Building Data Summary	
Project ID:	Commercial - ***********
Location:	
Scope of Work:	**CMU & Concrete**
Date:	

VERACITY ESTIMATING
Construction Estimation Services

SR #	REF. DWG.	CSI DIVISION	DESCRIPTION	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
		1000	**GENERAL REQUIREMENTS**												
1			Supervision and Coordination	LS	1	0%	1	$ -	$ -	0.000	$ -	$ -	$ -	$ 2,500.00	
2			Submittals and Shop drawings	LS	1	0%	1	$ -	$ -	0.000	$ -	$ -	$ -	$ 2,000.00	
3			Final Cleaning	LS	1	0%	1	$ -	$ -	0.000	$ -	$ -	$ -	$ 1,500.00	
4			Mobilization Costs	LS	1	0%	1	$ -	$ -	0.000	$ -	$ -	$ -	$ 1,000.00	
5			Temporary Control & Facilities	LS	1	0%	1	$ -	$ -	0.000	$ -	$ -	$ -	$ 1,200.00	
			SUBTOTAL (General Requirements)						$ -				$ -		$ 8,200.00
		3000	**CONCRETE**												
			Foundation												
			Isolated Footing												
			2F2.5 (2'-6"SQ x 1'-6"D) Column Footing w/ (5) - #4 Top & Bottom Each Way Reinforcement (3 EA)												
6			Concrete	CY	1.05	5%	1.10	$ 245.00	$ 270.11	2.800	$ 55.00	$ 154.00	$ 169.79	$ 439.90	
7			#4 Top & Bottom Reinforcement **(25 LF)**	Lbs.	17	5%	17.85	$ 1.10	$ 19.64	0.015	$ 48.00	$ 0.72	$ 12.85	$ 32.49	
8			Formwork	SF	15	5%	16	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 68.04	$ 68.04	
9			Excavation	CY	1.21	5%	1.27	$ -	$ -	1.100	$ 48.00	$ 52.80	$ 67.08	$ 67.08	
10			Backfill	CY	0.16	5%	0.17	$ -	$ -	0.785	$ 48.00	$ 37.68	$ 6.33	$ 6.33	
			2F4.0 (4'-0"SQ x 1'-6"D) Column Footing w/ (5) - #5 Top & Bottom Each Way Reinforcement (1 EA)												
11			Concrete	CY	0.89	5%	0.93	$ 245.00	$ 228.95	2.800	$ 55.00	$ 154.00	$ 143.91	$ 372.87	
12			#4 Top & Bottom Reinforcement **(80 LF)**	Lbs.	54	5%	57	$ 1.10	$ 62.37	0.015	$ 48.00	$ 0.72	$ 40.82	$ 103.19	
13			Formwork	SF	24	5%	25	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 108.86	$ 108.86	
14			Excavation	CY	1.03	5%	1.08	$ -	$ -	1.100	$ 48.00	$ 52.80	$ 57.10	$ 57.10	
15			Backfill	CY	0.14	5%	0.15	$ -	$ -	0.785	$ 48.00	$ 37.68	$ 5.54	$ 5.54	
			2F5.0 (5'-0"SQ x 1'-6"D) Column Footing w/ (6) - #5 Top & Bottom Each Way Reinforcement (4 EA)												
16			Concrete	CY	5.56	5%	5.84	$ 245.00	$ 1,430.31	2.800	$ 55.00	$ 154.00	$ 899.05	$ 2,329.36	
17			#4 Top & Bottom Reinforcement **(120 LF)**	Lbs.	81	5%	85	$ 1.10	$ 93.56	0.015	$ 48.00	$ 0.72	$ 61.24	$ 154.79	
18			Formwork	SF	30	5%	32	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 136.08	$ 136.08	
19			Excavation	CY	6.40	5%	6.72	$ -	$ -	1.100	$ 48.00	$ 52.80	$ 354.82	$ 354.82	
20			Backfill	CY	0.84	5%	0.88	$ -	$ -	0.785	$ 48.00	$ 37.68	$ 33.23	$ 33.23	
			Continuous Footing												
			2WF2.0 (2'-0"W x 1'-4"D) Wall Footing w/ (3) - #5 Top & Bottom Continuous Reonforcement & #4 Top & Bottom Transverse Reinforcment @ 18" O.C (28 LF)												
21			Concrete	CY	2.76	5%	2.90	$ 245.00	$ 710.01	2.800	$ 55.00	$ 154.00	$ 446.29	$ 1,156.30	
22			(3) - #5 Top & Bottom Reinforcement **(168 LF)**	Lbs.	176	5%	185	$ 1.10	$ 203.28	0.015	$ 48.00	$ 0.72	$ 133.06	$ 336.34	
23			#4 Top & Bottom Transverse Reinforcement **(75 LF)**	Lbs.	51	5%	54	$ 1.10	$ 58.91	0.015	$ 48.00	$ 0.72	$ 38.56	$ 97.46	
24			Formwork	SF	75	5%	79	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 340.20	$ 340.20	
25			Excavation	CY	3.18	5%	3.34	$ -	$ -	1.100	$ 48.00	$ 52.80	$ 176.30	$ 176.30	
26			Backfill	CY	0.42	5%	0.44	$ -	$ -	0.785	$ 48.00	$ 37.68	$ 16.62	$ 16.62	
			2WF2.5 (2'-6"W x 1'-4"D) Wall Footing w/ (3) - #5 Top & Bottom Continuous Reonforcement & #4 Top & Bottom Transverse Reinforcment @ 18" O.C (365 LF)												
27			Concrete	CY	44.95	5%	47.20	$ 245.00	$ 11,563.39	2.800	$ 55.00	$ 154.00	$ 7,268.42	$ 18,831.80	
28			(3) - #5 Top & Bottom Reinforcement **(2190 LF)**	Lbs.	2285	5%	2399	$ 1.10	$ 2,639.18	0.015	$ 48.00	$ 0.72	$ 1,727.46	$ 4,366.64	
29			#4 Top & Bottom Transverse Reinforcement **(1217 LF)**	Lbs.	813	5%	854	$ 1.10	$ 939.02	0.015	$ 48.00	$ 0.72	$ 614.63	$ 1,553.64	
30			Formwork	SF	971	5%	1020	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 4,404.46	$ 4,404.46	
31			Excavation	CY	51.70	5%	54.29	$ -	$ -	1.100	$ 48.00	$ 52.80	$ 2,866.25	$ 2,866.25	
32			Backfill	CY	6.75	5%	7.09	$ -	$ -	0.785	$ 48.00	$ 37.68	$ 267.06	$ 267.06	
			2WF3.0 (3'-0"W x 1'-4"D) Wall Footing w/ (4) - #5 Top & Bottom Continuous Reonforcement & #4 Top & Bottom Transverse Reinforcment @ 16" O.C (145 LF)												
33			Concrete	CY	21.48	5%	22.55	$ 245.00	$ 5,525.73	2.800	$ 55.00	$ 154.00	$ 3,473.32	$ 8,999.05	
34			(4) - #5 Top & Bottom Reinforcement **(1160 LF)**	Lbs.	1210	5%	1271	$ 1.10	$ 1,397.55	0.015	$ 48.00	$ 0.72	$ 914.76	$ 2,312.31	
35			#4 Top & Bottom Transverse Reinforcement **(580 LF)**	Lbs.	388	5%	407	$ 1.10	$ 448.14	0.015	$ 48.00	$ 0.72	$ 293.33	$ 741.47	
36			Formwork	SF	386	5%	405	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 1,750.90	$ 1,750.90	
37			Excavation	CY	24.71	5%	25.95	$ -	$ -	1.100	$ 48.00	$ 52.80	$ 1,369.92	$ 1,369.92	
38			Backfill	CY	3.23	5%	3.39	$ -	$ -	0.785	$ 48.00	$ 37.68	$ 127.79	$ 127.79	
			Slab On Grade												
			(4" Thick) Concrete Slab w/ (6x6 - W2.1xW2.1) Welded Wire Mesh (5030 SF)												
39			Concrete	CY	62.03	5%	65.13	$ 245.00	$ 15,957.22	2.800	$ 55.00	$ 154.00	$ 10,030.25	$ 25,987.47	
40			(6x6 - W2.1xW2.1) Welded Wire Mesh	SF	5030	5%	5282	$ 3.15	$ 16,636.73	0.020	$ 55.00	$ 1.10	$ 5,809.65	$ 22,446.38	
41			(4" Thick) Compacted Subbase	SF	5030	5%	5282	$ 0.49	$ 2,587.94	0.004	$ 55.00	$ 0.22	$ 1,161.93	$ 3,749.87	
42			Formwork	SF	140	5%	147	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 635.04	$ 635.04	
			(8" Thick) Concrete Slab w/ #4 @ 12" O.C Each Way Reinforcment (3310 SF)												
43			Concrete	CY	81.72	5%	85.81	$ 245.00	$ 21,022.47	2.800	$ 55.00	$ 154.00	$ 13,214.12	$ 34,236.59	
44			#4 Reinforcement **(6620 LF)**	Lbs.	4423	5%	4644	$ 1.10	$ 5,108.57	0.015	$ 48.00	$ 0.72	$ 3,343.79	$ 8,452.35	
45			(4" Thick) Compacted Subbase	SF	6620	5%	6951	$ 0.49	$ 3,405.99	0.004	$ 55.00	$ 0.22	$ 1,529.22	$ 4,935.21	
46			Formwork	SF	165	5%	173	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 748.44	$ 748.44	
			(12" Thick) Islated Slab w/ #5 Reinforcment @ 12" O.C Bottom Each Way Reinforcement (20 SF)												
47			Concrete	CY	0.74	5%	0.78	$ 245.00	$ 190.37	2.800	$ 55.00	$ 154.00	$ 119.66	$ 310.02	
48			#5 Reinforcement **(40 LF)**	Lbs.	42	5%	44	$ 1.10	$ 48.51	0.015	$ 48.00	$ 0.72	$ 31.75	$ 80.26	
49			(4" Thick) Compacted Subbase	SF	20	5%	21	$ 0.49	$ 10.29	0.004	$ 55.00	$ 0.22	$ 4.62	$ 14.91	
50			Formwork	SF	16	5%	17	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 72.58	$ 72.58	
			Thickened Slab Edge												
			TS-1 (8"W x 8"D) Thickened Slab Edge w/ (1) - #5 Top Reinforcment (130 LF)												
51			Concrete	CY	2.15	5%	2.26	$ 245.00	$ 553.09	2.800	$ 55.00	$ 154.00	$ 347.66	$ 900.74	
52			#5 Reinforcement **(130 LF)**	Lbs.	136	5%	143	$ 1.10	$ 157.08	0.015	$ 48.00	$ 0.72	$ 102.82	$ 259.90	
			TS-2 (2'-6"W x 2'-0"D) Thickened Slab Edge (80 LF)												
53			Concrete	CY	14.82	5%	15.56	$ 245.00	$ 3,812.45	2.800	$ 55.00	$ 154.00	$ 2,396.39	$ 6,208.84	
			TS-3 (1'-0"W x 8" D) Thickened Slab Edge w/ (2) - #5 Bottom Reinforcemnet (55 LF)												
54			Concrete	CY	1.37	5%	1.44	$ 245.00	$ 352.43	2.800	$ 55.00	$ 154.00	$ 221.53	$ 573.96	
55			#5 Reinforcement **(110 LF)**	Lbs.	115	5%	121	$ 1.10	$ 132.83	0.015	$ 48.00	$ 0.72	$ 86.94	$ 219.77	
	CS-1001 S-201		**TS-4 (1'-0"W x 1'-0" D) Thicknded SLab Edge w/ (1) - #5 Top & (2) - #5 Bottom Reinforcment (55 LF)**												
56	S-202		Concrete	CY	2.03	5%	2.13	$ 245.00	$ 522.22	2.800	$ 55.00	$ 154.00	$ 328.25	$ 850.47	
57	S-203		#5 Reinforcement **(165 LF)**	Lbs.	173	5%	182	$ 1.10	$ 199.82	0.015	$ 48.00	$ 0.72	$ 130.79	$ 330.60	

