



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

ON-SITE

DATE: 12/02/2024	ESTIMATOR: Peter Ralston
PERMIT NUMBER: PRCCP20241846	EMAIL: pralston@atwell.com

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	1480	28,120.00
DRIVE APPROACH	SY	\$55.00		0.00
SIDEWALK	SY	\$35.00	228	7,983.89
WHEEL CHAIR RAMP	LS	\$2,800.00	6	16,800.00
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	6	33,000.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00	1	13,200.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00		0.00
GRAVEL BASE	TON	\$25.00		0.00
TOP COURSE	TON	\$30.00	600	17,985.08
CLASS B ASPHALT CONCRETE	TON	\$95.00	496	47,118.20
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00	8	3,400.00
ROUGH GRADING	CY	\$3.00	1200	3,600.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

STORM DRAINAGE

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	3	5,400.00
CATCH BASIN TYPE II	EA	\$3,550.00		0.00
12" PVC	LF	\$65.00	194	12,610.00
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	SF	\$0.50	35300	17,650.00
MISC. ITEMS				0.00
MISC. ITEMS				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	1	1,000.00
1 1/2" WATER SERVICE / METER	EA	\$1,430.00	1	1,430.00
2" WATER SERVICE / METER	EA	\$2,000.00	1	2,000.00
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	2	3,900.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00		0.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00		0.00
ADJUST WM TO GRADE	EA	\$500.00		0.00
MISC. ITEMS				0.00

SANITARY

0.00

SANITARY SEWER MANHOLE	EA	\$4,000.00		0.00
DROP MANHOLE	EA	\$5,000.00		0.00
TERMINAL CLEAN OUT	EA	\$425.00	6	2,550.00
SIDE SEWER	LF	\$60.00	177	10,620.00
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		0.00
MISC. ITEMS				0.00

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	LF	\$3.00	426	1,278.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
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MISC. ITEMS				0.00

TOTAL	229,645.17
20% CONTINGENCY	45,929.03
GRAND TOTAL	275,574.21



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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
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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	SF	\$0.50		0.00
MISC. ITEMS				0.00
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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
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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		0.00
ADJUST WM TO GRADE		EA	\$500.00		0.00
MISC. ITEMS		EA	\$200.00		0.00
SANITARY					0.00
SANITARY SEWER MANHOLE		EA	\$4,000.00		0.00
DROP MANHOLE		EA	\$5,000.00		0.00
TERMINAL CLEAN OUT		EA	\$425.00		0.00
SIDE SEWER		LF	\$60.00		0.00
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		0.00
MISC. ITEMS					0.00
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		LF	\$3.00		0.00
MISC. ITEMS					0.00
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MISC. ITEMS:					0.00
				TOTAL	0.00
				20% CONTINGENCY	0.00
				GRAND TOTAL	0.00

Total Valuation		275,574.21
Engineer Inspection Fee (3%)		8,267.23
Required Performance Bond Amt (150%)		0.00
	TOTAL	283,841.43