

COST SUMMARY

Date:

Project: Hidden For Privacy

Project Location: \$ -

Project Type: Commercial

Scope of Work: Concrete

Total Base Bid: \$ -

BASE BID

TOTAL COSTS

BASE BID

\$ -

ck on any of the above text to go to the rele

CSI Summary for Base Bid

Div. No.	CSI Division	Labor Cost	Material Cost	Total Cost	% of sub-total cost
DIV-01	General Require	\$ -	\$ -	\$ -	#DIV/0!
DIV-03	Concrete	\$ -	\$ -	\$ -	#DIV/0!
SUB TOTAL		\$ -	\$ -	\$ -	
MATERIAL TAX			\$ -	\$ -	
OVERHEAD AND PROFIT				\$ -	
BOND FEE				\$ -	
CONTIGENCY				\$ -	
TOTAL BASE BID				\$ -	

9.00%

25.00%

3.50%

5.40%

For Client's Use Only

Comparison with Sub-Quotes

Enter Sub-Quotes here

Difference

Comments

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

CONCEPT
ESTIMATING

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST		
		Sub-Total	\$ -					Date:										
	Material Tax &	9%	\$ -	(Adjust the percentage for Material tax as required)				Project:	Hidden For Privacy									
	Overhead & P	20%	\$ -	(Adjust the percentage for Overhead & Profit as required)				Project Location:										
	Contingency	5%	\$ -	(Adjust the percentage for Contingency as required)				Project Type:	Commercial									
	Bond Fee	4%	\$ -	(Adjust the percentage for Bond Fee as required)														
	Total Base Bid			\$ -				Contractor Name:										
								Company Name:										
	Material Wastage	0%	(for Quantities in Each & LS)					Client Email:										
	Material Wastage	10%	(for Quantities in LF, SF, SY, CY, LBS, TONS)					Website:										
								Cell:										
								Gross Area Building (SF)	147,188									
	Note: Contractor can add or Remove Allowances from DIV-1 Tab According to his Requirements							Gross Area Site (SF)	37,000									
ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST		
			DIV-03	Concrete												\$ -		
				Building Concrete														
				Pad Footings														
1	F111 - F115	Details/F503	DIV-03	F1: 7'-0" x 7'-0" x 3'-0" Pad Footing (66 EA)	359	10%	395	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
2	F111 - F115	Details/F503	DIV-03	Reinforcement (8) #8 Bars @ Each Way, T&B	39,473	10%	43,421	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
3	F111 - F115	Details/F503	DIV-03	Formwork	5,544	10%	6,098	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
4	F111 - F115	Details/F503	DIV-03	Excavation	469	10%	516	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
5	F111 - F115	Details/F503	DIV-03	Backfill	110	10%	121	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
6	F111 - F115	Details/F503	DIV-03	F2: 6'-0" x 6'-0" x 3'-0" Pad Footing (29 EA)	116	10%	128	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
7	F111 - F115	Details/F503	DIV-03	Reinforcement (7) #8 Bars @ Each Way, T&B	13,008	10%	14,309	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
8	F111 - F115	Details/F503	DIV-03	Formwork	2,088	10%	2,297	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
9	F111 - F115	Details/F503	DIV-03	Excavation	158	10%	174	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
10	F111 - F115	Details/F503	DIV-03	Backfill	42	10%	46	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
11	F111 - F115	Details/F503	DIV-03	F3: 5'-0" x 5'-0" x 3'-0" Pad Footing (38 EA)	106	10%	116	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
12	F111 - F115	Details/F503	DIV-03	Reinforcement (8) #7 Bars @ Each Way, T&B	12,428	10%	13,670	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
13	F111 - F115	Details/F503	DIV-03	Formwork	2,280	10%	2,508	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
14	F111 - F115	Details/F503	DIV-03	Excavation	152	10%	167	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
15	F111 - F115	Details/F503	DIV-03	Backfill	46	10%	51	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
16	F111 - F115	Details/F503	DIV-03	F4: 4'-0" x 4'-0" x 3'-0" Pad Footing (15 EA)	27	10%	29	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
17	F111 - F115	Details/F503	DIV-03	Reinforcement (7) #7 Bars @ Each Way, T&B	3,434	10%	3,777	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
18	F111 - F115	Details/F503	DIV-03	Formwork	720	10%	792	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
19	F111 - F115	Details/F503	DIV-03	Excavation	42	10%	46	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
20	F111 - F115	Details/F503	DIV-03	Backfill	15	10%	17	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
21	F111 - F115	Details/F503	DIV-03	F5: 3'-0" x 3'-0" x 3'-0" Pad Footing (58 EA)	58	10%	64	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
22	F111 - F115	Details/F503	DIV-03	Reinforcement (5) #7 Bars @ Each Way, T&B	7,113	10%	7,824	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
23	F111 - F115	Details/F503	DIV-03	Formwork	2,088	10%	2,297	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
24	F111 - F115	Details/F503	DIV-03	Excavation	103	10%	113	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
25	F111 - F115	Details/F503	DIV-03	Backfill	45	10%	50	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -			
				Grade Beams														

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST
26	F111 - F115	D1/F501	DIV-03	GB1: 1'-6" x 1'-7" Grade Beam (1969 LF)	173	10%	190	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
27	F111 - F115	D1/F501	DIV-03	Longitudinal Reinforcement (3) #6 Cont. Bars @ Top & Bottom	17,721	10%	19,493	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
28	F111 - F115	D1/F501	DIV-03	Stirrup #4 @ 30" O.C.	3,683	10%	4,051	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
29	F111 - F115	D1/F501	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	3,111	10%	3,422	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
30	F111 - F115	D1/F501	DIV-03	Formwork	6,222	10%	6,844	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
31	F111 - F115	D1/F501	DIV-03	Excavation	288	10%	317	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
32	F111 - F115	D1/F501	DIV-03	Backfill	115	10%	127	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
33	F111 - F115	D4/F501	DIV-03	GB2: 1'-0" x 0'-7" Grade Beam (3937 LF)	85	10%	93	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
34	F111 - F115	D4/F501	DIV-03	Longitudinal Reinforcement (2) #5 Cont. Bars @ Top & Bottom	16,425	10%	18,068	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
35	F111 - F115	D4/F501	DIV-03	Stirrup #3 @ 30" O.C.	2,368	10%	2,605	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
36	F111 - F115	D4/F501	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	4,567	10%	5,024	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
37	F111 - F115	D4/F501	DIV-03	Formwork	4,451	10%	4,896	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
38	F111 - F115	D4/F501	DIV-03	Excavation	169	10%	186	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
39	F111 - F115	D4/F501	DIV-03	Backfill	85	10%	93	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
40	F111 - F115	D7/F501	DIV-03	GB3: 1'-6" x 1'-7" Grade Beam (89 LF)	8	10%	9	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
41	F111 - F115	D7/F501	DIV-03	Longitudinal Reinforcement (3) #6 Cont. Bars @ Top & Bottom	801	10%	881	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
42	F111 - F115	D7/F501	DIV-03	Stirrup #4 @ 30" O.C.	166	10%	183	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
43	F111 - F115	D7/F501	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	281	10%	309	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
44	F111 - F115	D7/F501	DIV-03	Formwork	281	10%	309	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
45	F111 - F115	D7/F501	DIV-03	Excavation	13	10%	14	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
46	F111 - F115	D7/F501	DIV-03	Backfill	5	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
47	F111 - F115	H1/F501	DIV-03	GB5: (1'-6" x 1'-6")+(1'-0" x 1'-6") Stepped Grade Beam (27 LF)	4	10%	4	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
48	F111 - F115	H1/F501	DIV-03	Longitudinal Reinforcement (2) #6 Cont. Bars @ Top, (3) #6 Bars @ Middle & Bottom	324	10%	356	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
49	F111 - F115	H1/F501	DIV-03	Stirrup #4 @ 30" O.C.	65	10%	71	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
50	F111 - F115	H1/F501	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	81	10%	89	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
51	F111 - F115	H1/F501	DIV-03	Formwork	162	10%	178	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
52	F111 - F115	H1/F501	DIV-03	Excavation	8	10%	8	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
53	F111 - F115	H1/F501	DIV-03	Backfill	4	10%	4	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
54	F111 - F115	H4/F501	DIV-03	GB6: (1'-6" x 1'-6")+(1'-0" x 3'-6") Stepped Grade Beam (117 LF)	25	10%	27	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
55	F111 - F115	H4/F501	DIV-03	Longitudinal Reinforcement (2) #6 Cont. Bars @ Top, (4) #6 Bars @ Middle & (3) #6 Bars @ Bottom	1,580	10%	1,737	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
56	F111 - F115	H4/F501	DIV-03	Stirrup #4 @ 30" O.C.	406	10%	447	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
57	F111 - F115	H4/F501	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	585	10%	644	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
58	F111 - F115	H4/F501	DIV-03	Formwork	1,170	10%	1,287	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
59	F111 - F115	H4/F501	DIV-03	Excavation	54	10%	60	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
60	F111 - F115	H4/F501	DIV-03	Backfill	29	10%	32	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
61	F111 - F115	H7/F501	DIV-03	GB7: 1'-6" x 4'-1" Grade Beam (126 LF)	126	10%	139	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
62	F111 - F115	H7/F501	DIV-03	Longitudinal Reinforcement (3) #6 Cont. Bars @ Top & Bottom, (4) #6 Bars @ Middle	1,890	10%	2,079	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
63	F111 - F115	H7/F501	DIV-03	Stirrup #4 @ 30" O.C.	404	10%	444	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
64	F111 - F115	H7/F501	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	514	10%	566	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
65	F111 - F115	H7/F501	DIV-03	Formwork	1,029	10%	1,132	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
66	F111 - F115	H7/F501	DIV-03	Excavation	288	10%	317	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
67	F111 - F115	H7/F501	DIV-03	Backfill	162	10%	178	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
68	F111 - F115	H10/F501	DIV-03	GB8: 1'-4" x 1'-7" Grade Beam (163 LF)	13	10%	14	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
69	F111 - F115	H10/F501	DIV-03	Longitudinal Reinforcement (3) #6 Cont. Bars @ Top & Bottom	1,467	10%	1,614	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
70	F111 - F115	H10/F501	DIV-03	Stirrup #4 @ 30" O.C.	261	10%	287	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
71	F111 - F115	H10/F501	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	515	10%	567	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
72	F111 - F115	H10/F501	DIV-03	Formwork	515	10%	567	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
73	F111 - F115	H10/F501	DIV-03	Excavation	22	10%	24	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
74	F111 - F115	H10/F501	DIV-03	Backfill	10	10%	10	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST
75	F111 - F115	M1/F502	DIV-03	GB9: 2'-0" x 3'-2" Grade Beam (352 LF)	83	10%	91	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
76	F111 - F115	M1/F502	DIV-03	Longitudinal Reinforcement (4) #9 Cont. Bars @ Top	4,787	10%	5,266	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
77	F111 - F115	M1/F502	DIV-03	Longitudinal Reinforcement (4) #8 Cont. Bars @ Bottom	3,759	10%	4,135	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
78	F111 - F115	M1/F502	DIV-03	Longitudinal Reinforcement (4) #4 Cont. Bars @ Middle	941	10%	1,035	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
79	F111 - F115	M1/F502	DIV-03	Stirrup #4 @ 48" O.C.	647	10%	711	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
80	F111 - F115	M1/F502	DIV-03	Asphalt Fiber Expansion Joint Material	1,232	10%	1,355	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
81	F111 - F115	M1/F502	DIV-03	Surevoid 1/2" White Backfill Retainer Or Approved Equal	1,056	10%	1,162	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
82	F111 - F115	M1/F502	DIV-03	2'-0" x 0'-8" Carton Void Form	352	10%	387	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
83	F111 - F115	M1/F502	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	1,115	10%	1,226	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
84	F111 - F115	M1/F502	DIV-03	Formwork	2,230	10%	2,453	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
85	F111 - F115	M1/F502	DIV-03	Excavation	124	10%	136	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
86	F111 - F115	M1/F502	DIV-03	Backfill	41	10%	45	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
87	F111 - F115	F5/F502	DIV-03	GB10: 2'-2" x 3'-8" Grade Beam (92 LF)	27	10%	30	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
88	F111 - F115	F5/F502	DIV-03	1'-6" x 1'-2" Extruded Concrete Block Above Grade Beam	6	10%	7	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
89	F111 - F115	F5/F502	DIV-03	Longitudinal Reinforcement (4) #9 Cont. Bars @ Top	1,251	10%	1,376	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
90	F111 - F115	F5/F502	DIV-03	Longitudinal Reinforcement (4) #8 Cont. Bars @ Bottom	983	10%	1,081	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
91	F111 - F115	F5/F502	DIV-03	Longitudinal Reinforcement (4) #4 Cont. Bars @ Middle	246	10%	270	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
92	F111 - F115	F5/F502	DIV-03	Stirrup #4 @ 48" O.C.	184	10%	203	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
93	F111 - F115	F5/F502	DIV-03	Surevoid 1/2" White Backfill Retainer Or Approved Equal	276	10%	304	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
94	F111 - F115	F5/F502	DIV-03	2'-0" x 0'-8" Carton Void Form	92	10%	101	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
95	F111 - F115	F5/F502	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	337	10%	371	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
96	F111 - F115	F5/F502	DIV-03	Formwork	889	10%	978	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
97	F111 - F115	F5/F502	DIV-03	Excavation	40	10%	44	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
98	F111 - F115	F5/F502	DIV-03	Backfill	12	10%	14	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
99	F111 - F115	F8/F502	DIV-03	GB11: 2'-5" x 3'-8" Grade Beam (36 LF)	12	10%	13	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
100	F111 - F115	F8/F502	DIV-03	1'-6" x 1'-2" Extruded Concrete Block Above Grade Beam	2	10%	3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
101	F111 - F115	F8/F502	DIV-03	Longitudinal Reinforcement (4) #9 Cont. Bars @ Top	490	10%	539	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
102	F111 - F115	F8/F502	DIV-03	Longitudinal Reinforcement (4) #8 Cont. Bars @ Bottom	384	10%	423	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
103	F111 - F115	F8/F502	DIV-03	Longitudinal Reinforcement (4) #4 Cont. Bars @ Middle	96	10%	106	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
104	F111 - F115	F8/F502	DIV-03	Stirrup #4 @ 48" O.C.	78	10%	86	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
105	F111 - F115	F8/F502	DIV-03	Surevoid 1/2" White Backfill Retainer Or Approved Equal	108	10%	119	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
106	F111 - F115	F8/F502	DIV-03	2'-0" x 0'-8" Carton Void Form	36	10%	40	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
107	F111 - F115	F8/F502	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	132	10%	145	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
108	F111 - F115	F8/F502	DIV-03	Formwork	348	10%	383	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
109	F111 - F115	F8/F502	DIV-03	Excavation	17	10%	18	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
110	F111 - F115	F8/F502	DIV-03	Backfill	5	10%	5	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
111	F111 - F115	F11/F502	DIV-03	Note: Formed & Rubbed Concrete Finish Where Foundation Is Exposed.												
112	F111 - F115	F11/F502	DIV-03	GB12: 2'-8" x 3'-8" Grade Beam (60 LF)	22	10%	24	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
113	F111 - F115	F11/F502	DIV-03	Longitudinal Reinforcement (4) #9 Cont. Bars @ Top	816	10%	898	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
114	F111 - F115	F11/F502	DIV-03	Longitudinal Reinforcement (4) #8 Cont. Bars @ Bottom	641	10%	705	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
115	F111 - F115	F11/F502	DIV-03	Longitudinal Reinforcement (4) #4 Cont. Bars @ Middle	160	10%	176	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
116	F111 - F115	F11/F502	DIV-03	Stirrup #4 @ 48" O.C.	130	10%	143	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
117	F111 - F115	F11/F502	DIV-03	Surevoid 1/2" White Backfill Retainer Or Approved Equal	180	10%	198	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
118	F111 - F115	F11/F502	DIV-03	2'-0" x 0'-8" Carton Void Form	60	10%	66	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
119	F111 - F115	F11/F502	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	220	10%	242	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
120	F111 - F115	F11/F502	DIV-03	Formwork	440	10%	484	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
121	F111 - F115	F11/F502	DIV-03	Excavation	30	10%	33	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
122	F111 - F115	F11/F502	DIV-03	Backfill	8	10%	9	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
123	F111 - F115	M5/F502	DIV-03	Note: Formed & Rubbed Concrete Finish Where Foundation Is Exposed.												
124	F111 - F115	M5/F502	DIV-03	GB13: 2'-2" x 3'-4" Grade Beam (82 LF)	22	10%	24	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
125	F111 - F115	M5/F502	DIV-03	1'-6" x 1'-5" Extruded Concrete Block Above Grade Beam	6	10%	7	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
126	F111 - F115	M5/F502	DIV-03	Longitudinal Reinforcement (4) #9 Cont. Bars @ Top	1,115	10%	1,227	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
127	F111 - F115	M5/F502	DIV-03	Longitudinal Reinforcement (4) #8 Cont. Bars @ Bottom	876	10%	963	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
128	F111 - F115	M5/F502	DIV-03	Longitudinal Reinforcement (4) #4 Cont. Bars @ Middle	219	10%	241	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
129	F111 - F115	M5/F502	DIV-03	Stirrup #4 @ 48" O.C.	151	10%	166	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
130	F111 - F115	M5/F502	DIV-03	Surevoid 1/2" White Backfill Retainer Or Approved Equal	246	10%	271	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	

Item #	Ref. Sheet	Detail	CSI Sect	Description	Qty.	Wastage	Qty with Wastage	Unit	Unit Labor Hours	Total Labor Hours	Per Hour Labor Rate	Total Labor Cost	Unit Material Cost	Total Material Cost	Item Cost	Trade Cost
129	F111 - F115	M5/F502	DIV-03	2'-0" x 0'-8" Carton Void Form	82	10%	90	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
130	F111 - F115	M5/F502	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	273	10%	300	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
131	F111 - F115	M5/F502	DIV-03	Formwork	778	10%	856	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
132	F111 - F115	M5/F502	DIV-03	Excavation	32	10%	35	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
133	F111 - F115	M5/F502	DIV-03	Backfill	10	10%	11	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Note: Formed & Rubbed Concrete Finish Where Foundation Is Exposed.												
134	F111 - F115	M8/F502	DIV-03	GB14: 2'-5" x 3'-4" Grade Beam (7 LF)	2	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
135	F111 - F115	M8/F502	DIV-03	1'-6" x 1'-5" Extruded Concrete Block Above Grade Beam	1	10%	1	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
136	F111 - F115	M8/F502	DIV-03	Longitudinal Reinforcement (4) #9 Cont. Bars @ Top	95	10%	105	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
137	F111 - F115	M8/F502	DIV-03	Longitudinal Reinforcement (4) #8 Cont. Bars @ Bottom	75	10%	82	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
138	F111 - F115	M8/F502	DIV-03	Longitudinal Reinforcement (4) #4 Cont. Bars @ Middle	19	10%	21	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
139	F111 - F115	M8/F502	DIV-03	Stirrup #4 @ 48" O.C.	1,065	10%	1,171	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
140	F111 - F115	M8/F502	DIV-03	Surevoid 1/2" White Backfill Retainer Or Approved Equal	21	10%	23	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
141	F111 - F115	M8/F502	DIV-03	2'-0" x 0'-8" Carton Void Form	7	10%	8	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
142	F111 - F115	M8/F502	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	23	10%	26	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
143	F111 - F115	M8/F502	DIV-03	Formwork	66	10%	73	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
144	F111 - F115	M8/F502	DIV-03	Excavation	3	10%	3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
145	F111 - F115	M8/F502	DIV-03	Backfill	1	10%	1	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Note: Formed & Rubbed Concrete Finish Where Foundation Is Exposed.												
146	F111 - F115	F1/F502	DIV-03	GB15: 2'-0" x 3'-8" Grade Beam (39 LF)	11	10%	12	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
147	F111 - F115	F1/F502	DIV-03	Longitudinal Reinforcement (4) #9 Cont. Bars @ Top	530	10%	583	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
148	F111 - F115	F1/F502	DIV-03	Longitudinal Reinforcement (4) #8 Cont. Bars @ Bottom	417	10%	458	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
149	F111 - F115	F1/F502	DIV-03	Longitudinal Reinforcement (4) #4 Cont. Bars @ Middle	104	10%	115	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
150	F111 - F115	F1/F502	DIV-03	Stirrup #4 @ 48" O.C.	78	10%	86	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
151	F111 - F115	F1/F502	DIV-03	Asphalt Fiber Expansion Joint Material	124	10%	136	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
152	F111 - F115	F1/F502	DIV-03	Surevoid 1/2" White Backfill Retainer Or Approved Equal	117	10%	129	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
153	F111 - F115	F1/F502	DIV-03	2'-0" x 0'-8" Carton Void Form	39	10%	43	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
154	F111 - F115	F1/F502	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	143	10%	157	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
155	F111 - F115	F1/F502	DIV-03	Formwork	286	10%	315	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
156	F111 - F115	F1/F502	DIV-03	Excavation	16	10%	17	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
157	F111 - F115	F1/F502	DIV-03	Backfill	5	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
158	F111 - F115	Plan Notes	DIV-03	GB17: 2'-0" x 3'-6" Grade Beam (14 LF)	4	10%	4	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
159	F111 - F115	Assumed	DIV-03	Longitudinal Reinforcement (4) #9 Cont. Bars @ Top	190	10%	209	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
160	F111 - F115	Assumed	DIV-03	Longitudinal Reinforcement (4) #8 Cont. Bars @ Bottom	150	10%	164	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
161	F111 - F115	Assumed	DIV-03	Longitudinal Reinforcement (4) #4 Cont. Bars @ Middle	37	10%	41	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
162	F111 - F115	Assumed	DIV-03	Stirrup #4 @ 48" O.C.	28	10%	31	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
163	F111 - F115	Assumed	DIV-03	Asphalt Fiber Expansion Joint Material	44	10%	49	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
164	F111 - F115	Assumed	DIV-03	Surevoid 1/2" White Backfill Retainer Or Approved Equal	942	10%	1,036	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
165	F111 - F115	Assumed	DIV-03	2'-0" x 0'-8" Carton Void Form	14	10%	15	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
166	F111 - F115	Assumed	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	51	10%	56	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
167	F111 - F115	Assumed	DIV-03	Formwork	103	10%	113	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
168	F111 - F115	Assumed	DIV-03	Excavation	5	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
169	F111 - F115	Assumed	DIV-03	Backfill	2	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Note: No specific detail was provided for GB17; therefore, we have assumed the same details as indicated for GB15 for consistency.												
170	F401	E3 & H3/F401	DIV-03	0'-8" x 2'-4" Concrete Grade Beam @ Ramp (12 LF)	1	10%	1	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
171	F401	E3 & H3/F401	DIV-03	Longitudinal Reinforcement(2) #5 Bars @ T&B	50	10%	55	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
172	F401	E3 & H3/F401	DIV-03	Stirrup #3 @ 30" O.C.	11	10%	12	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
173	F401	E3 & H3/F401	DIV-03	Formwork	56	10%	62	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
174	F401	E3 & H3/F401	DIV-03	Excavation	2	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
175	F401	E3 & H3/F401	DIV-03	Backfill	1	10%	1	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
176	F401	E3 & H3/F401	DIV-03	0'-8" x 0'-8" Concrete Grade Beam @ Ramp (6 LF)	0.1	10%	0.1	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
177	F401	E3 & H3/F401	DIV-03	Longitudinal Reinforcement(2) #5 Bars @ T&B	25	10%	28	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
178	F401	E3 & H3/F401	DIV-03	Stirrup #3 @ 30" O.C.	3	10%	3	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
179	F401	E3 & H3/F401	DIV-03	Formwork	8	10%	9	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
180	F401	E3 & H3/F401	DIV-03	Excavation	0.2	10%	0.3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST
181	F401	E3 & H3/F401	DIV-03	Backfill	0.1	10%	0.2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
182	F401	E3 & H3/F401	DIV-03	0'-8" x 2'-0" Concrete Grade Beam @ Ramp (92 LF)	5	10%	5	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
183	F401	E3 & H3/F401	DIV-03	Longitudinal Reinforcement(2) #5 Bars @ T&B	384	10%	422	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
184	F401	E3 & H3/F401	DIV-03	Stirrup #3 @ 30" O.C.	83	10%	91	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
185	F401	E3 & H3/F401	DIV-03	Formwork	368	10%	405	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
186	F401	E3 & H3/F401	DIV-03	Excavation	11	10%	12	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
187	F401	E3 & H3/F401	DIV-03	Backfill	7	10%	7	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
188	F402	M1/F402	DIV-03	0'-8" x 1'-6" Grade Beam (82 LF)	3	10%	3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
189	F402	M1/F402	DIV-03	Longitudinal Reinforcement(2) #5 Bars @ T&B	342	10%	376	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
190	F402	M1/F402	DIV-03	Stirrup #3 @ 30" O.C.	62	10%	68	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
191	F402	M1/F402	DIV-03	Formwork	246	10%	271	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
192	F402	M1/F402	DIV-03	Excavation	17	10%	18	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
193	F402	M1/F402	DIV-03	Backfill	14	10%	15	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
194	F403	F3/F403	DIV-03	1'-0" x 1'-0" Grade Beam @ Ramp (7 LF)	0.3	10%	0.3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
195	F403	F3/F403	DIV-03	Longitudinal Reinforcement(4) #5 Bars	29	10%	32	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
196	F403	F3/F403	DIV-03	Stirrup #3 @ 30" O.C.	4	10%	5	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
197	F403	F3/F403	DIV-03	Formwork	14	10%	15	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
198	F403	F3/F403	DIV-03	Excavation	0.5	10%	1	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
199	F403	F3/F403	DIV-03	Backfill	0.3	10%	0.3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
200	F403	F3/F403	DIV-03	1'-0" x 3'-6" Grade Beam @ Ramp (39 LF)	5	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
201	F403	F3/F403	DIV-03	Longitudinal Reinforcement(6) #5 Bars	243	10%	268	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
202	F403	F3/F403	DIV-03	Stirrup #3 @ 30" O.C.	53	10%	58	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
203	F403	F3/F403	DIV-03	Formwork	273	10%	300	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
204	F403	F3/F403	DIV-03	Excavation	10	10%	11	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
205	F403	F3/F403	DIV-03	Backfill	5.1	10%	5.6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
206	F403	F3/F403	DIV-03	1'-0" x 6'-0" Grade Beam @ Ramp (42 LF)	9	10%	10	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
207	F403	F3/F403	DIV-03	Longitudinal Reinforcement(8) #5 Bars	349	10%	384	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
208	F403	F3/F403	DIV-03	Stirrup #3 @ 30" O.C.	88	10%	97	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
209	F403	F3/F403	DIV-03	Formwork	504	10%	554	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
210	F403	F3/F403	DIV-03	Excavation	19	10%	21	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
211	F403	F3/F403	DIV-03	Backfill	9.3	10%	10.3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
212	F402	Detail/F402	DIV-03	1'-0" x 2'-0" Grade Beam @ Stairs (25 LF)	2	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
213	F402	Detail/F402	DIV-03	Longitudinal Reinforcement(4) #5 Bars	104	10%	115	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
214	F402	Detail/F402	DIV-03	Stirrup #3 @ 30" O.C.	23	10%	25	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
215	F402	Detail/F402	DIV-03	Formwork	100	10%	110	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
216	F402	Detail/F402	DIV-03	Excavation	4	10%	4	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
217	F402	Detail/F402	DIV-03	Backfill	1.9	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Pier												
218	F111 - F115	M9/F504	DIV-03	P1: 2'-0" Dia. Concrete Pier (92'-10" H, 36 EA)	466	10%	513	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
219	F111 - F115	M9/F504	DIV-03	Vertical Reinforcement (8) #7 Bars	54,646	10%	60,111	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
220	F111 - F115	M9/F504	DIV-03	Ties #4 @ 12" O.C.	1,301,414	10%	1,431,555	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
221	F111 - F115	M9/F504	DIV-03	Formwork	22,117	10%	24,329	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
222	F111 - F115	M9/F504	DIV-03	Excavation	186	10%	204	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
223	F111 - F115	M9/F504	DIV-03	Backfill	87	10%	96	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Elevator Pit												
224	F510	M1/F510	DIV-03	3'-0" Deep, Elevator Pit (150 SF)	17	10%	18	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
225	F510	M1/F510	DIV-03	Reinforcement #8 Bars @ 12" O.C., Each Way, T&B	1,560	10%	1,716	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	
226	F510	M1/F510	DIV-03	Reinforcement (10) #7 Cont. Bars	858	10%	944	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
227	F510	M1/F510	DIV-03	Stirrups #4 @ 9" O.C.	324	10%	357	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
228	F510	M1/F510	DIV-03	Formwork	147	10%	162	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
229	F510	M1/F510	DIV-03	Excavation	19	10%	21	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
230	F510	M1/F510	DIV-03	Backfill	3	10%	3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
231	F510	M1/F510	DIV-03	1'-4" x 3'-4" Grade Beam @ Elevator Pit (42 LF)	7	10%	8	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
232	F510	M1/F510	DIV-03	Reinforcement (4) #7 Cont. Bars	343	10%	378	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
233	F510	M1/F510	DIV-03	Reinforcement (4) #5 Cont. Bars	175	10%	193	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
234	F510	M1/F510	DIV-03	Stirrups #4 @ 18" O.C.	187	10%	206	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
235	F510	M1/F510	DIV-03	Dowel #6 @ 12" O.C., Each Face	882	10%	970	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
236	F510	M1/F510	DIV-03	Formwork	280	10%	308	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
237	F510	M1/F510	DIV-03	Excavation	12	10%	13	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
238	F510	M1/F510	DIV-03	Backfill	5	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
				Note: Concrete Compressive Strength Shall Be 4000 PSI At 28 Days. Steel Reinforcing Bars Shall Be Grade 60 ASTM A-615.													
				Slab On Grade													
				5" Thk Concrete Slab On Grade (80756 SF)													
239	F111 - F115	Plan Notes	DIV-03	- Trowel Smooth Finish	1,244	10%	1,369	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
240	F111 - F115	Plan Notes	DIV-03	Reinforcement #4 Bars @ 16" O.C., Each Way	81,120	10%	89,232	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
241	F111 - F115	Plan Notes	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	80,756	10%	88,832	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
242	F111 - F115	Plan Notes	DIV-03	2" Sand	80,756	10%	88,832	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
243	F111 - F115	Plan Notes	DIV-03	Compacted Fill	80,756	10%	88,832	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
244	F111 - F115	Plan Notes	DIV-03	Formwork	1,337	10%	1,471	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
				4" Extruded Rigid Polystyrene Insulation Board Below Slab @ Walk In Cooler/Freezer													
245	F112	Plan Notes	DIV-03	Inside Culinary Arts Lab	145	10%	160	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
				Composite Deck/Concrete Topping													
246	S111 - S115	Plan Notes	DIV-03	4" Thk. Concrete Topping Over 1.5 C20 Floor Deck (56035 SF)	685	10%	753	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
247	S111 - S115	Plan Notes	DIV-03	Reinforcement 6x6-W1.4xW1.4	81,120	10%	89,232	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
248	S111 - S115	Plan Notes	DIV-03	Formwork	671	10%	738	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
249	S123	Plan Notes	DIV-03	4" Thk. (4000 PSI) Concrete Topping @ Composite Roof Deck-Slab (10397 SF)	127	10%	140	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
250	S123	Plan Notes	DIV-03	Reinforcement #4 Bars @ 12" O.C., Each Way	13,890	10%	15,279	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
251	S123	Plan Notes	DIV-03	Formwork	137	10%	150	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
				Insulated Concrete Formwork - ICF													
				12" Reinforced 4000 PSI Concrete Bearing Wall (38'-10" H, 416 LF)													
252	F113	M1 & M8/S602	DIV-03	- Constructed With Nudura ICF Series Insulated Concrete Form Or Approved Equal	598	10%	658	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
253	F113	M1 & M8/S602	DIV-03	Horizontal Reinforcement #5 Bars @ 18" O.C., Each Face	23,332	10%	25,665	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
254	F113	M1 & M8/S602	DIV-03	Vertical Reinforcement #6 Bars @ 12" O.C., Each Face	48,460	10%	53,306	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
255	F113	M1 & M8/S602	DIV-03	Reinforcement #5 "U" Bar @ 12" O.C.	6,508	10%	7,159	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
256	F113	M1 & M8/S602	DIV-03	Formwork	32,307	10%	35,537	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
				Ramp													
				5" Thk. Concrete Ramp													
257	F401	E3 & H3/F401	DIV-03	- Compacted Granular Fill w/ a P.I. Of 5 Or Less. Compacted To 95% In 8" Layers	6	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
258	F401	E3 & H3/F401	DIV-03	Reinforcement #4 Bars @ 16" O.C., Each Way	370	10%	407	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
259	F401	E3 & H3/F401	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	368	10%	405	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
260	F401	E3 & H3/F401	DIV-03	Formwork	27	10%	29	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
				5" Thk. Concrete Ramp (213 SF)													
261	F402	M1/F402	DIV-03	- Compacted Granular Fill w/ a P.I. Of 5 Or Less. Compacted To 95% In 8" Layers	4	10%	4	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
262	F402	M1/F402	DIV-03	Reinforcement #4 Bars @ 16" O.C., Each Way	240	10%	264	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
263	F402	M1/F402	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	239	10%	262	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
264	F402	M1/F402	DIV-03	Formwork	25	10%	27	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -		
				Note: Formed & Rubbed Concrete Finish Where Foundation Is Exposed.													
				Note: Concrete Compressive Strength Shall Be 3000 PSI At 28 Days.													

