



URBAN DEVELOPMENT ONLINE
INFRASTRUCTURE TAB

2

REFERENCE GUIDE

2013 February 11th

Version 1.02

Document Information

Document Revision History

Version	Description	Date	Author
Version 1.00	Began draft	January 28 th	Carolyn Anscombe
Version 1.01	Added content	January 30 th	Carolyn Anscombe
Version 1.02	Review and Complete Draft	Febraury 8 th ,	Carolyn Anscombe Deb Meili Brent Kromm Michael Ficaccio

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Disclaimer: The building of this training material required the use of existing Subdivision Application and Construction Drawing information provided to the City of Calgary. You may notice slight inconsistencies throughout the training material. The information used is for demonstration purposes only. These variances are not to deter from the intended content.

Introduction

Document purpose

This Urban Development Online (UDO) Quick Reference Guide is to be used by Developers and/or their Consulting Engineers and will provide the steps to complete the actions on the **Infrastructure Tab** of the Urban Development online Development Application.

Infrastructure Tab Page Quick Reference Sheet

Tombstone Information:

ASSISTED APPLICANT (EPLANS) STAGING VERSION
 URBAN DEVELOPMENT ONLINE
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Development Agreement Request

Agreement Request Requirements
 Request Number: REQ2013-0026
 Request Type: Development Agreement
 Request Date: Jan 14, 2013
 Request Status: New

Developer of Record: QUALICO DEVELOPMENTS WEST LTD.
 Developer Tier: Tier 3
 Master Agmt. Type: Residential
 Subdivision Name: EVANSTON, PHASE 19

Status
 MDA:
 IIA:
 SC:
 SCA:

1. Infrastructure Components

Estimated Infrastructure Costs for Tier 3 Developer

Enter Estimated Cost values for the following predefined infrastructure components.
 a. Click the Applies checkbox for each Infrastructure Component required for this agreement.
 b. To edit cost estimates and recoveries, click the Details link for that Infrastructure Component.
 c. Click the Add Infrastructure Component button to add miscellaneous infrastructure information not all.

Applies	Infrastructure Component	Deposit	Repayment	Oversize	Bndry/City	Construction Insp
<input type="checkbox"/>	Boulevard and Traffic Island...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Contingency					<input checked="" type="checkbox"/>
<input type="checkbox"/>	ER Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Electric Power					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Engineering Design & Construction					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Erosion & Sediment Control					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Fencing					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MSR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance - Rehabilitation of...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance on Proposed...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Paved Roads & Walkways					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Pre-Installed shallow utility...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Public Utility Lot					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Retaining Walls (constructed by...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sanitary Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sewer & Water Service Connections					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sidewalks, Curbs & Gutters					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Signage					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Soil Testing					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Storm Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Storm Water Management Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Street Lighting					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Stripping & Rough Grading					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Surface Drainage Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Utility Relocations					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Water Mains					<input checked="" type="checkbox"/>
	TOTALS:					<input checked="" type="checkbox"/>

2. Estimated Security

For a Tier 3 developer, the infrastructure cost totals are included for information only.

Estimated security based on deposits:
 Estimated security based on repayments:
 Cost estimate for predefined infrastructure components:
 Multiplied by tier rating factor for Tier 3

Estimated security based on infrastructure components:	\$0.00	\$0.00
Estimated security total for this page:		\$0.00

NOTE: Your performance security for this request is based only in part on the infrastructure estimates. Please continue with this request and review your total performance security on the Submit page. The City of Calgary requires a minimum of \$150,000 to secure infrastructure costs.

