

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

SR #	REF. DWG.	CSI DIVISION	DESCRIPTION	Unit	Quantity	Wastag e	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 Reinforcement (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 Reinforcement (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	
			TS-4												
			(1'-0"W x 1'-0" D) Thickned Slab Edge w/ (1) - #5 Top & (2) - #5 Bottom Reinforcement (55 LF)												
56	CS-1001 S-201 S-202 S-203		Concrete	CY	2.03	5%	2.13	\$ 245.00	\$ 522.22	2.800	\$ 55.00	\$ 154.00	\$ 328.25	\$ 850.47	
57			#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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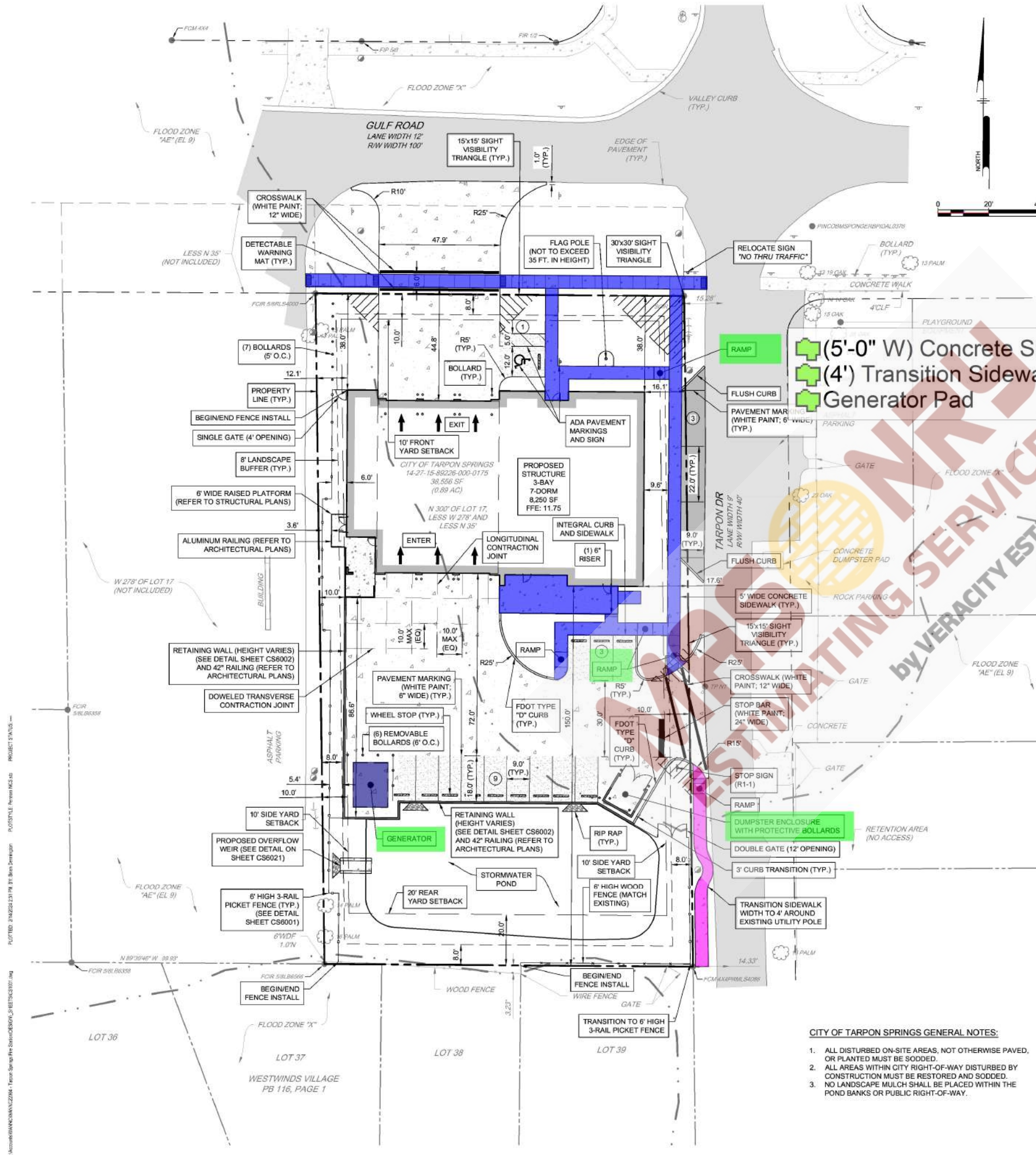
SR #	REF. DWG.	CSI DIVISION	DESCRIPTION	Unit	Quantity	Wastag e	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
	S-201 S-202 S-203		W8-5-24S (10'-8" H) (68 LF) (8" Thick) CMU Wall w/ #5 @ 24" O.C												
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	
			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 (Masonry)					\$ 275,000.25					\$ 95,040.86		\$ 370,041.11
		7000	THERMAL AND MOISTURE PROTECTION												
			Foundation												
150	S-201 S-202 S-203		Vapor Barrier	SF	11670	5%	12254	\$ 0.54	\$ 6,616.89	0.001	\$ 45.00	\$ 0.05	\$ 551.41	\$ 7,168.30	
151			Control Joint @ Concrete Slab	LF	415	5%	436	\$ 1.02	\$ 444.47	0.020	\$ 45.00	\$ 0.90	\$ 392.18	\$ 836.64	
152			(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 (Masonry)					\$ 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:

