



# USER GUIDE Municipal Corporations VERSION 1.4

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### **ABBREVIATIONS AND DEFINITIONS**

Abbreviation	Description
ACPS	Automated Construction Permit System
CEO	Chief Executive Officer
СМОН	County Medical Officers of Health
GEID	Government Electrical Inspectorate Division
EMA	Environmental Management Authority
MEEI	Ministry of Energy and Energy Industries
MPD	Ministry of Planning and Development
MTI	Ministry of Trade and Industry
OGA	Other Government Agencies
SLA	Service Level Agreement
TCPD	Town and Country Planning Division
THA	Tobago House of Assembly
T&TEC	Trinidad and Tobago Electricity Commission
WASA	Water and Sewerage Authority

### **TERMS AND DEFINITIONS**

Term	Definitions
	The administrator is a super user for the Municipal Cor-
Administrator	poration on DevelopTT. This role can unlock assigned
Administrator	applications and reassign to another approver when
	necessary.
	Any user that is not an applicant is considered an ap-
Approver	prover. All Municipal Corporation staff are considered
	DevelopTT approvers.
Flagged	A flag appears when an application has been on the
naggea	dashboard past its SLA for the assessment.
	Planning Permission is needed for all categories of de-
Planning Parmission	velopment such as Building operations, Engineering
Planning Permission	options, Mining operations, Subdivision of land, Recla-
	mation of land.





### 1 Introduction

#### 1.1 ABOUT THIS GUIDE

Welcome to the DevelopTT, the online portal for the Automated Construction Permit System (ACPS), user guide. DevelopTT is designed to fulfil the objectives of reducing the administrative burden placed on individuals and the business community; to improve the quality of service to builders, property owners and developers, and to provide accurate and timely information to decision makers, managers, and staff throughout the system. This manual is intended to aid the various Municipal Corporations of Trinidad and Tobago during their use of the system.

#### 1.2 PURPOSE OF THE GUIDE

The purpose of this user guide is to explain the process and steps involved in utilizing the system as a Municipal Corporation staff member. It describes the features of the system and how its online method mimics the manual procedure for processing applications.

In DevelopTT, there are two categories of users: applicant and approvers. All Municipal Corporation roles are considered approver roles or levels and would be referred to as such in this guide. The applicant submits applications electronically to TCPD staff who process, approve (or refuse) applications. On approval, TCPD forwards the application to the respective Municipal Corporation, who can then process it in the following ways: query the applicant, forward the application, query other Municipal Corporation staff, give approval etc.

This document gives the Municipal Corporation staff a step by step guide for performing all actions on the system, with an emphasis on their approver functions, and in accessing features of the system which enhance their job where processing applications is concerned.

The Municipal Corporation Approver levels covered in this guide are Cashier, Engineer, Inspector and Chief Executive Officer.

The Municipal Corporations that will utilize the DevelopTT portal are:





- Arima Borough Corporation
- Chaguanas Borough Corporation
- Couva/Tabaquite/Talparo Regional Corporation
- Diego Martin Regional Corporation
- Mayaro/Rio Claro Regional Corporation
- Penal/Debe Regional Corporation
- Point Fortin Borough Corporation
- Port of Spain Corporation
- Princess Town Regional Corporation
- San Fernando City Corporation
- Sangre Grande Regional Corporation
- San Juan/Laventille Regional Corporation
- Siparia Regional Corporation
- Tunapuna/Piarco Regional Corporation

#### 1.3 SCOPE

The user guide covers all the features that are available to Municipal Corporation staff at various levels represented on DevelopTT. It aims to help staff efficiently perform the below tasks while using DevelopTT:

- Process Applications
- Issue Building Permit
- Issue Completion Certificate
- Search Applications
- Query Applications





#### 1.4 DOCUMENT CONVENTIONS

This section is designed to help user become familiar with the visual aids used throughout the platform and are replicated in this user guide.

#### **Hyperlinks**

All topics mentioned in the user guide's content are hyperlinked. Hold the 'Ctrl' button on your keyboard and click on the hyperlink to view the referring topic such as <u>Introduction</u>.

#### Callouts

Callouts are presented differently from the original content and highlight certain information.

There are two types of callouts: tips and warnings.

#### **GOOD TO KNOW:**

**@** 

A Tip provides good-to-know information that helps users complete a task or procedure.

### **WARNING:**

A Warning refers to information that may be critical to the system's functionality and might affect data or system stability.





### **2 GETTING STARTED**

This chapter covers the following topics:

- Log In
- Log Out
- Options Menu

The chapter describes how w to log in and out of the system in detail. Refer to this section to familiarize yourself with DevelopTI Interface.

#### 2.1 Log IN

### To log in to the DevelopTT as a Municipal Corporation staff:

1. Go to the DevelopTT Approver's website <a href="https://www.developtt.gov.tt/ttacps">https://www.developtt.gov.tt/ttacps</a> appr



Figure 1: DevelopTT Homepage

2. Click the login button on the top left of the screen to access the Login window shown in Figure 2.





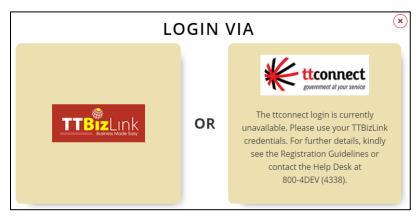


Figure 2: Login Window

3. Click TTBizLink logo or ttconnect logo to log in via the respective portals. For this User Guide, we will login via TTBizLink.

#### **GOOD TO KNOW:**



- If you are using TTBizLink option to login, your username would be the email attached to your TTBizLink account.
- If you are using the ttconnect option to login, your username would be the email attached to your ttconnect account.
- 4. You will be redirected to the TTBizLink login webpage seen in <u>Figure 3</u>. Enter the username and password in the fields provided and click the <u>LOG IN</u> button.







Figure 3: TTBizLink Login Page

5. Upon successful login, you will be redirected to your DevelopTT dashboard (example shown in Figure 4: Municipal Corporation Dashboard Example).



### DevelopTT User Guide – Municipal Corporations



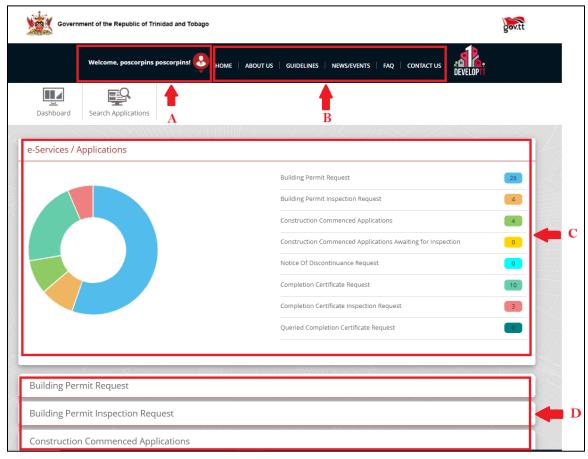


Figure 4: Municipal Corporation Dashboard Example

- A Welcome message and Option Menu icon: On the left of the page, you would see the Welcome message displayed along with your full name. Next to your name, there is the icon for the Options Menu, which would be described below.
- **B Main Menu:** It contains links to information throughout the website.
- **C e-Services/Applications section:** This section displays the Application Statuses Chart on the left and gives a count of applications at specific levels by different categories.
- **D Categorized Applications sections:** Different sections, minimized in <u>Figure 4</u>, list applications grouped in different categories for your attention. From these sections, you would be able to interact with a specific application.





#### 2.2 Log Out

This function allows the user to log out of the system at any time. The user can log out by clicking the button next to their username.

1. This will open the Option Menu as seen in <u>Figure 5</u> below. Click 'Log out' at the bottom of the menu.



Figure 5: Log out of DevelopTT

Once logged out, you would be directed to DevelopTT Approver Homepage, shown in <u>Figure 1</u>: DevelopTT Homepage.

#### 2.3 OPTION MENU

#### **Switch Profile**

The user can switch from one role to another (if assigned multiple roles in the system) by clicking the down arrow on the Option Menu icon available at the upper left corner of the main menu and select **SWITCH PROFILE** (refer to Figure 6 below).



Figure 6: Main Menu showing Switch Profile and Log Out options

a. You will be redirected to the 'Role Selection' page. Select the appropriate role (refer to <u>Figure 7</u> below) from the drop-down list and click '**OK**' to login as a different user; the new user's dashboard would load.





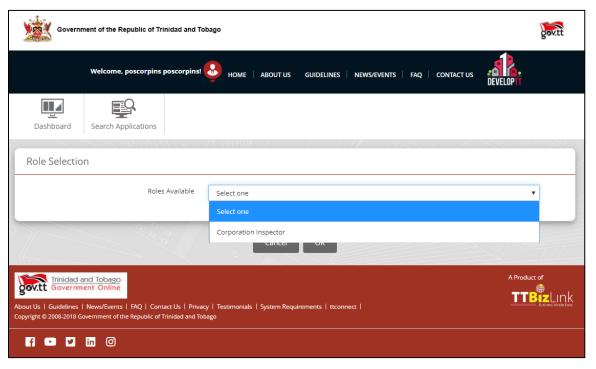


Figure 7: Role Switch page





### 3 MUNICIPAL CORPORATION PROCESS FLOW

The Municipal Corporation acts only on the applications which are approved by the Town and Country Planning Division (TCPD) officials. Once the application is approved by TCPD it is forwarded to the Municipal Corporation and conditioned to any applicable Other Government Agencies (OGAs) for further assessment.

There can be two or three levels of processing before approval in the Municipal Corporation. If Engineer is the final assessment, then there are two (2) levels to approval; if Chief Executive Officer (CEO) is the final assessment, there are three (3) levels.

- Inspector
- Engineer
- CEO

When an application is approved by the final Municipal Corporation approver, the application is sent to the Municipal Corporation Cashier. <u>Figure 8</u> below shows the flow of an application through DevelopTT regarding the Municipal Corporations.





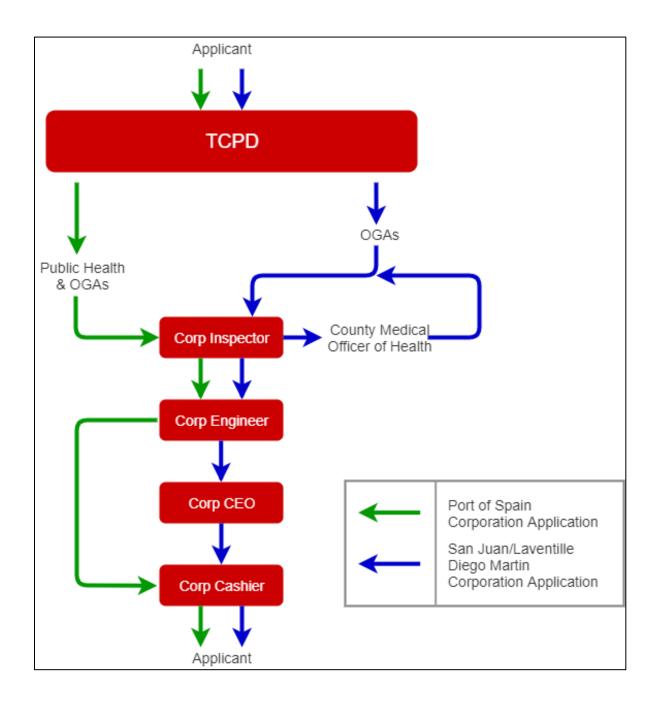


Figure 8: Municipal Corporation Process Flow



# DevelopTT User Guide – Municipal Corporations



### 4 MUNICIPAL CORPORATION INSPECTOR

The Inspector is the first assessment level at the Municipal Corporation for applications which are conditionally approved and sent to them by the TCPD Planner. The Municipal Corporation Inspector assesses applications approved by TCPD **and** Other Government Agencies (OGAs) by either rejecting, querying, or forwarding them to the Municipal Corporation Engineer.

#### 4.1 DASHBOARD

The dashboard is the default screen that will be displayed to the Inspector after login (see Figure 9). The dashboard consists of e-Services/Applications, with eight (8) Categorized Application Sections: Building Permit Requests, Inspection Scheduled - Building Permit, Notice of Commencement, Inspection Scheduled - Notice of Commencement, Stop Work Notice, Completion Certificate Request Applications, Inspection Scheduled - Completion Certificate and Queried Completion Certificate Requests. You can click on a section title anywhere on DevelopTT to expand the section.

**Building Permit Requests:** A list of all Planning Permission applications forwarded by TCPD which have not been processed, will be found in this application section.

**Inspection Scheduled - Building Permit**: A list of all the applications for Building Permit which the Inspector submitted for self-inspection.

**Notice of Commencement**: A list of applications forwarded from the applicant notifying the Municipal Corporation that construction works commenced.

**Inspection Scheduled - Notice of Commencement**: A list of applications for Notice of Commencement which the Inspector submitted for self-inspection.

**Notice of Discontinuance Served:** A list of applications which the Inspector instructed that construction works cease due to discrepancies.

**Completion Certificate Request**: A list of applications forwarded from the applicant requesting a Completion Certificate after construction has been completed without any discrepancies.





**Inspection Scheduled - Completion Certificate**: A list of all the applications for Completion Certificate which the Inspector submitted for self-inspection.

**Queried Completion Certification Request**: A list of applications for Completion Certificate that were queried by the Municipal Corporation Engineer.



Figure 9: Municipal Corporation Inspector Dashboard





#### 4.2 E-SERVICES/APPLICATIONS

### **Application Statuses Chart**

Application Statuses chart is configured to indicate the status of the applications (see <u>Figure 10</u> below). Hover the mouse on the coloured zone of the Application Statuses chart to view the application details.

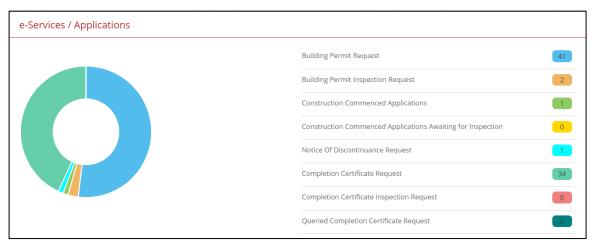


Figure 10: Municipal Corporation Inspector Application Statuses Chart

The colour denotations are listed below:

Table 1: Inspector Application Statuses Chart Colour Codes

Colour	Representation
	Building Permit Request
	Inspection Scheduled - Building Permit
	Notice of Commencement
	Inspection Scheduled - Notice of Commencement
	Notice of Discontinuance Served
	Completion Certificate Request
	Inspection Scheduled - Completion Certificate
	Queried Completion Certificate Request



### DevelopTT User Guide – Municipal Corporations



#### 4.3 BUILDING PERMIT REQUEST

The 'Building Permit Request' section displays all the applications for **Building Permit** awaiting processing by the Inspector (see <u>Figure 11</u> below). The applications are listed in a section with different column headings which are explained below.



Figure 11: Municipal Corporation Inspector Building Permit Request Section

#### **GOOD TO KNOW:**



#### **Navigating through Sections:**

- The Reference Number column contains all the relevant application reference numbers to this section. Reference Numbers are unique to each application and are automatically generated by the DevelopTT platform when an application is created. An application's reference number is consistent across all the site's agencies; however, Agencies and Municipal Corporations have the option to add their own internal reference numbers if required.
- The Application Type column states the type of the application such as Planning Application or Outline + Planning Application.
- The Saved Date column shows the date that the application was submitted by the applicant.

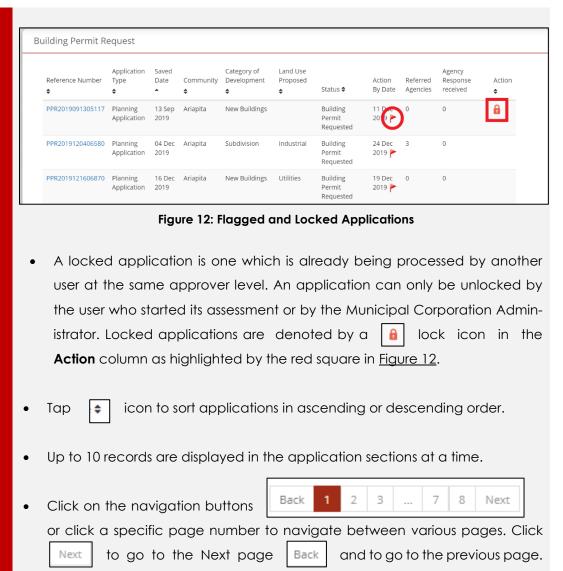




- The Community column shows the community to which the applicant's site location belongs.
- The Category of Development shows the type of development that will take place at the site location, e.g. a new building or subdivision of land.
- The **Land Use Proposed** column shows the proposed use of the land at the applicant's site location.
- The **Status** column shows the status of the application at the relevant level.
- The Action By Date refers to the date by which the application should be processed. The Municipal Corporation has an SLA of twenty-one (21) days within which they should perform some action on the application. In case of SLA breach, the applications are flagged in RED under the Action column, indicated in Figure 12 below. The flag indicates that this application requires immediate action.
- The **Referred Agencies** column shows the number of agencies that the application was referred to. For example, EMA, WASA, etc.
- The Agency Response Received column shows the number of agencies that have responded. N.B. An application cannot be processed without responses from all the referred agencies.
- <u>NOTE</u>: For Municipal Corporations with internal Public Health, these applications CANNOT be processed unless they have been approved by Public Health.







#### 4.3.1 Steps to Process a Building Permit Request

- Click the Reference Number (first column of <u>Figure 11</u>) to view and process the application. All the applications are prefixed with 'PPR' and all reference numbers are hyperlinks.
- 2. Click on each tab to review the application information and attachments.



### DevelopTT User Guide – Municipal Corporations



#### **APPLICATION TABS:**

a. Tab 1 - Assessment History: Any remarks or comments made on the application previously would appear in this section e.g. Remarks made on application by Public Health/ CMOH staff or applicant response to any queries made previously. The processing history is also detailed in this tab e.g. TCPD Clerk forwarded to TCPD Planner.

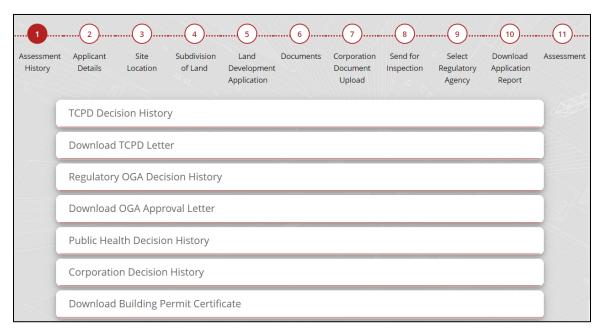


Figure 13: Assessment History tab

b. Tab 2 - Applicant Details: Applicants are required to supply personal information, a brief description of their proposal, land details, purpose for which land or new/ altered/ extended building are proposed to be used and purpose for which land and/ or building are now used. In the Description of Proposal section, the Category of Development will be chosen, whether it is a New Building or Subdivision etc. Depending on category chosen, tab 5 would have different information.





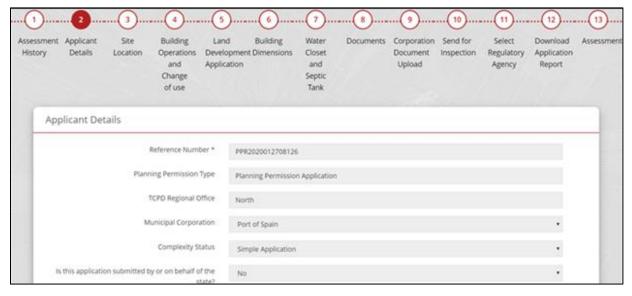


Figure 14: Applicant Details tab

c. **Tab 3 - Site Location**: Displays a map where the applicant should have plotted their proposed site location. The system automatically zooms into the plotted area.

