

# Oracle Public Sector Permitting and Licensing

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## **Using Community Development Permits**

22D

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Author: Oracle Permitting and Licensing User Assistance

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# Get Help

There are a number of ways to learn more about your product and interact with Oracle and other users.

## Get Help in the Applications

Use help icons  to access help in the application. If you don't see any help icons on your page, click your user image or name in the global header and select Show Help Icons.

## Get Support

You can get support at [My Oracle Support](#). For accessible support, visit [Oracle Accessibility Learning and Support](#).

## Get Training

Increase your knowledge of Oracle Cloud by taking courses at [Oracle University](#).

## Join Our Community

Use [Cloud Customer Connect](#) to get information from industry experts at Oracle and in the partner community. You can join forums to connect with other customers, post questions, and watch events.

## Learn About Accessibility

For information about Oracle's commitment to accessibility, visit the [Oracle Accessibility Program](#). (if videos) Videos included in this guide are provided as a media alternative for text-based topics also available in this guide.

## Share Your Feedback

We welcome your feedback about Oracle Applications user assistance. If you need clarification, find an error, or just want to tell us what you found helpful, we'd like to hear from you.

You can email your feedback to [oracle\\_fusion\\_applications\\_help\\_ww\\_grp@oracle.com](mailto:oracle_fusion_applications_help_ww_grp@oracle.com).

Thanks for helping us improve our user assistance!



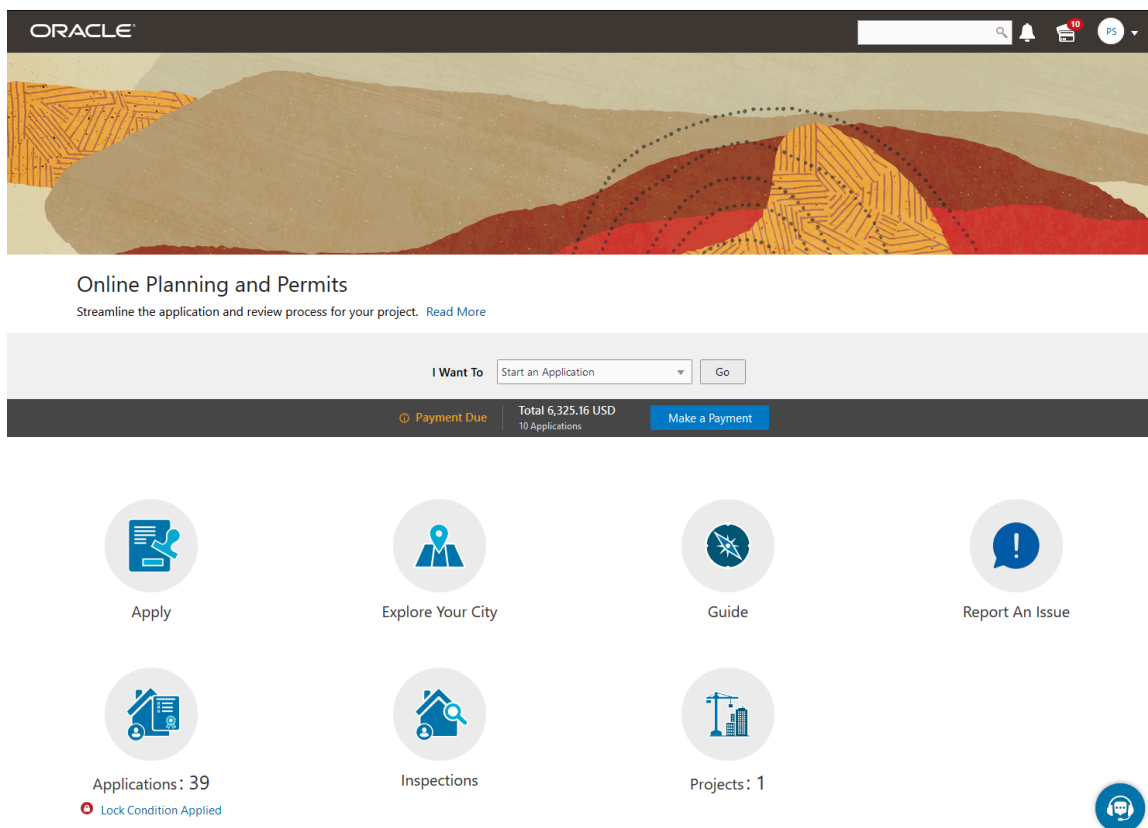
# 2 Managing Public Users

## Overview of Public Landing Pages

The public landing pages give members of the public access to agency services. There are two separate public landing pages, one for anonymous users (guests), and one for registered users who have signed in.

Public user landing pages have many of the same elements as the agency springboard (a global header, tiles, and so forth), but the content of the page is tailored to a different audience. For information about the agency springboard, see [Using the Agency Springboard](#).

This example illustrates the landing page as it appears to a user who is signed in. This is known as the registered user landing page.



## Landing Page Configuration

The elements on landing pages vary depending on how you configure the pages.

For information on configuring landing pages, see [Setting Up the Landing Page for Anonymous Users](#) and [Setting Up the Landing Page for Registered Users](#).

For information on setting up alerts to appear on the landing pages, see [Defining Alerts](#) and [Working with Ad Hoc Communications](#).

For information on setting up the digital assistant button, see [Initializing the Digital Assistant](#).

## Tiles on the Anonymous User Landing Page

Also known as guests, anonymous public users are residents, business owners, contractors, and so on, who have not signed in or are not registered. From the anonymous user landing page, they can perform common tasks such as starting an application, accessing an interactive guide that provides recommendations for application types, accessing an interactive map of the city, or starting a chat session using the digital assistant.

As delivered, the anonymous user landing page includes these tiles:

Page Element	Description
<b>Apply</b>	Provides access to a page where the user can choose an application type and then start an application.
<b>Estimate Fees</b>	Provides access to the Estimate Fees page, where the user can chose an application type and estimate fees for an application.
<b>Guide</b>	<p>Provides access to a questionnaire. The user provides information about a project, and the guide uses that information to recommend application types.</p> <p>Your agency defines the guide questionnaire using Oracle Intelligent Advisor. If your agency is not using Oracle Intelligent Advisor, this tile will not appear.</p> <p>The questionnaire comes from the Oracle Intelligent Advisor policy model that you specify for the <i>Permits</i> offering, if one exists. If there's no offering-level policy, the questionnaire comes from the agency-level Oracle Intelligent Advisor policy model.</p> <p>For more information on identifying the Oracle Intelligent Advisor policy model to use, see <a href="#">Setting Up Agencies</a></p>
<b>Explore Your City</b>	Provides access to a map where the anonymous user can search for and view property details, including applications related to the property.

## Tiles on the Registered User Landing Page

Registered users are residents, business owners, contractors, and so on, who are registered in the system. When a registered user is signed on, the landing page can include additional options related to the registered user's interactions with your agency.

As delivered, the registered user landing page includes all of the tiles that are available to anonymous users and these additional tiles:

Menu Link	Description
<b>Report an Issue</b>	<p>Starts the process for reporting a code enforcement issue. During the reporting process, the public user identifies the type of issue, provides the issue location, describes the issue, and answers any additional questions that the agency has configured.</p> <p>See <a href="#">Reporting Issues</a>.</p>

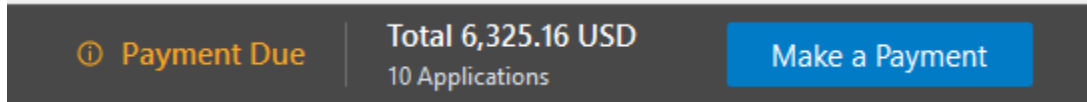


Menu Link	Description
<b>Applications</b>	<p>Displays a list of the user's own applications, including business license, permit, and planning applications. From the list, the user can access application details.</p> <p>The list has a regular list view, a grid view, and a map view. There is also a <b>Show All Statuses</b> switch for toggling between a list of active applications and all applications.</p> <p>The number of active applications appears in the tile label. This number includes both permit applications and planning applications.</p> <p>If one or more conditions have been applied to the user's applications, a conditions icon appears below the tile. The icon associated with the most severe condition is displayed. For example, if there is a permit application with a lock condition (which prevents further activity on the permit) and another application with a notice or informational condition, only the lock icon appears below the tile.</p>
<b>Inspections</b>	<p>Displays a list of the user's inspections. From the list, the user can access inspection details and schedule additional inspections.</p> <p>The number of scheduled and requested inspections appears in the tile label.</p>
<b>Projects</b>	<p>Displays a list of projects where the user is a contact. Projects are large undertakings that involve multiple applications. Agencies, not users, determine which undertakings are considered projects. A user's own project is a project where the user is the primary contact.</p> <p>This tile is hidden from users who do not have any projects.</p> <p>The number of active and completed projects appears in the tile label.</p>
<b>Businesses</b>	<p>Displays a list of the businesses associated with the user's business licenses. This tile is visible only if the user has at least one active business. The number of active businesses appears in the tile label.</p> <p>Users can review summary information about a business and click an individual business for additional details.</p> <p>The list displays the business ID, legal name, mailing address, and location.</p>
<b>Business Licenses</b>	<p>Displays a list of the user's own business licenses. The tile is visible only if the user has at least one active business license. The number of active business licenses appears in the tile label.</p> <p>The list displays summary information about licenses, including the license ID, license type, license status and expiration, the license period, the business name and physical address, a description, and fee information. The user can also initiate an amendment or renewal from the list.</p> <p>The <b>Show All Statuses</b> switch toggles between a list of active licenses and all licenses.</p> <p>Users can click individual licenses for additional details or to take any actions such as viewing the certificate.</p>

## The Make a Payment Banner

The Make a Payment banner provides fees information at a glance and a button to go directly to the payment page.

This example illustrates the Make a Payment banner.



Applicants see the total amount due, number of applications with fees due, and a button to navigate to the Make a Payment page, where they can review and select application fees for payment. For more information, see [Making Payments](#).

Only a registered user's own applications are reflected in the banner. Their Applications list page shows all of their applications, including the ones for which they are contacts. Agencies must enable full application access for contacts to see these applications in the list.

## The Digital Assistant Button

If you implement the digital assistant, a button for invoking the assistant hovers over the public user landing pages.

This image shows the digital assistant button.



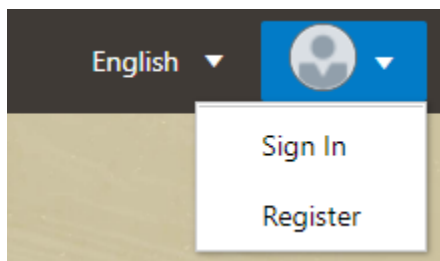
Clicking this button opens a chat window where the anonymous user can get help and search for transaction-related information.

For information on setting the digital assistant button, see [Initializing the Digital Assistant](#).

## The Public User Registration Process

Although anonymous users can access information that is available to the general public, they must register before starting applications or performing most application-related activities.

When a public user is not signed in, the account menu on the anonymous user landing page includes options for registering and signing in.



Here is a summary of the registration process:

1. On the landing page for anonymous users, the public user clicks the account icon and then clicks the **Register** menu item.
2. The user enters information on the Register page.
3. The user accepts the registration terms of use, if required.
4. The user submits registration information.

5. A confirmation page directs the user to complete the registration process by following instructions in an email that the system sends.
6. The user clicks the link in the email to set up the account password.
7. The user submits the password to complete the registration process.
8. The system takes the user to the registered public user landing page.

To sign in again in the future, the public user clicks the account icon in the landing page header and then clicks the **Sign In** menu item.

**Note:** Agency staff members who complete an application on behalf of a public user can submit registration information for them. A confirmation email is sent to the account email address, and the public user must still complete the registration process by clicking the provided link and setting an account password. Staff members don't accept terms of use on behalf of users that they register. Instead, users are prompted to accept the terms when they first sign in.

This example illustrates the Register page and is described in the following table.

## Register

\* Account Use  Personal  Business

Hide my contact information from public view

Salutation

\* First Name

\* Last Name

Your email address is your user name.

\* Email Address

\* Confirm Email Address

Country US

Postal Code

Don't know

Phone   Ext.

You can access permit information and manage your inspection schedule by phone.  
You will need this four-digit access code every time you call into the automated phone system.  
If you forgot your access code, you can reset it on the account management page.  
Click the help icon for more information.

IVR Access Code

[Oracle\\_TNC](#)  
Read and accept the terms and conditions before proceeding

## Entering Registration Information

Users enter the following registration information.

Page Element	Description
<b>Account Use</b>	Indicates whether this is a personal account or a business account.
<b>Are You a Contractor?</b>	<p>Indicates whether the account holder is a contractor. This switch is visible only if the user selects <b>Business</b> as the account use. The user's contractor status is associated with the business profile that is created during the registration process.</p> <p>Registering as a contractor doesn't affect processing nor does it add the user to the agency's contractor records.</p>
<b>Add License</b>	<p>Used to provide details of a contractor license held by a business. This button is visible only if the user selects <b>Business</b> as the account use. License information is required if the user self-identifies as a contractor. License information is optional for other businesses.</p> <p>Clicking this button opens the Contractor License Details page, which includes these fields: <b>License Type, License Number, Issued On, and Expiration Date.</b></p> <p>During registration, the user can enter information for only one license. After registering, the user can add additional licenses from the Manage Account page. See <i>Managing Public User Accounts</i>.</p> <p><b>Note:</b> Depending on the settings on the Public User Setup page, a user's self-identification as a contractor might need to be verified by agency staff. Verification requirements do not affect the registration process.</p>
<b>Hide my contact information from public view</b>	<p>Gives the user the option to hide their name and contact information when a member of the public views the user's applications.</p> <p>This question appears only if it is enabled on the Public User Setup page.</p> <p>The default answer to this question is <i>No</i>.</p> <p>Users can access help for this question by clicking the question mark icon adjacent to the question. The help explains that even when the user's own information is hidden, the property addresses for all applications are visible to the public.</p>
<b>Salutation</b>	<p>A title such as <i>Ms.</i> or <i>Mr.</i> that is used to address the person.</p> <p>This field is optional.</p>
<b>First Name and Last Name</b>	The user's name, which appears on the account profile.
<b>Business Name</b>	This field is visible only if the <b>Account Use</b> field indicates that this is a business account. The business name entered here is associated with the profile that the registration process creates.
<b>Email Address and Confirm Email Address</b>	<p>The user's email address that will be associated with their account. Enter the email address again to confirm.</p> <p><b>Note:</b> The user's email address is their user name or user ID. There is no separate user name or user ID to sign in.</p>

Page Element	Description
	After the user submits registration information, the system sends an email to this address. The email contains a link that the user needs in order to complete the registration process.
<b>Address Fields</b>	<p>The user's address that will be associated with their account.</p> <p>The <b>Country</b> field displays <i>US</i>.</p> <p>As the user enters a <b>Postal Code</b>, the type-ahead list shows values that include appropriate city and state combinations. After the user selects a value, the city and state appear as read-only fields, and two address fields appear so that the user can enter the rest of the address.</p> <p>A user who doesn't know the postal code can click the <b>Don't know</b> link to display a full set of address fields.</p>
<b>IVR Access Code</b> (Interactive Voice Response Access Code)	<p>A 4-digit PIN that public users enter when accessing permit inspections using the agency's interactive voice response system.</p> <p>The code is masked on this page, and users will not be able to see this code again even after registration is complete. Users who forget their code can reset it on the account management page. For information about entering a new code after registering, see <a href="#">Managing Public User Accounts</a>.</p> <p>This field appears only if your agency enables IVR access codes on the Public User Setup page. See <a href="#">Setting Up Public Users</a>.</p>
<b>Phone</b>	A phone number for the account holder. This field is optional.

## Agreeing to Terms and Conditions

The Public User Setup page specifies whether public users must agree to terms and conditions. If users must agree, the setup page also specifies the Terms of Use definition to use during registration, and public users must accept the terms and conditions during the registration process.

If users must agree to the terms of use, the description from the Terms of Use definition appears as a link on the Register page. Instructional text directs the user to read and accept the terms before proceeding.

To view and accept the terms, the user clicks the link to open a new window. The window displays the complete text of the terms followed by a check box labeled **I have read and accepted the terms and conditions**. The user must select the check box to continue. A user who does not want to accept the terms can cancel.

After the user accepts the terms and continues, the main Register page displays a selected agreement check box instead of instructions. The check box is not editable. The link to the detail window is still available, and the user can return to the window to re-read the terms or rescind agreement.

**Note:** If the terms of use change, users who have already registered are required to accept the new terms. When a user attempts to sign in after terms have changed, a window with the new terms opens, and the user must select the agreement check box in order to continue. This occurs if a new effective-dated Terms of Use definition goes into effect, either because you change the terms of use definition on the Public User Setup page, or because the definition in use has a new effective date that is after the date when the user most recently signed in.

## Completing Registration by Resetting the Password

When the public user clicks the Register button, a confirmation page provides instructions for completing the registration process. The instructions direct the user to an email with the necessary information.

The confirmation page also provides a registration ID number for reference in case the user needs to contact the agency for help. The registration number is the user's party ID.

These are the system actions and user steps that finalize the registration:

1. The system creates user account information in the Oracle Permitting and Licensing system and in the Fusion Applications system.
2. The system emails the user a link for completing the registration process.
3. The link takes the user to the Reset Password page in the Oracle Applications Cloud.

Although the page name suggests that the user is resetting a password, the user is actually creating a password for the first time.

4. The user enters a password and confirms it, then clicks the Submit button.
5. The system creates the password, completing the registration process.
6. The system transfers the user to the Oracle Permitting and Licensing landing page for registered public users.

The emailed link that the user clicked to access the Reset Password page includes the parameter that redirects the user to the appropriate page.

## Overview of Public User Accounts

The public user registration process in Oracle Permitting and Licensing creates an account that contains general information about the account and profile information related to the user.

Agency staff with appropriate permissions such as system administrators can view and manage account- and profile-related information on the Manage Accounts page and registered public users can manage their own information.

### Account and Profile Data

Account information includes the following:

- Name: the name of the person who owns the account.
- Access: the email address that is entered during the registration process. This email address is used to log into the service. The user's interactive voice response (IVR) PIN for accessing inspection schedules is available if the agency requires an access code.
- Additional Information: whether the user's contact information is hidden from public view.  
Your agency configures whether to give users these options:
- Attachments: documents that have been uploaded to the account.  
Attachments can be added to either the account or the applicant's profile. The list of attachments for the account displays both account attachments and profile attachments.
- Terms of Use: the terms of use to which the user agreed.
- Conditions: restrictions that prevent certain actions or issue warnings when the actions are attempted.

Conditions can be applied to either the account or the applicant's profile. The list of conditions for the account displays only the account-level conditions.

The account profile contains additional information related to the applicant, including the following:

- Profile Basics: the profile name, type, active/inactive status, and its designation as the profile for the account.
- Profile Information: the business name and business type if the profile includes business information.
- Contact Information: addresses, email addresses, and phone numbers.
- Contacts: people who might be added as contacts for applications that are associated with this person or business.

When adding contacts to an application, users can quickly pick contacts who are already associated with this person or business rather than having to manually add a new contact.

- Licenses: a list of licenses such as contractor licenses, the contractor status, and any related verification statuses.
- Attachments: documents that have been uploaded to the account.

Attachments can be added to either the account or the account profile. The list of attachments for the account displays both account attachments and profile attachments.

- Conditions: restrictions that prevent certain actions or issue warnings when the actions are attempted.

Conditions can be applied to either the account or the account profile. The list of conditions for the account displays only the account-level conditions.

## Accessing Public User Account Information

Registered public users have self-service access to manage their accounts. Agency staff with appropriate permissions such as system administrators can also update account and profile information for public users.

### Account Management Navigation for Agency Staff

Agency staff accesses the Manage Account page using these steps:

1. Select **Public User > Public User Access**.

The Public User Access page displays summary information about public user accounts. The list includes information such as the person's name, email address, and the number of pending verification requests.

An icon before the user's name indicates that the account or profile is subject to one or more conditions. Conditions relate to permits and to planning applications. They prevent certain actions or issue warnings when the actions are attempted. To see condition details, access the detail page for the user account. For more information, see *Managing Account Conditions*.

2. Search for the desired user account.
3. Click the > icon for the row with the desired user account.

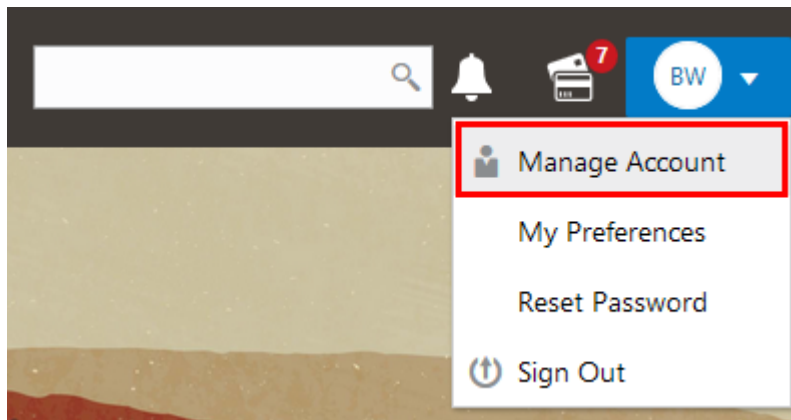
## Account Management Navigation for Registered Public Users

To access self-service account management functionality, a public user who has signed in follows these steps:

1. Sign in to access the registered public user landing page.
2. Click the account menu that appears with the user's initials in the page header.

A drop-down menu appears.

This example illustrates the account menu under the user's initials.



3. Select **Manage Account**.

## Managing Public User Accounts

This topic describes the account and profile information that can be updated using account management functionality. The Manage Account page is available to both public users, who can manage their own accounts, and agency staff, who can manage information for any public user.

Registered public users access the Manage Account page from the account menu in the page header. Agency staff accesses the Manage Account page from the Public User Access page. For detailed navigation instructions, see [Accessing Public User Account Information](#).

## Security Details for Managing Public User Accounts

This section describes important security roles, requirements, or considerations specific to managing public user accounts.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Registered Public users	Manage their own user accounts.	PSC Registered Public User
PSC Public User Account Management	Manage public sector public user accounts.	PSC System Administrator PSC Economic Development Officer PSC Chief Building Officer



Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Cashier PSC Building Inspector

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Public User Access Versus Agency Staff Access

For the most part, public users and agency staff have access to the same account management options. These are the exceptions:

- Public users can see the verification status for any data that requires agency verification, but only agency staff can update the verification status.
- If account attachments are enabled, public users can't delete attachments unless you configure the Public User Setup page to allow this action. Agency staff can always delete attachments.
- Only agency staff can apply and manage account and profile conditions. Conditions are account restrictions. Both public users and agency staff can see active conditions that have been applied to the account or profile.

For more information about conditions, see [Managing Account Conditions](#).

**Note:** Agency staff do not have access to user passwords, which are not part of account management.

## Managing General Account Information

General account information is initially provided during the user registration process.

To manage account information:

1. Access the Manage Account page.

This page has two frames. Use the left frame to select either the overall account or the profile. Use the right frame to view and update details for the selected item.

If the account has active conditions, the left frame displays a warning icon next to the Account link. Similarly, if the profile has active conditions, an icon appears next to the profile link. Conditions relate to permits and planning applications. Active conditions can prevent certain actions or issue warnings when the actions are attempted. For detailed information about managing conditions, see [Managing Account Conditions](#).

2. Select **Account Information** in the left frame.

This is selected by default when you first access the Manage Account page. When it is selected, the right frame list the different types of account information. The row for each type of information includes the section name and instructional text. The **Name** row additionally displays the user's full name.

3. To view or update name information:
  - a. Click the **Name** row in the right frame.

The Name page appears.

- b. Review or update information in the following fields: **First Name, Middle Name, Last Name, Display Name** (a read-only value that concatenates the user’s first, middle, and last names), **Initials, Suffix, and Title**.
  - c. Click **Save** to save changes and close the page.
4. To view account access information:
- a. Click the **Access** item in the right frame.

The Access page appears.

- b. Review the following information:

Page Element	Description
<b>User Name</b>	Registered users see their first and last name. This field is read-only.
<b>Email</b>	<p>The email that was provided during registration. This field is read-only.</p> <p>This email is used for the user ID and account access notifications such as those related to setting passwords and changing or verifying account or profile information.</p> <p>Notifications related to transactions are sent to the transaction email address, which is inherited from the user profile. The profile and transaction email addresses do not have to be the same as this account email.</p>
<b>IVR Access Code</b> (Interactive Voice Response Access Code)	<p>This field appears only if the agency enables IVR access codes on the Public User Setup page. See <i>Setting Up Public Users</i>.</p> <p>This field originally contains the 4-digit PIN that public users enter when registering. It's used to access permit information and schedule inspections in the agency's interactive voice response system.</p> <p>The code is masked on this page. To change the code, click the <b>Edit</b> icon.</p> <p>You can click the cancel icon to return to the original code, or you can enter a new code and click the check mark to save the new value.</p>

- c. Click **Cancel** to close the page.
5. To view or update additional information:
- a. Click the **Additional Information** item in the right frame.
- The Additional Information page appears.
- b. Review or update the setting to **Hide my contact information from public view**.
  - c. Click **Save** to save any changes and close the page.

6. To review the most recently accepted terms of use:
  - a. Click the **Terms of Use** item in the right frame.

A window with the full text of the terms of use appears.

When a public user views this information, the terms are always current as of the time the user signed into the current session. This is because users must agree to any changes in the terms of use when signing in.

When agency staff views this information, they see the terms that the user last accepted, even if the agency has changed the terms since then.

- b. Click the **Close** icon in the top right corner of the window to close it.

7. To view conditions that have been applied to the account:

- a. Click the **Conditions** item in the right frame.

A window that lists account-level conditions appears. Active conditions are first, followed by resolved conditions.

- b. Review the conditions, and optionally access condition details or resolve conditions.

For detailed information about adding and managing conditions, see [Managing Account Conditions](#).

- c. Click the **Close** icon in the top right corner of the window to close it.

## Managing Account Attachments

Your agency controls whether attachments can be added to accounts. Set this option on the Public User Setup page. Attachments can be associated with either the account or the profile.

This procedure describes how to manage attachments that are associated with the overall account.

To manage account attachments:

1. Access the Manage Account page.

This page has two frames. Use the left frame to select either the overall account or the profile. Use the right frame to view and update details for the selected item.

2. Select **Account Information** in the left frame.

This is selected by default when you first access the Manage Account page. When it is selected, the right frame list the different types of account information, including attachments. The row for attachments includes information stating how many attachments (if any) have been added. Both account attachments and profile-specific attachments are included in the count.

3. Click the **Attachments** item in the right frame.

The Attachments window opens. It lists all attachments for the account, including both account attachments and profile attachments. The following information appears:

Page Element	Description
File Name / Date	The file name of the attachment, and the date that the attachment was added to the account.

Page Element	Description
<b>Description</b>	A user-supplied description. Users can optionally add a description while adding the attachment.
<b>Profile Name</b>	If the attachment is associated with the profile, the profile name appears. If the attachment is associated with the account in general, this column is blank.
<b>Category</b>	<p>This column appears only if the agency's public user setup specifies a document group for public user attachments. Document groups consist of a set of document categories.</p> <p>When visible, this field displays the document category for the attachment.</p> <p>For more information, see <a href="#">Setting Up Document Categories and Subcategories</a> and <a href="#">Setting Up Document Groups</a>.</p>
<b>Subcategory</b>	<p>This column appears only if the agency's public user setup specifies a document group for public user attachments. The categories in a document group can optionally include subcategories. For example, a <i>Licenses</i> category might have subcategories for different types of contractor's licenses.</p> <p>When visible, this field displays the document subcategory for the attachment.</p>
<b>Actions</b>	Click to access a menu with options for viewing attachment information, downloading the file, or deleting the attachment from the account.

4. To add a new attachment:

- a. Click **Add**.
- b. Select a file using your browser's file selection window.
- c. On the Add Attachments page, verify the **File Name** and optionally enter a **Description**.
- d. If document groups are enabled for public users, optionally select the appropriate **Category** and **Subcategory** values.
- e. Click **Upload**.

When the upload is complete, the new attachment appears in the list on the Attachments page.

5. To view or modify attachment information:

- a. Click the **Actions** icon and select **View Details**.
- b. On the Attachment page, review the **File Name**, the **File Size**, and the **Last Updated By** and **Uploaded By** user names.
- c. Optionally update the **Description**.
- d. If document groups are enabled for public users, optionally update the **Category** and **Subcategory**.
- e. To change which profile, if any, is associated with the attachment, use the **Profile Name** field.

If this field does not have a value, the attachment is associated with the overall account rather than a specific profile.

- f. Click **Save** or **Cancel** to return to the Attachments page.
- 6. To download a file, click the **Actions** icon and select **Download**.
- 7. To delete a file, click the **Actions** icon and select **Delete**.

You are prompted to confirm the deletion.

**Note:** Agency staff can always delete attachments. Public users can't delete attachments unless the Public User Setup page is configured to allow this action.

- 8. To close the Attachments window, click **Cancel**.

## Viewing the Account Profile

On the Manage Account page, the left frame displays the profile associated with the account.

Selecting the profile name in the left frame causes the right frame to display summary information about the profile. This information is broken into sections. Clicking a section opens a detail page with complete information.

To view the summary information for the profile:

1. Access the Manage Account page.
2. Select the profile name in the left frame.
3. Review the following summary information:

Profile Section	Information Displayed
Profile Basics	The profile type: <i>Personal</i> or <i>Business</i> .
Profile Information	For the business profile type only. No summary information appears.
Contact Information	The number of contact methods for the profile.
Contacts	The number of contacts for the profile.
Licenses	The number of licenses for the profile, and whether the profile has contractor status.  The self-reported contractor status appears, but you must access license details to see if the status has been verified.
Conditions	The number of active conditions for the profile.  Although the details for this section includes both active and resolved conditions, the count in the summary includes only active conditions.

## Updating Profile Basics

To update profile basics:

1. Access the Manage Account page.
2. Select the profile name in the left frame.
3. Click the **Profile Basics** section to open the Profile Basics page.
4. Review and update the following fields:

Page Element	Description
<b>Profile Name</b>	The identifying name for the profile. This name appears in the page header and on the Manage Account page.  The name for the profile that is created during the registration process is the public user's first and last name. This name is truncated if it's longer than 60 characters.
<b>Default</b>	The profile that gets created during the registration process is the default profile. The check box is read-only.
<b>Profile Type</b>	Displays either <i>Personal</i> or <i>Business</i> based on the account use selected during registration. You can't change the profile type.
<b>Status</b>	Displays <i>Active</i> to indicate that the account profile is active and can be updated.

5. Click **Save** or **Cancel** to return to the Manage Account page.

## Managing Contact Information

Contact information consists of the user's addresses, phone numbers, and emails. Only US addresses are supported.

The primary contact information in the profile is used as the default contact information in the user's applications.

To update contact information:

1. Access the Manage Account page.
2. Select the profile name in the left frame.
3. Click the **Contact Information** section to open the Contact Information page.
4. To add or modify a contact method:
  - a. If you are adding a contact method, click **Add** in the appropriate section (Address, Phone, or Email) to open the Details page.
  - b. If you are updating a contact method, click the **View More Details** button at the end of an existing row to open the Details page.
  - c. Select the **Type**.  
The Details page displays different fields depending on the type of contact method, but all contact methods include the **Type** field. Address types are *Home* and *Work*. Email and Phone types are *Home* and *Business*.

- d. If you're adding a new address, either enter the **Postal Code** or click the **Don't know** link.

As you enter a **Postal Code**, the type-ahead list shows values that include appropriate city and state combinations. After you select a value, the city and state appear as read-only fields, and two address fields appear so that you can enter the rest of the address. If you don't know the postal code, clicking the **Don't know** link displays a full set of address fields.

If you accessed an existing address, the additional address fields are already visible.

- e. Enter the complete contact information: either an address, a **Phone** and **Ext** (extension), or an **Email**.
- f. If this will be the primary address, phone number, or email, select the **Primary** check box.

Only one contact method of each type can be primary, so if you select the check box, the previous primary address, phone number, or email (if any) is updated to no longer be primary. When there is only one contact method of each type, it is automatically primary.

- g. Click **Save** or **Cancel** to close the Details page and return to the Contact Information page.
5. To delete a contact method, click **Delete** for the appropriate row.
6. Click **Cancel** to return to the Manage Account page.

## Managing Contacts

Contacts are people who can interact with the agency regarding business related to the associated account.

To manage contacts:

1. Access the Manage Account page.
2. Select the profile name in the left frame.
3. Click the **Contacts** section to open the Contacts page.
4. If you are adding a contact, click **Add** to open the Contact Details page.
5. If you are updating a contact, click the **View More Details** button at the end of the row to open the Contact Details page.
6. On the Contact Details page, enter the contact's **First Name**, **Middle Name**, **Last Name**, and **Business**.
7. To enter an address, enter the **Postal Code** or click the **Don't know** link to reveal additional address fields, then enter information in those address fields.
8. Enter a **Phone** and **Ext** (extension).
9. Enter an **Email**.
10. Click **Save** or **Cancel** to close the Contact Details page.

Any information you save immediately appears on the Contacts page.

11. Click **Cancel** on the Contact page to return to the Manage Account page.

**Note:** When applicants enter contact information in an application, they can create new contacts or choose existing profile contacts. When creating a new application contact, the user can indicate whether the new contact should also be added to the account profile. When choosing an existing profile contact, the applicant can modify contact details and indicate whether the original profile contact record should be updated as well.

## Updating Licenses

The licenses section of the Manage Account page includes both a list of professional licenses and a statement of whether the profile is for a contractor.

If your agency requires staff to verify contractor status and professional licenses, staff members who access the information can update the verification statuses for both types of information. Public users can see but not update the verification statuses.

To update license information:

1. Access the Manage Account page.
2. Select the profile name in the left frame.
3. Click the **Licenses** section to open the Licenses page.
4. Review or update these fields related to the user’s contractor status:

Page Element	Description
<b>Are You a Contractor?</b>	To indicate the contractor status, select either <i>Yes</i> or <i>No</i> .
<b>Verification Status</b>	<p>This field is visible if the contractor status is <i>Yes</i> and the <i>Public User Setup</i> page is configured to require that contractor status be verified.</p> <p>The default value is <i>Pending verification</i>.</p> <p>Agency staff updates the status to either <i>Verified</i> or <i>Verification failed</i> after independently verifying the user’s contractor status.</p> <p><b>Note:</b> Although public users and agency staff can both see the verification status, only agency staff can update the value.</p>

5. To add a new license, click **Add**, or to view an existing license, click the row for the license you want to view.  
The License Details page opens.
6. Review and update the following fields on the Licenses page:

Page Element	Description
<b>License Type</b>	This is a free text field for entering the type of license, such as a General Contractor license or an Electrical Contractor License.
<b>License ID</b>	Enter the license number that uniquely identifies the license.
<b>Start Date</b>	Enter the date that the license became valid.
<b>Expire Date</b>	Enter the date that the license expires or requires renewal.



Page Element	Description
<b>Verification Status</b>	<p>This field is visible if the Public User Setup page is configured to require that licenses be verified.</p> <p>The default value for a new license is <i>Pending verification</i>.</p> <p>Agency staff updates the status to either <i>Verified</i> or <i>Verification failed</i> after independently verifying the license.</p> <p><b>Note:</b> Although public users and agency staff can both see the verification status, only agency staff can update the value.</p>

7. Click **Save** or **Cancel** to return to the Licenses page.
8. Click **Save** or **Cancel** to return to the Manage Account page.  
Saving on the Licenses page saves changes to the **Are You a Contractor?** and **Verification Status** fields. Changes to licenses are saved from the License Details page.

## Managing Account Profile Attachments

Your agency controls whether attachments can be added to user accounts. Set this option on the Public User Setup page.

Attachments can be associated with either the account or with the account profile. The account-level list includes all attachments.

To manage account profile attachments:

1. Access the Manage Account page.  
This page has two frames. Use the left frame to select either the general account or the account profile. Use the right frame to view and update details for the selected item.
2. In the left frame of the page, select the profile name.  
When the profile is selected, the right frame displays information for the profile. The row for attachments includes information stating how many attachments (if any) are associated with the profile.
3. Click the **Attachments** item in the right frame.  
The Attachments window opens. It lists the attachments that are associated with the profile.

Page Element	Description
<b>File Name / Date</b>	The file name of the attachment, and the date that the attachment was added to the account.
<b>Description</b>	A user-supplied description. Users can optionally add a description while adding the attachment.

Page Element	Description
<b>Category</b>	<p>This field appears only if the agency's public user setup specifies a document group for public user attachments. Document groups consist of a set of document categories.</p> <p>When visible, this field displays the document category for the attachment.</p> <p>For more information, see <i>Setting Up Document Categories and Subcategories</i> and <i>Setting Up Document Groups</i>.</p>
<b>Subcategory</b>	<p>This field appears only if the agency's public user setup specifies a document group for public user attachments. The categories in a document group can optionally include subcategories. For example, a <i>Licenses</i> category might have subcategories for different types of contractor's licenses.</p> <p>When visible, this field displays the document subcategory for the attachment.</p>
<b>Actions</b>	<p>Click to access a menu with options for viewing attachment information, downloading the file, or deleting the attachment from the account.</p>

4. To add a new attachment:

- a. Click **Add**.
- b. Select a file using your browser's file selection window.
- c. On the Add Attachments page, verify the **File Name** and optionally enter a **Description**.
- d. If document groups are enabled for public users, optionally select the appropriate **Category** and **Subcategory** values.
- e. Click **Upload**.

When the upload is complete, the new attachment appears in the list on the Attachments page.

5. To view or modify attachment information:

- a. Click the **Actions** icon and select **View Details**.
- b. On the Attachment Details page, review the **File Name**, the **File Size**, and the **Last Updated By** and **Uploaded By** user names.
- c. Optionally update the **Description**.
- d. If document groups are enabled for public users, optionally update the **Category** and **Subcategory**.
- e. Click **Save** or **Cancel** to return to the Attachments page.

6. To download a file, click the **Actions** icon and select **Download**.

7. To delete a file, click the **Actions** icon and select **Delete**.

You are prompted to confirm the deletion.

**Note:** Agency staff can always delete attachments. Public users can't delete attachments unless the Public User Setup page is configured to allow this action.

8. To close the Attachments window, click **Cancel**.

## Managing Account Profile Conditions

You can access conditions applied to the account profile from the profile summary page. For detailed information about adding and managing conditions, see [Managing Account Conditions](#).

To manage account profile conditions:

1. Access the Manage Account page.

This page has two frames. Use the left frame to select either the general account or the account profile. Use the right frame to view and update details for the selected item.

2. In the left frame of the page, select the profile name.

If the account profile has conditions, an icon representing the condition severity appears next to the profile name.

3. Click the **Conditions** item in the right frame.

A window that lists the conditions for the selected profile appears. Active conditions are first, followed by resolved conditions.

4. Review the conditions, and optionally access condition details or resolve conditions.
5. Click the **Close** icon in the top right corner of the window.

## Verifying Public User Information

You can configure the system to require verification of various types of public user account and profile data. The actual verification occurs outside of the system, but after the information is verified, agency staff updates verification statuses to indicate whether the information passed or failed the verification process.

Use the Public User Setup page to configure which types of information require verification:

- Whether the user is a contractor.
- The user's licenses.


One option for verifying information is to use the Manage Account page. With this option, agency staff can navigate to the various pages that display each type of information, and they can update the verification status on those pages. For more information, see [Managing Public User Accounts](#).

Alternatively, the Public User Access page provides a convenient way to see and manage pending verification requests. This page displays the number of pending verification requests for each user, and it provides a link to the Pending Verification Requests page. Update the verification status for individual requests on the Pending Verification Requests page:

This example illustrates the Pending Verification Requests page.

Pending Verification Requests

Rita Johnson( [REDACTED]@ [REDACTED] )



Profile Name	Type	Verification Details	Verification Status
Rita Johnson	User is a contractor		Pending verification ▼
Rita Johnson	User added or updated license	<b>License Number</b> 268-953-111 <b>License Type</b> Electrical <b>Issued On</b> 1/1/18 <b>Expiration Date</b> 1/1/20	Pending verification ▼

## Managing Verification Requests

To find and manage pending verification requests:

1. Select **Public User > Public User Access**.
2. Locate accounts with a value in the **Pending Verification Requests** column.

This column displays the number of pending requests for the user. It's blank for users with no pending requests.

The surest way to locate accounts with pending verifications is to sort accounts based on the number of pending requests. To sort by a specific column, click the triangle icon in the column header. Click again to reverse the sort order.

3. Click a value in the **Pending Verification Requests** column to access the Pending Verification Requests page.

The page lists the pending verification requests for the selected user. Requests that have already been verified (or failed verification) do not appear.

4. Review the following information for the requests to be verified:

Page Element	Description
<b>Profile Name</b>	Displays the profile that is associated with the data to be verified.
<b>Type</b> (type of request)	Explains what type of information must be verified. Values include: <ul style="list-style-type: none"> <li>○ <i>User is a contractor</i></li> <li>○ <i>User added or updated license</i></li> </ul>
<b>Verification Details</b>	Displays identifying details for a license.  License details include the license number, license type, the date issued, and the expiration date.

Page Element	Description
	This column is blank for requests to verify a user's contractor status.
<b>Verification Status</b>	Because this page lists only pending verification requests, all rows initially have the status <i>Pending Verification</i> .




- Update the **Verification Status** for any requests where the verification process is complete.  
Select either *Verified* or *Verification failed*, depending on whether you were able to verify the information.
- Click the **Save** button.

## Managing Account Conditions

Conditions can be applied to a public user's account or account profile to limit the user's ability to submit applications or perform other activities. When the condition is marked as resolved, the restrictions are removed.

Agencies define the conditions that their staff can apply to accounts or account profiles. A condition's rules control which activities are limited by the condition. These rules relate to objects such as addresses, parcels, transactions, and contractor licenses in addition to accounts. For information about these rules, see [Setting Up Conditions](#).

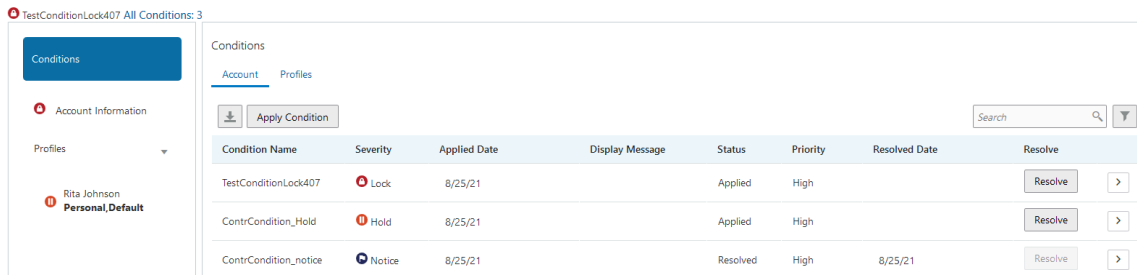
A condition's severity determines how the condition affects activities. This table describes each severity level.

Severity	Icon	Description
Lock		The user is prevented from completing any of the activities that are affected by account or profile conditions.
Hold		The agency user who applies the condition chooses which activities to prevent. You'll see warning messages only for the selected rules.
Notice		The user receives warning messages when attempting any of the activities that are affected by account or profile conditions.

## Viewing Conditions and Condition Indicators

This example shows condition indicators on the Manage Account page.

Manage Account



To view active conditions for a public user account:

1. Select **Public User > Public User Access**.

The Public User Access page displays lists summary information about public user accounts. If an account or the account profile has active conditions, the icon for the most severe condition appears before the user’s name.

2. Search for the desired user account and click the **View More Details** icon to view account details.
3. At the top of the page (just below the page title), review the severity icon and the name for the account’s most severe active condition, and see the total number of active conditions.
4. Click the *All Conditions* link to open a window with additional details.

In addition to the condition name, severity, and applied date, the window includes the following information:

Page Element	Description
<b>Account or Profile</b>	Displays <i>Account</i> if the condition was applied to the overall account. Account-level conditions are enforced for the account profile.  Displays the profile name if the condition was applied to the account profile.
<b>Display Message</b>	Displays an agency-defined message with information about the condition.

5. Review any icons next to the account or profile name in the left frame.  
The icons indicate the highest level of severity of the active conditions for the account or profile.
6. (Agency staff only) Click the **Conditions** tab in the left frame.  
This tab is not visible to public users.
7. In the right frame, click the **Account** and **Profiles** links to toggle between a list of account-level conditions and profile-level conditions.

These lists include resolved conditions as well as active conditions.

The following procedures provide instructions for adding conditions, resolving conditions, and reviewing.

## Adding Conditions

To add account and profile conditions:

1. Access the Manage Account page.

2. Click **Conditions** in the left frame.
3. In the right frame, click either **Account** or **Profiles** depending on whether you want to add the condition to the overall account or to the profile.
4. Click **Apply Condition**.
5. If this condition applies to the profile or person:
  - a. Expand the **Select One or More Profiles** section.
  - b. Select the **Apply Condition** check box for the profile that will be subject to the condition.
6. Enter the following condition information:

Page Element	Description
<b>Condition Name</b>	<p>Select one of the conditions that the agency has defined.</p> <p>After you select a condition, the condition information is brought in as it was defined by your agency administrator. You can override the default rules, priority, description, and additional information to customize the condition.</p>
<b>Display Message</b>	<p>Displays an informational message that also appears in the list of all active conditions for an account.</p>
<b>Severity</b>	<p>Displays the severity of the selected condition:</p> <ul style="list-style-type: none"> <li>○ <i>Lock</i>: This severity suspends all operations and selects all condition rules for the condition.</li> <li>○ <i>Hold</i>: This severity enables agency staff to select the rules that apply to the condition.</li> <li>○ <i>Notice</i>: This severity functions as an alert and has no effect on operations.</li> </ul>
<b>Condition Rules</b>	<p>Displays check boxes for indicating which actions are locked down. If a check box is not selected, the action is permitted.</p> <p>The check boxes are selected and read-only if the severity is <i>Lock</i>. They are hidden if the severity is <i>Notice</i>.</p> <p>If the condition severity is <i>Hold</i>, the selected check boxes are brought over from the condition definition. You must select at least one check box.</p> <p>The <b>Prevent Application Progress</b> check box is always visible because all conditions affect new applications.</p> <p>Check boxes for these condition rules are visible only if the <b>Apply Conditions to Transactions</b> switch is enabled.</p> <ul style="list-style-type: none"> <li>○ <b>Prevent Application Progress</b></li> <li>○ <b>Prevent Workflow Advancement</b></li> <li>○ <b>Prevent Issue or Final</b></li> <li>○ <b>Prevent Payment</b></li> <li>○ <b>Prevent Inspection Schedule</b> (applicable only to permits)</li> </ul>

Page Element	Description
	<ul style="list-style-type: none"> <li>○ <b>Prevent Inspection Result</b> (applicable only to permits)</li> <li>○ <b>Prevent Final Inspection</b> (applicable only to permits)</li> </ul>
<b>Priority</b>	Select <i>High, Medium, or Low</i> .
<b>Description</b>	The default description comes from the condition definition, but you can change this description as needed.
<b>Additional Information</b>	Enter any additional information or notes regarding the condition that you're applying.

7. Use these fields to control the impact of the condition on transactions:

Page Element	Description
<b>Apply Condition to Transactions</b>	<p>Applies the condition to new transactions that will be associated with the account or profile. You turn off the switch if you want the condition to be applied only to the transaction you're working with.</p> <p>When you enable this switch, the complete set of condition rule check boxes becomes visible in the <b>Condition Rules</b> section of the page. If the severity is <i>Hold</i>, you can accept the default selections or select which condition rules to apply.</p> <p>If this switch is not enabled, the only relevant condition rule (and the only visible condition rule check box) is <b>Prevent Application Progress</b>.</p> <p>The default setting for this switch comes from the condition definition, but you can change the setting.</p>
<b>Include in-process transactions</b>	This check box is visible only if the <b>Apply Condition to Transactions</b> switch is enabled. Select this check box to apply the condition to all active applications for this account or profile.
<b>View Impacted Transactions</b>	Click this link to open a window that lists the in-process applications that will be impacted if you select the <b>Include in-process transactions</b> check box.

8. Click **Save**.

## Resolving Conditions

To resolve a condition:

1. Access the Manage Account page.
2. Click **Conditions** in the left frame, then use the **Account** and **Profiles** links in the right frame to see lists of conditions.



You need to expand the profile section to see the conditions. The title of the profile section includes the number of active conditions as well as the profile name.

**Note:** You can also access condition lists by using the left frame to access the account or profile that has the condition, then clicking **Conditions** in the right frame.

3. Locate the condition to be resolved.  
The condition lists include both active and resolved conditions. Active conditions appear at the beginning of the list and have a status of *Applied*.
4. Click the **Resolve** button.
5. On the Resolve Condition page, enter a description of how the condition was resolved in the **Resolution Action** field. The **Resolve conditions applied to transactions** switch is turned on by default, which resolves the condition that was initially applied automatically to the transactions when this condition was created.  
You turn off the switch if you want to resolve this condition alone, without affecting the transactions associated with the parcel or address.
6. Use the **View Impacted Transactions** link to access a page that lists all impacted transactions within the selected parcel or associated with the selected address.
7. Click **Save** to apply the resolution and close the window.  
The resolved condition moves to the end of the condition list.

## Viewing or Updating Condition Details

1. Access the Manage Account page.
2. Click **Conditions** in the left frame, then use the **Account** and **Profiles** links in the right frame to see lists of conditions.

You need to expand the profile section to see the conditions. The title of the profile section includes the number of active conditions as well as the profile name.

**Note:** You can also access condition lists by using the left frame to access the account or profile that has the condition, then clicking **Conditions** in the right frame.

3. Review summary information for conditions.  
Active conditions are listed before resolved conditions.  
In addition to the condition name, the severity, and the display message, the following information appears:

Page Element	Description
<b>Applied Date</b>	The date that the condition was added to the account or account profile.
<b>Status</b>	Indicates if the condition is <i>Active</i> or <i>Resolved</i> .
<b>Priority</b>	The agency-defined priority for the condition. The priority is part of the condition definition.
<b>Resolved Date</b>	If the condition has been resolved, indicates the date that it was resolved.

Page Element	Description

4. Click the **View More Details** icon to open the Condition Details page.

In addition to the fields that have already been described, this page also shows an **Applied By** field.

If the condition has been resolved, the page also displays the these additional fields: **Resolution Action**, **Resolved By**, and **Resolved Date**.

All fields are read-only except that if an active condition has a severity of *Hold*, the condition rule check boxes are editable.

5. Click **Cancel** to return to the Conditions page.

# 3 Applying for a Permit

## Security Details for Applying for a Permit

This topic describes important security roles, requirements, or considerations specific to applying for a permit.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Apply Permit	Submit a permit application.	PSC Registered Public User PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Choosing an Application Type

Your agency sets up application types for permit applications, planning applications, and business license applications. Before starting an application, users must choose what type of application they need. The Apply page provides multiple tools to help users choose the appropriate application type.

### Working With the Apply Page

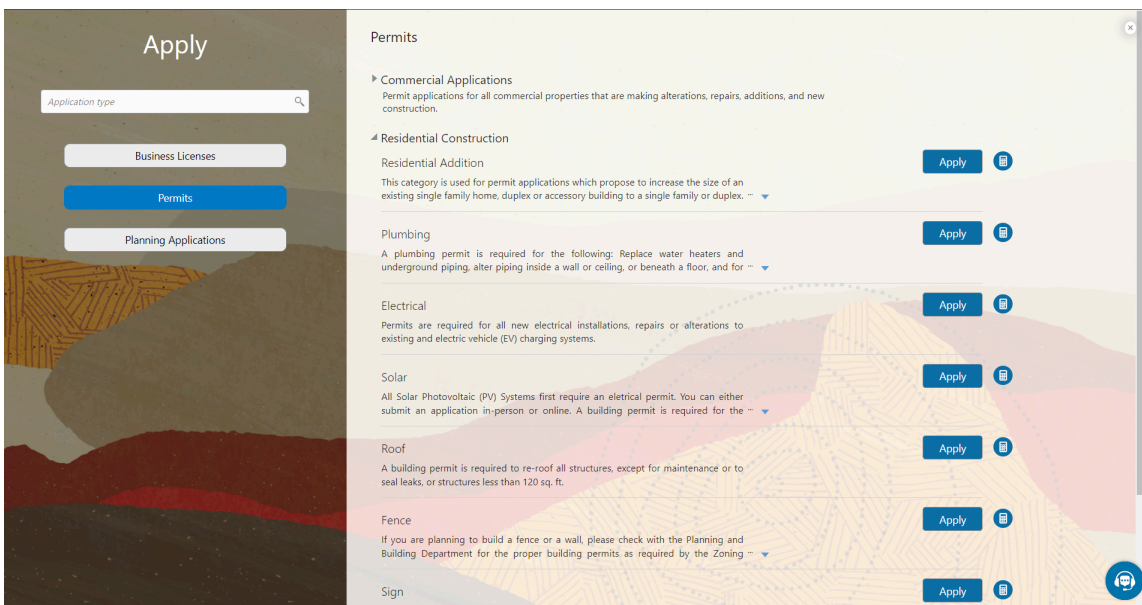
The Apply page offers these options for finding application types:

Option	Description	Available to Which Users
Search	Search for an application type by name.	All
Recent application types	View the five application types for the applications that you most recently submitted.	Registered public users, agency staff
Popular application types	View the five application types that have been used most frequently in the last 30 days	All
Browse application types	Choose either business licenses, permits, or planning applications, then browse categories for the selected item. Expand a category to browse the specific application types within the category.	All
Guided questionnaire (includes saving and retrieving recommendations)	Answer questions about your needs, and the guide provides recommendations regarding the necessary application types.	Registered and anonymous public users

This example illustrates the Apply page for registered public users. The left side of the page has multiple options for finding application types. In this example, the user has not started looking for an application type, so the right side of the page does not have any information.



In this example, the user has started browsing for application types. As the user works with the tools on the left side of the Apply page, the related information appears on an overlay on the right side of the page. In this illustration, the user is browsing for permit types, so the overlay shows expandable categories for those applications.



The descriptions of the categories and the application types come from the corresponding setup pages. Initially the overlay displays up to two lines of the description. If the description is longer, an icon at the end of the truncated description enables the user to expand it and see the full description.

If an application type has been configured with a URL for additional information, a **Learn More** link appears at the end of the description. The user clicks this link to open the specified URL.

For information about setting up the application type categories, see [Setting Up Business License Display Groups](#), [Setting Up Permit Display Groups](#), or [Setting Up Planning Application Display Groups](#).

## Accessing the Apply Page

Anonymous and registered public users can access the Apply page from the landing page by clicking the **Apply** tile. Anonymous users can explore application types, but they are prompted to sign in or register before actually starting an application.

Registered users and agency staff have these additional options

- On the landing page or agency springboard, select the *Start an Application* quick action in the **I Want To** field, then click the **Go** button.
- On the Applications page (registered users) or the Transactions page (agency staff), click the **Apply** button.
- On the Explore Your City map (registered users) or the Main Map (agency staff), click the **Apply** button after selecting a parcel.

## Searching for Application Types By Name

To search for an application type by name:

1. Click in the search field.  
A drop-down list shows any matches.
2. If you don't see the desired application type in the initial drop-down list, begin typing the name of the application type.  
As you type, the drop-down list changes to show only application types that match your search criteria.
3. To start an application, click the desired application type in the drop-down list.

## Searching for Popular and Recent Application Types

To search for popular and recent application types:

1. Click in the search field.
2. Review these lists of popular and recently used application types.  
The lists appear in the overlay on the right panel of the Apply page. They can include a mix of business license, permit, and planning application types.

List	Description
<b>Recent</b>	Lists the application types (up to five) for the applications that the current user most recently submitted.  <b>Note:</b> Anonymous public users do not see a list of recent application types.
<b>Popular</b>	List the application types (up to five) that have been used most often in the last 30 days.

3. To start an application, click **Select** for the desired application type.

## Browsing for Application Types

To browse for application types:

1. Click the button for **Business Licenses, Permits, or Planning Applications** on the left side of the Apply page. After you click a button, the overlay on the right side of the page lists categories for the specified type of transaction.
2. Expand categories to browse the application types.
3. To start an application, click **Select** for the desired application type.

## Using a Guided Questionnaire to get Application Type Recommendations

If your agency sets up a questionnaire using Oracle Intelligent Advisor, the questionnaire can guide users and make application type recommendations. The guide uses the Oracle Intelligent Advisor policy model that you specify for the *Permits* offering, if one exists. If there's no offering-level policy, the questionnaire comes from the agency-level Oracle Intelligent Advisor policy model. For more information on identifying the Oracle Intelligent Advisor policy model to use, see *Setting Up Agencies*.

To find application types using a guided questionnaire:

1. Click the **Guide** button to open the guided questionnaire.  
This button appears only if the agency has configured an Oracle Intelligent Advisor policy for recommending application types.
2. Step through the questionnaire.  
At the end of the questionnaire, the guide will recommend application types and provide an option to save the recommendations.
3. Optionally save the recommendations.  
A registered user follows these steps to save the recommendations:
  - a. Enter a nickname for the recommendations in the **Nickname** field.
  - b. Click **Save**.  
The recommendations are associated with the user account and can be retrieved from the Apply page.An anonymous user follows these steps to save the recommendations:
  - a. Enter an email address in the **Email ID** field.
  - b. Enter a nickname for the recommendations in the **Nickname** field.
  - c. Click **Save**.  
The system sends the user an email with an acknowledgement number that can be used to retrieve the recommendations from the Apply page.

## Viewing Saved Recommendations from the Guided Questionnaire

Public users can view guided questionnaire recommendations that they save.

To view the recommendation that are already associated with a registered public user's account, the user follows these steps:

1. Sign in.

2. Click the **Apply** button on the registered public user landing page.
3. Click **View Recommendations**.

The recommendations appear in the right panel overlay under the heading **Recommended Permits**.

Both registered and anonymous public users can retrieve recommendations that were saved during an anonymous session. To retrieve these recommendations, the user follows these steps:

1. Access the Apply page.
2. Locate the **Search Saved Recommendations** link:
  - o Anonymous users can find this link in the right frame of the Apply page.
  - o Registered users who are signed in must click the **View Recommendations** link in the left panel. The resulting overlay on the right panel includes the **Search Saved Recommendations** link.
3. Click **Search Saved Recommendations** to open a new window.
4. Enter the **Acknowledgement Number** that was emailed to the user when the recommendations were saved.
5. Enter the **Email** that the user provided when saving the recommendations.
6. Click **Search**.

## Estimating Fees

Agency staff and registered public users can get fee estimates outside of the application process.

### Estimating Fees Using A Simplified Intake Form

There are three ways to access the simplified intake form for estimating fees:

- Agency staff and registered public users can select the Start an Application action from the **I Want To** quick actions drop-down.

On the Apply page, all applications that have a fee schedule associated with them displays an **Estimate Fees** icon next to them. You can also search for specific applications. Click the **Estimate Fees** icon to open a simplified intake form.
- Agency staff and registered public users can select the Estimate Fees action from the **I Want To** quick actions drop-down list.

On the Estimate Fees page, only those applications are listed that have a fee schedule associated with it. You can also search for specific applications. Click the **Estimate** button to open a simplified intake form.
- Registered public users and guest or anonymous users can use the **Estimate Fees** tile on their landing page.

On the Estimate Fees page, only those applications are listed that have a fee schedule associated with it. You can also search for specific applications. Click the **Estimate** button to open a simplified intake form.

The simplified intake form lists only the questions necessary to estimate the fees associated with the application type you chose. Fill out and click **Next** to view the fee summary. The estimated fees are calculated and displayed for your review with fee line descriptions and amounts. You'll also see whether a fee is due when you submit the application or payable later when required. The fee estimate may include any tax amounts for the application selected.

You might want to simulate new scenarios simply by entering new values, or by selecting a different type of application. Once you have a fee estimate and decide to move forward, you can begin the application process, if desired.



**Note:** The fee estimate is only for planning purposes and the actual fees might differ based on the project details on the submitted application and the city fees active at the time of application.

## Completing an Application

Agencies configure the specific sections and fields for each type of application. Regardless of these specifics, the general interface for completing an application is consistent.

Applications for business license renewals and amendments also follow this process. For more information, see [Applying for a Business License Renewal](#) and [Applying for a Business License Amendment](#).

This example illustrates an application.

Close Application

Step 1 of 5: Applicant

Save Previous Next

### New Swimming Pool

Applicant

First Name Peter

Middle Name

Last Name Skate

Country US

\* Zip Code 94080

City of Los Angeles, US-CA

\* Address Line 1 466

Address Line 2 William Street

Phone 1 (541) 754-3010 Ext. 3256

Email

Step 1: Applicant

Step 2: Property Information

Step 3: Pool Details

Step 4: Review

Step 5: Fee Summary

Single-Page View

Titulation MR.

Suffix

## Single Page View and Multi-Page View

A drop-down field at the top of the application page lists the steps, including data entry pages, the Review page, and the confirmation page. Selecting a step takes the user directly to that step.

The final item on the step list is an option to toggle between the *Single-Page View* and *Multi-Page View*.

In single-page view, all of the data entry steps are combined into a single step labeled *Step 1: Single-Page View*. The review and confirmation steps remain separate.

## General Navigation Controls

The banner above the application form includes these buttons for general navigation:

- **Previous** and **Next** buttons enable users to move through the steps.

- On the final step, a **Submit** button replaces the **Next** button.

Submitting an application initiates the workflow for the application. Registered public users can't make changes to submitted applications.

**Note:** After submitting a business license application, you can't make changes to the business information. Once the license is approved, you follow the amendment process for any changes. See [Applying for a Business License Amendment](#).

- The **Save** button lets users save their progress without submitting the application.

You'll see warnings when you save an incomplete application, but you can still save the application and complete it later.

- The **Close Application** button closes the application and discards unsaved changes.

A warning message gives users a chance to return to the application instead of closing it.

## Data Entry Pages

An anonymous public user who starts an application must sign in before the application pages appear. Users who have not previously registered must register before accessing, filling out, and submitting an application.

The application begins with data entry steps that the agency configures. There can be one or many data entry steps. Agencies configure the sections and fields for each data entry step. For more information, see [Intake Form Designer Topics](#). See [Using Predefined Field Groups](#) for more information about the sections that might be used in an application form.

Data entry sections are generally self-explanatory, but the following information includes notes about certain common sections.

## Grids

Some intake forms contain one or more grids, which are page controls that enable you to collect and display data in a tabular fashion, using rows and columns.

The screenshot shows the Oracle Public Sector Permitting and Licensing application interface. At the top, there is a navigation bar with the Oracle logo, a search bar, and several icons. Below the navigation bar, there is a status bar with a 'Close Application' button, 'Status: draft', 'Step 2 of 3: Page 3', a 'Save' button, and 'Previous' and 'Next' buttons. The main content area is titled 'Building Permit' and contains a 'Project Items' section. This section has a '+' button to add items, a 'Filter By' dropdown menu set to 'All columns', and a search input field with the placeholder text 'Enter a value'. Below these controls is a table with two columns: 'Permit Item' and 'Project Item Description'. The table currently displays 'No data to display.'

To add data to a grid:

1. Click **Add** (the plus sign).

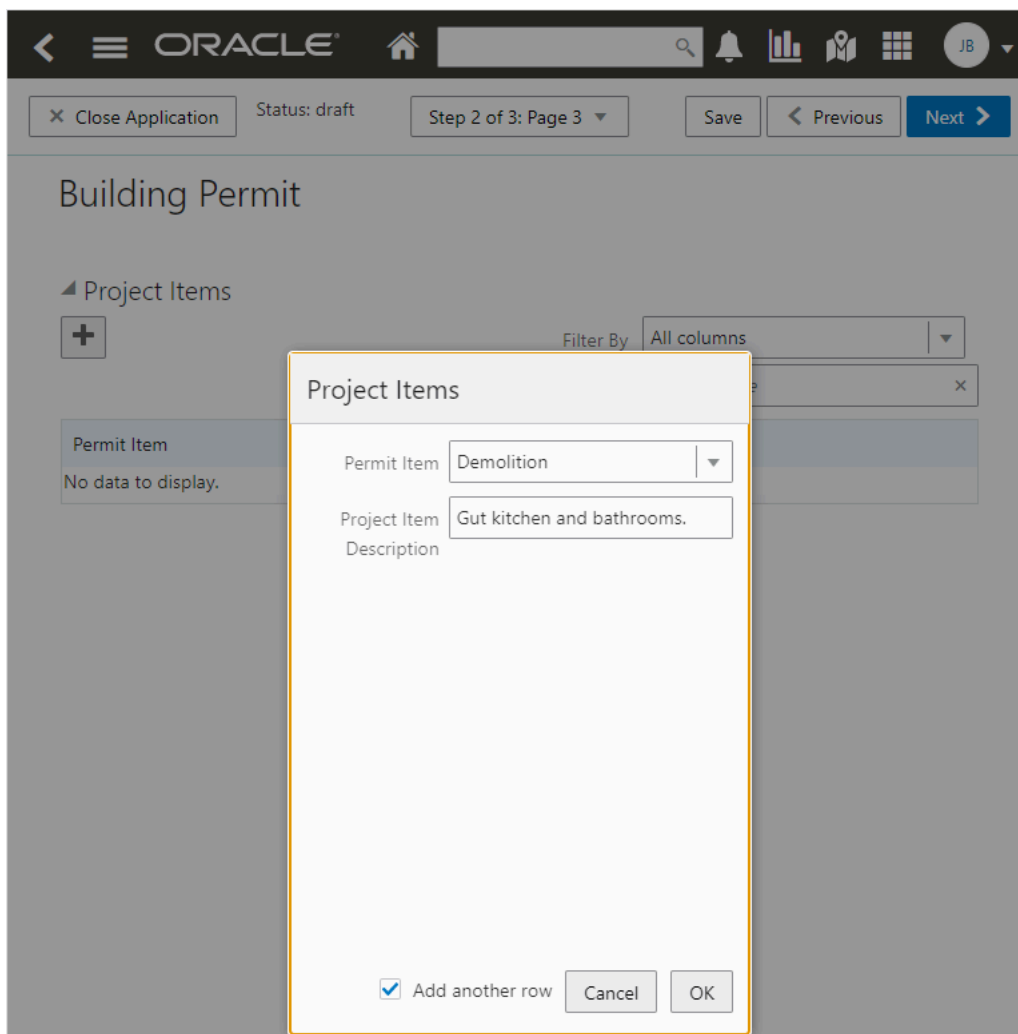
A pop-up dialog box appears where you can enter your data.

2. Select or enter all the required data for the grid.

A grid can contain many fields (columns) to capture data of different types, such as dates, numbers, text, drop-down lists, check boxes, and so on. The number and types of fields depends upon the intake form designed by the agency.

**Note:** Some fields are configured to be read-only and can't be edited.

3. Select **Add another row** to continue to enter data when adding multiple rows.



4. Click **OK**, after you've added all the required information.

5. Click **Save**.

**Note:** Each new row added to a grid is assigned a sequential row number automatically.

**Note:** For grids with many rows, you can use the filtering option. Select a column to sort by from the **Filter By** drop-down list, and add a column value, if needed in the filtering value field.

## Applicant

All applications include this section, which is used to identify the applicant. The applicant is also automatically added to the Contacts section.

When a registered public user starts an application, this section is prepopulated, and certain identifying fields are read-only. Updates made to the address, phone, or email when applying can be saved to the user's account profile.

Agency staff members who complete an application on behalf of a member of the public must identify the applicant by selecting an active profile for an existing registered user or by registering a new user.

When registering a new user, the staff member can continue with the application after entering and submitting the required registration information. A confirmation email is sent to the account email address so the user can complete the registration process by clicking the provided link and setting an account password. The registration is valid even if the agent abandons the application.

Registered users and agency staff with appropriate permissions can update the applicant's address, phone, or email in subsequent applications and optionally save the changes to the user's account profile. System administrators can also update account information.

See *The Public User Registration Process*.

## Application

The Application section includes the record ID and a field where applicants can enter a description. Agency staff also provide the date the application was received while entering data into the system. The received date field isn't available for applicants applying online.

## Attachments

The Attachments section provides a grid where you can upload files, such as documents or images. Depending on the agency setup, the Attachments page may display the types of documents that are required for an application type and the stage in the application process at which they are required. Click **Upload** to attach the specified document in the Required Documents list. This list is informational only. The applicant selects the document properties such as category and subcategory during upload and the file appears in the Attachments grid in the application. After you submit the application, the files that you added appear in a list on the Attachments page in the application's detail pages.

## Terms and Conditions

If a data entry step includes the Terms and Conditions section, public users must agree to the terms before continuing past that step.

Agency staff can't accept terms on behalf of a public user, so this section is hidden from agency staff. Instead, users are prompted to accept the terms when they first sign in.

## Contacts

### All applications:

- The Contacts section lists people who are contacts for this specific application. These people can be, but aren't required to be, the applicant's profile contacts. The contacts may include the contractor's contact person, if available.
- The applicant is automatically added as the primary contact in the Contacts section, but you can add or select a different primary contact. You can also change the contact type, but you can't remove the applicant contact. You can also change the primary contact in the application details after submission.
- 
- 
- Select an existing contact from a list, or enter information for a new contact on the Contact Details page.
- All application contacts must have a contact type that describes the role of the person relative to the specific application.

### Permits and planning applications:

- On the Contact Details page for new contacts, use the **Add to Profile** switch to replicate the new contact to the applicant's list of profile contacts.
- On the Contact Details page for already-added contacts, use the **Update Profile** switch to replicate any changes (such as an updated email or phone number) to the profile contact. This switch appears only if the contact is already a profile contact.
- Contact information for the contractor entered in the Contractor section in the application appears in both the Contractor and Contacts sections.
- If configured by your agency, the system sends an email notification to contacts on the intake form upon application submission as well as to new contacts when they are added to the application after submission.

### Permit and planning application access:

- If the contact type is configured to allow permit or planning application access, and the contact email matches the account email for a registered user, then that registered user can access the permit or planning application after it's been submitted.
- When prompting for a contact type, the user can see which types allow permit or planning application access.
- The list of contacts for the application includes columns that display the contact type and whether permit or planning application access is enabled for that type.
- The page where you enter or edit contact details includes explanatory text to ensure that users are aware when the selected contact type confers permit or planning application access.
- For more details about a contact's access to a permit or planning application, see [Setting Up Contact Types](#).

### Business license applications:

- On the Contact Details page for new contacts, system administrators can use the **Add to Profile** switch to replicate the new contact to the applicant's list of profile contacts.
- On the Contact Details page for already-added contacts, system administrators can use the **Update Profile** switch to replicate any changes (such as an updated email or phone number) to the profile contact. This switch appears only if the contact is already a profile contact.

## Contractors

Applicants who self-identify or are identified by agency staff as contractors (or their authorized agents) are required to select a contractor license. Applicants can search by license number, business, or owner to retrieve information about the license from the agency's main contractor records, if the information already exists there. If the agency integrates with an external licensing body, the information can be retrieved from the licensing body's records.

When applicants add the contractor license from the agency's contractor records, they select a contact person from a list of verified contractors associated with the license. Once the applicant selects **Done** for the license information, the selected contact person also appears in the **Contacts** section of the application.

Applicants who are not contractors or authorized agents, such as homeowners, can optionally add contractors to their applications. The same is true for agency staff who are applying on behalf of this type of applicant. Only system administrators can modify contractor information in an application.

Agencies sometimes add extra validations when you add contractors to make sure that contractor licenses meet permit requirements. The license requirements for a permit can include a specific license type, classifications, and insurance attributes. Validations can also check the license expiration date. Conditions applied to a contractor license may also apply restrictions to a transaction.

**CAUTION:** You may not be able to submit the application when contractor validations fail on the permit or a condition is applied to the license, depending on how the agency sets up the license validations and conditions, respectively.

For more information, see [Adding Licenses to an Application Form](#).

## Review

A *Review* step appears after the last data entry step for an application. The page for the Review step shows all of the data entry sections on a single long read-only page.

## Confirmation

If the application includes a confirmation page, it appears after the review page. This page can have any name.

A common scenario is to show a fee summary on the confirmation page. Displaying a read-only fee summary at the very end of the application, after all data entry is complete, ensures that the fee calculations are final.

## Making Payments

Registered users can pay fees online using a central payment page and checkout process. The Make a Payment page is used to list applications with fees where the registered users can review and select them before making a payment. Agency staff have the Make Payments page to process payments for multiple applications on behalf of registered users.

The Make a Payment page lists the applications associated with the logged in user and are due for fee payment. Registered users can review the details, select items, and make payment.

Registered users include applicants and contacts. Contacts can be primary and others. For more information, see [Managing Transactions](#). For business license transactions, see [Managing Business License Transactions](#).

Registered users can also make payments from an application's Fee and Payments page.

Agency staff can use the **Make Payments** tile on the Agency Springboard to access the Make Payments page. They can process payments for multiple applications from the Make Payments page. They can make payments on behalf of registered users from the agency's Transactions list page. In such cases, they see the applications on their Applications page, as well as on the Make Payment page.

For information about fees payment from the registered public user's Applications page or from the agency staff's Transactions page, see *Managing Transactions* and *Managing Business License Transactions*.

For information about fees payment from the application's Fees and Payments page, see *Working with Fees and Payments*.

## Viewing Fees from the Registered User Landing Page

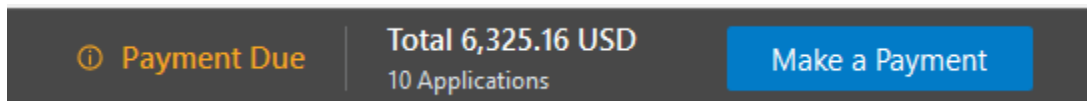
The Make a Payment icon appears in the global header when a registered user logs in. The number of applications with fees for payment, if any, appears on the icon:

This example illustrates the Make a Payment icon showing 10 applications with fees for payment.



The number of applications as well as the amount due for the applications appears on the Make a Payment banner:

This example illustrates the Make a Payment banner.



Clicking the icon or the **Make a Payment** button opens the Make a Payment page, which lists the applications with fees that are awaiting payment or payment is in process.

## Registered Users - Making Payments

The system initially applies fees to the user's account when an application is submitted. Later fees may be adjusted or added. When fees for an application are due, the registered users can review and select the applications for payment on the Make a Payment page. Fees not selected for payment remain on the page.


Fee adjustments are automatically reflected on the page before checkout processing.

This example illustrates the Make a Payment page.

Here's how to use the Make a Payment page:

Page Element	Description
<b>Trust Accounts</b>	<p>Turn on this switch to select a trust/deposit account from the Account drop-down menu, to make the payment.</p> <p><b>Note:</b> When a trust/deposit account is selected, only those applications are displayed for which payment can be made using the selected trust/deposit account.</p>
<b>Select All/Deselect All</b>	<p>Select the check box to select or deselect all applications. The check box can't be selected when the system is processing payment for an application or a condition preventing payment is applied.</p> <p>The <b>Total Selected</b> field above the grid shows the number of applications selected and the total amount due for the selected applications.</p>
<b>Application</b>	<p>Each item on the page is identified by the application number. Click the application number to open the overview page with the application summary and access to details.</p> <p>The type of application, such as <i>Residential Addition</i>, appears under the application number.</p> <p>If a condition to prevent payment has been applied to the application, a condition icon appears next to the application ID. For more information about conditions, see <a href="#">Applying Conditions to Applications</a>.</p>
<b>Property</b>	View the location of the property for the application.
<b>Description</b>	View a description of the application.



Page Element	Description
<b>Primary Contact</b>	View the primary contact for the application. For information on how to add contacts and change the primary contact, see <a href="#">Working with Application Contacts</a> .
<b>Amount</b>	View the total fees for the application. Click the fee amount link to open the Fee Detail page, which shows a breakdown of the fees.
	The Balance Changed alert indicates the fees for the application have been adjusted. Adjusted fees are updated automatically before checkout processing.
<b>Cancel</b>	Click to cancel and go back to the home page.
<b>Continue</b>	Click to access the Trust Account Payment page to continue with the payment.

Registered users can't make any changes to the application and associated fees submitted for payment during processing. After the payment processing is complete, the applications are removed from the list, and the system directs the user back to the page where the payment was initiated. If there are no more fees left after a successful payment, the user is directed to their Applications page. If the payment fails, the applications remain on the Make a Payment page and can be updated or resubmitted for payment.

For information about incomplete payments, see [Working with Fees and Payments](#).

## Agency Staff - Making Payments

Agency users have a **Make Payments** tile on their Agency Springboard page. Using this tile they can access the Make Payments page to make payments for single or multiple applications on behalf of registered users.

For an agency user to make payments on behalf of registered users:

1. From the Agency Springboard, select the **Make Payments** tile.
2. On the Select Customer pop-up window, select a customer.

**Note:** When a customer is selected, the system loads the payment cart of the selected customer and displays all transactions that the customer can make as a registered public user.

