

CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRACTOR					ADDRESS								
					TOTAL MATERIAL COST					\$ 336,004			
					TOTAL LABOR COST					\$ 436,956			
					SUBTOTAL					\$ 772,960			
					SALES TAX			6.25%		\$ 21,000			
					LABOR BURDEN			10.00%		\$ 43,696			
					OVERHEAD & PROFIT			25.00%		\$ 193,240			
					BONDING			2.00%		\$ 20,618			
					CONTINGENCY / WASTAGE			5.00%		\$ 38,648			
					PROPOSED PROJECT AMOUNT					\$ 1,090,162			
					TOTAL MANHOURS					5588.98			
DATE	PROJECT NAME			SCOPE OF WORK			PROJECT LOCATION						
LINE NO.	DWG REF./CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR			LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P		
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE			UNIT PRICE	TOTAL COST
	DIV. 01	GENERAL REQUIREMENTS			SUBTOTAL MATERIAL	\$ -			SUBTOTAL LABOR	\$ 60,000		\$ 60,000	\$ 85,620
1		PERMITS, SITE SUPERVISION, FINAL CLEANUP & DUMPSTER	LS	1						\$60,000.00	\$60,000.00	\$60,000.00	
	DIV. 03	CONCRETE			SUBTOTAL MATERIAL	\$ 336,004			SUBTOTAL LABOR	\$ 376,956		\$ 712,960	\$ 1,004,542
		SLAB ON GRADE											
2	S100, S200	4" THK. NORMAL WEIGHT CONCRETE SLAB ON GRADE OVER 10 MIL POLYETHYLENE VAPOR BARRIER, REINFORCED W/ 6x6 W2.9xW2.9 W.W.F. AT MID DEPTH	SF	563	\$1.88	\$1,058.26	0.068	38.11	\$63.45	\$4.30	\$2,418.09	\$3,476.35	
3		12" THK. SLAB ON GRADE W/ #4 BARS @ 12" O.C. EACHWAY	SF	38	\$5.25	\$201.88	0.076	2.93	\$63.45	\$4.83	\$185.73	\$387.61	
4		28" MAT SLAB REINFORCEMENT W/ #5 @12" TOP & BOTTOM INNER AND OUTER LAYER	SF	11749	\$11.56	\$135,821.21	0.170	1993.12	\$63.45	\$10.76	\$126,461.26	\$262,282.47	
5		12" THK. ELEVATOR MAT SLAB REINFORCEMENT W/ #5 @12" O.C. TOP & BOTTOM INNER LAYER	SF	90	\$5.25	\$471.88	0.076	6.84	\$63.45	\$4.83	\$434.14	\$906.03	
6		8" THK. ELEVATOR PIT SLAB REINFORCEMENT W/ #5 @12" O.C. TOP & BOTTOM INNER LAYER	SF	4	\$3.64	\$14.56	0.074	0.30	\$63.45	\$4.71	\$18.85	\$33.41	
		CONTROL JOINTS											
7	S200	CONTROL JOINTS AT SLAB ON GRADE	LF	57	\$0.85	\$48.22	0.040	2.28	\$71.22	\$2.85	\$162.38	\$210.61	
		GYPCRETE TOPPING											
8	A102, A105	3/4" GYPCRETE UNDERLAYMENT	SF	38949	\$1.01	\$39,260.86	0.020	778.99	\$73.53	\$1.47	\$57,275.52	\$96,536.39	
9		1" GYPCRETE UNDERLAYMENT	SF	5558	\$1.31	\$7,253.62	0.020	111.17	\$73.53	\$1.47	\$8,173.61	\$15,427.23	
10		6'-4"W x 1'-0"D x 7"H CONCRETE TOPPING AT METAL STAIRS STEPS: 8	SF	51	\$3.67	\$185.95	0.186	9.42	\$73.53	\$13.68	\$692.54	\$878.49	
		THICKENED EDGE											
11	S100	CONCRETE THICKENED EDGE W/ #4 BARS @ 12" O.C.	CY	1.0	\$245.80	\$235.78	5.254	5.04	\$67.82	\$356.35	\$341.83	\$577.61	
		SLAB EDGE											
12	S100	11" x 1'-8"H THICKENED EDGE CONCRETE SLAB W/ #5 BARS @ 12" O.C. EACHWAY	CY	0.5	\$245.80	\$111.89	5.254	2.39	\$67.82	\$356.35	\$162.22	\$274.11	