3. Outstanding Detail Issues are Highlighted in Red.

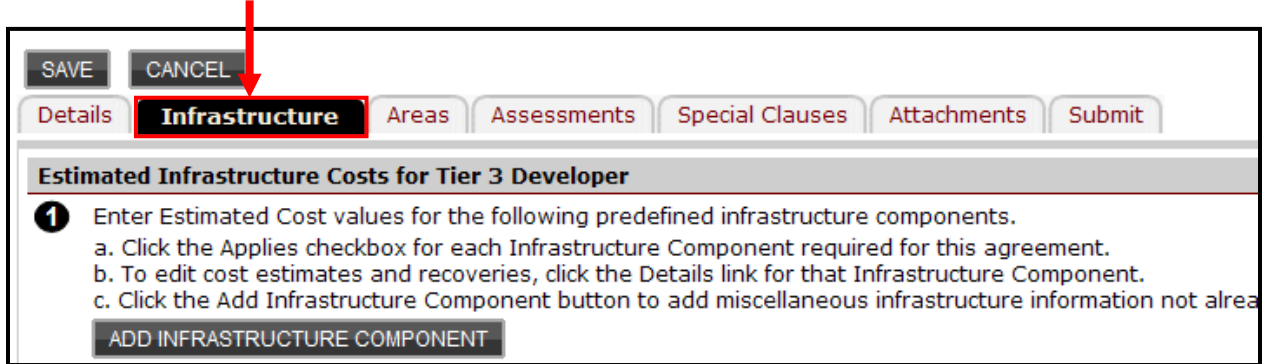
Outstanding Infrastructure Issues

There are any outstanding issues listed below, they must be resolved prior to submission.

As noted on Infrastructure step 1a, please select "Applies" for any/all infrastructure components that apply (At least one must be selected).

Infrastructure Components

Click the **Infrastructure Tab** to access the Infrastructure page.



Review the **Infrastructure Components** for items that will apply to the subdivision for the Development Approval application.

Note: Infrastructure Components that might require a **Construction Inspection** are currently checked off.

The screenshot shows the 'Infrastructure' tab selected in a navigation bar. Below the navigation bar, there is a section titled 'Estimated Infrastructure Costs for Tier 1 Developer'. It contains instructions: 'Enter Estimated Cost values for the following predefined infrastructure components. a. Click the Applies checkbox for each Infrastructure Component required for this agreement. b. To edit cost estimates and recoveries, click the Details link for that Infrastructure Component. c. Click the Add Infrastructure Component button to add miscellaneous infrastructure information not already in the list.' An 'ADD INFRASTRUCTURE COMPONENT' button is visible above the table. A table lists various infrastructure components with checkboxes for 'Applies' and 'Construction Insp'.

Applies	Infrastructure Component	Deposit	Repayment	Oversize	Bndry/City	Construction Insp
<input type="checkbox"/>	Boulevard and Traffic Island...					<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Contingency					<input type="checkbox"/>
<input type="checkbox"/>	ER Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Electric Power					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Engineering Design & Construction					<input type="checkbox"/>
<input type="checkbox"/>	Erosion & Sediment Control					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Fencing					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MSR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance - Rehabilitation of...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance on Proposed...					<input type="checkbox"/>
<input type="checkbox"/>	Paved Roads & Walkways					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Pre-Installed shallow utility...					<input type="checkbox"/>
<input type="checkbox"/>	Public Utility Lot					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Retaining Walls (constructed by...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sanitary Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sewer & Water Service Connections					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sidewalks, Curbs & Gutters					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Signage					<input type="checkbox"/>
<input type="checkbox"/>	Soil Testing					<input type="checkbox"/>
<input type="checkbox"/>	Storm Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Storm Water Management Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Street Lighting					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Stripping & Rough Grading					<input type="checkbox"/>
<input type="checkbox"/>	Surface Drainage Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Utility Relocations					<input type="checkbox"/>
<input type="checkbox"/>	Water Mains					<input checked="" type="checkbox"/>
TOTALS:						

Check off the check off box and click **Details** for any items that are required for the Development Application on the Infrastructure Component list.

The **Paved Roads and Walkways Infrastructure Component** will be shown in this example.

Estimated Infrastructure Costs for Tier 3 Developer

1 Enter Estimated Cost values for the following predefined infrastructure components.
 a. Click the Applies checkbox for each Infrastructure Component required for this agreement.
 b. To edit cost estimates and recoveries, click the Details link for that Infrastructure Component.
 c. Click the Add Infrastructure Component button to add miscellaneous infrastructure information not already in the list.

ADD INFRASTRUCTURE COMPONENT

Applies	Infrastructure Component	Deposit	Repayment	Oversize	Bndry/City	Construction Insp
<input type="checkbox"/>	Boulevard and Traffic Island...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Contingency					<input type="checkbox"/>
<input type="checkbox"/>	ER Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Electric Power					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Engineering Design & Construction					<input type="checkbox"/>
<input type="checkbox"/>	Erosion & Sediment Control					<input type="checkbox"/>
<input type="checkbox"/>	Fencing					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MSR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance - Rehabilitation of...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance on Proposed...					<input type="checkbox"/>
<input checked="" type="checkbox"/>	Details Paved Roads & Walkways					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Pre-Installed shallow utility...					<input type="checkbox"/>
<input type="checkbox"/>	Public Utility Lot					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Retaining Walls (constructed by...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sanitary Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sewer & Water Service Connections					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sidewalks, Curbs & Gutters					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Signage					<input type="checkbox"/>
<input type="checkbox"/>	Soil Testing					<input type="checkbox"/>
<input type="checkbox"/>	Storm Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Storm Water Management Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Street Lighting					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Stripping & Rough Grading					<input type="checkbox"/>
<input type="checkbox"/>	Surface Drainage Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Utility Relocations					<input type="checkbox"/>
<input type="checkbox"/>	Water Mains					<input checked="" type="checkbox"/>
TOTALS:						