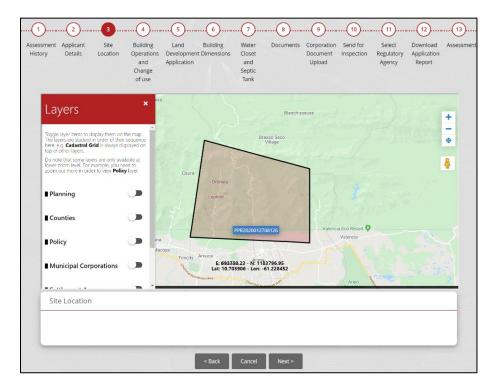


Figure 15: Site Location tab





- d. Tab 4: Information presented would depend on Category of Development.
  - Building Operations and Change of Use: This tab provides general information
    about the site, such as total area and intended use of building. Available services
    on the site includes electricity, water and drainage, and the details of the stated
    use of the site, e.g. commercial use details.
  - Subdivision of Land Applicants are required to supply information concerning their subdivision of land. They supply information on the person who prepared design of layout, area, adjacent property owners and access details.

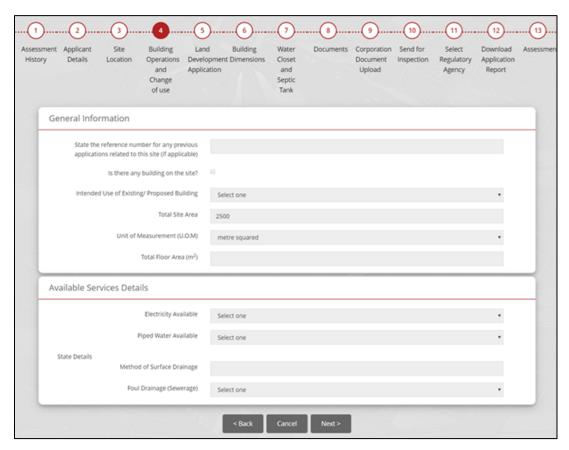


Figure 16: Building Operations and Change of Use tab

e. **Tab 5 – Land Development Application:** Building details like the street name, nearby owners, number of rooms and others.





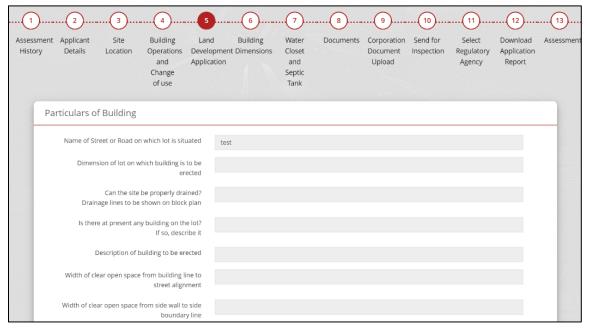


Figure 17: Land Development and Application tab

f. Tab 6 – Building Dimensions: Number and dimension of each room in the building.

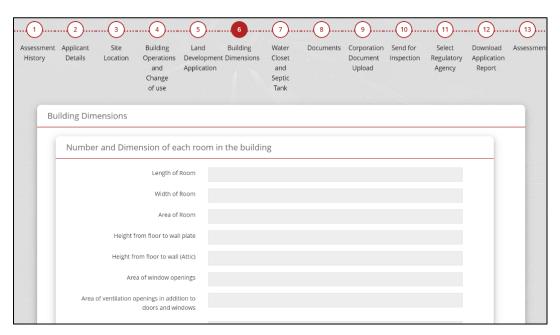


Figure 18: Building Dimension tab

g. Tab 7 – Water Closet and Septic Tank: Details about the water closet and septic tank.





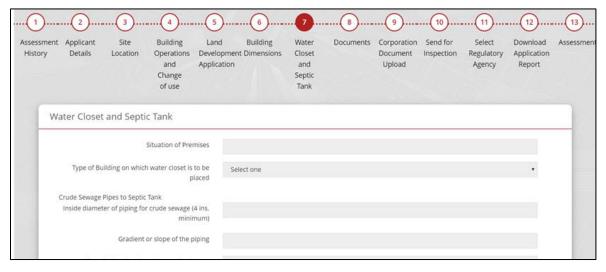


Figure 19: Water Closet and Septic Tank

h. **Tab 8 - Documents**: Plans uploaded by the applicant would be listed here. The Inspector may utilize the PDFTron tool to process plans. PDFTron's measurement tool allows the Inspector to verify scales and distances. Detailed information on the tool can be found in the <u>PDFTron section</u> (Appendix).

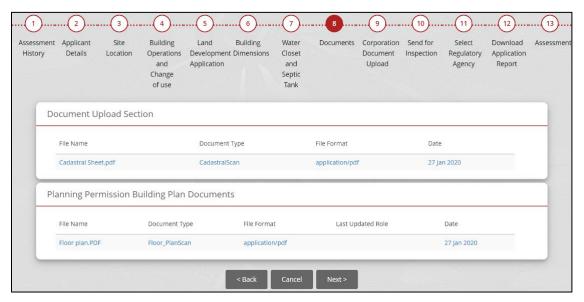


Figure 20: Documents tab





- Tab 9 Corporation Document Upload: Any additional documents requested by the Municipal Corporation would be uploaded here.
- j. Tab 10 Send for Inspection: The Inspector may or may not desire to carry out a physical inspection of the site. In this tab, he/she can schedule an inspection. This tab would be discussed in step 3 below.
- k. **Tab 11 Select Regulatory Agency**: The Inspector may select additional Regulatory agencies to address the application to. This tab would be discussed in step 4.
- I. Tab 12 Download Application Report: Once an inspection is carried out, the Inspector can review his inspection on this tab. This would be discussed in detail in step 5 as the Inspector would need to interact closely with this tab.
- m. Tab 13 Assessment: The Inspector can enter remarks as well as necessary documents then query or forward the applicant. This tab would be explained in detail in step 6 as the Inspector is required to enter information based on his/her assessment of the application.
- 3. Click tab 10 Send for Inspection tab. If the Inspector wishes to perform an inspection, go to <a href="How to Schedule an Inspection">How to Schedule an Inspection</a> section for instructions on scheduling. If the Inspector does not wish to perform an inspection, click 'Next' to continue.

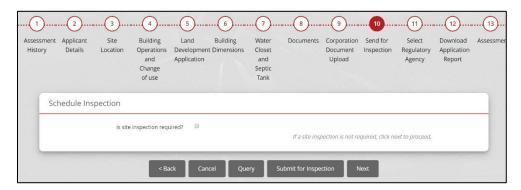


Figure 21: Send for Inspection tab

- 4. Click 'Next' or Select Regulatory Agency tab. The Inspector may condition Regulatory Agencies to send the application to. Agencies that were previously conditioned by TCPD would not be listed here.
  - Click Submit to OGA button and upon validation, a success message is displayed.





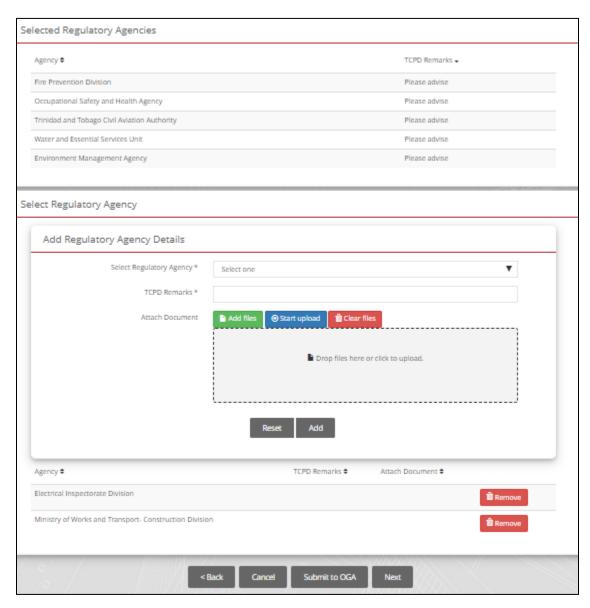


Figure 22: Select Regulatory Agency tab

5. Click 'Next' or Download Application Report tab. All inspection reports would be found listed in this tab as seen in <u>Figure 23</u> below. Click on report to view; the report should open in another tab.



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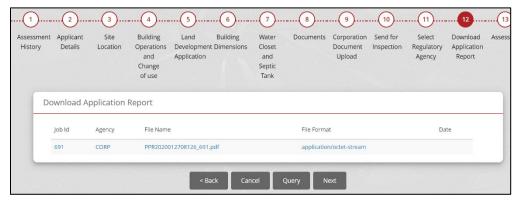


Figure 23: Download Application Report tab

6. Click 'Next' or Assessment tab and fill in the relevant remarks. Municipal Corporations with internal Public Health (e.g. Port of Spain) will need approval from Public Health before processing applications. Applications without approval will not display an Assessment tab.

There are TWO sections:

- Remarks Section The Inspector can enter a Municipal Corporation Internal Reference Number, Building Permit Fees Amount (to be entered by the Inspector), along with Internal and External remarks. Internal Remarks are those which can only be seen by staff within the Municipal Corporation. External Remarks are those which can be seen by users outside of the Municipal Corporation including applicants.
- Additional Document(s) Upload Section The Inspector can also attach relevant
  documents (optional) pertaining to the application for reference. Please note
  that document(s) uploaded in this section would be visible to applicants and all
  approvers with access to the application.





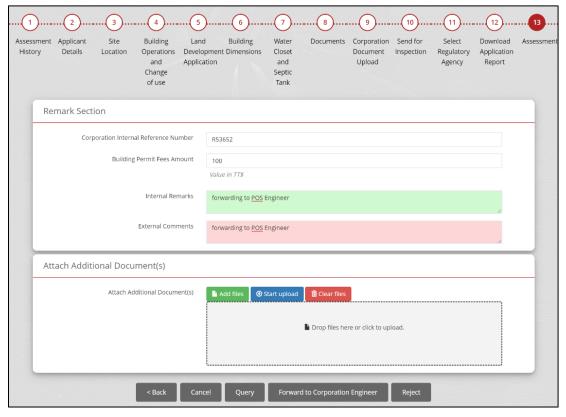


Figure 24: Assessment tab

a. **Query Applicant** – If there is a need for additional information, the Inspector can query the applicant. On the Assessment tab, enter the query in External Comments and click the Query button and the application will be redirected to the applicant. Upon validation, a success message is displayed (refer to Figure 25).

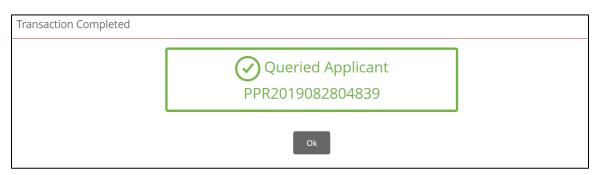


Figure 25: Building Permit Request - Inspector Queried Applicant Success Message





b. **Forward to Engineer –** If all the information provided by the applicant is correct, click the Forward to Corporation Engineer button to forward the application to the Municipal Corporation Engineer. Upon validation, a success message is displayed (see Figure 26).

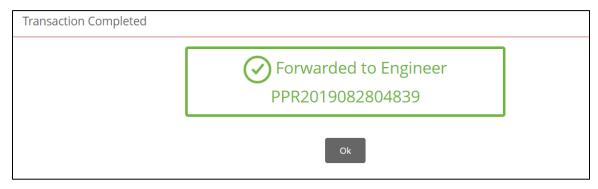


Figure 26: Building Permit Request - Inspector Forwarded to Engineer Success Message

c. **Reject** – If the Inspector wishes to reject an application, enter rejection details in the Internal and/or External remarks section, then click the Reject button.





#### 4.4 INSPECTION SCHEDULED - BUILDING PERMIT

The 'Inspection Scheduled - Building Permit' section (see <u>Figure 27</u>) contains applications for **Building Permit** that were submitted for inspection. Refer to <u>Navigating Sections</u> for added information on navigating this section.



Figure 27: Inspection Scheduled - Building Permit Section

#### 4.4.1 Steps to Process an Inspection Scheduled - Building Permit

Click the Reference Number (first column in <u>Figure 27</u>) to view and process the application.



### DevelopTT User Guide – Municipal Corporations



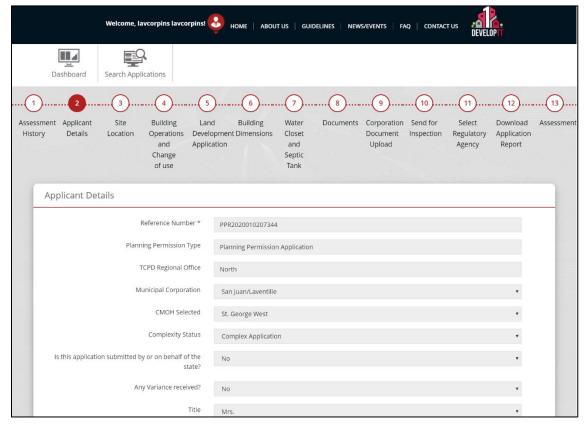


Figure 28: Inspection Scheduled - Building Permit - Applicant Details tab

- 2. Click on each tab to review the application information and attachments (see <u>Figure 28</u> above).
- 3. If an inspection was performed, go to the 'Download Application Report' tab to view and/or save a PDF of the site inspection. If an inspection needs to be re-scheduled refer to How to Schedule an Inspection section.
- 4. Go to Assessment Tab (see <u>Figure 29</u>) to give the decision on the application. There are TWO sections:
  - Remarks Section Shows Municipal Corporation Internal Reference Number,
    Building Permit Fees Amount (to be entered by the Inspector), along with Internal and External remarks. Internal Remarks are those which can only be seen by users within the Municipal Corporation. External Remarks can be seen by users outside of the Municipal Corporation including applicants.





Additional Document Section – The Inspector can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.

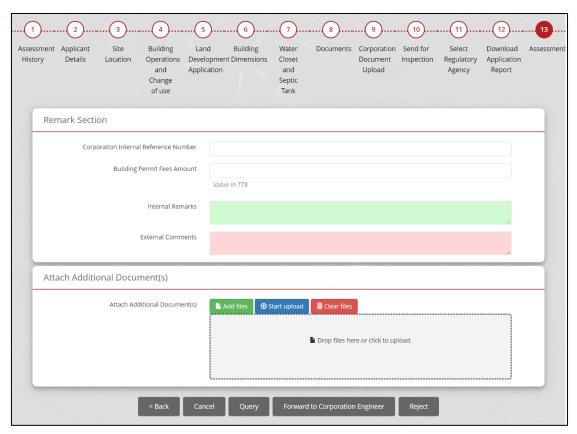


Figure 29: Inspection Scheduled - Building Permit - Assessment Tab

In case of any missing or additional information, enter the details in the external comments section then the click the query button and the application will be redirected to the applicant. Upon validation, a success message is displayed (see <u>Figure 30</u> below).





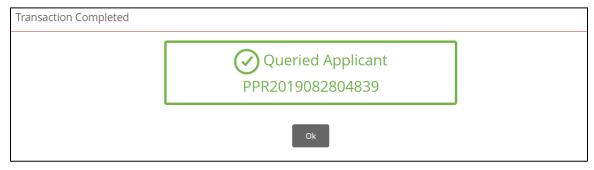


Figure 30: Inspection Scheduled - Building Permit - Inspector Queried Applicant Success Message

Otherwise, if the information provided by the applicant is sufficient, click the Forward to Corporation Engineer button to forward the application to the Municipal Corporation Engineer. Upon validation, a success message is displayed (see Figure 31).

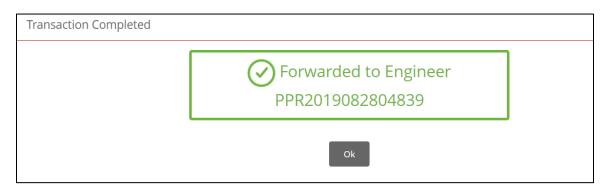


Figure 31: Inspection Scheduled - Building Permit – Inspector Forwarded to Engineer Success Message





### 4.5 NOTICE OF COMMENCEMENT

The 'Notice of Commencement' section displays applications for **Building Permit** forwarded from applicants after being granted Building Permits. These applications serve to notify the Municipal Corporation that construction has commenced. They are listed in a section below with relevant column headings (refer to <u>Figure 32</u>). Refer to <u>Navigating Sections</u> for added information on navigating the 'Notice of Commencement' section.

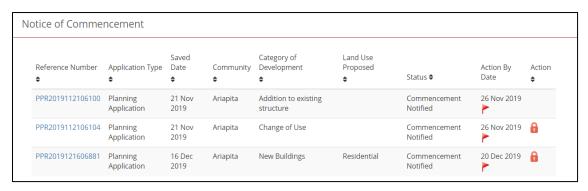


Figure 32: Notice of Commencement Section

### 4.5.1 Steps to Process a Notice of Commencement

- 1. Click the **Reference Number** (first column in <u>Figure 32</u>) to view and process the notification.
- 2. Click on each tab to review the information and attachments.
- 3. If a site inspection is required, refer to <u>How to Schedule an Inspection</u> section for instructions. Otherwise, proceed to the next step.
- 4. Go to **Assessment Tab** (see <u>Figure 33</u>) to give the decision on the Notice of Commencement. There are TWO sections:
  - Other Comments Section includes the Internal and External remarks. Internal Remarks can only be seen by users within the Municipal Corporation. External Remarks are be seen by users outside of the Municipal Corporation, including applicants.
  - Additional Document Section The CEO can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.





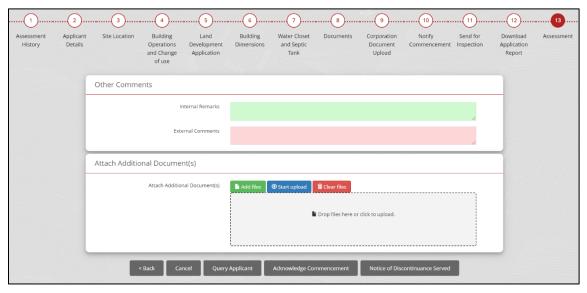


Figure 33: Notice of Commencement - Assessment Tab

If information provided in the notice is sufficient, the assessment can be completed by clicking the Acknowledge Commencement button. Acknowledged notifications return to the applicant who can proceed with building. When the Inspector clicks the acknowledge commencement button, a success message is displayed (see Figure 34).

In an instance where someone's building is not in accordance with the approved plans, the Inspector can intervene and stop construction. The application can be discontinued by clicking the Notice of Discontinuance Served button (see Figure 35). Discontinued applications remain on the Municipal Corporation Inspector's Dashboard as well as the applicant's Dashboard. The applicant will be notified of this decision by email alert.

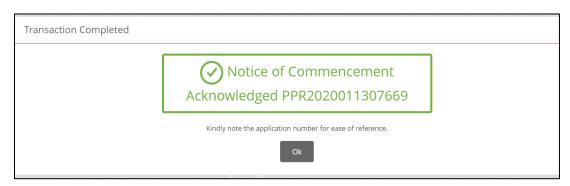


Figure 34: Notice of Commencement - Success Message





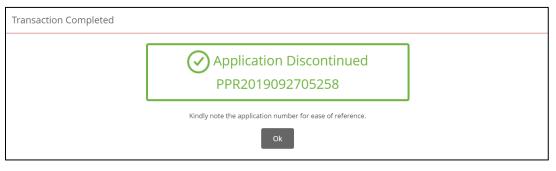


Figure 35: Notice of Commencement - Stop Work Notice Success Message





### 4.6 INSPECTION SCHEDULED - NOTICE OF COMMENCEMENT

The 'Inspection Scheduled - Notice of Commencement' section contains applications for Notice of Commencement that were submitted for inspection (refer to <u>Navigating Sections</u> for added information on navigating the Inspection Scheduled - Notice of Commencement' section).

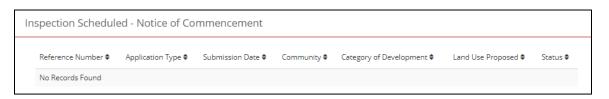


Figure 36 - Inspection Scheduled - Notice of Commencement section

### 4.6.1 Steps to Process an 'Inspection Scheduled - Notice of Commencement'

- 1. Click the **Reference Number** to view and process the notification.
- 2. Click on each tab to review application information and attachments (see <u>Application Tabs</u> for further information).
- 3. If an inspection was performed, go to the "**Download Application Report**" tab to view and/or save a PDF of the site inspection. If an inspection needs to be scheduled and/or performed refer to <a href="How to Schedule an Inspection">How to Schedule an Inspection</a> section.
- 4. Go to Assessment Tab (see <u>Figure 37</u>) to give the decision on the notification. Municipal Corporations with internal Public Health (e.g. Port of Spain Municipal Corporation) will need approval from Public Health before processing applications. Applications without approval will **not** display an Assessment tab.
  There are TWO sections:
  - Remarks Section Shows Municipal Corporation Internal Reference Number,
    Building Permit Fees Amount (entered by the Inspector) along with Internal and
    External remarks. Internal Remarks can only be seen by users within the Municipal Corporation. External Remarks are seen by users outside of the Municipal Corporation including applicants.