3. On the Make Payments page, select the checkboxes to choose the applications to make payments.
4. Click Continue.
5. Review the Checkout page, which lists the different payment methods available, such as cash or credit card.
6. Select one of the payment methods for payment processing.

Depending on the payment service being used, the payment steps differ.

After successful payment, the agency user is returned to the page where the payment was initiated. The fee item records are now updated.

Page Element	Description
<b>Customer Name</b>	Displays the name of the customer currently chosen to make the payments for.

Page Element	Description
<b>Change Customer</b> button	Click to choose a different customer.
<b>Select All/Deselect All</b>	<p>Select the check box to select or deselect all applications. The check box can't be selected when the system is processing payment for an application or a condition preventing payment is applied.</p> <p>The <b>Total Selected</b> field above the grid shows the number of applications selected and the total amount due for the selected applications.</p>
<b>Application</b>	<p>Each item on the page is identified by the application number. Click the application number to open the overview page with the application summary and access to details.</p> <p>The type of application, such as <i>Residential Addition</i>, appears under the application number.</p> <p>If a condition to prevent payment has been applied to the application, a condition icon appears next to the application ID. For more information about conditions, see <a href="#">Applying Conditions to Applications</a>.</p>
<b>Property</b>	View the location of the property for the application.
<b>Description</b>	View a description of the application.
<b>Primary Contact</b>	<p>View the primary contact for the application.</p> <p>For information on how to add contacts and change the primary contact, see <a href="#">Working with Application Contacts</a>.</p>
<b>Amount</b>	View the total fees for the application. Click the fee amount link to open the Fee Detail page, which shows a breakdown of the fees.
<b>Cancel</b>	Click to cancel and go back to the home page.
<b>Continue</b>	Click to access the Trust Account Payment page to continue with the payment.

# 4 Using Common Interface Pages and Elements

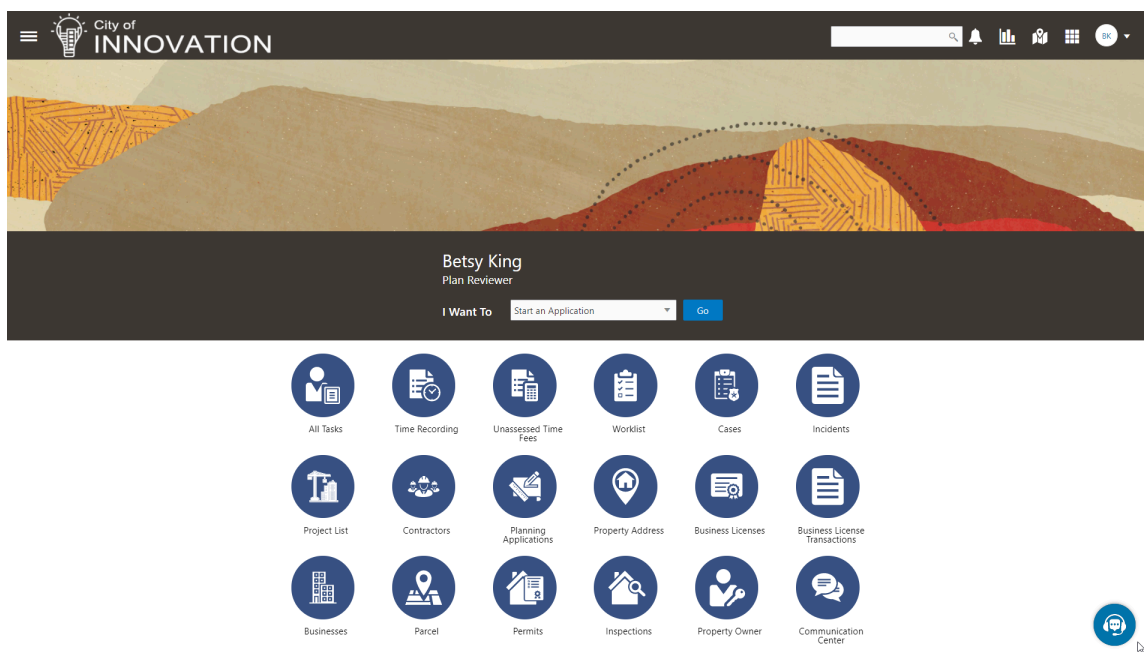
## Using the Agency Springboard

The Agency Springboard provides a landing page for agency staff to manage their work.

The Agency Springboard provides agency staff with a central launching page for access to tasks and pages that are relevant to the staff member's role.

Some of the elements on the agency springboard are similar elements on the landing pages for public users, while others are specifically for agency staff.

This example illustrates the Agency Springboard. The springboard is configured to show the quick actions section ("I Want To" actions), the task list element (links to workflow tasks and to my plan reviews and my inspections), and a selection of springboard tiles. The alerts banner is not shown in the example.









For information about setting up the elements on the Agency Springboard, see [Setting Up the Agency Springboard](#).



## Global Header

The global header appears:

- At the top of pages throughout the system.
- Differently for public users and agency users.

For public users, it does not include all of the elements that are available to agency staff. The header for agency staff includes these elements:

Page Element	Description
	<p>Click the <b>Back</b> icon to return to the previous page. The header doesn't include this icon when you're on the springboard.</p>
	<p>Click the <b>Navigator</b> icon to access pages using a hierarchical menu.</p>
	<p>Click the <b>Home</b> icon to return to the Agency Springboard. The header doesn't include this icon when you're already on the springboard.</p>
<p><b>Global Search</b> (unlabeled search box)</p>	<p>Enter search terms, then press enter or click the search icon to search for any of these objects:</p> <ul style="list-style-type: none"> <li>• <b>Permits:</b> In process and completed permit applications.</li> <li>• <b>Planning Applications:</b> In process and completed planning applications.</li> <li>• <b>Inspections:</b> Scheduled and completed building inspections.</li> <li>• <b>Projects:</b> Active projects.</li> <li>• <b>Incidents:</b> In process and completed incidents.</li> <li>• <b>Cases:</b> In process and completed cases.</li> <li>• <b>Citations:</b> Paid and unpaid citations.</li> <li>• <b>Business Licenses:</b> Active, inactive, expired, suspended, revoked, and closed business licenses.</li> </ul> <p>Searching opens the search results page, which has tabs for each type of searchable object. Click a tab to see the indicated subset of search results, and click a row in the search results to access the object details.</p> <p>Tabs for features that you haven't implemented are hidden. For example, if you don't use project functionality, the Projects tab is hidden.</p> <p><b>Note:</b> Public users also have access to the global search, but their search results do not include code enforcement objects (citations, incidents and cases).</p>
	<p>Click the <b>Notifications</b> icon to open a pop-up window that lists the most recent unread notifications. Each notification row includes an action menu for marking the notification as read and a details button for opening the Notification Details page. The pop-up window also has a <b>View All</b> button that opens the Notifications list page, where you can access all of your notifications.</p> <p>A badge on the icon indicates the number of unread notifications. If there are more than 99 unread notifications, the badge displays 99+.</p>
	<p>Click the <b>Reports and Analytics</b> icon to access the Oracle Business Intelligence Catalog (BI Catalog) or access predefined dashboards.</p>
	<p>Click the <b>Maps</b> icon to access these maps:</p> <ul style="list-style-type: none"> <li>• The main agency map lets you view existing transactions or start new applications for properties that you select.</li> </ul>

Page Element	Description
	<ul style="list-style-type: none"> <li>The Public Hearing map lets you generate hearing notifications by defining an area and generating lists of parcels, owners, and addresses for that area.</li> </ul> <p>If you only have security access to one map, clicking the Maps icon opens that map. If you have access to both maps, clicking the Maps icon opens a menu so you can choose which map to open.</p>
	<p>Click the <b>Page Finder</b> icon to open a pop-up window where you can search pages by their full or partial page name. As you type, the page list is updated to match your criteria. Click any page in the list to access it.</p> <p>The page finder provides a convenient alternative to the hierarchical menu navigation found in the Navigator.</p>
	<p>Your user account is represented by a circle with your initials. Click this icon to access a menu with options for updating your user preferences, changing your password, or signing out. This menu also includes a Help item that provides access to system documentation.</p>

## Alerts

Alerts are displayed as a banner that broadcasts messages with important information. These alerts are configured by the agency administrators.

## Quick Actions (I Want To)

You can perform quick actions section using the **I Want To** drop-down list. Choose an action, such as starting an application or scheduling an inspection, then click **Go** to access the related page.

This table lists the actions in the **I Want To** list. You see only the actions to which you have security access.

Action	Description
<i>Start an Application</i>	Opens the Apply page, where you can chose an application type and start an application. See <a href="#">Choosing an Application Type</a> .
<i>Estimate Fees</i>	Opens the Estimate Fees page, where you can chose an application type and estimate fees for your application. See <a href="#">Getting an Online Fee Estimate</a> .
<i>Schedule an Inspection</i>	Opens the Inspection List page, where you can request a permit inspection. See <a href="#">Requesting Inspections</a> .
<i>Report an Issue</i>	Opens the Select an Issue Type page, where you can being the process of reporting a code enforcement issue. See <a href="#">Reporting Issues</a> .
<i>Make CE Payments</i>	Opens the Code Enforcement Payments page, where you can make a payment for a case or citation. See <a href="#">Making Code Enforcement Payments</a> .

## Tiles

The lower area of the springboard displays tiles that you click to access specific transactions.

## Managing Tasks

The Task Management page enables you to review both workflow and non-workflow tasks and to reassign tasks (including claiming a task for yourself).

Application-related tasks include workflow tasks related to the transactions your agency is processing. For example, tasks can be associated with:

- The permit lifecycle
- Inspections
- Plan reviews
- The planning application lifecycle

## Security Details for Managing Tasks

This section describes important security roles, requirements, or considerations specific to managing tasks.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Access Task Management Worklist	Access the task management worklist.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Access Task Management Worklist	Access the task management worklist.	PSC Inspections Supervisor PSC Building Inspector PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Reviewing and Managing Tasks

The Task Management page enables agency users to view a list of all task types assigned to them.

1. On the agency springboard, select the **All Tasks** tile.
2. Use the search, filter, and sort options to refine the list of tasks as needed.
3. Use these fields to review task information:

Page Element	Description
<b>Fees/Conditions</b>	If any fees are due or conditions are applied, icons indicating this appear in the left column of the grid.  See the section, "Viewing Additional Transaction Information" for more information.
<b>Task Name</b>	Identifies the nature of the task to be performed. Values include <i>Application Acceptance</i> , <i>Permit Completion</i> , and so on.
<b>Task ID</b>	The unique identifier of the task.
<b>Application ID</b>	The application ID for the individual submitted transaction being worked, such as the permit ID.
<b>Application Type</b>	The type of application being worked, such as <i>Solar Permit</i> , <i>Building Permit</i> , and so on.

Page Element	Description
<b>Status</b>	Displays the task status. Different types of tasks can have different statuses. For example, permit tasks may have a status of <i>Assigned</i> , while inspection tasks can have the status <i>Scheduled</i> , which is not applicable to permit workflow tasks.
<b>Assigned To</b>	Displays to whom the task is assigned.
<b>Assigned Date</b>	Displays the date on which the task was assigned.
<b>Actions</b>	Click to display the actions you can take for that task, such as <i>Claim</i> , <i>Reassign</i> , and so on.
<b>&gt;</b>	Click to access details for the transaction to which the task is related. The page that appears depends on the type of task. For example, clicking the button for a permit workflow takes you to the Workflow page in the permit details.

4. To update the task assignment, select one of these options from the task's **Actions** menu:
  - o **Claim** assigns the task to yourself. This action is available only for tasks that are currently assigned to a group. Once a task is claimed, it appears under the tab you find your tasks, such as My Workflow.
  - o **Release** removes the assignment without assigning a new owner. The task will now appear on the Group Task list until it is claimed or reassigned.
  - o **Reassign** opens the Reassign Task page, where you can select a new assignee.

## Viewing Additional Transaction Information

Both the Task Management page and the worklists display icons in the left column to indicate additional information an agency user might need to view immediately regarding a transaction. For example, the icons can indicate whether conditions have been applied, if additional fees are required, and so on. Click the icon to view the details.

If multiple conditions are applied, then the icon displays the most severe condition. Click the icon to see a list of all applicable conditions, including the condition name, severity, description, and when the condition was applied. Click a condition row to open the transaction's Conditions details page in a new window.

## Viewing Tasks in the Worklist

The worklist enables agency users to view a list of just the workflow tasks assigned to them.

The tabs displayed in the worklist depend on the agency user's role. For example, a plan reviewer will see the Plan Reviews tabs with their assigned plan reviews, and an inspector will see the Inspections tabs with their assigned inspections, and so on. General tabs include Incoming Tasks and My Tasks.

1. On the agency springboard, select the **Worklist** tile.  
If you're a code technician using the Code Enforcement offering, click the **Code Technician Worklist** tile. If you're a planner using the Planning and Zoning offering, click the **Planner Worklist**.



2. On the Worklist, select the tab that lists the tasks that you want to review.
3. Click a task in the list to open the transaction details.

Clicking the **View More Details** button for a task on the Incoming Tasks and My Tasks tabs takes you to the Workflow page in the transaction details, where you can manually advance the workflow. For more information, see [Using Workflow](#).

For information about the common elements found on worklists, see [Using Grids](#).

## Using Grids

Common grid controls in Oracle Permitting and Licensing enable public and agency users to perform actions and manage how they display data. Using the controls on grids, you can search, sort, filter, and export data, change views, and more. Some grids may be displayed in an expanded format depending on your agency's implementation.

You'll see common grid controls on a variety of pages, including worklists and pages that list records, such as business license transactions, incidents, cases, contractors, inspections, parcels, permit and planning transactions, and plan reviews. Transaction detail pages in the different offerings, such as the Inspection List and Fees and Payments pages in the permit application details, also provide common grid controls.





Depending on your agency's implementation, grids may be displayed in a condensed or expanded format. These grid formats determine which controls are available:






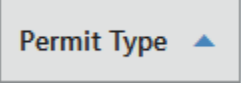


- *Condensed* – Displays multiple data elements in a single column. This is the default format for public users.
- *Expanded* – Displays only one data element per column and provides user-level personalization options. This format and personalization options are only for agency staff.


For more information about personalizing expanded grids, see [Personalizing Grid Displays](#).

## Common Grid Controls

The grid controls shown here are available on both condensed and expanded grids, unless indicated in the usage.

Control	Usage
	Click to download the list of records in a CSV file format. The downloaded file displays all visible fields in separate columns.
	Click to view check boxes for selecting multiple rows before performing an action.
 Show All Statuses   Show All Cycles	Some grids may have additional options available to control data displayed in a grid. For example, the <b>Show All Statuses</b> switch is available on the Transactions page and the <b>Show All Cycles</b> switch is available on the Plan Reviews page.

Control	Usage
	<p>Search by alphanumeric characters on the fields that are displayed on the page.</p> <p>All visible fields in the grid are searchable.</p> <p>When you search on dates, use this format: MM/DD/YYYY.</p>
	<p>Click the filter button to open the filter options, where you can define, modify, and save your own filters. The <b>Filter By</b> panel opens and you can select from the various advanced filter options to refine your search. All visible fields in the grid can be filtered.</p> <p>See the "Using the Advanced Filter" section in this topic for more information about the <b>Filter By</b> panel.</p>
	<p>Click the List View button to view the records in a list.</p>
	<p>Click the Sort button, available only in the list view in the condensed grid format, to select the field by which you want to sort the rows. The available sort fields depend on the fields in the grid.</p> <p>When you first select a field to sort, the sorted rows appear in ascending order. To view sorted rows in descending order, click the sort icon next to the selected field again. Click the sort icon again to return to the original sort order.</p> <p>In the condensed grid format, the sort appears on each column.</p>
	<p>Click the Grid View button to view the records in a grid.</p>
	<p>Click the arrow icon on columns in grid view to sort alphanumerically by fields displayed in the column. If the column displays only one field, click the arrow icon to sort based on the field value. If the column displays multiple fields, click the arrow icon in the column heading to show a list of fields that are sortable, then select the field you want to sort by.</p> <p>The initial sort displays records in ascending order. Select the same sort again to show records in descending order, and once again to return to the original order.</p> <p>The location or property information column also uses sorting logic that accounts for the street name followed by the street number.</p>
	<p>View the inventory of records on an interactive map.</p> <p>The map view includes a left frame with a list of items and a right frame with a map that has markers to show the locations of the items on the list. You can click a list item to zoom to its marker on the map.</p> <p>The search and filter options in the map view are the same options that you have in the list and grid views.</p> <p>See <a href="#">Viewing Map Markers</a>.</p>
	<p>Click to select the applicable actions for each row.</p>

Control	Usage
	Click to view more details about the object in the row. When this button isn't available, you can click the row to open the details page.

## Personalizing Grid Displays

Agency staff can personalize expanded grids to suit their own preferences for working more effectively.

The display settings enable each user to:

- Search columns by name
- Wrap text in columns
- Freeze specific columns
- Show or hide columns
- Rearrange column order
- Reset to the default settings

You can only personalize the display on expanded grids. Once you make the changes, your settings are saved on the page. You can adjust the column width in both condensed and expanded grids, but the changes are only saved on expanded grids.

For more information about expanded and condensed grid formats and controls, see [Using Grids](#).

To personalize an expanded grid:

1.

Click the **Display Settings** button above the grid:



.

2. The Display Settings modal page opens.

Example of the Display Settings modal page

**Display Settings** [Close]

Search

Wrap Text

**Show Columns**

- Fee Description [Menu]
- Amount [Menu]
- Currency [Menu]
- Status [Menu]
- Department [Menu]
- Assessed Date [Menu]
- Due Date [Menu]
- Memo [Menu]
- Payment Date [Menu]
- Payment Method [Menu]
- Paid By [Menu]




**Hide Columns**

- Payment Reference [Menu]
- Invoice [Menu]

[Reset to Default](#) [Save as Agency Default](#)

The column names appear in a list, where the top-to-bottom sequence represents the left-to-right display in the grid. For example, the first three column names listed under **Show Columns** will appear as the first three columns on the left in the grid.

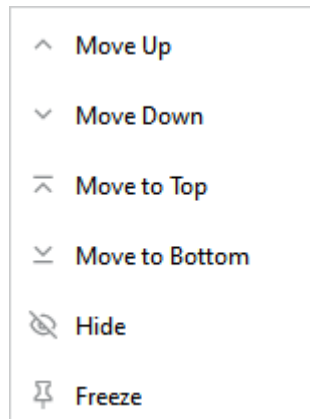
3. Adjust the available display settings.

Page Element	Description
<p><b>Search</b></p>	<p>Enter text in the search field to search the columns by name.</p>
<p><b>Wrap Text</b></p>	<p>Select the check box to wrap the text in the columns.</p>
<p><b>Show Columns and Hide Columns</b></p>	<p>Select the check box for a column name to show the column in the grid. When you deselect the check box, the column name row moves into the Hide Columns section.</p>
<p> (Unfreeze) and  (Freeze)</p>	<p>Click the pin icon to unfreeze or freeze a column. When you freeze a column, it's displayed to the left of columns that aren't frozen.</p>
<p></p>	<p>Click the icon in the column name row, move the row to a new position, and release.</p>
<p><b>Reset to Default</b></p>	<p><b>Agency Staff:</b> Click to restore the agency default settings, as set by your administrator. If there is no default set up by your agency, then clicking this button will reset to Oracle delivered settings.</p> <p><b>Administrators:</b> Click to revert to the previously set agency default display. If there is no default set up by administrators, then clicking this button will reset to Oracle delivered settings.</p> <p><b>Note:</b> This option is available only for administrators with the job role PSC_MANAGE_COMMONSETUP_PRIV, and applies for the current offering alone.</p>
<p><b>Set as Agency Default</b></p>	<p>Click to save the settings as the default display for your agency staff.</p> <p>Administrators need to perform this action for each page that has the agency default personalization setup option.</p> <p><b>Note:</b> This option is available only for administrators with the job role PSC_MANAGE_COMMONSETUP_PRIV, and applies for the current offering alone.</p>

Page Element	Description
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You can also right-click a column name row to open a menu with row-level actions.

Row-level actions menu on the Display Settings page



Select an action to move, hide, or freeze a column.

4. Click the **Close** button.

Your display changes are immediately reflected in the grid and saved.

# 5 Managing Permits

## Security Details for Managing Permits

This topic describes important security roles, requirements, or considerations specific to managing permits.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Agency Permits Inquiry	Allows users to have the agency permit application inquiry duty.	All Agency users
PSC Permits Management	Allows users to manage permits.	PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Permits Management with Elevated Access	Provides users elevated access to manage public sector permits.	PSC System Administrator PSC Permits Supervisor PSC System Administrator
PSC Reopen Permits	Allows users to reopen permits.	PSC System Administrator PSC Permits Application Administrator

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Managing Transactions

View application data and statuses for permits and planning applications using the transactions list page. You can perform actions, such as paying fees and accessing detailed application information from here.

As agency staff, such as a permit technician or planning and zoning administrator, you can use the Transactions page to view a complete list of permit and planning applications submitted to your agency. Registered public users with application access view their list on the Applications page.

**Note:** This topic focuses on permits, cases, incidents and planning applications. The Transactions page can also display business license transactions. For information about viewing business license transactions, see *Managing Business License Transactions*.

The Transactions page provides a summary of permits and planning applications to agency staff only. Here are some of the things agency staff can do on the Transactions page:

- Manage application activity.
- Create or resubmit permit and planning applications on behalf of applicants.
- Cancel pending and payment pending applications on behalf of applicants.
- Manually enter fee payments on behalf of applicants.
- Copy an existing permit, planning application, or a pre-application into a new application.
- Access details about permit and planning application activity.

Agency staff can access the Transactions page by clicking the **Permits** or **Planning Applications** tile on the agency springboard. You can access the list page on a phone as well as on a laptop or desktop computer. The layout changes based on the device you are using.

## Registered User View

From the registered user's landing page, registered users can access the applications list by selecting *Go to Applications* from the quick actions drop-down list or by clicking the **Applications** tile on the landing page for registered users.

Registered users who have applied for a permit or submitted a planning application for themselves or as a representative for someone else, see only the applications that they are associated with on the Applications page. A logged in user can access all the applications for which the user is:

- an applicant,
- a contact with application access, or
- the primary contact.

### Using the Applications Page

Applicants can apply for a new permit or planning application and also view the details of their submitted applications on their Applications list page. Contacts with application access who were added to an application by the applicant or by the agency staff can access the application detail and pay the fees. Contacts also see the applications they applied for themselves.

For information about adding and removing contact users, see *Working with Application Contacts*.

**Note:** If the applicant or the agency staff removes a contact from an application, then the application is no longer listed on the user's Applications page. Applications are not listed for those associated contacts who are neither the primary contact nor have application access.

The payments banner at the top of the page displays information if there is a payment due for the submitted permit or planning applications. The payment due details include the total amount payable, the number of applications the user is



associated with, and a **Make a Payment** button to pay for all or selected applications. Applicants and contacts can pay for all or selected applications. For more information, see [Making Payments](#).

Users can make a payment for individual applications by using the **Pay** button, which is displayed on the application record row when there is a payment due. The **Pay** button is also available in the application details on the Fees and Payments page. For more information, see [Working with Fees and Payments](#).

Elements on the Applications page are part of the several options available on the Transactions page, which is detailed in the next section.

## Using the Transactions Page

1. Select the **Permits, Parcel** or **Planning Applications** tile on the agency springboard.
2. Click the link for the specific type of application you want to view:
  - o **Business Licenses:** View a list of business license transactions.
  - o **Permits:** View a list of permit applications.
  - o **Planning Applications:** View a list of planning applications.
  - o **All:** View a list showing all transaction types.
3. You can use these actions to display permits or planning applications:

Page Element	Description
<b>Apply</b>	<p>Click to open the Apply page and select a type of application you want to apply from business license, permit, or planning applications.</p> <p>For more information, see <a href="#">Choosing an Application Type</a> and <a href="#">Completing an Application</a>.</p>
<b>Download</b>	<p>Click the download button to export the list to a .csv file.</p>
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">Last Updated ▼</div> <div style="border: 1px solid #ccc; padding: 5px;">Last 30 Days ▼</div>	<p>Click to select an option to filter applications based on when the application was last updated, submitted, created, or to show all data. If you select <b>Show All Data</b>, the page will show all records in the system without applying any filters.</p> <p>Click and select a period to apply the above filter – last 14, 30, or 60 days. If you use the Date Range option, you can select dates from the date picker and click the Refresh button to list the transactions for the selected period. This filter is not available when <b>Show All Data</b> is selected.</p> <p><b>Last Updated</b> and <b>Last 30 Days</b> are the default options. Once you make the changes, your settings will remain throughout your online session and reset to the default for the next session. You can have separate settings for Business Licenses, Permits, Planning Applications, and All pages.</p>
<b>Show All Statuses</b>	<p>Use this switch to filter the list based on transaction status:</p> <ul style="list-style-type: none"> <li>o If the switch is off, the list includes only active transactions.</li> </ul> <p>This is the default setting if any active transactions exist.</p>

Page Element	Description
	<ul style="list-style-type: none"> <li>○ If the switch is on, the list includes transactions in all statuses, including active, inactive, canceled and withdrawn applications.</li> </ul> <p>This is the default setting if there aren't any active transactions.</p>
<b>Search</b>	<p>Search by alphanumeric characters on the fields for permits or planning applications in the list. The permits or planning applications that meet the search criteria are displayed on the page.</p> <p>When you search on dates, use this format: MM/DD/YYYY.</p> <p>Search results display only the primary address for the permit or planning application. You can confirm the correct transaction by clicking the row for the permit or planning application and reviewing all of the associated addresses in the application details.</p>
<b>Filter By</b>	<p>Apply filters to display permits or planning applications that contain the selected parameter values in the list. Click the filter button to open the filter options, where you can define, modify, and save your own filters.</p> <p><b>CAUTION:</b> When defining filters, if you select <b>Creation Date</b> or <b>Submission Date</b>, then ensure that the <b>Show All Records</b> option is selected from the Quick Filter described above.</p> <p>As a planner, you can also find the planning applications assigned to you or unassigned applications by selecting predefined filters, <i>My Assigned Applications</i> or <i>Unassigned Applications</i>, respectively.</p>
<b>Sort By</b>	<p>In the <b>List View</b>, you can use the <b>Sort By</b> button to arrange the permits or planning applications.</p> <p>Here are some of the sorting options:</p> <ul style="list-style-type: none"> <li>○ <i>Application</i></li> <li>○ <i>Type</i></li> <li>○ <i>Status</i></li> <li>○ <i>Creation Date</i></li> <li>○ <i>Submission Date</i></li> <li>○ <i>Description</i></li> <li>○ <i>Applicant</i></li> <li>○ <i>Created By</i></li> <li>○ <i>Submitted By</i></li> <li>○ <i>Total Fees</i></li> <li>○ <i>Total Due</i></li> <li>○ <i>Expiration Date</i></li> </ul>
<b>List View</b>	View the inventory of permits or planning applications in a list.




Page Element	Description
<b>Grid View</b>	In the <b>Grid View</b> , you can sort by selecting the column header. Some columns will have multiple sort fields. You can reset the sort order, by refreshing the page.
<b>Map View</b>	<p>View the inventory of permits or planning applications on an interactive map.</p> <p>The map view includes a left frame with a list of items and a right frame with a map that has markers to show the locations of the items on the list. You can click a list item to zoom to its marker on the map.</p> <p>The search and filter options in the map view are the same options that you have in the list and grid views.</p> <p>See <i>Viewing Map Markers</i>.</p>

## Managing Application Activity

1. Select the **Permits** or **Planning Applications** tile on the agency springboard.
2. You can go to a specific type of application on the Transactions page:
  - o **Business Licenses:** View a list of business license transactions.
  - o **Permits:** View a list of permit applications.
  - o **Planning Applications:** View a list of planning applications.
  - o **All:** View a list showing all transaction types.
3. Use the information on the Transactions page to manage applications created by public users.

Here are some of the information you can look at:

Page Element	Description
<b>Application</b>	<p>View the application ID, application type, and status.</p> <p>Review the application status, for example, <i>Payment Pending</i>, <i>Submitted</i>, <i>Pending</i>, <i>Permit Issued</i>, and so on.</p>
<b>Property</b>	<p>View parcel information.</p> <p>Review the parcel information, including the street address, if available.</p> <p>The transaction list displays only the primary address. You can review all of the addresses associated with the application in the details, which you access by clicking the application row.</p>

Page Element	Description
	<p>You can sort the Property column based on property details, such as street, address, and city. You can also sort the Additional Information column on the basis of dates, such as creation, submission and expiration, as well as names of applicant, created by and submitted by users.</p>
<b>Description</b>	<p>View the description of the application entered on the application form or on the Overview page in the permit or planning application details.</p>
<b>Additional Information</b>	<p>Review the name of the person who created or submitted the application, and the corresponding date. For example, the application was <i>Created by John Doe on 12/20/2018</i>.</p> <p>Review the permit or planning applicant's name. This may not be the same as the person who created the request. For example, <i>Applicant: John Doe</i>.</p> <p>View expiration notifications. For example, <i>Expires in 1 day or Expired on 10/01/2019</i>.</p>
<b>Planner</b>	<p>View the planner assigned to a planning application. This field appears only on the <b>Planning Applications</b> list.</p>
<b>Fees</b>	<p>Review the total fees that are applicable to the permit or planning application and a fee balance if the total has not been paid.</p>
	<p>Select the <b>Pay</b> button in the <b>Actions</b> column to submit a payment on behalf of the applicant.</p> <p>The <b>Pay</b> button takes agency staff to the Pay Fees page where you can initiate a full or partial payment for the application fees. The <b>Pay</b> button on the Applications page takes applicants and contacts with application access directly to the Checkout page. Only agency staff can initiate partial payments.</p> <p>If the application status is <i>Payment Pending</i>, full payment is required. That is, fees that are due when you submit an application must be paid in full.</p> <p>For more information about paying fees, see the <a href="#">Payment Flow Overview</a>.</p>
	<p>Select the <b>Resubmit</b> button to resubmit an application.</p> <p>The application status is <i>Pending Submit</i> because there may be a problem initiating workflow. Click the <b>Resubmit</b> button to retry initiating workflow.</p> <p>Resubmitting the application does not affect the fee calculations.</p>
	<p>Select the <b>Actions</b> button for options:</p> <ul style="list-style-type: none"> <li>○ <i>Copy Application</i>: Click to copy the details of the selected application to a new application.</li> </ul>

Page Element	Description
	<ul style="list-style-type: none"> <li>○ <i>Cancel Application</i>: Click to cancel an application with a pending or payment pending status. The button appears only when the application has a pending status.</li> </ul> <p><b>Note:</b> This option is available only for applicants and agency staff.</p>

## Identifying Transactions Page Icons

The icons on the Transactions page help you identify application activity. Let’s look at the icons:

Icon	Description
	Indicates that there was an error during the submittal process and the application status is pending submittal. There may be a problem initiating workflow. Click the <b>Resubmit</b> button to retry initiating workflow.
	Indicates that the permit or planning application is part of one or more projects. For more information, see <a href="#">Viewing Project Summaries</a> .
	Indicates the planning application is classified as a pre-application.
 (Hold)	Indicates that a condition has been placed on the application.  If multiple conditions are applied, then the icon displays the most severe condition. Click the icon to see a list of all applicable conditions, including the condition name, severity, description, and when the condition was applied. Click a condition row to open the application's Conditions details page in a new window.  A <b>Lock</b> condition enforces all rules to restrict permit and planning application activity associated with a license. A <b>Hold</b> condition indicates that one or more rules apply. And the <b>Notice</b> condition shows there's an issue but no restrictions.  The agency sets up conditions. For more information about conditions, see <a href="#">Applying Conditions to Applications</a> .
 (Lock)	
 (Notice)	

## Starting an Application

Here are two ways that you can start new applications for applicants from the Agency Springboard. Both options take you to the Apply page, where you can choose an application type to begin the application.

- In the **I Want To** quick actions section, select *Start an Application*.
- Select the **Permits** or **Planning Applications** tile.

Click **Apply** on the Transactions page.

For more information, see [Choosing an Application Type](#).

For more information about filling out an application, see [Completing an Application](#).

## Updating an Application

As agency staff, you can update existing applications. Only agency staff can update applications that have already been submitted.

If an application has a pending status, the applicant can make updates to the application. When the applicant selects a pending permit or planning application on their Applications list page, the service directs them back to the application form.

Here's how you update an existing application from the Agency Springboard:

1. Select the **Permits** or **Planning Applications** tile.
2. Click the row for the selected application to open the details.
3. Go to the page for the information of the existing application that you would like to update, using the links in the left navigation panel. The actions vary by your role and the specific page.

For more information, see [Working with Permit Details](#).

## Canceling a Pending Application

Agency staff and registered public users can cancel an application with a *Pending* or *Payment Pending* status on the Transactions page using the **Cancel Application** action button.

For more information about canceling a pending application, see [Canceling an Application](#).

## Entering Application Fee Payments

Applicants and contacts can pay their fees online by clicking the **Make a Payment** button on the registered user landing page or on their Applications page, which takes them to the Make a Payment page. They then select applications to pay and proceed to checkout. Applicants can also pay for an individual application from the Applications page or the application's Fees and Payments page.

Instead of going through the Make a Payment page, agency staff initiate a payment on behalf of the applicant using the **Pay** button for the application on the Transactions page as shown here:

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. Click the **Pay** button for the selected application with an outstanding fee balance.
3. The **Pay** button takes you to the Pay Fees page where you can initiate a full or partial payment and proceed to checkout in payment services.

For information about paying fees for an individual application from the application's Fees and Payments page, see [Working with Fees and Payments](#).

## Copying an Application

Applicants and agency staff can copy an existing application into a new application using the **Copy Application** action button on the Transactions page.

For more information, see [Copying an Application](#).

## Accessing Application Details

You can access application details from the Transactions page.

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. Click the row for the selected application on the Transactions page.

The Overview page for the application appears in the content pane of the details page.

For more information about the overview of permit details, see [Viewing the Permit Summary](#).

For more information about the overview of planning application details, see [Viewing the Planning Application Detail Overview](#).

## Copying an Application

Agency staff and applicants can copy existing permit, planning applications, or business license applications into new ones using the Copy Application option. You select which attributes to copy from the source application.

Applicants can copy their own applications from the Applications page. Agency staff with the appropriate access can copy applications from the Transactions page.

To copy an application:

1. Select the **Permits**, **Planning Applications** or **Business License Transactions** tile on the Agency Springboard.
2. On the Transactions page, find the permit, planning application, pre-application, or business license application that you want to copy. To copy a consultation application, see [Working with Consultation Outcome](#).
3. Click the **Actions** icon in the row of the application you want to copy.
4. Click the **Copy Application** action.
5. On the Copy Application page, review the details and make any changes to the field values:

Page Element	Description
<b>Copy From</b>	Displays the application ID and the application type of the source application.

Use the **Copy To** section to enter values:

Page Element	Description
<b>Applicant</b>	<p>Search for and select a different applicant if you don't want the source applicant to be the applicant for your new application. The source applicant is the default selection.</p> <p><b>Note:</b> Registered public users can't change the applicant.</p>

Page Element	Description
<b>Application Type</b> (enterable)	Select the application type for the new application. The application type from the source application is the default value.
<b>Description</b>	Review and optionally modify the description of the source application to create the description for the new application.

6. Use the **Copying** section to control which information gets copied to the new application.

The options displayed in this section are determined by the source application type and the new application type:

**Note:** Custom fields in the intake form are not controlled by these options. If the new application type is the same as the source application type, then data from custom fields is always copied. Custom data is not copied when the application types are different.

Page Element	Description
<b>Application Details</b>	<p>Select this check box to copy application data from predefined field groups other than the ones that are controlled by separate check boxes (that is, field groups other than property, contacts, contractor, authorized agents, and business information).</p> <p>If the new application type is different from the source application type, copying only occurs for sections that exist in both the application types.</p>
<b>Contacts</b>	<p>Select this check box to copy contacts from the source application.</p> <p>If the new application type doesn't include the Contacts predefined field group, contact information is not visible in the intake form, but it's still copied to the new transaction.</p>
<b>Contractor</b>	<p>Select this check box to copy contractor and authorized agent information from the source application.</p> <p>Copying adds the contractor license number to the new application. If the license number exists in the main contractor records, then the rest of the contractor data is pulled from the main records into the new application. If the license number doesn't exist in the main contractor records, then all data is copied from the source application.</p> <p>The authorized agent data indicates if the applicant is an authorized agent for the contractor. The logic for copying this data depends on how the applicant information is handled:</p> <ul style="list-style-type: none"> <li>○ If a public user copies an application, and the user's account profile indicates that the profile is for a contractor, the authorized agent data is copied.</li> <li>○ If agency staff copies from a planning pre-application to a regular application, the applicant information and authorized agent data is copied.</li> </ul>



Page Element	Description
	<ul style="list-style-type: none"> <li>If agency staff copies from a regular application to another regular application, the applicant information is not copied, and therefore the authorized agent data isn't copied. If the new application type doesn't include the contractor and authorized agent predefined field groups, the data is not visible in the intake form, but it's still copied to the new transaction.</li> </ul>
<b>Property</b>	<p>Select this check box to copy the property information from the source application.</p> <p>If the new application type doesn't include the Property predefined field group, property information is not visible in the intake form, but it's still copied to the new transaction.</p>
<b>Business Information</b>	<p>Select this check box to copy the business information from the source application.</p> <p>Business owners are necessarily copied to the new application. You can turn off the <b>Business Location</b> check box if you want to add a new location to your application.</p>

7. Click **Copy Application**. The new application intake form opens.

You can view this form in either a *Single-Page View* or *Multi-Page View* of the sections. In the new application intake form, you can see the information copied from the source application. You can also add further details to the new application. The intake form contains a **Fee Summary** section that displays the types of fees and the total fees associated with the new application.

The Contact Details section displays the contact information that is copied over from the source application. If you selected a new applicant in the *Copy To* section, then the contact list in the new application adds the new applicant as the primary contact. If you retained the source applicant, the contact list adds the source applicant as the primary contact. The primary contact has the same application access as the applicant regardless of the access defined for their contact type.

The copied business license application will be of activity type Origination regardless of the source business application activity type—Amendment or Renewal.

From the **Review** page, you can take a final look at the application before submitting. You can use the **Edit** button in each section to enter any missing information and submit the form.

## Canceling an Application



Agency staff and applicants can cancel applications in a pending or payment pending status that have not yet been submitted.

**CAUTION:** When you cancel a pending application, the action is permanent. There isn't any way to restore a canceled application.

The system status for the application changes from *Pending* or *Payment pending* to *Voided*.

For information about withdrawing an application that was submitted and is already in progress, see [Withdrawing an Application](#).

This example illustrates the Transactions page, where agency staff can delete an application. The steps are described in the following text. The **Cancel Application** link is called out with a red box.

Created by Joe Green on 12/5/19 Applicant: William Brown	Fees Balance	158.13 USD 158.13 USD	 
Created by Lola Nguyen on 12/5/19 Applicant: William Brown	No fees		<div style="border: 1px solid gray; padding: 2px;">                 Copy Application             </div> <div style="border: 2px solid red; padding: 2px; margin-top: 2px;">                 Cancel Application             </div>

## Security Details for Canceling an Application

This section describes important security roles, requirements, or considerations specific to canceling an application.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Cancel Permit Application	Allows an agency user to cancel a pending permit application.	PSC System Administrator PSC Registered Public User PSC Principal Planner PSC Permits Supervisor PSC System Administrator PSC Permit Technician

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Cancel Planning Application	Allows an agency user to cancel a pending planning application.	PSC System Administrator PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Registered Public User PSC Principal Planner

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Canceling Pending Applications

The agency or applicants can cancel or void a pending or payment pending permit on the Transactions page for agencies or on the Applications page for registered public users. Registered public users can only cancel one of their own applications, Agency staff must have the correct access to cancel applications.

Let's go through the steps to cancel an application:

1. Select **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, find the permit or planning application with a pending or payment pending status that you want to cancel.
3. Click the **Actions** icon in the row of the application you want to cancel.
4. Click **Cancel Application**.
5. On the Cancel Application page, enter your reason for permanently canceling the application.
6. Click **OK**.

**Note:** When you cancel an application, the system also cancels any plan reviews that are associated with the application.

## Working with Permit Details

You find permit detail pages in a collection that consolidates all aspects of a permit application, such as contacts, communications, parcel information, fees and payments, plan reviews, inspections, workflow, contractors, and more.

The permit detail pages include the functionality you need to manage a permit throughout its lifecycle.

Here's how you access the permit detail pages:

1. Select the **Permits** tile on the Agency Springboard.
2. On the Transactions page, click the row for a permit.

**Note:** A condition icon is displayed on the row if a permit application has a condition applied to it. If multiple conditions are applied, then the icon displays the most severe condition. Click the icon to see a list of all applicable conditions, including the condition name, severity, description, and when the condition was applied. Click a condition row to open the Parcel Conditions page in a new window.

3. Navigate to permit information using the links in the left panel.

The permit detail pages help you find information about a specific permit:

Page Name	Description
Overview	View the core information regarding the selected permit with links to more detail. See <a href="#">Viewing the Permit Summary</a> .
Property Information	View parcel data from the permit application and a map of the parcel location. See <a href="#">Working with Property Information</a> .

Page Name	Description
Workflow	View the workflow status of each task as defined by the agency using Oracle Integration Cloud (OIC).  See <a href="#">Using Workflow</a> .
Application Details	Review information captured during the application intake that is specific to the permit type. For example, for a solar permit, the applicant enters the number of solar panels to be installed.  See <a href="#">Viewing Permit Application Details</a> .
Plan Reviews	Perform administrative tasks for review cycles as a plan coordinator and perform reviews of building plan documents prior to permit issuance as a plan reviewer on the Plan Review page.  See <a href="#">Managing Plan Review Cycles</a> .
Contractor	Identify the contractors who are performing the work identified in the permit or planning application, and indicate whether the applicant is an authorized agent of the contractor (for example, an employee of the contractor).  See <a href="#">Working with Contractors and Agents in Applications</a> .
Contacts	Review and add contacts for the permit.  See <a href="#">Working with Application Contacts</a> .
Conditions	Review conditions placed on the permit or person that must be resolved to complete the permit process.  See <a href="#">Applying Conditions to Applications</a> .
Attachments	View a list of files and upload or download documents on this page. You can also view and upload required documents on this page.  <a href="#">Working with Attachments</a> .
Comments	Review or add comments pertaining to this permit.  <a href="#">Working with Comments</a> .
Inspections	Review a consolidated list of inspections related to a permit. As a permit coordinator, you manage inspection activity for the permit on this page.  See <a href="#">Managing Inspections for a Permit</a> .
Time Recording	Review time entries for work performed on the inspections and plan reviews for the permit. You can assess fees for time entries that haven't yet been billed.  See <a href="#">Assessing Fees for Time Entries</a> .
Fees and Payments	Review fees assessed and payments due. You can also add ad hoc fee items, use the fee calculator for additional fees, and adjust, refund, and pay fees from this page.  See <a href="#">Working with Fees and Payments</a> .

Page Name	Description
Projects	View the summary of projects associated with a permit in the permit details. The permit can be assigned to multiple projects.  See <a href="#">Viewing Project Summaries</a> .
Communications	Send ad hoc email messages and notifications associated with this permit.  See <a href="#">Working with Communications</a> and <a href="#">Working with Ad Hoc Communications</a> .
Status History	View the history of application status changes.  See <a href="#">Viewing Application Status History</a> .
Related Transactions	Create and view links between transactions.  See <a href="#">Working with Related Transactions</a> .

## Viewing the Permit Summary

You view a permit summary on the Overview page, where you get a snapshot of information regarding a permit with links to more detail.

When you access the details for a permit, you see a summary of the permit activity.

The header of the summary page displays the address of the primary parcel and its physical location on a map. This information is updated to show the latest activity. For example, when the primary parcel address detail is modified on the Property Information page, the same is automatically updated in the header and in the permit Overview page.

Only agency staff can update the date the application was received or withdraw an in-progress application on the Overview page. Both agency staff and the applicant can add a description of the application.

**Tip:** As agency staff, you can access this page on a phone as well as on a laptop or desktop computer. The layout and some functionality change based on the device you are using. For more information about using the overview page on a phone in the Oracle Inspector mobile application, see [Viewing the Mobile Permit Summary](#).

## Using the Overview Page

1. Navigate to **Permits > Permits** or click the **Permits** tile on the Agency Springboard.
2. On the Transactions page, click the row for a selected permit to open the Overview page.
3. On the Overview page, review details or enter information in the **Overview** section:

Page Element	Description
Status	Review the application status.

Page Element	Description
<b>Completed Date</b>	Review the date the application was completed.
<b>Description</b>	Enter a description of the application by clicking the <b>Add</b> link in the <b>Description</b> field. The agency staff or applicant can add a description.
<b>Submitted By</b>	Review the name of the person who submitted the application and the date when it was submitted.
<b>Received Date</b>	<p>Review the date when the permit application was received. Agency staff enters the date, which is on or before the submission date, when filling out the intake form on behalf of the applicant. Agency staff can update the received date here on the Overview page.</p> <p>For applicants submitting their application online, the received date field isn't available in the intake form or on the Overview page.</p>
<b>Expiration Date and Extend</b>	<p>Review the expiration date of the application.</p> <p>If the <b>Extend</b> link is available next to the <b>Expiration Date</b> field, agency staff can enter a new expiration date that allows more time before the application or permit expires. You must have appropriate permissions associated with your role to manually extend a permit.</p> <p>Expiration notifications appear below the expiration date. Depending on how the agency set up the expiration rules for the permit type, you'll see a notification that the application expires in the displayed number of days.</p> <p>For more information about working with application expiration, see <a href="#">Expiration Overview</a> and <a href="#">Working with Application Expiration</a>.</p>
<b>Withdraw Application</b>	<p>Click the <b>Withdraw Application</b> button to change the application to a withdrawn status. When you withdraw an application, any scheduled inspections or plan reviews are canceled.</p> <p>For more information about withdrawing an application, see <a href="#">Withdrawing an Application</a>.</p>
<b>Print Permit</b>	<p>Click to view the printable building permit. This button appears only after the permit is issued.</p> <p><b>Note:</b> This option is available for public users by default. You turn off the <b>Allow Public User to View</b> switch on the Permit Type page to make this option unavailable for public users. Also make sure your browser allows pop-up windows if you can't view the permit.</p> <p>See <a href="#">Setting Up Permit Types</a>.</p>

Page Element	Description
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4. Review information about the selected permit in the sections and navigate to more details:

Page Element	Description
<b>Contacts</b>	<p>View the details of the primary contact and the name of the applicant.</p> <p>Click the <b>View Details</b> link to open the Contacts page, where you can add additional contacts.</p>
<b>Workflow</b>	<p>View a list of active and recently completed tasks, including the task status, assignment, last updated date, and number of days in the current status.</p> <p>Click the <b>View Details</b> link to open the Workflow page.</p>
<b>Inspections</b>	<p>View the number of scheduled, upcoming, and completed inspections, as well as the number of inspections that have passed and failed.</p> <p>Click the <b>View Details</b> link to open the Inspection List page.</p>
<b>Fees and Payments</b>	<p>View the total fees paid, amount due, and the date and amount of the last payment.</p> <p>Click the <b>View Details</b> link to open the Fees and Payments page.</p>
<b>Projects</b>	<p>View the projects to which this permit belongs.</p> <p>Click the <b>View Details</b> link to open the Projects page, where you can see the list of projects in more detail. Click the <b>Project ID</b> link to find out more about the project, which may contain other permits.</p> <p>The Projects section is available only when the permit is associated with a project.</p>
<b>Conditions of Approval</b>	<p>Review all the conditions of approval applied to the permit at various stages of the project, which are determined by the compliance period set up. If no conditions of approval are applied to the permit, a <b>Apply Conditions of Approval</b> link is available to apply new conditions.</p> <p>Click a dial to open the Conditions of Approval page, where you can see the list of conditions applied for the specific compliance period. You can use the <b>Resolve</b> switch to resolve the condition.</p> <p>See <i>Working with Permit Conditions of Approval</i>.</p>

Page Element	Description

**Note:** If you're using a phone, you can review a summary and access details for fees and payments, and projects, from the Overview page. For complete details, access permit applications using a laptop or desktop computer.

## Withdrawing an Application

Only agency staff can withdraw applications that have been submitted for processing and are in progress.

Agency staff can withdraw applications with a system status of *Submitted* or in-progress statuses on behalf of an applicant. An applicant can't initiate an application withdrawal in the system.

You can withdraw permit applications with one of these statuses:

- *Submitted*
- *In Progress*
- *Plan Review*
- *Permit Issued*
- *Inspection*

And you can withdraw planning applications with one of these statuses:

- *Submitted*
- *In Progress*
- *Hearing*

When you withdraw an application that is in progress, the system also cancels or withdraws any of the following that are associated with the application:

- Open permit inspections
- Open plan review cycles and reviewers
- Scheduled pre-application meetings
- Scheduled public hearings
- Tracked planning application activities

The system status of the application changes to *Withdrawn*.

For information about canceling an application that hasn't been submitted yet and is still in a pending status, see [Canceling an Application](#).

## Security Details for Withdrawing an Application

This section describes important security roles, requirements, or considerations specific to withdrawing an application.



Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Withdraw Permit Application	Allows an agency user to withdraw a permit application after submission.	PSC System Administrator PSC Principal Planner PSC Permits Supervisor PSC System Administrator PSC Permit Technician

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Withdraw Planning Application	Allows an agency user to withdraw a planning application after submission.	PSC System Administrator PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Principal Planner

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Withdrawing In-Progress Applications

You withdraw an application on the Overview page in the application details. Agency staff must have the correct permissions to withdraw an application.

To withdraw an application:

1. Select **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, click the row for the permit or planning application that you want to withdraw.
3. On the Overview page, click the **Withdraw Application** button.
4. On the Withdraw Application page, enter the reason for withdrawing the application.
5. Click **OK**.

## Reopening a Permit or Planning Application

Agency administrators can reopen permits or planning applications to add a new inspection, plan review or perform other actions based on the transaction status.

Agency administrators with the appropriate access can reopen applications from the Transactions page or the overview page using the Reopen Permit or Reopen Application option. You can reopen permits which are in either expired, completed or closed status. You can reopen the planning applications in the completed status. Once reopened, the

agency administrator can edit or update the permit or planning application to add a new inspection, plan review or perform other actions based on the transaction status.

To reopen a permit or planning application:

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, find the permit, planning application, or pre-application that you want to reopen.
3. Click the Actions icon in the row of the application you want to reopen.
4. Click the **Reopen Permit** or **Reopen Application** action.
5. On the Reopen Application page, use the following fields to update the permit or application information:

Page Element	Description
Select workflow task	Select the workflow task to be updated.
Update transaction status	By default, this field displays the status in which the permit or application was before it was reopened. From the drop-down menu, select the status to which you want to update the permit or application.
Update Expiration date	Enter a new date to provide an updated expiration date.  <b>Note:</b> Only permits which had an expiration date associated with it before it was reopened, will display this field.
Reopen Reason	Enter a reason for reopening the permit or planning application.

6. Click **Reopen**. You can now open the permit or planning application from the Transactions page.

**Note:** Permits and planning applications can have conditions applied to them. Once reopened, the permits and planning applications will not have any previously applied conditions associated with them. After reopening, if you want, you must manually apply the conditions to the permits and planning applications.

## Working with Property Information

Property information displays the properties and other GIS objects associated with a transaction. Use this page to add or remove associated GIS objects and to view GIS information collected during the application process.

Property information is configured on the application forms by the agency during the design process. When filling out an application, the public user enters information, which is then displayed in the detail pages of the transaction.

Only agency staff can update information on the Property Information page after an application has been submitted.

## Security Details for Working with Property Information

This section describes important security roles, requirements, or considerations specific to working with property information in Permits and Planning and Zoning.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
Anonymous access	View property information on permits.	All users including users without login
PSC Permit Property Management	Manage property information until it isn't closed.	PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Permits Management with Elevated Access	Manage property information at all times.	PSC Permits Supervisor PSC System Administrator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
Anonymous access	View property information on planning applications.	All users including users without login
PSC Planning and Zoning Property Management	Manage property information until it isn't closed.	PSC Planning Assistant PSC Associate Planner PSC Principal Planner
PSC Planning Application Management with Elevated Access	Manage property information at all times.	PSC Zoning Administrator PSC System Administrator

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Viewing Property Information

The Property Information page displays a list of properties associated with the application as well as GIS attributes and values from map layers collected during the application process.

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, click the row for the permit or planning application you are working with.
3. Click **Property Information** in the left panel.
4. Search for an existing property using the **Search Property** field. You can click the **Select from List** link to search for and select a property from the Search Property page.

The **Contains** and **Starts with** options allow you to refine your search results further using one of the check box options.

You can also use the Map icon to view a map and select the location.


**Note:** The primary parcel, address, and owner are identified by a green check mark. This address is also displayed in the header information of the summary page. Click the parcel number link to open the corresponding Parcel Details page in a new window.

5. Click a row to view detailed parcel, address, and owner information for the property on the Property Information modal page.
6. View the **Additional Property Reference** grid that contains GIS information for each property associated with the application.

The GIS attributes are retrieved from map layer content and saved in this grid in the application details after you select a property on the application. For each additional property that you select, the respective GIS attributes and values intersecting that property are also collected. The captured attributes may only be visible to agency staff, depending on the application design.

**Note:** The agency sets up the map services, map layers, and object attributes for collecting GIS information on the Map Layer Content tab of the GIS Attribute Mapping page. For more information, see [Setting Up GIS Attribute Mapping](#). For information about selecting the attributes to collect on an application form, see "Working with Property Field Groups" in [Using Predefined Field Groups](#).

Page Element	Description
<b>Map Service</b>	Displays the name of the map service used to collect the GIS attributes and values from the map layers.
<b>Layer</b>	Displays the name of the layer that contains the attribute. For example, <i>Flood Zone</i> or <i>Fire District</i> .
<b>Attribute</b>	Displays the name of the GIS object attribute in the map layer. For example, <i>Risk Level</i> .
<b>Value</b>	Displays the value of the attribute from the map layer. For example, the value for the <i>Risk Level</i> attribute label can be <i>Low</i> .

Page Element	Description
	<p><b>Note:</b> Agency staff can manually update the <b>Value</b> field. Click <b>Edit</b> for the GIS information row.</p>
<b>Location Type</b>	Displays whether this property is a parcel, address, or object.
<b>Location Reference</b>	Displays the reference number for the property.
	<p>Click the button to recover the GIS attributes and their values from the map service.</p> <p><b>CAUTION:</b> Clicking <b>Refresh</b> overwrites any manually updated values with the map service values.</p>

## Adding New Properties

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, click the row for the permit or planning application you are working with.
3. Click Property Information in the left panel.
4. Click **Select from List** next to the **Search** field.
5. On the Search Property page, click **Create New**.
6. Enter parcel, address, and owner information on the Property Information modal page.

**Note:** You can enter only address information and leave the parcel and owner information blank. Likewise, you can enter only parcel information, or only parcel and owner information, and leave the address information blank. You cannot enter owner information without first selecting a parcel.

**Note:** By default, the first property that you add is designated as the primary parcel, address, and owner for the application.

## Adding Existing Properties

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, click the row for the permit or planning application you are working with.
3. Click Property Information in the left panel.
4. To add a single property:
  - a. Use the **Search Property** field to find the property that you want to add.  
You can search by parcel address. Properties with a parcel status of *Retired* do not appear in the search results.
  - b. Click the property to add it to transaction. The selection appears in the grid on the Property Information page.

5. To add multiple properties:
  - a. Click **Select from List** to access the Search Property modal page.
  - b. Search for the properties that you want to add and select the check box next to them.  
You can search by parcel address. Properties with a parcel status of *Retired* do not appear in the search results.  
You can view all of the selected properties in the Selections tab.
  - c. Click **Done**. All of the properties that you selected appear in the grid on the Property Information page.

**Note:** By default, the first property that you add is designated as the primary parcel, address, and owner for the application.

## Adding Properties and Other GIS Objects from the Map View

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, click the row for the permit or planning application you are working with.
3. Click Property Information in the left panel.
4. Click the **Map View** icon.
5. Use map tools such as searching or zooming to locate the GIS object on the map.
6. Click the object.

The object is highlighted on the map and added to the list of objects associated with the transaction.

**Note:** By default, the first property that you add is designated as the primary parcel, address, and owner for the application.

## Modifying Property Details

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, click the row for the permit or planning application you are working with.
3. Click Property Information in the left panel.
4. Click the **Edit** icon next to the property that you want to modify.

**Note:** This icon is not available for GIS objects that are not related to a property, so you can't edit them.

5. Update parcel, address, and owner information on the Property Information modal page.

**Note:** If the selected property has its parcel or address assigned as primary for the transaction, then you can't disable the **Primary** switch. You must first assign another parcel or address as primary, which automatically changes the selected property to non- primary.

6. Click **Save**. If you have modified the primary parcel address, the header of the summary page now shows the updated address.

## Deleting a Property

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. On the Transactions page, click the row for the permit or planning application you are working with.
3. Click Property Information in the left panel.

4. On the Property Information page, click the **Delete** icon next to the property that you want to remove from the application.

**Note:** You can't delete a property that has its parcel or address assigned as primary for the transaction. You must first assign another parcel or address as primary and then delete the non-primary property.

5. Click **OK** to confirm the deletion.

**Note:** Deleting a property automatically deletes any associated property conditions that are applied to the permit or planning application that you are working with. You can't delete a property if that's the only property added to the application.

## Viewing Permit Application Details

You review information captured during the application intake that is specific to the permit type in the application details. Some agency staff can update the permit details captured from the application.

When an agency designs the application form for a specific type of permit, they use elements that capture the information necessary for evaluating adherence to permit requirements. For example, for a solar permit, an applicant would enter data about the job (type of work, job cost, and so on) and solar details (type of roof, roof area, number of solar panels, and so on). These application details are reflected on the application details page for the permit.

Permit Application Details	Description
Construction Information	Captures information regarding the current construction site and the proposed construction project.
Demolition	Captures information related to the scope of the demolition and if hazardous materials or utilities need to be considered—such as electricity, gas, water, and so on—when demolition is required as part of the job.
Electrical Equipment	Describes electrical features, such as outlet types, amps, voltage, and electric appliances.
Fence Information	Describes the proposed fence attributes, such as type, material, dimensions, location, and so on.
Grading Information	Describes the scope of grading work, such as the acreage affected, materials to be used and the amount of material.
Insurance	Provides a contractor's insurance type and policy information.
License Qualification	Enables a contractor to add any state licenses they have.
Mechanical Equipment	Describes features of the job site related to ventilation, heating, cooling, fire safety, and so on.
Photovoltaic Information	Describes attributes of a site's solar energy configuration, such as roof area, coverage area, inverter information, and so on.

Permit Application Details	Description
Plumbing Equipment	Describes attributes of a site's plumbing configuration.
Pool Information	Describes attributes of a pool, such as type, depth, location, surrounding fencing, and so on.
Property Information	Describes the parcel as it is registered with the municipality, such as the parcel ID, parcel type, and so on.
Regulated Business Activity	Enables you to specify any regulated activity or controlled substances allowed on the premises, such as alcohol, carnival rides, casino games, and so on.
Right of Way Use	Enables you to provide any details related to the use of a right-of-way on the property or to gain access to the property, such as traffic, parking, or pedestrian impact.
Roof Information	Describes features of a structure's roof, such as existing roof type, proposed roof type, number of layers, and so on.
Site and Zoning	Describes features of the property related to acreage, flood preparedness, as well as zoning and land usage information.
Special Event	Enables applicants to specify information about an event, including the safety plan, concessions, facilities, potential impacts, and traffic plans.
Yard Sale	Enables applicants to specify yard sale information, such as the start time, end time, and the number of days.

## Updating Permit Application Details

The fields available to update depend on the permit details on the application form.

1. Select the **Permits** tile on the Agency Springboard.
2. On the Transactions page, click the row for the permit.
3. Click **Permit Information** to expand the section in the left navigation panel.
4. Click **Application Details**.
5. On the Application Details page, click the **Edit** button.
6. Update available fields on the page.
7. Click the **Done** button to save.

## Using Workflow

This topic describes how to manage the underlying workflow associated with permits, planning applications, business licenses, and code enforcement cases.

Workflow provides a defined structure for business licenses, permits, planning applications, and code enforcement life cycles. Each transaction is associated with a workflow process definition that guides the transaction automatically through the process of application submission to completion. The process definition is a collection of tasks completed



by humans and tasks completed by the system. For example, humans perform manual steps such as approving a permit application, while the workflow engine performs automated steps such as updating inspection statuses or sending communications.

Managing workflow tasks consists of updating the assignment, status, and priority for a task that a human performs during the transaction cycle. You can also add comments to a task and edit workflow comments.

You don't use workflow functionality to perform the actual task. If workflow includes a task to review plans, you need to review the plans manually and record your plan review decision in the plan review pages and update the status of the workflow task to indicate the result, such as setting the status to *Complete*. As an inspector, when you approve the final inspection, the workflow engine automatically changes the inspection task in the workflow to complete.

## Security Details for Using Workflow

This section describes important security roles, requirements, or considerations specific to using workflow.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Permit Workflow Administration	Administer permits workflows.	PSC System Administrator PSC Permits Supervisor PSC System Administrator
PSC Permits Workflow User	Participate in permit workflow, add, update comments and attachments on workflow	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC Update Permit Workflow Comments added by others and self	Update permit workflow comments added by others and self	PSC System Administrator
PSC Update Permit Workflow Comments added by self	Update permit workflow comments added by self	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector PSC Principal Planner

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC Delete Permit Workflow Comments added by others and self	Delete permit workflow comments added by others and self	PSC System Administrator
PSC Delete Permit Workflow Comments added by self	Delete permit workflow comments added by self	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC View Permit Workflow Attachments	View permit workflow attachments	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC Update Permit Workflow Attachments that were added by others and self	Update permit workflow attachments that were added by others and self	PSC System Administrator
PSC Update Permit Workflow Attachments that were added by self	Update permit workflow attachments that were added by self	PSC Inspections Supervisor PSC Finance Administrator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC Delete Permit Workflow Attachments that were added by others and self	Delete permit workflow attachments that were added by others and self	PSC System Administrator
PSC Delete Permit Workflow Attachments that were added by self	Delete permit workflow attachments that were added by self	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC View Hidden from Public sections in the Permit Applications	View hidden from public sections in the permit and planning detail form.	PSC Agency Staff - All agency users
PSC Add Comments to Permit Workflow Task assigned to anyone	Add comments to permit workflow task assigned to anyone	PSC System Administrator
PSC Add Comments to Permit Workflow Task assigned to self	Add comments to permit workflow task assigned to self	PSC Permits Workflow User Duty

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Planning and Zoning Workflow User	Participate in workflow, add, update,your tasks, comments and attachments	PSC System Administrator PSC Zoning Administrator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Planning Assistant PSC Associate Planner PSC Finance Administrator PSC Economic Development Officer PSC Principal Planner
PSC Planning and Zoning Workflow Administration	Participate in workflow, manage all tasks, comments and attachments. The user should also be assigned the PCS Service Administrator role in IDCS.	PSC System Administrator
PSC Update Planning and Zoning Workflow Attachments added by others and self	Update planning and zoning workflow attachments added by others and themselves.	PSC System Administrator
PSC Delete Planning and Zoning Workflow Attachments Added by Others and Self	Delete planning and zoning workflow attachments added by others and themselves.	PSC System Administrator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Code Enforcement Workflow User	Participate in code enforcement workflow	PSC System Administrator PSC Code Enforcement Supervisor PSC Code Enforcement Officer PSC Code Enforcement Technician

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Workflow and Non-Workflow Tasks

Workflow tasks are defined in workflow process definitions within Oracle Integration Cloud (OIC). Agency staff manages these tasks using the Workflow page in the transaction details of a business license, permit, planning application, and code enforcement – incident or case page.

Oracle provides an additional page that agency staff can use to review both workflow and non-workflow tasks. For information about this functionality, see [Managing Tasks](#).

**Note:** You can view the workflow information for applications currently being processed as well as completed applications, if needed.

## Managing Workflow Tasks

Use the Workflow page to see past and current workflow tasks and to manage task assignments, status, priority, and comments. The Workflow page offers a two-panel view and a list view.

The list view is display-only and visible to both agency staff and registered public users. The two-panel view is for agency staff only.

## Managing Workflow Tasks in Code Enforcement

For Code Enforcement – Incident and Case, the Workflow pages give a two-panel view which can further be toggled between a stage view and a milestone view.

When an incident or case is created, all related workflow tasks are assigned to a group or role by default. If required, the agency administrator must manually assign a staff member to each workflow task.

When an incident or case is reassigned to another staff member, then only those workflow tasks that were assigned to the previous assignee will be automatically assigned to the new assignee. The remaining task assignments won't change.

### Workflow Task Assignment Changes with Reassignments

Consider an incident or case assigned to *Code Officer 1* and it has 3 workflow tasks, assigned to *Code Officer 1*, *Code Officer 2*, and *Code Officer 3* respectively.

When the incident or case is reassigned to *Code Officer New*, the workflow task that was assigned to *Code Officer 1* will be reassigned to *Code Officer New*, and the remaining tasks will remain assigned to *Code Officer 2* and *Code Officer 3* respectively.

## Using the Two-Panel View in Workflow for an Application

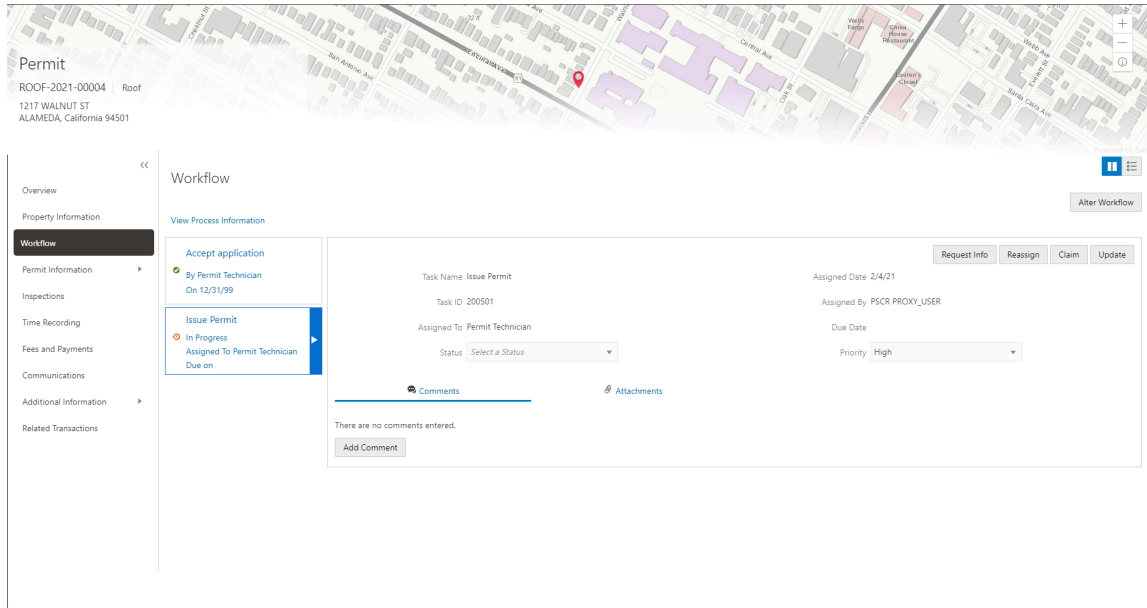
To manage workflow tasks in a two-panel view:

1. Select the **Business Licenses, Permits, Planning Applications, Incidents, or Cases** tile on the Agency Springboard.
2. Click the row for the business license, permit, planning application, incident or case you want to view.
3. Use the navigation links on the left side of the screen to select **Workflow**.

**Note:** By default, the Workflow page displays the two-panel view for agency users for Permits, Planning and Zoning, and Business Licenses.

4. Click the **Show Two-Panel View** button to display the two-panel view.

This example illustrates the Permits Workflow page in a two-panel view.



Panel	Description
Task summary cards on the left.	<p>The left panel lists completed and in progress tasks. Each task appears on a card that lists the following information:</p> <ul style="list-style-type: none"> <li>○ Task name</li> <li>○ Task status</li> </ul> <p>Although completed tasks can have a variety of statuses based on the outcome of the task, the status of an in progress task is always <i>In Progress</i>. If the workflow process definition uses parallel gateways, you might see multiple in-progress tasks.</p> <ul style="list-style-type: none"> <li>○ Assignee</li> </ul> <p>Tasks can be assigned to an individual, or they can be assigned to a group whose members can claim the task.</p> <ul style="list-style-type: none"> <li>○ Either the due date (for in progress tasks), or the last-updated date, which is the completion date for past tasks.</li> </ul>
Task details on the right.	<p>The right panel displays more details for the task that is selected in the left panel.</p> <p>If the task is in progress, use the right panel to change the task assignment, update the status and priority, or add task comments.</p> <p>Completed tasks are not updatable, but you can add comments to them.</p>

**Note:** You can update or assign a task only if it is in progress. You can add comments to tasks that are complete, but you cannot make other changes. You cannot make any changes to a task that is not started.

5. Select a workflow task from the left frame to see details in the right frame.
6. Review read-only task information.

These fields can't be updated regardless of the task status:

Page Element	Description
<b>Task Name</b>	The task name as defined in the OIC workflow engine. For example, the <i>Application Acceptance</i> task is for reviewing and accepting a permit or planning application that has been submitted.
<b>Task ID</b>	The identifier for this specific instance of a task. For example, multiple permits or planning applications have an <i>Application Acceptance</i> task, but the Task ID for accepting the application is unique for each permit or planning application.
<b>Assigned To</b>	The name of the individual who is assigned to the task, or, if the task isn't assigned to an individual, displays the name of the group or role that is responsible for the task.
<b>Assigned Date</b>	The date that the task assignment was last updated.
<b>Assigned By</b>	The name of the person who last updated the task assignment. When an assignee claims a task, the Assigned To and Assigned By names are the same.
<b>Due Date</b>	The date by which the task must be completed. The workflow process definition in OIC sets the due date. Generally the due date is defined as a specific amount of time after the task is started.

7. If the task is in progress, you can reassign it using these buttons:

Page Element	Description
<b>Reassign</b>	<p>Click to choose an assignee for the task.</p> <p>As a code enforcement agency staff you can assign your own workflow tasks to other officers or technicians who have the appropriate area of responsibility. Administrators with appropriate permissions can reassign workflow tasks for their staff.</p> <p>This assignment has no effect on the incident or case assignments. However, if you reassign an incident or case to another staff, any active workflow tasks assigned to the previous staff member are automatically reassigned to the new assignee.</p> <p>For details related to code enforcement tasks, see <i>Using the Code Officer Worklist</i> and <i>Using the Code Technician Worklist</i>.</p> <p>For details related to permits, planning and zoning, and business license application tasks, see <i>Managing Tasks</i>.</p>

Page Element	Description
<b>Claim</b>	<p>Click to assign the task to yourself.</p> <p>This button is visible only for tasks that are assigned to a group rather than to an individual.</p>
<b>Release</b>	<p>Click to remove yourself as the task assignee. The task is reassigned to its default group so that group members can see and claim the task.</p> <p>This button is visible only for tasks that are assigned to you.</p>

8. To update the status or priority of an in progress task, use these fields:

Page Element	Description
<b>Status</b>	<p>Select a status that represents the final outcome of the task.</p> <p>The task statuses depend on the workflow setup. For example, the available statuses for a task that requires a simple approval might be <i>Approve</i> and <i>Reject</i>. The workflow status of each task is defined by the agency using OIC.</p> <p>Other tasks might require different statuses. The sample workflow that Oracle provides includes these statuses for the task where you review an application: <i>Accepted – Plan Review Not Required</i>, <i>Accepted – Plan Review Required</i>, <i>Planner Assigned</i>, <i>Specialist Assigned</i>, <i>More Info Needed</i>, and <i>Reject</i>.</p> <p><b>Note:</b> Task statuses are not the same as application status. However, the workflow engine can update the application status based on the outcome of a task.</p>
<b>Priority</b>	<p>Set the priority to <i>High</i>, <i>Medium</i>, or <i>Low</i>. The priority is informational only.</p>

9. Click **Update** to save your changes.

When you save your changes, the system does the following:

- Sends an update to the workflow engine in OIC, triggering any subsequent tasks in the workflow.

For example, in a delivered sample workflow, approving a permit application triggers an update to the permit status, which triggers an email to the applicant. The workflow then reaches a decision point that checks whether a plan review is required. The next human step in the process is either completing a plan review or, if no review is required, issuing the permit.

- Refreshes the Workflow page, which becomes read-only if the task is complete. Processing time can vary.



## Using the Stage View or Milestone View in Code Enforcement

The Code Enforcement – Incident and Case Workflow pages display in a two-panel view, with a Task panel and Task Details panel. With Code Enforcement, the underlying process definition differs from the type used for permits or planning applications. A process definition used for Code Enforcement is a *dynamic* process definition based on stages and milestones.

The two-panel view can further be toggled between a stage view and milestone view. In the stage view, the agency staff gets a quick indication of the number of stages in the workflow as buttons at the top of the page. You can click a stage to view details in the task panels below.

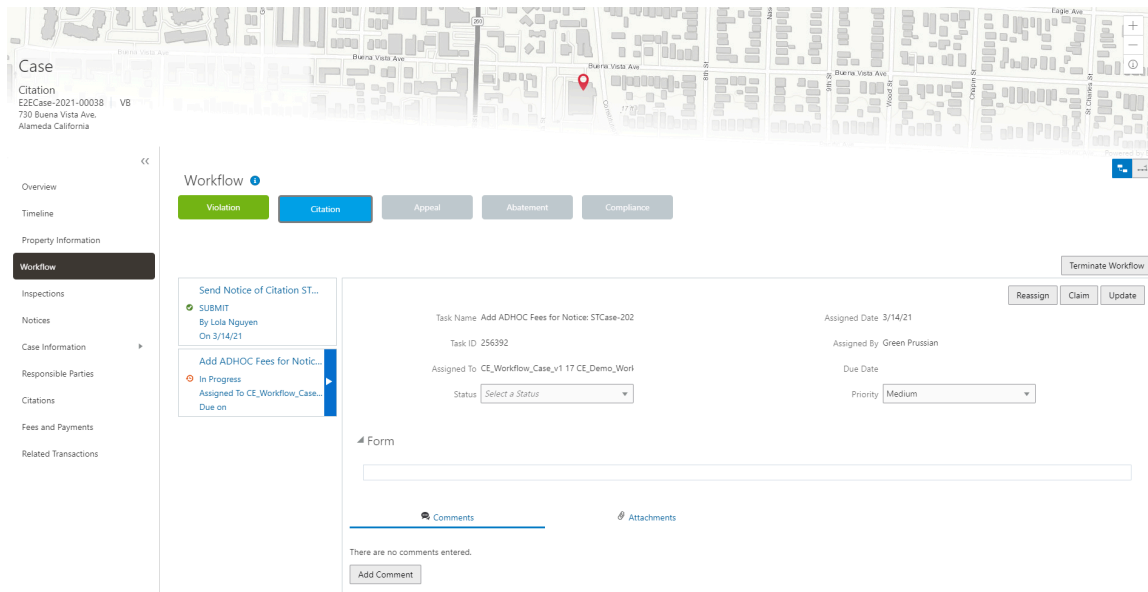
In the milestone view, the agency staff can see a time line of tasks and dates on which they were completed for the selected incident or case at the top of the page. Details are displayed in the task panels below. By default, the Code Enforcement – Incident and Case Workflow pages display a stage view.

To access Incident or Case Workflow page in the two-panel, stage view:

1. Select the **Incidents** or **Cases** tile on the Agency Springboard.
2. Click the row for the incident you want to view. Or click the **View Details** button for the case you want to view.
3. Use the navigation links in the left frame to select **Workflow**.

By default, the Workflow page for Code Enforcement displays stage view, showing the two-panel view below.

This example illustrates the Code Enforcement – Case Workflow page in a two-panel, stage view.



Page Element	Description
<b>Stage View</b> and <b>Milestone View</b> icons	Use these buttons to toggle between the stage and milestone views.
<b>Stages</b>	Click the stage buttons at the top of the Workflow page to open the tasks associated with it in the task panels below.