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST
				Stairs												
265	F401	H9/F401	DIV-03	12'-2" W, Concrete Stairs - Compacted Granular Fill w/ a P.I. Of 5 Or Less. Compacted To 95% In 8" Layers	3	10%	3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
266	F401	H9/F401	DIV-03	Reinforcement #4 Bars @ 16" O.C., Each Way	122	10%	134	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
267	F401	H9/F401	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	122	10%	134	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
268	F401	H9/F401	DIV-03	Formwork	19	10%	21	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
269	F402	Detail/F402	DIV-03	25'-0" W, Concrete Stairs - Compacted Granular Fill w/ a P.I. Of 5 Or Less. Compacted To 95% In 8" Layers	5	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
270	F402	Detail/F402	DIV-03	Reinforcement #4 Bars @ 16" O.C., Each Way	151	10%	166	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
271	F402	Detail/F402	DIV-03	Reinforcement (8) #5 Bars	42	10%	46	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
272	F402	Detail/F402	DIV-03	Stirrups #3 @ 30" O.C.	41	10%	45	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
273	F402	Detail/F402	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	150	10%	165	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
274	F402	Detail/F402	DIV-03	Formwork	11	10%	12	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
275	F402	Detail/F402	DIV-03	1'-0" x 2'-0" Grade Beam @ Stairs (25 LF)	2	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
276	F402	Detail/F402	DIV-03	Longitudinal Reinforcement(4) #5 Bars	104	10%	115	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
277	F402	Detail/F402	DIV-03	Stirrup #3 @ 30" O.C.	23	10%	25	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
278	F402	Detail/F402	DIV-03	Formwork	100	10%	110	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
279	F402	Detail/F402	DIV-03	Excavation	4	10%	4	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
280	F402	Detail/F402	DIV-03	Backfill	1.9	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Trench Drain												
281	F112	M1/F04	DIV-03	1'-0" x 0'-6" Trench Drain	152	10%	167	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
282	F112	M1/F04	DIV-03	Excavation	6	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
283	F112	M1/F04	DIV-03	Backfill	3	10%	3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Note: Concrete Compressive Strength Shall Be 4000 PSI At 28 Days. Steel Reinforcing Bars Shall Be Grade 60 ASTM A-615.												
				Installation Of Base Plates												
284	F112	Plan Note 03010	DIV-03	PL "A": 6" x 6" x 3/4" Welded Column Base Plate (4) 3/4" Anchor Bolts w/ 1'-0" Embedment Length	81	0%	81	EA	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
285	F112	Plan Note 03010	DIV-03	PL "D": 17" x 17" x 1-1/2" Welded Column Base Plate (4) 1-1/4" Anchor Bolts w/ 2'-0" Embedment Length	126	0%	126	EA	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
286	F112	Plan Note 03010	DIV-03	PL "C": 14" x 14" x 1-1/2" Welded Column Base Plate (4) 1-1/4" Anchor Bolts w/ 2'-0" Embedment Length	5	0%	5	EA	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
			c	Note: Column Weld Plate By Div. 05, Installation Tto Be Provided By Section 03010 - Concrete.												
				Site Concrete												
				Sidewalk												
287	F311 - F315	Plan Notes	DIV-03	5" Thk. Concrete Sidewalk (8260 SF) (1:48) - Provide Broom Finish Perpendicular To Traffic - Max Cross Slope Shall Not Exceed 2%.	127	10%	140	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
288	F311 - F315	Plan Notes	DIV-03	5" Thk. Concrete Sidewalk (1877 SF) (1:20) - Provide Broom Finish Perpendicular To Traffic - Max Cross Slope Shall Not Exceed 2%.	29	10%	32	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
289	F311 - F315	Plan Notes	DIV-03	Reinforcement #3 Bars @ 18" O.C., Each Way	5,082	10%	5,590	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
290	F311 - F315	Plan Notes	DIV-03	#3 Dowels x 2'-0" L, Embedded 4" @ 18" O.C.	809	10%	890	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
291	F311 - F315	Plan Notes	DIV-03	3/8" Tooled Contraction Joint	6,712	10%	7,383	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				1/2" Expansion Joints - Use "Peel Away" Expansion Joint Filler												
292	F311 - F315	Plan Notes	DIV-03	- Fill Groove With Non-Sag Gray Silicone Sealant Equal To "Dow-Corning" 888 Sealant	727	10%	800	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
293	F311 - F315	Plan Notes	DIV-03	Formwork	1,562	10%	1,719	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	

Item #	Ref. Sheet	Detail	CSI Sect	Description	Qty.	Wastage	Qty With Wastage	Unit	Unit Labor Hours	Total Labor Hours	Per Hour Labor Rate	Total Labor Cost	Unit Material Cost	Total Material Cost	Item Cost	Trade Cost
				Pavement												
294	C105 & F315	Plan Notes	DIV-03	5" Thk. Concrete Pavement (5302 SF)	82	10%	90	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
295	C105 & F315	Plan Notes	DIV-03	Reinforcement #3 Bars @ 12" O.C., Each Way	3,987	10%	4,386	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
296	C105 & F315	Plan Notes	DIV-03	6" Thk. Flexible Base Course, TxDOT Item 247, Type "A", Grade 2 Or Better	98	10%	108	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
297	C105 & F315	Plan Notes	DIV-03	Compacted Subgrade	5,302	10%	5,832	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
298	C105 & F315	Plan Notes	DIV-03	Formwork	367	10%	404	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
299	C401 - C403	Plan Notes	DIV-03	5" Thk. Concrete Pavement @ Bridge (1748 SF)	27	10%	30	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
300	C401 - C403	Plan Notes	DIV-03	Reinforcement #4 Bars @ 12" O.C., Each Way	2,335	10%	2,569	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
301	C401 - C403	Plan Notes	DIV-03	6" Thk. Flexible Base Course, TxDOT Item 247, Type "A", Grade 2 Or Better	32	10%	36	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
302	C401 - C403	Plan Notes	DIV-03	Compacted Subgrade	1,748	10%	1,923	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
303	C401 - C403	Plan Notes	DIV-03	Formwork	97	10%	107	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
304	C104 & C105	Plan Notes	DIV-03	7" Thk. Concrete Paving Driveway (17514 SF)	376	10%	414	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
305	C104 & C105	Plan Notes	DIV-03	Reinforcement #4 Bars @ 12" O.C., Each Way	23,399	10%	25,739	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
306	C104 & C105	Plan Notes	DIV-03	6" Thk. Flexible Base Course, TxDOT Item 247, Type "A", Grade 2 Or Better	324	10%	357	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
307	C104 & C105	Plan Notes	DIV-03	Compacted Subgrade	17,514	10%	19,265	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
308	C104 & C105	Plan Notes	DIV-03	Formwork	1,035	10%	1,139	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Curb												
309	C104 & C105	F11/C504	DIV-03	2'-0" W x 0'-6" H, Mountable Curb	55	10%	61	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
310	C104 & C105	M1/C501	DIV-03	6" x 6"H, Concrete Curb/ 1'-6" W, Concrete Gutter	519	10%	570	LF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Pad Footing												
311	C401	Plan Notes	DIV-03	2'-0"x 2'-0" x 1'-6" Concrete Pad Footing @ Bridge Post (6 EA) - Footing Details Assumed	1.3	10%	1.5	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
312	C401	Plan Notes	DIV-03	Reinforcement (3) #4 Bars @ Each Way	48	10%	53	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
313	C401	Plan Notes	DIV-03	Formwork	72	10%	79	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
314	C401	Plan Notes	DIV-03	Excavation	3	10%	3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
315	C401	Plan Notes	DIV-03	Backfill	2	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Note: There are a few discrepancies between the F-series and C-series sheets; however, I have followed the details as shown in their respective series to maintain consistency with the provided documentation.												
				Stairs												
316	F404	D10/F404	DIV-03	6'-0" W, Exterior Concrete Stairs - Compacted Granular Fill w/ a P.I. Of 5 Or Less. Compacted To 95% In 8" Layers	2	10%	3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
317	F404	D10/F404	DIV-03	Reinforcement #4 Bars @ 16" O.C., Each Way	32	10%	35	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
318	F404	D10/F404	DIV-03	Reinforcement (10) #5 Bars	63	10%	69	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
319	F404	D10/F404	DIV-03	Stirrups #3 @ 30" O.C.	12	10%	13	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
320	F404	D10/F404	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	60	10%	66	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
321	F404	D10/F404	DIV-03	Formwork	22	10%	24	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
322	F404	M10/F404	DIV-03	9'-0" W, Exterior Concrete Stairs - Compacted Granular Fill w/ a P.I. Of 5 Or Less. Compacted To 95% In 8" Layers	5	10%	5	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
323	F404	M10/F404	DIV-03	Reinforcement #4 Bars @ 16" O.C., Each Way	67	10%	74	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
324	F404	M10/F404	DIV-03	Reinforcement (10) #5 Bars	94	10%	103	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
325	F404	M10/F404	DIV-03	Stirrups #3 @ 30" O.C.	24	10%	27	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
326	F404	M10/F404	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	126	10%	139	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
327	F404	M10/F404	DIV-03	Formwork	28	10%	31	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Ramp												
328	F403	F3/F403	DIV-03	5" Thk. Exterior Concrete Ramp - Compacted Granular Fill w/ a P.I. Of 5 Or Less. Compacted To 95% In 8" Layers	10	10%	11	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
329	F403	F3/F403	DIV-03	Reinforcement #4 Bars @ 16" O.C., Each Way	675	10%	743	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
330	F403	F3/F403	DIV-03	15 Mil. Thk. Polythene Moisture Barrier	672	10%	739	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
331	F403	F3/F403	DIV-03	Formwork	80	10%	88	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST
332	F403	F3/F403	DIV-03	Accessible Ramp (1:12) (92 SF)	2	10%	2	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
333	F403	F3/F403	DIV-03	Formwork	28	10%	30	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Grade Beam												
334	F403	F3/F403	DIV-03	1'-0" x 1'-0" Grade Beam @ Ramp	0.3	10%	0.3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
335	F403	F3/F403	DIV-03	Longitudinal Reinforcement(4) #5 Bars	29	10%	32	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
336	F403	F3/F403	DIV-03	Stirrup #3 @ 30" O.C.	4	10%	5	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
337	F403	F3/F403	DIV-03	Formwork	14	10%	15	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
338	F403	F3/F403	DIV-03	Excavation	0.5	10%	1	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
339	F403	F3/F403	DIV-03	Backfill	0.3	10%	0.3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
340	F403	F3/F403	DIV-03	1'-0" x 3'-6" Grade Beam @ Ramp (39 LF)	5	10%	6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
341	F403	F3/F403	DIV-03	Longitudinal Reinforcement(6) #5 Bars	243	10%	268	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
342	F403	F3/F403	DIV-03	Stirrup #3 @ 30" O.C.	53	10%	58	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
343	F403	F3/F403	DIV-03	Formwork	273	10%	300	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
344	F403	F3/F403	DIV-03	Excavation	10	10%	11	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
345	F403	F3/F403	DIV-03	Backfill	5.1	10%	5.6	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
346	F403	F3/F403	DIV-03	1'-0" x 6'-0" Grade Beam @ Ramp (42 LF)	9	10%	10	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
347	F403	F3/F403	DIV-03	Longitudinal Reinforcement(8) #5 Bars	349	10%	384	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
348	F403	F3/F403	DIV-03	Stirrup #3 @ 30" O.C.	88	10%	97	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
349	F403	F3/F403	DIV-03	Formwork	504	10%	554	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
350	F403	F3/F403	DIV-03	Excavation	19	10%	21	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
351	F403	F3/F403	DIV-03	Backfill	9.3	10%	10.3	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
				Retaining Wall												
352	F403	/F403 & M1/F405	DIV-03	1'-0" x 5'-0" Retaining Wall (999 LF)	185	10%	204	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
353	F403	/F403 & M1/F405	DIV-03	Longitudinal Reinforcement(12) #4 Bars	8,008	10%	8,809	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
354	F403	/F403 & M1/F405	DIV-03	Vertical Reinforcement #5 Bars @ 12" O.C., Each face	10,420	10%	11,462	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
355	F403	/F403 & M1/F405	DIV-03	Formwork w/ 3/4" Chamfer	9,990	10%	10,989	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
356	F403	/F403 & M1/F405	DIV-03	Excavation	370	10%	407	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
357	F403	/F403 & M1/F405	DIV-03	Backfill	185	10%	203.5	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
358	F403	M1/F405	DIV-03	1'-0" x 5'-0" Retaining Wall (205 LF)	38	10%	42	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
359	F403	M1/F405	DIV-03	Longitudinal Reinforcement(12) #4 Bars	1,643	10%	1,808	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
360	F403	M1/F405	DIV-03	Vertical Reinforcement #5 Bars @ 12" O.C., Each face	2,138	10%	2,352	LBS	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
361	F403	M1/F405	DIV-03	Formwork w/ 3/4" Chamfer	2,050	10%	2,255	SF	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
362	F403	M1/F405	DIV-03	Excavation	76	10%	84	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
363	F403	M1/F405	DIV-03	Backfill	38	10%	41.8	CY	0	-	\$ -	\$ -	\$ -	\$ -	\$ -	
SUB TOTAL								Total Lab. Hours = \$ -			Total Lab. Cost \$ -		Total Mat. Cost \$ -		\$ -	\$ -
TOTAL																\$ -

BAND HALL ADDITION, ANNEX with GYM/ STORM SHELTER WYLIE I.S.D. ABILENE, TEXAS



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FIRM REG. No. F-000849

VOLUME 1 of 2

CONSULTING ENGINEERS

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YE
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MECHANICAL

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PROJECT INFORMATION

PROJECT NO. C772
APRIL 30, 2025
BAND HALL ADD, ANNEX GYM/STORM SHELTER
WYLIE ISD.
4502 ANTILLEY RD
ABILENE, TEXAS 79606

APPLICABLE CODES: 2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL PLUMBING CODE
2020 NATIONAL ELECTRICAL CODE
2021 INTERNATIONAL FIRE CODE
2021 ABILENE FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2012 TEXAS ACCESSIBILITY STANDARDS
ICC 500-2020 STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS

CODE INFORMATION

CONSTRUCTION TYPE: TYPE I B (UNPROTECTED, SPRINKLERED)
OCCUPANCY: "E" EDUCATIONAL

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT				
FUNCTION OF SPACE	FLOOR AREA IN SQ. FT. PER OCCUPANT	ACTUAL FLOOR AREA	OCCUPANCY	PER TABLE
EDUCATIONAL	20 NET	124,116	30,422 / 20 CLASSROOM AREA 1,626 / 50 EDUCATIONAL AREA	1004.5
STORM SHELTER	REFER TO SHEET A10		5,007 / 50 LOCKER ROOMS	110.4
NUMBER OF STORIES: 3 (ALLOWED) 2 (ACTUAL)				
BUILDING AREA:		43,500 ALLOWABLE SQUARE FEET TABLE 506.2		
TOTAL ACTUAL AREA:		124,116 SQUARE FEET		
LEVEL 1 AREA:		71,133 SQUARE FEET		
LEVEL 2 AREA:		43,281 SQUARE FEET		
BAND HALL AREA:		9,045 SQUARE FEET		

ALLOWABLE AREA INCREASE - FRONTAGE SECTION 506.2.1

$A^0 = A^{1/2} [NS + 1]^2$ (Single-occupancy buildings)

A^0 = Allowable Area Increase
 A^1 = Tabular area (table 503) =
NS = Tabular allowable area factor for nonsprinklered buildings (table 506.2)

I^1 = Increase factor calculated from building frontage (section 506.3)
frontage increase factor refer to table 506.3.3

$A^0 = 43,500 + [14,500 \times 5]$

$A^0 = 43,500 + [7,250]$

$A^0 = 50,750$ TOTAL ALLOWABLE AREA AFTER INCREASE

*** FIRE SEPARATION WALL REQUIRED

EXIT ACCESS TRAVEL DISTANCE		PER TABLE 107.2
OCCUPANCY	WITHOUT AUTOMATIC SPRINKLER SYSTEM	WITH AUTOMATIC SPRINKLER SYSTEM
EDUCATIONAL	200 FEET	250 FEET

CORRIDOR FIRE RESISTANCE RATING		NON RATED	PER TABLE 102.1
MINIMUM NUMBER OF REQUIRED PLUMBING FITTINGS			TABLE 2002.1

WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	SERVICE SINK
MALE:	19 MINIMUM 30 PROVIDED	MALE:	19 MINIMUM 26 PROVIDED	18 MINIMUM 40 PROVIDED	4 PROVIDED
FEMALE:	19 MINIMUM 31 PROVIDED	FEMALE:	19 MINIMUM 27 PROVIDED		

DEMOLITION

D100 DEMO. SITE PLAN
D115 DEMO. FLOOR PLAN FOR BAND HALL - AREA 5
D401 EXISTING WALL SECTIONS

CIVIL

C300 EXISTING SITE PLAN
C101 OVERALL SITE PLAN
C104 ENLARGED SITE PLAN
C105 ENLARGED SITE PLAN
C106 ENLARGED SITE PLAN

C201 OVERALL SITE PLAN- DIMENSION PLAN

C401 PLAN VIEW AND SECTION
C402 PLAN VIEW AND SECTION
C403 PLAN VIEW AND SECTION
C404 PLAN VIEW AND SECTION
C501 SITE DETAILS
C502 SITE DETAILS
C503 SITE DETAILS
C504 SITE DETAILS

FOUNDATION

F100 OVERALL FOUNDATION PLAN
F111 ENLARGED FOUNDATION PLAN - AREA 1
F112 ENLARGED FOUNDATION PLAN - AREA 2
F113 ENLARGED FOUNDATION PLAN - AREA 3
F114 ENLARGED FOUNDATION PLAN - AREA 4

F115 ENLARGED FOUNDATION PLAN - AREA 5

F310 OVERALL SIDEWALK PLAN
F311 ENLARGED SIDEWALK PLAN - AREA 1
F312 ENLARGED SIDEWALK PLAN - AREA 2
F313 ENLARGED SIDEWALK PLAN - AREA 3
F314 ENLARGED SIDEWALK PLAN - AREA 4
F315 ENLARGED SIDEWALK PLAN - AREA 5

F401 INTERIOR RAMP FOUNDATION PLAN AND SECTION
F402 INTERIOR RAMP FOUNDATION PLAN AND SECTION
F403 EXTERIOR RAMP + STAIR FOUNDATION PLAN
F404 EXTERIOR RAMP + STAIR FOUNDATION PLAN
F405 ENLARGED SIDEWALK PLAN + RAMP SECTION

F501 GRADE BEAM DETAILS
F502 GRADE BEAM DETAILS
F503 DETAILS
F504 DETAILS
F510 FOUNDATION PLAN AND SECTIONS

STRUCTURAL

S001 STORM SHELTER STRUCTURAL NOTES
S002 STORM SHELTER INSPECTION TABLES
S100 OVERALL SECOND FLOOR FRAMING PLAN
S111 PARTIAL SECOND FLOOR FRAMING PLAN
S112 PARTIAL SECOND FLOOR FRAMING PLAN
S113 PARTIAL SECOND FLOOR FRAMING PLAN

S114 PARTIAL ROOF FRAMING PLAN
S115 PARTIAL SECOND FLOOR FRAMING PLAN
S120 OVERALL ROOF FRAMING PLAN
S121 PARTIAL ROOF FRAMING PLAN
S122 PARTIAL ROOF FRAMING PLAN
S123 PARTIAL ROOF FRAMING PLAN
S124 NOT USED

S125 PARTIAL ROOF FRAMING PLAN
S401 BUILDING SECTION
S402 BUILDING SECTION
S403 BUILDING SECTION
S404 BUILDING SECTION
S405 BUILDING SECTION
S406 BUILDING SECTION
S407 BUILDING SECTION

S408 ELEVATOR SECTION
S501 DETAILS
S502 DETAILS AND SCHEDULES
S503 DETAILS AND SCHEDULES
S504 DETAILS
S510 FOUNDATION PLAN AND SECTIONS

S601 STORM SHELTER SECTIONS
S602 STORM SHELTER SECTIONS + DETAILS
S603 STORM SHELTER SECTIONS AND DETAILS
S604 STORM SHELTER SECTIONS

S701 STAIRS + RAMP DETAILS
S702 STAIRS + RAMP DETAILS
S703 QUADRAIL DETAILS
S704 QUADRAIL ELEVATIONS
S705 QUADRAIL PLANS
S706 QUADRAIL DETAILS

ARCHITECTURAL

A100 OVERALL FIRST FLOOR PLAN
A111 FIRST FLOOR IDENTIFICATION PLAN- AREA 1
A112 FIRST FLOOR IDENTIFICATION PLAN- AREA 2
A113 GYM IDENTIFICATION PLAN- AREA 3
A114 FIRST FLOOR IDENTIFICATION PLAN- AREA 4
A115 BAND HALL IDENTIFICATION PLAN- AREA 5
A116 STAIRWELL ENLARGED PLANS
A117 ELEVATOR PLANS + DETAILS
A120 OVERALL SECOND FLOOR PLAN
A121 SECOND FLOOR IDENTIFICATION PLAN- AREA 1
A122 SECOND FLOOR IDENTIFICATION PLAN- AREA 2
A123 GYM UPPER IDENTIFICATION PLAN- AREA 3
A124 NOT USED
A125 BAND HALL IDENTIFICATION PLAN- AREA 5

A210 OVERALL FIRST FLOOR DIMENSION PLAN
A211 FIRST FLOOR DIMENSION PLAN- AREA 1
A212 FIRST FLOOR DIMENSION PLAN- AREA 2
A213 ENLARGED GYM/ STORM SHELTER DIMENSION PLAN- AREA 3
A214 FIRST FLOOR DIMENSION PLAN- AREA 4
A215 BAND HALL ADDITION DIMENSION FLOOR PLAN- AREA 5
A216 STAIRWELL ENLARGED PLANS
A220 OVERALL SECOND FLOOR DIMENSION PLAN
A221 SECOND FLOOR DIMENSION PLAN- AREA 1
A222 SECOND FLOOR DIMENSION PLAN- AREA 2
A223 GYM/STORM SHELTER UPPER AREA DIMENSION PLAN- AREA 3
A224 SHEET NOT USED
A225 BAND HALL DIMENSION PLAN- AREA 5

A300 OVERALL ELEVATIONS
A301 ENLARGED PARTIAL ELEVATION at ANNEX
A302 ENLARGED PARTIAL ELEVATION at ANNEX
A303 ENLARGED PARTIAL ELEVATION at ANNEX
A304 ENLARGED PARTIAL ELEVATION at ANNEX
A305 ENLARGED PARTIAL ELEVATION at ANNEX
A306 ELEVATIONS at BAND HALL

A400 TYPICAL WALL SECTIONS
A401 WALL SECTIONS
A402 WALL SECTIONS + DETAILS
A403 WALL SECTIONS + DETAILS
A404 WALL SECTIONS
A405 WALL SECTIONS + DETAILS
A406 WALL SECTIONS
A407 WALL SECTIONS
A408 WALL SECTIONS
A409 WALL SECTIONS
A410 WALL SECTIONS
A411 WALL SECTIONS
A412 WALL SECTIONS
A413 WALL SECTIONS
A414 WALL SECTIONS
A415 WALL SECTIONS
A416 WALL SECTIONS
A417 WALL SECTIONS
A418 WALL SECTIONS
A419 WALL SECTIONS + DETAILS

A420 WALL SECTIONS
A421 WALL SECTIONS
A422 WALL SECTIONS
A423 WALL SECTIONS
A424 ELEVATOR SECTIONS
A425 WALL SECTIONS
A426 WALL SECTIONS
A427 WALL SECTIONS
A428 WALL SECTIONS
A429 WALL SECTIONS