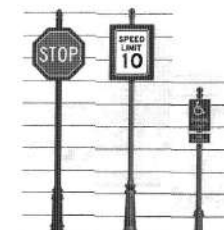
1.Please verify the equipment's and their prices with owner.

2.For tree plantation average prices are use. Please verify according to tree type.



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 BORDER 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.



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.

ON-SITE SIGNS IN NONRESIDENTIAL ZONES (§ 127.06)
(B) PROJECTION OVER OR INTO A RIGHT-OF-WAY SHALL BE PROHIBITED FOR ALL FREESTANDING SIGNS.
(C) ONE FREE-STANDING 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 POLY 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.

3,114.9 SQ FT
387.3 SQ FT
248.7 SQ FT

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)

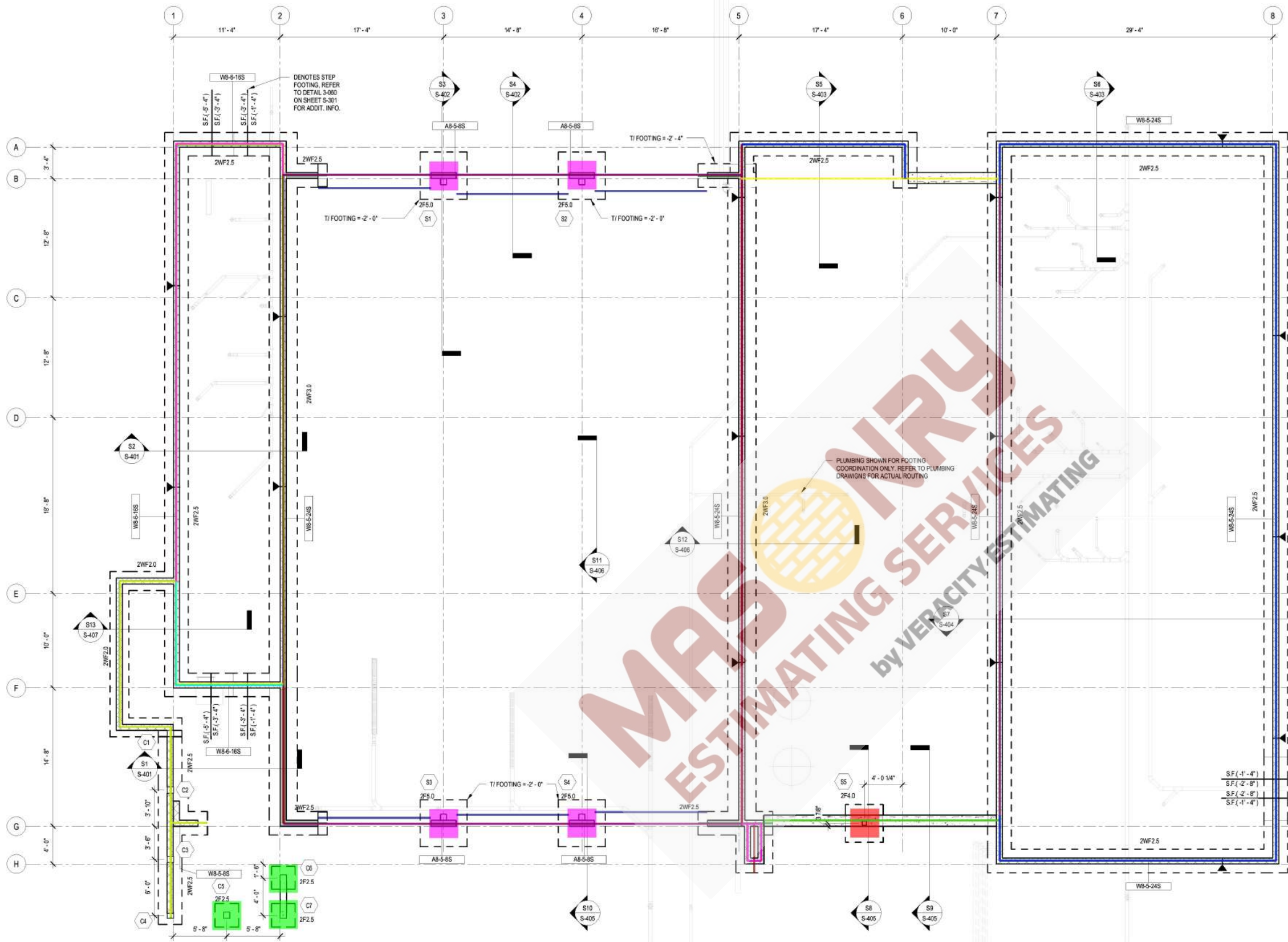
	REQUIRED	PROPOSED