Page Element	Description
	<p>The names of these stages and their labels are displayed as configured in the Oracle Integration Cloud (OIC) that are defined by the agency. The stages are represented in different colors to show their status:</p> <ul style="list-style-type: none"> <li>○ Blue: Active</li> <li>○ Green: Completed</li> <li>○ Gray: Not active or Terminated</li> </ul> <p>You can click the buttons in the active and completed stages to view their details in the Task Details panel.</p> <p>Examples of stages that appear in an incident's workflow include <i>Reported</i>, <i>Inspection</i>, <i>Violation</i>, <i>Legal</i>, and <i>Closed</i>.</p>
<p><b>Terminate Workflow</b></p>	<p>Click this button to stop or terminate a workflow.</p> <p>Once a workflow has started, the Terminate Workflow button allows an agency staff to stop the workflow at any stage without completing the remaining tasks. This action terminates or cancels all the tasks in the workflow, even if it was open for an agency staff.</p> <p><b>Note:</b> You can't activate a terminated workflow.</p>
<p><b>Form</b></p>	<p>Use the form to review any information entered by the code enforcement officer or to enter your own information.</p> <p>Code Enforcement – Incident and Case Workflow pages have an option to include a form or a checklist in the Task Details panel. The agency can customize the form for their specific requirement.</p>

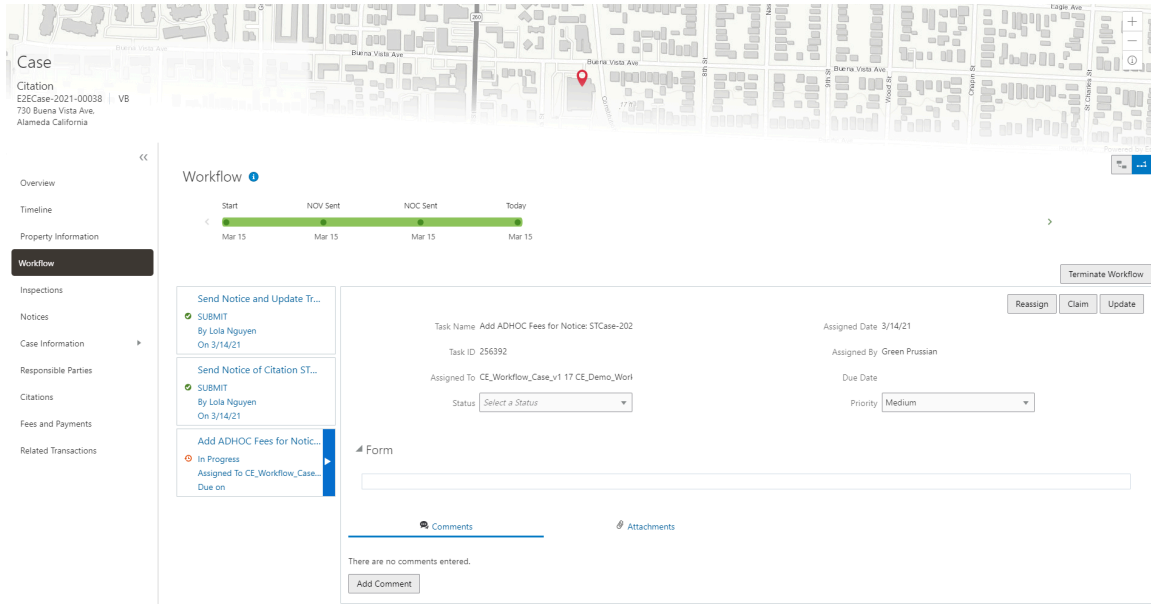
To access the Incident or Case Workflow page in the two-panel, milestone view:

1. Select the **Incidents** or **Cases** tile on the Agency Springboard.
2. Click the row for the incident or case you want to view.
3. Use the navigation links in the left frame to select **Workflow**.

The Workflow page appears on the right side of the page.

4. By default, the stage view is displayed. Click the **Milestone View** icon to toggle the view.

This example illustrates the Code Enforcement – Case details workflow page in a two-panel, milestone view.



Page Element	Description
<b>Stage View</b> and <b>Milestone View</b> icons	Use these buttons to toggle between the stage and milestone views.
<b>Milestones</b>	Displays the milestone tasks and the date on which they were completed for the selected incident. Examples of milestone tasks that appear in an incident's workflow include <i>Start</i> , <i>Incident Reported</i> , <i>Inspection Schedule</i> , and <i>Closed</i> .
<b>Terminate Workflow</b>	<p>Click this button to stop or terminate a workflow.</p> <p>Once a workflow had started, the Terminate Workflow button allows an agency staff to stop the workflow at any stage without completing the remaining tasks. This action terminates or cancels all the tasks in the workflow, even if it was open for an agency staff.</p> <p><b>Note:</b> You cannot make a terminated workflow active again.</p>
<b>Form</b>	<p>Use the form to check or enter information as specified by the agency.</p> <p>Code Enforcement – Incident and Case Workflow pages have an option to include a form or a checklist in the Task Details panel. This form is customizable by the agency to cater to their specific requirement</p>

## Using a Form in Code Enforcement – Incident and Case Workflow Pages

Code Enforcement – Incident and Case Workflow pages have an option to include a form or a checklist in the Task Details panel. The agency can customize the form for their specific requirement.

An example of an incident task having a form can have the following checkpoints for the agency staff:

- Check if Repeat Offender

- Send Courtesy Notice

An example of an abatement task having a form can have the following checkpoints for the agency staff:

- Schedule Inspection Post Abatement
- Add Fee
- Send Notice

## Adding Comments to a Workflow Task

Comments are a useful mechanism for adding information to a workflow task. You can control whether the comment is visible to public users who view their application workflow. The default setting is for comments to be visible, so you must manually hide comments that you do not want the public user to see.

For more information about comments, see [Working with Comments](#).

To add a comment to a task:

1. Access the workflow task.
2. Click **Add Comment**.
3. To write a new comment from scratch, enter and format your comment in the rich text field on the page.
4. To create a new comment based on one or more existing comments:
  - a. Click **Select Comments**.
  - b. On the Select Comments page, click **Favorite**, **Standard**, or **Recent** to see the corresponding list of comments.

Favorite, standard, and recent comments are described in the topic [Working with Comments](#).
  - c. Locate and select the comments you want to copy, using the search and filter options as needed.
  - d. Click **Insert** to copy the text of the selected comments into the field for the new comment.
  - e. If necessary, modify the copied text.
5. If you want to hide the comment from public users, click the **Hide from Public** icon to toggle the visibility setting.

When the icon displays an open lock, the comment is visible to the public. This is the default setting for new comments.

When the icon displays a closed padlock, the comment is hidden from the public.

6. Click **Save** to save the comment and return to the Workflow page.

## Modifying a Comment in a Workflow Task

To modify a comment:

1. Access the workflow task.
2. Click an existing comment to view it on the Comment page.
3. Modify the text of the comment as needed.

if you use the **Select Comment** option to add text from an exiting comment, the new text is added after any existing text.

4. To modify the comment visibility, click the **Hide From Public** icon.

Clicking the icon toggles the setting. When the icon displays an open lock, the comment is visible to the public. When the icon displays a closed padlock, the comment is hidden from the public.

5. Click **Save** to save changes and return to the Workflow page.

## Deleting a Comment from a Workflow Task

To delete a comment:

1. Access the workflow task.
2. Click an existing comment to view it on the Comment page.
3. Click the **Delete** icon.

The comment is deleted, the window closes, and you return to the Workflow page.

## Managing Attachments for a Workflow Task

You can upload files to attach them to specific workflow tasks. File that you associate with a workflow task are visible only on the detail page for that task. That is, workflow attachments are not visible on the general Attachments page for an application.

To manage attachments for a workflow task:

1. Access the workflow task.
2. Click the **Attachments** link to display attachments information.

The **Attachments** link and **Comments** link toggle the display between task comments and task attachments. In Attachments view, a grid displays the **File Name**, a **Description**, and the **File Size** for each attachments.

3. To add a new attachment:
  - a. Click **Add**.
  - b. Select a file using your browser's file selection window.
  - c. On the Add Attachments page, verify the **File Name** and optionally enter a **Description**.
  - d. Click **Upload**.

When the upload is complete, the new attachment appears in the workflow task details.

4. To view or modify attachment information:
  - a. Click the **Actions** icon for the existing attachment.
  - b. Select **View Details**.
  - c. On the Attachment page, review the **File Name**, **File Size**, and the **Last Updated By** and **Uploaded By** user names.
  - d. Optionally update the **Description**.
  - e. Click **Save** or **Cancel** to return to the Attachments page.
5. To download a file, click the **Actions** icon and select **Download**.
6. To delete a file, click the **Actions** icon and select **Delete**.

You are prompted to confirm the deletion.

7. To close the Attachments window, click **Cancel**.

## Requesting Additional Information

If additional information is required or questions need to be answered prior to advancing a transaction along in the workflow, you can click the **Request Info** button. This disables the **Status** and the **Priority** fields to keep the transaction in the current state while the requested information is reviewed. After clicking the **Request Info** button, the name of the button toggles to **Accept Info**, which you click after you have reviewed the additional information submitted to enable the **Status** and the **Priority** fields again.

After clicking **Request Info**, the status of the current workflow task reads *Information requested* until you click the **Accept Info** button. The status appears on the Workflow tab in the transaction details, the Worklist, and the Task Management page.

**Note:** The **Request Info** and **Accept Info** buttons are optional to display, and also note that **Request Info** and **Accept Info** are the default labels for the buttons. Implementation teams can add their own labels if needed, depending on the task. You can hide and provide custom labels using custom properties in the workflow process definition for any human task. For more information on workflow process definition custom properties, see [Using Custom Properties](#).

## Viewing the Overall Workflow (List View) for an Application

Use the list view on the Workflow page to view all of the workflow tasks that a human must perform for a specific permit or planning application. This list does not include system tasks such as updating the application status and sending automated notifications.

The list includes completed, in progress, and not started steps. Showing all of these steps together provides a big-picture view of the process. However, some steps that are not yet started might not be applicable depending on the workflow path.

**Note:** Unlike the two-panel view, the list view is visible to registered public users who access information for their application. The list view is read-only, so public users are never able to update tasks.

To use the list view:

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. Click the row for the permit or planning application you want to view.
3. Use the navigation links in the left frame to select **Workflow**.
4. Click the **Show List View** icon.
5. Review the task list.

The task list displays:

- The **Task Name** and **Status**.
- The **Last Updated Date**.
- The **Days Taken**, which represents the number of days elapsed while the task is in progress.

The value is the number of days so far for an in progress task, or the total days from start to finish for a completed task. This field is blank for tasks that have not started.

- **Comments**, which displays the two most recent comments.

For each comment, this column displays the creation date and time, the creator, and the comment text. Lengthy comment text is truncated.

6. To review task history, click a specific task to open the Task Details page.

This page lists the dates that the task was updated along with the task status on that date, the number of days taken as of that date, and all comments that were added on that date.

7. Close the Task Details page to return to the workflow list view.

## Altering Workflow

If needed, supervisors or administrators can change the workflow for a transaction type manually. This enables you to change the workflow step in case of system outage, user error, and so on.

To alter workflow:

1. Select the **Permits** or **Planning Applications** tile on the Agency Springboard.
2. Click the row for the permit or planning application you want to view.
3. Use the navigation links in the left frame to select **Workflow**.
4. Click the **Alter Workflow** button.
5. On the Alter Workflow make these changes:
  - o **New Workflow Activity Name:** Select the desired workflow step.
  - o **Update Transaction Status:** Select the proper status for the workflow step. You can't alter a workflow step back to a pending status.
  - o **Comments:** It is recommended to note who made the change and describe the circumstances requiring the manual intervention.

**Note:** Click **View Workflow**, if you need to review the steps and swimlanes in the underlying workflow process diagram as defined in OIC. This displays an image of the entire workflow process diagram you can view.

6. Click **Save**.

**Note:** If the alter request is not successful, supervisors have the option to redo the alter request and try again.

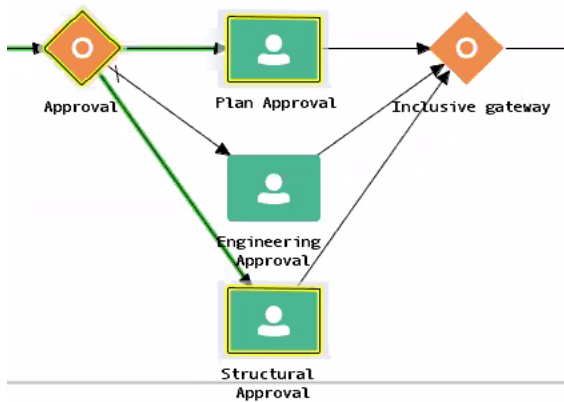
A workflow process definition may contain one or more parallel tasks. Parallel tasks:

- Do not depend on each other to be completed.
- Can be completed simultaneously.

In the case of parallel tasks, the Alter Workflow tab displays each applicable parallel task for you to alter the workflow status accordingly for each.

For example, if a workflow process for a given transaction, requires a Plan Approval and a Structural Approval to occur in parallel, then the Alter Workflow tab displays those two tasks together.

This example illustrates a workflow process definition with parallel tasks.



This example illustrates the Alter Workflow tab displaying parallel tasks.

Alter Workflow

▲ Plan Approval

New Workflow Activity Name: Plan Approval

▲ Structural Approval

New Workflow Activity Name: Structural Approval

Update Transaction Status: Submitted

Comments

View Workflow Save Cancel

## Working with Workflow for Reopened Transactions

In some cases, you may have a reason to reopen a transaction to perform additional inspections, plan reviews, and so on. Supervisors or administrators can reopen transactions in the status of:

- Completed
- Expired

For more information on reopening transactions, see *Reopening a Permit or Planning Application*.

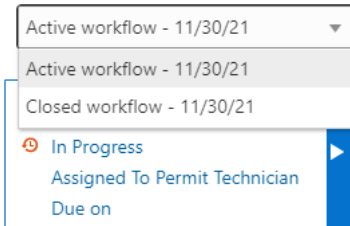
When you reopen a transaction, a new workflow instance is assigned to the transaction. The transaction will be set to the workflow state you have set. You can then access, and process the transaction as usual.

**Note:** Any applicable fees or conditions need to be applied manually to reopened transactions.



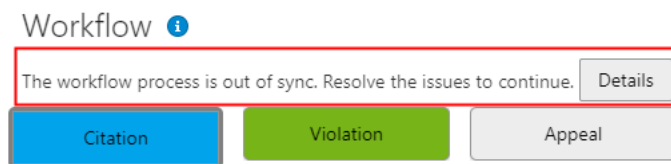
When working with the reopened transaction, the Workflow tab reflects the currently active workflow instance and all previously closed workflow instances for reference. Use the instance drop-down list to select an instance.

## Workflow



## Working with Inconsistent Processes

Sometimes, though rare, the workflow process can get out of sync with either the Oracle Permitting and Licensing offering or the workflow engine. In this case, a message appears at the top of the Workflow tab letting you know that action needs to be taken for that process to resolve the issue.



When you see this message, click the **Details** button to open the Manage Process Instances page where you can take the appropriate action, such as resubmitting, altering workflow, and so on.

For additional information, see [Monitoring Workflow Transactions](#).

## Working with Contractors and Agents in Applications

Use the Contractor page to view or update license information for contractors who are performing work for a permit or planning application. If the intake form for the application collects contractor or authorized agent information, the Contractor page initially displays the data provided during the intake process.

Agency staff and contractors or contacts with permit or planning application access working on their own applications can make updates until the transaction is closed or canceled. They can designate a contact person for a contractor license and give the contact access to the permit or planning application. They can indicate whether a contractor is currently performing work and also refresh contractor data from the agency's contractor records or integration with an external source. Other contractor information is read-only except for system administrators.

The Contractor page in the permit details also displays validation alerts for contractors added during application intake and after submittal. Agencies sometimes add extra validations when you add contractors to make sure that contractor licenses meet permit requirements. The license requirements for a permit can include a specific license type, classifications, and insurance attributes. Validations can also check the license expiration date. The alert lists the missing requirements for the active licenses associated with the permit.

## Adding Contractors to a Transaction

The fields on the Add Contractor page for a license associated with a transaction correspond to the same-named fields on the main contractor pages. For descriptions of these fields, see *Working with Contractor Licenses*.

To add contractors and their license information to a transaction:

1. Access the detail page for the permit or planning application you are working with.
2. Click the **Contractor** link in the left panel to view the Contractor page.
3. If the applicant is either a contractor or a contractor's authorized agent, turn on the switch to indicate yes.
4. Click **Add Contractor**.
5. On the Add Contractor search page, enter values for a contractor. You can search by **Business Name**, **Owner Name**, or **License Number**.

When you want to retrieve the contractor information by the exact license number, enter the number and select **I know the exact license number**. This option is only available when your agency integrates with a licensing body. The search looks for matches in the agency-maintained contractor list then in the licensing body's database.

6. Click **Find Contractors**.
7. On the Add Contractor results page, click **Select** to add a contractor. Only approved contractors appear in the results.

If one or more conditions have been applied to the license, you can click the **View More Details** button for the condition on the Add Contractor page. Click **Cancel** on the Add Contractor page to exit if you want to find a different contractor.

8. Review the contractor details, such as business information, classifications, bonds, insurance, and so on. You can make these changes:
  - o Indicate whether the selected contractor is performing work by selecting the **In Use** check box. Contacts for contractors that are in use appear on the Contacts page in the application details.
  - o Select whether the applicant is a contractor or authorized agent in the **Applicant Role** field. This field is only available if you turned on the switch in step 3 to indicate that the applicant is a contractor or a contractor's authorized agent.
  - o Add or change the contact person for the contractor. When multiple contacts exist, you must select one. The available contacts are people associated with the contractor license on the Contacts page in the contractor record details. The contact will have permit or planning application access depending on the **Contact Type** that you select.
9. Click **Done** to close the contractor details.
10. Click **Save** to save the contractor to the transaction.

On the Contractor page, you'll see the information for the license you just added in the license grid, including the contractor's business name and contact information, the license type, and the dates when the license is valid.

A condition icon next to the license in the grid indicates that at least one condition is applied to the contractor license. The icon displays the most severe condition. Click the icon to see a list of all applicable conditions, including the condition name, severity, description, and when the condition was applied.

## Updating Contractor Information for a Transaction

1. Access the detail page for the transaction you are working with.
2. Click the **Contractor** link in the left panel to view the Contractor page.

3. If you're agency staff, turn the switch on for yes or off for no to answer **Is the applicant either a contractor or a contractor's authorized agent?**. Public users, who are usually homeowners, are not contractors or authorized agents.
4. Click **Refresh** in the **Actions** menu to retrieve any updated contact information from the agency's contractor records,
5. Select the row for the contractor's license that you want to edit.
6. On the contractor information page, you can make these changes:
  - o Indicate whether the selected contractor is currently performing work by selecting the **In Use** check box. Contacts for contractors that are in use appear on the Contacts page in the application details.
  - o Indicate whether the applicant is a contractor or authorized agent in the **Applicant Role** field. This field is only available if you turned on the switch in step 3 to indicate that the applicant is a contractor or a contractor's authorized agent.
  - o Add or change the contact person for the contractor. When multiple contacts exist, you select one. The available contacts are people associated with the contractor license on the Contacts page in the contractor record details. The contact will have permit or planning application access depending on the **Contact Type** that you select.
7. Click **Done** to close the contractor details.
8. Click **Save** to save the contractor to the transaction.

## Removing Contractors from a Transaction

Only system administrators and agency management with appropriate permissions can delete contractors after application submission.

1. Access the detail page for the transaction you are working with.
2. Click the **Contractor** link in the left panel to view the Contractor page.
3. Click the **Actions** icon and select **Delete**.

## Working with Application Contacts

The Contacts page displays the applicant's contact information and lists additional people who were added as contacts during the intake process or after the application was submitted. Agency staff can use the Contacts page to view, update, and add contacts for submitted applications.

Applicants and contacts with application access can view and add contacts to their own permits and planning applications as well as update and make the contacts inactive. See the section "Security Details for Adding Contacts to Applications" for information about setting up security for agency staff, applicants, and application contacts to manage contacts.

**Note:** Contacts don't have application access in the business license system. Also, you can have contractor contacts in permits and planning applications only.

There are two options for adding more contacts:

- Select a contact from the applicant's account profile, and make that person a contact for the current transaction. This option is only available for applicants and system administrators.
- Create a brand new contact by entering all the contact details, and include that contact in the current transaction.

When a contractor license is added to a permit or planning application in the intake form or after the application was submitted, the contractor's contact person is added to the list of application contacts. Application contacts have permit or planning application access depending on the selected contact type, which is set up by your agency.

Your agency may also configure communications to contacts on permit and planning applications. The system sends an email notification to contacts on the intake form upon application submission as well as to new contacts when they are added to the application after submission. Contacts added to the contractor contacts in the license details also receive email notifications. For information about setting up these contact communications, see *Delivered Communication Events* and *Setting Up Send Communication Actions*.

## Security Details for Adding Contacts to Applications

This section describes important security roles, requirements, or considerations specific to adding contacts to applications.

### Permits

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Registered Public User	Add and update contacts in permit applications on which they have been assigned as an applicant or a contact with access while the application is open and currently being processed.	PSC Registered Public User
PSC Permit Contacts Management	Add and update contacts in permit application while the permit is open and currently being processed.	PSC Principal Planner PSC Plan Reviewer PSC Planning Coordinator PSC Permit Technician
PSC Permits Management with Elevated Access	Add, update, and delete contacts in permit applications at all times, whether it is open and being processed, closed, or complete.	PSC System Administrator PSC Permits Supervisor
PSC System Administrator	Add, update, and delete contacts in permit applications at all times, whether it is open and being processed, closed, or complete.	PSC System Administrator

### Planning and Zoning

Primary Role	Access Description	Associated Job Roles and Abstract Roles
Registered Public User	Add and update contacts in planning applications on which they have been assigned as an applicant or a contact with access while the application is open and currently being processed.	Registered Public User

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Planning and Zoning Contacts Management	Add and update contacts in planning applications while the application is open and currently being processed.	PSC Planning Assistant PSC Associate Planner PSC Principal Planner
PSC Planning Application Management with Elevated Access	Add, update, and delete contacts in planning applications at all times, whether it is open and being processed, closed, or complete.	PSC Planning Assistant PSC Associate Planner PSC Principal Planner
PSC Planning Application Management with Elevated Access	Add, update, and delete contacts in planning applications at all times, whether it is open and being processed, closed, or complete.	PSC System Administrator PSC Zoning Administrator

**Note:** Before contacts can manage other contacts, your agency must add the PSC Contact User duty role (ORA\_PSC\_CONTACT\_USER\_DUTY) to the PSC Custom Registered Public User role (CUSTOM\_PSC\_REGISTERED\_PUBLIC\_USER) and enable application access for the contact type.

For more information on creating roles for Oracle Permitting and Licensing, see *Creating Custom Roles for Oracle Permitting and Licensing*.


For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the *Security Reference for Oracle Oracle Permitting and Licensing*.


## Managing Application Contacts

You manage application contacts on the Contacts page in the application details:

1. From the agency springboard, select the tile for the type of transaction where you want to manage contacts: **Permits, Planning Applications, or Business License Transactions**.
2. On the Transactions page, click the application row.
3. In the left navigation panel, expand the application information section: **Permit Information, Planning Application, or License Information**.
4. Select **Contacts** in the expanded section.

The applicant and any additional contacts are listed in the Contacts grid.

Page Element	Description
	The applicant icon indicates that the contact is the applicant.
<b>Name</b>	The name of the contact.
<b>Phone</b>	The phone number of the contact.

Page Element	Description
<b>Type</b>	The contact type, which is the role or position of the contact person relative to the current application. For example, a contact might be the applicant, a property owner, a business owner, or a contractor.
<b>Business</b>	The business name of the contact.
<b>Contractor License</b> and <b>License Type</b>	The contractor license number and the license type associated with the license.  This information doesn't apply to business license contacts.
<b>Permit Access</b> or <b>Planning Access</b>	Indicates whether the contact has write access to the application.  You can't set up contacts for business license applications with application access based on contact type.
<b>Primary</b>	Indicates whether this is the primary contact. There must be one and only one primary contact for an application. The applicant is the primary contact by default in the application but can be changed in the application intake form or in the application details after submission.  <b>Note:</b> The primary contact has the same application access as the applicant regardless of the access defined for their contact type.
<b>Active</b>	Indicates whether this is an active contact.
	Click the <b>Actions</b> button for a contact to select from available actions.  Select <i>Make Primary Contact</i> to select this contact as the primary contact. This action automatically removes the primary contact designation from the previous primary contact, because you can only have one primary contact.

## Adding Application Contacts

You can add contacts saved in the applicant's user profile or manually add new contacts just to this application.

Here's how to add saved contacts:

1. Click the **Add** button on the Contacts page.
2. Click a contact row in the grid of saved contacts on the details page.
3. On the **Select Contact Type** modal page, look up the contact type in the **Type** field. You can see which contact types have application access on the search page. Business license contacts can't have application access.

4. Turn on the switch if you want to make this person the primary contact for the application.
5. Click **OK**.

Here's how to manually add a new contact:

1. Click the **Add** button on the Contacts page.
2. Click the **Create** button below the grid of saved contacts on the details page.
3. On the blank Contact Details entry page, enter the new contact's information, including their name, address, phone, and email.

**Note:** The email that you enter here must match the email that the contact used when registering if you want this person to have application access based on the contact type. Business license contacts can't have application access.

Page Element	Description
<b>Type</b>	<p>Select the contact type, which is the role or position of the contact person relative to the current application. For example, a contact might be the applicant, a property owner, a business owner, or a contractor.</p> <p>The contact type determines whether the contact can access the permit or planning application. You can see the <b>Permit Access</b> or <b>Planning Access</b> field when you prompt for the contact type and when you review the list of contacts on the main Contact page. This information doesn't appear in the context of non-permit or planning applications.</p>
<b>Active</b>	<p>Select the check box to indicate that the contact is active. Only active contacts with the appropriate contact type can have application access.</p> <p>When a contractor for a permit or planning application is no longer in use, the contact associated with the license isn't active. Also, when a system administrator deletes a contractor after application submission, the contact becomes inactive.</p>
<b>Permit Access</b> or <b>Planning Access</b>	<p>Displays <i>Yes</i> or <i>No</i> to indicate whether the contact type applied to the contact has application access.</p> <p>If the contact type allows permit or planning application access <i>and</i> the contact email matches the account email for a registered user, then that user can access the permit or planning application. Contact type access to applications doesn't apply to business licenses.</p>
<b>This person is the primary contact for this application.</b>	<p>Turn on this switch to make the selected contact person the primary contact for this application. Applications must have one primary contact. Designating a new primary contact removes the primary designation from any other contact who was previously designated as primary.</p>
<b>Business</b>	<p>If the contact represents a business, enter the business name.</p>

4. Select the **Add to Profile** check box to save this contact in the applicant's user profile as well as on the current application. Applicants can add a contact only to their own profile. System administrators can also add contacts to the applicant's profile.
5. Click **Save**.

## Updating Application Contacts

1. On the Contacts page, click the contact row to update their contact information.
2. On the Contact Details page, update the contact type and detail information.
  - o If the contact is the applicant, you can't modify the name. This person will always be identified as the applicant and active on the application. You can, however, change the contact type.
  - o All fields are available for updates for contacts other than the applicant.
3. As a system administrator, you can select the **Update Profile** check box to update the contact in the applicant's user profile with the changes you've made here.

When the contact is the applicant, they can use the **Update Account** check box to update their account with the changes they made.

4. Click **Save**.

## Removing Application Contacts

Contacts who are profile contacts aren't deleted from the system; they are only removed from the current application. Contacts that exist only in the current application are deleted entirely.

**Note:** Only system administrators and supervisors have permissions to delete contacts. The contact who is the applicant can't be deleted.

1. Click the row for the contact on the Contacts page.
2. On the Contact Details page, click **Delete**.

## Applying Conditions to Applications

This topic describes how your Oracle Permitting and Licensing service allows you to view, update, apply, and resolve conditions on an application such as a permit or a planning application.

Agency staff apply, modify, and resolve conditions on the Conditions page. The Conditions page lists all of the conditions applied to the selected application, with applied conditions followed by resolved conditions.

The condition indicator in the header of the details pages displays the most severe condition having a high priority. Click the **All Conditions** link next to the icon to open a modal window that displays all active conditions applied along with their severity, source, applied date, display message, and description.

**Note:** The condition indicator is displayed on all pages across transactions. If more than one active condition is applied, the icon indicates the most severe condition. A condition is active until it is changed to *Resolved*.



## Security Details for Applying Conditions to Applications

This section describes important security roles, requirements, or considerations specific to applying conditions to applications.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Permit Conditions Management	Apply and resolve conditions on permits.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector PSC System Administrator PSC Registered Public User PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Planning and Zoning Conditions Management	Apply and resolve conditions on planning applications.	PSC System Administrator PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Cashier

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Business Analyst PSC Principal Planner

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Automatically Applying Conditions using Business Rules Framework

Conditions can also be applied to transactions automatically using the Business Rules Framework. Your agency administrator must configure the following to apply conditions to submitted applications:

- 1. Workflow:** Triggers the Business Rules Framework to apply the condition.
- 2. Business Rules Framework:** Applies the condition to the transaction that meets the criteria defined in the rules of the Business Rules Framework.

Once the condition is applied to the transaction, you can view the condition record on the Conditions page of the transaction.




For information on setting up actions related to workflow, see [Setting Up Update Workflow Actions](#) and for setting up and applying conditions using the Business Rules Framework, see [Setting Up Apply Condition Actions](#).

## Applying a Condition to a Transaction

You manually apply conditions to transactions on the Apply Condition page.

- 1.** Select the **Permits**, or **Planning Applications** tile on the agency springboard.
- 2.** Select a transaction row.
- 3.** On the Overview page, select the **Conditions** tab, which may be listed under the Permit Information or Planning Application heading in the navigation bar.
- 4.** On the Conditions page, view the list of applied and resolved conditions. Click **Apply Condition**.
- 5.** Enter values for the fields on the Condition Details page:

Page Element	Description
<b>Condition Name</b>	Use the lookup prompt to search and select the condition that you want to apply. The search page lists all available conditions along with their severity, display message, and description.  After you select a condition, the condition information is brought in as it was defined in the condition definition. You can override the default rules, priority, description, and additional information to customize the condition.  For more information on conditions, see <a href="#">Setting Up Conditions</a> .
<b>Display Message</b>	Displays the message associated with the selected condition. This message is entered by your agency administrator in the condition definition and can't be updated here.

Page Element	Description
<p><b>Severity</b></p> <p> Lock     Hold</p> <p> Notice</p>	<p>Displays the level of severity defined for the selected condition.</p> <ul style="list-style-type: none"> <li>○ <i>Lock</i>: This severity suspends all operations and selects all rules for the condition.</li> <li>○ <i>Hold</i>: This severity enables agency staff to select the rules that apply to the condition.</li> <li>○ <i>Notice</i>: This severity functions as an alert and has no effect on operations.</li> </ul>
<p><b>Condition Rules</b></p>	<p>Select one or more rules from:</p> <ul style="list-style-type: none"> <li>○ <b>Prevent Workflow Advancement</b></li> <li>○ <b>Prevent Issue or Final</b></li> <li>○ <b>Prevent Payment</b></li> <li>○ <b>Prevent Inspection Schedule</b> (applicable only to permits)</li> <li>○ <b>Prevent Inspection Result</b> (applicable only to permits)</li> <li>○ <b>Prevent Final Inspection</b> (applicable only to permits)</li> </ul> <p>Condition rules available for selection are based on the severity of the condition you have selected. For example, for a condition with a Hold severity, you must select at least one condition rule, and for a condition with Lock severity, all condition rules are automatically applied.</p> <p>The condition rule <i>Prevent Application Progress</i> is only applicable to conditions on persons, parcels, property addresses, and contractor licenses.</p> <p>See <a href="#">Setting Up Conditions</a>.</p>
<p><b>Priority</b></p>	<p>Select a priority for the condition. Values are <i>High</i>, <i>Medium</i>, and <i>Low</i>.</p>
<p><b>Description</b></p>	<p>Displays the description as entered by your agency administrator in the condition definition, but you can update the text here.</p>
<p><b>Additional Information</b></p>	<p>Displays additional information as entered by your agency administrator in the condition definition, but you can enter new information here.</p>
<p><b>Transaction Reference</b></p>	<p>Displays the transaction ID and type on which the condition is applied.</p>

Page Element	Description

When you're viewing the condition details after the condition was applied, you'll see the name of the user who applied the condition and the date. When the condition was applied automatically, you'll see:

- *System* displayed if the condition is applied to the transactions by inheriting the condition that was applied to the parcel, address, person, or contractor license.
- *Business Rules Framework* displayed if the condition is applied to the transaction through Business Rules Framework events.

6. Click **Save** to save the condition and return to the Conditions page.

## Resolving a Condition

You can resolve a condition that you applied to a transaction.

1. Select the **Permits**, or **Planning Applications** tile on the agency springboard.
2. Select a transaction row.
3. Click **Conditions** in the left panel.
4. Click **Resolve** for the condition you want to resolve.
5. On the Resolve Condition page, enter a description of how the condition was resolved in the **Resolution Action** field.
6. Click **Save**.

The resolution is applied and the resolved condition is listed at the bottom of the condition list.

## Modifying a Condition

You can modify a condition that you applied to a transaction.

1. Select the **Permits**, or **Planning Applications** tile on the agency springboard.
2. Select a transaction row.
3. Click **Conditions** in the navigation bar.
4. Click the **View More Details** button for the condition you want to modify.
5. On the Condition Details page you can update the rules, priority, description, and additional information for a condition with a Hold severity. For conditions with a Lock or Notice severity, you can update the priority, description, and additional information.

**Note:** You can't modify any fields for a resolved condition.

6. Click **Save**.

## Viewing a Resolved Condition

You can view the details of a resolved condition on the Condition Details page.

1. Select the **Permits**, or **Planning Applications** tile on the agency springboard.
2. Select a transaction row.
3. Click **Conditions** in the navigation bar.
4. Select a row with a status of **Resolved** and click **View Details**.

5. The Conditions Details page opens to display the details of the condition at the top, followed by an additional information about its resolution:

- Resolution Action
- Resolved By
- Resolved Date

**Note:** If the **Resolved By** field displays *System*, then the condition was resolved as part of the condition resolution from the parcel, address, person, or contractor license condition.

6. Click **Cancel** to return to the Conditions page.

## Working with Attachments

You view a list of files and upload or download documents associated with a transaction or record, such as a permit, planning application, case, business license, or contractor license on the Attachments page.

Attachments provide supporting documentation needed by agency staff when processing transactions or managing records. See the section "Security Details for Working with Attachments" for information about setting up security for agency staff, applicants, and contacts with application access to manage attachments.

You can manage attachments associated with a transaction on different pages in Oracle Permitting and Licensing. Here's a look at some of the areas that include attachment functionality:

- The Attachments page in the transaction or record detail pages, including pages for permits, planning applications, cases, business licenses, and contractor licenses.
- The Workflow page in the transaction detail pages.
- Inspection Detail and Checklist pages in the Oracle Inspector mobile app.
- New Violation and Inspection pages in Oracle Municipal Code Officer.

Recipients of transaction communications containing web forms can upload files when requested. You can also manage documents as part of the plan review process.

These are all sources of attachments that you'll find associated with a transaction on the Attachments page.

For more information about managing attachments for a workflow task, see [Using Workflow](#).

For more information about Oracle Inspector, see [Overview of Mobile Oracle Inspector for Permits](#) and [Working with Inspection Details](#).

For more information about Oracle Municipal Code Officer, see [Overview of Mobile Oracle Municipal Code Officer](#).

For more information about managing attachments associated with a contractor license, see [Managing Contractor License Details](#).

## Security Details for Working with Attachments

This section describes important security roles, requirements, or considerations specific to working with attachments for permits and planning applications.

These security roles apply to permit attachments:

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Registered Public User	<p>Add and update attachments to submitted permits until they are closed.</p> <p>View all attachments on applications for which the user is the applicant.</p>	PSC Registered Public User
PSC Agency Permits Inquiry	View permit attachments.	PSC Agency Staff – All agency users
PSC Permits Attachments User	<p>Add attachments to permits.</p> <p>Update and delete attachments added by themselves.</p>	<p>PSC Inspections Supervisor</p> <p>PSC Geographical Information System Administrator</p> <p>PSC Finance Administrator</p> <p>PSC Economic Development Officer</p> <p>PSC Chief Building Officer</p> <p>PSC Cashier</p> <p>PSC Building Inspector</p> <p>PSC Apply Permit Duty</p> <p>PSC System Administrator</p> <p>PSC Principal Planner</p> <p>PSC Planning Coordinator</p> <p>PSC Plan Reviewer</p> <p>PSC Permits Supervisor</p> <p>PSC Permit Technician</p>
PSC Add Permit Attachments	Add permit attachments.	<p>PSC Inspections Supervisor</p> <p>PSC Geographical Information System Administrator</p> <p>PSC Finance Administrator</p> <p>PSC Economic Development Officer</p> <p>PSC Chief Building Officer</p> <p>PSC Cashier</p> <p>PSC Building Inspector</p> <p>PSC Apply Permit Duty</p> <p>PSC System Administrator</p> <p>PSC Principal Planner</p> <p>PSC Planning Coordinator</p>

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Update Permit Attachments that were added by others and self	Update permit attachments that were added by others and by themselves.	PSC System Administrator
PSC Update Permit Attachments that were added by self	Update permit attachments that were added by themselves.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Apply Permit Duty PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC Delete Permit Attachments that were added by others and self	Delete permit attachments that were added by others and by themselves.	PSC System Administrator
PSC Delete Permit Attachments that were added by self	Delete permit attachments that were added by themselves.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Apply Permit Duty

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician

These security roles apply to planning application attachments:

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Registered Public User	Add and update attachments to submitted planning applications until they are closed.  View all attachments on applications for which the user is the applicant.	PSC Registered Public User
PSC Agency Planning and Zoning Inquiry	View planning and zoning attachments.	PSC Agency Staff – All agency users
PSC Add Planning and Zoning Attachments	Add planning and zoning attachments.	PSC Planning Application Management with Elevated Access PSC Planning Attachments User Duty PSC System Administrator PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Cashier PSC Principal Planner PSC Plan Reviewer
PSC Update Planning and Zoning Attachments Added by Others and Self	Update planning and zoning attachments added by others and by themselves.	PSC System Administrator



Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Update Planning and Zoning Attachments Added by Self	Update planning and zoning attachments added by themselves.	PSC Planning Attachments User Duty PSC Apply Planning and Zoning Duty PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Cashier PSC Principal Planner PSC Plan Reviewer
PSC Delete Planning and Zoning Attachments Added by Others and Self	Delete planning and zoning attachments added by others and by themselves.	PSC System Administrator
PSC Delete Planning and Zoning Attachments Added by Self	Delete planning and zoning attachments added by themselves.	PSC Planning Attachments User Duty PSC Apply Planning and Zoning Duty PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Cashier PSC Principal Planner PSC Plan Reviewer
PSC Delete Planning and Zoning Attachments Added by Self	Delete planning and zoning attachments added by themselves.	PSC Planning Attachments User Duty PSC Apply Planning and Zoning Duty PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Geographical Information System Administrator  PSC Finance Administrator  PSC Economic Development Officer  PSC Cashier  PSC Principal Planner  PSC Plan Reviewer

**Note:** Applicants and contacts with application access can view and add attachments to their own applications as well as update and delete the attachments they added themselves. Before contacts can manage attachments, your agency must add the PSC Contact User duty role (ORA\_PSC\_CONTACT\_USER\_DUTY) to the PSC Custom Registered Public User role (CUSTOM\_PSC\_REGISTERED\_PUBLIC\_USER) and enable application access for the contact type.

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Overview of the Attachments Page

You can use the Attachments page in the transaction details as the transaction or record's central repository for managing attachments. The page includes different tabs for viewing details and managing the files and a **Required Documents** section for permits and planning applications. The actions you can perform depend on your permissions.

The page tabs and elements may vary on the Attachments page depending on the type of transaction or record. Let's take a look at the different available tabs:

- The **Permits** tab displays attachments added through the Attachments page and required documents, if set up by your agency.
- The **Inspection** tab displays attachments that building inspectors uploaded in the Oracle Inspector mobile app related to the inspection checklists, inspection checklist items, or overall inspection.
- The **All** tab displays attachments added from all sources, including the Attachments page, the Workflow page, Oracle Inspector, plan reviews, and web form responses.
- The **Agency Uploads** tab displays all attachments added by the agency staff in Code Enforcement. The **Responsible Party Uploads** tab displays the attachments added by registered users while resolving code enforcement issues.

The Attachments page for a business license transaction doesn't have any tabs.

## Working with Required Documents

The **Required Documents** section appears on the application intake form and here on the Attachments page in the application details if your agency adds a document group to the application type and the document group

includes document categories that are configured to identify required documents. The list of required documents is informational only.

The documents are identified by their category or category and subcategory and the step in the application process when they're needed:

- **Submittal**
- **Issuance**
- **Acceptance**
- **Final inspection**
- **Complete**

If documents were provided on the application intake form, you can view them on the Permits tab on the Attachments page in the application details after submittal.

Click **Upload** to attach the specified document. The category and subcategory are automatically selected for the document during upload and the file appears in the attachments grid. Once a required document is uploaded, the **Attached** icon appears and a count keeps track of the required and provided documents. For information about setting up required documents, see the Implementing Your Agency guide.

## Viewing Attachment Details



To view a list of attachments:


1. Access the detail page for the transaction where you want to view attachments.
2. Click the **Attachments** link in the left panel to view the Attachments page.

You may need to expand the section that includes the Attachments link.

3. On the Attachment page, view the attachment grids on the different tabs.

Here are the various elements:

Page Element	Description
	<p>Displayed when an applicant uploads a PDF document to a permit or planning application that's in a plan review status. Only Permits or Planning and Zoning agency staff can see the <b>Uploaded Documents</b> icon, which is available on the Permits tab only.</p> <p>The icon is displayed until the document is marked as seen in the Plan Review Console or on the Attachments page, or added to a plan review cycle. The indicator isn't available on phones or in the list view on the Permits tab.</p>
	<p>Displayed when an applicant, contact with application access, or agency staff uploads a protected PDF document to a permit or planning application. A protected PDF document has any setting that is controlled by a password or is otherwise secured.</p> <p>Plan coordinators can't add protected documents to a plan review cycle when electronic plan reviews are enabled in the agency options.</p>

Page Element	Description
	<p>Click the Select to Preview Attachment icon for PDF files (shown here) or a thumbnail for most types of image files (such as BMP, GIF, JPEG, and PNG) to open the Attachment Preview page.</p> <p>On the preview page, you can see the first page of a PDF document or a larger version of an image file. Attachment preview is available for permits, planning applications, business licenses, code cases, account management, and contractors.</p>
<p><b>File Name</b></p>	<p>View the following information in the <b>Filename</b> field:</p> <ul style="list-style-type: none"> <li>○ Icon indicating the file type</li> <li>○ Filename with file type extension</li> <li>○ <i>File Size</i></li> </ul>
<p><b>Description</b></p>	<p>View the description of the attachment as entered by the person who added the attachment.</p>
<p><b>Source</b> on the All tab for permits</p>	<p>View the source of the attached file. Valid values are:</p> <ul style="list-style-type: none"> <li>○ <i>Permits</i></li> <li>○ <i>Inspection</i></li> <li>○ <i>Workflow</i></li> <li>○ <i>Plan Reviews</i></li> </ul> <p>Attachments that are added to electronic plan reviews have their source changed from <i>Permits</i> to <i>Plan Reviews</i>.</p> <p>For example, attachments added through Oracle Inspector display <i>Inspection</i> in this field.</p> <p>Attachments added to web form questionnaire responses display <i>Permits</i> in this field.</p> <p><b>Note:</b> This column appears only on the All tab for permits.</p>
<p><b>Uploaded By</b></p>	<p>View the name of the person who uploaded the file along with the date and time when the person uploaded the file. Registered public users see <i>Staff</i> instead of a name.</p>
<p><b>Source</b> on the Inspection tab for permits</p>	<p>View the associated permit ID and whether the building inspector uploaded the file to an inspection checklist, inspection checklist item, or the overall inspection in the Oracle Inspector mobile app.</p> <p><b>Note:</b> This column appears only on the Inspection tab for permits.</p>
<p><b>Reference</b></p>	<p>View attachment information:</p>

Page Element	Description
	<ul style="list-style-type: none"> <li>○ The checklist description for checklist attachments</li> <li>○ The checklist item description for checklist item attachments</li> </ul> <p>For inspection-level attachments, the field is blank.</p> <p><b>Note:</b> This column appears only on the Inspection tab.</p>
<p><b>Category and Subcategory</b></p>	<p>View the document category for the attachment.</p> <p>The category and subcategory are available when a document group is specified during setup for the transaction type or in the contractor license options.</p> <p><b>Note:</b> This field isn't available for case and business license attachments.</p>
<p><b>Final</b></p>	<p>Displays <i>Yes</i> when agency staff turn on the <b>Final Document</b> switch on the Attachment Details page for permit attachments.</p> <p><b>Note:</b> This column appears only on the Permits tab.</p>
<p><b>Actions</b></p>	<p>Click the actions icon to select and perform an action:</p> <ul style="list-style-type: none"> <li>○ <i>View Details</i></li> <li>○ <i>Download</i></li> <li>○ <i>Delete</i></li> </ul> <p><b>Note:</b> For permits, the <i>Delete</i> action appears only on the Permits tab. Additionally, the security associated with your user ID may limit which actions are available to you.</p>

4. Click the **Sort By** to view attachments grouped by these fields: file name, file size, uploaded by, uploaded on, description, category, and subcategory.
5. To find a specific attachment, you can enter values in the search field.

## Adding Attachments

You upload files to the Attachments page using the Add Attachments page. For permits, you use the Permits tab of the Attachments page. The attachments on the Inspection tab are uploaded by building inspectors in the Oracle Inspector mobile app..

**Note:** The maximum file size is 150 MB depending on the page that you're uploading to in Oracle Permitting and Licensing. It may take several minutes to upload large files. The maximum file size in the Oracle Inspector mobile app is 25 MB.

To add attachments:

1. Access the detail page for the transaction where you want to add attachments.
2. Click the **Attachments** link in the left panel to view the Attachments page.  
You may need to expand the section that includes the Attachments link.
3. Click the **Add** icon.  
**Note:** For permits, this icon appears only on the Permits tab.
4. Select the file to upload in the browser dialog box and click **Open**.  
The file name appears on the Add Attachments page.
5. On the Add Attachments page, optionally enter a description of the file.
6. If the **Category** and **Subcategory** fields appear on the Add Attachment page, optionally select a document category and subcategory.  
These fields appear if the transaction type is associated with a document group. The document group defines the available values in these fields.  
For more information, see the implementation documentation for *Setting Up Document Categories and Subcategories*.  
**Note:** The document group for a transaction is based on the document group that was defined for the transaction type at the time the transaction is saved.  
**Note:** Document category and subcategory are not applicable to case attachments.
7. Click the **Upload** button.  
The Add Attachment window closes, and the newly uploaded attachment appears on the Attachments page.

## Updating Attachment Details

You can update attachments that you added on the Permits tab. Agency staff with appropriate permissions can update any attachments on the Permits tab. Attachments can't be updated on the All tab.

Here's how to view and update document details on the Attachment Details page:

1. Access the detail page for the transaction where you want to view attachment details.
2. Click the **Attachments** link in the left navigation panel to view the Attachments page.  
You may need to expand the section that includes the Attachments link.
3. In the attachments grid, click the **Action** icon for the document that you want to view.

4. Select *View Details* to open the Attachment Details page.

The details on this page include the information from the Attachments page and information about the file size and the person who last updated the document information.

5. On the Attachment Details page, you can make these updates, depending on permissions:

- Public users can update the attachment description and, if available, the document category and subcategory of the files they uploaded.
- Agency staff can update any attachments on the Permits tab, including the description, document category and subcategory, and turning the **Final Document** indicator on or off.

Once a document is marked as final, agency staff must first remove the final flag before they can delete the document.

- Only agency staff can update the description, document category and subcategory, and referenced person in the **Assigned To** field of attachments in the contractor license details.

You can also download attachments in the Oracle Inspector mobile app when you drill down to the Attachment Details page for the attachment.

## Downloading Attachments

There are multiple ways to download attachments.

To download selected attachments from the Attachments page:

1. Access the detail page for the transaction where you want to download attachments.
2. Click the **Attachments** link in the left panel to view the Attachments page.  
You may need to expand the section that includes the Attachments link.
3. Click the **Select Multiple** icon above the grid.
4. Select one or more documents to download.
5. Click the **Download** icon.

To download a single attachment from the Attachments page:

1. Access the detail page for the transaction where you want to download attachments.
2. Click the **Attachments** link in the left panel to view the Attachments page.  
You may need to expand the section that includes the Attachments link.
3. In the attachments grid, click the **Action** icon for the document you want to download.
4. Select *Download* and save to the location of your choice.

## Deleting Attachments

There are multiple ways to delete attachments. The security associated with your user ID determines whether you can delete attachments.

**Note:** For permits, you can delete attachments only from the Permits tab of the Attachments page. Applicants, contacts with application access, and agency staff can view details and download files from the **Inspection** tab, but only administrators and the inspector who uploaded them can delete them.

To delete selected attachments from the Attachments page:

1. Access the detail page for the transaction where you want to delete attachments.

2. Click the **Attachments** link in the left panel to view the Attachments page.  
You may need to expand the section that includes the Attachments link.
3. Click the **Select Multiple** icon above the grid.
4. Select one or more documents to delete.
5. Click the **Delete** icon.

To delete a single attachments from the Attachments page:

1. Access the detail page for the transaction where you want to delete attachments.
2. Click the **Attachments** link in the left panel to view the Attachments page.  
You may need to expand the section that includes the Attachments link.
3. In the attachments grid, click the **Action** icon for the document you want to delete.
4. Select *Delete* from the action menu.

## Working with Comments

This topic discusses how to use comments. Agency staff can view, modify, and add comments on the Comments page for a transaction, contractor license, case, or incident.

Applicants and contacts with application access can view and add comments to their own applications as well as update and delete the comments they added themselves. See the section "Security Details for Working with Comments" for information about setting up security for agency staff, applicants, and application contacts to manage comments.

### Security Details for Working with Comments

This section describes important security roles, requirements, or considerations specific to working with comments.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Add Comments to Permits	Add comments to permits till they are not closed.	PSC Permits Management with Elevated Access PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator



Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Permit Technician
PSC Permit Management with Elevated Access	Add comments to permits at all times.	PSC System Administrator PSC Permits Supervisor
PSC Update Permit Comments added by others and self	Update permit comments added by others and by themselves.	PSC System Administrator
PSC Update Permit Comments added by self	Update permit comments added by themselves.	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Apply Permit Duty PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Delete Permit Comments added by others and self	Delete permit comments added by others and by themselves.	PSC System Administrator
PSC Delete Permit Comments added by self	Delete permit comments added by themselves.	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Apply Permit Duty PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Permits Supervisor PSC System Administrator PSC Permit Technician

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Registered Public User	View comments on your own planning applications that are marked as visible to public.  Add, update, and delete comments till the application is closed.	PSC Registered Public User
PSC Registered Public User	View comments on your own planning applications that are marked as visible to public.  Add, update, and delete comments till the application is closed.	PSC Registered Public User
PSC Add Comments to Planning and Zoning	Add comments to planning applications that are not closed.	PSC System Administrator PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC Planning Application Management with Elevated Access	Add comments to planning applications at all times.	PSC Zoning Administrator PSC System Administrator
PSC Update Planning and Zoning Comments added by others and self	Update planning and zoning comments added by others and by themselves.	PSC System Administrator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Update Planning and Zoning Comments added by self	Update planning and zoning comments added by themselves.	PSC Apply Planning and Zoning Duty PSC System Administrator PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician
PSC Delete Planning and Zoning Comments added by others and self	Delete planning and zoning comments added by others and by themselves.	PSC System Administrator
PSC Delete Planning and Zoning Comments added by self	Delete planning and zoning comments added by themselves.	PSC Apply Planning and Zoning Duty PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Principal Planner PSC Planning Coordinator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician

**Note:** Before application contacts can manage comments, your agency must add the PSC Contact User duty role (ORA\_PSC\_CONTACT\_USER\_DUTY) to the PSC Custom Registered Public User role (CUSTOM\_PSC\_REGISTERED\_PUBLIC\_USER) and enable application access for the contact type.

For more information on creating roles for Oracle Permitting and Licensing, see *Creating Custom Roles for Oracle Permitting and Licensing*.

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the *Security Reference for Oracle Permitting and Licensing*.

## Adding Comments

You view, modify, and add new comments on the Comments page. Three categories of comments are available for use:

- *Favorite comments:* Mark comments you use regularly as your favorite and access them easily on the Favorite comments tab
- *Standard comments:* Select and post a comment from a list of pre-defined comments on the Standard comments tab.
- *Recent comments:* Select and post comments from a list of recently posted comments on the Recent comments tab.

## Viewing and Modifying Comments

1. Access the detail page for the transaction, contractor license, case, or incident you are working with.
2. Click the **Comments** link in the left panel to view the Comments page.  
You view a list of comments in the right panel.
3. You can modify, delete, or hide a comment from public view only if it was entered by you. Click the specific comment row to open the detail view and make changes.
4. Click **Save**.

## Adding a New Comment

1. Access the detail page for the transaction, contractor license, case, or incident you are working with.
2. Click the **Comments** link in the left panel to view the Comments page.
3. Click the **Add Comment** button to open the Add Comment page and enter a new comment.

You can use the **Hide from Public** icon, to hide a comment from public view and also toggle between hide and show.

You can use the **Rich Text Editor** option for formatting your comment with tools such as the numbered list. The Link button allows you to embed a URL to display the text you enter. See *Managing Comments* to enable the option of **Rich Text Editor** formatting.

4. Click **Save** to post the comment and return to the Comments page.

## Adding Favorite, Standard, and Recent Comments

1. You can post a comment that is already available in the system. On the Add Comment page, click the **Select Comments** button to view the three categories of comments:
  - o *Favorite*: Comments that you have marked as favorite.
  - o *Standard*: All the predefined comments available.
  - o *Recent*: Comments that were recently posted.
2. Select a comment and click the **Insert** button to post the comment.

**Note:** If you want to mark a standard comment as your favorite, click the \* (asterisk) button on the comment row. The *Favorite* tab will add the comment to its list. Your agency administrator decides the duration for which a comment can be called *Recent*. The duration can be set up on the Manage Comments page.

See [Managing Comments](#).

## Working with Fees and Payments

You view fees and payments associated with a submitted business license, permit, or planning application on the Fees and Payments page in the application details. You can also adjust, refund, and pay fees, as well as add fees manually and calculate additional fees.

**Tip:** As agency staff, you can access this page on a phone as well as on a laptop or desktop computer. The layout changes based on the device you're using.

Fees are calculated based on agency fee setup. For more information about setting up automatic fee calculations based on business license, permit, or planning application type, see [Creating Decision Models for Fees](#).

Fees shown on this page are calculated based on the application intake form and fee schedule mapping sources.

When fees are updated, fee notices are automatically sent out as set up by your agency. Your agency may send out notices with a consolidated list of fees on a regular basis. For more information, see [Setting Up Fee Notices](#).

## Viewing Fees and Payments for an Application

1. Select the **Business License Transactions, Permits, or Planning Applications** tile on the Agency Springboard.
2. Click the row for the selected application on the Transactions page.
3. Click **Fees and Payments** in the left panel or click the **View Details** link in the **Fees and Payments** section on the Overview page for the application.
4. On the Fees and Payments page, view a list of fees, including this information:

Page Element	Description
Fee Description	The description of the fee as defined when creating a fee item.

Page Element	Description
<b>Amount</b>	The amount due for each fee.
<b>Currency</b>	The currency in which the transaction is paid.
<b>Status</b>	<ul style="list-style-type: none"> <li>○ <i>Canceled</i>: Indicates the fee payment is no longer required.</li> <li>○ <i>Pending</i>: Indicates the fee is pending the agency's finalization. The fee may or may not become due.</li> <li>○ <i>Hold</i>: Indicates the fee requirement has been put on hold until an issue or condition associated with the application or a permit inspection has been resolved.</li> <li>○ <i>Due</i>: Indicates the current fee request is due and needs to be paid.</li> <li>○ <i>Refund Pending</i>: Indicates that a refund was submitted for processing and approval.</li> <li>○ <i>Refunded</i>: Indicates the fee was reversed and a refund was issued.</li> <li>○ <i>Void</i>: Indicates the refund for the fee was voided.</li> <li>○ <i>Waived</i>: Indicates the applicant no longer has to pay the fee because it's been waived.</li> <li>○ <i>Payment in Process</i>: Indicates that the fee payment was initiated but not yet resolved. Typically this status is temporary and resolved to <i>Paid</i> once the payment is recorded in the application. When the status changes to <i>Paid</i>, click the <i>Paid</i> link to download and view the payment receipt in the format set up by your agency.</li> </ul>
<b>Department</b>	The department within the agency requiring the payment.
<b>Assessed Date</b>	The date the request for payment was issued.
<b>Payment Date</b> (and payer name)	<p>The date payment was received.</p> <p>This field also displays the payer name, which depends on the payment method:</p> <ul style="list-style-type: none"> <li>○ Cash: The name provided by the customer to the cashier.</li> <li>○ Check: The name recorded during payment processing, usually the name on the check.</li> <li>○ Credit or debit card: The name returned by the payment processor.</li> <li>○ Offline: The name recorded during payment processing.</li> <li>○ PayPal: The name returned by the PayPal.</li> <li>○ Trust account: No name is displayed.</li> </ul>
<b>Payment Reference</b>	The payment reference issued for the transaction. Click the payment reference number to view the payment receipt.
<b>Invoice</b>	The payment invoice number of the paid fee associated with the application. Click the invoice number link to view the payment invoice.
<b>Total Fees</b>	The total amount of fees that may be applicable to the application.

Page Element	Description
<b>Total Payable</b>	The amount of fees that are designated as payable.  The agency may generate fees that are not due upon application submission and are therefore not payable. For example, plan review or inspection fees may be applied based on whether a plan review or inspection is required or not. Or the agency may place a due fee on hold.
<b>Total Paid</b>	The amount of the total fees already collected.
<b>Balance Due</b>	The remaining portion of the fees yet to be collected.
<b>Pay</b>	Click to open the Pay Fees page, where you can select the items that you want to pay in this transaction. You can make a full or partial payment.  If you want to make a partial payment, deselect the <i>Select All</i> check box to clear the check boxes for all the fee items and then select individual items. If the application status is <i>Payment Pending</i> , full payment is required. That is, fees that are due when you submit an application must be paid in full.  <b>Note:</b> The <b>Pay</b> button takes applicants and contacts with application access directly to the Checkout page in payment services.
<b>View Deposit Accounts</b>	Click to open the Deposit Accounts page and view a list of all deposit accounts associated with the project.

## Adding Ad Hoc Fees

Using the Fees and Payments page, you can manually add fees to an application if the situation arises, such as a late fee, an unforeseen processing fee, an addition to the project request, and so on. These fees are assessed outside of the automatic fees process. That is, you calculate the amount due and manually enter the fee you want to add.

When the fee status changes to *Due*, the system sends a notification to the applicant that new fees have been assessed and are due.

To manually add a fee:

1. Click **Add Fees** on the Fees and Payments page. This button is only available to agency staff who have appropriate permissions.
2. On the Fee Item Details page, you can choose to manually add an ad hoc fee or use the fee calculator to calculate fees according to a fee schedule. To manually enter a fee, select the Add Fees tab.
3. Select a fee item.
4. Enter the fee required for the item in the **Amount** field.

5. Set the status of the fee in the **Change Status** drop-down list. Select from these values:
  - o *Change to Pending*
  - o *Change to Hold*
  - o *Change to Due*
  - o *Change to Canceled*
  - o *Change to Waived*

When a fee with a *Due* status is added or a the fee status is changed to *Due*, the system sends notifications or alerts, as configured by your agency.

6. Use the **Department** lookup list to select the department to collect the fee.  
The department defaults from the fee item, if specified. Otherwise, the system uses the department from the application type setup.
7. Set the appropriate date for the fee using the **Assessed Date** field.
8. Use the **Memo** field to add any additional description to help identify the nature of the newly added fee, which can help answer questions regarding why a fee was added during the application process.
9. Click **Save**.

## Calculating Additional Fees

Use the fee calculator when you want to calculate additional fees for an application after submission. The fee calculator enables you to enter information for the calculation based on a fee schedule. After the fees are calculated, you can select the fee items you want to add to the application.

The **Add Fees** button is not available when the application status is *Pending Payment* or *Pending Submittal*. When the fee status changes to *Due*, the system sends a notification to the applicant that new fees have been assessed and are due.

Let's walk though how to use the fee calculator:

1. Click **Add Fees** on the Fees and Payments page. This button is only available to agency staff who have appropriate permissions.
2. On the Fee Item Details page, you can choose to manually add an ad hoc fee or use the fee calculator to calculate fees according to a fee schedule. To use the fee calculator, select the **Calculate Fees** tab.
3. Select a fee schedule. If a fee schedule is already associated with the transaction type, the fee schedule name appears as the default value, but you can select a different fee schedule as well.
4. Based on the fee structure you choose, you'll see fields that are relevant to the fees. Enter the requested values.
5. Click **Calculate Fees**.

**Note:** This button may be disabled if the OIC is temporarily inactive. Once the OIC is active, you can start the Calculate Fees process.

6. On the Add Fees page, you'll see the calculated amounts and department for each fee item. If you want to add the calculated fee to the fees due for the application, select the fee and click **Add Selected**.

The fee item appears in the fees list with a *Due* status.

## Adjusting Fees

Agency staff with appropriate permissions can correct or adjust fees as needed after the application is submitted. For example, if the applicant added 6 solar panels instead of 2, the required permit fees might increase. After you update



the information that was submitted during intake in the application details, you can recalculate the total fees due based on the fee schedule for the application type. The recalculation corrects the fees by either generating a new fee or changing the amount.

Here's how you can adjust the fees for an application:

1. On the Application Details page for the application, click **Edit**.
2. Make changes as needed and click **Done**.
3. On the Fees and Payments page, click **Recalculate**.

The difference in fees compared to the original fee or the new fee appears as a separate line in the fee list. The fee totals for the application are also updated. If no adjustments are required, the displayed fees remain the same. If a fee item with a negative amount results from recalculating fees, you can process a refund to correct the overpayment.

**Note:** Fees are also recalculated when agency staff or applicants click the **Pay** button on the Transactions page or Applications page, respectively, or on the Fees and Payments page. Applicants will also see the adjusted fees on their Make a Payment page. Contacts with application access can initiate payments and see adjustments only by using the **Pay** button for the application record on the Applications page or on the application's Fee and Payments page.

## Paying Fees

To add a payment for fees that are due, click the **Pay** button. As agency staff, you have the choice of paying some or all of the fees. After you select the fees that you want to pay, you can select the payment method on the Checkout page. The **Pay** button takes applicants and contacts with application access directly to the Checkout page.

**Note:** Registered public applicants and contacts with application access are not allowed to make partial payments. These users must ask the agency to make a partial payment on their behalf. If the application status is *Payment Pending*, full payment is required. That is, fees that are due when you submit an application must be paid in full.

For more information about paying fees, see the [Payment Flow Overview](#).

## Incomplete Payments

When a fee payment is initiated, Oracle Permitting and Licensing gives it a status of *Payment in Process* which indicates that it needs to be resolved and no other payment requests can be made for the fee. If there is a network issue, the system tries to resolve the payment while the user is waiting for the payment to be processed. If the user navigates away from the checkout page or closes the browser before the payment is recorded in Oracle Permitting and Licensing, the fee status remains *Payment in Process*. When a user accesses the fee payment again through the Make a Payment page or Fees and Payments page, the application automatically tries to resolve the status to *Paid* or reset it to *Due*.

**Note:** You can reconcile card payments using the Sync Card Payment Status process. See [Reconciling Orphaned Card Payments](#).

## Refunding Fees

Agency cashiers and application administrators can process full or partial refunds of permit, planning application, and business license fee items online.

Here's how to refund permit fees:

1. Click the **Select Multiple** icon to display the row selector.

2. Select one or more fee items.

You can only select fees that have been paid or fees with system-generated negative amounts that are due.

3. Click **Initiate Refund**.

4. Review the fee amount and refund method. When processing a partial refund, you're overriding the default fee amount.

5. You must enter a refund reason before you submit the refund request.

6. Click **Process Refund** to reverse or partially reverse the fee.

After you submit the refund request, the status changes to *Refund Pending* and the refund moves into a queue to be approved. When you submit the request, you'll see updated fee totals for the application. Once approved, the refunded amount appears as a new line in the list of payment items with a *Refunded* status.

For debit or credit, the system issues the refund using the method used for payment, while distribution for other payment methods is by manual check or other external system.

You can process multiple partial refunds to PayPal, credit, or debit cards. Note the following for reconciliation purposes:

- The first refund (partial or full refund of the settlement amount) is posted as follow-on credit to the original settlement transaction in CyberSource.
- Subsequent partial refunds are posted as stand-alone credits in CyberSource.

For more information about the refund approval process, see [Viewing and Processing Refunds](#).

## Viewing Deposit Accounts

Agency staff and public users can view a list of all active deposit accounts that are associated with the current application. You select the deposit account to charge fees for a specific transaction that is associated with the application. Click the View Deposit Accounts link on the Fees and Payments page. The Deposit Accounts page lists the details of accounts:

- Account: Click the link ID to drill down to the details of the deposit account.
- Name: The name of the account
- Primary Owner
- Balance: The available balance amount in the account
- Minimum Balance: The minimum balance that must be maintained in the account
- Account Type

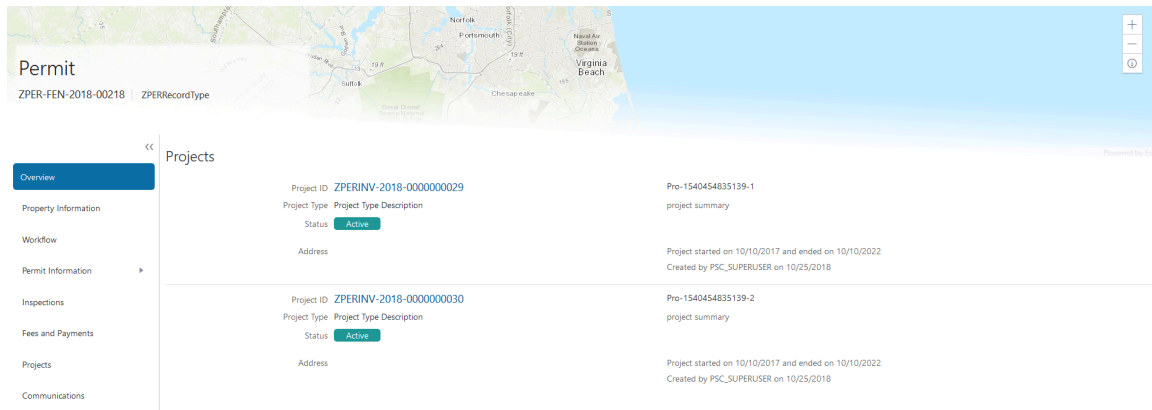
For information about deposit accounts, see [Depositing Funds](#).

## Viewing Project Summaries

If a permit or planning application is assigned to a project, agency staff and public users can view a summary of the project in the application details. The permit or planning application can be assigned to multiple projects.

Agencies create projects to group various applications. A project provides a summarized, consolidated view across project-related records, for example, a construction project for a residential building or commercial development. Projects can be simple or more complex, including permits and various compliance requirements through to completion.

This example illustrates the Projects summary page in the permit details, which is described in the surrounding text.



## Viewing the Project Summary

As an agency employee, you can navigate to the project summary in the application details through the Agency Springboard:

1. Select **Permits** or **Planning Applications** on the Agency Springboard.
2. Click the row for a permit or planning application to access the detail.
3. Click **Projects** in the left navigation panel.

**Note:** The **Projects** tab is available only when the permit is associated with a project.

4. On the Projects page, you see a summary of the project that was created by the agency staff on a primary projects page.

Page Elements	Description
<b>Project ID</b>	Click the project ID link to access the projects page that was created by agency staff. The project ID is automatically generated after saving the project.
<b>Project Type</b>	Review the project type. A project type is based on the nature of the project and is set up during implementation, for example, Commercial Project or Residential Project.
<b>Status</b>	Review the status of the project. For example, <i>Active</i> , <i>Canceled</i> , <i>On Hold</i> , <i>Inactive</i> , or <i>Completed</i> .
<b>Address</b>	Review the address of the project.
Project Name	Review the name of the project.
Project Summary	Review a summary of the project. The summary can be a long description of the project, as entered by the agency staff.

Page Elements	Description
Project Start Date and Project End Date	Review the start and end dates.
Project Created By	Review the name of the person who created the project.

## Working with Communications

Messages enable agency staff, responsible parties, and applicants to maintain correspondence regarding the progress of applications or cases.

Agency users can send emails, notifications, and texts associated with a specific application or case on the Communication Details page. Agency staff, applicants, and responsible parties can also use the Communication Details page to view a record of the messages associated with an application or case.

### Security Details for Working with Application Communications

This section describes important security roles, requirements, or considerations specific to working with permit and planning application communications.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
Anonymous access	View permit communications that are marked as visible to the public.	All users, including guests who don't log in.
PSC Registered Public User	View communications that are marked as visible to applicants.	PSC Registered Public User
PSC Permits Communication Management	Manage communications in permit applications.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Building Inspector PSC Business Analyst PSC System Administrator PSC Principal Planner

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician

Primary Role	Access Description	Associated Job Roles and Abstract Roles
Anonymous access	View planning application communications that are marked as visible to the public.	All users, including guests who don't log in.
PSC Registered Public User	View communications that are marked as visible to applicants.	PSC Registered Public User
PSC Planning and Zoning Communication Management	Manage communications in planning applications.	PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Cashier PSC Principal Planner

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Sending Communications



1. Click **Business License Transactions, Permits, , Planning Applications, or Cases** on the Agency Springboard.  
 Select an application on the Transactions page. For Code Enforcement, select a Case.  
 Click **Communications** in the navigation bar.




2. On the Communication Details page, click **Add**.

Agency planners can send their application communication from the My Applications tab. Click the **Planner Worklist** tile on the Agency Springboard and then click the My Applications tab. You send an ad hoc message for an application by clicking the **Actions** menu and selecting **Send Message**.

3. On the Ad Hoc Message page, enter values or click Insert (+) and choose from the list for the following fields:

Page Elements	Definition
<p><b>Channel Type</b></p>	<p>Specify what type of ad hoc message you want to send. Values are:</p> <ul style="list-style-type: none"> <li>○ <i>Email</i>: Generates an email that is sent to users.</li> <li>○ <i>Emails and Notifications</i>: Generates both an email and a notification with the same message.</li> <li>○ <i>Notification</i>: Generates a notification that appears when users click the notification icon in the application.</li> <li>○ <i>Text</i>: Generates a short message service (SMS) text message that is sent to users.</li> </ul> <p><b>Note:</b> The fields that are available to define on this page vary depending on the channel type and display format that you select.</p>
<p><b>Visibility</b></p>	<p>Select which users can see this message listed on the application's Communication Details page. All communications can be viewed by agency staff. Values are:</p> <ul style="list-style-type: none"> <li>○ <i>Applicant and contacts</i>: Includes agency staff, the applicant, and contacts added to the transaction.</li> <li>○ <i>Agency staff only</i>: Includes only agency staff.</li> <li>○ <i>Applicant and Primary Contact</i>: Includes agency staff and the primary contact on the transaction.</li> </ul> <p><b>Note:</b> This option is presently not applicable for Code Enforcement.</p>
<p><b>Display Format</b></p>	<p>Select the format of the message. Values are:</p> <ul style="list-style-type: none"> <li>○ <i>HTML</i>: Displays rich text, links, and images</li> <li>○ <i>Text</i>: Displays plain, unformatted text.</li> </ul> <p><b>Note:</b> This field does not appear for the <i>Text</i> channel type.</p>
<p><b>Create Web Form</b></p>	<p>Click to access the Web Form modal page where you create a questionnaire that you can insert into your message.</p>

Page Elements	Definition
<p><b>Priority</b></p>	<p>Turn this switch on to display the notification at the top of the notification list.</p> <p><b>Note:</b> This field appears only for the <i>Emails and Notifications</i> and <i>Notification</i> channel types.</p>
<p><b>User Can Delete</b></p>	<p>Turn this switch on to enable users to delete this notification from their notification lists.</p> <p><b>Note:</b> This field appears only for the <i>Emails and Notifications</i> and <i>Notification</i> channel types.</p>
<p><b>Insert Web Form</b></p>	<p>Click the icon to insert the web form questions into the body of your message along with a link that the recipient can use to access and respond to the questionnaire.</p>
<p><b>To</b></p> 	<p>Click the Insert button to view a drop-down menu from which you can search for and select recipients. The display shows the options and the count of values available, which are determined by the transaction you are working with and the channel type you selected in the Message Attributes section.</p> <p>For example, when you select a value here for the email channel type, the email ID is inserted into the field. You can delete the ID using the X icon, but you cannot edit it.</p> <p>Enter the email addresses, user IDs, or phone numbers of the people or organizations that you want to send the communication to.</p> <p><b>Note:</b> Enter email addresses for emails, user IDs for notifications, and phone numbers for texts.</p> <p>For more information, see <a href="#">Using Attributes in Communication Templates</a>.</p>
<p><b>Cc and Bcc</b></p> 	<p>Enter or click + and select the email addresses of the people or organizations that you want to receive a copy or blind copy of the message.</p> <p><b>Note:</b> These fields appear only for the <i>Email</i> and <i>Emails and Notifications</i> channel types.</p>
<p><b>Attachments</b></p>	<p>Click Add to add an attachment from your local device. After adding an attachment, you can click the Actions icon to view attachment details, download attachments, or delete attachments.</p>

Page Elements	Definition
<p><b>From</b></p> 	<p>Enter or click + and select the email address, user ID, or phone number of the person or organization who is sending the generated message.</p> <p>For text messages, select the phone number of the person or organization who is sending the generated text message from the drop-down list. The available numbers come from a third-party messaging service.</p> <p><b>Note:</b> Enter email addresses for the <i>Email</i> and <i>Emails and Notifications</i> channel types, user IDs for the <i>Emails and Notifications</i> and <i>Notification</i> channel types, and phone numbers for the <i>Text</i> channel type.</p>
<p><b>Subject</b></p> 	<p>Enter a brief description of the purpose and content of the message or click + to select attributes to include.</p> <p><b>Note:</b> This field doesn't appear for the <i>Text</i> channel type.</p>
<p><b>Message Body</b></p> 	<p>Enter or click + to select attributes for the main body text of the message.</p> <p>For the <i>Text</i> channel type and emails and notifications with the <i>Text</i> display format, you can enter only plain, unformatted text.</p> <p>For the <i>HTML</i> display format, you can enter rich text, links, and images.</p>

You can also insert variables for contact attributes into fields when composing a communication for contacts with a specific type, the primary contact, or all contacts. Select attributes such as phone, email, user ID, and user name of the contacts and insert the variables into the selected field. For example, if you want to send an email to all of the contacts for an application, you select the email attribute for all contacts and insert the variable into the email **To** field. For information about inserting variables, see [Using Attributes in Communication Templates](#).

4. Click **Send**.

## Communicating Using a Web Form

You can create and send emails or notifications that contain an online form with questions for the applicant, responsible party, or other agency staff. The correspondence contains a link that the recipient can use to access and respond to the questionnaire. Note that contacts can't access web forms or web form attachments.

Here's how to create a web form:

1. On the Communication Details page, click **Add**.



2. Enter values for the channel type, such as email or notification, visibility to send to the applicant, responsible party, or agency staff, and the **To**, **From**, and **Subject** fields.
3. Click **Create Web Form**.
4. For each row of the web form, enter the **Question Text** along with the **Answer Type** that you expect from the recipient for that question. You can select from these answer types:

Answer Type	Description
<i>Attachment</i>	Enables the recipient to attach one file per question.  After the recipient uploads the file and submits the form, attachments are available in the web form response and on the Attachments page for the application.
<i>Date</i>	Enables the recipient to answer the question using a calendar to indicate the date.
<i>Text</i>	Enables the recipient to enter text in response to a question.
<i>Number</i>	Enables the recipient to enter a numeric value of up to 13 digits and three decimal places.

5. Click **OK** to save your web form questionnaire and return to the Ad Hoc Message page. The **Create Web Form** button displays the number of questions included on the web form in parentheses.
6. Click **Send**.

After you receive the communication, you click the link in the message to open the online web form and answer the questions or upload a file. After you submit the form, the response appears on the Communication Details page and attachments are also listed on the Attachments page.

## Viewing Application Communications

The Communication Details page displays a list of all messages that are associated with the application or case, including emails, notifications, texts, and web form responses.

1. Click **Business License Transactions, Permits, Planning Applications** , or **Cases** on the Agency Springboard. Select an application on the Transactions page. For Code Enforcement, select a case. Click Communications in the navigation bar. You can view the message reference ID, date and time the message was sent, message subject, channel type, attachments, and status, such as *Sent*.
2. For each row on the Communication Details page you can:
  - o Click the **Actions** icon to resend or forward the message.
    - Select the **Resend** action to access the message in the Message Details modal page in display-only mode. Click **Resend** to send the message another time to the same list of recipients.
    - Select the **Forward** action to access the message in the Message Details modal page. Enter new recipient email addresses, update the message if necessary, and click **Forward** to send the updated message to the new recipients.