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.
 Inspection Required:
 a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.
 b. To add cost or recovery estimates, click the appropriate button.
 c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY DEPOSIT REPAYMENT

Cost Type Estimated Cost

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to sub
Please enter a construction cost, and any other applicable cost items

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

A pop up window showing the **Details** for Paved Roads & Walkways will open.

Paved Roads & Walkways Details Window

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.

Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.

b. To add cost or recovery estimates, click the appropriate button.

c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY DEPOSIT REPAYMENT

Cost Type Estimated Cost

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to sub

Please enter a construction cost, and any other applicable cost items

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Construction Cost – The total cost to construct paved roads & walkways.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.

Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.

b. To add cost or recovery estimates, click the appropriate button.

c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY DEPOSIT REPAYMENT

Cost Type Estimated Cost

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to sub

Please enter a construction cost, and any other applicable cost items

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Oversize – The total cost of oversize for paved roads & walkways (if applicable).

Note: Requires supporting documentation.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.
 Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.
 b. To add cost or recovery estimates, click the appropriate button.
 c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE **BOUNDARY** DEPOSIT REPAYMENT

Cost Type Estimated Cost

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to sub
 Please enter a construction cost, and any other applicable cost items

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Boundary – The total cost of the boundary for paved roads & walkways (if applicable).

Note: Requires supporting documentation.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.
 Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.
 b. To add cost or recovery estimates, click the appropriate button.
 c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY **DEPOSIT** REPAYMENT

Cost Type Estimated Cost

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to sub
 Please enter a construction cost, and any other applicable cost items

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Deposit– The total cost for any future / deferred paved roads & walkways (if applicable).

Note: Requires supporting documentation.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.
 Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.
 b. To add cost or recovery estimates, click the appropriate button.
 c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY DEPOSIT **REPAYMENT**

Cost Type Estimated Cost

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to sub
 Please enter a construction cost, and any other applicable cost items

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Repayment – The total amount of money owed to the City for paved roads & walkways (if applicable)

Note: Requires supporting documentation.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.
 Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.
 b. To add cost or recovery estimates, click the appropriate button.
 c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY DEPOSIT REPAYMENT

Cost Type Estimated Cost

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to sub
 Please enter a construction cost, and any other applicable cost items

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Select the **CONSTRUCTION COST** button to open the **Construction Cost** window.

SAVE
SAVE AND CLOSE
CANCEL

Infrastructure Component - Cost Estimate

1 Enter or confirm the Cost Type and Estimated Cost for this infrastructure component.
 Infrastructure Type: Paved Roads & Walkways
 Cost Type: Construction Cost
 Estimated Cost: \$

2 Add any comments required to account for or document this cost estimate.

Special Information

3 To attach supporting documentation for this cost estimate, click the Attach File button. Please note that the maximum acceptable file size is 10 MB.

ATTACH FILE

File Name	Description
Open Altafacts - Alb Registries.doc	Construction Cost

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE
SAVE AND CLOSE
CANCEL

Fill in the estimated Construction cost for the Paved Roads & Walkways **Infrastructure Type**.

Type in any relevant **Comments** require to account for the cost estimate.

Click the **ATTACH FILE** button to attach supporting documentation to show the cost calculation for the cost estimate.

Document Upload

Fill in filename (including path) and then click [Upload] to send.

Remember that uploads are only accepted for files with extensions of: .pdf, .dwg, .doc, .docx, .xls, .xlsx, .jpg, .jpeg, .msg, or .txt

*File Name: Browse...

Upload

* An asterisk indicates a required field.

Click the **Upload** button to upload the file. File extensions accepted are; .pdf, .dwg, .doc, .docx, .xls, .xlsx, .jpg, .jpeg, msg or .txt.

Note: The maximum file size is 10 MB.

