

Building Data Summary	
Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024




VERACITY
ESTIMATING
 Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
DIVISION.01 GENERAL REQUIREMENTS						
1		Supervision and Coordination	LS	1	0%	1
2		Submittals and Shop drawings	LS	1	0%	1
3		Final Cleaning	LS	1	0%	1
4		Mobilization Costs	LS	1	0%	1
5		Temporary Control & Facilities	LS	1	0%	1
6		Scaffolding	SF	55280	5%	58044
7						
DIVISION 02- SITE WORK/ EXISTING CONDITIONS						
		Demo				
8		Remove Pavement	SF	24034	5%	25236
9		Remove Shoulder	LF	612	5%	643
10		Remove Tree	EA	1	0%	1
		Site				
		Pavement				
11		4" Portland Cement Concrete Pavement (Non Traffic) 6" Of Moisture Conditioned Class 2 AB Compacted To 95" RC 6" Moisture Conditioned Subgrade Compacted To 95% RC	SF	11780	5%	12369
12		5" Thickness Concrete Pavement (Passenger/ Cart) #4 Bars @ 16" OC Each way 6" Of Moisture Conditioned Class 2 AB Compacted To 95" RC 6" Moisture Conditioned Subgrade Compacted To 95" RC	SF	92566	5%	97194
13		6" Thickness Concrete Pavement (Truck/Bus) #4 Bars @ 16" OC Each way 6" Of Moisture Conditioned Class 2 AB Compacted To 95" RC 6" Moisture Conditioned Subgrade Compacted To 95" RC	SF	2072	5%	2176
14		7" Thickness Concrete Pavement (Fire Truck) #4 Bars @ 16" OC Each way 6" Of Moisture Conditioned Class 2 AB Compacted To 95" RC 6" Moisture Conditioned Subgrade Compacted To 95" RC	SF	3946	5%	4143
15		3" Thick Asphalt Concrete Pavement Tack Coat 8.5" Of Moisture Conditioned Class 2 Aggregate Base Compacted 95% Moisture Condition Subgrade	SF	83510	5%	87686
		Stone Paving				
16		1 1/2" Thick Min x18"x36" Stone Paver -3" Thick x6"x6" Stone Paver W/ Texture Mortar Set On Concrete Stone Set Tight W/ Swept Set Sanded Joints -Optional Anti Fracture Membrane 4" Reinf Concrete Footing, Rough Finish For Paver -6" Class 2 Base Rock, Confirm Depth W/ Engineer -Subgrade Undisturbed -Swept In Sand Joint Or Elastomeric Sanded Joint	SF	46480	5%	48804

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17		Stone Paving Over Sand 1 1/2" Thick Stone Paver Stone Set Tight W/ Swept Set Sanded Joints Gator Base 1/2" Compacted Sand Gator Fabric GF 4.4 Compacted Native Soil	SF	24804	5%	26044
18		Permeable Gravel Paving Filter Fabric Class 2 Base Rock Compacted To 95% 5" Of 1/4" Blue Cap Crushed Gravel Gravel Pave 2 Paving System Subgrade Undisturbed, Hold Soil 1" Below Edger For Mulch 3/16" x4" Steel Edger	SF	6772	5%	7111
		Bioretention Area				
19		Bioretention Area 18" Thick Engineering Planting Soil Void Ratio Min 0.4 12" Thick Permeable Drain Rock Void Ratio Min 0.4	SF	29160	5%	30618
		Ramp				
20		Accessible Ramp	SF	232	5%	244
		Curb & Gutter				
21		(5" Wide) Concrete Vertical Curb	LF	3152	5%	3310
22		Concrete Curb & Gutter	LF	511	5%	537
23		(6" Wide) Valley & Gutter #4 Bars @ 12" OC Both Side 6" Moisture Conditioned Class 2 AB Compacted 6" Moisture Conditioned Subgrade Compacted 95%	LF	126	5%	132
		Stone Wall				
		Stone Face Seat Wall				
24		Stone Face Seat Wall (2'-0" H) (594 LF)	SF	1188	5%	1247
		Stone Cap				
25		Stone Cap 20" Wide By 3" Thick Snap Cut 2" Cantilever	LF	594	5%	624
		Plaster				
26		Water Proof & Plaster	SF	1188	5%	1247
		CMU Wall				
27		12" CMU Block Filled W/ Concrete 3/8" Grouting	SF	1188	5%	1247
		Concrete Footing				
28		Footing 18"x18" (594 LF) #4 Bar 16" OC Both Way	CY	56.3	5%	59
		Stone Border				
29		Stone Border 3" Thick x 8" Wide x 18" Long	LF	594	5%	624
		Decorative Retaining Stone Wall				
30		Decorative Retaining Stone Wall (4'-6" H) (130 LF)	SF	585	5%	614
		Stone Cap				
31		Stone Cap 20" Wide By 3" Thick Snap Cut 2" Cantilever	LF	130	5%	137
		Plaster				
32		Water Proof & Plaster	SF	585	5%	614

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		CMU Wall				
33		12" CMU Block Filled W/ Concrete 3/8" Grouting	SF	585	5%	614
		Concrete Footing				
34		Footing 18"x24" (130 LF) #4 Bar 16" OC Both Way	CY	15.4	5%	16
		Stone Border				
35		Stone Border 3" Thick x 8" Wide x 18" Long	LF	130	5%	137
		Decorative Gravel				
36		4" Widex9" Deep Drain Rock With 2" Decorative Gravel	SF	588	5%	617
		Metal Railing				
37		(2'-10" H) Metal Railing	LF	205	5%	215
		Saw Cut				
38		Saw Cut	LF	1213	5%	1274
		Painted Strip				
39		(4" Wide) Painted Strip	LF	1223	5%	1284
		Warning Sign				
40		Detectable Warning Sign (5'-0"x3'-0") 2.3" Min & 2.4" Center To Center Spacing	EA	10	0%	10
		Curb Opening				
41		(2' Wide) Curb Opening	EA	10	0%	10
		Wheel Stop				
42		(6' Wide, 5" H) Wheel Stop With (2) 12" - #4 Bar	EA	19	0%	19
		ADA Sign				
43		ADA Sign (18"x12") Reserved Parking Sign (12"x9") Penalty Sign(12"x6") Van Accessible Sign With 4" Dia Steel Pipe (9'-0" H) (12" Dia 2'-6" H) Footing	EA	3	0%	3
		ADA Sign Footing				
44		ADA Sign (18"x12") Reserved Parking Sign (12"x9") Penalty Sign(12"x6") Van Accessible Sign With 4" Dia Steel Pipe (9'-0" H) (12" Dia 2'-6" H) Footing	CY	0.21	5%	0
		Boulders				
45		1/3 Height Of Boulders	EA	74	0%	74
		Stone Stairs				
46		Stone Stairs (2'-2" Wide) 4" Thick Stone Paver 1" Compacted Sand 4" Class 2 Permeable Base Rock Compacted Native Soil	EA	22	0%	22
		Stairs				
47		(5'-0" Wide) Stairs 6" Riser 9 EA 12" Tread 8 EA	EA	9	0%	9

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48		(6'-0" Wide) Stairs 6" Riser 23 EA 12" Tread 22 EA	EA	23	0%	23
49		(8'-0" Wide) Stairs 6" Riser 25 EA 12" Tread 24 EA	EA	25	0%	25
50		(10'-0" Wide) Stairs 6" Riser 2 EA 12" Tread 1 EA	EA	2	0%	2
51		(15'-0" Wide) Stairs 6" Riser 11 EA 12" Tread 10 EA	EA	11	0%	11
52		(21'-0" Wide) Stairs 6" Riser 11 EA 12" Tread 10 EA	EA	11	0%	11
53		(77'-6" Wide) Stairs 6.2" Riser 9 EA 15" Tread 8 EA	EA	9	0%	9
		Trash Enclosure				
		Concrete Slab				
54		5" Thick Concrete Slab (461 SF) W/ #4 Bar @ 18" OC Both Side	CY	7.1	5%	7
		CMU Wall				
55		8x8x16 CMU Block Wall Painted (8'-0" H) (98 LF) #4 Vert Bar @ 16" OC #4 Horizontal Bar @ 24" OC (2) #4 Continuous Hour Bond Beam 2" Concrete Cap	SF	784	5%	823
		Concrete Footing				
56		(2'-4"x1'-0") Concrete Footing (2) #4 Bar Top Bottom	CY	8.4	5%	9
		Concrete Curb				
57		(10"x5") Concrete Curb	LF	52	5%	55
		Concrete Pad				
58		(10'x14') Concrete Pad	SF	140	5%	147
		Wheel Stop				
59		Wheel Stop	EA	4	0%	4
		Gate				
60		(6'-0"x6'-0") Door By Steel Corrugated Decking Painted	EA	3	0%	3
61		(3'-0"x6'-0") Door By Steel Corrugated Decking 10" Kick Plate At Bottom Painted	EA	2	0%	2
		Bolt				
62		1" Dia Drop Bolt	EA	2	0%	2
		Site Electrical				
63		Circuit Breaker (600A/3P)	EA	2	0%	2
64		Circuit Breaker (400A/3P)	EA	1	0%	1

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65		Circuit Breaker (100A/3P)	EA	1	0%	1
66		4" Conduit-(4)#500+#1/0G Wire	LF	1560	5%	1638
67		4" Underground Conduit-(4)#600 Wire	LF	60	5%	63
68		1-1/2" Conduit-(3)#1-#6G Wire	LF	200	5%	210
69		Allowance For Grounding	EA	1	0%	1
70		Junction Box	EA	6	0%	6
71		Transformer (12KV-300KVA) Volt: 480/277	EA	1	0%	1
72		Main Switchboard Volt: 480/277 Amps: 1200	EA	1	0%	1
73		Recessed Step Light (2 Watt) Manuf: ALCON LIGHTING Model: 14051 ALDER	EA	14	0%	14
74		Led Directional Light (2.5 Watt) Manuf: ALCON LIGHTING Model: 9013 CATANIA	EA	4	0%	4
		Utility				
		Pipe				
		Storm Drain Pipe				
75		(18" Dia) HDPE Storm Drain Pipe	LF	616	5%	647
76		(12" Dia) HDPE Storm Drain Pipe	LF	665	5%	698
77		(8" Dia) HDPE Storm Drain Pipe	LF	158	5%	166
78		(6" Dia) HDPE Storm Drain Pipe	LF	222	5%	233
79		(4" Dia) PERF Strom Drain Pipe	LF	860	5%	903
		Fire Water Pipe				
80		(8" Dia) Fire Water Line	LF	2112	5%	2218
		Water Pipe				
81		(4" Dia) Water Line	LF	1548	5%	1625
82		(2" Dia) Water Line	LF	409	5%	429
		Trench Drain				
83		(4" Dia) Trench Drain	LF	24	5%	25
		Waste Pipes (Cast Iron)				
84		(6" Dia) Sanitary Pipe	LF	1757	5%	1845
85		(2" Dia) FV Pipe	LF	33	5%	35
86		(4" Dia) GS Pipe	LF	44	5%	46
87		(2" Dia) Sanitary Pipe	LF	163	5%	171
88		(4" Dia) Sanitary Pipe	LF	805	5%	845
		Domestic Pipes (Hard Drawn Copper Tube Type L)				
89		(2" Dia) Cold Water Pipe	LF	1979	5%	2078
90		(1" Dia) Cold Water Pipe	LF	126	5%	132
		Gas Pipe (Schedule 40 Polyethylene)				
91		(3" Dia) Gas Pipe	LF	1079	5%	1133
92		Grease Interceptor (2000 GAL) Model: JP2000G	EA	1	0%	1
93		Septic Tank (22000 GAL)	EA	2	0%	2
94		(6" Dia) Floor Cleanout	EA	1	0%	1
95		(2" Dia) Wall Cleanout	EA	1	0%	1
96		Suggest Septic Pump	EA	1	0%	1
97		(45*) Bend	EA	40	0%	40

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98	C1.0-IRI1.0	(90*) Bend	EA	8	0%	8
99		Tee	EA	23	0%	23
		Connection				
		Water Valve				
100		4" Dia Water Valve	EA	13	0%	13
101		8" Dia Fire Water Valve	EA	17	0%	17
		Main Connection				
102		4" Dia Water Main Connection	EA	3	0%	3
103		8" Dia Fire Water Connection	EA	2	0%	2
		Fire Hydrant				
104		8" Dia Fire Hydrant	EA	7	0%	7
		Velocity Dissipator				
105		8" Dia Velocity Dissipator	EA	1	0%	1
106		6" Dia Velocity Dissipator	EA	2	0%	2
107		12" Dia Velocity Dissipator	EA	3	0%	3
108		18" Dia Velocity Dissipator	EA	5	0%	5
		Drop Inlet				
109		(12"x12") Drop Inlet	EA	6	0%	6
110		(18"x18") Drop Inlet	EA	5	0%	5
111		(24"x24") Drop Inlet	EA	4	0%	4
		Main Hole				
112		(48" Dia Storm Drain Main Hole	EA	3	0%	3
		Irrigation				
		Irrigation Pipe (PVC)				
113		(1" Dia) 40 PVC Lateral Pipe	LF	8271	5%	8685
114		(1 1/2" Dia) 40 PVC Mainline Pipe	LF	1265	5%	1328
115		(1 1/2" Dia) 40 PVC Mainline Quick couplers Pipe	LF	1568	5%	1646
116		(1" Dia) Sleeve Pipe	LF	647	5%	679
		Connection				
		Drip Flush out				
117		(1" Dia) Drip Flush out	EA	127	0%	127
		Valve Box				
118		8" Round Black Valve Box	EA	127	0%	127
		Tubing				
119		Blank Tubing	EA	127	0%	127
		Connector				
120		Connector	EA	127	0%	127
		Cobra Connector				
121		Cobra Connector 18" Length	EA	127	0%	127
		Valve				
122		Ball Valve	EA	127	0%	127
		Drip Transition				
123		(1" Dia) Drip Transition	EA	127	0%	127
		Valve Box				
124		Valve Box	EA	127	0%	127
		PVC Tee				
125		Tee PVC To Poly Tubing	EA	127	0%	127
		Nipple				

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126		Nipple 40 Length As Required	EA	127	0%	127
		PVC Lateral				
127		PVC Lateral	EA	127	0%	127
		PVC Tee				
128		PVC Tee	EA	127	0%	127
		Drip Valve				
129		(1" Dia) Drip Valve Manf: Hunter	EA	20	0%	20
		Controller				
130		Coiled Wire Controller	EA	20	0%	20
		Water Proof Splice				
131		Water Proof Splice	EA	20	0%	20
		PVC Slip				
132		PVC Sli X LFP Union	EA	20	0%	20
		Nipple				
133		SCH 80 Close Nipple	EA	20	0%	20
		Regulator				
134		Pressure Regulator	EA	20	0%	20
		Clearance				
135		2" Min Clearance	EA	20	0%	20
		Filter				
136		Filter	EA	20	0%	20
		Valve				
137		Remote Control Valve	EA	20	0%	20
138		Isolation Valve	EA	20	0%	20
		Box				
139		Valve Box	EA	20	0%	20
		Strainer				
140		Y (1" Dia) Y-Strainer Manf: Wilkins Model: SXL	EA	1	0%	1
		Regulator Valve				
141		P (1"Dia) Pressure Regulator Valve Manf: Watts Model: LFN	EA	1	0%	1
		Master Valve				
142		M (1" Dia) Master Valve Manf: Buckner Model: 3200	EA	1	0%	1
		Flow Sensor				
143		F (1" Dia) Flow Sensor Manf: Hunter Model: HC-Flow Meter	EA	1	0%	1
		Quick Coupler				
144		Q (1" Dia) Quick Coupler Manf: Hunter Model: HQ-44-LRC	EA	31	0%	31

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		Valve				
145		Coupling Vale	EA	31	0%	31
		Valve Box				
146		Valve Box 8" Round	EA	31	0%	31
		Nipple				
147		Nipple	EA	31	0%	31
		Tee				
148		PVC Tee	EA	31	0%	31
		Isolation Valve				
149		G (1" Dia) Isolation Valve Manf: Nibco Model: T-113 Gate Valve	EA	31	0%	31
		Controller				
150		C (1" Dia) Controller Manf: Hunter Model: Pro-HC	EA	1	0%	1
		Landscape				
		Plant				
151		Trident Maple	EA	12	0%	12
152		Paperbark Maple Size: 1.5" CAL	EA	4	0%	4
153		Dr. Hurd Common Manzanita Size: 15 GAL	EA	27	0%	27
154		Deodar Cedar Size: 24"	EA	6	0%	6
155		Cedar Of Lebanon Size: 24"	EA	2	0%	2
156		China Snow Chinese Fringe Tree Size: 15 GAL	EA	2	0%	2
157		Cupressus Or Thuja Size: 15' HT	EA	4	0%	4
158		Presimmon Size: 15 GAL	EA	12	0%	12
159		Maidenhair Tree Size: 24"	EA	8	0%	8
160		Yulan Magnolia Size: 15 GAL	EA	9	0%	9
161		Japanese Plum Size: 15 GAL	EA	12	0%	12
162		California Black Oak Size: 15 GAL	EA	13	0%	13
163		Valley Oak Size: 15 GAL	EA	60	0%	60
164		Southern Live Oak Size: 36"	EA	18	0%	18
165		Oracle Oak Size: 15 GAL	EA	9	0%	9
166		Coast Live Interior Live Canyon Size: 15 GAL	EA	77	0%	77

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167		Weeping Willow Size: 15 GAL	EA	2	0%	2
168		Coast Redwood Size: 15 GAL	EA	11	0%	11
169		Japanese Snowbell Size: 15 GAL	EA	3	0%	3
170		Silver Linden Size: 2" CAL	EA	5	0%	5
171		Japanese Zelkova Size: 2" CAL	EA	2	0%	2
		Shrubs				
172		Vine Maple	EA	4	0%	4
173		Common Yarrow Size: 1 GAL	EA	123	0%	123
174		Tom's Point Kinnikinnick	EA	20	0%	20
175		Pacific Mist Manzanita Size: 1 GAL	EA	45	0%	45
176		Foothill Sedge Size: 1 GAL	EA	232	0%	232
177		Yerba Buena	EA	8	0%	8
178		Sago Palm Size: 1 GAL	EA	1	0%	1
179		Orange Carpet California Fuchsia Size: 1 GAL	EA	267	0%	267
180		Woodland Strawberry Size: 1 GAL	EA	50	0%	50
181		Seaview Improved Coffeeberry Size: 1 GAL	EA	95	0%	95
182		Gaura Size: 1 GAL	EA	9	0%	9
183		Wisley Pink/ Wisley Sunrose	EA	20	0%	20
184		Maratha Roderick Crevice Alumroot	EA	91	0%	91
185		Canyon Snow Iris Size: 1 GAL	EA	83	0%	83
186		Revolutum Italian Jasmine Size: 5 GAL	EA	13	0%	13
187		Blue Pacific Shore Juniper Size: 1 GAL	EA	1	0%	1
188		Breeze Mat Rush Size: 1GAL	EA	3	0%	3
189		Eulalia Grass Size: 1 GAL	EA	81	0%	81
190		Dwarf Common Myrtle	EA	10	0%	10
191		Delavayi Osmanthus Size: 5 GAL	EA	36	0%	36
192		Siskiyou Beauty Pacific Ninebark	EA	8	0%	8
193		Lady Banksia Rose Size: 1 GAL	EA	1	0%	1
194		Summer Song Sub Alpine Spirea	EA	24	0%	24

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195		Creeping Snowberry Size: 1 GAL	EA	25	0%	25
196		Mundi Coast Rosemary Size: 1 GAL	EA	47	0%	47
197		Gaint Chain Fern	EA	72	0%	72
		Ground Cover				
198		Kinnikinnick	SF	15901	5%	16696
199		California Field Sedge	SF	3272	5%	3436
200		Foothill Sedge	SF	2920	5%	3066
201		Elymus, Hordeum Brachyantherum	SF	12012	5%	12613
202		Red Fecue	SF	8893	5%	9338
203		Nassella Pulchra	SF	125862	5%	132155
		Erosion Control				
204		Stockpile	SF	3775	5%	3964
205		Straw Mulch, Hydroseed	SF	257898	5%	270793
206		Stabilized Construction Entrance	SF	832	5%	874
207		Concrete Washout	SF	120	5%	126
208		SE-5 Fiber Roll With Gravel Bag	LF	3440	5%	3612
		Silt Fence				
209		Silt Fence Fabric (6'-0" H) Wood Post @ 10' OC (205 EA) (1-1/6" Dia, 1"x1/2") Staple @ 8" OC	LF	2048	5%	2150
		Fabric				
210		Silt Fence Fabric	SF	12288	5%	12902
		Staple				
211		(1-1/6" Dia, 1"x1/2") Staple @ 8" OC	EA	820	0%	820
		Trenching				
212		Cut	CY	7755	5%	8143
213		Fill	CY	5815	5%	6106
		Grading				
214		Cut	CY	32600	5%	34230
215		Fill	CY	58900	5%	61845
216		Soil Import	CY	26300	5%	27615
		Excavations				
217		Excavations @ Footings	CY	7145	5%	7502

DIVISION 03- CONCRETE						
		Foundations				
		Buddha Hall				
		Grade Beam				
218		(24"X48") Grade Beam (3642 LF) W/ 35#8 Conti. Bars	CY	1079.11	5%	1133
		Pad Footings				
219		(10'-0"x10'-0"x24") Concrete Pad Footing (54 EA) W/ 12#6 E.W	CY	400.00	5%	420

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220		(13'-0"x13'-0"x24") Concrete Pad Footing (12 EA0 W/ 13#7 E.W	CY	150.22	5%	158
221		(15'-0"x15'-0"x30") Concrete Pad Footing (6 EA) W/ 17#7 E.W	CY	125.00	5%	131
222		(19'-0"x19'-0"x36") Concrete Pad Footing (4 EA) W/ 19#8 E.W	CY	160.44	5%	168
223		(21'-0"x21'-0"x42") Concrete Pad Footing (4 EA) W/ 25#8 E.W	CY	228.67	5%	240
		Slab				
224		Slab On Grade (50367 SF) 5" Concrete Slab W/ #4 Bars @ 18" O.C E.W 2" Rigid Insulation 15 Vapor Barrier 5" Of 3/4" Crushed Rock Compacted Fill	CY	615.60	5%	646
		Main Gate				
		Slab				
225		Slab On Grade (19809 SF) 24" Concrete Slab W/ #5 Bars @ 18" O.C E.W T&B 15 Mil Membrane 4" Aggregate Base Compacted Soil	CY	1467.33	5%	1541
		Pier Footings				
226		(42" Dia) Concrete Pier Footing (10'-0" H, 8 EA) W/ 8#4 Vertical Bars , #3 Ties @ 12" O.C	CY	28.44	5%	30
227		(36" Dia) Concrete Pier Footing (5'-0" H, 200 EA) W/ 6#4 Vertical Bars , #3 Ties @ 12" O.C	CY	262.96	5%	276
228		(36" Dia) Concrete Pier Footing (5'-6" H, 28 EA) W/ 6#4 Vertical Bars , #3 Ties @ 12" O.C	CY	40.50	5%	43
		Bell & Drum				
		Wall Footings				
229		(18"x24") Concrete Wall Footing (117 LF) W/ 2#4 Bars Cont.	CY	13.00	5%	14
		Pier Footings				
230		(36" Dia) Concrete Pier Footing (5'-6" H, 12 EA)	CY	17.36	5%	18
		Deck Concrete				
231		2" Thick Light Weight Concrete Over Floor Deck	CY	1.68	5%	2
		Slab				
232		Slab On Grade (1803 SF) 4" Concrete Slab W/ #4 Bars @ 18" O.C E.W 10 Vapor Barrier 4" Crushed Rock Compacted Fill	CY	22.04	5%	23
		Dharma Hall				
		Pad Footings				

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
233		(10'-0"x10'-0"x24") Concrete Pad Footing (36 LF) W/ 12#6 E.W	CY	266.67	5%	280
234		(13'-0"x13'-0"x24") Concrete Pad Footing (10 LF) W/ 13#7 E.W	CY	125.19	5%	131
235		(13'-0"x13'-0"x30") Concrete Pad Footing (4 EA) W/ 15#7 E.W	CY	62.59	5%	66
		Grade Beam				
236		(24"X48") Grade Beam (2242 LF) W/ 35#8 Conti. Bars	CY	664.30	5%	698
		Slab				
237		Slab On Grade (22619 SF) 5" Concrete Slab W/ #4 Bars @ 18" O.C E.W 2" Rigid Insulation 15 Vapor Barrier 5" Of 3/4" Crushed Rock Compacted Fill	CY	368.61	5%	387
		Dining Hall				
		Pad Footings				
238		(10'-0"x10'-0"x24") Concrete Pad Footing (10 EA) W/ 12#6 E.W	CY	74.07	5%	78
239		(13'-0"x13'-0"x24") Concrete Pad Footing (6 EA) W/ 13#7 E.W	CY	75.11	5%	79
240		(15'-0"x15'-0"x30") Concrete Pad Footing (12 EA) W/ 17#7 E.W	CY	250.00	5%	263
241		(19'-0"x19'-0"x36") Concrete Pad Footing (6 EA) W/ 19#8 E.W	CY	240.67	5%	253
		Grade Beam				
242		(24"X48") Grade Beam (1975 LF) W/ 35#8 Conti. Bars	CY	579.85	5%	609
		Slab				
243		Slab On Grade (28290 SF) 5" Concrete Slab W/ #4 Bars @ 18" O.C E.W 2" Rigid Insulation 15 Vapor Barrier 5" Of 3/4" Crushed Rock Compacted Fill	CY	461.02	5%	484
		Men Restrooms				
		Pier Footings				
244		(36" Dia) Concrete Pier Footing (8'-6" H, 9 EA) W/ 6#4 Vertical Bars , #3 Ties @ 12" O.C	CY	20.12	5%	21
245		(36" Dia) Concrete Pier Footing (7'-6" H, 5 EA) W/ 6#4 Vertical Bars , #3 Ties @ 12" O.C	CY	9.86	5%	10

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
		Pad Footings				
246		(1'-6"x1'-6"x1'-0") Concrete Pad Footing (3 EA) W/ 4#4 E.W	CY	0.25	5%	0
247		(2'-0"x2'-0"x1'-0") Concrete Pad Footing (14 EA) W/ 5#4 E.W	CY	2.07	5%	2
248		(2'-6"x2'-6"x1'-0") Concrete Pad Footing (10 EA) W/ 4#4 E.W	CY	2.31	5%	2
		Wall Footings				
249		(12"x12") Concrete Wall Footing (357 LF) W/ #2 Cont. Bars	CY	13.22	5%	14
250		(15"x18") Concrete Wall Footing (58 LF) W/ #2 Cont. Bars	CY	4.64	5%	5
		Slab				
251		Slab On Grade (4713 SF) 4" Concrete Slab W/ #4 Bars @ 18" O.C E.W 10 Vapor Barrier 4" Crushed Rock Compacted Fill	CY	57.60	5%	60
		Women Restrooms				
		Pier Footings				
252		(36" Dia) Concrete Pier Footing (8'-6" H, 8 EA) W/ 6#4 Vertical Bars , #3 Ties @ 12" O.C	CY	17.88	5%	19
253		(36" Dia) Concrete Pier Footing (7'-6" H, 6 EA) W/ 6#4 Vertical Bars , #3 Ties @ 12" O.C	CY	11.83	5%	12
		Pad Footings	CY		5%	
254		(2'-0"x2'-0"x1'-0") Concrete Pad Footing (7 EA) W/ 5#4 E.W	CY	1.04	5%	1
255		(2'-6"x2'-6"x1'-0") Concrete Pad Footing (13 EA) W/ 4#4 E.W	CY	3.01	5%	3
256		(3'-0"x3'-0"x1'-0") Concrete Pad Footing (2 EA) W/ 6#4 E.W	CY	0.67	5%	1
		Wall Footings				
257		(12"x12") Concrete Wall Footing (355 LF) W/ #2 Cont. Bars	CY	13.15	5%	14
258		(15"x18") Concrete Wall Footing (38 LF) W/ #2 Cont. Bars	CY	3.04	5%	3
		Slab				
259		Slab On Grade (4713 SF) 4" Concrete Slab W/ #4 Bars @ 18" O.C E.W 10 Vapor Barrier 4" Crushed Rock Compacted Fill	CY	57.60	5%	60

Building Data Summary	
Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisions format
Date:	December 07, 2024




VERACITY
ESTIMATING
 Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
DIVISION 05- METAL						
		Framing				
		Buddha Hall				
		Holdowns				
260		YMJ1 Anchor Bolts	EA	12	0%	12
261		YMJ2 Anchor Bolts	EA	48	0%	48
262		YMJ3 Anchor Bolts	EA	19	0%	19
		Steel Columns				
263		B20.0x1 GZ1 Steel Column (10'-0" H, 8 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	80	5%	84
264		B20.0x1 GZ1 Steel Column (30'-0" H, 4 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	120	5%	126
265		HSS 18x0.8 GZ2 Steel Column (18'-0" H, 42 EA) W/ (3/4" Dia Bolt @ 8" O.C) -30"x30"x1" Base (4) 1" Diax27" Bolt & 7/8" Cap Plate	LF	756	5%	794
266		HSS 18x0.8 GZ2 Steel Column (30'-0" H, 6 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	180	5%	189
267		HSS 32x1.2 GZ3 Steel Column (10'-0" H, 6 EA) W/ (3/4" Dia Bolt @ 8" O.C) -44"x44"x1 1/4" Base (4) 1 1/2" Diax33" Bolt & 7/8" Cap Plate	LF	60	5%	63
268		HSS 20x1.2 GZ4 Steel Column (10'-0" H, 6 EA) W/ (3/4" Dia Bolt @ 8" O.C) -32"x32"x1 1/4" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	60	5%	63
269		HSS 20x1.2 GZ4 Steel Column (18'-0" H, 6 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	108	5%	113
270		HSS 20x1.2 GZ4 Steel Column (30'-0" H, 2 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	60	5%	63
		Steel Beam				
271		W12x72 Steel Beam (1346 LF)	Lbs.	16152	5%	16960
272		W10x68 Steel Beam (3570 LF)	Lbs.	35700	5%	37485
273		W21x62 Steel Beam (525 LF)	Lbs.	11025	5%	11576
274		W24x76 Steel Beam (1367 LF)	Lbs.	32808	5%	34448
275		W24x104 Steel Beam (879 LF)	Lbs.	20880	5%	21924
276		W21x101 Steel Beam (199 LF)	Lbs.	4179	5%	4388
277		HSS 16x16x0.625" Steel Beam (1561 LF)	Lbs.	24976	5%	26225
278		HSS 12x12x0.625" Steel Beam (1214 LF)	Lbs.	14568	5%	15296
279		HSS 32x1.2 Steel Beam (75 LF)	Lbs.	2400	5%	2520
280		HSS 20x1.2 Steel Beam (38 LF)	Lbs.	760	5%	798
		Connections				
281		Pin Connections (2) Stiffener EA As Flange Size 1/2" Thick Steel Plate W/ (4)-3/4" Dia Bolts	EA	342	0%	342
		Deck				

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
282		Corrugated Metal Deck	SF	82306	5%	86421
		Dharma Hall				
		Holdowns				
283		YMJ1 Anchor Bolts	EA	40	0%	40
284		YMJ2 Anchor Bolts	EA	10	0%	10
		Steel Columns				
285		B24.0x1 GZ1 Steel Column (10'-0" H, 24 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	240	5%	252
286		B24.0x1 GZ1 Steel Column (15'-0" H, 16 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	240	5%	252
287		HSS18x0.8 GZ2 Steel Column (15'-0" H, 10 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	150	5%	158
		Steel Beam Members				
288		W10x77 Steel Beam (1339 LF)	Lbs.	13390	5%	14060
289		W24x76 Steel Beam (746 LF)	Lbs.	17904	5%	18799
290		W27x146 Steel Beam (611 LF)	Lbs.	16497	5%	17322
291		W24x104 Steel Beam (1709 LF)	Lbs.	41016	5%	43067
292		W27x146 Steel Beam 129 LF)	Lbs.	3483	5%	3657
293		W18x60 Steel Beam (1057 LF)	Lbs.	19026	5%	19977
		Connections				
		Pin Connections				
294		(2) Stiffener EA -As Flange Size 1/2" Thick Steel Plate W/ (4)-3/4" Dia Bolts	EA	236	0%	236
295		Fix Connections	EA	306	0%	306
		Deck				
296		Corrugated Metal Deck	SF	33755	5%	35443
		Dining Hall				
		Steel Columns				
297		B 23.5x1.1 GZ1 Steel Column (17'-0" H, 14 EA) W/ (3/4" Dia Bolt @ 8" O.C) -35.5"x35.5"x1 1/4" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	238	5%	250
298		B 23.5x1.1 GZ1 Steel Column (10'-0" H, 8 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	80	5%	84
299		B 24x1.3 GZ2 Steel Column (10'-0" H, 2 EA) W/ (3/4" Dia Bolt @ 8" O.C) -36"x36"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	20	5%	21
300		HSS 22x1 GZ4 Steel Column (17'-0" H, 2 EA) W/ (3/4" Dia Bolt @ 8" O.C) -34"x34"x1 1/4" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	34	5%	36
301		HSS 16x0.625 GZ3 Steel Column (17'-0" H, 8 EA) W/ (3/4" Dia Bolt @ 8" O.C) -28"x28"x1 1/4" Base (4) 1 1/4" Diax30" Bolt & 7/8" Cap Plate	LF	136	5%	143
		Steel Beam Members				
302		W24x94 Steel Beam (2282 LF)	Lbs.	2282	5%	2396

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisions format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
303		W24x68 Steel Beam (365 LF)	Lbs.	365	5%	383
304		W24x104 Steel Beam (731 LF)	Lbs.	731	5%	768
305		W27x129 Steel Beam (120 LF)	Lbs.	120	5%	126
306		W30x124 Steel Beam (291 LF)	Lbs.	291	5%	306
307		W10x77 Steel Beam (1068 LF)	Lbs.	1068	5%	1121
308		W10x88 Steel Beam (300 LF)	Lbs.	300	5%	315
309		B29x11x0.75x1 Steel Beam (73 LF)	LF	73	5%	77
310		HSS12x6x0.625 Steel Beam (603 LF)	Lbs.	40763	5%	42801
		Connections				
		Pin Connections				
311		(2) Stiffener -As Flange Size 1/2" Thick Steel Plate W/ (4)-3/4" Dia Bolts	EA	100	0%	100
312		Fix Connections	EA	260	0%	260
		Deck				
313		Corrugated Metal Deck	SF	45181	5%	47440
		Main Gate				
		Steel Columns				
314		HSS 12"x12"x1/2" Steel Column (21' H, 8 EA) -30"x30"x1 1/2" Base (4) 1 1/4" Diax30" Bolt & 3/4" Cap Plate	Lbs.	12752	5%	13390
315		HSS 6"x6"x3/8" Steel Column (18' H, 199 EA) -12"x12"x1/2" Base (4) 1 1/4" Diax30" Bolt & 3/4" Cap Plate	Lbs.	98147	5%	103054
316		HSS 6"x6"x1/2" Steel Column (18' H, 16 EA) -12"x12"x1/2" Base (4) 1 1/4" Diax30" Bolt & 3/4" Cap Plate	Lbs.	10109	5%	10614
		Bell & Drum				
		1st Floor Framing				
		Holdowns				
317		HDU2 Anchor Bolts	EA	28	0%	28
		Steel Columns				
318		HSS 6x6x3/8" Steel Column (15' H, 24 EA)	Lbs.	9864	5%	10357
		Roof Framing				
		Steel Columns				
319		HSS 4x4x1/4" Steel Column (11' H, 26 EA) -4x10x1/4" Steel Pate Top & Botti. W/ 4-3/8" Dia Bolt	Lbs.	3490	5%	3665
		Steel Beams				
320		HSS 4x8x1/4" Steel Beam (153 LF)	Lbs.	2907	5%	3052
321		W10x33 (32 LF)	Lbs.	320	5%	336
		Men Restrooms				
		Holdowns				
322		HDU5 Anchor Bolts	EA	14	0%	14
323		HDU8 Anchor Bolts	EA	12	0%	12
		Steel Columns				
324		HSS 4x4x1/4" Steel Column (12' H, 53 LF)	Lbs.	15958	5%	16756
325		HSS 8x8x5/8" Steel Column (12' H, 14 LF)	Lbs.	19858	5%	20851
326		HSS 4x4x1/4" King Posts (8' H, 5 EA)	Lbs.	976	5%	1025
		Steel Headers				
327		600S162-68 2 Boxed Header (54 LF)	Lbs.	482	5%	506
328		600S162-54 2 Boxed Header (21 LF)	Lbs.	171	5%	180
329		600S162-43 Header (7 LF)	Lbs.	31	5%	33
330		HSS 4x4x1/4" Header (96 LF)	Lbs.	2270	5%	2384
331		HSS 4x8x1/4" Header (120 LF)	Lbs.	14184	5%	14893

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
		Women Restrooms				
		Holdowns				
332		HDU2 Anchor Bolts	EA	4	0%	4
333		HDU5 Anchor Bolts	EA	29	0%	29
334		HDU8 Anchor Bolts	EA	1	0%	1
		Steel Columns				
335		HSS 4x4x1/4" Steel Column (12' H, 56 EA)	Lbs.	15958	5%	16756
336		HSS 8x8x5/8" Steel Column (12' H, 14 EA)	Lbs.	19858	5%	20851
337		HSS 4x4x1/4" King Posts (8' H, 5 EA)	Lbs.	976	5%	1025
		Steel Headers				
338		600S162-68 2 Boxed Header (48 LF)	Lbs.	482	5%	506
339		600S162-54 2 Boxed Header (24 LF)	Lbs.	171	5%	180
340		600S162-43 Header (3 LF)	Lbs.	31	5%	33
341		HSS 4x4x1/4" Header (90 LF)	Lbs.	2270	5%	2384
342		HSS 4x8x1/4" Header (120 LF)	Lbs.	14184	5%	14893
		Main Gate				
		Railing				
		Cloister Floor				
343		(36" H) Guard Rail	LF	496	5%	521
344		(42" H) Guard Rail	LF	52	5%	55
		Bell Tower				
		Railing				
345		(42" H) Guard Rail	LF	46	5%	48
		Drum Tower				
		Railing				
346		(42" H) Guard Rail	LF	46	5%	48
		Hardware's				
		Main Gate				
347		MST48 Straps	LF	207	5%	217
348		HST2	EA	460	0%	460
349		H2.5A	EA	326	0%	326
350		HRC44 Connectors	EA	22	0%	22
		Bell & Drum				
351		H2.5	EA	28	0%	28
352		H2.5A	EA	74	0%	74
353		HHUS Simpsons	EA	24	0%	24
354		LTP4 Clips	EA	66	0%	66
355		ST18 Straps	LF	94	0%	94
		Men Restrooms				
356		MST48 Straps	LF	22	5%	23
357		HST2	EA	72	0%	72
358		H2.5A	EA	68	0%	68
359		HRC44 Connectors	EA	8	0%	8
		Women Restrooms				
360		MST48 Straps	LF	14	5%	15
361		HST2	EA	72	0%	72
362		H2.5A	EA	68	0%	68
363		HRC44 Connectors	EA	8	0%	8

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
DIVISION 06- WOOD, PLASTIC & COMPOSITES						
		Framing				
		Main Gate				
		Beams & Headers				
364		4x10 Header	LF	1994	5%	2094
365		5 1/4" x 11 7/8" LVL	LF	80	5%	84
366		3 1/2" x14" LVL	LF	102	5%	107
367		5 1/4" x 18" LVL	LF	99	5%	104
368		5 1/4" x 22" LVL	LF	42	5%	44
369		3 1/2" x 9 1/2" LVL	LF	391	5%	411
370		3 1/2" x16" LVL	LF	91	5%	96
371		3 1/2" x11 7/8" LVL	LF	1292	5%	1357
372		3 1/2" x 9 1/2" LVL	LF	112	5%	118
		Posts				
373		4x6 king Posts (6' H, 3 EA) A35 @ 2 Sides PCC44 Base Plate & PC Cap Plate	LF	18	5%	19
374		4x4 king Posts (6' H, 66 EA) PCC44 Base Plate & PC Cap Plate	LF	396	5%	416
		Joists				
375		2X10 Ceiling Joists @ 16" O.C (11822 SF)	LF	8888	5%	9332
		Rafters				
376		2X10 Roof Rafters @ 16" O.C (19536 SF)	LF	14690	5%	15425
		Roof Sheathing				
377		1/2" Plywood Sheathing W/ 8d Nails 6/12 Max	SF	19536	5%	20513
		Blocking				
378		2x4 Blocking	LF	2955	5%	3103
379		2x4 Collar Tie	LF	4885	5%	5129
		Bell & Drum				
		1st Floor Framing				
		Beams & Headers				
380		5 1/4" x 9 1/2" LVL	LF	162	5%	170
381		3 1/2" x11 7/8" LVL	LF	111	5%	117
382		3 1/2" x9 1/2" LVL	LF	23	5%	24
383		HFX 21x14	LF	41	5%	43
384		3 1/2" x11 7/8" LVL Hip	LF	47	5%	49
		Posts				
385		4x6 king Posts (4' H, 6 EA)	LF	24	5%	25
		Joists				
386		2X12 Floor Joists @ 12" O.C (287 SF)	LF	283	5%	297
		Rafters				
387		2X8 Roof @ 16" O.C (1278 SF)	LF	962	5%	1010
		Floor Sheathing				
388		3/4" T&G Plywood Sheathing	SF	14690	5%	15425
		Blocking				
389		2x4 Blocking	LF	73	5%	77
390		2x4 Collar Tie	LF	2733	5%	2870
		Roof Framing				
		Beams & Headers				

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
391		5 1/4" x 9 1/2" LVL	LF	124	5%	130
392		HFX 24x10	LF	106	5%	111
		Rafters				
393		2X10 Roof Rafters @ 16" O.C (1231 SF)	LF	919	5%	965
		Sheathing				
394		1/2" OSB Plywood Sheathing W/ 8d Nails 6/12 Max	SF	1231	5%	1293
		Blocking				
395		2x4 Blocking	LF	256	5%	269
396		2x4 Collar Tie	LF	310	5%	326
		Men Restrooms				
		Beams				
397		3 1/2" x 14" LVL Beam	LF	81	5%	85
398		3 1/2" x9 1/2" LVL Beam	LF	85	5%	89
399		3 1/2" x 11 17/8" LVL Beam	LF	162	5%	170
400		4x10 Beam	LF	42	5%	44
		Posts				
401		4x4 King Post (8' H, 5 EA)	EA	5	0%	5
		Joists				
402		2x10 DF#2 Ceiling Joist @ 16" O.C (5217 SF)	LF	3924	5%	4120
		Rafters				
403		2X10 Roof Rafters @ 16" O.C (6673 SF)	LF	5019	5%	5270
		Sheathing				
404		1/2" OSB Plywood Sheathing W/ 8d Nails 6/12 Max	SF	6673	5%	7007
		Blocking				
405		2x4 Blocking	LF	1305	5%	1370
406		2x4 Collar Tie	LF	1670	5%	1754
		Women Restrooms				
		Beams				
407		3 1/2" x 14" LVL Beam	LF	81	5%	85
408		3 1/2" x9 1/2" LVL Beam	LF	85	5%	89
409		3 1/2" x 11 17/8" LVL Beam	LF	162	5%	170
410		4x10 Beam	LF	42	5%	44
		Posts				
411		4x4 King Post (8' H, 2 EA)	LF	2	5%	2
		Joists				
412		2x10 DF#2 Ceiling Joist @ 16" O.C (5209 SF)	LF	3918	5%	4114
		Rafters				
413		2X10 Roof Rafters @ 16" O.C (6668 SF)	SF	6668	5%	7001
		Sheathing				
414		1/2" OSB Plywood Sheathing W/ 8d Nails 6/12 Max	SF	6668	5%	7001
		Blocking				
415		2x4 Blocking	LF	1304	5%	1369
416		2x4 Collar Tie	LF	1660	5%	1743
		Millwork				
		Buddha				
417		(2' W-7'-0") Book Cases TBD	LF	120	5%	126
		Dining				
418		(56"x24") Cabinets Table	EA	1	5%	1
419		(2'-0"x 2'-10") Vanity Cabinet	EA	2	5%	2
420		(3'-0"Hx1'-0"W) Upper Cabinets	EA	6	5%	6

Building Data Summary	
Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024




VERACITY
ESTIMATING
 Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
421		(2'-10"H x 2'-0") Lower Cabinets	EA	5	5%	5
422		(6'-5"x 5'-3") Employees Locker (6-Tiers in one Row)	EA	1	5%	1

DIVISION 07- THERMAL & MOISTURE PROTECTION

		Roofing				
		Main Gate				
423		Clay Roof Tile	SF	19817	5%	20808
424		Waterproofing Membrane	SF	19817	5%	20808
425		(2x-) Wood Fascia	LF	2471	5%	2595
426		25 Ga. Counter Flashing	LF	2471	5%	2595
427		(2'-0" W) GFRC Panel Soffit	SF	4942	5%	5189
		Flashing				
428		Ridge Flashing	LF	1149	5%	1206
429		Hip Flashing	LF	101	5%	106
430		Valley Flashing	LF	192	5%	202
		Bell Tower				
431		Clay Tile Roofing	SF	1556	5%	1634
432		Water Resistive Barrier	SF	1556	5%	1634
433		(2x-) Wood Fascia	LF	239	5%	251
434		25 Ga. Counter Flashing	LF	239	5%	251
435		(2'-0" W) GFRC Panel Soffit	SF	578	5%	607
		Flashing				
436		Hip Flashing	LF	145	5%	152
		Flashing				
437		Door Flashing	LF	23	5%	24
		Drum Tower				
438		Clay Tile Roofing	SF	1556	5%	1634
439		Water Resistive Barrier	SF	1556	5%	1634
440		(2x-) Wood Fascia	LF	239	5%	251
441		25 Ga. Counter Flashing	LF	239	5%	251
442		(2'-0" W) GFRC Panel Soffit	SF	578	5%	607
		Flashing				
443		Hip Flashing	LF	145	5%	152
		Flashing				
444		Door Flashing	LF	23	5%	24
		Buddha Hall				
445		Deco Piece	LF	166	5%	174
446		Deco Tile	LF	166	5%	174
447		Ridge Tile	LF	83	5%	87
448		Spacer Tiles	LF	166	5%	174
449		Hip Cap Tile	LF	669	5%	702
450		Glazed Clay Roof Tile	SF	10852	5%	11395
		Paper				
451		#30 Felt Paper	SF	10852	5%	11395
		Fascia				
452		1' GFRC Fascia Board	LF	997	5%	1047
		Soffit				