A500 ROOM FINISH SCHEDULE- SHEET 1 of 2
A501 ROOM FINISH SCHEDULE- SHEET 2 of 2
A502 OVERALL FIRST FLOOR WALL FINISH EXTENTS PLAN
A503 OVERALL SECOND FLOOR WALL FINISH EXTENTS PLAN
A504 WALL TILE + SPECIAL FINISHES ELEVATIONS
A505 LECTURE HALL ELEV. + DETAILS (ADDENDUM #1)
A506 NEW BAND HALL ELEV. + DETAILS (ADDENDUM #1)
A507 EXISTING BAND HALL ELEV. + DETAILS (ADDENDUM #1)
A508 PLAN DETAILS
A509 OVERALL FINISH FLOOR MATERIAL + PATTERN PLAN- 1ST FL.
A510 ENL. FLOOR MATERIAL + PATT. PLAN- 1ST FLOOR- AREA 1
A511 ENL. FLOOR MATERIAL + PATT. PLAN- 1ST FLOOR- AREA 2
A512 ENL. FLOOR MATERIAL + PATT. PLAN- 1ST FLOOR- AREA 3
A513 ENL. FLOOR MATERIAL + PATT. PLAN- 1ST FLOOR- AREA 4
A514 ENL. FLOOR MATERIAL + PATT. PLAN- 1ST FLOOR- AREA 5
A515 SOFFIT AND FURR DOWN DETAILS
A516 SOFFIT AND FURR DOWN DETAILS
A517 SOFFIT AND FURR DOWN DETAILS
A518 SOFFIT AND FURR DOWN DETAILS (ADDENDUM #1)
A519

A519 SOFFIT AND FURR DOWN DETAILS (ADDENDUM #1)
A520 OVERALL FINISH FLOOR MATERIAL + PATT. PLAN- 2ND FL.
A521 ENL. FLOOR MATERIAL + PATT. PLAN- 2ND FL- AREA 1
A522 ENL. FLOOR MATERIAL + PATT. PLAN- 2ND FL- AREA 2
A523 NOT USED
A524 NOT USED
A525 ENL. FLOOR MATERIAL + PATT. PLAN- 2ND FL- AREA 5
A600 ELEVATION TAG LOCATION PLAN- 1ST FLOOR
A601 ELEVATION TAG LOCATION PLAN- 1ST + 2ND FLOOR
A602 MILLWORK ELEVATIONS
A603 MILLWORK ELEVATIONS
A604 MILLWORK ELEVATIONS
A605 MILLWORK ELEVATIONS
A606 MILLWORK ELEVATIONS
A607 MILLWORK ELEVATIONS
A608 MILLWORK ELEVATIONS
A609 MILLWORK ELEVATIONS
A610 MILLWORK ELEVATIONS
A611 MILLWORK SECTIONS + DETAILS
A612 MILLWORK SECTIONS + DETAILS
A613 MILLWORK SECTIONS + DETAILS
A614 MILLWORK SECTIONS + DETAILS

A700 OVERALL ROOF PLAN
A701 ENLARGED ROOF PLAN- AREA 1
A702 ENLARGED ROOF PLAN- AREA 2
A703 ENLARGED ROOF PLAN- AREA 3
A704 ENLARGED ROOF PLAN- AREA 4
A705 ENLARGED ROOF PLAN- AREA 5

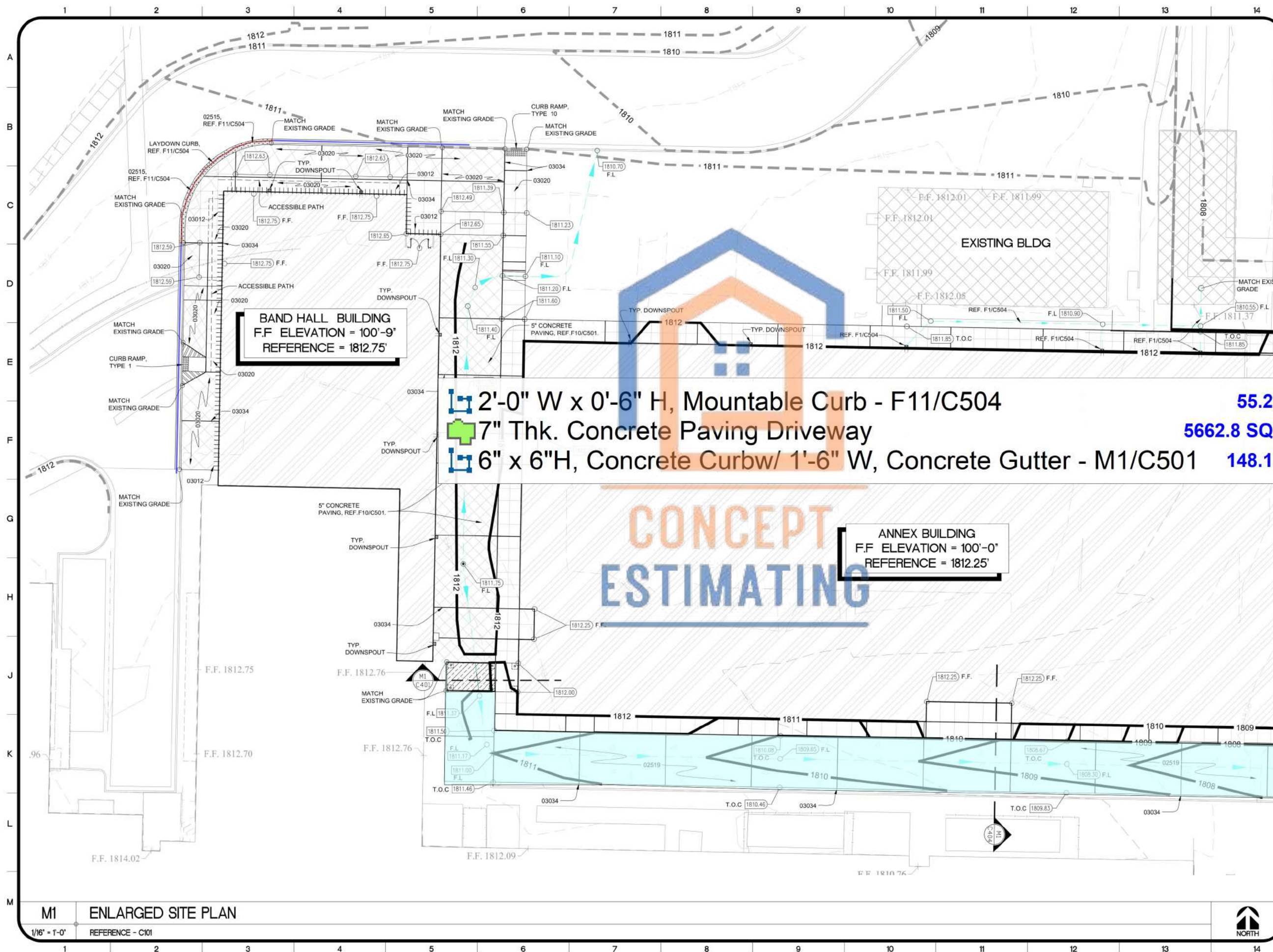
A706 ROOF DETAILS

A801 DOOR AND WINDOW ELEVATIONS
A802 DOOR AND WINDOW DETAILS
A803 DOOR AND WINDOW DETAILS
A804 DOOR AND WINDOW DETAILS
A805 DOOR AND WINDOW DETAILS
A806 DOOR AND WINDOW DETAILS

A910 OVERALL FIRST FLOOR REFLECTED CEILING PLAN
A911 FIRST FLOOR REFLECTED CEILING PLAN- AREA 1
A912 FIRST FLOOR REFLECTED CEILING PLAN- AREA 2
A913 FIRST FLOOR REFLECTED CEILING PLAN- AREA 3
A914 FIRST FLOOR REFLECTED CEILING PLAN- AREA 4
A915 BAND HALL REFLECTED CEILING PLAN- AREA 4
A920 OVERALL SECOND FLOOR REFLECTED CEILING PLAN
A921 SECOND FLOOR REFLECTED CEILING PLAN- AREA 1
A922 SECOND FLOOR REFLECTED CEILING PLAN- AREA 2
A923 UPPER AREA REFLECTED CEILING PLAN- AREA 3
A924 SHEET NOT USED
A925 UPPER AREA REFLECTED CEILING PLAN- AREA 5

A1000 TYPICAL RESTROOM DETAIL/ SCHEDULE
A1001 ENLARGED RESTROOM PLAN
A1002 ENLARGED RESTROOM PLAN
A1003 ENLARGED RESTROOM PLAN

A1010 ENLARGED CULINARY ARTS LAB
A1020 ENLARGED SCIENCE LABS



GENERAL NOTES

LEGEND

REFER TO F300 SERIES SHEETS FOR SIDEWALKS.

REFER TO C500 SHEETS FOR SITE DETAILS.

EXISTING TOPO - - - - - 18XX

NEW TOPO - - - - - 18XX

DENOTES ELEVATIONS - 18XX

5" CONCRETE PAVING

7" CONCRETE PAVING

T.O.C TOP OF CONCRETE

F.L. FLOW LINE

F.F. FINISH FLOOR ELEVATION

DIV. 1 - GENERAL CONDITIONS

DIV. 2 - SITEWORK

02515 2'-0" WIDE MOUNTABLE OR LAY DOWN CURB. REF. F11/C504.

02519 7" REINFORCED CONCRETE PAVING DRIVEWAY OVER 8" FLEXIBLE BASE COURSE. TxDOT ITEM 247, TYPE "A", GRADE 2 OR BETTER, REFER TO J1/C501.

02520 CONSTRUCTION JOINT PER J10/C501. ENGINEER SHALL APPROVE LOCATIONS OF CONSTRUCTION JOINTS PROPOSED BY CONTRACTORS.

02521 CONTROL JOINT PER J12/C501 AT 15'-0" O.C.E.W.

DIV. 3 - CONCRETE

03012 #4 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" - - WHERE NOTED.

CONCRETE SIDEWALK X 5" DEEP WITH #3'S @ 18" O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO TRAFFIC - MAXIMUM DSS SLOPE SHALL NOT EXCEED 2%. F. F7/C507.

PROVIDE 1" WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 1" MAX. USE "PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GY SILICONE SEALANT EQUAL TO HW-CORNING® 888 SEALANT. REFER TO J/C501.

55.2 FT

5662.8 SQ FT

148.1 FT

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2401 S. WILLIS, STE. 200 ABILENE, TEXAS 79605

BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

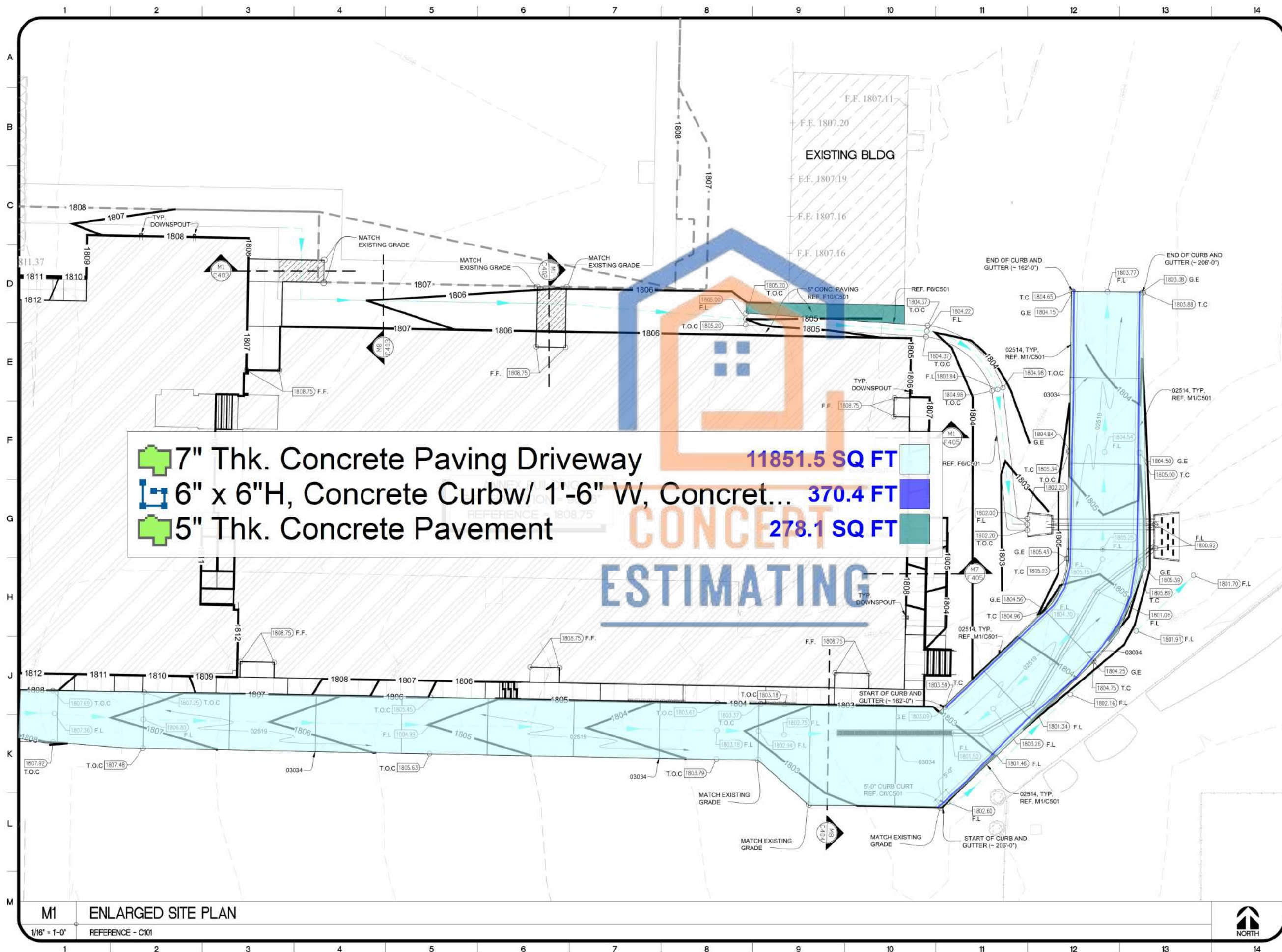
PROJECT NUMBER: C772
APRIL 30, 2025

C104

M1 ENLARGED SITE PLAN

1/16" = 1'-0" REFERENCE - C101





GENERAL NOTES

LEGEND

REFER TO F300 SERIES SHEETS FOR SIDEWALKS.

REFER TO C500 SHEETS FOR SITE DETAILS.

EXISTING TOPO ----- 18XX -----

NEW TOPO ----- 18XX -----

DENOTES ELEVATIONS 18XX

5" CONCRETE PAVING

7" CONCRETE PAVING

T.O.C TOP OF CONCRETE

T.C TOP OF CURB

G.E GUTTER ELEVATION

F.L FLOW LINE

F.F FINISH FLOOR ELEVATION

DIV. 1 - GENERAL CONDITIONS

DIV. 2 - SITEWORK

02514 6" X 6" HIGH CONCRETE CURB W/ 1'-6" WIDE CONCRETE GUTTER - REFERENCE M1/C501.

02519 7" REINFORCED CONCRETE PAVING DRIVEWAY OVER 6" FLEXIBLE BASE COURSE, TxDOT ITEM 247, TYPE 'A', GRADE 2 OR BETTER, REFER TO J1/C501.

02520 CONSTRUCTION JOINT PER J10/C501, ENGINEER SHALL APPROVE LOCATIONS OF CONSTRUCTION JOINTS PROPOSED BY CONTRACTORS.

02521 CONTROL JOINT PER J12/C501 AT 15'-0" O.C.E.W.

DIV. 3 - CONCRETE

03034 PROVIDE "WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 30'-0" MAX. USE "PEEL AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO "DOW-CORNING" 888 SEALANT. REFER TO M10/C501.

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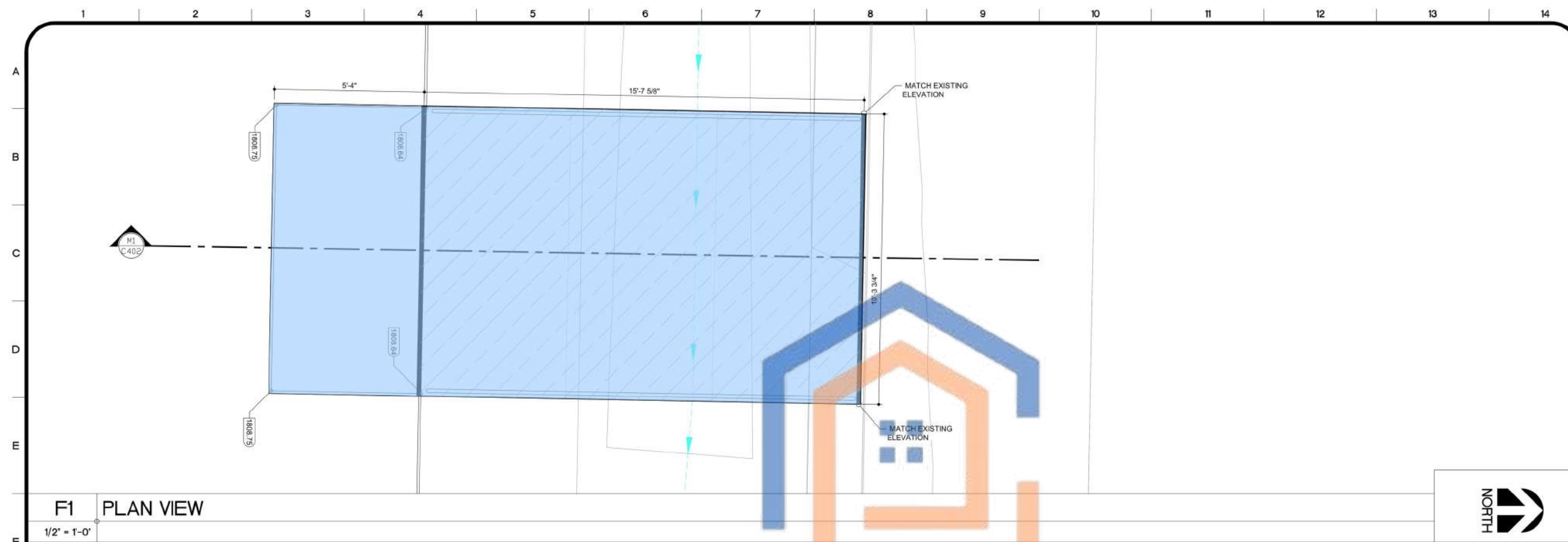
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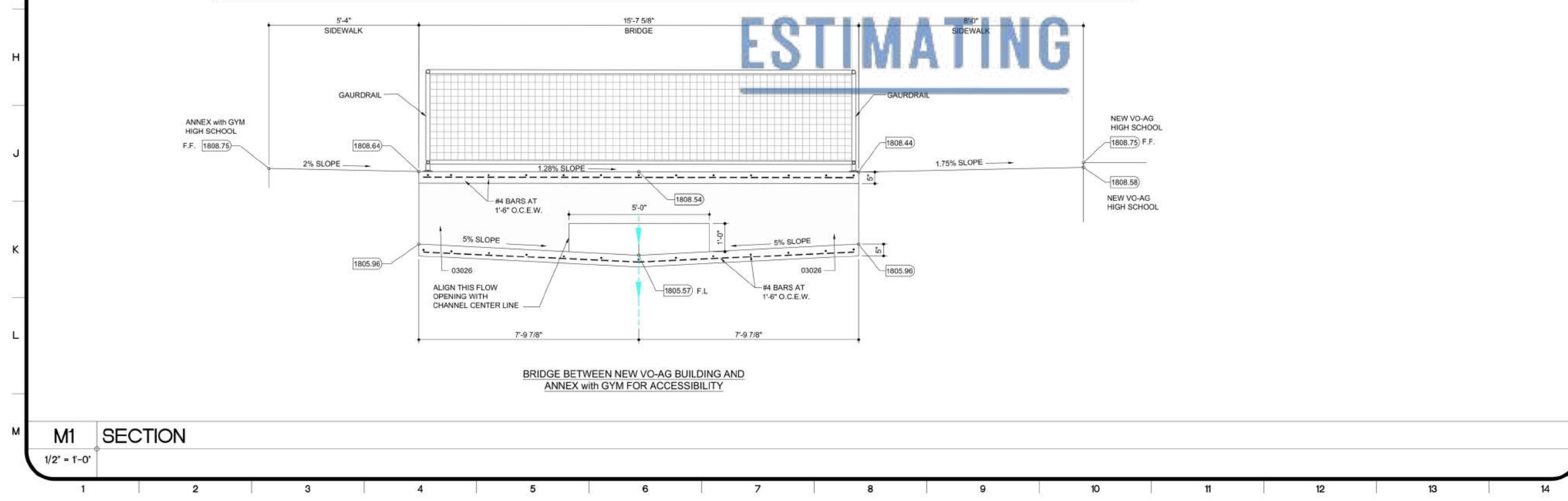
**BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS**

PROJECT NUMBER: C772
APRIL 30, 2025

C105



5" Thk. Concrete Pavement @ Bridge 216.6 SQ FT



GENERAL NOTES

LEGEND

F.L. FLOWLINE

F.F. FINISH FLOOR ELEVATION

DIV. 3 - CONCRETE

03026 RUB CONCRETE FINISH WHERE EXPOSED

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WILLIAM H. RATLIFF
152887
LICENSED PROFESSIONAL ENGINEER
04-30-25

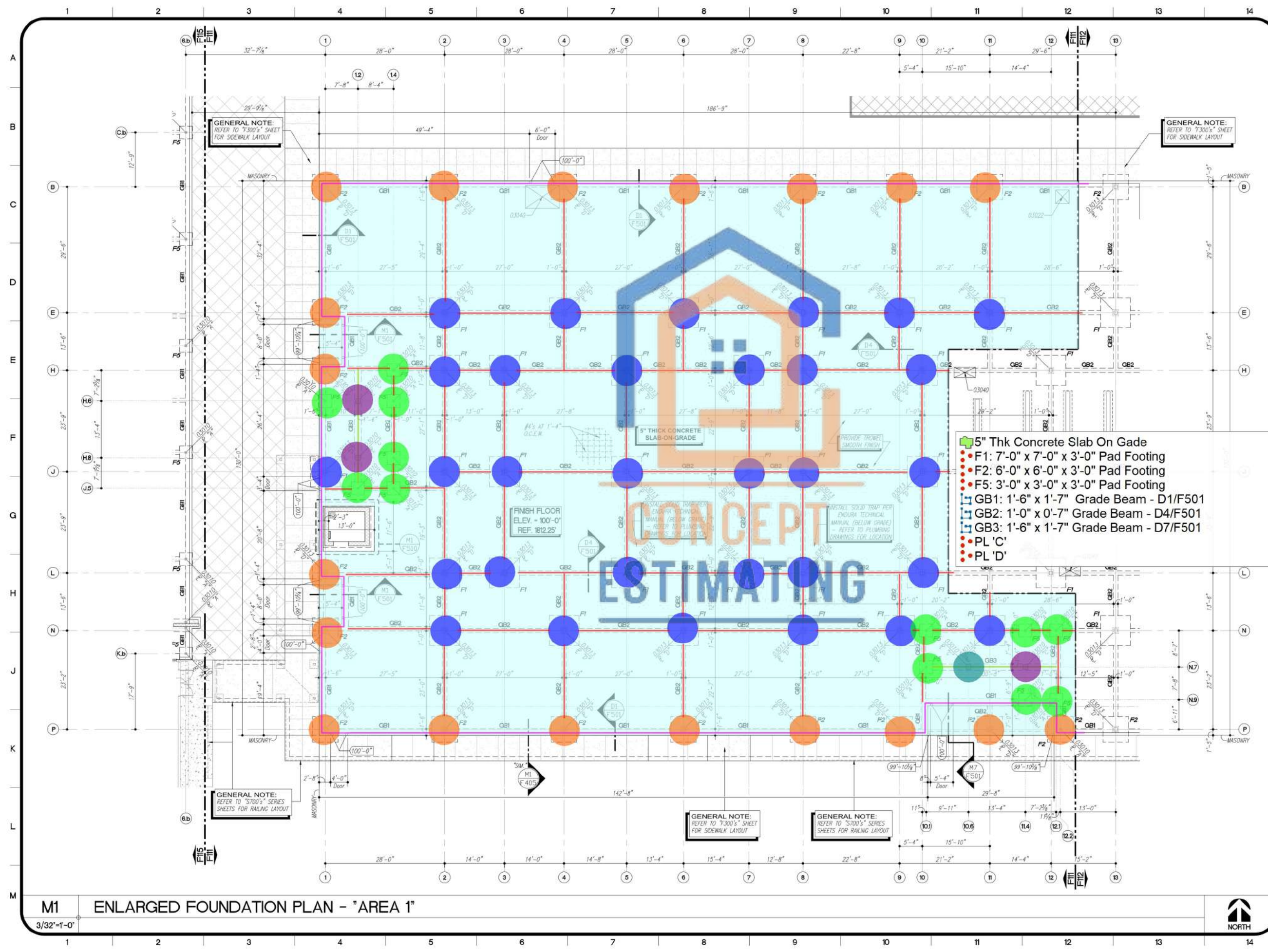
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**BAND HALL ADDITION, ANNEX with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS**

PROJECT NUMBER: C772
APRIL 30, 2025

C402



GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS SHALL BE CENTERED ON COLUMN LINE, BOTH DIRECTIONS, UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS TO BE A MINIMUM OF 3'-0" DEEP IN CASES WHERE GRADE BEAMS ARE DEEPER THAN 3'-0". SPREAD FOOTINGS MUST EXTEND TO THE BOTTOM OF GRADE BEAM. PORTION OF SPREAD FOOTING OUTSIDE OF PERIMETER BEAM SHALL BE A MINIMUM OF 6" BELOW ANY HARD SURFACE SUCH AS A SIDEWALK AND A MINIMUM OF 1'-0" BELOW ANY AREA WHICH HAS TOPSOIL FILL.

GBX DENOTES GRADE BEAM TYPE - REFER SHEET F501

FX DENOTES FOOTING TYPE - REFER SHEET F503

100'-0" DENOTES POINT ELEVATION

DIV. 3 - CONCRETE

03010 COLUMN WELD PLATE BY DIV. 5, INSTALLATION TO BE PROVIDED BY SECTION 03010 - CONCRETE

 R "A" = 6" X 6" - REF. D1/S502

 R "C" = 14" X 14" - REF. D1/S502

03013 COLUMN ANCHOR BOLTS BY DIV. 5 CONTRACTOR --- INSTALLED AS PART OF SECTION "03010 - CONCRETE" SETTING TEMPLATE TO BE PROVIDED BY DIV. 5 CONTRACTOR.

 R "D" = 1" X 1" X 1" - REF. D1/S502

03022 RECESS FLOOR 1" BELOW FINISH FLOOR ELEVATION FOR SHOWER TRAY INSTALLATION. VERIFY ACTUAL DEPTH WITH DIVISION 09.305.

03040 FLOOR DRAIN - 1/2" BELOW FINISH FLOOR. VERIFY ACTUAL DIMENSIONS AND LOCATIONS WITH DIVISION 15 CONTRACTOR.

REFER TO PLUMBING "D" SERIES DRAWING FOR LOCATION OF FLOOR DRAIN AND FLOOR SINKS.

21242.6 SQ FT

31.0 EA
19.0 EA
12.0 EA
522.7 FT
1138.2 FT
55.9 FT
3.0 EA
1.0 EA

KEY PLAN N.T.S.