SAVE SAVE AND CLOSE CANCEL

Infrastructure Component - Cost Estimate

1 Enter or confirm the Cost Type and Estimated Cost for this infrastructure component.
 Infrastructure Type: Paved Roads & Walkways
 Cost Type: Construction Cost
 Estimated Cost: \$ 500,000.00

2 Add any comments required to account for or document this cost estimate.
 Special Information

3 To attach supporting documentation for this cost estimate, click the Attach File button.
 Please note that the maximum acceptable file size is 10 MB.
 ATTACH FILE

File Name	Description
Open Altafacts - Alb Registries.doc	Construction Cost

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Click **Save and Close** when finished.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.
 Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.
 b. To add cost or recovery estimates, click the appropriate button.
 c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY DEPOSIT REPAYMENT

Cost Type	Estimated Cost
Details <input type="checkbox"/> Construction Cost	\$500,000.00

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to submission.
 [None]

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

The **Construction Cost** now appears in the Paved Roads & Walkways Details window.

Note: The grey out box indicates there are notes or an attachment included.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.
 Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.
 b. To add cost or recovery estimates, click the appropriate button.
 c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY DEPOSIT REPAYMENT

Cost Type Estimated Cost

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to sub
 Please enter a construction cost, and any other applicable cost items

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Repeat the same steps for **OverSize, Boundary, Repayment and Deposits** (if applicable) .

Click **Save and Close** when all cost and recovery estimates for the Paved Roads & Walkways Infrastructure Types have been added.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways Details

1 Add cost and recovery estimate records for this infrastructure type.
 Inspection Required:

a. For each applicable infrastructure component, enter at least a Construction Cost, or a Deposit amount, or a Repayment amount.
 b. To add cost or recovery estimates, click the appropriate button.
 c. Click the Details link to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY DEPOSIT REPAYMENT

Cost Type	Estimated Cost	
Details <input type="checkbox"/> Construction Cost	\$500,000.00	X
Details <input type="checkbox"/> Boundary	\$123,456.00	X
Details <input type="checkbox"/> Deposit	\$25,000.00	X
Details <input type="checkbox"/> Oversize	\$5,000.00	X
Details <input type="checkbox"/> Repayment	\$50,000.00	X

Outstanding Infrastructure Issues

2 If there are any outstanding infrastructure issues listed below, they must be resolved prior to submission.
 [None]

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Paved Roads & Walkways window showing **Construction, Boundary, Deposits, Oversize and Repayments** when saved.

Infrastructure Tab Page showing the estimated cost values for the predefined Paved Roads & Walkways infrastructure component.

ASSISTED APPLICANT (EPLANS) STAGING VERSION

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Development Agreement Request

Agreement Request Requirements

Request Number: REQ2013-0026	Developer of Record: QUALICO DEVELOPMENTS WEST LTD.	Status
Request Type: Development Agreement	Developer Tier: Tier 3	MDA:
Request Date: Jan 14, 2013	Master Agrmt. Type: Residential	IJA:
Request Status: New	Subdivision Name: EVANSTON, PHASE 19	SC:
		SCA:

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Estimated Infrastructure Costs for Tier 3 Developer

1 Enter Estimated Cost values for the following predefined infrastructure components.

a. Click the Applies checkbox for each Infrastructure Component required for this agreement.

b. To edit cost estimates and recoveries, click the Details link for that Infrastructure Component.

c. Click the Add Infrastructure Component button to add miscellaneous infrastructure information not already in the list.

Applies	Infrastructure Component	Deposit	Repayment	Oversize	Bndry/City	Construction Insp
<input type="checkbox"/>	Boulevard and Traffic Island...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Contingency					<input type="checkbox"/>
<input type="checkbox"/>	ER Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Electric Power					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Engineering Design & Construction					<input type="checkbox"/>
<input type="checkbox"/>	Erosion & Sediment Control					<input type="checkbox"/>
<input type="checkbox"/>	Fencing					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MSR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance - Rehabilitation of...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance on Proposed...					<input type="checkbox"/>
<input checked="" type="checkbox"/>	Details Paved Roads & Walkways	\$25,000.00	\$50,000.00	\$5,000.00	\$123,456.00	\$500,000.00 <input checked="" type="checkbox"/>
<input type="checkbox"/>	Pre-Installed shallow utility...					<input type="checkbox"/>
<input type="checkbox"/>	Public Utility Lot					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Retaining Walls (constructed by...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sanitary Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sewer & Water Service Connections					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sidewalks, Curbs & Gutters					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Signage					<input type="checkbox"/>
<input type="checkbox"/>	Soil Testing					<input type="checkbox"/>
<input type="checkbox"/>	Storm Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Storm Water Management Facilities					<input checked="" type="checkbox"/>
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<input type="checkbox"/>	Surface Drainage Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Utility Relocations					<input type="checkbox"/>
<input type="checkbox"/>	Water Mains					<input checked="" type="checkbox"/>
	TOTALS:	\$25,000.00	\$50,000.00	\$5,000.00	\$123,456.00	\$500,000.00