MIN. LOT AREA:	5,000 SF	38,556 (0.89 AC)
MAX. BUILDING HEIGHT:	25 FT	22'-0"
FLOOR AREA RATIO (FAR):	0.20	0.22 *
IMPERVIOUS SURFACE RATIO (ISR):	0.80 MAX. (30,845 SF)	0.75 (28,882 SF) *
SETBACKS:		
FRONT (NORTH)	10.0 FT	38.0 FT
SIDE STREET (EAST)	10.0 FT	16.1 FT
SIDE (WEST)	10.0 FT	10.0 FT
REAR (SOUTH)	20.0 FT	150.0 FT

PARKING SCHEDULE (§ 127.04):

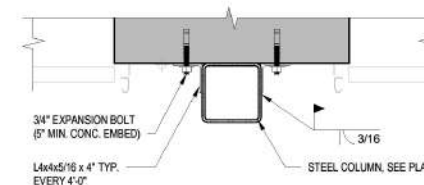
USE	DORMITORIES	BUSINESS
CODE CATEGORY	BOARDING HOUSES	EMERGENCY SERVICE FACILITIES
REQUIREMENTS	1 SPACE PER TWO BEDS	1 SPACE PER 200 GSF
REQUIRED SPACES	7 DORMS / 2 = 3.5 (4)	397 GSF / 200 = 2.0 (2)
REQUIRED ADA SPACES (1 TO 25)	1 SPACE	
SPACES PROVIDED	16 SPACES (INCLUDES 1 ADA SPACE)	
REQUIRED BICYCLE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

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.



