



**CITY OF PUYALLUP  
ENGINEERING SERVICES  
ESTIMATE OF COST**

**ON-SITE**

<b>DATE:</b>	1/10/2022	<b>ESTIMATOR:</b>	Barghausen Engineers
<b>PROJECT NAME &amp; LOCATION:</b>	Step by Step		
	3308 8th Ave SE	<b>TELEPHONE #:</b>	425-251-6222

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00		0.00
DRIVE APPROACH	SY	\$55.00		0.00
SIDEWALK	SY	\$35.00		0.00
WHEEL CHAIR RAMP	LS	\$2,800.00		0.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00		0.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5,500.00		0.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00		0.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00		0.00
GRAVEL BASE	TON	\$25.00		0.00
TOP COURSE	TON	\$30.00		0.00
CLASS B ASPHALT CONCRETE	TON	\$95.00		0.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
ROUGH GRADING	CY	\$3.00		0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
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**STORM DRAINAGE**

				0.00
48" STORM SEWER MANHOLE	EA	\$3,605.00		0.00
54" STORM SEWER MANHOLE	EA	\$4,265.00		0.00
60" STORM SEWER MANHOLE	EA	\$5,075.00		0.00
72" STORM SEWER MANHOLE	EA	\$7,615.00		0.00
84" STORM SEWER MANHOLE	EA	\$10,150.00		0.00
96" STORM SEWER MANHOLE	EA	\$14,720.00		0.00
FLOW CONTROL MANHOLE	EA	\$4,900.00		0.00
CATCH BASIN TYPE I	EA	\$1,800.00		0.00
CATCH BASIN TYPE II	EA	\$3,550.00		0.00
12" PVC	LF	\$65.00		0.00
18" PVC	LF	\$85.00		0.00
21" PVC	LF	\$100.00		0.00
24" PVC	LF	\$125.00		0.00
30" PVC	LF	\$150.00		0.00
36" RCP	LF	\$275.00		0.00
42" RCP	LF	\$350.00		0.00
48" RCP	LF	\$440.00		0.00
BIOSWALE / DETENTION POND	CF	\$2.00		0.00
COMPOST / COALESCE FILTER	LF	\$7.70		0.00
EROSION CONTROL	LS	\$1500.00	1	\$1500.00
6" PVC	LF	\$22.00	357	7,854.00
CLEAN OUT	EA	\$250.00	8	2,000.00

WATER		UNIT	UNIT COST	PLAN QUANTITY	TOTAL
3/4" WATER SERVICE / METER	EA	\$850.00			0.00
1" WATER SERVICE / METER	EA	\$1,000.00			0.00
1 1/2" WATER SERVICE / METER	EA	\$1,430.00			0.00
2" WATER SERVICE / METER	EA	\$2,000.00			0.00
FIRE HYDRANT ASSEMBLY	EA	\$3,400.00			0.00
2' BLOW OFF ASSEMBLY	EA	\$2,080.00			0.00
8" GATE VALVE	EA	\$820.00			0.00
10" BUTTERFLY VALVE	EA	\$1,300.00			0.00
12" BUTTERFLY VALVE	EA	\$1,500.00			0.00
AIR RELIEF VALVE	EA	\$2,400.00			0.00
8" D.I.P.	LF	\$85.00			0.00
10" D.I.P.	LF	\$100.00			0.00
12" D.I.P.	LF	\$115.00			0.00
16" D.I.P.	LF	\$145.00			0.00
2" DOUBLE CHECK ASSEMBLY	EA	\$1,950.00			0.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00			0.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00		1	\$1625.00 -0.00
ADJUST WM TO GRADE	EA	\$500.00			0.00
MISC. ITEMS 6-in Fire	LF	\$75		121	\$1500.00 -0.00
<b>SANITARY</b>					0.00
SANITARY SEWER MANHOLE	EA	\$4,000.00		1	4,000.00
DROP MANHOLE	EA	\$5,000.00			0.00
TERMINAL CLEAN OUT	EA	\$425.00		7	\$1500.00 1,275.00
SIDE SEWER	LF	\$60.00		76	-48 2,880.00
8" SANITARY PVC	LF	\$70.00			0.00
10" SANITARY PVC	LF	\$75.00			0.00
12" SANITARY PVC	LF	\$90.00			0.00
18" SANITARY PVC	LF	\$100.00			0.00
GREASE INTERCEPTOR	GALLON	\$6.90		1500	10,350.00
3" PVC C900 FORCEMAIN	LF	\$20.00		492	9,840.00
<b>RETAINING WALLS</b>					0.00
ROCK RETAINING WALL	S.Y./FACE	\$250.00			0.00
POURED IN PLACE RETAINING WALL	S.Y./FACE	\$250.00			0.00
KEYSTONE WALL	S.F./FACE	\$35.00			0.00
MISC. ITEMS					0.00
<b>MISCELLANEOUS</b>					0.00
RELOCATE POWER POLE/TRANSFORMER					0.00
PRIVATE UTILITY TRENCHING	FT	\$3.00			0.00
MISC. ITEMS					0.00
MISC. ITEMS					0.00
MISC. ITEMS					0.00
MISC. ITEMS					0.00
<b>TOTAL</b>					\$43,925.00 38,199.00
<b>20% CONTINGENCY</b>					7,639.80 \$8795.00
<b>GRAND TOTAL</b>					\$52,710.00 45,838.80