Building Data Summary	
Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024




VERACITY
ESTIMATING
 Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
453	Ag-2.1 To Af-6.1	2'.5" GFRC Soffit By Suspense Grid System	SF	2493	5%	2618
		Cap				
454		4" Roof Tile Cap	LF	997	5%	1047
		Membrane				
455		TPO Water Proofing Membrane	SF	10852	5%	11395
		Insulation				
456		R-30 Batt Insulation	SF	10852	5%	11395
		Flashing				
457		Hip Flashing	LF	669	5%	702
458		Self-Adeheah Bitchme Paper Around Windows & Doors	LF	1417	5%	1488
		Dining Hall				
459		Deco Piece	LF	260	5%	273
460		Deco Tile	LF	260	5%	273
461		Ridge Tile	LF	130	5%	137
462		Spacer Tiles	LF	260	5%	273
463		Hip Tile Cap	LF	221	5%	232
464		Tile Ridge Cap	LF	315	5%	331
465		Glazed Clay Roof Tile	SF	30021	5%	31522
		Paper				
466		#30 Felt Paper	SF	30021	5%	31522
		Fascia				
467		1' GFRC Fascia Board	LF	983	5%	1032
		Soffit				
468		2'.5" GFRC Soffit By Suspense Grid System	SF	2458	5%	2581
		Cap				
469		4" Roof Tile Cap	LF	983	5%	1032
		Membrane				
470		TPO Water Proofing Membrane	SF	30021	5%	31522
		Insulation				
471		R-30 Batt Insulation	SF	30021	5%	31522
		Drain				
472		(4" Dia) Overflow Roof Drain	EA	10	0%	10
		Flashing				
473		Hip Tile Cap	LF	221	5%	232
474		26 GA G.I Flashing	SF	1050	5%	1103
475		Metal Channel Flashing	SF	1050	5%	1103
476		Self-Adeheah Bitchme Paper Around Windows & Doors	LF	921	5%	967
		Dharma Hall				
477		Ridge Tile	LF	337	5%	354
478		Deco Piece	LF	674	5%	708
479		Deco Tile	LF	674	5%	708
480		Spacer Tiles	LF	674	5%	708
481		Glazed Clay Roof Tile	SF	25311	5%	26577
		Paper				
482		#30 Felt Paper	SF	25311	5%	26577
		Fascia				
483		1' GFRC Fascia Board	LF	980	5%	1029

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
		Soffit				
484		2'.5" GFRC Soffit By Suspense Grid System	SF	5390	5%	5660
		Cap				
485		4" Roof Tile Cap	LF	980	5%	1029
		Membrane				
486		TPO Water Proofing Membrane	SF	25311	5%	26577
		Insulation				
487		R-30 Batt Insulation	SF	25311	5%	26577
		Flashing				
488		Hip Flashing	LF	328	5%	344
489		Valley Flashing	LF	116	5%	122
490		26 GA G.I Flashing	SF	1680	5%	1764
491		Metal Channel Flashing	SF	1680	5%	1764
492		Self-Adeheah Bitchme Paper Around Windows & Doors	LF	2495	5%	2620
		Women's Restroom				
493		Ridge Tile	LF	154	5%	162
494		Spacer Tiles	LF	308	5%	323
495		(1' H) Roof Tile Accessory Deco	LF	428	5%	449
496		Clay Roof Tile Over Roof Plywood Deck W STT Nailer/Rubber Washer	SF	6717	5%	7053
		Membrane				
497		Self Adhesive Water Proofing Membrane	SF	6717	5%	7053
		Insulation				
498		R-30 Batt Insulation	SF	6717	5%	7053
		Paper				
499		#30 Felt Paper	SF	25311	5%	26577
		Fascia				
500		(1'-3" H) GFRC Fascia Board	LF	568	5%	596
		Soffit				
501		(4' W) 5/8" Type X Gypsum Board Under Stucco	SF	2272	5%	2386
		Cap				
502		4" Roof Tile Cap	LF	568	5%	596
		Gutter				
503		Aluminum Gutter	LF	568	5%	596
		Flashing				
504		Metal Drip Flashing W Anti Ponding Strip	LF	568	5%	596
505		Self-Adeheah Bitchme Paper Around Windows & Doors	LF	1102	5%	1157
		Men's Restroom				
506		Ridge Tile	LF	154	5%	162
507		Spacer Tiles	LF	308	5%	323
508		(1' H) Roof Tile Accessory Deco	LF	428	5%	449
509		Clay Roof Tile Over Roof Plywood Deck W STT Nailer/Rubber Washer	SF	6717	5%	7053
		Membrane				
510		Self Adhesive Water Proofing Membrane	SF	6717	5%	7053
		Insulation				
511		R-30 Batt Insulation	SF	6717	5%	7053
		Paper				

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
512		#30 Felt Paper	SF	25311	5%	26577
		Fascia				
513		(1'-3" H) GFRC Fascia Board	LF	568	5%	596
		Soffit				
514		(4' W) 5/8" Type X Gypsum Board Under Stucco	SF	2272	5%	2386
		Cap				
515		4" Roof Tile Cap	LF	568	5%	596
		Gutter				
516		Aluminum Gutter	LF	568	5%	596
		Flashing				
517		Metal Drip Flashing W Anti Ponding Strip	LF	568	5%	596
518		Self-Adheah Bitchme Paper Around Windows & Doors	LF	1140	5%	1197

DIVISION 08- OPENINGS

		Doors				
		Bell Tower				
		1st Floor				
519		(6'-0"x8'-2") Hollow Metal Door w/ Hollow Metal Frame	EA	1	0%	1
		Door Hardware				
520		Hardware Sets @ Door	EA	1	0%	1
		Drum Tower				
		1st Floor				
521		(6'-0"x8'-2") Hollow Metal Door w/ Hollow Metal Frame	EA	1	0%	1
		Door Hardware				
522		Hardware Sets @ Door	EA	1	0%	1
		Buddha Hall				
523		(4'-0"x10'-0") Exterior Swing/ PR Aluminum Door W/ Frame	EA	6	0%	6
524		(3'-6"x10'-3") Exterior Swing/ PR Aluminum Door W/ Frame	EA	2	0%	2
525		(3'-0"x10'-0") Exterior Swing/ PR Aluminum Door W/ Frame	EA	8	0%	8
526		(4'-0"x13'-0") Exterior Swing/ PR Aluminum Door W/ Frame	EA	3	0%	3
527		(3'-0"x9'-0") Interior Swing/ PR Aluminum Door W/ Frame	EA	18	0%	18
528		(4'-0"x9'-0") Movable Partition Storage Closure Per Manufacture Specification (Fire Rated As Needed)	EA	4	0%	4
		Dining Hall				
529		(3'-0"x8'-0") Swing/ SG Cooler Freezer Box Per Manufacture Specification	EA	2	0%	2
530		(3'-0"x8'-0") Sliding/ SG Cooler Freezer Box	EA	1	0%	1
531		(3'-0"x10'-0") Exterior/ Swing/ PR Aluminum Door W/ Frame	EA	14	0%	14
532		(3'-0"x9'-0") Interior/ Swing/ SG P.Lam/ SC Door W/ Frame	EA	19	0%	19
533		(3'-0"x9'-0") Interior/ D Acting/ PR SST Panel Door W/ Frame	EA	2	0%	2
		Dharma Hall				
534		(3'-0"x10'-0" H) Glass Door W Frameless Frame	EA	2	0%	2
535		(3'-0"x9'-0" H) Glass Door W Frameless Frame	EA	2	0%	2
536		(3'-0"x10'-0" H) Aluminum Door W Aluminum Frame	EA	12	0%	12
537		(3'-0"x9'-0" H) Plastic Laminate / S.C Glass Door W Aluminum Frame	EA	28	0%	28
		Women's Restroom				
538		(3'-0"x8'-0") Aluminum Door W Aluminum Frame	EA	9	0%	9
539		(3'-0"x8'-0") Hollow Metal Door W Hollow Metal Frame	EA	1	0%	1

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024

**VERACITY**
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
		Men's Restroom				
540		(3'-0"x8'-0") Aluminum Door W Aluminum Frame	EA	10	0%	10
		Doors Hardware				
		Dining Hall				
		Group 1B (7 EA)				
541		OPERATING (7 EA) VON DUPRIN 50WDC	EA	1	0%	1
542		THRESHOLD 7 EA PEMKO S88	EA	1	0%	1
543		CLOSER NORTON 8581BF	EA	1	0%	1
544		EXIT INDICATOR ADAMS RITE 4089	EA	1	0%	1
545		CYCLINDER GUARD 7 EA ADAMS RITE MS4043	EA	1	0%	1
546		PULL VON DUPRIN 33A	EA	1	0%	1
547		CYCLINDER SCHLAGE 26-072	EA	1	0%	1
		Group 1A (7 EA)				
548		OPERATING ADAMS RITE MS1850S	EA	1	0%	1
549		THRESHOLD ADAMS RITE 4015	EA	1	0%	1
550		CLOSER 7 EA NORTON 8581BF	EA	1	0%	1
551		THRESHOLD PEMKO S88	EA	1	0%	1
552		CYCLINDER GUARD ADAMS RITE MS4043	EA	1	0%	1
553		EXIT INDICATOR ADAMS RITE 4089	EA	1	0%	1
554		CYCLINDER SCHLAGE 26-072	EA	1	0%	1

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
555		PULL Forms+Surface DT1011-30, DT1011-12	EA	1	0%	1
		Group 2A (1 EA)				
556		PULL Forms+Surface DT1011-30, DT1011-12	EA	1	0%	1
557		EXIT INDICATOR ADAMS RITE 4089	EA	1	0%	1
558		CYLINDER SCHLAGE 26-072	EA	1	0%	1
559		THRESHOLD PEMKO S88	EA	1	0%	1
560		CYLINDER GUARD ADAMS RITE MS4043	EA	1	0%	1
561		THRESHOLD ADAMS RITE 4015	EA	1	0%	1
562		CLOSER 7 EA NORTON 8581BF	EA	1	0%	1
563		OPERATING ADAMS RITE MS1850S	EA	1	0%	1
564		Header Bolt Adams Rite 4085	EA	1	0%	1
		Group 4 (17 EA)				
565		Operating SCHLAGE L9080	EA	1	0%	1
566		Stop Trimco W1276 CCS	EA	1	0%	1
567		BUTTS SOSS 450 T88	EA	1	0%	1
		Group 7A (2 EA)				
568		Operating SCHLAGE L9453	EA	1	0%	1
569		CLOSER 7 EA NORTON 8581BF	EA	1	0%	1

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
570		BUTTS SOSS 450 T88	EA	1	0%	1
571		Stop Trimco W1276 CCS	EA	1	0%	1
572		Seal Pemko S88	EA	1	0%	1
573		Bolts G.J FB8 OR FB7	EA	1	0%	1
574		Astragal Pemko 355 DS	EA	1	0%	1
575		Coordinator G.J COR2	EA	1	0%	1
		Dharma Hall				
		Set 2B (12 EA)				
576		Operating Manuf: VON DUPRIN Model: 55WDC	EA	12	0%	12
577		Threshold Bolt Manuf: ADAMS RITE Model: 4015	EA	12	0%	12
578		Header Bolt Manuf: ADAMS RITE Model: 485	EA	12	0%	12
579		Closer Manuf: NORTON Model: 8501BF	EA	12	0%	12
580		Threshold Manuf: PEMKO Model: 988	EA	12	0%	12
581		Cylinder Guard Manuf: ADAMS RITE Model: MS4043	EA	12	0%	12
582		Exit Indicator Manuf: ADAMS RITE Model: 4089	EA	12	0%	12
583		Cylinder Manuf: SCHLAGE Model: 20-072	EA	12	0%	12
584		Pull Manuf: VON DUPRIN Model: 33A	EA	12	0%	12
		Set 1B (4 EA)				

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
585		Operating Manuf: VON DUPRIN Model: 55WDC	EA	4	0%	4
586		Closer Manuf: NORTON Model: 8501BF	EA	4	0%	4
587		Threshold Manuf: PEMKO Model: 988	EA	4	0%	4
588		Cylinder Guard Manuf: ADAMS RITE Model: MS4043	EA	4	0%	4
589		Exit Indicator Manuf: ADAMS RITE Model: 4089	EA	4	0%	4
590		Cylinder Manuf: SCHLAGE Model: 20-072	EA	4	0%	4
591		Pull Manuf: VON DUPRIN Model: 33A	EA	4	0%	4
		Set 4 (22 EA)				
592		Operating Manuf: SCHLAGE Model: L9080	EA	22	0%	22
593		Butts Manuf: SOSS Model: 450 T88	EA	22	0%	22
594		Stop Manuf: TRIMCO Model: W1276 CCS	EA	22	0%	22
		Set 6B (3 EA)				
595		Operating Manuf: VON DUPRIN Model: SERIES 33	EA	3	0%	3
596		Butts Manuf: SOSS Model: 450 T88	EA	3	0%	3
597		Closer Manuf: NORTON Model: 8501BF	EA	3	0%	3
598		Seals Manuf: PEMKO Model: S88	EA	3	0%	3
599		Stop Manuf: TRIMCO Model: W1276 CCS	EA	3	0%	3
		Set 7A (1 EA)				

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
600		Operating Manuf: VON DUPRIN Model: SERIES 33	EA	1	0%	1
601		Butts Manuf: SOSS Model: 450 T88	EA	1	0%	1
602		Closer Manuf: NORTON Model: 8501BF	EA	1	0%	1
603		Seals Manuf: PEMKO Model: S88	EA	1	0%	1
604		Stop Manuf: TRIMCO Model: W1276 CCS	EA	1	0%	1
605		Bolts Manuf: G.J Model: FB8 OR FB7	EA	1	0%	1
606		Astragal Manuf: PEMKO Model: 355 DS	EA	1	0%	1
607		Coordinator Manuf: G.J Model: C0 R2	EA	1	0%	1
		Set 7B (2 EA)				
608		Operating Manuf: VON DUPRIN Model: SERIES 33	EA	2	0%	2
609		Butts Manuf: SOSS Model: 450 T88	EA	2	0%	2
610		Closer Manuf: NORTON Model: 8501BF	EA	2	0%	2
611		Seals Manuf: PEMKO Model: S88	EA	2	0%	2
612		Stop Manuf: TRIMCO Model: W1276 CCS	EA	2	0%	2
613		Bolts Manuf: G.J Model: FB8 OR FB7	EA	2	0%	2
614		Astragal Manuf: PEMKO Model: 355 DS	EA	2	0%	2
615		Coordinator Manuf: G.J Model: C0 R2	EA	2	0%	2

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
Women's Restroom						
Set 4 (2 EA)						
616		Operating Manuf: SCHLAGE Model: L9080	EA	2	0%	2
617		Butts Manuf: SOSS Model: 450 T88	EA	2	0%	2
618		Stop Manuf: TRIMCO Model: W1276 CCS	EA	2	0%	2
Set 3A (6 EA)						
619		Operating Manuf: ADAMS RITE Model: MS1850S	EA	3	0%	3
620		Butts Manuf: SOSS Model: 450 T88	EA	3	0%	3
621		Closer Manuf: NORTON Model: 8501BF	EA	3	0%	3
622		Threshold Manuf: PEMKO Model: 200D	EA	3	0%	3
623		Latch Guard Manuf: G.J Model: LP2	EA	3	0%	3
624		Shoe Manuf: PEMKO Model: 216DV	EA	3	0%	3
625		Seals Manuf: PEMKO Model: S88	EA	3	0%	3
626		Stop Manuf: TRIMCO Model: W1276 CCS	EA	3	0%	3
Set 2A (2 EA)						
627		Operating Manuf: ADAMS RITE Model: MS1850S	EA	2	0%	2
628		Threshold Bolt Manuf: ADAMS RITE Model: 4015	EA	2	0%	2
629		Header Bolt Manuf: ADAMS RITE Model: 4085	EA	2	0%	2
630		Closer Manuf: NORTON Model: 8501BF	EA	2	0%	2

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
631		Threshold Manuf: PEMKO Model: S88	EA	2	0%	2
632		Cylinder Guard Manuf: ADAMS RITE Model: MS4043	EA	2	0%	2
633		Exit Indicator Manuf: ADAMS RITE Model: 4089	EA	2	0%	2
634		Cylinder Manuf: SCHLAGE Model: 20-072	EA	2	0%	2
635		Pull Manuf: FORMS+ SURFACES Model: DT1011-30	EA	2	0%	2
		Men's Restroom				
		Set 4 (2 EA)				
636		Operating Manuf: SCHLAGE Model: L9080	EA	2	0%	2
637		Butts Manuf: SOSS Model: 450 T88	EA	2	0%	2
638		Stop Manuf: TRIMCO Model: W1276 CCS	EA	2	0%	2
		Set 3A (6 EA)				
639		Operating Manuf: ADAMS RITE Model: MS1850S	EA	3	0%	3
640		Butts Manuf: SOSS Model: 450 T88	EA	3	0%	3
641		Closer Manuf: NORTON Model: 8501BF	EA	3	0%	3
642		Threshold Manuf: PEMKO Model: 200D	EA	3	0%	3
643		Latch Guard Manuf: G.J Model: LP2	EA	3	0%	3
644		Shoe Manuf: PEMKO Model: 216DV	EA	3	0%	3
645		Seals Manuf: PEMKO Model: S88	EA	3	0%	3

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
646		Stop Manuf: TRIMCO Model: W1276 CCS	EA	3	0%	3
		Set 2A (2 EA)				
647		Operating Manuf: ADAMS RITE Model: MS1850S	EA	2	0%	2
648		Threshold Bolt Manuf: ADAMS RITE Model: 4015	EA	2	0%	2
649		Header Bolt Manuf: ADAMS RITE Model: 4085	EA	2	0%	2
650		Closer Manuf: NORTON Model: 8501BF	EA	2	0%	2
651		Threshold Manuf: PEMKO Model: S88	EA	2	0%	2
652		Cylinder Guard Manuf: ADAMS RITE Model: MS4043	EA	2	0%	2
653		Exit Indicator Manuf: ADAMS RITE Model: 4089	EA	2	0%	2
654		Cylinder Manuf: SCHLAGE Model: 20-072	EA	2	0%	2
655		Pull Manuf: FORMS+ SURFACES Model: DT1011-30	EA	2	0%	2
		Windows				
		Buddha Hall				
656		(4'-0"x6'-0"x5'-0") Window W/ Frame	EA	8	0%	8
657		(4'-0"x10'-0"x2'-0") Window W/ Frame	EA	2	0%	2
658		(12'-0"x5'-0"x34'-0") Window W/ Frame	EA	27	0%	27
659		(12'-0"x3'-9"x5'-0") Window W/ Frame	EA	1	0%	1
660		(3'-0"x7'-0") Exterior/ Swing/ SG Door W/ Hollow Metal Frame	EA	1	0%	1
661		(12'-0"x6'-0"x5'-0") Exterior Swing/ PR Aluminum Window W/ Frame	EA	7	0%	7
		Dining Hall				
662		(8'-0"x6'-0"x4'-0") Window W/ Frame	EA	4	0%	4
663		(4'-0"x6'-0"x4'-0") Window W/ Frame	EA	5	0%	5
664		(8'-0"x3'-9"x22'-0") Window W/ Frame	EA	4	0%	4
665		(12'-0"x3'-9"x22'-0") Window W/ Frame	EA	8	0%	8
666		(4'-0"x10'-0"x4'-0") Window W/ Aluminum Frame	EA	13	0%	13
		Dharma Hall				
		First Floor				
667		(6'-0"x10'-0") Power Operated Window W Frame	EA	2	0%	2
668		(4'-0"x6'-0") Power Operated Window W Frame	EA	5	0%	5

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
669		(8'-0"x6'-0") Power Operated Window W Frame	EA	3	0%	3
670		(12'-0"x6'-0") Power Operated Window W Frame	EA	12	0%	12
671		(10'-0"x10'-0") Power Operated Window W Frame	EA	1	0%	1
		Upper Floor				
672		(12'-0"x3'-9") Power Operated Window W Frame	EA	8	0%	8
		Women's Restroom				
673		(9'-0"x6'-0") First Glass Window W Frame	EA	1	0%	1
674		(3'-0"x6'-0") First Glass Window W Frame	EA	13	0%	13
675		(6'-0"x6'-0") First Glass Window W Frame	EA	3	0%	3
676		(12'-0"x3'-9") First Glass Window W Frame	EA	2	0%	2
		Men's Restroom				
677		(6'-0"x6'-0") First Glass Window W Frame	EA	12	0%	12
678		(3'-0"x6'-0") First Glass Window W Frame	EA	2	0%	2
679		(9'-0"x6'-0") First Glass Window W Frame	EA	1	0%	1
680		(12'-0"x4'-0") First Glass Window W Frame	EA	2	0%	2

DIVISION 09- FINISHES

		Drywall/Framing				
		Bell Tower				
		1st Floor				
		(1"x2") Furring Wall (10'-0" H, 58 LF)				
681		(1"x2") Furring Strips @ 16" O.C. (44 EA) (440 LF)	SF	580	5%	609
682		(5/8") Type 'X' Gypsum Board	SF	580	5%	609
683		Sealant	LF	116	5%	122
		2nd Floor				
		(1"x2") Furring Wall (10'-0" H, 58 LF)				
684		(1"x2") Furring Strips @ 16" O.C. (44 EA) (440 LF)	SF	580	5%	609
685		(5/8") Type 'X' Gypsum Board	SF	580	5%	609
686		Sealant	LF	116	5%	122
		Drum Tower				
		1st Floor				
		(1"x2") Furring Wall (10'-0" H, 58 LF)				
687		(1"x2") Furring Strips @ 16" O.C. (44 EA) (440 LF)	SF	580	5%	609
688		(5/8") Type 'X' Gypsum Board	SF	580	5%	609
689		Sealant	LF	116	5%	122
		2nd Floor				
		(1"x2") Furring Wall (10'-0" H, 58 LF)				
690		(1"x2") Furring Strips @ 16" O.C. (44 EA) (440 LF)	SF	580	5%	609
691		(5/8") Type 'X' Gypsum Board	SF	580	5%	609
692		Sealant	LF	116	5%	122
		Buddha Hall				
		Main Floor				
		Wall Type 2 (48 LF, 18'-0" H)				
693		5/8" Gypsum Board	SF	1728	5%	1814
694		4" Metal Stud @ 16" O.C (37 EA, 667 LF)	SF	864	5%	907
695		R-11 Sound Attenuation Batt Insulation	SF	864	5%	907
696		4" Top And Bottom Runner	LF	96	5%	101
697		Sealant	LF	96	5%	101

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
		Wall Type 2 (657 LF , 17'-0" H)				
698		5/8" Gypsum Board	SF	22338	5%	23455
699		4" Metal Stud @ 16" O.C (494 EA , 8414 LF)	SF	11169	5%	11727
700		R-11 Sound Attenuation Batt Insulation	SF	11169	5%	11727
701		4" Top And Bottom Runner	LF	1314	5%	1380
702		Sealant	LF	1314	5%	1380
		Wall Type 2 (158 LF , 15'-6" H)				
703		5/8" Gypsum Board	SF	4898	5%	5143
704		4" Metal Stud @ 16" O.C (119 EA , 1856 LF)	SF	2449	5%	2571
705		R-11 Sound Attenuation Batt Insulation	SF	2449	5%	2571
706		4" Top And Bottom Runner	LF	316	5%	332
707		Sealant	LF	316	5%	332
		Wall Type 1A (789 LF , 17'-9" H)				
708		5/8" Gypsum Board	SF	13965	5%	14663
709		6" Metal Stud @ 16" O.C (594 EA , 10517 LF)	SF	13965	5%	14663
710		R-19 Batt Insulation	SF	13965	5%	14663
711		6" Top And Bottom Runner	LF	1578	5%	1657
712		Sealant	LF	1578	5%	1657
		Wall Type 5 (24 LF , 18' H)				
713		5/8" Gypsum Board	SF	192	5%	202
714		3 5/8" Metal Stud @ 24" O.C (13 EA , 234 LF)	SF	192	5%	202
715		R-11 Batt Insulation	SF	192	5%	202
716		3 5/8" Top And Bottom Runner	LF	48	5%	50
717		Sealant	LF	48	5%	50
		Wall Type 5 (82 LF , 41' H)				
718		5/8" Gypsum Board	SF	3362	5%	3530
719		3 5/8" Metal Stud @ 24" O.C (42 EA , 1722 LF)	SF	3362	5%	3530
720		R-11 Batt Insulation	SF	3362	5%	3530
721		3 5/8" Top And Bottom Runner	LF	164	5%	172
722		Sealant	LF	164	5%	172
		Wall Type 5 (44 LF , 15' H)				
723		5/8" Gypsum Board	SF	660	5%	693
724		3 5/8" Metal Stud @ 24" O.C (23 EA , 345 LF)	SF	660	5%	693
725		R-11 Batt Insulation	SF	660	5%	693
726		3 5/8" Top And Bottom Runner	LF	88	5%	92
727		Sealant	LF	88	5%	92
		Wall Type 5 (62 LF , 40' H)				
728		5/8" Gypsum Board	SF	2480	5%	2604
729		3 5/8" Metal Stud @ 24" O.C (32 EA , 1280 LF)	SF	2480	5%	2604
730		R-11 Batt Insulation	SF	2480	5%	2604
731		3 5/8" Top And Bottom Runner	LF	124	5%	130
732		Sealant	LF	124	5%	130
		Wall Type 5 (21 LF , 18'-6" H)				
733		5/8" Gypsum Board	SF	389	5%	408
734		3 5/8" Metal Stud @ 24" O.C (11 EA , 212 LF)	SF	389	5%	408
735		R-11 Batt Insulation	SF	389	5%	408
736		3 5/8" Top And Bottom Runner	LF	42	5%	44
737		Sealant	LF	42	5%	44
		Wall Type 5 (32 LF , 17'-0" H)				
738		5/8" Gypsum Board	SF	544	5%	571

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
739		3 5/8" Metal Stud @ 24" O.C (17 EA , 289 LF)	SF	544	5%	571
740		R-11 Batt Insulation	SF	544	5%	571
741		3 5/8" Top And Bottom Runner	LF	64	5%	67
742		Sealant	LF	64	5%	67
		Wall Type 5 (30 LF , 30'-0" H)				
743		5/8" Gypsum Board	SF	900	5%	945
744		3 5/8" Metal Stud @ 24" O.C (16 EA , 480 LF)	SF	900	5%	945
745		R-11 Batt Insulation	SF	900	5%	945
746		3 5/8" Top And Bottom Runner	LF	60	5%	63
747		Sealant	LF	60	5%	63
		Mezzanine Floor				
		Wall Type 2 (125 LF , 23'-0" H)				
748		5/8" Gypsum Board	SF	5750	5%	6038
749		4" Metal Stud @ 16" O.C (94 EA , 2184 LF)	SF	2875	5%	3019
750		R-11 Sound Attenuation Batt Insulation	SF	2875	5%	3019
751		4" Top And Bottom Runner	LF	250	5%	263
752		Sealant	LF	250	5%	263
		Wall Type 2 (189 LF , 30'-0" H)				
753		5/8" Gypsum Board	SF	11340	5%	11907
754		4" Metal Stud @ 16" O.C (143 EA , 4293 LF)	SF	5670	5%	5954
755		R-11 Sound Attenuation Batt Insulation	SF	5670	5%	5954
756		4" Top And Bottom Runner	LF	378	5%	397
757		Sealant	LF	378	5%	397
		Wall Type 2 (48 LF , 13'-6" H)				
758		5/8" Gypsum Board	SF	1296	5%	1361
759		4" Metal Stud @ 16" O.C (37 EA , 504 LF)	SF	648	5%	680
760		R-11 Sound Attenuation Batt Insulation	SF	648	5%	680
761		4" Top And Bottom Runner	LF	96	5%	101
762		Sealant	LF	96	5%	101
		Wall Type 2 (141 LF , 6'-0" H)				
763		5/8" Gypsum Board	SF	1692	5%	1777
764		4" Metal Stud @ 16" O.C (107 EA , 642 LF)	SF	846	5%	888
765		R-11 Sound Attenuation Batt Insulation	SF	846	5%	888
766		4" Top And Bottom Runner	LF	282	5%	296
767		Sealant	LF	282	5%	296
		Wall Type 2 (177 LF , 3'-6" H)				
768		5/8" Gypsum Board	SF	1239	5%	1301
769		4" Metal Stud @ 16" O.C (134 EA , 469 LF)	SF	620	5%	651
770		R-11 Sound Attenuation Batt Insulation	SF	620	5%	651
771		4" Top And Bottom Runner	LF	354	5%	372
772		Sealant	LF	354	5%	372
		Wall Type 5 (48 LF , 27'-6" H)				
773		5/8" Gypsum Board	SF	1320	5%	1386
774		3 5/8" Metal Stud @ 24" O.C (25 EA , 687 LF)	SF	1320	5%	1386
775		R-11 Batt Insulation	SF	1320	5%	1386
776		3 5/8" Top And Bottom Runner	LF	96	5%	101
777		Sealant	LF	96	5%	101
		Dining Hall				
		Wall Type IB (854 LF , 15' H)				
778		5/8" Gypsum Board	SF	12810	5%	13451

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
779		6" Metal Stud @ 16" O.C (643 EA , 9646 LF)	SF	12810	5%	13451
780		R-19 Batt Insulation	SF	12810	5%	13451
781		6" Top And Bottom Runner	LF	1708	5%	1793
782		Sealant	LF	1708	5%	1793
		Wall Type 5 (228 LF , 15' H)				
783		5/8" Gypsum Board	SF	3420	5%	3591
784		3 5/8" Metal Stud @ 24" O.C (115 EA , 1725 LF)	SF	3420	5%	3591
785		R-11 Batt Insulation	SF	3420	5%	3591
786		3 5/8" Top And Bottom Runner	LF	456	5%	479
787		Sealant	LF	456	5%	479
		Wall Type 3 (120 LF , 15' H)				
788		5/8" Gypsum Board	SF	1800	5%	1890
789		Wonder Board Or Rudock W Building Paper	SF	1800	5%	1890
790		4" Metal Stud @ 24" O.C (61 EA , 915 LF)	SF	1800	5%	1890
791		R-11 Sound Attenuation Batt Insulation	SF	1800	5%	1890
792		4" Top And Bottom Runner	LF	240	5%	252
793		Sealant	LF	240	5%	252
		Wall Type 3 (88 LF , 10'-6" H)				
794		5/8" Gypsum Board	SF	924	5%	970
795		Wonder Board Or Rudock W Building Paper	SF	924	5%	970
796		4" Metal Stud @ 24" O.C (40 EA , 472 LF)	SF	924	5%	970
797		R-11 Sound Attenuation Batt Insulation	SF	924	5%	970
798		4" Top And Bottom Runner	LF	172	5%	181
799		Sealant	LF	172	5%	181
		Wall Type 2 (700 LF , 12'-6" H)				
800		5/8" Gypsum Board	SF	17500	5%	18375
801		4" Metal Stud @ 16" O.C (527 EA , 6591 LF)	SF	8750	5%	9188
802		R-11 Sound Attenuation Batt Insulation	SF	8750	5%	9188
803		4" Top And Bottom Runner	LF	1400	5%	1470
804		Sealant	LF	1400	5%	1470
		Wall Type 2 (28 LF , 15' H)				
805		5/8" Gypsum Board	SF	840	5%	882
806		4" Metal Stud @ 16" O.C (22 EA , 330 LF)	SF	420	5%	441
807		R-11 Sound Attenuation Batt Insulation	SF	420	5%	441
808		4" Top And Bottom Runner	LF	56	5%	59
809		Sealant	LF	56	5%	59
		Wall Type (182 LF , 4'-6" H)				
810		5/8" Gypsum Board	SF	1638	5%	1720
811		6" Metal Stud @ 16" O.C (137 EA , 620 LF)	SF	819	5%	860
812		R-19 Batt Insulation	SF	819	5%	860
813		6" Top And Bottom Runner	LF	364	5%	382
814		Sealant	LF	364	5%	382
		Dharma Hall				
		First Floor				
		Wall Type IA (593 LF , 17' H)				
815		5/8" Gypsum Board	SF	10081	5%	10585
816		6" Metal Stud @ 16" O.C (446 EA , 7596 LF)	SF	10081	5%	10585
817		R-19 Batt Insulation	SF	10081	5%	10585
818		6" Top And Bottom Runner	LF	1186	5%	1245
819		Sealant	LF	1186	5%	1245

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
		Wall Type IA & 3 (66 LF , 17' H)				
820		Wonder Board Or Rudock W Building Paper	SF	1122	5%	1178
821		6" Metal Stud @ 16" O.C (50 EA , 860 LF)	SF	1122	5%	1178
822		R-19 Batt Insulation	SF	1122	5%	1178
823		6" Top And Bottom Runner	LF	132	5%	139
824		Sealant	LF	132	5%	139
		Wall Type 2 (237 LF , 17' H)				
825		5/8" Gypsum Board	SF	8058	5%	8461
826		4" Metal Stud @ 16" O.C (179 EA , 3046 LF)	SF	4029	5%	4230
827		R-11 Sound Attenuation Batt Insulation	SF	4029	5%	4230
828		4" Top And Bottom Runner	LF	474	5%	498
829		Sealant	LF	474	5%	498
		Wall Type 5 (277 LF , 15' H)				
830		5/8" Gypsum Board	SF	4155	5%	4363
831		3 5/8" Metal Stud @ 24" O.C (139 EA , 2092 LF)	SF	4155	5%	4363
832		R-11 Batt Insulation	SF	4155	5%	4363
833		3 5/8" Top And Bottom Runner	LF	554	5%	582
834		Sealant	LF	554	5%	582
		Wall Type 2A (470 LF , 17' H)				
835		5/8" Gypsum Board	SF	15980	5%	16779
836		4" Metal Stud @ 16" O.C (354 EA , 6024 LF)	SF	7990	5%	8390
837		R-11 Sound Attenuation Batt Insulation	SF	7990	5%	8390
838		4" Top And Bottom Runner	LF	940	5%	987
839		Sealant	LF	940	5%	987
		Wall Type 3 (192 LF , 17' H)				
840		5/8" Gypsum Board	SF	3264	5%	3427
841		Wonder Board Or Rudock W Building Paper	SF	3264	5%	3427
842		4" Metal Stud @ 24" O.C (97 EA , 1649 LF)	SF	3264	5%	3427
843		R-11 Sound Attenuation Batt Insulation	SF	3264	5%	3427
844		4" Top And Bottom Runner	LF	384	5%	403
845		Sealant	LF	384	5%	403
		Wall Type 2A & 3 (71 LF , 17' H)				
846		5/8" Gypsum Board	SF	2414	5%	2535
847		Wonder Board Or Rudock W Building Paper	SF	1207	5%	1267
848		4" Metal Stud @ 16" O.C (54 EA , 924 LF)	SF	1207	5%	1267
849		R-19 Batt Insulation	SF	1207	5%	1267
850		4" Top And Bottom Runner	LF	142	5%	149
851		Sealant	LF	142	5%	149
		Upper Floor				
		Wall Type IB (335 LF , 17' H)				
852		5/8" Gypsum Board	SF	5695	5%	5980
853		6" Metal Stud @ 16" O.C (252 EA , 4298 LF)	SF	5695	5%	5980
854		R-19 Batt Insulation	SF	5695	5%	5980
855		6" Top And Bottom Runner	LF	670	5%	704
856		Sealant	LF	670	5%	704
		Wall Type 5 (77 LF , 15' H)				
857		5/8" Gypsum Board	SF	1155	5%	1213
858		3 5/8" Metal Stud @ 24" O.C (39 EA , 592 LF)	SF	1155	5%	1213
859		R-11 Batt Insulation	SF	1155	5%	1213
860		3 5/8" Top And Bottom Runner	LF	154	5%	162

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
861	Ae-2.2 To Af-6.1	Sealant	LF	154	5%	162
		Wall Type 4B (21 LF , 15' H)				
862		5/8" Gypsum Board	SF	630	5%	662
863		6" Metal Stud @ 24" O.C (11 EA , 172 LF)	SF	315	5%	331
864		R-11 Batt Insulation	SF	315	5%	331
865		6" Top And Bottom Runner	LF	42	5%	44
866		Sealant	LF	42	5%	44
		Wall Type 2A (30 LF , 17' H)				
867		5/8" Gypsum Board	SF	1020	5%	1071
868		4" Metal Stud @ 16" O.C (23 EA , 400 LF)	SF	510	5%	536
869		R-11 Sound Attenuation Batt Insulation	SF	510	5%	536
870		4" Top And Bottom Runner	LF	34	5%	36
871		Sealant	LF	34	5%	36
		Women's Restroom				
		Wall Type IB (244 LF , 20' H)				
872		5/8" Gypsum Board	SF	4880	5%	5124
873		6" Metal Stud @ 16" O.C (184 EA , 3689 LF)	SF	4880	5%	5124
874		R-19 Batt Insulation	SF	4880	5%	5124
875		6" Top And Bottom Runner	LF	488	5%	512
876		Sealant	LF	488	5%	512
		Wall Type IB & 3 (118 LF , 20' H)				
877		Wonder Board Or Rudock W Building Paper	SF	2360	5%	2478
878		6" Metal Stud @ 16" O.C (89 EA , 1794 LF)	SF	2360	5%	2478
879		R-19 Batt Insulation	SF	2360	5%	2478
880		6" Top And Bottom Runner	LF	236	5%	248
881		Sealant	LF	236	5%	248
		Wall Type 2A (66 LF , 12' H)				
882		5/8" Gypsum Board	SF	1584	5%	1663
883		4" Metal Stud @ 16" O.C (50 EA , 607 LF)	SF	792	5%	832
884		R-11 Sound Attenuation Batt Insulation	SF	792	5%	832
885		4" Top And Bottom Runner	LF	132	5%	139
886		Sealant	LF	132	5%	139
		Wall Type 3 (160 LF , 12' H)				
887		5/8" Gypsum Board	SF	1920	5%	2016
888		Wonder Board Or Rudock W Building Paper	SF	1920	5%	2016
889		4" Metal Stud @ 24" O.C (81 EA , 972 LF)	SF	1920	5%	2016
890		R-11 Sound Attenuation Batt Insulation	SF	1920	5%	2016
891		4" Top And Bottom Runner	LF	320	5%	336
892		Sealant	LF	320	5%	336
		Wall Type 3A (30 LF , 12' H)				
893		5/8" Gypsum Board	SF	360	5%	378
894		Wonder Board Or Rudock W Building Paper	SF	360	5%	378
895		6" Metal Stud @ 24" O.C (16 EA , 192 LF)	SF	360	5%	378
896		R-11 Sound Attenuation Batt Insulation	SF	360	5%	378
897		6" Top And Bottom Runner	LF	60	5%	63
898		Sealant	LF	60	5%	63
		Men's Restroom				
		Wall Type IB (216 LF , 20' H)				
899		5/8" Gypsum Board	SF	4320	5%	4536
900		6" Metal Stud @ 16" O.C (163 EA , 3268 LF)	SF	4320	5%	4536

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
901		R-19 Batt Insulation	SF	4320	5%	4536
902		6" Top And Bottom Runner	LF	432	5%	454
903		Sealant	LF	432	5%	454
		Wall Type IB & 3 (145 LF , 20' H)				
904		Wonder Board Or Rudock W Building Paper	SF	2900	5%	3045
905		6" Metal Stud @ 16" O.C (110 EA , 2200 LF)	SF	2900	5%	3045
906		R-19 Batt Insulation	SF	2900	5%	3045
907		6" Top And Bottom Runner	LF	290	5%	305
908		Sealant	LF	290	5%	305
		Wall Type 3A (54 LF , 12' H)				
909		5/8" Gypsum Board	SF	648	5%	680
910		Wonder Board Or Rudock W Building Paper	SF	648	5%	680
911		6" Metal Stud @ 24" O.C (28 EA , 336 LF)	SF	648	5%	680
912		R-11 Sound Attenuation Batt Insulation	SF	648	5%	680
913		6" Top And Bottom Runner	LF	108	5%	113
914		Sealant	LF	108	5%	113
		Wall Type 3 (127 LF , 12' H)				
915		5/8" Gypsum Board	SF	1524	5%	1600
916		Wonder Board Or Rudock W Building Paper	SF	1524	5%	1600
917		4" Metal Stud @ 24" O.C (64 EA , 774 LF)	SF	1524	5%	1600
918		R-11 Sound Attenuation Batt Insulation	SF	1524	5%	1600
919		4" Top And Bottom Runner	LF	254	5%	267
920		Sealant	LF	254	5%	267
		Wall Type 2A (90 LF , 12' H)				
921		5/8" Gypsum Board	SF	2160	5%	2268
922		4" Metal Stud @ 16" O.C (648 EA , 824 LF)	SF	1080	5%	1134
923		R-11 Sound Attenuation Batt Insulation	SF	1080	5%	1134
924		4" Top And Bottom Runner	LF	180	5%	189
925		Sealant	LF	180	5%	189
		Interior Finishes				
		Main Gate				
		Entry Gate				
		Floor Finish				
926		Natural Stone Tile Flooring	SF	3297	5%	3462
		Ceiling				
927		GFRC Ceiling Panel (7/8" Stucco Finish)	SF	1660	5%	1743
		Cloister Floor				
		Floor Finish				
928		Natural Stone Tile Flooring	SF	10296	5%	10811
		Column Finish				
929		GFRC Panel	SF	13068	5%	13721
		Bell Tower				
		1st Floor				
		Floor Finish				
930		Sealed Concrete (As Required)	SF	215	5%	226
		Wall Base				
931		(4" H) Rubber Base (As Required)	LF	52	5%	55
		Wall Finish				
932		Wall Paint	SF	580	5%	609
933		GFRC Panel	SF	1056	5%	1109

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
		Ceiling Finish				
934		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	490	5%	515
		2nd Floor				
		Floor Finish				
935		Sealed Concrete (As Required)	SF	215	5%	226
		Wall Base				
936		(4" H) Rubber Base (As Required)	LF	52	5%	55
		Wall Finish				
937		Wall Paint	SF	580	5%	609
938		GFRC Panel	SF	528	5%	554
		Ceiling Finish				
939		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	354	5%	372
		Drum Tower				
		1st Floor				
		Floor Finish				
940		Sealed Concrete (As Required)	SF	215	5%	226
		Wall Base				
941		(4" H) Rubber Base (As Required)	LF	52	5%	55
		Wall Finish				
942		Wall Paint	SF	580	5%	609
943		GFRC Panel	SF	1056	5%	1109
		Ceiling Finish				
944		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	490	5%	515
		2nd Floor				
		Floor Finish				
945		Sealed Concrete (As Required)	SF	215	5%	226
		Wall Base				
946		(4" H) Rubber Base (As Required)	LF	52	5%	55
		Wall Finish				
947		Wall Paint	SF	580	5%	609
948		GFRC Panel	SF	528	5%	554
		Ceiling Finish				
949		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	354	5%	372
		Floor Finishes				
		Buddha Hall				
950		(24"x24") Stone Tile	SF	34574	5%	36303
951		(36"x36") Stone Tile	SF	17409	5%	18279
		Dining				
952		Quarry Tile	SF	7832	5%	8224
953		Ceramic Tile	SF	16123	5%	16929
954		SPC Tile	SF	1822	5%	1913
		Dharma Hall				
955		Ceramic Tile 2	SF	15783	5%	16572
956		Nat. Stone Tile	SF	11183	5%	11742
957		(24"x24") Stone Tile	SF	1007	5%	1057
958		Large Size Stone Tile	SF	253	5%	266
		Women's Restroom				
959		(36"x36") Stone Tile	SF	3272	5%	3436
960		(24"x24") Stone Tile	SF	3425	5%	3596
		Men's Restroom				

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
961		(36"x36") Stone Tile	SF	3251	5%	3414
962		(24"x24") Stone Tile	SF	3406	5%	3576
		Wall Finishes				
		Buddha Hall				
963		Paint @ Wall	SF	74093	5%	77798
		Dining Hall				
964		Paint @ Wall	SF	39457	5%	41430
965		(3'-6" H) Ceramic Tile Wainscot W Match Bull Nose Trim	SF	735	5%	772
		Dharma Hall				
		First Floor				
966		Paint @ Wall	SF	40974	5%	43023
967		(3'-6" H) Ceramic Tile Wainscot W Match Bull Nose Trim	SF	826	5%	867
		Upper Floor				
968		Paint @ Wall	SF	8500	5%	8925
		Women's Restroom				
969		Paint @ Wall	SF	6972	5%	7321
970		(3'-6" H) Ceramic Tile Wainscot W Match Bull Nose Trim	SF	1715	5%	1801
		Men's Restroom				
971		Paint @ Wall	SF	7033	5%	7385
972		(3'-6" H) Ceramic Tile Wainscot W Match Bull Nose Trim	SF	1834	5%	1926
		Wall Base				
		Buddha Hall				
973		6" Resilient Rubber Base	LF	1800	5%	1890
		Dining Hall				
974		Cove Base	LF	1370	5%	1439
975		Wood Base	LF	377	5%	396
976		6" Ceramic Tile Base	LF	387	5%	406
977		6" Resilient Rubber Base	LF	669	5%	702
		Dharma Hall				
978		6" Resilient Rubber Base	LF	1950	5%	2048
979		6" Ceramic Tile Base	LF	337	5%	354
		Women's Restroom				
980		6" Ceramic Tile Base	LF	488	5%	512
981		6" Resilient Rubber Base	LF	330	5%	347
		Men's Restroom				
982		6" Ceramic Tile Base	LF	493	5%	518
983		6" Resilient Rubber Base	LF	318	5%	334
		Ceiling Finishes				
		Buddha Hall				
984		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	643	5%	675
985		2'x2' Acoustical T- Bar Ceiling Tile Armstrong Optima/ White	SF	10033	5%	10535
986		5/8" Gypsum Board Ceiling	SF	994	5%	1044
987		4'x4' T- Bar Ceiling Armstrong Optima/ White	SF	16096	5%	16901
		Dining				
988		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	10953	5%	11501
989		8" High Soffit	SF	791	5%	831
990		GRFC Soffit Panels	SF	2583	5%	2712
991		5/8" Gypsum Board Ceiling	SF	920	5%	966

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
992		2x2 Armstrong OTIMA White T Bar Ceiling	SF	14012	5%	14713
		Dharma Hall				
		First Floor				
993		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	160	5%	168
994		(2'x2') Armstrong Optima Ceiling W/ Grid	SF	10207	5%	10717
995		(4'x4') Armstrong Optima Ceiling W/ Grid	SF	3883	5%	4077
996		(5/8") Painted Gypsum Board Ceiling	SF	1028	5%	1079
		Upper Floor				
997		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	1928	5%	2024
998		(4'x4') Armstrong Optima Ceiling W/ Grid	SF	4482	5%	4706
		Women's Restroom				
999		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	1114	5%	1170
1000		2'x4' Armstrong Optima /White	SF	1886	5%	1980
1001		5/8" Gypsum Board Ceiling	SF	2652	5%	2785
		Men's Restroom				
1002		GFRC Panel Ceiling (7/8" Stucco Finish)	SF	1061	5%	1114
1003		2'x4' Armstrong Optima /White	SF	2070	5%	2174
1004		5/8" Gypsum Board Ceiling	SF	2381	5%	2500
		Opening Finishes				
		Bell Tower				
1005		Paint @ Door	SF	98	5%	103
1006		Paint @ Door Trim	LF	45	5%	47
1007		Paint @ Door Frame	LF	23	5%	24
		Drum Tower				
1008		Paint @ Door	SF	98	5%	103
1009		Paint @ Door Trim	LF	45	5%	47
1010		Paint @ Door Frame	LF	23	5%	24
		Dining Hall				
1011		Paint @ Door	SF	1026	5%	1077
1012		Paint @ Door Trim	LF	798	5%	838
1013		Paint @ Door Frame	LF	399	5%	419
		Dharma Hall				
1014		Paint @ Door	SF	1512	5%	1588
1015		Paint @ Door Trim	LF	1176	5%	1235
1016		Paint @ Door Frame	LF	588	5%	617
		Exterior Finishes				
		Bell Tower				
1017		(7/8") Stucco Finish	SF	1218	5%	1279
1018		Metal Lath	SF	1218	5%	1279
1019		Building Paper	SF	1218	5%	1279
		Trim				
1020		Door Trim	LF	23	5%	24
		Drum Tower				
1021		(7/8") Stucco Finish	SF	1218	5%	1279
1022		Metal Lath	SF	1218	5%	1279
1023		Building Paper	SF	1218	5%	1279
		Trim				
1024		Door Trim	LF	23	5%	24
		Buddha Hall				
1025		7/8" Stucco 3 Coat	SF	2642	5%	2774