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			(8" Thick x 8" High) Concrete Curb w/ (2) #4 Continuous & #4 @ 18" O.C Vertical Reinforcement (35 LF)												
58			Concrete	CY	0.58	5%	0.61	$ 245.00	$ 149.21	2.800	$ 55.00	$ 154.00	$ 93.79	$ 242.99	
59			#4 Continuous Reinforcement **(70 LF)**	Lbs.	47	5%	49	$ 1.10	$ 54.29	0.015	$ 48.00	$ 0.72	$ 35.53	$ 89.82	
60			#4 Vertical Reinforcement **(35 LF)**	Lbs.	24	5%	25	$ 1.10	$ 27.72	0.015	$ 48.00	$ 0.72	$ 18.14	$ 45.86	
			(2'-0"W x 8" D) Thickened Slab @ Trench Drain w/ (3) - #4 Continuous Bottom Reinforcment (155 LF)												
61			Concrete	CY	7.69	5%	8.07	$ 245.00	$ 1,978.25	2.800	$ 55.00	$ 154.00	$ 1,243.47	$ 3,221.73	
62			#4 Continuous Reinforcement **(465 LF)**	Lbs.	311	5%	327	$ 1.10	$ 359.21	0.015	$ 48.00	$ 0.72	$ 235.12	$ 594.32	
			Concrete Pier												
			(1'-8"SQ x 1'-4"D) Concrete Pier @ Steel Column (5 EA)												
63			Concrete	CY	0.69	5%	0.72	$ 245.00	$ 177.50	2.800	$ 55.00	$ 154.00	$ 111.57	$ 289.08	
64			Formwork	SF	8.90	5%	9	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 40.39	$ 40.39	
65			Excavation	CY	0.80	5%	0.84	$ -	$ -	1.100	$ 48.00	$ 52.80	$ 44.35	$ 44.35	
66			Backfill	CY	0.11	5%	0.12	$ -	$ -	0.785	$ 48.00	$ 37.68	$ 4.35	$ 4.35	
			Ground Floor												
			Concrete Column												
			(8"x8") Concrete Column w/ (4) - #4 Longitudinal & #3 Ties @ 8" O.C (12'-0" H) (4 EA)												
67			Concrete	CY	0.79	5%	0.83	$ 245.00	$ 203.23	2.800	$ 55.00	$ 154.00	$ 127.74	$ 330.97	
68			#4 Longitudinal Reinforcement **(192 LF)**	Lbs.	129	5%	135	$ 1.10	$ 149.00	0.015	$ 48.00	$ 0.72	$ 97.52	$ 246.52	
69			#3 Ties Reuinforcement **(192 LF)**	Lbs.	73	5%	77	$ 1.10	$ 84.32	0.015	$ 48.00	$ 0.72	$ 55.19	$ 139.50	
			(8"x8") Concrete Column w/ (4) - #4 Longitudinal & #3 Ties @ 8" O.C (8'-1" H) (3 EA)												
70			Concrete	CY	0.41	5%	0.43	$ 245.00	$ 105.47	2.800	$ 55.00	$ 154.00	$ 66.30	$ 171.77	
71			#4 Longitudinal Reinforcement **(97 LF)**	Lbs.	65	5%	68	$ 1.10	$ 75.08	0.015	$ 48.00	$ 0.72	$ 49.14	$ 124.22	
72			#3 Ties Reuinforcement **(97 LF)**	Lbs.	37	5%	39	$ 1.10	$ 42.74	0.015	$ 48.00	$ 0.72	$ 27.97	$ 70.71	
			Concrete Beam												
			CB-1 (7-5/8"W x 24"D) Concrete Beam w/ (2) - #5 Top & Bottom Continuous & #3 Ties @ 8" O.C Reinforcemnt (375 LF)												
73			Concrete	CY	17.64	5%	18.52	$ 245.00	$ 4,537.89	2.800	$ 55.00	$ 154.00	$ 2,852.39	$ 7,390.28	
74			#5 Top & Bottom Reinforcement **(1500 LF)**	Lbs.	1565	5%	1643	$ 1.10	$ 1,807.58	0.015	$ 48.00	$ 0.72	$ 1,183.14	$ 2,990.72	
75			#3 Ties Reinforcemnet **(2950 LF)**	Lbs.	1110	5%	1166	$ 1.10	$ 1,282.05	0.015	$ 48.00	$ 0.72	$ 839.16	$ 2,121.21	
76			Formwork	SF	1500	5%	1575	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 6,804.00	$ 6,804.00	
			CB-2 (7-5/8"W x 47"D) Concrete Beam w/ (2) - #6 Top & Bottom Continuous & #3 Ties @ 8" O.C Reinforcement (30 LF)												
77			Concrete	CY	2.77	5%	2.91	$ 245.00	$ 712.58	2.800	$ 55.00	$ 154.00	$ 447.91	$ 1,160.49	
78			#6 Top & Bottom Reinforcement **(120 LF)**	Lbs.	180	5%	189	$ 1.10	$ 207.90	0.015	$ 48.00	$ 0.72	$ 136.08	$ 343.98	
79			#3 Ties Reinforcemnet **(408 LF)**	Lbs.	154	5%	162	$ 1.10	$ 177.87	0.015	$ 48.00	$ 0.72	$ 116.42	$ 294.29	
80			Formwork	SF	235	5%	247	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 1,065.96	$ 1,065.96	
			CB-3 (7-5/8"W x 32"D) Concrete Beam w/ (2) - #6 Top & Bottom Continuous, #3 Ties @ 8" O.C & #5 Continuous Reinforcemnt (17 LF)												
81			Concrete	CY	1.07	5%	1.12	$ 245.00	$ 275.26	2.800	$ 55.00	$ 154.00	$ 173.02	$ 448.28	
82			#6 Top & Bottom Reinforcement **(68 LF)**	Lbs.	103	5%	108	$ 1.10	$ 118.97	0.015	$ 48.00	$ 0.72	$ 77.87	$ 196.83	
83			#5 Reinforcement **(17 LF)**	Lbs.	18	5%	19	$ 1.10	$ 20.79	0.015	$ 48.00	$ 0.72	$ 13.61	$ 34.40	
84			#3 Ties Reinforcemnet **(168 LF)**	Lbs.	64	5%	67	$ 1.10	$ 73.92	0.015	$ 48.00	$ 0.72	$ 48.38	$ 122.30	
85			Formwork	SF	90	5%	95	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 408.24	$ 408.24	
