



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

ON-SITE

DATE: 1/13/2025 **ESTIMATOR:** Dan Lamotte
PROJECT NAME & LOCATION: FORTRESS PUYALLUP **TELEPHONE #:** 425.251.6222
240 15TH ST. SE

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	1	2,800.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00	1	280.00
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	7000	21,000.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
STORM DRAINAGE				0.00
48" STORM SEWER MANHOLE	EA	\$3,605.00	8	28,840.00
54" STORM SEWER MANHOLE	EA	\$4,265.00	1	4,265.00
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	1	4,900.00
CATCH BASIN TYPE I	EA	\$1,800.00	13	23,400.00
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	331630	165,815.00
SITE STABILIZATION	SF	\$1.70		0.00
DETENTION VAULT	CF	\$8.00	143488	1,147,904.00
WATER QUALITY STRUCTURE	EA	\$40,000.00	2	80,000.00

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	1	1,430.00
2" WATER SERVICE / METER	EA	\$2,000.00	1	2,000.00
FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	4	13,600.00
2' BLOW OFF ASSEMBLY	EA	\$2,080.00		0.00
8" GATE VALVE	EA	\$820.00	2	1,640.00
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	1572	133,620.00
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	1	1,625.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00	1	1,625.00
ADJUST WM TO GRADE	EA	\$500.00		0.00
MISC. ITEMS				0.00

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	2	850.00
SIDE SEWER	LF	\$60.00	200	12,000.00
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	EA	10000	1	10,000.00
PRIVATE UTILITY TRENCHING	FT	\$3.00		0.00
8" PVC STORM	LF	\$40.00	1161	46,440.00
12" CPEP STORM	LF	\$55.00	1467	80,685.00
15" CPEP STORM	LF	\$70.00	467	32,690.00
18" CPEP STORM	LF	\$80.00	218	17,440.00

TOTAL 1,838,849.00

20%CONTINGENCY 367,769.80

GRAND TOTAL 2,206,618.80



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OFF-SITE

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PROJECT NAME & LOCATION: FORTRESS PUYALLUP **TELEPHONE #:** 425.251.6222
240 15TH ST. SE

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	517	9,823.00
DRIVE APPROACH	SY	\$55.00	24	1,320.00
SIDEWALK	SY	\$35.00	388	13,580.00
WHEEL CHAIR RAMP	LS	\$2,800.00		0.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00	2	560.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5,500.00	4	22,000.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00		0.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00	20	700.00
GRAVEL BASE	TON	\$25.00		0.00
TOP COURSE	TON	\$30.00	71	2,130.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	172	16,340.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00	8	3,400.00
ROUGH GRADING	CY	\$3.00		0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
STORM DRAINAGE				0.00
48" STORM SEWER MANHOLE	EA	\$3,605.00	1	3,605.00
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	SF	\$0.50	15000	7,500.00
SITE STABILIZATION	SF	\$1.70		0.00
12" RCP STORM	LF	\$90.00	13	1,170.00
MISC. ITEMS	EA	\$40,000.00		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		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		0.00
SIDE SEWER	LF	\$60.00	70	4,200.00
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	FT	\$3.00		0.00
C-CURB	LF	\$35.00	38	1,330.00
PAVEMENT MARKINGS	LS	\$7,000.00	1	7,000.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

TOTAL	94,658.00
20% CONTINGENCY	18,931.60
GRAND TOTAL	113,589.60



01/13/2025