## CONSTRUCTION COST ESTIMATE BREAKDOWN

				KOCTION CC									
CONTRA	CTOR					ADDRESS							
-										TOTAL	MATERIAL COST		¢ 226.004
								\$ 336,004 \$ 436,956					
								TAL LABOR COST SUBTOTAL		\$ 772,960			
1						-					SALES TAX	6.25%	
											LABOR BURDEN	10.00%	
										OVE	RHEAD & PROFIT	25.00%	\$ 193,240
											BONDING	2.00%	\$ 20,618
										CONTINGE	NCY / WASTAGE	5.00%	\$ 38,648
											OJECT AMOUNT		\$ 1,090,162
						TOTAL MANHOURS							5588.98
DATE		PROJECT NAME	SCOPE OF WORK				PROJECT LOCAT	ON					
LINE	DWG REF./		UNIT OF		MAT	ERIAL	LABOR					LINE	TRADE
NO.	CSI SEC.	ITEM DESCRIPTION	MEASURE	QUANTITY	UNIT PRICE	TOTAL COST	UNIT LABOR	LABOR	LABOR RATE	UNIT PRICE	TOTAL COST	TOTAL	TOTAL W/
	CSI SEC.		MEASONE		OTT T TRICE	TOTAL COST	HOUR	HOURS	LADORITATE	ON THEE	TOTAL COST	TOTAL	S.TAX, O&P
		<u> </u>			•								
	DIV. 01	GENERAL REQUIREMENTS	SUBTOTAL	L MATERIAL	\$ -			SUBTOT	AL LABOR	\$ 60,000		\$ 60,000	\$ 85,620
										L			
1		PERMITS, SITE SUPERVISION, FINAL CLEANUP & DUMPSTER	LS	1						\$60,000.00	\$60,000.00	\$60,000.00	
	DIV. 03	CONCRETE	SUBTOTAL	LMATERIAL	\$ 336,004			SUBTOT	AL LABOR	\$ 376,956		\$ 712,960	\$ 1,004,542
		SLAB ON GRADE		1	+	<del>                                     </del>	1		<del>                                     </del>	<del>                                     </del>			
_		4" THK. NORMAL WEIGHT CONCRETE SLAB ON GRADE OVER 10 MIL	65	562	ć1 00	ć1 0F0 3C	0.000	20.11	662.45	64.20	62 410 00	62.476.25	
2	İ	POLYETHYLENE VAPOR BARRIER, REINFORCED W/ 6x6 W2.9xW2.9 W.W.F. AT	SF	563	\$1.88	\$1,058.26	0.068	38.11	\$63.45	\$4.30	\$2,418.09	\$3,476.35	
_	_	MID DEPTH	C.F.	20	ćr 25	¢204.00	0.076	2.02	662.45	64.02	Ć40F 72	¢207.61	
3	ł	12" THK. SLAB ON GRADE W/ #4 BARS @ 12" O.C. EACHWAY 28" MAT SLAB REINFORCEMENT W/ #5 @12" TOP & BOTTOM INNER AND	SF	38	\$5.25	\$201.88	0.076	2.93	\$63.45	\$4.83	\$185.73	\$387.61	
4	S100, S200		SF	11749	\$11.56	\$135,821.21	0.170	1993.12	\$63.45	\$10.76	\$126,461.26	\$262,282.47	
	1	OUTER LAYER  12" THK. ELEVATOR MAT SLAB REINFORCEMENT W/ #5 @12" O.C. TOP &			+				-				
5	İ	BOTTOM INNER LAYER	SF	90	\$5.25	\$471.88	0.076	6.84	\$63.45	\$4.83	\$434.14	\$906.03	
	1	8" THK. ELEVATOR PIT SLAB REINFORCEMENT W/ #5 @12" O.C. TOP & BOTTOM			+								
6	İ	INNER LAYER	SF	4	\$3.64	\$14.56	0.074	0.30	\$63.45	\$4.71	\$18.85	\$33.41	
	<del></del>	INVIEW FATER			+								
		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	
					75.55	7	0.0.0		*	7-100	7-0-00	7	
		GYPCRETE TOPPING											
8	A102 A10E	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	A102, A105	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	C.F.		ć2.67	Ć10F.0F	0.100	0.42	672.52	ć12.C0	¢602.54	¢070.40	
10		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			1								