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1026		Ladder To Cat Walk	EA	4	0%	4
1027		1/2" Plywood Sheathing	SF	14467	5%	15190
1028		Self Furring Metal Lath	SF	14467	5%	15190
1029		26 Gage Galvanized Weep Screed	LF	790	5%	830
1030		7/8" Stucco 3 Coat W GFRC Panel	SF	11825	5%	12416
		Dining Hall				
1031		GFRC Wall Panel	SF	6393	5%	6713
1032		7/8" Stucco 3 Coat	SF	1521	5%	1597
1033		1/2" Plywood Sheathing	SF	7914	5%	8310
1034		Stucco Band @ Door Trim	LF	304	5%	319
1035		2 Layers grade D building Paper	SF	7914	5%	8310
1036		26 Gage Galvanized Weep Screed	LF	670	5%	704
1037		GFRC Panel W Stucco Band @ Widow Trim & Sill	LF	921	5%	967
		Dharma Hall				
1038		GFRC Wall Panel	SF	12444	5%	13066
1039		Self Furring Metal Lath	SF	12444	5%	13066
1040		1/2" Plywood Sheathing	SF	12444	5%	13066
1041		GFRC Band @ Door Trim	LF	552	5%	580
1042		2 Layers grade D building Paper	SF	12444	5%	13066
1043		26 Gage Galvanized Weep Screed	LF	732	5%	769
1044		GFRC Band @ Widow Trim & Sill	LF	1440	5%	1512
1045		Stucco Band @ Widow Trim & Sill	LF	503	5%	528
1046		7/8" Stucco 3 Coat Cement Plaster On Paper Backed Metal Lath	SF	4704	5%	4939
		Women's Restroom				
1047		Attic Vent	EA	2	0%	2
1048		2" Vent Screen	EA	1	0%	1
1049		Self Furring Metal Lath	SF	6500	5%	6825
1050		1/2" Plywood Sheathing	SF	6500	5%	6825
1051		Stucco Band @ Door Trim	LF	304	5%	319
1052		2 Layers grade D building Paper	SF	6500	5%	6825
1053		26 Gage Galvanized Weep Screed	LF	367	5%	385
1054		7/8" Stucco 3 Coat W Alternate GFRC Wall Panel	SF	6500	5%	6825
1055		GFRC Panel W Stucco Band @ Widow Trim & Sill	LF	798	5%	838
		Men's Restroom				
1056		2" Vent Screen	EA	1	0%	1
1057		Self Furring Metal Lath	SF	6500	5%	6825
1058		1/2" Plywood Sheathing	SF	6500	5%	6825
1059		Stucco Band @ Door Trim	LF	304	5%	319
1060		2 Layers grade D building Paper	SF	6500	5%	6825
1061		26 Gage Galvanized Weep Screed	LF	367	5%	385
1062		7/8" Stucco 3 Coat W Alternate GFRC Wall Panel	SF	6500	5%	6825
1063		GFRC Panel W Stucco Band @ Widow Trim & Sill	LF	836	5%	878

DIVISION 10- SPECIALTIES

		Buddha				
1064		Countertop	SF	204	0%	204
1065		Movable PTN With Door	LF	502	0%	502

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1107		Coat Hook	EA	2	5%	2
1108		36" Grab Bar	EA	5	5%	5
1109		42" Grab Bar	EA	5	5%	5
1110		Soap Dispenser	EA	17	5%	18
1111		(4'H x 1'-6") P.P.G Mirror	EA	5	5%	5
1112		Toilet Tissue Dispenser (Double Roll)	EA	19	5%	20
1113		Toilet Seat Cover Dispenser (Surface Mounted)	EA	17	5%	18
1114		(1/4" Thick Equilateral Triangle, 12"Dia) Circle Toilet Sign For Men	EA	8	5%	8

DIVISION 11- EQUIPMENT

		Equipment				
		Dining				
1115		Niche	EA	1	5%	1
1116		Thrash Can	EA	1	5%	1
1117		Vegetable Cutter	EA	1	5%	1
1118		Auto Stir Frying Machine	EA	2	5%	2
1119		(96"x26") Folding Table	EA	1	5%	1
1120		(40"x12") Stainless Steel Bench	EA	1	5%	1
1121		(18"x72") Double Deck Shelves	LF	96	5%	101
1122		(24"x36") Drop Hole Return Tray Shelf	LF	31	5%	33
1123		Laundry Machine W Laundry Dryer	EA	1	5%	1
1124		Drinking Dispenser	EA	1	5%	1
1125		(20"x78") Shelves Manuf: Metro Model: Wire Shelving	EA	99	5%	104
1126		(20"x108") Shelves Manuf: Metro Model: Wire Shelving	EA	1	5%	1
1127		(30"x84") Refrigerator Manuf: Traulsen Model: G10010	EA	1	5%	1
1128		(36"x30") Refrigerator Manuf: True Model: Tuc-36-hc	EA	1	5%	1
1129		Bowl Washing Manuf: San-Lav Model: A5a3f	EA	2	5%	2
1130		Dish Washing Manuf: San-Lav Model: A5a3f	EA	2	5%	2
1131		(16"x30"x34") Cart Storage Manuf: Lakeside Model: 710	EA	18	5%	19
1132		(72"x32"x30") Work Top Freezer Manuf: Centerline Model: Cluc-72F	EA	6	5%	6

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1133		Drinking Fountain & Bottle Fill Station Manuf: Elkay Model: Ezstl8wslk	EA	2	5%	2
1134		Food Counters Manuf: Vollrath Model: Signature Server	EA	12	5%	13
1135		Platform Scale Manuf: Defender 5000 Model: D52xw500wqv8	EA	1	5%	1
1136		Knife Sterilizer Cabinet Manuf: Helios Model: Ksuv-18	EA	4	5%	4
1137		Pot Washing Machine Manuf: Hobart Model: Pw20er	EA	1	5%	1
1138		New CounDishwasher Conveyor Manuf: Hobart Model: Cl44rn-20-48l-x	EA	1	5%	1
1139		(40"x144") Shelf	EA	1	5%	1
1140		Soy Milk Maker Manuf: Robot Coupe Model: J100	EA	1	5%	1
1141		Bakery Proofing Cabinet Manuf: Doyon Model: E236R	EA	1	5%	1
1142		Spiral Dough Mixer Manuf: Hobart Model: Hl600-1std	EA	2	5%	2
1143		Ice Machine Manuf: Manitowoc Model: Iyt 1200A	EA	1	5%	1
1144		Multi Function Vegetable Cutting Machine Manuf: Robot Coupe Model: Cl55WS	EA	1	5%	1
1145		Peeler Manuf: Hobart Model: 6460m-1	EA	1	5%	1
1146		Dicer Manuf: Robot Coupe Model: Cl55ws	EA	1	5%	1
1147		Dicer Manuf: Robot Coupe Model: Cl52e	EA	1	5%	1
1148		Soup Pot Manuf: Crown/Middleby Model: Gl-40Fe	EA	2	5%	2
1149		Sandwitch Boiler Pot Manufl: Crown Model: Glt-60	EA	1	5%	1

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1150		Washing Tap Manuf: T&S Brass Model: 5HR-3423-09-GH	EA	1	5%	1
1151		Food Steamer Manuf: Market Forge Model: Altair11-12	EA	2	5%	2
1152		Double Headed Wok Manuf: Imperial Model: icra-2	EA	3	5%	3
1153		Commercial Range Manuf: Imperial Model: Ir-4	EA	1	5%	1
1154		Griddle Top Range W Oven Manuf: Vulcan Model: 36c-36gn	EA	2	5%	2
1155		Soup Pot Manuf: Imperial Model: 1SPA-18	EA	1	5%	1
1156		Rice Washing Machine Manuf: Tectongda Model: 44lb	EA	1	5%	1
1157		Rice Cookers Manuf: John Boobs Model: Per55asn	EA	3	5%	3
1158		Ice Storage Bins Manuf: Manitowoc Model: lyt 1200A	EA	1	5%	1
1159		Water Filter Manuf: Pentair Everpure Model: Pf-i2000	EA	1	5%	1
1160		Combi Oven Manuf: Rational Model: lcp-6	EA	2	5%	2
1161		Deck Oven Manuf: Doyon ' Model: 2t3	EA	1	5%	1
1162		Undercounter Dishwasher Manuf: Hobart Model: Lxeh Hot	EA	1	5%	1
1163		Worktop W Freezer Manuf: True Model: Tuc-72-hc	EA	3	5%	3
1164		Refrigerator Manuf: Traulsen Model: G20010	EA	4	5%	4
1165		Freezer Manuf: Traulsen Model: G20010	EA	4	5%	4

Building Data Summary	
Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1166		Juice Extractor Manuf: Robot Coupe Model: J-80	EA	1	5%	1
1167		Food Blender Manuf: Avamix Model: 928bx1grg	EA	1	5%	1

DIVISION 21- FIRE SUPPRESSION

		Allownace For Sprinkler System				
1168		Main Gate	SF	13600	0%	13600
1169		Bell Tower	SF	430	0%	430
1170		Drum Tower	SF	430	0%	430
1171		Buddha Hall	SF	38342	0%	38342
1172		Dining Hall	SF	27144	0%	27144
1173		Dharma Hall	SF	18394	0%	18394
1174		Women's Restroom	SF	6700	0%	6700
1175		Men's Restroom	SF	6700	0%	6700

DIVISION 22- PLUMBING

		Buddha Hall				
		Waste Pipes (Cast Iron/Galv.Steel Schedule 40)				
1176		(2" Dia) Sanitary Pipe	LF	130	5%	137
1177		(2" Dia) Sanitary Pipe	LF	25	5%	26
1178		(2" Dia) Vent Pipe	LF	370	5%	389
1179		(3" Dia) Sanitary Pipe	LF	75	5%	79
1180		(4" Dia) Sanitary Pipe	LF	60	5%	63
		Domestic Pipes (Hard Drawn Copper Tube Type L)				
1181		(1" Dia) Cold Water Pipe	LF	160	5%	168
1182		(1/2" Dia) Cold Water Pipe	LF	70	5%	74
1183		(1/2" Dia) Hot Water Pipe	LF	155	5%	163
		Insulation				
1184		(1.5" Thick) Pipe Insulation	LF	160	5%	168
1185		(1" Thick) Pipe Insulation	LF	225	5%	236
		Connections				
1186		Tee	EA	24	0%	24
1187		(45*) Bend	EA	9	0%	9
1188		(90*) Bend	EA	17	0%	17
		Plumbing Fixtures				
1189		Drinking Fountain	EA	1	0%	1
1190		(3" Dia) Floor Cleanout	EA	1	0%	1
1191		Bar Sink	EA	6	0%	6
1192		Electric Water Heater (10 GAL) Manuf: A O SMITH Model: DEL-10	EA	3	0%	3
1193		Thermal Expansion Tank (5 GAL) Manuf: AMTROL Model: THREM-X TROL	EA	3	0%	3

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisions format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1194		Hand Sink (By Owner)	EA	1	0%	1
1195		Mop Sink W/ Non-Removeable Vacuumed Breaker (By Owner)	EA	1	0%	1
1196		(3/4" Dia) T&P Valve Drain	EA	1	0%	1
1197		(2" Dia) Wall Cleanout	EA	5	0%	5
1198		(2" Dia) Floor Drain W/ Trap Primer Manuf: JR-SMITH Model: 2005	EA	1	0%	1
1199		(1" Dia) Hose Bibb W/ Non-Removeable Vacuumed Breaker	EA	3	0%	3
1200		(1" Dia) Shut-Off Valve	EA	3	0%	3
1201		Floor Sink	EA	4	0%	4
1202		(2" Dia) VTR	EA	5	0%	5
		Dinning Hall				
		Waste Pipes (Cast Iron/Galv.Steel Schedule 40)				
1203		(1" Dia) Condensate Drain Pipe	LF	70	5%	74
1204		(1" Dia) Indirect Drain Pipe	LF	50	5%	53
1205		(2" Dia) FV Pipe	LF	145	5%	152
1206		(2" Dia) GS Pipe	LF	450	5%	473
1207		(2" Dia) Indirect Drain Pipe	LF	45	5%	47
1208		(2" Dia) Sanitary Pipe	LF	150	5%	158
1209		(2" Dia) Vent Pipe	LF	1475	5%	1549
1210		(3" Dia) GS Pipe	LF	110	5%	116
1211		(3" Dia) Sanitary Pipe	LF	315	5%	331
1212		(3" Dia) Vent Pipe	LF	20	5%	21
1213		(4" Dia) GS Pipe	LF	55	5%	58
1214		(4" Dia) Sanitary Pipe	LF	610	5%	641
		Domestic Pipes (Hard Drawn Copper Tube Type L)				
1215		(1" Dia) Cold Water Pipe	LF	230	5%	242
1216		(1" Dia) Hot Water Pipe	LF	180	5%	189
1217		(1/2" Dia) Cold Water Pipe	LF	370	5%	389
1218		(1/2" Dia) Cold Water Pipe UG	LF	85	5%	89
1219		(1/2" Dia) Hot Water Pipe	LF	130	5%	137
1220		(1-1/2" Dia) Cold Water Pipe	LF	115	5%	121
1221		(1-1/4" Dia) Hot Water Pipe	LF	150	5%	158
1222		(2" Dia) Cold Water Pipe	LF	305	5%	320
1223		(3/4" Dia) Cold Water Pipe	LF	205	5%	215
1224		(3/4" Dia) Hot Water Pipe	LF	295	5%	310
		Gas Pipe (Schedule 40 Black Steel)				
1225		(1-1/2" Dia) Gas Pipe	LF	20	5%	21
1226		(1-1/4" Dia) Gas Pipe	LF	105	5%	110
1227		(2" Dia) Gas Pipe	LF	80	5%	84
1228		(2-1/2" Dia) Gas Pipe	LF	60	5%	63
1229		(3" Dia) Gas Pipe	LF	130	5%	137
		Insulation				
1230		(1.5" Thick) Pipe Insulation	LF	675	5%	709
1231		(2" Thick) Pipe Insulation	LF	305	5%	320
1232		(1" Thick) Pipe Insulation	LF	1085	5%	1139
		Connections				
1233		Tee	EA	158	0%	158
1234		(45*) Bend	EA	36	0%	36
1235		(90*) Bend	EA	77	0%	77

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
Plumbing Fixtures						
1236		Drinking Fountain	EA	2	0%	2
1237		Full Grate Floor Sink Manuf: ZURN	EA	16	0%	16
1238		(2" Dia) Floor Cleanout	EA	4	0%	4
1239		(3" Dia) Floor Cleanout	EA	2	0%	2
1240		(2" Dia) Wall Cleanout	EA	23	0%	23
1241		Lavatory W/ Faucet	EA	4	0%	4
1242		ADA Lavatory	EA	3	0%	3
1243		(4" Dia) Floor Drain W/ Trap Primer Manuf: JR SMITH Model: 2005	EA	2	0%	2
1244		Water Closet, Flush Tank, Open Front Seat W/ Less Cover	EA	4	0%	4
1245		ADA Water Closet, Flush Tank, Open Front Seat W/ Less Cover	EA	5	0%	5
1246		4 Compartment Sink W/ Faucet (By Owner)	EA	2	0%	2
1247		ADA Lavatory W/ Self Closing Faucet & Mixing Valve	EA	3	0%	3
1248		Electric Water Heater (20 GAL) Manuf: AO SMITH Model: DEL-20	EA	2	0%	2
1249		Thermal Expansion Tank (5 GAL) Manuf: AMTROL Model: THREM-X TROL	EA	3	0%	3
1250		Mop Sink W/ Non Removable Vacuumed Breaker (By Owner)	EA	3	0%	3
1251		(3" Dia) Floor Drain W/ Trap Primer Manuf: JR SMITH Model: 2005	EA	3	0%	3
1252		Laundry Sink W/ Faucet (By Owner)	EA	2	0%	2
1253		(2" Dia) VTR	EA	10	0%	10
1254		3-Compartment Sink W/ Faucet & Garbage Disposal (By Owner)	EA	4	0%	4
1255		Half Grate Floor Sink Manuf: ZURN	EA	7	0%	7
1256		Hand Sink W/ Faucet (By Owner)	EA	6	0%	6
1257		(4" W) 8'/12' Full Grate Trench Drain Manuf: ZURN Model: Z884	EA	3	0%	3
1258		Gas Water Heater (100 GAL) Manuf: AO SMITH Model: BTH-199	EA	1	0%	1
1259		2-Compartment Sink W/ Faucet & Garbage Disposal (By Owner)	EA	3	0%	3
1260		(6" W) 20'/16' Full Grate Trench Drain Manuf: ZURN Model: Z884	EA	3	0%	3
1261		Washing Sink W/ Faucet (By Owner)	EA	1	0%	1
1262		(6" W) 20'/16' Full Grate Trench Drain Manuf: ZURN Model: Z884	EA	2	0%	2
1263		(4" W) 8'/12' Full Grate Trench Drain Manuf: ZURN Model: Z884	EA	2	0%	2

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1264		Hand Sink W/ Faucet (By Owner)	EA	1	0%	1
1265		Lavabo W/ Faucet (By Owner)	EA	2	0%	2
1266		(2" Dia) Floor Drain W/ Trap Primer Manuf: JR SMITH Model: 2005	EA	1	0%	1
1267		(4" Dia) Floor Cleanout	EA	2	0%	2
1268		ADA Urinal W/ Flush Valve	EA	4	0%	4
1269		(3" Dia) VTR	EA	1	0%	1
1270		4 Compartment Sink W/ Faucet (By Owner)	EA	1	0%	1
1271		Bar Sink W/ Faucet (By Owner)	EA	1	0%	1
1272		3 Compartment Sink W/ Faucet (By Owner)	EA	1	0%	1
1273		(3/4" Dia) Hose Bibb W/ Non Removable Vacuum Breaker	EA	2	0%	2
1274		(2" Dia) Shut-Off Valve	EA	3	0%	3
1275		(3" Dia) Insulation Valve	EA	1	0%	1
1276		(1/2" Dia) Shut-Off Valve	EA	4	0%	4
1277		(2" Dia) Hose Bibb W/ Non Removable Vacuum Breaker	EA	1	0%	1
1278		(1-1/4" Dia) Gas Cook	EA	7	0%	7
1279		(3/4" Dia) Shut-Off Valve	EA	3	0%	3
1280		(2" Dia) Gas Cook	EA	1	0%	1
1281		(1/2" Dia) Gas Cook	EA	3	0%	3
1282		(1" Dia) Gas Cook	EA	9	0%	9
1283		(1-1/2" Dia) Gas Cook	EA	1	0%	1
		Dharma Hall				
		Waste Pipes (Cast Iron/Galv.Steel Schedule 40)				
1284		(2" Dia) Sanitary Pipe	LF	70	5%	74
1285		(2" Dia) Vent Pipe	LF	310	5%	326
1286		(3" Dia) Sanitary Pipe	LF	60	5%	63
1287		(4" Dia) Sanitary Pipe	LF	340	5%	357
		Domestic Pipes (Hard Drawn Copper Tube Type L)				
1288		(1/2" Dia) Cold Water Pipe	LF	55	5%	58
1289		(1/2" Dia) Hot Water Pipe	LF	85	5%	89
1290		(1-1/2" Dia) Cold Water Pipe	LF	105	5%	110
1291		(1-1/4" Dia) Cold Water Pipe	LF	40	5%	42
1292		(2" Dia) Cold Water Pipe	LF	290	5%	305
1293		(2" Dia) Hot Water Pipe	LF	95	5%	100
1294		(3/4" Dia) Cold Water Pipe	LF	35	5%	37
1295		(3/4" Dia) Hot Water Pipe	LF	50	5%	53
		Insulation				
1296		(1.5" Thick) Pipe Insulation	LF	150	5%	158
1297		(2" Thick) Pipe Insulation	LF	385	5%	404
1298		(1" Thick) Pipe Insulation	LF	225	5%	236
		Connections				
1299		Tee	EA	59	0%	59
1300		(45*) Bend	EA	12	0%	12
1301		(90*) Bend	EA	16	0%	16
		Plumbing Fixtures				
1302		Water Closet, Flush Tank, Open Front Seat W/ Less Cover	EA	6	0%	6
1303		ADA Water Closet, Flush Tank, Open Front Seat W/ Less Cover	EA	6	0%	6
1304		Urinal W/ Flush Valve	EA	3	0%	3
1305		ADA Urinal W/ Flush Valve	EA	1	0%	1

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1306		Lavatory W/ Faucet	EA	4	0%	4
1307		ADA Lavatory W/ Faucet	EA	2	0%	2
1308		ADA Lavatory W/ Self Closing Faucet	EA	4	0%	4
1309		Hand Sink W/ Faucet (By Owner)	EA	1	0%	1
1310		Mop Sink W/ Non-Removable Vacuumed Breaker & Faucet (By Owner)	EA	2	0%	2
1311		(2" Dia) Hose Bibb W/ Non-Removable Vacuum Breaker	EA	2	0%	2
1312		(4" Dia) Floor Drain W/ Trap Primer Manuf: JR SMITH Model: 2005	EA	2	0%	2
1313		(3" Dia) Floor Drain W/ Trap Primer Manuf: JR SMITH Model: 2005	EA	1	0%	1
1314		Electric Water Heater (10 GAL) Manuf: AO SMITH Model: DEL-10	EA	3	0%	3
1315		Thermal Expansion Tank (5 GAL) Manuf: AMTROL Model: THREM-X TROL	EA	3	0%	3
1316		(2" Dia) Wall Cleanout	EA	12	0%	12
1317		(2" Dia) VTR	EA	7	0%	7
		Men's Restroom				
		Waste Pipes (Cast Iron/Galv.Steel Schedule 40)				
1318		(2" Dia) Sanitary Pipe	LF	105	5%	110
1319		(2" Dia) Vent Pipe	LF	350	5%	368
1320		(3" Dia) Sanitary Pipe	LF	180	5%	189
1321		(4" Dia) Sanitary Pipe	LF	270	5%	284
		Domestic Pipes (Hard Drawn Copper Tube Type L)				
1322		(1" Dia) Cold Water Pipe	LF	30	5%	32
1323		(1" Dia) Hot Water Pipe	LF	50	5%	53
1324		(1/2" Dia) Cold Water Pipe	LF	95	5%	100
1325		(1/2" Dia) Hot Water Pipe	LF	105	5%	110
1326		(1-1/2" Dia) Cold Water Pipe	LF	90	5%	95
1327		(2" Dia) Cold Water Pipe	LF	125	5%	131
1328		(3/4" Dia) Cold Water Pipe	LF	35	5%	37
1329		(3/4" Dia) Hot Water Pipe	LF	50	5%	53
		Insulation				
1330		(1.5" Thick) Pipe Insulation	LF	170	5%	179
1331		(2" Thick) Pipe Insulation	LF	125	5%	131
1332		(1" Thick) Pipe Insulation	LF	285	5%	299
		Connections				
1333		(45*) Bend	EA	21	0%	21
1334		Tee	EA	111	0%	111
1335		(90*) Bend	EA	14	0%	14
		Plumbing Fixtures				
1336		Water Closet, Flush Tank, Open Front Seat W/ Less Cover	EA	12	0%	12
1337		ADA Water Closet, Flush Tank, Open Front Seat W/ Less Cover	EA	5	0%	5
1338		Urinal, Flash Valve	EA	13	0%	13
1339		ADA Urinal, Flash Valve	EA	2	0%	2
1340		Lavatory W/ Faucet	EA	12	0%	12
1341		ADA Lavatory W/ Faucet	EA	2	0%	2

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1342		ADA Lavatory W/ Self Closing Faucet	EA	2	0%	2
1343		Hand Sink W/ Faucet (By Owner)	EA	2	0%	2
1344		Mop Sink W/ Non-Removable Vacuum Breaker & Faucet (By Owner)	EA	2	0%	2
1345		(2" Dia) Hose Bibb W/ Non-Removable Vacuum Breaker	EA	2	0%	2
1346		(2" Dia) Floor Drain W/ Trap Primer Manuf: JR SMITH Model: 2005	EA	6	0%	6
1347		Electric Water Heater (20 GAL) Manuf: A O SMITH Model: DEL-20	EA	2	0%	2
1348		Thermal Expansion Tank (5 GAL) Manuf: AMTROL Model: THREM-X TROL	EA	2	0%	2
1349		(4" Dia) VTR	EA	1	0%	1
1350		(2" Dia) Wall Cleanout	EA	21	0%	21
1351		(2" Dia) Water Hammer Arrester	EA	4	0%	4
		Women's Restroom				
		Waste Pipes (Cast Iron/Galv.Steel Schedule 40)				
1352		(2" Dia) Sanitary Pipe	LF	75	5%	79
1353		(2" Dia) Vent Pipe	LF	330	5%	347
1354		(2-1/2" Dia) Vent Pipe	LF	205	5%	215
1355		(3" Dia) Sanitary Pipe	LF	55	5%	58
1356		(4" Dia) Sanitary Pipe	LF	350	5%	368
		Domestic Pipes (Hard Drawn Copper Tube Type L)				
1357		(1" Dia) Cold Water Pipe	LF	30	5%	32
1358		(1" Dia) Hot Water Pipe	LF	105	5%	110
1359		(1/2" Dia) Cold Water Pipe	LF	180	5%	189
1360		(1/2" Dia) Hot Water Pipe	LF	120	5%	126
1361		(1-1/2" Dia) Cold Water Pipe	LF	60	5%	63
1362		(2" Dia) Cold Water Pipe	LF	245	5%	257
		Insulation				
1363		(1.5" Thick) Pipe Insulation	LF	195	5%	205
1364		(2" Thick) Pipe Insulation	LF	245	5%	257
1365		(1" Thick) Pipe Insulation	LF	300	5%	315
		Connections				
1366		(90*) Bend	EA	20	0%	20
1367		Tee	EA	120	0%	120
1368		(45*) Bend	EA	11	0%	11
		Plumbing Fixtures				
1369		Water Closet, Flush Tank, Open Front Seat W/ Less Cover	EA	25	0%	25
1370		ADA Water Closet, Flush Tank, Open Front Seat W/ Less Cover	EA	2	0%	2
1371		Lavatory W/ Faucet	EA	16	0%	16
1372		ADA Lavatory	EA	3	0%	3
1373		Hand Sink W/ Faucet (By Owner)	EA	2	0%	2
1374		Mop Sink W/ Non-Removable Vacuum Breaker & Faucet (By Owner)	EA	2	0%	2
1375		(2" Dia) Hose Bibb W/ Non-Removable Vacuum Breaker	EA	2	0%	2
1376		(2" Dia) Floor Drain W/ Trap Primer Manuf: JR SMITH Model: 2005	EA	5	0%	5

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1377		Electrical Water Heater (20 GAL) Manuf: AO SMITH Model: DEL-20	EA	2	0%	2
1378		Thermal Expansion Tank (5 GAL) Manuf: AMTROL Model: THREM-X TROL	EA	2	0%	2
1379		(3" Dia) VTR	EA	4	0%	4
1380		(2" Dia) Wall Cleanout	EA	21	0%	21
1381		(2-1/2" Dia) Wall Cleanout	EA	12	0%	12
1382		(3" Dia) Wall Cleanout	EA	1	0%	1
1383		(3" Dia) Floor Cleanout	EA	1	0%	1
1384		(2" Dia) Water Hammer Arrester	EA	3	0%	3

DIVISION 25- HVAC/MECHANICAL

Buddha Hall					
Ducts					
1385	(10" Dia) Flexible Duct	LF	115	5%	121
1386	(10" Dia) Round Duct	LF	360	5%	378
1387	(12" Dia) Flexible Duct	LF	45	5%	47
1388	(12" Dia) Round Duct	LF	405	5%	425
1389	(14" Dia) Flexible Duct	LF	15	5%	16
1390	(14" Dia) Round Duct	LF	335	5%	352
1391	(16" Dia) Round Duct	LF	50	5%	53
1392	(18" Dia) Round Duct	LF	120	5%	126
1393	(20" Dia) Round Duct	LF	35	5%	37
1394	(20"x20") Rectangular Duct	LF	120	5%	126
1395	(20"x8") Rectangular Duct	LF	55	5%	58
1396	(24"x24") Rectangular Duct	LF	110	5%	116
1397	(28"x28") Rectangular Duct	LF	195	5%	205
1398	(6" Dia) Flexible Duct	LF	20	5%	21
1399	(6" Dia) Round Duct	LF	25	5%	26
1400	(60"x20") Rectangular Duct	LF	245	5%	257
1401	(8" Dia) Flexible Duct	LF	30	5%	32
1402	(8" Dia) Round Duct	LF	165	5%	173
Connections					
1403	Elbow W/ Turning Vanes	EA	4	0%	4
1404	Radius Elbow	EA	27	0%	27
1405	45* Elbow	EA	17	0%	17
1406	Duct Transition	EA	69	0%	69
HVAC Fixtures					
1407	Volume Damper	EA	80	0%	80
1408	(14"x14") Ceiling Diffuser	EA	12	0%	12
1409	(72"x24") Louver	EA	2	0%	2
1410	(24"x24") Ceiling Register	EA	6	0%	6
1411	(32"x8") Supply Diffuser	EA	8	0%	8
1412	(12"x12") Ceiling Diffuser	EA	28	0%	28
1413	(96"x18") Louver	EA	2	0%	2
1414	(8"x8") Ceiling Diffuser	EA	2	0%	2

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1415		(6"x6") Ceiling Diffuser	EA	2	0%	2
1416		(8"x8") Return Register	EA	4	0%	4
1417		(14"x14") Return Register	EA	4	0%	4
1418		(10"x10") Ceiling Diffuser	EA	9	0%	9
1419		(16"x16") Ceiling Diffuser	EA	11	0%	11
1420		(18"x18") Ceiling Diffuser	EA	4	0%	4
1421		(16" Dia) Round Diffuser	EA	4	0%	4
1422		Split Heat Pump Unit (34200 BTUH) Manuf: CARRIER Model: 25HHA436A	EA	2	0%	2
1423		Fan Coil Unit W/ Drain Pan & Fully Insulated, Include Primary & Secondary Drain and Merv 13 Air Filter Manuf: CARRIER Model: FV4A-003	EA	2	0%	2
1424		Split Heat Pump Unit (55000 BTUH) Manuf: CARRIER Model: 5HHA460A	EA	2	0%	2
1425		Fan Coil Unit W/ Drain Pan & Fully Insulated, Include Primary & Secondary Drain and Merv 13 Air Filter Manuf: CARRIER Model: FV4A-006	EA	2	0%	2
1426		Split Heat Pump Unit (222000 BTUH) Manuf: CARRIER Model: 38AUQA25	EA	4	0%	4
1427		Air Handling Unit W/ Drain Pan & Fully Insulated, Include Primary & Secondary Drain and Merv 13 Air Filter Manuf: CARRIER Model: 40RUAA25	EA	4	0%	4
1428		Propeller Wall Fan W/ Galvanized Wall Housing, Bird Screen, Guard & Shutter & Electrically Interlocked W/ On-Off Switch Manuf: COOK Model: 36 XLP LOW PRESSURE PROPELLER PACKAGED FAN	EA	9	0%	9
		Dinning Hall				
		Ducts				
1429		(10" Dia) Flexible Duct	LF	20	5%	21
1430		(10" Dia) Round Duct	LF	140	5%	147
1431		(12" Dia) Flexible Duct	LF	20	5%	21
1432		(12" Dia) Round Duct	LF	370	5%	389
1433		(14" Dia) Round Duct	LF	230	5%	242
1434		(16" Dia) Round Duct	LF	190	5%	200
1435		(18" Dia) Round Duct	LF	130	5%	137
1436		(20" Dia) Round Duct	LF	30	5%	32
1437		(22" Dia) Round Duct	LF	50	5%	53
1438		(24" Dia) Round Duct	LF	50	5%	53
1439		(24"x24") Rectangular Duct	LF	50	5%	53
1440		(30"x30") Rectangular Duct	LF	110	5%	116
1441		(6" Dia) Flexible Duct	LF	15	5%	16
1442		(6" Dia) Round Duct	LF	30	5%	32
1443		(8" Dia) Flexible Duct	LF	15	5%	16

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1444		(8" Dia) Round Duct	LF	70	5%	74
		Connections				
1445		Radius Elbow	EA	10	0%	10
1446		45* Elbow	EA	2	0%	2
1447		Duct Transition	EA	35	0%	35
1448		Duct Cap	EA	4	0%	4
		HVAC Fixtures				
1449		Volume Damper	EA	44	0%	44
1450		(8"x8") Ceiling Diffuser	EA	8	0%	8
1451		(12"x12") Ceiling Diffuser	EA	2	0%	2
1452		(14"x14") Ceiling Diffuser	EA	3	0%	3
1453		(10"x10") Ceiling Diffuser	EA	3	0%	3
1454		(14" Dia) Round Diffuser	EA	38	0%	38
1455		Rooftop Packaged Air Conditioner W/ Merv 13 Filter (73500 BTUH) Manuf: CARRIER Model: 48HCMA04	EA	1	0%	1
1456		Rooftop Packaged Air Conditioner W/ Merv 13 Filter (73500 BTUH) Manuf: CARRIER Model: 48HCMA06	EA	2	0%	2
1457		Rooftop Packaged Air Conditioner W/ Merv 13 Filter (146000 BTUH) Manuf: CARRIER Model: 48HCED14	EA	2	0%	2
1458		Rooftop Packaged Air Conditioner W/ Merv 13 Filter (232000 BTUH) Manuf: CARRIER Model: 48HCED24	EA	2	0%	2
1459		Make-Up Air Unit Manuf: CHAMPION Model: 4001DD	EA	4	0%	4
1460		Make-Up Air Unit Manuf: CHAMPION Model: 5000DD	EA	3	0%	3
1461		Kitchen Hood Exhaust Fan (Grease) Manuf: COOK Model: 180VH8B	EA	2	0%	2
1462		Kitchen Hood Exhaust Fan (Grease) Manuf: COOK Model: 180VH7B	EA	1	0%	1
1463		Kitchen Hood Exhaust Fan (Grease) Manuf: COOK Model: 210VH9B	EA	3	0%	3
1464		Kitchen Hood Exhaust Fan (Grease) Manuf: COOK Model: 150V3B	EA	1	0%	1

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1465		Kitchen Hood Exhaust Fan (Grease) Manuf: COOK Model: 150V4B	EA	1	0%	1
		Dharma Hall				
		Ducts				
1466		(10" Dia) Flexible Duct	LF	120	5%	126
1467		(10" Dia) Round Duct	LF	345	5%	362
1468		(12" Dia) Flexible Duct	LF	20	5%	21
1469		(12" Dia) Round Duct	LF	175	5%	184
1470		(14" Dia) Flexible Duct	LF	20	5%	21
1471		(14" Dia) Round Duct	LF	130	5%	137
1472		(16" Dia) Round Duct	LF	50	5%	53
1473		(18" Dia) Round Duct	LF	35	5%	37
1474		(20"x20") Rectangular Duct	LF	50	5%	53
1475		(20"x8") Rectangular Duct	LF	80	5%	84
1476		(24"x24") Rectangular Duct	LF	85	5%	89
1477		(28"x28") Rectangular Duct	LF	70	5%	74
1478		(6" Dia) Flexible Duct	LF	30	5%	32
1479		(6" Dia) Round Duct	LF	205	5%	215
1480		(8" Dia) Flexible Duct	LF	15	5%	16
1481		(8" Dia) Round Duct	LF	60	5%	63
		Connections				
1482		Radius Elbow	EA	42	0%	42
1483		45° Elbow	EA	10	0%	10
1484		Duct Transition	EA	53	0%	53
		HVAC Fixtures				
1485		Volume Damper	EA	54	0%	54
1486		(10"x10") Ceiling Diffuser	EA	46	0%	46
1487		(6"x6") Ceiling Diffuser	EA	4	0%	4
1488		(22"x22") Return Register	EA	3	0%	3
1489		(8"x8") Return Register	EA	4	0%	4
1490		(12"x12") Return Register	EA	3	0%	3
1491		(16"x16") Return Register	EA	4	0%	4
1492		(8"x8") Ceiling Diffuser	EA	5	0%	5
1493		(8"x8") Exhaust Register	EA	4	0%	4
1494		(18"x18") Return Register	EA	4	0%	4
1495		(36"x24") OSA Intake Louver W/ 1/2" Wire Mesh	EA	2	0%	2
1496		Variable Refrigerant Flow System W/ Isolator & 2" Deflection and Neoprene Pad (270000 BTUH) Manuf: MITSUBISHI Model: PURY-P240YSNU	EA	2	0%	2
1497		Fan Coil Unit W/ Primary & Secondary Drain and Merv 13 Filter Manuf: MITSUBISHI Model: PVFY-P18	EA	4	0%	4
1498		Fan Coil Unit W/ Primary & Secondary Drain and Merv 13 Filter Manuf: MITSUBISHI Model: PVFY-P24	EA	5	0%	5

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1499		Fan Coil Unit W/ Primary & Secondary Drain and Merv 13 Filter Manuf: MITSUBISHI Model: PVFY-P54	EA	4	0%	4
1500		Fan Coil Unit W/ Primary & Secondary Drain and Merv 13 Filter Manuf: MITSUBISHI Model: PVFY-P18	EA	2	0%	2
1501		Fan Coil Unit W/ Primary & Secondary Drain and Merv 13 Filter Manuf: MITSUBISHI Model: PVFY-P36	EA	3	0%	3
1502		Ceiling Exhaust Fan W/ Wall Jack & Backdrafts Damper Manuf: COOK Model: GEMINI GC-240	EA	5	0%	5
1503		Duct Wall Cap	EA	2	0%	2
1504		Water Cooled Condensing Unit	EA	1	0%	1
1505		Condensing Unit	EA	1	0%	1

DIVISION 26- ELECTRICAL

		Buddha Hall				
		Conduit & Wiring				
1506		1-1/4" Conduit-(4)#4+#8G Wire	LF	240	5%	252
1507		2" Conduit-(4)#1/0+#6G Wire	LF	30	5%	32
1508		3/4" Conduit-(3) #6+#10G Wire	LF	460	5%	483
1509		2-1/2" Conduit-(4)#250+#4G Wire	LF	240	5%	252
1510		3/4" Conduit-(3) #8+#10G Wire	LF	60	5%	63
1511		CAT 6 Cable @ Data Outlet	LF	110	5%	116
1512		2#12,1#12,CU,Gnd Wire @ Receptacle	LF	1680	5%	1764
1513		2#12,1#12,CU,Gnd Wire @ Lighting & Switch	LF	8265	5%	8678
		Power Fixtures				
1514		Duplex Receptacle	EA	94	0%	94
1515		Fused Disconnect Switch (3P/30A)	EA	17	0%	17
1516		Fused Disconnect Switch (2P/30A)	EA	7	0%	7
1517		Fused Disconnect Switch (3P/60A)	EA	8	0%	8
1518		GFCI Convenience Outlet	EA	17	0%	17
1519		Double Duplex Receptacle	EA	1	0%	1
1520		Single Pole Toggle Switch	EA	2	0%	2
1521		Data Outlet	EA	7	0%	7
1522		Plywood Backboard	EA	1	0%	1
		Lighting Fixtures				
1523		2'x2' Led Light Dimmable (44 Watt) Manuf: LITHONIA LIGHTING Model: 2BLT2 48L	EA	90	0%	90
1524		2'x2' Led Light Dimmable W/ 90 Min Battery Backup (44 Watt) Manuf: LITHONIA LIGHTING Model: 2BLT2 48L	EA	41	0%	41
1525		3-Way Dimmer Switch	EA	1	0%	1

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1526		3-Way Switch	EA	6	0%	6
1527		8" Exterior Led Downlight (67 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	78	0%	78
1528		8" Led Downlight Dimmable (92 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	136	0%	136
1529		8" Led Downlight Dimmable W/ 90 Min Battery Backup (92 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	45	0%	45
1530		Astronomical Time Switch For Lighting Control	EA	2	0%	2
1531		Dimmer Switch	EA	13	0%	13
1532		Exit Sign W/ 90 Mint Battery Backup (5 Watt) Manuf: LITHONIA LIGHTING Model: EDG 1REL	EA	20	0%	20
1533		Lighting Plug Load Control Power Pack (20A)	EA	54	0%	54
1534		Occupancy Sensor	EA	34	0%	34
1535		Photocell	EA	14	0%	14
1536		Single Pole Toggle Switch	EA	17	0%	17
		Riser Diagram				
1537		Panel HA Volt: 480/277 Amps: 600	EA	1	0%	1
1538		Panel LA1 Volt: 280/120 Amps: 225	EA	1	0%	1
1539		Panel LA2 Volt: 208/120 Amps: 225	EA	1	0%	1
1540		Panel HA1 Volt: 480/277 Amps: 250	EA	1	0%	1
1541		Panel LA1B Volt: 280/120 Amps: 125	EA	1	0%	1
1542		Panel LA2B Volt: 280/120 Amps: 125	EA	1	0%	1
1543		Circuit Breaker (20A/1P)	EA	52	0%	52
1544		Circuit Breaker (70A/3P)	EA	4	0%	4
1545		Circuit Breaker (250A/3P)	EA	1	0%	1
1546		Circuit Breaker (40A/3P)	EA	4	0%	4
1547		Circuit Breaker (20A/2P)	EA	7	0%	7
1548		Circuit Breaker (20A/3P)	EA	17	0%	17
1549		Allowance For Grounding	EA	2	0%	2
1550		Circuit Breaker (600A/3P)	EA	1	0%	1
1551		Transformer (45KVA)	EA	2	0%	2
1552		Circuit Breaker (150A/3P)	EA	2	0%	2

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1553		Circuit Breaker (60A/3P)	EA	4	0%	4
		Dinning Hall				
		Conduit & Wiring				
1554		2" Conduit-(4)#3/0+#6G Wire	LF	100	5%	105
1555		2" Conduit-(4)#3/0+#4G Wire	LF	20	5%	21
1556		1-1/4" Conduit-(3)#3+#8G Wire	LF	15	5%	16
1557		3" Conduit-(4)#350+#2G Wire	LF	180	5%	189
1558		3/4" Conduit-(3) #10+#10G Wire	LF	30	5%	32
1559		3/4" Conduit-(3) #8+#10G Wire	LF	60	5%	63
1560		3/4" Conduit-(3) #6+#10G Wire	LF	45	5%	47
1561		3/4" Conduit-(4) #10+#10G Wire	LF	15	5%	16
1562		3/4" Conduit-(4) #10+#8G Wire	LF	15	5%	16
1563		2#12,1#12,CU,Gnd Wire @ Receptacle	LF	1280	5%	1344
1564		2#12,1#12,CU,Gnd Wire @ Lighting & Switch	LF	5640	5%	5922
1565		Flex Metal Wire	LF	110	5%	116
		Power Fixtures				
1566		Duplex Receptacle	EA	20	0%	20
1567		Special Receptacle	EA	6	0%	6
1568		GFCI Convenience Outlet	EA	53	0%	53
1569		Telephone Backboard	EA	1	0%	1
1570		Fused Disconnect Switch (2P/30A)	EA	2	0%	2
1571		Fused Disconnect Switch (3P/30A)	EA	4	0%	4
1572		Fused Disconnect Switch (3P/60A)	EA	5	0%	5
1573		Fused Disconnect Switch (3P/100A)	EA	1	0%	1
1574		Junction Box	EA	18	0%	18
1575		Fused Disconnect Switch (2P/60A)	EA	1	0%	1
1576		Hood Light, Fan Control Station	EA	6	0%	6
1577		Astronomical Controller	EA	3	0%	3
1578		Single Pole Toggle Switch	EA	6	0%	6
		Lighting Fixtures				
1579		2'x2' Led Light Dimmable (44 Watt) Manuf: LITHONIA LIGHTING Model: 2BLT2 48L	EA	141	0%	141
1580		2'x2' Led Light Dimmable W/ 90 Min Battery Backup (44 Watt) Manuf: LITHONIA LIGHTING Model: 2BLT2 48L	EA	28	0%	28
1581		3-Way Dimmer Switch	EA	16	0%	16
1582		3-Way Switch	EA	4	0%	4
1583		6" Downlight (18 Watt) Manuf: LITHONIA LIGHTING Model: LDN6 40/10 LO6 AR 277	EA	9	0%	9
1584		8" Exterior Led Downlight (67 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	19	0%	19
1585		8" Led Downlight Dimmable (92 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	59	0%	59

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1586		8" Led Downlight Dimmable W/ 90 Min Battery Backup (92 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	19	0%	19
1587		Astronomical Time Switch For Lighting Control	EA	2	0%	2
1588		Dimmer Switch	EA	7	0%	7
1589		Exit Sign W/ 90 Mint Battery Backup (5 Watt) Manuf: LITHONIA LIGHTING Model: EDG 1REL	EA	11	0%	11
1590		Lighting Plug Load Control Power Pack (20A)	EA	29	0%	29
1591		Occupancy Sensor	EA	17	0%	17
1592		Photocell	EA	8	0%	8
1593		Single Pole Toggle Switch	EA	7	0%	7
		Roof				
1594		WP Fused Disconnect Switch (3P/60A)	EA	4	0%	4
1595		WP,WR GFCI Convenience Outlet	EA	6	0%	6
1596		WP Fused Disconnect Switch (1P/30A)	EA	7	0%	7
1597		WP Fused Disconnect Switch (3P/30A)	EA	10	0%	10
1598		WP Fused Disconnect Switch (2P/30A)	EA	4	0%	4
		Riser Diagram				
1599		Panel HC Volt: 480/277 Amps: 600	EA	1	0%	1
1600		Panel LC1 Volt: 208/120 Amps: 225	EA	1	0%	1
1601		Panel LC2 Volt: 208/120 Amps: 225	EA	1	0%	1
1602		Panel HC1 Volt: 480/277 Amps: 400	EA	1	0%	1
1603		Panel LC1B Volt: 208/120 Amps: 225	EA	1	0%	1
1604		Panel LC2B Volt: 208/120 Amps: 225	EA	1	0%	1
1605		Circuit Breaker (300A/3P)	EA	1	0%	1
1606		Circuit Breaker (100A/3P)	EA	2	0%	2
1607		Circuit Breaker (20A/1P)	EA	82	0%	82
1608		Circuit Breaker (30A/2P)	EA	2	0%	2
1609		Circuit Breaker (25A/3P)	EA	1	0%	1
1610		Circuit Breaker (20A/3P)	EA	17	0%	17
1611		Circuit Breaker (45A/2P)	EA	1	0%	1
1612		Circuit Breaker (20A/2P)	EA	2	0%	2
1613		Circuit Breaker (600A/3P)	EA	1	0%	1
1614		Circuit Breaker (200A/3P)	EA	2	0%	2
1615		Circuit Breaker (40A/3P)	EA	7	0%	7