			CB-4 (7-5/8"W x 16"D) Concrete Beam w/ (2) #5 Top & Bottom Continuous, #3 Ties @ 8" O.C Reinforcement (24 LF)												
86			Concrete	CY	0.76	5%	0.80	$ 245.00	$ 195.51	2.800	$ 55.00	$ 154.00	$ 122.89	$ 318.40	
87			#5 Top & Bottom Reinforcement **(96 LF)**	Lbs.	101	5%	106	$ 1.10	$ 116.66	0.015	$ 48.00	$ 0.72	$ 76.36	$ 193.01	
88			#3 Ties Reinforcemnet **(140 LF)**	Lbs.	53	5%	56	$ 1.10	$ 61.22	0.015	$ 48.00	$ 0.72	$ 40.07	$ 101.28	
89			Formwork	SF	64	5%	67	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 290.30	$ 290.30	
			CB-5 (8"W x 8"D) Concrete Beam w/ (2) #5 Top & Bottom Continuous & #3 Ties @ 8" O.C Reinforcemnt (35 LF)												
90			Concrete	CY	0.59	5%	0.62	$ 245.00	$ 151.78	2.800	$ 55.00	$ 154.00	$ 95.40	$ 247.18	
91			#5 Top & Bottom Reinforcement **(140 LF)**	Lbs.	147	5%	154	$ 1.10	$ 169.79	0.015	$ 48.00	$ 0.72	$ 111.13	$ 280.92	
92			#3 Ties Reinforcemnet **(140 LF)**	Lbs.	53	5%	56	$ 1.10	$ 61.22	0.015	$ 48.00	$ 0.72	$ 40.07	$ 101.28	
93			Formwork	SF	47	5%	49	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 213.19	$ 213.19	
			Concrete Walls												
			C8-5-18S (8" Thick) Concrete Wall w/ #5 @ 18" O.C Each Way Reinforcement (4'-0" H) (25 LF)												
94			Concrete	CY	2.49	5%	2.61	$ 245.00	$ 640.55	2.800	$ 55.00	$ 154.00	$ 402.63	$ 1,043.19	
95			#5 Reinforcment **(134 LF)**	Lbs.	140	5%	147	$ 1.10	$ 161.70	0.015	$ 48.00	$ 0.72	$ 105.84	$ 267.54	
96			Formwork	SF	200	5%	210	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 907.20	$ 907.20	
			C8-5-18S (8" Thick) Concrete Wall w/ #5 @ 18" O.C Each Way Reinforcement (4'-10" H) (98 LF)												
97			Concrete	CY	11.75	5%	12.34	$ 245.00	$ 3,022.69	2.800	$ 55.00	$ 154.00	$ 1,899.98	$ 4,922.66	
98			#5 Reinforcment **(632 LF)**	Lbs.	660	5%	693	$ 1.10	$ 762.30	0.015	$ 48.00	$ 0.72	$ 498.96	$ 1,261.26	
99			Formwork	SF	947	5%	994	$ -	$ -	0.090	$ 48.00	$ 4.32	$ 4,295.59	$ 4,295.59	
			Roof												
			Cast In Place Concrete Canopy w/ #4 @ 12" O.C Each Way Top & Bottom Reinforcement (220 SF)												
100			Concrete	CY	6.12	5%	6.43	$ 245.00	$ 1,574.37	2.800	$ 55.00	$ 154.00	$ 989.60	$ 2,563.97	
101			#4 Reinforcement **(440 LF)**	Lbs.	294	5%	309	$ 1.10	$ 339.57	0.015	$ 48.00	$ 0.72	$ 222.26	$ 561.83	
			Site Concrete												
102			(8" Thick) Concrete Pad @ Generator Pad (250 SF)	CY	6.21	5%	6.52	$ 245.00	$ 1,597.52	2.800	$ 55.00	$ 154.00	$ 1,004.16	$ 2,601.68	
			Sidewalk Concrete												
103			(4" Thick) Concrete Sidewalk (3503 SF)	CY	43.21	5%	45.37	$ 245.00	$ 11,115.77	2.800	$ 55.00	$ 154.00	$ 6,987.06	$ 18,102.83	
104			(4" Thick) Compacted Subbase	SF	3503	5%	3678	$ 0.49	$ 1,802.29	0.004	$ 55.00	$ 0.22	$ 809.19	$ 2,611.49	
			SUBTOTAL (Concrete)						$ 130,681.81				$ 104,238.12		$ 234,919.94
		4000	**MASONARY**												
			CMU Wall												
			W8-5-24S (8" H) (55 LF) (8" Thick) CMU Wall w/ #5 @ 24" O.C												
105			(8"x8"x16") CMU Block	EA	41	5%	43	$ 25.00	$ 1,076.25				$ -	$ 1,076.25	
106			Grout Fill	CY	0.84	5%	0.88								
107			#5 Reinforcement **(20 LF)**	Lbs.	21	5%	22								
108			Formwork	SF	74	5%	78	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 314.69	$ 314.69	
			W8-5-24S (2'-8" H) (25 LF) (8" Thick) CMU Wall w/ #5 @ 24" O.C												
109			(8"x8"x16") CMU Block	EA	76	5%	80	$ 25.00	$ 1,995.00				$ -	$ 1,995.00	
110			Grout Fill	CY	0.95	5%	1.00								
111			#5 Reinforcement **(34 LF)**	Lbs.	36	5%	38								
112			Formwork	SF	135	5%	142	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 574.09	$ 574.09	
			W8-5-24S (5'-0" H) (135 LF) (8" Thick) CMU Wall w/ #5 @ 24" O.C												
113			(8"x8"x16") CMU Block	EA	792	5%	832	$ 25.00	$ 20,790.00				$ -	$ 20,790.00	
114			Grout Fill	CY	8.16	5%	8.57								
115			#5 Reinforcement **(540 LF)**	Lbs.	564	5%	592								
116			Formwork	SF	1350	5%	1418	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 5,740.88	$ 5,740.88	