12	S100	11" x 1'-8"H THICKENED EDGE CONCRETE SLAB W/ #5 BARS @ 12" O.C.	CY	0.5	\$245.80	\$111.89	5.254	2.39	\$67.82	\$356.35	\$162.22	\$274.11	
	3100	EACHWAY	C1	0.5	<b>72</b> 43.00	7111.03	3.234	2.33	Ç07.0Z	,,,,,,,	7102.22	<b>7217.11</b>	
		WALL FOOTINGS			ļ								
13	S100	2'-0"W x 1'-0" CONTINUOUS FOOTING W/	CY	3.4	\$245.80	\$846.64	5.254	18.10	\$67.82	\$356.35	\$1,227.41	\$2,074.06	
<u> </u>	<del></del>	- 2 #5 BARS CONTINUOUS BARS	ļ	1	+		1				. ,	. ,	
	<del></del>			ļ	1		ļ						
		FOUNDATION WALL		1	+	1	1		1	1			
	\$100	8" THK. CONCRETE WALL & CURB @ 5'-6" HT W/											
14		- #4 BARS @ 12" O.C. HORIZONTALLY AND VERTICALLY	CY	164.2	\$290.20	\$47,658.43	4.601	1 755.53	\$73.45	\$337.89	\$55,490.45	\$103,148.88	
		- #4 DOWELS @ 12" O.C.			1					1			
<u> </u>		- 2x4 CONTINUOUS KEYWAY W/ WATERSTOP 8" THK. CONCRETE WALL			+		1		<b>_</b>	1			
	S100				1	1			1	1			
15		-#4 HORIZONTAL BARS @ 12" O.C.	C'	20.2	¢200.20	¢11 202 00	4.601	100.63	672.45	6227.00	¢12.205.20	¢34.6E0.40	
15		- #5 VERTICAL BARS @ 12" O.C.	CY	39.3	\$290.20	\$11,393.09	4.601	180.62	\$73.45	\$337.89	\$13,265.39	\$24,658.49	
		- #5 DOWELS @ 12" O.C.				i			1				
-	<del></del>	- 2x4 CONTINUOUS KEYWAY W/ WATERSTOP	-	1	+	<del>                                     </del>	1		<del>                                     </del>	<del>                                     </del>			
		CTERA WALL		1	1	<b>_</b>	1		<b>_</b>	<b>_</b>			
		STEM WALL	ĺ	1	1	1	1		i	1	ı	i l	

## CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRA	CTOP			KOCTION CC	2011111171	ADDRESS							
CONTRA	ACTOR					ADDRESS							
											MATERIAL COST		\$ 336,004
										TC	TAL LABOR COST		\$ 436,956
											SUBTOTAL SALES TAX		\$ 772,960
											LABOR BURDEN	6.25% 10.00%	
										OVE	RHEAD & PROFIT	25.00%	
											BONDING	2.00%	\$ 20,618
										CONTINGE	NCY / WASTAGE	5.00%	
										PROPOSED PR	ROJECT AMOUNT		\$ 1,090,162
										TO	TAL MANHOURS		5588.98
DATE		PROJECT NAME	SCOPE OF WOR	K			PROJECT LOCATI	ON					
	1			MATE			LABOR				ı	ı	TRADE
LINE	DWG REF./	ITEM DESCRIPTION	UNIT OF	QUANTITY	IVIA	ERIAL	LIAUTIADOD	LABOR	LABUR			LINE	TRADE
NO.	CSI SEC.	TIEW DESCRIPTION	MEASURE	QUANTITY	UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST	TOTAL	TOTAL W/ S.TAX, O&P
		12"W x 2'-8"H CONCRETE STEM WALL			1		HOOK	поокз					3.1AX, U&F
16	S100	- #4 BARS @ 12" O.C. EACHWAY	CY	3.2	\$290.20	\$918.33	4.601	14.56	\$73.45	\$337.89	\$1,069.24	\$1,987.57	1
	5100	- 2x4 CONTINUOUS KEYWAY W/ WATERSTOP		5.2	7-00:-0	752555			******	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7-/	<i>+</i> =/0 0 1 10 1	1
		CONCRETE BEAM OVER OPENING											
		8" x 1'-8"H CONCRETE BEAM W/											
17		- (2) #4 TOP BARS	CY	3.6	\$277.52	\$1,000.54	8.606	31.03	\$69.96	\$602.09	\$2,170.75	\$3,171.28	1
		- (2) #6 BOTTOM BARS	Ç.	5.0	\$277.52	Ç1,000.54	0.000	31.03	\$05.50	\$002.03	72,170.75	Ç3,171.20	1
	S100	- #3 STIRRUPS @ 6" O.C.											