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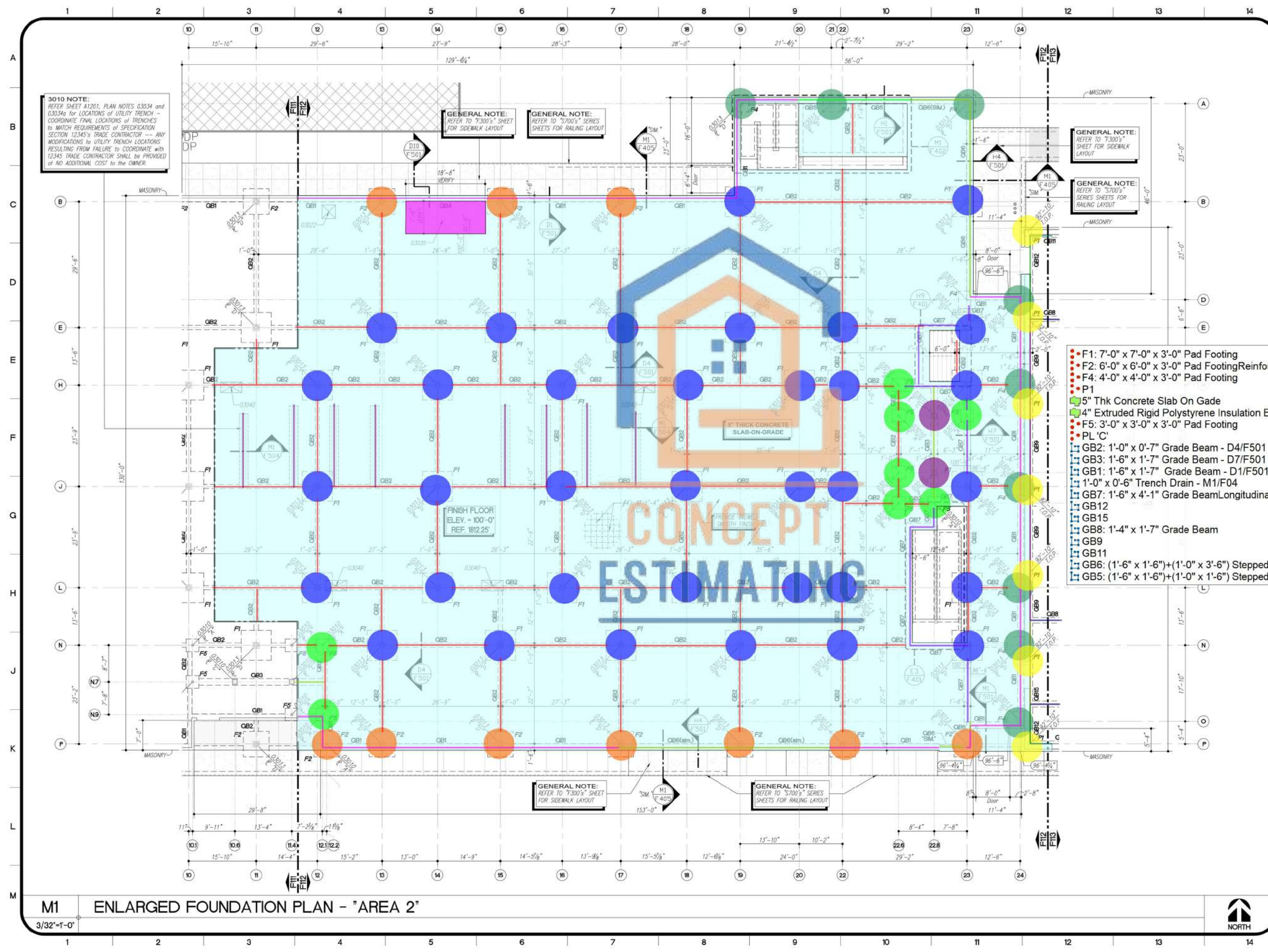
BAND HALL ADDITION, ANNEX with GYM / STORM SHELTER ABILENE WYLIE HIGH SCHOOL ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

F111

M1 ENLARGED FOUNDATION PLAN - "AREA 1"





GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS SHALL BE CENTERED ON COLUMN LINE, BOTH DIRECTIONS, UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS TO BE A MINIMUM OF 3'-0" DEEP IN CASES WHERE GRADE BEAMS ARE DEEPER THAN 3'-0". SPREAD FOOTINGS MUST EXTEND TO THE BOTTOM OF GRADE BEAM.

PORTION OF SPREAD FOOTING OUTSIDE OF PERIMETER BEAM SHALL BE A MINIMUM OF 6" BELOW ANY HARD SURFACE SUCH AS A SIDEWALK AND A MINIMUM OF 1'-0" BELOW ANY AREA WHICH HAS TOPSOIL FILL.

GBX DENOTES GRADE BEAM TYPE - REFER SHEET F501

FX DENOTES FOOTING TYPE - REFER SHEET F503

PX DENOTES PIER TYPE - REFER SHEET F504

100'-0" DENOTES POINT ELEVATION

DIV. 3 - CONCRETE

03010 COLUMN WELD PLATE BY DIV. 5, INSTALLATION TO BE PROVIDED BY SECTION 03010 - CONCRETE

 R "A" = 6" X 6" - REF. D1/S502

 R "C" = 14" X 14" - REF. D1/S502

03013 COLUMN ANCHOR BOLTS BY DIV. 5 CONTRACTOR - INSTALL AS PART OF SECTION 03010 - CONCRETE

 SETTING TEMPLATE TO BE PROVIDED BY DIV. 5 CONTRACTOR

 R "D" = 17" X 17" - REF. D1/S502

03022 RECESS FLOOR 1" BELOW FINISH FLOOR ELEVATION FOR

- F1: 7'-0" x 7'-0" x 3'-0" Pad Footing 35.0 EA
- F2: 6'-0" x 6'-0" x 3'-0" Pad Footing Reinforcement (7) #8 Bars @ Each Way, T... 10.0 EA
- F4: 4'-0" x 4'-0" x 3'-0" Pad Footing 9.0 EA
- P1 7.0 EA
- 5" Thk Concrete Slab On Gade 23856.4 SQ FT
- 4" Extruded Rigid Polystyrene Insulation Board Below Slab @ Walk In Cool... 145.1 SQ FT
- F5: 3'-0" x 3'-0" x 3'-0" Pad Footing 8.0 EA
- PL 'C' 2.0 EA
- GB2: 1'-0" x 0'-7" Grade Beam - D4/F501 1220.5 FT
- GB3: 1'-6" x 1'-7" Grade Beam - D7/F501 32.9 FT
- GB1: 1'-6" x 1'-7" Grade Beam - D1/F501 Longitudinal Reinforcement (3) #6 ... 378.9 FT
- 1'-0" x 0'-6" Trench Drain - M1/F04 151.7 FT
- GB7: 1'-6" x 4'-1" Grade Beam Longitudinal Reinforcement (2) #6 Cont. Bars ... 120.2 FT
- GB12 28.7 FT
- GB15 19.7 FT
- GB8: 1'-4" x 1'-7" Grade Beam 21.3 FT
- GB9 70.6 FT
- GB11 10.3 FT
- GB6: (1'-6" x 1'-6")+(1'-0" x 3'-6") Stepped Grade Beam 117.2 FT
- GB5: (1'-6" x 1'-6")+(1'-0" x 1'-6") Stepped Grade Beam Longitudinal Reinforce... 26.6 FT

KEY PLAN N.T.S.

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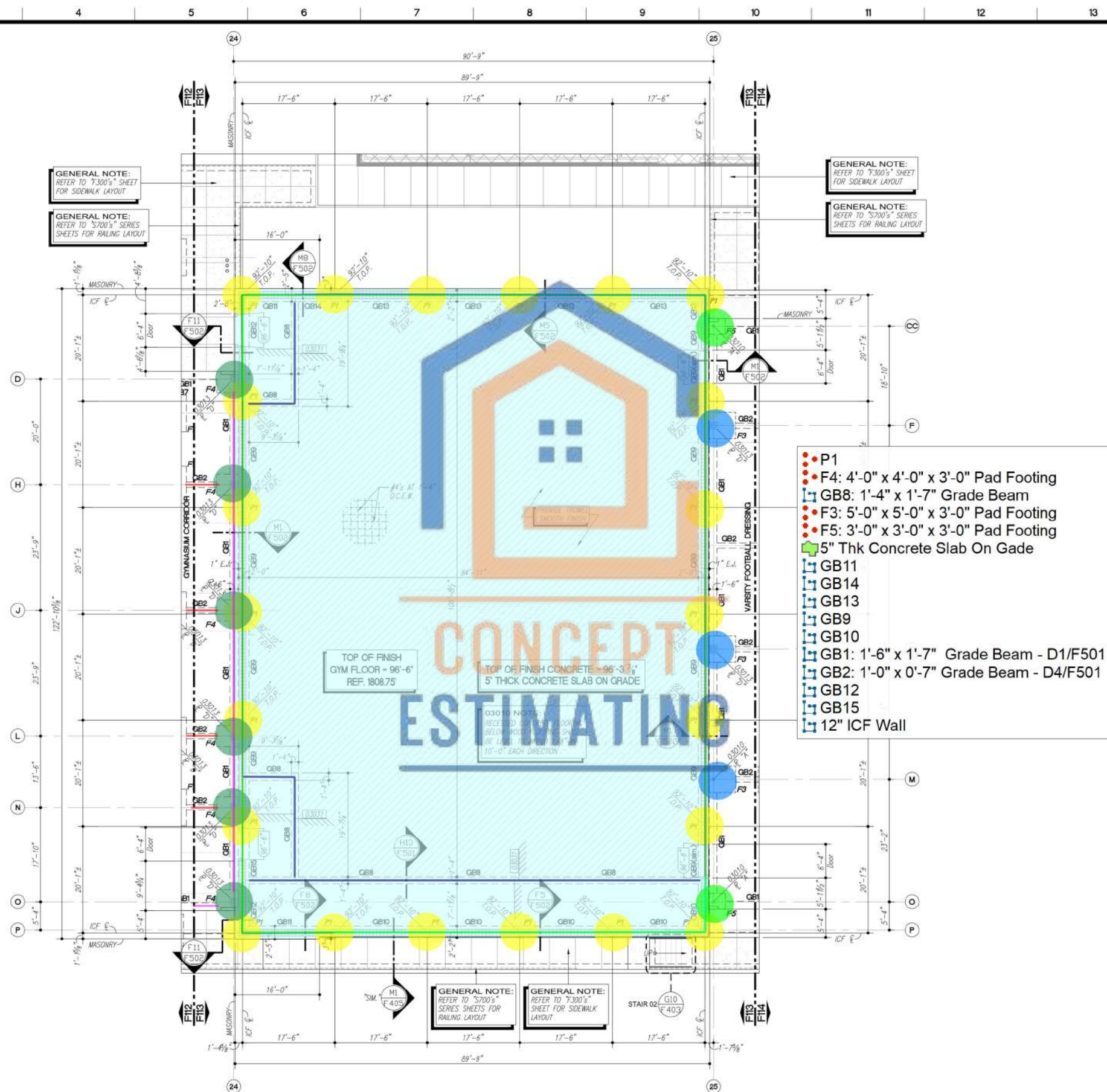
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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

F112



GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS SHALL BE CENTERED ON COLUMN LINE, BOTH DIRECTIONS, UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS TO BE A MINIMUM OF 3'-0" DEEP IN CASES WHERE GRADE BEAMS ARE DEEPER THAN 3'-0". SPREAD FOOTINGS MUST EXTEND TO THE BOTTOM OF GRADE BEAM.

PORTION OF SPREAD FOOTING OUTSIDE OF PERIMETER BEAM SHALL BE A MINIMUM OF 6" BELOW ANY HARD SURFACE SUCH AS A SIDEWALK AND A MINIMUM OF 1'-0" BELOW ANY AREA WHICH HAS TOPSOIL FILL.

TOP TOP OF PIER

GBX DENOTES GRADE BEAM TYPE - REFER SHEET F501

FX DENOTES FOOTING TYPE - REFER SHEET F503

PX DENOTES PIER TYPE - REFER SHEET F504

100'-0" DENOTES POINT ELEVATION

DIV. 3 - CONCRETE

03010 COLUMN WELD PLATE BY DIV. 5, INSTALLATION TO BE PROVIDED BY SECTION 03010 - CONCRETE

REF "A" = 6" X 6" - REF. D1/S502

03013 COLUMN ANCHOR BOLTS BY DIV. 5 CONTRACTOR -- INSTALLED AS PART OF SECTION 03010 - CONCRETE -- SETTING TEMPLATE TO BE PROVIDED BY DIV. 5 CONTRACTOR

REF "D" = 17" X 17" - REF. D1/S502

03031 FINISH FLOOR AT 96'-3 3/4" -- COORDINATE WITH RR FOR EXACT ELEVATION

22.0 EA

6.0 EA

142.0 FT

3.0 EA

2.0 EA

10985.1 SQ FT

26.1 FT

7.5 FT

75.9 FT

175.1 FT

80.6 FT

99.4 FT

24.0 FT

31.5 FT

19.6 FT

416.0 FT

AREA 2 AREA 3 AREA 4

KEY PLAN N.T.S.

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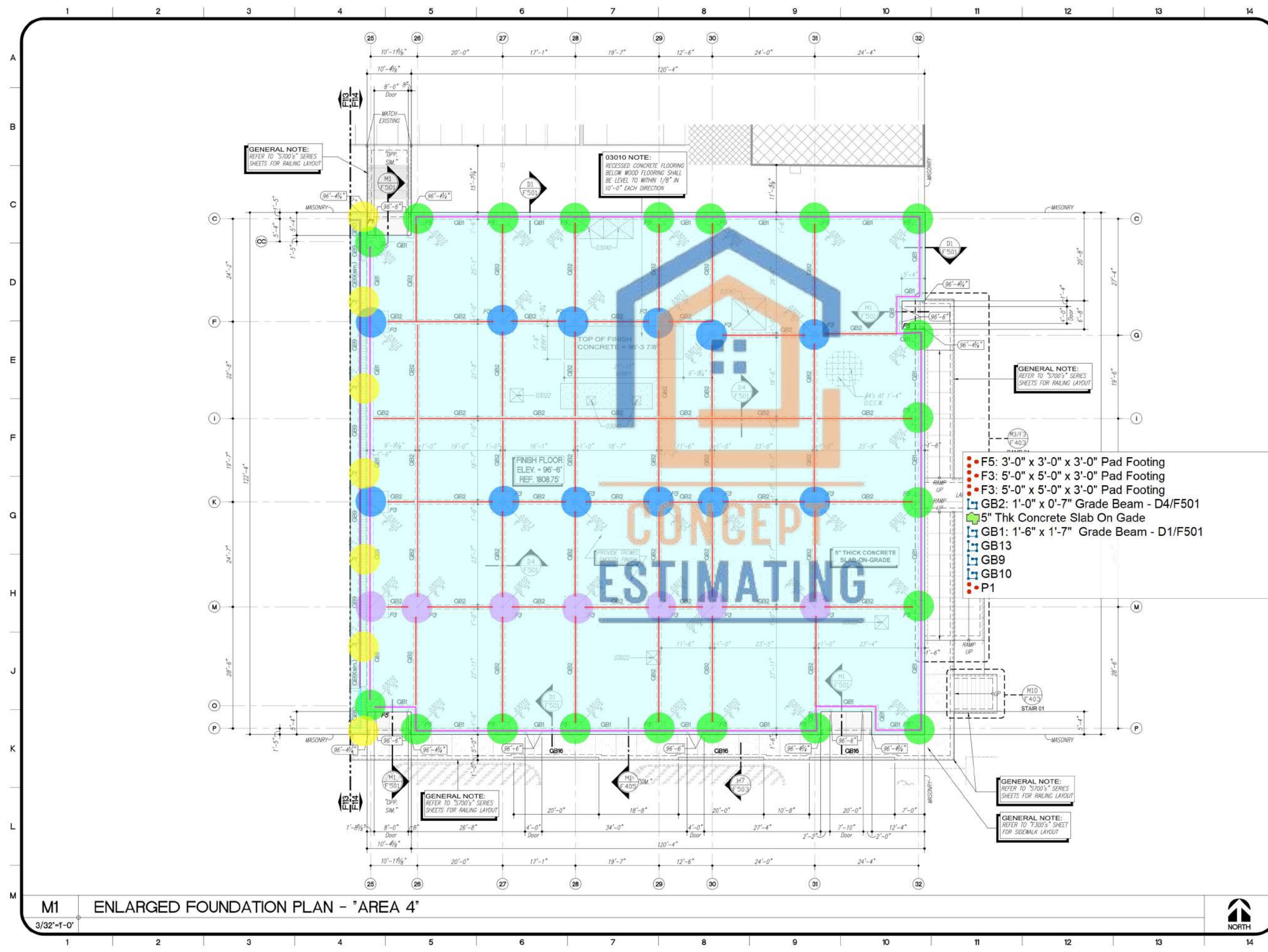
2401 S. WILLIS, STE. 200 ABILENE, TEXAS 79605

BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

F113





GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS SHALL BE CENTERED ON COLUMN LINE, BOTH DIRECTIONS, UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS TO BE A MINIMUM OF 3'-0" DEEP IN CASES WHERE GRADE BEAMS ARE DEEPER THAN 3'-0". SPREAD FOOTINGS MUST EXTEND TO THE BOTTOM OF GRADE BEAM.

PORTION OF SPREAD FOOTING OUTSIDE OF PERIMETER BEAM SHALL BE A MINIMUM OF 6" BELOW ANY HARD SURFACE SUCH AS A SIDEWALK AND A MINIMUM OF 1'-0" BELOW ANY AREA WHICH HAS TOPSOIL FILL.

GBX DENOTES GRADE BEAM TYPE - REFER SHEET F501

FX DENOTES FOOTING TYPE - REFER SHEET F503

PX DENOTES PIER TYPE - REFER SHEET F504

100'-0" DENOTES POINT ELEVATION

6" RAISED FLOOR CONCRETE HOUSEKEEPING PAD

DIV. 3 - CONCRETE

03010 COLUMN WELD PLATE BY DIV. 5, INSTALLATION TO BE PROVIDED BY SECTION 03010 - CONCRETE

$\bar{E}$ "A" = 6" X 6" - REF. D1/S502

03013 COLUMN ANCHOR BOLTS BY DIV. 5 CONTRACTOR -- INSTALLED AS PART OF SECTION 03010 - CONCRETE. SETTING TEMPLATE TO BE PROVIDED BY DIV. 5 CONTRACTOR

$\bar{E}$ "D" = 17" X 17" - REF. D1/S502

03022 RECESS FLOOR 1" BELOW FINISH FLOOR ELEVATION FOR SHOWER TRAY INSTALLATION. VERIFY ACTUAL DEPTH WITH DIVISION 09305.

03040 FLOOR DRAIN - 1/2" BELOW FINISH FLOOR. VERIFY ACTUAL DIMENSIONS AND LOCATIONS WITH DIVISION 15 CONTRACTOR.

REFER TO PLUMBING "P" SERIES DRAWING FOR LOCATION OF FLOOR DRAIN AND FLOOR SINKS.

F5: 3'-0" x 3'-0" x 3'-0" Pad Footing	20.0 EA
F3: 5'-0" x 5'-0" x 3'-0" Pad Footing	12.0 EA
F3: 5'-0" x 5'-0" x 3'-0" Pad Footing	7.0 EA
GB2: 1'-0" x 0'-7" Grade Beam - D4/F501	1037.8 FT
5" Thk Concrete Slab On Gade	16287.9 SQ FT
GB1: 1'-6" x 1'-7" Grade Beam - D1/F501	503.3 FT
GB13	5.6 FT
GB9	106.1 FT
GB10	11.4 FT
P1	7.0 EA

KEY PLAN

NTS.

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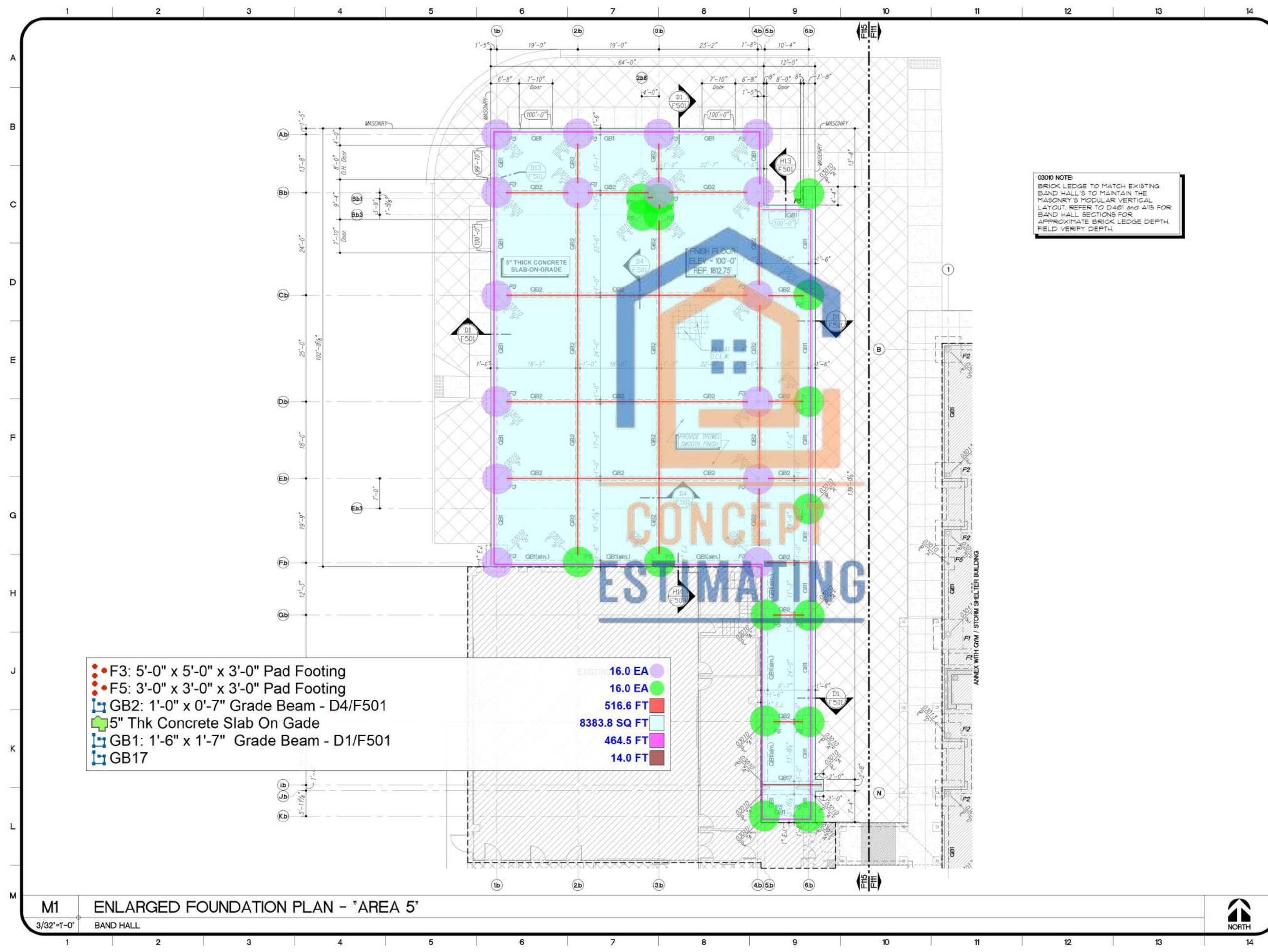
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2401 S. WILLIS, STE. 200 ABILENE, TEXAS 79605

BAND HALL ADDITION, ANNEX with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

F114



03010 NOTE:
BRICK LEDGE TO MATCH EXISTING
BAND HALL'S TO MAINTAIN THE
MASONRY'S MODULAR VERTICAL
LAYOUT. REFER TO D401 AND D115 FOR
BAND HALL SECTIONS FOR
APPROXIMATE BRICK LEDGE DEPTH.
FIELD VERIFY DEPTH.

GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS SHALL BE CENTERED ON COLUMN LINE, BOTH DIRECTIONS, UNLESS NOTED OTHERWISE.

ALL SPREAD FOOTINGS TO BE A MINIMUM OF 3'-0" DEEP IN CASES WHERE GRADE BEAMS ARE DEEPER THAN 3'-0". SPREAD FOOTINGS MUST EXTEND TO THE BOTTOM OF GRADE BEAM.

PORTION OF SPREAD FOOTING OUTSIDE OF PERIMETER BEAM SHALL BE A MINIMUM OF 6" BELOW ANY HARD SURFACE SUCH AS A SIDEWALK AND A MINIMUM OF 1'-0" BELOW ANY AREA WHICH HAS TOPSOIL FILL.

GBX DENOTES GRADE BEAM TYPE - REFER SHEET F501

FX DENOTES FOOTING TYPE - REFER SHEET F503

100'-0" DENOTES POINT ELEVATION

DIV. 3 - CONCRETE

03010 COLUMN WELD PLATE BY DIV. 5, INSTALLATION TO BE PROVIDED BY SECTION 03010 - CONCRETE

 R "A" = 6" X 6" - REF. D1/S502

 R "B" = 8" X 8" - REF. D1/S502

 R "C" = 10" X 10" - REF. D1/S502

03013 COLUMN ANCHOR BOLTS BY DIV. 5 CONTRACTOR -- INSTALLED AS PART OF SECTION 03010 - CONCRETE

 SETTING TEMPLATE TO BE PROVIDED BY DIV. 5 CONTRACTOR

 R "D" = 17" X 17" - REF. D1/S502

REFER TO PLUMBING "P" SERIES DRAWING FOR LOCATION OF FLOOR DRAIN AND FLOOR SINKS.

KEY PLAN

NTS.

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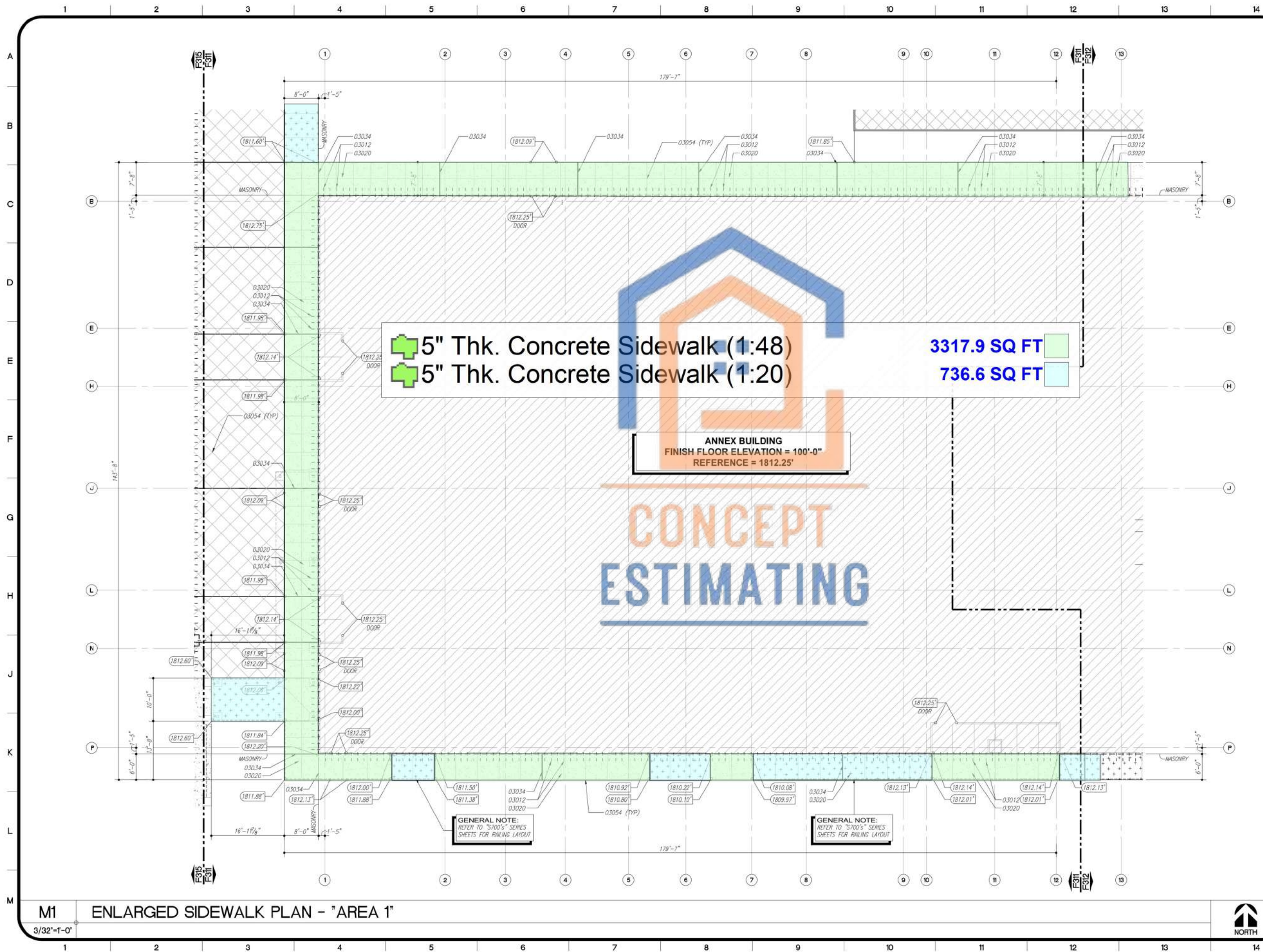
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BAND HALL ADDITION, ANNEX with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

F115



GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE

100'-0" DENOTES POINT ELEVATION

DIV. 3 - CONCRETE

03012 #3 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" O.C. - WHERE NOTED

03020 CONCRETE SIDEWALK X 4" DEEP WITH #3'S @ 1'-6" O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO TRAFFIC - MAXIMUM CROSS SLOPE SHALL NOT EXCEED 2%.

