



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

**ON-SITE**

**DATE:** 2025.06.09      **ESTIMATOR:** AMS & RDSV  
**PROJECT NAME & LOCATION:**  
Cascade Christian Schools - Elementary Portables      **TELEPHONE #:** 971.236.3377  
**ENGINEER'S OPINION ESTIMATE**

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	50	950.00
DRIVE APPROACH	SY	\$55.00		0.00
SIDEWALK	SY	\$35.00	196	6,852.22
WHEEL CHAIR RAMP	LS	\$2,800.00	2	5,600.00
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	1500	4,500.00
THERMOPLASTIC PAINT STRIPING	LF	\$0.90	2000	1,800.00
PAINT STRIPING REMOVAL	SF	\$0.35	1000	350.00
MISC. ITEMS ADA Stall Sign & Stencil	LS	\$300.00	1	300.00
<b>STORM DRAINAGE</b>				<b>0.00</b>
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	2	3,600.00
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	20000	10,000.00
SITE STABILIZATION	SF	\$1.70	20000	34,000.00
6" HDPE OR PVC STORM PIPE	LF	\$70.00	215	15,050.00
YARD DRAIN	EA	\$750.00	5	3,750.00

<b>WATER</b>	<b>UNIT</b>	<b>UNIT COST</b>	<b>PLAN QUANTITY</b>	<b>TOTAL</b>
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	1	500.00
MISC. ITEMS 1" onsite service pipe to Portal	LF	\$25.00	80	2,000.00
<b>SANITARY</b>				<b>0.00</b>
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	14	840.00
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
CDF EX. SS COVER	YD	\$80.00	100	8,000.00
<b>RETAINING WALLS</b>				<b>0.00</b>
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>				<b>0.00</b>
RELOCATE POWER POLE/TRANSFORMER				0.00
PRIVATE UTILITY TRENCHING	FT	\$3.00	600	1,800.00
MISC. ITEMS 1" DCVA	EA	\$1,350.00	1	1,350.00
MISC. ITEMS				0.00
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			<b>TOTAL</b>	<b>101,667.22</b>
			<b>20%CONTINGENCY</b>	<b>20,333.44</b>
			<b>GRAND TOTAL</b>	<b>122,000.67</b>