



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

ON-SITE

DATE:	1/14/2022	ESTIMATOR:	Barghausen Engineers
PROJECT NAME & LOCATION:	Step by Step		
	3308 8th Ave SE	TELEPHONE #:	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
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MISC. ITEMS				0.00

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	\$1,500.00	1	1,500.00
6" PVC	LF	\$22.00		0.00
CLEAN OUT	EA	\$250.00		0.00

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	1,625.00
ADJUST WM TO GRADE		EA	\$500.00		0.00
6"	Fire Line	LF	\$75.00	121	9,075.00
SANITARY					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	8	3,400.00
SIDE SEWER		LF	\$60.00	108	6,480.00
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
RETAINING WALLS					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
MISCELLANEOUS					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
				TOTAL	46,270.00
				20%CONTINGENCY	9,254.00
				GRAND TOTAL	55,524.00