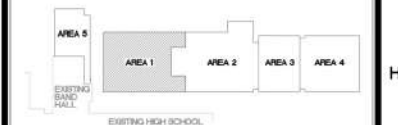
03034 PROVIDE 1/2" WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 30'-0" MAX. USE "PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO "DOW-CORNING" 888 SEALANT. REFER TO XX/CSOM

03054 TOOLED CONTRACTION JOINT WITH ROUNDED EDGES ON EACH SIDE OF JOINT. JOINT SHALL NOT BE MORE THAN 3/4" DEEP. JOINTS SHALL BE UNIFORM IN APPEARANCE, ALIGNED WITH ADJACENT JOINTS, SQUARE TO OTHER JOINTS, AND STRAIGHT WITHOUT DEVIATION IN PLANE.

SIDEWALK
MAX SLOPE: 2.00% OR 1:48
MAX CROSS-SLOPE: 2.00% OR 1:48

SLOPED SIDEWALK
MAX SLOPE: 5.00% OR 1:20
MAX CROSS-SLOPE: 2.00% OR 1:48

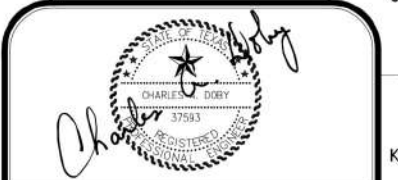
ACCESSIBLE RAMP
MAX SLOPE: 8.33% OR 1:12
MAX CROSS-SLOPE: 2.00% OR 1:48



KEY PLAN N.T.S.

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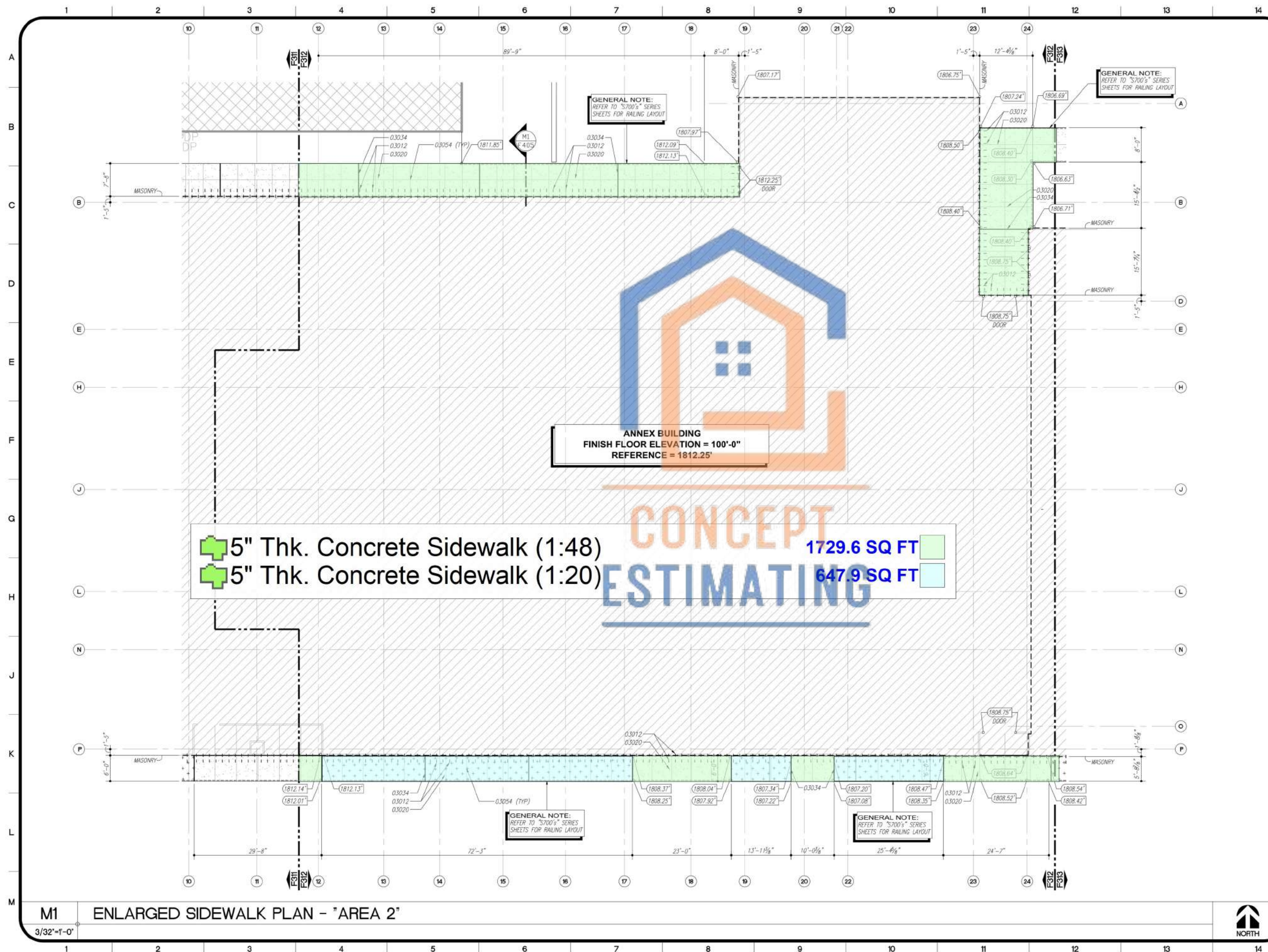
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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025
REV. MAY 28, 2025
F311.A



GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 0310 UNLESS NOTED OTHERWISE

DIV. 3 - CONCRETE

03012 #3 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" O.C. -- WHERE NOTED

03020 CONCRETE SIDEWALK X 4" DEEP WITH #3'S @ 1'-6" O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO TRAFFIC - MAXIMUM CROSS SLOPE SHALL NOT EXCEED 2%.

03034 PROVIDE 1/2" WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 30'-0" MAX. USE "PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO "DOW-CORNING" 888 SEALANT. REFER TO XX/CSOX

03054 TOOLED CONTRACTION JOINT WITH ROUNDED EDGES ON EACH SIDE OF JOINT. JOINT SHALL NOT BE MORE THAN 3/8" DEEP. JOINTS SHALL BE UNIFORM IN APPEARANCE, ALIGNED WITH ADJACENT JOINTS, SQUARE TO OTHER JOINTS, AND STRAIGHT WITHOUT DEVIATION IN PLANE.

SIDEWALK
MAX SLOPE: 2.00% OR 1:48
MAX CROSS-SLOPE: 2.00% OR 1:48

SLOPED SIDEWALK
MAX SLOPE: 5.00% OR 1:20
MAX CROSS-SLOPE: 2.00% OR 1:48

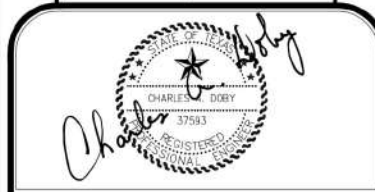
ACCESSIBLE RAMP
MAX SLOPE: 6.33% OR 1:12
MAX CROSS-SLOPE: 2.00% OR 1:48



KEY PLAN N.T.S.

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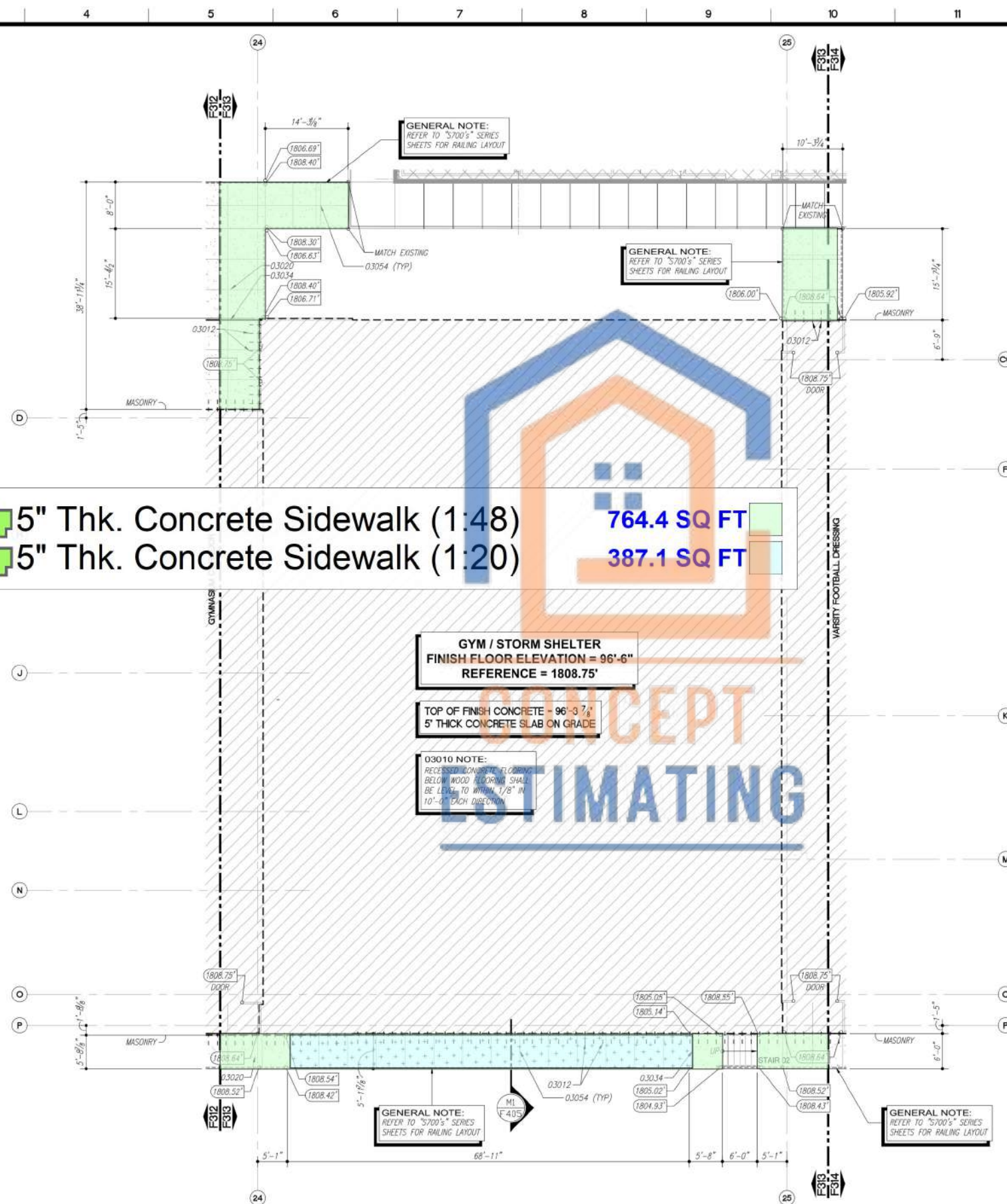


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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025
REV. MAY 28, 2025

F312.A



5" Thk. Concrete Sidewalk (1:48) 764.4 SQ FT
5" Thk. Concrete Sidewalk (1:20) 387.1 SQ FT

GYM / STORM SHELTER
FINISH FLOOR ELEVATION = 96'-6"
REFERENCE = 1808.75'

TOP OF FINISH CONCRETE = 96'-3 7/8"
5" THICK CONCRETE SLAB ON GRADE

03010 NOTE:
RECESS CONCRETE FLOORING
BELOW WOOD FLOORING SHALL
BE LEVEL TO WITHIN 1/8" IN
10'-0" EACH DIRECTION

GENERAL NOTE:
REFER TO "S700's" SERIES
SHEETS FOR RAILING LAYOUT

GENERAL NOTE:
REFER TO "S700's" SERIES
SHEETS FOR RAILING LAYOUT

GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION
SECTION 03010 UNLESS NOTED OTHERWISE

DIV. 3 - CONCRETE

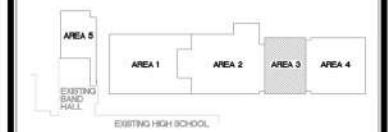
03012 #3 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" O.C.
-- WHERE NOTED

03020 CONCRETE SIDEWALK X 4" DEEP WITH #3'S @ 1'-6"
O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO
TRAFFIC - MAXIMUM CROSS SLOPE SHALL NOT EXCEED
2%

03034 PROVIDE 1/2" WIDE EXPANSION JOINTS AT INTERSECTIONS
AND CHANGES IN DIRECTION - 30'-0" MAX. USE
"PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE
WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO
"DOW-CORNING" 888 SEALANT. REFER TO XX/CS0X

03054 TOOLED CONTRACTION JOINT WITH ROUNDED EDGES ON
EACH SIDE OF JOINT. JOINT SHALL NOT BE MORE THAN
3/8" DEEP. JOINTS SHALL BE UNIFORM IN APPEARANCE,
ALIGNED WITH ADJACENT JOINTS, SQUARE TO OTHER
JOINTS, AND STRAIGHT WITHOUT DEVIATION IN PLANE.

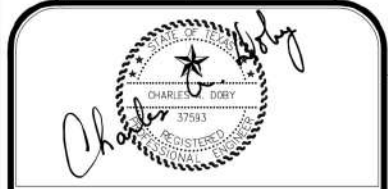
	SIDEWALK MAX SLOPE: 2.00% OR 1:48 MAX CROSS-SLOPE: 2.00% OR 1:48
	SLOPED SIDEWALK MAX SLOPE: 5.00% OR 1:20 MAX CROSS-SLOPE: 2.00% OR 1:48
	ACCESSIBLE RAMP MAX SLOPE: 6.33% OR 1:12 MAX CROSS-SLOPE: 2.00% OR 1:48



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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

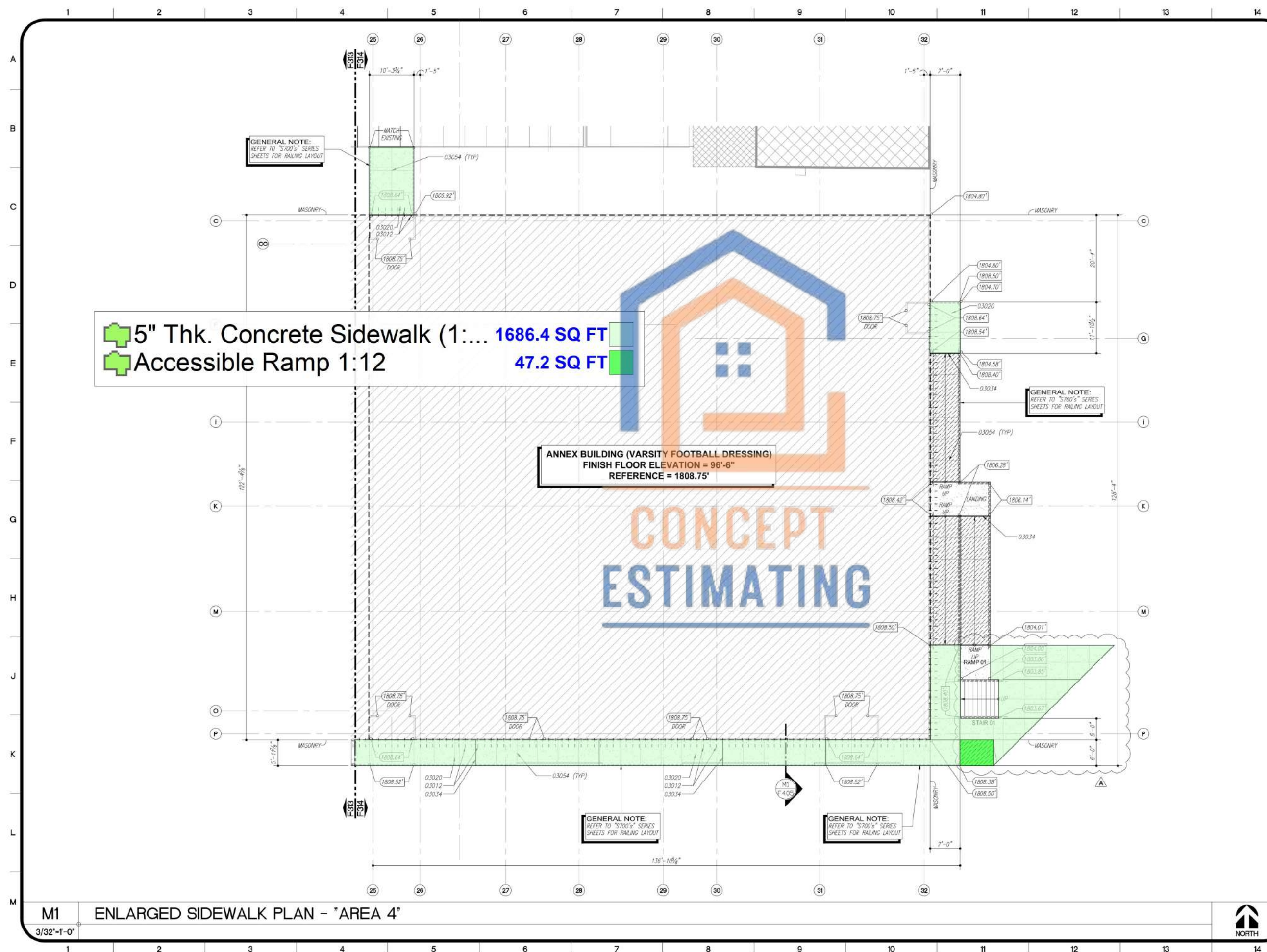
PROJECT NUMBER: C772
APRIL 30, 2025
REV. MAY 28, 2025

F313.A

M1 ENLARGED SIDEWALK PLAN - "AREA 3"

3/32"=1'-0" STORM SHELTER





GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION
SECTION 03010 UNLESS NOTED OTHERWISE

DIV. 3 - CONCRETE

03012 #3 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" O.C.
-- WHERE NOTED

03020 CONCRETE SIDEWALK X 4" DEEP WITH #3's @ 1'-6"
O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO
TRAFFIC - MAXIMUM CROSS SLOPE SHALL NOT EXCEED
2%

0.30.34 PROVIDE 1/2" WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 30'-0" MAX. USE "PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO "DOW-CORNING" 888 SEALANT. REFER TO XX/CS0X

0.3054 TOOLED CONTRACTION JOINT WITH ROUNDED EDGES ON EACH SIDE OF JOINT. JOINT SHALL NOT BE MORE THAN 3" DEEP. JOINTS SHALL BE UNIFORM IN APPEARANCE, ALIGNED WITH ADJACENT JOINTS, SQUARE TO OTHER JOINTS, AND STRAIGHT WITHOUT DEVIATION IN PLANE.

SIDEWALK
MAX SLOPE: 2.00% OR 1:48
MAX CROSS-SLOPE: 2.00% OR 1:48

 SLOPED SIDEWALK
MAX SLOPE: 5.00% OR 1:20
MAX CROSS-SLOPE: 2.00% OR 1:48

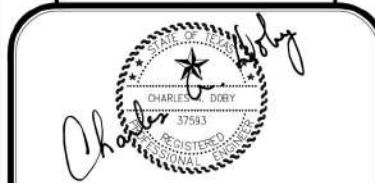
ACCESSIBLE RAMP
MAX SLOPE: 8.33% OR 1:12
MAX CROSS-SLOPE: 2.00% OR 1:48



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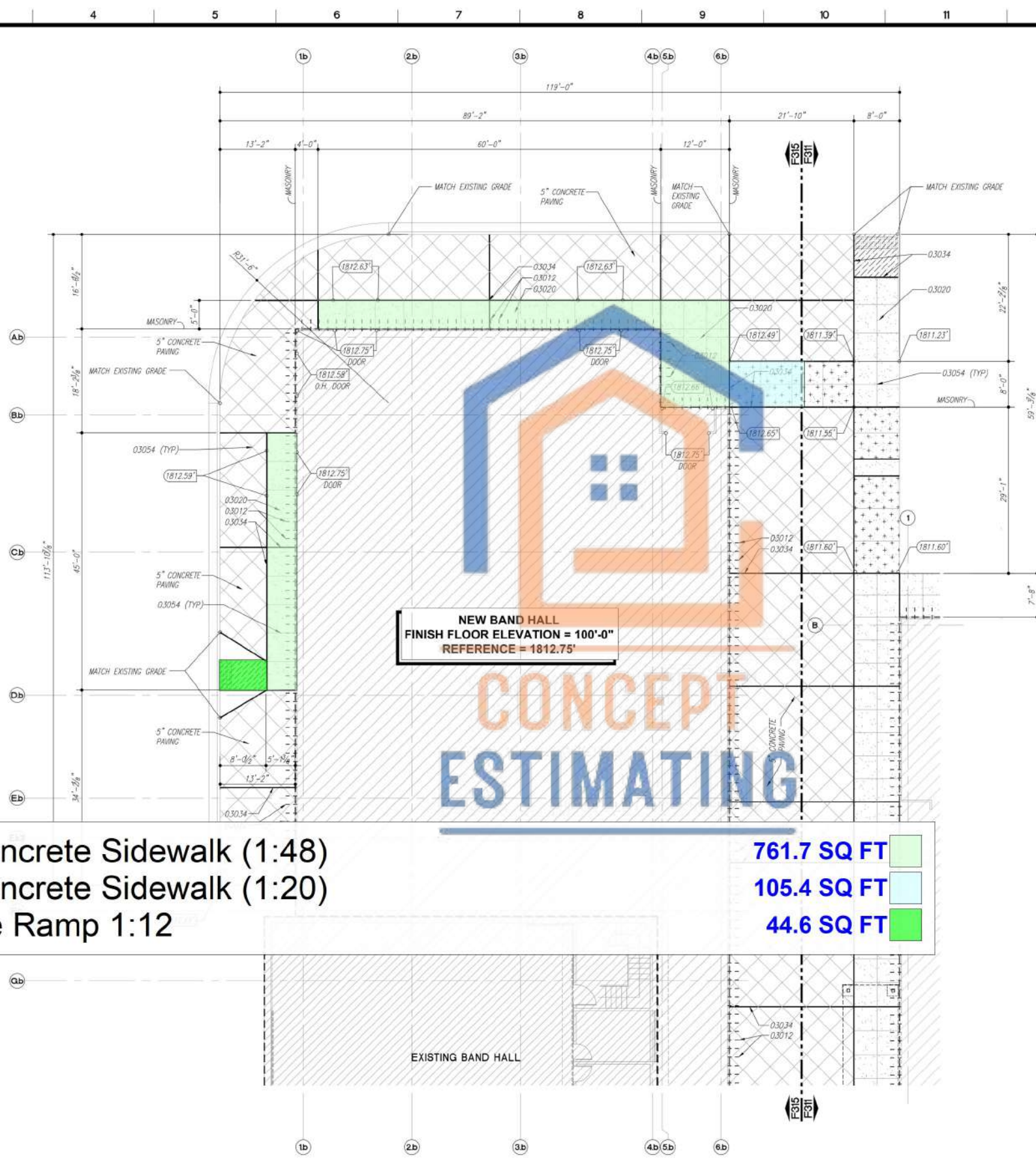
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**BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS**

PROJECT NUMBER: C772
APRIL 30, 2025
REV. **A** MAY 28, 2025

F314.A



	5" Thk. Concrete Sidewalk (1:48)	761.7 SQ FT
	5" Thk. Concrete Sidewalk (1:20)	105.4 SQ FT
	Accessible Ramp 1:12	44.6 SQ FT

GENERAL NOTES
DIV. 1 - GENERAL CONDITIONS
ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE
100'-0" DENOTES POINT ELEVATION
DIV. 3 - CONCRETE
03012 #3 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" O.C. WHERE NOTED
03020 CONCRETE SIDEWALK X 4" DEEP WITH #3'S @ 1'-6" O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO TRAFFIC - MAXIMUM CROSS SLOPE SHALL NOT EXCEED 2%
03034 PROVIDE 1/2" WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 30'-0" MAX. USE "PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO "DOW-CORNING" 888 SEALANT. REFER TO XX/CSDM
03054 TOoled CONTRACTION JOINT WITH ROUNDED EDGES ON EACH SIDE OF JOINT. JOINT SHALL NOT BE MORE THAN 3/8" DEEP. JOINTS SHALL BE UNIFORM IN APPEARANCE, ALIGNED WITH ADJACENT JOINTS, SQUARE TO OTHER JOINTS, AND STRAIGHT WITHOUT DEVIATION IN PLANE.

SIDEWALK
MAX SLOPE: 2.00% OR 1:48
MAX CROSS-SLOPE: 2.00% OR 1:48

SLOPED SIDEWALK
MAX SLOPE: 5.00% OR 1:20
MAX CROSS-SLOPE: 2.00% OR 1:48

ACCESSIBLE RAMP
MAX SLOPE: 8.33% OR 1:12
MAX CROSS-SLOPE: 2.00% OR 1:48

AREA 5
EXISTING BAND HALL
EXISTING HIGH SCHOOL

AREA 1 AREA 2 AREA 3 AREA 4

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Charles Doby
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
NO. 37593

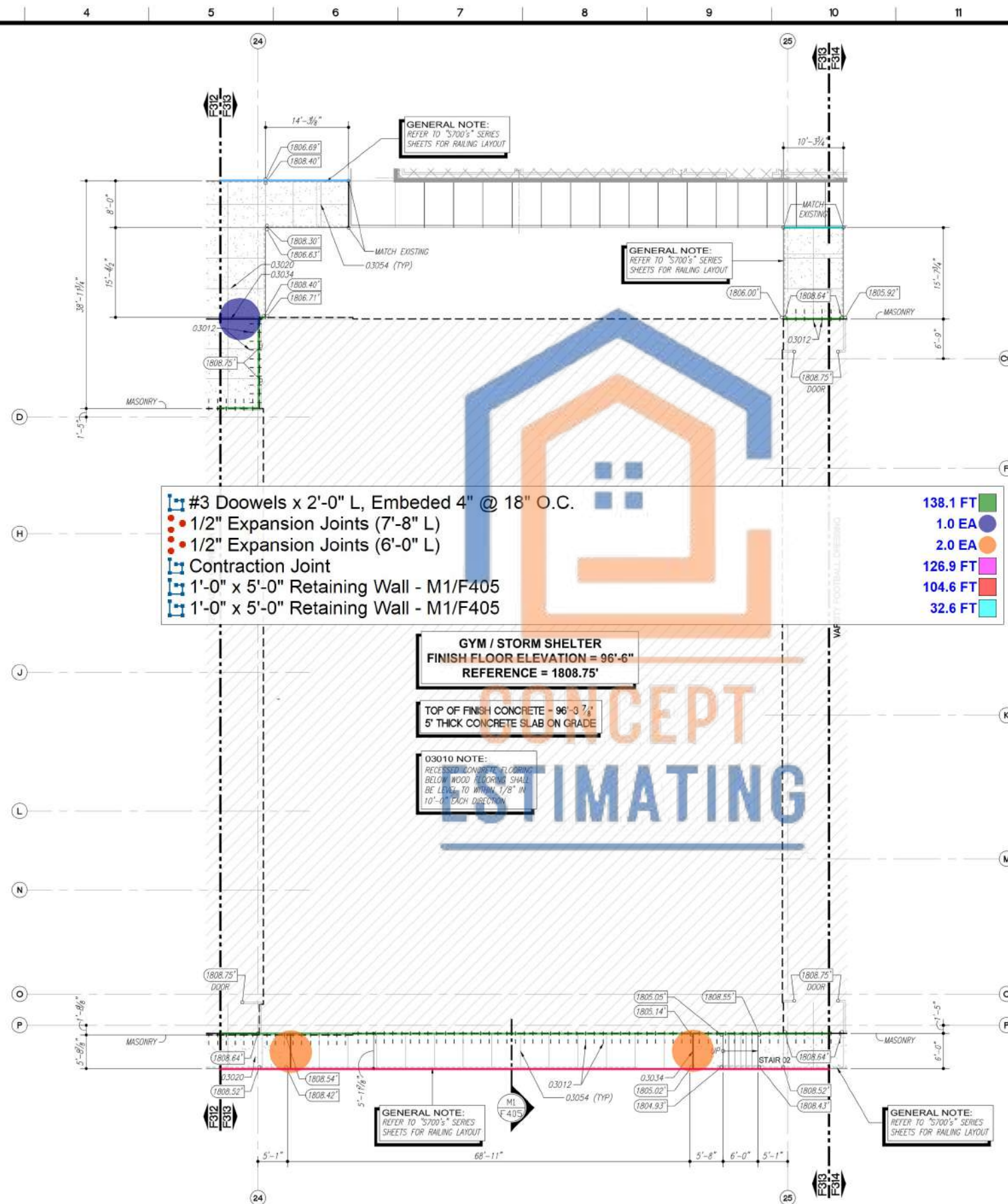
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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025
REV. MAY 28, 2025

F315.A





GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE

DIV. 3 - CONCRETE

03012 #3 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" O.C. -- WHERE NOTED

03020 CONCRETE SIDEWALK X 4" DEEP WITH #3'S @ 1'-6" O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO TRAFFIC - MAXIMUM CROSS SLOPE SHALL NOT EXCEED 2%.