Estimated Security

2 For a Tier 3 developer, the infrastructure cost totals are included for information only.

Estimated security based on deposits:	\$25,000.00
Estimated security based on repayments:	\$50,000.00
Cost estimate for predefined infrastructure components:	\$500,000.00
Multiplied by tier rating factor for Tier 3	0%
Estimated security based on infrastructure components:	\$0.00
Estimated security total for this page:	\$75,000.00

NOTE: Your performance security for this request is based only in part on the infrastructure estimates. Please continue with this request and review your total performance security on the Submit page. The City of Calgary requires a minimum of \$150,000 to secure infrastructure costs.

Outstanding Infrastructure Issues

3 If there are any outstanding issues listed below, they must be resolved prior to submission.

[None]

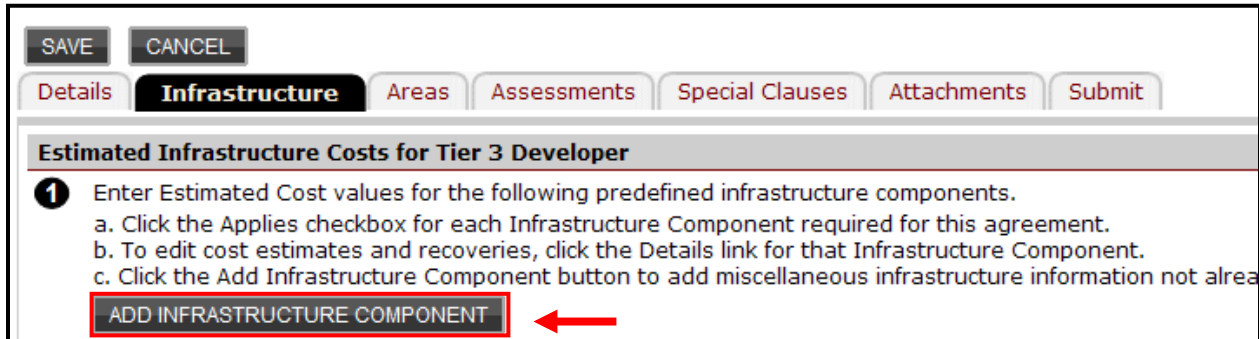
Screen ID: 2892477

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If there is an item that is not on the predefined infrastructure component list click the

ADD INFRASTRUCTURE COMPONENT button.



Enter a description for the **Infrastructure Component**.

SAVE SAVE AND CLOSE CANCEL

Miscellaneous Infrastructure Component Details

1 Enter the infrastructure component description.
Description: Concrete Work

ADD COST ITEM ←

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Click the **ADD COST ITEM** button.

SAVE SAVE AND CLOSE CANCEL

Miscellaneous Infrastructure Component Details

1 Enter the infrastructure component description.
Description: Concrete Work

2 Add cost estimate records for this infrastructure type.
Inspection Required: ←

a. A Construction Cost estimate is required for all infrastructure components.
b. To add cost or recovery estimates, click the appropriate button.
c. Click Details or Attach File to add supporting documentation for each estimate.

CONSTRUCTION COST	OVERSIZE	BOUNDARY	FENCING	DEPOSIT	REPAYMENT
Cost Type			Estimated Cost		

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

If an **Inspection** is required check the check off box.

SAVE SAVE AND CLOSE CANCEL

Infrastructure Component - Cost Estimate

1 Enter or confirm the Cost Type and Estimated Cost for this infrastructure component.
 Infrastructure Type: Concrete Work
 Cost Type: Construction Cost
 Estimated Cost: \$ 25,000.00

2 Add any comments required to account for or document this cost estimate.
 Driveways

3 To attach supporting documentation for this cost estimate, click the Attach File button.
 Please note that the maximum acceptable file size is 10 MB.

