MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

M-TECH ESTIMATING
Modern-Tech drafting & Estimation Solutions

Date: 02/15/2023
Web: www.mtechestimating.com
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Scope: Concrete

PROJECT NAME:	PORT IMPERIAL BUILDING H			
LOCATION:	TOWN OF WEST NEW YORK, HUDSON COUNTY, NEW JERSEY			
MTE ID:	M23-2402-FB		TOTAL TRADES AMOUNT	$ 23,703,064
Area Summary (GSF)	54000		TOTAL BASE BID	$ 30,102,891

DIVISION WISE SUMMARY

		CSI DIVISIONS	Total material cost	Total labor cost	Total cost	Cost/SF
1		01-General Conditions	$ -	$ -	$ 81,500	1.51
2		03-Concrete	$ 15,797,460	$ 7,824,104	$ 23,621,564	437.44
		Total Trade Cost	$ 15,797,460	$ 7,824,104	$ 23,703,064	438.95

NOTES FOR CLIENTS

1. This estimate is based on real market prices that are regularly updated by our team persons through market surveys and online resources, we still encourage our clients to put their own.
2. This sheet is your property and we encourage you to fine tune the wastage and pricing values to your preference.
3. Feel free to contact us for any queries or suggestions.

TOTAL TRADES AMOUNT		$ 23,703,064
OVERHEAD	7%	$ 1,659,214
PROFIT	15%	$ 3,555,460
INSURANCE	3%	$ 711,092
CONTINGENCY	2%	$ 474,061
TOTAL BASE BID		**$ 30,102,891**

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PROJECT NAME:	PORT IMPERIAL BUILDING H
LOCATION:	TOWN OF WEST NEW YORK, HUDSON COUNTY, NEW JERSY
MTE ID:	M23-2402-FB

Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOUR	LABOR RATE	TOTAL LABOR	TOTAL COST	TRADE COST
	DIV. 01	**GENERAL CONDITIONS**												
		GENERAL REQUIREMENTS												
1		Mobilization	1	0%	1	LS	$ -	$ -	0.000	0.00	$ -	$ -	$ 14,000	
2		Supervision	1	0%	1	LS	$ -	$ -	0.000	0.00	$ -	$ -	$ 10,000	
3		Safety requirements	1	0%	1	LS	$ -	$ -	0.000	0.00	$ -	$ -	$ 2,500	
4		Office overheads	1	0%	1	LS	$ -	$ -	0.000	0.00	$ -	$ -	$ 10,000	
5		Project Closeouts	1	0%	1	LS	$ -	$ -	0.000	0.00	$ -	$ -	$ 15,000	
6		Submittal and approval	1	0%	1	LS	$ -	$ -	0.000	0.00	$ -	$ -	$ 15,000	
7		Temporary Facilities and Controls	1	0%	1	LS	$ -	$ -	0.000	0.00	$ -	$ -	$ 15,000	
		Subtotal (General conditions)				*Total mat. cost:*		$ -		*Total labor cost:*		$ -		**$ 81,500**
	DIV. 03	**CONCRETE**												
		CONCRETE PIL CAP (5000 PSI)												
8		PC1: 42 X 42 X 36 CONCRETE PILE CAP, 3 EACH	4	5%	4	CY	$ 328.00	**$ 1,406.30**	3.333	14.29	$ 75	**$ 1,072**	$ 2,478	
9		PC2: 78 X 42 X 36 CONCRETE PILE CAP, 33 EACH	83	5%	88	CY	$ 328.00	**$ 28,728.70**	3.333	291.96	$ 75	**$ 21,897**	$ 50,626	
10		PC2A: 78 X 42 X 54 CONCRETE PILE CAP, 1 EACH	4	5%	4	CY	$ 328.00	**$ 1,305.85**	3.333	13.27	$ 75	**$ 995**	$ 2,301	
11		PC3: 36" DEEP COMPOSITE SHAPE CONCRETE PILE CAP, 23 EACH	80	5%	84	CY	$ 328.00	**$ 27,680.19**	3.333	281.30	$ 75	**$ 21,098**	$ 48,778	
12		PC3A: 54" DEEP COMPOSITE SHAPE CONCRETE PILE CAP, 3 EACH	16	5%	17	CY	$ 328.00	**$ 5,444.96**	3.333	55.34	$ 75	**$ 4,150**	$ 9,595	
13		PC4: 78 X 78 X 48 CONCRETE PILE CAP, 22 EACH	138	5%	145	CY	$ 328.00	**$ 47,425.16**	3.333	481.96	$ 75	**$ 36,147**	$ 83,572	
14		PC4A: 78 X 78 X 54 CONCRETE PILE CAP, 4 EACH	28	5%	30	CY	$ 328.00	**$ 9,700.60**	3.333	98.58	$ 75	**$ 7,394**	$ 17,094	
15		PC5: 94 X 94 X 48 CONCRETE PILE CAP, 9 EACH	82	5%	86	CY	$ 328.00	**$ 28,153.05**	3.333	286.11	$ 75	**$ 21,458**	$ 49,611	
16		PC6: 114 X 78 X 48 CONCRETE PILE CAP, 8 EACH	73	5%	77	CY	$ 328.00	**$ 25,204.98**	3.333	256.15	$ 75	**$ 19,211**	$ 44,416	
17	***S-200/S-204***	PC7: 114 X 106 X 48 CONCRETE PILE CAP, 8 EACH	99	5%	104	CY	$ 328.00	**$ 34,239.99**	3.333	347.97	$ 75	**$ 26,098**	$ 60,338	
18		PC8: 114 X 106 X 48 CONCRETE PILE CAP, 2 EACH	25	5%	26	CY	$ 328.00	**$ 8,560.00**	3.333	86.99	$ 75	**$ 6,524**	$ 15,084	
19		PC9: 114 X 114 X 48 CONCRETE PILE CAP, 1 EACH	13	5%	14	CY	$ 328.00	**$ 4,604.76**	3.333	46.80	$ 75	**$ 3,510**	$ 8,114	
20		PC20: 15'-6" X 23'-2" X 48" CONCRETE PILE CAP, 1 EACH	53	5%	56	CY	$ 328.00	**$ 18,323.87**	3.333	186.22	$ 75	**$ 13,966**	$ 32,290	
21		PC34: 15'-6" X 33'-0" X 54 CONCRETE PILE CAP, 1 EACH	79	5%	83	CY	$ 328.00	**$ 27,147.33**	3.333	275.89	$ 75	**$ 20,692**	$ 47,839	
22		PC55: 60" DEEP COMPOSITE SHAPE CONCRETE PILE CAP, 1 EACH	246	5%	258	CY	$ 328.00	**$ 84,691.54**	3.333	860.69	$ 75	**$ 64,551**	$ 149,243	
23		FORMWORK	12261	5%	12874	SF	$ 50.00	**$ 643,684.9**	0.015	193.11	$ 75	**$ 14,483**	$ 658,168	
24		REBARS #7 = 4889.5 LF #8 = 2151.1 LF #9 = 19896.5 LF	44	5%	46	TN	$ 1,000.0	**$ 46,200.00**	8.500	392.70	$ 75	**$ 29,453**	$ 75,653	
		CONCRETE PIER (5000 PSI)												
25		18" DIA CONCRETE PIER (36" DEEP) = 6 EACH	1	5%	1	CY	$ 328.00	**$ 405.53**	3.333	4.12	$ 75	**$ 309**	$ 715	
26		12 X 12 CONCRETE PIER = 1 EACH	0.4	5%	0.4	CY	$ 328.00	**$ 127.56**	3.333	1.30	$ 75	**$ 97**	$ 225	
27	***S-200/S-200A***	FORMWORK	125	5%	131	SF	$ 50.00	**$ 6,551.0**	3.333	436.73	$ 75	**$ 32,755**	$ 39,306	