		WALL FOOTINGS											
13	S100	2'-0"W x 1'-0" CONTINUOUS FOOTING W/ -2 #5 BARS CONTINUOUS BARS	CY	3.4	\$245.80	\$846.64	5.254	18.10	\$67.82	\$356.35	\$1,227.41	\$2,074.06	
		FOUNDATION WALL											
14	S100	8" THK. CONCRETE WALL & CURB @ 5'-6" HT W/ - #4 BARS @ 12" O.C. HORIZONTALLY AND VERTICALLY - #4 DOWELS @ 12" O.C. - 2x4 CONTINUOUS KEYWAY W/ WATERSTOP	CY	164.2	\$290.20	\$47,658.43	4.601	755.53	\$73.45	\$337.89	\$55,490.45	\$103,148.88	
15		8" THK. CONCRETE WALL - #4 HORIZONTAL BARS @ 12" O.C. - #5 VERTICAL BARS @ 12" O.C. - #5 DOWELS @ 12" O.C. - 2x4 CONTINUOUS KEYWAY W/ WATERSTOP	CY	39.3	\$290.20	\$11,393.09	4.601	180.62	\$73.45	\$337.89	\$13,265.39	\$24,658.49	
		STEM WALL											

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					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE			TOTAL COST
16	S100	12"W x 2'-8"H CONCRETE STEM WALL - #4 BARS @ 12" O.C. EACHWAY - 2x4 CONTINUOUS KEYWAY W/ WATERSTOP	CY	3.2	\$290.20	\$918.33	4.601	14.56	\$73.45	\$337.89	\$1,069.24	\$1,987.57	
CONCRETE BEAM OVER OPENING													
17	S100	8" x 1'-8"H CONCRETE BEAM W/ - (2) #4 TOP BARS - (2) #6 BOTTOM BARS - #3 STIRRUPS @ 6" O.C.	CY	3.6	\$277.52	\$1,000.54	8.606	31.03	\$69.96	\$602.09	\$2,170.75	\$3,171.28	
18	S100	8" x 1'-5"H CONCRETE BEAM W/ - (2) #4 TOP BARS - (2) #6 BOTTOM BARS - #3 STIRRUPS @ 6" O.C.	CY	3.2	\$277.52	\$880.09	8.606	27.29	\$69.96	\$602.09	\$1,909.43	\$2,789.52	
PIERS FOOTINGS													
19	S100	F3.0: 3'-0" x 3'-0" x 1'-0"D ISOLATED FOOTING W/ - (4) #4 BARS EACHWAY	CY	0.7	\$241.22	\$160.81	5.883	3.92	\$69.96	\$411.55	\$274.37	\$435.18	
CONCRETE PIERS													
20	S100	P1: 12"x12" CONCRETE PIERS W/ - (4) # VERTICAL BARS - #3 TIES @ 8" O.C.	CY	0.2	\$761.18	\$169.15	5.997	1.33	\$67.82	\$406.71	\$90.38	\$259.53	
WIRE MESH													
21	S100, S200	6x6 W2.9xW2.9 W.W.F. AT MID DEPTH ON SLAB	SF	563	\$0.45	\$253.35	0.004	2.25	\$84.07	\$0.34	\$189.33	\$442.68	
REINFORCEMENT													
22	S100	#5 BARS AT SLAB ON GRADE	LBS	25272	\$0.72	\$18,195.69	0.009	227.45	\$52.42	\$0.47	\$11,922.91	\$30,118.59	
23		#4 BARS AT SLAB ON GRADE	LBS	115	\$0.68	\$77.87	0.010	1.15	\$52.42	\$0.52	\$60.48	\$138.35	
24		#4 BARS AT CONCRETE WALLS	LBS	9299	\$0.68	\$6,276.90	0.010	92.99	\$52.42	\$0.52	\$4,874.67	\$11,151.57	
25		#5 BARS AT CONCRETE WALLS	LBS	2047	\$0.72	\$1,473.71	0.009	18.42	\$52.42	\$0.47	\$965.66	\$2,439.37	
26		#5 BARS AT CONTINUOUS FOOTING	LBS	98	\$0.72	\$70.54	0.009	0.88	\$52.42	\$0.47	\$46.22	\$116.76	
27		#4 BARS AT PIERS FOOTING	LBS	32	\$0.68	\$21.86	0.010	0.32	\$52.42	\$0.52	\$16.98	\$38.84	
28		#5 BARS AT CONCRETE PIERS	LBS	67	\$0.72	\$48.54	0.009	0.61	\$52.42	\$0.47	\$31.81	\$80.35	