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1616		Transformer (75KVA)	EA	2	0%	2
1617		Allowance For Grounding	EA	2	0%	2
1618		Circuit Breaker (60A/3P)	EA	1	0%	1
1619		Circuit Breaker (70A/3P)	EA	1	0%	1
1620		Circuit Breaker (45A/3P)	EA	1	0%	1
1621		Circuit Breaker (30A/3P)	EA	3	0%	3
		Dharma Hall				
		Conduit & Wiring				
1622		1-1/4" Conduit-(4)#3+#8G Wire	LF	175	5%	184
1623		2" Conduit-(4)#3/0+#4G Wire	EA	15	0%	15
1624		CAT 6 Cable @ Data Outlet	LF	230	5%	242
1625		3/4" Conduit-(3) #10+#10G Wire	LF	90	5%	95
1626		2#12,1#12,CU,Gnd Wire @ Receptacle	LF	1350	5%	1418
1627		2#12,1#12,CU,Gnd Wire @ Lighting & Switch	LF	5220	5%	5481
		Power Fixtures				
1628		GFCI Convenience Outlet	EA	7	0%	7
1629		Duplex Receptacle	EA	80	0%	80
1630		Fused Disconnect Switch (2P/30A)	EA	4	0%	4
1631		Data Outlet	EA	15	0%	15
1632		Motor Starter Switch	EA	19	0%	19
1633		Fused Disconnect Switch (3P/30A)	EA	4	0%	4
1634		Special Receptacle	EA	1	0%	1
1635		Double Duplex Receptacle	EA	1	0%	1
1636		Plywood Backboard	EA	1	0%	1
		Lighting Fixtures				
1637		8" Exterior Led Downlight (67 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	28	0%	28
1638		2'x2' Led Light Dimmable (44 Watt) Manuf: LITHONIA LIGHTING Model: 2BLT2 48L	EA	81	0%	81
1639		2'x2' Led Light Dimmable W/ 90 Min Battery Backup (44 Watt) Manuf: LITHONIA LIGHTING Model: 2BLT2 48L	EA	21	0%	21
1640		3-Way Dimmer Switch	EA	6	0%	6
1641		3-Way Switch	EA	10	0%	10
1642		4'x2' Led Light (67 Watt) Manuf: LITHONIA LIGHTING Model: 2BLT4 72L LP840 N100	EA	18	0%	18
1643		4'x2' Led Light W/ 90 Min Battery Backup (67 Watt) Manuf: LITHONIA LIGHTING Model: 2BLT4 72L LP840 N100	EA	6	0%	6
1644		6" Downlight (18 Watt) Manuf: LITHONIA LIGHTING Model: LDN6 40/10 LO6 AR 277	EA	10	0%	10
1645		8" Led Downlight Dimmable (92 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	35	0%	35

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1646		8" Led Downlight Dimmable W/ 90 Min Battery Backup (92 Watt) Manuf: LITHONIA LIGHTING Model: LDN8 27/80 LO8AR MVOLT	EA	11	0%	11
1647		Dimmer Switch	EA	14	0%	14
1648		Exit Sign W/ 90 Mint Battery Backup (5 Watt) Manuf: LITHONIA LIGHTING Model: EDG 1REL	EA	9	0%	9
1649		Lighting Plug Load Control Power Pack (20A)	EA	31	0%	31
1650		Occupancy Sensor	EA	33	0%	33
1651		Photocell	EA	6	0%	6
1652		Single Pole Toggle Switch	EA	10	0%	10
		Riser Diagram				
1653		Panel HB Volt: 480/277 Amps: 400	EA	1	0%	1
1654		Panel LB Volt: 208/120 Amps: 225	EA	1	0%	1
1655		Panel LB1 Volt: 208/120 Amps: 125	EA	1	0%	1
1656		Panel LB1B Volt: 208/120 Amps: 125	EA	1	0%	1
1657		Circuit Breaker (20A/1P)	EA	34	0%	34
1658		Circuit Breaker (20A/2P)	EA	4	0%	4
1659		Circuit Breaker (100A/3P)	EA	2	0%	2
1660		Circuit Breaker (15A/2P)	EA	8	0%	8
1661		Circuit Breaker (25A/3P)	EA	4	0%	4
1662		Circuit Breaker (30A/2P)	EA	1	0%	1
1663		Circuit Breaker (15A/2P)	EA	12	0%	12
1664		Circuit Breaker (400A/3P)	EA	1	0%	1
1665		Circuit Breaker (200A/3P)	EA	1	0%	1
1666		Transformer (75KVA)	EA	1	0%	1
1667		Allowance For Grounding	EA	1	0%	1
		Men's Restroom				
		Conduit & Wiring				
1668		3/4" Conduit-(3)#10+#10G Wire	LF	30	5%	32
1669		1-1/2" Conduit-(3)#1+#6G Wire	LF	10	5%	11
1670		2" Conduit-(4)#3/0+#4G Wire	LF	15	5%	16
1671		1-1/2" Conduit-(4)#1+#6G Wire	LF	100	5%	105
1672		2#12,1#12,CU,Gnd Wire @ Receptacle	LF	350	5%	368
1673		2#12,1#12,CU,Gnd Wire @ Lighting & Switch	LF	1400	5%	1470
		Power Fixtures				
1674		GFCI Convenience Outlet	EA	9	0%	9
1675		WP,WR GFCI Convenience Outlet	EA	2	0%	2
1676		Duplex Receptacle	EA	12	0%	12
1677		Fused Disconnect Switch (2P/30A)	EA	2	0%	2

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1678		Fused Disconnect Switch (3P/100A)	EA	1	0%	1
		Lighting Fixtures				
1679		6" Downlight (18 Watt) Manuf: LITHONIA LIGHTING Model: LDN6 40/10 LO6 AR 277	EA	61	0%	61
1680		Single Pole Toggle Switch	EA	12	0%	12
1681		Occupancy Sensor	EA	20	0%	20
		Riser Diagram				
1682		Panel LE Volt: 208/120 Amps: 225	EA	1	0%	1
1683		Panel LE2 Volt: 208/120 Amps: 225	EA	1	0%	1
1684		Circuit Breaker (100A/3P)	EA	1	0%	1
1685		Circuit Breaker (20A/1P)	EA	8	0%	8
1686		Circuit Breaker (200A/3P)	EA	1	0%	1
1687		Transformer (75KVA)	EA	1	0%	1
1688		Allowance For Grounding	EA	1	0%	1
		Women Restroom				
		Conduit & Wiring				
1689		3/4" Conduit-(3)#10+#10G Wire	LF	30	5%	32
1690		1-1/2" Conduit-(3)#1+#6G Wire	LF	10	5%	11
1691		2" Conduit-(4)#3/0+#4G Wire	LF	15	5%	16
1692		1-1/2" Conduit-(4)#1+#6G Wire	LF	100	5%	105
1693		2#12,1#12,CU,Gnd Wire @ Receptacle	LF	320	5%	336
1694		2#12,1#12,CU,Gnd Wire @ Lighting & Switch	LF	1250	5%	1313
		Power Fixture				
1695		Duplex Receptacle	EA	12	0%	12
1696		GFCI Convenience Outlet	EA	7	0%	7
1697		WP,WR GFCI Convenience Outlet	EA	2	0%	2
1698		Fused Disconnect Switch (2P/30A)	EA	2	0%	2
1699		Fused Disconnect Switch (3P/100A)	EA	1	0%	1
		Lighting Fixtures				
1700		6" Downlight (18 Watt) Manuf: LITHONIA LIGHTING Model: LDN6 40/10 LO6 AR 277	EA	55	0%	55
1701		Single Pole Toggle Switch	EA	9	0%	9
1702		Occupancy Sensor	EA	19	0%	19
		Riser Diagram				
1703		Panel LD Volt: 208/120 Amps: 225	EA	1	0%	1
1704		Panel LD2 Volt: 208/120 Amps: 225	EA	1	0%	1
1705		Circuit Breaker (100A/3P)	EA	2	0%	2
1706		Circuit Breaker (20A/1P)	EA	8	0%	8
1707		Circuit Breaker (200A/3P)	EA	1	0%	1

Building Data Summary

Project ID:	Commercial Project
Location:	*****88
Scope of Work:	GC - CSI Divisons format
Date:	December 07, 2024



VERACITY
ESTIMATING

Construction Estimation Services

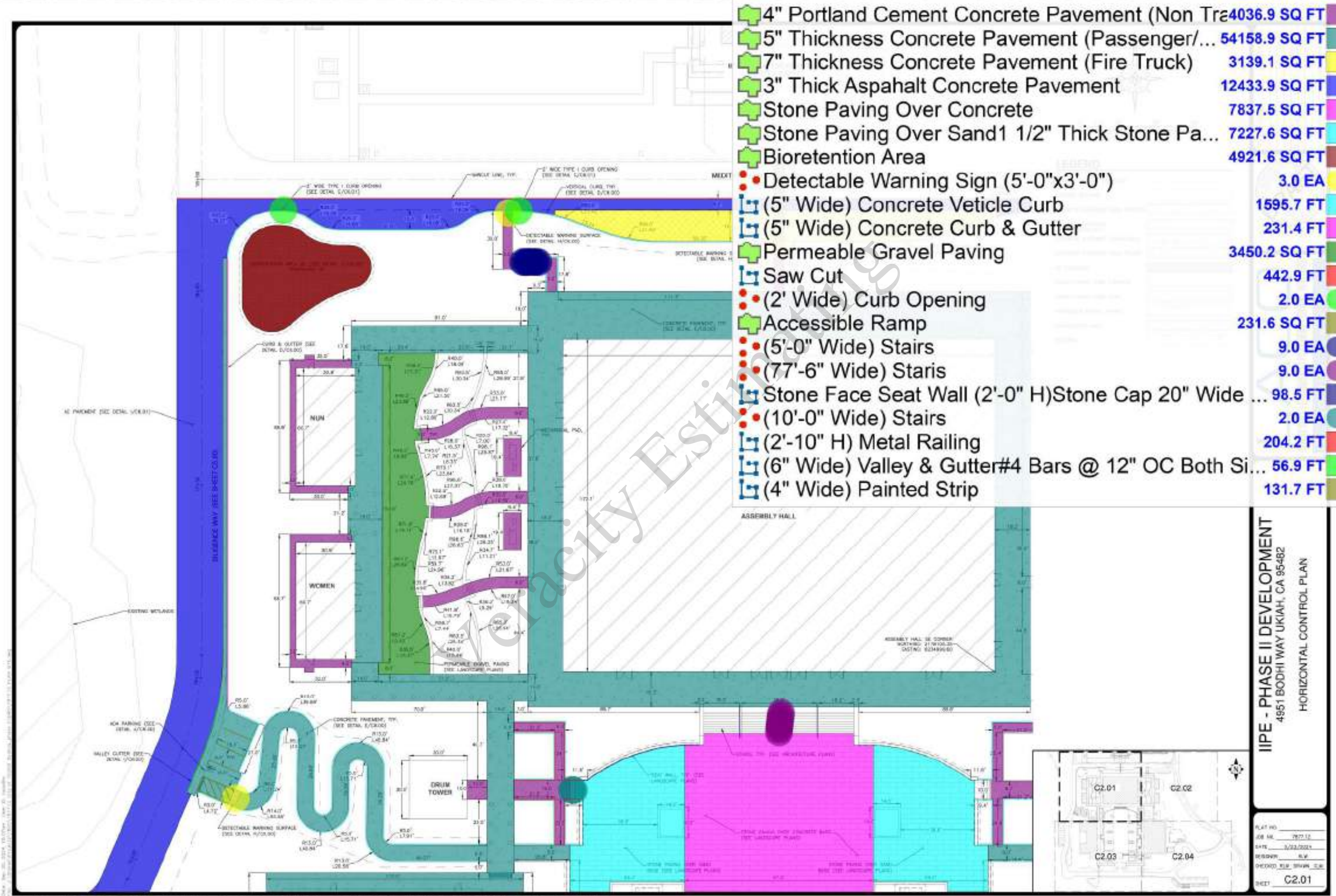
Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
1708		Transformer (75KVA)	EA	1	0%	1
1709		Allowance For Grounding	EA	1	0%	1

DIVISION 27- INTEGRATED AUDIOVISUAL SYSTEMS

		Allownace For Audiovisual System				
1710		Main Gate	SF	13600	0%	13600
1711		Bell Tower	SF	430	0%	430
1712		Drum Tower	SF	430	0%	430
1713		Buddha Hall	SF	38342	0%	38342
1714		Dining Hall	SF	27144	0%	27144
1715		Dharma Hall	SF	18394	0%	18394
1716		Women's Restroom	SF	6700	0%	6700
1717		Men's Restroom	SF	6700	0%	6700

DIVISION 28- ELECTRONIC SAFETY & SECURITY

		Allownace For Safety & Security System				
1718		Main Gate	SF	13600	0%	13600
1719		Bell Tower	SF	430	0%	430
1720		Drum Tower	SF	430	0%	430
1721		Buddha Hall	SF	38342	0%	38342
1722		Dining Hall	SF	27144	0%	27144
1723		Dharma Hall	SF	18394	0%	18394
1724		Women's Restroom	SF	6700	0%	6700
1725		Men's Restroom	SF	6700	0%	6700

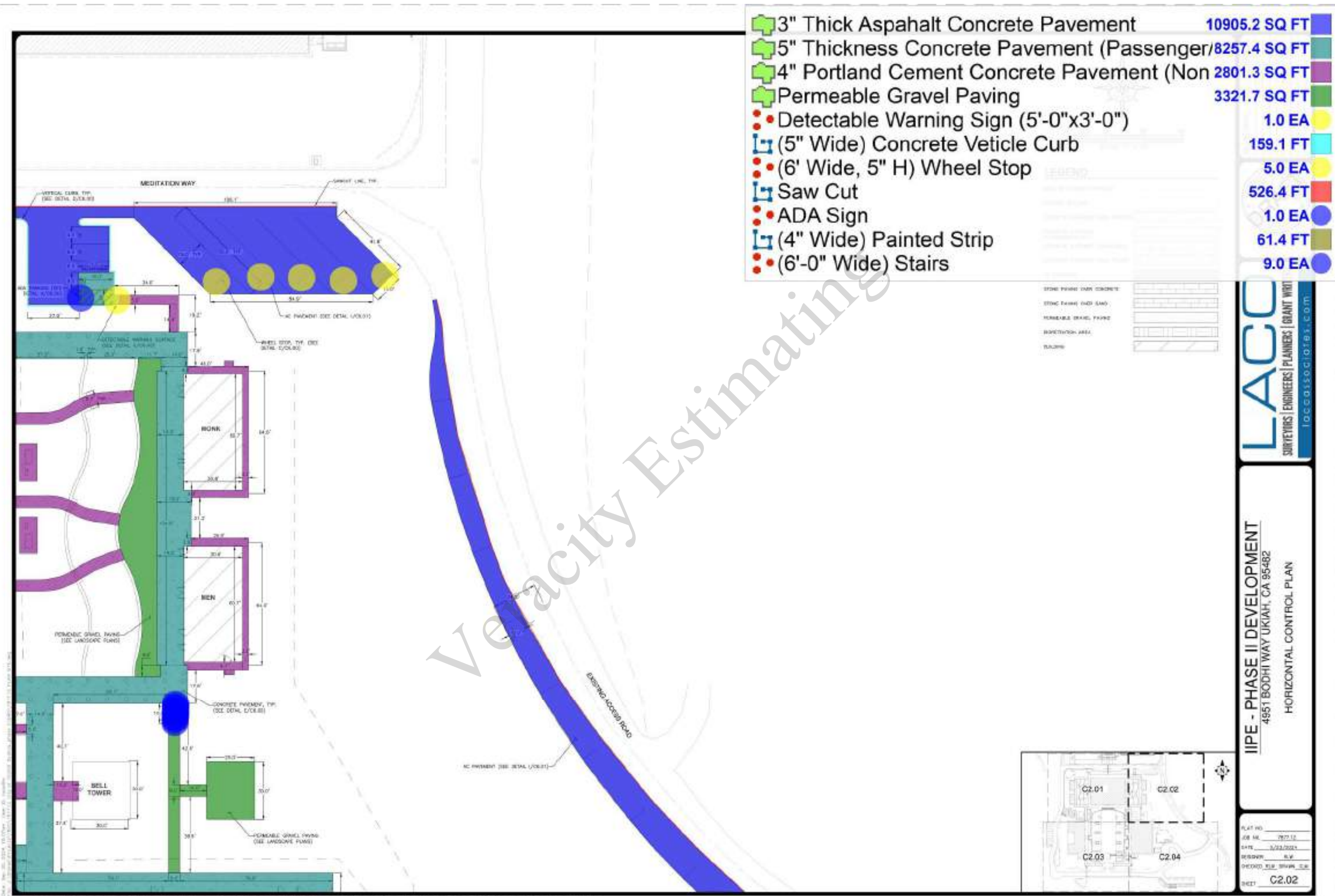


- 4" Portland Cement Concrete Pavement (Non Traffic) 4036.9 SQ FT
- 5" Thickness Concrete Pavement (Passenger/Truck) 54158.9 SQ FT
- 7" Thickness Concrete Pavement (Fire Truck) 3139.1 SQ FT
- 3" Thick Asphalt Concrete Pavement 12433.9 SQ FT
- Stone Paving Over Concrete 7837.5 SQ FT
- Stone Paving Over Sand 1 1/2" Thick Stone Paving 7227.6 SQ FT
- Bioretention Area 4921.6 SQ FT
- Detectable Warning Sign (5'-0"x3'-0") 3.0 EA
- (5" Wide) Concrete Vehicle Curb 1595.7 FT
- (5" Wide) Concrete Curb & Gutter 231.4 FT
- Permeable Gravel Paving 3450.2 SQ FT
- Saw Cut 442.9 FT
- (2' Wide) Curb Opening 2.0 EA
- Accessible Ramp 231.6 SQ FT
- (5'-0" Wide) Stairs 9.0 EA
- (7'-6" Wide) Stairs 9.0 EA
- Stone Face Seat Wall (2'-0" H) 98.5 FT
- (10'-0" Wide) Stairs 2.0 EA
- (2'-10" H) Metal Railing 204.2 FT
- (6" Wide) Valley & Gutter #4 Bars @ 12" OC Both Sides 56.9 FT
- (4" Wide) Painted Strip 131.7 FT

IPE - PHASE II DEVELOPMENT
4851 BODHI WAY UKIAH, CA 95482
HORIZONTAL CONTROL PLAN

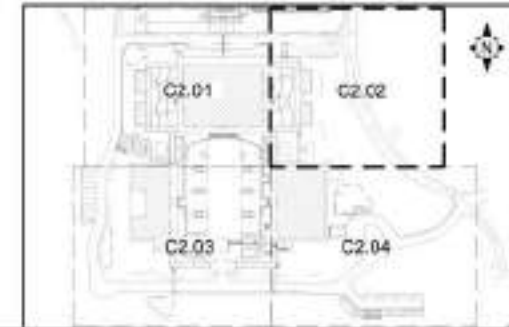


PLAN NO.	C2.01
JOB NO.	2007.12
DATE	3/22/2024
DESIGNER	BLM
CHECKED	BLM, SHAWN, J.C.
REVIEW	C2.01



LACC
SURVEYORS | ENGINEERS | PLANNERS | GRANT WRITERS
laccassociates.com

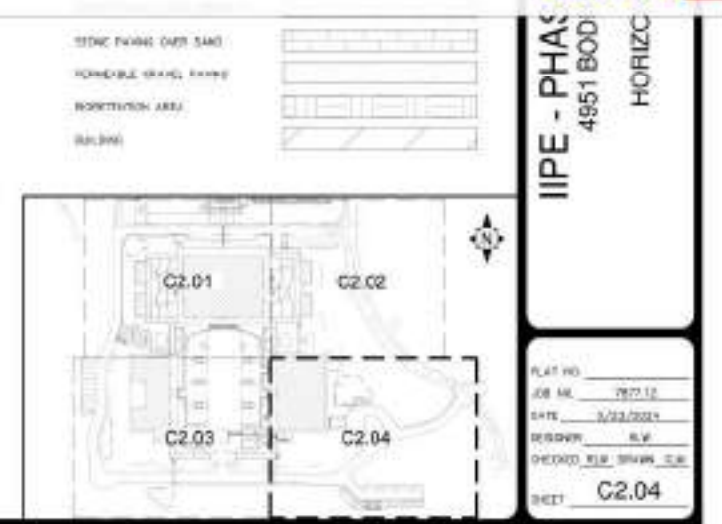
IPE - PHASE II DEVELOPMENT
4951 BOODHI WAY UKIAH, CA 95482
HORIZONTAL CONTROL PLAN

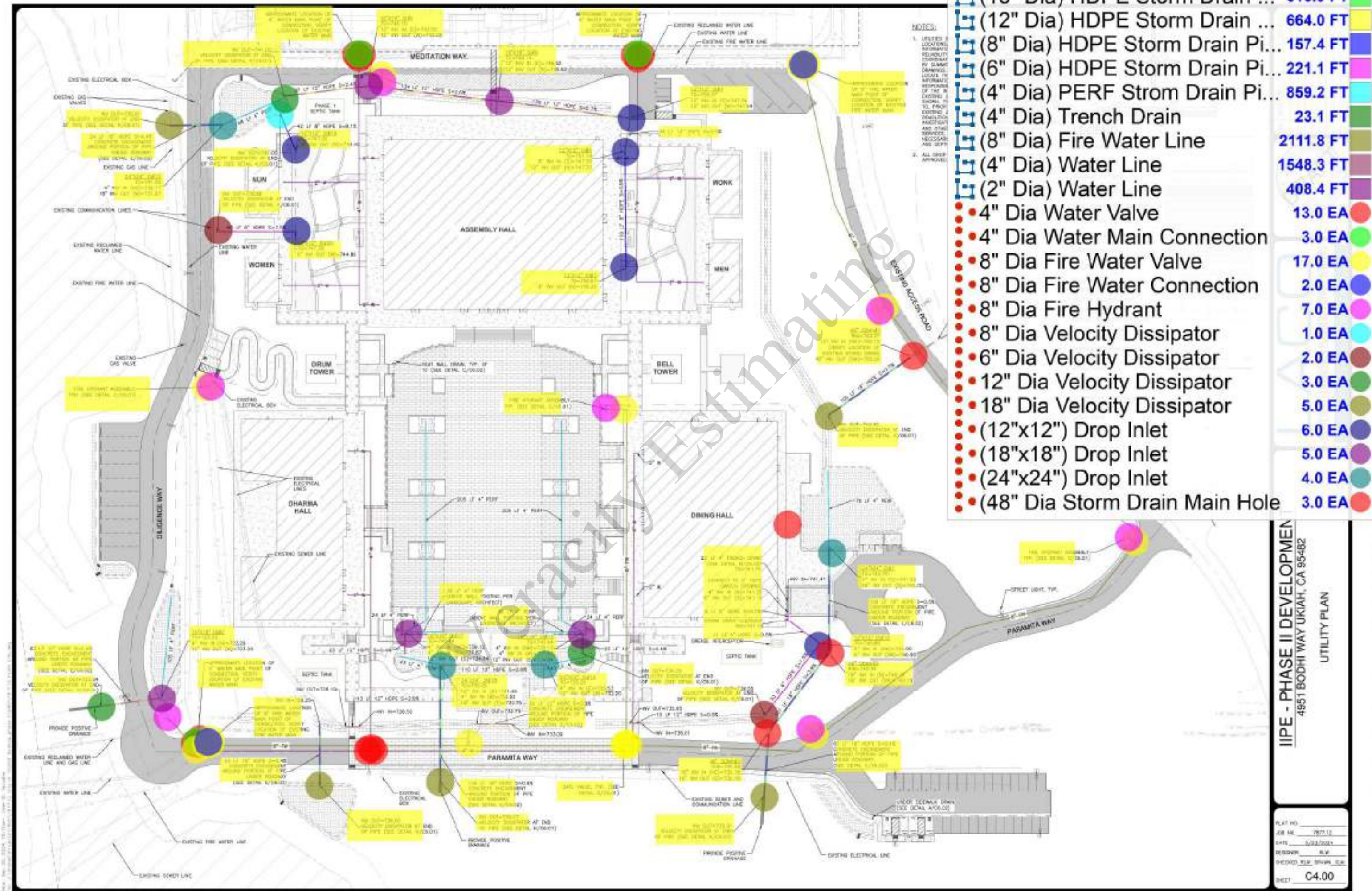


PLAT NO. _____
JOB NO. 2977.12
DATE 3/22/2024
DESIGNER R.W.
CHECKED R.W. DRAWN T.W.
SHEET C2.02

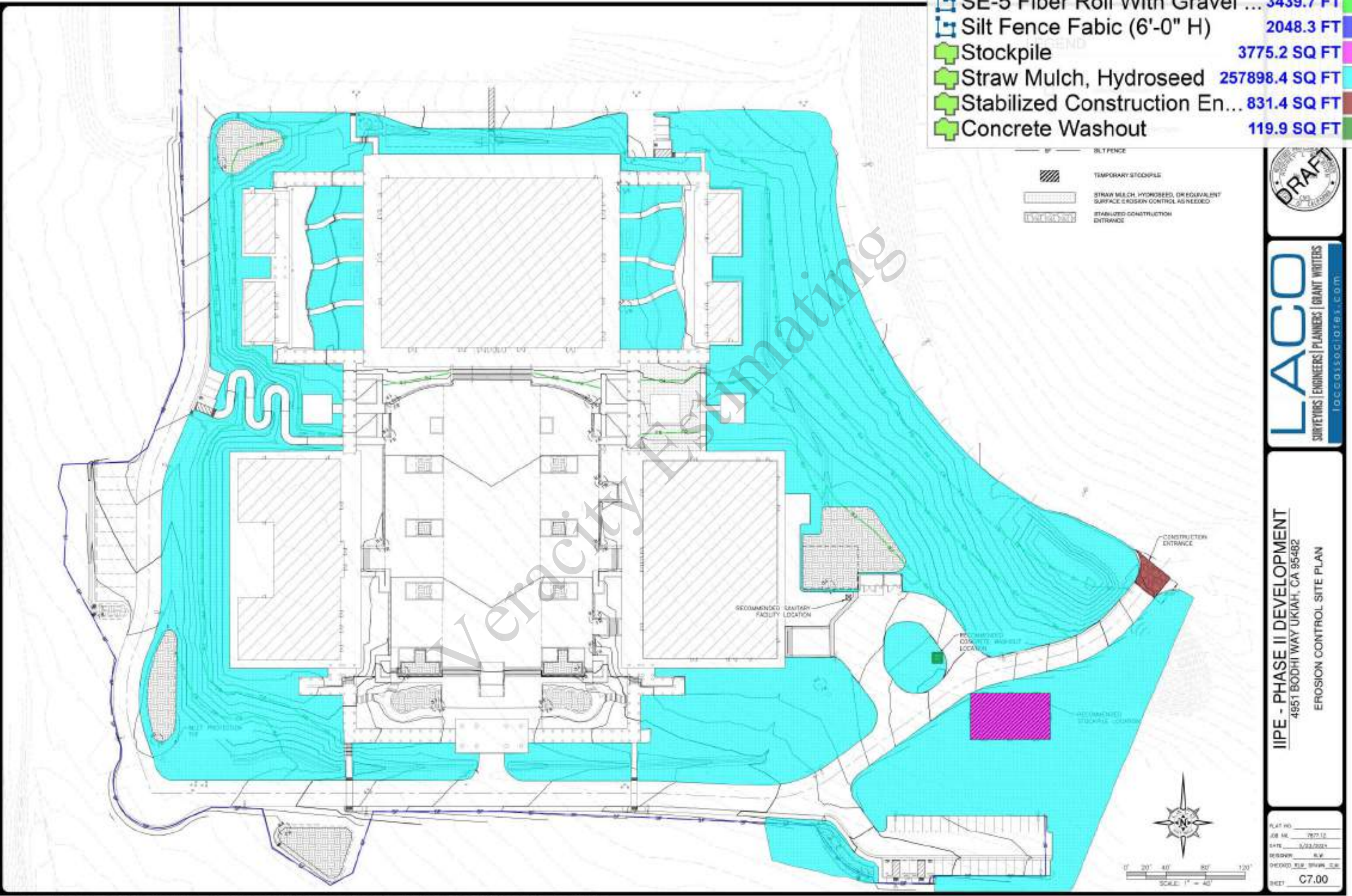


Permeable Gravel Paving	0.0 SQ FT
6" Thickness Concrete Pavement (Truck/Bus)	2072.0 SQ FT
3" Thick Asphalt Concrete Pavement	38087.5 SQ FT
5" Thickness Concrete Pavement (Passenger/ Car)	15687.4 SQ FT
4" Portland Cement Concrete Pavement (Non Traff	2210.3 SQ FT
Stone Paving Over Concrete	409.2 SQ FT
Detectable Warning Sign (5'-0"x3'-0")	4.0 EA
(5" Wide) Concrete Curb & Gutter	279.1 FT
(5" Wide) Concrete Vehicle Curb	1398.5 FT
(2' Wide) Curb Opening	8.0 EA
ADA Sign	2.0 EA
(6' Wide, 5" H) Wheel Stop	4.0 EA
17'-0" Painted Strip	29.0 EA
Bioretention Area	6673.4 SQ FT
(4" Wide) Painted Strip	176.8 FT
(8'-0" Wide) Stairs	8.0 EA
Stone Face Seat Wall (2'-0" H)	16.3 FT
5" Thick Concrete Slab	460.9 SQ FT
8x8x16 CMU Block Wall Painted (8'-0" H)	97.5 FT
(2'-4"x1'-0") Concrete Footing	97.5 FT
(10"x5") Concrete Curb	51.5 FT
(10'x14') Concrete Pad	1.0 EA
Wheel Stop	4.0 EA
(6'-0"x6'-0") Door By Steel Corrugated Decking Painted	3.0 EA
(3'-0"x6'-0") Door By Steel Corrugated Decking	2.0 EA
1" Dia Drop Bolt	2.0 EA
(6" Wide) Valley & Gutter	69.0 FT
Saw Cut	242.8 FT





Scale: 1" = 40' (1" = 20' for detail)
Date: 1/23/2024
Job No: 2024-01
Sheet: 1 of 1
Project: IPE - PHASE II DEVELOPMENT
Location: 4951 BODHI WAY UKIAH, CA 95482
Erosion Control Site Plan

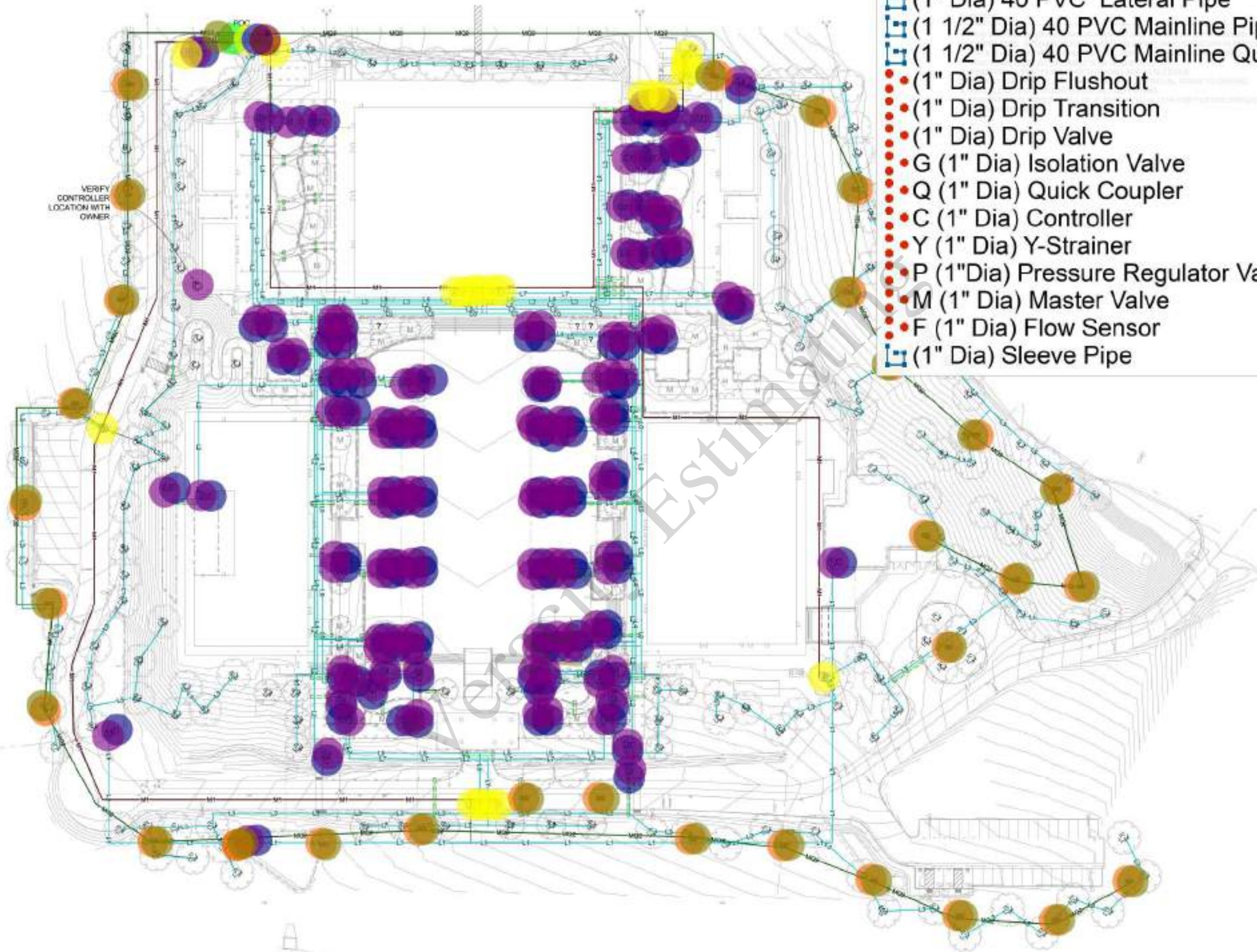


IPE - PHASE II DEVELOPMENT
4951 BODHI WAY UKIAH, CA 95482
EROSION CONTROL SITE PLAN

PLAN NO.
JOB NO. 2024-01
DATE 1/23/2024
DESIGNER R.W.
CHECKED R.W. / B.W. / S.B.
SHEET C7.00



LACO
SURVEYORS | ENGINEERS | PLANNERS | GRANT WRITERS
lacoassociates.com



- (1" Dia) 40 PVC Lateral Pipe
- (1 1/2" Dia) 40 PVC Mainline Pipe
- (1 1/2" Dia) 40 PVC Mainline Quickc...
- (1" Dia) Drip Flushout
- (1" Dia) Drip Transition
- (1" Dia) Drip Valve
- G (1" Dia) Isolation Valve
- Q (1" Dia) Quick Coupler
- C (1" Dia) Controller
- Y (1" Dia) Y-Strainer
- P (1" Dia) Pressure Regulator Valve
- M (1" Dia) Master Valve
- F (1" Dia) Flow Sensor
- (1" Dia) Sleeve Pipe

8270.9 FT	
1264.7 FT	
1567.9 FT	
127.0 EA	
127.0 EA	
20.0 EA	
31.0 EA	
31.0 EA	
1.0 EA	
1.0 EA	
1.0 EA	
1.0 EA	
1.0 EA	
646.1 FT	

PETALUMA, CA 94952
(510)926-2557
LANDCULTURESTUDIO.COM

PROJECT:
CITY OF 10,000
BUDDHAS
TALMAGE, CA

SUBMITTAL:
N/A 10/07/2021

PROGRESS PLANS
NOT FOR BIDDING
OR CONSTRUCTION



SHEET TITLE:

IRRIGATION
PLAN - BELOW
GRADE

SHEET #:

IR-1.01

PLOT DATE: 10/10/21



CLOISTER ON THE LEFT SIDE OF THE GATE 1
3/16" = 1'-0"



**T SQUARE
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GROUP, Inc.**
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SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

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SY-CHENG YSAI E-34234

**IPE - PHASE 2 at CTTB for DRBA
Site and Accessory Structure**
Paramita Way and Diligence Way Ukiah,
County of Mendocino, CA. 95482

**CLOISTER ON
THE LEFT
SIDE OF THE
GATE 1**

DATE: 03/24/2022

JOB NO. T3210308-1

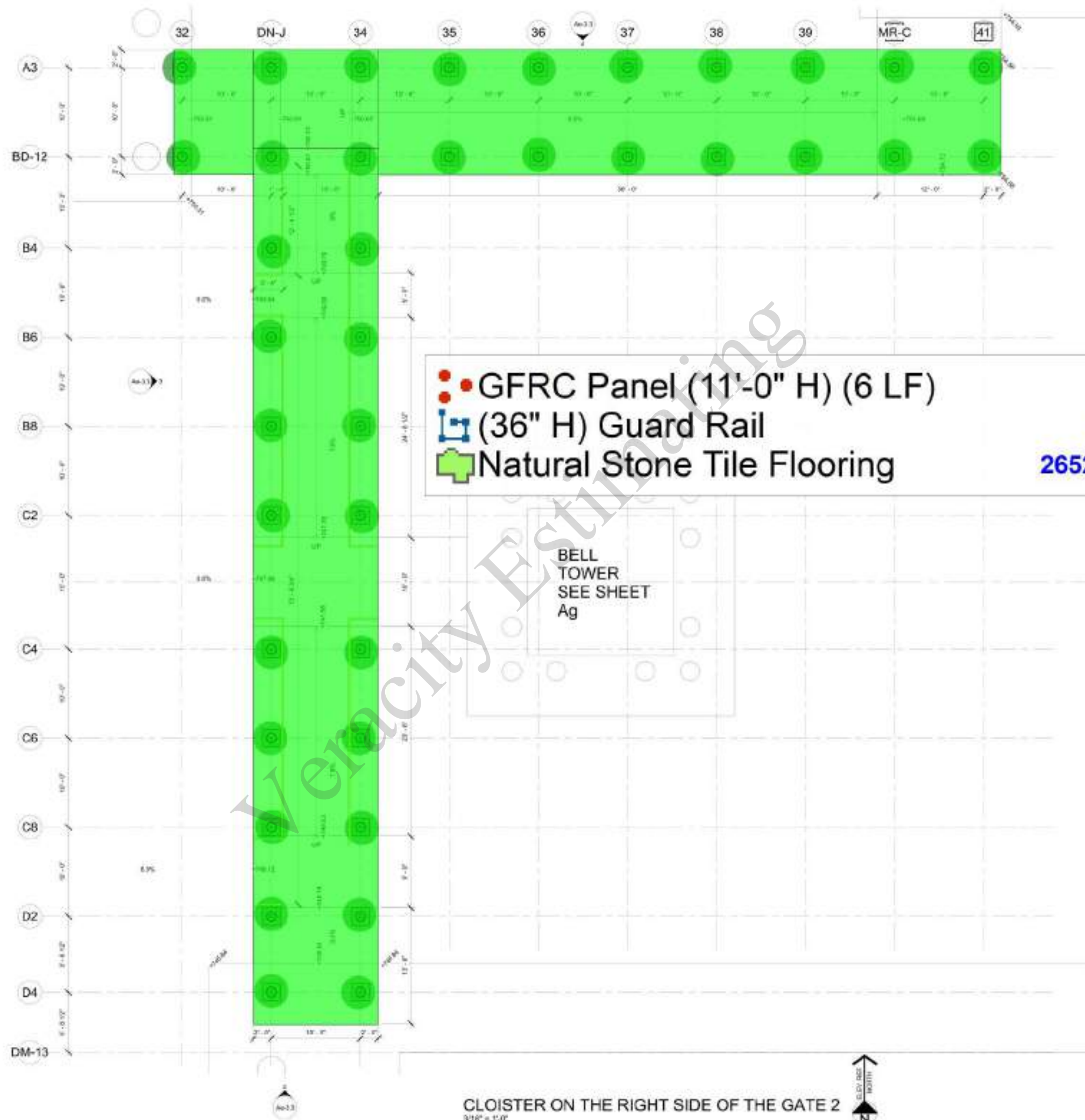
ISSUE & REVISION

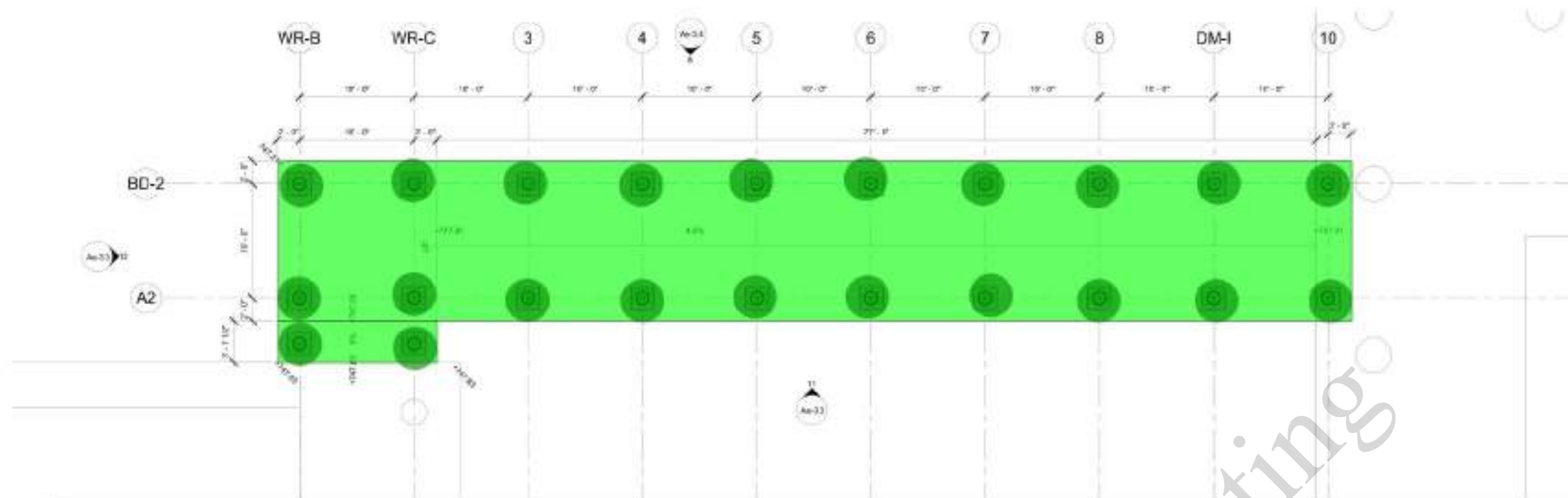
NO.	DESCRIPTION	DATE
001/02	SUBMITTAL	
011/02	PROPOSED	

SHEET NO.