Additional Document Section – The Inspector can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.

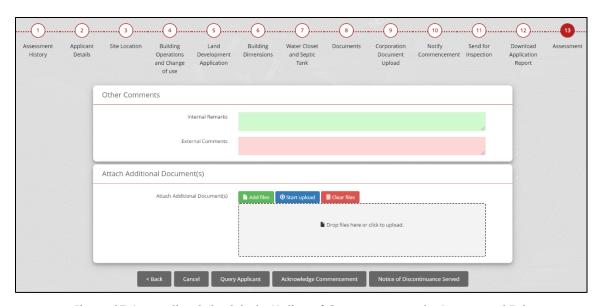


Figure 37: Inspection Scheduled - Notice of Commencement - Assessment Tab

In case of any missing or additional information, click the due to the application will be redirected to the applicant. Upon validation, a success message is displayed (see Figure 38 below).

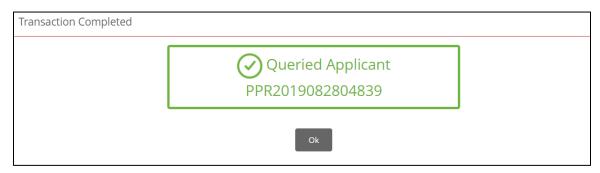


Figure 38: Inspection Scheduled - Notice of Commencement – Inspector Queried Applicant Success Message





If all the information provided by the applicant is correct, then click the Forward to Corporation Engineer button to forward the notification to the Municipal Corporation Engineer. Upon validation, a success message is displayed (see Figure 39).

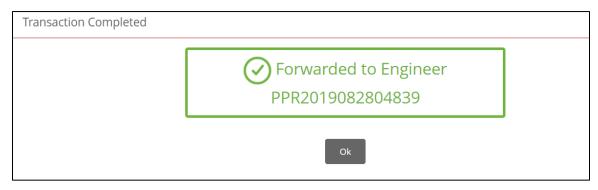


Figure 39: Inspection Scheduled - Notice of Commencement - Inspector Forwarded to Engineer Success Message





### 4.7 NOTICE OF DISCONTINUANCE

The 'Notice of Discontinuance' section displays all applications which the Inspector has issued a Notice of Discontinuance on. This notice is sent to the applicant when any faults, flaws or deviations are noticed. If the applicant does not address the notice, the Building Permit is revoked permanently. In instances where the faults, flaws or deviations are addressed offline, the Inspector can confirm the start of the construction. Figure 40 below shows the 'Notice of Discontinuance' section with all of the discontinued applications. Refer to Navigating Sections for further information on navigating the Notice of Discontinuance section.

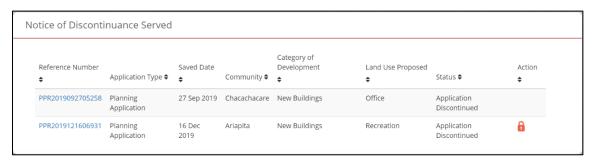


Figure 40: Notice of Discontinuance Section

### 4.7.1 Steps to Process a 'Notice of Discontinuance' Application:

- 1. Click the **Reference Number** (first column in <u>Figure 40</u>) to view and process the notification.
- Click on each tab to review the application information and attachments (see <u>Application Tabs</u> for help).







Figure 41: Notice of Discontinuance - Applicant Details Tab

- 3. The Inspector can perform any number of inspections to verify the construction progress at a given site. Go to the **Send for Inspection** tab and click the checkbox in the 'Schedule Inspection' section to start the Inspection Process (refer to <u>How to Schedule an Inspection</u> section).
- 4. Go to **Assessment Tab** to give the decision on the notification (see <u>Figure 42</u>). There are TWO sections:
  - Remarks Section Shows Internal and External remarks. Internal Remarks can
    only be seen by users within the Municipal Corporation. External Remarks are
    seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section The Inspector can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.





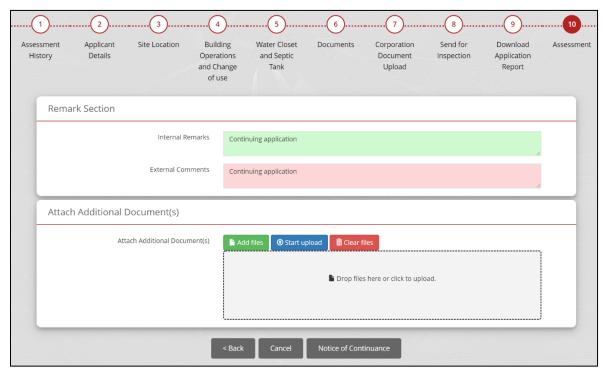


Figure 42: Notice of Discontinuance - Assessment Tab

5. If the Inspector wishes to issue a Notice of Continuance, this can be done by clicking the Notice of Continuance button. The notice will then go back to the applicant where he/she can request a Completion Certificate after building is completed.





### 4.8 COMPLETION CERTIFICATE REQUEST APPLICATIONS

The 'Completion Certificate Request Applications' section displays all the applications with requests for Completion Certificates from applicants. These requests can only occur after construction has commenced, as indicated by the applicant, and acknowledged, as stated by the Municipal Corporation (refer to Figure 43). Refer to Navigating Sections for further information on navigating the 'Completion Certificate Request' applications section.



Figure 43: Completion Certificate Request Section

### 4.8.1 Steps to Process a Completion Certificate Request

- 1. Click the **Reference Number** (first column in <u>Figure 43</u>) to view and process the application.
- The first tab, Assessment History, highlights comments and remarks made by staff in Municipal Corporation and Public Health/ CMOH. The history should display when the application was first processed by the Municipal Corporation for a Building Permit along with any internal or external comments (see <u>Figure 44</u> below).





	Corporation		Internal	External	Additional	Updated	Applicant Query	Applicant
	Stage		Remarks	Comments	Documents	Date	Response	Response Date
Updated By <b>♦</b>	<b>\$</b>	Status <b>♦</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
Inspector -	Building	Forwarded to				05 Feb		
Municipal Corporations	Permission	Corporation Engineer				2020		
•								
Engineer - Municipal	Building	Issued Building Permit				05 Feb		
Corporations	Permission					2020		
Cashier - Municipal	Building	Payment Received				05 Feb		
Corporations	Permission	during Building Permit				2020		
Inspector -	Building	Granted Clearance for				05 Feb		
Municipal	Commencement	Completion				2020		

Figure 44: Assessment History tab – Municipal Corporation Decision History

- Click on each tab to review the application information and attachments (see <u>Application Tabs</u> for more information).
- 4. The Inspector can perform any number of inspections to verify that the construction for the site is in accordance with its approved Building Plans. Go to the **Send for Inspection** Tab and click the checkbox in the "Schedule Inspection" section to start the Inspection process. For information on how to add and schedule inspection jobs, refer to <a href="How to Schedule an Inspection">How to Schedule an Inspection</a>.
- 5. Go to **Assessment** tab to give the decision on the Application (see <u>Figure 45</u>). There are TWO sections in Assessment Tab,
  - Remarks Section Shows Municipal Corporation Internal Reference Number,
    Building Permit Fees Amount (entered previously), Completion Certificate Fees
    Amount (Inspector to enter) along with Internal and External remarks. Internal
    Remarks can only be seen by users within the Municipal Corporation. External
    Remarks are seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section The Inspector can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.





Remark Section						
Corporation Internal Reference Number	R10134					
Building Permit Fees Amount  Value in TT\$	100					
Completion Certificate Fees Amount	500					
Value in TT\$						
Internal Remarks	For processing					
External Comments						
Attach additional document						
Actach additional document	À Add files ⊕ Start upload ☐ Clear files					
	i Drop files here or click to upload.					
< Back Ca	ancel Query Applicant Forward to Corporation Engineer					

Figure 45: Completion Certificate Request - Assessment Tab

In case of any missing information, you can query the applicant by clicking the Query Applicant button. If the application information is sufficient then click the Forward to Corporation Engineer button. Upon validation, a success message is displayed (see Figure 46).

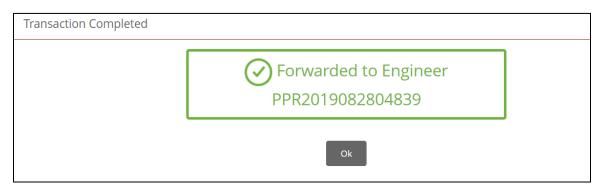


Figure 46: Completion Certificate Request - Inspector Forwarded to Engineer





### 4.9 INSPECTION SCHEDULED - COMPLETION CERTIFICATE

The 'Inspection Scheduled - Completion Certificate' section displays applications the Inspector has scheduled for inspection before the issuance of a Completion Certificate. The certificate is granted by the Municipal Corporation Engineer or CEO stating that it has been constructed according to the approved building plan and that it meets all the necessary standards. Figure 47 following shows the Inspection Scheduled - Completion Certificate section.



Figure 47: Inspection Scheduled - Completion Certificate Section

### 4.9.1 Steps to Process an 'Inspection Scheduled - Completion Certificate' application:

- Click the Reference Number (first column in <u>Figure 47</u>) to view and process the application.
- Click on each tab to review the application information and attachments (see <u>Application Tabs</u> for more information).
- 3. The Inspector can perform any number of inspections to verify the construction progress. Go to **Send for Inspection** tab and click the checkbox in the Schedule Inspection section to start the Inspection process. (refer to <u>How to Schedule an Inspection</u> for how to schedule an inspection).
- Go to Assessment tab to give the decision on the Application (see <u>Figure 48</u>).
   There are TWO sections in Assessment tab,
  - Remarks Section Shows Municipal Corporation Internal Reference Number,
     Building Permit Fees Amount (entered previously), Completion Certificate Fees
     Amount (Inspector to enter) along with Internal and External remarks. Internal





Remarks are only be seen by users within the Municipal Corporation. External Remarks are can be seen by users outside of the Municipal Corporation including applicants.

Additional Document Section – The Inspector can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.

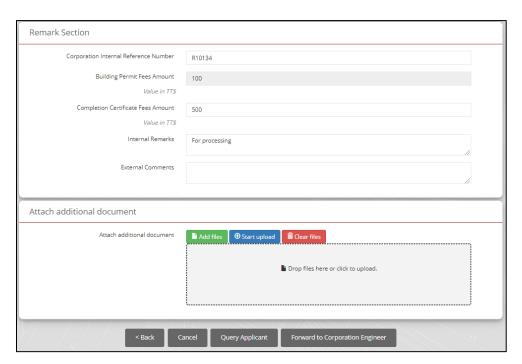


Figure 48: Inspection Scheduled - Completion Certificate - Assessment Tab





### 4.10 QUERIED COMPLETION CERTIFICATE REQUEST

The 'Queried Completion Certificate Request' section contains applications queried by the Municipal Corporation Engineer. <u>Figure 49</u> shows the section containing these applications.

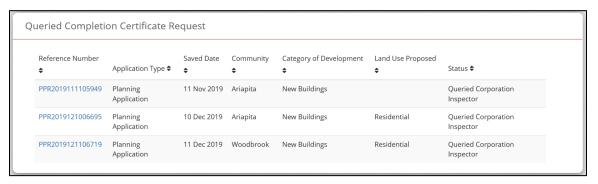


Figure 49: Queried Completion Certificate Request Section

### 4.10.1 Steps to Process a 'Queried Completion Certificate Request'

- Click the Reference Number (first column in <u>Figure 49</u>) to view and process the application.
- 2. The query message will be displayed in the **Assessment History** tab, an example is shown in <u>Figure 50</u> below.



Figure 50: Assessment History – Municipal Corporation Decision History Section

 Click on each tab to review the application information and attachments (see <u>Application Tabs</u> for help).





- 4. The Inspector can perform any number of inspections to gain information to respond to the query. Go to **Send for Inspection** tab and click the checkbox in the Schedule Inspection section to start the Inspection process. (refer to <u>How to Schedule an Inspection</u> for how to schedule an inspection).
- 5. Go to **Assessment** tab to give the decision on the Application (see <u>Figure 51</u>). There are TWO sections in Assessment tab:
  - Remarks Section Shows Municipal Corporation Internal Reference Number,
    Building Permit Fees Amount (Inspector to enter), Completion Certificate Fees
    Amount (Inspector to enter) along with Internal and External remarks. Internal
    Remarks can only be seen by users within the Municipal Corporation. External
    Remarks are seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section The Inspector can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.

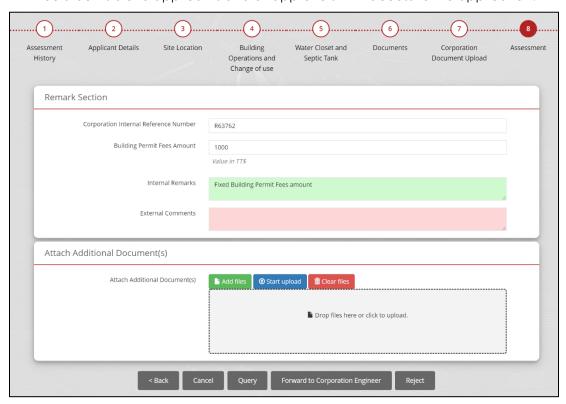


Figure 51: Queried Completion Certificate Request - Assessment Tab





### 4.11 SEARCH APPLICATIONS

The "Search Application" function allows the Inspector to search for any application in the system using the appropriate search criteria.

To search for an application:

a. Select search Applications from the menu and the Search page is displayed (see Figure 52 below). Please refer to the Appendix Search Application Page for more information.

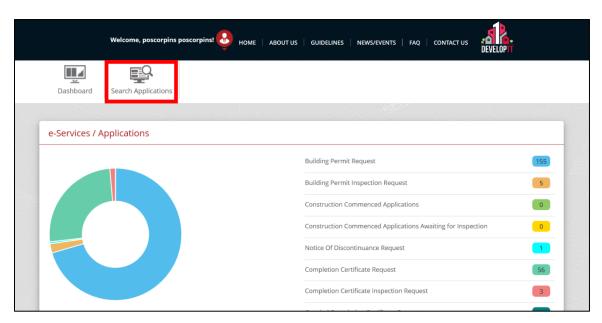


Figure 52: Search Application Button





### 5 MUNICIPAL CORPORATION ENGINEER

The Engineer is the second or final level of assessment for applications at the Municipal Corporation. If the Engineer is the final level approver (e.g. Port of Spain Corporation), the application is either approved and sent to the cashier for payment or queried. Otherwise, the Engineer reviews the application submitted by the Inspector and it is either queried or forwarded to the Municipal Corporation CEO.

### 5.1 DASHBOARD

The dashboard is the default screen that will be displayed to the Engineer after login. The dashboard consists of e-Services/Applications with three (3) Categorized Application sections: Building Permit Requests, Completion Certificate Requests and Queried Completion Certificate Requests.

**Building Permit Requests:** A list of all Planning Permission applications forwarded by Inspector which have not been processed, will be found in this application section.

**Completion Certificate Request**: A list of applications forwarded from the Inspector requesting a Completion Certificate after construction has been completed.

**Queried Completion Certification Request**: A list of applications for Completion Certificate that were queried by the Municipal Corporation CEO.





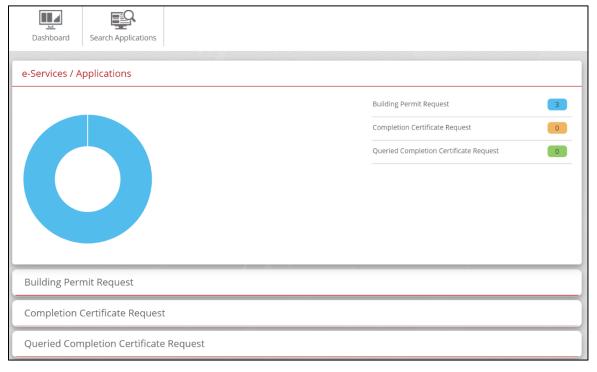


Figure 53: Municipal Corporation Engineer Dashboard





### 5.2 E-SERVICES/APPLICATIONS

### **Application Statuses Chart**

The Application Statuses chart is configured to indicate the status of the applications received at the Municipal Corporation Engineer level (see <u>Figure 54</u>). Hover the mouse on the coloured zone of the Application Statuses chart to view which status it represents.

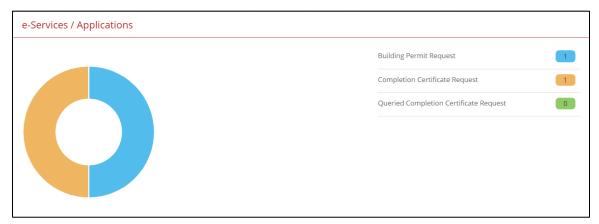


Figure 54: Municipal Corporation Engineer Application Statuses Chart

The colour denotations are listed below:

**Table 2: Engineer Application Statuses Chart Colour Codes** 

Colour	Representation		
	Building Permit Request		
	Completion Certificate Request		
	Queried Completion Certificate Request		





### 5.3 BUILDING PERMIT REQUEST

The 'Building Permit Request' section displays all the applications forwarded from the Municipal Corporation Inspector (see <u>Figure 56</u> below). Refer to <u>Navigating Sections</u> for further information on navigating the Building Permit Request applications section.

### **NAVIGATING SECTIONS:**



- i. The **Reference Number** column contains all the relevant application reference numbers to this section. Reference Numbers are unique to each application and are automatically generated by the DevelopTT platform when an application is created. An application's reference number is consistent across all the site's agencies however, Agencies and Municipal Corporations have the option to add their own internal reference numbers if required.
- ii. The **Application Type** column states the type of the application such as Planning Application or Outline + Planning Application.
- ii. The **Saved Date** column shows the date that the application was submitted by the applicant.
- v. The **Community** column shows the community to which the applicant's site location belongs.
- v. The **Category of Development** shows the type of development that will take place at the site location, e.g. a new building or subdivision of land.
- The Land Use Proposed column shows the proposed use of the land at the applicant's site location.
- ii. The **Status** column shows the status of the application at the relevant level.





- The **Action By Date** refers to the date by which the application should be processed. The approver has an SLA of certain days within which they should perform some action on the application. In case of SLA breach, the applications are flagged in **RED** under the **Action** column, indicated in Figure 54 below. This indicates immediate action needs to be taken.
- x. The Referred Agencies column shows the number of agencies that the application was referred to for example, EMA, WASA, etc.
- x. The Agency Response Received column shows how many agencies responded since an application cannot be processed without responses from its referred agencies.
- NOTE: Applications CANNOT be processed by the Municipal Corporation unless they have been approved by all referred agencies.



Figure 55: Flagged and Locked Application

- A locked application is one which is already being processed by another user at the same approver level. An application can only be unlocked by the user who started its assessment or the Municipal Corporation Administrator. Locked applications are all denoted by a lock icon in the Action column as highlighted by the red square in Figure 55.
- ii. Tap 🛊 icon to sort applications in ascending or descending order.
- ii. Up to 10 records are displayed in the sections.





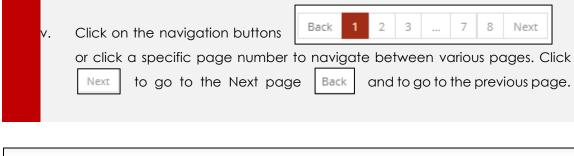




Figure 56: Municipal Corporation Engineer Building Permit Request Section

### 5.3.1 Steps to Process a Building Permit Request application as Final Approver:

- Click the Reference Number (see <u>Figure 56</u> above) to view and process the application.
- Click on each tab to review the application information and attachments (see <u>Application Tabs</u> below). The Assessment History tab will show when the application was processed by the Municipal Corporation Inspector along with any relevant internal or external comments (see Figure 57 below).



Figure 57: Assessment History tab - Corporation Decision History





### **APPLICATION TABS:**

a. Tab 1 - Assessment History: Any remarks or comments made on the application previously would appear in this section e.g. Remarks made on application by Public Health/ CMOH staff or applicant response to any queries made previously.