03034 PROVIDE 1/2" WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 30'-0" MAX. USE "PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO "DOW-CORNING" 888 SEALANT. REFER TO XX/CS0X

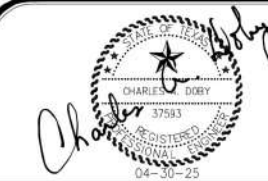
03054 TOOLED CONTRACTION JOINT WITH ROUNDED EDGES ON EACH SIDE OF JOINT. JOINT SHALL NOT BE MORE THAN 3/8" DEEP. JOINTS SHALL BE UNIFORM IN APPEARANCE, ALIGNED WITH ADJACENT JOINTS, SQUARE TO OTHER JOINTS, AND STRAIGHT WITHOUT DEVIATION IN PLANE.



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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

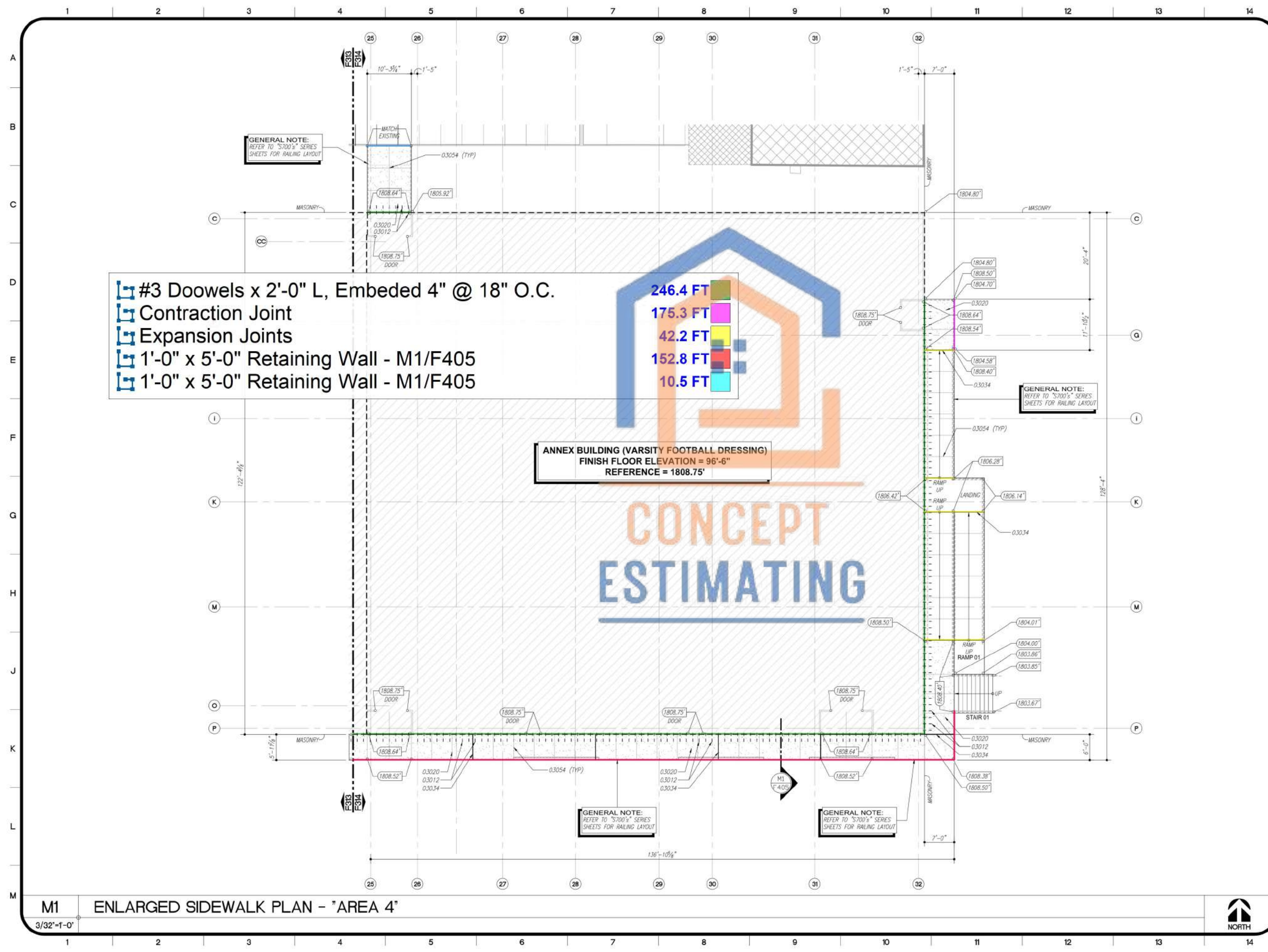
PROJECT NUMBER: C772
APRIL 30, 2025

F313

M1 ENLARGED SIDEWALK PLAN - "AREA 3"

3/32"=1'-0" STORM SHELTER



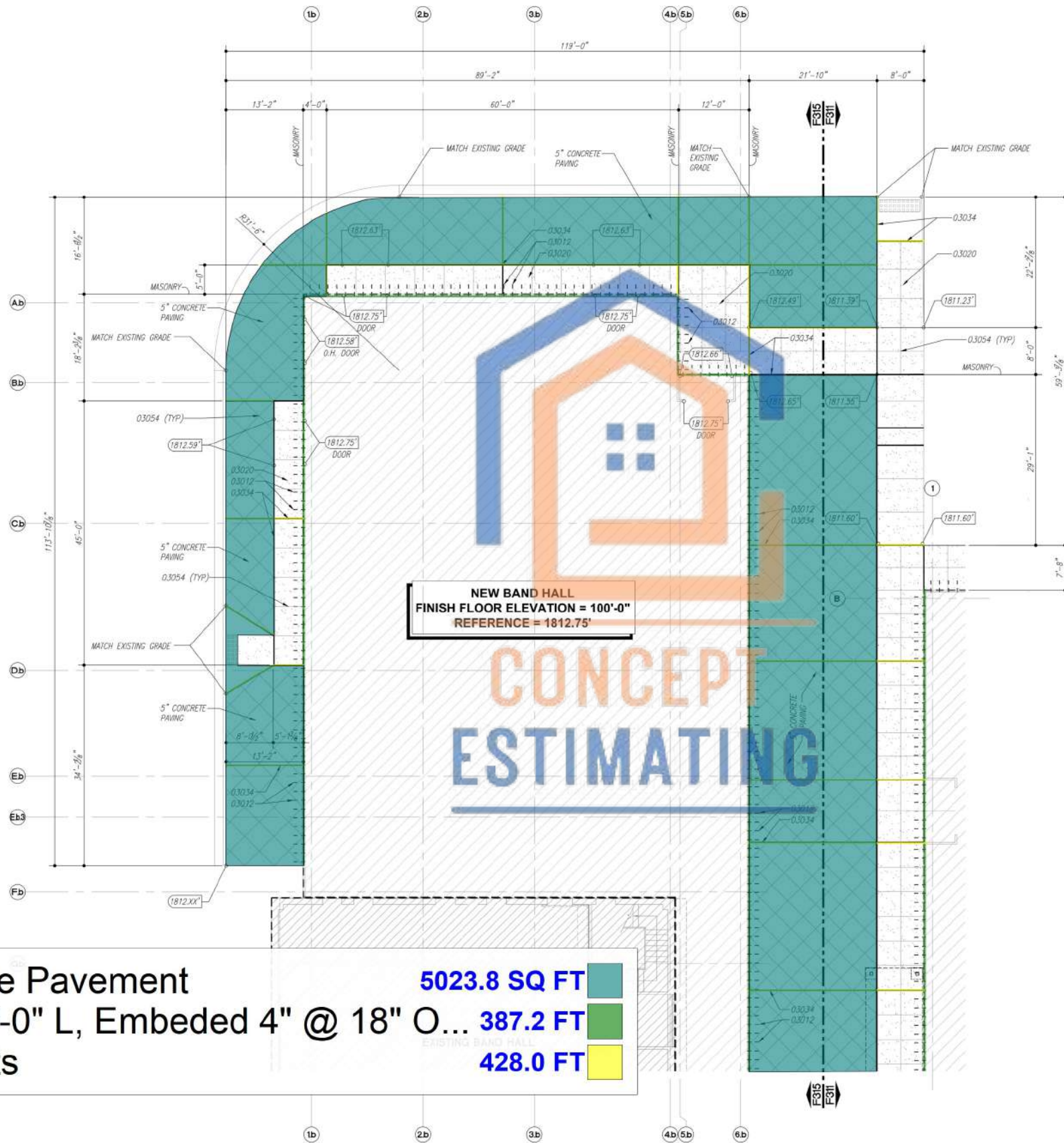


GENERAL NOTES
DIV. 1 - GENERAL CONDITIONS
ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.
DIV. 3 - CONCRETE
0.3012 #3 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" O.C. -- WHERE NOTED
0.3020 CONCRETE SIDEWALK X 4" DEEP WITH #3'S @ 1'-6" O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO TRAFFIC - MAXIMUM CROSS SLOPE SHALL NOT EXCEED 2%.
0.3034 PROVIDE 1/2" WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 30'-0" MAX. USE "PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO "DOW-CORNING" 888 SEALANT. REFER TO XX/CSOX
0.3054 TOOLED CONTRACTION JOINT WITH ROUNDED EDGES ON EACH SIDE OF JOINT. JOINT SHALL NOT BE MORE THAN 3/8" DEEP. JOINTS SHALL BE UNIFORM IN APPEARANCE, ALIGNED WITH ADJACENT JOINTS, SQUARE TO OTHER JOINTS, AND STRAIGHT WITHOUT DEVIATION IN PLANE.

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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS
PROJECT NUMBER: C772
APRIL 30, 2025

F314



GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE

100'-0" DENOTES POINT ELEVATION

DIV. 3 - CONCRETE

03012 #3 DOWELS X 2'-0" LONG EMBEDDED 4" @ 1'-6" O.C. -- WHERE NOTED

03020 CONCRETE SIDEWALK X 4" DEEP WITH #3'S @ 1'-6" O.C.E.W. - PROVIDE BROOM FINISH PERPENDICULAR TO TRAFFIC - MAXIMUM CROSS SLOPE SHALL NOT EXCEED 2%.

03034 PROVIDE 1/2" WIDE EXPANSION JOINTS AT INTERSECTIONS AND CHANGES IN DIRECTION - 30'-0" MAX. USE "PEEL-AWAY" EXPANSION JOINT FILLER. FILL GROOVE WITH NON-SAG GRAY SILICONE SEALANT EQUAL TO "DOW-CORNING" 888 SEALANT. REFER TO XX/CS04

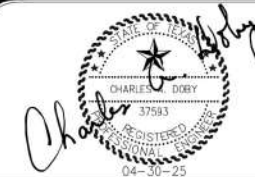
03054 TOoled CONTRACTION JOINT WITH ROUNDED EDGES ON EACH SIDE OF JOINT. JOINT SHALL NOT BE MORE THAN 3/8" DEEP. JOINTS SHALL BE UNIFORM IN APPEARANCE, ALIGNED WITH ADJACENT JOINTS, SQUARE TO OTHER JOINTS, AND STRAIGHT WITHOUT DEVIATION IN PLANE.



KEY PLAN N.T.S.

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**BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS**

PROJECT NUMBER: C772
APRIL 30, 2025

F315

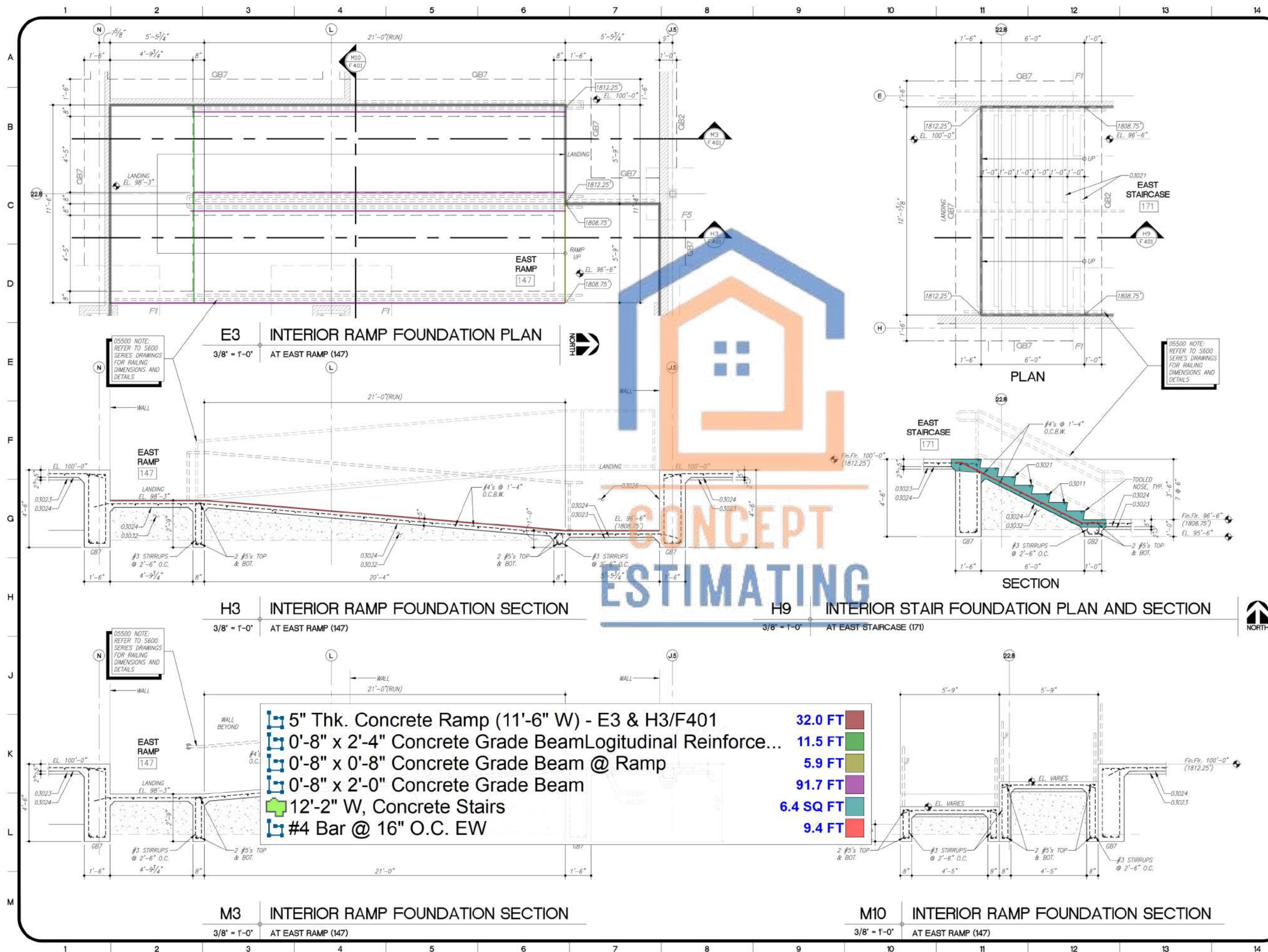
M1

ENLARGED SIDEWALK PLAN - "AREA 5"

3/32"=1'-0"

BAND HALL





NUMBERED NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.
STEEL REINFORING SHOWN IS FURNISHED AND INSTALLED AS A PART OF SPECIFICATION 03010 - CONCRETE.

REFER TO "5600" SERIES DRAWINGS FOR HANDRAIL/GUARDRAIL DIMENSIONS AND DETAILS.

ALL BARS ARE CONTINUOUS - WHERE LAPS OCCUR, THE LAP LENGTH SHALL BE 40 DIAMETERS.

GBX DENOTES GRADE BEAM TYPE - REFER SHEET F501

FX DENOTES FOOTING TYPE - REFER SHEET F503

DIV. 3 - CONCRETE

03011 #3 BAR AT EACH RISER

03021 NON-SLIP NOSING X 1'-0" LESS THAN WIDTH OF STEPS - EQUAL TO "AMERICAN SAFETY TREAD CO., INC." #801 WITH INTEGRAL CAST ANCHOR

03023 2" SAND BED

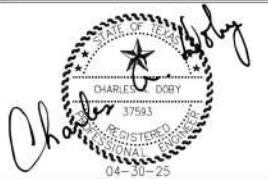
03024 POLYETHYLENE MOISTURE BARRIER, 15 MIL THICK.

03026 FORMED AND RUBBED CONCRETE FINISH -- ALL EXPOSED FACES

03032 COMPACTED GRANULAR FILL WITH A P.I. OF 5 OR LESS, COMPACTED TO 95% IN 8" LAYERS - TO BE USED AT RAMP, STAIRS OR ELEVATED SLABS ONLY.

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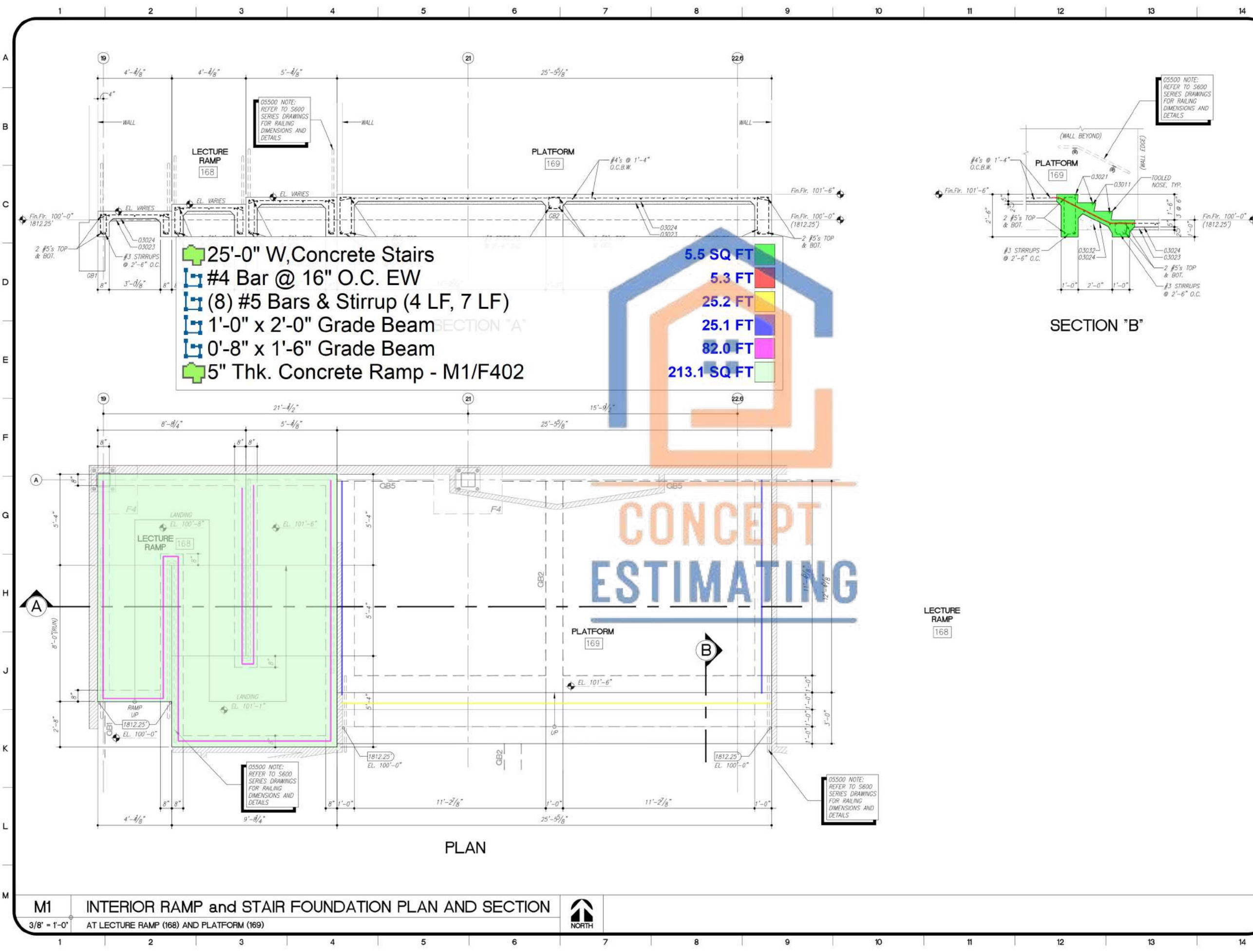


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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

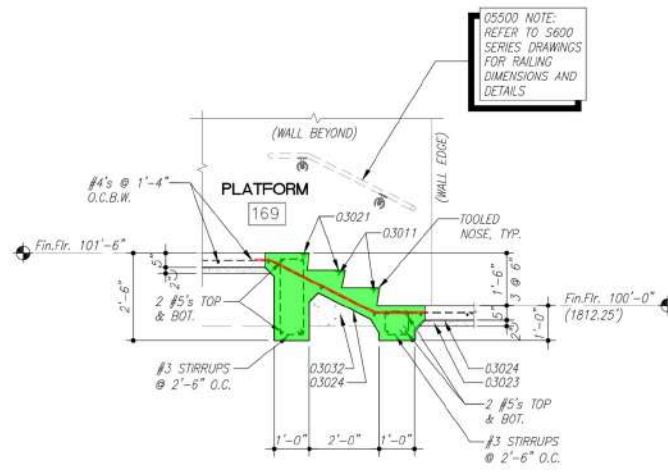
PROJECT NUMBER: C772
APRIL 30, 2025

F401



- 25'-0" W, Concrete Stairs
- #4 Bar @ 16" O.C. EW
- (8) #5 Bars & Stirrup (4 LF, 7 LF)
- 1'-0" x 2'-0" Grade Beam
- 0'-8" x 1'-6" Grade Beam
- 5" Thk. Concrete Ramp - M1/F402

5.5 SQ FT
5.3 FT
25.2 FT
25.1 FT
82.0 FT
213.1 SQ FT



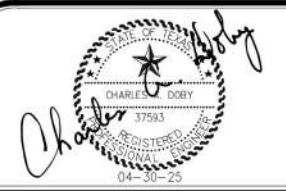
SECTION "B"

NUMBERED NOTES

- DIV. 1 - GENERAL CONDITIONS**
- ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.
- STEEL REINFORCING SHOWN IS FURNISHED AND INSTALLED AS A PART OF SPECIFICATION 03010 - CONCRETE.
- REFER TO "S600" SERIES DRAWINGS FOR HANDRAIL/GUARDRAIL DIMENSIONS AND DETAILS.
- ALL BARS ARE CONTINUOUS - WHERE LAPS OCCUR, THE LAP LENGTH SHALL BE 40 DIAMETERS.
- GBX** DENOTES GRADE BEAM TYPE - REFER SHEET F501
- FX** DENOTES FOOTING TYPE - REFER SHEET F502
- DIV. 3 - CONCRETE**
- 03011 #3 BAR AT EACH RISER
- 03021 NON-SLIP NOSING X 1'-0" LESS THAN WIDTH OF STEPS - EQUAL TO "AMERICAN SAFETY TREAD CO., INC." #801 WITH INTEGRAL CAST ANCHOR
- 03023 2" SAND BED
- 03024 POLYETHYLENE MOISTURE BARRIER, 15 MIL THICK.
- 03032 COMPACTED GRANULAR FILL WITH A P.I. OF 5 OR LESS, COMPACTED TO 95% IN 8" LAYERS - TO BE USED AT RAMP, STAIRS OR ELEVATED SLABS ONLY.

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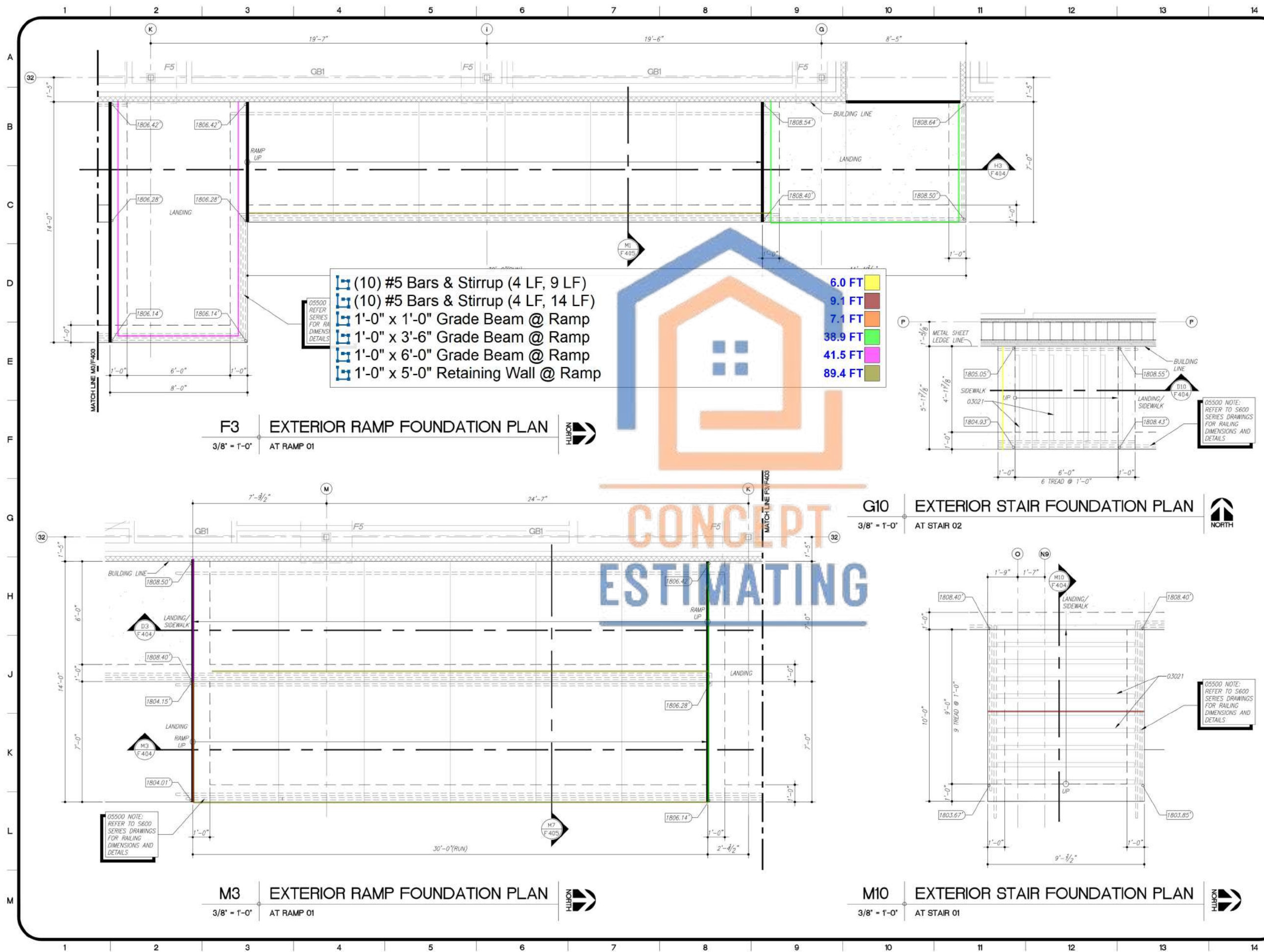
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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

F402





NUMBERED NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE

STEEL REINFORCING SHOWN IS FURNISHED AND INSTALLED AS A PART OF SPECIFICATION 03010 - CONCRETE

REFER TO "S600" SERIES DRAWINGS FOR HANDRAIL DIMENSIONS AND DETAILS

ALL BARS ARE CONTINUOUS - WHERE LAPS OCCUR, THE LAP LENGTH SHALL BE 40 DIAMETERS.