Ae-2.3

(DRAWN BY)

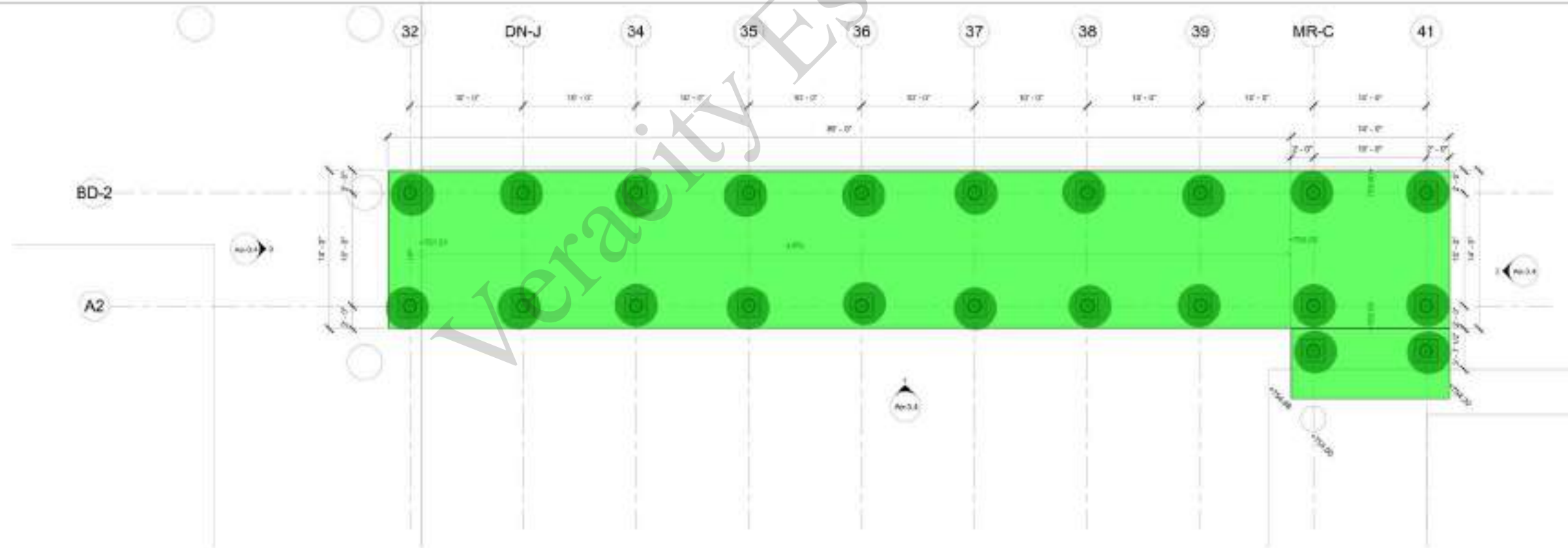




 Natural Stone Tile Flooring
 GFRP Panel (11'-0" H) (6 LF)

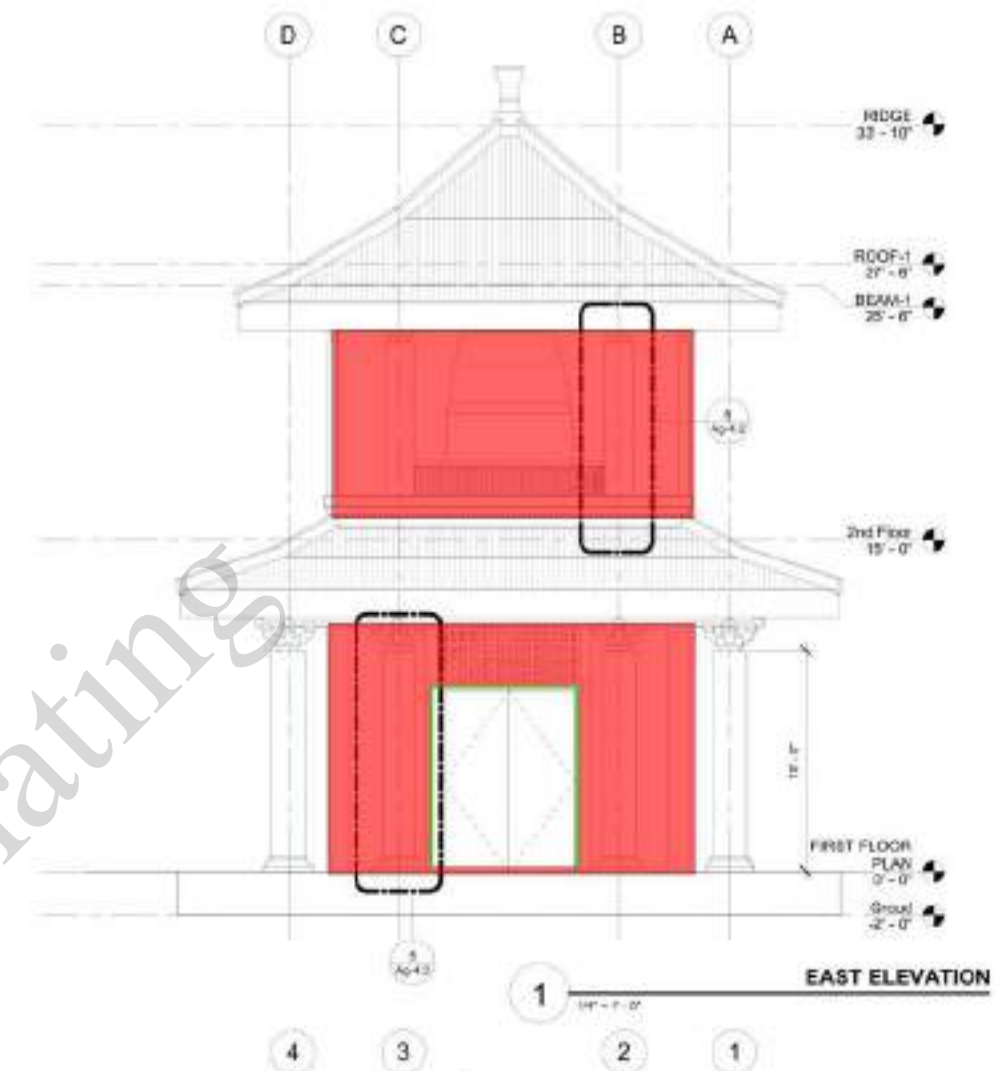
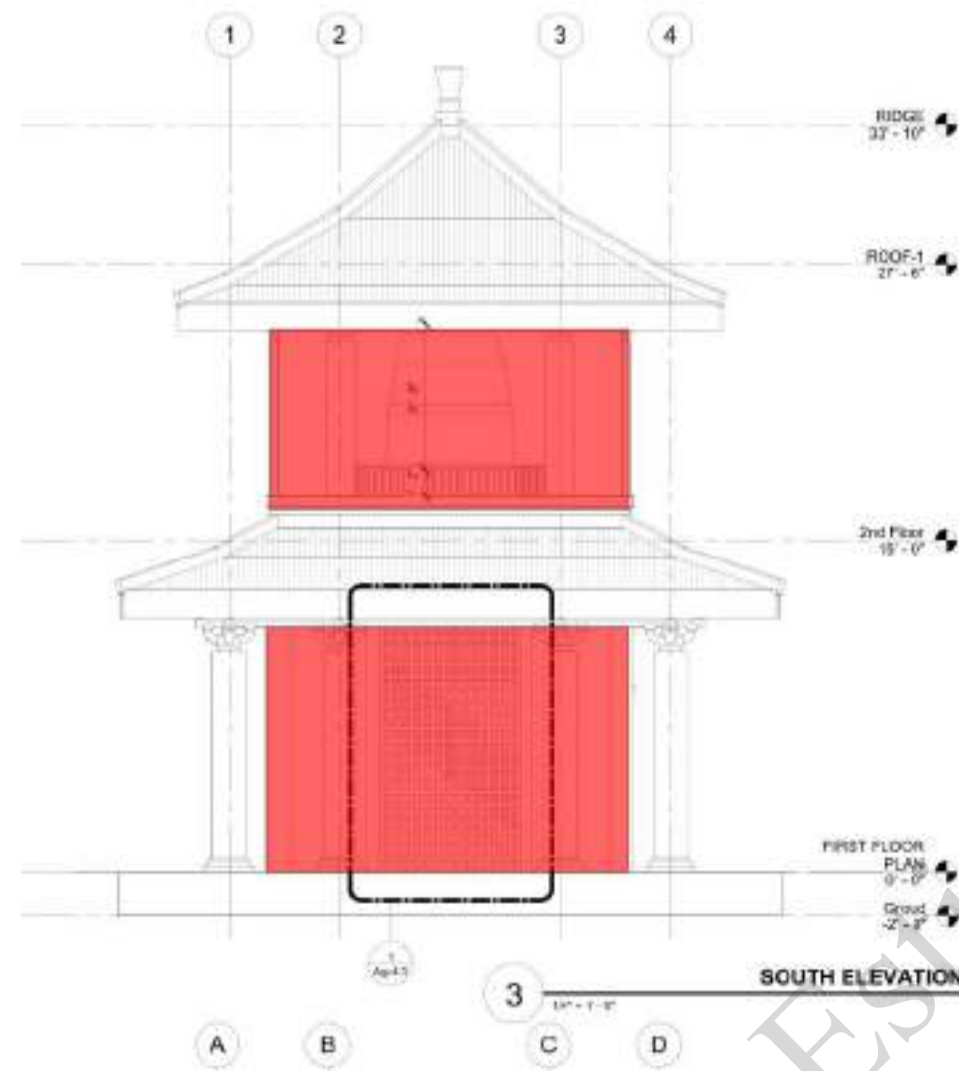
2766.4 SQ FT

44.0 EA



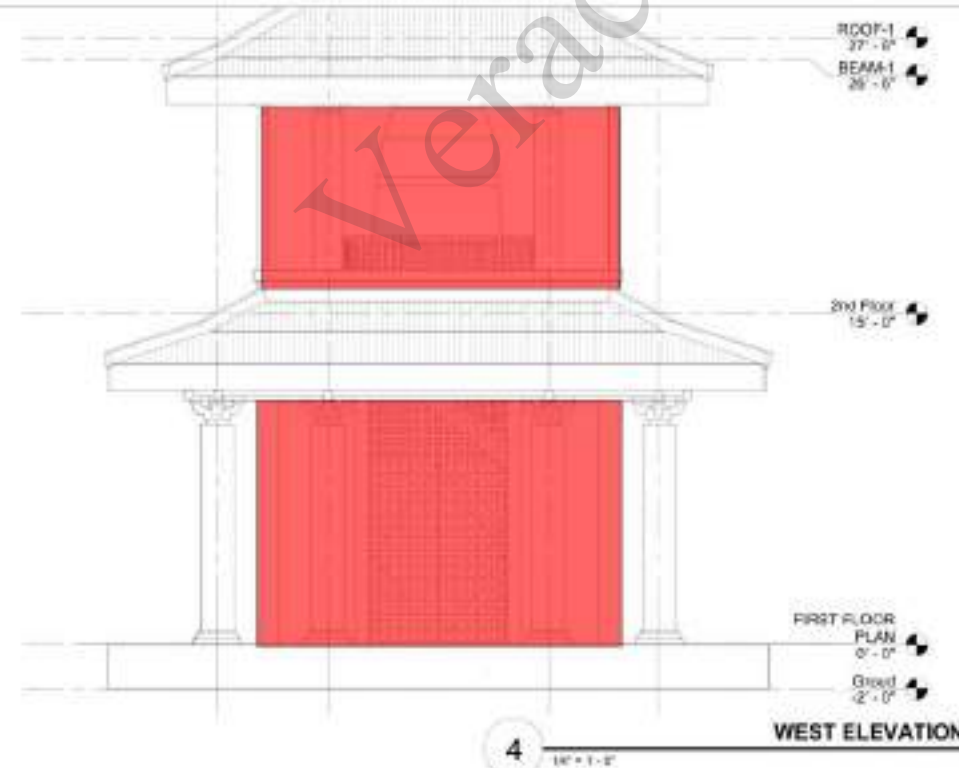
CLOISTER ON THE RIGHT SIDE OF THE GATE 3
3/16" = 1'-0"





 (7/8") Stucco Finish/ Metal Lath/ Building Paper
 Door Trim

1217.9 SQ FT 
 22.9 FT 





T SQUARE CONSULTING GROUP, Inc.
 2008 CONVERSE DRIVE, #201 TEL: (408) 321-8988
 SAN JOSE, CA 95128-1002 FAX: (408) 321-9987



Professional Engineer Seal

IPE - PHASE 2 at CTTB for DRBA Site and Accessory Structure
 Paramita Way and Diligence Way Ukiah, County of Mendocino, CA. 95482

BELL TOWER ELEVATIONS

DATE: 03/24/2022
 JOB NO: T3210308-1
 ISSUE & REVISION

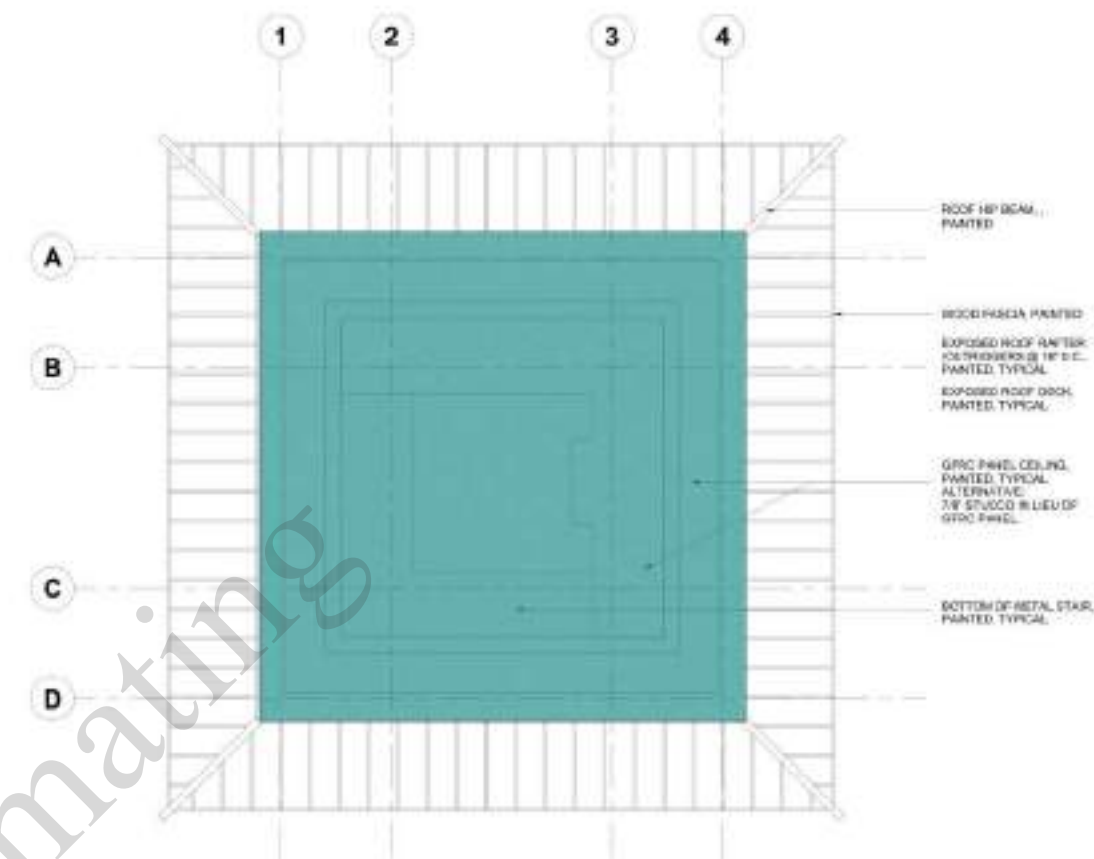
NO	DATE	DESCRIPTION
1	03/24/2022	SUBMITTAL
2	07/18/2022	PROPOSED

SHEET NO:
Ag-3.1
 (DRAWN BY)

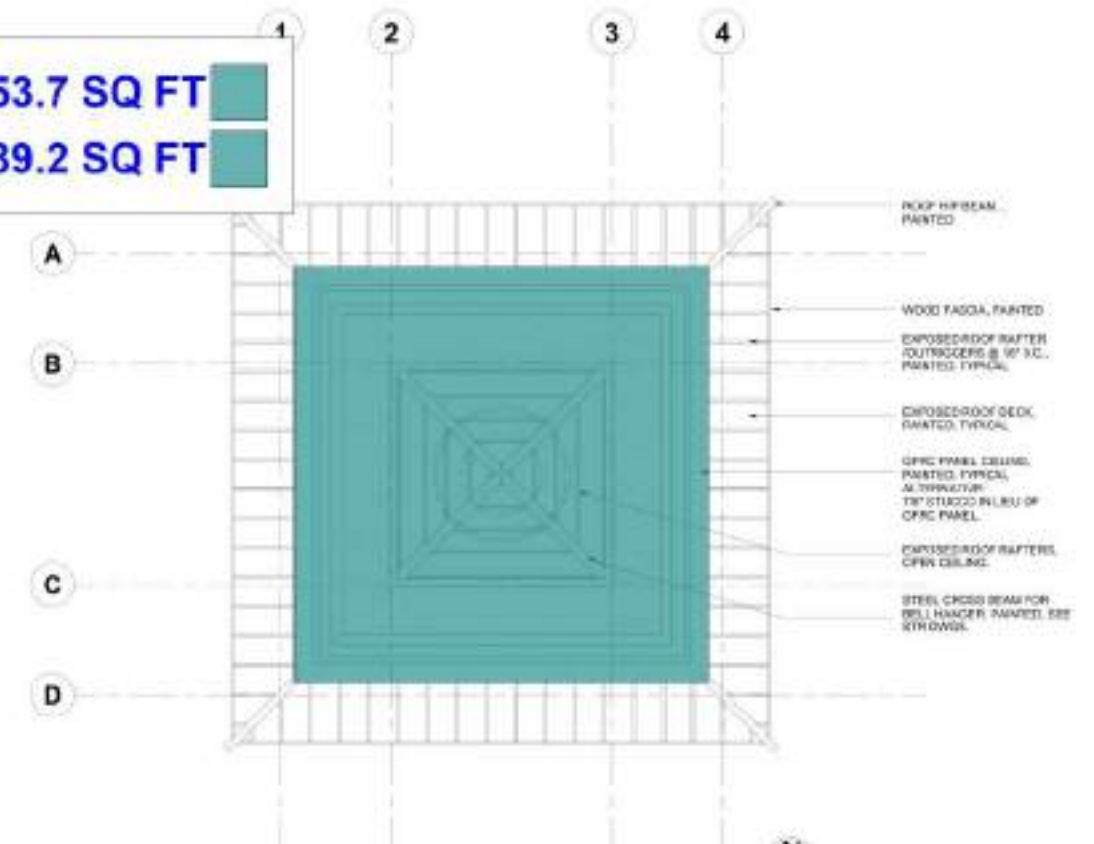
-  GFRC Panel Ceiling (7/8" Stucco Finish)
-  GFRC Panel Ceiling (7/8" Stucco Finish)

353.7 SQ FT

489.2 SQ FT



BELL TOWER FIRST CEILING FLOOR PLAN
1/4" = 1'-0"



BELL TOWER 2ND CEILING FLOOR PLAN
1/4" = 1'-0"



**T SQUARE
CONSULTING
GROUP, Inc.**

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SAN JOSE, CA 95128-1002 FAX: (408) 321-9987



STEVEN CHEN, P.E. E-142314

**IPE - PHASE 2 at CTTB for DRBA
Site and Accessory Structure**

**Paramita Way and Diligence Way Ukiah,
County of Mendocino, CA. 95482**

**REFLECTED
CEILING AND
SOFFIT PLAN**

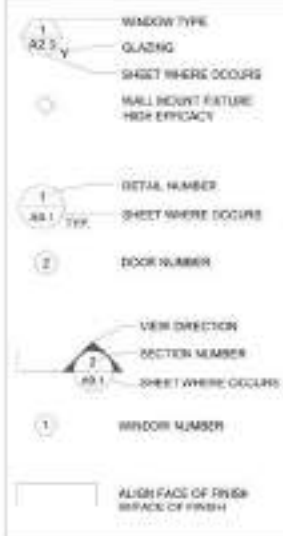
DATE: 03/24/2022
JOB NO. T3210368-1

ISSUE & REVISION	
1	03/24/24 SUBMITTAL
2	07/18/25 prepare bid
3	
4	
5	
6	
7	
8	
9	
10	

SHEET NO.
Ag-6.1

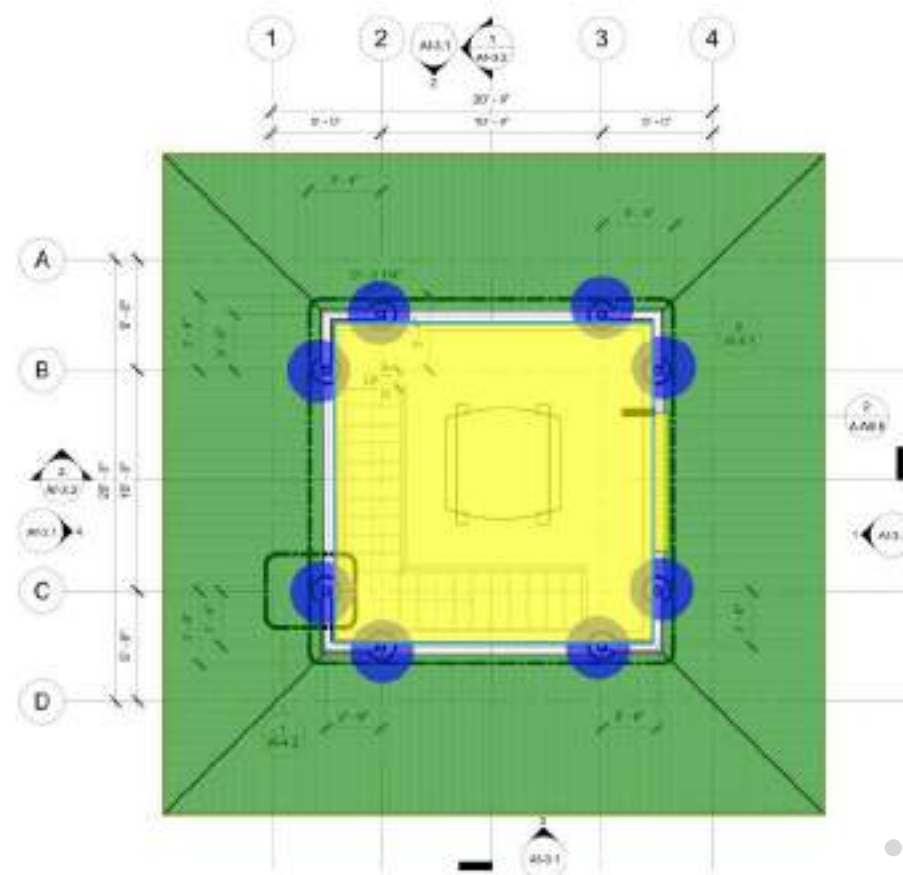
(DRAWN BY)

LEGEND

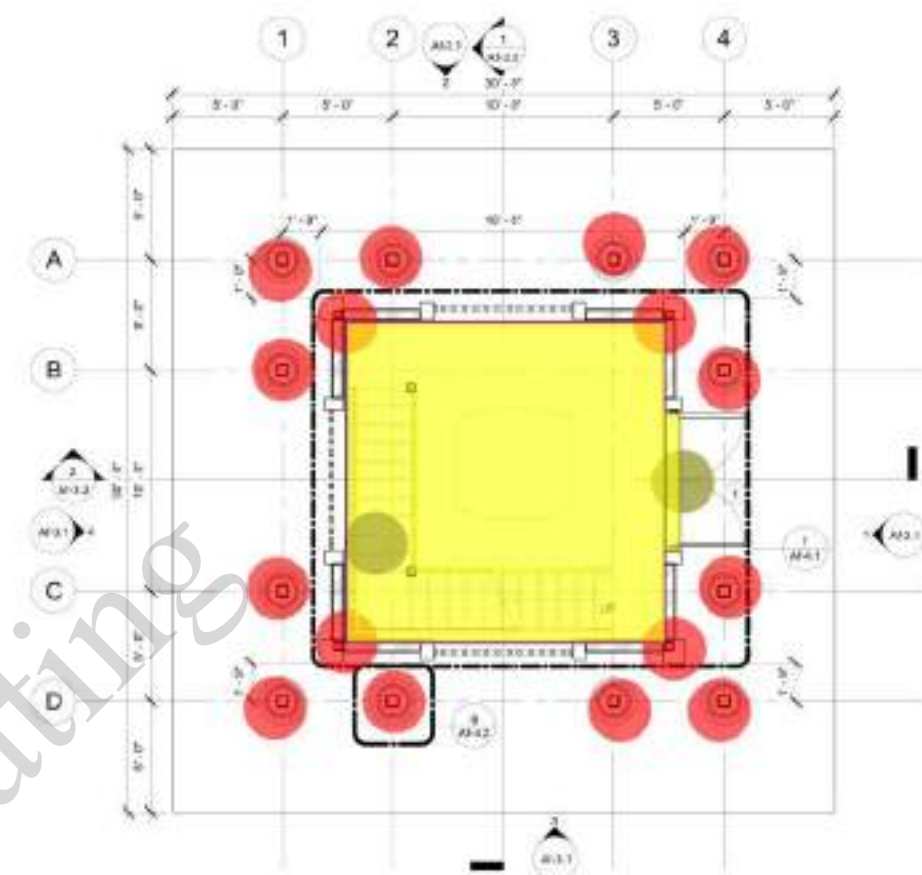


ROOF PLAN NOTES:

1. ARROW ON ROOF PLAN INDICATES DIRECTION OF DRAIN.
2. ALL ELEVATIONS SHOWN ARE TO TOP OF SKEATING OR TOP OF PLATE AND ARE GIVEN WITH REFERENCE TO FINISH FLOOR ELEVATION + 10' 0" U.M.C.
3. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED EQUIPMENT.
4. ALL ROOF DRAIN AND OVER FLOW DRAIN PIPES TO BE 4" DIA. CAST IRON, U.N.C. SEE DETAIL 501.7.
5. ROOF SLOPE TO BE 1/4" PER FOOT MIN.
6. ROOFING CLASS TO BE CLASS 15' MIN.
7. ALL ROOF TOP EQUIPMENT TO BE MIN. 10' 0" FROM PROPERTY LINE.



DRUM TOWER 2nd FLOOR PLAN
1/4" = 1'-0"

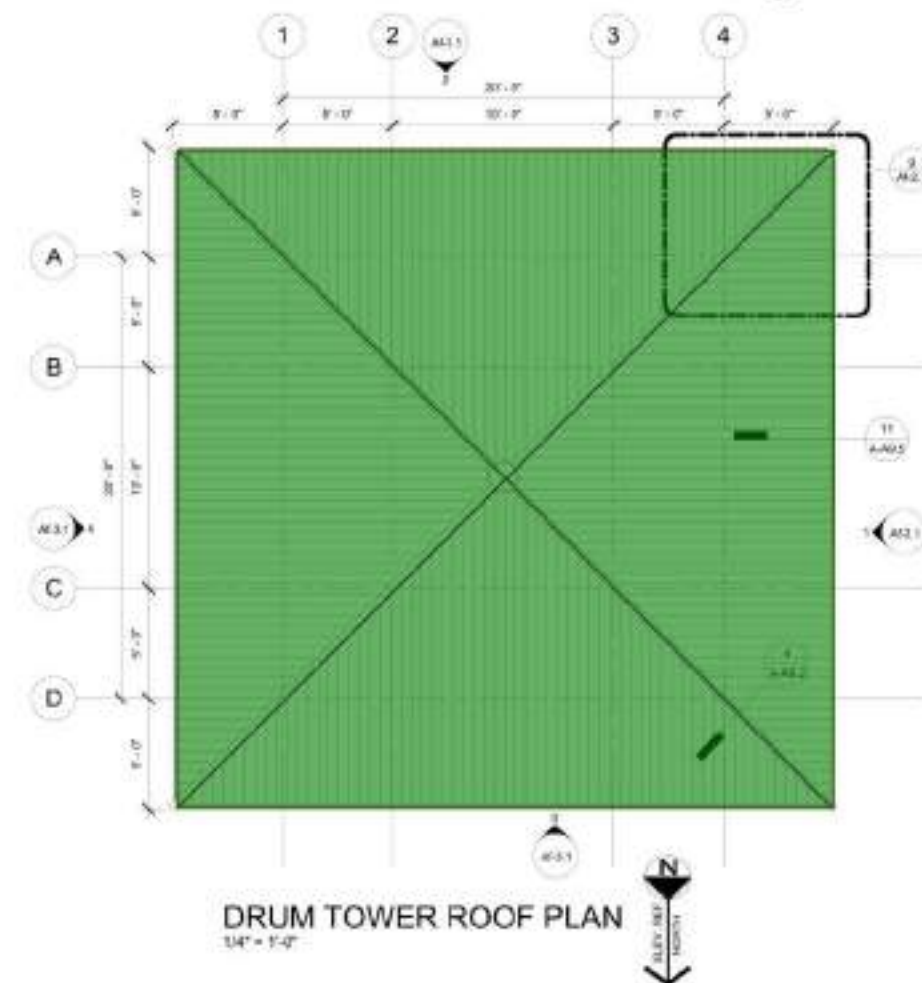


DRUM TOWER FIRST FLOOR PLAN
1/4" = 1'-0"

Hip Flashing	144.8 FT
Clay Tile Roofing/ Water Resistive Barrier	1555.8 SQ FT
(2x-) Wood Fascia/ 25 Ga. Counter Flashing/ (2'-0" W) GFRP Panel...	238.9 FT
GFRP Panel (11'-0" H) (6 LF)	8.0 EA
Sealed Concrete (As Required)	214.3 SQ FT
(4" H) Rubber Base (As Required)	51.6 FT
Wall Paint (10'-0" H)	57.9 FT
(1"x2") Furring Wall (10'-0" H)	57.9 FT
GFRP Panel (11'-0" H) (6 LF)	16.0 EA
(6'-0"x8'-2") Hollow Metal Door w/ Hollow Metal Frame	1.0 EA
(1"x2") Furring Wall (10'-0" H)	57.9 FT
(42" H) Guard Rail	45.8 FT
(2'-6" W) Wood Stairs	1.0 EA
Wall Paint (10'-0" H)	57.9 FT
(4" H) Rubber Base (As Required)	51.6 FT
Sealed Concrete (As Required)	214.3 SQ FT

9

ROOF PLAN - ENLARGED



DRUM TOWER ROOF PLAN
1/4" = 1'-0"

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SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

TS-CHONG T.S. E-10000

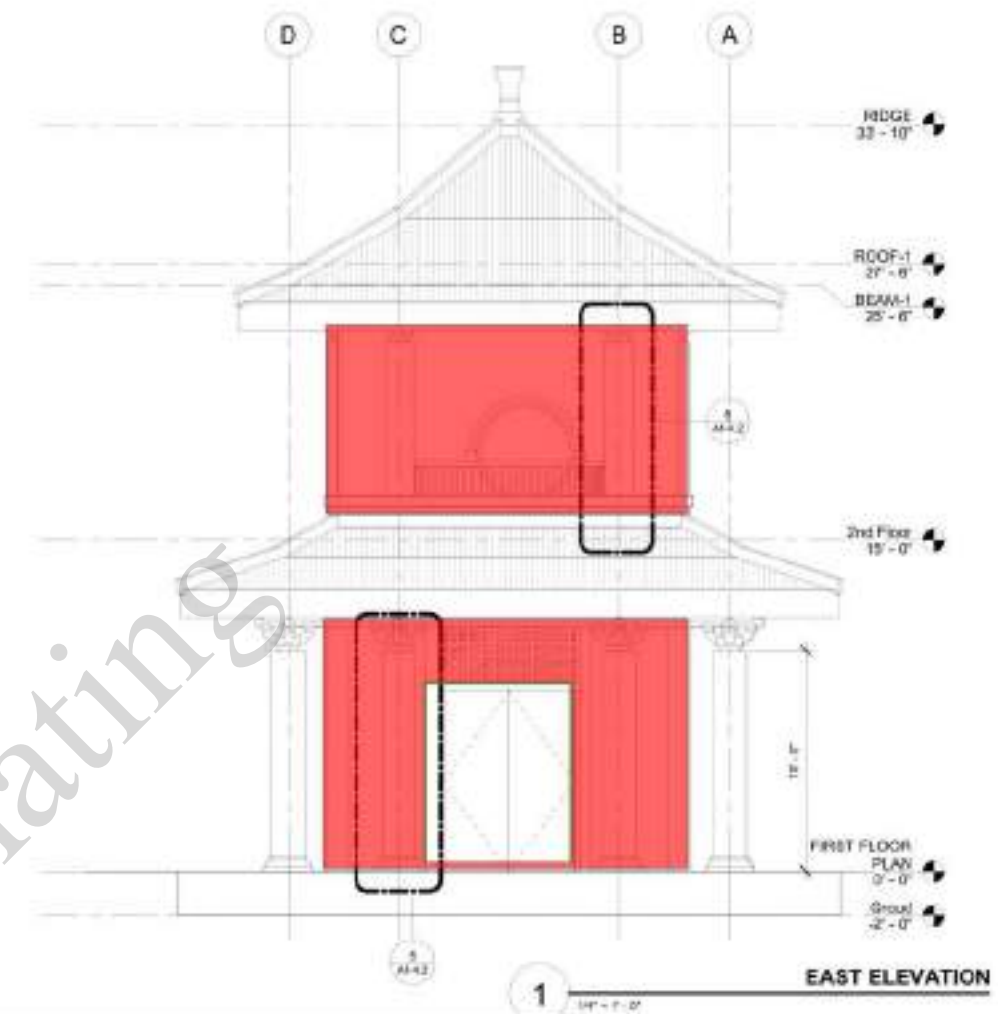
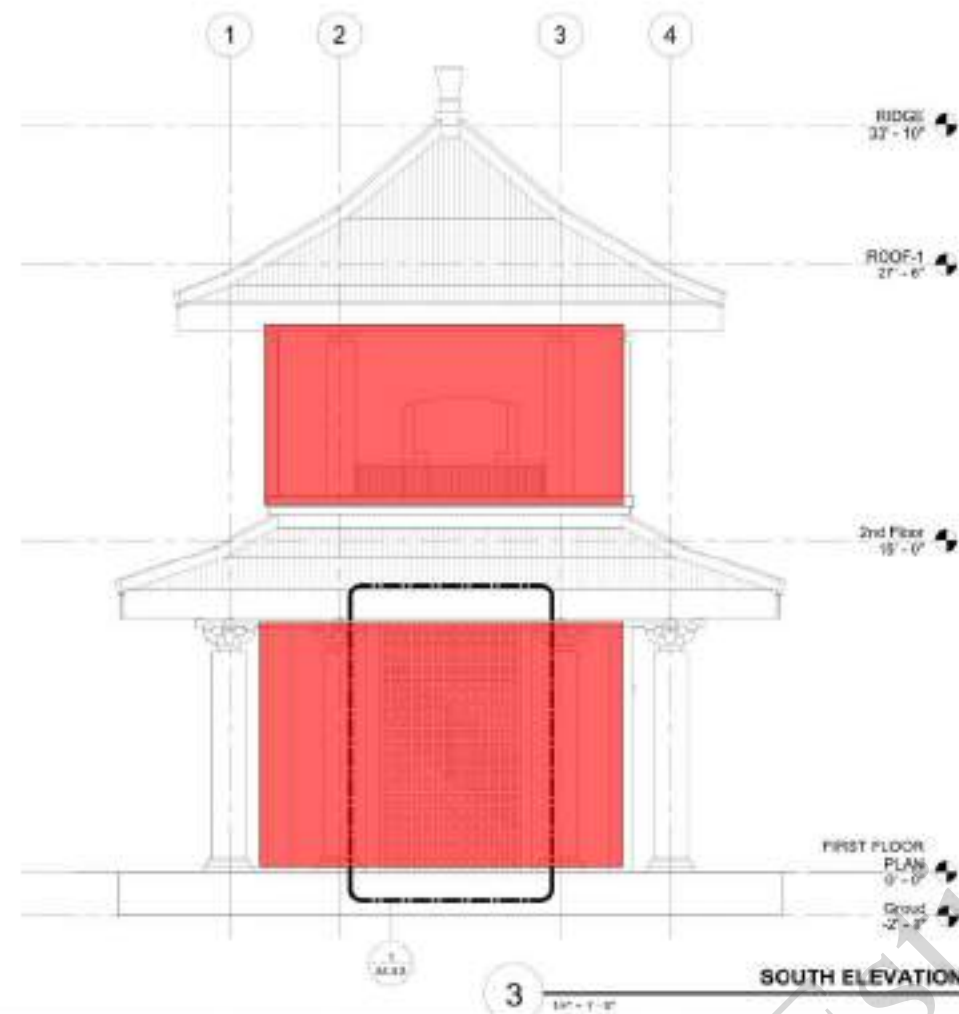
IPE - PHASE 2 at CTTB for DRBA
Site and Accessory Structure
Paramita Way and Diligence Way Ukiah,
County of Mendocino, CA. 95482

DRUM TOWER
1st, 2nd
FLOOR &
ROOF PLAN

DATE: 03/24/2022
JOB NO: T3210308-1
ISSUE & REVISION

NO	DATE	DESCRIPTION
1	03/24/2022	prepare set

SHEET NO:
Af-2.1
(DRAWN BY)



Door Trim

(7/8") Stucco Finish/ Metal Lath/ Building Pap... 1217.9 SQ FT

22.9 FT



T SQUARE CONSULTING GROUP, Inc.
2558 CONVERSE DRIVE, #200 TEL: (408) 321-8988
SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

STATE OF CALIFORNIA
COUNTY OF MENDOCINO
I, DAVID L. HARRIS, County Clerk, do hereby certify that the foregoing is a true and correct copy of the original as the same appears of record in my office.

DAVID L. HARRIS
COUNTY CLERK

IIPE - PHASE 2 at CTTB for DRBA Site and Accessory Structure
Paramita Way and Diligence Way Ukiah, County of Mendocino, CA. 95482

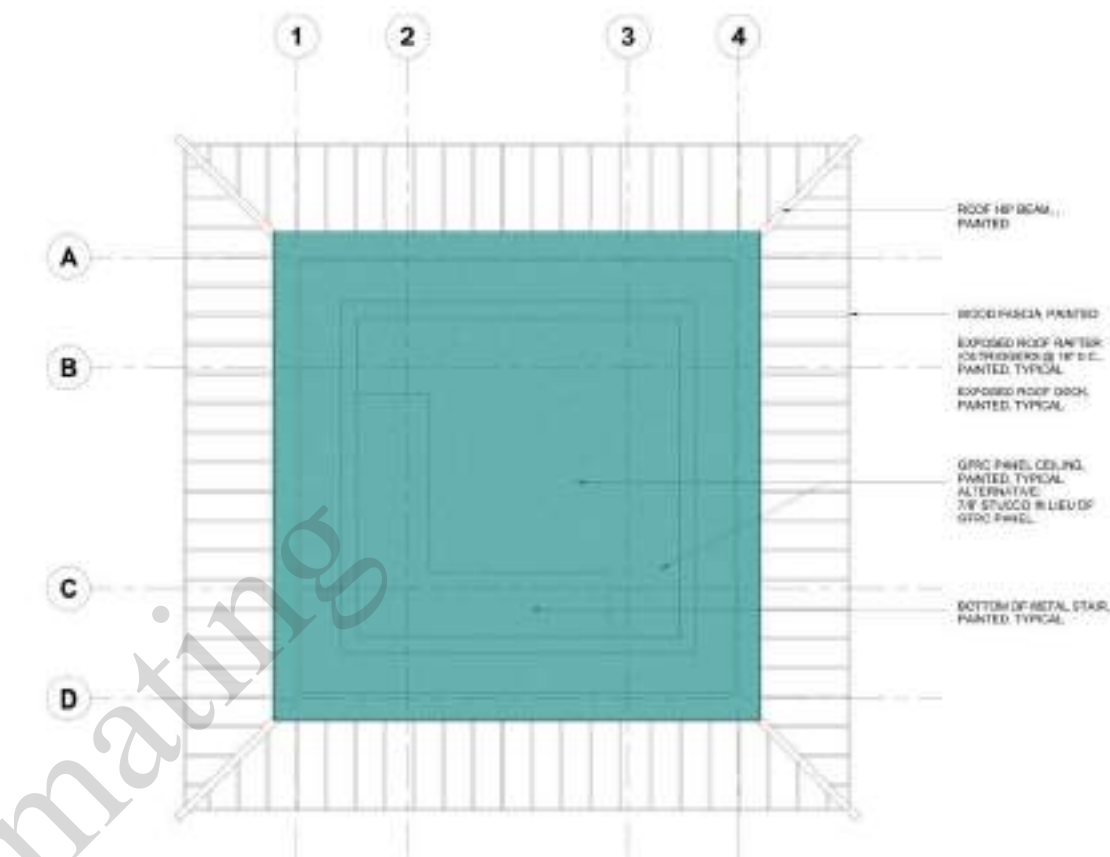
DRUM TOWER ELEVATIONS

DATE: 03/24/2022
JOB NO. T3210368-1
ISSUE & REVISION

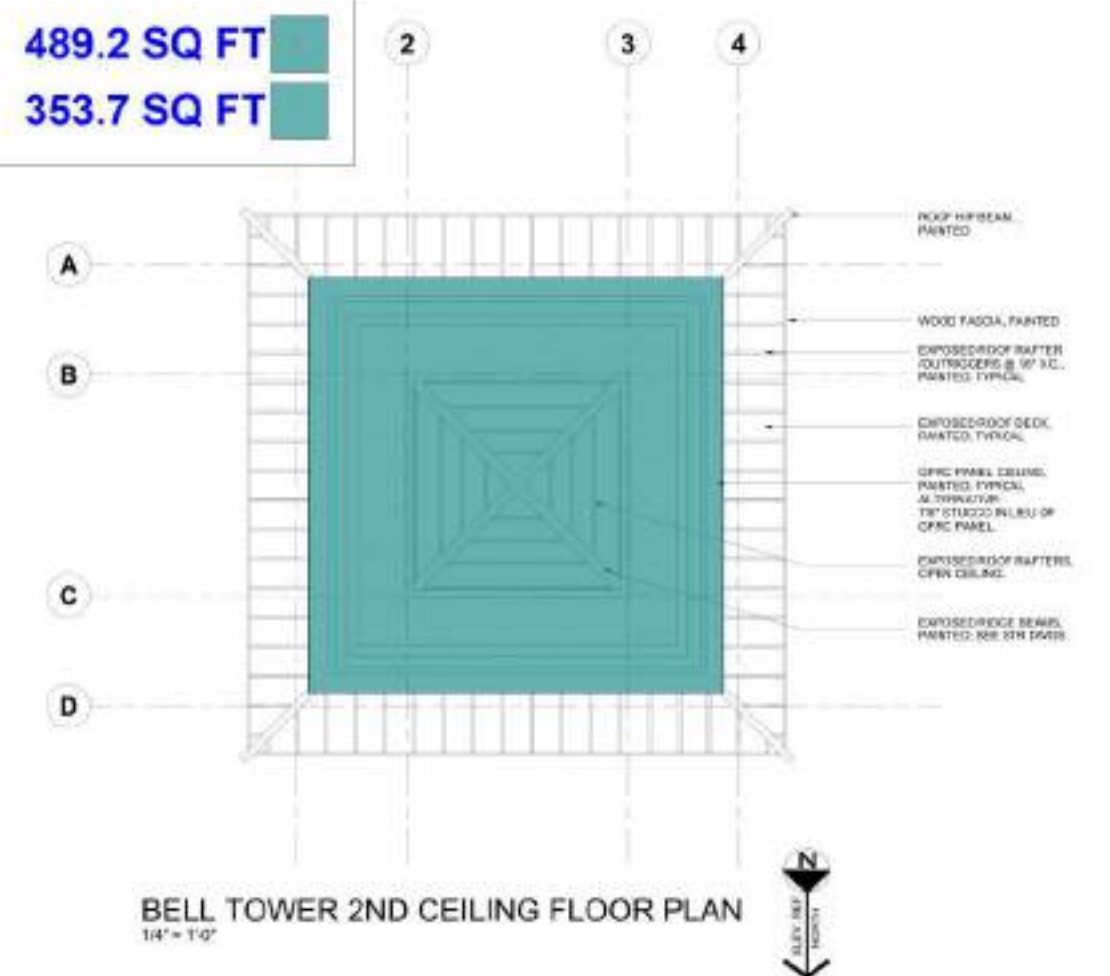
NO.	DESCRIPTION	DATE
000102	SUBMITTAL	
011802	proposed edit	

SHEET NO.
Af-3.1
(DRAWN BY)

-  GFRC Panel Ceiling (7/8" Stucco Finish)
-  GFRC Panel Ceiling (7/8" Stucco Finish)



BELL TOWER FIRST CEILING FLOOR PLAN
1/4" = 1'-0"



BELL TOWER 2ND CEILING FLOOR PLAN
1/4" = 1'-0"



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2009 CONVERSE DRIVE, #200 TEL: (408) 321-8988
SAN JOSE, CA 95128-1002 FAX: (408) 321-9987



Professional Engineer
Civil Engineering
State of California
No. 10000
Exp. 12/31/2024

IPE - PHASE 2 at CTTB for DRBA Site and Accessory Structure
Paramita Way and Diligence Way Ukiah, County of Mendocino, CA. 95482

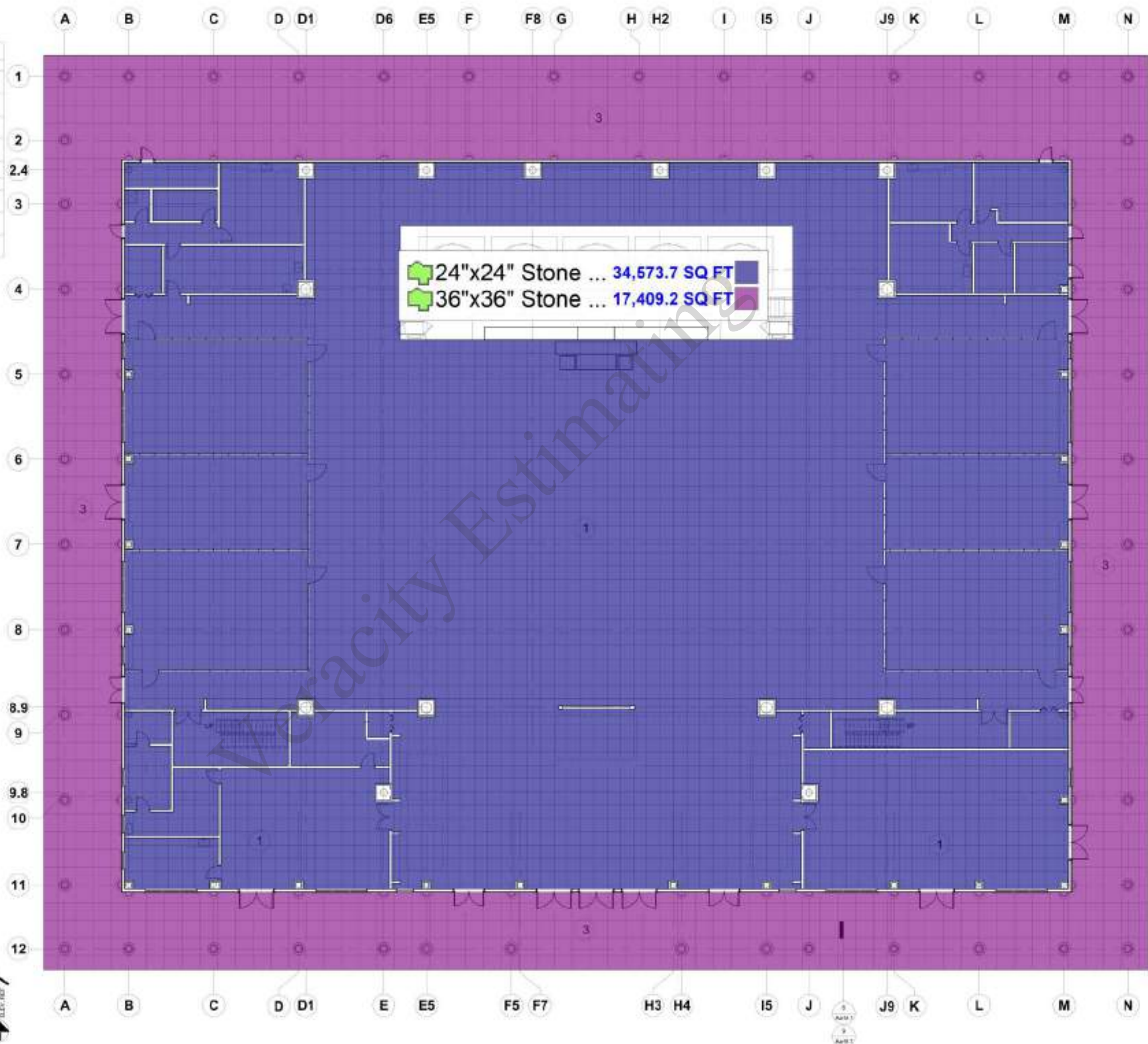
REFLECTED CEILING AND SOFFIT PLAN

DATE: 03/24/2022
JOB NO. T3210368-1
ISSUE & REVISION

NO.	DATE	REVISION
1	03/24/22	SUBMITTAL
2	07/18/22	PROPOSED

SHEET NO.
Af-6.1
(DRAWN BY)

FLOOR FINISHES		
#	LEGEND	MATERIALS AND SPECIFICATIONS
1		24"x24" STONE TILE, DEC 10
2		36"x36" STONE TILE, DEC 10
3		
BASE FINISHES		
#	LOCATION	MATERIALS AND SPECIFICATIONS
01	ALL EXCEPT RESTROOM	1" RESILIENT RUBBER BASE
02	RESTROOM	1" CERAMIC TILE BASE



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 SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

DAVID CHEN, P.E. E-54254

IIPE - PHASE 2 at CTTB for DRBA Buddha Hall Shell & T.I.
 2365 Meditation Way Ukiah, County of Mendocino, CA. 95482