ATTACH FILE

File Name	Description
Open 2013-819 Est letter.doc	

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

Fill in the **Infrastructure Component Cost Estimate** for the infrastructure type.

Type in any relevant comments required to account for the cost estimate.

Click the **ATTACH FILE** button to attach supporting documentation to show the cost calculation for the cost estimate.

SAVE SAVE AND CLOSE CANCEL

Infrastructure Component - Cost Estimate

1 Enter or confirm the Cost Type and Estimated Cost for this infrastructure component.
 Infrastructure Type: Concrete Work
 Cost Type: Construction Cost
 Estimated Cost: \$ 25,000.00

2 Add any comments required to account for or document this cost estimate.
 Driveways

3 To attach supporting documentation for this cost estimate, click the Attach File button.
 Please note that the maximum acceptable file size is 10 MB.

ATTACH FILE

File Name	Description
Open 2013-819 Est letter.doc	

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE **SAVE AND CLOSE** CANCEL

Click **Save and Close** when finished.

SAVE SAVE AND CLOSE CANCEL

Miscellaneous Infrastructure Component Details

1 Enter the infrastructure component description.
Description: Concrete Work

2 Add cost estimate records for this infrastructure type.
Inspection Required:

a. A Construction Cost estimate is required for all infrastructure components.
b. To add cost or recovery estimates, click the appropriate button.
c. Click Details or Attach File to add supporting documentation for each estimate.

CONSTRUCTION COST OVERSIZE BOUNDARY FENCING DEPOSIT REPAYMENT

Cost Type	Estimated Cost
Details <input type="checkbox"/> Construction Cost	\$25,000.00 <input type="checkbox"/>

To update your changes on the parent screen, please use the "Save and Close" button.

SAVE SAVE AND CLOSE CANCEL

The **Construction Cost** now appears in the Paved Roads & Walkways Details window.

Note: The grey out box indicates there are notes or an attachment included.

Infrastructure Tab Page showing the estimated cost values for the added infrastructure component.

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Development Agreement Request

Agreement Request Requirements

Request Number: REQ2013-0026	Developer of Record: QUALICO DEVELOPMENTS WEST LTD.	Status
Request Type: Development Agreement	Developer Tier: Tier 3	MDA:
Request Date: Jan 14, 2013	Master Agrmt. Type: Residential	IIA:
Request Status: New	Subdivision Name: EVANSTON, PHASE 19	SC:
		SCA:

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Attachments

Estimated Infrastructure Costs for Tier 3 Developer

1 Enter Estimated Cost values for the following predefined infrastructure components.

a. Click the Applies checkbox for each Infrastructure Component required for this agreement.

b. To edit cost estimates and recoveries, click the Details link for that Infrastructure Component.

c. Click the Add Infrastructure Component button to add miscellaneous infrastructure information not already in the list.

ADD INFRASTRUCTURE COMPONENT

Applies	Infrastructure Component	Deposit	Repayment	Oversize	Bndry/City	Construction Insp
<input type="checkbox"/>	Boulevard and Traffic Island...					<input type="checkbox"/>
<input checked="" type="checkbox"/>	Details Concrete Work					\$25,000.00 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<input type="checkbox"/>	Contingency					<input type="checkbox"/>
<input type="checkbox"/>	ER Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Electric Power					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Engineering Design & Construction					<input type="checkbox"/>
<input type="checkbox"/>	Erosion & Sediment Control					<input type="checkbox"/>
<input type="checkbox"/>	Fencing					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MSR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance - Rehabilitation of...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance on Proposed...					<input type="checkbox"/>
<input checked="" type="checkbox"/>	Details Paved Roads & Walkways	\$25,000.00	\$50,000.00	\$5,000.00	\$123,456.00	\$500,000.00 <input checked="" type="checkbox"/>
<input type="checkbox"/>	Pre-Installed shallow utility...					<input type="checkbox"/>
<input type="checkbox"/>	Public Utility Lot					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Retaining Walls (constructed by...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sanitary Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sewer & Water Service Connections					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sidewalks, Curbs & Gutters					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Signage					<input type="checkbox"/>
<input type="checkbox"/>	Soil Testing					<input type="checkbox"/>
<input type="checkbox"/>	Storm Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Storm Water Management Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Street Lighting					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Stripping & Rough Grading					<input type="checkbox"/>
<input type="checkbox"/>	Surface Drainage Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Utility Relocations					<input type="checkbox"/>
<input type="checkbox"/>	Water Mains					<input checked="" type="checkbox"/>
	TOTALS:	\$25,000.00	\$50,000.00	\$5,000.00	\$123,456.00	\$525,000.00