Figure 58: Assessment History tab

b. Tab 2 - Applicant Details: Applicants are required to supply personal information, a brief description of their proposal, land details, purpose for which land or new/altered/extended building are proposed to be used and purpose for which land and/or building are now used. In the Description of Proposal section, the Category of Development will be chosen, whether it is a New Building or Subdivision etc. Depending on category chosen, tab 4 would have different information.





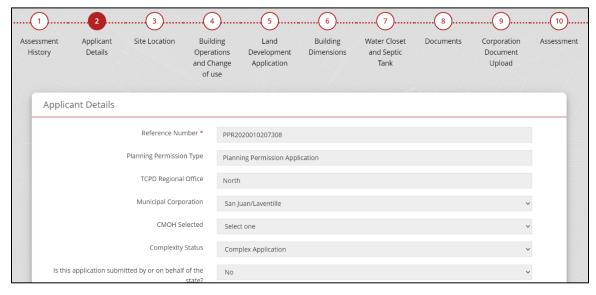


Figure 59: Applicant Details tab

c. **Tab 3 – Site Location**: Displays a map where the applicant should have plotted their proposal site location. The plotter would have inspected the plotted location and added Cross-Reference information, Co-ordinates and Geographic features that impact the site.

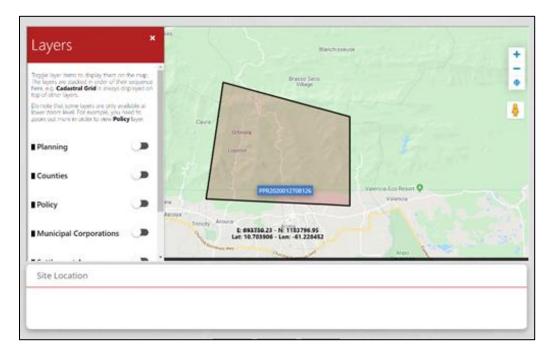


Figure 60: Site Location tab





d. **Tab 4 - Building Operations and Change of Use**: General information about the site, such as total area, intended use of building. Available services on the site, e.g. electricity, water and drainage, and the details of the stated use of the site, e.g. commercial use details.



Figure 61: Building Operations and Change of Use tab

e. **Tab 5 - Land Development Application**: Building details like the street name, nearby owners, number of rooms and others.

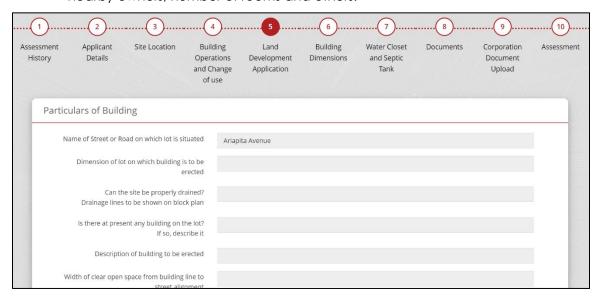


Figure 62: Land Development Application tab





f. **Tab 6** - **Building Dimensions**: Number and dimension of each room in the building.

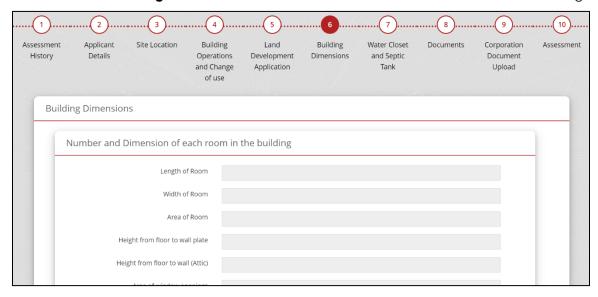


Figure 63: Building Dimensions tab

g. **Tab 7** - **Water Closet and Septic Tank**: Details about the water closet and septic tank.

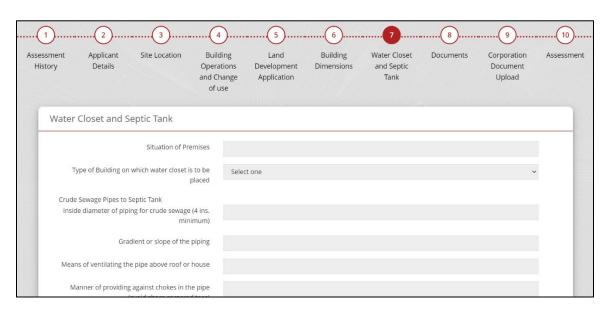


Figure 64: Water Closet and Septic Tank





h. **Tab 8 - Documents**: Additional plans to be uploaded. The Inspector may utilize the PDFTron tool to process plans. PDFTron's measurement tool allows the Inspector to verify scales and distances. Detailed information on the tool can be found in the <u>PDFTron section</u> (Appendix).

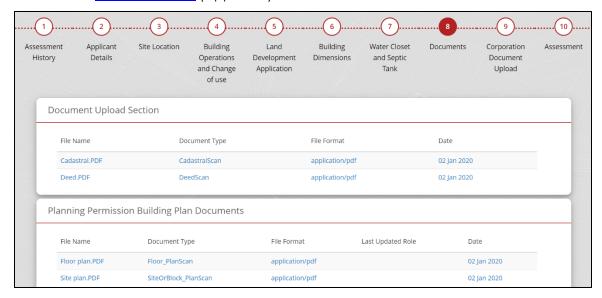


Figure 65: Documents tab

 Tab 9 – Corporation Document Upload: Additional documents uploaded for the attention of Municipal Corporation. This tab would take similar format as the documents tab.





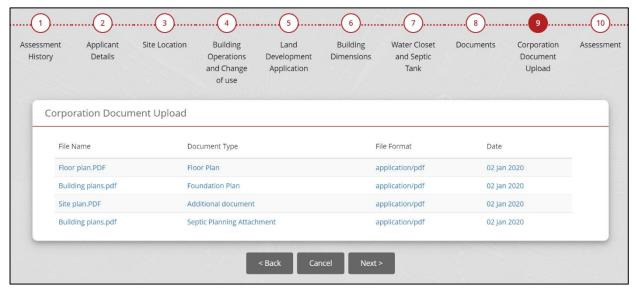


Figure 66: Municipal Corporation Document Upload tab

- j. Tab 10 Assessment: The approver can either query the applicant or Inspector or issue building permit. This tab would be discussed further in step 3.
- Go to Assessment Tab to give the decision on the Application (see <u>Figure 67</u>). There are TWO sections:
  - Remarks Section Shows Municipal Corporation Internal Reference Number, Building Permit Fees Amount (entered previously) along with Internal and External remarks. Internal Remarks can only be seen by users within the Municipal Corporation. External Remarks are seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section The Engineer can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.





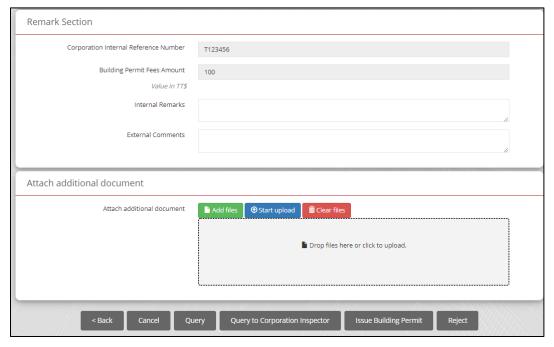


Figure 67: Building Permit Request - Assessment Tab for Municipal Corporation Engineer as Final Approver

a) **Query Applicant –** If there is a need for additional information, the Engineer can query the applicant. On the Assessment tab, enter the query in External Comments and click the query button located at the bottom of the page.

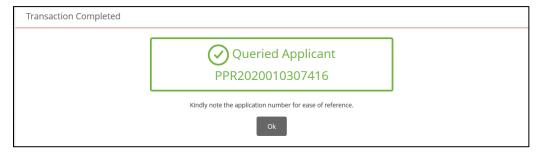


Figure 68: Building Permit Request - Municipal Corporation Engineer Queried Applicant

- b) **Query to Inspector** The Engineer can also query the Inspector for any clarification needed concerning the application. Click the button located at the bottom of the page to submit the query.
- c) **Approve –** Once the application is complete and satisfactory, the Engineer can issue the Building Permit. Click the Issue Building Permit button for





approval. The application would be directed to the Municipal Corporation Cashier for payment. Upon validation, a success message is displayed (see <u>Figure 69</u>).



Figure 69: Building Permit Request - Success Message for Corporation Engineer as Final Approver

### 5.3.2 STEPS TO PROCESS A BUILDING PERMIT REQUEST APPLICATION AS SECOND LEVEL APPROVER:

- Click the Reference Number (see <u>Figure 69</u> above) to view and process the application.
- 2. Click on each tab to review the application information and attachments (see Application Tabs for more information).
- 3. Go to **Assessment Tab** to give the decision on the application (see <u>Figure 70</u>)
  - Remarks Section Shows Municipal Corporation Internal Reference Number, Building Permit Fees Amount (entered previously) along with Internal and External remarks. Internal Remarks can only be seen by users within the Municipal Corporation. External Remarks are seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section The Engineer can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.





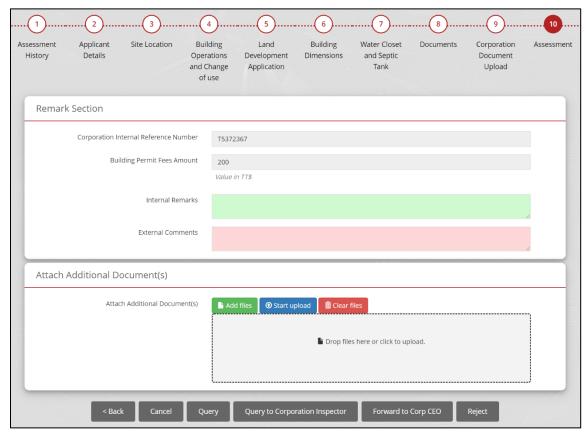


Figure 70: Building Permit Request Section - Assessment Tab for Municipal Corporation Engineer as Secondary Approver

a) **Query Applicant –** If there is a need for additional information, the Engineer can query the applicant. On the Assessment tab, enter the query in External Comments and click the query button located at the bottom of the page.

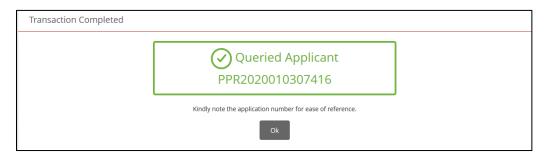


Figure 71: Building Permit Request – Corporation Engineer Queried Applicant





- Query to Inspector The Engineer can also query the Inspector for any clarification needed concerning the application. Click the 
   Query to Corporation Inspector button located at the bottom of the page to submit the query.
- **Approve** Once the application is complete and satisfactory, the Engineer can forward the application to the CEO. Enter any remarks and click the Forward to Corp CEO button.



Figure 72: Building Permit Request - Success Message for Corporation Engineer as Secondary Approver





### 5.4 COMPLETION CERTIFICATE REQUEST

The 'Completion Certificate Request' section displays all the applications with requests for Completion Certificates that were processed and forwarded by the Inspector. If the Engineer is the final approver, a Completion Certificate is issued after the inspection of a building, stating that it has been constructed according to the approved building plan and that it meets all the necessary standards. Refer to Navigating Sections for help navigating the Completion Certificate Request applications section. Figure 73 below shows the section which will contain the Completion Certificate Request applications.

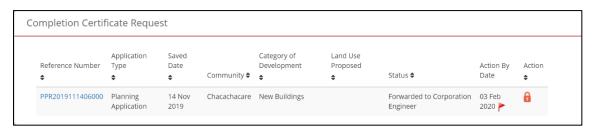


Figure 73: Municipal Corporation Engineer Completion Certificate Request Section

### 5.4.1 Steps to Process a 'Completion Certificate Request' as Final Approver:

- 1. Click the **Reference Number** (first column in <u>Figure 73</u>) to view and process the application.
- 2. Click on each tab to review the application information and attachments (see Application Tabs for help).
- Go to Assessment Tab to give the decision on the application (see <u>Figure 74</u>). There are TWO sections:
  - Remarks Section Shows Municipal Corporation Internal Reference Number, Building Permit Fees Amount (entered previously), Completion Certificate Fees Amount (also entered previously) along with Internal and External remarks. Internal Remarks can only be seen by users within the Municipal Corporation. External Remarks are seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section The Engineer can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.





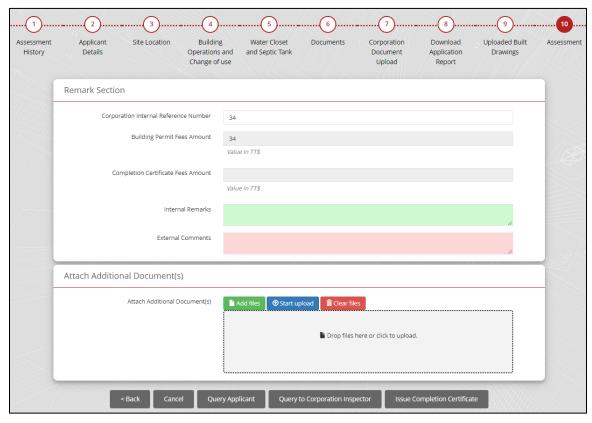


Figure 74: Completion Certificate Request-Assessment Tab for Municipal Corporation Engineer as Final Level

- a) **Query Applicant** If there is a need for additional information, the Engineer can query the applicant. On the Assessment tab, enter the query in External Comments and click the query

  Query Applicant button located at the bottom of the page.
- b) **Query Inspector** The Engineer can also query the Inspector for any clarification needed concerning the application. Click the located at the bottom of the page to submit the query.
- c) **Approve** Once the application is complete and satisfactory, the Engineer can issue the Building Permit. Click the application would be directed to the Municipal Corporation Cashier for payment. Upon validation, a success message is displayed (see Figure 75).





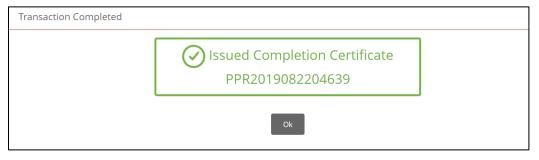


Figure 75: Completion Certificate Request - Success Message for Municipal Corporation Engineer as Final Approver

#### 5.4.2 Steps to process a 'Completion Certificate Request' as Second Level Approver:

- 1. Click the **Reference Number** to view and process the application.
- 2. Click on each tab to review the application information and attachments (see Application Tabs for help).
- 3. Go to **Assessment Tab** to give the decision on the application (see <u>Figure 76</u>). There are TWO sections:
  - Remarks Section Shows Municipal Corporation Internal Reference Number,
    Building Permit Fees Amount (entered previously), Completion Certificate Fees
    Amount (also entered previously) along with Internal and External remarks. Internal Remarks can only be seen by users within the Municipal Corporation.
    External Remarks are seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section The Engineer can upload supporting documents (if required). Please note that document(s) uploaded in this section would be visible to applicants and all approvers with access to the application.





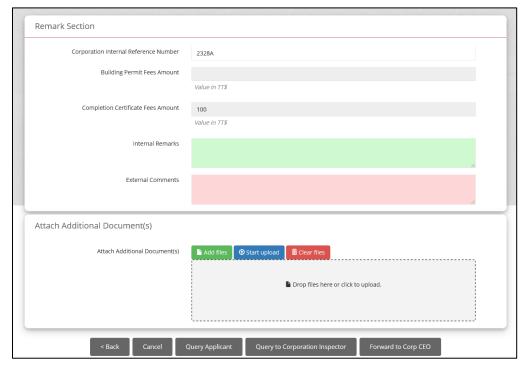


Figure 76: Completion Certificate Request - Assessment Tab for Corporation Engineer as Secondary Approver

- a) **Query Applicant** If there is a need for additional information, the Engineer can query the applicant. On the Assessment tab, enter the query in External Comments and click the query Query Applicant button located at the bottom of the page.
- b) **Query Inspector** The Engineer can also query the Inspector for any clarification needed concerning the application. Click the <a href="Query to Corporation Inspector">Query to Corporation Inspector</a> button located at the bottom of the page to submit the query.
- c) **Approve** Once the application is complete and satisfactory, the Engineer can forward the application to the CEO. Enter any remarks and click the button. The application would be directed to the Municipal Corporation Cashier for payment. Upon validation, a success message is displayed (see <u>Figure 77</u>).





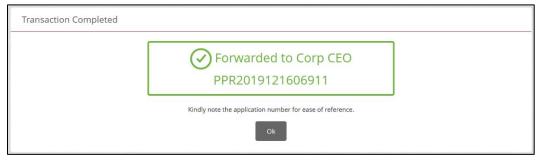


Figure 77: Completion Certificate Request - Success Message for Municipal Corporation Engineer as Secondary Approver





### 5.5 QUERIED COMPLETION CERTIFICATE REQUEST

The 'Queried Completion Certificate Request' section contains the applications which are queried by Municipal Corporation Chief Executive Officer for further clarifications (see <u>Figure 78</u> below). Refer to <u>Navigating Sections</u> for help navigating the Queried Inspection Scheduled - Completion Certificate applications section.



Figure 78: Municipal Corporation Engineer Queried Completion Certificate Request Section

#### 5.5.1 Steps to Process a 'Queried Completion Certificate Request' Application:

- 1. Click the **Reference Number** to access application.
- Check each tab and review the application information and attachments. All tabs
  remain the same as the previous section Completion Certificate Request, including
  the Assessment tab. CEO's comments would be updated in tab 1: Assessment History.
- 3. Go to Assessment Tab to give the decision on the application.





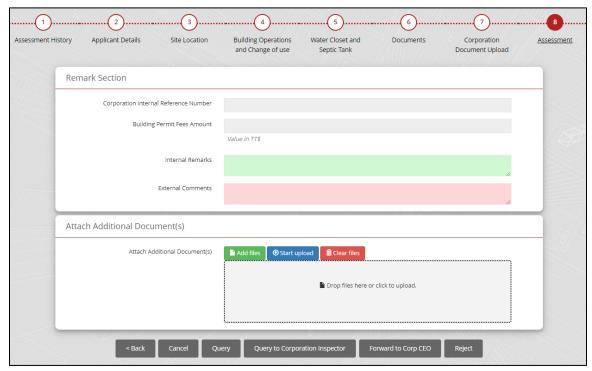


Figure 79: Queried Completion Certificate Request - Assessment Tab for Municipal Corporation Engineer





### 5.6 SEARCH APPLICATIONS

"Search Application" function allows the Engineer to search for any application in the system using the appropriate search criteria.

To search for an application:

a. Select Search Applications from the menu and the Search page is displayed (see <u>Figure 80</u> below). Please refer to the Appendix <u>Search Application Page</u> for more information.

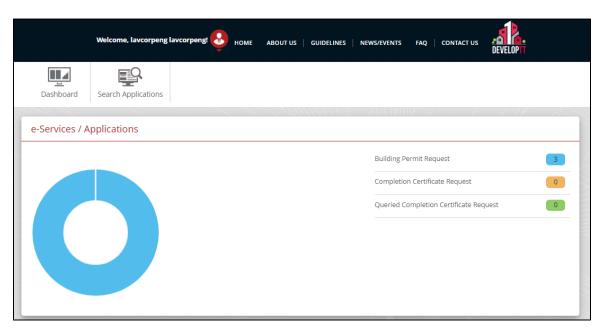


Figure 80: Search Application Button





### **6 MUNICIPAL CORPORATION CHIEF EXECUTIVE OFFICER**

The Chief Executive Officer (CEO) is the **FINAL** assessment level for applications in the Municipal Corporation. The application is forwarded by the Engineer to the CEO who reviews and assesses the application by either querying or issuing the permit or certificate requested.

#### 6.1 DASHBOARD

The dashboard is the default screen that will be displayed to the Chief Executive Officer after logging in. It consists of e-Services/Applications, with two (2) Categorized Application sections: Building Permit Requests and Completion Certificate Requests.

**Building Permit Requests:** A list of all applications forwarded by Engineer which have not been processed, will be found in this application section.

**Completion Certificate Request**: A list of applications forwarded from the Engineer requesting a Completion Certificate after construction has been completed.