FIRST FLOOR FINISH PLAN

DATE: 03/24/2022
 JOB NO. T3210306-2
 ISSUE & REVISION

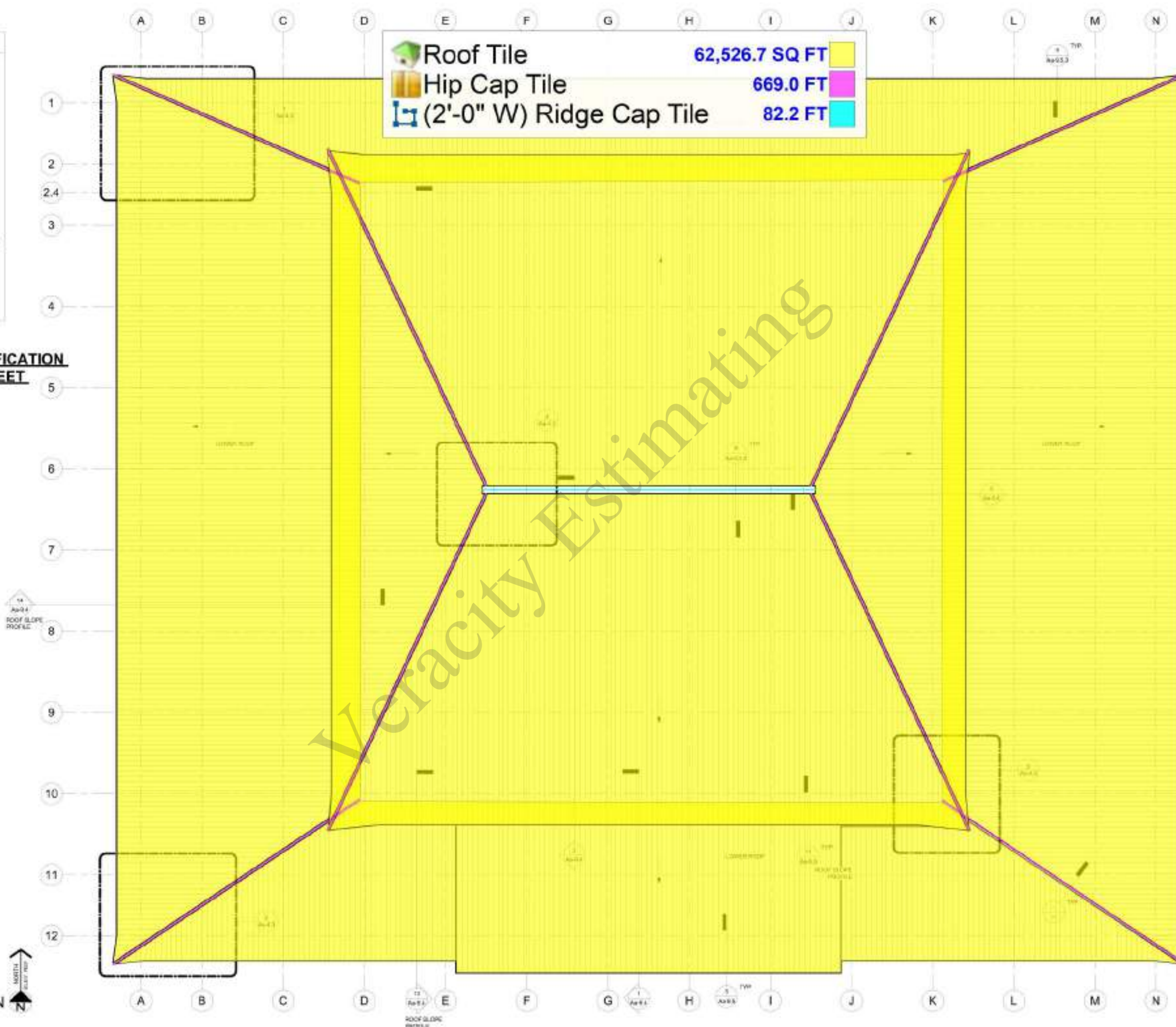
NO.	DATE	REVISION
1	03/24/22	SUBMITTAL
2	03/24/22	progress plan

SHEET NO. **Aa-2.6**
 (DRAWN BY)

LEGEND

- 1 WINDOW TYPE
- 2 GLAZING
- 3 SHEET WHERE OCCURS
- 4 WILL APPEAR FUTURE HIGH ELEVATION
- 5 DETAIL NUMBER
- 6 SHEET WHERE OCCURS
- 7 DOOR NUMBER
- 8 VIEW DIRECTION
- 9 SECTION NUMBER
- 10 SHEET WHERE OCCURS
- 11 WINDOW NUMBER
- 12 ALUMINUM FACE OF FINISH
- 13 SPACE OF FINISH

ROOF TILE SPECIFICATION
(3 HALLS) SEE SHEET
A-9.5a ~ A-9.5c



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SY-CHENG YSAI E-34234

IPE - PHASE 2 at CTTB for DRBA
Buddha Hall Shell & T.I.
 2365 Meditation Way Ukiah, County of
 Mendocino, CA. 95482

ROOF PLAN

DATE: 03/24/2022

JOB NO: T3210366-2

ISSUE & REVISION

NO.	DATE	DESCRIPTION
1	03/24/22	SUBMITTAL
2	03/24/22	PROGRESS PLOT

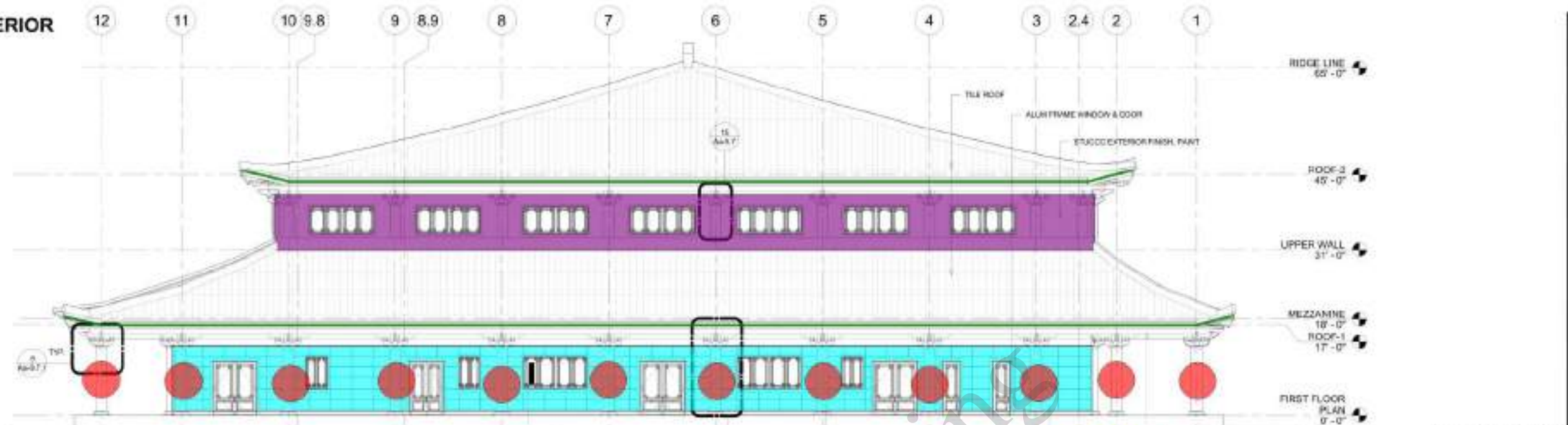
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Aa-2.4

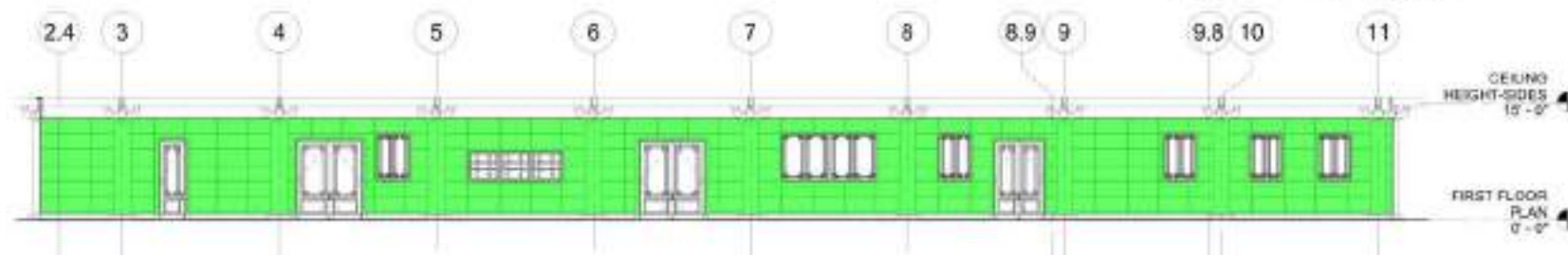
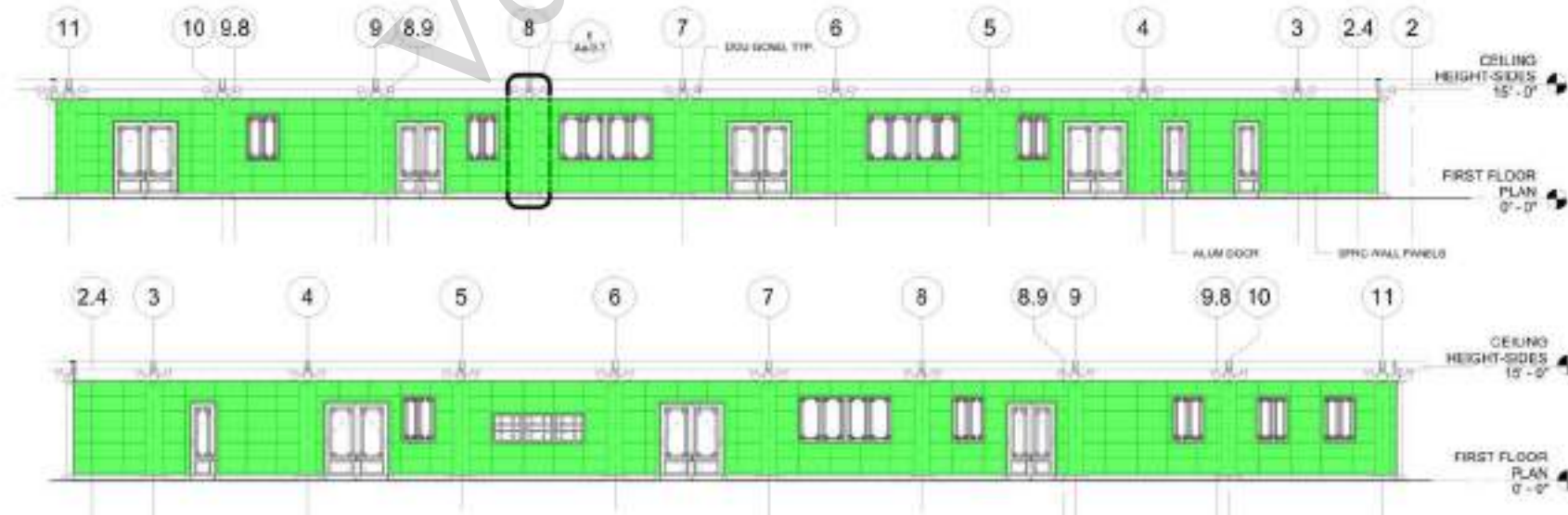
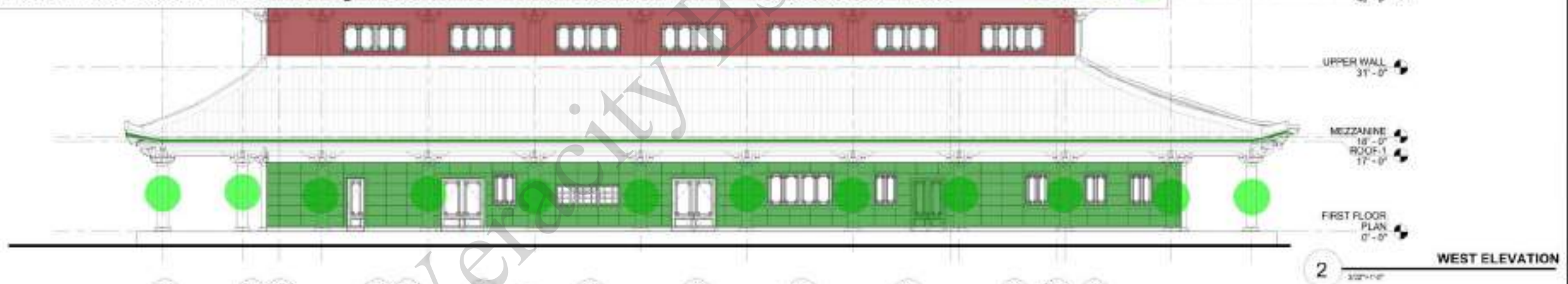
(DRAWN BY)

ALTERNATIVE TO EXTERIOR WALLS & SOFFIT:

1. INSTALL 7/8" STUCCO W/ SELF-FURRING METAL LATH W/ WENT SCREED, IN LIEU OF GFRC PANEL FOR SOFFIT ALONG EXTERIOR WALKWAY GFRC PANEL.
2. INSTALL 7/8" STUCCO W/ METAL LATH OVER BUILDING PAPER, PLYWOOD & METAL STUD FRAME, IN LIEU OF INSTALL GFRC PANEL ON EXTERIOR WALLS & TRIM.
3. PROVIDE CONTROL JOINTS PER ELEVATIONS.



- Exterior 7/8" Stucco W/ Self Furring Metal Lath W/ Went Screed 1,165.0 SQ FT
- Interior 7/8" Stucco W/Self furring Metal GFRC Panel Exterior Lath W/ Went Screed 1,507.3 SQ FT
- Fascia 774.3 FT
- Interior 7/8" Stucco W/Self furring Metal GFRC Panel Exterior Lath W/ Went Screed 3,112.6 SQ FT
- (2'-0" Dia x 12'-0" H) Column 7/8" Stucco W/ Self Furring Metal Lath W/ Went Screed 12.0
- Interior 7/8" Stucco W/Self furring Metal GFRC Panel Exterior Lath W/ Went Screed West 914.1 SQ FT
- (2'-0" Dia x 12'-0" H) Column 7/8" Stucco W/ Self Furring Metal Lath W/ Went Screed West 12.0
- Interior 7/8" Stucco W/Self furring Metal GFRC Panel Exterior Lath W/ Went Screed West 1,670.3 SQ FT



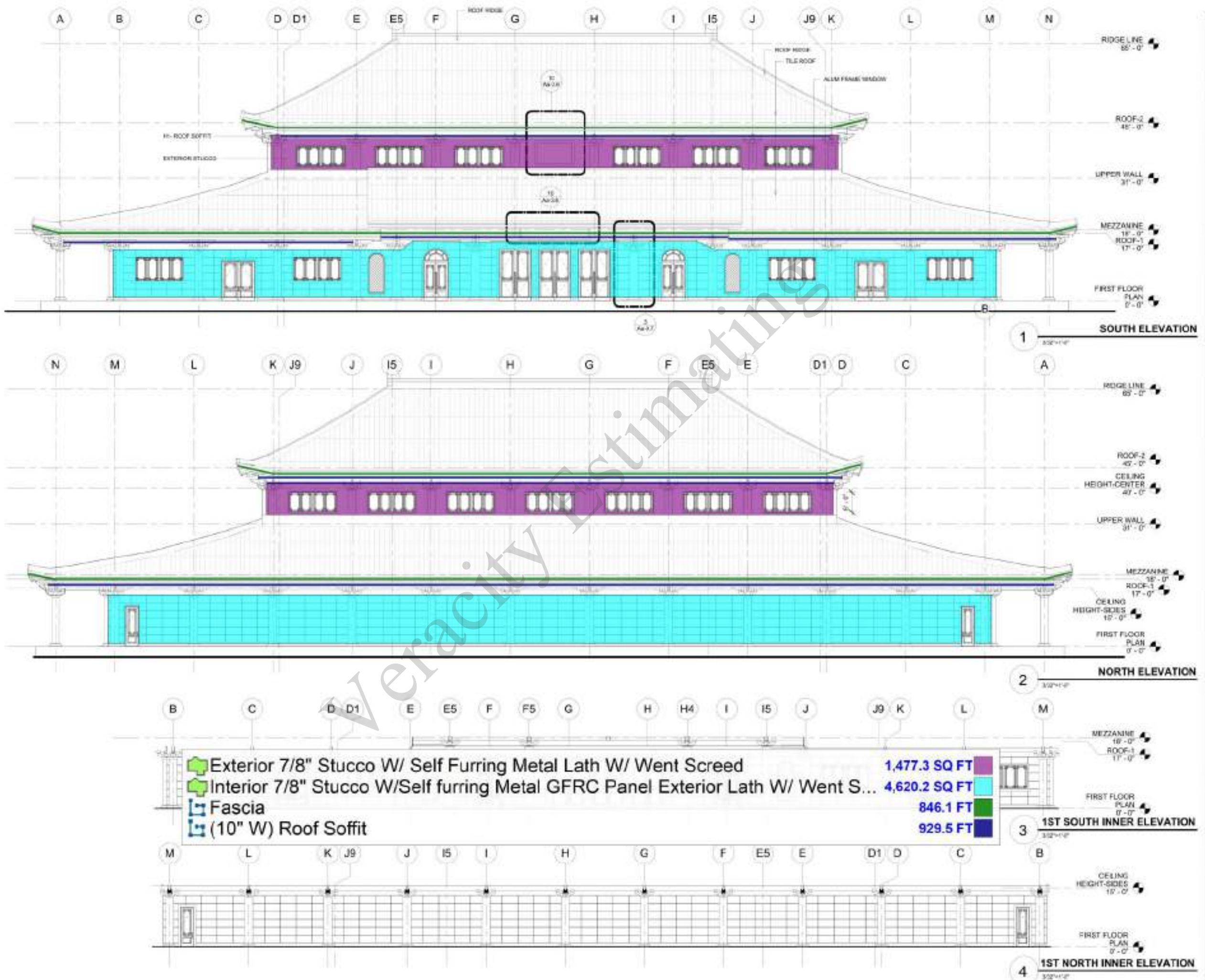
T SQUARE CONSULTING GROUP, Inc.
2555 CONVERSE DRIVE, #200 TEL: (408) 321-8988
SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

IPE - PHASE 2 at CTTB for DRBA
Buddha Hall Shell & T.I.
2365 Meditation Way Ukiah, County of Mendocino, CA. 95482

BUDDHA HALL ELEVATION

DATE: 03/24/2022
JOB NO: T3210306-2
ISSUE & REVISION
01/15/22 progress plan

SHEET NO:
Aa-3.1
(DRAWN BY)



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 2008 CONVERSE DRIVE, #201 TEL: (408) 321-8988
 SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

IPPE - PHASE 2 at CTTB for DRBA
Buddha Hall Shell & T.I.
 2365 Meditation Way Ukiah, County of Mendocino, CA. 95482

BUDDHA HALL ELEVATION

DATE: 03/24/2022
 JOB NO.: T3210306-2
 ISSUE & REVISION

NO.	DATE	REVISION
1	03/24/22	ISSUE FOR PERMIT
2	03/24/22	ISSUE FOR PERMIT
3	03/24/22	ISSUE FOR PERMIT
4	03/24/22	ISSUE FOR PERMIT
5	03/24/22	ISSUE FOR PERMIT
6	03/24/22	ISSUE FOR PERMIT
7	03/24/22	ISSUE FOR PERMIT
8	03/24/22	ISSUE FOR PERMIT
9	03/24/22	ISSUE FOR PERMIT
10	03/24/22	ISSUE FOR PERMIT

SHEET NO. **Aa-3.2**
 (DRAWN BY)

A 4 x 7 ARMSTRONG OTBA WHITE

B 2 x 2 ARMSTRONG OTBA WHITE

C 6" GYP BOARD

D GPC DOME

1. FIRE PROTECTION SHALL BE DESIGNED AND BUILT IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS. AUTOMATIC FIRE SPRINKLER SYSTEMS/PLANS SHALL BE REVIEWED AND APPROVED BY THE FIRE DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FROM THE FIRE DEPARTMENT.
2. SPRINKLER HEADS SHALL BE INSTALLED IN STRAIGHT, UNIMPEDED LINES, AND CENTERED IN COLUMNS, E.G., WHERE IS POSSIBLE.
3. SUBMIT SPRINKLER PLANS TO COUNTY/FIRE DEPARTMENT FOR APPROVAL PRIOR TO PURCHASE AND FABRICATION OF MATERIALS.
4. INSTALL FIRE EXTINGUISHERS PER CODE IN 10' DISTANCE OF EACH CORNER.

1. ALL LIGHT FIXTURES AND HANG SHALL BE LOCATED ON CEILING OR LOCATED ON ALL RECESSED DOWNLIGHT WALL MOUNTED SHALL BE LOCATED IN THE CENTER OF EACH TILE (JOA)
2. NOTIFY ARCHITECT OF ANY CONFLICTS WITH THE SUSPENDED CEILING GRID SYSTEM. HVAC OR SPRINKLER PIPING PRIOR TO INSTALLATION. ALL PICTURE RELOCATIONS IS SUBJECT TO ARCHITECT APPROVAL
3. PROVIDE EMERGENCY LIGHTING AND ILLUMINATED EXIT LIGHT FIXTURES AS REQUIRED BY THE BUILDING DEPARTMENT AND PER CBC SECTION 7008
4. ALL CEA AND PICTURE AND WIRING FOR LIGHT FIXTURES, EXIT SIGNS, OR OTHER ELECTRICAL DEVICES SHALL BE UL APPROVED, THERMALLY PROTECTED, AND SHALL BE INSTALLED IN CONDUCT OR OTHER WIRING METHODS APPROVED BY THE BUILDING DEPARTMENT.
5. LIGHT FIXTURE SWITCHING SHALL CONFORM TO TITLE 24 REQUIREMENTS. DOUBLE SWITCH EACH PICTURE SEPARATELY. EACH SWITCH SHALL CONTROL 30-40 PPM FIXTURE. ADDITIONALLY, LIGHT FIXTURES AREA OF WORK SHALL BE 15-20' OF ELECTRICAL GLASS SHALL BE DOUBLE SWITCHED SEPARATELY PER CODE REQUIREMENTS.
6. ALL SWITCHES, THERMOSTATS, AND OTHER WALL MOUNTED ELECTRICAL DEVICES SHALL BE MOUNTED AT 48" ABOVE FINISHED FLOOR (JOA)
7. WHERE SWITCHES ARE SHOWN ADJACENT TO EACH OTHER, THEY SHALL BE GANGED AND COVERED BY A SINGLE PLATE. COLOR OF COVER PLATES, RECESSED, FINISH, SIZE TYPES SHALL BE 90-01
8. ALL NEW AND EXISTING CEILING GRID SYSTEM HARNESSES OF WORK SHALL HAVE SEISMIC BRACING AS REQUIRED BY APPLICABLE CODES. (SEE DETAIL: 13-03)
9. PROVIDE FIRE DAMPERS AT ALL PENETRATIONS ABOVE SUSPENDED CEILING AS REQUIRED. DAMPERS FOR PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION SHALL BE FIRE-RESISTANT WITH RISE-UP ACTIVATION AS REQUIRED BY CBC SECTION 707
10. ALL SUSPENDED CEILING ARE TO BE INSTALLED TO ASTM STANDARDS. ASTM D2618 & ASTM CEA CODE SECTION 801.1.1
11. THE DRAWINGS FOR LAYOUT PURPOSES ONLY. ENGINEERING OF SWITCHING AND CIRCUITRY SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND REGULATIONS FOR BUILDING LIFE SAFETY, EMERGENCY, EGRESS AND NIGHT LIGHTS. SEE ELECTRICAL NOTES.
12. SEE MECHANICAL DRAWINGS FOR HVAC DUCTING
13. SEE ELECTRICAL DRAWINGS FOR LIGHTING POWER SPECIFICATION LAYOUT
14. CEILING SUSPENDED SYSTEM TO BE:
 - a. ACROUSTICAL CEILING THE SUSPENDED SYSTEM TO BE:
 - MECHANICAL STRUCTURAL ALUM. SUSPENSION SYSTEM DYNAMAK
 - b. DRYWALL / GYPSUM CEILING SUSPENDED TO BE:
 - CERTAINTELD 90 385-4327
 - APPROVED BY LOCAL BUILDING DEPARTMENT



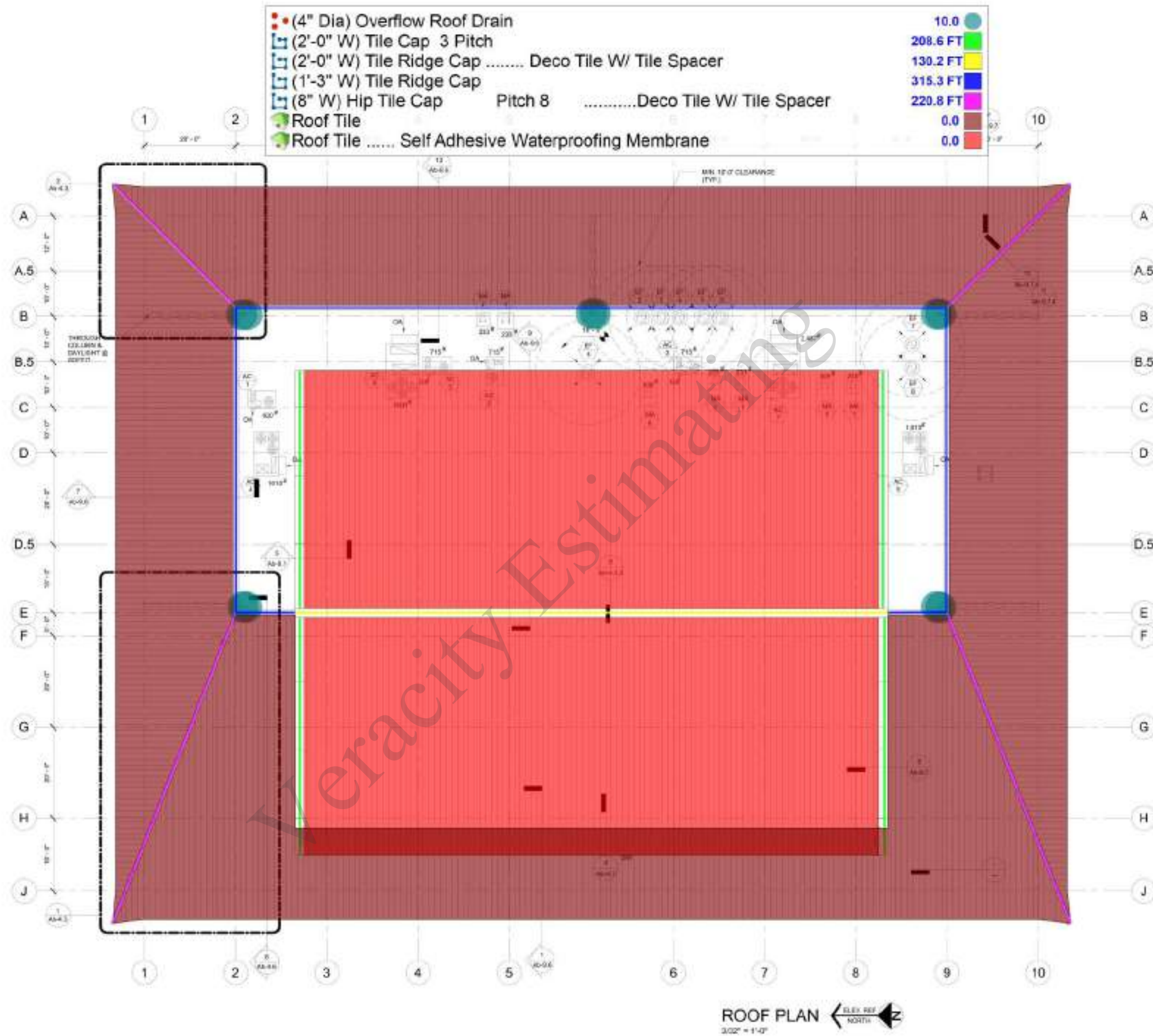
ROOF PLAN NOTES:

1. ARROW ON ROOF PLAN INDICATES DIRECTION OF DRAIN.
2. ALL ELEVATIONS SHOWN ARE TO TOP OF SHEATHING OR TOP OF PLATE AND ARE GIVEN WITH REFERENCE TO FINISH FLOOR ELEVATION + (0.0) UNLESS NOTED.
3. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED EQUIPMENT.
4. ALL ROOF DRAIN AND OVERFLOW DRAIN PIPE TO BE 4" DIA. CAST IRON UNLESS NOTED OTHERWISE.
5. FLAT ROOF SLOPE TO BE 1/4" PER FOOT MIN.
6. ROOFING GLASS TO BE CLASS 1" MIN.
7. ALL ROOF TOP EQUIPMENT TO BE MIN. 10" FROM PROPERTY LINE.

LEGEND

- WINDOW TYPE
- GLAZING
- SHEET WHERE OCCURS
- WALL MOUNT PICTURE HIGH EFFICACY
- DETAIL NUMBER
- DETAIL WHERE OCCURS
- DOOR NUMBER
- VIEW DIRECTION
- SECTION NUMBER
- SHEET WHERE OCCURS
- WINDOW NUMBER
- ALIGN FACE OF FINISH SURFACE OF FINISH

**ROOF TILE SPECIFICATION
(3 HALLS) SEE SHEET
A-9.8a ~ A-9.8e**



- (4" Dia) Overflow Roof Drain
- (2'-0" W) Tile Cap 3 Pitch
- (2'-0" W) Tile Ridge Cap Deco Tile W/ Tile Spacer
- (1'-3" W) Tile Ridge Cap
- (8" W) Hip Tile Cap Pitch 8Deco Tile W/ Tile Spacer
- Roof Tile
- Roof Tile Self Adhesive Waterproofing Membrane

- 10.0
- 208.6 FT
- 130.2 FT
- 315.3 FT
- 220.8 FT
- 0.0
- 0.0

**T SQUARE
CONSULTING
GROUP, Inc.**
2550 Generosity Way Ukiah, CA 95482
TEL: (408) 321-8988
FAX: (408) 321-8987

**IIPE - PHASE 2 at CTTB for DRBA
Dinning Hall Shell & T.I.**
2550 Generosity Way Ukiah, County of
Mendocino, CA. 95482

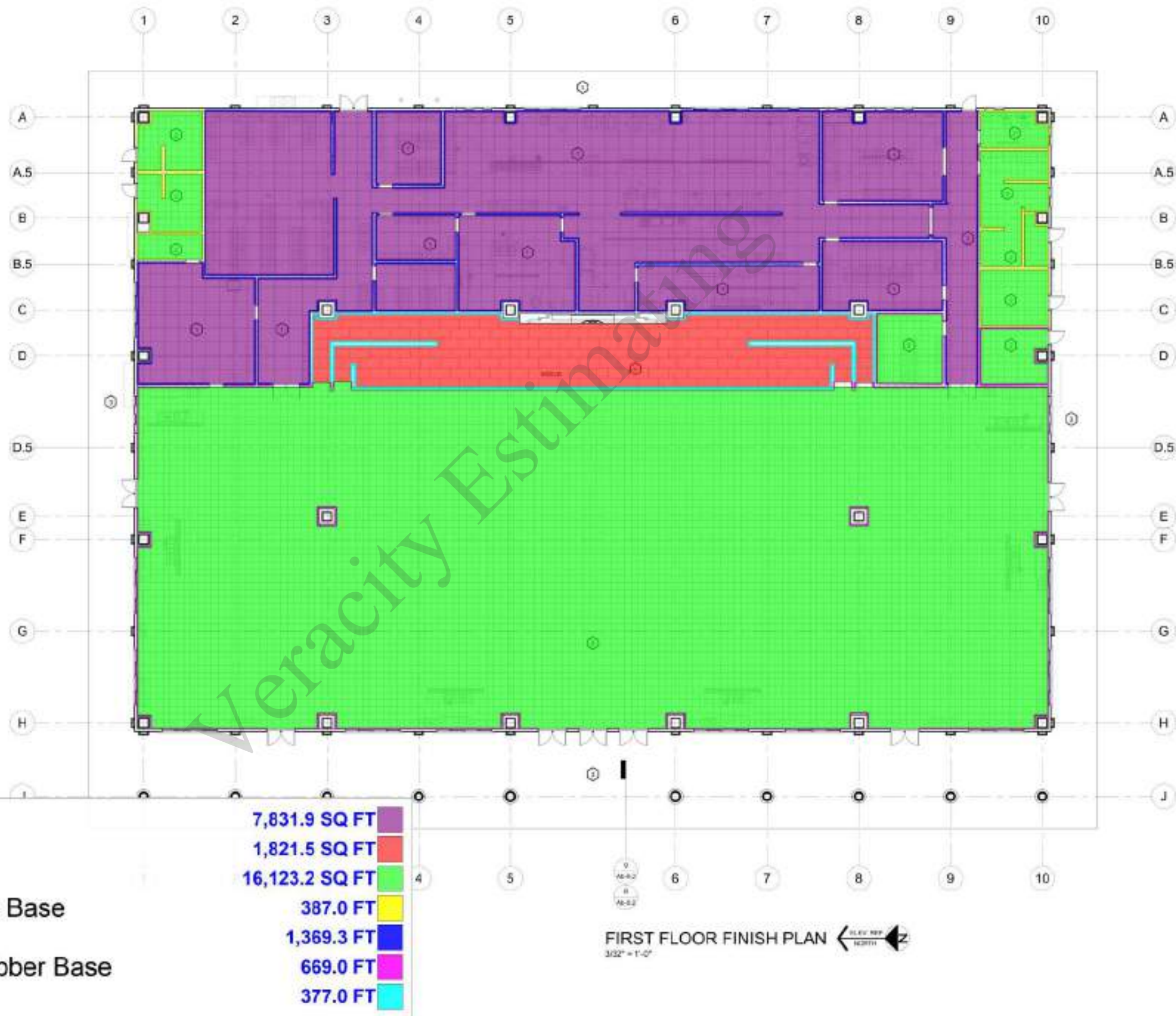
ROOF PLAN

DATE: 03/24/2022
JOB NO: T3210366-3
ISSUE & REVISION

NO	DESCRIPTION	SUBMITTAL
1	01/16/23	preparation
2		
3		
4		
5		
6		
7		
8		
9		
10		

SHEET NO:
Ab-2.4
(DRAWN BY)

FLOOR FINISHES		
#	LEGEND	MATERIALS AND SPECIFICATIONS
1		QUARRY TILE 8" X 8"
2		SPC TILE 12" X 12" SHEET
3		NATURAL SPONGE TILE
4		6" CERAMIC TILE BASE
BASE FINISHES		
#	LOCATION	MATERIALS AND SPECIFICATIONS
51	KITCHEN	QUARRY TILE 8" X 8", COVE BASE
52	BATHROOM	6" CERAMIC TILE BASE
53	DINING/BREAKFAST	6" RESILIENT RUBBER BASE



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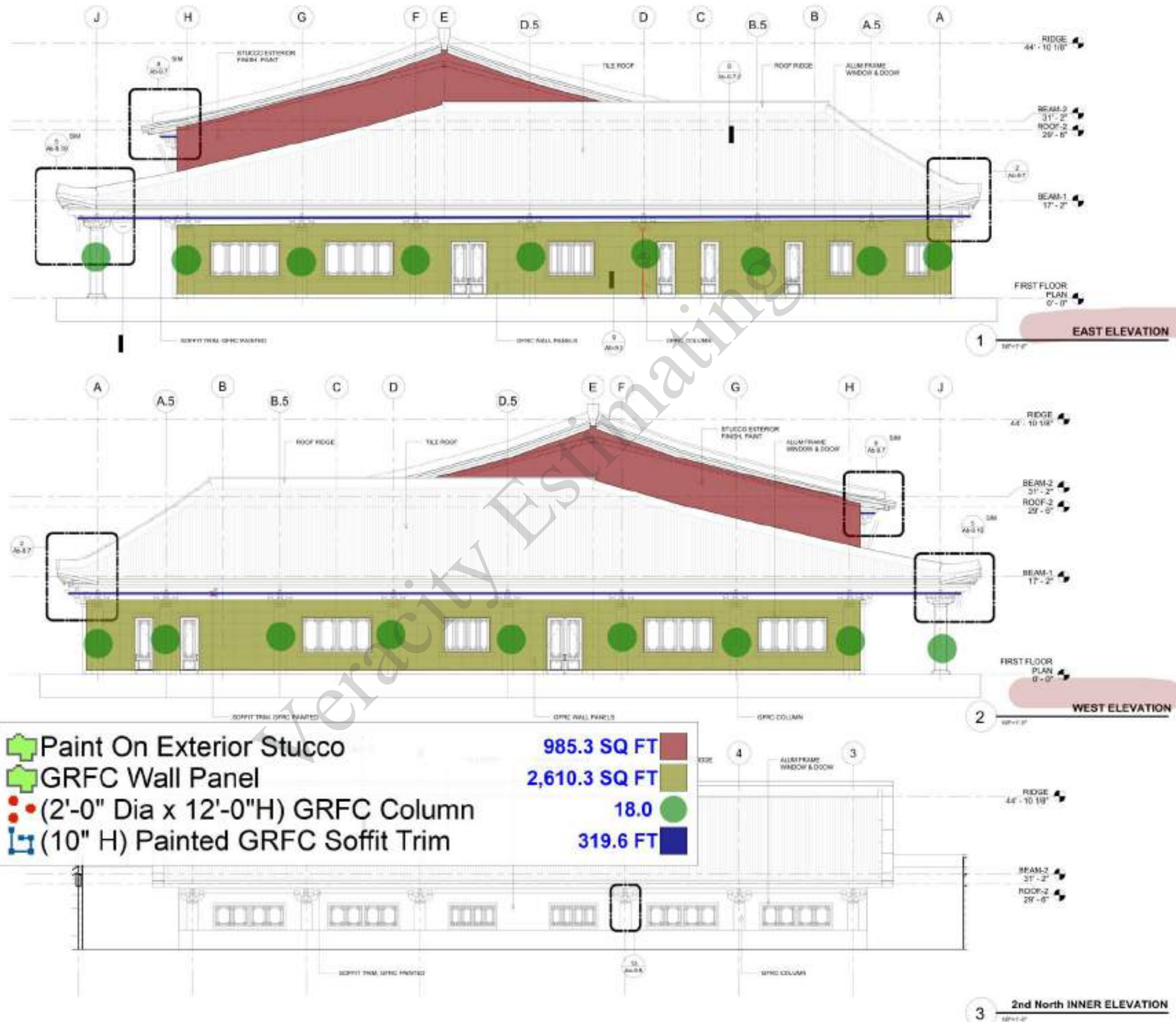
FIRST FLOOR FINISH PLAN

DATE	03/24/2022
JOB NO.	T3210368-3
ISSUE & REVISION	
000102	SUBMITTAL
01/16/23	prepare plan

SHEET NO.
Ab-2.6
(DRAWN BY)

ROOF PLAN NOTES:

1. ARROW ON ROOF PLAN INDICATES DIRECTION OF DRAIN.
2. ALL ELEVATION SHOWN ARE TO TOP OF SHEATHING OR TOP OF PLATE AND ARE GIVEN WITH REFERENCE TO FINISH FLOOR ELEVATION + 0.375 LMO.
3. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED EQUIPMENT.
4. ALL DRAIN AND OVER FLOW DRAIN PIPE TO BE 4" DIA. CAST IRON, UNO SEE DETAIL 11 & 12A&1.
5. FLAT ROOF SLOPE TO BE 1/4" PER FOOT MIN.
6. ROOFING CLASS TO BE CLASS "B" MIN.
7. ALL ROOF TOP EQUIPMENT TO BE MIN. 10'-0" FROM PROPERTY LINE.



T SQUARE CONSULTING GROUP, Inc.
 2550 GENESEE DRIVE, #205 TEL: (408) 321-8988
 SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

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Dinning Hall Shell & T.I.
 2550 Generosity Way Ukiah, County of Mendocino, CA. 95482

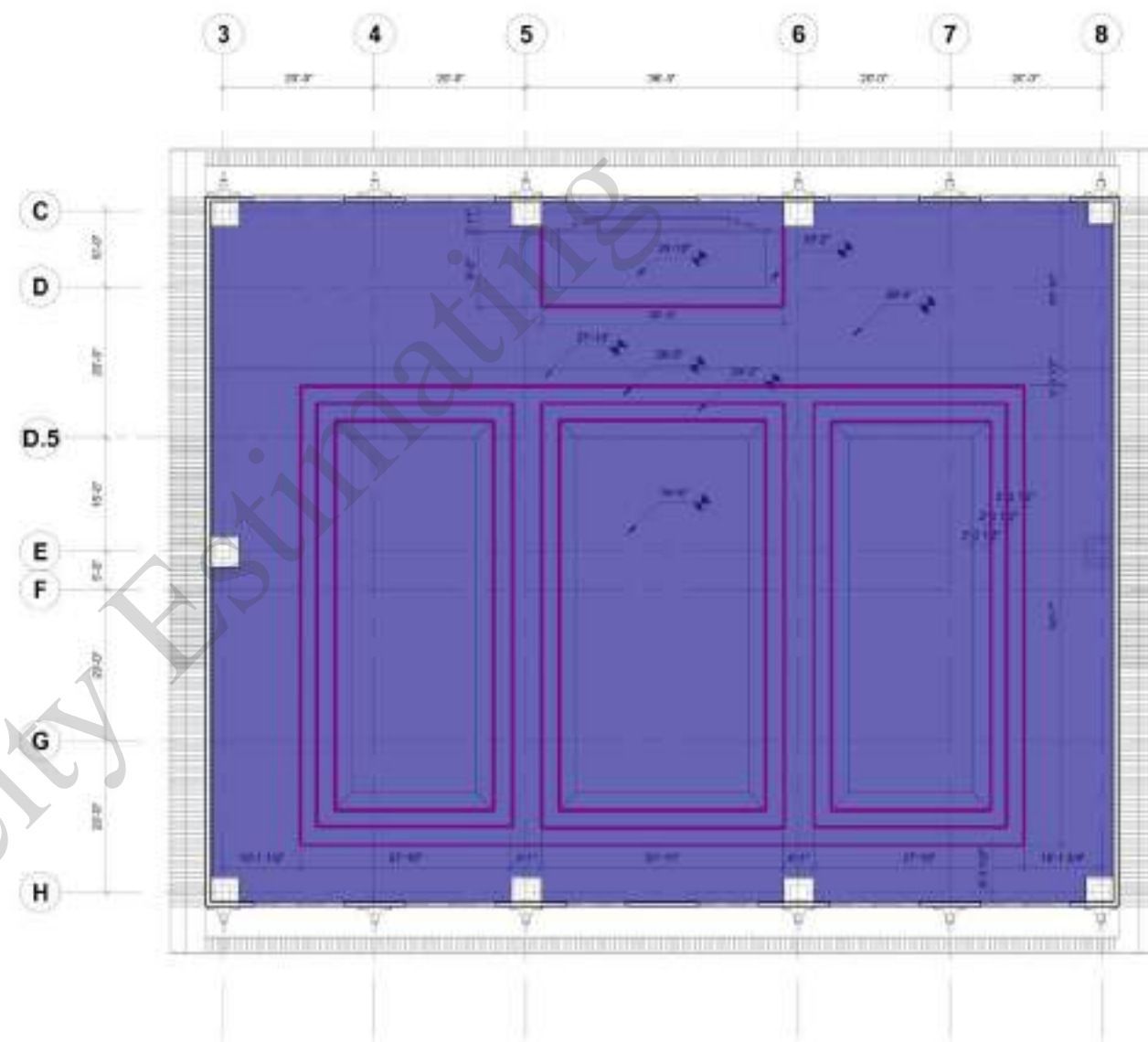
DINING HALL ELEVATION

DATE:	03/24/2022
JOB NO.:	T3210368-3
ISSUE & REVISION	
000102	SUBMITAL
011603	PROPOSED

SHEET NO. **Ab-3.1**
 (DRAWN BY)

A		4'x4' ARMSTRONG GRID WHITE
B		2'x2' ARMSTRONG GRID WHITE
C		6'x6' BOARD
D		GRC DOME
E		GRC SOFFIT PANELS

	GRFC Dome	10,952.8 SQ FT	
	8" High Soffit	1,317.6 FT	



CEILING HEIGHT-SIDES ELEV. REF NORTH

T SQUARE
CONSULTING
GROUP, Inc.

2024 CHINESE OPEN TEL (408) 321-9938
2025 CHINESE OPEN TEL (408) 321-9938



58-08943 75a E-1475

IIPIE - PHASE 2 at CTTB for DRBA
Dinning Hall Shell & T.I.
2550 Generosity Way Ukiah, County of
Mendocino, CA. 95482

CEILING
HEIGHT-SIDES

DATE: 01/24/2022

ART NO. T3210306-3

ISSUE & PREVIOUS

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SHEET NO.

Ab-6.2

Chen et al.

CEILING PLAN LEGEND

- A  1' x 1' ARMSTRONG OTIMA WHITE
- B  2' x 2' ARMSTRONG OTIMA WHITE
- C  5/8" GYP BOARD
- D  GRFC DOME
- E  GRFC SOFFIT PANELS

FIRE SPRINKLER NOTES

1. FIRE PROTECTION SHALL BE DESIGNED AND BUILT IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS. AUTOMATIC FIRE SPRINKLER SYSTEM PLANS SHALL BE REVIEWED AND APPROVED BY THE FIRE DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SEPARATE PERMIT.
2. SPRINKLER HEADS SHALL BE INSTALLED IN STRAIGHT SYMMETRICAL LINES, AND CENTERED IN CEILING TILES, WHERE POSSIBLE.
3. SUBMIT SPRINKLER PLANS TO COUNTY FIRE DEPARTMENT FOR APPROVAL PRIOR TO PURCHASE AND FABRICATION OF MATERIALS.
4. INSTALL FIRE EXTINGUISHER PER CODE IN 70' DISTANCE/50' FIELD VARY.

CEILING NOTES

1. ALL LIGHT FIXTURES AND HVAC SHALL BE LOCATED ON CEILING GRID U.O.M. ALL RECESSED CEILING LIGHT FIXTURES SHALL BE LOCATED IN THE CENTER OF EACH TILE, U.O.M.
2. NOTIFY ARCHITECT OF ANY CONFLICTS WITH THE SUSPENDED CEILING GRID SYSTEM, HVAC, OR SPRINKLER FIXTURES PRIOR TO INSTALLATION. ALL FIXTURES/RECESSES ARE SUBJECT TO ARCHITECT APPROVAL.
3. PROVIDE EMERGENCY LIGHTING AND ILLUMINATED EXIT LIGHT FIXTURES AS REQUIRED BY THE BUILDING DEPARTMENT AND PER CBC SECTION 1008.
4. ALL CEILING FIXTURES AND WIRING FOR LIGHT FIXTURES, EXIT SIGNS, OR OTHER ELECTRICAL DEVICES SHALL BE UL APPROVED, THERMALLY PROTECTED, AND SHALL BE INSTALLED IN CONCORDANCE WITH OTHER WIRING METHODS APPROVED BY THE BUILDING DEPARTMENT.
5. LIGHT FIXTURE SWITCHING SHALL CONFORM TO TITLE 24 REQUIREMENTS. DOUBLE SWITCH EACH FIXTURE SEPARATELY. EACH SWITCH SHALL CONTROL 150W PER FIXTURE. ADDITIONALLY, LIGHT FIXTURES IN AREA OF WORK WITHIN 15' OF EXTERIOR GLASS SHALL BE DOUBLE SWITCHED SEPARATELY PER CODE REQUIREMENTS.
6. ALL SWITCHES, THERMOSTATS, AND OTHER WALL MOUNTED CONTROL DEVICES SHALL BE MOUNTED AT 48" ABOVE UNFINISHED FLOOR U.O.M.
7. WHERE SWITCHES ARE SHOWN ADJACENT TO EACH OTHER, THEY SHALL BE GANGED AND COVERED BY A SINGLE PLATE. COLOR OF COVER PLATES, RECEPTACLES AND SWITCHES SHALL BE WHITE.
8. ALL NEW AND EXISTING CEILING SYSTEM IN AREAS OF WORK SHALL HAVE EDGING BRACING AS REQUIRED BY APPLICABLE CODES. SEE DETAIL 1.243.2.
9. PROVIDE FIRE DAMPERS AT ALL PENETRATIONS ABOVE SUSPENDED CEILING AS REQUIRED. DAMPERS FOR PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE RATED WITH SMOKE ACTIVATION AS REQUIRED BY CBC SECTION 8.
10. ALL SUSPENDED CEILINGS ARE TO BE INSTALLED TO ASTM STANDARDS, ASTM G983 & ASTM G986, (SEE SECTION 808.1.1.1).
11. THIS DRAWING IS FOR LAYOUT PURPOSES ONLY. ENGINEERING OF SWITCHING AND CIRCUITRY SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND REGULATIONS FOR BUILDING LIFE SAFETY, EMERGENCY, CORRESPONDING AND NIGHT LIGHTS. SEE ELECTRICAL NOTES.
12. SEE MECHANICAL DRAWINGS FOR HVAC DUCTING.
13. SEE ELECTRICAL DRAWING FOR LIGHTING POWER SPECIFICATION LAYOUT.
14. CEILING SUSPENDED SYSTEM TO BE:
 - a. ACOUSTICAL CEILING TILE SUSPENDED SYSTEM TO BE ARMSTRONG, STRUCTURAL ALUM. SUSPENSION SYSTEM (ON MARK)
 - b. DRYWALL / GRFC CEILING SUSPENDED TO BE DETERMINED BY MD 388.4521
 - c. ARMSTRONG OTIMA WHITE, GRFC SYSTEM 1,077,218,189.