- o Click the **View More Details** button to view detailed information about the message.
- o If there are attachments, you can view detailed information about the attachment.

## Viewing Application Status History

You can view the history of application status changes on the Status History page in the application details.

Whenever the status changes for a transaction, the change is recorded and viewable in the details for the application. The status history is display-only.

### Reviewing the Status History

1. Select **Business License Transactions, Permits, or Planning Applications** on the Agency Springboard.
2. Click the row for a permit or planning application to access the detail.
3. Click the **Additional Information** menu item in the left panel.
4. Click the **Status History** link to view the Status History page for the permit or planning application.

Page Element	Description
<b>Status</b>	Displays all of the transaction statuses that have been applied to the application.  For a list of transaction statuses, see <a href="#">Setting Up Transaction Statuses</a> .
<b>Updated By</b>	Displays the name of the person who performed the action that updated the status in the system.
<b>Updated Date</b>	Displays the date when the status changed for the application. The dates are displayed by the first to latest status.
<b>Reason</b>	Displays the justification for withdrawing an in-progress application or for canceling a pending application. A reason is required when the agency staff withdraws or cancels an application.

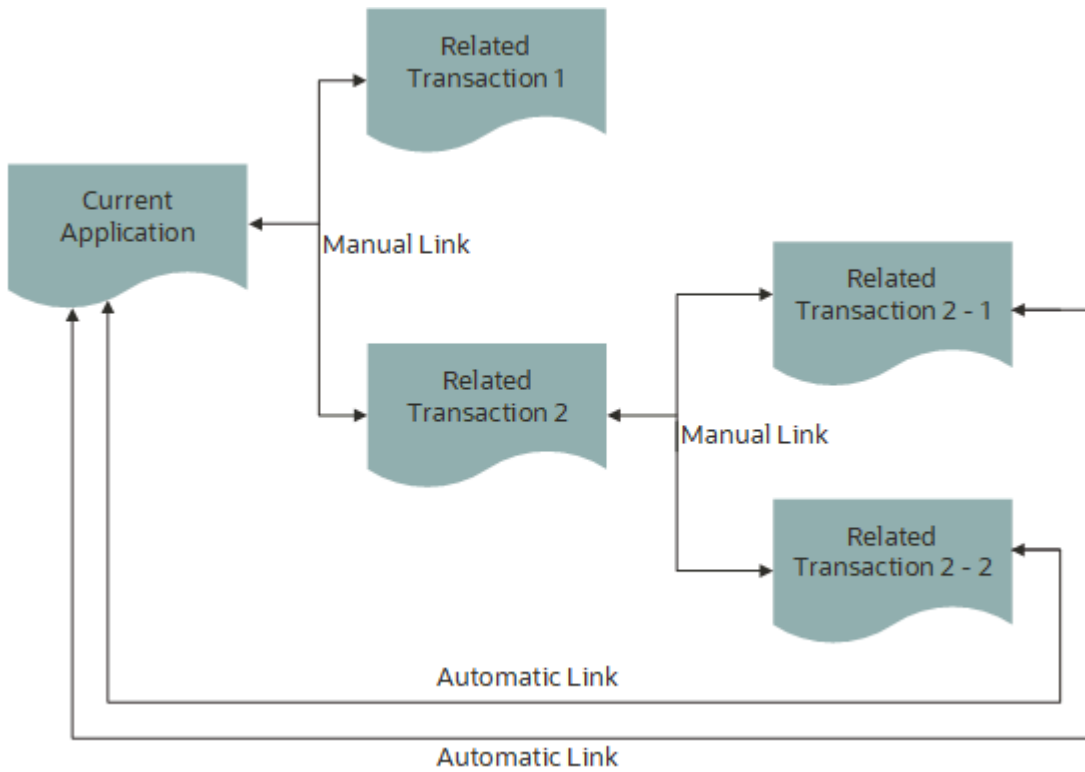
## Working with Related Transactions

Applicants and agency users can link their consultation, business license, permit, or planning applications to other transactions using the Related Transactions page. Agency staff can establish links between transactions and code enforcement cases. Only agency staff such as a code technician have access to the Case – Related Transactions page and are allowed to drill down to the case detail from other transactions. Public users do not have access to related transactions for cases.

## Transaction Linking

As agency staff you can establish relationships between transactions and then perform actions such as viewing the related transaction applications, marking them as primary or sub-application, and removing the link.

The following diagram shows the related transactions linking for a selected application:



## Security Details for Working with Related Transactions

This section describes important security roles, requirements, or considerations specific to working with related transactions.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Manage Related Transactions	Manage related transactions.	PSC Agency Staff - All agency users PSC System Administrator
PSC Registered Public users	Manage related transactions. Access is also dependent on the related transactions configuration in agency setup.	PSC Registered Public users

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).


## Viewing Related Transactions


The Related Transactions page lists all the transactions linked to the selected application including those transactions that are in turn linked to the transaction you have linked. To view all the related transactions:

1. Access the Transactions page for your consultation, business license, permit, or planning application from the Agency Springboard. For Code Enforcement, access the Cases page.
2. Select the business license, permit, case, or planning application for which you want to link a transaction.
3. Click the **Related Transactions** link in the left panel to open the Related Transactions page and view related transactions added by applicants, contacts, and agency staff.

**Note:** For code enforcement cases, only agency staff can add and manage related transactions.

4. View the details of the linked transactions:

Page Element	Description
	View the relationship of the linked transaction application with the selected application.
Transaction	View the identifier of the linked transaction, a link to access the application detail, and the type of application.  <b>Note:</b> The detail link is available only for agency staff. Public users accessing this page for their transaction can only view the identifier of the application or case. They cannot drill down to the detail page.
Status	View the status of the transaction or case and the date of update.
Description	View the description of the transaction.
Source	View the detail related to the linking of the transaction: <ul style="list-style-type: none"> <li>○ <i>Manual or Automatic linking:</i> The transactions that are manually linked to this application show as <b>Manual</b> and the other transactions that are indirectly linked show as <b>Automatic</b>. For example, if you link transaction 1 to your application X, then the Related Transaction page on your application X shows 1 as <i>Manual</i> and any other transaction that is linked to 1 shows as <i>Automatic</i>.</li> <li>○ <i>Primary or Sub-application:</i> The relationship of the linked transaction with the selected application</li> <li>○ <i>Linked by &lt;user&gt; with &lt;date&gt;:</i> The user (staff or public user) who linked the transaction, with the date of linking.</li> </ul>

Page Element	Description
	Click and choose from options to mark a transaction as primary, sub-application, for removing the link, or for applying conditions of approval to permits. See a separate section on performing actions.

## Adding a Related Transaction

As an applicant, you can establish links only from your business license, permit, or planning application. Agency staff can however add related transactions from any transaction.

Code enforcement case related transactions are created and managed only by agency staff such as a code technician.

**Note:** Linking option for related transactions is set up in Functional Setup Manager (FSM). For details on setting up the related transactions for your agency, see *Setting Up Agencies*- Setting Up Related Transaction Linking.

To link a business license, permit, case, or planning application to a transaction:

1. Access the Transactions page from the Agency Springboard.  
For cases, access the Cases tile from the Agency Springboard.
2. Select the business license, permit, case, or planning application for which you want to link a transaction.
3. Click the **Related Transactions** link in the left panel to open the Related Transactions page.
4. Click the **Link** button to open the Link Transaction page, which lists the applications you can link. Agency staff can access the list of cases in a separate tab. These pages list all the active applications and cases related to the selected property or case. Enable the **Show All** switch to view all the applications or cases in the system.

**Note:** If no property is associated with the application or case, then all applications are listed by default.

5. Select all the desired applications or cases using the check boxes and then click the **Add Selected** button to establish a link between the transaction applications. The Link Transaction page closes to show the Related Transactions page, which now lists the new transaction rows.

## Performing Actions on Related Transactions

Agency staff and public users such as applicants and contact users with appropriate permissions can mark related transactions as primary or sub-application. Only agency staff can manage related transactions for code enforcement cases.

As an applicant or contact user you can remove the link between related transactions from your transactions. This is not applicable to code enforcement cases.

Agency staff have access to all transactions to remove related transaction links.

Click the Actions menu and select from:

- Mark as Primary
- Mark as Sub-application
- Remove Application Link (Not available for an automatically linked transaction)
- Apply Conditions of Approval: Add conditions of approval to the current permit.

**Note:** This option is available only for permits.

See *Working with Permit Conditions of Approval*

If a transaction is marked as Primary, its **Actions** menu will show the option to mark it as Sub-application. Likewise, if a transaction is marked as Sub-application, its action will show the option to mark it as Primary.

## Working with Permit Conditions of Approval

Conditions of approval are restrictive requirements and terms that are applied to project applications such as permits and planning applications. Regulatory agencies enforce such conditions at various stages of the development life cycle to ensure project compliance with the regional laws.

Managing conditions of approval consists of applying conditions through transactions, reviewing, and resolving them based on the compliance criteria defined at specific stages of the project development time line.

### Security Details for Working with Permit Conditions of Approval

This section describes important security roles, requirements, or considerations specific to working with permit conditions of approval.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Permits Conditions of Approval Management	Apply and resolve conditions of approval on permits that are not closed.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician



For more information on creating roles for Oracle Permitting and Licensing, see *Creating Custom Roles for Oracle Permitting and Licensing*.

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the *Security Reference for Oracle Oracle Permitting and Licensing*.

## Viewing the Conditions of Approval

The permit activity summary on the Overview page shows a graphical representation of the status of the conditions of approval that were applied at various stages of the project time line. The various stages of the project are determined by the compliance period set up by the agency. You can click each dial to drill down to the details of the conditions applied for the specific compliance period.

1. Navigate to **Permits > Permits** or click the **Permits** tile on the Agency Springboard.
2. On the Transactions page, click the row for a selected permit to open the Overview page.
3. On the Overview page, review details of conditions of approval in the **Conditions of Approval** section:

Page Element	Description
	<p>Review the status of the conditions:</p> <ul style="list-style-type: none"> <li>○ The number in the center of the dial shows the number of applied conditions.</li> <li>○ The colored section represents the resolved conditions. The complete dial changes to green color when all applied conditions are resolved,</li> <li>○ &lt;Number&gt; Resolved: The number of resolved conditions.</li> </ul> <p>Click the dial to open the Conditions of Approval page, which lists all the conditions applied to the permit for the specific compliance period.</p>
<p><b>Others &lt;number&gt;</b></p>	<p>Review the number of additional conditions applied.</p>
	<p>Click to open the Related Transactions page and then link transactions through which you apply conditions of approval to your permit. See the next section for more details.</p>

## Applying Conditions of Approval

As an agency staff such as a permit technician, you apply the conditions of approval to your permit through related transactions linking. After linking the planning applications that contain the conditions you require, you access the list of conditions and select the ones that must apply to your permit. Each of the selected conditions applied to the planning application will map itself to your permit and spread across the stages of permit development life cycle – based on the compliance period specified by the agency planner.

To apply conditions of approval:

1. Navigate to **Permits > Permits** or click the **Permits** tile on the Agency Springboard.
2. On the Transactions page, click the row for a selected permit to open the Overview page.
3. In the Conditions of Approval section, click **Apply Conditions of Approval** to open the Related Transactions page for the permit.
4. On the Related Transactions page, click the **Link** button to open the Link Transaction page.

5. The Link Transactions page lists only the applications that are active for the selected property. Use the check boxes to select the planning applications that have the conditions of approval needed for your permit.
6. Click **Add Selected**. The Link Transaction page closes and the Related Transactions page now lists the newly linked transactions. Transactions of the type *Manual* as well as *Automatic* are listed. For information about transactions sourced manually and automatically, see *Working with Related Transactions*.
7. Click the **Actions** menu for the application record from which you want to apply conditions and select **Apply Conditions of Approval**.
8. On the Conditions of Approval page, review the following details:
  - o The planning application to which the conditions are applied.
  - o The planner assigned to the application.
  - o The list of active conditions of approval, each of their compliance period, and a switch to select for applying to the permit.

Use the switch to individually select the conditions you want to apply to your permit. Select the **Apply All** switch to apply all the conditions listed. Click **Save** to close the page and apply the selected conditions.

9. The Related Transactions page shows the updated record with a status of **Conditions applied**. You can click the link to reopen the Apply Conditions page.

The **Conditions of Approval** section in the Overview page now shows the distribution of the applied conditions over the project development time line. Permit technicians can review and resolve them as needed.

## Resolving Conditions of Approval

Agency staff such as a permit technician review the conditions applied to their assigned permit application and update or resolve them after the project inspection.

To resolve conditions of approval:

1. Navigate to **Permits > Permits** or click the **Permits** tile on the Agency Springboard.
2. On the Transactions page, click the row for a selected permit to open the Overview page.
3. In the Conditions of Approval section, click the dial corresponding to the project stage at which the conditions exist. The Conditions of Approval page opens.
4. The page lists all the applied conditions. Each condition provides the source, a switch to resolve the condition, and a field to enter resolution comments. Select the conditions you want to resolve and enter your comments.

To select all the applied conditions, select the **Resolve All** switch.

5. Click **Save** to close the page and resolve the selected conditions. The dials are now updated to represent portions of resolved conditions along with the number of resolved conditions.



# 6 Working with Expiration

## Security Details for Working with Expiration

This topic describes important security roles, requirements, or considerations specific to working with expiration.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Administer Permit Expiration Date	Administer the expiration date on the permit overview page.	PSC Permits Supervisor PSC Permit Technician
PSC Update Permit Expiration Date	Update the expiration date on the permit overview page.	PSC Building Officer PSC Business Analyst PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Permits Supervisor PSC System Administrator PSC Permit Technician

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Expiration Overview

This topic describes expiration rules, including the types of rules that can be applied to the different types of transactions and the batch process that updates expiration statuses for transactions.

### Expiration Rules

Your agency defines expiration rules that determine the expiration dates for permits, planning applications, and business licenses. The expirations apply to different phases of the permit, planning application, or business license lifecycle. The system calculates expiration dates based on transaction statuses, or for business licenses with a fixed date expiration rule, a specified date. The rules can include grace periods, which provide extra time beyond the expiration date for the user to take action. The rules also can include extensions for permits and planning applications,

which provide a way for you to add time to the expiration timeframe. Note that pending inactive applications can't be extended.

For information about expiration rules, see [Setting Up Business License Expiration Rules](#), [Setting Up Permit Expiration Rules](#), and [Setting Up Planning Application Expiration Rules](#).

## Business License Expiration Dates

You can set up expiration rules for business licenses to define:

- When an inactive pending application expires.

The expiration timeframe begins when the applicant saves a business license application and ends when the application is submitted.

- When the business license expires based on either a fixed date or when the license was issued.

For example, a city requires a business license for a sidewalk café and sets up the rules like this: The business starts an application and has 30 days to submit it to the city. Then the business license is valid for 60 days from when the license was issued. Alternately, the city could set up the expiration dates to occur at regular intervals, such as monthly, quarterly, or yearly, for example.

## Business License Consultation Expiration Dates

You can set up expiration rules for business license consultations to define:

- When an inactive pending application expires.

The expiration timeframe begins when the applicant saves a consultation application and ends when the application is submitted.

- When the consultation recommendations expire and the business must submit a business license application.

For example, the agency can require businesses to submit their application for a business license consultation within 14 days of starting the application. Once the consultation is complete, the business has another year to roll the recommendations over into a business license application.

## Permit Expiration Dates

Expiration rules for permit applications define the following:

- When an inactive pending application expires.

The expiration timeframe begins when the user saves an application and ends with application submission.

- When the application expires.

The expiration timeframe begins when the agency accepts an application and ends when the permit is issued.

**CAUTION:** When an application expires, all plan review tasks associated with the application are canceled.

- When the permit expires.

The expiration timeframe begins when the agency issues the permit and ends when the Certificate of Occupancy is issued or the permit is completed.

**CAUTION:** When a permit expires, all inspection tasks associated with the application are canceled.

For example, the rules for a permit application may be set up as follows: Require users to submit an application they started within 30 days. Then after the application has been accepted, they have another 45 days to complete requirements and get the issued permit. Once the permit is issued, the applicants must complete the all tasks including the final inspection within 180 days. The rules may provide for a grace period and one or more extensions to allow for more time.

## Planning Application Expiration Dates

Expiration rules for planning applications define the following:

- When an inactive pending application expires.

The expiration timeframe begins when the user starts an application and ends with application submission.

- When the entitlement expires.

The expiration timeframe begins when the agency issues the completed entitlement and ends when the user submits the permit application.

This example applies specifically to planning applications: After the user submits the planning application and the agency issues an entitlement, the user must submit a permit application within 90 days. There is a grace period of 5 days, so the applicant has a total of 95 days to submit the application before the entitlement expires. The rules may provide one or more extensions to allow for more time.

## Pre-Application Expiration Dates

Expiration rules for pre-applications define the following:

- When an inactive pending pre-application expires.

The expiration timeframe begins when the user starts an application and ends with application submission.

- When the pre-application expires.

The expiration timeframe begins when the user completes the pre-application and ends when the user starts the planning application.

An example for pre-application expiration might be like this: The applicant submits the pre-application within 30 days as specified in the expiration rules. Then the applicant completes the tasks such as meetings and required applications. Then the applicant has 120 days from the time the pre-application is complete until they submit the planning application. There may be a grace period and extensions for pre-application expiration dates.

## Processing Expiration Status

You can view the latest expiration statuses in the details of an individual transaction, or in the list of transactions. To change the status to *About to expire* or *Expired*, your agency must run batch update expiration processing. Processing runs against transactions with transaction types for which an expiration rule was defined.

Here's an example of how the processing works: An agency created a rule for solar permits that indicates pending applications expire in 30 days. The rule indicates that the permit is about to expire 5 days before the expiration date. When the pending application is inactive for 25 days, the application is about to expire, and at 30 days, the application expires. When expiration processing runs, the system updates the expiration dates for pending solar permit applications to indicate that the application is about to expire and when it expired and sends out communications based on the updated status and the rule. If the rule includes a grace period, such as 3 days, the system status changes to expired after 33 days of inactivity.

When an application expires, processing changes the system status to *Expired* and cancels all associated open tasks.

You must periodically run batch expiration rule processing to update the about to expire and expired statuses after setting up communication rules. The system updates the statuses and sends out the communications according to the setup.

For information about how to process expiration statuses, see [Updating Application Expiration Status](#).

## Working with Application Expiration

You can view and extend expiration dates for different types of permit and planning applications that are determined by rules set up by your agency.

You view the expiration dates on the list of transactions with permit and planning application information as well as on the individual application's Overview page.

### Viewing the Expiration Dates

Here's how you can view expiration dates:

1. Select **Permits** or **Planning Applications** on the Agency Springboard.
2. On the Transactions list page, you see the list of permit or planning applications for the agency.

Click **Sort By** and select *Expiration Date* to view the applications sorted by expiration date. You can also use **Filter By** to filter the results based on expiration date.

Here's an example of what you would see on the Transactions page: If the expiration rule is set up to show that the pending application is about to expire in 5 days due to inactivity, the expiration date displays *Expires in 5 days on <date>* before the application expires. When the application expires, you'll see *Expired on <date>*.

3. To view the expiration on the Overview page of the application, click the row for the application on the Transactions list page. You'll see the date next to the **Expiration Date** field and the status, such as *About to expire* or *Expired* in the **Status** field.

### Extending Expiration Dates

Depending on the rules created for an application type, you can manually extend the deadlines for an application. When one or more extensions are possible, the **Extend** link is available for you to enter a new expiration date. You must have appropriate permissions associated with your role to manually extend a permit. The link is available during the period when the application is about to expire and also during the grace period.

**Note:** With the exception of inactive pending applications, you can manually extend the expiration dates as defined for the application type in the rules setup.

Depending on expiration rules setup, permits can also be extended automatically based on inspection activity. Both manual and automatic extensions count toward the number of extensions allowed. For information about setting up automatic extensions as well as the number of extensions allowed, see [Setting Up Permit Expiration Rules](#).

## Updating Application Expiration Status

You update the application expiration status using a process that runs against predefined rules.

You run the process that updates expiration statuses on the Process Expiration Rules page, which you access by selecting **Common > Process Expiration Rules**. Oracle recommends that you schedule expiration rules processing to run daily.

**Note:** After setting up expiration rules, you must periodically run batch expiration rule processing to update the *About to Expire* and *Expired* statuses. The system updates the statuses and sends out communications according to the setup.

Here's an example of how the processing works: An agency created a rule for solar permits that indicates application expires in 30 days. The period of time when a notification appears for applications about to expire is 5 days. During processing, the system updates the status to *Expired* when the application expires. That is, when the permit is not issued within 25 days, the application is about to expire, and at 30 days, the application expires. If the rule includes a grace period, such as 3 days, the system status changes to *Expired* after 30 days, but resets if there is activity within the 3-day grace period. Processing triggers alerts and notifications when the application is about to expire and upon expiration.

When an application or permit expires, processing changes the system status to *Expired* and cancels all associated open tasks.

## Entering Parameters to Process Expiration Rules

1. Access the Parameters tab on the Process Expiration Rules page.
2. Select the **Classification** for which you are updating expiration dates: *Planning and Zoning* or *Permits*.

## Scheduling the Process

1. Access the Schedule tab.
2. To immediately add the process to the queue, select the **As soon as possible** option.
3. To create a schedule for the process, select the **Using a schedule** option, and enter values using the following fields:

Page Element	Description
Frequency	Select how frequently you want to run the process. Values are: <ul style="list-style-type: none"> <li>○ <i>Once</i>: Select to run the process one time only.</li> <li>○ <i>Hourly or minute</i>: Select to run the process at regular time intervals.</li> </ul>

Page Element	Description
	<ul style="list-style-type: none"> <li>○ <i>Daily</i>: Select to run the process at regular intervals in days.</li> </ul> <p><b>Note:</b> <i>Daily</i> is the recommended option for running the expiration status update process.</p> <ul style="list-style-type: none"> <li>○ <i>Weekly</i>: Select to run the process at regular intervals in weeks.</li> <li>○ <i>Monthly</i>: Select to run the process on specific days of the month.</li> <li>○ <i>Yearly</i>: Select to run the process during specific months.</li> </ul>
<b>Start Date</b>	Enter the date on which you want to begin your scheduled processing.
<b>End Date</b>	Enter the date on which you want to end your scheduling processing.
<b>Hours and Minutes</b>	<p>Enter the time interval between scheduled processes. For example, if you enter 2 in the <b>Hours</b> field and 30 in the <b>Minutes</b> field, the process will run every 2 hours and 30 minutes beginning on the specified start date.</p> <p><b>Note:</b> These fields are available only if you select a process frequency of <i>Hours</i> or <i>Minutes</i>.</p>
<b>Days</b>	<p>Enter the number of days between scheduled processes. For example, if you enter 3, the process will run every 3 days beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Daily</i>.</p>
<b>Weeks</b>	<p>Enter the number of weeks between scheduled processes. For example, if you enter 6, the process will run every 6 weeks beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Weekly</i>.</p>
<b>Repeat – By day</b>	<p>Select this option to run the process on specific days of the month irrespective of the date. For example, if you select the <b>Second</b> and <b>Wednesday</b> options, the process will run on the second Wednesday of every month.</p> <p>You can select more than one week of the month and day of the week option. For example, you could schedule the process to run on the first and third Monday of every month.</p>

Page Element	Description
	<p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly</i> or <i>Yearly</i>.</p>
<p><b>Repeat – By date</b></p>	<p>Select this option to run the process on specific dates of the month. You can select more than one date.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly</i> or <i>Yearly</i>.</p>
<p><b>Month</b></p>	<p>Select the months in which you want your process to run.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Yearly</i>.</p>

## Setting Up Process Notifications

You can set up the process to send notifications to you and others when it runs.

1. Turn on the **Notify Me When This Process Ends** switch to send yourself a notification when the process finishes.
2. Access Notification tab.
3. Click **Add**.
4. On the Create Notification page, enter the email address of the person you want to receive notifications.

By default, the recipient will receive a notification when the process ends with the following conditions:

- On success
- On error
- On warning

You can remove any of these process notification conditions.

5. Click **OK** to save the notification recipient.
6. (Optional) To delete a notification recipient, select the recipient in the Notification tab and click **Delete**.

## Submitting the Process

Once you've entered your process parameters, scheduling information, and notification recipients, you're ready to submit the process. Enter any additional information in the **Submission Notes** field and click **Submit**. Click **Process Monitor** to check the status of your process.



# 7 Recording and Billing Time

## Security Details for Recording and Billing Time

This topic describes important security roles, requirements, or considerations specific to recording and billing time.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Assess fees Time Recording on Permits for All	Assess time recording on permits assigned to all.	PSC Inspections Supervisor PSC Chief Building Officer PSC Planning Coordinator PSC Permits Supervisor PSC System Administrator
PSC Assess fees Time Recording on Permits for self	Assess time recording on permits assigned to themselves.	PSC Permit Technician
PSC Permit Time Recording Inquiry	View time recording on permits.	PSC Agency Staff - All Agency users
PSC Permit Time Recording Management All	Manage time recording on permits assigned to all.	PSC Inspections Supervisor PSC Chief Building Officer PSC Principal Planner PSC Planning Coordinator PSC Permits Supervisor PSC System Administrator
PSC Permit Time Recording Management Self	Manage time recording on permits assigned to themselves.	PSC Building Inspector PSC Plan Reviewer PSC Permit Technician

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Planning Time Recording Inquiry	View time recording on planning applications.	PSC Agency Staff - All agency users
PSC Planning Time Recording Management All	Manage time recording on planning applications assigned to all.	PSC Zoning Administrator PSC Principal Planner

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Planning Assistant PSC Associate Planner PSC Plan Reviewer

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Adding Time Entries

Agency staff can record the time that they spend working on transactions for the purposes of billing and reporting.

**Tip:** You can access time entry on a mobile device as well as on a laptop or desktop computer. The layout and some functionality changes based on the device you are using.

## Accessing Time Entry

You add time entries directly on the respective pages for the transaction you are working on. For example, you can enter the time you spend working on a permit inspection using the Time Recording page of the inspection details.

This is an example of the Time Recording page for an inspection

Name	Category	Subcategory	Date	Hours	Minutes
Gautam Mahadeo	TRAVEL	TRAVEL_Flight	6/25/20	4	15
Gautam Mahadeo	MEETING	PlanReview_Meeting	6/25/20	2	46
Joe Green	TRAVEL	TRAVEL_Flight	6/25/20	4	45

Additionally, you can quickly access transactions using the **Time Recording** tile on the Agency Springboard. This page displays transactions that you are assigned to or that you have already recorded time against.

This is an example of the Time Recording page accessed from the Agency Springboard

Transaction	Source	Property	Transaction Status	Last Date Time Recorded	Total Hours	Total Minutes
CK-2020-00044 CKPERMITTYPE01	CKFNC-2020-00002 Inspection	10276, Brooks St, SAN FRANCISCO, California, 94105	Inspection			
CK-2020-00062 CKPERMITTYPE01	CKELE-2020-00010 Inspection	10276, Brooks St, SAN FRANCISCO, California, 94105	Inspection			
CK-2020-00045 CKPERMITTYPE01	CKELE-2020-00001 Inspection	10276, Brooks St, SAN FRANCISCO, California, 94105	Inspection	8/6/20	1	30

By default, this page displays transactions that aren't in a terminal status (Completed, Denied, Certificate of Occupancy, Void, or Withdrawn). For example, it won't display expired permit inspections or completed plan review cycles. Turn on the **Show All Statuses** switch to show all transactions assigned to you regardless of status.

Click a row to access the transaction page where you can enter your time.

## Adding a Time Entry

1. Access the transaction that you want to add time for.
2. Click **Add Time**.

This is an example of the Time Details page

3. On the Time Details page, enter values for the following fields:

Page Element	Description
<b>Name</b>	Staff who have the ability to enter time for others, such as billing supervisors, can select any agency staff member in this field. All other agency staff automatically have their name populated in this field and can't change it.
<b>Date</b>	Select the date that you're entering time for. The current date is the default value.
<b>Time Type Code</b>	Enter the time entry type code that you want to use. The page displays the category and subcategory associated with the code that you select. The time entry type code also determines the default values of the <b>Billable</b> and <b>Assess Now</b> switches on this page and whether those default values can be changed.  For more information on time entry types, see <a href="#">Setting Up Time Entry Types</a> .
<b>Hours and Minutes</b>	Enter the amount of time you spent on the transaction in hours and minutes. You can select 0 to 23 in the <b>Hours</b> field and 0 to 59 in the <b>Minutes</b> field.

Page Element	Description
<b>Billable</b>	Use this switch to indicate whether the time is billable. Whether this switch is turned on by default or can be overridden is determined by the time entry type that you select.
<b>Assess Now</b>	Use this switch to indicate whether the fees associated with this time entry are assessed immediately when you save it.  <b>Note:</b> This switch appears only for staff who have the ability to enter time for others. It is disabled when the Billable switch is turned off.
<b>Comments</b>	Enter any additional information you want to record for the time entry.

4. Click **Save**.

## Modifying a Time Entry

**Note:** Agency staff with permission to assess fees can modify or delete a time entry until the fees associated with it have been paid. They can add or update comments for a time entry until its associated transaction reaches terminal status such as *Completed* or *Denied*. Staff without permission to assess fees can no longer modify or delete a time entry once fees have been assessed for it.

1. Click a time entry row.
2. On the Time Details page you can:
  - o Edit the time entry fields.
  - o Delete the time entry. You will be prompted to confirm the permanent deletion.
3. Click **Save**.

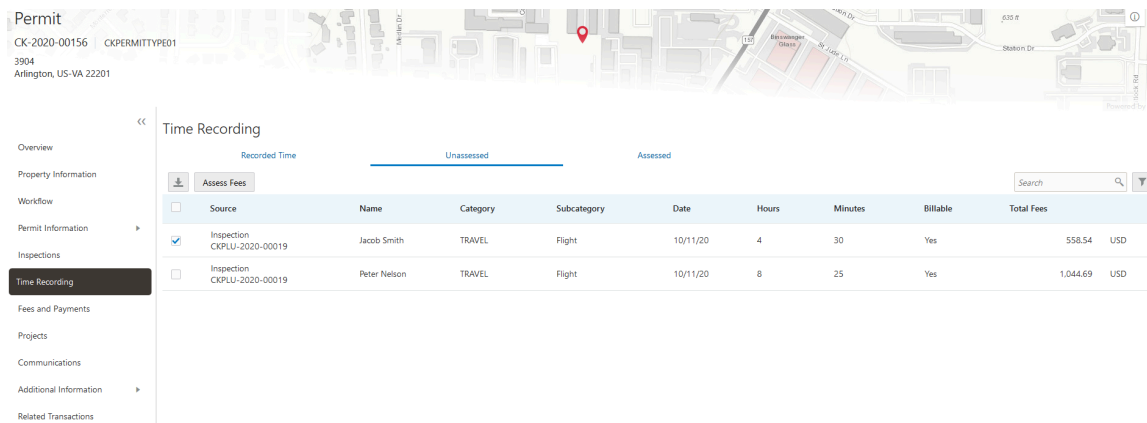
## Assessing Fees for Time Entries

Agencies can bill for time spent by their staff working on transactions.

Fees are automatically calculated when time is recorded. Time entries with the **Assess Now** switch turned on are immediately assessed when they're saved and appear in the Fees and Payments page for the transaction. If the switch is turned off, an agency staff member must assess the fee explicitly.

You assess fees on the Time Recording page for a transaction.

This is an example of the Time Recording page for a permit



This page has three tabs:

- The Recorded Time tab displays all recorded time entries for the transaction.
- **Note:** You can add time entries on this tab for planning applications.
- The Unassessed tab displays all time entries for which fees have not yet been assessed.
- The Assessed tab displays time entries for which fees have already been assessed.

## Security Details for Assessing Fees for Time Entries

This section describes important security roles, requirements, or considerations specific to assessing fees for time entries.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Assess fees Time Recording on Planning applications for All	Assess time recording on planning applications assigned to all.	PSC Zoning Administrator PSC Principal Planner
PSC Assess fees Time Recording on Planning applications for self	Assess time recording on planning applications assigned to themselves.	PSC Planning Assistant PSC Associate Planner

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Assessing Fees for Time Entries

1. Access the Unassessed tab of the Time Recording page.
2. Select the check box next to each time entry you want to assess.
3. Click **Assess Fees**.

The application moves the selected time entries from the Unassessed tab to the Assessed tab, and creates a fee for each fee item associated with each assessed time entry on the Fees and Payments page.

For more information on the Fees and Payments page, see [Working with Fees and Payments](#)

**Note:** Even after a fee is assessed for a time entry, agency staff with permission to assess fees can modify it until one or more of the fees associated with the time entry has been paid.

## Accessing Unassessed Time Fees from the Agency Springboard

You can quickly access transactions with unassessed fees using the **Unassessed Time Fees** tile on the Agency Springboard.

This example shows the Unassessed Time Fees page

Unassessed Time Fees

Show All Statuses

Transaction	Property	Status	Fees
CK-2020-00068 CKPERMITTYPE01	10276 Brooks St SAN FRANCISCO, California 94105	Inspection	3250.36 USD
CK-2020-00045 CKPERMITTYPE01	10276 Brooks St SAN FRANCISCO, California 94105	Inspection	371.00 USD
CK-2020-00138 CKPERMITTYPE01	10276 Brooks St SAN FRANCISCO, California 94105	Inspection	1077.34 USD
CK-2020-00136 CKPERMITTYPE01	10276 Brooks St SAN FRANCISCO, California 94105	Inspection	3212.34 USD

By default, this page displays transactions with unassessed fees that aren't in terminal status (Completed, Denied, Certificate of Occupancy, Void, or Withdrawn). For example, it won't display permits with expired inspections or completed plan review cycles. Turn on the **Show All Statuses** switch to show all transactions with unassessed fees.

**Note:** Time entries with calculated fees of zero do not appear on this page.

Click a row to access the Unassessed tab of the Time Recording page.

# 8 Managing Plan Reviews

## Security Details for Managing Plan Reviews

This topic describes important security roles, requirements, or considerations specific to managing plan reviews in permits and planning applications.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Registered Public User	View plan reviews on applications on which the current user is the applicant.	PSC Registered Public User
PSC Agency Permits Inquiry	View all plan reviews and comments.	PSC Agency Staff - All agency users
PSC Agency Planning and Zoning Inquiry	View all plan reviews and comments.	PSC Agency Staff - All agency users
PSC Add Comments to Plan Reviews Assigned to Self	Add comments to plan reviews assigned to self.	PSC Plan Reviewer
PSC Add Comments to Plan Reviews Assigned to Others and Self	Add comments to all plan reviews.	PSC System Administrator PSC Planning Coordinator PSC Permits Management with Elevated Access
PSC Update Plan Review Comments Added by Self	Update plan review comments added by self.	PSC System Administrator PSC Plan Reviewer PSC Planning Coordinator PSC Manage Plan Review Cycles in Planning Applications All PSC Manage Plan Review Cycles in Planning Applications Self
PSC Update Plan Review Comments Added by Others and Self	Update plan review comments added by others and self.	PSC System Administrator PSC Planning and Zoning Application Administrator
PSC Delete Plan Review Comments Added by Self	Delete plan review comments added by self.	PSC System Administrator PSC Plan Reviewer PSC Planning Coordinator PSC Manage Plan Review Cycles in Planning Applications All

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Manage Plan Review Cycles in Planning Applications Self
PSC Delete Plan Review Comments Added by Others and Self	Delete plan review comments added by others and self.	PSC System Administrator PSC Planning and Zoning Application Administrator
PSC Add Documents to Plan Review Cycles	Add documents to plan review cycles for review by plan reviewers.	PSC System Administrator PSC Planning Coordinator
PSC Remove Documents from Plan Review Cycles	Remove documents from a plan review cycle.	PSC System Administrator PSC Planning Coordinator
PSC Add Reviewer to Permit Plan Review	Add reviewer to permit plan review.	PSC System Administrator PSC Planning Coordinator
PSC Remove Reviewer from Permit Plan Review	Remove reviewer from permit plan review.	PSC System Administrator PSC Planning Coordinator
PSC Update Plan Review Decision Status Assigned to Self	Update plan review decision status assigned to self.	PSC Plan Reviewer
PSC Update Plan Review Decision Status Assigned to Others and Self	Update plan review decision status assigned to others and self.	PSC System Administrator
PSC Manage Plan Review Cycles in Planning Applications Self	Manage plan review cycles in planning applications assigned to self.	PSC Associate Planner
PSC Override Status of Permit Plan Reviews	Override status of permit plan reviews.	PSC System Administrator PSC Planning Coordinator
PSC Cancel Cycle of Permit Plan Review	Cancel cycle of permit plan review.	PSC System Administrator PSC Planning Coordinator
PSC Add Session Cycle for Plan Review Cycles	Add a Bluebeam Studio™ Session for a plan review cycle for electronic document review.	PSC System Administrator PSC Planning Coordinator
PSC Update Session to Finalized for Plan Review Cycles	Update a Bluebeam Studio™ Session to finalized for a plan review cycle to close the cycle for document review.	PSC System Administrator PSC Planning Coordinator



For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges, and so on, see the [Security Reference for Oracle Permitting and Licensing](#) guide.

## Plan Review Overview

Some applications require a plan review to evaluate the proposed project. The documentation is reviewed by all pertinent city departments to ensure compliance with applicable codes and regulations before permits are issued or for planning and zoning.

Plan reviews are tracked in Oracle Permitting and Licensing as part of permit and planning application workflow. Agency setup determines whether a plan review is required for a permit or planning application type. For more information, see [Setting Up Permit Types](#) and [Setting Up Planning Application Types](#).

Any review cycle for a permit or planning application can be conducted with or without an integration with Bluebeam Studio™, an electronic document review tool.

**Note:** To set up a Bluebeam Studio™ integration, contact Oracle Support. You must also enable electronic plan reviews in the agency-level options for permits and planning applications.

This is what the steps for a plan review look like:

1. A registered public user submits a permit or planning application that requires review by agency staff.
2. A permit technician or assigned planner assigns a status to the transaction that requires a plan review. This triggers the automatic creation of the first plan review cycle. For more information, see [Using Workflow](#).
3. If configured by the agency, the system automatically assigns departments and reviewers to the first cycle of the plan review. The plan coordinator can also manually assign reviewers to a plan review cycle in the permit or planning application details, or on the Plan Review Console. See [Managing Plan Reviewers](#) and [Using the Plan Review Console](#).
4. The plan coordinator attaches documents, if any, to the plan review cycle from the application attachments. See [Managing Plan Review Documents](#).
5. When an integration with Bluebeam Studio™ exists, the plan coordinator can initiate an electronic Studio Session for the plan review cycle at any time until the review cycle is complete or continue with a manual review cycle. See [Working with Electronic Plan Reviews](#).
6. The assigned plan reviewers complete their review. See [Performing Plan Reviews](#).
7. The plan coordinator adds new plan review cycles and repeats the review process as necessary until the review is complete. See [Managing Plan Review Cycles](#).

Plan reviews can be created and updated in application statuses in addition to *Plan Review* as long as the permit or planning application isn't in a pre-submittal or terminal status.

Permit statuses:

- Yes, you can create or update plan reviews for permits in these permit statuses: *About to Expire, Accepted, Delinquent, Expired, In Process, Inspection, Permit Issued, Plan Review, and Submitted*.
- No, you can't create or update plan reviews for permits in these permit statuses: *Certificate of Occupancy, Completed, Denied, Payment Pending, Pending, Pending Submittal, Void, or Withdrawn*.

Planning application statuses:

- Yes, you can create or update planning application plan reviews in these planning application statuses: *About to Expire, Application Accepted, Delinquent, Expired, Hearing, In Process, Plan Review, and Submitted.*
- No, you can't create or update planning application plan reviews in these planning application statuses: *Completed, Denied, Payment Pending, Pending, Pending Submittal, Void, or Withdrawn.*

## Plan Review Workflow

The plan review workflow for the plan coordinator appears on the Task Management page.

As a plan coordinator, you sort tasks by *Workflow*. For more information about workflow, see [Using Workflow](#).

When the last reviewer provides a decision status for a plan review cycle, it is automatically closed. Upon closing, the overall review status changes to *Complete*. If a review cycle uses a Bluebeam Studio™ Session, the plan coordinator finalizes the cycle.

The system also updates the plan review cycle details with the most severe decision status from the individual plan reviewers. The decision statuses are listed here, from most to least severe: *Rejected, Revision Required, Approved with Comments, Approved, and Not Required.*

Workflow is automatically moved forward to the next step when all of the following criteria are met:

- The current plan review cycle status is *Complete*.
- The plan review decision is *Approved, Approved with Comments, or Not Required*.
- The review cycle has been finalized, if a Bluebeam Studio™ Session was used.

If plans have one or more rejections, or revisions are required, the plan coordinator may require the applicant to correct the plans and resubmit them for another review cycle.

The workflow process definition must identify the plan review task and the action to take when auto-advancing. For more information, see [Using Custom Properties](#).

## Managing Plan Review Cycles

The plan coordinator manages the plan review cycle, which is a series of plan reviews for a permit or planning application completed by multiple reviewers.

You manage review cycles on the Plan Reviews page in the permit or planning application details. This topic discusses these review cycle tasks:

- Add plan review cycles.
- Add plan review due dates.
- Cancel plan review cycles.
- View the different plan review cycles.
- Record time for plan reviews.
- Access conditions of approvals for planning applications.

Your agency can conduct reviews that contain both manual cycles and electronic cycles using Bluebeam Studio™. For information about starting a Bluebeam Studio™ Session during a review cycle, see [Working with Electronic Plan Reviews](#).

To access the Plan Reviews page for a transaction:

1. Select the **Plan Reviews** tile on the Agency Springboard.
2. Select a plan review row on the **All Reviews**, **Open Reviews**, or **Unassigned Reviews** tabs.
3. In the navigation panel of the permit or planning application details, select **Permit Information > Plan Reviews** or **Planning Application > Plan Reviews**.

**Tip:** You can access this page on a mobile device as well as on a laptop or desktop computer. On a mobile device, this page enables you to view plan review status and comments. It does not enable you to add or edit plan review information.

## Adding Plan Review Cycles

The first cycle of a plan review is automatically created when a permit technician or assigned planner moves the transaction into *Plan Review* status. If you manually create a plan review cycle before the *Plan Review* status, the system won't automatically create the cycle. You add subsequent cycles until the plan review is complete.

Review cycles can be added and updated in application statuses in addition to *Plan Review* as long as the permit or planning application isn't in a pre-submittal or terminal status. For more information, see [Plan Review Overview](#).

1. On the Plan Reviews page, click the **Add Review Cycle** button to add a new plan review cycle.  
This button is available only when all other plan review cycles for the transaction are complete or canceled.
2. On the Add Plan Review page, edit or enter the review cycle name.  
If **Enable Default of Plan Review Name** is turned on for the agency, the default review cycle name is the name of the previous cycle. Otherwise, there is no default name. You can update the cycle name at any time on the Plan Review page.
3. Select **Copy reviewers from most recent cycle** if you want to copy the reviewers from the previous cycle, whether the previous cycle was manual or electronic.
4. If your agency integrates with Bluebeam Studio™, you have two additional options:
  - o Click **Copy Documents** to copy documents from the previous cycle if the cycle was electronic.
  - o Click **Create Studio Session** to start a Bluebeam Studio™ Session, which makes the new cycle electronic.  
You can also start a Studio Session later, while the review cycle is in progress. For more information about working with an electronic plan review cycle, see [Working with Electronic Plan Reviews](#).
5. Click the **Add** button.

The cycle must be canceled or completed before you can add another new plan review cycle. That is, you can have only one active plan review cycle at a time. The number of review cycles is shown in the Plan Reviews page header details, and you can switch between multiple cycles to view reviewer and decision details.

## Adding Plan Review Due Dates

If you want to add a due date for a plan review cycle, click **Edit** next to the **Due Date** field and select a due date. If **Enable Cascading Cycle Due Date** is turned on for the agency, the due date you enter here is automatically entered for any reviewer due dates that are blank. Additionally, you can click the **Copy Plan Review Cycle Due Date to Plan Reviewers** button next to the **Due Date** field to overwrite all plan reviewer dates with the due date for the plan review cycle.

You can set up the system to send communications when cycle or reviewer due dates are approaching. For more information, see [Setting Up Notifications for Plan Review Due Dates](#).

For more information on agency-level plan review options, see [Setting Up Agency-Level Options for Permits](#) and [Setting Up Agency-Level Options for Planning Applications](#).

## Canceling Plan Review Cycles

Click the **Cancel Review Cycle** button to cancel a manual or electronic plan review cycle that is active. This button is available when a manual plan review cycle has a status of *In Progress* or until an electronic plan review has been finalized.

Your agency may require comments for review cycle cancellations.

Canceling a cycle sets the review cycle status to *Canceled*. After canceling, the cycle and review details are read-only. All active tasks associated with the plan review are canceled when the plan review cycle is canceled.

**Note:** An active plan review cycle is canceled when the transaction that it is associated with is withdrawn.

## Viewing the Different Plan Review Cycles

You can switch between plan review cycles to view details for each cycle, including the **Reviewers** and **Documents** grids.

1. Click the **Switch Cycle** link in the plan review header details.

This link is available only when there are two or more plan review cycles.

2. On the Switch Cycle page, click the **Select** button for the cycle you would like to view.

The refreshed page shows the cycle header details and reviewers for the selected cycle.

## Recording Time for Plan Reviews

Agency staff can use the **Record Time** section to record the time they spend on their plan reviews. For more information, see [Adding Time Entries](#).

## Accessing Conditions of Approval for Planning Applications

Click the **Conditions of Approval** link on the Plan Reviews page to access the Conditions of Approval page for the planning application. This link is available only for planning applications. For more information on conditions of approval, see [Working with Conditions of Approval](#).

## Using the Plan Review Console









Accessible from the Plan Reviews tile on the agency springboard, the Plan Review Console provides centralized views for managing your agency's plan reviews. You can assign and reassign plan reviews, and navigate to the permit or planning application's plan review details by clicking a plan review row on any page in the console.

The console displays only the plan review cycles associated with the permit types, planning application types, and plan reviewer departments specified in the job attributes for the plan coordinator's job function. The application types and departments don't affect assignment, only viewing reviews on the console. For more information on defining these job attributes, see [Setting Up Agency Staff](#).

The Plan Review Console comprises these pages:

- Plan Reviews - All Reviews page
- Plan Reviews - Open Reviews page
- Plan Reviews - Unassigned Reviews page
- Plan Reviews - Pending Reviews page
- Plan Reviews - Reviewer Workload page

In addition to summary plan review information on each page, icons are used to provide additional details about the transaction or plan review and available actions as shown here:

Page Element	Description
	Indicates the column that shows condition icons when a grid is displayed in the expanded format.  For more information about conditions placed on permits or planning applications, see <a href="#">Applying Conditions to Applications</a> .
 Lock   Hold   Notice	Appears in the transaction row to indicate that one or more conditions have been applied to the transaction. The icon for the most severe condition is displayed. Click the icon to view condition information. See also <a href="#">Setting Up Conditions</a> .
	Indicates an electronic plan review cycle with a Bluebeam Studio™ Session.
	Indicates that fees are due for the transaction. Click the <b>Fees Due</b> icon to view more details.
	Indicates that an applicant has uploaded a PDF document to a permit or planning application that's in a plan review status.  Click to open the Uploaded Documents page, where uploaded documents can be previewed.
	Click the <b>Actions</b> menu button for a permit or planning application to see the actions menu, where you can select an available action: <ul style="list-style-type: none"> <li>• <b>Add Cycle Comments</b> - Add a cycle-level comment to the current plan review cycle for a permit or planning application that's in progress. Only available on the All Reviews page.</li> <li>• <b>View Plan Comments</b> - Review a list of consolidated plan comments for the permit or planning application.</li> <li>• <b>View Cycle History</b> - Review cycle and reviewer statuses and decisions across all cycles as well as reviewer due dates and the length of time a cycle was open.</li> </ul>

**Note:** For information about expanded and condensed grid formats and common grid controls, see *Using Grids* and *Personalizing Grid Displays*.

## All Reviews

The All Reviews page displays in-progress plan review cycles by assigned department and reviewer. When the **Show All Cycles** switch is turned on, you'll also see the closed review cycles for the permit and planning applications in the list.

This example illustrates the Plan Reviews - All Reviews page in the Plan Review Console. The grid is shown in the expanded format, where each column displays only one field.

Plan Reviews

All Reviews    Open Reviews    Unassigned Reviews    Pending Reviews    Reviewer Workload

All Date Types    Last 14 Days    Show All Application Statuses    Show All Cycles    Search

Application	Application Type	Application Status	Property	Reviewer	Reviewer Due	Reviewer Decision	Decision Date	Cycle	Cycle Created	City	Actions
79	TSQAPEESCHEDULE01	Plan Review		Jonathan Powers	1/14/22			1	1/10/22		
85	TSQAPEESCHEDULE01	Plan Review		Jonathan Powers	1/14/22			1	1/10/22		
CK-2022-00518	CKPERMITTYPE01	Expired	3904 Cabell Avenue RIA	Jonathan Powers				1	1/11/22	Arlington	
CK-2022-00588	CKPERMITTYPE11	Plan Review	3904 Cabell Avenue RIA	Jonathan Powers				1	1/12/22	Arlington	
CK-2022-00588	CKPERMITTYPE11	Plan Review	3904 Cabell Avenue RIA	NEO LOB				1	1/12/22	Arlington	
ZPER-FEN-2021-00018	PTYPEAPO5	Plan Review	OTIS DR	Jonathan Powers	1/20/22			1	12/16/21	ALAMEDA	

Each plan review listed includes transaction, property, reviewer, and cycle information. You can turn on the **Show All Application Statuses** switch to view the plan reviews for applications that are in a final status—including *Completed*, *Certificate of Occupancy*, *Void*, *Withdrawn*, or *Denied*—in addition to the other statuses.

You can use a variety of date filters to view the plan reviews.

Select a value in the **Date Type Filter** list:

- *Cycle Due* - The date when the plan review cycle is scheduled to be completed.
- *Cycle Created* - The date when the plan review cycle was created.
- *Reviewer Due* - The date by which the plan reviewer must provide a decision.
- *Reviewer Decision* - The date when the plan reviewer provided a decision.
- *Cycle Decision* - The date when the cycle decision was provided.
- *All Dates* - All date types.

Then select a value in the **Time Frame** list:

- *Today*
- *Yesterday*
- *Tomorrow*
- *Last 14 Days* or *Next 14 Days*
- *Last 30 Days* or *Next 30 Days*
- *Date Range* - Enter start and end dates in the provided fields when you select this option.

Click a cycle row to open the application's Plan Reviews page.

## Open Reviews

Plan coordinators can see a list of plan reviews that don't have a cycle decision yet on the Open Reviews page.

This example illustrates the Plan Reviews - Open Reviews page in the Plan Review Console. The grid is shown in the expanded format, where each column displays only one field.

Plan Reviews

All Reviews Open Reviews Unassigned Reviews Pending Reviews Reviewer Workload

Search

	Cycle	Cycle Due	Application	Application Type	Application Status	Submitted	Property	City	Description	Actions
▶	1	4/21/22	ELEC-2022-00028	Electrical	Plan Review	4/7/22	Walnut Street	ALAMEDA	Electrical for an added kitchen island.	⋮
▶	1		ELEC-2022-00023	Electrical	Submitted	3/15/22			Install 60A dedicated circuit for tesla charger w/charger install. Carbon monoxide & Smoke...	⋮
▶	1		ELEC-2022-00024	Electrical	Inspection	3/28/22	Clement Avenue	ALAMEDA	Submitting application for electrical plan	⋮
▶	1		RESADD-2022-00028	Residential Addition	Inspection	3/31/22	Walnut Street	ALAMEDA	Need to expand the living room of our home by 1250 Sq.ft	⋮

The row for each plan review cycle displays cycle, application, and property information. Each cycle row expands to show the departments and reviewers assigned to the cycle, reviewer assigned and due dates, reviewer decision, and decision date. You can select the reviewer row to add or change the assigned reviewer. In the reviewer details, the reviewer drop-down list displays the available reviewers and a count of plan reviews assigned to each of them. The reviewer due date can also be updated.

Click a cycle row to open the application's Plan Reviews page.

## Unassigned Reviews

The Unassigned Reviews page enables plan coordinators to view:

- Plan review cycles with one or more departments that have no reviewer assigned.
- Required departments that aren't in the cycle.

This example illustrates the Plan Reviews - Unassigned Reviews page in the Plan Review Console. The grid is shown in the expanded format, where each column displays only one field.


Plan Reviews

All Reviews Open Reviews Unassigned Reviews Pending Reviews Reviewer Workload

Search

Application	Plan Review Name	Cycle	Cycle Due	Department	Application Type	Description	Property	City	Actions
ZPER-FEN-2021-00215	PSCPRev3	1		RevFire	PSCPRev3	Permits Application Created using Axiom Framework on Wed Dec 29 2021 21:59:40 GMT...			⋮
ZPER-FEN-2022-00123	PSCPRev3	1		RevFire	PSCPRev3	Permits Application Created using Axiom Framework on Thu Jan 06 2022 14:33:32 GMT...			⋮
ZPER-FEN-2022-00852	PSCPRev3	1		RevFire	PSCPRev3	Permits Application Created using Axiom Framework on Sat Jan 08 2022 02:42:37 GMT-0...			⋮
ZPER-FEN-2022-01049	PSCPRev3	1		RevFire	PSCPRev3	Permits Application Created using Axiom Framework on Wed Jan 12 2022 07:41:20 GMT...			⋮

Each row displays the transaction ID, cycle name and number, cycle due date, unassigned department, application type, and property.

Click the **Assign** icon for a plan review to open the Add Reviewers page: .

The tabs on the Add Reviewers page list plan reviewers that are associated with the property's plan review district, if there's a district associated with the parcel, and all reviewers. You can filter reviewers by department and assign reviewers to the cycle. You can also view the reviewer workload in a calendar view, featuring a bar chart of daily assignments by reviewer and department, and indicators with total and overdue counts.

For more information about assigning reviewers, see [Managing Plan Reviewers](#).

## Pending Reviews

The Pending Reviews page helps agency staff manage plan reviews with revised documents or waiting for revised documents. Permits and planning applications appear in the pending reviews list when:

- The application is in a plan review status and the applicant has uploaded a PDF document.

Applications in a plan review status again after the plan was approved, approved with comments, or not required also appear in the list.

- The last plan review cycle was completed with a decision of *Rejected* or *Revision Required*.

This example illustrates the Plan Reviews - Pending Reviews page in the Plan Review Console. The grid is shown in the expanded format, where each column displays only one field.

Plan Reviews

All Reviews Open Reviews Unassigned Reviews Pending Reviews Reviewer Workload

Decision	Decision Date	Review Name	Cycle	Application	Application Type	Application Status	Submitted	Property	City	Description	Actions
Rejected	4/11/22	Mechanical	1	MECH-2022-00008	Mechanical	Plan Review	4/10/22	Walnut Street	ALAMEDA	Mechanical	

When an applicant adds a PDF document to the permit or planning application, an Uploaded Documents icon appears on the permit or planning application row in the pending reviews list as shown in this example. Click the icon to open the Uploaded Documents page where you can preview the file and mark the document as seen.

Click the application row to open the application's Plan Reviews page, where you can create a new cycle and add revised documents to the cycle. For more about working with revised documents, see [Managing Plan Review Documents](#).

## Reviewer Workload

The Reviewer Workload page displays a list of reviewers based on the plan coordinator's assigned plan reviewer departments and application types in the agency staff job attributes. Two views, the grid view and the calendar view, provide reviewer workload information to help manage reviewer assignments. The grid view provides counts of assigned and overdue plan reviews for each reviewer as well as application and plan review details. The calendar view displays a bar chart of daily assignments by reviewer and department, and indicators with total and overdue counts.

This example illustrates the grid view of the Plan Reviews - Reviewer Workload page in the Plan Review Console.

Plan Reviews

All Reviews Open Reviews Unassigned Reviews Pending Reviews Reviewer Workload

Reviewer	Review Count	Overdue						
Betsy King	2							
Gerald Eckhart	1							
	Application	Property	Description	Department	Cycle	Overdue	Due Date	
	ELEC-2022-00023		Install 60A dedicated circuit for tesla charger w/charger install. Carbon monoxide & Smoke alarms required.	Building	1			
	Lynn Hill	1						
	Tom Gray	2	1					
	Application	Property	Description	Department	Cycle	Overdue	Due Date	
	ELEC-2022-00024	1827 Clement Avenue ALAMEDA	Submitting application for electrical plan	Fire Protection	1	1	4/2/22	
	ELEC-2022-00028	1217 Walnut Street ALAMEDA	Electrical for an added kitchen island.	Fire Protection	1		4/21/22	

Here are descriptions of the columns displayed on the Reviewer Workload page:

- **Reviewer:** Displays the reviewer name. Click the reviewer name to expand a section that displays application and plan review information. Click a row to open the application's Plan Reviews page.

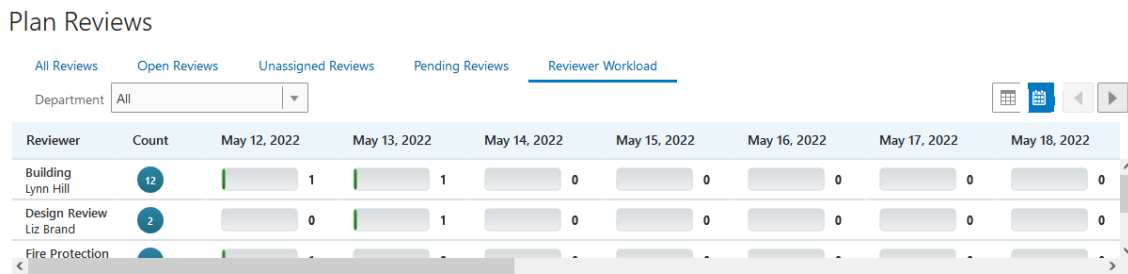
When you expand the reviewer information, you can click the **Assign** icon for a plan review to display the Reviewer Details modal page. The list of available reviewers that can be assigned includes the total number of plan reviews assigned to each reviewer. Select a reviewer and a review due date.

- **Review Count:** Displays the number of reviews assigned to a reviewer.



- **Overdue:** Displays the number of reviews that are overdue.

This example illustrates the calendar view of the Plan Reviews - Reviewer Workload page in the Plan Review Console.



The **Count** badge displays the total count for each reviewer-department combination and you can hover over the badge to see the overdue count. The daily count is shown in the graph.

For more information about assigning and reassigning plan reviews to manage reviewer workload, see [Managing Plan Reviewers](#).

## Working with Electronic Plan Reviews

Your agency can conduct plan reviews that contain electronic plan review cycles.

Review cycles for a permit or planning application can be conducted with or without an integration with Bluebeam Studio™, an electronic document review tool. When you start a Studio Session, the plan review cycle is considered electronic. The next cycle can be manual or electronic.

**Note:** To set up a Bluebeam Studio™ integration, contact Oracle Support. You must also enable electronic plan reviews in the agency-level options for permits and planning applications. For the integration to work, add the email addresses for reviewers found in their agency staff profiles to the Bluebeam Studio™ Prime portal. You can't add protected documents to a plan review cycle when the agency has enabled electronic plan reviews. A protected PDF document has any setting that is controlled by a password or is otherwise secured.

You can start a Studio Session when you add a new plan review cycle or at any time during a review cycle until the cycle is complete.

1. Click **Create Studio Session** on the Add Plan Review page while adding a new plan review cycle or click **Create Studio Session** on the Plan Review page for the review cycle you're working with.

Documents and reviewers already in the cycle are automatically added to the session. You can also add or delete documents and add reviewers during the Studio Session, but you can't delete reviewers. For more information, see [Managing Plan Review Documents](#) and [Managing Plan Reviewers](#).

2. Mark up documents in Bluebeam Studio™. When a document is copied back to the review cycle, the state in the Documents grid is *Marked Up*.

3. When all reviewers have provided a decision, the **Finalize Session** button is enabled. Click **Finalize Session** to complete an electronic cycle.

During the finalization process, the marked up documents are copied back from Bluebeam Studio™. Documents marked up by reviewers are saved in the plan review documents grid and in the permit attachments. The documents can be copied into the next plan review cycle.

## Managing Plan Reviewers

After creating a plan review cycle, you can manually add plan reviewers on the Plan Reviews page for a permit or planning application. Depending on agency configuration, the system can automatically assign reviewers for the first review cycle.

For information about manually assigning reviewers in the Plan Review Console, see *Using the Plan Review Console*.

For information about overriding a plan reviewer decision, see *Performing Plan Reviews*.

### Using Automatic Assignment

If **Enable Auto Assignment** is selected in the transaction type settings, a reviewer row is automatically added to the plan review cycle for each required plan reviewer department selected for the transaction type. For more information about plan review settings for automatic assignment and required plan reviewer departments, see *Setting Up Permit Types* and *Setting Up Planning Application Types*.

Additionally, the department lead for each department is automatically assigned as the reviewer. For information about defining a department lead, see *Setting Up Plan Reviewer Departments*.

### Manually Adding Reviewers to Plan Reviews

When your agency requires plan review departments for the transaction type associated with the transaction, those departments are displayed above the **Reviewers** grid. When you add a reviewer from a required department to the plan review cycle, that department no longer appears.

You can start a Bluebeam Studio™ Session at any time and the reviewers in the **Reviewers** grid will be automatically added to the Studio Session. If you add more reviewers while the Studio Session is in progress, they'll be added to the Studio Session, too. For the integration to work, you must add the email addresses for reviewers found in their agency staff profiles to the Bluebeam Studio™ Prime portal before adding the reviewers to the review.

Reviewers are available to add only when they have a transaction type job attribute that matches the transaction type of the transaction. For more information on assigning job attributes, see [Managing Agency Staff Profiles](#).

1. On the Plan Reviews page in the transaction details, click the **Add Reviewers** button.

In addition to the Add Reviewers page that you access from the application's Plan Reviews page, you can add reviewers on three pages in the Plan Review Console: Open Reviews, Unassigned Reviews, and Reviewer Workload. See [Using the Plan Review Console](#).

The Add Reviewers modal page displays available district reviewers and all available reviewers by department on separate tabs.

- o **District Reviewers**

If the parcel or address for the transaction is associated with a plan review district, the reviewers that have the matching plan review district job attribute are available on the District Reviewers tab. The tab is only available if a plan review district is assigned to the transaction.

For more information on plan review districts, see [Setting Up District Types](#), [Setting Up Districts](#), [Assigning Districts to Parcels](#), and [Assigning Districts to Addresses](#).

- o **All Reviewers**

Select the All Reviewers tab to view all reviewers regardless of which plan review district is assigned to them. Reviewers not assigned to a district are also displayed.

The **Department** and **District** columns display the department and district assigned to each reviewer. The **Count** column displays the number of plan reviews currently assigned to each reviewer. This enables a plan coordinator to consider a reviewer's workload when deciding whether to add them to a plan review.

- o **Reviewer Workload**

Use the Reviewer Workload tab to select reviewers and assigned departments and view the daily number of assigned reviews in a calendar. A badge next to each name displays the total number of reviews assigned to the reviewer. The bars indicate the number of reviews that are due each day.

You can filter the available reviewers by department. For more information on plan reviewer departments, see [Setting Up Plan Reviewer Departments](#).

2. Select the check box next to each reviewer that you want to add.

The reviewers selected to be assigned appear on the Selections tab, which displays the number of selected reviewers in the tab title.

3. Click **Save**.

When the Reviewers grid refreshes, you'll see the added reviewers with an *In Progress* status.

**Note:** If you're resubmitting a plan for review, you can elect to copy the original set of reviewers when you add a new plan review cycle. See [Managing Plan Review Cycles](#).

## Removing Reviewers from Plan Reviews

As a plan coordinator, you can remove or delete plan reviewers from a plan review cycle on the Plan Reviews page unless a Bluebeam Studio™ Session is in progress.

In the **Reviewers** grid, click the **Delete** button for a reviewer. You can remove reviewers when:

- The plan review cycle is active.
- The reviewer's status is *In Progress*.
- You entered an override decision for a reviewer, but the reviewer did not enter comments or a decision before the override.

You can't delete a reviewer when:

- The reviewer has added comments or entered a decision.
- A Studio Session is in progress.

However, you can change the assigned reviewer to another reviewer or manually change the decision to *Not Required* on the Plan Review Decision Details page.

**Note:** Removing the last plan reviewer who hasn't yet submitted a decision permanently closes the plan review cycle. If desired, you can add a new reviewer before removing the last reviewer, or close the cycle and open a new one.

## Changing the Reviewer Assigned to a Plan Review

An agency's plan coordinator can change the reviewer assigned to a plan review on the Plan Review Decision Details page while the review is still in progress.

1. In the **Reviewers** grid on the Plan Reviews page, click the **View More Details** button for the selected plan reviewer.
2. On the Plan Review Decision Details page, select a name from the **Reviewer** drop-down list. The list displays the available reviewers and a count of plan reviews assigned to each of them.

You can also reassign plan reviews on the Plan Review Console:

- Open Reviews page: Expand the cycle row and click the reviewer row to open the Reviewer Details modal page.
- Reviewer Workload page: Expand the reviewer row and click the **Assign** icon for a plan review to open the Reviewer Details modal page.

On the Reviewer Details page, select a name from the Reviewer drop-down list. The list displays the available reviewers and a count of plan reviews assigned to each of them.

## Plan Reviews

All Reviews		Open Reviews		Unassigned Reviews		Pending
	All Date Types	Last 14 Days				
			Application	Application Type	Application Status	Property
			79	TSQAFEESCHEDULE01	Plan Review	
			85	TSQAFEESCHEDULE01	Plan Review	
			CK-2022-00518	CKPERMITTYPE01	Expired	3904 Cab
			CK-2022-00588	CKPERMITTYPE11	Plan Review	3904 Cab
			CK-2022-00588	CKPERMITTYPE11	Plan Review	3904 Cab
			ZPER-FEN-2021-00018	PTYPEAPO5	Plan Review	OTIS DR

## Managing Plan Review Documents

Agency staff can add and remove plan review documents on the Plan Reviews page for a permit or planning application. Documents can be added and removed during both manual and electronic cycles. This topic also describes working with revised documents provided by applicants.

### Adding Documents to a Plan Review

Documents can be added during both manual and electronic cycles until the cycle is completed, even if some reviewers have provided a decision.

Documents added to a plan review cycle are automatically added to a Bluebeam Studio™ Session that is already in progress. Documents can also be deleted when a Studio Session is in progress. If a document fails to upload to Bluebeam Studio™ or if the upload status is *No*, you can use the **Retry** button to initiate the upload process again. For more information, see [Working with Electronic Plan Reviews](#).

1. On the Plan Reviews page in the transaction details, click the **Add Documents** button.
2. On the Add Documents page, select the documents that you want to attach to the plan review cycle. The list displays PDF documents on the application's Attachments page that haven't been added to the plan review yet. You can't add protected documents to a plan review cycle when the agency has enabled electronic plan reviews. When an applicant, contact with application access, or agency staff has uploaded a protected PDF document

to the application, a Protected Document (shield) icon is displayed. A protected PDF document has any setting that is controlled by a password or is otherwise secured.

**3. Click Save.**

The document appears in the **Documents** grid with the file name, description, document state, and date added to the plan review cycle. The state of the document appears as follows:

- *Initial* - Displayed when the document is added to the cycle.
- *Resubmitted* - Displayed when a document with the same name is added to the cycle. Applicants typically upload a revision to the plan review documents after a plan review cycle was rejected or required revisions. Revised documents should be uploaded with the same file name. Once they are added, they are considered *Resubmitted*.
- *Marked Up* - Displayed when a document that is marked up in Bluebeam Studio™ Session is copied back to the cycle and the Attachments page in the application details.

Only the marked up documents in the **Documents** section can be copied into the next plan review cycle.

## Working with Revised Documents

Applicants upload revised documents to the Attachments page in their permit or planning applications when requested by agency staff. An **Uploaded Documents** icon indicates that a PDF file has been uploaded to an application with a *Plan Review* status. You'll see the icon on pages in the Plan Review Console as well as on the Attachments page in the application details.

When plan coordinators are waiting for a revised document, they can use the Pending Reviews page in the Plan Review Console to check whether an uploaded document is a revision. For more information, see [Using the Plan Review Console](#).

Here's how to manage a revised plan review document:

1. When the applicant adds a PDF document to the permit or planning application, an **Uploaded Documents** icon appears on the permit or planning application row in the Plan Review Console.
2. Click the icon to open the Uploaded Documents page.
3. You can click the PDF preview icon or thumbnail image to help identify the documents.
4. You can also clear the uploaded documents indicator by clicking **Mark as Seen**, if desired.
5. Click the **Close** icon on the modal page to return to the Pending Reviews page.
6. Click the permit or planning application row to open the application's Plan Reviews page.
7. Create a new cycle and add the revised document to the cycle.

After a revised document is added to a cycle, the **Uploaded Documents** icon is automatically cleared.

## Performing Plan Reviews

Plan reviewers perform reviews of documents and enter their decisions. In some cases, the agency's plan coordinator overrides a plan reviewer's existing decision.

As a plan reviewer, you view a list of plans assigned to you on the Task Management page and provide your plan review decision and comments on the Plan Review Decision Details page.

The plan coordinator can also enter override decisions, change reviewer due dates, and reassign reviewers on the Plan Review Decision Details page. A count of assigned plan reviews appears for each available reviewer in the Reviewer drop-down list.

This example shows the Plan Review Decision Details page.

Reviewers and plan coordinators can provide decisions whether or not documents are identified for a cycle.

Once all reviewers have provided a decision for a review cycle with a Bluebeam Studio™ Session, the plan coordinator finalizes the cycle.

The system derives the overall plan review status from the individual plan reviewer decisions, inclusive of plan coordinator overrides, and updates the overall plan review with the most severe decision status. The system-defined decision statuses from most to least severe are: *Rejected*, *Revision Required*, *Approved with Comments*, *Approved*, and *Not Required*. If plans have one or more rejections, or revisions are required, the plan coordinator may require the applicant to correct the plans and resubmit them for another review cycle.

## Viewing Plan Reviews Assigned to You

As a plan reviewer, you can find the plan reviews assigned to you on the Task Management page.

1. Select **Worklist** on the Agency Springboard.
2. The My Plan Reviews tab of the Task Management page opens displaying tasks with the *Plan Review* type.

Plan reviews are displayed in ascending order by due date. Plan coordinators enter reviewer-specific due dates on the Plan Review Decision Details page, or by clicking the **Copy Plan Review Cycle Due Date to Plan Reviewers** button on the Plan Reviews page.

You can also use the filter button to filter by additional parameters, including task type, task name, task ID, transaction ID, transaction type, status, assigned to, assigned date, and scheduled date.

3. Plan review assignments appear in the task grid. Click the **View More Details** button for a transaction to open the Plan Reviews page.

**Note:** All plan reviews that are assigned to you, including both manual and electronic document reviews, appear on this page.

The plan review workflow tasks for plan coordinators also appear on the Task Management page. Plan coordinators sort tasks by *Workflow*.

For more information on the Task Management page, see *Managing Tasks*.

## Adding a Plan Review Decision

As a plan reviewer, you can add your plan review decision on the Plan Review Decision Details page. You can modify your decision until the plan review cycle is closed or canceled, but you can't modify your decision if the plan coordinator overrides your decision.

1. Select **Permits** or **Planning Applications** on the Agency Springboard.
2. Select the transaction that you want to update with your plan review decision.
3. In the navigation panel, select **Permit Information > Plan Reviews** or **Planning Application > Plan Reviews**.
4. In the **Reviewers** grid, click the **View More Details** button for your row.
5. On the Plan Review Decision Details page, select a value from the **Decision** list.

You can select from these system-defined decision statuses:

- o *Approved*
- o *Approved with Comments*
- o *Revision Required*
- o *Rejected*
- o *Not Required*

The decision status names in the **Decision** list may not match the system status names, because displayed statuses can be modified by the agency. For example, if the agency changes the displayed status of *Rejected*, you might see *Declined* or *Failed*. However, the severity of the decision remains the same. Any displayed status associated with the system status *Rejected*, for example, is always calculated as the most severe status.

6. Click **Add Comments** to enter comments for your review.

Comments are optional unless your agency elects to require comments. Your agency may require comments for decisions with a negative or qualified outcome (*Approved with Comments*, *Rejected*, or *Revision Required*) or all decisions.

You can't edit your comments once the plan review cycle or transaction is closed or canceled.

7. Click the **Save** button.

The system updates the **Decision Date** field with a timestamp.

## Overriding Plan Reviewer Decisions

An agency's plan coordinator can override a plan reviewer's existing decision but can't change decisions. When a plan coordinator overrides a decision, the decision status and timestamp appear in the **Reviewers** grid in the reviewer's row.

As a plan coordinator, you can override the individual plan reviewer's decision on the Plan Review Decision Details page.

1. Select the **Plan Reviews** tile on the Agency Springboard.
2. Click the Open Reviews tab in the Plan Review Console.



3. Select a plan review cycle.
4. In the **Reviewers** grid on the Plan Reviews page in the transaction details, click the **View More Details** button for the selected plan reviewer.
5. On the Plan Review Decision Details page, select a value from the **Override Decision** list.

You can select from these decisions:

- o *Approved*
- o *Approved with Comments*
- o *Revision Required*
- o *Rejected*
- o *Not Required*

6. Click **Add Comments** to enter comments for the override decision.

Comments are optional unless your agency elects to require comments. Your agency may require comments for decisions with a negative or qualified outcome (*Approved with Comments*, *Rejected*, or *Revision Required*) or all decisions.

You can't edit your comments once the plan review cycle or transaction is closed or canceled.

7. Click the **Save** button.

The system updates the plan reviewer's **Decision Date** timestamp and enters Yes in the **Override** field.

**Note:** If the plan coordinator overrides the last review in the plan review cycle, the override action changes the status of the plan review cycle to complete.

## Managing Plan Review Comments

Comments can be added and are sometimes required when providing plan review decisions or at the review cycle level. Plan coordinators and plan reviewers can also update and delete their own cycle-level and reviewer-level comments.

Your agency may require comments for review cycle cancellations and decisions with a negative or qualified outcome (*Approved with Comments*, *Rejected*, or *Revision Required*) or all decisions and cancellations. Comments are optional unless the agency elects to require comments.

Here's how you can manage plan review comments.

### Cycle-Level Comments

Plan coordinators and plan reviewers can add comments at the review cycle level:

Click **Add Comment** at the bottom of the Plan Reviews page to enter a comment.

All of the comments entered for the review cycle appear on the Plan Reviews page below the **Add Comment** button.

Plan coordinators and plan reviewers can also update and delete their own cycle-level comments. Click the comment row to open the Comment details page. Update comments and save or click **Delete**. System administrators can update and delete comments added by others. You can't update or delete comments once the plan review cycle or transaction is closed or canceled.

## Reviewer-Level Comments

Plan reviewers can add decision comments to their own plan reviews. Plan coordinators can add decision comments for plan reviews assigned to any reviewer:

Click **Add Comments** at the bottom of the Plan Review Decision Details page to enter comments for your review or override decision. For more information, see [Performing Plan Reviews](#).

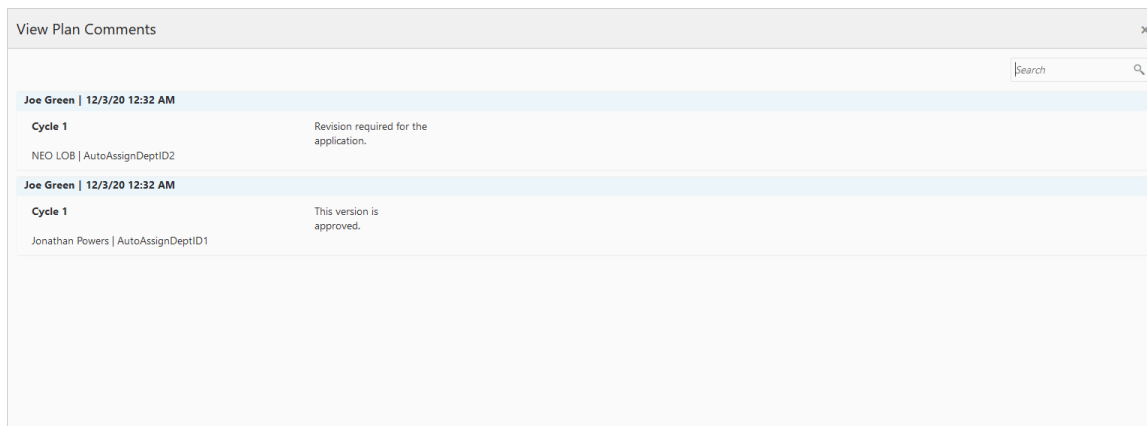
Plan coordinators and plan reviewers can also update and delete their own reviewer-level comments. Click the comment row on the Plan Review Decision Details page to open the Comment details page. Update comments and save or click **Delete**. System administrators can update and delete comments added by others. You can't update or delete comments once the plan review cycle or transaction is closed or canceled.