Estimated Security

2 For a Tier 3 developer, the infrastructure cost totals are included for information only.

Estimated security based on deposits:	\$25,000.00
Estimated security based on repayments:	\$50,000.00
Cost estimate for predefined infrastructure components:	\$500,000.00
Multiplied by tier rating factor for Tier 3	0%
Estimated security based on infrastructure components:	\$0.00
Estimated security total for this page:	\$75,000.00

NOTE: Your performance security for this request is based only in part on the infrastructure estimates. Please continue with this request and review your total performance security on the Submit page. The City of Calgary requires a minimum of \$150,000 to secure infrastructure costs.

Outstanding Infrastructure Issues

3 If there are any outstanding issues listed below, they must be resolved prior to submission.

[None]

Screen ID: 2392477

Note: If you uncheck the **Applies** Box the information related to the infrastructure component will be deleted from the application.

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Development Agreement Request

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Request Number: REQ2013-0026	Developer of Record: QUALICO DEVELOPMENTS WEST LTD.	Status
Request Type: Development Agreement	Developer Tier: Tier 3	MDA:
Request Date: Jan 14, 2013	Master Agmt. Type: Residential	IIA:
Request Status: New	Subdivision Name: EVANSTON, PHASE 19	SC:
		SCA:

SAVE CANCEL

Details **Infrastructure** Areas Assessments Special Clauses Attachments Submit

Estimated Infrastructure Costs for Tier 3 Developer

1 Enter Estimated Cost values for the following predefined infrastructure components.

a. Click the Applies checkbox for each Infrastructure Component required for this agreement.

b. To edit cost estimates and recoveries, click the Details link for that Infrastructure Component.

c. Click the Add Infrastructure Component button to add miscellaneous infrastructure information not already in the list.

ADD INFRASTRUCTURE COMPONENT

Applies	Infrastructure Component	Deposit	Repayment	Oversize	Bndry/City	Construction Insp
<input type="checkbox"/>	Boulevard and Traffic Island...					<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Details Concrete Work					\$25,000.00 <input checked="" type="checkbox"/>
<input type="checkbox"/>	Contingency					<input type="checkbox"/>
<input type="checkbox"/>	ER Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Electric Power					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Engineering Design & Construction					<input type="checkbox"/>
<input type="checkbox"/>	Erosion & Sediment Control					<input type="checkbox"/>
<input type="checkbox"/>	Fencing					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MSR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance - Rehabilitation of...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Maintenance on Proposed...					<input type="checkbox"/>
<input checked="" type="checkbox"/>	Details Paved Roads & Walkways	\$25,000.00	\$50,000.00	\$5,000.00	\$123,456.00	\$500,000.00 <input checked="" type="checkbox"/>
<input type="checkbox"/>	Pre-Installed shallow utility...					<input type="checkbox"/>
<input type="checkbox"/>	Public Utility Lot					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Retaining Walls (constructed by...					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sanitary Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sewer & Water Service Connections					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Sidewalks, Curbs & Gutters					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Signage					<input type="checkbox"/>
<input type="checkbox"/>	Soil Testing					<input type="checkbox"/>
<input type="checkbox"/>	Storm Sewers					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Storm Water Management Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Street Lighting					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Stripping & Rough Grading					<input type="checkbox"/>
<input type="checkbox"/>	Surface Drainage Facilities					<input checked="" type="checkbox"/>
<input type="checkbox"/>	Utility Relocations					<input type="checkbox"/>
<input type="checkbox"/>	Water Mains					<input checked="" type="checkbox"/>
	TOTALS:	\$25,000.00	\$50,000.00	\$5,000.00	\$123,456.00	\$525,000.00

Estimated Security

2 For a Tier 3 developer, the infrastructure cost totals are included for information only.

Estimated security based on deposits:	\$25,000.00	
Estimated security based on repayments:	\$50,000.00	
Cost estimate for predefined infrastructure components:	\$500,000.00	
Multiplied by tier rating factor for Tier 3	0%	
Estimated security based on infrastructure components:	\$0.00	\$0.00
Estimated security total for this page:		\$75,000.00

NOTE: Your performance security for this request is based only in part on the infrastructure estimates. Please continue with this request and review your total performance security on the Submit page. The City of Calgary requires a minimum of \$150,000 to secure infrastructure costs.