GBX DENOTES GRADE BEAM TYPE - REFER SHEET F501

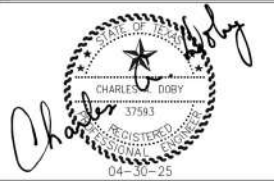
FX DENOTES FOOTING TYPE - REFER SHEET F503

DIV. 3 - CONCRETE

03021 NON-SLIP NOSING X 1'-0" LESS THAN WIDTH OF STEPS - EQUAL TO "AMERICAN SAFETY TREAD CO., INC." #801 WITH INTEGRAL CAST ANCHOR

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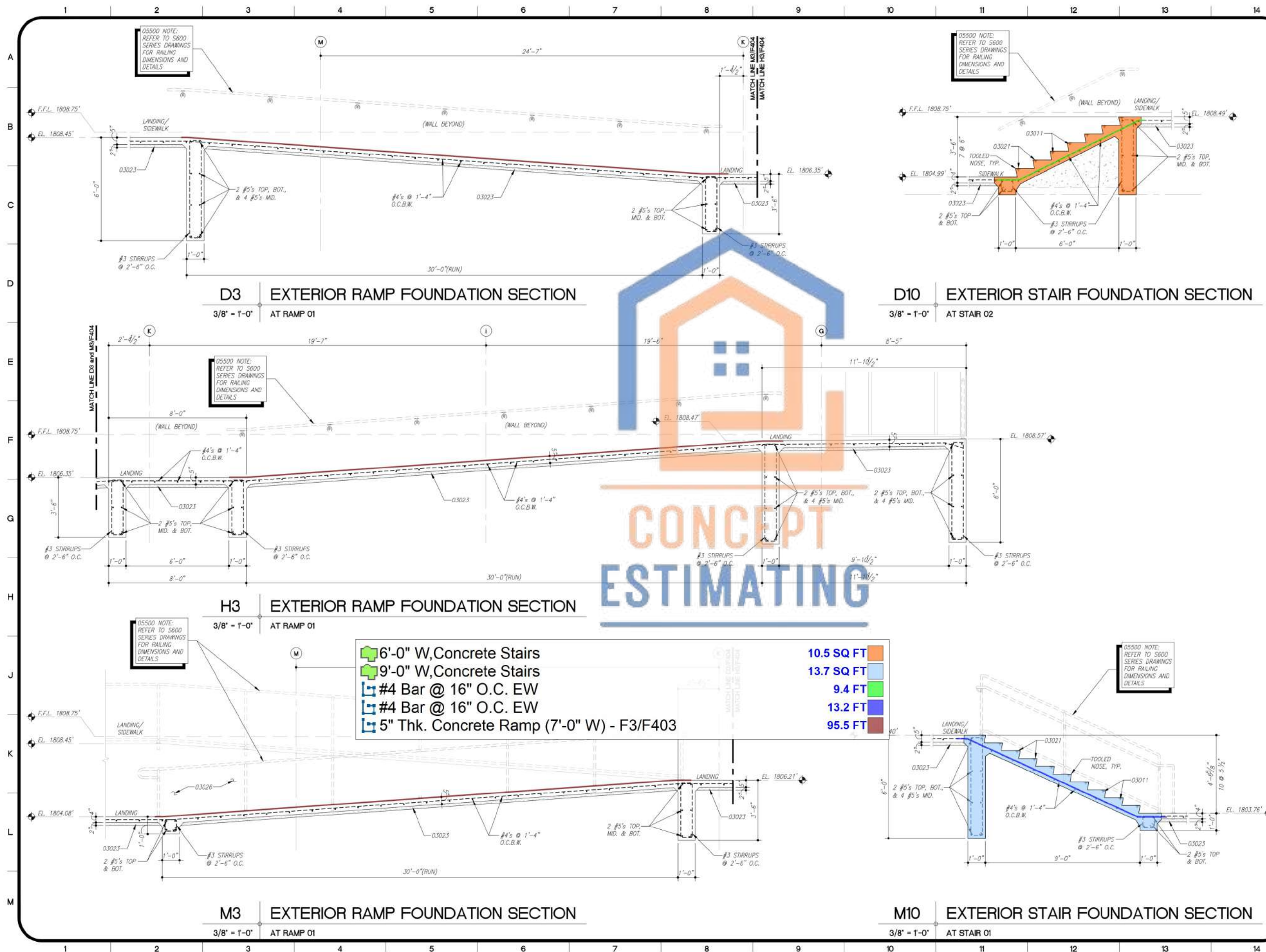
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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

F403



NUMBERED NOTES

DIV. 1 - GENERAL CONDITIONS

ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE

STEEL REINFORCING SHOWN IS FURNISHED AND INSTALLED AS A PART OF SPECIFICATION 03010 - CONCRETE

REFER TO "5600" SERIES DRAWINGS FOR HANDRAIL DIMENSIONS AND DETAILS

ALL BARS ARE CONTINUOUS - WHERE LAPS OCCUR, THE LAP LENGTH SHALL BE 40 DIAMETERS.

DIV. 3 - CONCRETE

03011 #3 BAR AT EACH RISER

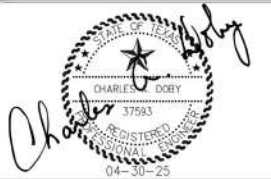
03021 NON-SLIP NOSING X 1'-0" LESS THAN WIDTH OF STEPS - EQUAL TO "AMERICAN SAFETY TREAD CO., INC." #801 WITH INTEGRAL CAST ANCHOR

03023 2" SAND BED

03026 FORMED AND RUBBED CONCRETE FINISH -- ALL EXPOSED FACES

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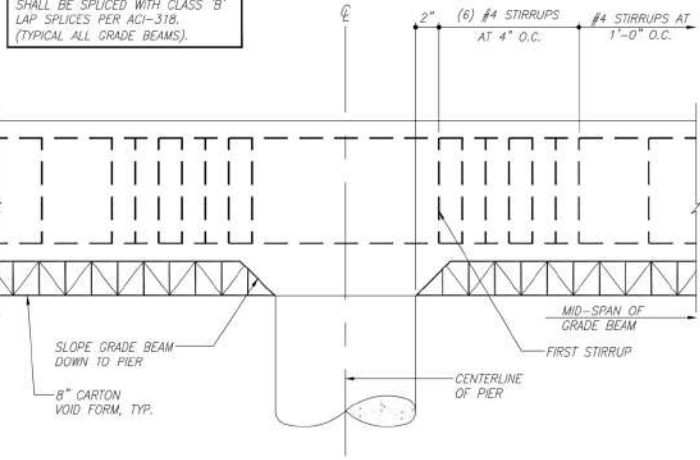
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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

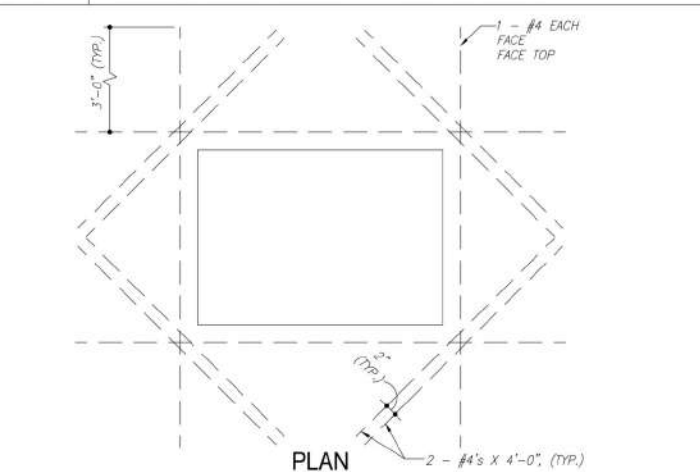
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APRIL 30, 2025

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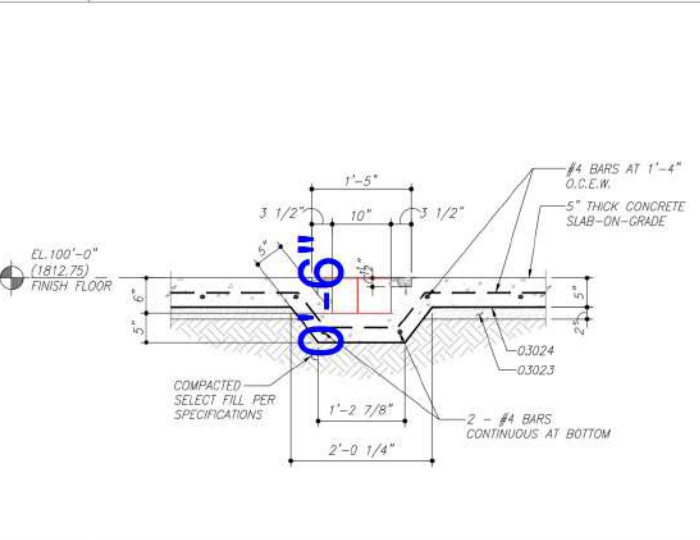
03010 NOTE:
TOP BARS MUST BE CONTINUOUS
OVER PIERS, THEY MAY BE CUT AT
MID-SPAN. BOTTOM BARS MUST
BE CONTINUOUS AT MID-SPAN,
THEY MAY BE CUT OVER PIERS. ALL
CONTINUOUS REINFORCING BARS
SHALL BE SPLICED WITH CLASS 'B'
LAP SPLICES PER ACI-318.
(TYPICAL ALL GRADE BEAMS).



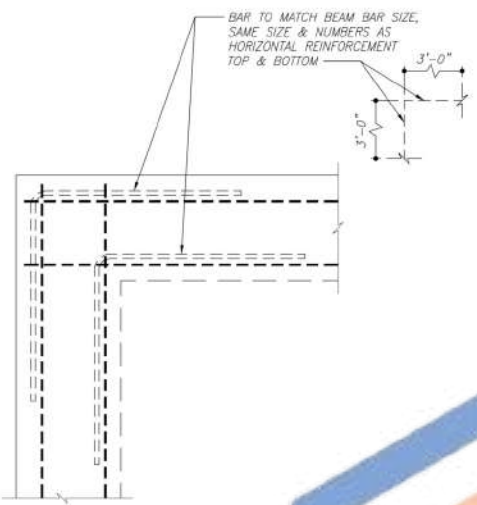
E1 STIRRUP PLACEMENT
N.T.S. TYPICAL AT ALL GRADE BEAMS AT STORM SHELTER



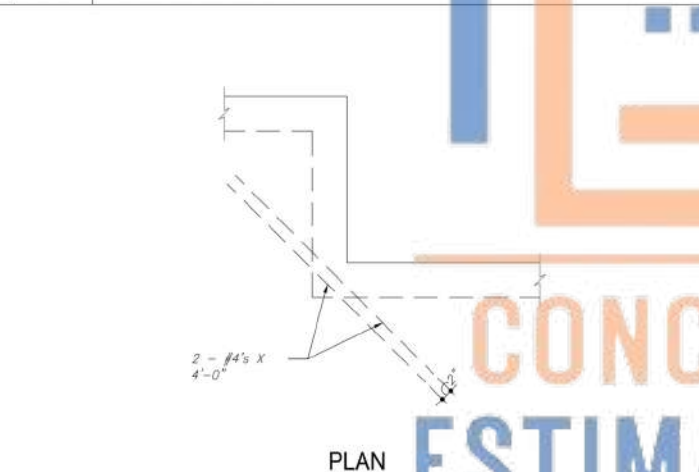
H1 SLAB RECESS
3/4" = 1'-0" (ANY SIZE)



M1 GAS TRENCH FOUNDATION DETAIL
3/4" = 1'-0"



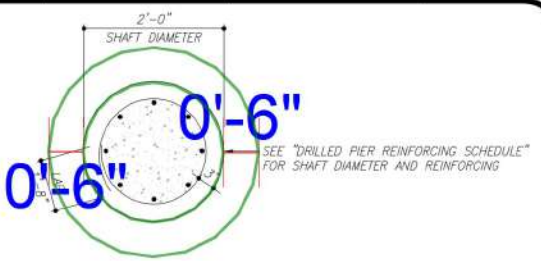
E5 TYPICAL CORNER REINFORCEMENT
3/4" = 1'-0" AT STORM SHELTER



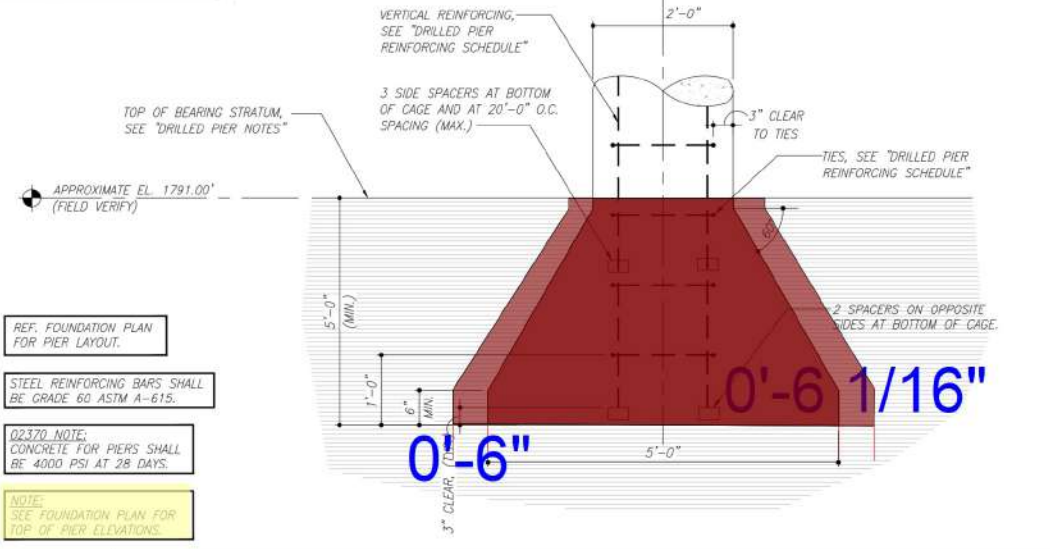
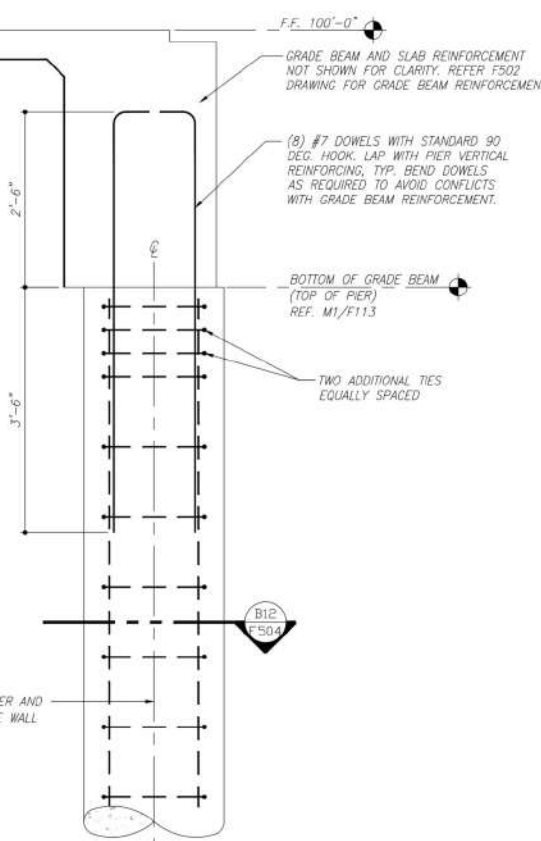
H5 TYP. INSIDE SLAB CORNER BARS
3/4" = 1'-0" EVERY CORNER

DRILLED PIER REINFORCING SCHEDULE			
SHAFT DIAMETER	BELL DIAMETER	VERTICAL BAR	TIES
2'-0"	4'-0"	(8) #7 BARS	#4 BARS AT 1'-0"

DRILLED PIER NOTES:
TERMINATE ALL PIERS IN THE RED-BROWN HIGHLY WEATHERED SHALE (BEARING STRATUM) PER M9/F504. REFER TO BORING LOGS. THE MINIMUM PENETRATION DEPTH SHOWN MUST BE MAINTAINED EVEN IF DEEPER PIERS ARE REQUIRED. BEARING STRATUM AND PIER TERMINATION DEPTHS SHALL BE VERIFIED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING REINFORCING STEEL.
ALL PIER INSTALLATIONS SHALL BE INSPECTED BY TESTING LAB.
THE DEPTHS OF PIERS SHALL BE VERIFIED BEFORE PIER STEEL IS CUT. SPLICES IN VERTICAL REINFORCING SHALL BE 62 BAR DIAMETERS, AND REINFORCING SHALL EXTEND TO 3 INCHES FROM THE BOTTOM OF PIER.
PIER HOLES SHALL BE COMPLETED AND FILLED WITH CONCRETE WITHIN 8 HOURS AFTER THE START OF ANY DRILLING IN THE PENETRATION ZONE.
PIER HOLES SHALL BE FREE OF WATER PRIOR TO CONCRETE PLACEMENT.
CONTRACTOR SHALL INCLUDE ONE 24/48 TEST PIER TO VERIFY BEARING STRATUM AND PIER BEARING CAPABILITIES. TEST PIER SHALL BE INSPECTED BY TESTING AGENCY.



B12 SECTION - DRILLED PIER
N.T.S. AT STORM SHELTER



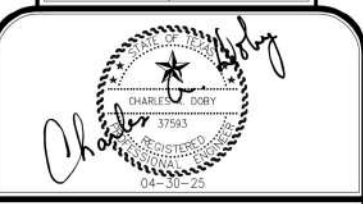
M9 DRILLED PIER DETAIL - STORM SHELTER
3/4" = 1'-0" TYPICAL DETAIL

GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS
ALL WORK SHOWN ON THIS SHEET IS A PART OF SPECIFICATION SECTION 03010 UNLESS NOTED OTHERWISE.
STEEL REINFORCING SHOWN IS FURNISHED AND INSTALLED AS A PART OF SPECIFICATION "03010-CONCRETE".
ALL BARS ARE CONTINUOUS. WHERE LAPS OCCUR, THE LAP LENGTH SHALL BE 40 DIAMETERS.

DIV. 3 - CONCRETE
03023 2" SAND BED
03024 POLYETHYLENE MOISTURE BARRIER, 15 MIL. THICK.
CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI AT 28 DAYS.
STEEL REINFORCING BARS SHALL BE GRADE 60 ASTM A-615.

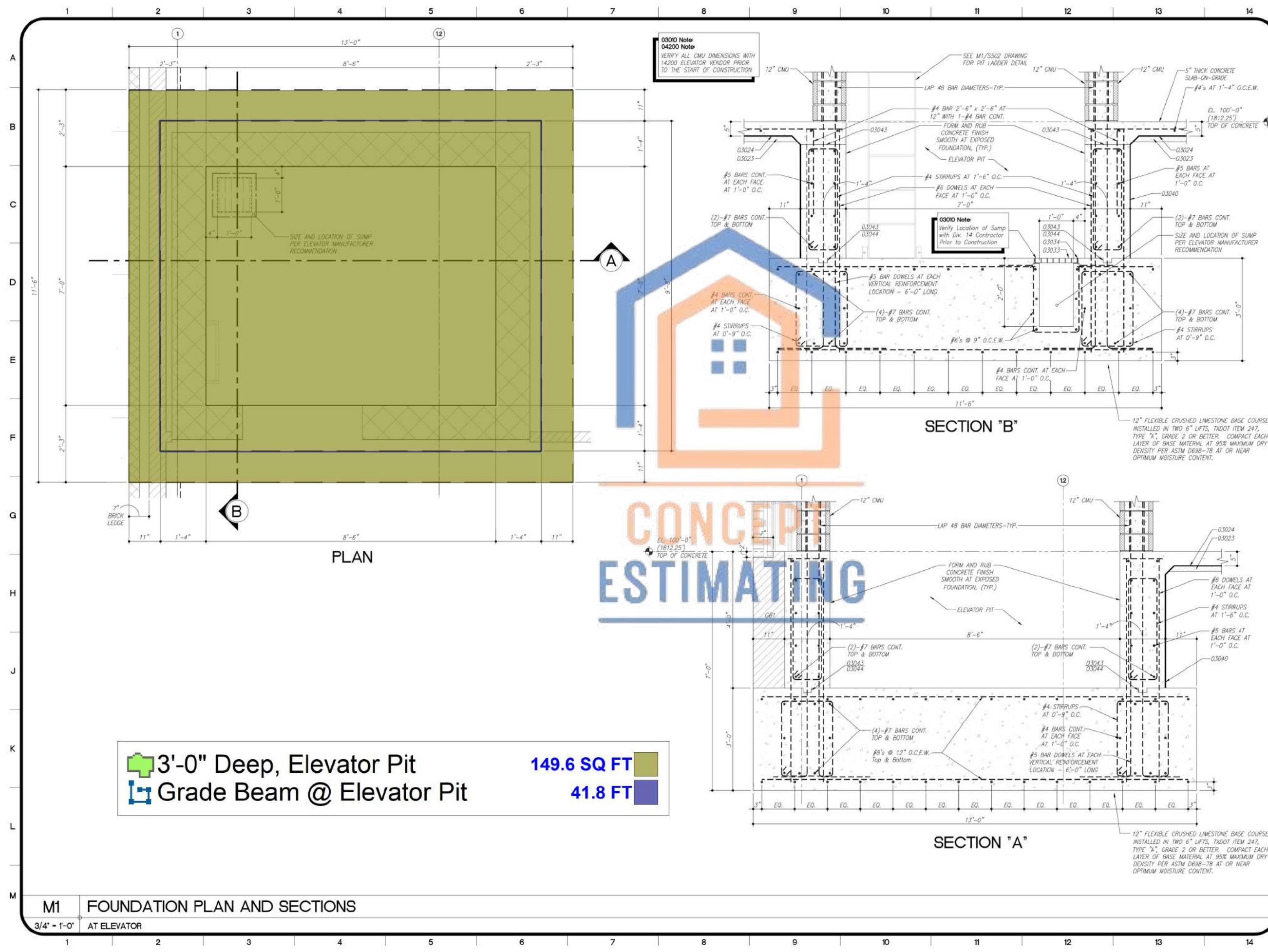
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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025
F504

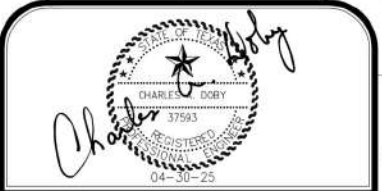


GENERAL NOTES

DIV. 1 - GENERAL CONDITIONS
STEEL REINFORCING SHOWN IS FURNISHED AND INSTALLED AS A PART OF SPEC. "03010 - CONC."
ALL BARS ARE CONTINUOUS - WHERE LAPS OCCUR, THE LAP LENGTH SHALL BE 40 DIAMETERS.

DIV. 3 - CONCRETE
03023 2" SAND BED
03024 POLYETHYLENE MOISTURE BARRIER - 15 MIL. THICK
03033 "NEENAH" #R-4725 TYPE "A" DRAIN GRATE OR EQUAL
03034 L 1 1/4 X 1 1/4 X 1/2 W/ FULLY WELDED CORNERS & 3/8 X 2 NELSON STUDS @ 6" O.C.
03040 3 COATS OF "REDGARD" OR APPROVED EQUAL WATERPROOFING MEMBRANE
03043 OPTIONAL CONSTRUCTION JOINT. GRADE BEAM AND SLAB MAY ALSO BE POURED MONOLITHICALLY AT THE CONTRACTOR'S OPTION. 2" X 4" KEY WAY SHALL BE USED AT ALL HORIZONTAL CONSTRUCTION JOINTS. REMOVE METAL KEY WAY BEFORE PLACING SECOND POUR.
03044 CONTINUOUS WATERSTOP AT CONSTRUCTION JOINTS. CONTINUOUS WATERSTOPS SHALL BE USED AT ALL CONSTRUCTION JOINTS BELOW GRADE.

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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025
F510

1.5 C20, 4" Concrete 6x6-W1.4xW1.4

20595.5 SQ FT

GENERAL NOTES

DIV. 5 - METALS

ALL BEAM TO BEAM CONNECTIONS ARE STANDARD AISC ONE ROW CONNECTIONS USING 3/4" A325 BOLTS. (REFER TO SHEET S501 FOR STANDARD CONNECTIONS.)

WIDE FLANGE MEMBERS: ASTM A992 - GRADE 50

STEEL TUBE MEMBERS: ASTM A500 GRADE B - 46 KSI.

MISCELLANEOUS STEEL: ASTM A36

TYPICAL ROOF DECK ATTACHMENT:

SUPPORTS, 3/8" X 3/4" PUDDLE WELDS. WELDS ON A 36/4 PATTERN.

WELD DECK AT 6" O.C. TO ALL PERIMETER SIDE SUPPORTS AND ALL PERIMETER END SUPPORTS (TYP.)

WELD DECK AT 12" O.C. TO SUPPORT AT END LAP (TYP.).

4" MINIMUM LAP (TYP.)

SIDELAPS, CONNECT ADJACENT SHEETS WITH #10 TEKS AT 1/4" POINTS BETWEEN SUPPORTS.

05106 STEEL ANGLE FRAMED OPENING FOR HVAC AND VENTILATION UNITS TO BE PROVIDED FOR ENTIRE PERIMETER OF CURB. VERIFY EXACT LOCATION AND REQUIRED DIMENSIONS WITH DIV. 15 CONTRACTOR AND MECHANICAL SHOP DRAWINGS. REFER H7/S501.

05218 1 ROW OF HORIZONTAL BRIDGING L 1 1/4 X 1 1/4 X 1/8.

05219 2 ROWS OF HORIZONTAL BRIDGING L 1 1/4 X 1 1/4 X 1/8.

JOISTS SHALL BE DESIGNED FOR A NET UPLIFT OF 20 PSF.

JOISTS SHALL BE EQUALLY SPACED BETWEEN COLUMN CENTERLINES, UNLESS NOTED OTHERWISE.

BRIDGING SHALL BE DETAILED BY JOIST MANUFACTURER PER SJI STANDARDS.

05305 1.5 C20, 4" CONCRETE 6X6 W1.4 X W1.4.

LOCATE STRUCTURAL SUPPORT BELOW METAL DECKING PRIOR TO ATTACHMENT. USE MASTER SEAL NP1 SEALANT TO FILL ALL OPEN HOLES AT METAL DECK THAT ARE THE RESULT OF ERECTOR MISSING STRUCTURE DURING ATTACHMENT OF METAL DECKING.

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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

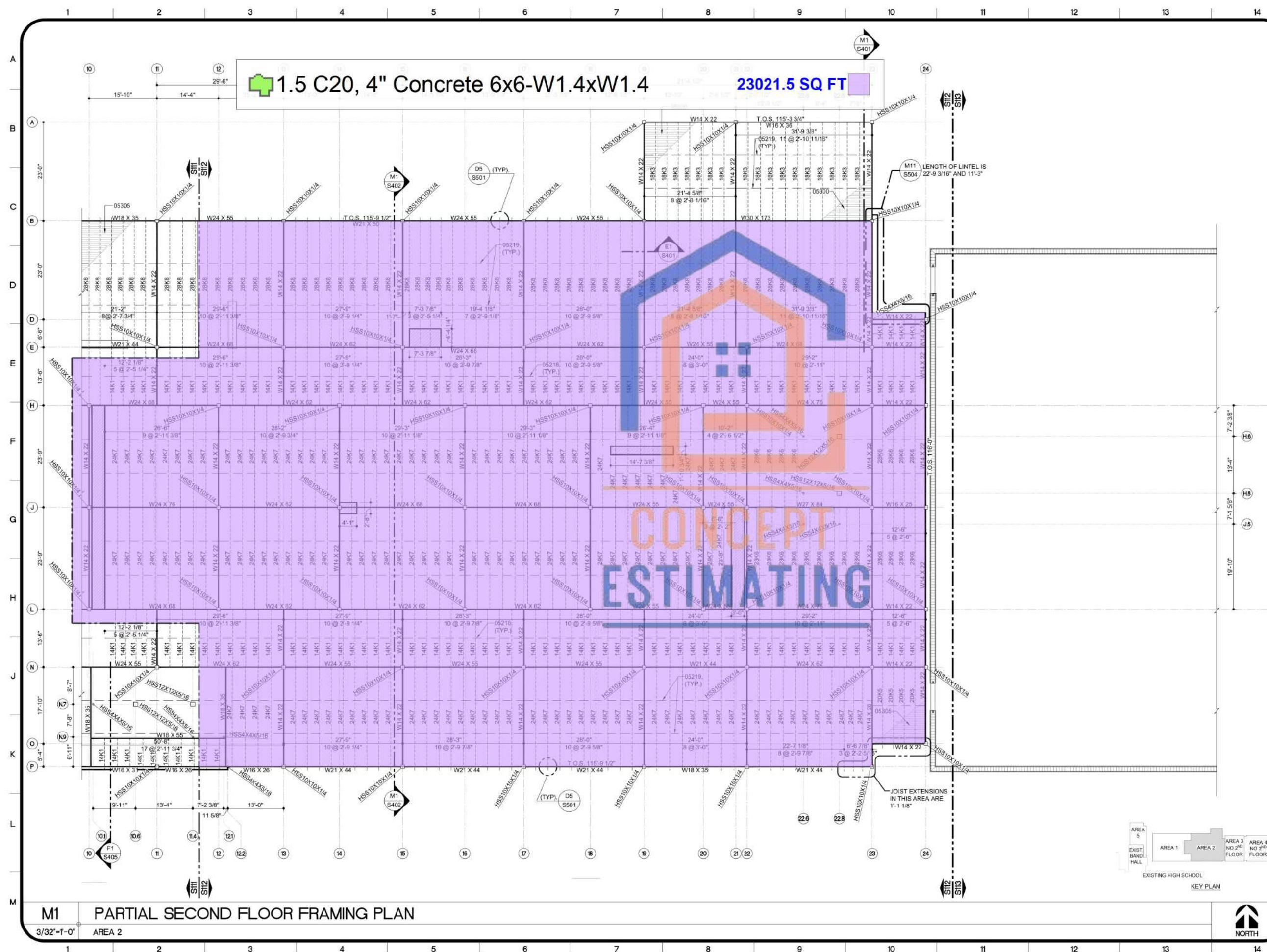
PROJECT NUMBER: C772
APRIL 30, 2025

S111

M1 PARTIAL SECOND FLOOR FRAMING PLAN

3/32"=1'-0" AREA 1





GENERAL NOTES

DIV. 5 - METALS

ALL BEAM TO BEAM CONNECTIONS ARE STANDARD AISC
ONE ROW CONNECTIONS USING 3/4" A325 BOLTS. (REFER
TO SHEET S501 FOR STANDARD CONNECTIONS.)