## All Comments

Plan coordinators, plan reviewers, and applicants can view all comments entered for all cycles of a plan review:

Click the **View Plan Comments** link at the top of the transaction's Plan Reviews page.

This example shows the View Plan Comments page.



The View Plan Comments page displays all of the comments entered for a plan review by all participants during every review cycle. Applicants can't see the plan reviewer names. The comments listed on this page are searchable.

# 9 Working with Permit Inspections

## Security Details for Working with Permit Inspections

This topic describes important security roles, requirements, or considerations specific to working with permit inspections.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Agency Permits Inquiry	View inspections.	PSC Agency Staff - All Agency users
PSC Schedule Inspection	Schedule inspection.	PSC Inspections Supervisor PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician PSC System Administrator
PSC Inspection Request Management	Manage inspection requests.	PSC Inspections Supervisor PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician PSC System Administrator
PSC Registered Public User	Schedule and cancel inspection for permits on which the user is the applicant or a contact with access.  View inspection attachments on applications on which the current user is the applicant.	PSC Registered Public User

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Cancel Inspection Request	Cancel inspection request.	PSC Inspections Supervisor PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician PSC System Administrator
PSC Add Inspection Checklist	Add inspection checklist.	PSC Inspections Supervisor PSC Building Inspector PSC System Administrator
PSC Add Inspection Checklist Items	Add inspection checklist items.	PSC Inspections Supervisor PSC Building Inspector PSC System Administrator
PSC View Inspection Attachments	View inspection attachments.	PSC Agency Staff - All Agency Users
PSC Add Comments to Inspections	Add comments to inspections.	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Inspections Attachments User	Manage inspection attachments.	PSC Inspections Supervisor PSC Geographical Information System Administrator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Update Inspection Comments added by self	Update inspection comments added by themselves.	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Update Inspection Comments added by others and self	Update inspection comments added by others and themselves.	PSC System Administrator
PSC Delete Inspection Comments added by self	Delete inspection comments added by themselves.	PSC Inspections Supervisor PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Building Inspector

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Delete Inspection Comments added by others and self	Delete inspection comments added by others and themselves.	PSC System Administrator
PSC Add Inspection Attachments	Add inspection attachments.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Update Inspection Attachments added by self	Update inspection attachments added by themselves.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Delete Inspection Attachments added by others and self	Delete inspection comments added by others and themselves.	PSC System Administrator
PSC Delete Inspection Attachments added by self	Delete inspection comments added by themselves.	PSC Inspections Supervisor PSC Geographical Information System Administrator PSC Finance Administrator PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Permits Management with Elevated Access	Add comments to inspections after they are closed.  Add attachments to inspections after they are closed.	PSC Permits Supervisor
PSC Inspections Supervisor	Manages the workflow and people to get through inspection jobs everyday. Keeps track of inspectors, districts, and workload.	PSC System Administrator

For more information on creating roles for Oracle Permitting and Licensing, see *Creating Custom Roles for Oracle Permitting and Licensing*.

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the *Security Reference for Oracle Permitting and Licensing*.

## Managing Inspections for a Permit

The permit information includes a consolidated list of inspections related to a permit. As a permit coordinator, you manage inspection activity for a permit—including status, inspection results, code or requirement violations, and more—on the Inspections list page.

As agency staff or a registered public user, you use the Inspections list page to view a complete list of inspections for a permit application. Go to the list of inspections in the permit details to perform these tasks:

- Manage inspection activity.
- Access inspection details and perform actions, including request, schedule, cancel, or claim an inspection.

**Tip:** You can access this page on a mobile device as well as on a laptop or desktop computer. The layout and some functionality changes based on the device you are using. For more information about using the Overview page on a phone, see the *Overview of Mobile Oracle Inspector for Permits*.

## Monitoring Inspection Activity

1. Select the **Permits** tile on the Agency Springboard.
2. On the Transactions – Permits page, click the row for the permit application you are working with.
3. Click **Inspections** in the left navigation panel of the permit details.
4. On the Inspections list page, you can monitor inspection activity in these fields:

Page Element	Description
<b>Inspection</b>	<p>View the inspection number that was automatically generated based on the autonumbering definition in the inspection type.</p> <p>The inspection type is displayed beneath the inspection number. Inspection types determine the scheduling method, assessment type, passing rule, rating method, scoring method, type of inspection checklist, and so on. For more information, see <i>Setting Up Inspection Types</i>.</p>
<b>Status</b>	<p>View the inspection status, which can be one of these, depending on the inspection statuses defined by your agency:</p> <ul style="list-style-type: none"> <li>○ <i>Scheduled</i></li> <li>○ <i>Requested</i></li> <li>○ <i>Completed</i></li> <li>○ <i>Canceled</i></li> <li>○ <i>Pending</i></li> </ul> <p>A date and time is displayed beneath the <i>Completed</i> statuses to indicate when the inspection was completed.</p>



Page Element	Description
<b>Inspector</b>	Identifies the inspector assigned to the inspection.  The date and time of the scheduled inspection is displayed beneath the inspector's name.
<b>Property</b>	View the address of the property associated with the inspection.
<b>Result</b>	View whether the inspection passed or failed.
<b>Reinspection</b>	For failed inspections that have been reinspected, this column displays the unique identifier for the reinspection.  For reinspections, this column displays the unique identifier of the original failed inspection.  <b>Note:</b> Reinspection information appears after you submit a reinspection request.
<b>Reinspect</b>	Displays the <b>Reinspect</b> button for failed inspections. Click to submit a reinspection request.

## Viewing Pending Inspections


When you access this page, the **All** tab displays all of the inspections associated with the permit. Select the **Pending** tab to display only inspections with a status of *Pending*.


The Pending tab appears only if the **Enable Pending Inspections** switch is turned on for the agency. For more information, see [Setting Up Agency-Level Options for Permits](#).

## Viewing the List of Inspections

You can view the inspections for a permit using the list view or grid view. To change the view on the Inspections list page:


1. Select the **Permits** tile on the Agency Springboard.
2. On the Transactions - Permits page, click the row for the permit application you are working with.
3. Click **Inspections** in the left navigation panel of the permit details.
4. On the Inspections list page, use the following buttons to change your view:

Page Element	Description
	Click to display inspections using the list view. This is the default view for public users.

Page Element	Description
	Click to display inspections using the grid view. This is the default view for agency staff.

## Performing Actions from the List of Inspections

1. Select the **Permits** tile on the Agency Springboard.
2. On the Transactions - Permits page, click the row for the permit application you are working with.
3. Click **Inspections** in the left navigation panel of the permit details.
4. You can perform these actions from the Inspections list page:

Page Element	Description
<b>Add Inspection</b>	<p>Click to request an inspection on the Inspection page. See <a href="#">Requesting Inspections</a>.</p> <p>If your agency supports pending inspections, the system prevents you from creating a new or duplicate inspection when an inspection of the same type is already pending. You can schedule the existing pending inspection.</p>
	<p>Click the <b>Assign</b> icon to assign an inspection to an inspector for a specific date and time on the Scheduling modal page. The icon appears only for users with the PSC Inspections Supervisor role. This column is not visible to registered public users.</p> <p>If an inspection is already assigned, but not yet completed, this button enables you to reassign the inspection.</p> <p><b>Note:</b> You'll receive a warning when you assign or reassign an inspection with prerequisite inspections that haven't passed or been corrected.</p>
<b>Reinspect</b>	<p>Click to access the Inspection request page where you can submit a reinspection request for a failed inspection. The reinspection request has a new inspection ID, and it includes all of the information from the failed inspection. Before submitting the reinspection request, you must enter the required scheduling information based on the scheduling method of the inspection.</p> <p>For inspections with a scheduling method of <i>Ready</i>, you must select a <b>Ready by Date</b> and <b>Ready by Time</b>.</p> <p>For inspections with a scheduling method of <i>Request</i>, you must select a <b>Preferred Date</b> and <b>Preferred Time</b>.</p> <p>For inspections with a scheduling method of <i>Schedule</i>, you must click the <b>Select a Time</b> button and select a date and time for the reinspection on the Scheduling modal page.</p> <p>For more information on the Inspection page, see <a href="#">Requesting Inspections</a>.</p>

Page Element	Description

5. You can access more actions by clicking the actions icon in the **Actions** column:



Select one of the available actions in the drop-down menu:

**Actions available when you click the Actions icon on the Inspections page**

Page Element	Description
<b>Cancel Inspection</b>	<p>Click to cancel the inspection. See <a href="#">Requesting Inspections</a>.</p> <p><b>Note:</b> This action doesn't appear for inspections with a status of <i>Canceled</i> or <i>Completed</i>. In addition, the action isn't available once the time until the scheduled inspection is less than the number of hours defined in the <b>Schedule Change Policy</b> field for the inspection type. For more information on inspection types, see <a href="#">Setting Up Inspection Types</a>.</p>
<b>View Detail</b>	<p>Click to view the inspection details on the Inspection Detail page. See <a href="#">Reviewing Inspection Details</a>.</p>
<b>View Request</b>	<p>Click to review, update, or cancel an inspection on the Inspection Request page. See <a href="#">Requesting Inspections</a>.</p>
<b>Assign to Me</b>	<p>Claim a scheduled inspection assigned to another inspector. This action is available when the inspector who claims the inspection has the Building Inspector job function with district and inspection type job attributes that match the inspection's district and type attributes.</p> <p>If you want to reschedule the inspection, click the <b>View Detail</b> action to select a new date and time on the Inspection Detail page.</p>

## Managing Inspections for an Agency

Agency staff and system administrators manage activity for all of their agency's inspections on the Inspections page.

Use the Inspections page to view a complete list of inspections for the entire application. From this page you can manage the full life cycle of an inspection.

**Tip:** You can access this page on a mobile device as well as on a laptop or desktop computer. The layout and some functionality changes based on the device you are using.

**Note:** Agencies may only allow inspections to be performed after prerequisite inspections are completed, but agency staff can override dependency requirements when assigning, reassigning, or scheduling inspections. For information about setting up inspection dependencies, see *Setting Up Inspection Groups*.

## Viewing Inspection Information

1. Select the **Inspections** tile on the agency springboard.
2. Use the drop-down boxes at the top of the page in combination to filter the displayed inspections by date. The types of dates you can filter by are:
  - o **Requested**
  - o **Scheduled**
  - o **Completed**
  - o **All Date Types**

The time periods you can filter by are:

- o **Today**
- o **Yesterday**
- o **Tomorrow**
- o **Last 14 Days**
- o **Next 14 Days**
- o **Last 30 Days**
- o **Next 30 Days**
- o **Date Range**

For example, if you want to view the inspections scheduled for today and the next two weeks, select **Scheduled** and **Next 14 Days**.

3. On the Inspections page, you can view inspection information in these fields.

**Note:** The way the columns are displayed in the inspections grid may vary depending on the grid format selected by your agency. For information about expanded and condensed grid formats and common grid controls, see *Using Grids* and *Personalizing Grid Displays*.

Page Element	Description
<b>Inspection</b>	Displays the automatically generated inspection number.  The inspection type is displayed beneath the inspection number in the condensed grid format. For more information on inspection types, see <i>Setting Up Inspection Types</i> .

Page Element	Description
	<p>The inspection status is displayed beneath the inspection type in the condensed grid format. Valid values are:</p> <ul style="list-style-type: none"> <li>○ <i>Scheduled</i></li> <li>○ <i>Requested</i></li> <li>○ <i>Completed</i></li> <li>○ <i>Canceled</i></li> <li>○ <i>Pending</i></li> </ul>
<b>Required</b>	<p>Displays whether this inspection type is required for the permit. The agency determines which inspection types are required on the inspection group setup page.</p>
<b>Permit</b>	<p>Displays the automatically generated permit number associated with the inspection. Click it to access the Overview page for the permit.</p> <p>The permit type is displayed beneath the permit number in the condensed grid format. For more information on permit types, see <a href="#">Setting Up Permit Types</a>.</p> <p>The permit description is displayed beneath the permit type in the condensed grid format.</p>
<b>Property</b>	<p>Displays the address of the property associated with the inspection.</p> <p>You can sort the <b>Property</b> column by the street name, first line of an address, or city by clicking the arrow icon on the column header and selecting <i>Street</i>, <i>Address</i>, or <i>City</i> in the condensed grid format.</p>
<b>Requested</b>	<p>The requested date and time for the inspection. The column displays either the preferred date and time, or the ready by date and time, based on the scheduling method of the inspection.</p>
<b>Preferred Inspector</b>	<p>Displays the preferred inspector requested for the inspection.</p> <p><b>Note:</b> This column is not visible to registered public users.</p>
<b>Inspector</b>	<p>Displays the name of the inspector assigned to the inspection. This column is not visible to registered public users.</p>
<b>Scheduled</b>	<p>The scheduled date and time for the inspection.</p>
<b>Completed</b>	<p>The date and time that the inspection was completed.</p>

Page Element	Description
<b>Result</b>	Indicates whether the inspection passed or failed.
<b>Reinspection</b>	<p>For failed inspections that have been reinspected, this column displays the unique identifier for the reinspection.</p> <p>For reinspections, this column displays the unique identifier of the original failed inspection.</p> <p><b>Note:</b> Reinspection information appears after you submit a reinspection request.</p>
<b>Reinspect</b>	Displays the <b>Reinspect</b> button for failed inspections. Click to submit a reinspection request.

## Viewing Pending Inspections


When you access this page, the **All** tab displays all of the inspections for the agency. Select the **Pending** tab to display only inspections with a status of *Pending*.

The Pending tab appears only if the **Enable Pending Inspections** switch is turned on for the agency. For more information, see [Setting Up Agency-Level Options for Permits](#).

## Performing Actions for Inspections

1. Select the **Inspections** tile on the agency springboard.
2. On the Inspections list page, you can perform the following actions for an inspection:

**Note:** You'll receive a warning when you add an inspection with prerequisite inspections that haven't passed or been corrected.

Page Element	Description
<b>Add Inspection</b>	<p>Click to request inspections for a permit. See <a href="#">Requesting Inspections</a>.</p> <p>If your agency supports pending inspections, the system prevents you from creating a new or duplicate inspection when an inspection of the same type is already pending. You can schedule the existing pending inspection.</p>
	Click the <b>Assign</b> icon to assign an inspection to an inspector for a specific date and time on the Scheduling modal page. The icon appears only for users with the PSC Inspections Supervisor role. This column is not visible to registered public users.

Page Element	Description
	<p>If an inspection is already assigned, but not yet completed, this button enables you to reassign the inspection.</p> <p><b>Note:</b> You'll receive a warning when you assign or reassign an inspection with prerequisite inspections that haven't passed or been corrected.</p>
<b>Reinspect</b>	<p>Click to access the Inspection Request page where you can submit a reinspection request for a failed inspection. The reinspection request has a new inspection ID, and it includes all of the information from the failed inspection. Before submitting the reinspection request, you must enter the required scheduling information based on the scheduling method of the inspection.</p> <p>For inspections with a scheduling method of <i>Ready</i>, you must select a <b>Ready by Date</b> and <b>Ready by Time</b>.</p> <p>For inspections with a scheduling method of <i>Request</i>, you must select a <b>Preferred Date</b> and <b>Preferred Time</b>.</p> <p>For inspections with a scheduling method of <i>Schedule</i>, you must click the <b>Select a Time</b> button and select a date and time for the reinspection on the Scheduling modal page.</p> <p>For more information on the Inspection Request page, see <a href="#">Requesting Inspections</a>.</p>

3. You can access more actions by clicking the actions icon in the **Actions** column:



Select one of the available actions in the drop-down menu:

**Actions available when you click the Actions icon on the Inspections page**

Page Element	Description
<b>Add Inspection</b>	Click to request additional inspections for the permit associated with the inspection. See <a href="#">Requesting Inspections</a> .
<b>Cancel Inspection</b>	Click to cancel the inspection. See <a href="#">Requesting Inspections</a> .

Page Element	Description
	<p><b>Note:</b> This action doesn't appear for inspections with a status of <i>Canceled</i> or <i>Completed</i>. In addition, the action isn't available once the time until the scheduled inspection is less than the number of hours defined in the <b>Schedule Change Policy</b> field for the inspection type. For more information on inspection types, see <a href="#">Setting Up Inspection Types</a>.</p>
<b>View Detail</b>	Click to view the inspection details on the Inspection Detail page. See <a href="#">Reviewing Inspection Details</a> .
<b>View Request</b>	Click to review, update, or cancel an inspection on the Inspection Request page. See <a href="#">Requesting Inspections</a> .
<b>Assign to Me</b>	<p>Claim a scheduled inspection assigned to another inspector. This action is available when the inspector who claims the inspection has the Building Inspector job function with district and inspection type job attributes that match the inspection's district and type attributes.</p> <p>If you want to reschedule the inspection, click the <b>View Detail</b> action to select a new date and time on the Inspection Detail page.</p>

## Requesting Inspections

Agency users can request inspections for permits to ensure that they are in compliance.

You request, modify, and cancel inspection requests on the Inspection request page. For information about adding, updating, or canceling scheduled inspections in the Oracle Inspector mobile application, see [Managing Scheduled Inspections](#)

### Inspection Request Considerations

There are several reasons that you may not be allowed to request or schedule an inspection. When you're making a request for multiple inspections, only those that meet the requirements are created. The system displays the reasons the inspections can't be created. Let's take a look at the issues that may prevent you from creating an inspection.

#### **Issues that prevent an inspection from being created or scheduled**

Inspection Issue	Description
Incomplete dependencies	Agencies may only allow inspections to be performed after prerequisite inspections are completed with a passing or corrected result, but agency staff can override dependency requirements when assigning, reassigning, or scheduling inspections. Applicants can't schedule an inspection or update a pending inspection that has prerequisite inspections.



Inspection Issue	Description
	<p>If you have selected multiple inspections, you can schedule only the inspections with no dependency requirements or prerequisites that are already complete with a Pass or Corrected result.</p> <p>Agencies identify inspection dependences in the inspection setup on the Inspection Group page.</p>
Missing district	<p>Assigning districts to properties is required setup for inspection requests and scheduling. Agency staff can create pending inspections with an incorrect or missing district if the agency supports pending inspections.</p> <p>Inspections are scheduled and assigned based on the district associated with a property. For properties associated with a parcel, you assign districts to the parcel on the Parcel District page. For properties with an address, but no parcel, use the Address District page to assign districts to a property.</p>
Preexisting pending inspections	<p>If your agency supports pending inspections, the system prevents you from creating a new or duplicate inspection when an inspection of the same type is already pending. You can schedule the existing pending inspection.</p> <p>Use the Inspections section of the agency's Permit Options page to configure how your agency handles pending inspections.</p>
Incomplete required inspections before the final inspection	<p>You can't schedule a final inspection or assign a pending final inspection to an inspector until all of the required inspections for the permit are complete with a passing or corrected result.</p> <p>If one of multiple inspections selected is the final inspection and there are incomplete required inspections, you won't be able to create the final inspection. If the final inspection is in a pending status and there are incomplete required inspections, agency staff or applicants can't assign the inspection.</p> <p>Agencies identify required inspections and the final inspection in the setup on the Inspection Group page.</p> <p>If an inspection type is defined as required in the inspection group, but you turn off the <b>Required</b> switch when the inspection is created, then it's no longer considered a required inspection when completing the final inspection. The reverse is also true: You can turn on the <b>Required</b> switch to make the inspection required.</p>
Permit conditions	<p>Conditions on the permit such as Prevent Inspection Schedule or Prevent Final Inspection can prevent you from scheduling an inspection or prevent you from adding or proceeding with a final inspection.</p>
Permit fees due before the final inspection	<p>Agencies may configure a stop process action in the Business Rules Framework to prevent you from creating or scheduling a final inspection when permit fees are outstanding.</p> <p>The stop process action isn't triggered by requests sent from the Oracle Inspector mobile app. However, requests sent from a browser running on a mobile device will still trigger the stop process action.</p> <p>Agencies configure stop process actions in the Business Rules Framework.</p>

For information about setting up inspection dependencies, required inspections, and the final inspection, see [Setting Up Inspection Groups](#).

For more information about setting up a business rule to prevent final inspections when permit fees are due, see [Setting Up Stop Process Actions](#).

## Requesting an Inspection

1. Click the **Add Inspection** button from one of the following locations:
  - o The Inspections page in the permit details, which you can access by clicking **Permits** on the Agency Springboard. See *Managing Inspections for a Permit*.
  - o The Inspections page, which you can access by clicking **Inspections** on the Agency Springboard. See *Managing Inspections for an Agency*.

**Note:** The button is also available to registered public users on the Inspections page, which they access from the registered user public landing page by clicking **Inspections** or by selecting *Schedule an Inspection* from the **I Want To** field. Registered public users can only add an inspection if the permit has a status of About to Expire, Permit Issued, or Inspection.

2. On the Inspection modal page, select the **Permit** for which you want to request an inspection.

**Note:** If you are requesting an inspection from the Inspections page for a specific permit, the **Permit** is already selected on the modal page.

3. You'll see the inspection types that are available to select based on the inspection group that is associated with the permit type.

**Note:** Agency staff can select the **Show All Inspection Types** check box to make all inspection types available for selection. This check box isn't available to public users.

For each inspection type listed on the Inspection modal page, you'll see this information:

Element	Description
<b>Inspection Type and Description</b>	Indicates the inspection type code and description.
<b>Dependencies</b>	Lists the prerequisite inspections.
<b>Required</b>	Indicates that this inspection type is required.
<b>Final Inspection</b>	Indicates that this is the last inspection that needs to be done.

4. Select the check box next to each **Inspection Type** that you want to add. You can't select multiple inspections in small form factor or through the Oracle Inspector mobile application.
5. Select the **Pending** check box to set the status of the inspections to *Pending*. This check box is available only if the **Enable Pending Inspections** switch is turned on for the agency. For more information, see *Setting Up Agency-Level Options for Permits*.

**Note:** This switch is not available to registered public users.

6. Click **Continue** to access the Inspection page.

The request page for a single inspection looks like this.

This example shows the Inspection page for a single inspection. The **Select a Time** button is available because the inspection was set up with the Schedule method.

---

ELE Scheduling Inspections

---

CK-2022-00232 | Inspection  
CKPERMITTYPE01  
Jina Jose Permit Application

---

Pending

Required

Comments

Address 3904 Cabell Avenue RIA  
Arlington, US-VA 22201

Inspection Location

Location Contact Jina Jose

Contact Methods Email

---

Inspection Schedule

If you selected more than one inspection type, they are all displayed in the Selected Inspections grid as shown here.

This example shows the Inspection page for multiple inspections. Each inspection has a different scheduling method. The inspection with the **Select a Time** button has the Schedule method and the inspection preferred date and time fields has the Request method.

---

CK-2022-00159 | Inspection  
CKPERMITTYPE01  
Jina Jose Permit Application

---

Comments

Address 3904 Cabell Avenue RIA  
Arlington, US-VA 22201

Inspection Location

Location Contact Jina Jose

Contact Methods Email

---

Selected Inspections

Inspection Type	Description	Required	Select Time	Date	Time
CK_SCHDINSP_FNC	FNC Scheduling Inspections	<input checked="" type="checkbox"/>	<input type="button" value="Select a Time"/>		
CK_SC_FNL	FNL Security Inspection	<input type="checkbox"/>		<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>

- Turn the **Required** switch on or off. The **Required** switch defaults to the inspection type setting on the Inspection Group Details page. If the inspection is outside of the inspection group, the setting defaults to Not Required.

8. Depending on the scheduling method set up for the inspection type, agency staff and applicants can enter times in the preferred date and time fields or ready by date and time fields, or select a time.

The **Select a Time** button appears only for inspection types with a **Scheduling Method** of *Schedule*. See the section, "Selecting an Inspection Time" for more information.

9. (Optional) Click the **Delete** button to remove any inspection types that you don't want to include in your inspection request.
10. Click **Submit**.

If the Inspection Requested communication event is configured, the system automatically creates an email notification for the permit technician that an inspection request has been created. For more information, see *Delivered Communication Events*.

## Selecting an Inspection Time

The **Select a Time** button on the Inspection request page appears only for inspection types with a **Scheduling Method** of *Schedule*. Both agency staff and applicants can select a time on the Scheduling modal page. Only inspections supervisors can see the inspector names and override availability.

The dates and times that are available for inspection scheduling are based on the following factors:

- Type of inspection and when the inspection can be performed.
- District of the parcel or district associated with the address.
- Inspectors assigned to the district and inspection type.
- Availability of the inspectors according to work schedules, holiday schedules, and inspection calendars.

For more information on scheduling inspections as a supervisor and an example of the Scheduling modal page, see *Assigning Inspections Using the Supervisor Calendar*.

For more information, see *Setting Up Inspection Scheduling*.

## Modifying an Inspection Request

1. Select the **View Request** action for an inspection from one of the following locations:
  - The Inspections page in the permit details, which you can access by clicking **Permits** on the Agency Springboard. See *Managing Inspections for a Permit*.
  - The Inspections page, which you can access by clicking **Inspections** on the Agency Springboard. See *Managing Inspections for an Agency*.

**Note:** The action is also available to registered public users on the Inspections page, which they access from the registered public user landing page by clicking **Inspections** or by selecting *Schedule an Inspection* from the **I Want To** field.

2. Update the field values on the Inspection page.

**Note:** You can't edit the **Inspection Type** field. In addition, you can't edit any fields on this page if the status of the inspection is *Canceled* or *Completed*.

- Turn the **Required** switch on or off to override the default required inspection setting for the inspection. The **Required** switch defaults to the inspection type settings on the Inspection Group Details page. If the inspection is not part of the inspection group, the setting defaults to not required.
- If the link is available, you can click **Assign to me** to claim an inspection assigned to another inspector. The inspector who claims the inspection must have the Building Inspector job function with district and inspection type job attributes that match the inspection's district and type attributes.

When an inspector claims the inspection, they can also select a new inspection date and time. If the Inspection Rescheduled communication event and template are configured by your agency, the system generates a notification when you reschedule the inspection.

3. If an inspection time has already been selected, you can click **Select a Different Time** to select a different inspection date and time on the Scheduling modal page.

**Note:** The **Select a Different Time** button appears only for inspection types with a **Scheduling Method** of *Schedule*. The button is not available if the status of the inspection is *Canceled* or *Completed*. In addition, the button is not available once the time to the scheduled inspection is less than the number of hours defined in the **Schedule Change Policy** field for the inspection type. For more information on inspection types, see *Setting Up Inspection Types*.

4. Click **Save**.

When you or the applicant reschedule an inspection, the applicant, inspection contact, inspector, and inspection supervisor can receive a notification, depending on the communication template setup.

## Canceling an Inspection Request

**Note:** An inspection request is canceled automatically when an agency staff member withdraws the application associated with the request.

1. Select the **Cancel Inspection** action for an inspection from one of the following locations:

- The Inspections page in the permit details, which you can access by clicking **Permits** on the Agency Springboard. See *Managing Inspections for a Permit*.
- The Inspections page, which you can access by clicking **Inspections** on the Agency Springboard. See *Managing Inspections for an Agency*.

**Note:** The action is also available to registered public users on the Inspections page, which they access from the registered public user landing page by clicking **Inspections** or by selecting *Schedule an Inspection* from the **I Want To** field. The **Cancel Inspection** action doesn't appear for inspections with a status of *Canceled* or *Completed*. In addition, the action isn't available once the time to the scheduled inspection is less than the number of hours defined in the **Schedule Change Policy** field for the inspection type. For more information on inspection types, see *Setting Up Inspection Types*.

2. Enter a **Cancellation Reason** on the Cancel Inspection modal page. Your agency may require comments, depending on settings in the agency options.
3. Click **Confirm**.

When you or the applicant cancel an inspection, the applicant, inspection contact, inspector, and inspection supervisor can receive a notification, depending on the communication template setup.

## Interactive Voice Response Inspection Requests

When interactive voice response (IVR) is enabled for your agency, registered public users can request inspections over the phone. IVR is compatible with the *Request* and *Schedule* scheduling methods. Regardless of which of these two scheduling methods is associated with an IVR inspection request, a user chooses a preferred date and time period (morning or afternoon). For inspections with a *Request* scheduling method, the selected date and time period are recorded as the **Preferred Date** and **Preferred Time**. For inspections with a *Schedule* scheduling method, the system uses the selected date and time period to automatically assign a specific time slot and inspector.

For more information on IVR, see *Setting Up Agency-Level Options for Permits*.

## Assigning Inspections Using the Supervisor Calendar

Inspection supervisors assign and schedule inspections using the Supervisor Calendar page.

Inspection supervisors can view all inspections they are responsible for based on the inspection type and inspection district attributes associated with their job function. See *Setting Up Agency Staff*.

**Note:** Agencies may configure the system to prevent you from assigning a final inspection when permit fees are due. For more information, see *Setting Up Stop Process Actions*.

**Note:** Agencies may only allow inspections to be performed after prerequisite inspections are completed, but agency staff can override dependency requirements when assigning, reassigning, or scheduling inspections. For information about setting up inspection dependencies, see *Setting Up Inspection Groups*.

# Assigning Individual Inspections

1. Click **Supervisor Calendar** on the Agency Springboard.

This example shows the Unassigned tab of the Supervisor Calendar page. The grid is shown in the condensed format, where several fields appear in a column.

Supervisor Calendar

Permit	Inspection	District	Property	Duration in Hours	Preferred Inspector	Preferred Time	Ready By	Assign
CK-2021-00302	CKFNL-2021-00211 FNL Inspection Requesting Inspections	CK_INSPECTION_DISTRICT_FNL	3904 Cabell Avenue Arlington	2			3/12/21 8:00 AM	Assign
CK-2021-00313	CKGRD-2021-00034 GRD Inspection Requesting Inspections	CK_INSPECTION_DISTRICT_GRD	4292 Rhode Island Avenue RIA, Rhode Island Avenue HANNA	3		4/1/21 Morning		Assign
CK-2021-00302	CKFNL-2021-00207 FNL Inspection Requesting Inspections	CK_INSPECTION_DISTRICT_FNL	3904 Cabell Avenue Arlington	2			1/12/21 8:00 AM	Assign
CK-2021-00302	CKFNL-2021-00213 FNL Inspection Requesting Inspections	CK_INSPECTION_DISTRICT_FNL	3904 Cabell Avenue Arlington	2			3/12/21 8:00 AM	Assign
CK-2021-00311	CKFNL-2021-00218 FNL Inspection Requesting Inspections	CK_INSPECTION_DISTRICT_FNL	3904 Cabell Avenue RIA, Cabell Avenue Arlington	2			3/31/21 5:00 PM	Assign

The Unassigned tab of the Supervisor Calendar page lists inspections that meet all of the following criteria:

- o No inspector is assigned.
- o The status is *Requested*.
- o The inspections are associated with the district and inspection types that are assigned to the current supervisor user.

You can sort the inspections by permit, inspection, district, property, duration, preferred inspector, preferred time, and ready by date and time.

For each inspection, the tab displays the following information:

Page Element	Description
<b>Permit</b>	Displays the permit ID associated with the inspection. Click to access the Permit Details page.  <b>Note:</b> Because this page displays the permit ID for inspections, you may see multiple inspections with the same permit ID.
<b>Inspection</b>	Displays the inspection number that was automatically generated based on the autonumbering definition in the inspection type.  The inspection type is displayed beneath the inspection number. Inspection types determine the scheduling method, assessment type, passing rule, rating method, scoring method, type of inspection checklist, and so on. For more information, see <a href="#">Setting Up Inspection Types</a> .
<b>District</b>	Displays the district associated with the inspection.
<b>Property</b>	Displays the address of the property associated with the inspection.

Page Element	Description
<b>Duration in Hours</b>	Displays the expected duration of the inspection in hours.
<b>Preferred Inspector</b>	<p>Displays the name of the inspector determined to be the best choice for performing the inspection. A preferred inspector is assigned when:</p> <ul style="list-style-type: none"> <li>○ The inspection is a reinspection. The preferred inspector is the inspector who performed the original failed inspection.</li> <li>○ The inspection is being performed at the same location as a previous or scheduled inspection. The preferred inspector is the inspector who previously performed an inspection or is currently scheduled to perform an inspection at the location.</li> </ul> <p>When more than one inspector qualifies as the preferred inspector, this field displays a value of <i>Multiple</i>.</p>
<b>Preferred Time</b>	Displays the preferred date and time period for the inspection.
<b>Ready By</b>	Displays the date and time when the permit is ready for the inspection.

2. (Optional) Filter the list of unassigned inspections by permit, inspection, district, or duration.
3. Click **Assign** for the inspection that you want to assign.

**Note:** Agency staff can override the requirement to complete prerequisite inspections with a passing or corrected result before assigning the inspection.

The Scheduling modal page lists the dates that are available for you to schedule the inspection, starting with the date in the **From Date** field. The default value of this field depends on the scheduling method of the inspection:

Scheduling Method	From Date Default Value
Request	The preferred date when it is after the current date, or the current date when the preferred date is equal to or earlier than the current date.
Ready	The ready by date when it is after the current date, or the current date when the ready by date is equal to or earlier than the current date.
Schedule	The current date.



Scheduling Method	From Date Default Value

This example shows the Scheduling modal page for an inspections supervisor. Inspections supervisors can see the inspector names and override availability.

Scheduling
✕

**Permit** CK-2021-00394      **Duration in Hours** 3

**Inspection Type** GRD Inspection Requesting Inspections      **District** CK\_INSPECTION\_DISTRICT\_GRD

▲ **Override Availability**

**Inspector**  ▼

**Date**

**Time**

**From Date**

Date	Inspector	Time	Select
Friday, May 7, 2021	Amy Scott	9:00 AM ▼	<input type="button" value="Select"/>
Monday, May 10, 2021	Amy Scott	9:00 AM ▼	<input type="button" value="Select"/>
Tuesday, May 11, 2021	Jacob Smith	11:00 AM ▼	<input type="button" value="Select"/>
Thursday, May 13, 2021	Amy Scott	9:00 AM ▼	<input type="button" value="Select"/>
Thursday, May 13, 2021	Jacob Smith	11:00 AM ▼	<input type="button" value="Select"/>

Get More Time Slots


- Select an available **Time** from the drop down list and click **Select** next to the inspector and date on which you want to schedule the inspection.

**Note:** A flag icon appears next to preferred inspectors.

If an inspector is not available for the date and time that you want, inspections supervisors can expand the **Override Availability** section of the modal page to manually assign an inspector for a specific date and time. Select the **Inspector**, **Date**, and **Time** and click **Select** to assign the inspection. This is useful when supervisors need to load balance inspectors and ensure that each inspection is assigned to an inspector.

If the Inspection Scheduled communication event is configured, the system can automatically create an email notification to the inspector and inspection contact when the inspection has been scheduled and assigned to the inspector. For more information, see [Delivered Communication Events](#).

## Assigning Inspections in Batch

1. Click **Supervisor Calendar** on the Agency Springboard.
2. (Optional) Filter the list of unassigned inspections by permit, inspection, district, or duration.
3.  .  
Click **Select Multiple**.
4. Select the check box next to each inspection that you want to assign.
5. Click **Assign** to run the automatic batch assignment process. The process assigns inspections based on:
  - o Holiday schedules
  - o Inspection calendars
  - o Inspector availability
  - o Inspector qualifications
  - o Work schedules

For more information on these inspection scheduling factors, see [Setting Up Inspection Scheduling](#).

Supervisors receive an error message if there are no time slots available for an inspection selected for assignment. This can occur when:

- a. The ready by or preferred date is more than 14 days after the day you're running the batch assignment.
- b. There are time slots available, but none of them are before the expiration date.
- c. No qualified inspectors have availability in the next 14 days.

You may be able to assign some inspections in a batch but not others because of dependencies. Agency staff can override the requirement to complete prerequisite inspections with a passing or corrected result before assigning inspections.

## Reassigning Individual Inspections

1. Click **Supervisor Calendar** on the Agency Springboard.

2. Select the **Assigned** tab.

This example shows the Assigned tab of the Supervisor Calendar page. The grid is shown in the condensed format, where several fields appear in a column.

Supervisor Calendar

Permit	Inspection	District	Property	Duration in Hours	Inspector	Schedule Start Date	Schedule End Date	Reassign
CK-2021-01285	CKELE-2021-00460 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Roger Penrose	5/7/21 3:00 PM	5/7/21 6:00 PM	Reassign
CK-2021-01293	CKELE-2021-00468 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Gautam Mahadeo	5/7/21 9:00 AM	5/7/21 12:00 PM	Reassign
CK-2021-01300	CKELE-2021-00471 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Gautam Mahadeo	5/7/21 1:00 PM	5/7/21 4:00 PM	Reassign
CK-2021-01237	CKELE-2021-00448 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Gautam Mahadeo	5/7/21 4:00 PM	5/7/21 7:00 PM	Reassign
CK-2021-01294	CKELE-2021-00469 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Amy Scott	5/7/21 9:00 AM	5/7/21 12:00 PM	Reassign

The Assigned tab of the Supervisor Calendar page lists inspections that meet all of the following criteria:

- o An inspector is assigned.
- o The status of the inspection is *Scheduled*.
- o The inspection scheduled start date is equal to the date selected at the top of the page.
- o The inspections are associated with the district or inspection types that are assigned to the current supervisor user.

Assigned inspections display the following information:

Page Element	Description
<b>Permit</b>	Displays the permit number associated with the inspection. Click to view detailed information about the permit.  <b>Note:</b> Because this page displays the permit ID for inspections, you may see multiple inspections with the same permit ID.
<b>Inspection</b>	Displays the inspection number that was automatically generated based on the autonumbering definition in the inspection type.  The inspection type is displayed beneath the inspection number. Inspection types determine the scheduling method, assessment type, passing rule, rating method, scoring method, type of inspection checklist, and so on. For more information, see <i>Setting Up Inspection Types</i> .
<b>District</b>	Displays the district associated with the inspection.
<b>Property</b>	Displays the address of the property associated with the inspection.
<b>Duration in Hours</b>	Displays the expected duration of the inspection in hours.

Page Element	Description
<b>Inspector</b>	Displays the name of the inspector assigned to the inspection.
<b>Schedule Start Date and Schedule End Date</b>	Displays the dates and times when the inspection is scheduled to start and end.

- (Optional) Use the **Previous Day**, **Next Day**, and **Select a Date** buttons at the top of the page to adjust which inspections are displayed. The tab displays assigned inspections with a scheduled start date that is equal to the selected date.
- (Optional) Filter the list of assigned inspections by permit, inspection, district, duration, or inspector.
- Click **Reassign** for the inspection that you want to reassign.

**Note:** Agency staff can override the requirement to complete prerequisite inspections with a passing or corrected result before reassigning the inspection.

The Scheduling modal page lists the dates that are available for you to schedule the inspection, starting with the date in the **From Date** field. The default value of this field depends on the scheduling method of the inspection:

Scheduling Method	From Date Default Value
Request	The preferred date when it is after the current date, or the current date when the preferred date is equal to or earlier than the current date.
Ready	The ready by date when it is after the current date, or the current date when the ready by date is equal to or earlier than the current date.
Schedule	The current date.

- Select an available **Time** from the drop down list and click **Select** next to the inspector and date on which you want to schedule the inspection.

**Note:** A flag icon appears next to preferred inspectors.

If an inspector is not available for the date and time that you want, you can expand the **Override Availability** section of the modal page to manually assign an inspector for a specific date and time. Select the **Inspector**, **Date**, and **Time** and click **Select** to assign the inspection. This enables supervisors to assign inspectors outside the hours of their normal work schedules, schedule inspectors on holidays, or double book inspectors by assigning them to two inspections at the same time. Double booking may occur when multiple inspections are required at the same address.

## Reassigning Inspections in Batch

1. Click **Supervisor Calendar** on the Agency Springboard.
2. (Optional) Use the **Previous Day**, **Next Day**, and **Select a Date** buttons at the top of the page to adjust which inspections are displayed.
3. Select the **Assigned** tab.

The tab displays assigned inspections with a preferred date or ready by date that is less than or equal to the selected date.

4. (Optional) Filter the list of assigned inspections by permit, inspection, district, duration, or inspector.
5. Click **Select Multiple**.

This example shows the Assigned tab of the Supervisor Calendar page with the Select Multiple button selected. The grid is shown in the condensed format, where several fields appear in a column.

Supervisor Calendar

Permit	Inspection	District	Property	Duration in Hours	Inspector	Schedule Start Date	Schedule End Date
<input checked="" type="checkbox"/>	CK-2021-01285	CKELE-2021-00460 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Roger Penrose	5/7/21 3:00 PM 5/7/21 6:00 PM
<input type="checkbox"/>	CK-2021-01293	CKELE-2021-00469 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Gautam Mahadeo	5/7/21 9:00 AM 5/7/21 12:00 PM
<input checked="" type="checkbox"/>	CK-2021-01300	CKELE-2021-00471 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Gautam Mahadeo	5/7/21 1:00 PM 5/7/21 4:00 PM
<input type="checkbox"/>	CK-2021-01237	CKELE-2021-00448 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Gautam Mahadeo	5/7/21 4:00 PM 5/7/21 7:00 PM
<input checked="" type="checkbox"/>	CK-2021-01294	CKELE-2021-00469 ELE Scheduling Inspections	CK_INSPECTION_DISTRICT_ELE	3904 Cabell Avenue RIA, Cabell Avenue Arlington	3	Amy Scott	5/7/21 9:00 AM 5/7/21 12:00 PM

6. Select the check box next to each inspection that you want to reassign.
7. Click **Reassign**.

**Note:** You may be able to reassign some inspections in a batch but not others because of dependencies. Agency staff can override the requirement to complete prerequisite inspections with a passing or corrected result before reassigning inspections.

8. On the Reassign modal page, select the inspectors that you want to exclude from receiving the reassignment. The inspectors assigned to the inspections you selected for reassignment are selected for exclusion by default.
9. Click **OK** to run the automatic batch reassignment process. The process reassigns inspections based on:
  - o Holiday schedules
  - o Inspection calendars
  - o Inspector availability
  - o Inspector qualifications
  - o Work schedules

For more information on these inspection scheduling factors, see [Setting Up Inspection Scheduling](#).

Supervisors receive an error message if there are no time slots available for an inspection selected for reassignment. This can occur when:

- a. The ready by or preferred date is more than 14 days after the day you're running the batch reassignment.
- b. There are time slots available, but none of them are before the expiration date.
- c. No qualified inspectors have availability in the next 14 days.

## Viewing Assigned Inspections

Inspectors and inspection supervisors can view details about all inspections, including inspections assigned to them, on pages they access from their laptops or desktops. They can also view the inspections assigned to them in a calendar on the Oracle Inspector mobile application. Inspection supervisors view daily inspections for the inspection types and districts they are responsible for using Oracle Inspector.

Inspection assignments are based on attributes, such as inspection type and inspection district, that are associated with the job functions. For more information about inspection job functions and attributes, see [Setting Up Agency Staff](#).

### Viewing Inspections Assigned to Me

As a building inspector or inspection supervisor, you can find the inspections assigned to you on the Task Management page on your desktop or laptop:

1. Select the **My Inspections** link on the Agency Springboard.
2. The Task Management page opens with a predefined filter to select tasks with the *Inspection* type.  
You can also use the filter button to filter by additional parameters, including task name, permit ID, permit type, status, last updated date, or assigned by.  
Inspection assignments appear in the task grid.
3. Click the **View More Details** button for a permit record to open the Inspection Detail page.

You can also view your assigned inspections on the Inspections tabs in the Worklist and on the Inspection Tasks page in the Oracle Inspector mobile application. See [Viewing Tasks in the Worklist](#) and [Viewing Inspection Tasks](#), respectively.

For information about inspection details for a permit, see [Reviewing Inspection Details](#).

### Viewing All Assigned Inspections

Agency staff including inspectors and inspection supervisors can view all assignments on the Inspections page accessed using a desktop or laptop:

1. Select the **Inspections** tile on the Agency Springboard or in the global navigation go to **Inspections > Inspections**.
2. Click the **Request Inspection** button to open the Inspection Request page to begin the scheduling process.  
For more information about scheduling an inspection, see [Requesting Inspections](#).
3. In the **Actions** column, you can select *View Request* or *View Detail*, which opens the inspections information for a permit in the permit details pages.

### Viewing the Daily Schedule for Inspections in Oracle Inspector

The Inspection Tasks page, which includes the **My Inspections** and **All Inspections** tabs, provides a daily calendar view with inspections organized by scheduled date and time. Overdue inspections from previous days appear at the top of the list in a collapsible section.

1. Click the **Navigator** button in the global banner.
2. Select **Inspections > Mobile Inspections**.
3. The Inspection Tasks page opens in Oracle Inspector. As an inspector or inspector supervisor, you can:

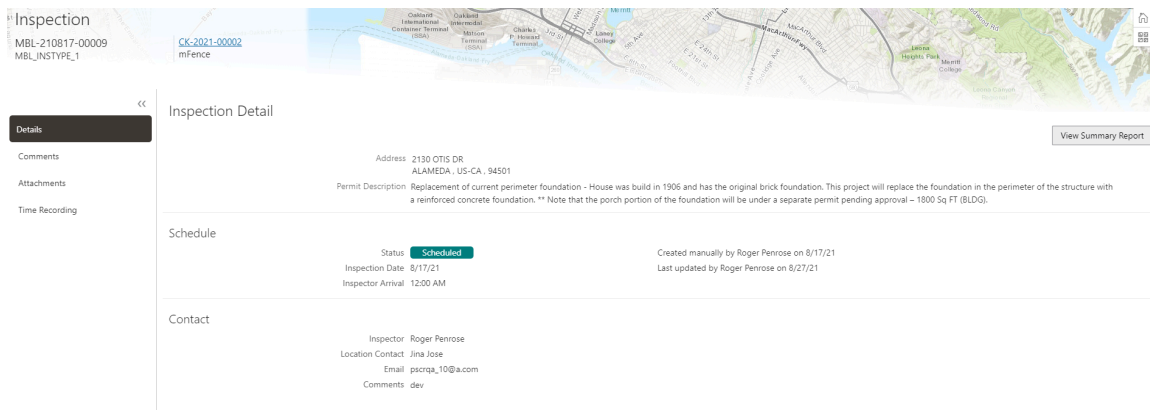
- o Click the **All Inspections** tab to view the daily inspections for the inspection types and districts you are responsible for. The list of inspections shows inspection information including the inspector's name.
  - o Click the **My Inspections** tab to view a list of your daily scheduled inspections and summary information.
4. Click the inspection task row to open the Inspection Details page. From here you can review or perform the inspection.

For more information about using the Oracle Inspector mobile application to view assigned inspections, see [Viewing Inspection Tasks](#).

## Reviewing Inspection Details

You keep track of the details for an inspection, including the inspection location, schedule, results, and contact information, on the Inspection Detail page.

This example illustrates the Inspection Detail page for an inspection. The fields are described in the following table.



Agency staff can access details for a permit inspection from the permits in the transactions list or through task management on their desktop or laptop. This topic discusses accessing inspection details for a permit from the agency Transactions page. For information about accessing inspection details from the Task Management page, see [Viewing Assigned Inspections](#).

When you perform an inspection using Oracle Inspector on your phone, you access the inspection details from your inspection task calendar. For more information, see [Working with Inspection Details](#).

## Reviewing the Inspection Details for a Permit

To navigate to details for an inspection from the permit list:

1. Select the **Permits** tile on the Agency Springboard.
2. On the Transactions - Permits page, click the row for the permit application you are working with.
3. Click **Inspections** in the left navigation panel to open the list of inspections in the right panel. Click the three-dot **Actions** menu and select **View Details**.

- On the Inspection Detail page, review the address, inspection location and the permit description. You can also review inspection information in these sections:

Page Elements	Description
<b>Schedule</b> section	<p>Review the following information about the inspection schedule:</p> <ul style="list-style-type: none"> <li>○ Inspection status.</li> <li>○ Scheduled Date</li> <li>○ Inspector Arrival: Shows the time or timeframe in which the inspector will arrive. The display of the value is based on the settings on the Permit Type page. <ul style="list-style-type: none"> <li>- If the <b>Enable Scheduled Time Range</b> switch is turned on, then the scheduled time for an inspection shows as a time range instead of a precise time value. For example, <i>Morning</i>.</li> <li>- If the <b>Enable Scheduled Time Range</b> switch is turned off, then the scheduled time for an inspection shows as a time value. For example, <i>11:00 AM</i>.</li> </ul> </li> </ul> <p>For more information, see <i>Setting Up Inspections for a Permit Type</i> under the topic <i>Setting Up Permit Types</i>.</p> <ul style="list-style-type: none"> <li>○ ETA: Shows the expected time of arrival of the inspector, if the inspector has updated the information. <p>This field is not visible if the value is not updated.</p> <ul style="list-style-type: none"> <li>○ The method of scheduling such as Interactive Voice Response (IVR), manual, automatic, online (from a public user), data migration, or upgrade.</li> <li>○ The name of the person who created the inspection and the date.</li> <li>○ Name of the person who last updated the schedule and the date.</li> </ul> </li> </ul> <p>For more information about inspection schedules, see <i>Requesting Inspections</i>.</p>
<b>Result</b> section	<p>Review the inspection results, rating, score, and number of major violations of completed inspections.</p> <p>For more information about results, see <i>Viewing Inspection Results</i>.</p>
<b>Contact</b> section	<p>Review the contacts, including the assigned inspector, and the location contact and phone number, email address, or a text message. Any comments added by the requester during scheduling appear in this section.</p>
<b>Signature</b> section	<p>View the signatures added when the inspection is complete in the Oracle Inspector mobile application. Signatures are required depending on the inspection setup.</p>

- To view a report of the inspection summary, click **View Summary Report**.
- To access other details about the permit, click the permit number link under the Inspection heading. For more information, see *Working with Permit Details*.

## Recording Time for Inspections

Agency staff can use the Time Recording page to record the time they spend on inspections. For more information, see *Adding Time Entries*.



## Viewing Inspection Documents

You view documents attached to the inspection at the inspection, checklist, or checklist item levels. The documents are for reference after the inspector added them during the inspection using the Oracle Inspector mobile application.

You view documents attached to the inspection at the inspection, checklist, or checklist item levels on the inspection attachments page.

1. Select the **Permits** tile on the Agency Springboard.
2. Click the row for a permit application to access the details.
3. Click the **Inspections** menu item in the left panel.
4. On the Inspection List page, click the **View Details** button to access the details for the selected inspection.
5. Click the **Attachments** menu item in the left panel to review the following information on the Attachments page:

Page Element	Description
<b>File Information</b>	View the following information in the <b>File Information</b> column: <ul style="list-style-type: none"> <li>○ File name with file type extension</li> <li>○ <i>File Size</i></li> <li>○ <i>Uploaded By</i> user name</li> <li>○ <i>Uploaded On</i> date</li> </ul>
<b>Description</b>	View the description of the attachment as entered by the person who added the attachment.
<b>Source</b>	View the level at which the document was added. In the Oracle Inspector mobile application, inspectors can add documents at the inspections level, at the checklist level, and at the checklist item level.
<b>Reference</b>	View the checklist name and checklist item name associated with the document, if applicable.
<b>Actions</b>	Click the actions icon to select and perform an action: <ul style="list-style-type: none"> <li>○ <i>View Details</i> - Open the details modal page to view the attachment details.</li> <li>○ <i>Download</i> - Click to save the document to your computer.</li> </ul>

6. Click the **Filter By** button to view attachments filtered by these fields:
  - File Name
  - Description
  - Uploaded By
  - Uploaded On

- o Source
- o Checklist
- o Checklist Item

7. To find a specific attachment, you can enter values in the search field.

*Related Topics*

- [Working with Attachments](#)

## Viewing Inspection Results

The inspector performs an inspection by assessing whether building requirements for the permit have been met. This topic discusses how results are calculated when using automatic calculation.

The inspector evaluates a building site for adherence to codes and regulations required for a permit. The agency can setup up inspections to use manual scoring or automatic score calculation with the bottom up scoring method. Scoring bottom to top indicates that the inspector starts with a zero score and adds points for each criterion that is met. The higher the score, the better the results.

A permit might require one or more inspections, each inspection might have one or more checklists, and each checklist might have checklist items or not, depending on the inspection configuration. The inspector performs an inspection by assessing the checklist items, if any, then checklists, and up to the inspection level. The evaluation results that the inspector enters are rolled up to the next level until final inspection results are calculated.

At the end of an inspection, comments and the final assessment determined during the inspection are displayed in the permit details for the agency staff and the permit applicant, on a desktop or laptop. Review these permit pages:

- Overview page
- Inspection List page
- Inspection Detail page

You can both submit and review inspection results for your inspections on your mobile device in Oracle Inspector. For more information, see [Submitting Inspection Results](#).

Page Element	Description
<b>Result</b>	View the final result of the inspection based on the passing rule defined by your agency. If scoring is used, the result appears after you complete the inspection checklists and submit a complete inspection with required signatures. If scoring is not used, the result displayed is the result you enter manually.
<b>Rating</b>	View the inspection rating, which is based on the range of scores defined by the agency.
<b>Score</b>	View the inspection score, if scoring is used, as defined on the inspection type by the agency. The score is calculated from your entries for the checklist items.
<b>Major Violation</b>	Identify the number of major violations on the inspection.

For more information about the pages used to set up the inspection evaluation calculations, see the *Implementing Permitting and Licensing* guide.



# 10 Using Oracle Inspector

## Security Details for Using Oracle Inspector

This topic describes important security roles, requirements, or considerations specific to using Oracle Inspector.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Building Inspector	Perform building inspections using the permits inspection app. User also needs to be registered in Agency Mobile Setup.	PSC Building Inspector
PSC Inspections Supervisor	Manages the workflow and people to get through inspection jobs everyday. Keeps track of inspectors, districts, and workload.	PSC System Administrator

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Overview of Mobile Oracle Inspector for Permits

Use the Oracle Inspector mobile application to manage a variety of property inspections for permits on a daily basis.

Oracle Inspector provides government field staff the ability to enforce code compliance using productivity tools to perform and report on inspections from a mobile device.

Before you begin, you must download the Oracle Inspector application for your mobile device from the iOS App Store for Apple iOS devices or Google Play for Android devices. For information about installing the application and configuring the agency's host URL, see [Installing and Configuring Oracle Inspector](#).

**Note:** Agency administrators must explicitly grant mobile application access to the necessary agency user roles before you can install and configure Oracle Inspector. For more agency setup information, see [Setting Up Users for Oracle Mobile Applications](#).

## Installing and Configuring Oracle Inspector

You must install and configure the Oracle Inspector to use the mobile inspections application in the field.

Oracle Permitting and Licensing provides a mobile inspections application for agency staff to download and install on their mobile devices. The Oracle Inspector mobile application is not intended for use by the public. Although the Oracle Inspector mobile application is intended mainly for phones, you can download the application to other mobile devices, such as tablets.

## Before You Begin

Before you begin installing and configuring the Oracle Inspector mobile application, you must have:

- An agency staff profile

Make sure that you have an agency staff profile to log into the mobile application. Because the application package configuration is secure, you must enter your login credentials before the environment begins to download. Agency administrators set up the agency staff profiles.

- Appropriate security

Agency administrators must explicitly grant mobile application access to you. You can open the application but need the proper credentials. The only roles that have access to the mobile application are building inspector and inspector supervisor.

For more information for agency system administrators setting up profiles and security, see [Setting Up Users for Oracle Mobile Applications](#).

## Installing Oracle Inspector

You must install the Oracle Inspector mobile application on your mobile device from the iOS App Store for Apple iOS devices or Google Play for Android devices. Follow the instructions for installing Oracle Inspector provided by the application store.

## Configuring the Oracle Inspector Environment

1. On your mobile device, access the email that you have received from your administrator and click the *Mobile Application Activation* link.
2. Click the **Agree** button on the End User License Agreement page the first time you open Oracle Inspector or when you reinstall the mobile application.

You must agree to proceed to the next step.

3. The confirmation page appears with the Application Host URL automatically populated. Click the **Get Started** button.
4. Because the application package configuration is secure, you must enter your login credentials before the environment begins to download. Enter your user ID and password.
5. Select the **Save user ID** check box, if desired. The next time you return after logging out, you don't have to reenter your user ID.
6. After your login credentials are successfully authenticated, the setup page appears with a progress bar displaying the progress of the package download.
7. After installation completes, the application home page – Inspection Tasks – appears for the current day.

For more information about inspection tasks in Oracle Inspector, see [Viewing Inspection Tasks](#).

## Resetting the Application Host URL

If you want to reset the application host URL after you've already installed the mobile application and entered the URL in the configuration, you must remove and reinstall the mobile application.

## Viewing Inspection Tasks

Assigned inspections for the day as well as overdue tasks appear in a list on the home page when you open the Oracle Inspector mobile application. From here you can manage and perform inspections.

Inspectors and inspector supervisors can view a list of inspections assigned to themselves on the My Inspections tab or all inspections including those assigned to other inspectors on the All Inspections tab. The calendar provides access to the inspections scheduled for a specific date and includes incomplete inspections from prior days. To access the Inspection Details page and perform the tasks associated with the inspection, click an inspection in the list.

On the Inspection Tasks page, inspectors can:

- View the daily job list for inspections assigned to them on a calendar or map.
- View property address, inspection type, permit type, permit ID, and permit status for each inspection.
- View the inspection status and results for completed inspections.
- View overdue inspections that were incomplete on the scheduled day.
- Identify inspections with conditions or restrictions.
- Access inspection details and checklists for performing the inspection.
- Search and sort by fields in the displayed inspections.
- Select multiple inspections to provide results.

The Inspection Tasks page, which includes the **My Inspections** and **All Inspections** tabs, provides a daily calendar view with inspections organized by scheduled date and time. Overdue inspections from previous days appear at the top of the list in a collapsible section.

This example on an iPad illustrates an inspector or inspector supervisor's view of the Inspection Tasks home page containing the fields described in the surrounding text. The list of overdue inspections is collapsed.

< ☰ ORACLE®
Inspection Tasks 📍

My Inspections
All Inspections

<
>

**Tuesday, August 30, 2022** 📅  
6 total tasks

**There are 2 overdue tasks**

▼

☰



Search
×

↕ ▼

1:00 AM	<b>4292 Rhode Island Avenue RIA HANNA, US-UT 84031</b> <small>MBL_INSTYPE_2 Description</small> BENGRGRID6 11   In Process	<b>Scheduled</b> <span style="color: green;">MBLPass</span>
3:00 AM	<b>4292 Rhode Island Avenue RIA HANNA, US-UT 84031</b> <small>MBL_INSTYPE_3 Description</small> BENGRGRID6 9   Withdrawn	Canceled
5:00 AM	<b>4292 Rhode Island Avenue RIA HANNA, US-UT 84031</b> <small>MBL_INSTYPE_4 Description</small> BENGRGRID6 9   Withdrawn	Canceled
4:00 PM	<b>WHITEHALL PL ALAMEDA, US-CA 94501</b> <small>MBL_INSTYPE_1 Description</small> VKTESTRCFPermit 14   Submitted	<b>Scheduled</b>



You can use the calendar icons to navigate to inspections for a specific date:

Page Element	Description
	Click to open a calendar where you can navigate to a specific date to see the inspections scheduled for the day.
	Click the icons to navigate to the previous day and next day, where you can see the inspections scheduled for the day.

You can also search and sort fields in inspections displayed on the calendar. In the search field, enter alphanumeric text to filter the inspections. Click the **x** to clear the text. Click the sort icon to sort alphanumerically by an inspection field that you select, including Address, City, Inspection Type, Inspector, Inspection Type, Permit Type, Result, and more.

Each inspection in the task list may include this information:

Left Column	Middle Column	Right Column
<p>Time using 12-hour clock</p> <p>AM or PM</p> <p><i>Overdue</i> indicates that the inspection was not completed on the scheduled day.</p>	<p>Summary of Assigned Inspection:</p> <ul style="list-style-type: none"> <li>Property Location</li> <li>Inspection Type</li> <li>Assigned to <i>&lt;Inspector Name&gt;</i> (on All Inspections tab only)</li> <li><b>Assign to me</b> link (on All Inspections tab only)</li> <li>Permit Type and Condition icon</li> <li>Permit ID and Permit Status</li> </ul>	<p>Inspection Status - For example, <i>Scheduled, Completed, or Canceled.</i></p> <p>Results for Completed Inspection:</p> <ul style="list-style-type: none"> <li><b>Result</b> - For example, <i>Pass.</i></li> <li><b>Rating</b> - The grade. For example, <i>A.</i></li> <li><b>Score</b> - The overall total score of the inspection. For example, <i>100.</i></li> </ul> <p><b>Note:</b> Values for inspection results are configured by the agency.</p>

If there's a condition on the permit, the icon for the most severe condition is displayed. For example, if three conditions have been applied, including Notice, Hold, and Lock, the Lock icon is displayed. For more information, see [Working with Conditions](#).

Inspector supervisors or inspectors can view inspections assigned to other inspectors on the **All Inspections** tab as well as claim a scheduled inspection assigned to another inspector.

If the link is available, you can click **Assign to me** to claim an inspection assigned to another inspector listed on the **All Inspections** tab. The inspector who claims the inspection must have the Building Inspector job function with district and inspection type job attributes that match the inspection's district and type attributes. When an inspector claims the inspection, they can also select a new inspection date and time. If the Inspection Rescheduled communication event and template are configured by your agency, the system generates a notification when you reschedule the inspection.

You can begin the process of providing results for a group of inspections from a central location by clicking the **Selected**

**Inspections** icon: 

For information about submitting inspection results for a single inspection through its Inspection Details page, which you access by clicking an inspection on the Inspection Tasks page, or for multiple inspections by selecting multiple inspections on the Inspection Tasks page, see [Submitting Inspection Results](#).

## Working with Overdue Inspections


Permit inspections that are not completed on the scheduled day appear as overdue in a collapsible section at the top of the inspections task list starting the next day. A banner above the task list displays the number of overdue inspections.

Overdue inspections are calculated based on the current date. Any incomplete inspections prior to today are considered overdue. However, if you're looking at the task list for the original date the inspection was scheduled, it won't appear as overdue.

Inspectors and supervisors can perform overdue inspections at any time by clicking the task. Completing the inspection moves it back to the scheduled date in the task list, and the date of completion is displayed on the Inspection Detail page.

## Opening the Map View

Use the map icon on the My Inspection Tasks page to view the locations of inspections scheduled for the day.

The map view icon looks like this: 

In addition to an interactive map, the map view includes the inspection name, inspection number, property address, and scheduled date and time of the inspection.

You can also view a map of the selected property from the Inspection Detail page.

## Managing Scheduled Inspections

In the Oracle Inspector mobile application, inspector supervisors and building inspectors can add inspections for a permit as well as update and cancel scheduled inspections while they're in the field.

If you're assigned to an inspection for a permit, you can add a new inspection that's assigned to you and scheduled by you for the same permit.

You can manage inspections regardless of the schedule change policy and scheduling cut-off times defined by your agency in the mobile application only.

The mobile application can be online or offline when you add, update, or cancel an inspection. For more information about working offline, see [Performing Offline Mobile Inspections](#).

A few restrictions to adding inspections or providing results may apply:

- Conditions on the permit can prevent you from adding an inspection and providing inspection results. They can also prevent you from adding or proceeding with a final inspection.
- Agencies may also only allow inspections to be performed after prerequisite inspections are completed. You'll receive a warning when you add or assign an inspection with prerequisite inspections that haven't passed or been corrected, but you can override the requirement.
- Before scheduling the final inspection, inspectors must complete all other required inspections with a passing or corrected result.

If an inspection type is defined as required in the inspection group, but you turn off the **Required** switch when the inspection is created, then it's no longer considered a required inspection when completing the final inspection.

For more information, see *Working with Conditions* and *Setting Up Inspection Groups*.

## Adding an Inspection in Oracle Inspector

You can use the **Add Inspection** action to create an inspection for a permit from any inspection assigned to you. You can't create an inspection if the permit is completed, canceled, withdrawn, or denied.

Here's how to add an inspection:

1. Select an inspection in the calendar to open the Inspection Details page.

The inspection can have a *Scheduled*, *Completed*, or *Canceled* status.

2. Click the three-dot **Actions** menu at the bottom of the page.
3. Click the **Add Inspection** link.

The Request page opens, displaying the same permit and permit type as for the original inspection.

4. Click the **Show All Inspection Types** check box to view the agency's available inspection types. You can select any inspection type, including those that aren't in the inspection group for the permit type.
5. Select an inspection type from the drop-down list.
6. Turn on the **Pending** switch if this is a placeholder inspection. This switch is only available if set up by your agency. Pending inspections won't show up in Oracle Inspector. You can create a pending inspection even if conditions have been applied to the permit.
7. Click **Continue**.

**Note:** You can't continue if a Prevent Inspection Schedule or Prevent Final Inspection condition has been applied to the permit. In addition, if your agency supports pending inspections, the system prevents you from creating a new or duplicate inspection when an inspection of the same type is already pending. You can schedule the existing pending inspection.

8. Add comments and update other available fields. This is optional.
9. Assign the inspection to yourself by turning on the **Assign to me** switch. When this option isn't active, you are required to be the assigned inspector. The setting is based on the scheduling method your agency sets up for the inspection type.

Your supervisor assigns the inspection using the Inspections console page or the Supervisor Calendar if you don't assign the inspection to yourself.

The **Assign to me** switch is not available when you turn on the **Pending** switch. In this case, the inspection is neither assigned nor scheduled.

10. Enter values in the date and time fields.

Depending on the scheduling method set up by your agency, you must enter either the **Preferred Date** and **Preferred Time** or the **Ready By Date** and **Ready By Time**. Inspections with these dates and times are scheduled by inspection supervisors using the supervisor calendar.

If the **Assigned to me** switch isn't available, you are required to be the assigned inspector and you must enter the date and time of the new inspection. When you add a pending inspection, the assignment switch and as well as the date and time fields aren't available,

11. Click **Submit**.

If the inspection is assigned to you, you'll see the new inspection on your calendar. Only assigned inspections appear in the mobile application.

When you're working offline, you won't be able to access the inspection details until you're back online, the data is passed to the agency server, and the new inspection ID is generated.

For more information about scheduling methods used in mobile inspections, see [Setting Up Inspection Types](#).

## Viewing or Updating an Inspection Schedule in Oracle Inspector

You can update an inspection, regardless of the schedule change policy and scheduled cutoff time. The assigned inspector and inspection supervisor are the only people who can update the inspection schedule without these restrictions. If the inspection has a *Canceled* or *Completed* status, you can still view the schedule details.

Here's how to view or update an inspection schedule:

1. Select an inspection in the calendar to open the Inspection Details page.  
You can only update inspections with a *Scheduled* status.
2. Click the three-dot **Actions** menu.
3. Click the **View Schedule** link.
4. The Inspection page opens, where you can update information such as the inspection location, location contact, contact method, and comments.
5. You can also turn on the **Assign to me** switch to claim another inspector's inspection, if the inspection is eligible to be claimed.
6. Select a new date and time to reschedule the inspection.
7. Click the **Cancel Inspection** button to cancel the inspection permanently.
8. Click **Submit**.

The updated inspection appears on the Inspection Detail page and on the inspection in the calendar.

## Claiming an Inspection

An inspector can claim a scheduled inspection assigned to another inspector when the inspection isn't yet complete and certain criteria are met. The inspector who claims the inspection must have the Building Inspector job function with district and inspection type job attributes that match the inspection's district and type attributes.

When an inspector claims the inspection, they can also select a new inspection date and time. If the Inspection Rescheduled communication event and template are configured by your agency, the system generates a notification when you reschedule the inspection.

Here's how to claim an inspection:

1. Select an inspection on the **All Inspections** tab in the calendar to open the Inspection Details page.
2. Click the **Assign to me** link next to the assigned inspector's name or in the menu accessed by clicking the three-dot **Actions** button.
3. You can optionally reschedule the inspection by entering a new inspection date and time.
4. Click **OK**.

## Canceling an Inspection in Oracle Inspector

Inspection supervisors and the assigned inspector can cancel inspections with a *Scheduled* status. When you cancel an inspection, you can't restore it; the cancellation is permanent. However, you can add a new inspection for the same permit or view the inspection schedule details for the canceled inspection.

Here's how to cancel an inspection.

1. Select an inspection in the calendar to open the Inspection Details page.
2. Click the three-dot **Actions** menu.
3. Click the **Cancel Inspection** link.

You can also cancel the inspection by clicking the **View Schedule** link then clicking the **Cancel Inspection** button on the Inspection page.

4. On the Cancel Inspection page, enter a cancellation reason. Your agency may require comments, depending on settings in the agency options.
5. Click **Continue**.

The canceled status and any comments entered appear on the Inspection Detail page. The status also appears on the inspection in the calendar.



## Working with Inspection Details

In the Oracle Inspector mobile application, you view inspection details and initiate actions for performing inspections on the Inspection Detail page. You can also view and update inspection scheduling information, cancel the inspection, or add a new one.


Access the Inspection Detail page by selecting an inspection from the list on the Inspection Tasks page. On the detail page, you can:

- Review the inspection number, type, and its status.
- Locate the inspection site on a map.
- Access permit details associated with the inspection.
- Review the description of the permit.
- Identify the inspector and location contact.
- Locate the inspection site on a map.
- Review inspection status, rating, score, and number of major violations of completed inspections.
- Identify the inspector, location contact, and contact information.
- Read requester comments and special location instructions.
- Claim an inspection assigned to another inspector.
- Access the conditions applied to the permit.
- View and manage attachments for the inspection.
- Update your estimated time of arrival at the property.
- View and update, add, or cancel an inspection.
- View the cancellation reason for canceled inspections.
- View the inspection summary report for completed inspections.

This example illustrates the Inspection Detail page containing the field values described in the following table.

  Inspection Detail

BLDG-INSP-2022-00065 Scheduled  
107 Driveway

 1011 Lincoln Avenue  
ALAMEDA, California 94501

Created manually by Martha Paxton on 8/24/22

---

[RESADD-2022-00033](#) | Submitted  
Residential Addition

Wednesday, August 24, 2022, 12:00 PM  
1:00 PM - 5:00 PM  
ETA *Not set*

---

Assess Fee : No


---

Inspector **Tim Sandor**  
[Assign to me](#)


---

Location Contact **Anne Lewis**  
Email [anne.lewis@oracle.com](mailto:anne.lewis@oracle.com)


---

 **Conditions**


---

 **Attachments**


---

 **Comments**


---


 **Time Recording**

---

 Result Submit

You can view this information and perform these actions on the Inspection Detail page:

Page Element	Description
Inspection information section	View the inspection number, its type, and status such as, Scheduled, Canceled, and Completed.
	<p>Click the map icon to view the location of the property on a map.</p> <p>Review the following information:</p> <ul style="list-style-type: none"> <li>• Address of the inspection next to the map icon, along with any additional detail about the location.</li> <li>• The method of scheduling such as Interactive Voice Response (IVR), manual, automatic, online (from a public user), data migration, or upgrade.</li> <li>• The name of the person who created the inspection and the date.</li> </ul> <p><b>Note:</b> If the inspection is scheduled automatically or using IVR, no name is displayed.</p>
Permit information section	<p>Review the status of the permit.</p> <ul style="list-style-type: none"> <li>• Click the link to access the permit.</li> <li>• Permit status</li> <li>• Permit type</li> <li>• Permit description</li> <li>• Condition indicator</li> </ul> <p>If one or more conditions have been applied, you'll see an icon for the most severe condition and a link to access more condition information.</p>
Inspection schedule information section	<p>Review the following information:</p> <ul style="list-style-type: none"> <li>• Schedule of the inspection, including the expected time of arrival (ETA) that you selected using the <b>Update ETA</b> action. If the inspection is resulted, then the result is displayed.</li> <li>• Cancellation date and reason, if the inspection was cancelled and comments were added. Comments may be optional depending on the agency setup.</li> <li>• <b>Assess Fee</b> – The Yes or No value is determined by the details selected by the inspector on the Result Inspection page. This option is displayed only if your agency has set up the inspection type to display the field.</li> </ul>
Contact information section	<p>Review the contacts, including the assigned inspector, the location contact, phone number, and email address or a text message. Also view any comments added by the requester during the inspection scheduling.</p> <p>The <b>Assign to me</b> link is available to claim another inspector's inspection if the inspection is scheduled and the inspector who claims the inspection has the Building Inspector job function with district and inspection type attributes that match the inspection's district and type attributes..</p>
<b>Checklists</b>	View the number of checklists to complete for the inspection.

Page Element	Description
	<p>Click to open the Inspection Checklist page. From here you have access to the inspection checklist items.</p> <p><b>Note:</b> You can't work with checklists if there's a condition on the permit that prevents the final inspection or prevents inspection results.</p>
<p><b>Conditions</b></p>	<p>View the number of conditions applied to the permit.</p> <p>Click the link to open the Conditions page, where you can view the summary of the conditions applied to the permit.</p> <p>For more information about conditions on permits, see <a href="#">Applying Conditions to Applications</a>.</p>
<p><b>Attachments</b></p>	<p>View the number of documents attached to the inspection.</p> <p>Click to open the Attachments page, where you can review or upload attachments or documents related to the inspection, such as videos or annotated photos. The maximum file size you can upload in the mobile app is 25 MB.</p> <p>On the Attachments page, you can also search for, filter, and sort attachments and select which inspection attachments you want to view. You can choose to view all attachments, inspection-level attachments, checklist attachments, or checklist item attachments.</p>
<p><b>Comments</b></p>	<p>Click to open the Comments page. Review or add comments related to the inspection.</p> <p>Inspector comments are visible to the public unless the agency selects an option to hide them.</p> <p>Go to the Inspection Checklist and Checklist Items pages to view the comments made for checklists and checklist items.</p>
<p><b>Time Reporting</b></p>	<p>Click to open the Time Reporting page, where you can view and filter time entries associated with the inspection. From here, you can add entries to record the amount of time you spend on various activities. For more information, see <a href="#">Reporting Inspection Time</a>.</p>
	<p>Click the three-dot <b>Actions</b> icon at the bottom of the page to do the following:</p> <ul style="list-style-type: none"> <li>• <b>Update ETA</b> – Add your estimated time of arrival at the property using the Estimated Time of Arrival page. You can use the <b>Delete</b> button to delete the previously entered values. The options on the page are determined by the timeframe settings on the Permit Type page.  You can set up automatically generated notifications when ETA is updated using the Inspection ETA Update communication event.</li> <li>• <b>View Schedule</b> – View the inspection schedule details for an inspection in any status. You can update the inspection time and date as well as other fields when the inspection has a <i>Scheduled</i> status.</li> <li>• <b>Assign to Me</b> – Claim a scheduled inspection assigned to another inspector, if the inspection is qualified.</li> <li>• <b>Cancel Inspection</b> – Cancel an inspection with a <i>Scheduled</i> status.</li> <li>• <b>Add Inspection</b> – Add an inspection for the same permit. This action is available on inspections with a <i>Scheduled</i> or <i>Canceled</i> status. When the permit status is <i>Withdrawn</i> or <i>Completed</i>, you will no longer be able to add new inspection.</li> </ul>



Page Element	Description
	<ul style="list-style-type: none"> <li>• <b>View Summary Report</b> – View the inspection summary report. This action is available on completed inspections.</li> </ul> <p>For more information about the <b>View Schedule</b>, <b>Assign to me</b>, <b>Cancel Inspection</b>, and <b>Add Inspection</b> actions, see <i>Managing Scheduled Inspections</i>.</p>
<b>Result</b>	<p>Click this button to open the Inspection Result page, where you can view the overall inspection results. You can also add comments, attachments, and required signatures before submitting the results.</p> <p>Before you can provide results for the final inspection, you must complete all other required inspections with a passing or corrected result.</p> <p>Turn on the <b>Assess Fee</b> switch to charge a fee for the inspection. For more information about assessing fees, see <i>Submitting Inspection Results</i>.</p> <p><b>Note:</b> This button isn't active if the checklist results are not completed or if there's a condition on the permit that prevents the final inspection or prevents inspection results.</p>
<b>Submit</b>	<p>Click this button to submit the result, which changes the inspection status to completed. This button is available after the results have been provided.</p> <p>After an inspection is submitted, you can select the View Summary Report link in the <b>Action</b> menu on the Inspection Detail page.</p>

## Viewing the Mobile Permit Summary

You view a permit summary in the Oracle Inspector mobile application on the Overview page, where you get a snapshot of information regarding a permit with links to more detail.

For more information about the Overview page and its functionality on a laptop or desktop computer, see *Viewing the Permit Summary*.

To open the Overview page in the inspection app, click the permit ID link under the inspection type on the Inspection Details page. When you access the Overview page through the mobile app, you can:

- Review a summary of property, applicant, workflow, and inspections information.
- View a description of the permit.
- Print the building permit.
- Access project and fee details.

If the permit application is associated with a project or there are fees and payments, you can click the information that is displayed on the Overview page to access details. You can also access project and fee details by using the navigation menu located on the page title.

This example illustrates the Permit Overview page in the Oracle Inspector.