Building Data Summary	
Project ID:	Commercial - ***********
Location:	
Scope of Work:	CMU & Concrete
Date:	

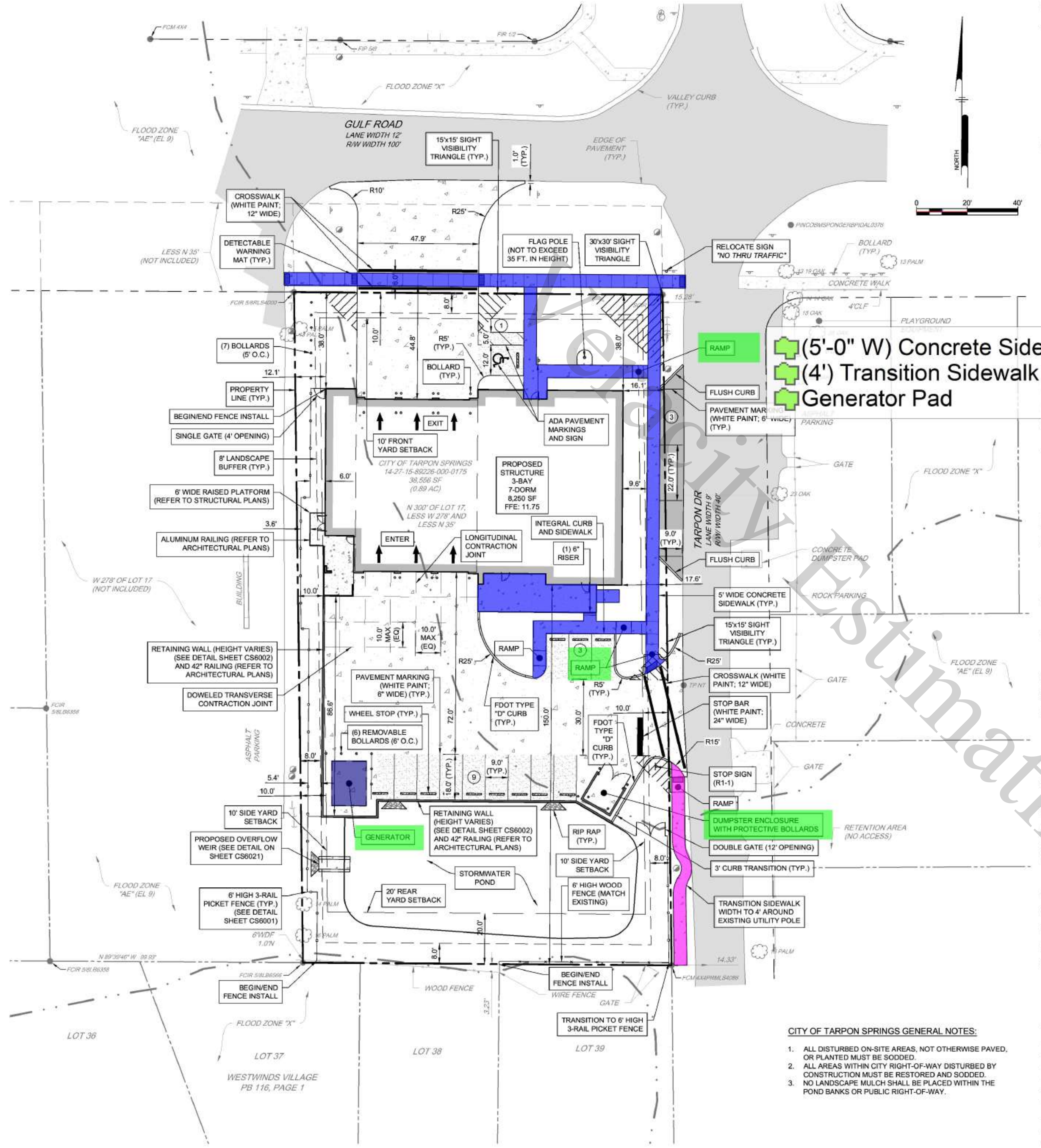
VERACITY ESTIMATING
Construction Estimation Services

SR #	REF. DWG.	CSI DIVISION	DESCRIPTION	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
			W8-5-24S (10'-8" H) (68 LF) **(8" Thick) CMU Wall w/ #5 @ 24" O.C**												
117			(8"x8"x16") CMU Block	EA	800	5%	840	$ 25.00	$ 21,000.00				$ -	$ 21,000.00	
118			Grout Fill	CY	8.67	5%	9.10								
119			#5 Reinforcement **(363 LF)**	Lbs.	379	5%	398								
120			Formwork	SF	1455	5%	1528	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 6,187.39	$ 6,187.39	
			W8-5-24S (13'-8" H) (165 LF) **(8" Thick) CMU Wall w/ #5 @ 24" O.C**												
121			(8"x8"x16") CMU Block	EA	2420	5%	2541	$ 25.00	$ 63,525.00				$ -	$ 63,525.00	
122			Grout Fill	CY	26.04	5%	27.34								
123			#5 Reinforcement **(1130 LF)**	Lbs.	1179	5%	1238								
124			Formwork	SF	4515	5%	4741	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 19,200.04	$ 19,200.04	
			W8-5-24S (15'-8" H) (84 LF) **(8" Thick) CMU Wall w/ #5 @ 24" O.C**												
125			(8"x8"x16") CMU Block	EA	1426	5%	1497	$ 25.00	$ 37,432.50				$ -	$ 37,432.50	
126			Grout Fill	CY	28.52	5%	29.95								
127			#5 Reinforcement **(658 LF)**	Lbs.	687	5%	721								
128			Formwork	SF	2635	5%	2767	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 11,205.34	$ 11,205.34	
	S-201 **S-202** **S-203**		**W8-5-24S (15'-0" H) (165 LF)** **(8" Thick) CMU Wall w/ #5 @ 24" O.C**												
129			(8"x8"x16") CMU Block	EA	2127	5%	2233	$ 25.00	$ 55,833.75				$ -	$ 55,833.75	
130			Grout Fill	CY	28.52	5%	29.95								
131			#5 Reinforcement **(1238 LF)**	Lbs.	1292	5%	1357								
132			Formwork	SF	4950	5%	5198	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 21,049.88	$ 21,049.88	
			W8-5-24S (17'-0" H) (50 LF) **(8" Thick) CMU Wall w/ #5 @ 24" O.C**												
133			(8"x8"x16") CMU Block	EA	925	5%	971	$ 25.00	$ 24,281.25				$ -	$ 24,281.25	
134			Grout Fill	CY	9.88	5%	10.37								
135			#5 Reinforcement **(425 LF)**	Lbs.	444	5%	466								
136			Formwork	SF	1700	5%	1785	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 7,229.25	$ 7,229.25	
			W8-5-8S (8'-0" H) (5 LF) **(8" Thick) CMU Wall w/ #5 @ 8" O.C**												
137			(8"x8"x16") CMU Block	EA	48	5%	50	$ 25.00	$ 1,260.00				$ -	$ 1,260.00	
138			Grout Fill	CY	0.48	5%	0.50								
139			#5 Reinforcement **(20 LF)**	Lbs.	21	5%	22								
140			Formwork	SF	80	5%	84	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 340.20	$ 340.20	
			W8-6-16S (17'-0" H) (80 LF) **(8" Thick) CMU Wall w/ #6 @ 16" O.C**												
141			(8"x8"x16") CMU Block	EA	1475	5%	1549	$ 25.00	$ 38,718.75				$ -	$ 38,718.75	
142			Grout Fill	CY	15.6	5%	16.38								
143			#5 Reinforcement **(680 LF)**	Lbs.	710	5%	746								
144			Formwork	SF	2720	5%	2856	$ -	$ -	0.090	$ 45.00	$ 4.05	$ 11,566.80	$ 11,566.80	
			CMU Bond Beam												
145			(8"x8") Bond Beam w/ (1) - #5 Continuous Reinforcement	LF	835	5%	877	$ 7.50	$ 6,575.63	0.200	$ 48.00	$ 9.60	$ 8,416.80	$ 14,992.43	
146			(8"x16") Bond Beam w/ (2) - #5 Continuous Reinforcement	LF	215	5%	226	$ 7.50	$ 1,693.13	0.200	$ 48.00	$ 9.60	$ 2,167.20	$ 3,860.33	
			CMU Lintel												
147			**SL-1** (8"x16") CMU Lintel w/ (2) - #5 Top & Bottom Continuous Reinforcement & #3 Stirrups @ 8" O.C	LF	4	5%	4	$ 7.50	$ 31.50	0.200	$ 48.00	$ 9.60	$ 40.32	$ 71.82	
148			**PCL-1** (8"x8") CMU Lintel w/ (2) - #5 Continuous Reinforcement	LF	95	5%	100	$ 7.50	$ 748.13	0.200	$ 48.00	$ 9.60	$ 957.60	$ 1,705.73	
149			**PCL-2** (8"x16") CMU Lintel w/ (2) - #5 Top & Bottom Continuous Reinforcement & #3 Stirrups @ 8" O.C	LF	5	5%	5	$ 7.50	$ 39.38	0.200	$ 48.00	$ 9.60	$ 50.40	$ 89.78	
			SUBTOTAL (Masonary)						$ 275,000.25				$ 95,040.86		$ 370,041.11
		7000	**THERMAL AND MOISTURE PROTECTION**												
			Foundation												
150	**S-201**		Vapor Barrier	SF	11670	5%	12254	$ 0.54	$ 6,616.89	0.001	$ 45.00	$ 0.05	$ 551.41	$ 7,168.30	
151	**S-202**		Control Joint @ Concrete Slab	LF	415	5%	436	$ 1.02	$ 444.47	0.020	$ 45.00	$ 0.90	$ 392.18	$ 836.64	
152	**S-203**		(1/2") Premolded Joint Filler & Selant	LF	45	5%	47	$ 1.00	$ 47.25	0.020	$ 45.00	$ 0.90	$ 42.53	$ 89.78	
			SUBTOTAL (Masonary)						$ 7,108.61				$ 986.11		$ 8,094.71

PROJECTED COST		$ 621,256
CONTINGENCY	3%	$ 18,638
INSURANCE	5%	$ 31,063
OVERHEAD AND PROFIT	15%	$ 93,188
Tax	6.00%	$ 24,767
SUGGESTED BID		$788,912.02

Note:

1.Please verify the equipment's and their prices with owner.
2.For tree plantation average prices are use. Please verify according to tree type.



