



Subject:	CIP WALL M ESTIMATED QUANTITIES		
SFN:	-	PID:	121447
Date:	3/12/2021	Job No.:	20110903
Computed:	GB	Checked:	RJE

503E11101 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN

Top of Wall Elevation =	539.00	
Bottom of Footing Elevation =	524.65	
Wall Depth =	20.00	ft
Bottom of Wall Elevation =	504.65	
Wall Height =	34.35	ft
Wall Length =	45.00	ft
Area =	1545.75	SF
Unit Cost =	\$ 40.00	SF
Total Cost =	\$ 62,000	

503E21301 - UNCLASSIFIED EXCAVATION, AS PER PLAN

Average Ground Elevation =	533.19		ELEV 1	534.850
Bottom of Footing Elevation =	524.65		ELEV 2	536.350
CAD Excavation Plan Area =	252.00	SF	ELEV 3	536.250
			ELEV 4	538.500
Volume =	2152.08	CF	ELEV 5	536.500
			ELEV 6	528.750
Volume =	79.71	CY	ELEV 7	529.250
			ELEV 8	529.450
			ELEV 9	529.750
			ELEV 10	532.250
			TOTAL	5331.900

Unit Cost = \$	75.00 /CY
Total Cost = \$	5,978 (Lump Sum)

509E10000 - LB - EPOXY COATED REINFORCING STEEL

WALL	911	LB
FOUNDATION	1154	LB
Total LB =	2065	LB



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511E50212 - CY - CLASS QC1 CONCRETE WITH QC/QA, SUBSTRUCTURE

	COPING	
CAD Elevation Area =	44.82	SF
B	1.58	FT
VOLUME	70.96	CF
	WALL	
CAD Elevation Area =	152.74	SF
B	1.50	FT
VOLUME	229.11	CF
	FOOTING	
CAD Elevation Area =	44.00	SF
B	8.50	FT
VOLUME	374.00	CF
<u>Total Volume CY =</u>	<u>25</u>	<u>CY</u>

512E10001 - SY - SEALING OF CONCRETE SURFACES (PERMANENT GRAFFITI PROTECTION), AS PER PLAN

CAD Elevation Area =	177.48	SF
<u>Total Area SY =</u>	<u>20</u>	<u>SY</u>

512E10100 - SY - SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)

CAD Elevation Area =	177.48	SF
<u>Total Area SY =</u>	<u>20</u>	<u>SY</u>

512E33000 - SY - TYPE 2 WATERPROOFING

CAD Elevation Area =	30.31	SF
<u>Total Area SY =</u>	<u>4</u>	<u>SY</u>

516E13600 - SF - 1" PREFORMED EXPANSION JOINT FILLER

CAD Section Area =	21.45	SF
<u>Total Area SF =</u>	<u>22</u>	<u>SF</u>

518E21200 - CY - POROUS BACKFILL WITH GEOTEXTILE FABRIC

CAD Elevation Area =	164.56	SF
B=	2.00	FT
<u>Total Volume CY =</u>	<u>13</u>	<u>CY</u>

518E42200 - FT - 8" PERFORATED CORRUGATED STEEL PIPE, 707.01

<u>Total FT =</u>	<u>22</u>	<u>FT</u>
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518E42300 - FT - 8" NON-PERFORATED CORRUGATED STEEL PIPE, INCLUDING SPECIALS, 707.01

<u>Total FT =</u>	<u>2</u>	<u>FT</u>
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530E13000 - SF - SPECIAL - FORM LINER

CAD Elevation Area =	152.74	SF
<u>Total Area SF =</u>	<u>153</u>	<u>SF</u>

601E37501 - FT - PAVED GUTTER, TYPE 1-2, AS PER PLAN

<u>Total FT =</u>	<u>28</u>	<u>FT</u>
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