The screenshot shows a mobile application interface for a permit. At the top, there is a dark header with a back arrow, a menu icon, and the word "Permit" with a dropdown arrow. Below the header, the permit ID "RESADD-2020-00025" is displayed in a light grey bar, with the text "Residential Addition" below it. To the right of the permit ID is a teal button labeled "Inspection".

The main content area is divided into several sections, each with a title and a horizontal line below it:

- Property:** A blue location pin icon is followed by the address "1217,WALNUT ALAMEDA,California,94501".
- Issue Date:** The date "5/19/20".
- Expiration Date:** The date "5/19/21".
- Description:** The text "Apply for Residential Addition permit" with a pencil icon to its right.
- Primary Contact:** The name "Peter Skate".
- Workflow:** The text "Approve Final Inspection", "Status In Progress", and "Last Updated 5/19/20".
- Fees and Payments:** The text "Total Payable" followed by "26,700.00 USD" and a small downward arrow.

At the bottom of the screen, there is a light grey bar with the text "Print Permit" centered.

## Working with Conditions

You can view, apply, and resolve conditions on permits in the Oracle Inspector mobile application on the Conditions page.

When you access the Conditions page by clicking the **Conditions** button on the Inspection Details page in the mobile application, you can:

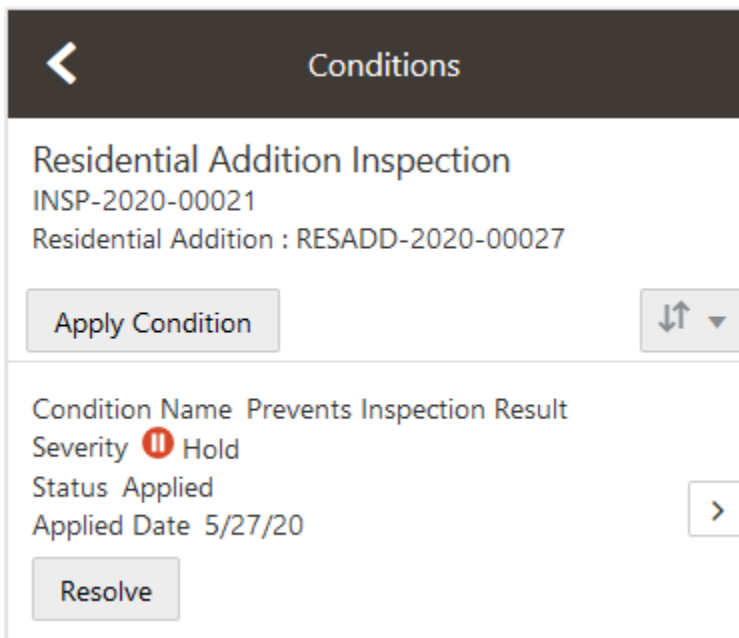
- Review existing conditions applied to the permit.
- Review condition details.
- Resolve existing conditions.
- Apply new conditions.


Conditions on the permit can prevent you from scheduling an inspection and providing inspection results. They can also prevent you from adding or proceeding with a final inspection.

If conditions have been applied to a permit, an icon appears on various pages to indicate the type of condition, such as lock, hold, or notice. If there are multiple conditions applied to the permit, the most severe condition is displayed. You can see which conditions have been applied in the condition details.

For more information about conditions, see [Applying Conditions to Applications](#).

This example illustrates the Conditions page containing the field values described in the following table.



Page Element	Description
<b>Apply Condition</b>	Click this button to add a new restriction to the permit. See <a href="#">Applying Conditions to Applications</a> .
<b>Resolve</b>	Click this button to resolve the restriction that was applied to the permit.
	Click the detail icon next to the condition in the list to access condition details. You can resolve the condition on the details page.

## Types of Permit Inspection Conditions

Three types of conditions apply specifically to permit inspections:

- *Prevent Inspection Schedule*
- *Prevent Inspection Result*
- *Prevent Final Inspection*

Agency staff applies the *Prevent Inspection Schedule* condition to prevent the inspector from adding an inspection.

When agency staff applies the *Prevent Inspection Result* condition on the permit, the inspector can't click the **Result** button on the Inspection Detail page to finalize the results of any type of inspection. You also can't work with the checklist.

When agency staff applies the *Prevent Final Inspection* condition, the inspector can't add an inspection, provide results for items in the checklist, or click the **Result** button on the Inspection Detail page to finalize the results. The condition can be applied at any point in the permit process except on complete or canceled permits.

You can, however, add a pending or placeholder final inspection if the agency has enabled pending inspections for permits. To add a pending final inspection, you turn on the **Pending** switch on the Request page when adding the inspection. The condition prevents inspection supervisors from assigning or scheduling the inspection until the condition is resolved.

## Reporting Inspection Time

You can record the time that you spend working on inspections for the purposes of billing and reporting on the Time Reporting pages in the Oracle Inspector mobile application.

Access the Time Reporting pages by clicking the **Time Reporting** button on the Inspection Details page. Here you can:

- View and sort time entries for an inspection.
- View time entry details.
- Enter time for an activity.
- Delete time entries.

When you add a time entry on the Time Details page, you record the duration of the activity, whether the time is billable, and comments.

For more information about time reporting, see [Adding Time Entries](#).

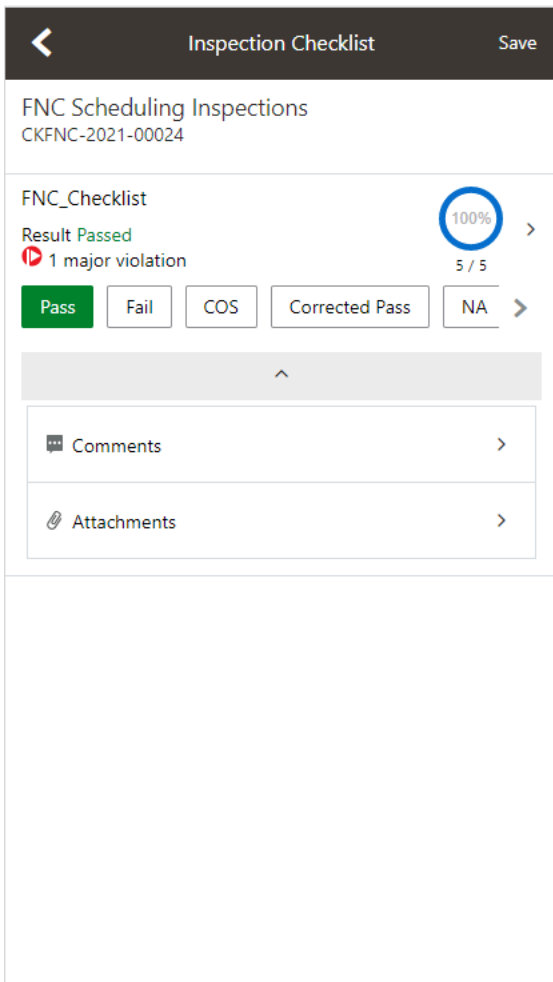
## Using Inspection Checklists

An inspection can have one or more checklists that cover the scope of the codes and requirements. Depending on the permit requirements, an inspection may have checklists with one or more checklist items, or none at all. You work through the checklists and provide inspection results on the checklist pages in the Oracle Inspector mobile application.

To access the checklists, click the **Checklist** button on the Inspection Detail page. When you're performing an inspection, you can do the following at the checklist level:

- View results progress, if the inspection has checklist items.
- Access checklist items.
- Provide a result for the checklist.
- Review or add checklist attachments.
- Review or add checklist comments.

This example illustrates the Inspection Checklist page containing the field values described in the following table.



**Note:** You must complete the inspection checklists and checklist items before you can submit the result for the overall inspection.

Page Elements	Description
Checklist	Click the checklist row to open the Checklist Items page.

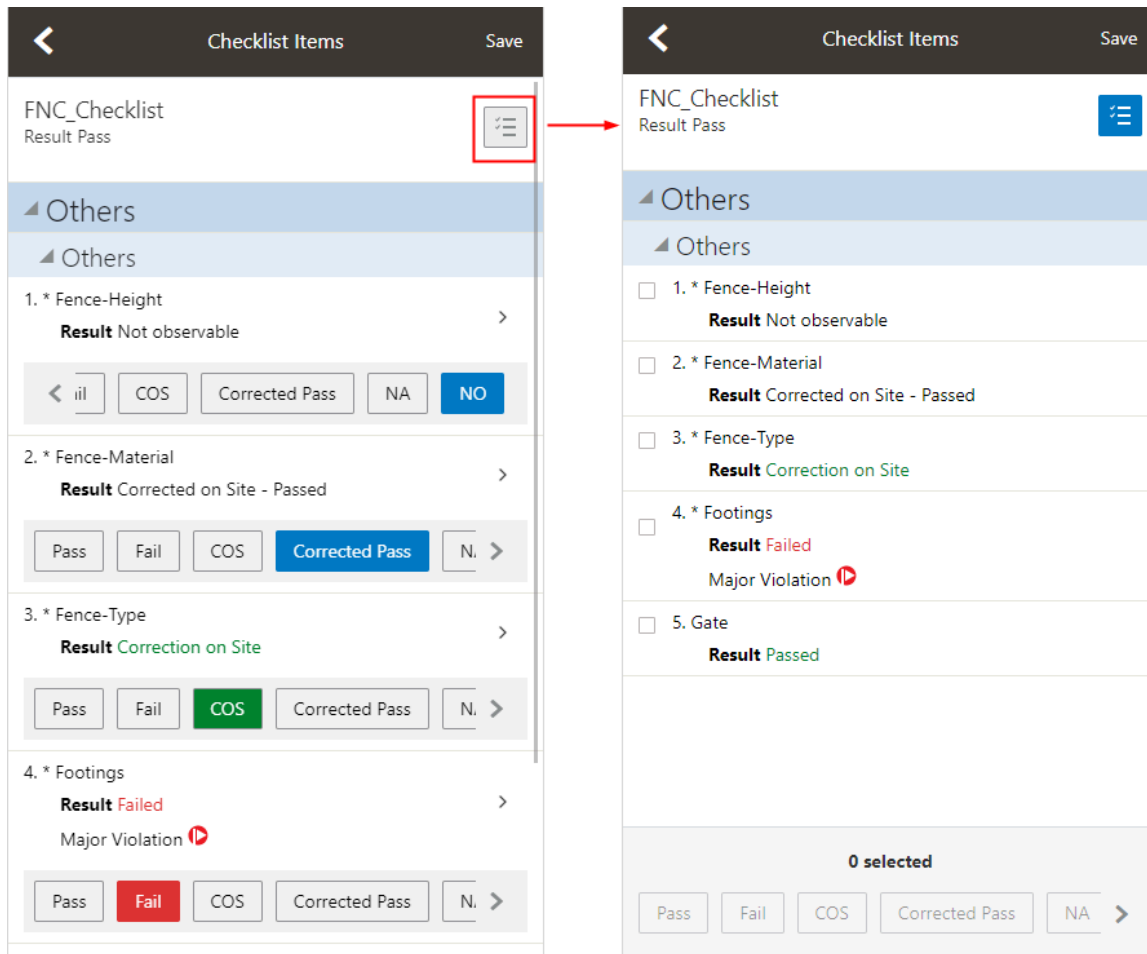
Page Elements	Description
<b>Result</b>	<p>Results are defined by the agency. Common results are Pass, Fail, Corrected on Site (COS), Not Applicable (NA), and Not Observed (NO).</p> <p>If the inspection was set up by the agency to use scoring, the system automatically populates the result based on the scoring method. If scoring is not used, the inspector must manually add the result.</p> <p><b>CAUTION:</b> You can't update the inspection result on the checklist items, checklists, and inspection when a condition to prevent the inspection result has been applied. You must resolve the issue first and when necessary, reschedule the inspection. Before you can update the inspection result on a final inspection all of the required inspections for the permit must be complete with a passing or completed result.</p>
Progress indicator	Displays percentage in a progress ring and count how many of the checklist items have been evaluated.
<b>Comments</b>	Click to open the Comments page for the checklist level. Review or add comments related to the checklist.
<b>Attachments</b>	<p>View the number of documents attached to the inspection.</p> <p>Click to open the Checklist Attachment page, where you can review or upload attachments or documents related to the inspection checklist, such as videos or annotated photos. The maximum file size you can upload in the mobile app is 25 MB.</p> <p>Here you can search for, filter, and sort attachments and select which inspection attachments you want to view. You can also choose to view all attachments, inspection-level attachments, checklist attachments, or checklist item attachments.</p>

## Working with Checklist Items

To drill down to checklist items, select a checklist on the Inspection Checklist page. On the Checklist Items page, you can:

- View a list of checklist items.
- Enter a result for each checklist item.
- Click a checklist item to access the Checklist Item Results page.

This example illustrates the Checklist Items page.



Select a result for each checklist item. When you choose a failing result for a checklist item, the Checklist Item Result page opens so that you can add comments and attachments as support documents for the failing result. For information about comments and attachments, see the information about comments and attachments at the inspection and checklist levels.

You can also select a result for multiple checklist items by using the **Edit button**. In this case you must assign the same result to all of the selected items.

Click the checklist item row to open the Checklist Item Result page.

On the Checklist Item Result page, you can:

- Review or add checklist item attachments.

**Note:** The maximum file size you can upload in the mobile app is 25 MB.

- Review or add checklist item comments.
- Scroll through the item results.

This example illustrates the Checklist Item Result page described in the surrounding text.

The screenshot displays the 'Checklist Item Result' screen in a mobile application. At the top, there is a dark header with a back arrow, the title 'Checklist Item Result', and a 'Save' button. Below the header, navigation options include '< Previous', '1 / 5', and 'Next >'. The main content area shows 'FNC\_Checklist' and 'Others - Others'. A specific checklist item, '1. Fence-Height', is highlighted. Underneath, a section titled '\* Result' contains five buttons: 'Fail', 'COS', 'Corrected Pass', 'NA' (which is highlighted in blue), and 'NO'. Below the result buttons, there are two sections: 'Comments (0)' with a speech bubble icon and 'Attachments' with a paperclip icon. The text 'There are no comments entered.' is displayed under the comments section. At the bottom of the screen, there is a button labeled 'Add Comment'.

## Submitting Inspection Results

You can submit inspection results to complete assigned inspections one at a time through the inspection's detail pages or submit multiple inspections at once by selecting inspections on the Oracle Inspector mobile app home page.

Whether you complete an individual inspection by accessing the Inspection Result page from the inspection's detail page or you provide results for one or more inspections that you selected on the Inspection Tasks page, the information needed to complete the inspections before you submit the results is the same. Here's how to complete your inspections:

- Review calculated inspection results or provide an overall inspection result.
- Indicate whether a fee should be assessed for the inspection or inspections.
- Capture the inspector, contractor, and property owner signatures.
- Add inspection comments and support documents as attachments.
- Submit the inspection or inspections.

**Note:** Inspectors can't submit a completed inspection if required comments or signatures are missing. You must also complete all checklists and resolve any permit conditions that affect the inspection.



Your agency determines whether comments are required in the agency-level permit options during the implementation of Oracle Permitting and Licensing. Comments can be optional, required for all results and cancellations, or required for failed results and cancellations.

Your agency decides which signatures are required for each inspection type.

Your agency can also configure the system to send out notifications when an inspection is complete or the final inspection has passed. For more information, see "Sending Notifications" in this topic.

## Completing an Inspection in the Inspection Details

Here's how to complete an inspection by providing information on the inspection's Inspection Detail page:

1. On the Inspection Tasks page, click inspection you would like to complete.
2. Click the **Result** button on the Inspection Detail page.

Before you can provide the overall inspection result, you must provide results for the checklists and resolve conditions on the permit.

3. Enter the information required to submit the inspection on the Inspection Result page.

This example on a phone illustrates the Inspection Result page, which is described in the table that follows. The inspection results are complete with the required signature, but not submitted. The option to assess a fee is active.

The screenshot shows a mobile application interface for an inspection result. At the top, there is a dark header bar with a back arrow on the left, the title "Inspection Result" in the center, and a "Save" button on the right. Below the header, the inspection details are displayed: "Electrical Inspection" and "INSP-2021-00003". A horizontal line separates this from the results section, which shows "Result Pass" in green and "Score 100". Another horizontal line follows. Below that is a toggle switch for "Assess Fee", which is currently turned on (blue). Below the toggle are two menu items: "Comments" and "Attachments", each with a right-pointing chevron. A grey bar with the text "Provide Signature Below" is next. Underneath, the inspector's information is shown: "\* Inspector: Martha Paxton" and "Signed on: 2/18/21 3:41 PM", accompanied by a handwritten signature and a right-pointing chevron. Below this are two more menu items: "Contractor:" and "Owner:", each with a right-pointing chevron. At the bottom of the screen is a large blue button labeled "Submit".

### Elements on the Inspection Result page

Page Element	Description
<b>Result</b>	Depending on the method used to calculate the results, the system may automatically calculate the final result based on checklist results or you can select a passing or failing result.
<b>Assess Fee</b>	Turn on the <b>Assess Fee</b> switch to indicate that a fee should be assessed. If fee assessment is configured by your agency and this switch is turned on, the system calculates the fee and charges it back to the permit applicant when you submit the inspection. For more information, see the "Assessing Fees" section in this topic.
<b>Comments</b>	Click to add comments.
<b>Attachments</b>	Click to add attachments.
Signatures section	Click the row for <b>Inspector</b> , <b>Contractor</b> , or <b>Property Owner</b> to access the field for adding a signature. Click <b>Save</b> to submit the signature. You must also add the names of contractors and property owners when they add their signatures.

4. Click **Submit**.

**Note:** You can't submit a completed inspection if required comments or signatures are missing.

## Completing Multiple Inspection Tasks

Inspectors and inspector supervisors can provide results for multiple inspections from a central location in the Oracle Inspector mobile application without first navigating to the inspection details page then to the Inspection Result page for each inspection.

Here's how to provide results for multiple inspections:

1.

On the Inspection Tasks page, click the **Selected Inspections** icon:



2. Select the check boxes for the inspections that you want to provide results for.

You can only provide results for inspections that are assigned to you or you have the appropriate permissions. The inspections must also meet the requirements listed here:

- o The inspection status isn't completed or canceled.
- o The inspection checklists already have results, if they have checklists.
- o The permits don't have conditions like Prevent Inspection Result or Prevent Final Inspection applied to them.
- o Prerequisite inspections, if any, are already complete with passing or corrected results.
- o For final inspections, all other required inspections are complete with passing or corrected results.

If an inspection doesn't meet all of these requirements, you can't select it. The number of selected inspections is displayed.

3. Click **Result Inspections**.

4. View the inspections you've selected on the Result Inspections page. Here you have a choice:
  - a. You can complete the result for each inspection on the Result Inspections page directly without going into each individual inspection. In this case, you can provide a different result for each inspection. You can also provide comments, attachments, and signatures, and turn on the assess fee option.
  - b. You can apply the same result, inspector signature, and assess fee option to all of the selected inspections at one time by clicking **Result All**. However, the result you select here will not override the system-calculated result for inspections using the scoring method.

This example illustrates the Result All modal page where you select the results that you want to apply to all of the selected inspections.

Tuesday, August 9, 2022

### Result Inspections

Total inspections: 2 Result All Cancel Save Submit

**8/8/22** Overdue

Inspection  
MBL\_INSTYPE\_3 Description  
MBL-220808-00005

Address  
4292 Rhode Island Av  
HANNA, US-UT 84031

Permit  
MIPTYPE  
ZPER-FEN-2022-00001

Result MBLPass Description  
Score 60  
Rating D  
Major Violation 1

Assess Fee

**4:00 PM**

Inspection  
PLU Inspection Requesting Inspections  
CKPLU-2022-00001

Address  
4292 Rhode Island Avenue RIA, Rhode Island Avenue  
HANNA, US-UT 84031

Permit  
MIPTYPE  
ZPER-FEN-2022-00001

Pass Fail

Assess Fee

**Result All**  
2 Inspections

Provide the result for all inspections

Pass Fail

Assess Fee




Provide your signature for all inspections

Cancel Apply to All

Provide signatures to acknowledge the inspection results.

This table describes the elements on the Result Inspections page and on the Result All modal page that appears when you click **Result All**.

**Elements on the Result Inspections page and Result All modal page**

Page Element	Description
Result	<p>Depending on the method used to calculate the results, the system may automatically calculate the final result based on checklist results or you can select a passing or failing result.</p> <p>On the Result All modal page, you can select a passing or failing result that is applied to all of the inspections on the Result Inspections page. This option overwrites any existing results that have been calculated, but will not override the system-calculated result for inspections using the scoring method.</p>
Assess Fee	<p>Turn on the <b>Assess Fee</b> switch to indicate that a fee should be assessed. If fee assessment is configured by your agency, the system calculates the fee and charges it back to the permit applicant when you submit the inspection. For more information, see the "Assessing Fees" section in this topic.</p> <p>The switch on the Result All modal page applies fee assessment to all of the inspections on the Result Inspections page.</p>
	<p>Click the <b>Add Signatures</b> icon on the Result Inspections page to enter <b>Inspector</b>, <b>Contractor</b>, or <b>Property Owner</b> signatures. You must also add the names of contractors and property owners when they add their signatures. Click <b>Show Signatures</b>, which is the same icon displayed with a dot under it, to show the added signatures.</p> <p>You can provide only the inspector signature for all inspections on the Result Inspections page using the Result All modal page.</p>
	<p>Click the Add Comments icon to enter comments. Click the same icon with a dot under it to show the added comments. You can't add comments on the Result All modal page.</p>
	<p>Click to add attachments. Click the same icon with a dot under it to show the added attachments. You can't add attachments on the Result All modal page.</p>

- Click **Submit**. You must submit the results and inspection information that you provided on the Result Inspections page or Result All modal page to complete the inspection.

**Note:** You can't submit completed inspections if required comments or signatures are missing.

## Assessing Fees

Your agency may enable you to indicate that a fee should be assessed based on the inspection results for a specific inspection type. If fee assessment is configured by your agency and you turn on the **Assess Fee** switch, the system

calculates the fee and charges it back to the permit applicant when you submit the inspection. For example, if you fail a plumbing inspection and a reinspection is required, you may want a fee to be assessed for that inspection. Your agency must set up the inspection type and Business Rules Framework to assess fees. For more information, see *Setting Up Inspection Types* and *Setting Up Add Fee Actions*.

Fee assessment indicators appear on the Inspection Detail page in the mobile application and on the Inspection Detail page in the permit details on a desktop.

## Sending Notifications

Your agency can configure communications for events such as Inspection Complete and Final Inspection Passed to send notifications. The communication template in the configuration determines who receives the notification, such as the inspector, agency staff, the applicant, or contacts with application access.

The Inspection Complete event generates a notification when the inspector completes an inspection and submits the inspection results or when inspections are updated from Scheduled to Completed status. The template for this event can include a variety of information, including an overview of the inspection status change and the result of the inspection, whether it passed or failed.

The Final Inspection Passed event generates a notification when you submit the final inspection for a permit with a passing result. The notification may go to the permit technician, applicant, or contacts with application access, depending on the communication template setup.

Your agency determines whether the notifications are sent by email or online notification when the user logs into the permits service.



## Performing Offline Mobile Inspections

You can perform mobile inspections using offline functionality in locations where you don't have access to the agency's servers.



When you don't have Internet access while using Oracle Inspector, you still can perform many of your inspection-related tasks. When the Internet connection is restored, your data is synchronized with permits in your agency's system.

The mobile service for Oracle Inspector downloads data to your mobile device for use offline. When your Internet connection is restored, the mobile service sends data about all the performed actions to your agency's Permits Cloud and updates the data in the server. The actions performed offline are transferred, and the changes you made in the offline mode are updated with the changes in the permit application. This way, data in your mobile device browser is synchronized with the permits data.

Notifications on the Inspection Tasks home page let you know the offline status of Oracle Inspector. These are the icons displayed in the global header when the offline mode is enabled.

Icon	Description
	Download in Progress
	Download Error



Icon	Description
	Synchronization in Progress
	Synchronization Error

## Before You Begin

Your agency determines whether you can work offline. You can also enable or disable the offline mode on your mobile device in **Offline Settings** found in the application menu.

## Data Is Downloaded to Your Device

While you're working online, your inspections for the day are downloaded and cached to your device. The Download in Progress icon notifies you when the mobile service is downloading the data from the agency's server to your mobile device. You must wait for the icon to disappear, indicating the download is complete, before performing actions. Keep the application in the foreground while downloading data to ensure all of the data is downloaded. Don't minimize the application or open another application while data is downloading.

**Note:** The first time that Oracle Inspector syncs for the day with your agency's data for working offline may take several minutes. The length of time depends on the amount of data to download and cache, such as number of scheduled and overdue inspections and attachments. Subsequently the sync process goes more quickly.

If there's an interruption in network connectivity, the mobile service automatically restarts downloading the data when the network is available again until the download is complete.

Downloaded data is stored for an amount of time determined by your agency. After this time the data will be refreshed, which means more recent data is downloaded the next time you use the application online. Use the **Refresh Data** button to refresh your data if the data has changed since it was last downloaded.

## Perform Inspections While You're Offline

You can view, create, and edit inspection records in the offline mode, and then the mobile service will sync them once the network connection is restored. This includes comments, supporting documents, and required signatures.

If you can't add results, check with your administrator to see if your agency is using a different scoring method. You can also view the permit record and details when you're online to see if a condition has been placed on the permit. Once any issues are resolved and all of the required results and signatures are complete, you can submit the inspection. All of the actions you perform are sent to the agency's server when you're back online.

**Note:** Any features that need to interact with online data, or interact with other applications, are not available offline. These include maps and reports.

## Offline Updates Are Saved

When you are working offline, you can see all of the data that was saved onto the device while you were online. The changes you make are synchronized to the server when you're back online.

When the application is in offline mode, you can't view any updates that were made by other inspectors or the agency to the inspection data since the application changed to offline mode, because of the absence of a network connection. You can view those data updates only after refreshing the data that is cached.

## Offline Data Is Synchronized

Your data synchronizes automatically every 5 minutes when the device detects a network connection and goes online. You'll see the Synchronization in Progress icon during the sync process.

**CAUTION:** If you disable the offline mode after performing actions and before synchronizing with the agency's servers, you'll lose the work you did offline. Wait until synchronization is complete before disabling the offline mode. Check with your system administrator if you receive persistent errors.

## Resolve Synchronization Errors

If there are problems synchronizing the data, the Synchronization Errors icon appears. Tap the icon to view the Sync Errors page. You can also find a list of inspections that have synchronization issues by accessing the mobile menu item **Offline Sync Status**.

Either you or the inspections supervisor can then go to the **Offline Sync Management** navigation menu accessed through a desktop or laptop to troubleshoot errors for a particular inspection. The error description indicates the problem, which you can fix while online on your desktop or laptop.

For example, you may need to resolve a condition placed on a permit while you were offline, causing a synchronization error. After you've fixed the problem, you can manually synchronize with your mobile device and refresh the data from the error management page.

If you are online and the synchronization is causing errors, you can disable the offline mode on your mobile device in **Offline Settings** found in the mobile application menu, and continue to work online. You'll lose any new work you performed if you disable the offline mode while offline. Check with your system administrator if you receive persistent errors.

## Enable Logging

If you are experiencing issues with offline inspections, your agency's help desk may request that you submit a log file with your help ticket. The log files will provide information to aid the help desk in identifying and troubleshooting any potential issues with the offline processing. You can enable logging in **Offline Settings**. Check the Log Files grid in the **Offline Settings** for the generated log files, which you can view and download to send to your help desk.

# 11 Managing Projects

## Security Details for Managing Projects

This topic describes important security roles, requirements, or considerations specific to managing projects.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Projects Inquiry	View public sector projects.	All users including users without login
PSC Project Management	Manage projects to which the user is assigned as the project manager.	PSC System Administrator PSC Registered Public User PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer
PSC Project Administration	Manage all projects.	PSC Planning and Zoning Application Administrator PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Inspections Supervisor PSC Chief Building Officer PSC Building Inspector PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permits Application Administrator PSC Permit Technician
PSC View Public Sector Project Attachments	View public sector project attachments.	PSC System Administrator PSC Registered Public User PSC Principal Planner

Primary Role	Access Description	Associated Job Roles and Abstract Roles
		PSC Planning Coordinator PSC Plan Reviewer
PSC Update Public Sector Project Attachments added by Others and Self	Update public sector project attachments added by others and themselves.	PSC System Administrator
PSC Update Public Sector Project Attachments added by Self	Update public sector project attachments added by themselves.	PSC System Administrator PSC Registered Public User PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer
PSC Delete Public Sector Project Attachments added by Others and Self	Delete public sector project attachments added by others and themselves.	PSC System Administrator
PSC Delete Public Sector Project Attachments added by Self	Delete public sector project attachments added by themselves.	PSC System Administrator PSC Registered Public User PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer
PSC Delete Public Sector Project Attachments added by Others and Self	Delete public sector project attachments added by others and themselves.	PSC System Administrator
PSC Add Public Sector Project Attachments	Add public sector project attachments.	PSC System Administrator PSC Registered Public User PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer

For more information on creating roles for Oracle Permitting and Licensing, see *Creating Custom Roles for Oracle Permitting and Licensing*.

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the *Security Reference for Oracle Permitting and Licensing*.

# Using Projects

This topic discusses how to use the Oracle Permitting and Licensing Projects.

A Project is a collection of various records from transactions, which include permits, planning applications, and pre-applications. It provides a summarized, consolidated view across project-related records.

Agency staff create and manage such inventory of projects comprising of various records and their attributes, and maintain detailed project information – all easily accessible from one location – the Projects page.

You use the Projects page to manage a complete list of projects with all the details, and perform various tasks.

This example illustrates the Projects page:

Projects

Project	Summary	Contact	Status	Start Date	End Date
Pro-2018-00522 AAA-2018	AAA Constructions present a all new corporate office building on the Sunvale Highway - the hub for IT companies. The offices are enabled with state-of-the-art equipment, allowing new offices to just plug and play their systems.	SIMMONS Robert +1 (751) 852-9632	Completed	10-21-15	
Pro-2015-04462 Pro2469	Connuire Builders are coming up with villas in a 250 acre plot consisting of 2 lakes and a breath-taking view of the meadows. The 40 odd villas with an expanse of landscape are supported by a community that has been living in the area for over two decades.	Robert M. Jacob +1 (751) 852-9562	On Hold	10-04-17	11-20-19
PROJ-OCT2018-4 John Tumac	Harbor Rocks transformed an old plot into a vibrant residential community one block from the Oakland Estuary and Bay Trail. The 81-unit building features landscaped grounds and water views near Fruitmingle BART, an organic grocery, and local cafes and coffee shops.	ALBERT MICHAEL SIMMONS +1 (951) 852-9632	Inactive	09-05-17	11-01-19

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Use the project list on the Projects page to perform these tasks:


- Manage project activity
- Create new or update existing project details
- Assign or unassign transactions
- Add and maintain project attachments
- Visualize transactional data
- Add and maintain project contacts
- Access comprehensive project record details

You can access the Projects page by clicking the **Project List** tile on the Agency Springboard, or by clicking **Projects > Project List** in the navigation bar.

## Using the Projects Page

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, you can perform these actions:

Page Elements	Description
<b>Add</b>	Click to add a new project, assign transactions, and create contacts.
<b>Search</b>	Search by alphanumeric characters on the fields for projects in the list. The projects that meet the search criteria are displayed on the page.

Page Elements	Description
<b>Filter</b>	Apply filters to display projects that contain the selected parameter values in the list. Click the filter button to open the Filter By options, where you can define and save your own filters.
<b>Sort by</b>	Select an option to sort the projects in the list by these fields: <ul style="list-style-type: none"> <li>○ Project</li> <li>○ Project Summary</li> <li>○ Contact</li> <li>○ Status</li> <li>○ Start Date</li> <li>○ End Date</li> </ul>
	Click the <b>Details</b> button to access the details for the selected project.

## Adding a New Project

As an agency staff, you can create new projects to include transactions and contacts.

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, select the **Add** button.
3. On the Project Details page, add values for the fields in the Projects section:

Page Elements	Description
<b>Project ID</b>	Displays the system generated project ID after you save the project.
<b>Name</b>	Enter the name of the project.
<b>Summary</b>	Enter a detailed description of the project.
<b>Type</b>	Select the type of project from the list of options.
<b>Status</b>	Select the status of the project: <ul style="list-style-type: none"> <li>○ Active</li> <li>○ Canceled</li> </ul>

Page Elements	Description
	<ul style="list-style-type: none"> <li>○ On Hold</li> <li>○ Inactive</li> <li>○ Completed</li> </ul>
<b>Estimated Valuation</b>	Enter an estimated amount for the project.
<b>Start Date</b>	Enter the start date for the project.
<b>End Date</b>	Enter the end date of the project.
<b>Primary Contact</b>	<p>Click the prompt to open the Look Up page, which lists all the registered contacts. You can search for your desired contact using the <b>Search</b> option.</p> <p>Select the desired contact and use the <b>Select Contact Type</b> option to select the type of contact.</p>

4. In the **Primary Address** section, click the prompt to open the Search Property page.
5. Use the Search box to filter the parcel, address, or owner values by keyword. Select the record you want by clicking the **Select** button. The Search Property page closes and the selected address appears on the Project Details page.
6. Click **Save** to save the new project and return to the Projects page. The new project record now appears in the projects list.

## Assigning Transactions to a Project

As an agency staff, you assign transactions to a project that you have created. You use the Assign page to assign transactions to your project. Transactions include permits, planning applications, and pre-applications.

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, select the **Details** button on the project record that you want to assign transactions to.
3. On the Project Detail page, click **Transactions** on the left panel.
4. On the Transactions page, click the **Assign** button.
5. The Assign page opens with a list of all transactions available in the system. Use the **Search** option to search transactions by applicant, transaction ID, or by an address that is associated with the transaction.
6. The **Filter** allows you to refine your search results further using the transaction applicant's name and an address that is associated with the transaction..
7. Select the transactions using the check box available against each transaction record.
8. Click the **Assign** button to assign the selected transactions and return to the Transactions page, which lists the new transaction assignments.

**Note:** As a project manager, you can assign transactions to your project. The **Assign** page lists only those permits, planning applications, and pre-applications that were applied by you. The system ensures that project managers can assign only those transactions that were created by them. See the documentation on Security.

## Unassigning Transactions from a Project

As an agency staff, you can unassign transactions from a project that you have created. You use the Transactions page to unassign transactions from your project.

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, select the **Details** button on the project record from which you want to unassign transactions.
3. On the Project Detail page, click **Transactions** on the left panel.
4. On the Transactions page click the **Edit** button, which enables you to select transaction records to unassign.
5. Use the check box available against each transaction record that you want to unassign and then click the **Unassign** button.

## Viewing and Updating Project Details

You view and manage projects comprising of transaction assignments, project attachments, and project contacts on the Project Details page.

The header displays the project code, project type description, and the project primary address. A map marker displays the primary location of the selected project on the map.

The left panel lists the various links to the project detail pages – Overview, Transactions, Inspections, Fees and Payments, Attachments, Data Visualization, and Contacts. Clicking each link opens the detail view on the right panel.

This example illustrates the Project Details page:

The screenshot shows the Project Details page for a project named "Harbor Walk". The page is divided into several sections:

- Map:** A map showing the project location at 2200 OTIS DR, ALAMEDA, CA. A red pin marks the location.
- Project Information:**
  - Project Code: Pro-2018-00520
  - Project Type: Residential Development Project
  - Address: 2200 OTIS DR, ALAMEDA, CA
  - Status: Active
  - Start Date: 5/27/09
  - End Date: (empty)
  - Created By: PSC\_SUPERUSER today
- Summary:** Harbor Walk transformed an old dog pound into a vibrant residential community one block from the Oakland Estuary and Bay Trail. The 81-unit building features landscaped grounds and water views near Fruitvale BART, an organic grocery and local cafes and coffee shops.
- Fees by Transaction:** A donut chart showing the distribution of fees across four categories:
  - CC-2018-00003: 29.1%
  - EZS-181005-00001: 28.2%
  - SP-181005-00004: 22.7%
  - PPG-00001-OCT05: 19.8%
- Project Contact:** Name: SIMMONS, Robert; Address: USA

## Using the Overview Page

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, select the **Details** button for a project in the grid.
3. The Overview page displays the information about the selected project in three sections – Overview, Primary Contact, and Fees and Payments.



4. The Overview section lists the basic information about the project. You can edit values for all the fields except for the **Project ID** and the **Created By** fields, which are system generated. The field descriptions are detailed under *Adding a New Project*.
  - o A graphical chart displays the top five transactions and their percentage fees distribution, calculated using the transaction total fees from all the assignments for the project. *Others* accounts to the fees from the rest of the transactions assigned to the project.
  - o The Primary Contact section displays the details of the contact that was entered at the time of creating the project. You cannot edit the values for these fields on this page.

**Note:** You can change the primary contact from the Contacts page.

  - o The Fees and Payments section displays:

Page Elements	Description
<b>Total Fees</b>	The sum of all the fee values from all the transactions assigned to the project.
<b>Total Payable</b>	The sum of the payable amounts from all the transactions assigned to the project.
<b>Total Paid</b>	The sum of the amounts paid for all the transactions assigned to the project.
<b>Balance Due</b>	<p>The sum of the amounts that is due for all the transactions assigned to the project.</p> <p><b>Note:</b> Balance amount is the difference between the total payable amount and the total paid amount.</p>


The fields in this section are displayed if there is at least one assignment (permit, planning application, or pre-application) for the project. You cannot edit the values for these fields on this page.

5. Click **Save** to save your changes, if any.

## Using the Transactions Page

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, select the **Details** button for a project in the grid.
3. Click **Transactions** on the left panel to access the list of transactions that are assigned to the project. The Transactions page provides these details:


Page Elements	Description
<b>Edit</b>	Click to enable the selection of transactions for removing them from the project. See <b>Unassigning Transactions from a Project</b> under <i>Adding a New Project</i> .

Page Elements	Description
<b>Assign</b>	Click to open the Assign page and select transactions to assign to the project.  See <b>Assigning Transactions</b> under <i>Adding a New Project</i> .
<b>Filter</b>	Apply filters to display projects that contain the selected parameter values in the list. Click the filter button to open the Filter By options, where you can define and save your own filters.
<b>Sort</b>	Sort the list of transactions by: <ul style="list-style-type: none"> <li>○ Date</li> <li>○ Transaction ID</li> <li>○ Status</li> </ul>
<b>Alert icon</b>	Identify transactions with a status affected by a condition or if they are pending submit.
<b>Transaction</b>	Displays the name and description of the transaction.
<b>Status</b>	Displays the status of the transaction.
<b>Created By</b>	Displays the name of the user who created the transaction, with the date and time of creation.
<b>Applicant</b>	Displays the name, email ID, and contact number of the applicant associated to the transaction.
<b>Property</b>	Displays the address of the property for which the transaction is applied.
<b>Fees</b>	Displays the total fees paid and the balance due, if any.
	Click to access the Transaction page and view the details of the transaction assigned the project. All sections on this page are display-only. See <i>Navigating to Planning Application Details</i> .

## Using the Inspections Page

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, select the **Details** button for a project in the grid.


- Click Inspections on the left panel to access the list of permit inspections that are assigned to the project. The Inspections page provides these details:

Page Elements	Description
<b>Permit</b>	Displays the permit ID.
<b>Inspection</b>	Displays the inspection ID.
<b>Status</b>	Displays the schedule status of the inspection, for example, Scheduled, Requested, Completed, and Canceled.
<b>Inspector</b>	Displays the inspector assigned to the inspection.
<b>Property</b>	Displays the property associated with the inspection.
<b>Result</b>	Displays the result of the inspection, Pass or Fail.
	Click to access the Inspection Detail page and review the details of the inspection assigned the project. All sections on this page are display-only. See <a href="#">Reviewing Inspection Details</a> .

## Using the Fees and Payments Page

- Select the **Project List** tile on the Agency Springboard.
- On the Projects page, select the **Details** button for a project in the grid. Click Fees and Payments on the left panel to access the details of the fees and payments associated with a submitted transaction. The Fees and Payments page provides these details:

Page Elements	Description
<b>Total Fees</b>	Displays the total amount of fees that may be applicable to the transaction.
<b>Total Payable</b>	Displays the amount of fees that is designated as payable. Fees that are not payable include fees on hole, for example.
<b>Total paid</b>	Displays the amount of the total fees already collected.
<b>Balance Due</b>	Displays the remaining portion of the fees yet to be collected.
<b>Transaction</b>	Displays the transaction ID.

Page Elements	Description
<b>Fee Description</b>	Displays the description of the fee item as defined when creating a fee item.
<b>Amount</b>	Displays the amount due for each fee item.
<b>Currency</b>	Displays the currency in which the transaction will be paid.
<b>Status</b>	Displays the status of the fees and payment transaction, for example Canceled, Pending, Hold, and Due.
<b>Assessed Date</b>	Displays the date the request for payment was issued.
<b>Payment Date</b>	Displays the date payment was received.
<b>Payment Reference</b>	Displays the payment reference issued for the transaction.
<b>Invoice</b>	Displays the invoice number of the agency associated with the permit transaction application.
	Click to access the Fee Item Details page and review the details of the fees.
<b>Viewing Deposit Accounts</b>	Click to open the Deposit Accounts page and view a list of all deposit accounts associated with the project.

**Viewing Deposit Accounts:** Agency staff can view a list of all active deposit accounts that are associated with the current project. You select the deposit account to charge fees for a specific transaction that is associated with the project. Click the View Deposit Accounts link on the Fees and Payments page. The Deposit Accounts page lists the details of accounts:

- Application ID: Click the link to drill down to the details of the deposit account.
- Name: The name of the account
- Primary Owner
- Balance: The available balance amount in the account
- Minimum Balance: The minimum balance that must be maintained in the account
- Account Type

For information about deposit accounts, see *Depositing Funds*.

## Using the Attachments Page

Attachments provide supporting documentation needed by users while managing projects. You view a list of files and upload or download documents associated with your project on the Attachments page.

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, select the **Details** button for a project in the grid.
3. Click **Attachments** on the left panel to access the attachments associated with the project. The Attachments page provides these details:

Page Elements	Description
<b>File Name</b>	View the following information in the Filename field: <ul style="list-style-type: none"> <li>○ Filename with file type extension</li> <li>○ File Size</li> <li>○ Uploaded By user name</li> <li>○ Uploaded On date</li> </ul>
<b>Description</b>	View the description of the attachment as entered by the user who added the attachment.
<b>Category/ Subcategory</b>	View the document category and subcategory for the attachment.  This field appears only if a document group is set up on the Project Type Details page while setting up the project type.  See <i>Setting Up Project Types</i> .
<b>Actions</b>	Click the actions icon to select and perform an action: <ul style="list-style-type: none"> <li>○ View Details</li> <li>○ Download</li> <li>○ Delete</li> </ul>

4. Click the **Sort By** to view attachments grouped by these fields: file name, file size, uploaded by, uploaded on, description, category, and subcategory.
5. To find a specific attachment, you can enter values in the search field.

## Adding Project Attachments

You upload files to the Attachments page using the Add Attachments page.

1. Select the **Project List** tile on the Agency Springboard.
2. Click the row for a project to access the detail.
3. Click the **Attachments** link to view the Attachments page for the project.
4. Click the **Add** icon.
5. Select the file to upload in the browser dialog box and click **Open**. The filename appears on the Add Attachments page.

6. On the Add Attachments page, you can enter a description of the file, a document category, and a document subcategory, if desired.
7. Use the look-up prompt to select a document category and subcategory that have been defined by the agency. For more information, see *Setting Up Document Categories and Subcategories*.
8. Click the **Upload** button.

## Downloading Project Attachments

You download a document on the Attachments page.

1. Select the **Project List** tile on the Agency Springboard.
2. Click the row for a project to access the detail.
3. Click the **Attachments** link to view the Attachments page for the project.
4. In the attachments grid, click the **Action** icon for the document you want to download.
5. Select **Download** and save to the location of your choice.

## Deleting Project Attachments

You can use this method for deleting one or more documents.

1. Select the **Project List** tile on the Agency Springboard.
2. Click the row for a project to access the detail.
3. Click the **Attachments** link to view the Attachments page for the project.
4. Click the **Edit** icon above the grid.
5. Select one or more documents to delete.
6. Click the **Delete** icon.
7. To delete a single document, access the Attachments page, and select **Delete** in the Action menu for the document you want to delete.

## Using the Data Visualization Page

1. Select the **Project List** tile on the Agency Springboard.
2. On the Projects page, select the **Details** button for a project in the grid.
3. Click **Data Visualization** on the left panel to access graphical charts that display the comparative data related to transactions within the selected project. These graphical charts are organized in three separate tabs, with a grid each displaying a list of all the transactions within the project:
  - o **Fees by Transaction Type:** The chart displays all the project transactions represented as bars – each bar grouping transactions by the transaction type, along with the total amount of fees applicable. Click a bar to list all the transactions for that transaction type with their details at the bottom of the page.
  - o **Fee Details:** The chart displays all the project transactions represented as bars. Each transaction is displayed as a combination of two bars – one bar reads the total amount of all applicable fees and the other reads the total amount of all fees paid. Click a bar to list all the transactional fee item details at the bottom of the page.
  - o **Inspection Status:** The pie chart displays the inspection status of each of the permits assigned to the project. Click a section of the chart to view the details of the inspections pertaining to the permits at the bottom of the page.

## Using the Contacts Page

1. Select the **Project List** tile on the Agency Springboard.

2. On the Projects page, select the **Details** button for a project in the grid.
3. Click **Contacts** on the left panel to access the list of contacts that are added to the project. You will see the primary contact that was added at the time of creating the project.
4. Click the **Details** button for the contact record to open the Contact Details page. You can view the contact details and edit certain fields.

**Note:** You cannot delete a primary contact or turn off the **Primary Flag** option. Only agency staff such as an administrator can select from the registered profiles to assign a primary contact. Such an assignment will automatically update the earlier primary contact as not primary.

5. Click **Save** to save your changes to the Contact Details page and return to the Contacts page.
6. Click **Add New Contact** to access the Contact details page. You can:
  - o *Add a contact from registered contacts:* You just select a contact from a list of contacts that are already registered in the system and include in the project. Click **Select** on the row to open the Select Contact Type page and select a contact.

As a user, you cannot make primary contact assignments for your project. Only agency staff such as an administrator can assign a primary contact from the registered profiles.

The primary contact that was selected at the time of creating the project will longer be a primary contact.

- o *Add a brand new contact manually:* You create a new contact by entering all the contact details and then include in the transaction.

Again, as a user, you cannot make primary contact assignments for your project.





# 12 Managing Property Information

## Viewing Transactions Associated with a Parcel

View summary information of all transactions associated with a parcel.

Agency staff can view a summary of transactions for Permits, Planning Applications, Business Licenses, Cases and Incidents, that are associated with a parcel.

You can navigate to the Transactions page, from the **Parcel** tile on the agency springboard. On the Parcel page, click the parcel row to view its transactions.

**Note:** A condition icon is displayed on the parcel row if a parcel has a condition applied to it. If multiple conditions are applied, then the icon displays the most severe condition. Click the icon to see a list of all applicable conditions, including the condition name, severity, description, and when the condition was applied. Click a condition row to open the Parcel Conditions page in a new window.

On the Parcel page for the selected parcel, select the Transactions tab in the left panel. On the Transactions page, click the transaction tab you wish to view for the parcel.

Page Element	Description	Additional Information
<b>Permits and Planning Applications</b>	View application data and statuses for permits and planning applications using the transactions page. You can also perform actions, such as paying fees and accessing detailed application information from here.	<i>Managing Transactions</i>
<b>Business Licenses</b>	View summary information about specific activities related to a business licenses such as consultations and license origination.	<i>Managing Business License Transactions</i>
<b>Cases</b>	Agency staff can view a summary of cases that are associated with a parcel on the Transactions page, Cases tab.	<i>#unique_85/ unique_85_Connect_42_section_970b99bb-35d6-48ae-9b- acba9bd46679</i>
<b>Incidents</b>	Agency staff can view a summary of incidents that are associated with a parcel on the Transactions page, Incidents tab.	<i>#unique_85/ unique_85_Connect_42_section_1dbf7bea-991c-422e- aeb1-b4cf5ed8e7a9</i>

## Viewing Cases Associated with a Parcel

Agency staff can view a summary of cases that are associated with a parcel on the Transactions page, Cases tab.

1. Select the **Parcel** tile on the Agency Springboard.
2. On the Parcel page, click the parcel row to view its transactions.
3. On the Parcel page for the chosen parcel, select the Transactions tab in the left panel.

4. On the Transactions page, click the Cases tab.
5. Here are some of the information on the case transactions page for a parcel.

Page Element	Description
<b>Case</b>	This column displays: <ul style="list-style-type: none"> <li>○ The case ID that is assigned based on the agency's autonumbering rules.</li> <li>○ The issue type and subtype, separated by a hyphen.</li> </ul>
<b>Creation Date</b>	Displays the date on which the case was created.
<b>Location</b>	Displays the location of the issue.
<b>Issue Description</b>	Displays the description of the case
<b>Case Status</b>	Displays the status of the case, for example, Compliance, Violation, Citation, and so on.
<b>Comply By</b>	Displays the last date to ensure compliance.

## Viewing Incidents Associated with a Parcel

Agency staff can view a summary of incidents that are associated with a parcel on the Transactions page, Incidents tab.

1. Select the **Parcel** tile on the Agency Springboard.
2. On the Parcel page, click the parcel row to view its transactions.
3. On the Parcel page for the chosen parcel, select the Transactions tab in the left panel.
4. On the Transactions page, click the Incidents tab.
5. Here are some of the information on the incident transactions page for a parcel.

Page Element	Description
<b>Issue ID</b>	This column displays: <ul style="list-style-type: none"> <li>○ The incident ID that is assigned based on the agency's autonumbering rules.</li> <li>○ The incident type and subtype, separated by a hyphen.</li> <li>○ The incident status. Unclaimed incidents have a status of Reported.</li> <li>○ The date on which the incident was reported.</li> </ul>
<b>Location</b>	Displays the incident address and the incident's district type and district.  If district information is missing, a warning icon appears in its place.

Page Element	Description
<b>Description</b>	Displays the incident description.
<b>Assigned</b>	Displays the name of the technician or code officer to whom the incident is assigned.

## Working with Property Attachments

Attachments provide supporting documentation needed by agency staff to manage parcels. You view a list of files and upload or download documents on the Attachments page.

### Viewing Property Attachments

1. Select **Parcel**, **Property Address**, or **Property Owner** on the Agency Springboard.  
**Note:** You can also access these pages through the Property Information menu in the Navigator.
2. Click the **Details** button to access the details for a parcel, parcel address, or parcel owner.
3. Click **Attachments** in the navigation bar.
4. On the Attachments page, view the list of property attachments, including this information:

Page Element	Description
<b>Filename and Description</b>	View the filename and description entered by the user upon upload.
<b>File Size</b>	View the size of the attachment.
<b>Category and Subcategory</b>	View the document category and subcategory for the attachment.
<b>Actions</b>	Click to select an action: <ul style="list-style-type: none"> <li>○ <i>View Details:</i> Select to view detailed information about the attachment.</li> <li>○ <i>Download:</i> Select to download the attachment.</li> <li>○ <i>Delete:</i> Select to delete the attachment. You will be prompted to confirm the permanent deletion.</li> </ul>

### Adding Property Attachments

1. Select **Parcel**, **Property Address**, or **Property Owner** on the Agency Springboard.  
**Note:** You can also access these pages through the Property Information menu in the Navigator.

2. Click the **Details** button to access the details for a parcel, parcel address, or parcel owner.
3. Click **Attachments** in the navigation bar.
4. Click **Add**.
5. Select the file to upload in the browser dialog box and click **Open**.  
The filename appears on the Add Attachments page.
6. On the Add Attachments page, enter a description of the file, a document category, and a document subcategory.

**Note:** The description, document category, and document subcategory fields are optional and can be left blank.

For more information on document categories and subcategories, see *Setting Up Document Categories and Subcategories*.

7. Click the **Upload** button.

## Deleting Property Attachments

1. Select **Parcel**, **Property Address**, or **Property Owner** on the Agency Springboard.  
**Note:** You can also access these pages through the Property Information menu in the Navigator.
2. Click the **Details** button to access the details for a parcel, parcel address, or parcel owner.
3. Click **Attachments** in the navigation bar.
4. Click **Edit**.
5. Select the check boxes next to all the attachments that you want to delete.
6. Click **Delete**. You will be prompted to confirm the permanent deletion.

**Note:** You can delete a single attachment on the Attachments page by selecting **Delete** in the **Actions** menu.

## Applying Conditions to Parcels and Addresses

Agency staff can apply conditions to parcels and addresses so that users interacting with a property are notified of any issues with it.

Agency staff apply, modify, and resolve parcel and address conditions on the Conditions page. The Conditions page lists all of the conditions applied to the selected property, with applied conditions followed by resolved conditions. The condition indicator in the header of the details pages displays the most severe condition having a high priority. Click the **All Conditions** link next to the icon to open a modal window that displays all active conditions applied along with their severity, applied date, and display message.

**Note:** Deleting a parcel or address record in the property information automatically deletes any associated conditions that are applied to the permit or planning application you are working with. See the section *Deleting a Property* under *Working with Property Information*.




## Applying a Condition to a Parcel or Address

1. Click **Parcel** or **Property Address** on the agency springboard.

Select a property.

Click **Conditions** in the left panel.

2. Click **Apply Condition**.
3. On the Condition Details page, enter values for the following fields:

Page Element	Description
<b>Condition Name</b>	<p>Use the lookup prompt to search and select the condition that you want to apply. The search page lists all the available conditions along with their severity, display message, and description.</p> <p>After you select a condition, the condition information is brought in as it was defined in the condition setup. You can override the default rules, priority, description, and additional information to customize the condition.</p> <p>For more information on conditions, see <a href="#">Setting Up Conditions</a>.</p>
<b>Display Message</b>	<p>Displays the message associated with the selected condition. This message is entered by your agency administrator in the setup page and cannot be updated here.</p>
<b>Severity</b>   Lock  Hold   Notice	<p>Displays the level of severity defined for the selected condition.</p> <ul style="list-style-type: none"> <li>○ <i>Lock</i>: This severity suspends all operations and selects all condition rules for the condition.</li> <li>○ <i>Hold</i>: This severity enables agency staff to select the condition rules that apply to the condition.</li> <li>○ <i>Notice</i>: This severity functions as an alert and has no effect on operations.</li> </ul>
<b>Apply Condition to Transactions</b>	<p>Applies the condition to new transactions that will be associated with the selected address or parcel. You turn off the switch if you want the condition to be applied only to the transaction you're working with.</p> <p>The condition setup determines whether this switch is turned off or on by default.</p> <p>For more information on setup and condition rules, see <a href="#">Setting Up Conditions</a>.</p>
<b>Include in-process transactions</b>	<p>Turn on this switch if you want to apply the condition to the in-process transactions related to the parcel or address.</p> <p>This option appears only if the <b>Apply Condition to Transactions</b> switch is turned on.</p> <p>You can click the <b>View Impacted Transactions</b> link to view the list of transactions where the condition will be applied.</p>
<b>Condition Rules</b>	<p>Select one or more rules from:</p>

Page Element	Description
	<ul style="list-style-type: none"> <li>○ <b>Prevent Application Progress</b></li> <li>○ <b>Prevent Workflow Advancement</b></li> <li>○ <b>Prevent Issue or Final</b></li> <li>○ <b>Prevent Payment</b></li> <li>○ <b>Prevent Inspection Schedule</b> (applicable only to permits)</li> <li>○ <b>Prevent Inspection Result</b> (applicable only to permits)</li> <li>○ <b>Prevent Final Inspection</b> (applicable only to permits)</li> </ul> <p>Condition rules are available for selection based on:</p> <ul style="list-style-type: none"> <li>○ <i>Condition setup</i>: If the <b>Apply Condition to Transactions</b> switch is turned off, then only the <b>Prevent Application Progress</b> rule is available for selection.</li> <li>○ <i>Condition severity</i>: For a condition with a Hold severity, you can accept the default rules or select different rules. For a condition with a Lock severity, all condition rules are automatically applied and can't be changed.</li> </ul> <p>See <a href="#">Setting Up Conditions</a>.</p>
<b>Priority</b>	Select a priority for the condition. Values are <i>High</i> , <i>Medium</i> , and <i>Low</i> .
<b>Description</b>	Displays the description entered by your agency administrator in the condition setup page, but you can update the text here.
<b>Additional Information</b>	Displays additional information entered by your agency administrator in the condition setup page, but you can enter new information here.
<b>Allow Updates by Parcel Import</b> switch	<p>When the parcel import option is selected to resolve the parcel or address condition, the process will resolve the condition only if the <b>Allow updates by parcel import</b> switch is turned on.</p> <p>This field displays whether the switch was enabled on the Condition Setup page. See <a href="#">Setting Up Conditions</a>.</p>
<b>Applied By</b>	Displays the name of the user or system that applied the condition with the date.

4. Click **Save**.

## Resolving a Condition

You can resolve a condition that you applied to a parcel or address.

1. Click **Parcel** or **Property Address** on the agency springboard.  
Select a property.  
Click **Conditions** in the left panel.

2. Click **Resolve** for the condition you want to resolve.
3. On the Resolve Condition page, enter a description of how the condition was resolved in the **Resolution Action** field. The **Resolve conditions applied to transactions** switch is turned on by default, which resolves the condition that was initially applied automatically to the transactions when this condition was created.

You turn off the switch if you want to resolve this condition alone, without affecting the transactions associated with the parcel or address.

4. Use the **View Impacted Transactions** link to access a page that lists all impacted transactions within the selected parcel or associated with the selected address.
5. Click **Save**.

## Modifying a Condition

You can modify a condition that you applied to a parcel or property address. Any changes you make won't be copied over to the related transaction condition.

1. Click **Parcel** or **Property Address** on the Agency Springboard.

Select a property.

Click Conditions in the navigation bar.

2. Click the View More Details button for the condition you want to modify.
3. On the Condition Details page you can update the rules, priority, description, and additional information for a condition with a Hold severity. For conditions with a Lock or Notice severity, you can update the priority, description, and additional information.

**Note:** You can't edit any fields for a resolved condition.

4. Click **Save**.

**CAUTION:** Once a condition is saved, you can't make changes to the **Apply Condition to Transactions** and **Include in-process transactions** fields.

## Viewing a Resolved Condition

You can view the details of a resolved condition on the Condition Details page.

1. Click **Parcel** or **Property Address** on the Agency Springboard.
2. Select a property.
3. Click **Conditions** in the navigation bar.
4. Select a row with a status of **Resolved** and click **View More Details**.
5. The Conditions Details page opens to display the details of the condition at the top, followed by an additional information about its resolution:
  - o Resolve condition applied to transactions
  - o Resolution Action
  - o Resolved By
  - o Resolved Date
6. Click **Cancel** to return to the Conditions page.

## Working with Parcel Genealogy Transactions

Agency staff can create parcel genealogy transactions to manage parcel splits, merges and lot line adjustments, and attribute management.

Agency staff can create Parcel Genealogy transactions to manage parcel splits, merges and lot line adjustments. You can use the step-by-step guide to select a genealogy transaction type and establish parent and child parcels. You can also manage attributes, such as addresses, owners, size and districts. Once a parcel genealogy transaction is established, you can view the relationship in the Genealogy tab within the Parcel page.

### Splitting Parcels

To split parcels:

1. Select the Parcel Genealogy tile on the Agency Springboard.
2. From the Transaction drop down, select **Split** and then click **Add Transaction**.
3. On the Split page, you have a guided process with steps as follows:

Steps	Description
Step 1: Select Parent Parcels	You can select parcels from the list, which have to be split.
Step 2: Select Child Parcels	You can either select child parcels that are already on the system or create new child parcels.
Step 3: Manage Addresses Step 4: Manage Owners Step 5: Manage Districts Step 6: Manage Conditions Step 7: Manage Parcel Size	When you create new child parcels, you can enter the parcel attributes such as addresses, owners, districts, conditions and parcel sizes. When you select child parcels that are already on the system, you will be able to view the parcel attributes but not modify them.
Step 8: Review	You can review the parcel details of the resultant parcels. Validation errors, if any, are displayed at the top of this page.

### Merging Parcels

To merge parcels:

1. Select the Parcel Genealogy tile on the Agency Springboard.
2. From the Transaction drop down, select **Merge** and then click **Add Transaction**.
3. On the Merge page, you have a guided process with steps as follows:



Steps	Description
Step 1: Select Parent Parcels	You can select the parent parcels to be merged from the list.
Step 2: Select Child Parcels	You can either select child parcels that are already on the system or create new child parcels.
Step 3: Manage Addresses Step 4: Manage Owners Step 5: Manage Districts Step 6: Manage Conditions Step 7: Manage Parcel Size	When you create new child parcels, you can enter the parcel attributes, such as addresses, owners, districts, conditions and parcel sizes. When you select child parcels that are already on the system, you will be able to view the parcel attributes but not modify them.
Step 8: Review	You can review the parcel details of the resultant parcels. Validation errors, if any, are displayed at the top of this page.

4. Click **Submit**.

## Making Lot Line Adjustments

To make lot line adjustments:

1. Select the Parcel Genealogy tile on the Agency Springboard.
2. From the Transaction drop down, select **Adjust** and then click **Add Transaction**.
3. On the Adjust page, you have a guided process with steps as follows:

Steps	Description
Step 1: Select Parcels	You can select parcels from the list to make adjustments.
Step 2: Manage Parcel Size	Adjust the parcel sizes.
Step 3: Review	You can review the details of the adjustment made. Validation errors, if any, are displayed at the top of this page.

4. Click **Submit**.

## Viewing Parcel Genealogy Transactions

To view parcel genealogy transactions:

1. Select the Parcel tile on the Agency Springboard.
2. From the Parcel page, click a parcel row.
3. Select the Genealogy tab in the left panel. You can view the details of all the genealogy transactions this parcel has been through. The red star identifies the parcel which is currently being viewed. Click any parent or child parcel link to open the corresponding Parcel Details page in a new window.

## Reconciling Provisional Parcels

Agency staff can now easily reconcile provisional parcels by replacing the temporary parcel identification numbers with a new one. Once reconciled, a cross-reference is established to retain history.

New parcels with the provisional status can be created on the Parcel page or as a result of genealogy transactions. The agency uses the provisional parcel numbers to associate transactions to those parcels while waiting for the assessor's parcel numbers (APNs) from the county. Once APNs are imported, agency staff can search for matched or unmatched parcels in the provisional status and reconcile them with their matching APNs. After the provisional parcels are reconciled, a cross-reference is established to retain history.

**Note:** The batch process to match provisional parcels should be run prior to performing parcel reconciliation to ensure all provisional parcels have been matched to their associated imported APNs. The BI Catalog report, Transactions with Reconciled Provisional Parcels, lists the transactions that refer to the reconciled provisional parcels. Using this report you can see the provisional parcels that have been replaced with final parcels as a result of parcel reconciliation. For more information, see [Public Sector Compliance and Regulation Analytics](#).

To reconcile matched provisional parcels:

1. Select the Parcel Reconciliation tile on the Agency Springboard.
2. On the Provisional Parcel Reconciliation page, select the Matched Parcels tab, to view the following fields:

Page Element	Description
Parcel	Lists the provisional parcels with any potential matching APNs. Matching APNs are parcels with the same street number and street name.
Status	The status of the parcel. The value can be Active, Retired or Provisional.
Address	The primary address of the parcel.
City	The city of the primary parcel address.
Owner	The name of the primary parcel owner.

Page Element	Description
<b>Map Book</b>	The recorded map book for the parcel.
<b>Page</b>	The recorded map book page for the parcel.
<b>Reconcile Parcels</b> button	Select the provisional parcel and the matching APN, and then click the <b>Reconcile</b> button to match the provisional parcel with the matching APN and retire the provisional parcel.

- Click the **Find Matching Parcel** button on a parcel row to open the **Find Matching Parcel** modal which lists a matching APN.
- In the Find Matching Parcel modal, view the following fields:

Page Element	Description
<b>Search</b>	By default, the search field shows the street number and street name of the primary address of the matched provisional parcel. The search results below appear filtered to list only those matching the search criteria.
<b>Parcel</b>	The APNs of the parcels that resulted from the search.
<b>Status</b>	The status of the parcel. The value can be Active, Retired or Provisional.
<b>Address</b>	The primary address of the parcel.
<b>Owner</b>	The name of the primary owner of the parcel.
<b>Map Book</b>	The recorded map book for the parcel.
<b>Page</b>	The recorded map book page for the parcel.
<b>Lot</b>	The lot number of the parcel in the Detail Land Information, which is part of the APN.

- Select the check box for the matching APN and click the **Reconcile** button.

After reconciliation, the provisional and matched APNs move to the Reconciliation History tab, from where you can see the history of the reconciled parcels.

To reconcile unmatched provisional parcels:

- Select the Parcel Reconciliation tile on the Agency Springboard.

- On the Provisional Parcel Reconciliation page, click the Unmatched Parcels tab, to view the following fields:

Page Element	Description
<b>Search</b>	You can search for a provisional parcel using its primary address.
<b>Provisional Number</b>	The temporary parcel number assigned to newly created provisional parcels. Click the link to view the details of the parcel in a new window.
<b>Creation Date</b>	The date on which the provisional parcel was created.
<b>Status</b>	The status of the parcel. The value can be Active, Retired or Provisional.
<b>Address</b>	The primary address of the parcel.
<b>Owner</b>	The name of the primary parcel owner.
<b>Map Book</b>	The recorded map book for the parcel.
<b>Page</b>	The recorded map book page for the parcel.
<b>Lot</b>	The lot number of the parcel in the Detail Land Information, which is part of the APN.

- Click the **Find Matching Parcel** button on an unmatched parcel row to search for a matching APN.
- In the Find Matching Parcel modal, view the following fields:

Page Element	Description
<b>Search</b>	By default, the search field shows the street number and street name of the primary address of the unmatched provisional parcel. The search results below appear filtered to list only those matching the search criteria.
<b>Parcel</b>	The APNs of the parcels that resulted from the search.
<b>Status</b>	The status of the parcel. The value can be Active, Retired or Provisional.
<b>Address</b>	The primary address of the parcel.
<b>Owner</b>	The name of the primary owner of the parcel.

Page Element	Description
<b>Map Book</b>	The recorded map book for the parcel.
<b>Page</b>	The recorded map book page for the parcel.
<b>Lot</b>	The lot number of the parcel in the Detail Land Information, which is part of the APN.

5. Select the check box for the matching APN and click the **Reconcile** button.

## Viewing Reconciliation History

In the Reconciliation History page, you can view the details of the provisional parcels reconciled with their APNs. You can also use this page to undo a reconciliation.

To view reconciliation history:

1. Select the Parcel Reconciliation tile on the Agency Springboard.
2. Click the Reconciliation History tab to view the following fields:

Page Element	Description
<b>Search</b>	By default, the search field shows the street number and street name of the primary address of the unmatched provisional parcel. The search results below appears filtered to list only those matching the search criteria.
<b>Provisional Number</b>	View the provisional number of the parcel. Click the link to view the details of the parcel in a new window.
<b>APN</b>	View the APN of the parcel. Click the link to view the details of the parcel in a new window.
<b>Address</b>	The primary address of the parcel.
<b>Owner</b>	The name of the primary owner of the parcel.
<b>Map Book</b>	The recorded map book for the parcel.
<b>Page</b>	The recorded map book page for the parcel.
<b>Lot</b>	The lot number of the parcel in the Detail Land Information, which is part of the APN.
<b>Reconciled By</b>	The user id of the person who reconciled the parcels.

Page Element	Description
<b>Date Reconciled</b>	The date on which the provisional parcel was reconciled with its APN.
<b>Undo Reconciliation</b> button	To disassociate parcels which were incorrectly reconciled.

## Undoing a Reconciliation

To undo a reconciliation:

1. Select Parcel Reconciliation on the Agency Springboard.
2. Click the **Reconciliation History** tab.
3. Click the **Undo Reconciliation** button and confirm to revert the reconciliation.

## Security Details for Managing Property Information

This topic describes important security roles, requirements, or considerations specific to managing property information.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Manage Parcel Transactions	Manage public sector parcel transactions.	PSC System Administrator PSC Business Analyst

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

# 13 Managing Contractor Information

## Security Details for Managing Contractor Information

This topic describes important security roles, requirements, or considerations specific to managing contractor information for permits and planning applications.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Registered Public User	Manage contractors in permits for which an applicant or a contact has access until the permit is closed.	PSC Registered Public User
PSC Agency Permits Inquiry	View contractor information on permit applications.	PSC Agency Staff - All Agency users
PSC Permit Contractor Management	Add and update contractor information on permit applications until they are closed.	PSC Business Analyst PSC System Administrator PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC System Administrator PSC Permit Technician
PSC Permits Management with Elevated Access	Delete sections of contractor information on permit applications.	PSC Permits Supervisor PSC System Administrator
PSC System Administrator	Manage contractor information on permits at all times.	PSC System Administrator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Registered Public User	Manage contractors in planning applications for which an applicant or a contact has access until the planning application is closed.	PSC Registered Public User
PSC Agency Planning and Zoning Inquiry	View contractor information on planning applications.	PSC Agency Staff - All Agency users

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Planning and Zoning Contractor Management	Add and update contractor information on planning applications until they are closed.	PSC System Administrator PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Business Analyst PSC Principal Planner
PSC Planning Application Management with Elevated Access	Delete sections of contractor information on planning applications	PSC Zoning Administrator PSC System Administrator
PSC System Administrator	Manage Contractor information on planning applications at all times	PSC System Administrator

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Contractor Master Administration	Administer main contractor records.	PSC System Administrator
PSC Contractor Master Management	Manage main contractor data.	PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Inspections Supervisor PSC Economic Development Officer PSC Chief Building Officer PSC Cashier PSC Business Analyst PSC Building Inspector PSC Principal Planner PSC Planning Coordinator PSC Plan Reviewer PSC Permits Supervisor PSC Permit Technician



For more information on creating roles for Oracle Permitting and Licensing, see *Creating Custom Roles for Oracle Permitting and Licensing*.

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the *Security Reference for Oracle Permitting and Licensing*.

## Contractor License Overview

Permit and planning applications can include information about the contractors who perform the work. Agency contractor records help you manage contractors used in the system to ensure licenses are active and in good standing.

### Contractor License Information

Contractor information is stored and maintained in the agency's contractor records, where agency staff manually adds or loads licenses from an external source. Additionally, when agencies don't limit license selection to their list of contractor records and also integrate with an external licensing body, applicants can supply contractor information in permit and planning applications. If an application includes a license number that doesn't yet exist in your main records, submitting the application creates a new contractor record.

If you implement contractor integration, you can validate license information against your state or other external licensing body using the integration capabilities of Oracle Integration Cloud (OIC).

Regardless of whether you integrate with an external licensing body, your contractor records include the same type of information. However, integration affects how you view and manage certain information. The following table describes how you manage information using only contractor records maintained by the agency or using an integration to validate and add licenses to your contractor records.

Information Type	Contractor List Only	Contractor List and External Source
All	<p><b>Note:</b> The agency limits the contractor selection to the agency-maintained contractor list.</p> <p>The agency allows applicants to select contractor licenses from the agency-maintained contractor records list only. In this case, applicants can search for and select licenses from the contractor records only and not from the external licensing body.</p> <p>Agency staff with appropriate permissions manually enter or update license information in the contractor list. Contractor records can also be loaded from an external source, but license selection in the application is still limited to licenses in the list.</p> <p>Applicants who are contractors or their authorized agents can search for and select their license to retrieve information from the contractor list, but can't manually enter their license information.</p>	<p><b>Note:</b> The agency doesn't limit the contractor selection to the agency's contractor list.</p> <p>The agency allows applicants to select contractor licenses from the contractor records list or an integrated external source. The validation process checks your contractor records first, and if you don't yet have a record of the license, the process retrieves information from the licensing body.</p> <p>Agency staff and applicants perform a real-time license number validation that retrieves license details from the licensing body. For most users, the license detail fields are read-only, and re-validation is the only way to update the information. However, system administrators are able to modify contractor information.</p> <p>Applicants who enter a license number in an application can use the same validation process.</p>

Information Type	Contractor List Only	Contractor List and External Source
	<p>Applicants who are not contractors or authorized agents, such as homeowners, can optionally search for and select licenses to retrieve information from the contractor records about the license and contractor. The same is true for agency staff who are applying on behalf of this type of applicant.</p> <p>You can search for a contractor by license number, business name, or owner name to retrieve license information.</p>	<p>Applicants who self-identify as contractors or the contractor's authorized agents must select at least one license number.</p> <p>Other applicants can search for and select a license to retrieve license details, but they can also leave the contractor license blank. They can't manually enter data.</p> <p>You can search for a contractor by license number, business name, or owner name to retrieve license information.</p>
License status	<p>Agency staff uses the <i>Status</i> field to indicate if a license is active, suspended, expired, and so forth.</p> <p><b>Note:</b> The license status is independent of contractor approval. For example, a license can have an active status but is disabled for use because it isn't approved. Licenses must be enabled to be entered in an application.</p> <p>Applicants can see the internal status if they bring details from your contractor records into an application. They can't modify the status.</p>	<p>The license validation process retrieves a <i>source status</i> from the external licensing body. This status is read-only for all users, and can only be updated by re-validating the license number.</p> <p>Your status mapping settings assign a default agency status based on the source status. Agency staff can update the internal status.</p> <p>Your status mapping settings also specify if specific source statuses will prevent applicants from submitting applications. If the application is declined due to the source status, the applicant sees a message explaining that the application can't be submitted. Note that the expiration date is checked regardless of status validation. If the license is expired, the application is declined regardless of the status.</p>
License type	<p>When integration is not enabled, the agency must create a license type for contractor licenses. Set up the license type in the contractor license options.</p> <p>Applicants must select this value as the license type when they enter contractor license information in an application.</p> <p>Oracle recommends creating a single license type for contractors, and using license classifications to track the specific types of work that a contractor is licensed to perform.</p>	<p>License types are not enabled in the contractor options, and applications do not include a license type field.</p> <p>Use license classifications to track the specific types of work that a contractor is licensed to perform.</p>

## Adding Licenses to an Application Form

Whether you're a homeowner, contractor, a contractor's authorized agent, or agency staff, you select a contractor license associated with the project while applying for a permit or on a planning application. You also identify a contact person for the license.

Your agency may limit your license selection in the application to their own list of contractors, regardless of an integration with an external source. In this case, the contractor list is the source of truth. Only agency-approved

contractors can be entered in the application. You can search for a contractor by license number, business name, or owner name to retrieve license information.

When your agency doesn't limit your license selection to their list of contractors, and the system integrates with an external licensing body, the process still initially checks the data in the main contractor records. You must have the exact license number to retrieve license information from the external source.

If configured by your agency, the system sends an email notification to contacts on the intake form upon application submission as well as to new contacts when they are added to the application after submission.

When public users review details for submitted applications, they can see the contractor information. As with all other information in a submitted application, the contractor information is read-only for public users.

## Applying as a Contractor or Authorized Agent

Contractors or authorized agents can submit an application for a permit or planning application. A contractor's authorized agent, such as an employee or contractor associated with the contracting business, can submit applications on behalf of a contractor. The applicant can self-identify as a contractor or authorized agent in the Contractor field group in an application form. When entering the contractor information, you select *Contractor* or *Authorized Agent* as the applicant role. If you don't self-identify as a contractor or authorized agent, this option doesn't appear, and the applicant role is *Applicant*.

Information about self-identified agents is saved to the associated contractor license details. Newly identified agents are saved with a status that shows that verification is pending. Agency staff can review the information, update the verification status, and indicate whether the authorized agent is a contractor operating under the contractor license.

If an applicant self-identifies as a contractor or authorized agent, then the applicant must select a contractor license. If integration is active and license selection isn't limited to the contractor list, the applicant can find the contractor using the exact license number.

The contractor information fields are populated by the process of validating a license number and only a system administrator can manually update them. The system creates a new contractor record in the agency's contractor list if there isn't already a record for the specified license number, and the applicant's contact information is automatically added to the Contacts page in the contractor license details.

Agency staff updating contractor information in the submitted application details can also identify the applicant as a contractor or authorized agent for the selected license.

## Submitting an Application with License Alerts

If your agency has applied one or more conditions to the contractor license, you'll see an icon for the most severe condition when you add a contractor license. You can select the license but depending on the condition rules, you may not be able to submit the application until the condition is resolved. Click the **Condition Applied** icon to see a list of the conditions, including the condition name, severity, description, and the date when the condition was applied.

Agencies also sometimes add extra validations when you add contractors to make sure that contractor licenses meet permit requirements. The license requirements for a permit can include a specific license type, classifications, and insurance attributes. Validations can also check the license expiration date. Depending on the validation setup, you may not be able to submit the application if requirements aren't met.