28		REBARS #4 = 166.5 LF #5 = 144 LF #6 = 40 LF	0.5	5%	0.5	TN	$ 1,000.0	**$ 472.50**	8.500	4.02	$ 75	**$ 301**	$ 774	
		CONCRETE CORBAL (5000 PSI)												
29		24" DEEP CONCRETE CORBEL = 882 SF	65	5%	69	CY	$ 328.00	**$ 22,500.80**	3.333	228.67	$ 75	**$ 17,150**	$ 39,651	
30	***S-200/S-200A***	FORMWORK	644	5%	676	SF	$ 50.00	**$ 33,810.0**	3.333	2254.00	$ 75	**$ 169,050**	$ 202,860	
31		REBARS #5 = 2917.5 LF #7 = 4095 LF	7	5%	7	TN	$ 1,000.0	**$ 7,350.00**	8.500	62.48	$ 75	**$ 4,686**	$ 12,036	
		CONCRETE GRADE BEAM (5000 PSI)												
32		GB-1: 48 X 36 CONCRETE BEAM = 140.9 LF	63	5%	66	CY	$ 328.00	**$ 21,567.09**	3.333	219.18	$ 75	**$ 16,438**	$ 38,005	
33		GB-2: 36 X 24 CONCRETE BEAM = 683.5	152	5%	159	CY	$ 328.00	**$ 52,310.53**	3.333	531.61	$ 75	**$ 39,871**	$ 92,181	
34		GB-2A: 52 X 24 CONCRETE BEAM = 48.4 LF	16	5%	16	CY	$ 328.00	**$ 5,346.41**	3.333	54.33	$ 75	**$ 4,075**	$ 9,421	
35		GB-3: 18 X 18 CONCRETE BEAM = 118 LF	10	5%	10	CY	$ 328.00	**$ 3,386.60**	3.333	34.42	$ 75	**$ 2,581**	$ 5,968	
36		GB-3A: 18 X 24 CONCRETE BEAM = 38.3 LF	4	5%	4	CY	$ 328.00	**$ 1,465.61**	3.333	14.89	$ 75	**$ 1,117**	$ 2,583	
37		GB-4: 30 X 30 CONCRETE BEAM = 333.2 LF	77	5%	81	CY	$ 328.00	**$ 26,563.44**	3.333	269.95	$ 75	**$ 20,247**	$ 46,810	
38		GB-5: 42 X 24 CONCRETE BEAM = 33.5 LF	9	5%	9	CY	$ 328.00	**$ 2,991.18**	3.333	30.40	$ 75	**$ 2,280**	$ 5,271	
39		GB-6: 24 X 24 CONCRETE BEAM = 309.4 LF	46	5%	48	CY	$ 328.00	**$ 15,786.28**	3.333	160.43	$ 75	**$ 12,032**	$ 27,818	
40	***S-200/S-200A***	GB-7: 30 X 48 CONCRETE BEAM = 26.5 LF	10	5%	10	CY	$ 328.00	**$ 3,380.22**	3.333	34.35	$ 75	**$ 2,576**	$ 5,957	
41		GB-8: 36 X 84 CONCRETE BEAM = 147.5 LF	115	5%	120	CY	$ 328.00	**$ 39,510.33**	3.333	401.53	$ 75	**$ 30,115**	$ 69,625	
42		GB-9: 36 X 36 CONCRETE BEAM = 201 LF	67	5%	70	CY	$ 328.00	**$ 23,074.80**	3.333	234.50	$ 75	**$ 17,588**	$ 40,662	
43		GB-10: 30 X 36 CONCRETE BEAM = 239.7 LF	67	5%	70	CY	$ 328.00	**$ 22,931.30**	3.333	233.04	$ 75	**$ 17,478**	$ 40,409	
44		GB-11: 66 X 24 CONCRETE BEAM = 6.1 LF	2	5%	3	CY	$ 328.00	**$ 855.90**	3.333	8.70	$ 75	**$ 652**	$ 1,508	
45		GB-12: 8 X 12 CONCRETE BEAM = 71.2 LF	2	5%	2	CY	$ 328.00	**$ 608.49**	3.333	6.18	$ 75	**$ 464**	$ 1,072	
46		FORMWORK	12406	5%	13026	SF	$ 50.00	**$ 651,304.5**	0.015	195.39	$ 75	**$ 14,654**	$ 665,959	
47		REBARS #4 = 45006.8 LF #7 = 5847.4 LF #8 = 35391.8 LF	76	5%	80	TN	$ 1,000.0	**$ 79,800.00**	8.500	678.30	$ 75	**$ 50,873**	$ 130,673	
		CONCRETE BEAM (6000 PSI)												
48		CB-1: 10 X 18 CONCRETE BEAM = 101.6 LF	5	5%	5	CY	$ 328.00	**$ 1,613.48**	3.333	16.40	$ 75	**$ 1,230**	$ 2,843	
49		CB-1A: 12 X 18 CONCRETE BEAM = 21.4 LF	1	5%	1	CY	$ 328.00	**$ 409.45**	3.333	4.16	$ 75	**$ 312**	$ 722	
50		CB-2: 10 X 24 CONCRETE BEAM = 85.9 LF	5	5%	6	CY	$ 328.00	**$ 1,818.87**	3.333	18.48	$ 75	**$ 1,386**	$ 3,205	
51		CB-3: 10 X 24 CONCRETE BEAM = 187.2 LF	12	5%	12	CY	$ 328.00	**$ 3,963.81**	3.333	40.28	$ 75	**$ 3,021**	$ 6,985	
52		CB-5: 8 X 11-1/4 CONCRETE BEAM = 55.7 LF	1	5%	1	CY	$ 328.00	**$ 446.27**	3.333	4.54	$ 75	**$ 340**	$ 786	
53		CB-6: 16 X 11-1/4 CONCRETE BEAM = 116 LF	5	5%	6	CY	$ 328.00	**$ 1,844.93**	3.333	18.75	$ 75	**$ 1,406**	$ 3,251	
54	***S-300/S-404***	CB-7: 24 X 11-1/4 CONCRETE BEAM = 27 LF	2	5%	2	CY	$ 328.00	**$ 645.75**	3.333	6.56	$ 75	**$ 492**	$ 1,138	
55		CB-8: 16 X 11-1/4 CONCRETE BEAM = 47.8 LF	2	5%	2	CY	$ 328.00	**$ 760.24**	3.333	7.73	$ 75	**$ 579**	$ 1,340	