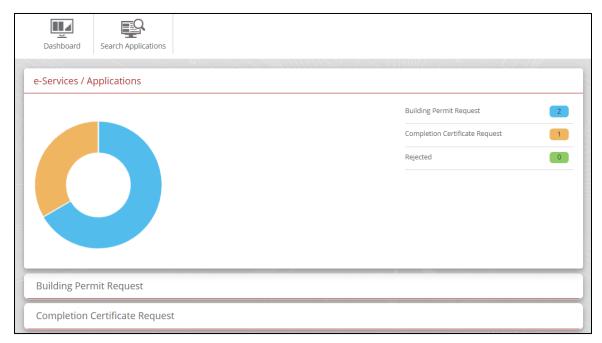


Figure 81: Chief Executive Officer Dashboard





#### 6.2 E-SERVICES/APPLICATIONS

### **Application Statuses Chart**

The Application Statuses chart is configured to indicate the status of the applications received at the Municipal Corporation CEO level. Hover the mouse on the coloured zone of the Application Statuses chart to view the application details.

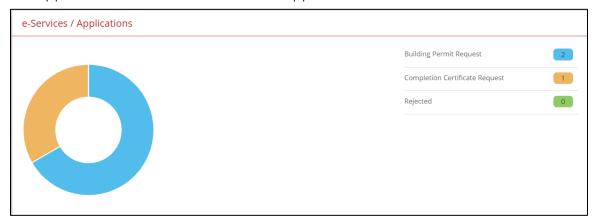


Figure 82: Chief Executive Officer Application Statuses Chart

The colour denotations are listed below:

Table 3: CEO Application Statuses Chart Colour Codes

Colour	Representation
	Building Permit Request
	Completion Certificate Request
	Reject





#### 6.3 BUILDING PERMIT REQUEST

The 'Building Permit Request' section displays all the applications forwarded from the Municipal Corporation Engineer (see <u>Figure 84</u> below). Refer to <u>Navigating Sections</u> for help navigating the 'Building Permit Request' applications section.

#### **NAVIGATING SECTIONS:**



- A. The **Reference Number** column contains all the relevant application reference numbers to this section. Reference Numbers are unique to each application and are automatically generated by the DevelopTT platform when an application is created. An application's reference number is consistent across all the site's agencies however, Agencies and Municipal Corporations have the option to add their own internal reference numbers if required.
- B. The **Application Type** column states the type of the application such as Planning Application or Outline + Planning Application.
- C. The **Saved Date** column shows the date that the application was submitted by the applicant.
- D. The **Community** column shows the community to which the applicant's site location belongs.
- E. The **Category of Development** shows the type of development that will take place at the site location, e.g. a new building or subdivision of land.
- F. The **Land Use Proposed** column shows the proposed use of the land at the applicant's site location.
- G. The **Status** column shows the status of the application at the relevant level.





- H. The **Action By Date** refers to the date by which the application should be processed. The approver has an SLA of certain days within which they should perform some action on the application. In case of SLA breach, the applications are flagged in **RED** under the **Action** column, indicated in Figure 83 below. This indicates immediate action needs to be taken.
- The Referred Agencies column shows the number of agencies that the application was referred to for example, EMA, WASA, etc.
- J. The Agency Response Received column shows how many agencies responded since an application cannot be processed without responses from its referred agencies.
- K. <u>NOTE</u>: Applications **CANNOT** be processed by the Municipal Corporation unless they have been approved by all referred agencies.



Figure 83: Flagged and Locked Application

- A locked application is one which is already being processed by another user at the same approver level. An application can only be unlocked by the user who started its assessment or the Municipal Corporation Administrator.
   Locked applications are denoted by a lock icon in the Action column as highlighted by the red square in Figure 83.
- L. Tap icon to sort applications in ascending or descending order.
- M. Up to 10 records are displayed in the sections.





N. Click on the navigation buttons
or click a specific page number to navigate between various pages. Click

Next to go to the Next page

Back and to go to the previous page.

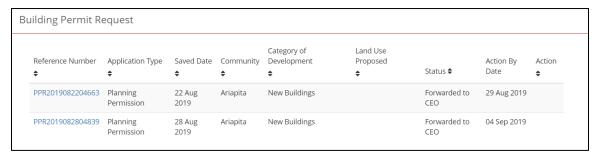


Figure 84: Municipal Corporation CEO Building Permit Request Section

#### 6.3.1 Steps to Process a 'Building Permit Request' Application:

- 1. Click the **Reference Number** to view and process the application.
- 2. Click on each tab to verify the accuracy of the application information and attachments (see <u>Figure 85</u> below).

#### **APPLICATION TABS:**

a. Tab 1 - Assessment History: Any remarks or comments made on the application previously would appear in this section e.g. Remarks made on application by Public Health/ CMOH staff or applicant response to any queries made previously.





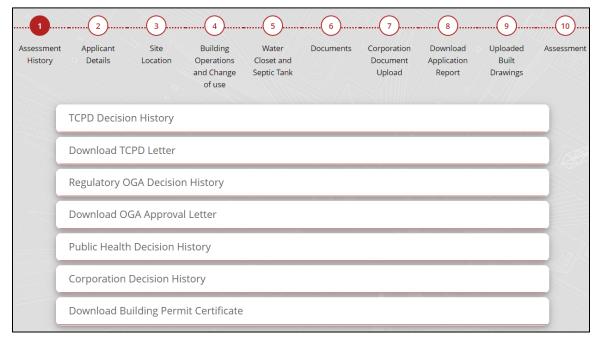


Figure 85: Assessment History tab

b. Tab 2 - Applicant Details: Applicants are required to supply personal information, a brief description of their proposal, land details, purpose for which land or new/altered/extended building are proposed to be used and purpose for which land and/or building are now used. In the Description of Proposal section, the Category of Development will be chosen, whether it is a New Building or Subdivision etc. Depending on category chosen, tab 4 would have different information.

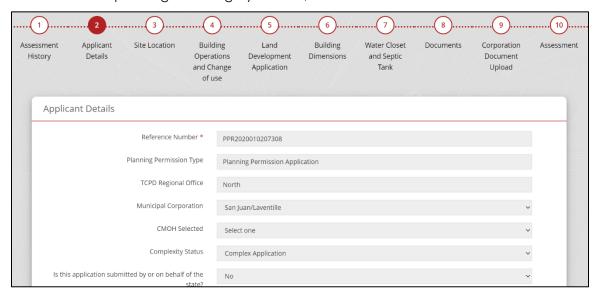


Figure 86: Applicant Details tab





c. **Tab 3 – Site Location**: Displays a map where the applicant should have plotted their proposal site location. The plotter would have inspected the plotted location and added Cross-Reference information, Co-ordinates and Geographic features that impact the site.

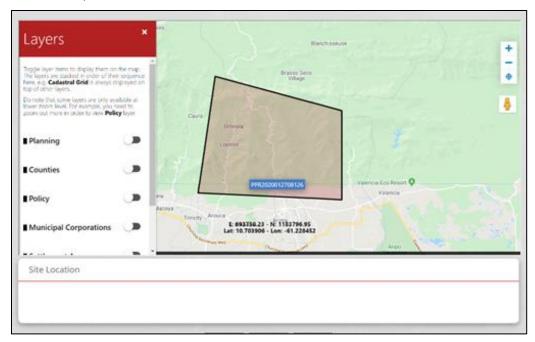


Figure 87: Site Location tab

d. **Tab 4 - Building Operations and Change of Use** – General information about the site, such as total area, intended use of building. Available services on the site, e.g. electricity, water and drainage, and the details of the stated use of the site, e.g. commercial use details.





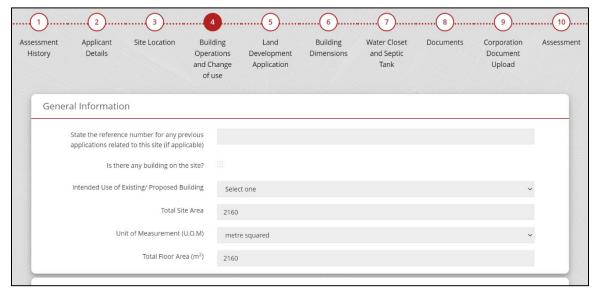


Figure 88: Building Operations and Change of Use tab

e. **Tab 5 - Land Development Application**: Building details like the street name, nearby owners, number of rooms and others.

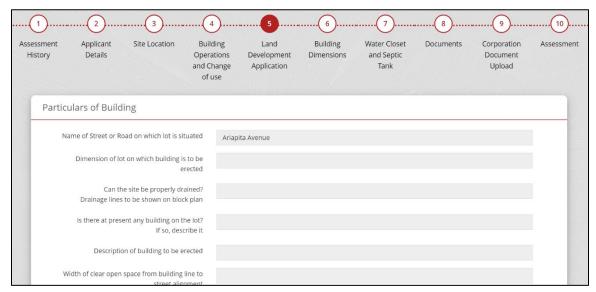


Figure 89: Land Development Application tab

f. Tab 6 - Building Dimensions: Number and dimension of each room in the building.





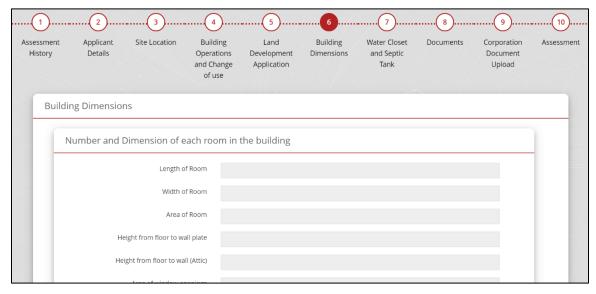


Figure 90: Building Dimensions tab

g. Tab 7 - Water Closet and Septic Tank: Details about the water closet and septic tank.

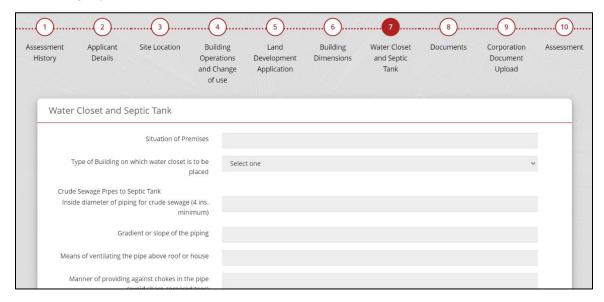


Figure 91: Water Closet and Septic Tank

h. **Tab 8 - Documents**: Additional plans to be uploaded. The Inspector may utilize the PDFTron tool to process plans. PDFTron's measurement tool allows the Inspector to verify scales and distances. Detailed information on the tool can be found in the <u>PDFTron section</u> (Appendix).





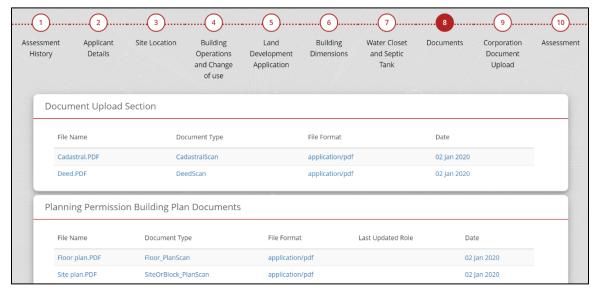


Figure 92: Documents tab

 Tab 9 – Corporation Document Upload: Additional documents uploaded for the attention of Municipal Corporation. This tab would take similar format as the Documents tab.

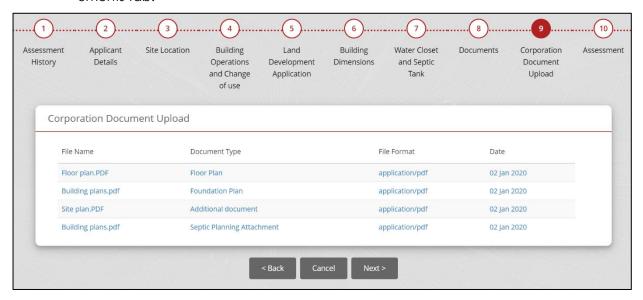


Figure 93: Municipal Corporation Document Upload tab

j. Tab 10 - Assessment: The approver can either query the applicant or Engineer or issue building permit. This tab would be discussed further in step 3.





- 3. Go to **Assessment Tab** to give the decision on the application (see <u>Figure 94</u>). There are TWO sections:
  - Remarks Section Shows Municipal Corporation Internal Reference Number,
    Building Permit Fees Amount (entered previously) along with Internal and External
    remarks. Internal Remarks can only be seen by users within the Municipal Corporation. External Remarks are seen by users outside of the Municipal Corporation
    including applicants.
  - Additional Document Section The Engineer can upload supporting documents (if required).

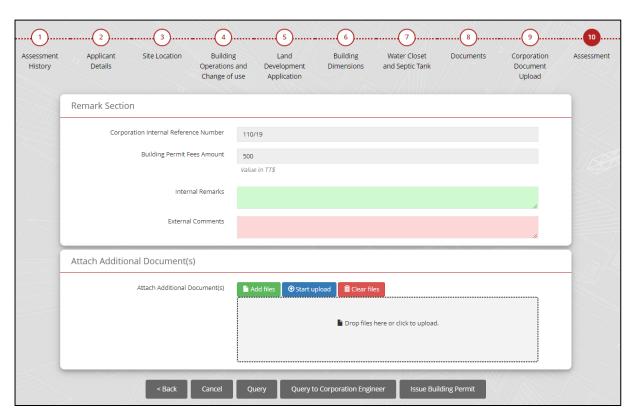


Figure 94: Building Permit Request - Assessment Tab for Municipal Corporation CEO

a) **Query Applicant –** If there is a need for additional information, the CEO can query the applicant. On the Assessment tab, enter the query in External Comments and click the query button located at the bottom of the page.





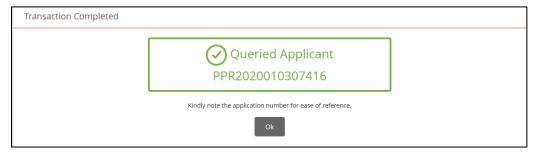


Figure 95: Building Permit Request – Corporation Engineer Queried Applicant

- b) Query to Engineer The CEO can also query the Engineer for any clarification needed concerning the application. Click the ton located at the bottom of the page to submit the query.
- the Building Permit. Click the Issue Building Permit button for approval. The application would be directed to the Municipal Corporation Cashier for payment. Upon validation, a success message is displayed (see Figure 96).

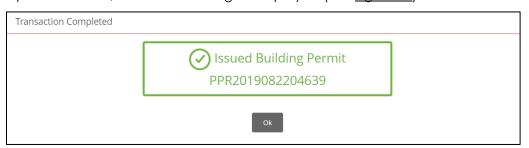


Figure 96: Building Permit Request - Success Message for Municipal CEO





#### 6.4 COMPLETION CERTIFICATE REQUEST

The 'Completion Certificate Request' section displays all the applications with requests for Completion Certificates that were processed and forwarded by the Engineer. A Completion Certificate is issued after the inspection of a building, stating that it has been constructed according to the approved building plan and that it meets all the necessary standards. Refer to <u>Navigating Sections</u> for help navigating the Completion Certificate Request applications section. <u>Figure 97</u> below shows the section which will contain the Completion Certificate Request applications.



Figure 97: Municipal Corporation Chief Engineer Officer Completion Certificate Section

### 6.4.1 Steps to Process a 'Completion Certificate Request':

- 1. Click the **Reference Number** to view and process the application.
- 2. Click on each tab to verify the accuracy of the application information and attachments (refer to <u>Application Tabs</u>).
- 3. Go to **Assessment Tab** (see <u>Figure 98</u>) to give the decision on the Application. There are TWO sections in Assessment Tab,
  - Remarks Section The CEO can enter the Reference Number along with any
    Internal and External remarks. Building Permit and Completion Certificate Fees
    are also displayed here. Internal Remarks can only be seen by users within the
    Municipal Corporation. External Remarks are seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section The CEO can upload the supporting Documents (if required).





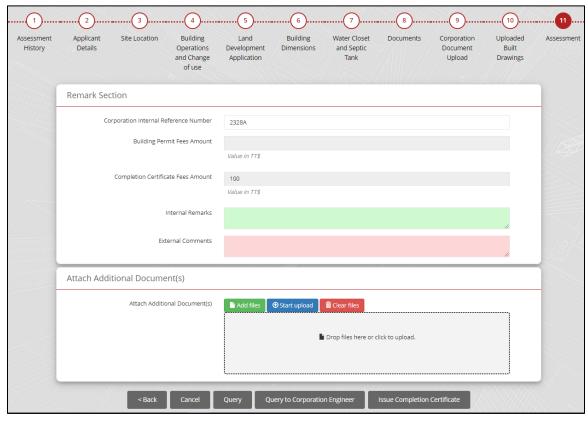


Figure 98: Municipal Corporation CEO Completion Certificate Request - Assessment Tab

- a) **Query Applicant** If there is a need for additional information, the CEO can query the applicant. On the Assessment tab, enter the query in External Comments and click the query

  Query Applicant button located at the bottom of the page.
- b) **Query Inspector** The CEO can also query the Inspector for any clarification needed concerning the application. Click the cated at the bottom of the page to submit the query.
- c) Approve Once the application is complete and satisfactory, the CEO can issue the Completion Certificate. Enter any remarks and click the Issue Completion Certificate button. The application would be directed to the Municipal Corporation Cashier for payment. Upon validation, a success message is displayed (see Figure 99).







Figure 99: Municipal Corporation CEO Completion Certificate Request – CEO Issue Completion Certificate Success Message





### 6.5 SEARCH APPLICATIONS

"Search Application" function allows the CEO to search for any application in the system using the appropriate search criteria.

To search for an application:

a. Select search Applications from the menu and the Search page is displayed (see <u>Figure 100</u> below). Please refer to the Appendix <u>Search Application Page</u> for more information.

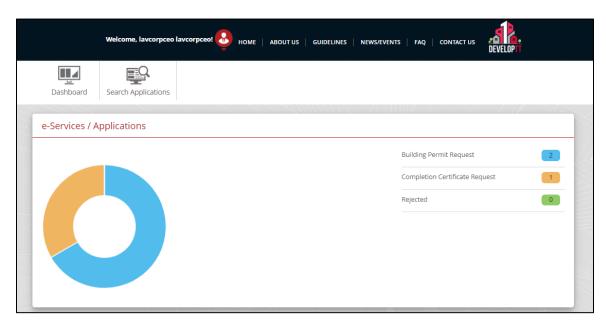


Figure 100: Search Application Button





### 7 MUNICIPAL CORPORATION CASHIER

The Cashier is the final level for applications in the Municipal Corporation. After the issuance of a Building Permit or Completion Certificate, the Municipal Corporation Cashier processes the relevant payment fees.

#### 7.1 DASHBOARD

The dashboard is the default screen that will be displayed to the Cashier after logging in. It consists of e-Services/Applications, with two (2) Categorized Application sections: Building Permit Payment Request and Completion Certificate Payment Request.

**Building Permit Payment Request:** A list of all applications for Building Permit which have been processed and forwarded for payment, will be found in this application section.

**Completion Certificate Payment Request:** A list of all applications for Completion Certificate which have been processed and forwarded for payment, will be found in this application section.

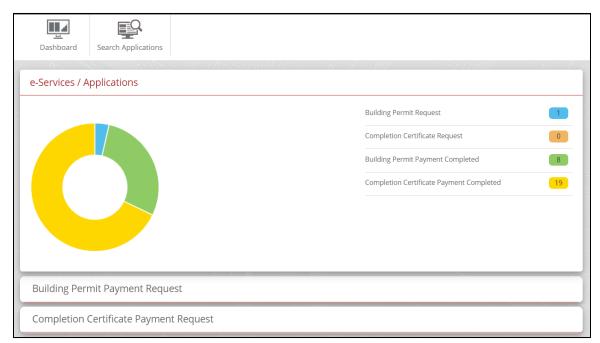


Figure 101: Municipal Corporation Cashier Dashboard





#### 7.2 E-SERVICES/APPLICATIONS

### **Application Statuses Chart**

The Application Statuses chart is configured to indicate the status of the applications received at the Municipal Corporation Cashier level (see <u>Figure 102</u>). Hover the mouse on the coloured zone of the Application Statuses chart to view the application details.