When you select a contractor to add to an application with license validations, the system displays an alert listing the contractor's missing requirements. Once you've added one or more contractors to the application, you'll see an alert that lists the combined validations for the permit. The addition of another contractor can satisfy the permit-level validation requirements. For example, if a permit requires at least one contractor to be a General Contractor, the requirement is satisfied when a General Contractor is added, regardless of the classifications of other licenses.

The Contractor page in the permit details displays the same missing attributes for contractors added during application intake and after submittal.

## Adding License Contacts

When applicants add the contractor license to the intake form from the agency's contractor records, they select a contact person from the list of verified contractors associated with the license. They can't select an authorized agent as a contact person. When the applicant selects **Done** for the license information in the intake form, the selected contact person also appears in the **Contacts** section of the form. If there are multiple contractors associated with the license, applicants can select only one contact person.

Depending on the contact type the applicant assigns, the contact will have access to this permit or planning application. When the application is submitted, the applicant who self-identifies as a contractor or authorized agent is added to the list of contacts for the license in the agency's contractor records. The contractor will be available to select as a contact on application forms after the contractor details are verified on the contractor license details page.

**Note:** Only authorized agents identified as verified contractors on the license Contacts page can be selected as a contractor license contact person on permit or planning application intake forms.

Agency staff can also manually add contractors and authorized agents to the contractor license details on the Contacts page. Only system administrators can remove contacts from a contractor record.

## Working with Contractor Licenses



Agency staff use the main contractor license page to view a list of records and summary information about each contractor license.


From here, you can manually create a license record. You can also take various actions for each contractor license, such as accessing license details, and validating or deleting the license record.

Depending on your agency's implementation, the grid on the contractors list page appears in a condensed format, where several fields appear in a column, or an expanded format, where one field appears in each column.

Here's an overview of the summary information and actions you can take on the contractors list page as displayed in the condensed format:

1. Select **Contractor > Contractors**.
2. Review the following summary information:

Page Element	Description
 Lock	Indicates that at least one condition is applied to the contractor license. The icon displays the most severe condition. Click the icon to see a list of all applicable conditions, including the condition name, severity, description, and when the condition was applied.
 Hold	A Lock condition enforces all rules to restrict permit and planning application activity associated with a license. A Hold condition indicates that one or more rules apply. And the Notice condition shows there's an issue but no restrictions. For more information, see <a href="#">Applying Conditions to Contractor Licenses</a> .

Page Element	Description
 Notice	
<b>License</b>	Displays the contractor license number and its status.
<b>License Type</b>	Displays the license type. The agency sets up contractor license types on the Contractor License Options page.
<b>Dates</b>	Displays the license issue date (or reissue date, if one exists), and the license expiration date.
<b>Contractor</b>	Displays the name of the contractor business and owner name.
<b>Address</b>	Displays the address of the contractor business.
<b>Phone</b>	Displays the phone number of the contractor business.
<b>Email</b>	Displays the email address of the contractor business.
<b>Last Refreshed</b>	Displays the date that license information was most recently synchronized with the external licensing body's record. This field is relevant only if integration is active.
<b>Used in Application</b>	<p>Displays <i>Yes</i> or <i>No</i> to indicate whether this contractor is associated with any permit or planning applications.</p> <p>When a record is created in the main contractor pages, the initial value is <i>No</i>. The value is <i>Yes</i> if an application referencing this license has been submitted.</p>
<b>Contractor Approved</b>	<p>Displays <i>Yes</i> or <i>No</i> to indicate whether this contractor license is approved by the agency and available for use with an application. You can't select a contractor license or submit an application when a license is not approved in the contractor records. If the agency changes a license to not approved after an application was submitted, an icon on the license in the application details indicates that the license is not approved.</p> <p>This option doesn't affect the license status. For example, you can change an active license to not approved for business purposes.</p>

- Click the column to sort by the fields in each column. When the grid is in the condensed format, you can click the **Contractor** column to sort by *Business Name* or *Owner Name*. In the expanded format, **Business** and **Owner** are separate columns. In the expanded format, you can personalize the grid display in addition to sorting by column. For information about condensed and expanded grid formats and common grid controls, see *Using Grids* and *Personalizing Grid Displays*.
- Use the three-dot **Actions** menu to perform these actions:

Action	Description
<b>Validate</b>	Select to retrieve and save updated license information from an external licensing body. This action is available only when integration with the licensing body is enabled.
<b>Delete</b>	Select this action to delete the contractor record. This action is available only to system administrators and only when the contractor record hasn't been used in any applications, as indicated by the value in the <b>Used in Application</b> field.

- Select the row of the contractor license to access the detail pages, where you can update the contractor information, including contractor approval.

## Adding Contractor Licenses

Agency staff with appropriate permissions can manually enter individual contractor license information in the main contractor records shown in the list on the Contractors page.

Your agency may initially use an automated batch method to load multiple records from a file or an integration with an external licensing body. The batch method can also be used to update license records through an integration on a regular basis. For more information about adding or updating contractor licenses automatically, see *Loading Contractor Licenses and Contacts*.

For information about adding contractor licenses to a permit or planning application after it's been submitted, see *Working with Contractors and Agents in Applications*.

Here's how to manually add a contractor license to the contractor records:

- Select **Contractor > Contractors**.
- Click **Add**.

The **Add Contractor** page displays the following the read-only information:

Page Element	Description
<b>License Source</b>	Identifies the license's status coming from the licensing body and brought in through integration with the external source.  See <i>Setting Up Contractor License Options</i> .

- In the **License Number** field, enter the license number that was issued by the licensing body.

4. Turn on the **Contractor Approved** switch to indicate that this license is available for use in applications.
5. If you do *not* integrate with an external licensing body, enter the following:

Page Element	Description
<b>License Type</b>	<p>Select the license type for contractor licenses. Although your agency can create multiple license types as part of the contractor options, Oracle recommends using a single license type for contractors, and using license classifications to track the specific types of work that a contractor is licensed to perform.</p> <p>This field is not visible if you integrate with an external licensing body.</p>
<b>License Status</b>	<p>Select the license status. Values include <i>Active</i>, <i>Canceled</i>, <i>Expired</i>, <i>Suspended</i>, <i>Revoked</i>, and <i>Inactive</i>.</p> <p>This field is available even when integration is active, but the initial value is based on the status from the external licensing body and the contractor options that map licensing body statuses to internal statuses.</p> <p>When you're setting up the status rules in the contractor license options, you can indicate which statuses allow an application to be submitted. For more information, see <a href="#">Setting Up Contractor License Options</a>.</p>

6. If you use integration to get information from an external licensing body:

- a. Click **Validate**.

This button is visible only when integration is enabled. The validation process uses the license number to retrieve additional details from the licensing body. When the process finishes successfully, it populates the rest of the fields on the page.

It's helpful to note that contractor selection in the application intake and the transaction details also automatically fills in the contractor fields. However, this information comes from the agency's list of contractors that have already been validated. If the contractor isn't in the agency contractor list, and an integration is available, the contractor information comes from the external source.

- b. Confirm the license status.

The read-only **Source Status** field displays the status provided by the external licensing body. This value is updated any time you re-validate the license. Your contractor options map the source status to a status that comes from the set of statuses your agency assigns to licenses. If a source status is not mapped to an agency status, the default agency status is *Other*.

7. Enter, update, or review information about the business.

You can enter or update data if you do not use integration. If integration is active, the fields are read-only.

Business information includes these fields:

Page Element	Description
<b>Business Name</b>	The name of the contractor business.

Page Element	Description
<b>Owner Name</b>	The owner of the contractor business.
<b>Ownership Type</b>	The ownership structure for the business, such as <i>Sole Proprietor</i> or <i>Partnership</i> .
<b>Postal Code</b>	<p>The business address. The <b>Country</b> field displays US.</p> <p>As you enter a <b>Postal Code</b>, the type-ahead list shows values that include appropriate city and state combinations. After you select a value, the city and state appear as read-only fields, and two address fields appear so that you can enter the rest of the address.</p> <p>If you don't know the postal code, click the <b>Don't know</b> link to display a full set of address fields.</p>
<b>Address Line 1</b> and <b>Address Line 2</b>	The business address. Only one address line is required.
<b>Phone</b>	The phone number for the business.
<b>Email</b>	The email address for the business.
<b>Issue Date</b>	The date that the license was originally issued.
<b>Reissue Date</b>	The date that the license was reissued after a period of inactivity or after it expired.
<b>Expire Date</b>	The date that the license expired or is due to expire.

8. Enter, update, or review additional information about the business.

You can enter or update data if you do not use integration. If integration is active, the fields are read-only.

System-wide contractor options determine what additional information is available and how it is labeled. Your agency can change the section names on the Contractor License Sections page. If the agency displays all available information using the default labels, these sections appear:

Section Name	Description
<b>Classifications</b>	<p>License classifications indicate the type of work that the contractor is licensed to perform.</p> <p>This grid lists a <b>Code</b> and a <b>Description</b> for each classification.</p>



Section Name	Description
	If integration is not active and the fields are editable, selecting a code displays the associated description.
<b>Contractor Bond</b>	Contractor bond information includes the <b>Company Name</b> (the bond issuer), <b>Policy Number</b> , <b>Amount</b> , <b>Effective Date</b> , and <b>Cancellation Date</b> .
<b>Other Bonds</b>	Information for other bonds includes a <b>Qualifier Name</b> (the name of the qualifying individual on the bond) and the same fields that appear for contractor bonds.
<b>Workers' Compensation</b>	Insurance information includes the <b>Insurance Type</b> (such as Workers' Compensation), <b>Company Name</b> , <b>Policy Number</b> , <b>Exempt</b> status, <b>Effective Date</b> , <b>Expiration Date</b> , <b>Cancellation Date</b> , and <b>Suspend Date</b> .
<b>Attachments</b>	<p>Supporting documents can be added after license information has been saved. Attachment information includes the uploaded document, <b>Document Category</b>, and <b>Document Subcategory</b>.</p> <p>When you modify attachments in the contractor record details, you can add a reference to a person associated with the attachment in the <b>Assigned To</b> field.</p> <p>You can modify or delete an attachment only if you uploaded it.</p>

9. To clear all information and start over, click the **Clear** button and go back to the step where you enter a license number.
10. Click **Save**.

## Managing Contractor License Details

Agency staff can modify the details for an individual contractor license depending on the assigned permissions. Staff can also manage comments and attachments.

### Modifying License Details

When your agency isn't integrated with an external licensing body, both system administrators and permit technicians can update license information. When integration is on, only system administrators can update license information, but permit technicians can approve licenses.

Only agency staff with the contractor administration duty role have the privileges needed to delete a license from the contractor records.

To modify the license information for a contractor:

1. Select **Contractor > Contractors**.
2. Select the row of the contractor license that you want to modify.

3. Click the License Details tab in the left panel or the **View Details** link under the License Details section on the overview page.
4. Click **Edit**.
5. Make your updates:
  - o Turn on the **Contractor Approved** switch to indicate that this license is available for use in applications.
  - o Update the **License Status**.
  - o If integration is active, click the **Validate** button to retrieve the most recent contractor information and refresh the license detail fields.  
System administrators can update data manually even when integration is active.
  - o If integration is not active, manually modify the contractor information as needed.
6. Click **Save**.

## Working with Attachments

Only agency staff can add, view details, download, or delete attachments in the contractor license record details on the Attachments page. You can modify or delete an attachment only if you uploaded it. Click the Attachments tab in the left panel to open the Attachments page.

1. On the Attachments page, click **Add** to upload the file.
2. Add a description, document category, and document subcategory on the Add Attachments page.  
If there are agents for the contractor associated with this contractor license, you can select one of those people to reference in the **Assigned To** field.
3. Click the **Actions** icon and select *View Details* for an attachment to view or modify details. You can update the description, document category, document subcategory, and referenced person.
4. To download or delete an attachment, click the **Actions** icon and select the respective link.

For more information, see [Working with Attachments](#).

## Adding Comments

Only agency staff can add or delete comments in the contractor license record details on the Comments page. You can modify or delete a comment only if you added it. Click the Comments tab in the left panel to open the Comments page. Comments are for internal reference only and not visible to the public.

1. On the Comments page, click the **Add Comment** button to open the Add Comment page and enter a new comment in rich text formatting. Rich text formatting enables you to select fonts, add numbered lists, insert links, and more.
2. You can modify or delete a comment only if it was entered by you. Click the specific comment row to open the editor view and make changes or click the **Delete** button.
3. Click **Save** to post the comment and return to the Comments page.

For more information, see [Working with Comments](#) and [Managing Comments](#).

## Adding Contractor License Contacts

Contacts for a contractor license can be collected during the application process, manually added to the agency-maintained contractor license information, and loaded from a file using a batch import process.

When applicants identify themselves as authorized agents for a contractor in a permit or planning application, their contact information appears on the Contacts page in the license details. Agencies can also manually add contractor contacts or authorized agents associated with the license directly to the contractor license details. You can add contacts who are already registered in the system and also register new contacts.

To add multiple license contacts to the license details from a file, use the Load Contractors batch import process. Once the contacts have been loaded, you can update contact information or register new contacts so that they have access to the applications they are associated with. For more information about the batch import process, see *Loading Contractor Licenses and Contacts*.

When a contact is added, the status is automatically verified and active. Only contacts with a *Contractor* contact type and an *Active* status can be selected as the contractor's contact in an intake form.

Only system administrators can delete contacts from the license details.

## Manually Adding License Contacts

Here's how to manually add contacts who are already registered in the system to the license details:

1. Select **Contractor > Contractors**.
2. Select the row of the contractor license that you want to modify.
3. Click the Contacts tab in the left panel to open the Contacts page.
4. On the Contacts page, click **Add** to add a contact.
5. On the Select from Registered Users page, click the row for the contact you would like to add.
6. Select the contact type from the drop-down list. Choose from *Contractor* or *Authorized Agent* and click **OK**.
7. Select a contact in grid to update the verification status and contact information on the Contact Details page. You can't update the contact's name.

You can also register a new contact when you manually add a contact to the license details:


1. On the Contacts page, click **Add** to add a contact.
2. On the Select from Registered Users page, click the **Register New Contact** link.
3. Fill out the registration form with contact information and select the contact type from the drop-down list. Choose from *Contractor* or *Authorized Agent*.
4. Click **Register**.
5. Click **Done** on the Registration Confirmation page.

## Working with License Contacts Loaded from a File

When a contact has been added to the license details from a file using the batch load process, you can manually update the contact information, update the contact information by selecting a registered user, or register the contact.

The batch load process replaces license contacts already in the license details with the contact information from the file if there's a matching email, first name, middle name, and last name. If an exact match of email and name isn't found, the process creates a new license contact.

Here's how to update license contacts that were loaded from a file in the license details:

1. In the Contacts grid, you'll see the **Contact Uploaded from File** icon in the row of contacts added using the batch load process: 
2. Click the row of the contact you want to manually update. On the Contact Details page, you can update the contact information, including the name, verification status, contact type, email address, address, and phone.




3. If you want to update the contact information by selecting a registered user or register the contact, click the **Actions** button at the end of the row for the selected contact and click *Select or Register User* in the actions menu.
4. On the Select from Registered Users page, you can:
  - o Select an existing registered user from the list.  
If the email address of the loaded contact matches a registered user in the system, select the user in the search results to update the contact information.  
Select the contact type from the drop-down list: *Contractor* or *Authorized Agent* and click **OK**.
  - o Click the **Register New Contact** link to register this contact using the loaded contact's information.  
The registration form is automatically filled in with contact information from the loaded file. Select the contact type from the drop-down list: *Contractor* or *Authorized Agent*.  
Click **Register**.  
Click **Done** on the Registration Confirmation page.

## Viewing Contractor License Use

The Transactions page in the contractor details provides a list of the permit and planning applications where the contractor is used.

Agency staff can view all transactions associated with the contractor license in the agency's license details.

1. Select **Contractor > Contractors**.
2. Select the row of the contractor license that you want to review.
3. Click the Transactions tab in the left navigation panel.
4. View the applications listed on the Transactions page.

Page Element	Description
	Indicates the column that shows condition icons when a grid is displayed in the expanded format. Click the condition icon to view a list of conditions placed on the application and drill down to the Conditions page in the application details.  For more information about conditions placed on permits or planning applications, see <a href="#">Applying Conditions to Applications</a> .
 Show All Statuses	Turn on the switch to display applications that are no longer in progress, such as completed or withdrawn. When the switch is off, the grid displays only applications that are in progress.
	Indicates applications where the contractor is no longer being used.

Page Element	Description
Application information	<p>Review summary information about an application:</p> <ul style="list-style-type: none"> <li>○ ID</li> <li>○ Application</li> <li>○ Status</li> <li>○ Property</li> <li>○ City</li> <li>○ Description</li> <li>○ Applicant</li> <li>○ Total Fees</li> </ul>

**Note:** For information about grid formats and common grid controls, see *Using Grids* and *Personalizing Grid Displays*.

5. Click the transaction row to open the application's Overview page in the permit or planning application details. If the transaction is in a *Pending* status, the application form opens when you click the row.

## Managing Authorized Agents

Authorized agents are added when an applicant self-identifies as an agent for a licensed contractor on an intake form. Agency staff can also manually add and update authorized agents on the Contacts page in the contractor record details, and indicate whether the authorized agent is a contractor operating under the contractor license.

The agent's name and contact information are copied from the applicant information on the intake form and added to the contact list in the **Contacts** tab of the contractor license details. You can verify the agent and update their verification status depending on the results. Agents who are pending verification or whose verification failed have an inactive status.

When you manually add an authorized agent or contractor to the contractor details, the new contact is automatically active. For information about manually adding authorized agents or contractors operating under a license, see "Adding Contacts" in *Managing Contractor License Details*.

To manage authorized agents for a license:

1. Select **Contractor > Contractors**.
2. Locate and select the contractor license.
3. Click the **Contacts** tab in the left navigation pane to access the Contacts page with authorized agents and contractors associated with the license.
4. Review the following information:

Page Element	Description
<b>Name</b>	Displays the authorized agent or contractor's name, email, and phone.

Page Element	Description
<b>Email</b>	Displays the email address of the license contact.
<b>Phone</b>	Displays the phone number of the license contact.
<b>Business</b>	Displays the business name of the license contact.
<b>Type</b>	<p>Displays the relationship this person has to the contractor license:</p> <ul style="list-style-type: none"> <li>○ <i>Authorized Agent</i>: A person who has shown valid documentation for using this license.</li> <li>○ <i>Contractor</i>: A person who is a contractor operating under this license.</li> </ul> <p><b>Note:</b> Only active contractors can be selected as a contractor license contact on the permit or planning application intake form.</p>
<b>Status</b>	<p>Displays <i>Active</i> if the agent has been verified.</p> <p>Displays <i>Inactive</i> if verification is pending or the verification has failed.</p>

5. Click a row to access agent details.
6. Update the **Verification Status** by selecting *Verified*, *Pending verification*, or *Verification failed*.

The default status for an agent who submits an application is *Pending verification*. When you manually add an agent, the status is *Verified* and the status is *Active*.

7. Update the **Type** by selecting *Authorized Agent* or *Contractor* to indicate how the person is associated with the license.
8. Make any necessary changes to the agent's contact information, including business name.

You can update everything except the agent's name.

9. Click **Save**.

## Applying Conditions to Contractor Licenses

Agency staff can apply conditions to contractor licenses to indicate an issue exists and limit permit or planning application activity when the contractor license is used. For example, a condition applied to a contractor license may prevent the submittal of an application where the license is selected or an inspection can't be requested for a permit associated with the license.

Agency staff apply, modify, and resolve contractor conditions on the contractor records in the agency-maintained list. The Conditions page in the contractor details lists all of the conditions applied to the selected contractor, with applied conditions followed by resolved conditions. The condition indicator in the header of the detail pages displays




the most severe condition. Click the **All Conditions** link next to the icon to open a modal window that displays all active conditions applied along with their severity, applied date, and display message.

When you select the option to apply a contractor condition to transactions, the contractor condition is applicable to permits and planning applications when the license is used. You can choose whether to apply the condition to in-process permits and planning applications.

**CAUTION:** Changing the license type clears conditions on the license. The license type can only be changed when the license isn't used on a transaction and doesn't have any conditions. For more information about license types, see [Contractor License Overview](#) and [Adding Contractor Licenses](#).

## Adding a Condition to a Contractor License

1. Click **Contractors** on the agency springboard.  
Select a contractor license.  
Click **Conditions** in the left panel.
2. Click **Apply Condition** in the right panel.
3. On the Condition Details page, enter values for the following fields:

Page Element	Description
<b>Condition Name</b>	Use the lookup prompt to search for and select the condition that you want to apply. The search page lists the available conditions set up for contractor licenses along with their severity, display message, and description.  For more information on conditions, see <a href="#">Setting Up Conditions</a> .
<b>Display Message</b>	Displays the message associated with the selected condition. This message is entered by your agency administrator in the setup page and can't be updated here.
<b>Severity</b>   Lock  Hold   Notice	Displays the level of severity defined for the selected condition. <ul style="list-style-type: none"> <li>○ <i>Lock</i>: This severity suspends all operations and selects all rules for the condition.</li> <li>○ <i>Hold</i>: This severity enables agency staff to select the rules that apply to the condition.</li> <li>○ <i>Notice</i>: This severity functions as an alert and has no effect on operations.</li> </ul>
<b>Apply Condition to Transactions</b>	Applies the condition to permits and planning applications that are associated with the selected contractor license.  When you turn off this switch, the only condition rule that can apply is <i>Prevent Application Progress</i> , which prevents you from submitting an intake form using the contractor or manually adding the contractor to a permit or planning application.  The condition setup determines whether this switch is turned off or on by default.

Page Element	Description
	<p>For more information on setup and condition rules, see <a href="#">Setting Up Conditions</a>.</p>
<p><b>Include in-process transactions</b></p>	<p>Turn on this switch if you want to apply the condition to the in-process permits and planning applications related to the contractor license.</p> <p>This option appears only if the <b>Apply Condition to Transactions</b> switch is turned on.</p> <p>You can click the <b>View Impacted Transactions</b> link to view the list of permits and planning applications where the condition will be applied.</p>
<p><b>Condition Rules</b></p>	<p>Condition rules available for selection are based on the severity of the condition you have selected. For example, for a condition with a Hold severity, you must select at least one condition rule, and for a condition with Lock severity, all condition rules are automatically applied.</p> <p>Available rules include the following:</p> <ul style="list-style-type: none"> <li>○ <b>Prevent Application Progress</b> (applicable only when a license is used on an intake form)</li> <li>○ <b>Prevent Workflow Advancement</b></li> <li>○ <b>Prevent Issue or Final</b></li> <li>○ <b>Prevent Payment</b></li> <li>○ <b>Prevent Inspection Schedule</b> (applicable only to permits)</li> <li>○ <b>Prevent Inspection Result</b> (applicable only to permits)</li> <li>○ <b>Prevent Final Inspection</b> (applicable only to permits)</li> </ul> <p>You also can't add the license to the Contractor page in the application details when the <b>Prevent Application Progress</b> rule is applied.</p> <p>For condition rule descriptions, see <a href="#">Setting Up Conditions</a>.</p>
<p><b>Priority</b></p>	<p>Select a priority for the condition. Values are <i>High</i>, <i>Medium</i>, and <i>Low</i>.</p>
<p><b>Description</b></p>	<p>Displays the description entered by your agency administrator on the condition setup page, but you can update the text here.</p>
<p><b>Additional Information</b></p>	<p>Displays additional information entered by your agency administrator in the condition setup page, but you can enter new information here.</p>

4. Click **Save**.



## Resolving a Condition

You can resolve a condition that was applied to a contractor license. You must resolve the Lock and Hold conditions on licenses to lift any restrictions on application activity.

1. Click **Contractors** on the agency springboard.

Select a contractor license.

Click **Conditions** in the left panel.

2. Click **Resolve** for the condition you want to remove.
3. On the Resolve Condition page, enter a description of how the condition was resolved in the **Resolution Action** field.
4. Click **Save**.

You can view resolution details for a resolved condition by clicking the **View More Details** button for a condition in the list.

## Modifying a Condition

You can modify a condition that you applied to a contractor license.

1. Click **Contractors** on the agency springboard.

Select a contractor license.

Click **Conditions** in the left panel.

2. Click the **View More Details** button for the condition you want to modify.
3. On the Condition Details page you can update the priority, description, and additional information.
4. Click **Save**.

You can't modify any fields for a resolved condition, but you can view the resolution details by clicking the **View More Details** button.



# 14 Managing Communications

## Using the Communication Center

The Communication Center for agency staff lists all alerts, emails, notifications, and texts that have been triggered from the system and sent manually. You can also post a banner alert, send an email, notification, or text as needed, and manage communication errors.

The communications that appear in the Communication Center were sent as part of an event or action that a registered public user or agency staff performed, or that the agency staff sent to the user directly. In-application communications associated with a particular business license, permit, or planning application also appear in the Communication Center. All communication errors that occurred are listed in the error log tab, which is visible only to system administrators.

For information about creating and updating ad hoc communications in the Communication Center, see *Working with Ad Hoc Communications*.

You access the Communication Center by clicking the tile on the Agency Springboard or selecting **Communication Center** in the Navigator.

## Managing Communication Errors

The error log displays the error message captured by the system as well as information about the communication. Only system administrators have access to the error log and can trace a problem back to its source. For example, if the communications server is unavailable or the attribute information in a communication template is incorrect, the system administrator can troubleshoot based on the error log information.

Select the **Error Logs** tab in the Communication Center to access error information. You can review these details for each error:

Page Element	Description
<b>Transaction Reference</b>	Displays the permit number, which is the first key name and value of the record.
<b>Event and Template</b>	Displays the event name and template name used in the communication.
<b>Error Reference</b>	Displays a system-generated reference number for the error.
<b>Channel Type</b>	Identifies the channel type used by the communication. For example, web form, email, notification, or text.
<b>Error Text</b>	Displays the error captured by the system. The message may identify the source of the error such as a problem with a template.
<b>Created By</b>	Lists the person who initiated the communication and when the error log entry was created.

When resolving errors related to the communication template, see information about working with attributes in *Using Attributes in Communication Templates*.

## Working with Ad Hoc Communications

Ad hoc communications enable agency staff to create and distribute emails, notifications, and texts as well as post banner alerts as needed. Agency staff can create and update ad hoc communications in the Communication Center.

Alerts appear as text in the banner of the Agency Springboard or the landing pages for all anonymous users or guests, all registered users, or individual users. Emails are messages sent to recipients and accessed through an email client. Notifications appear when registered users click the notification icon in the global header at the top of the page. Short message service (SMS) text messages are electronic messages sent to user mobile numbers over a cellular network or through an internet connection.

**Note:** Agency staff can also create application-specific ad hoc emails, notifications, and texts on the Communication Details page in the transaction detail pages. You access the transaction through the Transactions page, where you select a specific business license, permit, or planning application and select the Communications tab in the left-panel navigation. For more information, see *Working with Communications*.

Alert setup using the delivered PSC\_GENERIC\_ALERT event is also available. For step-by-step instructions for setting up alerts using the delivered events, see *Defining Alerts*.

System administrators can troubleshoot failed communications on the Error Logs tab in the Communication Center. For more information, see "Managing Communication Errors" in *Using the Communication Center*.

## Adding Ad Hoc Alerts

1. Select **Communication Center** in the Navigator, or click **Communication Center** on the Agency Springboard.
2. On the Alerts tab of the Communication Center page, click **Add**.
3. On the Alert Details page, enter values for the following fields:

Page Element	Description
Reference Name	Enter a unique name for the alert.
Start Date Time and End Date Time	Enter the date and time when the alert starts and stops displaying.
Enabled	Turn on the switch to activate the alert.
To	Enter a value for the target recipients of the alert: <ul style="list-style-type: none"> <li>○ Individual Registered Users</li> <li>○ All Registered Users</li> </ul> Enter comma-separated user IDs for the registered users, for example, <b>SYSTEM_ADMIN, BUSINESS_ANALYST</b> .

Page Element	Description
	<p>Enter this attribute: <code>\${User}</code>. The application displays the alert when the registered user logs in.</p> <ul style="list-style-type: none"> <li>○ All Anonymous Users</li> </ul> <p>Enter this attribute: <code>\${Anonymous}</code>.</p> <ul style="list-style-type: none"> <li>○ A Combination of Users</li> </ul> <p>Enter a string including comma-separated user IDs for the registered users, <code>\${User}</code> for all registered users, and <code>\${Anonymous}</code> for all anonymous users.</p>
<b>Message Body</b>	Enter the main body of the alert using plain, unformatted text.
<b>Select and Insert</b>	<p>These fields enable you to insert variables for attributes into your message. You select the field and the attribute that you want to insert in that field, and click <b>Insert</b> to enter a variable for that attribute.</p> <p>For example, if you select the <i>Body</i> field and the <i>Current date</i> attribute, and click <b>Insert</b>, the <code>\${Current Date}</code> variable appears in the <b>Message Body</b> field of the alert. When the application displays this alert, the current date is included in the body text.</p> <p>For more information, see <a href="#">Using Attributes in Communication Templates</a>.</p>
<b>Remarks</b>	Enter any reference information for agency use. These remarks are not included in the displayed alert.

4. Click **Save**.

## Modifying Ad Hoc Alerts

1. Select **Communication Center** in the Navigator, or click **Communication Center** on the Agency Springboard.
2. Select an alert on the Alerts tab of the Communication Center page.
3. On the Alert Details page you can update the alert field values.
4. Click **Save**.

## Deleting Ad Hoc Alerts

1. Select **Communication Center** in the Navigator, or click **Communication Center** on the Agency Springboard.
2. On the Alerts tab of the Communication Center page click **Edit**.
3. Select the check boxes next to the alerts that you want to delete.
4. Click **Delete**. You will be prompted to confirm the permanent deletion.

## Sending Ad Hoc Emails, Notifications, and Texts

1. Select **Communication Center** in the Navigator, or click **Communication Center** on the Agency Springboard.
2. On the **Emails, Notifications, and Texts** tab of the Communication Center page, click **Add**.

3. On the Message Details page, enter values for the following fields:

Page Elements	Definition
<p><b>Channel Type</b></p>	<p>Specify what type of ad hoc message you want to send. Values are:</p> <ul style="list-style-type: none"> <li>○ <i>Email</i>: Generates an email that is sent to users.</li> <li>○ <i>Emails and Notifications</i>: Generates both an email and a notification with the same message.</li> <li>○ <i>Notification</i>: Generates a notification that appears when users click the <b>Notifications</b> button in the header at the top of the page in the application.</li> <li>○ <i>Text</i>: Generates a short message service (SMS) text message that is sent to users. You can't change the sent number because it's coming from a third-party service.</li> </ul> <p><b>Note:</b> The fields that are available to define on this page vary depending on the channel type and display format that you select.</p>
<p><b>Visibility</b></p>	<p>Select which users can see this message. All communications can be seen by agency staff. Values are:</p> <ul style="list-style-type: none"> <li>○ <i>Applicant and contacts</i>: Includes agency staff, the applicant, and contacts added to the transaction.</li> <li>○ <i>Agency staff only</i>: Includes only agency staff.</li> <li>○ <i>Applicant</i>: Includes agency staff and the applicant on the transaction.</li> </ul>
<p><b>Display Format</b></p>	<p>Select the display format of the message. Values are:</p> <ul style="list-style-type: none"> <li>○ <i>HTML</i>: Displays rich text, links, and images</li> <li>○ <i>Text</i>: Displays plain, unformatted text.</li> </ul> <p><b>Note:</b> This field does not appear for the <i>Text</i> channel type.</p>
<p><b>Priority</b></p>	<p>Turn this switch on to display the notification at the top of the notification list.</p> <p><b>Note:</b> This field appears only for the <i>Emails and Notifications</i> and <i>Notification</i> channel types.</p>
<p><b>User Can Delete</b></p>	<p>Turn this switch on to enable users to delete this notification from their notification lists.</p> <p><b>Note:</b> This field appears only for the <i>Emails and Notifications</i> and <i>Notification</i> channel types.</p>

Page Elements	Definition
<p><b>Select and Insert</b></p>	<p>These fields enable you to insert variables for attributes into your message. You select the field and the attribute that you want to insert in that field, and click <b>Insert</b> to enter a variable for that attribute.</p> <p>For example, if you select the <i>Body</i> field and the <i>Current date</i> attribute, and click <b>Insert</b>, the <code>\${Current Date}</code> variable appears in the <b>Message Body</b> field of the alert. When the application displays this alert, the current date is included in the body text.</p> <p>For more information, see <i>Using Attributes in Communication Templates</i>.</p>
<p><b>Reference</b></p>	<p>Enter a unique alphanumeric reference for the communication.</p>
<p><b>To</b></p>	<p>Enter a value for the target recipients of the message.</p> <p>For notifications, enter comma-separated user IDs for the registered users, for example, <b>SYSTEM_ADMIN,BUSINESS_ANALYST</b>.</p> <p>For emails, enter comma-separated email addresses for the recipients, for example, <b>john.doe@example.com</b>.</p> <p>Enter comma-separated phone numbers for text messages.</p>
<p><b>Cc and Bcc</b></p>	<p>Enter the email addresses of the people or organizations that you want to receive a copy or blind copy of the message.</p> <p><b>Note:</b> These fields appear only for the <i>Email</i> and <i>Emails and Notifications</i> channel types.</p>
<p><b>From</b></p>	<p>Enter the email address, user ID, or phone number of the person or organization who is sending the generated message.</p> <p>For text messages, select the phone number of the person or organization who is sending the generated text message from the drop-down list. The available numbers come from a third-party messaging service.</p> <p><b>Note:</b> Enter email addresses for the <i>Email</i> and <i>Emails and Notifications</i> channel types, user IDs for the <i>Emails and Notifications</i> and <i>Notification</i> channel types, and phone numbers for the <i>Text</i> channel type.</p>
<p><b>Subject</b></p>	<p>Enter a brief description of the purpose and content of the message.</p>

Page Elements	Definition
	<p><b>Note:</b> This field does not appear for the <i>Text</i> channel type.</p>
<b>Message Body</b>	<p>Enter the main body text of the message.</p> <p>For the <i>Text</i> channel type and emails and notifications with the <i>Text</i> display format, you can enter only plain, unformatted text.</p> <p>For the <i>HTML</i> display format, you can enter rich text, links, and images.</p>

4. Click **Send**.

## Viewing Ad Hoc Emails, Notifications, and Texts

1. Select **Communication Center** on the Agency Springboard.
2. For each row on the **Emails, Notifications, and Texts** tab of the Communication Center page you can:
  - o Click the **Actions** icon to resend or forward the message.

Select the **Resend** action to access the message in the Message Details modal page in display-only mode. Click **Resend** to send the message another time to the same list of recipients.

Select the **Forward** action to access the message in the Message Details modal page. Enter new recipients, update the message if necessary, and click **Forward** to send the updated message to the new recipients.

- o Click the **View More Details** button to view detailed information about the message.



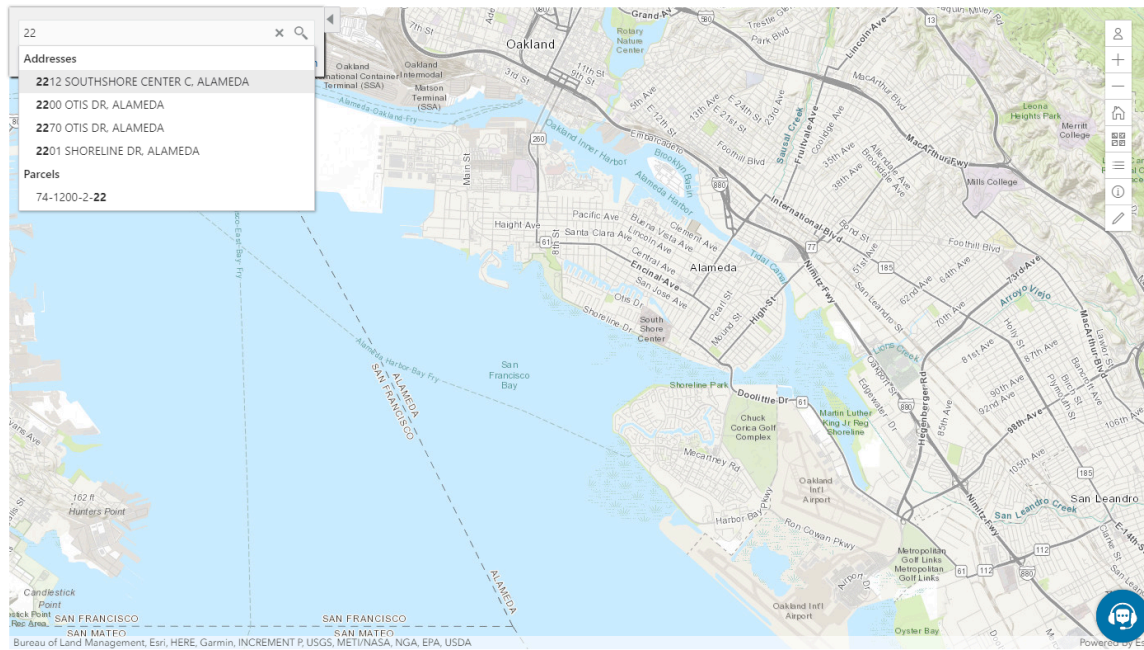
# 15 Working with Maps

## Overview of Delivered Maps

Maps provide a convenient way for agency staff and public users to see and interact with geographical information. For example, maps can show the locations of parcels and addresses as well as the locations of transactions such as permits, planning applications, projects, incidents, cases, and business license activity.

**Note:** Map functionality relies on integration with a third-party map service such as Esri Geographic Information Systems (GIS) and configuration in Oracle Permitting and Licensing. For more information, see the *Implementing Your Cloud Integrations* guide.

This example shows the main map that agency staff uses to see properties and transactions.



The following tables describe the delivered maps in the Oracle Permitting and Licensing system.

### Main Maps

This table lists the main maps that display the agency’s business licenses, permits, planning applications, and projects. There are separate maps for different users. For more information, see *Using the Main Map and Explore Your City Map*.

Map Name	Users	Navigation	Usage
Agency main map	Agency staff	Click the Map icon in the page header, then click <b>Main Map</b> in the drop-down menu that appears.	<ul style="list-style-type: none"> <li>View existing applications and projects.</li> <li>Search and select properties.</li> </ul>

Map Name	Users	Navigation	Usage
			<ul style="list-style-type: none"> <li>View transactions for a selected property.</li> <li>Start new applications for selected properties.</li> <li>Access an interactive guide for selecting application types.</li> </ul>
Guest/anonymous user map	Anonymous public users	Guest users click the <b>Explore Your City</b> tile on the landing page.	<ul style="list-style-type: none"> <li>View existing applications and projects.</li> <li>Search and select properties.</li> <li>View transactions for a selected property.</li> <li>Access an interactive guide for selecting application types.</li> </ul> <p>An anonymous user who attempts to start an application is required to register or sign in first.</p>
Registered public user map	Registered public users	Registered public users click the <b>Explore Your City</b> tile on the landing page.	<ul style="list-style-type: none"> <li>View existing applications and projects.</li> <li>Search and select properties.</li> <li>View transactions for a selected property, and filter transactions so that only the user's own items appear on the map.</li> <li>Start new applications for selected properties.</li> <li>Access an interactive guide for selecting application types.</li> </ul>

## Additional Maps for Applications

This table lists additional maps that support applications:

Map Name	Users	Navigation	Usage
Application intake	Agency staff Registered public users	Access the <b>Property</b> section of a new or submitted application, then click the <b>Map View</b> icon.	<p>Choose properties and other GIS objects to associate with the application.</p> <p>See <i>Working with Property Information</i>.</p>
Mobile inspection	Agency staff	Use the Oracle Inspector mobile application.	View permits and planning applications on a map.

Map Name	Users	Navigation	Usage
			See <a href="#">Overview of Mobile Oracle Inspector for Permits</a> .
Permit list	Agency staff Registered public users	For agency staff: access the application lists on the <b>Transactions</b> page.  For registered public users: access the application lists on the <b>Applications</b> page.  On any of these pages, click the <b>Map View</b> icon.	View the locations of the transactions on the list.  See <a href="#">Managing Transactions</a> .
Public notification	Agency staff	<ul style="list-style-type: none"> <li>Click the Map icon in the page header, then click <b>Public Notification</b> in the drop-down menu that appears.</li> <li>From the Planning Application detail page, select a hearing where the schedule is final, then select the <b>Actions</b> button and choose <b>Generate Notifications</b> from the menu that appears.</li> </ul>	Create a notification zone by specifying a distance from selected parcels.  After creating a notification zone, download.csv files with parcel, address, and owner information for all parcels that are at least partially within the zone.  See <a href="#">Creating Map-Based Public Notification Lists</a> .

## Maps for Code Enforcement

This table lists additional maps that support code enforcement:

Map Name	Users	Navigation	Description
Agency - code enforcement	Agency staff	On the Code Technician Worklist page, go to a tab for managing incidents and then click the <b>Map View</b> icon.	View the locations of incidents that appear on the selected worklist tab.  See <a href="#">Using the Code Technician Worklist</a> .
Code enforcement issue intake	Registered and anonymous public users	Follow the guided process for reporting an issue until you reach the page where you enter the issue location.	Identify the location of an issue that is being reported.  See <a href="#">Reporting Issues</a> .
Mobile code enforcement inspections	Agency staff	When reporting a new violation, click the <b>Location of the incident</b> option.	Identify the location of a violation that is being reported by an inspector who is using the mobile inspection application.  See <a href="#">Overview of Mobile Oracle Municipal Code Officer</a> .

Map Name	Users	Navigation	Description
Public - code enforcement	Registered and anonymous public users	On the code enforcement landing page, click the <b>View Recent Issues</b> tile.	View recent code enforcement issues.  See <i>Viewing Recent Issues</i> .

## Maps in Transaction Headers

This table describes the map that appears in transaction headers:

Map Name	Users	Navigation	Description
Transaction header	Agency staff  Registered public users	Access the detail page for the transaction.	The map that appears at the top of various detail pages. For example, this map appears in the detail pages for business license transactions, permits, planning applications, projects, incidents, cases, parcels, addresses, and owners.  If the transaction is not associated with a location, the map displays the initial extent that is defined on the map profile.

You can set up one transaction header map for everyone or separate transaction header maps for public users and agency users. For more information, see *Implementing Delivered Maps*.

## Using the Map Toolbar

The general toolbar for maps has tools that relate to the map itself, without regard to specific transactions. The map toolbar may also include widgets to add sketches and print map displays, depending on the agency's configuration.

**Note:** Use map profiles to configure which tools are available on a map. For information on configuring which tools appear, see *Setting Up Map Profiles*.

These tools appear on the main toolbar:


Image	Name	Configuration	Description
	Switch Map Profile	This icon appears if multiple profiles exist for the map.	Click to select a map profile. Map profiles control the appearance of the map as well as the availability of other toolbar options.  When you click this icon, a list of map profiles appears. The list

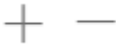








Image	Name	Configuration	Description
			displays the profile name and a thumbnail image of the map that illustrates its general appearance.
	Zoom In and Zoom Out	Use the <b>Enable Zoom</b> switch on the map profile.	Use these tools to zoom in or out.  You can also double-click a map location to zoom in.
	Show Default Map View	Use the <b>Enable Default Map View</b> switch on the map profile.	Click to restore the map to its default (home) display area.
	Select Base Map	Use the <b>Enable Base Map Gallery</b> switch on the map profile.	Click to display a pop-up window for selecting a map type such as <i>Streets</i> or <i>Topographic</i> .
	Select Layers	Use the <b>Enable Map Layers</b> switch on the map profile.	Click to display a pop-up menu for changing the visibility of various map layers. Examples of layers include the parcel layer and address layer provided by the map service. Click the <b>Sketch</b> button to show or hide sketches that have been drawn on the map.
	Show Attribution (for maps in page headers)	This toolbar button is not configurable. Some maps have this button, while other maps, such as Explore Your City, display attribution information across the bottom of the map page.	Click to display a pop-up window that identifies the third-party map sources.
	Identify GIS Information (for maps that are not in page headers)	This tool appears if the <b>Enable Map Layers</b> switch is on and the map service URL for the profile is configured to allow the display of object details on the map.	Click to enable the display of object details for map objects (such as parcels) that you click. Details appear in a pop-up window. To stop displaying object details, click the button again to turn off the option to identify GIS information.  The map profile settings for <b>Enable Window Detail Docking</b> and <b>Detail Window Dock Position</b> control where the object detail window appears. However, on mobile devices, the detail window always appears at the bottom of the screen..
	Show Selection Tools or Hide Selection Tools	Use the <b>Enable Selection Tools</b> switch on the map profile.	Click to show or hide a toolbar with drawing tools. Use the drawing tools to select parcels on the map using a point, polyline, or polygon.

Image	Name	Configuration	Description
	Show Sketch Tools or Hide Sketch Tools	Use the <b>Show Sketch</b> switch on the map profile to enable the sketch widget.	Click to show or hide a toolbar with sketch tools. Use the sketch tools to draw a point, polyline, polygon, rectangle, or circle. See "Drawing on Maps" in this topic.
	Export Map to File	Enter a print service URL on the GIS Attribute Mapping page or on the map profile. Use the <b>Show Print</b> switch on the map profile to enable the print widget.	Click to open the <b>Export</b> dialog box to print the displayed map to a file. See "Printing Maps" in this topic.

## Drawing on Maps

Agency staff and registered public users can draw on maps using the sketch widget. You can save the sketch on permit and planning application property maps associated with a transaction, including the application intake map, and update the description after the system saves the sketch. Although you can draw on other map pages, you can't save them.

To configure the sketch widget, the agency turns on the **Show Sketch** switch on the map profile. On a map, click the **Show Sketch Tools** icon, then select a sketch tool in the toolbar to draw a point, polyline, polygon, rectangle, or circle. When you finish your drawing, the system automatically saves the sketch and lists it under the property information below the map. You can update the description after the sketch is saved. The sketch toolbar includes tools to select and delete sketches.

## Printing Maps

Oracle Permitting and Licensing provides an integration to print maps using Esri's print widget. Agency staff and registered public users can print the content displayed on different maps, including the permit and planning application property map and maps not associated with a submitted transaction, such as the application intake map or Explore Your City map. You have the option to save the generated file for submitted transactions as an attachment in the application details, but the file output for other maps isn't saved in the system.

To configure the print widget, the agency enters a print service URL on the GIS Attribute Mapping page or on the map profile and turns on the **Show Print** switch on the map profile.

Here's how to print a map:

1. Open a map and select the **Export Map to File** icon from the map tools toolbar.
2. On the Export dialog box, select the print output file format from the options provided by the print service and enter a file name.
3. Click **Export**.
4. If you're printing a transaction's property map, you can click **Yes** when prompted to save the file as an attachment in the application details.

## Selecting Parcels and Assets

You can select a parcel during application intake by using the type-ahead search box on the Property map in the intake form or using the selection tools. You can select enabled GIS assets using the selection tool widget.

By default, parcel properties are always selected when using the selection tools. But your agency can also configure the selection tools on the application intake map to select only GIS assets that overlap parcels or both reference parcel data and GIS assets. This configuration applies to the application intake map only.

If your agency has enabled GIS asset and parcel layers to be selectable, you can turn off the different layers like this:

1. In the main toolbar, click the **Show Selection Tools** icon:  .

This opens the toolbar with the drawing tools.

2. Click the **Select Layers** icon:  .

This opens the map layers dialog box.

The map layers dialog box displays two columns: **Map layer** and **Selectable**. The eye icons for each layer indicate whether a layer is enabled or disabled.

3. Click the **Selectable** checkbox to make the map layer selectable using the selection tools.

When you select a GIS asset and the **Parcel** layer checkbox is marked, parcels that overlap the GIS asset are also selected on the map. Unmark the Parcel layer checkbox to turn off the parcel selection. Your agency must set up the Parcel layer to be selectable so that you can select parcels and GIS assets independently of each other.

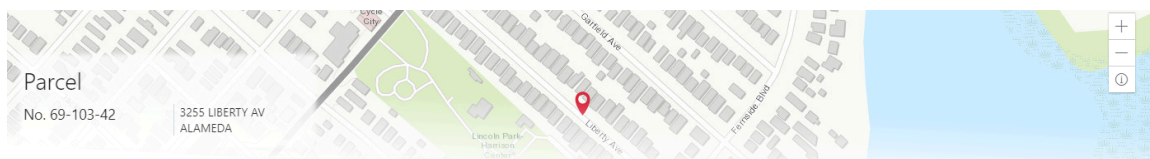
## Viewing Map Markers

Map markers identify the location of an object such as an application, project, incident, case, parcel, or address.

### Marker on the Transaction Header Map

The map in the header of a transaction page shows a single marker for the current object.

This example illustrates the Parcel page, where the map marker shows the parcel's location.



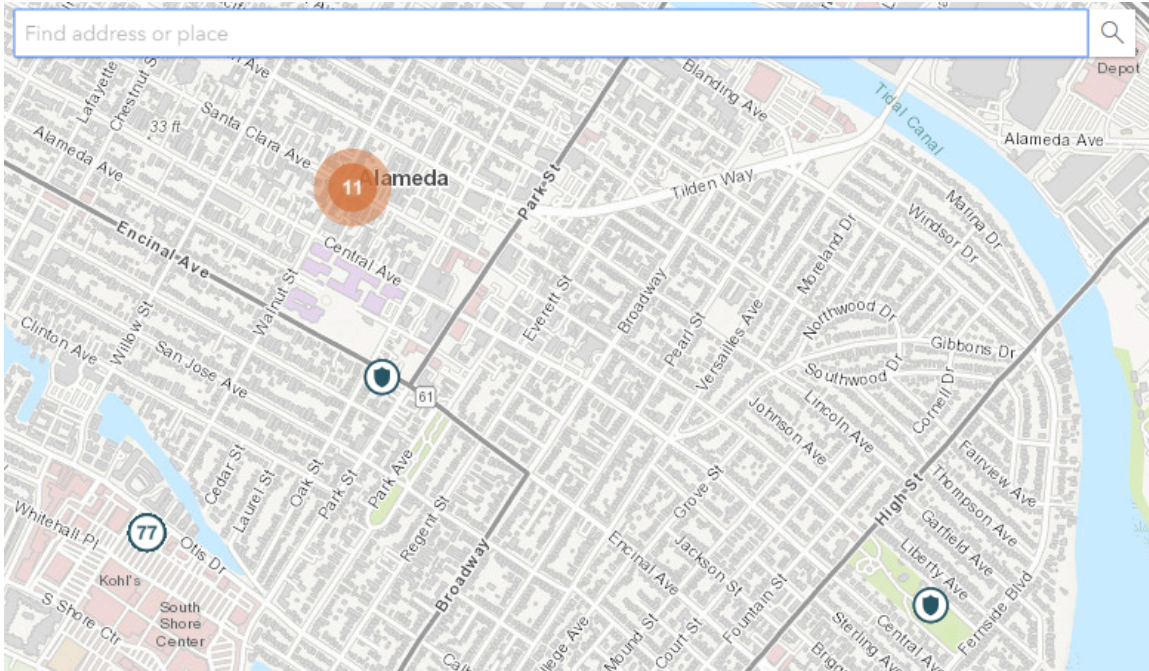
### Other Map Markers

Maps other than the ones in transaction headers have these markers:







- Transaction-specific icons to mark the locations of single transactions.
- Numbered circles to mark locations with multiple transactions.
- Orange-shaded double circles to represent multiple neighboring locations that are clustered together because of the map zoom level.

This example is from the View Recent Issues map, where map markers represent code enforcement issues.





The following table provides a key to the marker icons:

Map Marker	Description
	The location has a single code enforcement issue.
	The location has a single permit application.
	The location has a single planning application.
	The location has a single project.
	The location has a single business license.
	There are multiple transactions at the same location. The number represents the number of transactions.  The marker is the same color as it would be for a single transaction. For example, the marker is brown for multiple business licenses.

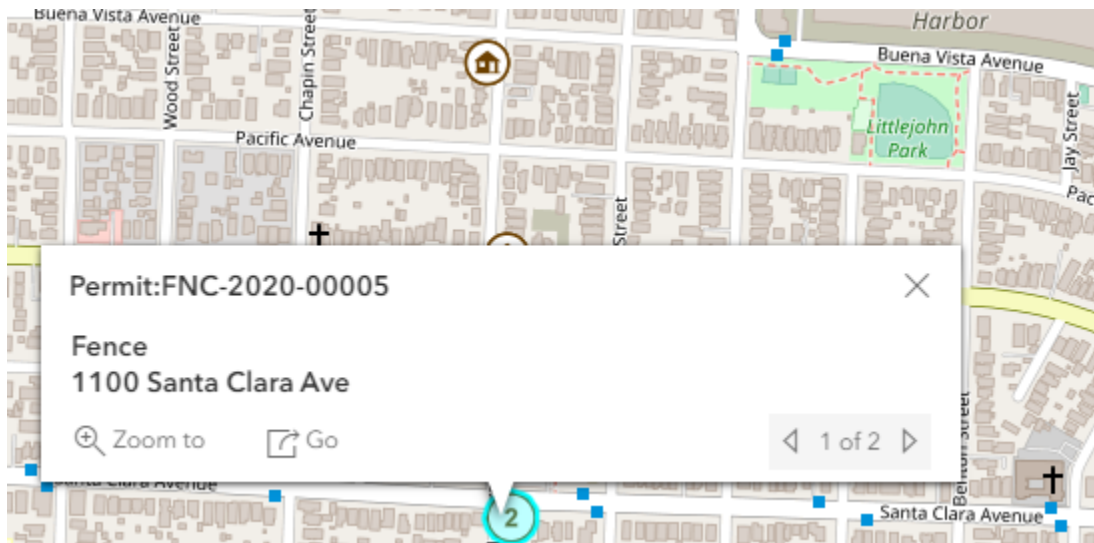


## Viewing Details for a Marker

Clicking a marker displays a pop-up window with additional details.

**Note:** If the selection toolbar is visible and a selection tool is active, clicking a marker selects the location rather than opening the details pop-up.

This example illustrates the detailed information for a map marker. The location of the pop-up window depends on the docking settings in the map profile



The detail window includes different information for different objects. Here is some of the information that can appear:

- The object ID  
On maps that show multiple types of objects, the object type (such as “Permit”) appears along with the object ID.
- The object status.  
Status information appears for incidents and cases, but not for other objects.
- Any applicable categorization, such as a permit type or an issue type and subtype.
- The address for the location.
- Controls for paging through multiple objects, if applicable.  
When there are multiple objects, the paging controls appear around the text *<sequence number> of <total number of objects>*.
- A **Zoom To** icon for zooming in on the map location.
- A **Go** icon for opening the corresponding detail page in a new window.

## Using the Main Map and Explore Your City Map

The agency-facing Main Map and the public-facing Explore Your City map provide options for viewing existing applications and projects on the map and for selecting properties so that you can start new applications.

With these maps, users can do the following:

- Select a property and view existing transactions for that property.
- Start an application for a selected property (public users and agency staff only).

Users who aren't sure what type of application is needed can launch the guide that provides recommendations based on questionnaire answers.

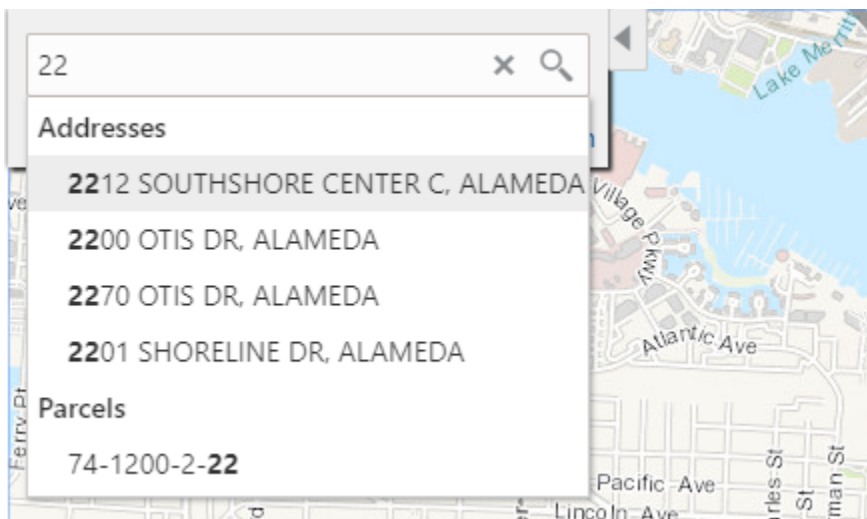
- Search for transactions and view transaction markers on the map.

All users can search for transaction locations. Registered public users have the additional ability to filter search results so that only the user's own transactions appear.

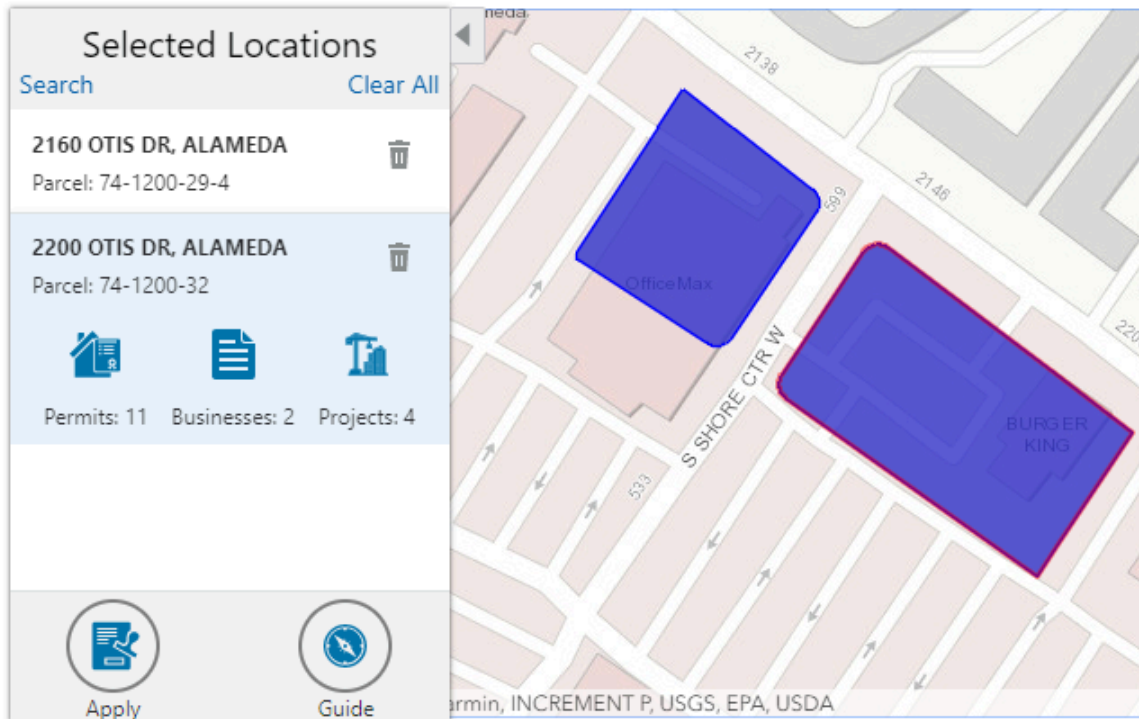
**Note:** To provide different types of users with the most appropriate interface, there are separate main maps for agency users, registered public users, and anonymous public users. These maps can have different map profiles, giving you control over whether various map options are available to each audience. See [Setting Up Map Profiles](#).

### Selecting Properties Using the Basic Search

This example illustrates the basic property search on the map.



This example illustrates the map when properties have been selected.



To search for properties and select them:

1. Enter a full or partial address or parcel number in the search field that appears when you first access the map.

As you type, up to five matching addresses and parcels appear in a type-ahead drop-down list. The type-ahead list includes headings to indicate which items are **Addresses** and which are **Parcels**.

2. Press the Return key or click the magnifying glass icon to perform a full search.

The Search window expands to show lists for Addresses and Parcels with a count for each type of result. Initially a maximum of five items appears in each list.

If more results exist, click **More** to show all results in a scrolling list. When the list is expanded, click **Less** to shrink the list back down to five locations.

3. To select a property, click a single address or parcel number from either the type-ahead list or the full results list.

The corresponding property is selected on the map, and the search field is replaced by the Selected Locations list.

4. To select additional properties without losing your selection, click the **Search** link to re-display the search field.

Each time you select a property, it is added to the Selected Locations list.

To return to the Selected Locations overlay from the Search overlay without performing a search, click the **Selected Locations** link. This link appears if at least one property is selected.

5. Use these options to deselect properties:

Page Element	Description
<b>Delete</b>	Click this icon to remove a single particular property from the list. The icon appears next to each selected property.
<b>Clear All</b>	Click this link to deselect all properties. The link appears at the top of the list.

## Selecting Properties Using the Selection Toolbar





To select properties directly from the map, without searching, use the drawing tools. You can use the search and the drawing tools together to add properties to (and remove properties from) your list.



To select and deselect properties using drawing tools:

1.  Click the **Show Selection Tools** button on the map's general toolbar.

The drawing toolbar appears.

2. Use these tools to make your property selection:

Selection Toolbar Button	Description
 Draw a Point	Click one or more points on the map to select the properties that contain the points.
 Draw a Polyline	Click two or more points on a map to draw a multi-segment line (a polyline) connecting the points that you click. Double-click on the final point to stop drawing. All properties that intersect the resulting polyline are selected.
 Draw a Polygon	Click three or more points on a map to draw a polygon. The system redraws the polygon after each click. Double-click on the final point to stop drawing. All properties that are at least partially within the resulting polygon are selected.
 Deselect One	Click a selected property to deselect it.  <b>Note:</b> Selecting a property does not deselect previously selected properties. You must use the Deselect One or the Deselect All tool to remove properties from your selection.

Selection Toolbar Button	Description
 Deselect All	Click this button to deselect all properties.
 Close	Click to close the toolbar.

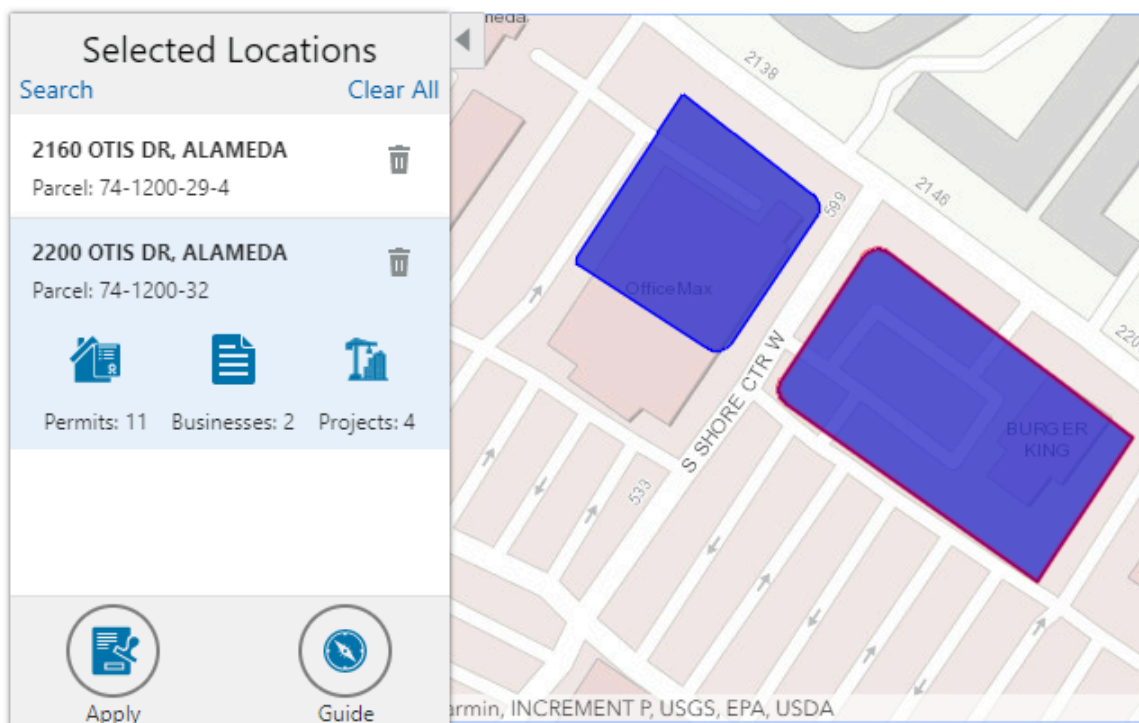
**3.** Review details of your selections on the Selected Locations list.

The Selected Locations list replaces the search window whenever properties are selected. This is a single list that also includes properties that you adding using the search.

## Using the Selected Locations List

The Selected Locations overlay enables you to review information about selected properties and the transactions that are associated with those properties.

In this example of the Selected Locations list, the addresses and parcel numbers of selected locations are links to the corresponding detail pages. These links are only present for agency staff. When public users see the Selected Locations overlay, the addresses and parcel numbers appear as plain text.



To use the Selected Locations overlay:

1. Review the information cards for the selected locations.

Each selected property appears on a card. The card title is the primary address for the location. The parcel number, if any, appears below this address. Agency staff can access the detail pages for selected addresses and parcels by clicking the address or the parcel number link on the card. Public users do not have access to detail information, so for public users, the addresses and parcel numbers are plain text instead of links.

**Note:** If an address has multiple parcels, each parcel appears on a separate card and all parcels are selected on the map. If a parcel has multiple addresses, a link below the parcel number indicates the number of addresses. Click the link to see a list of addresses.

2. Click a card to select it and learn more about the property.

If the selected property is associated with any applications or projects, the selected card expands and displays icons for any associated transactions. There are separate icons for **Permits, Planning Applications, Businesses** (business licenses), **Cases, Incidents** and **Projects**. The icon label includes a count of the related transactions. If the property is not associated with any transactions, the selected card looks the same as it does when it's collapsed.

3. Click the icon for a specific transaction type to access a list of transactions.

The list replaces the Selected Locations list and shows details that are relevant to the specific transaction type.

4. On the transaction list, click a transaction to open a new window with the corresponding detail page.

The details are read-only for public users. For agency users, access is based on the user's security. The window does not have any navigation controls, so close the window when you're done.

5. From a transaction list, click the return button in the window header to go back to the Selected Locations list.
6. To start an application for the selected properties, click the **Apply** button (not available to anonymous users).

The Apply page appears so you can select an application type and start an application. As long as the application intake form includes a Property section, the property information will be pre-filled based on the selected properties.

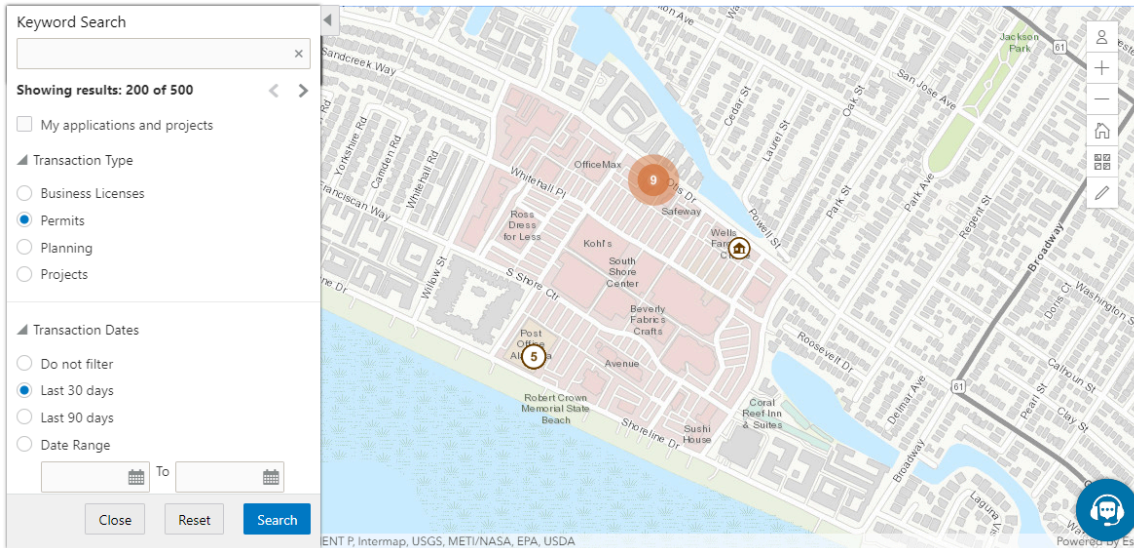
Users who aren't sure what type of application is needed can click the **Guide** button instead. This launches the guide that provides application type recommendations based on questionnaire answers. The Guide button is available only if an Oracle Intelligent Advisor definition is associated with the agency record.

## Using Advanced Search to View Transactions

The advanced search is for searching transactions rather than properties. Use the advanced search to view map markers that indicate the locations of business licenses, permits, planning applications, cases, incidents and projects.

This example illustrates the advanced search.





**Note:** As agency staff, you will not see the check box used by registered public users to limit the search to their own transactions. If the registered public user is a primary contact for any projects, the check box label is **My Applications and Projects**. If the registered public user isn't a primary contact for any projects, the label is **My Applications**.

To show transactions on the map:

1. Click the **Advanced Search** link on the basic search overlay.  
A new overlay appears.
2. Enter search keywords, if any, in the search field at the top of the overlay.  
Search on data such as a business name or permit type. Don't use this field to search for addresses; use the basic search instead.
3. In the **Transaction Type** section, indicate which type of transaction to search.  
Depending on which product offerings you enable, you can search for **Business Licenses, Permits, Planning** (planning applications), **Cases, Incidents or Projects**.
4. In the **Transaction Dates** section, choose a date range to search.  
Options include **Do not filter, Last 30 days, Last 90 days**, or a custom **Date Range**. If you use a custom date range, enter a start date, end date, or both to define the range.  
For date-restricted searches:
  - o The application submission date must fall in the specified time period.
  - o A project start date must be after any start date you specify. If you use a custom date range with an end date, the project end date must be before any end date you specify.
5. Click **Search** to perform the search.  
Map markers appear for the transactions that meet your search criteria. The overlay also displays text stating how many results were found.  
Users can see up to 200 results at a time. If more than 200 results exist, use the Previous (<) and Next (>) icons to scroll to a different block of results and update the map to show markers for the new block of results.
6. To clear search criteria, click **Reset**.

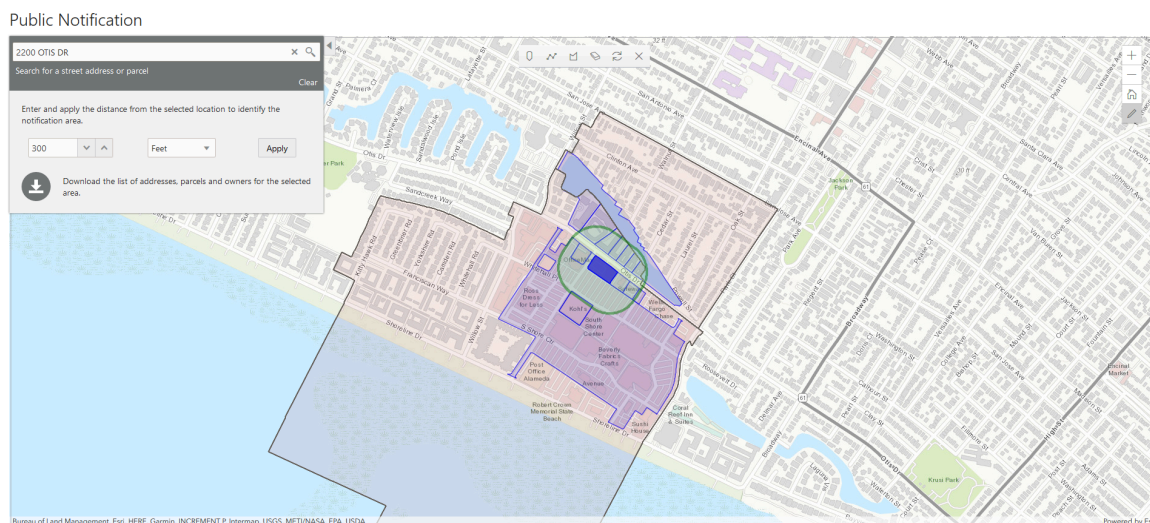
- To close the advanced search and return to the simple location search, click **Close**.

## Creating Map-Based Public Notification Lists

The Public Notification map enables you to define an area on a map and generate .csv files for the parcels, owners, addresses, and neighborhood attributes that are included in that area. Use the .csv files to create your mailing list. The notification area consists of all properties that are at least partially within a specified distance of the selected property or properties.

A context-specific instance of this page is available for scheduling hearing notifications. See [Generating a Hearing Notifications List](#).

The following example illustrates the Public Notification page, where you can select properties, define a notification area around the selection, and download lists of addresses, parcels, owners, and neighborhood attributes in the notification area.



To define a notification area and generate notification lists:

- Access the Public Notification page.

To access the page from the global header, click the Maps icon, then click **Public Notification** in the drop-down menu.

You can also access the page directly from the list of hearings for a planning application. If the hearing schedule is final, the action menu for the hearing includes the **Generate Notifications List** action. This action opens the Generate Notifications List window, which contains the Public Notification page. For more information, see [Generating a Hearing Notifications List](#).

- Select a property, or confirm the default property selection.

If you access the Public Notification page from a hearing for a planning application, the property or properties from the planning application are selected by default.

The two methods for selecting properties are:

- Use the search field to search by street address or parcel number, then click the desired property in the type-ahead list or the search results.



- o Use selection tools such as **Draw Point**, **Draw Polyline**, or **Draw a Polygon** to select properties.

For detailed information on selecting properties, see *Using the Main Map and Explore Your City Map*

3. Define the notification area by entering a distance from the selected properties.

The fields for defining the notification area appear below the search field when a property is selected.

Enter a number, and select *Feet*, *Miles*, *Meters*, or *Kilometers* to enter a distance.

The fields for entering the distance appear below the search field as long as at least one property is selected.

4. Click **Apply**.

The notification area appears on the map. Visually, it appears as a bold green outline that follows the contours of the selected property at the specified distance. If you selected multiple properties, there can be multiple notification areas. Parcels that are fully or partially within the notification area appear with a blue outline so you can see which parcels are included in the notification list. If the map is enabled to show neighborhood groups that are fully or partially within the notification area, they appear as a pink layer with a black outline.

5. To change the notification area, modify the property selection, the distance for the boundary, or both, and then click **Apply** again.

If you use add or remove properties from your selection, the notification area is not updated until you click **Apply**.

To clear the property selection and the notification area, click either the **Deselect All** tool or the **Clear** link on the Search overlay.

6. If you are satisfied with the notification area, click the **Download** button that becomes visible after you apply a selection.

Three files are downloaded: *Address.csv*, *Owner.csv*, and *Parcel.csv*. If the map is enabled to show neighborhood groups that are fully or partially within the notification area, a fourth file is downloaded: *Neighborhood Group Mapping.csv*.

Files are saved to default folder defined in your browser settings. Your browser must be able to download multiple files.

7. Save the .csv files so your agency can use them to generate notifications.

The notification process is not part of the Oracle system.



# 16 Working with Payments

## Security Details for Working with Payments

This topic describes important security roles, requirements, or considerations specific to working with payments.

Primary Role	Access Description	Associated Job Roles and Abstract Roles
PSC Cashier Administration	Make payments and manage all cashier related duties.	PSC System Administrator PSC Finance Administrator PSC Cashier PSC System Administrator
PSC Planning and Zoning Fees Management	Add, update, and delete fees on planning applications.	PSC Zoning Administrator PSC Planning Assistant PSC Associate Planner PSC Principal Planner
PSC Permits Fees Management	Add, update, and delete fees on permits.	PSC Inspections Supervisor PSC Chief Building Officer PSC Business Analyst PSC Principal Planner PSC Planning Coordinator PSC System Administrator

For more information on creating roles for Oracle Permitting and Licensing, see [Creating Custom Roles for Oracle Permitting and Licensing](#).

For more information on all the predefined security data such as abstract roles, job roles, privileges and so on, see the [Security Reference for Oracle Permitting and Licensing](#).

## Payment Flow Overview

This topic provides a high-level overview of fees and the payment flow. Applicants and contacts with application access can make payments online, and agency staff can assist applicants with payments.

After an application is submitted, the fees are calculated and applied to the applicant's account. The applicant and contacts with application access can pay fees for one application at a time from their Applications list page or from the Fees and Payments page in the application details. Only applicants can select multiple applications for payment on the Make a Payment page, which they access from the registered user landing page or their Applications page. Agency staff can initiate payment from the Transactions list page or from the Fees and Payments page in the application details. System processing for payments triggers workflow and generates accounting, invoices, and communications.

For information about setting up fees and payments, see *Implementing Your Financials Framework*.

## Understanding Fees

Some basics about fees include the following:

- Fees for an application are determined by decision modeling and associated with fee schedules.
- Fees may be applied during the application process or later for additional fees or adjustments.
- Fees appear on the Applications and Make a Payment pages for applicants, on the Transactions list page for agency staff, and on the Fees and Payments page in the application details for both agency staff and applicants. Contacts with application access can pay fees from their Applications page and the application's Fees and Payments page.
- If a condition to prevent payment is applied to the transaction, the fees can't be paid until the condition is resolved.
- Agency staff can add, adjust, or refund fees. They can also make full or partial fee payment on behalf of the applicant.
- Applicants receive a fees notice after submitting an application. They are sent subsequent notices when fees due are updated. Agencies may send out notices with consolidated fees on a regular basis.