56		FORMWORK	2565	5%	2693	SF	$ 50.00	**$ 134,671.0**	0.015	40.40	$ 75	**$ 3,030**	$ 137,701	
57		REBARS #4 = 5985.5 LF #6 = 1253.4 LF #8 = 2274 LF #11 = 856 LF	11	5%	12	TN	$ 1,000.0	**$ 11,550.00**	8.500	98.18	$ 75	**$ 7,363**	$ 18,913	
		CONCRETE FOUNDATION WALLS (5000 PSI)												
58		10" THICK CONCETE FOUNDATION WALL (2'-0" DEEP) = 157.9 LF	10	5%	10	CY	$ 328.00	**$ 3,343.41**	3.333	33.98	$ 75	**$ 2,548**	$ 5,892	
59		14" THICK CONCRETE FOUNDATION WALL (3'-4" DEEP) = 113 LF	16	5%	17	CY	$ 328.00	**$ 5,615.75**	3.333	57.07	$ 75	**$ 4,280**	$ 9,896	
60		8" THICK CONCRETE KNEE WALL (3'-4" DEEP) = 569 LF	47	5%	49	CY	$ 328.00	**$ 16,193.13**	3.333	164.56	$ 75	**$ 12,342**	$ 28,535	
61		14" THICK CONCRETE FOUNDATION WALL (1'-6" DEEP) = 39.1 LF	3	5%	3	CY	$ 328.00	**$ 875.29**	3.333	8.90	$ 75	**$ 667**	$ 1,542	
62		8" THICK CONCRETE KNEE WALL (2'-4" DEEP) = 30.1 LF	2	5%	2	CY	$ 328.00	**$ 599.37**	3.333	6.09	$ 75	**$ 457**	$ 1,056	
63	***S-200/S-200A***	8" THICK CONCREET KNEE WALL (4'-4" DEEP) = 24.6 LF	3	5%	3	CY	$ 328.00	**$ 910.33**	3.333	9.25	$ 75	**$ 694**	$ 1,604	
64		14" THICK CONCRETE FOUNDATION WALL (5'-4" DEEP) = 54.4 LF	13	5%	13	CY	$ 328.00	**$ 4,327.24**	3.333	43.98	$ 75	**$ 3,298**	$ 7,625	
65		FORMWORK	6224	5%	6535	SF	$ 50.00	**$ 326,771.9**	0.015	98.03	$ 75	**$ 7,352**	$ 334,124	
66		REBARS #4 = 905.2 LF #5 = 11200.4 LF #6 = 3114.5 LF #7 = 1912.7 LF	13	5%	14	TN	$ 1,000.0	**$ 13,650.00**	8.500	116.03	$ 75	**$ 8,702**	$ 22,352	
		ELEVATOR PIT (5000 PSI)												
67		12" THICK ELEVATOR PIT CONCRETE WALL (3'-10" DEEP) = 56.9 LF	8	5%	8	CY	$ 328.00	**$ 2,779.78**	3.333	28.25	$ 75	**$ 2,119**	$ 4,899	
68	***S-200***	FORMWORK	436	5%	458	SF	$ 50.00	**$ 22,882.3**	0.015	6.86	$ 75	**$ 515**	$ 23,397	
69		REBARS #6 = 435.9 LF #8 = 1268.9 LF	2	5%	2	TN	$ 1,000.0	**$ 2,310.00**	8.500	19.64	$ 75	**$ 1,473**	$ 3,783	
		CONCRETE SHEAR WALLS (6000 PSI)												
70		CSW-1: 10" THICK CONCRETE SHEARWALL (12'-0" HIGH) = 84.9 LF	31	5%	33	CY	$ 328.00	**$ 10,792.50**	3.333	109.68	$ 75	**$ 8,226**	$ 19,018	
71		CSW-1: 10" THICK CONCRETE SHEARWALL (11'-0" HIGH) = 169.90 LF	57	5%	60	CY	$ 328.00	**$ 19,786.25**	3.333	201.08	$ 75	**$ 15,081**	$ 34,867	
72		CSW-1: 10" THICK CONCRETE SHEARWALL (10'-1" HIGH) = 169.90 LF	53	5%	55	CY	$ 328.00	**$ 18,113.41**	3.333	184.08	$ 75	**$ 13,806**	$ 31,919	
73		CSW-1: 10" THICK CONCRETE SHEARWALL (10'-0" HIGH) = 254.85 LF	78	5%	82	CY	$ 328.00	**$ 26,981.25**	3.333	274.20	$ 75	**$ 20,565**	$ 47,546	
74		CSW-1: 10" THICK CONCRETE SHEARWALL (11'-0" HIGH) = 84.95 LF	29	5%	30	CY	$ 328.00	**$ 9,893.13**	3.333	100.54	$ 75	**$ 7,540**	$ 17,434	
75		CSW-1: 10" THICK CONCRETE SHEARWALL (14'-4" HIGH) = 84.95 LF	37	5%	39	CY	$ 328.00	**$ 12,888.05**	3.333	130.98	$ 75	**$ 9,823**	$ 22,711	
76		CSW-2: 10" THICK CONCRETE SHEARWALL (12'-0" HIGH) = 52.89 LF	19	5%	20	CY	$ 328.00	**$ 6,694.02**	3.333	68.03	$ 75	**$ 5,102**	$ 11,796	
77		CSW-2: 10" THICK CONCRETE SHEARWALL (11'-0" HIGH) = 105.78 LF	36	5%	38	CY	$ 328.00	**$ 12,318.95**	3.333	125.19	$ 75	**$ 9,389**	$ 21,708	
78		CSW-2: 10" THICK CONCRETE SHEARWALL (10'-1" HIGH) = 105.78 LF	33	5%	34	CY	$ 328.00	**$ 11,277.44**	3.333	114.61	$ 75	**$ 8,596**	$ 19,873	
79		CSW-2: 10" THICK CONCRETE SHEARWALL (10'-3" HIGH) = 52.89 LF	17	5%	17	CY	$ 328.00	**$ 5,739.51**	3.333	58.33	$ 75	**$ 4,375**	$ 10,114	
80		CSW-3: 12" THICK CONCRETE SHEARWALL (12'-0" HIGH) = 52.06 LF	23	5%	24	CY	$ 328.00	**$ 7,968.65**	3.333	80.98	$ 75	**$ 6,074**	$ 14,042	

Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOUR	LABOR RATE	TOTAL LABOR	TOTAL COST	TRADE COST
81		CSW-3: 12" THICK CONCRETE SHEARWALL (11'-0" HIGH) = 52.06 LF	21	5%	22	CY	$ 328.00	$ 7,304.60	3.333	74.23	$ 75	$ 5,568	$ 12,872	
82	S-206	CSW-3: 12" THICK CONCRETE SHEARWALL (11'-0" HIGH) = 51.43 LF	21	5%	22	CY	$ 328.00	$ 7,216.20	3.333	73.34	$ 75	$ 5,500	$ 12,716	
83		CSW-3: 12" THICK CONCRETE SHEARWALL (10'-1" HIGH) = 51.43 LF	19	5%	20	CY	$ 328.00	$ 6,606.10	3.333	67.14	$ 75	$ 5,035	$ 11,641	
84		CSW-3: 12" THICK CONCRETE SHEARWALL (10'-0" HIGH) = 208.24 LF	77	5%	81	CY	$ 328.00	$ 26,562.17	3.333	269.94	$ 75	$ 20,246	$ 46,808	
85		CSW-3: 12" THICK CONCRETE SHEARWALL (11'-0" HIGH) = 51.43 LF	21	5%	22	CY	$ 328.00	$ 7,216.20	3.333	73.34	$ 75	$ 5,500	$ 12,716	
86		CSW-3: 12" THICK CONCRETE SHEARWALL (14'-4" HIGH) = 51.43 LF	27	5%	29	CY	$ 328.00	$ 9,400.74	3.333	95.54	$ 75	$ 7,165	$ 16,566	
87		CSW-4: 12" THICK CONCRETE SHEARWALL (12'-0" HIGH) = 88.15 LF	39	5%	41	CY	$ 328.00	$ 13,492.83	3.333	137.12	$ 75	$ 10,284	$ 23,777	
88		CSW-5: 12" THICK CONCRETE SHEARWALL (12'-0" HIGH) = 86.51 LF	38	5%	40	CY	$ 328.00	$ 13,240.27	3.333	134.56	$ 75	$ 10,092	$ 23,332	
89		CSW-6: 12" THICK CONCRETE SHEARWALL (12'-0" HIGH) = 19.17 LF	9	5%	9	CY	$ 328.00	$ 2,934.29	3.333	29.82	$ 75	$ 2,237	$ 5,171	
90		CSW-6: 12" THICK CONCRETE SHEARWALL (11'-0" HIGH) = 12.69 LF	5	5%	5	CY	$ 328.00	$ 1,780.55	3.333	18.10	$ 75	$ 1,357	$ 3,138	
91		FORMWORK	41649	5%	43732	SF	$ 50.00	$ 2,186,598.3	0.015	655.98	$ 75	$ 49,198	$ 2,235,797	
92		REBARS #4 = 2308 LF #5 = 22047.3 LF #6 = 58832.1 LF #7 = 24506.9 LF #8 = 13294.4 LF	105	5%	110	TN	$ 1,000.0	$ 110,250.00	8.500	937.13	$ 75	$ 70,284	$ 180,534	
		CONCRETE COLUMN (6000 PSI)												
93		14 X 26 CONCRETE COLUMN (24' H) = 43 EACH	97	5%	102	CY	$ 328.00	$ 33,421.40	3.333	339.65	$ 75	$ 25,474	$ 58,895	
94		18 X 26 CONCRETE COLUMN (24' H) = 20 EACH	51	5%	54	CY	$ 328.00	$ 17,670.63	3.333	179.58	$ 75	$ 13,468	$ 31,139	
95		18 X 36 CONCRETE COLUMN (24' H) = 1 EACH	54	5%	57	CY	$ 328.00	$ 18,597.60	3.333	189.00	$ 75	$ 14,175	$ 32,773	
96		18 X 30 CONCRETE COLUMN (24' H) = 1 EACH	3	5%	4	CY	$ 328.00	$ 1,148.00	3.333	11.67	$ 75	$ 875	$ 2,023	
97		18 X 20 CONCRETE COLUMN (24' H) = 1 EACH	2	5%	2	CY	$ 328.00	$ 766.86	3.333	7.79	$ 75	$ 585	$ 1,351	
98		20 X 26 CONCRETE COLUMN (24' H) = 8 EACH	26	5%	27	CY	$ 328.00	$ 8,875.17	3.333	90.19	$ 75	$ 6,765	$ 15,640	
99		22 X 26 CONCRETE COLUMN (24' H) = 2 EACH	7	5%	7	CY	$ 328.00	$ 2,431.37	3.333	24.71	$ 75	$ 1,853	$ 4,285	
100		14 X48 CONCRETE COLUMN (12' H) = 1 EACH	2	5%	2	CY	$ 328.00	$ 716.35	3.333	7.28	$ 75	$ 546	$ 1,262	
101		14 X48 CONCRETE COLUMN (12' H) = 1 EACH	2	5%	2	CY	$ 328.00	$ 716.35	3.333	7.28	$ 75	$ 546	$ 1,262	
102		20" DIA CONCRETE COLUMN (24' H) = 1 EACH	2	5%	2	CY	$ 328.00	$ 662.21	3.333	6.73	$ 75	$ 505	$ 1,167	
103		14 X 36 CONCRETE COLUMN (24' H) = 1 EA	3	5%	3	CY	$ 328.00	$ 1,074.53	3.333	10.92	$ 75	$ 819	$ 1,894	
104	S-200/S-200A	26 X 30 CONCRETE COLUMN (24' H) = 2 EACH	10	5%	10	CY	$ 328.00	$ 3,321.55	3.333	33.76	$ 75	$ 2,532	$ 5,853	
105		20 X 30 CONCRETE COLUMN (24' H) = 8 EACH	30	5%	31	CY	$ 328.00	$ 10,224.85	3.333	103.91	$ 75	$ 7,793	$ 18,018	
106		18 X 26 CONCRETE COLUMN (24' H) = 8 EACH	23	5%	24	CY	$ 328.00	$ 7,971.71	3.333	81.01	$ 75	$ 6,076	$ 14,048	
107		20 X 20 CONCRETE COLUMN (24' H) = 1 EACH	2	5%	3	CY	$ 328.00	$ 853.78	3.333	8.68	$ 75	$ 651	$ 1,505	
108		26 X 26 CONCRETE COLUMN (24' H) = 3 EACH	13	5%	13	CY	$ 328.00	$ 4,324.65	3.333	43.95	$ 75	$ 3,296	$ 7,621	
109		16 X 42 CONCRETE COLUMN (24' H) = 1 EACH	4	5%	4	CY	$ 328.00	$ 1,425.05	3.333	14.48	$ 75	$ 1,086	$ 2,511	
110		16 X 12 CONCRETE COLUMN (24' H) = 2 EACH	4	5%	4	CY	$ 328.00	$ 1,425.05	3.333	14.48	$ 75	$ 1,086	$ 2,511	
