



**WEDLER**  
ENGINEERING

Date	<u>19-May-23</u>
Printed	<u>19-May-23</u>
Estimator	<u>JAF</u>
Checked	<u>GRM</u>

1375 Piercy Road, Courtenay BC  
Habitat for Humanity Vancouver Island North

Wedler Project No. **V20-0409/A**

**PIERCY AVENUE OFFSITE WORKS  
CONSTRUCTION COST ESTIMATE SUMMARY**

STORM SEWER	\$6,520
SANITARY SEWER	\$5,480
WATERWORKS	\$5,800
ROADWORKS	\$27,670
<b><i>TOTAL COSTS</i></b>	<b><i>\$45,470</i></b>

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**FACTOR**

**1.00**

**PIERCY OFFSITE STORM SERVICING**

MMCD	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
	<b>SERVICE CONNECTIONS &amp; INSPECTION CHAMBERS</b>				
	<i>Service Connections</i>				
	250 mm service	lin.m	7.5	\$235.00	\$1,762.50
	<i>Inspection Chambers</i>				
02725	600mmØ for 250mm to 375mm Service Connection	each	1.0	\$1,028	\$1,028.00
	<b>MISCELLANEOUS</b>				
	Video Inspection - Service Connections	lin.m.	7.5	\$12.00	\$90.00
02721	Tie-in to Existing Storm Sewer with saddle	each	1.0	\$3,638	\$3,637.50
	<b>TOTAL STORM SEWER</b>				<b>\$6,518.00</b>
	<b>TOTAL STORM SEWER w/ ADJUSTMENT FACTOR</b>				<b>\$6,518.00</b>

**ASSUMPTIONS/NOTES:**

- Storm sewer & service connection installation includes all surface restoration per MMCD Section 02223 - Sub-section 3.6, except permanent pavement restoration.



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**FACTOR**

**1.00**

**PIERCY - OFFSITE SANITARY SERVICING**

MMCD	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
	<b>SERVICE CONNECTIONS</b>				
	<i>Service Connections</i>				
02731	100 mm Single - Imported Backfill	lin.m	<b>14.0</b>	\$135.00	\$1,890.00
	<i>Inspection Chambers</i>				
02725	200mmØ for 100mm to 200mm Service Connection	each	<b>1.0</b>	\$386	\$386.00
	<b>MISCELLANEOUS</b>				
02731	Tie-in to Existing Sanitary Sewer	each	<b>1.0</b>	\$3,200	\$3,200.00
	<b>TOTAL SANITARY SEWER</b>				<b>\$5,476.00</b>
	<b>TOTAL SANITARY SEWER w/ ADJUSTMENT FACTOR</b>				<b>\$ 5,476.00</b>

**ASSUMPTIONS/NOTES:**

- Sanitary sewer & service connection installation includes all surface restoration per MMCD Section 02223 - Sub-section 3.6, except permanent pavement restoration.



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FACTOR 1.00

**PIERCY - OFFSITE WATER SERVICING**

MMCD	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
	<b>SERVICE CONNECTIONS</b> <i>Multi-Family, Commercial &amp; Industrial</i> 50mm Domestic (C/w Chamber, Meter, Etc.)	each	1.0	\$5,798	\$5,798.00
<b>TOTAL WATER WORKS</b>					<b>\$5,798.00</b>
<b>TOTAL WATER WORKS w/ ADJUSTMENT FACTOR</b>					<b>\$ 5,798.00</b>

**ASSUMPTIONS/NOTES:**

- W/M & service connection installation includes all surface restoration per MMCD Section 02223 - Sub-section 3.6 except permanent pavement restoration.

**1375 Piercy Road, Courtenay BC**  
**Habitat for Humanity Vancouver Island North**

Wedler Project No. **V20-0409/A**
**FACTOR**
**1.00**
**PIERCY OFFSITE ROADWORKS**

MMCD	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
<b>EXCAVATION, EMBANKMENT &amp; COMPACTION</b>					
<i>Common Excavation</i>					
02224	Waste Material (Excavate & Dispose Off-Site)	cu.m.	30.0	\$70.00	\$2,100.00
02224	Subgrade Preparation	sq.m.	150.0	\$10.00	\$1,500.00
02224	Asphalt Removal	sq.m.	30.0	\$24.00	\$720.00
02224	Concrete sidewalk and Curb Removal	lin.m	50.0	\$56.00	\$2,800.00
<i>Pavement Structure</i>					
02233	Granular Base	sq.m.	30.0	\$22.00	\$660.00
02234	Select Granular Sub-base	sq.m.	30.0	\$27.00	\$810.00
<b>HOT-MIX ASPHALT CONCRETE PAVING</b>					
02512	Saw Cut Asphalt	lin.m	50.0	\$8.00	\$400.00
<i>Surface Course - Machine Placed</i>					
02512	35mm lift	sq.m.	30.0	\$50.00	\$1,500.00
02512	40mm lift	sq.m.	30.0	\$55.00	\$1,650.00
<b>SIDEWALKS, CURBS and GUTTERS</b>					
<i>Concrete - Broom Finished</i>					
02523	Sidewalk - 100mm (c/w Gr Base)	sq.m.	60.0	\$105.00	\$6,300.00
<i>Concrete - Curbs</i>					
02522	Barrier Curb with Gutter - Wide Base	lin.m	65.0	\$106.00	\$6,890.00
<b>TREATMENT and MEDIAN FILL</b>					
<i>Treatment</i>					
	Hydro Seeding	sq.m.	100.0	\$6.35	\$635.00
	Topsoil (MMCD 2921)	sq.m.	100.0	\$17.00	\$1,700.00
<b>TOTAL ROADWORKS</b>					<b>\$27,665.00</b>
<b>TOTAL ROADWORKS w/ ADJUSTMENT FACTOR</b>					<b>\$ 27,665.00</b>