## Fee Payments Process for Applicants

Applicants have different options for paying fees after they log in.

Applicants can pay for fees one application at a time by clicking the **Pay** icon in the application row on the Applications page or by clicking the **Pay** button on the Fees and Payments page for the application. Clicking **Pay** takes the applicant directly to checkout for payment processing.

The **Make a Payment** button on the registered user landing page and on the Applications page takes the applicant to the Make a Payment page, where they can select fees for multiple applications at once before continuing to checkout.

Here's how to pay fees from the Make a Payment page:

1. Select applications for payment.  
Fees for applications not selected for payment are still payable and remain on the page.
2. Review the number of applications selected and the total amount, then click the **Make a Payment** button.
3. Review the Checkout page, which shows the different secured payment methods available.  
Only agency staff can process cash and check payments.
4. Select one of the payment methods for payment processing and click **Make Payment**.

Depending on the payment service being used, the payment steps differ.

The applicant must have a PayPal account before selecting PayPal as a payment method.

5. Wait for the payment to be processed. If you navigate away from the payment service or close the browser, the payment may not be recorded.

After submitting the payment, the application displays the *Payment Processing* status on the Make a Payment page. If the payment goes through, the application is removed from the Make a Payment page and the applicant is redirected to the page where the payment was initiated. If the payment fails, the applications can be selected for payment again.

For more information, see *Making Payments*.

For information about paying fees for individual applications on the registered public user's Applications page or the Fees and Payments page in the application's details, see *Managing Transactions* and *Working with Fees and Payments*.

## Fee Payments Process for Agency Staff

Agency staff can use the following process to assist an applicant with a payment:

1. Click the **Pay** button for a permit, planning application, or business license listed on the Transactions page or on the Fees and Payments page in the application details.
2. On the Pay Fees page, review the list of fee items and the total payable fee. If you want to make a partial payment, deselect the *Select All* check box to clear the check boxes for all the fee items and then select individual items. If the application status is *Payment Pending*, full payment is required. That is, fees that are due when you submit an application must be paid in full.
3. Click the **Continue** button.
4. Review the Checkout page, which lists the different payment methods available, such as cash or credit card.
5. Select one of the payment methods for payment processing.

Depending on the payment service being used, the payment steps differ.

After successful payment, the agency user is returned to the page where the payment was initiated. The fee item records are now updated. For more information, see *Managing Transactions* and *Working with Fees and Payments*.

## Working with Cashier Sessions

Cashier sessions are instances of a cashier using a specific cash drawer to receive payments from customers. Cashiers add and modify cashier sessions on the Cashier Session page.

### Opening a Cashier Session

1. Select **Billing and Payment > Cashier Sessions**.
2. On the Cashier Session page, click **Add**.
3. On the Cashier Session Details page, enter values for the following fields:

Page Element	Description
Cashier Drawer ID	Select the cash drawer that you want to use for this session.
Session ID	Displays the unique, system-generated ID for the cashier session.
Start Time	Displays the date and time the session was created.

Page Element	Description
<b>Status</b>	All new cashier sessions have a status of <i>Open</i> .
<b>Cashier ID</b>	Displays the unique ID of the cashier who is opening the cashier session.  Administrators assign cashier IDs to agency staff on the Agency Staff page. You cannot open a cashier session if you do not have a cashier ID assigned to you.
<b>Opening Balance</b>	Enter the amount in the cash drawer at the beginning of the cashier session.

4. Click **Save**.

## Modifying a Cashier Session

1. Select **Billing and Payment > Cashier Sessions**.
2. Click a row on the Cashier Session page.
3. On the Cashier Session Details page you can:
  - o Suspend an open cashier session by setting the **Status** to *Suspended*.
  - o Reopen a suspended or closed cashier session by setting the **Status** back to *Open*.  
This option is available only if the Reopen Cashier Session switch is turned on for the *CASH* payment method on the Agency Payment Options page. See [Setting Up Agency Payment Options](#).
  - o Close a cashier session by setting the **Status** to *Closed*. When you close a cashier session enter an amount for the **Closing Balance**.

You can now close a cashier session with a zero balance.

**Note:** The system populates the **End Time** field with the date and time the session was closed.

4. Click **Save**.

**Note:** You cannot edit a cashier session that has been reconciled. See [Reconciling Cashier Sessions](#).

## Reconciling Cashier Sessions

Agency staff adjust and reconcile cashier sessions on the Reconcile Cashier Session page.

Agencies that collect payments must reconcile the money collected in the form of cash and checks at the end of each cashier session. On the Reconcile Cashier Session, agency staff can:

- Reconcile recorded and actual payment amounts.
- Print a cashier session reconciliation report.

This example shows the Reconcile Cashier Session page.

Reconcile Cashier Session Cancel Save Reconciliation Complete Reconciliation

Cash Drawer ID: Cash Drawer 01      Session ID: 1022  
 Start Time: 9/29/18 3:26 AM      End Time: 8/8/19 11:25 PM  
 Status: Closed      Reconcile Status: Unreconcile

---

Payment Information

Payment Method	Currency	Opening Balance	Recorded Amount
Cash	USD	100	93.5
Personal check	USD	0	67

Comments

## Reconciling Recorded and Actual Amounts

1. Select **Billing and Payment > Reconcile Cashier Session** in the Navigator.
2. Click the row for the cashier session that you want to reconcile.

**Note:** You can view payment information for open cashier sessions on this page, but a cashier session must be closed before you can reconcile recorded and actual amounts. For more information on closing cashier sessions, see *Working with Cashier Sessions*.

3. Click the row for the payment method that you want to reconcile to access the Payment Details page.

This example shows the Payment Details page.

Payment Details x

[Save](#)

Payment Summary

Payment Method: Cash      Currency: USD  
 Opening Balance: 100      Total Overage: 0  
 Recorded Amount: 93.5      Total Shortage: 1.25  
 Actual Amount:

Payment Details

Receipt Number	Receipt Line Number	Recorded Amount	Actual Amount
6	1	67	
5	1	26.5	

4. Click a row for a receipt to make changes to the payment information. For cash payments, you can enter comments, but you can't edit any other payment information. For checks, you can edit the following payment information fields:

Page Element	Description
<b>Payment Method</b>	Select between <i>Personal check</i> and <i>Cashier check</i> .
<b>Actual Amount</b>	Typically this is the same as the recorded amount, but in the event that the check was written for a different amount, enter that actual amount here.

Page Element	Description
<b>Check Number, Check Date, Payer Name, and Address</b>	Update the check and payer information.
<b>Comments</b>	Enter any comments you want to add about the check payment.

5. Click **Save**.
6. On the Payment Details page, enter the actual amount for the cashier session for all receipts for the payment method. After you enter a value in the **Actual Amount** field, the page displays any overages or shortages in the **Total Overage** and **Total Shortage** fields.
7. Click **Save**.
8. On the Reconcile Cashier Session page, enter any comments you want to add for the entire cashier session and click **Save Reconciliation** to save all the changes you made for the cashier session.
9. Click **Complete Reconciliation**. This changes the status of the cashier session from *Unreconciled* to *Reconciled*. In addition, the **Save Reconciliation** button is replaced by the **Print Report** button, and the **Complete Reconciliation** button is replaced by the **Generate Event** button.

**Note:** Once you complete a reconciliation for a cashier session, you can't reopen it or make any adjustments to the session.

## Printing a Cashier Session Reconciliation Report

1. Select **Billing and Payment > Reconcile Cashier Session** in the Navigator.
2. Click the cashier session row for which you want to print a reconciliation report.
3. Complete the reconciliation for the cashier session if you haven't already. You can print reconciliation reports only for sessions with a **Reconcile Status** of *Reconcile*.
4. Click **Print Report**. The generated report opens in a separate browser tab.

**Note:** If your browser has a pop-up blocker, make sure it allows pop-up windows from the URL associated with Oracle Permitting and Licensing.

The Cashier Session Reconciliation report requires the definition of a parameter with the following values:

Page Element	Value
<b>Parameter ID</b>	1
<b>Parameter Name</b>	P_RECONCILE_ID
<b>Parameter Data Type</b>	String

For more information on defining parameters for reports, see [Setting Up Reports](#).



## Generate Accounting Entries for Reconciliation Overages and Shortages

1. Select **Billing and Payment > Reconcile Cashier Session** in the Navigator.
2. Click the cashier session row for which you want to generate an accounting entry.
3. Complete the reconciliation for the cashier session if you haven't already. You can generate accounting entries only for completed reconciliations that result in an overage or a shortage.
4. Click **Generate Event** to generate an accounting entry for the overage or shortage.

**Note:** To successfully create accounting entries for cashier reconciliation overages and shortages, you must first create accounting rules for them. For more information on setting up accounting rules, see [Setting Up Accounting Rules](#).

## Printing Deposit Slips

Agencies that collect payments use deposit slips to deposit the money collected in the form of cash and checks into the agency's bank account.

You print deposit slips using the Print Deposit Slip page.

### Prerequisites

Before you generate deposit slips for your agency, you must define the P\_DEPOSIT\_SLIP\_NUMBER parameter for the Deposit Slip (DepositSlip001) report. For more information on defining report parameters, see [Setting Up Reports](#).

### Generating Deposit Slips

1. Select **Billing and Payment > Deposit Slip**.
2. On the Print Deposit Slip page, enter values for the following fields:

Page Element	Description
<b>Agency ID</b>	Select the agency for which you want to print a deposit slip.
<b>From Receipt Date and To Receipt Date</b>	Select the date range of receipts that you want to include in the deposit slip.
<b>Payment Method</b>	Select the payment methods that you wanted to include in the deposit slip. Options are <b>Cash</b> , <b>Cashier Check</b> , and <b>Personal Check</b> .
<b>Cash Drawer ID</b>	Select a value to print a deposit slip for the receipts of a specific cash drawer. If you leave this field blank, the deposit slip will include all cash drawers for the specified date range.
<b>Session ID</b>	Select a value to print a deposit slip for the receipts of a cashier session. If you leave this field blank, the deposit slip will include all cashier sessions for the specified date range.

Page Element	Description
<b>Cashier ID</b>	Select a value to print a deposit slip for the receipts of a specific cashier. If you leave this field blank, the deposit slip will include all cashiers for the specified date range.

**Note:** The values available in the Cash Drawer ID, Session ID, and Cashier ID drop-down fields represent the cash drawer payment history rows within the entered date range that have not yet been printed. Therefore, the values available in the drop-down fields change based on the entered date range. If a selected drop-down value becomes invalid because you change the date range, the field with the invalid value becomes blank. If the selected drop-down value remains valid after changing the date range, the drop-down value is unchanged.

3. Click **Print**. The generated deposit slip file opens in a separate browser tab.

**Note:** If your browser has a pop-up blocker, make sure it allows pop-up windows from the URL associated with Oracle Permitting and Licensing.

## Viewing Payment History

Agency staff can view payment history on the Payment History page.

This example shows the Payment History page.

Payment History

Payment Method	Payment Reference ID	Payment Transaction ID	Receipt Date	Amount Paid	Currency	First Name	Last Name	Record ID	Record Type
Credit card	EPAY_20201104T0621214462357074	43558	11/4/20	10,160.57	USD	Peter	Skate	STBL-2020-0051	BLQANATAACCLASS6 >
Credit card	EPAY_20201104T0649530642566803	43562	11/4/20	10,160.57	USD	Peter	Skate	STBL-2020-0052	BLQANATAACCLASS6 >
Credit card	EPAY_20201104T0330223032716275	43550	11/4/20	9,929.00	USD	Peter	Skate	STBL-2020-0043	BLQANATAACCLASS6 >
Credit card	CRCD_20201104T073041074Z887861	43570	11/4/20	10,872.56	USD	Peter	Skate	ZPER-FEN-2020-00429	PMTQAFEERECAL >
Credit card	CRCD_20201104T073041074Z887861	43570	11/4/20	10,872.56	USD	Peter	Skate	ZPZ-SITE-2020-00215	PMTQAFEERECAL >
Credit card	EPAY_20201104T1432518402789051	43617	11/4/20	823.56	USD	Peter	Skate	ZPER-FEN-2020-00670	PaymentBNP >
Credit card	EPAY_20201104T0950510042791445	43597	11/4/20	2,860.00	USD	Peter	Skate	ZPER-FEN-2020-00635	PaymentBNP >
Credit card	CRCD_20201104T073041074Z887861	43570	11/4/20	10,872.56	USD	Peter	Skate	ZPER-FEN-2020-00271	PMTQAFEERECAL >

Page 1 of 12 (1-8 of 89 items) | < 1 2 3 4 5 ... 12 > | Show Default

## Reviewing Payment History

1. Select **Billing and Payment > Payment History** in the navigator.

**Note:** Registered public users can also access this page from the Registered Public Landing Page by selecting *View Payment History* from the **I Want To** field. Public users can view only the payments that they submitted.

The Payment History page displays all of the payments received by the agency. You can search for and sort payments by:

- o Payment method
- o Payment reference ID

- o Payment transaction ID
- o Receipt date
- o Payment amount
- o Payment currency
- o Applicant first name and last name

**Note:** The payer name appears on the Payment History Details page. The payer name depends on the payment method. No name is displayed when payment is made through a trust account.

- o Record ID
- o Record type

2. Select a payment to view additional details on the Payment History Details page.

This example shows the Payment History Details page.

Payment History Details Cancel

Payment Method: Cash	Receivables Receipt Status: Created
Payment Reference ID: CASH_20210615T151018882Z325254	First Name: Peter
Payment Transaction ID: RECT-2021-10006	Last Name: Skate
Receipt Date: 6/15/21	Payer Name:
Amount Due: 300.00	Address:
Amount Paid: 405.88	
Currency: USD	

Payment History Lines

Classification	Record Type	Record Id	Item Description	Item Amount	Item Currency
PMT	PMTQACONTEST	ZPER-FEN-2021-00101	Application Fee	300.00	USD

Cash Drawer Lines

Line Number	Receipt Number	Payment Method	Amount Paid	Currency
3	RECT-2021-10006	Personal check	255.88	USD
2	RECT-2021-10006	Personal check	100.00	USD
1	RECT-2021-10006	Cash	50.00	USD

Payments on Account

On Account Reference ID	On Account Date	On Account Amount	Currency	On Account Status
OVFY_20210615T151120000Z5826E	6/15/21	105.88	USD	Unapplied

The Payment History Lines grid displays the transaction lines associated with the payment. You can select a payment history line to view additional details on the Payment History Line Details modal page.

The Cash Drawer Lines grid displays the cash drawer transaction lines associated with the payment. You can select a cash drawer line to view additional details on the Cash Drawer Line Details modal page.

**Note:** The Cash Drawer Lines grid does not appear for electronic payments.

The Refund History grid displays any refunds associated with the payment. You can select a refund to view additional details on the Refund Detail modal page. For more information on refunds, see [Viewing and Processing Refunds](#).

The Payments on Account grid displays any payments on account associated with the payment. You can select a payment on account to view additional details on the Payment on Account Details modal page. For more information on payments on account, see [Viewing Payments On Account](#).

# Viewing Invoice History

Agency staff can view invoice history on the Invoice History page.

This example shows the Invoice History page.

Invoice History

Invoice	Invoice Date	Person Name	Invoice Amount	Invoice Currency
E2E-190830-00001	8/30/19	Alden Richards	148.80	USD
E2E-190830-00002	8/30/19	Carl Jones	148.80	USD
E2E-190830-00003	8/30/19	Alden Richards	148.80	USD
E2E-190830-00004	8/30/19	Alden Richards	148.80	USD
E2E-190830-00005	8/30/19	Alden Richards	148.80	USD
E2E-190830-00006	8/30/19	Carl Jones	148.80	USD
E2E-190830-00007	8/30/19	Alden Richards	148.80	USD
E2E-190830-00008	8/30/19	Alden Richards	148.80	USD

Page 1 of 12 (1-8 of 91 items) | Search | Show Default

## Reviewing Invoice History

1. Select **Billing and Payment > Invoice History** in the navigator.

**Note:** Registered public users can also access this page from the Registered Public Landing Page by selecting *View Invoice History* from the **I Want To** field. Public users can view only their own invoices.

The Invoices History page displays all of the invoices issued by the agency. You can search for and sort invoices by:

- Invoice ID
- Invoice date
- Person name
- Invoice amount
- Invoice currency

2. Select an invoice to view additional details on the Invoice History Details page.

This example shows the Invoice History Details page.

Cancel Print Invoice

Invoice: E2E-190830-00001  
 Invoice Amount: 148.80  
 Invoice Currency: USD  
 Invoice Date: 2019-08-30  
 Person Name: Alden Richards  
 Address: 12pine grove 12 SAN FRANCISCO California US  
 Description: E2E-190830-00015

Invoice Lines

Description	Line Amount	Invoice Currency
Electrical Fees	148.80	USD

The Invoice Lines grid displays the transaction lines associated with the invoice. You can select a invoice line to view additional details on the Invoice Line Detail modal page.

Click **Print Invoice** to generate a printable invoice.

**Note:** If your browser has a pop-up blocker, make sure it allows pop-up windows from the URL associated with Oracle Permitting and Licensing.

## Viewing and Processing Refunds

Agency staff can view refund history, process refunds, and print refunds from the Refund History page.

Agency staff initiate refund requests from the Fees and Payments page for transactions. For more information on initiating refund requests, see *Working with Fees and Payments*.

To distribute requested refunds to customers, agency staff must review and process them on the Refund History page.

This example shows the Refund History page.

Refund History

Refund ID	Refund Type	Refund Method	Refund Request Date	Refund Amount	Refund Currency	Refund Status	Refund Reason	Refund Processed Date
RFND_20191217T101050000Z99540	Chargeback	Credit card	12/17/19	145.00	USD	Refunded	Cancel	2019-12-17T10:12:32.060+00:00
RFND_20191217T0807440000Z65030	Refund	Offline	12/17/19	111.00	USD	Refunded	Cancel	2019-04-15T00:00:00+00:00
RFND_20191217T2242480000Z95571	Refund	Offline	12/17/19	111.00	USD	Refunded	Paid in error	2019-12-18T23:34:07.520+00:00
RFND_20191217T0641370000Z24132	Refund	Offline	12/17/19	123.00	USD	Refunded	Duplicate payment	2019-12-18T23:32:45.897+00:00
RFND_20191217T0936310000Z01719	Chargeback	Credit card	12/17/19	12.00	USD	Failed	Cancel	2019-12-17T09:38:01.582+00:00
RFND_20191217T0936310000Z60439	Refund	Offline	12/17/19	100.00	USD	Pending	Duplicate payment	
RFND_20191217T0828520000Z80097	Refund	Offline	12/17/19	300.00	USD	Refunded	Excess paid	2019-12-17T00:00:00+00:00
RFND_20191217T0732210000Z23043	Refund	Offline	12/17/19	111.00	USD	Refunded	Duplicate payment	2019-12-17T07:34:05.522+00:00

Page 1 of 16 (1-8 of 128 items) | 1 2 3 4 5 ... 16 | Show Default

## Reviewing Refund History

1. Select **Billing and Payment > Refund History** in the navigator.

The Refund History page displays all of the refunds requested or processed by the agency. You can search for and sort refunds by:

- Refund ID
- Refund Type
- Refund Method
- Refund Request Date
- Refund Amount
- Refund Currency
- Refund Status
- Refund Reason
- Refund Processed Date

2. Select a refund to view additional details on the Refund Detail page.

This example shows the Refund Detail page.

Refund Detail

Cancel Process Refund Void Refund

Refund ID: RPN0\_20210727121418000021105E

Refund Type: Chargeback

\* Refund Method: Credit Card

Refund Request Date: 7/27/21

Refund Amount: 322.08

Refund Currency: USD

Refund Status: Pending

\* Refund Reason: Excess paid

Payment Method: Credit card

Payment Reference ID: CRCD\_202107211037018492037820

Refund Processed Date:

Refund Transaction ID:

Receivables Receipt Status: None

Refund Lines

Item Name	Item Description	Item Refund Amount	Item Refund Currency
300100542330626	PLANREVIEW	322.08	USD

The Refund Lines grid displays the items included as part of the refund. You can select a refund to view additional details on the Refund Detail modal page.

## Processing Refunds

1. Select **Billing and Payment > Refund History** in the navigator.
2. Select a refund with a **Refund Status** of *Pending*.
3. On the Refund Detail page, select a **Refund Method**.

Select *Offline* if you are issuing a manual check for the refund, or issuing an electronic refund through a system that is not connected to Oracle Permitting and Licensing. This is the only option available for payments that were made by check or cash.

Select *Credit Card* to credit the refund back to the credit card that was used to make the payment.

Select *PayPal* to credit the refund back to the PayPal account that was used to make the payment.

Refunds to credit cards are processed through Oracle Fusion Payments. For detailed information on setting up the integration with Oracle Fusion Payments, see *Oracle Permitting and Licensing: Financial Integrations*.

**Note:** Cashiers processing refunds charged back to credit cards must have the Accounts Receivable Manager Segregated Role (ORA\_AR\_ACCOUNTS\_RECEIVABLE\_MANAGER\_SOD\_JOB) assigned to them. For more information on assigning roles to agency staff, see *Setting Up Agency Staff*.

#### 4. Click **Process Refund**.

You are returned to the Refund History page. The process changes the **Refund Status** of the refund to *Refunded* and enters the date and time that the refund was processed in the **Refund Processed Date** column. In addition, the process creates an accounting entry for the refund.

If you configure a template for the delivered Refund Notice communication event, processing the refund triggers the generation of a communication to the refund recipient. For more information on communication event templates, see [Setting Up Communication Templates](#).

**Note:** If an error occurs before or after a refund is process, the system changes its status to *Failed*. To prevent duplicate refunds from being processed agency staff cannot process a failed refund. You must set the refund status back to *Pending* through a patch request before attempting to process the refund again.

You can process multiple partial refunds to Paypal, credit, or debit cards. Note the following for reconciliation purposes:

- The first refund (partial or full refund of the settlement amount) is posted as follow-on credit to the original settlement transaction in CyberSource.
- Subsequent partial refunds are posted as stand-alone credits in CyberSource.

## Voiding Refunds

You can void refund requests that were made in error, or for the wrong amount.

1. Select **Billing and Payment > Refund History** in the navigator.
2. Select a refund with a **Refund Status** of *Pending*.
3. Click **Void Refund**.

You are returned to the Refund History page. The process changes the **Refund Status** of the refund to *Viod* and enters the date and time that the refund was processed in the **Refund Processed Date** column.

## Printing Refunds

1. Select **Billing and Payment > Refund History** in the navigator.
2. Select a refund with a **Refund Status** of *Refunded*.
3. On the Refund Detail page, click **Print Refund** generate a printable file for the refund in a separate browser tab.

# Viewing Payments On Account

Agency staff can view payments on account on the Payments on Account page.

This example shows the Payments on Account page.

Payments on Account

On Account Reference ID	First Name	Last Name	Payment Transaction ID	On Account Date	On Account Amount	Currency	On Account Status
OVPY_20210216T1526240000Z3195E	Peter	Skate	RECT-5020	2/16/21	200.00	USD	Unapplied >
OVPY_20210211T2209130000Z7909E	William	Brown	4	2/11/21	10.00	USD	Unapplied >
OVPY_20210211T2211300000Z296E	Alden	Richards	RECT-2021-10004	2/11/21	25.00	USD	Unapplied >
OVPY_20210215T1131520000Z1377E	Peter	Skate	RECT-5006	2/15/21	200.00	USD	Unapplied >
OVPY_20210215T1626510000Z433E	Peter	Skate	RECT-5014	2/15/21	200.00	USD	Unapplied >

## Reviewing and Refunding Payments on Account

1. Select **Billing and Payment > Payments on Account** in the navigator.

The Payment on Account page displays all of the payments on account resulting from cash drawer overpayments. You can search for and sort the payments by:

- On Account Reference ID
- First Name
- Last Name
- Payment Transaction ID
- On Account Date
- On Account Amount
- Currency
- On Account Status

2. Select a payment on account to view additional details on the Payment on Account Details page.

This example shows the Payment on Account Details page.

Payment on Account Details Cancel [Initiate Refund](#)

On Account Reference ID: OVPY\_20210211T2211300002Z96E  
 Payment Reference ID: CASH\_20210211T221105005Z396669  
 Payment Transaction ID: RECT-2021-10004

First Name: Alden  
 Last Name: Richards  
 Amount Due: 225.00 USD  
 Amount Paid: 250.00 USD  
 On Account Date: 2/11/21  
 On Account Status: Unapplied  
 On Account Amount: 25.00 USD

Refund Request Date  
 Refund Status  
 Refund Amount  
 Refund ID  
 Receivables Receipt Status: ORA\_NONE

3. If the payment on account hasn't been refunded yet, the **Initiate Refund** button is available. Click it to initiate a refund for the overpayment. The **Refund Status** changes to *Pending*.
4. Access the Refund History page to process the pending refund. For more information, see [Viewing and Processing Refunds](#).
5. Confirm that the payment's **On Account Status** shows as *Refunded* on the Payments on Account page.

This example shows the status of a payment on account updated to Refunded.

Payments on Account Search

On Account Reference ID	First Name	Last Name	Payment Transaction ID	On Account Date	On Account Amount	Currency	On Account Status
OVPY_20210216T1526240000Z3195E	Peter	Skate	RECT-5020	2/16/21	200.00	USD	Unapplied >
OVPY_20210211T2209130000Z7909E	William	Brown	4	2/11/21	10.00	USD	Unapplied >
OVPY_20210211T2211300000Z296E	Alden	Richards	RECT-2021-10004	2/11/21	25.00	USD	Refunded >
OVPY_20210215T1131520000Z1377E	Peter	Skate	RECT-5006	2/15/21	200.00	USD	Unapplied >
OVPY_20210215T1626510000Z433E	Peter	Skate	RECT-5014	2/15/21	200.00	USD	Unapplied >



## Creating Oracle Receivable Receipts

Run the Create Oracle Receivables Receipt process to generate receipts in Oracle Receivables for each payment line associated with a payment processed in Oracle Permitting and Licensing.

The process assigns a receipt method and remittance name to each receipt based on the receipt options defined for each payment method at the agency level. It assigns a receivable activity name based on the following hierarchy:

1. If a receivable activity name is defined for a fee item and record type then the process assigns that value when creating receipts for all payment history lines that have the same fee item and record type. It ignores receivable activity names defined at the record type or agency level.
2. If a receivable activity name is defined for a fee item and all record types then the process assigns that value when creating receipts for all payment history lines that have the same fee item. It ignores receivable activity names defined at the record type or agency level.
3. If a receivable activity name is defined for a record type then the process assigns that value when creating receipts for all payment history lines that have same record type. It ignores receivable activity names defined at the agency level.
4. If a receivable activity name is not defined by record type or fee item then the process assigns the receivable activity name defined at the agency level.

The process uses the payment reference ID to create the receipt numbers in Oracle Receivables. It strips out the four-letter and underscore prefix, and appends an underscore and number for each payment history line associated with the payment reference ID. For example, for the payment reference ID DRCD\_20201029T143300767Z640574, which includes two payment history lines, the process would pass two receipt numbers: 20201029T143300767Z640574\_1 and 20201029T143300767Z640574\_2.

If there's a problem with your integration setup for a payment, the Create Oracle Receivable Receipt process gives it a **Receivables Receipt Status** of *Error*. Once you correct the source of the error, you can run the process again.

Access the Create Oracle Receivables Receipt page from the navigator by selecting **Billing and Payment > Oracle Receivables Receipt**.

To initiate the process, access the Create Oracle Receivable Receipt page by:

- Selecting **Billing and Payment > Oracle Receivables Receipt** in the navigator.
- Clicking **Schedule New Process** in the Process Monitor, and selecting *Create Oracle Receivable Receipt*.

## Scheduling the Process

1. Access the Schedule tab.
2. To immediately add the process to the queue, select the **As soon as possible** option.
3. To create a schedule for the process, select the **Using a schedule** option, and enter values using the following fields:

Page Element	Description
Frequency	Select how frequently you want to run the process. Values are: <ul style="list-style-type: none"> <li>○ <i>Once</i>: Select to run the process one time only.</li> <li>○ <i>Hourly or minute</i>: Select to run the process at regular time intervals.</li> </ul>

Page Element	Description
	<ul style="list-style-type: none"> <li>○ <i>Daily</i>: Select to run the process at regular intervals in days.</li> <li>○ <i>Weekly</i>: Select to run the process at regular intervals in weeks.</li> <li>○ <i>Monthly</i>: Select to run the process on specific days of the month.</li> <li>○ <i>Yearly</i>: Select to run the process during specific months.</li> </ul>
<b>Start Date</b>	Enter the date on which you want to begin your scheduled processing.
<b>End Date</b>	Enter the date on which you want to end your scheduling processing.
<b>Hours and Minutes</b>	<p>Enter the time interval between scheduled processes. For example, if you enter 2 in the <b>Hours</b> field and 30 in the <b>Minutes</b> field, the process will run every 2 hours and 30 minutes beginning on the specified start date.</p> <p><b>Note:</b> These fields are available only if you select a process frequency of <i>Hourly or minute</i>.</p>
<b>Days</b>	<p>Enter the number of days between scheduled processes. For example, if you enter 3, the process will run every 3 days beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Daily</i>.</p>
<b>Weeks</b>	<p>Enter the number of weeks between scheduled processes. For example, if you enter 6, the process will run every 6 weeks beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Weekly</i>.</p>
<b>By day</b>	<p>Select this option to run the process on specific days of the month irrespective of the date. For example, if you select the <b>Second</b> and <b>Wednesday</b> options, the process will run on the second Wednesday of every month.</p> <p>You can select more than one week of the month and day of the week option. For example, you could schedule the process to run on the first and third Monday of every month.</p>

Page Element	Description
	<p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly</i> or <i>Yearly</i>.</p>
<p><b>By date</b></p>	<p>Select this option to run the process on specific dates of the month. You can select more than one date.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly</i> or <i>Yearly</i>.</p>
<p><b>Month</b></p>	<p>Select the months in which you want your process to run.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Yearly</i>.</p>

## Setting Up Process Notifications

You can set up the process to send notifications to you and others when it runs.

1. Turn on the **Notify Me When This Process Ends** switch to send yourself a notification when the process finishes.
2. Access Notification tab.
3. Click **Add**.
4. On the Create Notification page, enter the email address of the person you want to receive notifications.

By default, the recipient will receive a notification when the process ends with the following conditions:

- On success
- On error
- On warning

You can remove any of these process notification conditions.

5. Click **OK** to save the notification recipient.
6. (Optional) To delete a notification recipient, select the recipient in the Notification tab and click **Delete**.

## Submitting the Process

Once you've entered your process parameters, scheduling information, and notification recipients, you're ready to submit the process. Enter any additional information in the **Submission Notes** field and click **Submit**. Click **Process Monitor** to check the status of your process.

## Reconciling Orphaned Card Payments

Reconcile orphaned card payments at scheduled intervals using the Sync Card Payment Status process.

An orphaned payment is a successful payment transactions saved in Cybersource, but not recorded in either Fusion Payments or Licensing and Permitting.

The Sync Card Payment Status process reads orphaned transactions from the checkout table, calls the Fusion Payments API to get status from CyberSource, and invokes a payment response for all those transactions.

To initiate the process, access the Sync Card Payment Status page by:

- Selecting **Billing and Payment > Sync Card Payment Status** in the navigator.
- Clicking **Schedule New Process** in the Process Monitor, and selecting *Sync Card Payment Status*.

## Scheduling the Process

1. Access the Schedule tab.
2. To immediately add the process to the queue, select the **As soon as possible** option.
3. To create a schedule for the process, select the **Using a schedule** option, and enter values using the following fields:

Page Element	Description
<b>Frequency</b>	Select how frequently you want to run the process. Values are: <ul style="list-style-type: none"> <li>○ <i>Once</i>: Select to run the process one time only.</li> <li>○ <i>Hourly or minute</i>: Select to run the process at regular time intervals.</li> <li>○ <i>Daily</i>: Select to run the process at regular intervals in days.</li> <li>○ <i>Weekly</i>: Select to run the process at regular intervals in weeks.</li> <li>○ <i>Monthly</i>: Select to run the process on specific days of the month.</li> <li>○ <i>Yearly</i>: Select to run the process during specific months.</li> </ul>
<b>Start Date</b>	Enter the date on which you want to begin your scheduled processing.
<b>End Date</b>	Enter the date on which you want to end your scheduling processing.
<b>Hours and Minutes</b>	Enter the time interval between scheduled processes. For example, if you enter 2 in the <b>Hours</b> field and 30 in the <b>Minutes</b> field, the process will run every 2 hours and 30 minutes beginning on the specified start date.

Page Element	Description
	<p><b>Note:</b> These fields are available only if you select a process frequency of <i>Hourly or minute</i>.</p>
<b>Days</b>	<p>Enter the number of days between scheduled processes. For example, if you enter 3, the process will run every 3 days beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Daily</i>.</p>
<b>Weeks</b>	<p>Enter the number of weeks between scheduled processes. For example, if you enter 6, the process will run every 6 weeks beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Weekly</i>.</p>
<b>By day</b>	<p>Select this option to run the process on specific days of the month irrespective of the date. For example, if you select the <b>Second</b> and <b>Wednesday</b> options, the process will run on the second Wednesday of every month.</p> <p>You can select more than one week of the month and day of the week option. For example, you could schedule the process to run on the first and third Monday of every month.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly or Yearly</i>.</p>
<b>By date</b>	<p>Select this option to run the process on specific dates of the month. You can select more than one date.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly or Yearly</i>.</p>
<b>Month</b>	<p>Select the months in which you want your process to run.</p>

Page Element	Description
	<p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Yearly</i>.</p>

## Setting Up Process Notifications

You can set up the process to send notifications to you and others when it runs.

1. Turn on the **Notify Me When This Process Ends** switch to send yourself a notification when the process finishes.
2. Access Notification tab.
3. Click **Add**.
4. On the Create Notification page, enter the email address of the person you want to receive notifications.

By default, the recipient will receive a notification when the process ends with the following conditions:

- o On success
- o On error
- o On warning

You can remove any of these process notification conditions.

5. Click **OK** to save the notification recipient.
6. (Optional) To delete a notification recipient, select the recipient in the Notification tab and click **Delete**.

## Submitting the Process

Once you've entered your process parameters, scheduling information, and notification recipients, you're ready to submit the process. Enter any additional information in the **Submission Notes** field and click **Submit**. Click **Process Monitor** to check the status of your process.

# 17 Working with Accounting

## Generating Accounting Transactions and Journal Entries

Depending on the accounting framework implemented by your agency, you use accounting batch processing to generate subledger accounting events or accounting transactions and journal entries from source transactions such as payments and refunds.

Accounting transactions and journal entries are created if the offering-level Accounting Framework Option is *Public Sector Accounting*, and subledger accounting events are created if the offering-level Accounting Framework Option is *Financials Cloud Subledger Accounting*. For more information, see [Selecting an Accounting Framework](#).

Before you run the Generate Accounting process, set up accounting event definitions and accounting rules. Processing includes only source transactions with active accounting event definitions to create subledger accounting events or accounting transactions and journal entries. If an accounting event is enabled for Public Sector Accounting, you must activate the relevant accounting rules to create accounting transactions and journal entries. For more information, see [Managing Accounting Events](#) and [Setting Up Accounting Rules](#).

**Note:** You must enable accounting event definitions for the FeeReceipts and FeeRefunds events to process source transactions in Code Enforcement. These events must also be enabled to support overpayments and payments made with multiple payment methods.

**Note:** If the source transaction is a cash reconciliation adjustment, accounting transactions are created at the time the reconciliation adjustment is made. However, batch processing is required to generate the resulting journal entries. If journal entries aren't created, verify that the ReconAdjustment event definition is enabled.

The transaction status of accounting transactions that are created without journals is *Created*. The status of accounting transactions after journal entries are generated is *Generated*. The Generate Accounting process groups accounting transactions into journals based on the combination of ledger, accounting date, accounting event, and accounting rule.

You set up and run batch processing on the Generate Accounting page, which you can access by selecting **Accounting > Generate Accounting**.

### Entering Generate Accounting Process Parameters

1. Access the Parameters tab on the Generate Accounting page.
2. Use the **Date From** and **Date To** fields to process source transactions such as payments or refunds made during the date range that require accounting. The system configuration determines which source transactions will be processed.

The payment or refund accounting date is based on the next available date in the accounting calendar. You can review the accounting details after processing on the Accounting Transactions page. For more information, see [Viewing Accounting Transactions](#).

## Scheduling the Process

1. Access the Schedule tab.
2. To immediately add the process to the queue, select the **As soon as possible** option.
3. To create a schedule for the process, select the **Using a schedule** option, and enter values using the following fields:

Page Element	Description
<b>Frequency</b>	<p>Select how frequently you want to run the process. Values are:</p> <ul style="list-style-type: none"> <li>○ <i>Once</i>: Select to run the process one time only.</li> <li>○ <i>Hourly or minute</i>: Select to run the process at regular time intervals.</li> <li>○ <i>Daily</i>: Select to run the process at regular intervals in days.</li> <li>○ <i>Weekly</i>: Select to run the process at regular intervals in weeks.</li> <li>○ <i>Monthly</i>: Select to run the process on specific days of the month.</li> <li>○ <i>Yearly</i>: Select to run the process during specific months.</li> </ul>
<b>Start Date</b>	Enter the date on which you want to begin your scheduled processing.
<b>End Date</b>	Enter the date on which you want to end your scheduling processing.
<b>Hours and Minutes</b>	<p>Enter the time interval between scheduled processes. For example, if you enter 2 in the <b>Hours</b> field and 30 in the <b>Minutes</b> field, the process will run every 2 hours and 30 minutes beginning on the specified start date.</p> <p><b>Note:</b> These fields are available only if you select a process frequency of <i>Hourly or minute</i>.</p>
<b>Days</b>	<p>Enter the number of days between scheduled processes. For example, if you enter 3, the process will run every 3 days beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Daily</i>.</p>
<b>Weeks</b>	<p>Enter the number of weeks between scheduled processes. For example, if you enter 6, the process will run every 6 weeks beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Weekly</i>.</p>



Page Element	Description
<p><b>By day</b></p>	<p>Select this option to run the process on specific days of the month irrespective of the date. For example, if you select the <b>Second</b> and <b>Wednesday</b> options, the process will run on the second Wednesday of every month.</p> <p>You can select more than one week of the month and day of the week option. For example, you could schedule the process to run on the first and third Monday of every month.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly</i> or <i>Yearly</i>.</p>
<p><b>By date</b></p>	<p>Select this option to run the process on specific dates of the month. You can select more than one date.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly</i> or <i>Yearly</i>.</p>
<p><b>Month</b></p>	<p>Select the months in which you want your process to run.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Yearly</i>.</p>

## Setting Up Process Notifications

You can set up the process to send notifications to you and others when it runs.

1. Turn on the **Notify Me When This Process Ends** switch to send yourself a notification when the process finishes.
2. Access Notification tab.
3. Click **Add**.

4. On the Create Notification page, enter the email address of the person you want to receive notifications.

By default, the recipient will receive a notification when the process ends with the following conditions:

- o On success
- o On error
- o On warning

You can remove any of these process notification conditions.

5. Click **OK** to save the notification recipient.
6. (Optional) To delete a notification recipient, select the recipient in the Notification tab and click **Delete**.

## Submitting the Process

Once you've entered your process parameters, scheduling information, and notification recipients, you're ready to submit the process. Enter any additional information in the **Submission Notes** field and click **Submit**. Click **Process Monitor** to check the status of your process.

## Viewing Accounting Transactions

You can view accounting transactions on the Accounting Transactions page.

This page displays the fee items for agency transactions that require accounting journals. Each fee item row displays the transaction ID of the transaction from which it originated and the name of the source table that contains the detail for that transaction. These accounting transactions are processed by the Generate Accounting process.

## Viewing Accounting Transactions

1. Select **Accounting > Accounting Transactions**, or click **Accounting Transactions** on the Agency Springboard.
2. Select an accounting transaction on the Accounting Transactions page to view additional information about the transaction.

Each accounting transaction has one of the following statuses:

- o *Created*: The Generate Accounting process couldn't create a journal for the accounting transaction because there is no applicable accounting rule.
- o *Generated*: The Generate Accounting process created a journal for the accounting transaction.

For accounting transactions with a status of *Generated*, the **Journal** grid displays information about the journal entry associated with it including the Journal ID, Accounting Event, and Journal Status. For more information on journal entries, see [Reviewing Journal Entries](#).

The **Accounting Transaction Errors** grid displays any error messages associated with the accounting transaction. These errors must be corrected before a journal can be created for the transaction.

## Reviewing Journal Entries

You view and edit journal entries on the Journal page.

Journals contain debit and credit accounting entries created by the Generate Accounting process for the accounting transactions that it processes. You can export journals that do not contain errors to an Enterprise Resource Planning (ERP) system.

### Viewing Journal Entries

Select **Accounting > Journal**, or click **Journal** on the Agency Springboard.

The grid on the Journal page displays all of your journal entries and their current status by the accounting date. Valid journal entry statuses are:

- *Created*: Indicates that the journal has been created but not validated.
- *Error*: Indicates that the journal has one or more validation errors.
- *Valid*: Indicates that the journal has been validated and is ready to be exported.
- *Sent*: Indicates that the journal has been exported to a file that can be used to update an ERP system.

### Reviewing Accounting Lines

1. Select **Accounting > Journal**, or click **Journal** on the Agency Springboard.
2. Select a journal entry on the Journal page.
3. In the Lines tab of the Journal Details page, select an accounting line.
4. On the details page, you can update the following accounting fields:
  - **Account**
  - **Division**
  - **Department**
  - **Fund**
  - **Function**
  - **Program**
5. Click **Save**.
6. On the Journal Details page, click **Validate** to ensure that the accounting lines are still valid after the changes you made.

### Viewing Journal Entry Errors

1. Select **Accounting > Journal**, or click **Journal** on the Agency Springboard.
2. Select a journal entry on the Journal page.
3. Access the Header Errors tab to view any header errors for the accounting line.
4. Access the Line Errors tab to view any line errors for the accounting line.  
You can correct these errors on the Lines tab. Once you correct and validate a line error, it no longer appears on the Line Errors tab.

## Exporting Journal Entries

You create a file containing accounting transactions that can be imported into an Enterprise Resource Planning (ERP) system.

When a *Publish Accounting* integration is enabled for your agency, the Export Journals to ERP process publishes accounting information to OIC where it can be transformed and imported by third-party applications. For more information, see *Setting Up Agency Integrations*.

**Note:** If you use Oracle Financials Cloud as your ERP system, we recommend using the Financials Cloud Subledger Accounting feature to enable ERP accounting integration instead of using the Export Journals to ERP process.

You run the process that exports journal entries on the Export Journals to ERP page, which you can access by selecting **Accounting > Export Journals**.

### Entering Export Journals to ERP Process Parameters

Access the Parameters tab on the Export Journals to ERP page and enter values using the following fields:

Page Element	Description
<b>Mapping Name</b>	Select the Data Format Exchange mapping that you want to use to generate the file. For more information on the Data Format Exchange utility, see <i>Setting Up Data Format Exchange Maps</i> .
<b>All Open Periods</b>	Select to include journals for all open accounting periods.
<b>Specify Dates</b>	Select to include journals for a specific accounting date range.
<b>Accounting Date From</b> and <b>Accounting Date To</b>	Specify the range of accounting dates for which you are exporting journal entries.
<b>Select Ledgers</b>	Select the ledgers for which you want to export journal entries.

### Scheduling the Process

1. Access the Schedule tab.
2. To immediately add the process to the queue, select the **As soon as possible** option.
3. To create a schedule for the process, select the **Using a schedule** option, and enter values using the following fields:

Page Element	Description
<b>Frequency</b>	Select how frequently you want to run the process. Values are:

Page Element	Description
	<ul style="list-style-type: none"> <li>○ <i>Once</i>: Select to run the process one time only.</li> <li>○ <i>Hourly or minute</i>: Select to run the process at regular time intervals.</li> <li>○ <i>Daily</i>: Select to run the process at regular intervals in days.</li> <li>○ <i>Weekly</i>: Select to run the process at regular intervals in weeks.</li> <li>○ <i>Monthly</i>: Select to run the process on specific days of the month.</li> <li>○ <i>Yearly</i>: Select to run the process during specific months.</li> </ul>
<b>Start Date</b>	Enter the date on which you want to begin your scheduled processing.
<b>End Date</b>	Enter the date on which you want to end your scheduling processing.
<b>Hours and Minutes</b>	<p>Enter the time interval between scheduled processes. For example, if you enter 2 in the <b>Hours</b> field and 30 in the <b>Minutes</b> field, the process will run every 2 hours and 30 minutes beginning on the specified start date.</p> <p><b>Note:</b> These fields are available only if you select a process frequency of <i>Hourly or minute</i>.</p>
<b>Days</b>	<p>Enter the number of days between scheduled processes. For example, if you enter 3, the process will run every 3 days beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Daily</i>.</p>
<b>Weeks</b>	<p>Enter the number of weeks between scheduled processes. For example, if you enter 6, the process will run every 6 weeks beginning on the specified start date.</p> <p><b>Note:</b> This field is available only if you select a process frequency of <i>Weekly</i>.</p>
<b>By day</b>	<p>Select this option to run the process on specific days of the month irrespective of the date. For example, if you select the <b>Second</b> and <b>Wednesday</b> options, the process will run on the second Wednesday of every month.</p> <p>You can select more than one week of the month and day of the week option. For example, you could schedule the process to run on the first and third Monday of every month.</p>

Page Element	Description
	<p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly</i> or <i>Yearly</i>.</p>
<p><b>By date</b></p>	<p>Select this option to run the process on specific dates of the month. You can select more than one date.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Monthly</i> or <i>Yearly</i>.</p>
<p><b>Month</b></p>	<p>Select the months in which you want your process to run.</p> <p><b>Note:</b> This option and its associated fields are available only if you select a process frequency of <i>Yearly</i>.</p>

## Setting Up Process Notifications

You can set up the process to send notifications to you and others when it runs.

1. Turn on the **Notify Me When This Process Ends** switch to send yourself a notification when the process finishes.
2. Access Notification tab.
3. Click **Add**.
4. On the Create Notification page, enter the email address of the person you want to receive notifications.

By default, the recipient will receive a notification when the process ends with the following conditions:

- On success
- On error
- On warning

You can remove any of these process notification conditions.

5. Click **OK** to save the notification recipient.
6. (Optional) To delete a notification recipient, select the recipient in the Notification tab and click **Delete**.

## Submitting the Process

Once you've entered your process parameters, scheduling information, and notification recipients, you're ready to submit the process. Enter any additional information in the **Submission Notes** field and click **Submit**. Click **Process Monitor** to check the status of your process.

## Processing the Journal Entry Output

Use the `publicSectorMappingAttachments` REST API to process the output file generated by the Export Journals to ERP. For more information on this REST API, see [REST API for Oracle Public Sector Cloud](#).





# 18 Working with Deposit Accounts

## Depositing Funds

Agency Staff and authorized users can track funds deposited into a deposit account.

Agency staff and authorized users can track funds deposited into a deposit account.

Agency staff with the manage deposit account privilege can record deposits received into a deposit account.

Authorized users with access to deposit can make deposits into a deposit account.

If checks are returned for lack of funds, agency staff with the manage account privilege can reverse the deposit recorded for a deposit account.

## Adding Funds to a Deposit Account

1. Select **Billing and Payment > Deposit Accounts**.
2. On the Deposit Accounts page, click **Activity** in the left hand navigation.
3. Click **Add Deposit** and enter the deposit amount, and select an **Authorized User**.
4. Click **Submit**.
5. Select the payment method and continue to complete the payment.

## Reversing Funds

1. Select **Billing and Payment > Deposit Accounts**.
2. On the Deposit Accounts page, click **Activity** in the left hand navigation.
3. Click the row for the deposit to reverse.
4. Click **Reverse Deposit**, select a reversal reason, and submit the reversal request.

## Importing Electronic Deposits

This feature provides an integration with Oracle Financials Cash Management and enables agency staff to import deposits received in the form automated clearing house (ACH) and wires and recorded in Oracle Financials Cash Management.

Use the scheduled process, Import Electronic Deposits for Deposit Accounts, to import automated clearing house ACH and wire deposits from Oracle Financials Cash Management.

For more information, see [Using the Process Monitor](#).

To import deposit activity from Oracle Financials, you have to:

- Configure a Cash Management lookup code. Add a lookup code 'TRSA' for the lookup type CE\_TRX\_TYPE. To add the lookup code 'TRSA' agency staff use the Manage Cash Management Lookups task under the Cash Management and Banking functional area in the Financials Setup menu.
- Link the Oracle Financials Cash Management bank account to a deposit account in the Funding and Security section of the Deposit Account Information page. For more information, see [Setting Up Deposit Accounts](#).

- Create an External Transaction in Oracle Financials Cash Management with a Transaction Type value of TRSA.
- Populate the deposit account number in the reconciliation reference field of the Bank Statement Line in Oracle Financials Cash Management.
- Reconcile the External Transaction and Bank Statement Line in Oracle Cash Management on a One to One (1-1) basis.

After you run the import, you can review the deposit on the Deposit Account Activity page for each deposit account.

## Paying Fees

Agency staff can pay fees with funds in a deposit account.

Applicants, primary contacts, or just contacts can pay fees with funds in a deposit account if they are authorized users on the deposit account and have access to pay fees.

For more information, see *Working with Fees and Payments*.

## Running Autopay to Pay Fees with Deposit Account Funds

You can set up a process to record fee payments for deposit accounts.

1. Select **Billing and Payment > Deposit Account Autopay Fees**.
2. On the Parameters tab, confirm that **All Deposit Accounts** is selected and click **Submit**.

For more information, see *Using the Process Monitor*.

## Reversing Fees

You can reverse fees that have been paid with funds in a deposit account.

1. Select **Billing and Payment > Deposit Accounts**.
2. On the Activity tab, click **Reverse Fee**.
3. Select one or more fee items and click **Submit Reversal**. If you want to reverse fee items associated with a Payment Reference ID, search for that Payment Reference ID the before selecting the fee items.
4. Select a reason for the reversal and click **Submit**.

## Viewing Fees that are Payable by Authorized Users

This page lists the fees that can be paid by each authorized user with the balance in the trust account.

1. Select **Billing and Payment > Deposit Accounts**.
2. Click the **Fees Payable** tab in the left navigation to see the list of fees.

## Refunding Account Balances and Fees

Agency staff can initiate refunds for balances in deposit accounts from the Deposit Account page for the full amount or a partial amount.

**Note:** Agency staff must ensure that all applicable fees have been charged to the deposit account before issuing a full refund of the account balance.

Agency staff can initiate fee refunds back to the deposit account from the Fees and Payments page on a Permit or planning application transaction.

Agency staff can also void a refund if the refund has been initiated incorrectly.

## Refunding Deposit Account Balances

1. Select **Billing and Payment > Deposit Accounts**.
2. On the Deposit Accounts page, click **Activity** in the left hand navigation.
3. Click Initiate Refund, enter the Refund Amount and click **Submit**.

## Refunding Fees Back to a Deposit Account

When there is a downward adjustment of a fee after it has been paid with funds in a deposit account, agency staff can refund the excess fee payment to the deposit account.

You can initiate refunds of fees from the permit or planning application on the Fees and Payments page in the application details. Agency staff can:

- Manually choose the amount to refund or run the recalculation process to create a downward adjustment.
- Access the Refund History page and process the refund to refund it to the deposit account.
- View the fee refund on the Activity tab of the Deposit Account page.

For more information, see [Setting Up Deposit Accounts](#) and [Working with Fees and Payments](#)

## Printing Deposit Account Statements

You can print an account statement for a deposit account.

To print deposit account statements, agency staff has to configure following parameters for the Report ID DepositAccountStatement001:

- Parameter ID: 1  
Parameter Name: P\_DEPOSIT\_ACCOUNT\_NUMBER  
Parameter Data Type: String
- Parameter ID: 2  
Parameter Name: P\_TRANSACTION\_DATE\_FROM  
Parameter Data Type: Date
- Parameter ID: 3  
Parameter Name: P\_TRANSACTION\_DATE\_TO  
Parameter Data Type: Date

For more information about configuring report parameters, see [Setting Up Reports](#)

You print account statements from the Deposit Account page.

1. Select **Billing and Payment > Deposit Accounts**.
2. On the Deposit Accounts page, click Account Information in the left hand navigation.
3. Click **Print** and enter the **Statement Period**.
4. Click **Done**. The generated deposit account statement file opens in a separate browser tab.

**Note:** If your browser has a pop-up blocker, make sure it allows pop-up windows from the URL associated with Oracle Permitting and Licensing.

# 19 Working with Processes

## Using the Process Monitor

The Process Monitor enables users to initiate and manage processes for Oracle Oracle Permitting and Licensing.

This example shows the Process Monitor page.

Process Monitor

Schedule New Process

Last 12 hours ▾

Name	Process ID	Status	Submitted By	Submission Time	Scheduled Time	Actions
Export Journals to ERP	14336	Running	SYSTEM_ADMIN	5/8/19 3:08 PM PDT	5/8/19 3:08 PM PDT	<input type="button" value="i"/> <input type="button" value="&gt;"/>
Generate Accounting	14306	Succeeded	SYSTEM_ADMIN	5/8/19 3:01 PM PDT	5/8/19 3:01 PM PDT	<input type="button" value="i"/> <input type="button" value="&gt;"/>

## Scheduling a New Process

1. Select **Common > Process Monitor**.
2. On the Process Monitor page, click **Schedule New Process**.
3. On the Schedule New Process page, select the process you want to run in the **Name** field. A description of the selected process appears in the **Description** field.
4. Click **Yes** to access the page associated with the process you selected. For example, if you select the *Generate Accounting* process, clicking the **Yes** button accesses the Generate Accounting page.
5. Enter parameters for the process and click **Submit**.

**Note:** Processes can be run immediately or scheduled to run at a specific time. If you want to schedule a recurring process beyond 20 years into the future, the **End Date** must have a four-digit year. This requires updating the date format defined in the regional preferences. From the account menu, select **My Preferences**, click **View Advanced Preferences**, and select **Regional**. On the General Preferences: Regional page, you can update the **Date Format** to use a four-digit year.

6. Click the **Process Monitor** link to view the progress of the process on the Process Monitor page.
7. Click **Refresh** to view the current status of all processes listed in the Process Monitor.

## Managing Processes

Select **Common > Process Monitor**.

The Process Monitor page displays information for each process in the following sortable columns:

- **Name**
- **Process ID**
- **Status**
- **Submitted By**
- **Submission Time**
- **Scheduled Time**

**Note:** The **Submission Time** and **Scheduled Time** columns use the time zone specified in the user's preferences, not the time zone for the agency.

Click **Filter By** to filter the displayed process information by *Name*, *Process*, and *Submission Time*.

You can manage processes using the following page elements:

Page Element	Description
<b>Actions</b>	Click the icon in this column to select one of the following actions: <ul style="list-style-type: none"><li>• <i>Put on Hold</i></li><li>• <i>Release Process</i></li><li>• <i>Cancel Process</i></li></ul>
<b>View More Details</b>	Click to view additional information about the process on the Process Details page.

# 20 Working with Reports

## Generating Reports

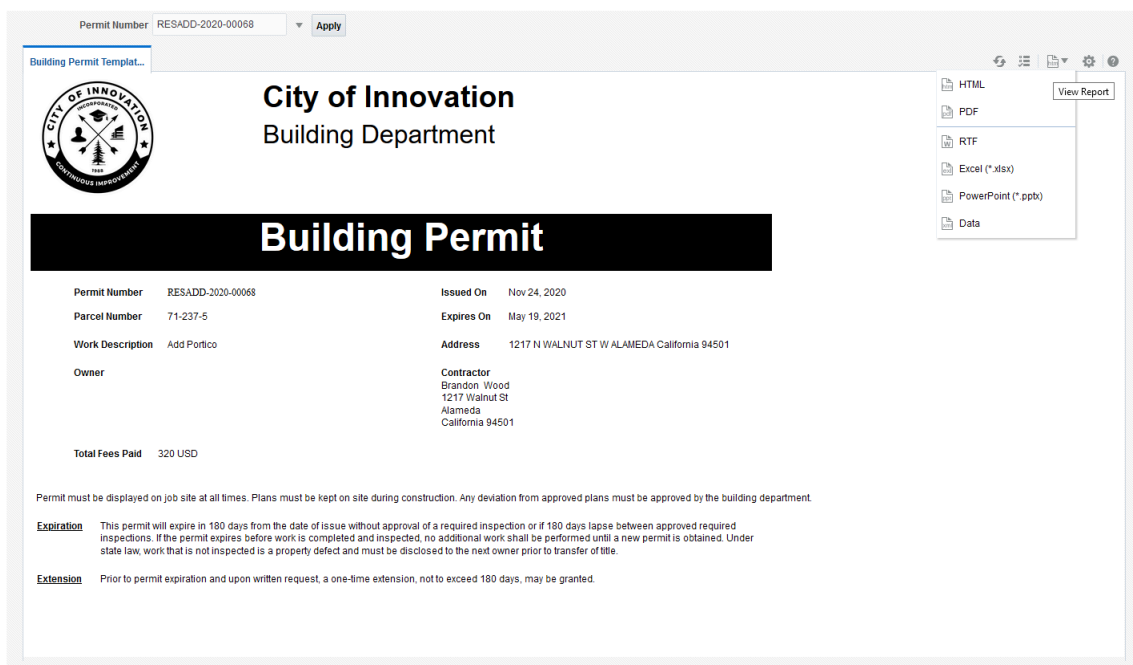
Agency staff have the option of generating BI Publisher reports from a central location instead of navigating to the various pages where reports are found. The report list includes all reports, such as permit activity, building permits, business license certificates, receipts, deposit slips, inspection summaries, code enforcement case history, and many more.

You can only access the reports that are available to you based on the permissions setup for the reports in the BI catalog. System administrators can generate all reports and also edit them. For more information about setting up permissions, see [Granting Catalog Permissions](#).

For a list of delivered reports, see [Public Sector Compliance and Regulation Analytics](#).

This example illustrates the generated report for a building permit from the report list.

The report generated with the selected parameters appears on the left and the view options are accessible through the View Report menu on the right.



Here's how to generate a report from the Report List page:

1. Click the Reports and Analytics icon in the global header on the agency springboard. Select the **Report List** link. Or select **Common > Report List** in the Navigator.
2. Expand the Public Sector section in the left panel of the Report List page.
3. Click the category that the report is filed under. For example, you'll find the Building Permit Report in the Permits category.
4. Click the report name in the right panel. The report loads in a new browser tab.

5. Select values for the available parameters and click **Apply**. For example, if you're logged in as a cashier, you can enter the session ID and reconciliation ID for the Cashier Session Reconciliation Report. Processing generates the report in the browser window in HTML.
6. Click the **View Report** icon in the upper right corner of the page to open the generated report in PDF in your browser. You can also open the generated report as a file by selecting RTF, Excel, or PowerPoint. To open the report in XML without a stylesheet, select the Data option.
7. If you're a system administrator, you can click the **Actions** icon to edit the report.



# 21 Using the Digital Assistant

## Overview of Digital Assistant

Create your own digital assistant from scratch using your Oracle Digital Assistant instance and configure its parameters to suit your requirement before making it available for your users.

Create and add skills to your digital assistant. You can also use the Oracle delivered sample skills and re-configure its parameters, or clone the skill for the digital assistant you create.

Enable your digital assistant to provide generic information about processes or answer specific questions about your offerings, and enlist your own set of frequently asked question with answers.

## Asking Details

The delivered digital assistant skills, for example, facilitates responses and recommendations to questions raised by an anonymous user regarding the permitting process:

- With the PERMIT SEARCH skill, the digital assistant can access information from the Permit implementation and list the permits that match one of the search parameters – *Permit Number*, *Parcel ID*, and *Street*. Users can also review the permit detail page, if they want to look into a permit they just searched.
- With the PERMIT RECOMMENDATIONS skill, the digital assistant can access information from Oracle Intelligent Advisor and list permit recommendations. The skill prompts the user with questions from the Oracle Intelligent Advisor questionnaire and retrieves a list of recommended permits based on the user's responses to the questions.

For details on configuring your digital assistant for use, such as intents and the dialog flow, see the documentation [Configure for Use in a Digital Assistant](#).

## Asking Questions

Your digital assistant can store a list of questions and answers to be available as Frequently Asked Questions (FAQs) regarding the processes your agency follows.

The content for the FAQs are entered in a spreadsheet and attached to the digital assistant. The Oracle delivered spreadsheet can be updated with information from your knowledge-base.

For details on configuring your digital assistant to add questions and answers, see the documentation on [Q&A](#).



# 22 Using Accessibility Features

## Overview of Accessibility

This topic provides an overview of the approach towards accessibility in the Oracle Permitting and Licensing offerings.

The Public Sector Compliance and Regulation services are developed with the latest industry standards for accessibility in mind, which is in keeping with the overall development approach within Oracle.

Oracle recognizes the need for our applications, and our customers' and partners' products built with our tools, to be usable by the disabled community. The Oracle Accessibility Program Office, reporting to the office of the Chief Corporate Architect, is responsible for defining the corporate standards for accessibility, and developing materials to train all employees so that they can successfully create products that meet those standards.

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/us/corporate/accessibility/index.html>.

Oracle uses the Voluntary Product Accessibility Template (VPAT) to represent the degree of conformance to various accessibility standards and guidelines, including Section 508 (as released in 2001), WCAG 1.0, and WCAG 2.0. Depending on when a product was developed and released, different standards may be listed. Oracle is an active member on the ITI group that is working to enhance the VPAT to address future standards.

For more information about Oracle's published VPAT documents, see the Product Status (VPATs) page at <http://www.oracle.com/us/corporate/accessibility/vpats/index.html>.

## Using General Keyboard Shortcuts

This topic lists and describes the supported general keyboard shortcuts.

Keyboard Shortcut	Description
Tab	<p>This is the primary key used by all keyboard users to move from each control that can accept focus.</p> <ul style="list-style-type: none"><li>• Use Tab to select any actionable or field just like you can use the mouse to select any field on the page.</li><li>• For folder tabs, the Tab key will take you to a tab, and then you have to use other keys to select and navigate within that tab.</li><li>• For radio buttons the Tab key will take you to the first radio button in a radio button set, and then you have to use other keys to select items within the radio button set.</li><li>• For drop-down lists, the Tab key will take you to the list field, and then you have to use other keys to move through values and select values.</li></ul>
Shift+Tab	<p>This keyboard combination works the same as Tab, except it works in the opposite direction. For example, it enables you to switch focus to the previous control or field, rather than the next control or field.</p>

Keyboard Shortcut	Description
Spacebar	Use for: <ul style="list-style-type: none"> <li>• Selecting a tab</li> <li>• Activating a button</li> <li>• Selecting a check box</li> <li>• Selecting a radio button that is not selected</li> </ul>
Enter	Use to: <ul style="list-style-type: none"> <li>• Press a button.</li> <li>• Click a link.</li> <li>• Select an item from a drop-down list.</li> </ul>
Down Arrow	Use for: <ul style="list-style-type: none"> <li>• Moving through values in a drop-down list</li> <li>• Selecting different values in a set of radio buttons</li> <li>• Moving between different folder tabs</li> </ul>
Up Arrow	Works the same as the Down Arrow, except it enables you to move in the opposite direction (previous instead of next).
Left Arrow	Works similar to the Up Arrow.
Right Arrow	Works similar to the Down Arrow.
Home	When in the context of tabs, sets focus to the first tab.
Ctrl+Home	Takes you to the very top of a page.

## Using the Keyboard with Data Collections

This topic describes examples of how to use keyboard shortcuts to navigate within the various collections, such as tables and lists, and select actionable items.

### Tables

This section describes how to navigate within tables appearing on a page. The example below uses the Country table for illustration.

## Country

Country Code	ISO Alpha 2 Code	ISO Numeric 3 Code	Country Name
COG	CG	178	Congo >
COK	CK	184	Cook Islands >
COL	CO	170	Colombia >
COM	KM	174	Comoros >
CRI	CR	188	Costa Rica >
CUB	CU	192	Cuba >
CUW	CW	531	Curacao >
CXR	CX	162	Christmas Island >
CYM	KY	136	Cayman Islands >
CYP	CY	196	Cyprus >
DEU	DE	276	Germany >

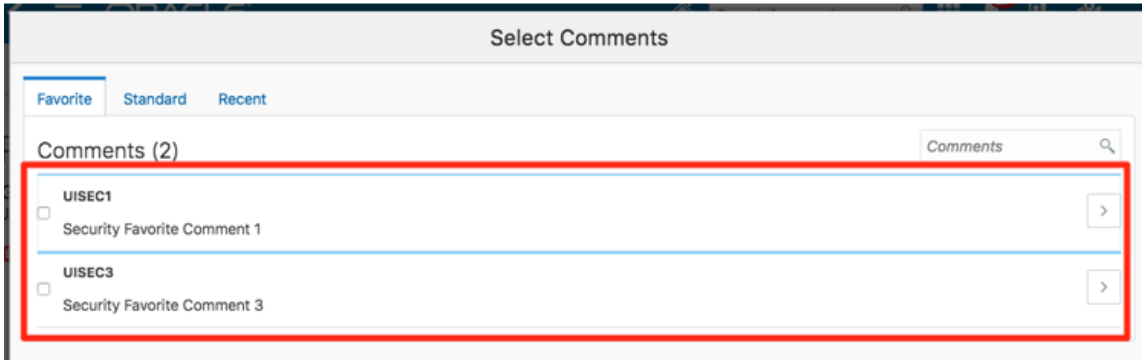
Page 1 of 22 (1-11 of 240 items) | 1 2 3 4 5 ... 22 >

Target	Key	Description
Cell	Tab	<p>The first Tab into the table moves focus to the first column header.</p> <p>The second Tab moves focus to the next focusable element outside of the table.</p> <p>If focus is on a row and the row has been placed in actionable mode using the F2 key, then Tab moves focus to the next focusable element within the row.</p> <p>If focus is already on the last focusable element, then focus will wrap to the first focusable element in the row.</p>
	Shift+Tab	<p>The first Shift+Tab into the table moves focus to the first column header.</p> <p>The second Shift+Tab moves focus to the previous focusable element outside of the table.</p> <p>If focus is on a row and the row is actionable, then Shift+Tab moves focus to the previous focusable element within the row.</p> <p>If focus is already on the first focusable element, then focus will wrap to the last focusable element in the row.</p>
	Down Arrow	Move focus to the next row.
	Shift+Down Arrow	Select and move focus to the next row.

Target	Key	Description
	Up Arrow	Move focus to the previous row. If at the first row, then move to the column header.
	Shift+Up Arrow	Select and move focus to the previous row.
	Home	Move focus to first row.
	End	Move focus to last row.
	Space	If chevron icon is used, drill down to the detail.
	Enter	Toggle the current row to actionable mode if there exists a tabbable element in the row.  Once toggled to actionable mode, focus will be moved to be first tabbable element in the row.
	F2	Toggle the current row to actionable mode if there exists a tabbable element in the row.
Column Header	Tab	Navigate to next focusable element on page (outside table).
	Shift+Tab	Navigate to previous focusable element on page (outside table).
	Down Arrow	Move focus to the first row.
	Left Arrow	Move focus to previous column header.
	Right Arrow	Move focus to next column header.
	Home	Move focus to first column header.
	End	Move focus to last column header.
	Space	Select column.

## List View

This section describes how to navigate within tables appearing on a page. The example below uses the Country table for illustration.



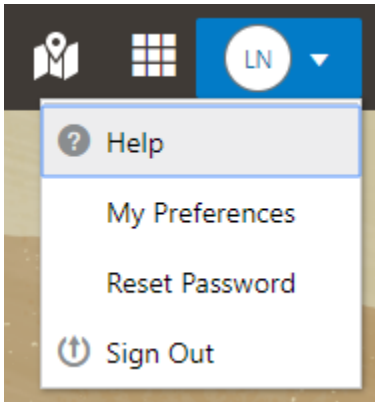
Target	Key	Description
List Item	F2	Enters Actionable mode. This enables keyboard action on elements inside the item, including navigation between focusable elements inside the item.
	Esc	Exits Actionable mode.
	Tab	When in Actionable Mode, navigates to next focusable element within the item. If the last focusable element is reached, shift focus back to the first focusable element. When not in Actionable Mode, navigates to next focusable element on page (outside ListView).
	Shift+Tab	When in Actionable Mode, navigates to previous focusable element within the item. If the first focusable element is reached, shift focus back to the last focusable element. When not in Actionable Mode, navigates to previous focusable element on page (outside ListView).
	Down Arrow	Move focus to the item below.
	Up Arrow	Move focus to the item above.
	Left Arrow	When display in card layout, move focus to the item on the left.
	Right Arrow	When display in card layout, move focus to the item on the right.
	Shift+F10	Launch the context menu if there is one associated with the current item.
	Enter	Selects the current item, unless the item is already selected.

# Using the Keyboard to Work with Page Controls

This topic describes examples of how to use the keyboard to work with various controls in the interface and select actionable items. Controls are UI constructs such as buttons, accordions, page tabs, and so on.

## Buttons

This section describes how to use the keyboard to control buttons in the global header or on pages.



Key	Description
Enter, Space, or Down Arrow	Open the menu.
Esc	Close the menu.

## Calendar

This section describes the hot keys you can use when working with the calendar control and date picker to select date field values.



Auto Number Rule | Electrical Permit 🔍

\* Valid from Date  📅

Valid to Date 📅

Public User Enabled

\* Department 1

Workflow Space Name

Workflow Application ID

< July 2018 >

M	T	W	T	F	S	S
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

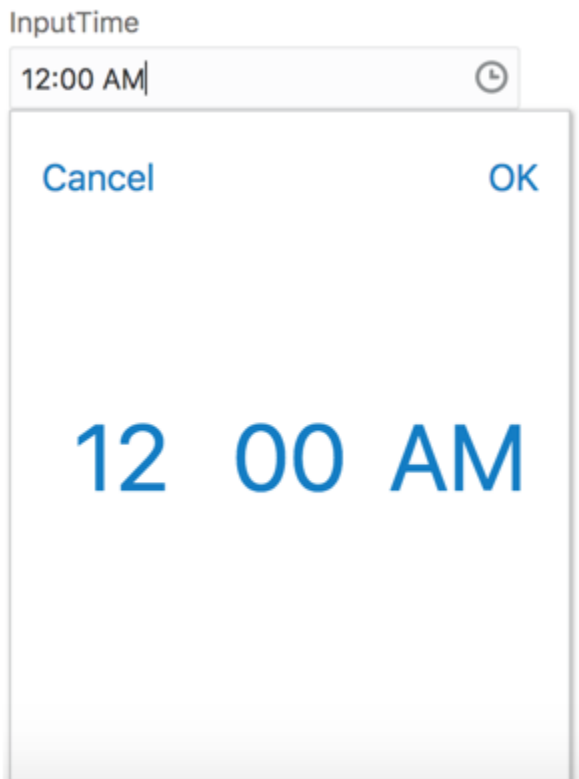
Today

Target	Key	Description
Input Element	Down Arrow or Up Arrow	Shows the calendar grid and moves the focus into the expanded grid
	Esc	Close the grid.
	Tab In	Set focus to the input. If hints, title or messages exist in a note window, displays the note window.
Picker	Enter	Select the currently focused day
	Up Arrow	Move up in the grid.
	Down Arrow	Move down in the grid.
	Right Arrow	Move right in the grid.
	Left Arrow	Move left in the grid.

Target	Key	Description
	Esc	Close the grid.
	Home	Move focus to first day of the month.
	End	Move focus to last day of the month.
	Page Up	Switch to previous month.
	Page Down	Switch to next month.
	Alt+Page Up	Switch to previous year.
	Alt+Page Down	Switch to next year.
	Ctrl+Alt+T	Places focus on the Today button if it exists.

## Time

This section describes the hot keys you can use when working with the time picker control to select time field values.



Key	Description
Down Arrow or Up Arrow	Shows the time picker and moves the focus into the expanded time picker
Tab In	Set focus to the input. If hints, title, or messages exist in a note window, displays the note window.

## Accordion

This section describes the hot keys you can use when working with the accordion control to expose and access items. An accordion is a set of expandable sections where only one section can be expanded at a time. When a new section gets expanded, the previous section automatically closes.

### Elements

- ▶ Predefined Elements
- ▲ User-Defined Elements

- Group box
- Text field
- Number field
- Date time field
- Switch
- Text area
- Radio button set
- Check box set
- Drop-down list
- Multi-Select list

The following table lists the keyboard options for working with the collapsible headers.

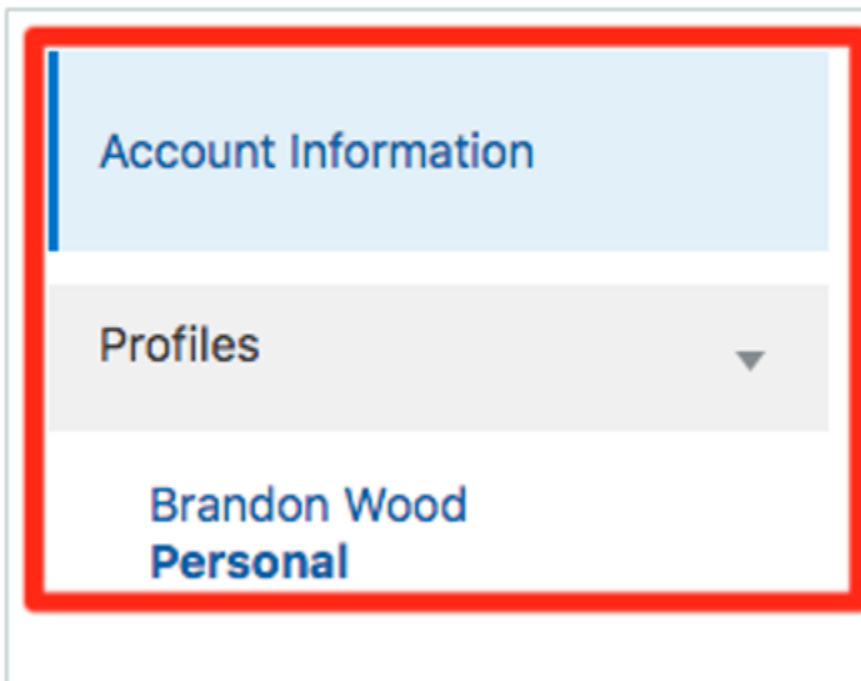
Key	Description
Space or Enter	Toggle disclosure state.
Tab	Navigate to next collapsible header and if none then the next element on page.
Shift+Tab	Navigate to previous collapsible header and if none then the previous element on page.
Up Arrow or Left Arrow (Right Arrow in right-to-left languages)	Move focus to the previous collapsible header with wrap around.

Key	Description
Down Arrow or Right Arrow (Right Arrow in right-to-left languages)	Move focus to the next collapsible header with wrap around.
Home	Move focus to the first collapsible header.
End	Move focus to the last collapsible header.

## Navigation Lists

This section describes how to use the keyboard to work with navigation lists to access items used take you to different locations or display additional content.

# Manage Account



The following table lists the keyboard options used for accessing list items.

Key	Description
Enter or Space	Selects list item.
Up Arrow	Moves focus to the previous visible list item.

Key	Description
Down Arrow	Moves focus to the next visible list item
Right Arrow (Left Arrow in right-to-left languages)	For horizontal navigation list, focus will be moved to next visible item.
Left Arrow (Left Arrow in right-to-left languages)	For horizontal navigation list, focus will be moved to previous visible item.
Home	Moves focus to the first visible list item.
End	Moves focus to the last visible list item.
F2	If focus is on a list item, pressing F2 will make its contents accessible using Tab.
Esc	When F2 mode is enabled, press Esc to exit F2 mode.
Shift+Tab	Move focus to hierarchical menu button. Only applicable for sliding navigation list and when hierarchical menu button is enabled.

## Tab Bars

This section describes how to use the keyboard to work with tab bars.



Key	Description
Enter or Space	Selects list item.
Up Arrow	Moves focus to the previous visible list item.
Down Arrow	Moves focus to the next visible list item
Right Arrow (Left Arrow in right-to-left languages)	For horizontal tab bar, focus will be moved to next visible item.
Left Arrow (Left Arrow in right-to-left languages)	For horizontal tab bar, focus will be moved to previous visible item.
Home	Moves focus to the first visible list item.
End	Moves focus to the last visible list item.

Key	Description
F2	If focus is on a list item, pressing F2 will make its contents accessible using Tab.
Esc	When F2 mode is enabled, press Esc to exit F2 mode.
Ctrl+X	Marks the current item to move if the reorderable feature is enabled.
Ctrl+V	Paste the item that are marked to directly before the current item
Delete	Delete the current item.