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



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

FOUNDATION PLAN NOTES:

- SEE SHEETS S-301 - S-302 FOR TYPICAL FOUNDATION PLAN DETAILS.
- SEE SHEET S-101 FOR GENERAL STRUCTURAL NOTES.
- SEE SCHEDULE ON THIS SHEET FOR FOOTING SIZE AND REINFORCING.
- TOP OF FOOTING ELEVATION = 1'-4" UNLESS NOTED OTHERWISE.
- REFER TO ARCHITECTURAL DRAWINGS FOR PLAN DIMENSIONS NOT SHOWN.
- 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

TARPON SPRINGS FIRE STATION #70

CITY OF TARPON SPRINGS
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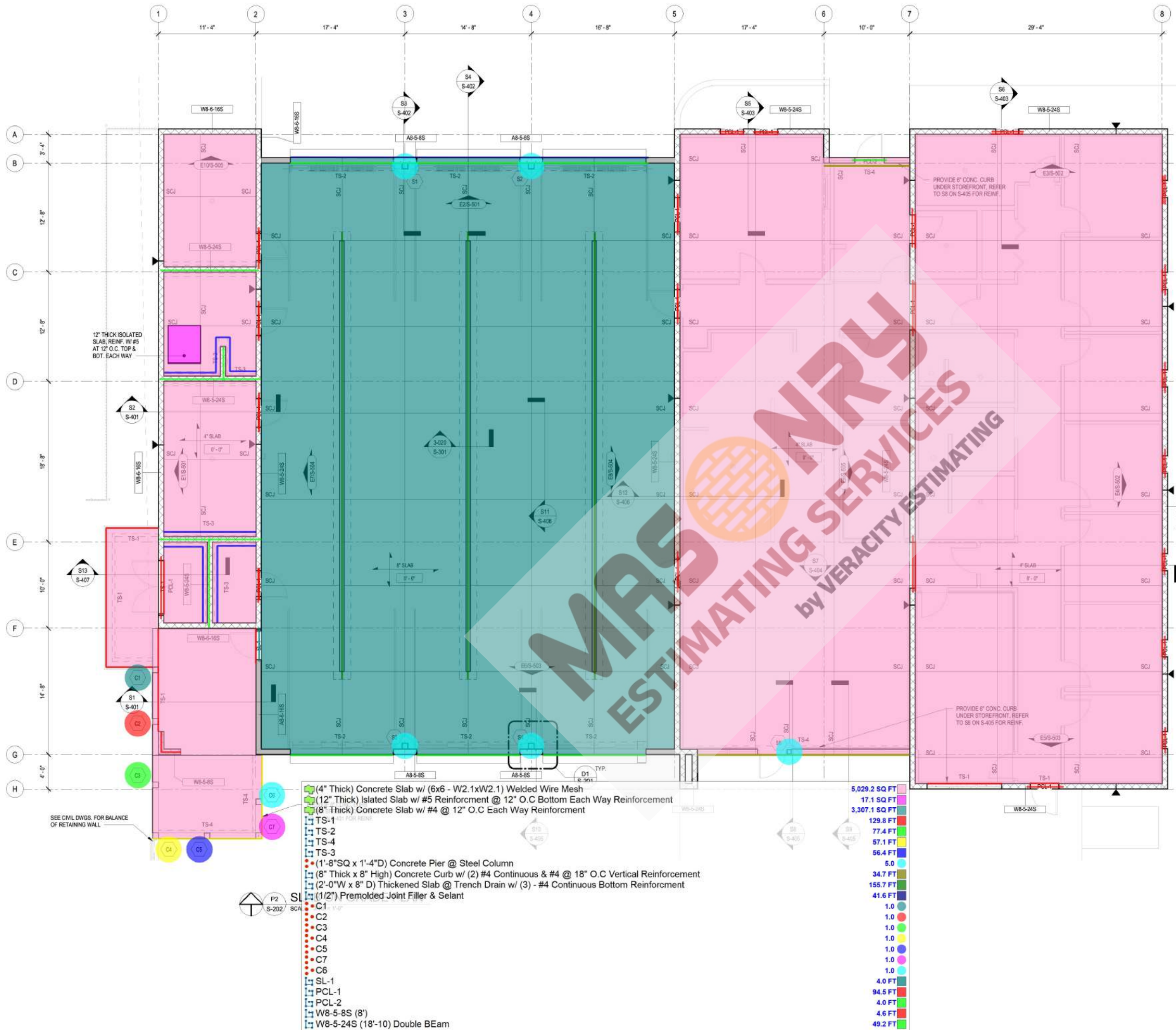
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FOUNDATION PLAN