(5'-0" W) Concrete Sidewalk 3,114.9 SQ FT
(4') Transition Sidewalk 387.3 SQ FT
Generator Pad 248.7 SQ FT

PARKING LOT TRAFFIC CONTROL SIGNAGE (§ 127.06)

A. THE DESIGN FOR PARKING LOT TRAFFIC CONTROL SIGNAGE SHALL BE AS SHOWN IN FIGURE 1 BELOW AND SHALL MEET THE FOLLOWING STANDARDS:
  1. SIGN POSTS SHALL BE BLACK OR DARK GREEN IN COLOR.
  2. SIGN POSTS SHALL BE ROUND OR FLUTED IN SHAPE.
  3. SIGN POSTS SHALL BE AT LEAST THREE INCHES IN DIAMETER.
  4. SIGN POSTS SHALL HAVE A ROUND OR FLUTED DECORATIVE BASE.
  5. SIGNS SHALL HAVE A BLACK OR DARK GREEN BOARDER OF AT LEAST ONE INCH IN WIDTH. SIGNS IDENTIFYING INDIVIDUAL PARKING SPACES ARE EXEMPT FROM THIS REQUIREMENT.

C. PARKING LOT TRAFFIC CONTROL SIGNAGE AND LIGHTING SHALL MEET THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND SHALL BE INSTALLED TO THE SPECIFICATIONS OF THE CITY ENGINEER, OR DESIGNEE.

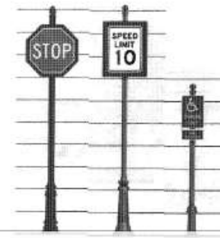


FIGURE 1

ON-SITE SIGNS IN NONRESIDENTIAL ZONES (§ 1

(B) PROJECTION OVER OR INTO A RIGHT-OF-WAY SHALL BE PROHIBITED FOR ALL FREESTANDING SIGNS.
(C) ONE FREESTANDING ON-SITE ADVERTISING SIGN SHALL BE PERMITTED PER PARCEL.
(D) THE MAXIMUM SIGN HEIGHT SHALL BE TEN FEET WITHIN THE HISTORIC PRESERVATION DISTRICT AND 20 FEET IN ALL OTHER NONRESIDENTIAL ZONES.
(H) THE MINIMUM REQUIRED SETBACK FOR A PYLON SIGN, MULTI-PYLON SIGN, MONUMENT SIGN, MONOLITH SIGN AND POLE SIGN WITH CLADDING SHALL BE AS FOLLOWS:
(1) OUTSIDE THE REQUIRED VISIBILITY TRIANGLE;
(2) TEN FEET FROM THE ADJOINING STREET RIGHT-OF-WAY LINE; AND
(3) FIFTEEN FEET FROM THE SIDE PROPERTY LINE.

REQUIRED VISIBILITY TRIANGLES (§ 37.00):

A. ON EVERY CORNER LOT THE TRIANGLE FORMED BY THE REQUIRED RIGHT-OF-WAY LINES AND A LINE DRAWN BETWEEN THE POINTS ALONG SUCH REQUIRED RIGHT-OF-WAY LINES A DISTANCE OF 30 FEET FROM THE INTERSECTION OF SAID LINES SHALL BE KEPT FREE OF OBSTRUCTIONS SUCH THAT LATERAL VISION IS KEPT CLEAR BETWEEN THREE AND EIGHT FEET ABOVE GRADE.
B. FOR DRIVEWAYS, THE TRIANGLE SHALL BE FORMED BY THE INTERSECTING LINES OF THE EDGE OF THE DRIVEWAY AND REQUIRED RIGHT-OF-WAY LINE OF THE ADJOINING STREETS FOR A DISTANCE OF 15 FEET.
C. THESE REQUIREMENTS SHALL NOT APPLY TO THE TRUNK OF A TREE (BUT NOT BRANCHES OR FOLIAGE), POST, COLUMN, MAILBOX, OR SIMILAR STRUCTURE WHICH IS LESS THAN SIX INCHES IN DIAMETER.

SITE COVERAGE BREAKDOWN (PROPOSED)

LOT AREA: 38,556 SF

IMPERVIOUS AREA:	
BUILDING:	8,250 SF
VEHICULAR USE:	11,628 SF
RETAINING WALL:	140 SF
CURB/SIDEWALK:	3,208 SF
POND	5,656 SF
TOTAL =	28,882 SF (0.75)
PERVIOUS AREA:	
LAWN/OPEN:	9,674 SF (0.25)

SITE DATA TABLE:

ADDRESS:	0 GULF RD, TARPON SPRINGS, FL 34689	
PARCEL ID:	14-27-15-89226-000-0175	
ZONING:	NEIGHBORHOOD BUSINESS DISTRICT (NB)	
LAND USE:	VACANT COMMERCIAL	
FUTURE LAND USE:	COMMERCIAL NEIGHBORHOOD (CN)	
	REQUIRED	PROPOSED
MIN. LOT AREA:	5,000 SF	38,556 (0.89 AC)
MAX. BUILDING HEIGHT:	25 FT	22'-0"
FLOOR AREA RATIO (FAR):	0.20	0.22 ★
IMPERVIOUS SURFACE RATIO (ISR):	0.80 MAX. (30,845 SF)	0.75 (28,882 SF) ★
SETBACKS:		
FRONT (NORTH)	10.0 FT	38.0 FT
SIDE STREET (EAST)	10.0 FT	16.1 FT
SIDE (WEST)	10.0 FT	10.0 FT
REAR (SOUTH)	20.0 FT	150.0 FT

★ The City of Tarpon Springs Board of Adjustment approved the City's variance request (Variance Application #23-136) at their December 20, 2023, meeting to allow a Floor Area Ratio (FAR) of 0.22, exceeding the 0.20 standard, and an Impervious Surface Ratio (ISR) of 0.71, exceeding the 0.60 standard. The variances were approved for the property located at 1201 Gulf Road, for the purpose of constructing a new fire station.

CITY OF TARPON SPRINGS GENERAL NOTES:

1. ALL DISTURBED ON-SITE AREAS, NOT OTHERWISE PAVED, OR PLANTED MUST BE SODDED.
2. ALL AREAS WITHIN CITY RIGHT-OF-WAY DISTURBED BY CONSTRUCTION MUST BE RESTORED AND SODDED.
3. NO LANDSCAPE MULCH SHALL BE PLACED WITHIN THE POND BANKS OR PUBLIC RIGHT-OF-WAY.

PARKING SCHEDULE (§ 127.04):		
USE	DORMITORIES	BUSINESS
CODE CATEGORY	BOARDING HOUSES	EMERGENCY SERVICE FACILITIES
REQUIREMENTS	1 SPACE PER TWO BEDS	1 SPACE PER 200 GSF
REQUIRED SPACES	7 DORMS / 2 = 3.5 (4)	397 GSF / 200 = 2.0 (2)
REQUIRED ADA SPACES (1 TO 25)	1 SPACE	
SPACES PROVIDED	16 SPACES (INCLUDES 1 ADA SPACE)	
REQUIRED BICYCLE PARKING	0 SPACES	
BICYCLE PARKING REQUIRED	0 SPACES	

EXISTING LEGEND

PROPERTY LINE
PROPERTY ADJOINING
LEGAL RIGHT-OF-WAY
EASEMENT
FLOOD PLAIN
SECTION
PROPERTY MARKER
EXISTING BUILDING
EXISTING CURB
EXISTING CURB DEPRESSION
EXISTING EDGE OF PAVEMENT
EXISTING EDGE OF GRAVEL
EXISTING FENCE
EXISTING MINOR CONTOUR
EXISTING MAJOR CONTOUR
EXISTING SPOT ELEVATION
EXISTING COMMUNICATION, UNDERGROUND
EXISTING NATURAL GAS, UNDERGROUND
EXISTING POWER, UNDERGROUND
EXISTING SANITARY SEWER, UNDERGROUND
EXISTING STORM SEWER, UNDERGROUND
EXISTING WATER, UNDERGROUND
EXISTING OVERHEAD UTILITY
EXISTING MANHOLES
EXISTING VALVES
EXISTING JUNCTION BOX
EXISTING POWER, TRANSFORMER
EXISTING SANITARY SEWER, CLEAN-OUT
EXISTING STORM SEWER, ROOF DRAIN
EXISTING STORM SEWER, INLET
EXISTING WATER STRUCTURES
EXISTING TREE LINE
EXISTING TREES
EXISTING PALM TREES
EXISTING BOLLARD
EXISTING SIGN
EXISTING UTILITY POLE
EXISTING GUY POLE
BORING LOCATION
EXISTING FLAG POLE
EXISTING LIGHT
EXISTING LIGHT POLE SINGLE ARM
EXISTING ASPHALT PAVEMENT
EXISTING SIDEWALK / CONCRETE

PROPOSED LEGEND

PROPOSED CURB LINE
PROPOSED FLUSH CURB
PROPOSED WALL
PROPOSED BUILDING OUTLINE
PROPOSED BUILDING OVERHANG
PROPOSED FENCE
PROPOSED SETBACK
PROPOSED LANDSCAPE BUFFER
PROPOSED SIGN
PROPOSED LIGHT
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
PROPOSED WHEEL STOP
PROPOSED HEAVY DUTY CONCRETE PAVEMENT
PROPOSED STANDARD DUTY CONCRETE PAVEMENT
PROPOSED CONCRETE SIDEWALK
PROPOSED ASPHALT PAVEMENT

NOTE: REFER TO DETAILS ON CS6003 FOR PAVEMENT THICKNESS.