WIDE FLANGE MEMBERS: ASTM A992 - GRADE 50

STEEL TUBE MEMBERS: ASTM A500 GRADE B - 46 KSI.

MISCELLANEOUS STEEL: ASTM A36

TYPICAL ROOF DECK ATTACHMENT:

SUPPORTS, 3/8" X 3/4" PUDDLE WELDS. WELDS ON A 36/4 PATTERN.



WELD DECK AT 6" O.C. TO ALL PERIMETER
SIDE SUPPORTS AND ALL PERIMETER END
SUPPORTS (TYP.)

WELD DECK AT 12" O.C. TO SUPPORT AT END
LAP (TYP.).

4" MINIMUM LAP (TYP.)

SIDELAPS, CONNECT ADJACENT SHEETS WITH #10 TEKS AT 1/4" POINTS BETWEEN SUPPORTS

- 05106 STEEL ANGLE FRAMED OPENING FOR HVAC AND VENTILATION UNITS TO BE PROVIDED FOR ENTIRE PERIMETER OF CURB. VERIFY EXACT LOCATION AND REQUIRED DIMENSIONS WITH DIV. 15 CONTRACTOR AND MECHANICAL SHOP DRAWINGS. REFER H7/S501.

- | | |
|-------|--|
| 05218 | 1 ROW OF HORIZONTAL BRIDGING
L 1 1/4 X 1 1/4 X 1/8. |
|-------|--|

- | | |
|-------|---|
| 05219 | 2 ROWS OF HORIZONTAL BRIDGING
L 1 1/4 X 1 1/4 X 1/8. |
|-------|---|

JOISTS SHALL BE DESIGNED FOR A NET UPLIFT OF 20 PSF

JOISTS SHALL BE EQUALLY SPACED BETWEEN COLUMN CENTERLINES, UNLESS NOTED OTHERWISE.

BRIDGING SHALL BE DETAILED BY JOIST MANUFACTURER
PER SJI STANDARDS.

- | | |
|-------|--|
| 05300 | 1 1/2" X 20 GAUGE GALVANIZED METAL
EQUAL TO "VULCRAFT" 1.5 B20. |
|-------|--|

- 05305 1.5 C20, 4" CONCRETE 6X6 W1.4 X W1.4

LOCATE STRUCTURAL SUPPORT BELOW METAL DECKING PRIOR TO ATTACHMENT. USE MASTER SEAL NP1 SEALANT TO FILL ALL OPEN HOLES AT METAL DECK THAT ARE THE RESULT OF ERECTOR MISSING STRUCTURE DURING ATTACHMENT OF METAL DECKING.

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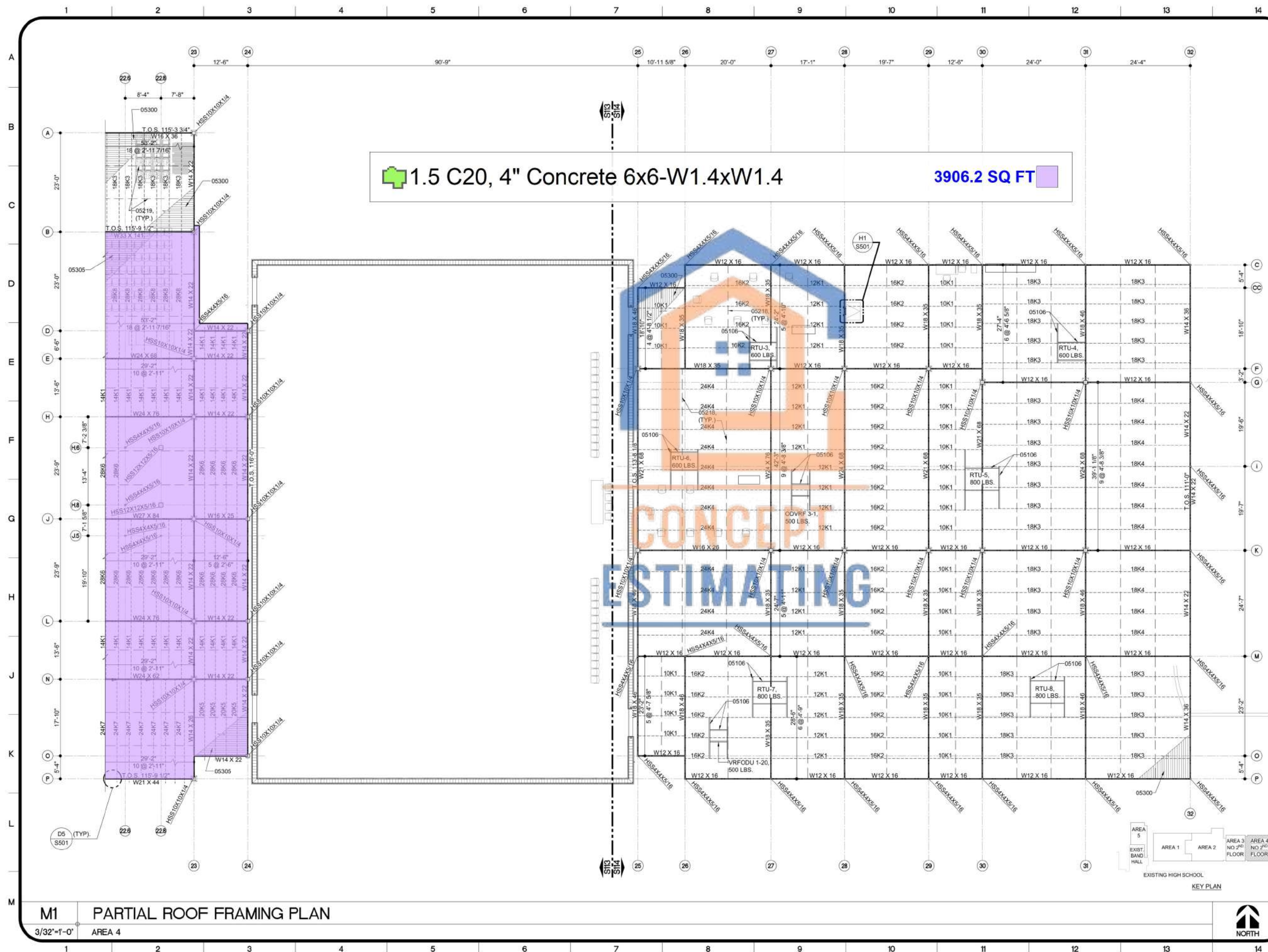
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**BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS**

PROJECT NUMBER: C772
APRIL 30, 2025

S112



GENERAL NOTES

DIV. 5 - METALS

ALL BEAM TO BEAM CONNECTIONS ARE STANDARD AISC ONE ROW CONNECTIONS USING 3/4" A325 BOLTS. (REFER TO SHEET S501 FOR STANDARD CONNECTIONS.)

WIDE FLANGE MEMBERS: ASTM A992 - GRADE 50

STEEL TUBE MEMBERS: ASTM A500 GRADE B - 46 KSI.

MISCELLANEOUS STEEL: ASTM A36

TYPICAL ROOF DECK ATTACHMENT:

SUPPORTS, 3/8" X 3/4" PUDDLE WELDS. WELDS ON A 36/4 PATTERN.

WELD DECK AT 6" O.C. TO ALL PERIMETER SIDE SUPPORTS AND ALL PERIMETER END SUPPORTS (TYP.)

WELD DECK AT 12" O.C. TO SUPPORT AT END LAP (TYP.)

4" MINIMUM LAP (TYP.)

SIDELAPS, CONNECT ADJACENT SHEETS WITH #10 TEKS AT 1/4 POINTS BETWEEN SUPPORTS.

05106 STEEL ANGLE FRAMED OPENING FOR HVAC AND VENTILATION UNITS TO BE PROVIDED FOR ENTIRE PERIMETER OF CURB. VERIFY EXACT LOCATION AND REQUIRED DIMENSIONS WITH DIV. 15 CONTRACTOR AND MECHANICAL SHOP DRAWINGS. REFER H7/S501.

05218 1 ROW OF HORIZONTAL BRIDGING L 1 1/4 X 1 1/4 X 1/8.

05219 2 ROWS OF HORIZONTAL BRIDGING L 1 1/4 X 1 1/4 X 1/8.

JOISTS SHALL BE DESIGNED FOR A NET UPLIFT OF 20 PSF.

JOISTS SHALL BE EQUALLY SPACED BETWEEN COLUMN CENTERLINES, UNLESS NOTED OTHERWISE.

BRIDGING SHALL BE DETAILED BY JOIST MANUFACTURER PER SJI STANDARDS.

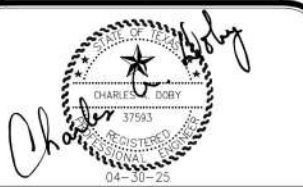
05300 1 1/2" X 20 GAUGE GALVANIZED METAL DECK EQUAL TO "VULCRAFT" 1.5 B20.

05305 1.5 C20, 4" CONCRETE 6X6 W1.4 X W1.4.

LOCATE STRUCTURAL SUPPORT BELOW METAL DECKING PRIOR TO ATTACHMENT. USE MASTER SEAL NP1 SEALANT TO FILL ALL OPEN HOLES AT METAL DECK THAT ARE THE RESULT OF ERECTOR MISSING STRUCTURE DURING ATTACHMENT OF METAL DECKING.

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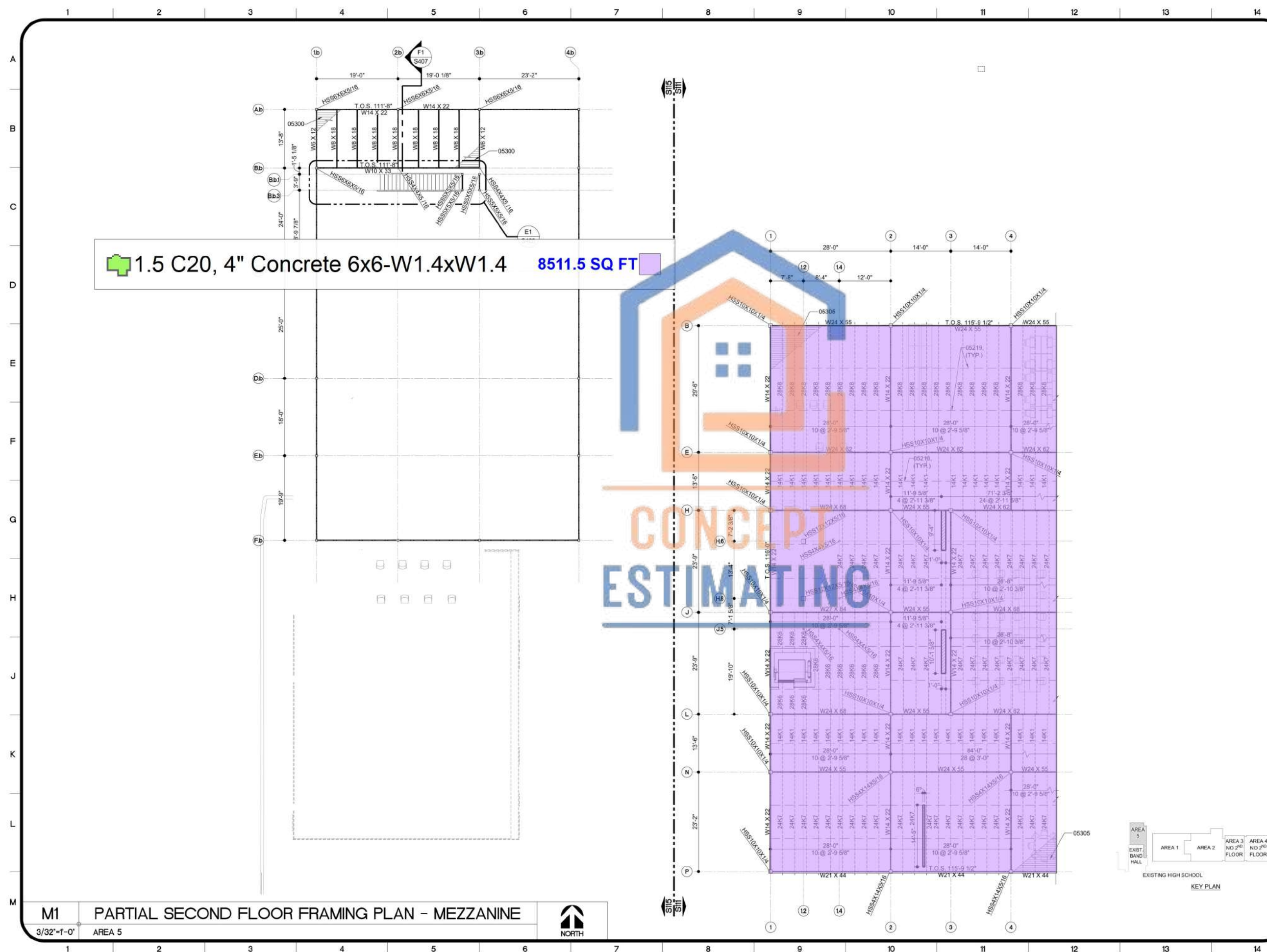
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ARCHITECTS - ENGINEERS, INC.
2401 S. WILLIS, STE. 200 ABILENE, TEXAS 79605

BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

S114



GENERAL NOTES

DIV. 5 - METALS

ALL BEAM TO BEAM CONNECTIONS ARE STANDARD AISC
ONE ROW CONNECTIONS USING 3/4" A325 BOLTS. (REFER
TO SHEET S501 FOR STANDARD CONNECTIONS.)

WIDE FLANGE MEMBERS: ASTM A992 - GRADE 50

STEEL TUBE MEMBERS: ASTM A500 GRADE B - 46 KSI.

MISCELLANEOUS STEEL: ASTM A36

TYPICAL ROOF DECK ATTACHMENT:

SUPPORTS, 3/8" X 3/4" PUDDLE WELDS. WELDS ON A 36/4 PATTERN.



WELD DECK AT 6" O.C. TO ALL PERIMETER
SIDE SUPPORTS AND ALL PERIMETER END
SUPPORTS (TYP.)

WELD DECK AT 12" O.C. TO SUPPORT AT EN
LAP (TYP.).

4" MINIMUM LAP (TYP.)

SIDELAPS, CONNECT ADJACENT SHEETS WITH #10 TEKS AT 1/4" POINTS BETWEEN SUPPORTS.

- 05106 STEEL ANGLE FRAMED OPENING FOR HVAC AND VENTILATION UNITS TO BE PROVIDED FOR ENTIRE PERIMETER OF CURB. VERIFY EXACT LOCATION AND REQUIRED DIMENSIONS WITH DIV. 15 CONTRACTOR AND MECHANICAL SHOP DRAWINGS. REFER H7/S501.

- | | |
|-------|--|
| 05218 | 1 ROW OF HORIZONTAL BRIDGING
L 1 1/4 X 1 1/4 X 1/8. |
|-------|--|

- | | |
|-------|---|
| 05219 | 2 ROWS OF HORIZONTAL BRIDGING
L 1 1/4 X 1 1/4 X 1/8. |
|-------|---|

JOISTS SHALL BE DESIGNED FOR A NET UPLIFT OF 20 PSF

JOISTS SHALL BE EQUALLY SPACED BETWEEN COLUMN CENTERLINES, UNLESS NOTED OTHERWISE.

BRIDGING SHALL BE DETAILED BY JOIST MANUFACTURER
PER SJI STANDARDS.

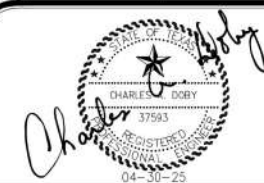
- | | |
|-------|---|
| 05300 | 1 1/2" X 20 GAUGE GALVANIZED METAL DECK
EQUAL TO "VULCRAFT" 1.5 B20. |
|-------|---|

- 05305 1.5 C20, 4" CONCRETE 6X6 W1.4 X W1.4

LOCATE STRUCTURAL SUPPORT BELOW METAL DECKING PRIOR TO ATTACHMENT. USE MASTER SEAL NP1 SEALANT TO FILL ALL OPEN HOLES AT METAL DECK THAT ARE THE RESULT OF ERECTOR MISSING STRUCTURE DURING ATTACHMENT OF METAL DECKING.

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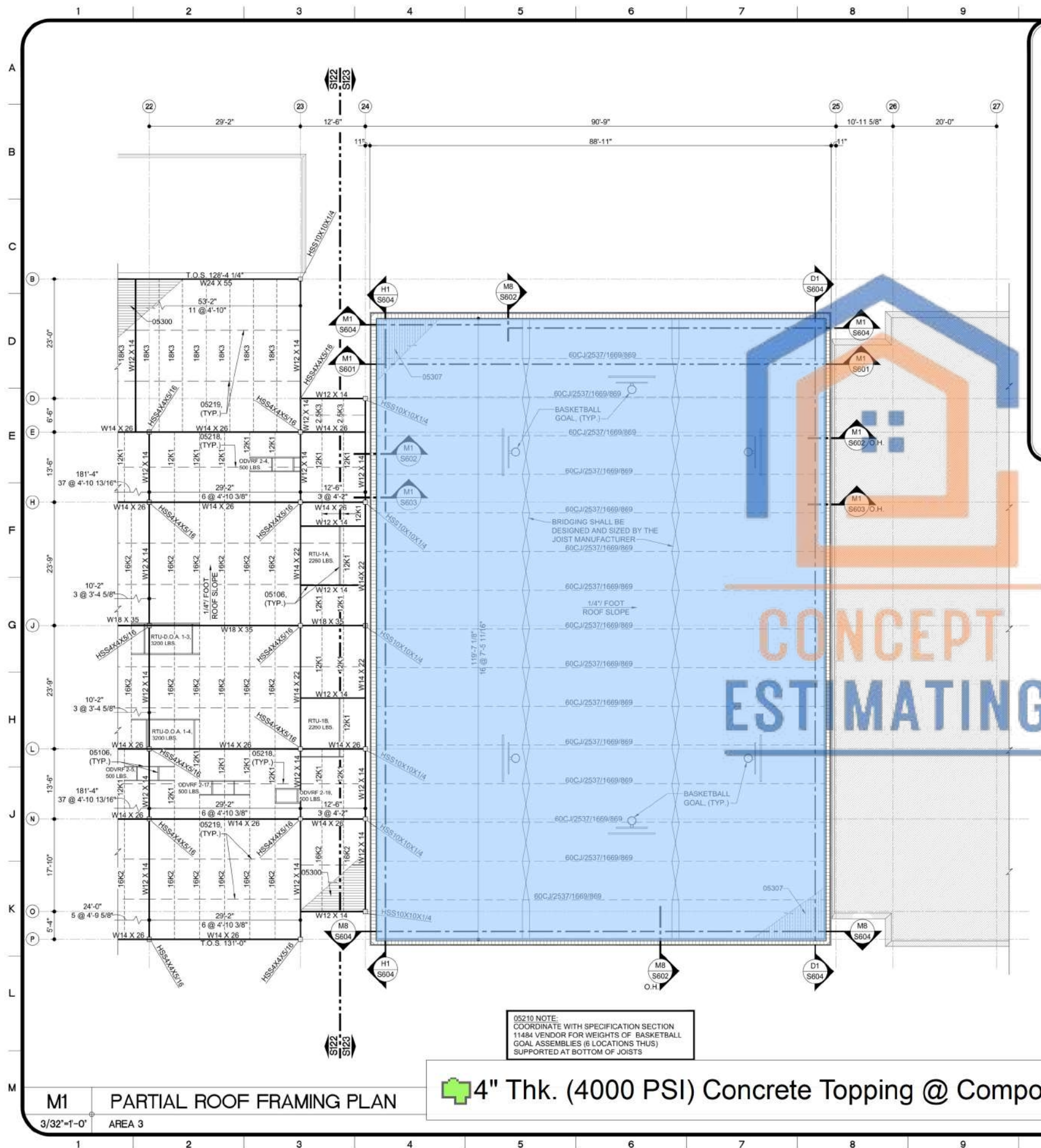
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ARCHITECTS - ENGINEERS, INC.
2401 S. WILLIS, STE. 200 ABILENE, TEXAS 79601

**BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS**

PROJECT NUMBER: C772
APRIL 30, 2025

S115



DIV. 5 - METALS

COMPOSITE STEEL JOISTS - CJ SERIES JOISTS

JOIST DESIGNATION: 60CJ2537/1669/869 (SEE EXPLANATION OF LOADS SHOWN BELOW)

JOIST DEPTH = 60"

TOTAL FACTORED COMPOSITE DESIGN LOAD (1.2D + 1.6L + 0.5W) = 2537 PLF

TOTAL FACTORED COMPOSITE LIVE LOAD + DOWNWARD WIND (1.6L + 0.5W) = 1669 PLF

TOTAL FACTORED DESIGN DEAD LOAD (1.2D) = 869 PLF

TOTAL FACTORED COMPOSITE DEAD LOAD (1.2D) = 183 PLF

TOTAL FACTORED NON-COMPOSITE DEAD LOAD (1.2D) = 686 PLF

REFER TO STRUCTURAL NOTES (S001) FOR DESIGN LOADS AND COMPONENTS AND CLADDING WIND PRESSURES SHOWN ON C&C TABLE

POSITIVE (DOWNWARD) WIND PRESSURE (REFER TO C&C TABLE) = 118 PSF

NEGATIVE (UPLIFT) WIND PRESSURE (REFER TO C&C TABLE) = 228 PSF

JOIST MANUFACTURER SHALL DESIGN THE JOISTS AND BRIDGING TO RESIST COMPONENTS AND CLADDING WIND UPLIFT FORCES ACCORDING TO THE NET NEGATIVE PRESSURES (LRFD) LISTED ON THE STORM SHELTER COMPONENTS AND CLADDING WIND PRESSURES TABLE SHOWN ON S001.

AT EACH BASKETBALL GOAL, DESIGN JOIST TO SUPPORT 1000 POUNDS OF SERVICE GRAVITY LOAD.

STEEL JOIST MANUFACTURER SHALL DESIGN THE JOISTS IN ACCORDANCE WITH SJI SPECIFICATIONS.

PRIOR TO FABRICATION, THE JOIST MANUFACTURER SHALL SUBMIT DESIGN CALCULATIONS FOR THE COMPOSITE JOISTS SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS.

BRIDGING SHOWN ON THE CONSTRUCTION DRAWINGS IS PRELIMINARY AND SHALL BE DESIGNED AND SIZED BY THE JOIST MANUFACTURER.

HEADED STUD ANCHORS (SHEAR STUD CONNECTORS) SHALL BE 3/4" DIAMETER WITH AN INSTALLED LENGTH OF 1.5" ABOVE THE DECK. INCREASE THE LENGTH OF THE ANCHORS AS REQUIRED TO ACCOUNT FOR SHORTENING FROM THE WELDING PROCESS.

THE QUANTITY OF STUDS PER JOIST AND THE STUD LAYOUT SHALL BE DESIGNED BY THE JOIST MANUFACTURER.

MAXIMUM ALLOWABLE LIVE LOAD DEFLECTION = SPAN/360

REFER TO S600 SERIES DRAWINGS FOR ADDITIONAL COMPOSITE JOIST REQUIREMENTS.

GENERAL NOTES

DIV. 5 - METALS

ALL BEAM TO BEAM CONNECTIONS ARE STANDARD AISC ONE ROW CONNECTIONS USING 3/4" A325 BOLTS. (REFER TO SHEET S501 FOR STANDARD CONNECTIONS.)

WIDE FLANGE MEMBERS: ASTM A992 - GRADE 50

STEEL TUBE MEMBERS: ASTM A500 GRADE B - 46 KSI.

MISCELLANEOUS STEEL: ASTM A36

TYPICAL ROOF DECK ATTACHMENT:

SUPPORTS, 3/8" X 3/4" PUDDLE WELDS. WELDS ON A 36/4 PATTERN.

WELD DECK AT 6" O.C. TO ALL PERIMETER SIDE SUPPORTS AND ALL PERIMETER END SUPPORTS (TYP.).

WELD DECK AT 12" O.C. TO SUPPORT AT END LAP (TYP.).

4" MINIMUM LAP (TYP.).

SIDELAPS, CONNECT ADJACENT SHEETS WITH #10 TKS AT 1/4" POINTS BETWEEN SUPPORTS.

05106 STEEL ANGLE FRAMED OPENING FOR HVAC AND VENTILATION UNITS TO BE PROVIDED FOR ENTIRE PERIMETER OF CURB. VERIFY EXACT LOCATION AND REQUIRED DIMENSIONS WITH DIV. 15 CONTRACTOR AND MECHANICAL SHOP DRAWINGS. REFER H7/S501.

05218 1 ROW OF HORIZONTAL BRIDGING L 1 1/4 X 1 1/4 X 1/8.

05219 2 ROWS OF HORIZONTAL BRIDGING L 1 1/4 X 1 1/4 X 1/8.

JOISTS SHALL BE DESIGNED FOR A NET UPLIFT OF 20 PSF.

JOISTS SHALL BE EQUALLY SPACED BETWEEN COLUMN CENTERLINES, UNLESS NOTED OTHERWISE.

BRIDGING SHALL BE DETAILED BY JOIST MANUFACTURER PER SJI STANDARDS.

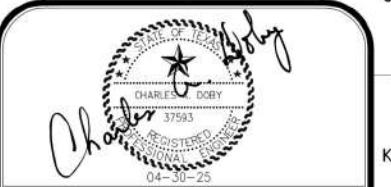
05300 1 1/2" X 20 GAUGE GALVANIZED METAL DECK EQUAL TO "VULCRAFT" 1.5 B20.

05307 COMPOSITE DECK-SLAB DECK TYPE: VULCRAFT 2VL-36 COMPOSITE DECK OR APPROVED EQUAL, 20 GAGE, GRADE 50 STEEL, 560 GALVANIZED COATING (TOP/BOTTOM) CONCRETE: 4000 PSI, NORMAL WEIGHT CONCRETE, REINFORCED WITH #4 BARS AT 1'-0" O.C. EACH WAY SLAB THICKNESS ABOVE DECK = 4" TOTAL SLAB DEPTH = 6"

LOCATE STRUCTURAL SUPPORT BELOW METAL DECKING PRIOR TO ATTACHMENT. USE MASTER SEAL NP1 SEALANT TO FILL ALL OPEN HOLES AT METAL DECK THAT ARE THE RESULT OF ERECTOR MISSING STRUCTURE DURING ATTACHMENT OF METAL DECKING.

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BAND HALL ADDITION, ANNEX
with GYM / STORM SHELTER
ABILENE WYLIE HIGH SCHOOL
ABILENE, TEXAS

PROJECT NUMBER: C772
APRIL 30, 2025

S123

4" Thk. (4000 PSI) Concrete Topping @ Composite Roof Deck **10396.8 SQ FT**