Figure 102: Corporation Cashier Application Statuses Chart

The Colour denotations are listed below:

**Table 4: Cashier Application Statuses Chart Colour Codes** 

Colour	Representation
	Building Permit Request
	Completion Certificate Request
	Building Permit Payment Completed
	Completion Certificate Payment Completed





#### 7.3 BUILDING PERMIT PAYMENT REQUEST

The 'Building Permit Payment Request' section displays all the applications which were issued Building Permits and awaiting payment (see <u>Figure 103</u>). For help navigating this section, refer to <u>Navigating Sections</u>.

#### **NAVIGATING SECTIONS:**



- A. The **Reference Number** column contains all the relevant application reference numbers to this section. Reference Numbers are unique to each application and are automatically generated by the DevelopTT platform when an application is created. An application's reference number is consistent across all the site's agencies however, Agencies and Municipal Corporations have the option to add their own internal reference numbers if required.
- B. The **Application Type** column states the type of the application such as Planning Application or Outline + Planning Application.
- C. The **Saved Date** column shows the date that the application was submitted by the applicant.
- D. The **Community** column shows the community to which the applicant's site location belongs.
- E. The **Category of Development** shows the type of development that will take place at the site location, e.g. a new building or subdivision of land.
- F. The **Land Use Proposed** column shows the proposed use of the land at the applicant's site location.
- G. The **Status** column shows the status of the application at the relevant level.





H. The Action column shows whether an application is locked or not. A locked application is one which is already being processed by another user at the same approver level. An application can only be unlocked by the user who started its assessment or the Municipal Corporation Administrator. Locked applications are denoted by a lock icon as highlighted by the red square in Figure 100. icon to sort applications in ascending or descending order. Tap Up to 10 records are displayed in the sections. Back Next K. Click on the navigation buttons or click a specific page number to navigate between various pages. Click to go to the Next page Back and to go to the previous page.

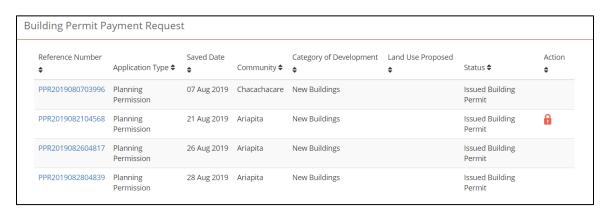


Figure 103: Municipal Corporation Cashier - Building Permit Request Section

#### 7.3.1 STEPS TO PROCESS A BUILDING PERMIT REQUEST

- 1. Click the **Reference Number** to view and process the application.
- 2. Click on each tab to review of the application information and attachments.





#### **APPLICATION TABS:**

a. Tab 1: Assessment History - The decision histories of the Municipal Corporation as well as all agencies that have processed the application and applicant's responses.

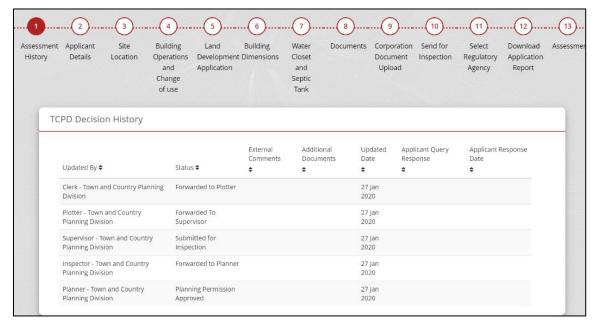


Figure 104: Assessment History tab

 Tab 2: Applicant Details - Applicant and site information along with the purpose of development.



Figure 105: Applicant Details tab





c. **Tab 3: Site Location –** A visual representation of the applicant's site area including cross-references and coordinates.

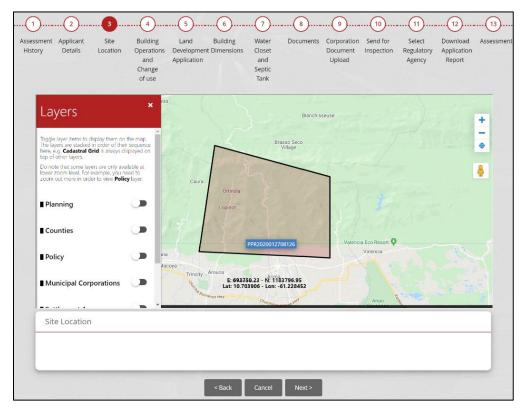


Figure 106: Site Location tab

d. Tab 4: Building Operations and Change of Use – General information about the site, such as total area, intended use of building. Available services on the site, e.g. electricity, water and drainage, and the details of the stated use of the site, e.g. commercial use details.





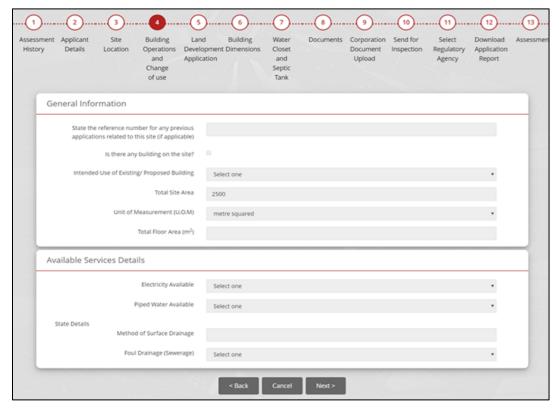


Figure 107: Building Operations and Change of Use tab

e. **Tab 5: Land Development Application –** Building details like the street name, nearby owners, number of rooms and others.





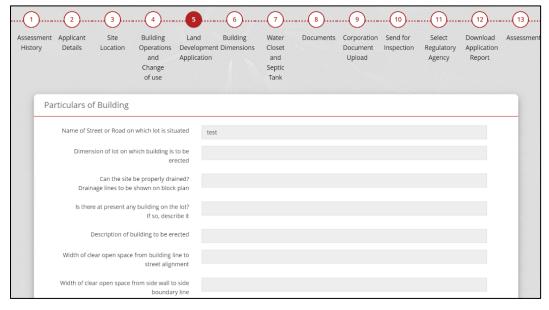


Figure 108: Land Development Application tab

f. **Tab 6: Building Dimensions –** Number and dimension of each room in the building.

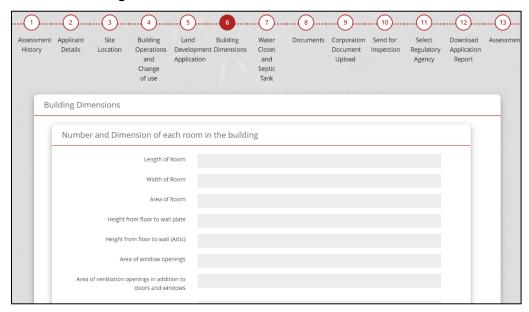


Figure 109: Building Dimensions tab

g. Tab 7: Water Closet and Septic Tank – Details about the water closet and septic tank.





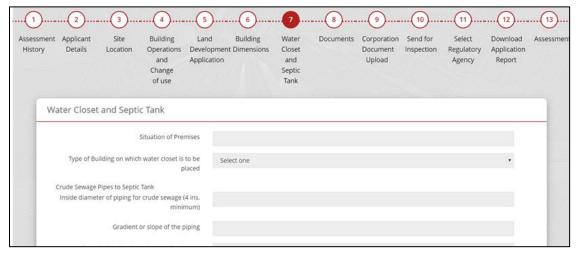


Figure 110: Water Closet and Septic Tank tab

h. **Tab 8: Documents –** Additional plans to be uploaded such as roof, floor and other building plans.

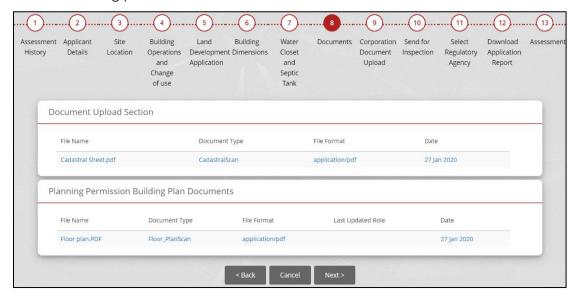


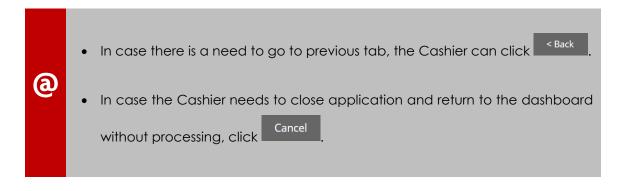
Figure 111: Documents tab

- i. Tab 9: Corporation Document Upload Another document tab like tab 8.
- j. Tab 10: Assessment The cashier can indicate here that payment was made and upload receipt if necessary.
- Go to Assessment Tab (see <u>Figure 112</u>) to process payment for the application.
   There are THREE sections in Assessment Tab,





- Remarks Section Shows Municipal Corporation Internal Reference Number (entered by Inspector) along with Internal and External remarks (for Cashier remarks).
   Internal Remarks can only be seen by users within the Municipal Corporation. External Remarks are seen by users outside of the Municipal Corporation including applicants.
- Additional Document Section The Cashier can upload supporting documents such as receipt (if required).
- **Payment Details** The Cashier should select Date of Payment. This section also shows the amount to be paid for Building Permit application.



After payment is received, the chashier can process the application by clicking the Payment Received button.





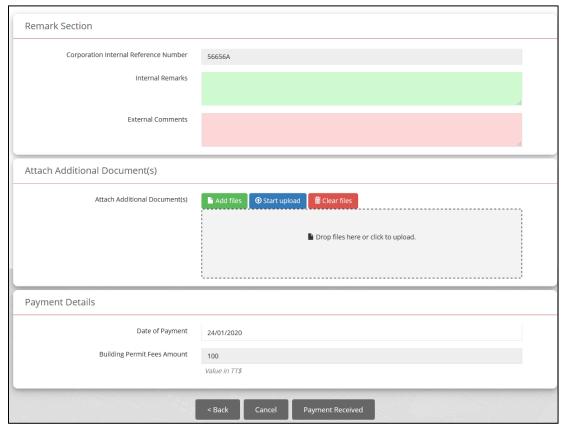


Figure 112: Municipal Corporation Cashier Building Permit Request - Assessment Tab

Upon validation, a success message is displayed (see Figure 113).

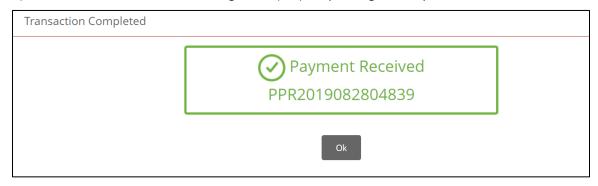


Figure 113: Municipal Corporation Cashier Building Permit Payment Success Message





#### 7.4 COMPLETION CERTIFICATE PAYMENT REQUEST

The 'Completion Certificate Payment Request' section displays all the applications which were issued Completion Certificates and awaiting payment (see <u>Figure 114</u>). For help navigating this section, refer to <u>Navigating Sections</u>.



Figure 114: Municipal Corporation Cashier Completion Certificate Payment Request Section

#### 7.4.1 Steps to Process a Completion Certificate Payment Request

- 1. Click the **Reference Number** to view and process the application.
- 2. Click on each tab to review the application information and attachments (see Application Tabs for further information).
- 3. Go to **Assessment Tab** (see <u>Figure 115</u>) to process payment for the application. There are THREE sections in Assessment Tab,
  - Remarks Section The Cashier can enter Internal and External remarks. The Municipal Corporation Internal Reference Number is also displayed in this section.
     Internal Remarks can only be seen by users within the Municipal Corporation. External Remarks are seen by users outside of the Municipal Corporation including applicants.
  - Additional Document Section Upload the supporting documents (if required).
  - Payment Details The Cashier should select Date of Payment. This section also shows the amount paid for Building Permit as well as the amount to be paid for Completion Certificate application.





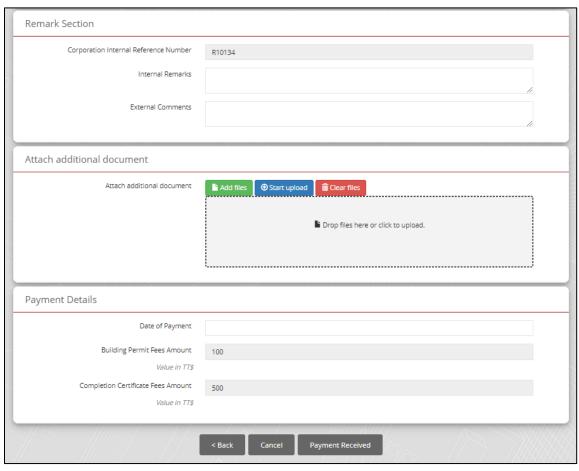


Figure 115: Municipal Corporation Cashier Completion Certificate Request - Assessment Tab



Once payment is received, the cashier can process the application by clicking the Payment Received button. Upon validation of decision, a success message is displayed (see Figure 116).





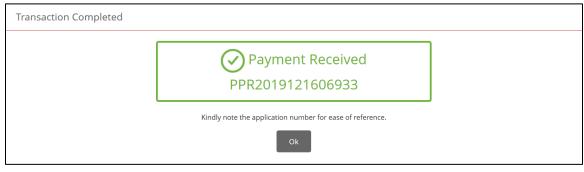


Figure 116: Municipal Corporation Cashier - Completion Certificate Success Message for Payment Received





#### 7.5 SEARCH APPLICATIONS

"Search Application" function allows the Inspector to search for any application in the system using the appropriate search criteria.

To search for an application:

a. Select search Applications from the menu and the Search page is displayed (see <u>Figure 117</u> below). Please refer to the Appendix <u>Search Application Page</u> for more information.

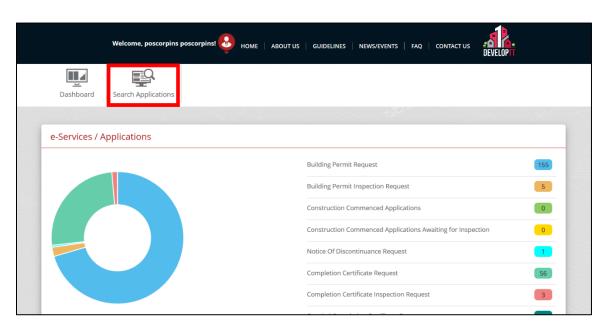


Figure 117: Search Application Button





#### 8 MUNICIPAL CORPORATION ADMINISTRATOR

The Municipal Corporation Administrator acts as a super user for the Municipal Corporation who has the ability to unlock applications locked to any approving level as well as create, edit, modify or delete inspection form and/or report templates.

Municipal Corporations have many approving levels on DevelopTT. Once an application is forwarded to the Municipal Corporation, and an approving user opens the application, it is locked to the specific user. Other users can view the application but cannot process the application unless it is unlocked by the user or administrator.

#### 8.1 DASHBOARD

The dashboard is the default screen that will be displayed to the Administrator after logging in (refer to <u>Figure 118</u> below). It shows the sub-navigation bar (indicated as A) along with a list of locked applications (indicated as B).

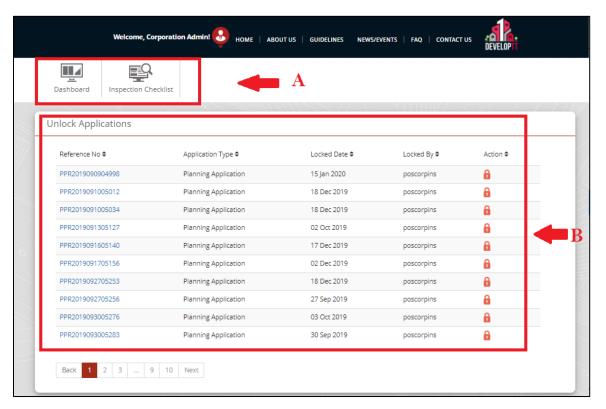


Figure 118: Municipal Corporation Administrator Dashboard



### DevelopTT User Guide – Municipal Corporations



#### 8.2 UNLOCK APPLICATIONS

As stated earlier, an application gets locked once it is opened by an approver. The 'Unlock Applications' section lists the applications which are in locked mode (see <u>Figure 119</u> below). You can view the Reference Number and the user the application is locked to.

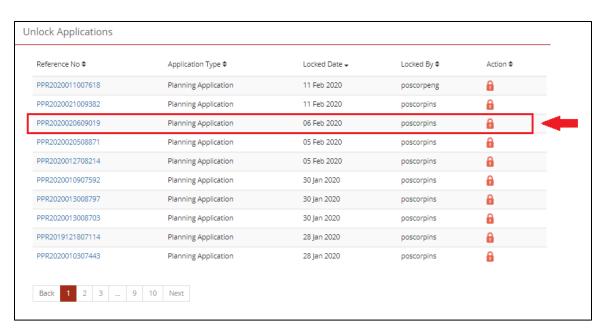
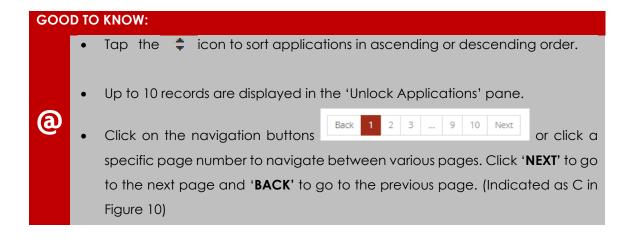


Figure 119: Municipal Corporation Administrator - Unlock Applications Section



For instance, if a Municipal Corporation Inspector forwards an application, the application would show up on the dashboards of all Municipal Corporation Engineers. Once an Engineer opens the application (before other Engineers), it is locked to that Engineer for processing.





Once that application is opened, it appears on the administrator's 'Unlock Applications' section. Other Engineers may view the application but would not be able to process it. If the Engineer is unable to unlock the application, the administrator has the ability to unluck the application to allow another Engineer to process it.

#### STEPS TO UNLOCK AN APPLICATION

- Search the list of applications for the relevant application by reference number.
   To view the application details, click the reference number.
- 2. Click the lock icon that corresponds to the application. A confirmation message would appear as in Figure 120.

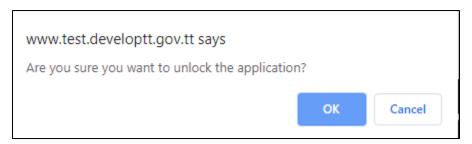


Figure 120: Unlock Application Confirmation Message

3. Click 'OK'. Click 'Dashboard' button in sub-navigation bar to refresh the page. Once successful, application would be removed from the list (see <u>Figure 121</u> below).

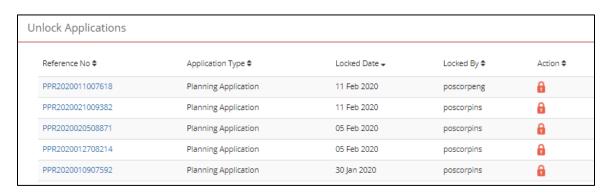


Figure 121: Unlock Application section after PPR20200609019 was unlocked





#### 8.3 INSPECTION CHECKLIST

This function allows the Municipal Corporation Administrator to manage templates for inspection job forms (to be used by Municipal Corporation Inspectors for inspections) and reports.



On clicking Inspection Checklist button , you would be taken to the Job Form Template screen. You can click the 'Plan' button (indicated in <u>Figure 122</u> below) to switch between the two (2) functions.

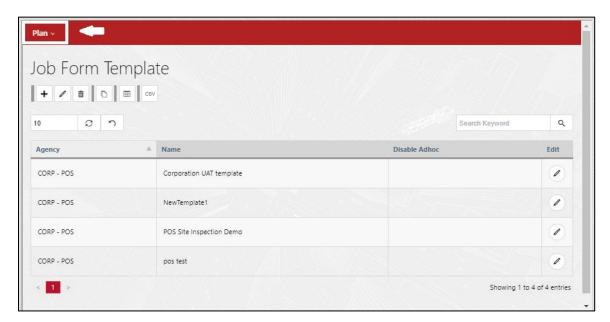


Figure 122: Inspection Checklist window





#### **JOB FORM TEMPLATE**

Form Templates are used to capture information when performing an inspection. A corresponding report template must be created to view information entered on the form.