Wannemacher Jensen Architects, Inc.
132 Mirror Lake Drive N. Unit 301
St. Petersburg, Florida 33701-3214
(727) 822-5566
www.wjarc.com
AR94244

PENNONI ASSOCIATES INC.
5755 Rio Vista Drive
Clearwater, FL 33760
T 727.536.8772
Florida COA: 7819

TARPON SPRINGS FIRE STATION #70

CITY OF TARPON SPRINGS
PROJECT ADDRESS TBD

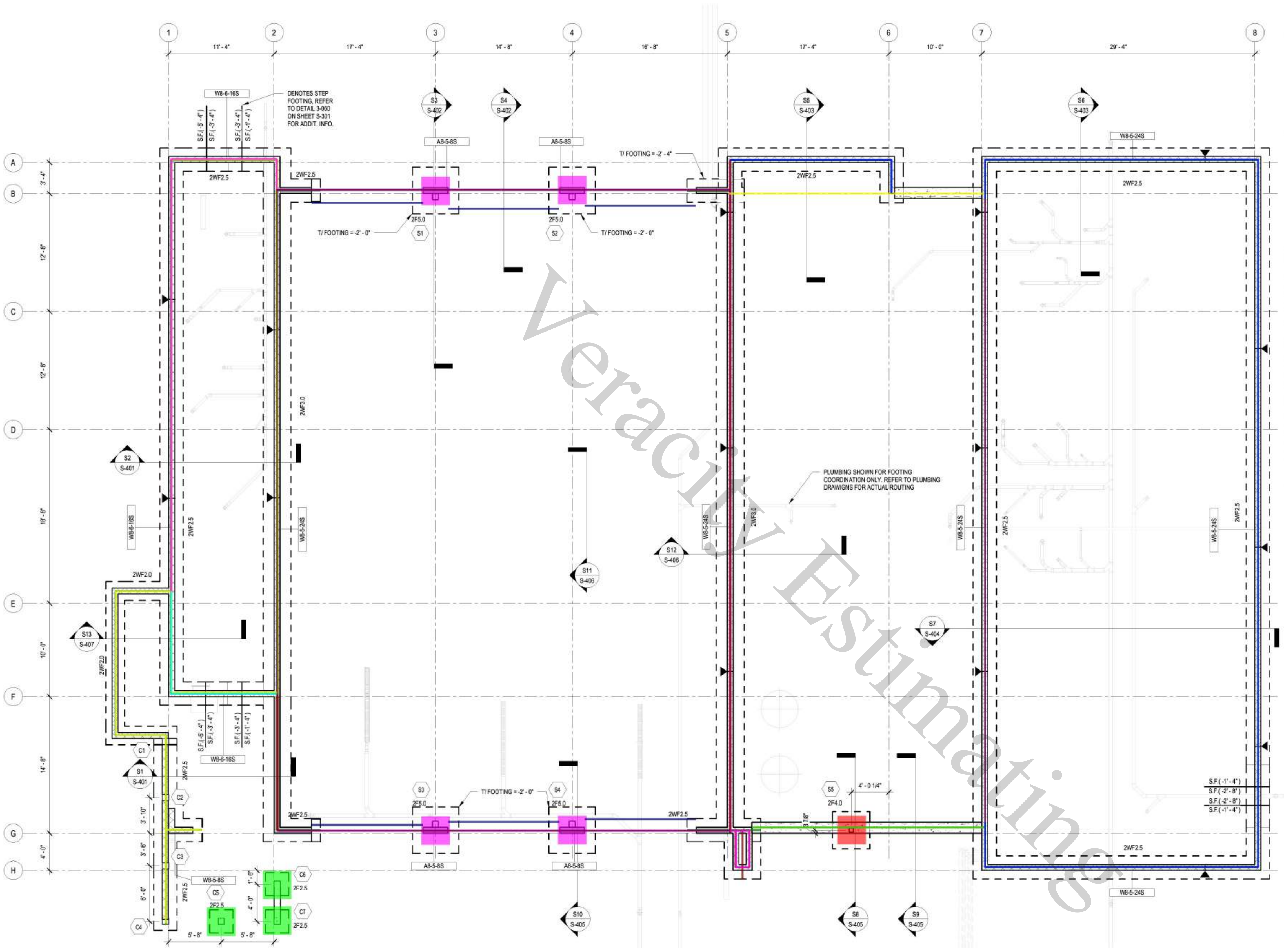
Project number
2315

DISTRIBUTION

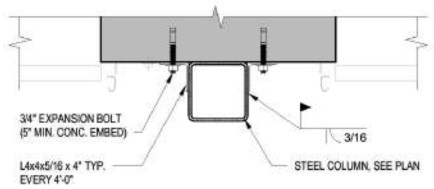
MILESTONE	DATE
PERMIT SET	02/15/2024

SITE PLAN

CS1001



P1 S-201 FOUNDATION PLAN
SCALE: 3/16" = 1'-0"



D1 S-201 COLUMN CONNECTION DETAIL
SCALE: 1" = 1'-0"

FOUNDATION PLAN NOTES:

1. SEE SHEETS S-301 - S-302 FOR TYPICAL FOUNDATION PLAN DETAILS.
2. SEE SHEET S-101 FOR GENERAL STRUCTURAL NOTES.
3. SEE SCHEDULE ON THIS SHEET FOR FOOTING SIZE AND REINFORCING.
4. TOP OF FOOTING ELEVATION = -1' - 4" UNLESS NOTED OTHERWISE.
5. REFER TO ARCHITECTURAL DRAWINGS FOR PLAN DIMENSIONS NOT SHOWN
6. TYPICAL ADDITIONAL REQUIRED WALL REINFORCING:
   A. PROVIDE (1) ADDITIONAL VERTICAL BAR MATCHING WALL REINFORCING IN FIRST (2) CELLS EACH SIDE OF ALL WALL OPENINGS AND FIRST CELL ADJACENT TO ALL CORNERS AND INTERSECTIONS.

2F4.0	1.0
2F5.0	4.0
2F2.5	3.0
2WF3.0	143.8 FT
2WF2.5	362.8 FT
2WF2.0	26.9 FT
(8" Thick) CMU Wall (5'-0" H)	133.9 FT
(8" Thick) CMU Wall (8" H)	53.9 FT
W8-5-24S (15'-4" H)	83.5 FT
C8-5-18S (5'-3" H)	83.6 FT
W8-5-24S (10'-8" H) (10*8 SF)	66.9 FT
C8-5-18S (8'-3" H)	66.9 FT
C8-5-18S (4'-0" H)	24.9 FT
CMU Wall (2'-8" H)	24.9 FT
C8-5-18S (10'-0" H)	27.4 FT
W8-5-24S (15'-0" H)	164.5 FT
W8-6-16S (17'-8" H)	61.0 FT
W8-6-16S (17'-0" H)	22.4 FT
W8-5-24S (15') (72*8)	166.0 FT
C8-5-18S (5'-8" H)	54.1 FT
Linear x8	71.6 FT
C8-5-18S (4'-10" H)	97.2 FT

Wannemacher Jensen Architects, Inc.