S-201

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Engineering Consultants
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- 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. FT²/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 ALL (2) CELLS EACH SIDE OF ALL WALL OPENINGS AND FIRST CELL ADJACENT TO ALL CORNERS AND INTERSECTIONS.
- WALL SCHEDULE**
- | TYPE | PATTERN | DESCRIPTION |
|----------|---------|--|
| AB-5-8S | | 8" ATLAS BRICK WALL REINF. W/ #5 AT 8" O.C. |
| AB-5-24S | | 8" ATLAS BRICK WALL REINF. W/ #5 AT 24" O.C. |
| AB-6-16S | | 8" ATLAS BRICK WALL REINF. W/ #5 AT 16" O.C. |
| CB-5-18S | | 8" CONCRETE WALL REINF. W/ #5 AT 18" O.C. EACH WAY |
| WB-5-8S | | 8" CMU WALL REINF. W/ #5 AT 8" O.C. |
| WB-5-24S | | 8" CMU WALL REINF. W/ #5 AT 24" O.C. |
| WB-6-16S | | 8" CMU WALL REINF. W/ #5 AT 16" O.C. |
- THICKENED SLAB SCHEDULE**
- | MARK | SIZE | DEPTH | TOP & BOT. REINF. CONT. | TOP & BOT. REINF. TRANSV. | REMARKS |
|------|---------------|-------|--------------------------|---------------------------|---------------------------------|
| TS-1 | 0'-0" x CONT. | 0'-0" | (1)-#5 TOP | N/A | |
| TS-2 | 2'-0" x CONT. | 2'-0" | - | - | SEE DETAIL 3-022 ON SHEET S-301 |
| TS-3 | 1'-0" x CONT. | 0'-0" | (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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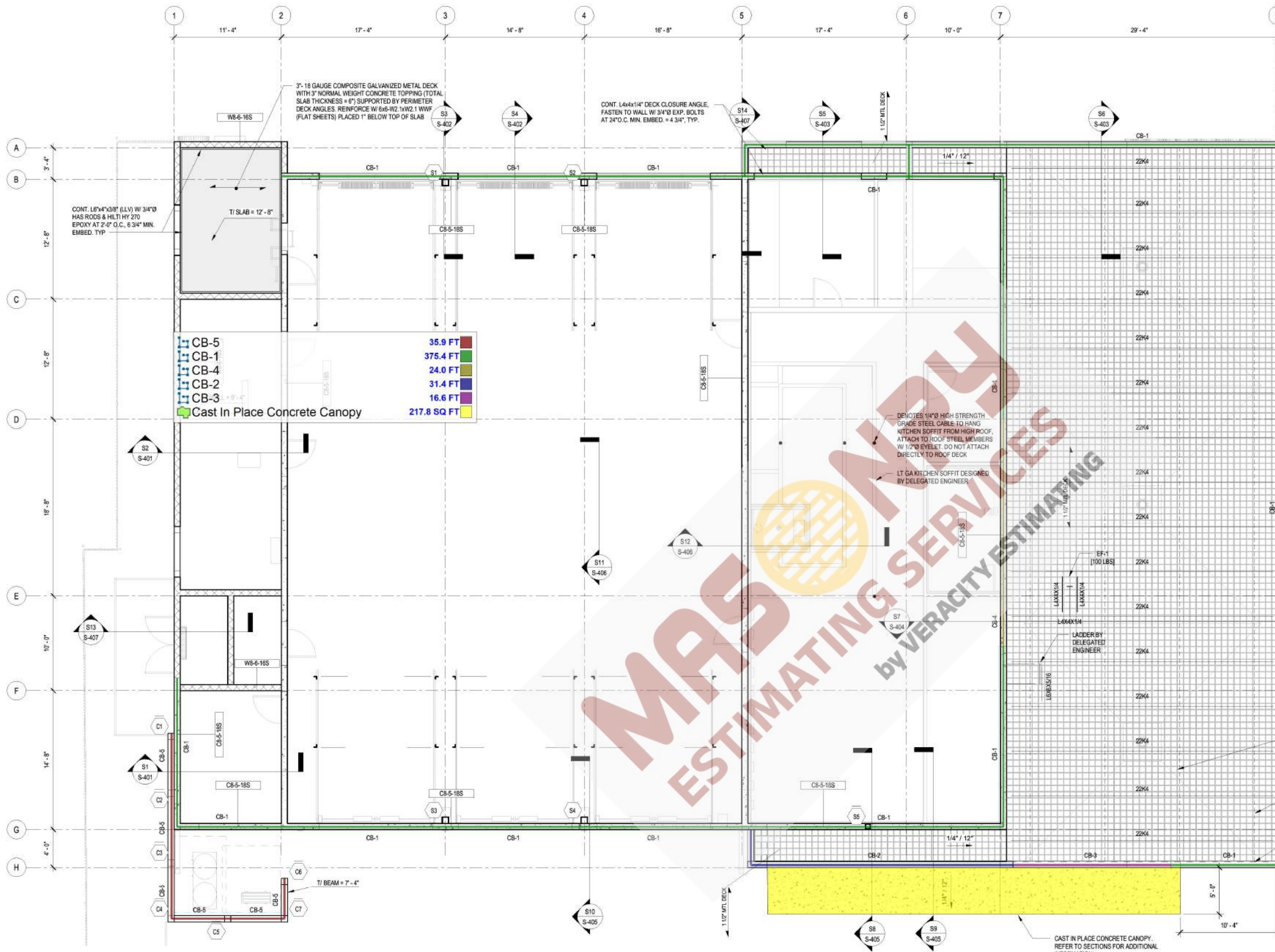
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SLAB ON GRADE PLAN
S-202