1. Select Plan icon and a dropdown list will be shown, select from the list 'Job Form Template'. You would be presented with a table containing a list of job forms templates as seen in Figure 123.

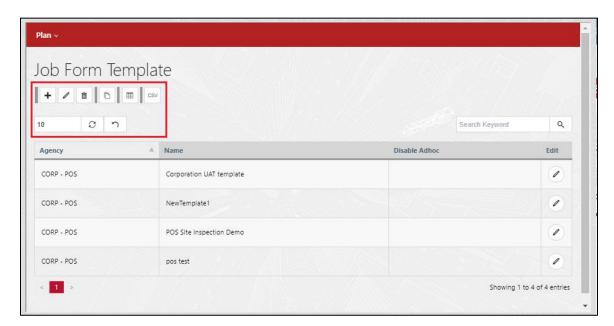
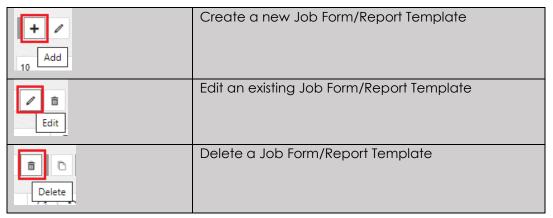


Figure 123: Job Form Template window

#### **Icons Explained**

Table 5: Job Form/Report Template Icons Explained







Сору	Copy an existing Job Form/Report Template
Select or unselect records	Select or unselect all records in the table
Download CSV	Download list of table records
10 3 7	Indicate number of records to show in table at a time
10 3 7	Refresh table
10 8 7	Undo last action on table

2. Click the 'Add' button to create a new template. The 'Add Job Form Template' would be shown (see <u>Figure 124</u> below). The Agency would be automatically populated.

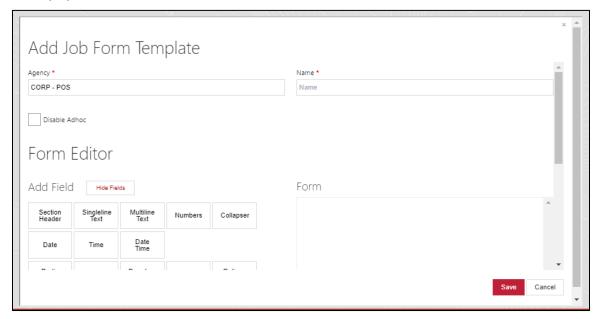


Figure 124: Add Job Form Template





- 3. Enter a name for the job form.
- 4. Select necessary fields from Form Editor section (see <u>Figure 125</u> below) and add to form.
  - a. Click on a field button under the 'Add Field' section. The field should appear under the 'Form' section to the right.

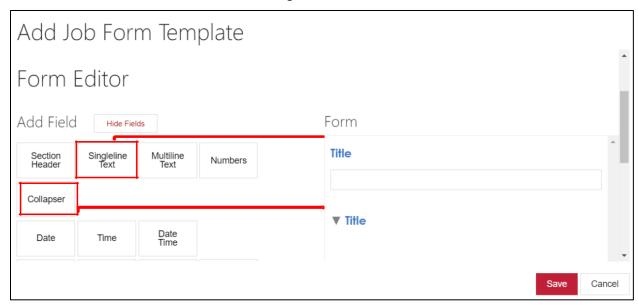


Figure 125: Form Editor with Field Types

b. Click on the field under 'Form' section and settings would appear to the left under the 'Form Editor' section in the section 'Label' (refer to <u>Figure 126</u> below).

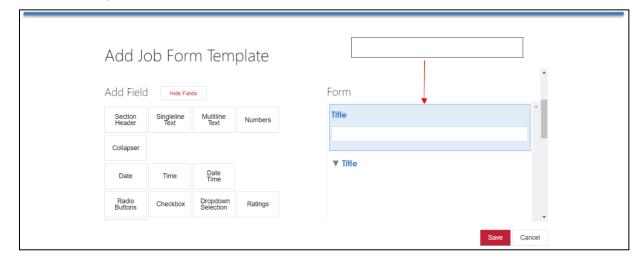


Figure 126: Editing a Field





Scroll down to the bottom of the window to edit the field settings. Some field settings as seen in <u>Figure 127</u> are:

Title - Name of field.

Mandatory - The field can be made Mandatory by checking the box seen

Editable - Enables a response to be entered during inspection.

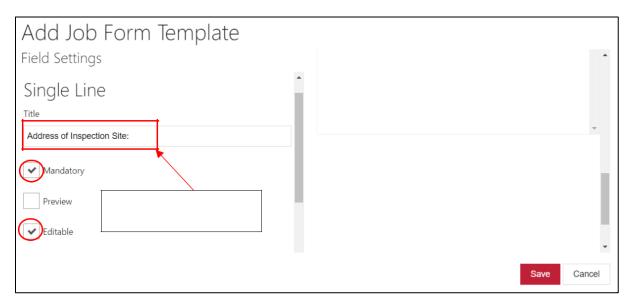


Figure 127: Adding Field Information

c. Once you have successfully entered all required field settings, scroll to the top under heading Form. The newly edited fields will be shown on the right-hand side under Form (see <u>Figure 128</u>).





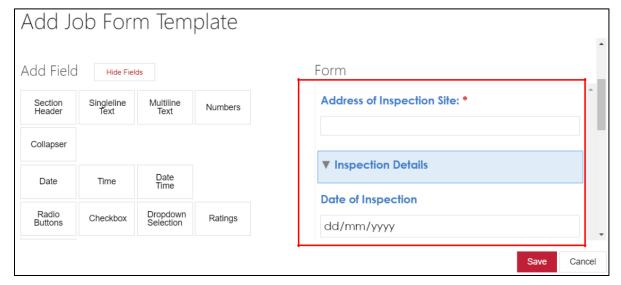


Figure 128: Edited Fields

d. Select the 'Save' button to save the form template created. A success message would appear (see <u>Figure 129</u>) and the new form would be seen in the Job Form Template table.

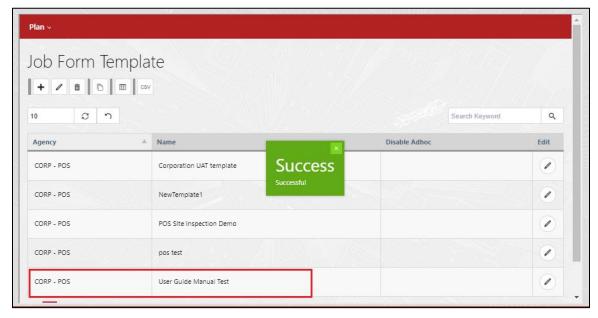


Figure 129: Job Form Template Success Message





#### JOB REPORT TEMPLATE

Report Templates are used to display the report of an inspection that was carried out in the field. It has a corresponding form template, where information would be pulled from to populate the report.

- 1. Select Plan icon and a dropdown list will be shown, select from the list 'Job Report Template'. You would be presented with a table containing a list of job report templates as seen in Figure 130. The icons are the same as the Job Form Template icons.
- 2. Click the 'Add' button to create a new template. The 'Add Job Report Template' would be shown. The Agency would be automatically populated.

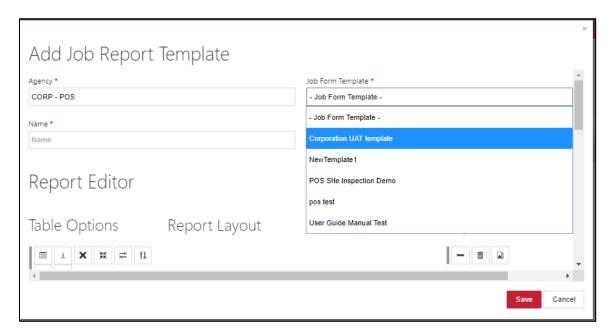


Figure 130: Add Job Report Template window

- 3. Select a Job Form Template you which to create the report for.
- 4. Enter a name for the job report.
- 5. Specify size of table for report. Enter the number of Rows and Columns needed then click on the table icon (see <u>Figure 131</u>).





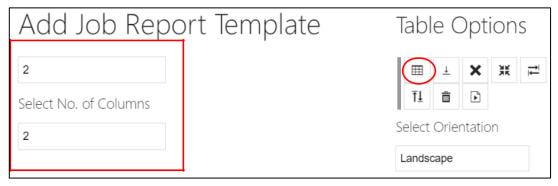


Figure 131: Job Report Grid Layout

After creating table, it should appear under the Report Layout section in the middle (see <u>Figure 132</u> below).

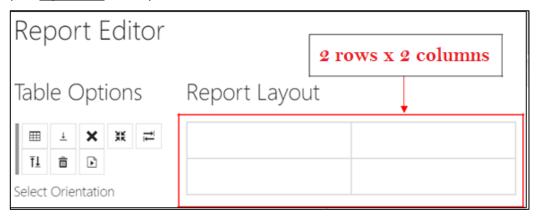


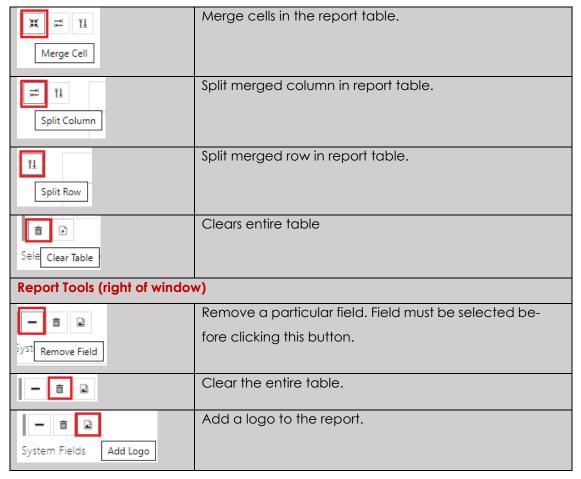
Figure 132: Job Report Layout

#### **Report Editor Icons**

Table Options (Left of window)	
⊥ ★ ¾	Create table button. The number of rows and columns MUST be specified before clicking the button.
⊥ X X X Add Row	Add a row to the report table.
× ¾ ≓ Delete Row	Delete a row from the report table.







- 6. Select necessary fields from Report Tools section on the right to be added to report.
  - a. Fields created on the form template would be found under 'User Fields'.

    Click on 'Select User Field To Insert To' (indicated in the red box) to view the

    User Fields

    drop-down box with all fields.

    Select User Field To Insert To +
  - b. On the report layout, select the cell where the first field is to be placed. It should be highlighted blue (see <u>Figure 133</u>).





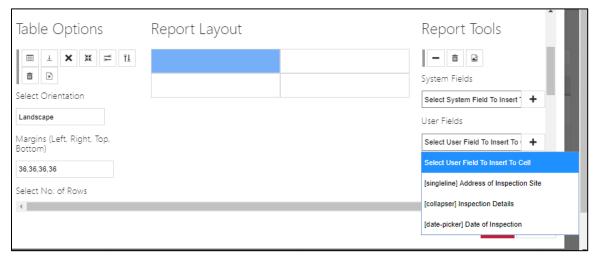


Figure 133: Cell Selected and User Field Drop-Down List shown

c. Click the field from the list which you wish to add and it would appear in the report table (see Figure 134).

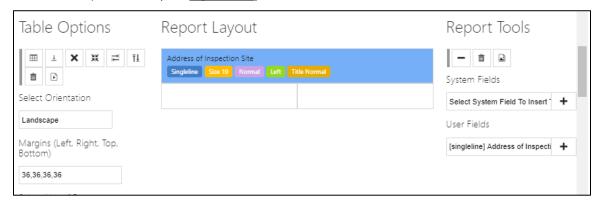


Figure 134: Field added to report table

- d. With field still highlighted, scroll to the bottom left, down to 'Cell Options' section (see <u>Figure 135</u>). You may change font size, style, alignment or title style here. Once you have entered the desired setting, click the arrow next to it for changes to show. Click on the field again to deselect it.
- e. Repeat steps a d to add other fields to the report table.





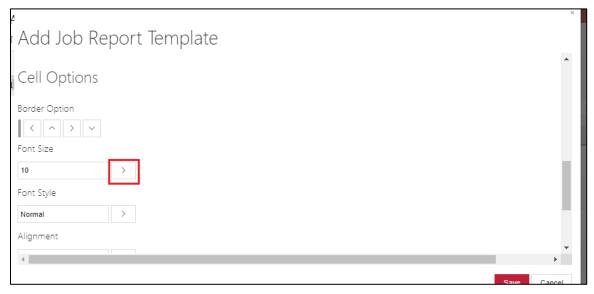


Figure 135: Cell Options

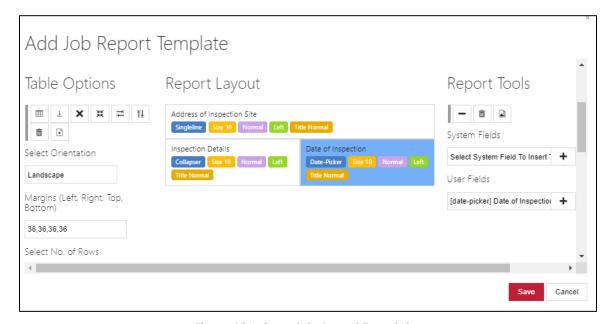


Figure 136: Complete Report Template

f. Once you have successfully filled out the report template, click 'Save' button. A success message would appear (see <u>Figure 137</u>) and the new form would be seen in the Job Report Template table.





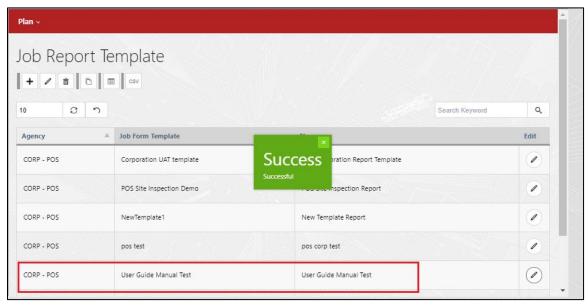


Figure 137: Job Report Template Success Message





#### **APPENDIX**

#### SEARCH APPLICATION PAGE

The 'Search Application' function allows a user to search for an application using the appropriate search criteria. Once an application was forwarded by TCPD to the Municipal Corporation, any Municipal Corporation approver would be able to search for and view the application.

1. Click on 'Search Applications' icon from the menu. The search page would be displayed as seen in Figure 138 below.

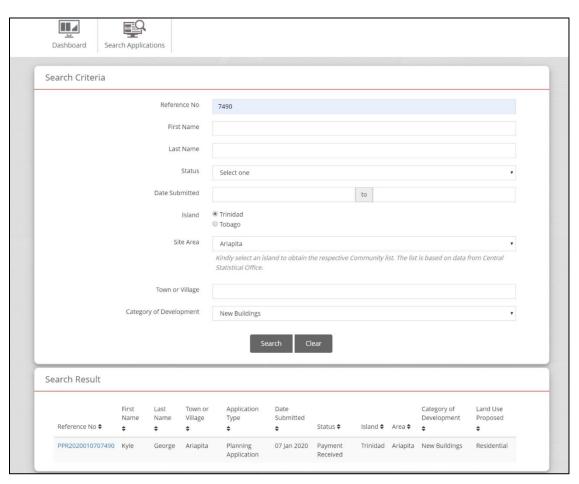


Figure 138: Search Application page





2. Enter <u>at least ONE</u> search criterion to perform the Search operation. The different search criteria are seen in <u>Figure 138</u>. There are lists to choose from for two (2) of the criteria (see <u>Figure 139</u> and <u>Figure 140</u>):

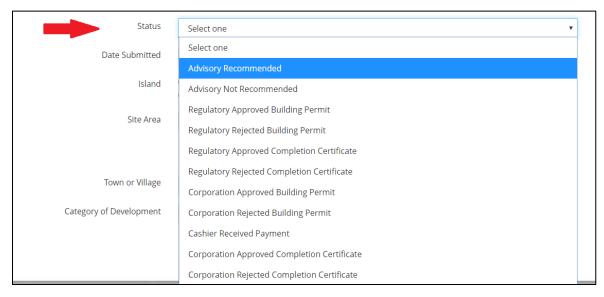


Figure 139: Status drop-down list

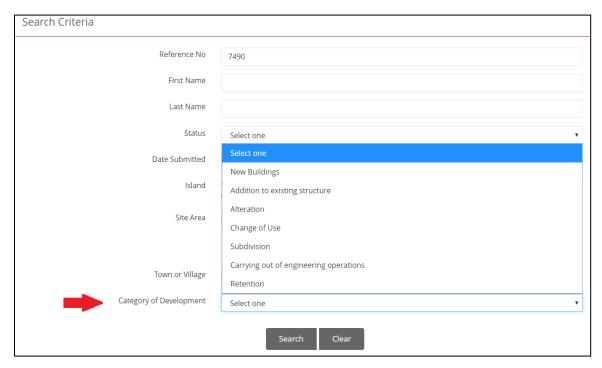


Figure 140: Category of Development drop-down list







- Click Search button and the results will be displayed in the 'Search Result' section below.
- 4. Results would be provided three (3) per results page. Click Next or a page number to view another results page.

A sample search is shown in Figure 141 below.

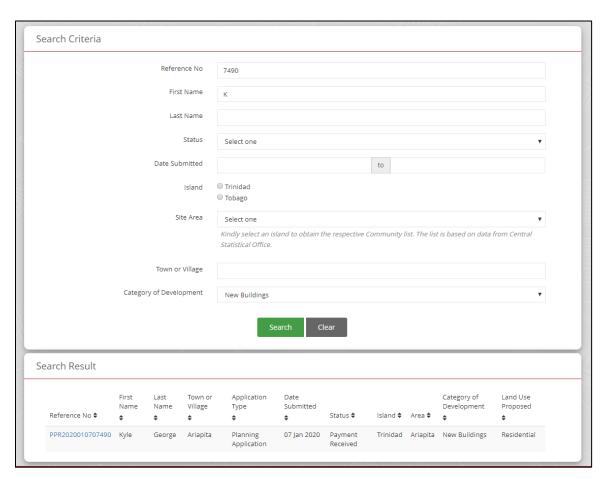


Figure 141: Sample Search with results



- The Clear button allows you to clear the web form by removing the values from all fields by "resetting" the form to its default appearance.
- Any part of an Application Reference Number can be used as a search criterion. E.g. application 'PPR2019090904998' can be found by searching '4998'



### DevelopTT User Guide – Municipal Corporations



#### **ABOUT THE SITE LOCATION**

The Site Location tool function allows applicants to define a "virtual boundary of a plot" around a real-world geographic area. This enables DevelopTT approvers to ascertain the exact location of the site in question. The plotter is also able to plot a site location on the map.

#### Map Icons

Click the 'X' next to Site Location on the left, Layers . Your map will appear with icons on the left and right side as seen in Figure 142 below.



Figure 142 - Site Location

- a) **Site Location tab** As seen in <u>Figure 142</u> above, all maps for DevelopTT approvers would have this tab open by default.
- b) Layers tab There are six (6) layers. You can toggle on and off any of the layers. In Figure 143, Planning (TCPD Planning Regions) layer is on. You can see a legend provided to the top right and the different layers displayed. Click 'X' next to Layers to exit.







Figure 143 - Site Location Layers tab

c) **Search tab** – You can search the map as seen in <u>Figure 144</u> below. Enter the start or the full name of what you want to find and click Enter; the green pin (circled in Figure 144 below) shows the exact location.

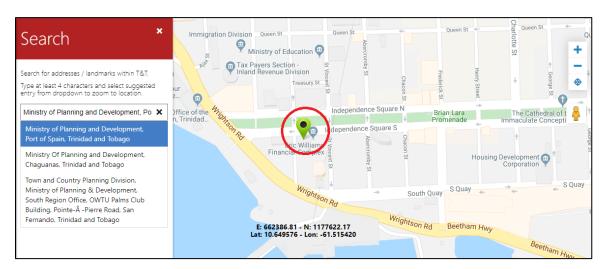


Figure 144-Site Location Search tab

d) **Change map tab** – This feature allows you to see the map in four (4) different ways: Normal, Terrain, Satellite and Hybrid. We have been looking at the map in Normal view mode (see <u>Figure 145</u>).