Outstanding Infrastructure Issues

3 If there are any outstanding issues listed below, they must be resolved prior to submission.

[None]

SAVE CANCEL

Screen ID: 2692477

Estimated Security

The **Estimated Security** is for Infrastructure Components / Construction information only. This is not the final performance security for the Development Application.

The summary of the required performance security is on the **Submit Tab**.

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Development Agreement Request

Agreement Request Requirements

Request Number: REQ2013-0026	Developer of Record: QUALICO DEVELOPMENTS WEST LTD.	Status
Request Type: Development Agreement	Developer Tier: Tier 3	MDA:
Request Date: Jan 14, 2013	Master Agmt. Type: Residential	IIA:
Request Status: New	Subdivision Name: EVANSTON, PHASE 19	SC:
		SCA:

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Estimated Infrastructure Costs for Tier 3 Developer

1 Enter Estimated Cost values for the following predefined infrastructure components.

a. Click the Applies checkbox for each Infrastructure Component required for this agreement.

b. To edit cost estimates and recoveries, click the Details link for that Infrastructure Component.

c. Click the Add Infrastructure Component button to add miscellaneous infrastructure information not already in the list.

ADD INFRASTRUCTURE COMPONENT

Applies	Infrastructure Component	Deposit	Repayment	Oversize	Bndry/City	Construction Insp
<input type="checkbox"/>	Boulevard and Traffic Island...					<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Details Concrete Work					\$25,000.00 <input checked="" type="checkbox"/>
<input type="checkbox"/>	Contingency					<input type="checkbox"/>
<input type="checkbox"/>	ER Landscaping					<input checked="" type="checkbox"/>
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<input type="checkbox"/>	Erosion & Sediment Control					<input type="checkbox"/>
<input type="checkbox"/>	Fencing					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MR Landscaping					<input checked="" type="checkbox"/>
<input type="checkbox"/>	MSR Landscaping					<input checked="" type="checkbox"/>
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<input type="checkbox"/>	Maintenance on Proposed...					<input type="checkbox"/>
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TOTALS:		\$25,000.00	\$50,000.00	\$5,000.00	\$123,456.00	\$525,000.00

Estimated Security

2 For a Tier 3 developer, the infrastructure cost totals are included for information only.

Estimated security based on deposits:	\$25,000.00	\$25,000.00
Estimated security based on repayments:	\$500,000.00	\$50,000.00
Cost estimate for predefined infrastructure components:	\$500,000.00	
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Estimated security based on infrastructure components:	\$0.00	\$0.00
Estimated security total for this page:		\$75,000.00

NOTE: Your performance security for this request is based only in part on the infrastructure estimates. Please continue with this request and review your total performance security on the Submit page. The City of Calgary requires a minimum of \$150,000 to secure infrastructure costs.

Outstanding Infrastructure Issues

3 If there are any outstanding issues listed below, they must be resolved prior to submission.

[None]

Screen ID: 286277

2016 August 18

Page 20

Outstanding Infrastructure Issues

When there are no **Outstanding Infrastructure Issues** the Urban Development System will indicate this by showing that there are **(None)**.

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Development Agreement Request

Agreement Request Requirements

Request Number: REQ2013-0026	Developer of Record: QUALICO DEVELOPMENTS WEST LTD.	Status
Request Type: Development Agreement	Developer Tier: Tier 3	MDA:
Request Date: Jan 14, 2013	Master Agrmt. Type: Residential	IIA:
Request Status: New	Subdivision Name: EVANSTON, PHASE 19	SC:
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 [Attachments](#) |
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Estimated Infrastructure Costs for Tier 3 Developer

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 a. Click the Applies checkbox for each Infrastructure Component required for this agreement.
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ADD INFRASTRUCTURE COMPONENT

Applies	Infrastructure Component	Deposit	Repayment	Oversize	Bndry/City	Construction Insp
<input type="checkbox"/>	Boulevard and Traffic Island...					<input checked="" type="checkbox"/>
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Outstanding Infrastructure Issues

3 If there are any outstanding issues listed below, they must be resolved prior to submission.

[None]

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When you have completed the **Infrastructure Tab** page click **Save**.

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Development Agreement Request

[Agreement Request Requirements](#)

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Estimated Infrastructure Costs for Tier 3 Developer

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Outstanding Infrastructure Issues

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[None]

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