29		#3 TIES AT CONCRETE PIERS	LBS	13	\$0.78	\$10.45	0.011	0.15	\$52.42	\$0.58	\$7.69	\$18.14	
30		#4 BARS AT CONCRETE BEAM	LBS	239	\$0.68	\$161.21	0.010	2.39	\$52.42	\$0.52	\$125.20	\$286.41	
31		#6 BARS AT CONCRETE BEAM	LBS	537	\$0.60	\$323.83	0.008	4.30	\$52.42	\$0.42	\$225.21	\$549.04	
32		#3 STIRRUPS AT CONCRETE BEAM	LBS	536	\$0.78	\$419.68	0.011	5.90	\$52.42	\$0.58	\$309.07	\$728.75	
FORMWORK													
33	S100, S200	FORMWORK REQUIRED	SF	12762	\$1.80	\$22,971.60	0.037	472.19	\$71.22	\$2.64	\$33,630.13	\$56,601.73	
INSULATION													
34	S100, S200	2" XPS RIGID R-10 INSULATION AT CONCRETE WALLS	SF	5595	\$1.29	\$7,200.77	0.017	95.12	\$61.91	\$1.05	\$5,888.38	\$13,089.14	
35		2" R-10 RIGID INSULATION UNDER SLAB	SF	12440	\$1.29	\$16,010.28	0.017	211.48	\$61.91	\$1.05	\$13,092.30	\$29,102.58	
WATERPROOFING													
36	S100	BITUMINOUS DAMPROOFING AT CONCRETE WALLS	SF	382	\$1.01	\$385.06	0.024	9.17	\$61.91	\$1.49	\$567.57	\$952.63	
37		AIRTIGHT WATERPROOFING AT CONCRETE WALLS	SF	4831	\$0.32	\$1,565.24	0.005	24.16	\$61.91	\$0.31	\$1,495.39	\$3,060.63	
VAPOR BARRIER													

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					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE			TOTAL COST	
38	S100, S200	15 MIL POLYETHYLENE VAPOR BARRIER TAPE JOINTS & PENETRATIONS UNDER SLAB	SF	12440	\$0.30	\$3,694.68	0.012	149.28	\$71.22	\$0.85	\$10,631.87	\$14,326.55		
39		COMMERCIAL GRADE CONTINUOUS VAPOR PERMEABLE AIR BARRIER AT CONCRETE WALLS	SF	4831	\$0.30	\$1,434.81	0.012	57.97	\$71.22	\$0.85	\$4,128.82	\$5,563.63		
GRANITE CURB														
40	C102, C501	VA-4 GRANITE CURB W/ 6" REVEAL - HIGH EARLY STRENGTH CEMENT CONCRETE - PROP. SAWCUT SEAL W/ IR - PROP. BIT. CONC. TOP COURSE	LF	598	\$8.19	\$4,897.62	0.231	138.14	\$79.40	\$18.34	\$10,967.47	\$15,865.09		
SIDEWALK														
41	C102, C501	4" CONCRETE CEMENT CONCRETE SIDEWALK W/ BROOM FINISH - 6" CRUSHED STONE BASE OVER COMPACTED SUBGRADE - PROVIDE 1/2" CONSTRUCTION CONTROL JOINTS - PRVIDE A TOOLED DUMMY JOINT 1/4"Wx1/2"D AS NEEDED TO PROVIDE SYMMETRY	SF	433	\$2.63	\$1,135.84	0.097	41.97	\$64.86	\$6.29	\$2,722.13	\$3,857.97		
POROUS CONCRETE														
42	L1, L6	6" STORMCRETE POROUS CONCRETE SIDEWALK BY POROUS TECHNOLOGIES 1.888.357.1161 - 1/8" OPEN JOINT WITH (2) HDPE TAPERED SPACERS PER JOINT - 2" PERMEABLE BASE AGGREGARE: ASTM NO. 8 WASHED CRUSHED STONE SCREEDING COURSE - BIAXIAL GEOGRID-6" BENEATH NO. 8 STONE AND AT BOTTOM OF TRENCH - 1'-10 1/2" PERMEABLE BASE AGGRAGATE: ASTM NO. 57 WASHED CRUSHED STONE RESERVOIR COURSE - COMPACTED SUBGRADE	SF	432	\$3.65	\$1,574.64	0.110	47.52	\$64.86	\$7.13	\$3,081.96	\$4,656.60		
CURB														
43	S100	5"x12" CONCRETE CURB/ SLAB EDGE	CY	0.4	\$279.00	\$108.50	5.730	2.23	\$67.82	\$388.60	\$151.12	\$259.62		