



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

ON-SITE

DATE: 10/29/2024	ESTIMATOR: Allyson Burket, AHBL
PERMIT NUMBER: PRCCP20240232	EMAIL: aburket@AHBL.com

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	2	560.00
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	3500	10,500.00
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	6	10,800.00
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	33600	16,800.00
6" PVC	LF	\$20.00	420	8,400.00
STORMFILTER CATCHBASIN	EA	\$15,000.00	3	45,000.00

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		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	1	425.00
SIDE SEWER	LF	\$60.00		0.00
8" SANITARY PVC	LF	\$70.00	38	2,660.00
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
WATER - 6" DIP	LF	\$55.00	113	6,215.00
WATER - 2" PVC	LF	\$3.00	27	81.00
STORM - 12" DIP	LF	\$115.00	272	31,280.00
MISC. ITEMS				0.00

TOTAL	132,721.00
20% CONTINGENCY	26,544.20
GRAND TOTAL	159,265.20



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STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	85	1,615.00
DRIVE APPROACH	SY	\$55.00	129	7,095.00
SIDEWALK	SY	\$35.00	425	14,875.00
WHEEL CHAIR RAMP	EA	\$2,800.00	5	14,000.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00	5	1,400.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5,500.00	5	27,500.00
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	45	1,125.00
TOP COURSE	TON	\$30.00	10	300.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	18	1,710.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
ROUGH GRADING	CY	\$3.00		0.00
CHANNELIZATION	LS	\$4,500.00	1	4,500.00
MISC. ITEMS				0.00
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	1	1,800.00
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
8" PVC	LF	\$40.00	33	1,320.00
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		0.00
1 1/2"	WATER SERVICE / METER	EA	\$1,430.00		0.00
2"	WATER SERVICE / METER	EA	\$2,000.00	1	2,000.00
	FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	2	6,800.00
	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
	WATER - 5/8" WATER SERVICE/METER	EA	\$500.00	1	500.00

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
	WATER - 6" DIP	LF	\$55.00	43	2,365.00
	WATER - 2" PVC	LF	\$3.00	15	45.00
	WATER - 6" GATE VALVE	EA	\$790.00	3	2,370.00
	MISC. ITEMS				0.00

TOTAL	104,520.00
20% CONTINGENCY	20,904.00
GRAND TOTAL	125,424.00

For City use only:	Total Valuation	284,689.20
	Engineer Inspection Fee (3%)	8,540.68
	Required Performance Bond Amt (150%)	156,780.00
	TOTAL	450,009.88