FIRST FLOOR CEILING PLAN  3/32" = 1'-0"



T SQUARE CONSULTING GROUP, Inc.
 2550 GENEROSITY WAY, SUITE 200
 MENDOCINO, CA 95462
 TEL: (707) 321-8988
 FAX: (707) 321-8987



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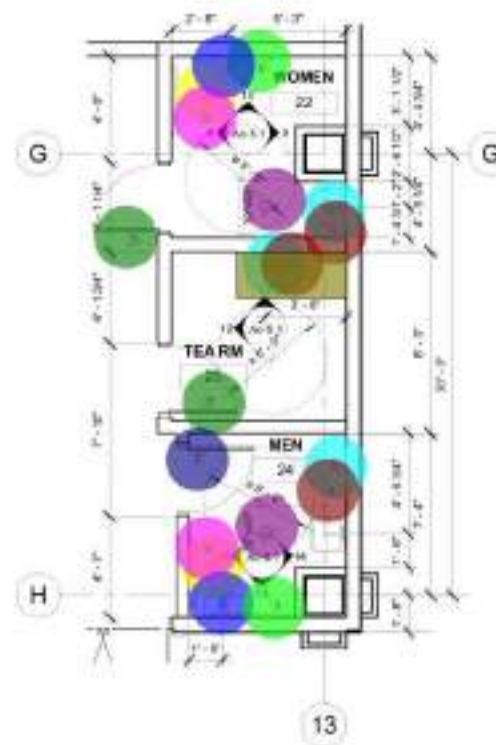
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Dinning Hall Shell & T.I.
 2550 Generosity Way Ukiah, County of Mendocino, CA. 95482

1ST CEILING PLAN

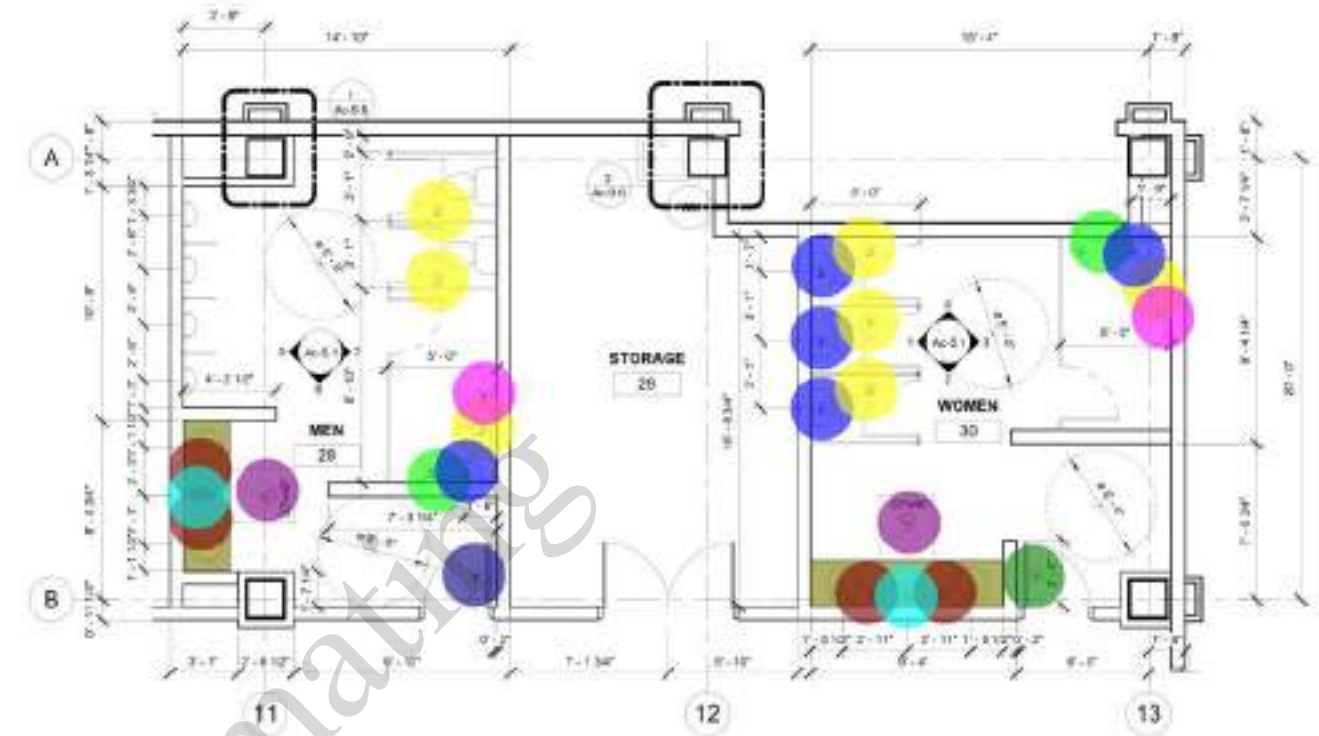
DATE: 03/24/2022
 JOB NO: T3210366-3
 ISSUE & REVISION

NO.	DESCRIPTION	DATE
1	SUBMITTAL	03/24/2022
2	PREPARED FOR	03/24/2022

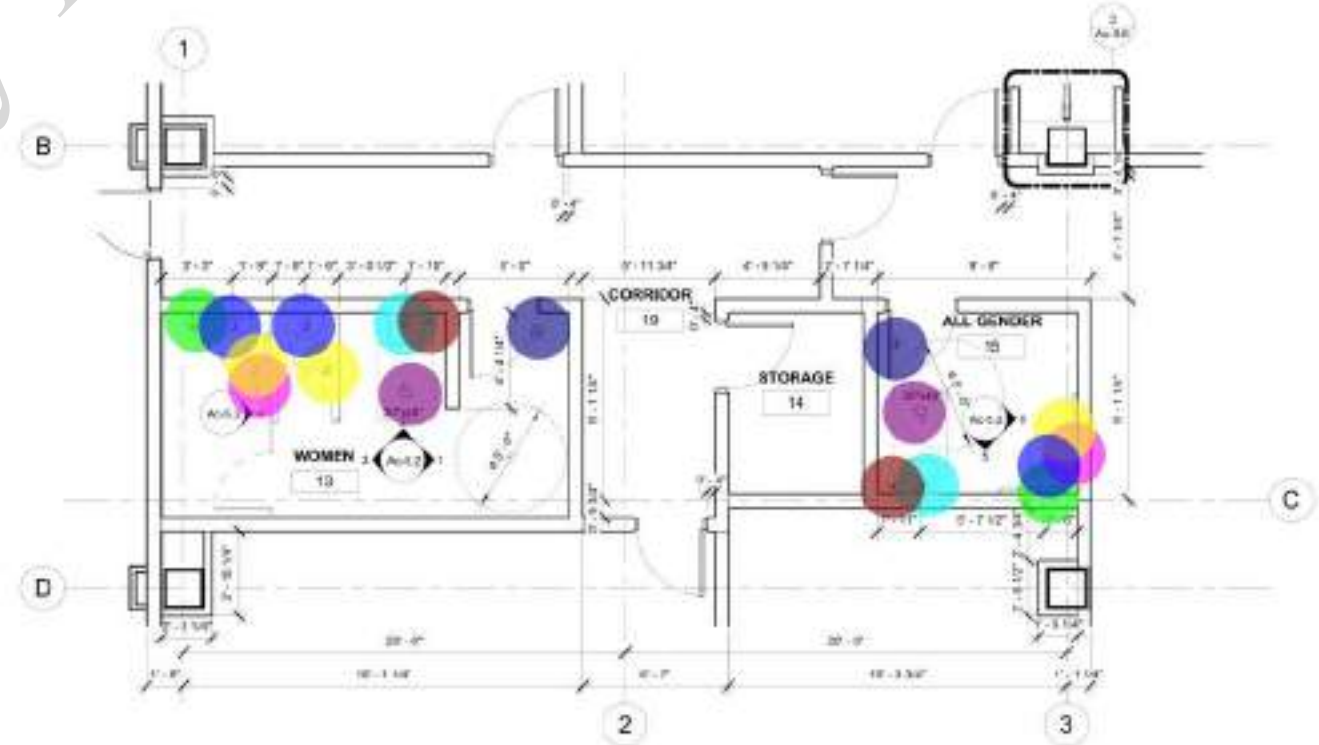
SHEET NO.
Ab-6.1
 (DRAWN BY)



3 ENLARGED FLOOR PLAN - 3



1 ENLARGED FLOOR PLAN - 1



2 ENLARGED FLOOR PLAN - 2

- 36" Grab Bar 6.0 EA
- Toilet Tissue Dispenser (Double Roll) 12.0 EA
- Toilet Seat Cover Dispenser (Surface Mou... 10.0 EA
- 42" Grab Bar 6.0 EA
- (4'H x 1'-6") P.P.G Mirror 7.0 EA
- Soap Dispenser 9.0 EA
- (1/4" Thick, 12"Dia) Circle Toilet Sign For Wo... 3.0 EA
- Countertop 42.2 SQ FT
- (1/4" Thick Equilateral Triangle, 12"Dia) Circ... 4.0 EA
- (30"x48") Accessible Sign 6.0 EA

T SQUARE CONSULTING GROUP, Inc.
 2008 CONVERSE DRIVE, #200 TEL: (408) 321-8988
 SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

DAVID L. SMITH
 CIVIL ENGINEER
 STATE OF CALIFORNIA
 LICENSE NO. 50687

**IPE - PHASE 2 at CTTB for DRBA
 Pharma Hall Shell & T.I.**
 809 Diligence Way Ukiah, County of
 Mendocino, CA. 95482

ENLARGED PLAN - 1

DATE: 03/24/2022
 JOB NO: T3210368-4
 ISSUE & REVISION

NO.	DATE	DESCRIPTION
1	03/24/2022	ISSUE FOR PERMIT

SHEET NO.
Ac-4.1
 (DRAWN BY)

A-9.9a ~ A-9.9c

LEGEND

- WINDOW TYPE
- CLIMATE
- SHEET WHERE
- WALL MOUNT F
- HIGH EFFICACY

 Ridge Tile

 Hip Flashing

Valley Flashing

Cement Plaster On Paper Backed Metal Lath

 4" Roof Tile Cap

4" Roof Tile Cap

 Glazed Roof Tile

 Glazed Roof Tile

337.8 FT

327.8 FT

116.1 FT

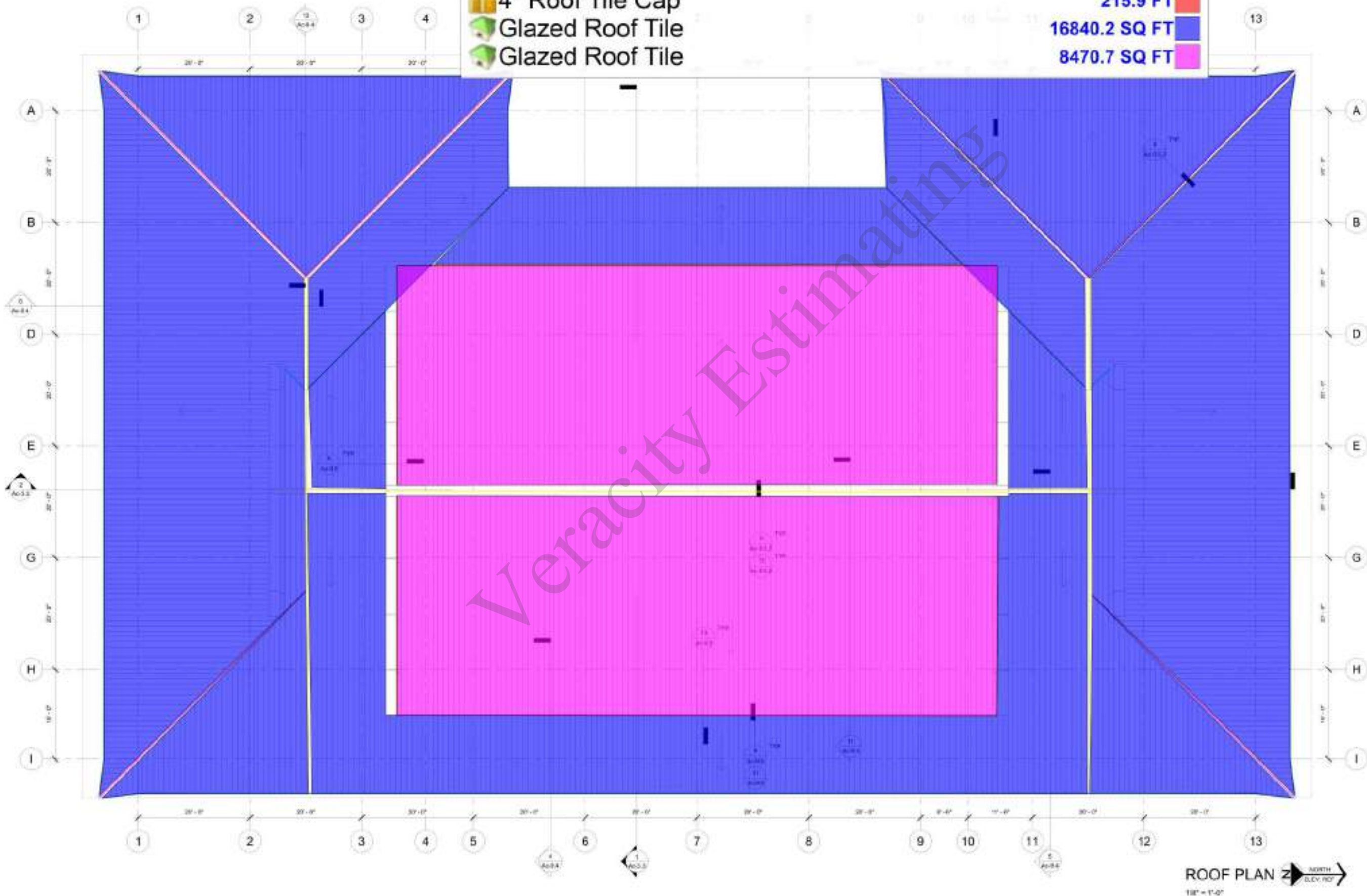
167.6 FT

762.6 FT

215.9 FT

40.2 SQ FT

70.7 SQ FT



**T SQUARE
CONSULTING
GROUP, Inc.**

3026 CONVERSE DR., #20 TEL. (408) 321-8948
SAN JOSE, CA 95128-1000 FAX (408) 321-9037

IIPE - PHASE 2 at CTTB for DRBA
Dharma Hall Shell & T.I.
809 Diligence Way Ukiah, County of
Mendocino, CA. 95482

ROOF PLAN

DATE: 01/24/2022

ISSN: 1321-0308

ISSUE & PREVISION

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2		

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1	2	3
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DATE MO

1000

Ac-2.3

FIGURE 2

On April 8th

5 WINDOW TYPE
AES GLAZING
Y SHEET WHERE OCCURS
1 WALL MOUNT FUTURE
H HORIZONTAL

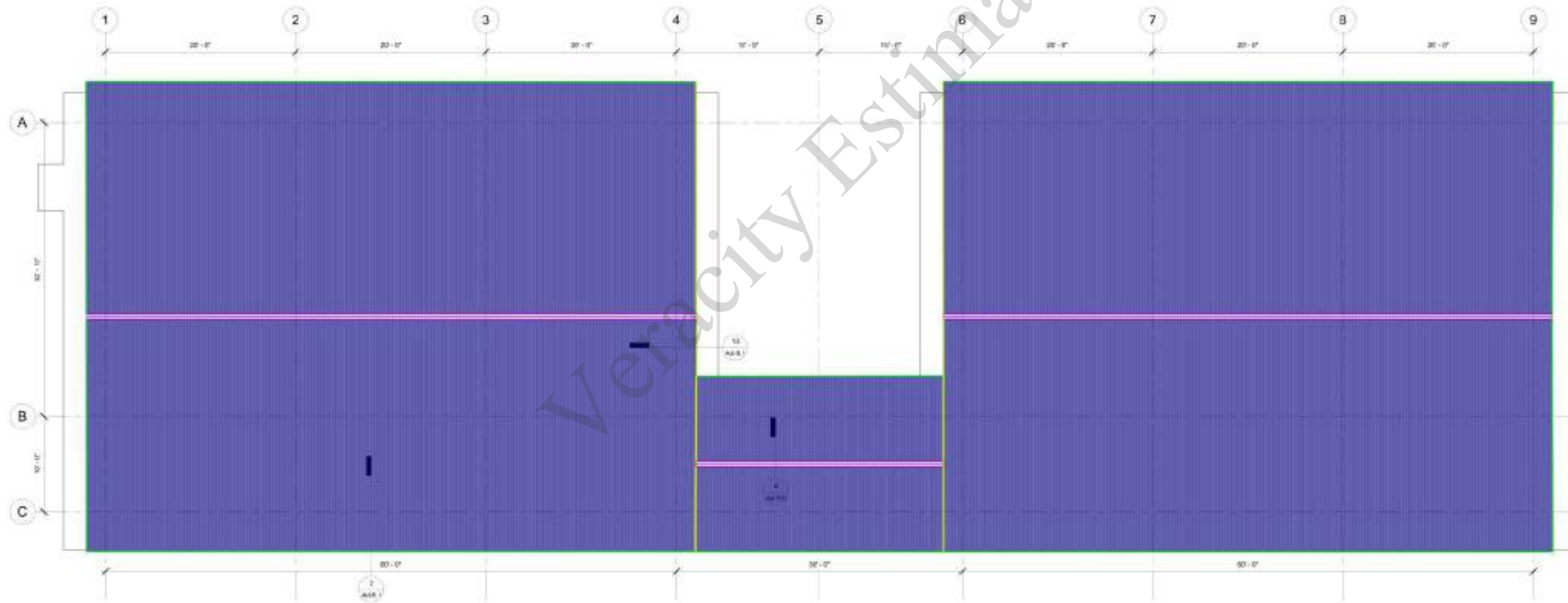
1 DETAIL NUMBER
AB 1 SHEET WHERE OCCURS
2 DOOR NUMBER

VIEW DIRECTION
2 SECTION NUMBER
AB 1 SHEET WHERE OCCURS
1 WINDOW NUMBER

ALIGN FACE OF FRESH AIR FACE OF WINDOW

1. ARROW ON ROOF PLAN INDICATES DIRECTION OF DRAIN
2. ALL ELEVATIONS SHOWN ARE TO TOP OF SHEATHING OR TOP OF PLATE AND ARE GIVEN WITH REFERENCE TO FINISH FLOOR ELEVATION + 1000 (A.O.C.)
3. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED EQUIPMENT.
4. ALL ROOF DRAIN AND OVER FLOW DRAIN PIPE
5. ROOFING GLASS TO BE GLASS 75" MIN.

	Glaz Roof Tile Over Roof Plywood Deck	6717.8 SQ FT	
	4" Roof Tile Cap End	567.8 FT	
	(1' H) Roof Tile Accessory Deco	427.8 FT	
	2x10 GFRC Fascia Board	140.1 FT	
	Ridge Tile	154.2 FT	
	Spacer Tiles	308.2 FT	



WOMAN'S RESTROOM ROOF PLAN
3/16" = 1'-0"



**T SQUARE
CONSULTING
GROUP, Inc.**

2024 COMMENCE (MAY), #33 TEL (408) 327-9948
2401 JEFF. CA 95711-1802 FAX (408) 377-9957



**IIPE - PHASE 2 at CTTB for DRBA
Restrooms Shell & T.I.
795, 799 Dilligence Way & 2401, 2411
Meditation Way Ukiah, County of
Mendocino, CA. 95482**

ROOF PLAN -
WOMEN
RESTROOMS

DATE: 03/24/2022

ISSN NO. T9210308-5

RESULTS & DISCUSSION

BIOT-22	SUBMITAL
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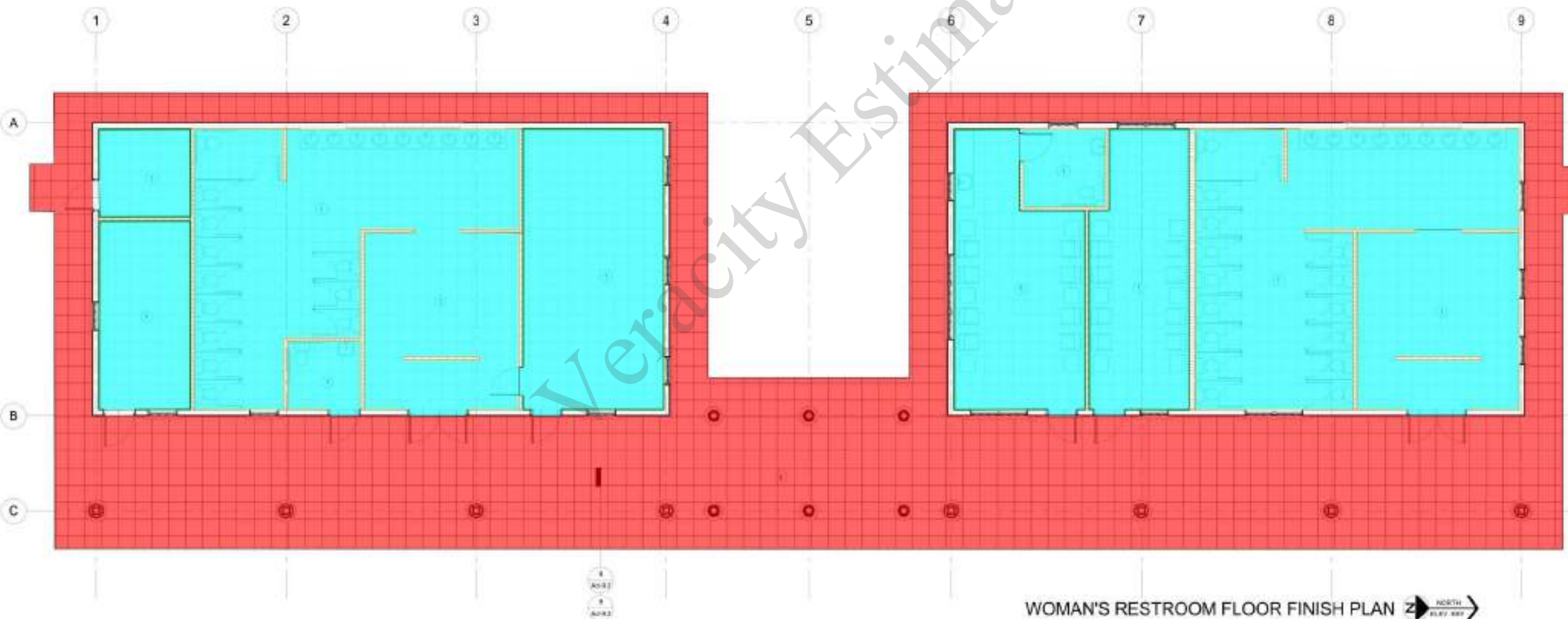
Adw-2 2

FIGURE 2.12
The relationship between the number of hours worked and the number of hours of sleep.

Dr. Anita Bry

FLOOR FINISHES		
#	LEGEND	MATERIALS AND SPECIFICATIONS
1		24"x24" STONE TILE, SEE ID
2		
3		6"x6" STONE TILE, SEE ID
BASE FINISHES		
#	LOCATION	MATERIALS AND SPECIFICATIONS
B1	RESTROOM	6" CERAMIC TILE BASE
B2	DINING/REAR ROOM	6" RESILIENT RUBBER BASE

	(24"x24") Stone Tile	3425.4 SQ FT	
	6" Ceramic Tile Base	488.1 FT	
	6" Resilient Rubber Base	330.1 FT	
	36"x36" Stone Tile	3271.4 SQ FT	



WOMAN'S RESTROOM FLOOR FINISH PLAN NORTH
3/16" = 1'-0"

T SQUARE CONSULTING GROUP, Inc.
2008 CONVERSE DRIVE, #200 TEL: (408) 321-8988
SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

DAVID S. CHEN, P.E.
51424

IPE - PHASE 2 at CTTB for DRBA
Restrooms Shell & T.I.
795, 799 Diligence Way & 2401, 2411
Meditation Way Ukiah, County of
Mendocino, CA. 95482

FLOOR FINISH PLAN - WOMEN RESTROOM

DATE: 03/24/2022
JOB NO. T3210306-5
ISSUE & REVISION

NO.	DATE	REVISION
0001	03/24/2022	SUBMITTAL
0118	03/24/2022	PROPOSED

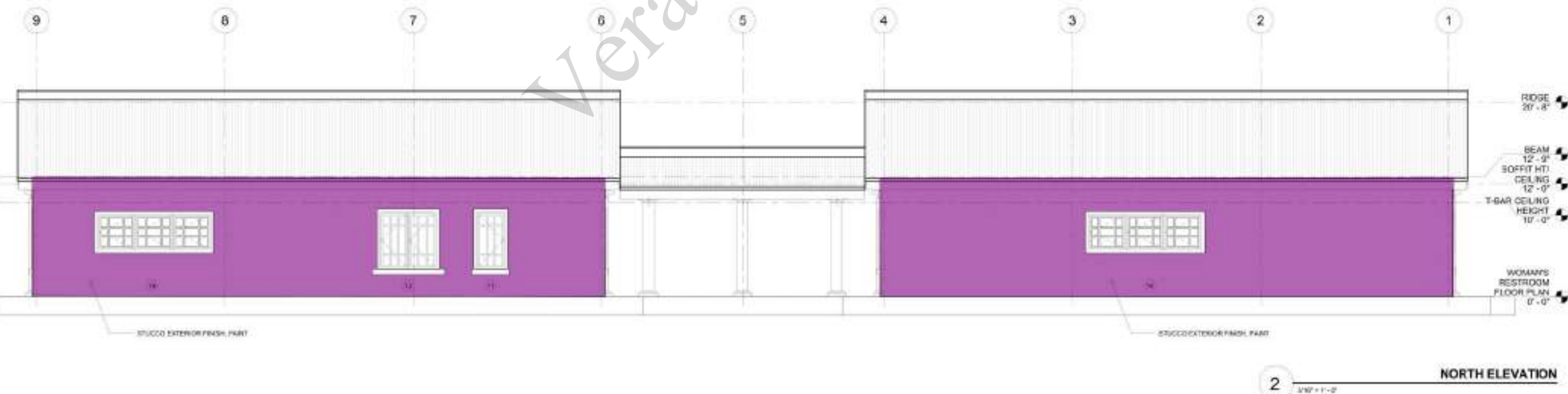
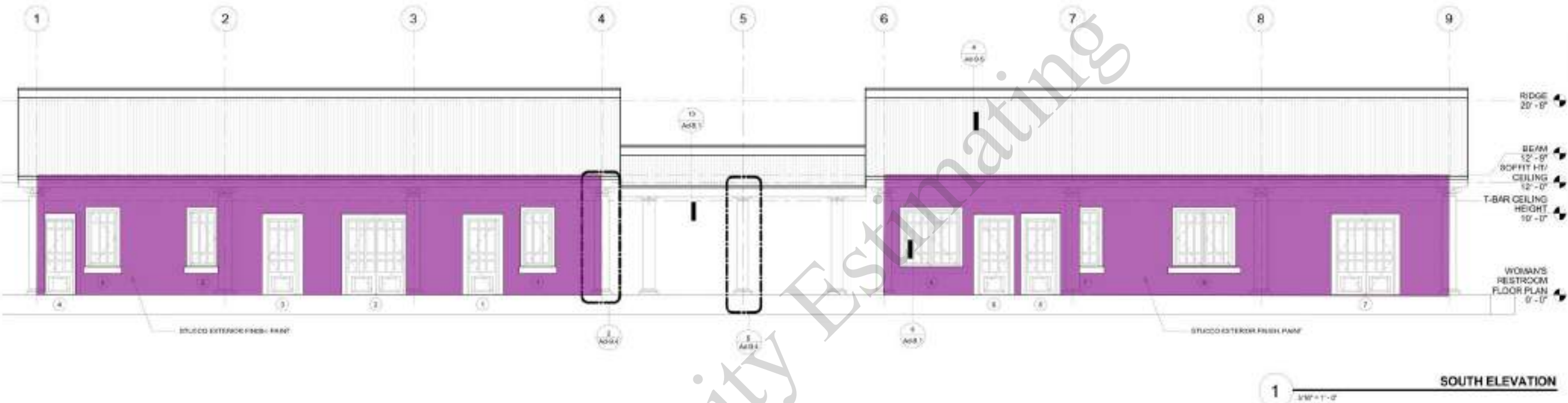
SHEET NO.
Adw-2.4
(DRAWN BY)

ELEVATION NOTES:

1. WALL
 - A. STUCCO IS 3/8" THICK SYSTEM, 1/8" MINIMUM
 - B. METAL LATH OR 1/4" DIA. GALVANIZED WIRE
 - C. TWO LAYERS OF 5/8" DIA. 12" BUILDING PAPER UNDER STUCCO OVER PLYWOOD SHEATHING
 - D. PROVIDE WEEP SCALES AT FOUNDATION PLATE LINE ON ALL STUCCO WALLS
 - E. WEEP SCREED SHALL BE 4" ABOVE GROUND AND 2" ABOVE PAVED AREA
2. WINDOW
 - A. MANUFACTURE OR US ALUMINUM MODEL - FLUSH FRONT STOREFRONT SYSTEM, SERIES 600
 - B. GLAZING: 1/2" FRONT LOMO, CLEAR DOUBLE PANE, C/WALLS SEE TITLE 24 SPECIFICATIONS
 - C. STOREFRONT FRAMES COLOR TO BE CLEAR ANODIZED FINISH
 - D. ENTRANCE DOOR TO BE SERIES 250, HARDWARE PER DOOR SCHEDULE
3. DOOR
 - A. MIN. 12" LETTER, EXTRUDED ALUMINUM, OR NOTED OTHERWISE
 - B. COLOR TO BE CONTRAST WITH BACKGROUND COLOR
 - C. VISIBLE FROM STREET
 - D. LOCATION SEE BUILDING ELEVATION
4. ROSE
 - A. MIN. 12" LETTER, EXTRUDED ALUMINUM, OR NOTED OTHERWISE
 - B. COLOR TO BE CONTRAST WITH BACKGROUND COLOR
 - C. VISIBLE FROM STREET
 - D. LOCATION SEE BUILDING ELEVATION

7/8" Stucco 3 CoatW Alternate GFRC Wall Panel

2410.7 SQ FT





**T SQUARE
CONSULTING
GROUP, Inc.**

2559 CONVERSE DRIVE, #200 TEL: (408) 321-8988
SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

**IPE - PHASE 2 at CTTB for DRBA
Restrooms Shell & T.I.
795, 799 Diligence Way & 2401, 2411
Meditation Way Ukiah, County of
Mendocino, CA. 95482**

**ELEVATIONS
- WOMEN
RESTROOM**

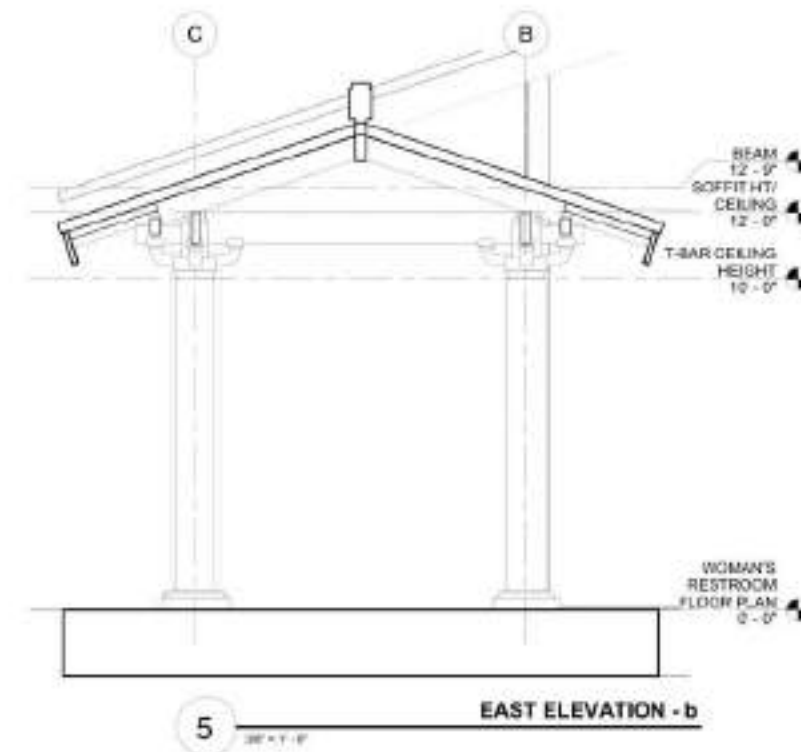
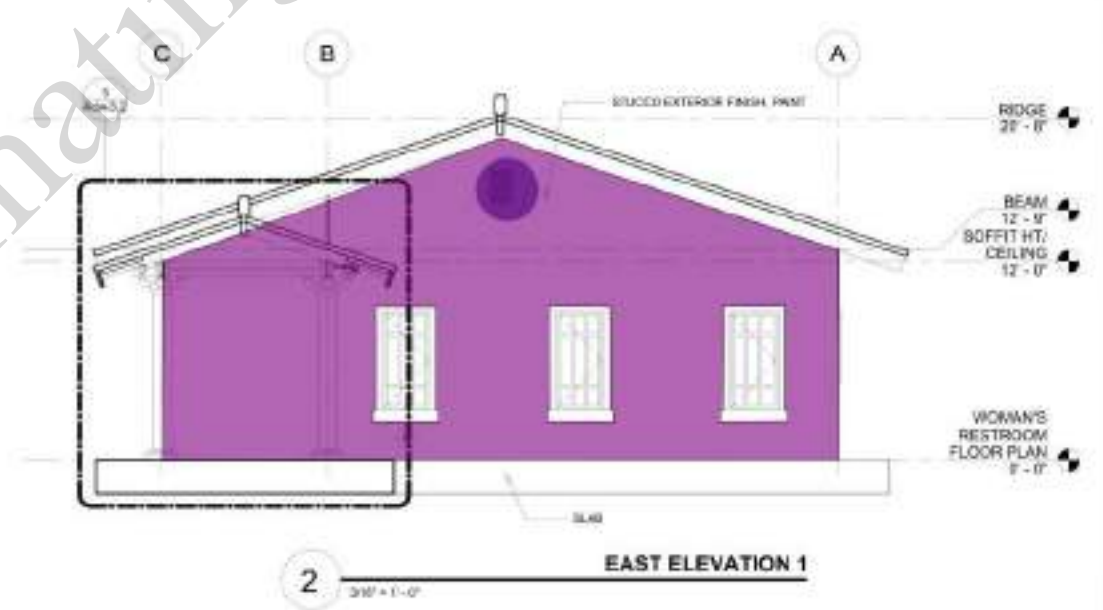
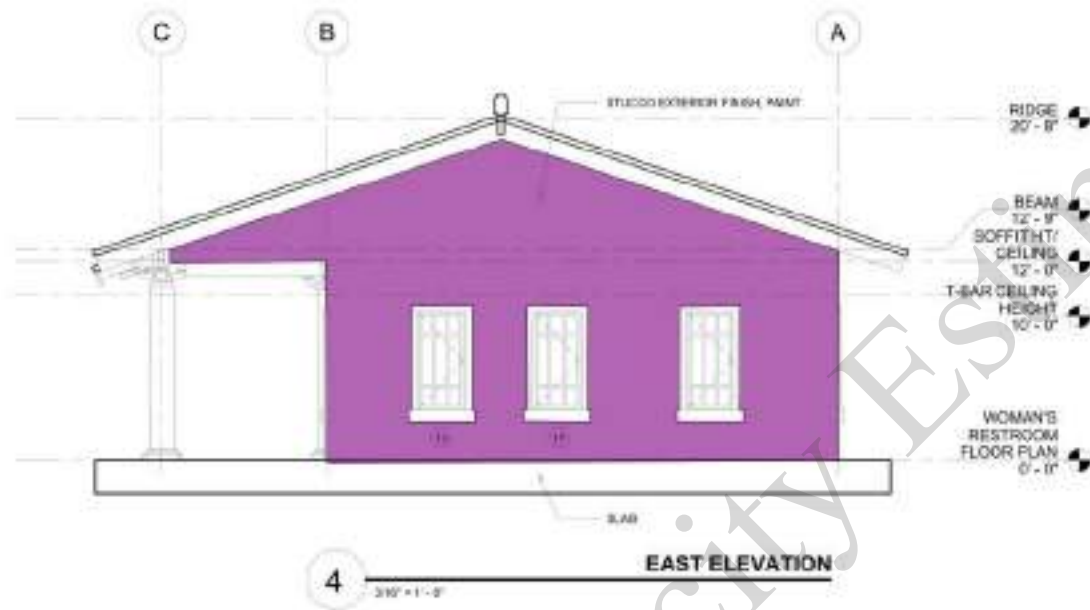
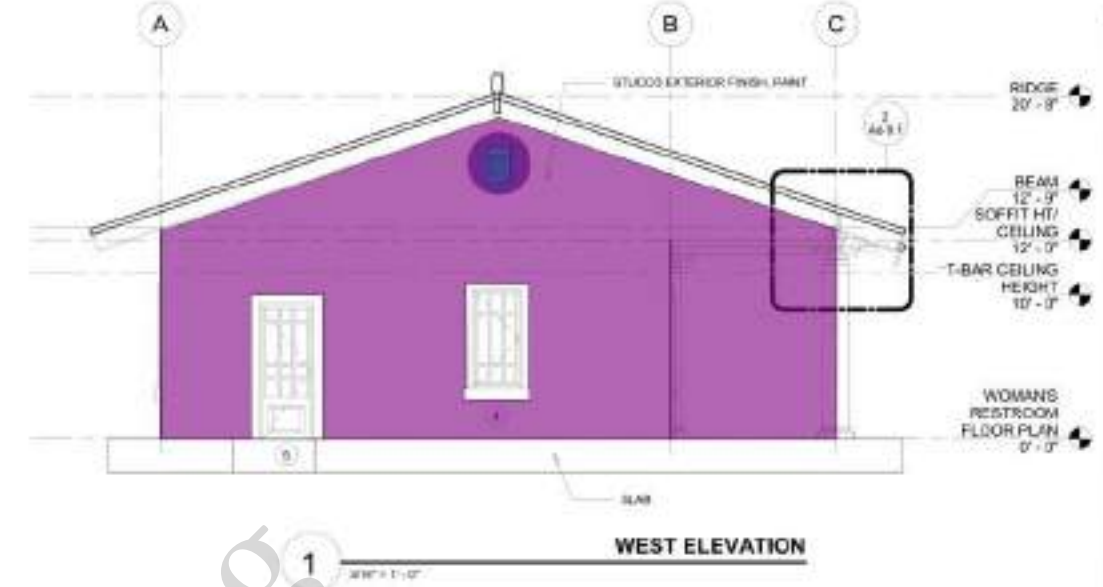
DATE:	03/24/2022
JOB NO.	T3210306-5
ISSUE & REVISION	
01/15/22	proposed

SHEET NO.
Adw-3.1

(DRAWN BY)

ELEVATION NOTES:

1. WALL:
 - A. STUCCO IS 5-COAT SYSTEM, 3/8" MINIMUM
 - B. INSTALL 30 GAGE GALVANIZED IRON
 - C. TWO LAYERS OF 5/8" BUILTUP PAPER UNDER STUCCO OVER PLYWOOD SHEATHING
 - D. PROVIDE DEEP SCORDED HT FOUNDATION PLATE LINE ON ALL STUCCO WALLS
 - E. WEAP SCORDED SHALL BE 1" ABOVE EARTH AND 1" ABOVE PAVED AREA
2. WINDOW:
 - A. MANUFACTURE: CRL US ALUMINUM
 - B. FLUSH FRONT STOREFRONT SYSTEM, SERIES 600
 - C. GLAZING: 1/2" FRONT LAMB, CLEAR, DOUBLE PANE, 6 VALUE SEE FRESH SPECIFICATIONS
 - D. STOREFRONT FRAME: COLOR TO BE CLEAR MILL FINISH
 - E. ENTRANCE DOOR TO BE SERIES 250, HARDWARE PER DOOR SCHEDULE
3. DOOR:
 - A. MIN 12" LETTER, EXTRUDED ALUMINUM OR NOTED OTHERWISE
 - B. COLOR TO BE CONTRAST WITH BACKGROUND COLOR
 - C. VISIBLE FROM STREET
 - D. LOCATION SEE BUILDING ELEVATION
4. ROOF:
 - A. MIN 12" LETTER, EXTRUDED ALUMINUM OR NOTED OTHERWISE
 - B. COLOR TO BE CONTRAST WITH BACKGROUND COLOR
 - C. VISIBLE FROM STREET
 - D. LOCATION SEE BUILDING ELEVATION



Attic Vent 2.0 EA
 7/8" Stucco 3 ... 2167.0 SQ FT

T SQUARE CONSULTING GROUP, Inc.
 2508 CONVERSE DRIVE, #201 TEL: (408) 321-8988
 SAN JOSE, CA 95128-1002 FAX: (408) 321-9987

IPE - PHASE 2 at CTTB for DRBA
Restrooms Shell & T.I.
 795, 799 Diligence Way & 2401, 2411
 Meditation Way Ukiah, County of
 Mendocino, CA. 95482

ELEVATIONS - WOMEN RESTROOM

DATE: 03/24/2022
 JOB NO: T3210306-5
 ISSUE & REVISION

NO	DATE	REVISION
1	03/24/22	SUBMITTAL
2	03/24/22	PROPOSED

SHEET NO:
Adw-3.2
 (DRAWN BY)

1. ALL LIGHT FIXTURES AND HEAD SHALL BE LOCATED ONCE IN ONE GRID U.O.N. ALL RECESSED DOWNLIGHTS/THERMAL HEADINGS SHALL BE LOCATED IN THE CENTER OF EACH TILE U.O.N.
2. NOTIFY ARCHITECT OF ANY CONFLICTS WITH THE SUBMITTED CEILING GRID SYSTEM. HVAC OR SPRINKLER FIXTURES PRIOR TO INSTALLATION ALL FIXTURE RELOCATION IS SUBJECT TO ARCHITECT APPROVAL.
3. PROVIDE EMERGENCY LIGHTING AND ILLUMINATED EXIT LIGHT FIXTURES AS REQUIRED BY THE BUILDING DEPARTMENT AND PER CBC SECTION 1008.
4. ALL CEILING FIXTURES AND WIRING FOR LIGHT FIXTURES, EXIT SIGNS, OR OTHER ELECTRICAL DEVICES SHALL BE U.L. APPROVED, THERMALY PROTECTED, AND SPACED 3-6" FOR FIXTURES. ADDITIONAL OTHER WIRING METHOD APPROVED BY THE BUILDING DEPARTMENT.
5. LIGHT FIXTURE SWITCHING SHALL CONFORM TO TITLE 24 REQUIREMENTS. DOUBLE SWITCH EACH FIXTURE SEPARATELY. EACH SWITCH SHALL CONTROL 3-4" FOR FIXTURES. ADDITIONAL 1" LIGHT FIXTURES IN AREA OF ROOM WITHIN 15" OF EXIT/DOOR GLASS SHALL BE DOUBLE SWITCHED SEPARATELY PER CODE REQUIREMENTS.
6. ALL SWITCHES, THERMOSTATS, AND OTHER WALL-MOUNTED CONTROL DEVICES SHALL BE MOUNTED AT 48" ABOVE UNFINISHED FLOOR U.O.N.
7. WHERE SWITCHES ARE SHOWN ADJACENT TO EACH OTHER, THEY SHALL BE GANGED AND COVERED BY A SINGLE PLATE. COLOR OF COVER PLATE, RECEPTABLES AND SWITCHES SHALL BE WHITE.
8. ALL NEW AND EXISTING CEILING SYSTEM IN AREA OF WORK SHALL HAVE SEISMIC BRACING AS REQUIRED BY APPLICABLE CODES. SEE DETAIL 1.3.10.12.
9. PROVIDE FIRE CHAMBERS AT ALL PENETRATIONS. ACTIVE SUSPENDED CEILING AS REQUIRED. CHAMBERS FOR PENETRATIONS THROUGH FIRE-RATED CEILING SHALL BE FIRE-RESISTIVE WITH SMOKING ACTIVATION AS REQUIRED BY CBC SECTION 8.
10. ALL SUSPENDED CEILING ARE TO BE INSTALLED TO ASTM STANDARDS. ANTISTATIC & ASTM CODE. (CBC SECTION 806.1.1, 1).
11. THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. ENGINEERING OF WIRING AND ELECTRICAL SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND REGULATIONS FOR BUILDING LIFE SAFETY, EMERGENCY, EGRESS AND NIGHT LIGHTS. SEE ELECTRICAL NOTES.
12. SEE MECHANICAL DRAWINGS FOR HVAC DUCTING.
13. SEE ELECTRICAL DRAWINGS FOR LIGHTING POWER SPECIFICATION LAYOUT.
14. CEILING SUSPENDED SYSTEM TO BE:
 - a. ACoustICAL CEILING TILE SUSPENDED SYSTEM TO BE:
 - KING TRUSS, STRUCTURAL ALUM. SUSPENSION SYSTEM, DYNAMIC.
 - b. DIFFUSAL TYPIC CEILING SUSPENDED TO BE:
 - CONTINUED FROM SHEET 0207
 - WAC TRUSS DIFFUSAL CEILING SYSTEM, 1.07.27.2018 FILE

1. FIRE PROTECTION SHALL BE DESIGNED AND BUILT IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS. AUTOMATIC FIRE SPRINKLER SYSTEM PLANS SHALL BE REVIEWED AND APPROVED BY THE FIRE DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS.
2. SPRINKLER HEADS SHALL BE INSTALLED IN SYMMETRICAL, SYMMETRICAL LINES, AND CENTERED IN CEILING TILES, WHERE IS POSSIBLE.
3. SUBMIT SPRINKLER PLANS TO COUNTY FIRE DEPARTMENT FOR APPROVAL PRIOR TO PURCHASE AND FABRICATION OF MATERIALS.
4. DETAIL FIRE EXTINGUISHER PER CODE (IN TV DISTANCE) GC FIELD VERIFY.