LOW ROOF FRAMING PLAN
P3 S-203 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 TAB CONT.	#3 @ 8" O.C.	
CB-2	7.5" 8"	47"	(2) #5 TAB CONT.	#3 @ 8" O.C.	#5 AT 12" O.C. EACH FACE
CB-3	7.5" 8"	32"	(2) #5 TAB CONT.	#3 @ 8" O.C.	#5 AT MIDDEPTH EACH FACE
CB-4	7.5" 8"	16"	(2) #5 TAB CONT.	#3 @ 8" O.C.	
CB-5	8"	8"	(2) #5 TAB CONT.	#3 @ 8" O.C.	
CB-6	7.5" 8"	16"	(2) #5 TAB 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 4A METAL DECK
	3" 20 GAUGE COMPOSITE GALVANIZED METAL DECK WITH 3" NORMAL WEIGHT CONCRETE TOPPING (TOTAL SLAB THICKNESS = 6")

- CONT. HORIZ. BRIDGING PER JOIST MANUF. SPECS, TYP.
- CONT. HORIZ. BRIDGING AT FIRST BOTTOM CHORD PANEL POINT PER JOIST MANUF. SPECS, TYP.
- CONT. L4x4x1/4" DECK CLOSURE ANGLE, FASTEN TO WALL W/ 3/4" EXP. BOLTS AT 24" O.C. MIN. EMBED = 4 3/4", TYP.

CAST IN PLACE CONCRETE CANOPY. REFER TO SECTIONS FOR ADDITIONAL INFORMATION

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LOW ROOF FRAMING PLAN

S-203

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