111		16 X 24 CONCRETE COLUMN (24' H) = 1 EACH	2	5%	2	CY	$ 328.00	$ 814.31	3.333	8.28	$ 75	$ 621	$ 1,435	
112		FORMWORK	18088	5%	18993	SF	$ 50.00	$ 949,627.2	0.015	284.89	$ 75	$ 21,367	$ 970,994	
113		REBARS #4 = 48561.7 LF #7 = 26325.6 LF #8 = 5800.8 LF	54	5%	57	TN	$ 1,000.0	$ 56,700.00	8.500	481.95	$ 75	$ 36,146	$ 92,846	
		STUD RAIL												
114		SR-1: 3/4" DIA, 10-1/2" HIGH STUD RAIL, 11 EA	303	5%	318	EA	$ 46.00	$ 14,633.26	0.018	5.73	$ 75	$ 429	$ 15,063	
115		SR-2: 3/4" DIA, 10-1/2" HIGH STUD RAIL, 5 EA	195	5%	205	EA	$ 46.00	$ 9,418.50	0.018	3.69	$ 75	$ 276	$ 9,695	
116		SR-3: 3/4" DIA, 12-1/2" HIGH STUD RAIL, 10 EA	275	5%	289	EA	$ 46.00	$ 13,282.50	0.018	5.20	$ 75	$ 390	$ 13,672	
117	S-302	SR-4: 3/4" DIA, 14-1/2" HIGH STUD RAIL, 9 EA	352	5%	370	EA	$ 46.00	$ 17,001.60	0.018	6.65	$ 75	$ 499	$ 17,501	
118		SR-5: 3/4" DIA, 16-1/2" HIGH STUD RAIL, 37 EA	690	5%	725	EA	$ 46.00	$ 33,327.00	0.018	13.04	$ 75	$ 978	$ 34,305	
119		SR-6: 3/4" DIA, 16-1/2" HIGH STUD RAIL, 5 EA	676	5%	710	EA	$ 46.00	$ 32,650.80	0.018	12.78	$ 75	$ 958	$ 33,609	
120		SR-7: 3/4" DIA, 16-1/2" HIGH STUD RAIL, 25 EA	1681	5%	1765	EA	$ 46.00	$ 81,193.36	0.018	31.77	$ 75	$ 2,383	$ 83,576	
		TOPPING/RAMP SLAB (6000 PSI)												
121		4"TH. CONCRETE RAMP SLAB = 563.5 SF	7	5%	7	CY	$ 328.00	$ 2,371.96	3.333	24.11	$ 75	$ 1,808	$ 4,180	
122		4"TH. CONCRETE TOPPING SLAB = 326 SF	4	5%	5	CY	$ 328.00	$ 1,502.35	3.333	15.27	$ 75	$ 1,145	$ 2,647	
123		W.W.F. 6.0X6.0 - WW2.9XW2.9	890	5%	934	SF	$ 1.25	$ 1,167.47	0.250	233.49	$ 75	$ 17,512	$ 18,680	
124	S-200/S-200A	FLAT WORK	890	5%	934	SF	$ 2.58	$ 2,409.66	0.015	14.01	$ 75	$ 1,051	$ 3,460	
125		8" TH. STYROFOAM	378	5%	396	CF	$ 2.98	$ 1,181.34	0.150	59.46	$ 75	$ 4,460	$ 5,641	
126		COMPACTED GRANULAR FILL	10	5%	11	CY	$ 328.00	$ 3,451.40	3.333	35.08	$ 75	$ 2,631	$ 6,082	
127		FORMWORK	124	5%	130	SF	$ 50.00	$ 6,487.3	0.015	1.95	$ 75	$ 146	$ 6,633	
		POOL SLAB (6000 PSI)												
128		SL-5: 24" TH. CONCRETE POOL SLAB = 800.89 SF	59	5%	62	CY	$ 328.00	$ 20,431.59	3.333	207.64	$ 75	$ 15,573	$ 36,004	
129		6" THICK CONCRETE POOL SLAB = 593.43 SF	11	5%	12	CY	$ 328.00	$ 3,784.76	3.333	38.46	$ 75	$ 2,885	$ 6,669	
130		10 MIL VAPOR BARRIER	1394	5%	1464	SF	$ 3.45	$ 5,049.77	0.016	23.13	$ 75	$ 1,734	$ 6,784	
131		6" TH. CLEAN GRANULAR FILL	26	5%	27	CY	$ 328.00	$ 8,890.62	3.333	90.35	$ 75	$ 6,776	$ 15,667	
132		12" THICK CRUSHED STONE	22	5%	23	CY	$ 328.00	$ 7,569.53	3.333	76.93	$ 75	$ 5,769	$ 13,339	
133	S-200A	VISIBLE DEMARCATION BARRIER	1394	5%	1464	SF	$ 3.25	$ 4,757.03	0.028	40.98	$ 75	$ 3,074	$ 7,831	
134		FLAT WORK	1394	5%	1464	SF	$ 2.58	$ 3,776.35	0.015	21.96	$ 75	$ 1,647	$ 5,423	
135		FORMWORK	60	5%	63	SF	$ 50.00	$ 3,150.0	0.015	0.95	$ 75	$ 71	$ 3,221	
136		REBARS #4 = 750.7 LF #7 = 1922.3 LF #8 = 2401.6 LF	9	5%	9	TN	$ 1,000.0	$ 9,397.50	8.500	79.88	$ 75	$ 5,991	$ 15,388	
		SLAB ON GRADE (5000 PSI)												
137		SL-1: 12" TH. CONCRETE SLAB ON GRADE = 50442.41 SF	1930	5%	2026	CY	$ 328.00	$ 664,558.89	3.333	6753.65	$ 75	$ 506,524	$ 1,171,082	
138		SL-1A: 12" TH. CONCRETE SLAB ON GRADE = 3847.1 SF	142	5%	150	CY	$ 328.00	$ 49,071.90	3.333	498.70	$ 75	$ 37,402	$ 86,474	
139		10 MIL VAPOR BARRIER	54290	5%	57004	SF	$ 3.45	$ 196,663.75	0.016	900.66	$ 75	$ 67,550	$ 264,213	
140		6" TH. CLEAN GRANULAR FILL	1005	5%	1056	CY	$ 328.00	$ 346,249.56	3.333	3518.80	$ 75	$ 263,910	$ 610,159	
141		VISIBLE DEMARCATION BARRIER	54290	5%	57004	SF	$ 3.25	$ 185,262.95	0.028	1596.11	$ 75	$ 119,708	$ 304,971	
142	S-200A	FLAT WORK	54290	5%	57004	SF	$ 2.58	$ 147,070.28	0.015	855.06	$ 75	$ 64,129	$ 211,200	
143		FORMWORK	1505	5%	1580	SF	$ 50.00	$ 79,012.5	0.015	23.70	$ 75	$ 1,778	$ 80,790	