TARPON SPRINGS FIRE STATION #70

CITY OF TARPON SPRINGS
PROJECT ADDRESS TBD

Project number
2315

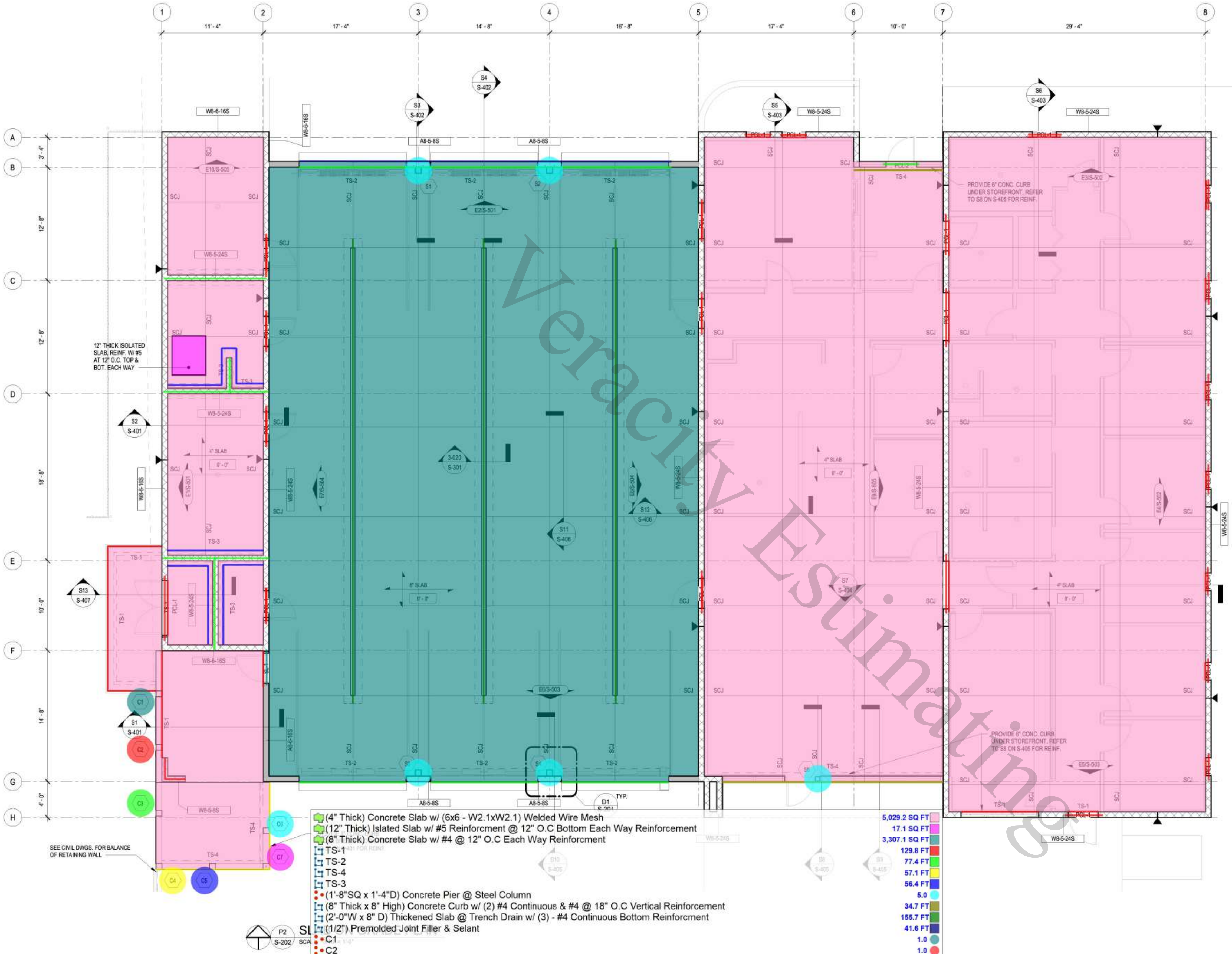
DISTRIBUTION

MILESTONE	DATE
PERMIT SET	02/15/2024

BECKLEY
Engineering Consultants
16150 AVIATION LOOP #15789, BROOKSVILLE, FL 34604
(352) 316-7600 | WWW.BECKLEYENG.COM | PN: 1003-015

FOUNDATION PLAN

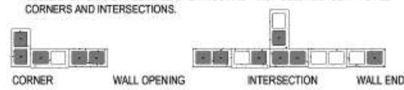
S-201



(4" Thick) Concrete Slab w/ (6x6 - W2.1xW2.1) Welded Wire Mesh	5,029.2 SQ FT	
(12" Thick) Islated Slab w/ #5 Reinforcment @ 12" O.C Bottom Each Way Reinforcement	17.1 SQ FT	
(8" Thick) Concrete Slab w/ #4 @ 12" O.C Each Way Reinforcment	3,307.1 SQ FT	
TS-1	129.8 FT	
TS-2	77.4 FT	
TS-4	57.1 FT	
TS-3	56.4 FT	
(1'-8"SQ x 1'-4"D) Concrete Pier @ Steel Column	5.0	
(8" Thick x 8" High) Concrete Curb w/ (2) #4 Continuous & #4 @ 18" O.C Vertical Reinforcement	34.7 FT	
(2'-0"W x 8" D) Thickened Slab @ Trench Drain w/ (3) - #4 Continuous Bottom Reinforcment	155.7 FT	
(1/2") Premolded Joint Filler & Selant	41.6 FT	
C1	1.0	
C2	1.0	
C3	1.0	
C4	1.0	
C5	1.0	
C7	1.0	
C6	1.0	
SL-1	4.0 FT	
PCL-1	94.5 FT	
PCL-2	4.0 FT	
W8-5-8S (8')	4.6 FT	
W8-5-24S (18'-10) Double BEam	49.2 FT	

SLAB ON GRADE PLAN NOTES:

1. CONCRETE SLAB ON GRADE TO BE 4" THICK OVER VAPOR BARRIER ON COMPACTED SUB-BASE AS SPECIFIED IN FOUNDATION NOTES ON S-101 REINFORCED WITH 6x6xW2.1xW2.1 W.W.F. (FLAT SHEETS) CENTERED IN SLAB. SUPPORT WELDED WIRE FABRIC WITH 2" CHAIRS AND SAND PLATES AT 3'-0"(±) O.C. BOTH WAYS. USE OF CONCRETE BRICK IS NOT ALLOWED.
2. CONCRETE SLAB ON GRADE TO BE 8" THICK OVER VAPOR BARRIER ON COMPACTED SUB-BASE AS SPECIFIED IN FOUNDATION NOTES ON S-101 REINFORCED WITH #4 AT 12" O.C. EACH WAY TOP AND BOTTOM. SUPPORT REINFORCING WITH CHAIRS AND SAND PLATES AT 3'-0"(±) O.C. BOTH WAYS. USE OF CONCRETE BRICK IS NOT ALLOWED.
3. PROVIDE VAPOR BARRIER WHICH CONFORMS TO ASTM E1745, CLASS A. THE MEMBRANE SHALL HAVE A WATER-VAPOR TRANSMISSION RATE NO GREATER THAN 0.008 GR. /FT^2 / HR. WHEN TESTED IN ACCORDANCE WITH ASTM E96. THE VAPOR BARRIER SHALL BE PLACED OVER PREPARED BASE MATERIAL BELOW SLABS ON GRADE. THE VAPOR BARRIER SHOULD BE PLACED DIRECTLY BELOW THE SLAB ON GRADE. VAPOR BARRIER SHALL BE NO LESS THAN 15 MIL THICK. NO PENETRATION OF THE VAPOR BARRIER IS PERMITTED EXCEPT FOR REINFORCING STEEL AND PERMANENT UTILITIES.
4. TOP OF SLAB ELEVATION SHOWN THUS XX'- XX" ON PLAN EQUALS REFERENCE EL., SEE CIVIL DRAWINGS FOR ACTUAL ELEVATION.
5. TYPICAL ADDITIONAL REQUIRED WALL REINFORCING:
   A. PROVIDE (1) ADDITIONAL VERTICAL BAR MATCHING WALL REINFORCING IN FIRST (2) CELLS EACH SIDE OF ALL WALL OPENINGS AND FIRST CELL ADJACENT TO ALL CORNERS AND INTERSECTIONS.



6. FOR GENERAL STRUCTURAL NOTES, SEE DRAWING S-101.
7. FOR FLOOR SLAB DEPRESSION LOCATIONS AND LIMITS NOT SHOWN ON PLAN SEE ARCHITECTURAL DRAWINGS.
8. REFER TO ARCHITECTURAL DRAWINGS FOR PLAN DIMENSIONS NOT SHOWN.
9. COLUMN DESIGNATION SHOWN THUS ON PLAN. SEE COLUMN SCHEDULE ON SHEET S-601 FOR SIZE.
10. COORDINATE LOCATION OF SAW CUT JOINTS (SCJ) AT SLAB ON GRADE WITH ARCHITECTURAL DRAWINGS.
11. ALL CMU WALLS SHALL BE REINFORCED AS SHOWN ON PLAN WITH DOWELS TO MATCH, U.N.O. PROVIDE INSPECTION/CLEANOUT HOLE AT BASE WHEN POUR HEIGHT IS GREATER THAN 4'-0".
12. MASONRY CONTROL JOINT SHOWN THUS MCJ ON PLAN. MAXIMUM SPACING OF JOINTS = 24' - 0", COORDINATE LOCATION WITH THE ARCHITECTURAL & STRUCTURAL WALL ELEVATIONS. DO NOT LOCATE A MCJ CLOSER THAN 24" TO ANY CMU OPENING.