		8" x 1'-5"H CONCRETE BEAM W/											1
18		- (2) #4 TOP BARS	CY	3.2	\$277.52	\$880.09	8.606	27.29	\$69.96	\$602.09	\$1,909.43	\$2,789.52	1
		- (2) #6 BOTTOM BARS											1
		- #3 STIRRUPS @ 6" O.C.											
		PIERS FOOTINGS											
		F3.0: 3'-0" x 3'-0" x 1'-0"D ISOLATED FOOTING W/			40.44.00	4			400.00	4 ==	40-40-	4.00	
19	S100	- (4) #4 BARS EACHWAY	CY	0.7	\$241.22	\$160.81	5.883	3.92	\$69.96	\$411.55	\$274.37	\$435.18	1
		CONCRETE PIERS											<b>H</b>
		P1: 12"x12" CONCRETE PIERS W/			4=0.10	4.00.15			40=00	4.00	400.00	40-0-0	1
20	S100	- (4) # VERTICAL BARS	CY	0.2	\$761.18	\$169.15	5.997	1.33	\$67.82	\$406.71	\$90.38	\$259.53	1
		- #3 TIES @ 8" O.C.											
		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		#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	<b></b>
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 27	S100	#5 BARS AT CONTINUOUS FOOTING #4 BARS AT PIERS FOOTING	LBS LBS	98 32	\$0.72 \$0.68	\$70.54 \$21.86	0.009	0.88	\$52.42 \$52.42	\$0.47 \$0.52	\$46.22	\$116.76 \$38.84	<u> </u>
28	3100	#5 BARS AT CONCRETE PIERS	LBS	67	\$0.68	\$48.54	0.010 0.009	0.32	\$52.42 \$52.42	\$0.52	\$16.98 \$31.81	\$38.84	
29	1	#3 TIES AT CONCRETE PIERS	LBS	13	\$0.78	\$10.45	0.003	0.01	\$52.42	\$0.58	\$7.69	\$18.14	 I
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	1	#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	
								<u> </u>					
		FORMWORK			<u> </u>	ļ.,			ļ	ļ	ļ .		1
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	
		INCLUATION			<del>                                     </del>	1	1		1	1			
34		INSULATION 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	<u> </u>
34 35	S100, S200	2" R-10 RIGID INSULATION AT CONCRETE WALLS 2" R-10 RIGID INSULATION UNDER SLAB	SF SF	12440	\$1.29	\$16,010.28	0.017	211.48	\$61.91	\$1.05	\$5,888.38	\$13,089.14	i
33		2 N-10 MOID INSULATION UNDER SLAD	JF.	12440	71.25	710,010.28	0.017	211.40	201.71	71.03	713,032.30	72J,1U2.JO	
		WATERPROOFING				1			<u> </u>	1			 I
36	6100	BITUMINOUS DAMPROOFING AT CONCRETE WALLS	SF	382	\$1.01	\$385.06	0.024	9.17	\$61.91	\$1.49	\$567.57	\$952.63	
37	S100	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	<u> </u>
	_							· · · · · · · · · · · · · · · · · · ·					
		VAPOR BARRIER											

## CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRA	CTOR				JI LJIIIVIA	ADDRESS							
											MATERIAL COST		\$ 336,004 \$ 436,956
						SUBTOTAL							\$ 772,960
						SALES TAX LABOR BURDEN							\$ 21,000 \$ 43,696
						OVERHEAD & PROFIT							\$ 193,240
						BONDING CONTINGENCY / WASTAGE							\$ 20,618 \$ 38,648
						PROPOSED PROJECT AMOUNT							\$ 1,090,162
DATE		PROJECT NAME	SCOPE OF WOR	<u>,                                      </u>			PROJECT LOCAT	ION		TO	TAL MANHOURS		5588.98
DATE		PROJECT NAIVIE	SCOPE OF WOR	N.			PROJECT LOCAT	ION					
LINE	DWG REF./		UNIT OF		MATERIAL				LABOR			LINE	TRADE
NO.	CSI SEC.	ITEM DESCRIPTION	MEASURE	QUANTITY	UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST	TOTAL	TOTAL W/ S.TAX, O&P
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	IS 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 SLIBGRADE	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	