144		REBARS #4 = 136.5 LF #5 = 3134.5 LF #6 = 175310.1 LF	140	5%	147	TN	$ 1,000.0	$ 147,000.00	8.500	1249.50	$ 75	$ 93,713	$ 240,713	
		STRUCTURAL SLAB (6000 PSI)												
145		SL-1: 12" TH. REINFORCED CONCRETE SLAB = 25891.36 SF	959	5%	1007	CY	$ 328.00	$ 330,258.68	3.333	3356.29	$ 75	$ 251,722	$ 581,980	
146		SL-2: 16" TH. REINFORCED CONCRETE SLAB = 6759.02 SF	333	5%	350	CY	$ 328.00	$ 114,666.02	3.333	1165.31	$ 75	$ 87,398	$ 202,064	
147		SL-3: 27" TH. REINFORCED CONCRETE SLAB = 24782 SF	2082	5%	2186	CY	$ 328.00	$ 717,161.15	3.333	7288.22	$ 75	$ 546,617	$ 1,263,778	
148		SL-4: 18" TH. REINFORCED CONCRETE SLAB = 3815.64 SF	212	5%	223	CY	$ 328.00	$ 73,005.91	3.333	741.93	$ 75	$ 55,645	$ 128,651	
149		SL-6: 14" TH. REINFORCED CONCRETE SLAB = 6320.58 SF	274	5%	288	CY	$ 328.00	$ 94,328.34	3.333	958.62	$ 75	$ 71,897	$ 166,225	
150		4" TH. REINFORCED CONCRETE SLAB ON JACK SPRINGS = 806.8 SF	14	5%	14	CY	$ 328.00	$ 4,650.09	3.333	47.26	$ 75	$ 3,544	$ 8,194	
151		6X6-W2.9XW2.9 WELDED WIRE MESH	807	5%	847	SF	$ 3.21	$ 2,719.32	0.254	215.17	$ 75	$ 16,138	$ 18,857	
152	S-300/S-302	8 X 6 REINFORCED CONCRETE CURB = 27 LF	0	5%	0	CY	$ 328.00	$ 115.37	3.333	1.17	$ 75	$ 88	$ 203	
153		8 X 12 REINFORCED CONCRETE CURB = 188 LF	5	5%	5	CY	$ 328.00	$ 1,606.69	3.333	16.33	$ 75	$ 1,225	$ 2,831	
154		FLAT WORK	68375	5%	71794	SF	$ 2.58	$ 185,228.96	0.015	1076.91	$ 75	$ 80,768	$ 265,997	
155		FORMWORK	71508	5%	75084	SF	$ 50.00	$ 3,754,191.7	0.015	1126.26	$ 75	$ 84,469	$ 3,838,661	
156		REBARS #5 = 2056.9 LF #6 = 135384.5 LF #7 = 69777.7 LF #8 = 15492.4 LF	210	5%	221	TN	$ 1,000.0	$ 220,500.00	8.500	1874.25	$ 75	$ 140,569	$ 361,069	
		COMPOSITE SLAB (4000 PSI)												
157		FS-1: 3-1/4" LIGHT WEIGHT CONCRETE SLAB OVER DECK = 77894 SF	1224	5%	1285	CY	$ 328.00	$ 421,599.06	3.333	4284.54	$ 75	$ 321,341	$ 742,940	
158		FS-2: 3-1/4" LIGHT WEIGHT CONCRETE SLAB OVER DECK = 30995.4 SF	625	5%	656	CY	$ 328.00	$ 215,327.70	3.333	2188.29	$ 75	$ 164,122	$ 379,449	
159		FD-1: 5" LIGHT WEIGHT CONCRETE SLAB OVER DECK = 17235 SF	274	5%	287	CY	$ 328.00	$ 94,194.72	3.333	957.26	$ 75	$ 71,795	$ 165,989	
160		6 X 14 REINFORCED CONCRETE CURB = 72.22 LF	2	5%	2	CY	$ 328.00	$ 538.91	3.333	5.48	$ 75	$ 411	$ 950	
161		6 X 9 REINFORCED CONCRETE CURB = 57.76 LF	1	5%	1	CY	$ 328.00	$ 276.29	3.333	2.81	$ 75	$ 211	$ 487	
162	S-400/S-404	W.W.F. 6.0X6.0 - WW2.9XW2.9	126124	5%	132431	SF	$ 3.21	$ 425,102.29	0.254	33637.38	$ 75	$ 2,522,803	$ 2,947,906	
163		FLAT WORK	126124	5%	132431	SF	$ 2.58	$ 341,671.00	0.015	1986.46	$ 75	$ 148,984	$ 490,655	
164		FORMWORK	1547	5%	1624	SF	$ 50.00	$ 81,193.6	0.015	24.36	$ 75	$ 1,827	$ 83,021	
165		REBARS #4 = 21175.8 LF #5 = 3120.9 LF #6 = 15252 LF #7 = 58466.4 LF #8 = 23190 LF	116	5%	122	TN	$ 1,000.0	$ 121,800.00	8.500	1035.30	$ 75	$ 77,648	$ 199,448	
		CONCRETE STAIRS (5000 PSI)												
166		3'-9" WIDE CONCRETE STAIRS, 463 RISERS	64	5%	68	CY	$ 328.00	$ 22,146.83	3.333	225.07	$ 75	$ 16,880	$ 39,027	
167		4'-3" WIDE CONCRETE STAIRS, 5 RISERS	1	5%	1	CY	$ 328.00	$ 238.53	3.333	2.42	$ 75	$ 182	$ 420	
168		4'-9" WIDE CONCRETE STAIRS, 9 RISERS	1	5%	1	CY	$ 328.00	$ 266.59	3.333	2.71	$ 75	$ 203	$ 470	
169	S-300/S-302	8" TH. CONCETE LANDING SLAB	1	5%	1	CY	$ 328.00	$ 266.59	3.333	2.71	$ 75	$ 203	$ 470	
170		FLAT WORK	1841	5%	1933	SF	$ 2.58	$ 4,986.40	0.015	28.99	$ 75	$ 2,174	$ 7,161	
171		FORMWORK	2850	5%	2993	SF	$ 50.00	$ 149,625.0	0.015	44.89	$ 75	$ 3,367	$ 152,992	
		PLEASE VERIFY REINFORCEMENT IN THE FIELD, AS NO DETAIL IS PROVIDED.												
		CONCRETE CONDENSOR UNITS (4000 PSI)												
172		6" TH. CONCRETE FOR CONDENSOR PAD = 728.56 SF	13	5%	14	CY	$ 328.00	$ 4,646.59	3.333	47.22	$ 75	$ 3,542	$ 8,188	

Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOUR	LABOR RATE	TOTAL LABOR	TOTAL COST	TRADE COST
173	*S-400/S-404*	6" TH. CONCRETE FOR ROOFTOP EQUIPMENT PAD = 228 SF	4	5%	4	CY	$ 328.00	**$ 1,454.13**	3.333	14.78	$ 75	**$ 1,108**	$ 2,562	
174		FORMWORK	600	5%	630	SF	$ 50.00	**$ 31,508.9**	0.015	9.45	$ 75	**$ 709**	$ 32,218	
		PLEASE VERIFY THE FIELD, AS NO DETAIL IS PROVIDED.												
		EXCAVATION												
175	*S-200/S-200A*	EXCAVATION FOR FOOTING @ 20% FLUFF	12064	5%	12667	CY	$ -	**$ -**	0.500	6333.60	$ 75	**$ 475,020**	$ 475,020	
176		BACKFILL @ 20% FLUFF	5003	5%	5253	CY	$ -	**$ -**	0.400	2101.26	$ 75	**$ 157,595**	$ 157,595	
		Subtotal (Concrete)				***Total mat. cost:***		**$ 15,797,460**		***Total labor cost:***		**$ 7,824,104**		**$ 23,621,564**

NOTES FOR CLIENTS

1. This estimate is based on real market prices that are regularly updated by our team persons through market surveys and online resources, we still encourage our clients to put their own.
2. This
3. Feel free to contact us for any queries or suggestions.

Notes:
Metal pan stair are excluded
Mass excavation Excluded.
Only Footing excavation is included. Please Verify

TOTAL TRADES AMOUNT		**$23,703,064**
OVERHEAD	7%	$ 1,659,214
PROFIT	15%	$ 3,555,460
INSURANCE	3%	$ 711,092
CONTINGENCY	2%	$ 474,061
TOTAL BASE BID		**$ 30,102,891**