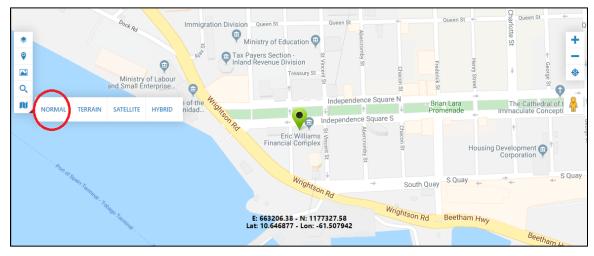


Figure 145 - Site Location Change Map tab



### DevelopTT User Guide – Municipal Corporations



#### HOW TO SCHEDULE AN INSPECTION

#### How to Schedule an Inspection

A DevelopTT approver may desire to carry out an inspection on the site before processing the application. These steps provide details on scheduling an inspection.

#### **GOOD TO KNOW:**



- More than one inspection can be scheduled and performed for a single application.
- An inspection **MUST** be scheduled before going on site with the mobile application. If it is not scheduled, it will not show up on DevelopTT mobile application.

#### STEPS TO SCHEDULE AN INSPECTION

- 1. Click on the reference number to view the application.
- Click 'Next' or go to the Send for Inspection tab. Click the checkbox indicated in the Inspection tab (see Figure 146 Figure 146 below). If no inspection is required, click Next.

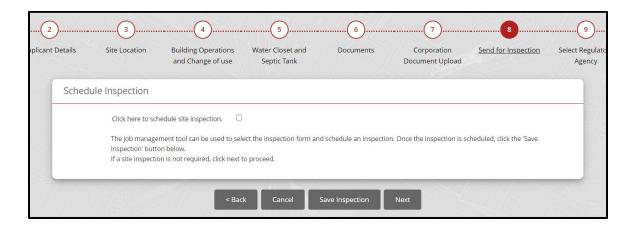


Figure 146 - Schedule Inspection tab

When the approver checks the checkbox in <u>Figure 146</u>, the inspection window pops up to the 'Add Inspection Job' window as seen in <u>Figure 147</u>. The Application Ref. No. would be automatically populated. Agency would always be the relevant code for Corporation, e.g. 'CORP-POS' for Port of Spain City Corporation.





3. Select Job Form Template and Job Report Template from the drop-down list. The previously created job form would show up below; scroll down to view the form (Figure 147).

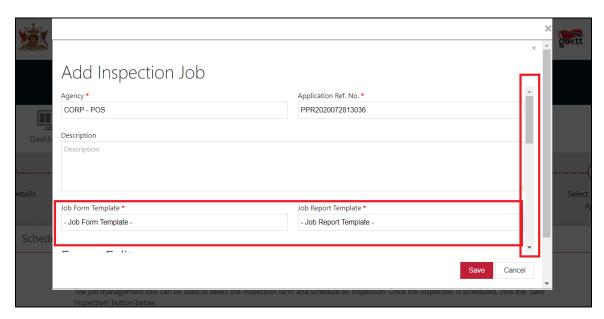


Figure 147: Add an Inspection Job

4. Click 'Save' and the approver will see a success message and be redirected to the Inspection Job window (Figure 148). Scroll down and you would see the table with the job.





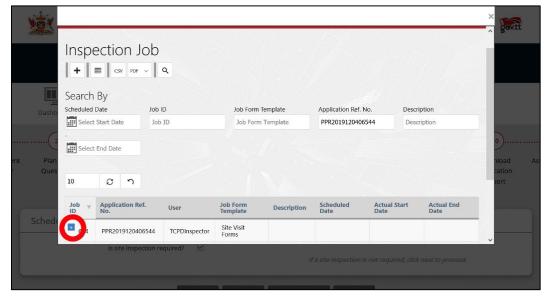


Figure 148: Inspection Job Window

5. Scroll down and you would see the table with the job. Click the cross in the blue box to expand shown in Figure 149 below. Click the edit button to change the job form or report selected. You would be taken back to the Add In-

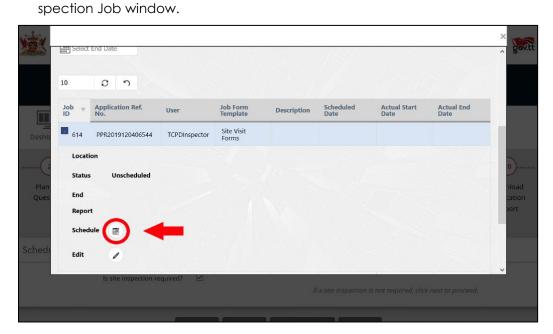


Figure 149: Unscheduled Inspection Job





6. Click the schedule button to schedule the inspection. The Schedule Inspection window would pop up. Click in Specify Date and Time textbox shown in Figure 150 below and choose a date and time for the inspection and click OK.

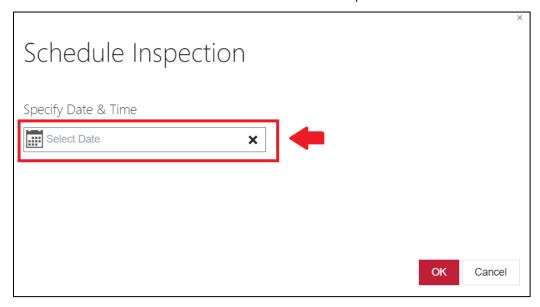


Figure 150: Schedule Inspection Window

You will get a Success message and be redirected to the Inspection Job window where the status of the job would have changed to 'Scheduled' and scheduled inspection date added to table as seen in Figure 151.

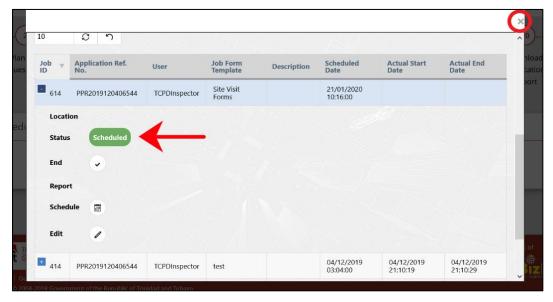


Figure 151: Scheduled Inspection





- 7. Click the button to close the Inspection Job section.
- 8. Click the Submit for Inspection button located at the bottom of the page (see Figure 152). The status of the application will be changed to 'Self Inspection' and the application would be found in the Inspection Scheduled Building Permit section of the Inspector's dashboard.

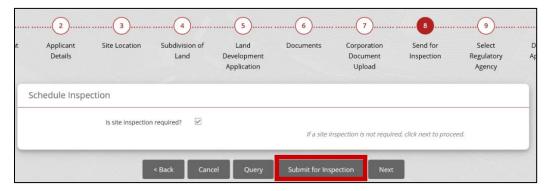


Figure 152: Submit for Inspection button

The approver can now go to the mobile application to carry out the inspection. This would be described in detail in the DevelopTT Mobile Application section.

#### **AFTER THE INSPECTION IS PERFORMED**

After an approver carries out an inspection, he/she is required to save the form. Once the mobile device is connected to the internet, the form would automatically be uploaded to the website and report generated by the system. An approver can view the report in two ways:

#### 1. Schedule Inspection tab

If the approver has carried out the inspection themselves, they would be able to use this option.

- a. Go to the Schedule Inspection tab and click the checkbox.
- b. Navigate to the Inspection Job window as seen in Figure 148 above.
- c. Scroll down to view the list of inspection jobs. You would see an Actual End Date for your completed inspection (Figure 153 below).
- d. Click the cross in the blue box, indicated in <u>Figure 148</u> above, to expand the record. You will notice the status of the job has changed to '**Ended**' and a PDF icon appeared next to Report (<u>Figure 153</u> below)



## DevelopTT User Guide – Municipal Corporations





Figure 153: Inspection Job Status 'Ended'

If the report is in the process of being uploaded, the status will display '**Uploading**' as seen in Figure 154 below.



Figure 154: Inspection Job Status 'Uploading'

e. Click the PDF icon to view the Inspection Job Report. A new webpage will open and your report will be displayed (Figure 156 below).

#### 2. Download Application Report tab

Only DevelopTT approvers that can view inspection reports would be able to view this tab.

- a. Go to Download Application Form Report tab. You will see a list of reports by Job ID (Figure 155 below).
- b. Click on the Job ID and the report will open in PDF format (Figure 156 below).





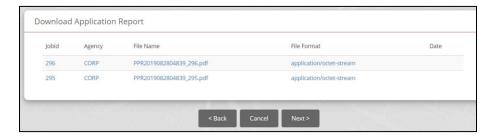


Figure 155: Download Application Report tab



Figure 156: Sample PDF Inspection Report

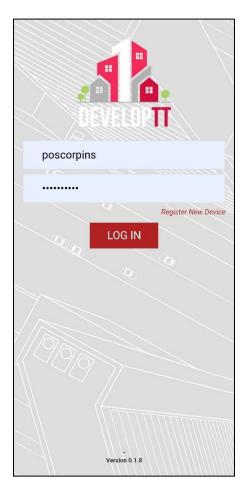


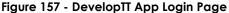


#### **USING DEVELOPTT MOBILE APPLICATION**

The DevelopTT Mobile Application was created to allow reports from site inspections to be uploaded to DevelopTT automatically. Inspection forms and reports are created by an administrator. The inspection on the DevelopTT app can be conducted with or without connection to a network.

1. After successfully scheduling your inspection, open the DevelopTT app on the tablet assigned. The app will open to the Login page as seen in Figure 157.





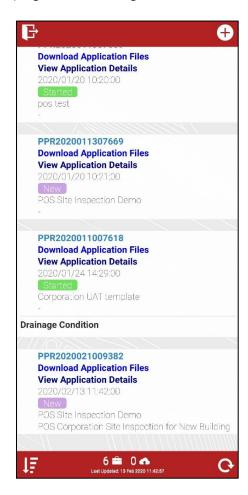


Figure 158 - DevelopTT App dashboard

2. Enter your DevelopTT credentials and click the Log In button. You will be directed to the dashboard which will show a list of all inspections that you have scheduled





(see <u>Figure 158</u> previously). The dashboard would be explained in greater detail below (see <u>Figure 159</u>).



Figure 159 - Dashboard explained

#### From your dashboard, you may

- i. Create an Ad hoc Job from the mobile app (<u>Figure 160</u>). You would be able to select the form template to use from those created by the admin (<u>Figure 161</u>).
- ii. View the personal information of the applicant (Figure 162).
- iii. Change preference from automatic to manual and change the order of inspection jobs (Figure 163).







Figure 160 - Create Ad hoc Job

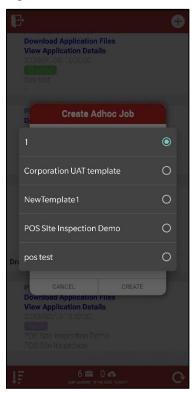


Figure 161 - Select form for Ad hoc Job

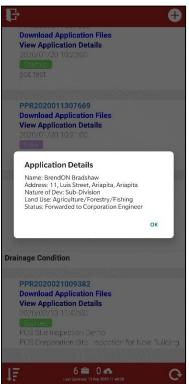


Figure 162 - View Application Details

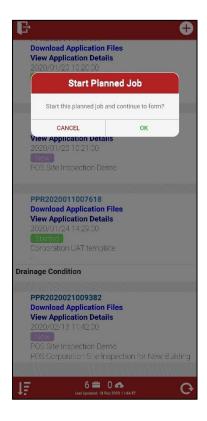


Figure 163 - Sort Preference





3. Click the application number to start the inspection. You will be prompted with a confirmation message seen in <u>Figure 164</u> below. Click '**CANCEL**' to return to the dashboard; click '**OK**' to start inspection.



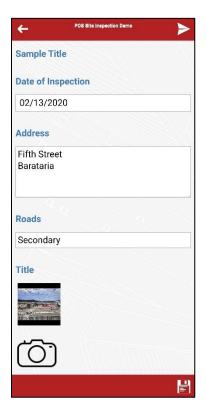


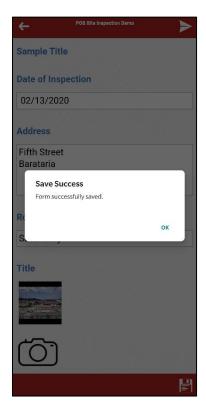
Figure 164 - Start job confirmation message

Figure 165 - Sample inspection form in app

4. Complete the form (seen in Figure 165). You may Save the form by clicking on the save icon whilst filling out the form. If you return to the dashboard by clicking back button before submitting, you will see the status of the job has changed to 'Started' (see Figure 167).







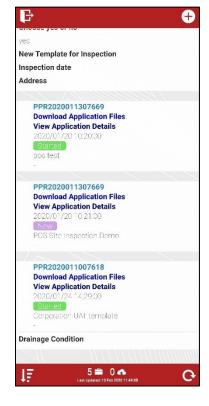


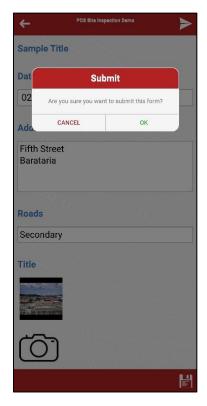
Figure 166 - Successful Save message

Figure 167 - Dashboard with Updated Status

5. Once the form is completed, hit the Submit icon to the top right. You will be prompted with a confirmation message (Figure 168); click **CANCEL** to stay on form; click **OK** to submit form. If you click OK, you will be directed to the dashboard. Your inspection would no longer be on your dashboard however, you would notice that the number of completed inspections to be uploaded has been incremented by 1 (Figure 169).







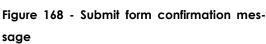




Figure 169 - Updated dashboard (completed inspection removed)

6. Return to the web application to view the report.

Once connected to the internet, the application would automatically upload the report to DevelopTT system and you would be able to access the report from the web application.





#### **PDFTron**

PDFTron contains the following tools to help the user to navigate through the application.

The Left Menu contains the following options explained in detail below (see Figure 17070):

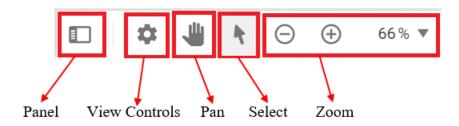


Figure 170 - Menu (left)

#### **Panel** – The Panel displays

- Thumbnails of all pages in the document
- Outlines of all pages in the document
- Notes/ Annotations in the document

#### **View Controls** – The user is presented with tools for

- Page transitions Allows the user to view the PDF document page by page or continuously
- Layout Allows the user to view the document by single pages, double pages or
  just the cover page.
- Rotate Allows the user to rotate counter-clockwise or clockwise

**Pan** – Panning and scrolling are additional ways to view specific areas of the document. If the user decides to work at high magnification levels or with large drawings, the whole drawing may not be seen. Panning and scrolling allow the user to move the page around in the drawing window to view previously hidden areas.

**Select** – The Select tool is designed to select regions from the document to allow the user to work on them.





**Zoom** – These controls allow the user to zoom in to get a closer look or zoom out to see more of the document. With the zoom option, the user can determine the amount of detail they want.

The Right Menu contains the following options explained in detail below (see Figure 1711):

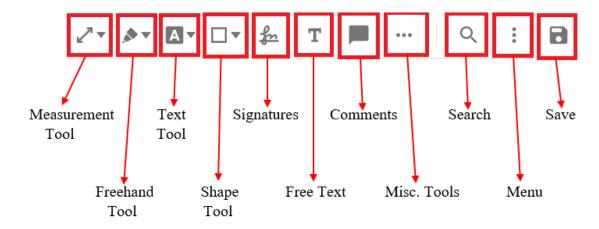


Figure 171 - Menu (right)

**Measurement Tool –** This tool gives the user the ability to measure distance, trace a perimeter or calculate the area. It enables accurate measurement with snap-to-point and adjusts the scale of measurement to meet drawing specs. Opacity, thickness, scale and precision can be selected by the user.

- Opacity There is a scale that allows the user to choose the opacity level. Opacity
  is measured by percentage.
- Thickness There is a scale that allows the user to choose the thickness of the lines.
- Scale There are two scales within the tool. The first scale is to scaled to document size. This gives options to measure in inches, millimetres, centimetres and points. The second scale is scaled to lifesize scale. This gives options to measure in inches, millimetres, centimetres, points, feet, metres, yards, kilometres and miles. The user can select any of these option and enter the figure.
- Precision The user can select how precise the scale should be. It can be precise to 0.1, 0.01, 0.001 or 0.0001.





**Freehand Tool –** This tool allows the user to draw freely on the document in a number of colours. A number of different colours, thickness and different percentage of opacity can be chosen.

**Text Tool –** This tool allows the user to highlight, underline or place a strikethrough any text on the document. A number of different colours and different percentage of opacity can be chosen.

**Shape Tool –** This tool allows the user to draw various shapes on the document. Opacity and thickness can be selected by the user.

**Signatures –** This tool allows the user to create and save signatures. These signatures can be selected and placed anywhere on the document.

**Free Text -** This tool allows you to add text to the document. Opacity, thickness, text size can be selected by the user.

**Comments –** This tool allows a user to create an annotation on the document.

**Misc. Tools -** This tool enables the user to add a callout or stamp (as image) to the document.

**Search –** This tool allows the user to search for words in the document.

**Menu -** This tool gives the user options for Full Screen, Download and Print.

**Save –** The user can Save the document after annotiations have been completed. The user can click Stay button to remain on page or Close button to save annotations and close page.





#### **POSSIBLE ERRORS**

There are a few errors that you may get while using DevelopTT. These errors and their fixes would be listed below.

• Missing Information error – Certain fields within the application form are mandatory. If a user attempts to forward the application without filling out all mandatory fields, they will receive an error message. An example is seen in Figure 172 below.

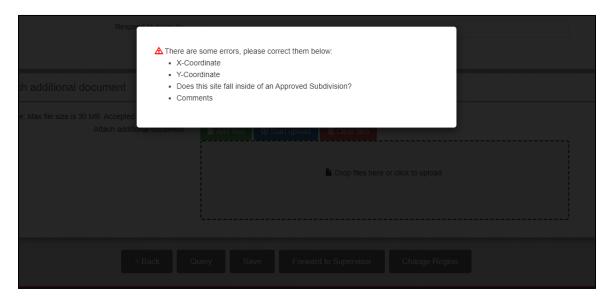


Figure 172 - Missing Information error

In this example, the plotter is attempting to forward the application to the supervisor but has not filled out the mandatory Site Location information. The error message lists the fields that are missing.

Solution: Click on the field to be taken to the tab with the field and fill out it.

Server Error 401 - A user may get this error if, after leaving DevelopTT idle for an extended time, they are logged out of the system (session timeout – explained below) and attempt to complete a function without login. An example is shown in Figure 173.





Server Error: 401. Error: "Access Denied, due to no privilege". Please contact the system administrator.

Figure 173 - Server Error 401

**Solution:** Refresh the webpage. After this is done, you will be taken to the Homepage to log in.

• Session Timeout - A session is created when a user logs in to DevelopTT. Each session is given a specific ID and a session ends when the user logs out. If a user remains idle on DevelopTT for an extended period, the system can end a user's session. Users would be given notifications when the system is going to end a session (session timeout, see Figure 174).

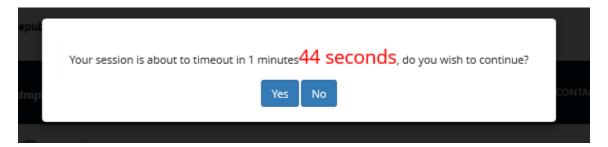


Figure 174 - Session Timeout

Session Timeout prompt will be shown after 60 minutes of inactivity. Idleness can be interrupted by simply clicking a button on the website. The countdown timer would start from 10 minutes 0 seconds. Click **Yes** to return to the website logged in; click **No** to log out. When the system ends the session, the webpage would be redirected to the homepage.

Server Error 500 – This error is presented when the server faces an unexpected condition that prevents it from fulfilling a request (example shown in <u>Figure 175</u>).





Server Error: 500. Error: Internal Server Error. Please contact the system administrator.

Figure 175 - Server Error 500

**Solution:** There are a few steps to follow with this error. Follow the steps in the order given below. Perform one step and attempt to process your application to see if issue is solved.

- i. Reload the webpage.
- ii. Clean your cache.
- iii. Clear browser cookies.
- iv. Restart the browser.
- v. Contact your system administrator.