WALL SCHEDULE

TYPE	PATTERN	DESCRIPTION
A8-5-8S		8" ATLAS BRICK WALL REINF. W/ #5 AT 8" O.C.
A8-5-24S		8" ATLAS BRICK WALL REINF. W/ #5 AT 24" O.C.
A8-6-16S		8" ATLAS BRICK WALL REINF. W/ #6 AT 16" O.C.
C8-5-18S		8" CONCRETE WALL REINF. W/ #5 AT 18" O.C. EACH WAY
W8-5-8S		8" CMU WALL REINF. W/ #5 AT 8" O.C.
W8-5-24S		8" CMU WALL REINF. W/ #5 AT 24" O.C.
W8-6-16S		8" CMU WALL REINF. W/ #6 AT 16" O.C.

THICKENED SLAB SCHEDULE

MARK	SIZE	DEPTH	TOP & BOTT. REINF. CONT.	TOP & BOTT. REINF. TRANSV.	REMARKS
TS-1	0' - 8" x CONT.	0' - 8"	(1)-#5 TOP	N/A	
TS-2	2' - 6" x CONT.	2' - 0"	-	-	SEE DETAIL 3-022 ON SHEET S-301
TS-3	1' - 0" x CONT.	0' - 8"	(2)-#5 BOT	N/A	
TS-4	1' - 0" x CONT.	1' - 0"	(1)-#5 TOP, (2)-#5 BOT	N/A	

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TARPON SPRINGS FIRE STATION #70

CITY OF TARPON SPRINGS

PROJECT ADDRESS TBD

Project number
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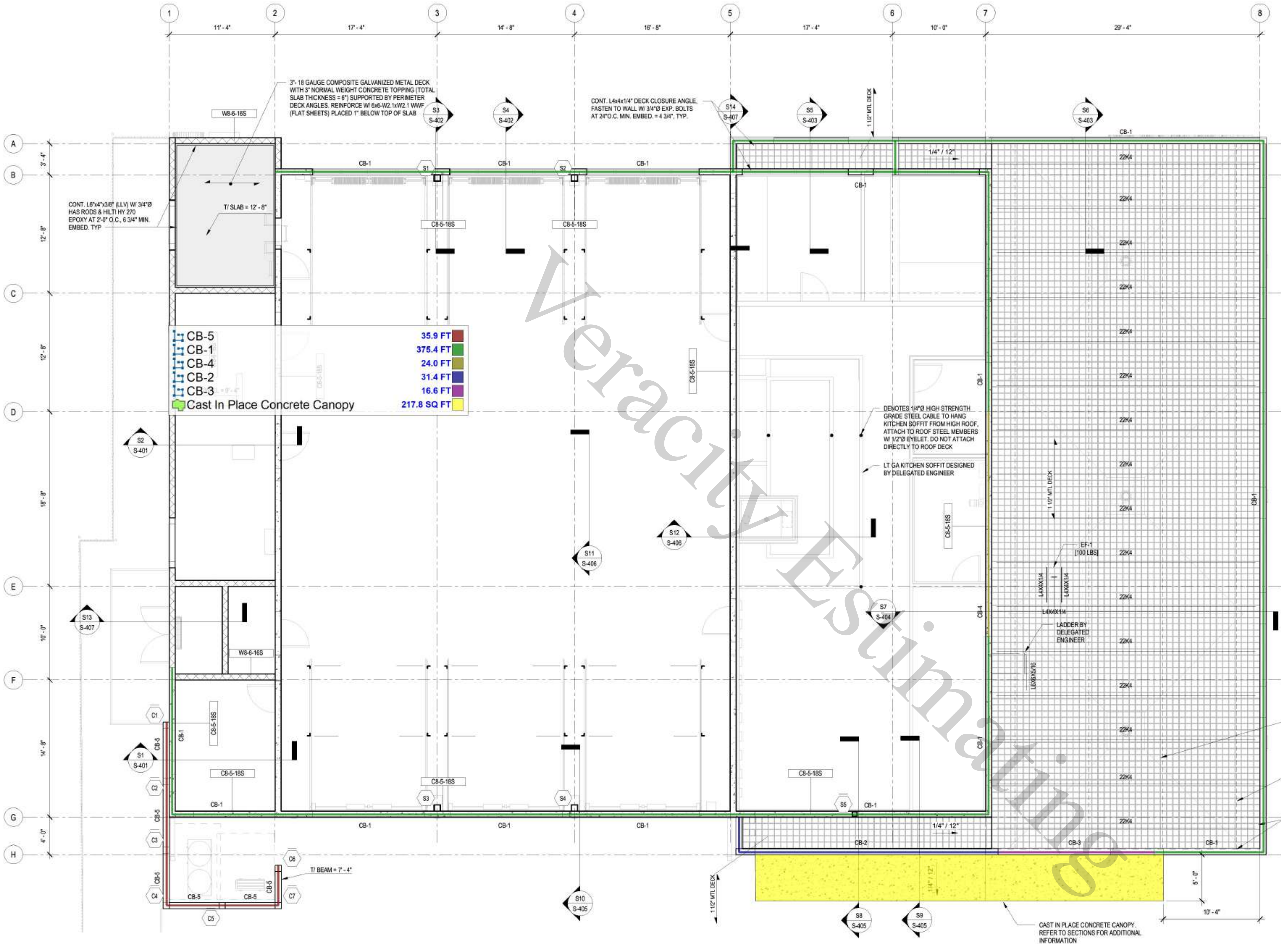
SLAB ON GRADE PLAN

S-202



P3 S-203 LOW ROOF FRAMING PLAN
SCALE: 3/16" = 1'-0"

ROOF FRAMING NOTES:

1. ROOF FRAMING SHALL BE 1 1/2"- 20 GAUGE TYPE "B" (WIDE RIB) METAL DECK SPANNING OVER OPEN WEB STEEL JOIST SPACED AT 5'-0" O.C. (MAX.).
2. ROOF FRAMING SHALL BE 4"- 16 GAUGE TORIS 4A METAL DECK SPANNING OVER HSS STEEL BEAMS SPACED AT 17'-0" O.C. (MAX.) 2- SPAN MINIMUM.
3. DIRECTION OF METAL DECK SPAN SHOWN THUS ON PLAN.
4. SEE SHEETS S-301 - S-302 FOR TYPICAL DETAILS.
5. ( ) DENOTES UNDERSIDE OF METAL DECK (U.M.D.) ELEVATION.
6. JOIST MANUFACTURER TO DESIGN JOIST FOR THE UPLIFT FORCE SHOWN ON THE LOADING SCHEDULE AND PROVIDE CERTIFICATION THAT CHORD MEMBERS HAVE BEEN INVESTIGATED FOR REVERSE STRESSES DUE TO ALL UPLIFT FORCES. ADDITIONAL BRIDGING SHALL BE PROVIDED AT THE FIRST INTERIOR BOTTOM CHORD PANEL POINT OF ALL JOISTS SUBJECT TO NET UPLIFT PER STEEL JOIST INSTITUTE.
7. FRAME ALL JOIST BOTTOM CHORD MEMBERS TO BEAM BOTTOM FLANGES. INSTALLATION TO BE DONE AFTER ALL DEAD LOADS ARE APPLIED.
8. SEE ARCHITECTURAL DRAWINGS FOR PLAN DIMENSIONS NOT SHOWN.
9. COLUMN DESIGNATIONS SHOWN THUS ON PLAN. SEE SHEET S-601 FOR COLUMN SCHEDULE.

CONCRETE BEAM SCHEDULE

MARK	BEAM WIDTH	BEAM DEPTH	CONT. REINFORCING	TIE REINFORCING	REMARKS
CB-1	7 5/8"	24"	(2) #5 T&B CONT.	#3 @ 8" O.C.	
CB-2	7 5/8"	47"	(2) #6 T&B CONT.	#3 @ 8" O.C.	#5 AT 12" O.C. EACH FACE
CB-3	7 5/8"	32"	(2) #6 T&B CONT.	#3 @ 8" O.C.	#5 AT MIDEPTH EACH FACE
CB-4	7 5/8"	16"	(2) #5 T&B CONT.	#3 @ 8" O.C.	
CB-5	8"	8"	(2) #5 T&B CONT.	#3 @ 8" O.C.	
CB-6	7 5/8"	18"	(2) #5 T&B CONT.	#3 @ 8" O.C.	

DECK LEGEND

HATCH	DECK TYPE
	1 1/2"- 20 GAUGE TYPE "B" (WIDE RIB) METAL DECK
	4"- 16 GAUGE TORIS 4 METAL DECK
	4"- 16 GAUGE TORIS 4A METAL DECK (ACOUSTICAL)
	3"- 20 GAUGE COMPOSITE GALVANIZED METAL DECK WITH 3" NORMAL WEIGHT CONCRETE TOPPING (TOTAL SLAB THICKNESS = 6")

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LOW ROOF FRAMING PLAN

S-203