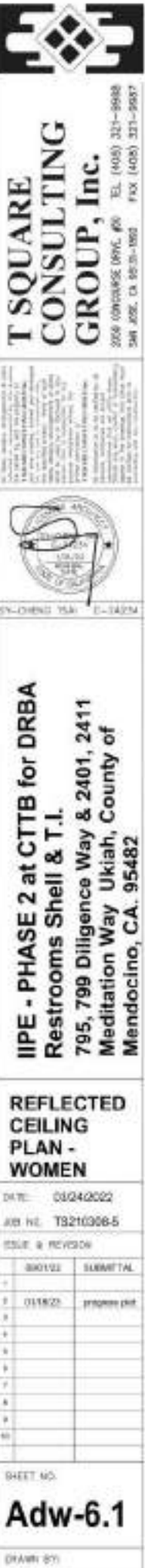
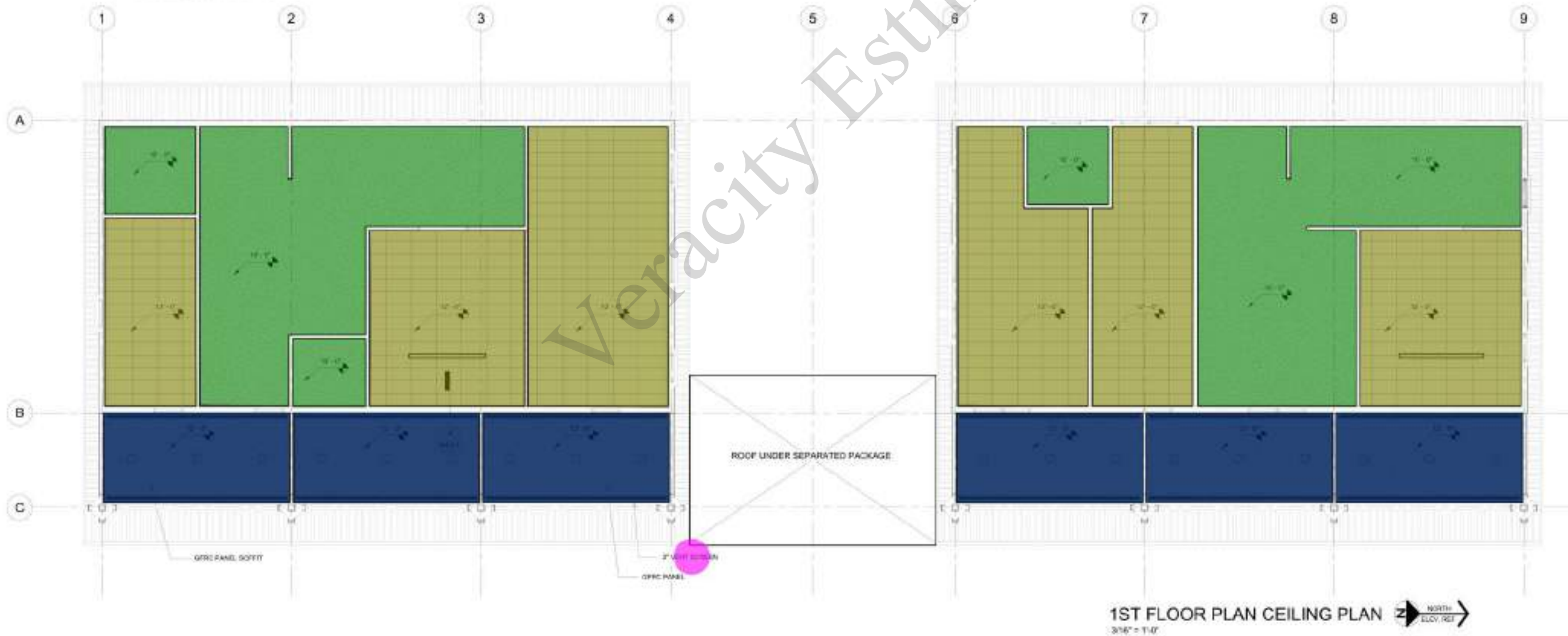
A 2' x 4' ARMSTRONG GRID WHITE

B 5/8\" GRIP BOARD

C GFC SOFT IT PANELS

D GFC DOME

5/8" Gypsum Board Ceiling	2625.3 SQ FT
2'x4' Armstrong Otima /White	1886.2 SQ FT
2" Vent Screen	1.0 EA
GFRC Panel Soffit	1114.2 SQ FT



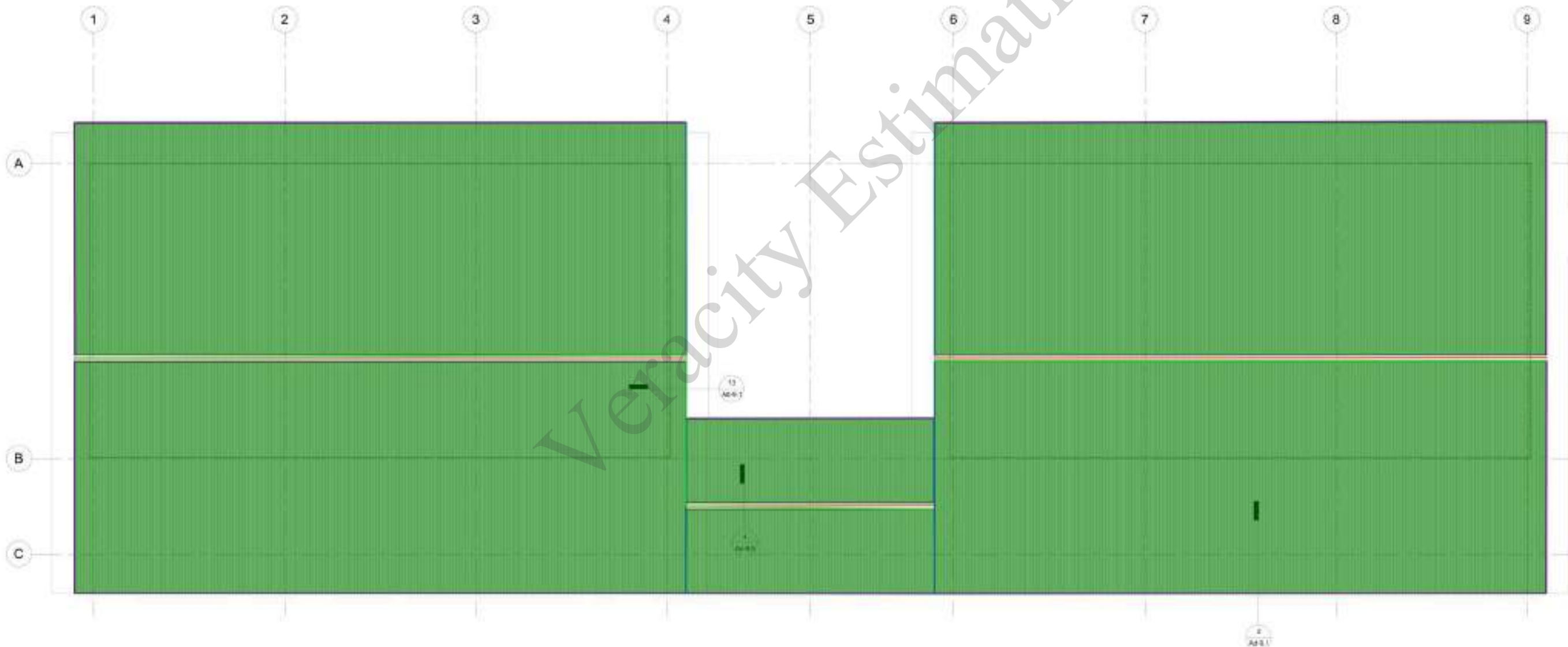
ROOF PLAN NOTES:

1. ARROW ON ROOF PLAN INDICATES DIRECTION OF DRAIN
2. ALL ELEVATION SHOWN ARE TO TOP OF SHEATHING OR TOP OF PLATE AND ARE GIVEN WITH REFERENCE TO FINISH FLOOR ELEVATION + (0'-0") (U.A.S.)
3. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR RELATED EQUIPMENT.
4. ALL ROOF DRAIN AND OVER FLOW DRAIN PPS
5. ROOFING CLASS TO BE CLASS 1B MIN.

LEGEND

- 1 WINDOW TYPE
- 2 GLAZING
- 3 SHEET WHERE OCCURS
- 4 WALL MOUNT FEATURE
- 5 HIGH EFFICIENCY
- 6 DETAIL NUMBER
- 7 TYP SHEET WHERE OCCURS
- 8 DOOR NUMBER
- 9 VIEW DIRECTION
- 10 SECTION NUMBER
- 11 SHEET WHERE OCCURS
- 12 WINDOW NUMBER
- 13 ALTERNATE FACE OF FINISH W/ FACE OF FINISH

Glaze Roof Tile Over Roof Plywood D	6720.2 SQ FT
4" Roof Tile Cap End	558.3 FT
(1' H) Roof Tile Accessory Deco	427.5 FT
2x10 GFRG Fascia Board	140.2 FT
Ridge Tile	154.3 FT
(2) Spacer Tiles	170.0 FT



MEN'S RESTROOM ROOF PLAN
3/16" = 1'-0"



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Mendocino, CA. 95482

ROOF PLAN - MEN RESTROOMS

DATE: 03/24/2022

JOB NO. T3210306-5

ISSUE & REVISION

NO.	DESCRIPTION	DATE
1	SUBMITTAL	
2	PROPOSED	01/18/22
3		
4		
5		
6		
7		
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SHEET NO.

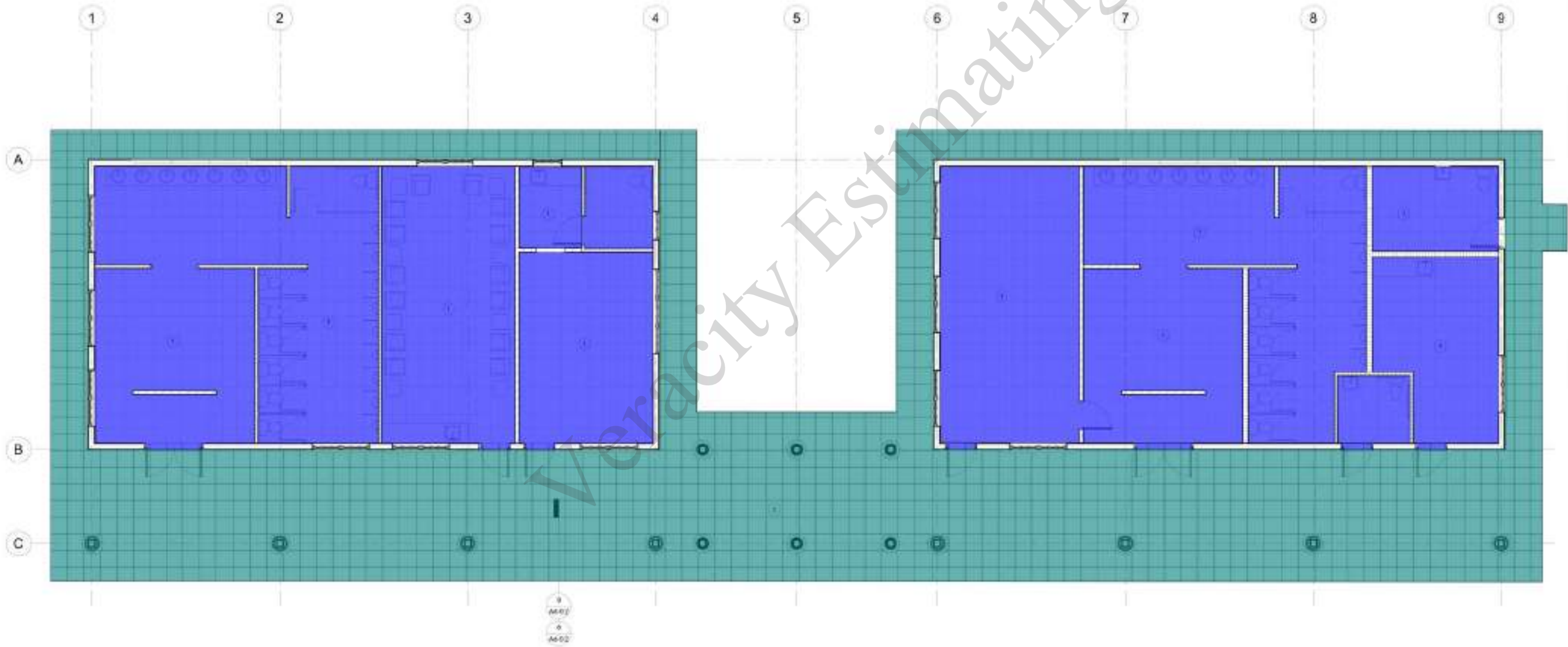
Adm-2.2

(DRAWN BY)

FLOOR FINISHES		
#	LOCATION	MATERIALS AND SPECIFICATIONS
1		24"x24" STONE TILE, SEE 01
2		
3		36"x36" STONE TILE, SEE 01
BASE FINISHES		
#	LOCATION	MATERIALS AND SPECIFICATIONS
4	RESTROOM	6" CERAMIC TILE BASE
5	ENTRY/REAR PORCH	6" POLISHED RUBBER BASE

 (24"x24") Stone Tile
 36"x36" Stone Tile

3405.8 SQ FT 
 3250.1 SQ FT 



MEN'S RESTROOM FLOOR FINISH PLAN
 3/16" = 1'-0"





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T. S. CHONG, P.E.
 E-34254

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**FLOOR
FINISH PLAN
- MEN
RESTROOM**

DATE: 03/24/2022
 JOB NO. T3210306-5
 ISSUE & REVISION

NO.	DATE	REVISION
000122		SUBMITTAL
011822		PROPOSED

SHEET NO.
Adm-2.4
 (DRAWN BY)

CEILING NOTES

1. ALL LIGHT FIXTURES AND HVAC SHALL BE LOCATED ON CEILING GRID. ALL RECESSED DOWNLIGHTS SHALL BE LOCATED IN THE CENTER OF EACH TILE, 12" DIA.
2. NOTIFY ARCHITECT OF ANY CONFLICTS WITH THE SUSPENDED CEILING AND SYSTEM HVAC OR SPRINKLER FIXTURES PRIOR TO INSTALLATION. ALL FIXTURES RELOCATION IS SUBJECT TO ARCHITECT APPROVAL.
3. PROVIDE EMERGENCY LIGHTING AND ILLUMINATED EXIT LIGHT FIXTURES AS REQUIRED BY THE BUILDING DEPARTMENT AND PER CBC SECTION 1009.
4. ALL CEILING FIXTURES AND WIRING FOR LIGHT FIXTURES, EXIT SIGNS OR OTHER ELECTRICAL DEVICES SHALL BE UL APPROVED, THERMALLY PROTECTED, AND SHALL BE INSTALLED IN CONDUIT OR OTHER WIRING METHOD APPROVED BY THE BUILDING DEPARTMENT.
5. LIGHT FIXTURE SWITCHING SHALL CONFORM TO TITLE 24 REQUIREMENTS. DOUBLE SWITCH EACH FIXTURE SEPARATELY. EACH SWITCH SHALL CONTROL 2-4 FT PER FIXTURE. ADDITIONALLY, LIGHT FIXTURES IN AREA OF WORK WITHIN 10' OF EXTERIOR GLASS SHALL BE DOUBLE SWITCHED SEPARATELY PER CODE REQUIREMENTS.
6. ALL SWITCHES, THERMOSTATS, AND OTHER WALL MOUNTED CONTROL DEVICES SHALL BE MOUNTED AT 48" ABOVE FINISHED FLOOR LEVEL.
7. WHERE SWITCHES ARE SHOWN ADJACENT TO EACH OTHER, THEY SHALL BE GANGED AND COVERED BY A SINGLE PLATE. COLOR OF COVER PLATES, RECEPTABLES AND SWITCHES SHALL BE WHITE.
8. ALL NEW AND EXISTING CEILING SYSTEMS MAPS OF WORK SHALL HAVE SEISMIC BRAGAS AS REQUIRED BY APPLICABLE CODES. SEE DETAIL 1.2042.
9. PROVIDE FIRE DAMPERS AT ALL PENETRATIONS ABOVE SUSPENDED CEILING AS REQUIRED. DAMPERS FOR PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE RATED WITH BACKLATCHES AS REQUIRED BY CBC SECTION 8.
10. ALL SUSPENDED CEILING ARE TO BE INSTALLED TO ASTM STANDARDS, ASTM D201 & ASTM D202 (CBC SECTION 08.11.1).
11. THIS DRAWING IS FOR LAYOUT PURPOSES ONLY. ENGINEERING OF SWITCHING AND ORCLATEV SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND REGULATIONS FOR BUILDING LIFE SAFETY, EMERGENCY, CORROSION AND NIGHT LIGHTS. SEE ELECTRICAL NOTES.
12. SEE MECHANICAL DRAWINGS FOR HVAC SYSTEMS.
13. SEE ELECTRICAL DRAWING FOR LIGHTING POWER SPECIFICATION LAYOUT.
14. CEILING SUSPENDED SYSTEM TO BE:
 - a. ACQUETICAL CEILING TILE SUSPENDED SYSTEM TO BE: ARMSTRONG STRUCTURAL ALUM. SUSPENSION SYSTEM (DRAWING)
 - b. DRYWALL / GYPSUM CEILING SUSPENDED TO BE: (SPECIFIED BY 300.00.001) - ARMSTRONG DRYWALL GYPSUM SYSTEM, 1/2" 117.276.7076.

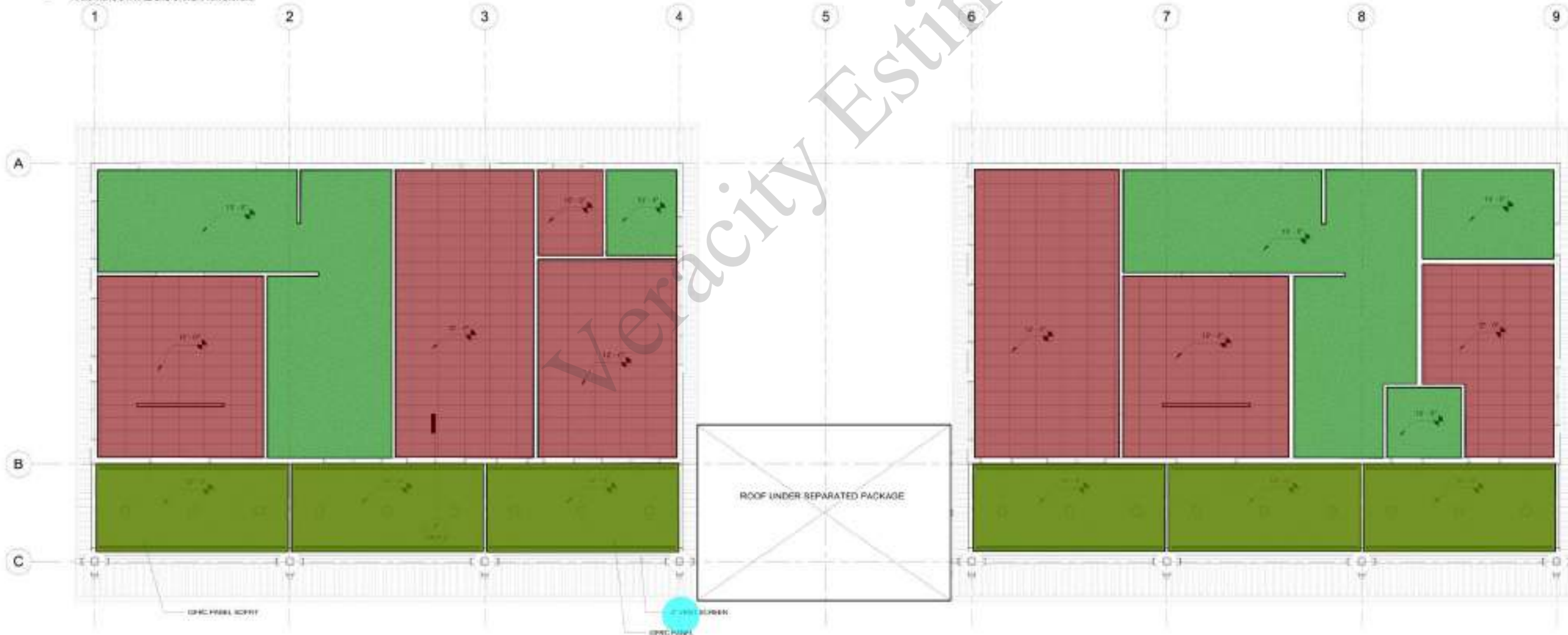
FIRE SPRINKLER NOTES

1. FIRE PROTECTION SHALL BE DESIGNED AND BUILT IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS. AUTOMATIC FIRE SPRINKLER SYSTEM PLANS SHALL BE REVIEWED AND APPROVED BY THE FIRE DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SEPARATE PERMIT.
2. SPRINKLER HEADS SHALL BE INSTALLED IN STRAIGHT, SYMMETRICAL LINES, AND CENTERED IN CEILING TILES, WHERE IS POSSIBLE.
3. SUBMIT SPRINKLER PLANS TO COUNTY FIRE DEPARTMENT FOR APPROVAL PRIOR TO PURCHASE AND FABRICATION OF MATERIALS.
4. INSTALL FIRE EXTINGUISHER PER CODE IN THE DISTANCE 100' FIELD VERIFY.

CEILING PLAN LEGEND

A		2' x 4' ARMSTRONG OTIMA / WHITE
B		
C		GRC SOFT PANEL
D		GRC DOME

	2" Vent Screen	1.0 EA
	2'x4' Armstrong Otima / White	2069.8 SQ FT
	5/8" Gypsum Board Ceiling	2381.0 SQ FT
	GFRC Panel Soffit	1060.4 SQ FT



1ST FLOOR CEILING PLAN
3/16" = 1'-0"

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DR. B. A. SHELL
10000
12/31/2024
ELECTRICAL ENGINEER
STATE OF CALIFORNIA

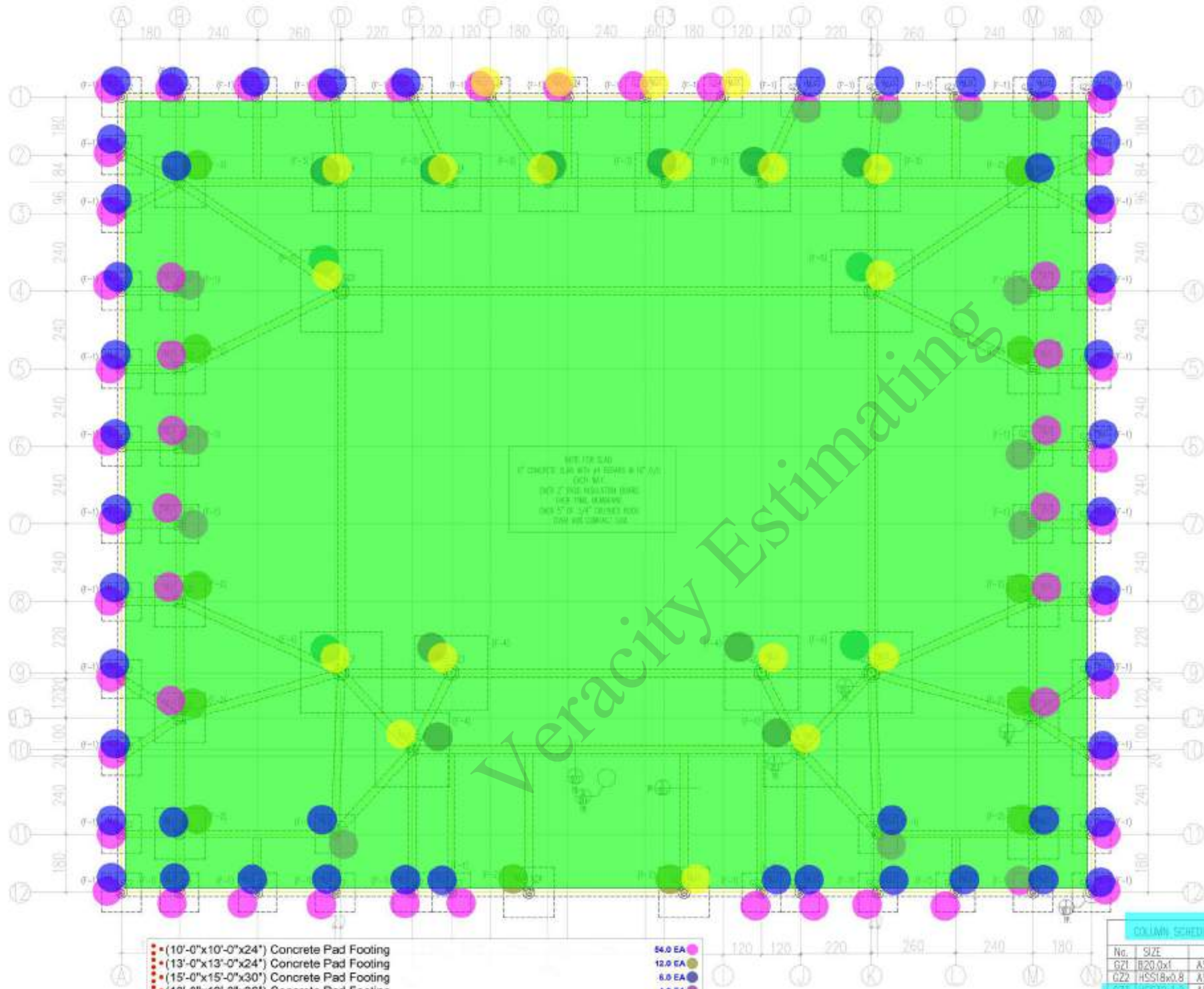
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Meditation Way Ukiah, County of
Mendocino, CA. 95482

REFLECTED CEILING PLAN - MEN

DATE: 03/24/2022
JOB NO: T3210306-5
ISSUE & REVISION

NO.	DESCRIPTION	DATE
1	SUBMITTAL	03/24/2022
2	PROPOSED	03/24/2022

SHEET NO.
Adm-6.1
(DRAWN BY)



- (10'-0"x10'-0"x24") Concrete Pad Footing
- (13'-0"x13'-0"x24") Concrete Pad Footing
- (15'-0"x15'-0"x30") Concrete Pad Footing
- (19'-0"x19'-0"x36") Concrete Pad Footing
- (21'-0"x21'-0"x42") Concrete Pad Footing W/ 25#8 E.W
- Slab On Grade
- YMJ3
- YMJ2
- YMJ1
- (24"x48") Grade Beam W/ 35#8 Conti. Bars

- 54.0 EA
- 12.0 EA
- 6.0 EA
- 4.0 EA
- 4.0 EA
- 50366.9 SQ FT
- 19.0 EA
- 48.0 EA
- 12.0 EA
- 3642.0 FT

COLUMN FOUNDATION

SYMBOLS LEGEND

- COLUMN COLUMN
- COLUMN COLUMN
- BEAM
- BEAM BEAM REFER TO ELEV. CALCULATION
- PAD FOOTING
- SLAB ON GRADE

FOUNDATION & FRAMING NOTES

1. CONSTRUCTION OF FOUNDATION AND FRAMING SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE LATEST EDITIONS OF THE ACI 308R-10 CONCRETE STRUCTURES HANDBOOK.
2. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE ACI 308R-10 CONCRETE STRUCTURES HANDBOOK.
3. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE ACI 308R-10 CONCRETE STRUCTURES HANDBOOK.
4. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE ACI 308R-10 CONCRETE STRUCTURES HANDBOOK.

GEOTECHNICAL NOTES

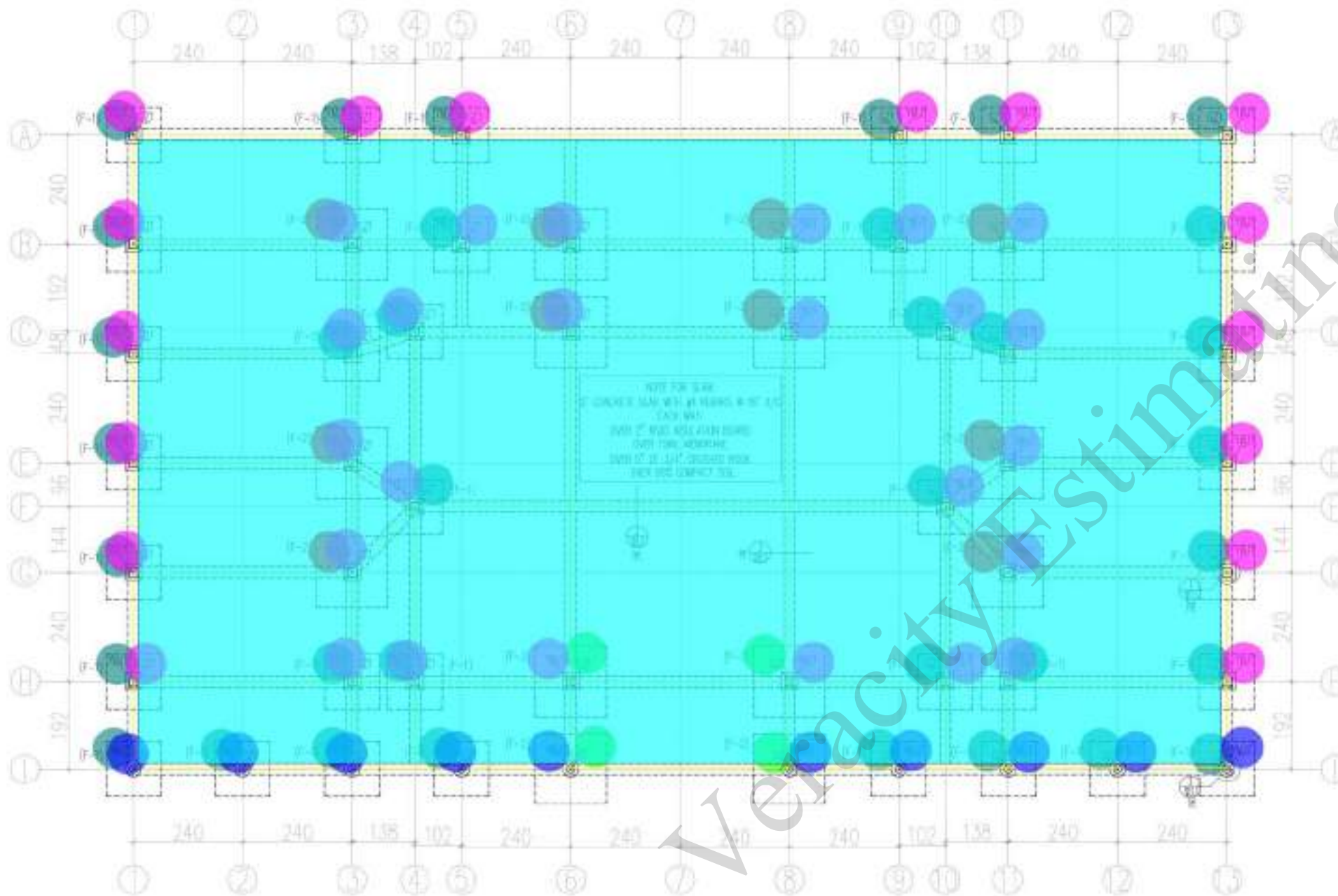
- GEOTECHNICAL ENGINEER SHALL BE REQUIRED TO PROVIDE GEOTECHNICAL AND FOUNDATION DESIGN DATA, INCLUDING SOIL PROPERTIES, BEARING CAPACITY, AND SETTLEMENT DATA, FOR THE FOUNDATION DESIGN. THE GEOTECHNICAL ENGINEER SHALL BE REQUIRED TO PROVIDE GEOTECHNICAL AND FOUNDATION DESIGN DATA, INCLUDING SOIL PROPERTIES, BEARING CAPACITY, AND SETTLEMENT DATA, FOR THE FOUNDATION DESIGN.

NO.	DESCRIPTION	QUANTITY
1	10'-0"x10'-0"x24" CONCRETE PAD FOOTING	54.0 EA
2	13'-0"x13'-0"x24" CONCRETE PAD FOOTING	12.0 EA
3	15'-0"x15'-0"x30" CONCRETE PAD FOOTING	6.0 EA
4	19'-0"x19'-0"x36" CONCRETE PAD FOOTING	4.0 EA
5	21'-0"x21'-0"x42" CONCRETE PAD FOOTING W/ 25#8 E.W	4.0 EA

COLUMN SCHEDULE

No.	SIZE	MATERIAL
G21	820.0x1	A500 GRADE C.F.y= 50ksi
G22	HSS18x0.8	ASTM A1085.F.y= 50ksi
G23	HSS32x1.2	ASTM A1085.F.y= 50ksi
G24	HSS20x1.2	ASTM A1085.F.y= 50ksi

MEMBER SCHEDULE		
NO.	SIZE	WATER
1	W12X72	A992 F _y = 50ksi
2	W12X66	A992 F _y = 50ksi
3	W12X62	A992 F _y = 50ksi
4	W12X56	A992 F _y = 50ksi
5	W12X50	A992 F _y = 50ksi
6	W12X45	A992 F _y = 50ksi
7	W12X40	A992 F _y = 50ksi



COLUMN FOUNDATION PLAN
SCALE: 1/8\"/>

• (10'-0"x10'-0"x24") Concrete Pad Footing	36.0 EA
• (13'-0"x13'-0"x24") Concrete Pad Footing	10.0 EA
• (13'-0"x13'-0"x30") Concrete Pad Footing	4.0 EA
▬ (24"X48") Grade Beam W/ 35#8 Conti. ...	2241.6 FT
• YMJ1	40.0 EA
• YMJ2	10.0 EA
■ Slab On Grade	22618.1 SQ FT

SYMBOLS LEGEND	
▬	GRADE BEAM
○	FOUNDATION
○	BEAM
▬	BEAM NUMBER REFER TO LIST OF DIMENSIONS
▬	FOUNDATION
▬	FOUNDATION

FOUNDATION & FRAMING NOTES

1. CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. FOUNDATION STRUCTURES SHALL BE CONSTRUCTED TO REMAIN ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED.
3. CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
4. ALL FOUNDATION STRUCTURES SHALL BE CONSTRUCTED TO REMAIN ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED.
5. THE NEW FOUNDATION SHALL BE CONSTRUCTED TO REMAIN ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED.
6. THE NEW FOUNDATION SHALL BE CONSTRUCTED TO REMAIN ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED.

GEOTECHNICAL NOTES

GEOTECHNICAL ENGINEER SHALL BE REQUIRED TO PROVIDE OBSERVATION AND TESTING REPORT DURING THE BIDDING, SLAB, AND FOUNDATION CONSTRUCTION PHASES OF CONSTRUCTION FOR GEOTECHNICAL REPORT RECOMMENDATIONS AND THAT INSPECTION AND TESTING REPORTS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW.

THE ENGINEER SHALL BE REQUIRED TO PROVIDE OBSERVATION AND TESTING REPORT DURING THE BIDDING, SLAB, AND FOUNDATION CONSTRUCTION PHASES OF CONSTRUCTION FOR GEOTECHNICAL REPORT RECOMMENDATIONS AND THAT INSPECTION AND TESTING REPORTS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW.

NO.	DESCRIPTION	QUANTITY
1	10'-0"x10'-0"x24" CONCRETE PAD FOOTING	36.0 EA
2	13'-0"x13'-0"x24" CONCRETE PAD FOOTING	10.0 EA
3	13'-0"x13'-0"x30" CONCRETE PAD FOOTING	4.0 EA
4	24"X48" GRADE BEAM W/ 35#8 CONTINUOUS	2241.6 FT
5	YMJ1	40.0 EA
6	YMJ2	10.0 EA
7	SLAB ON GRADE	22618.1 SQ FT

SYMBOLS LEGEND

-  COLUMN SECTION
-  BEAM SECTION
-  JOINT
-  MEMBER
-  PLATE
-  REINFORCEMENT

FRAMING NOTES

1. COMPARE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
3. THE NEW FOUNDATION TYPE AND MATERIALS SHALL BE AS SHOWN IN THE FOUNDATION PLAN.
4. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

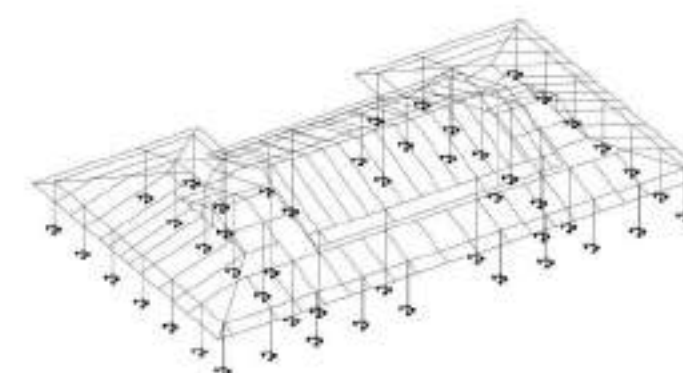
MEMBER SCHEDULE			
NO.	SIZE	MATERIAL	
1	W10X77	A992	Fy= 65ksi
2	W24X76	A992	Fy= 65ksi
3	W27X146	A992	Fy= 65ksi

LEGEND

-  FIX CONNECTION
-  PIN CONNECTION
-  MAIN STEEL BEAM
-  SUB STEEL BEAM

DHARMA HALL FRAMING PLAN 1

SCALE: 1/8"=1'-0"



SYMBOLS LEGEND



FRAMING NOTES

1. COMPARE ALL DIMENSIONS AND LOCATIONS WITH ARCHITECTURAL DRAWINGS.
2. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
4. THE NEW FOUNDATION SHALL MATCH EXISTING FOUNDATION.
5. REPORT TO ENGINEER OF RECORD IF IT IS DIFFERENT.
6. ALL DIMENSIONS SHALL BE TO FACE UNLESS NOTED OTHERWISE.

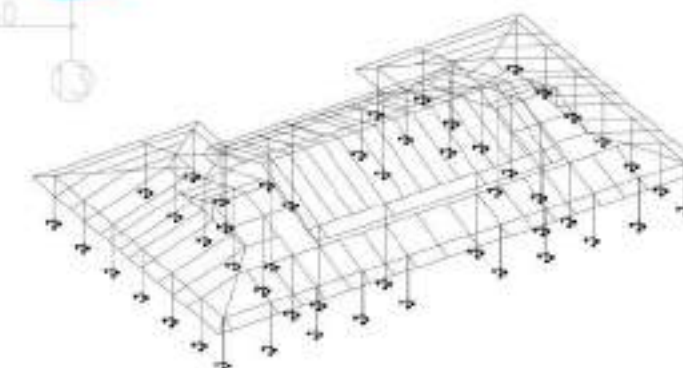
MEMBER SCHEDULE

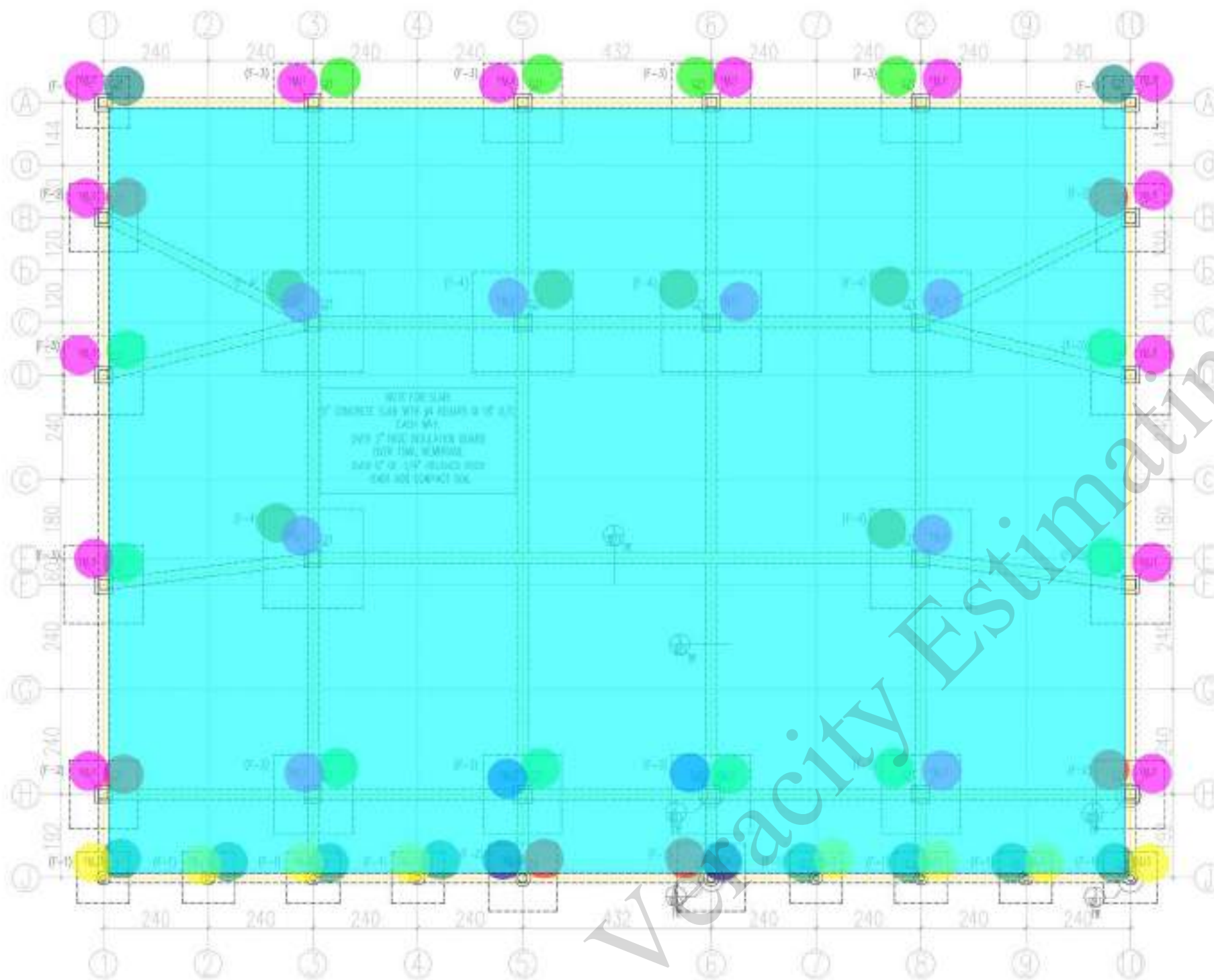
NO.	SIZE	MATERIAL
1	W10X77	A992 Fy= 65ksi
2	W18X60	A992 Fy= 65ksi
3	W24X76	A992 Fy= 65ksi
4	W24X104	A992 Fy= 65ksi
5	W27X146	A992 Fy= 65ksi

LEGEND

- FIX CONNECTION
- PIN CONNECTION
- MAIN STEEL BEAM
- SUB STEEL BEAM

DHARMA HALL FRAMING PLAN 2





COLUMN FOUNDATION PLAN

• (10'-0"x10'-0"x24") Concrete Pad Footing	10.0 EA
• (13'-0"x13'-0"x24") Concrete Pad Footing	6.0 EA
• (15'-0"x15'-0"x30") Concrete Pad Footing	12.0 EA
• (19'-0"x19'-0"x36") Concrete Pad Footing	6.0 EA
• YMJ1	22.0 EA
• YMJ3	8.0 EA
• YMJ4	2.0 EA
• YMJ2	2.0 EA
■ Slab On Grade	28290.0 SQ FT
■ (24"X48") Grade Beam W/ 35#8 Conti. Bars	1956.7 FT

SYMBOLS LEGEND

■	SLAB ON GRADE
■	FOUNDATION
■	BEAM
■	BEAM NUMBER REFER TO LIST OF FOUNDATIONS
■	FOUNDATION
---	FOUNDATION

FOUNDATION & FRAMING NOTES

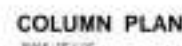
1. CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. FOR BEAM FOUNDATIONS, VERIFY THAT THE BEAM IS NOT OVERLAPPING ANY OTHER BEAM OR COLUMN.
3. CONFIRM ALL BACKFILL INFORMATION WITH SURVEY, ARCHITECTURAL DRAWINGS.
4. THE FOUNDATION SHALL BE 12" MINIMUM FROM THE EXISTING GRADE.
5. THE FOUNDATION SHALL BE 12" MINIMUM FROM THE EXISTING GRADE.
6. THE FOUNDATION SHALL BE 12" MINIMUM FROM THE EXISTING GRADE.

GEOTECHNICAL NOTES

GEOTECHNICAL ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN, VERIFICATION AND TESTING OF THE FOUNDATION. THE FOUNDATION SHALL BE DESIGNED TO RESIST ALL APPLIED LOADS AND BE SUBMITTED TO THE ARCHITECT FOR REVIEW.

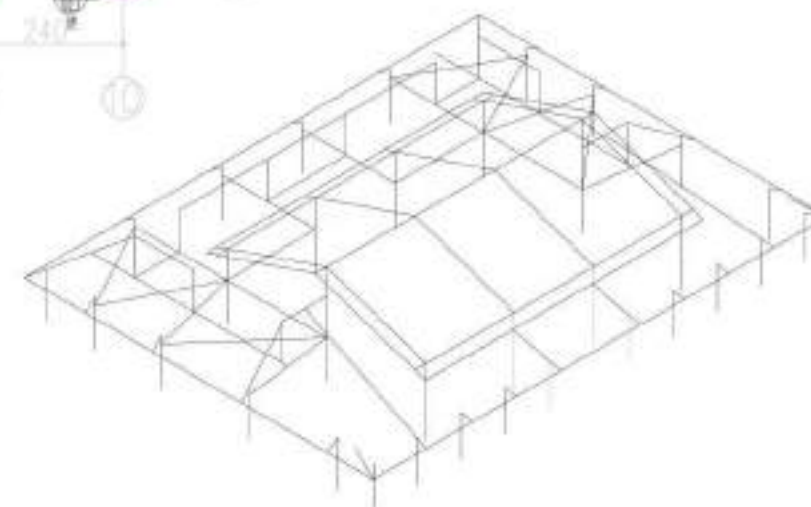
SOIL REPORT BY GEOTECHNICAL ENGINEER SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW.

ITEM	DESCRIPTION	QUANTITY
1.0	10'x10'x24" Concrete Pad Footing	10.0 EA
2.0	13'x13'x24" Concrete Pad Footing	6.0 EA
3.0	15'x15'x30" Concrete Pad Footing	12.0 EA
4.0	19'x19'x36" Concrete Pad Footing	6.0 EA
5.0	YMJ1	22.0 EA
6.0	YMJ3	8.0 EA
7.0	YMJ4	2.0 EA
8.0	YMJ2	2.0 EA



MEMBER SCHEDULE		
NO.	SIZE	MATERIAL
GZ1	B23.5x1.1	A500 GRADE C, $F_y = 50\text{ksi}$
GZ2	B24x1.3	A500 GRADE C, $F_y = 50\text{ksi}$
GZ3	HSS16x0.625	ASTM A1085, $F_y = 50\text{ksi}$
GZ4	HSS22x1	ASTM A1085, $F_y = 50\text{ksi}$

- | | |
|---|---------|
| • B23.5x1.1 GZ1 Steel Column (17'-0" H,) | 14.0 EA |
| • B24x1.3 GZ2 Steel Column (10'-0" H,) | 2.0 EA |
| • B23.5x1.1 GZ1 Steel Column (10'-0" H,) | 8.0 EA |
| • HSS16x0.625 GZ3 Steel Column (17'-0" H,) | 8.0 EA |
| • HSS 22x1 GZ4 Steel Column (17'-0" H,) | 2.0 EA |



SYMBOLS LEGEND



FRAMING NOTES

1. THIS DRAWING IS A PRELIMINARY DESIGN AND SHALL BE SUBJECT TO REVISIONS.
2. ALL DIMENSIONS SHALL BE IN FEET AND INCHES.
3. ALL DIMENSIONS SHALL BE TO THE CENTERLINE OF THE MEMBER UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS SHALL BE TO THE FACE OF THE MEMBER UNLESS OTHERWISE NOTED.
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10. ALL DIMENSIONS SHALL BE TO THE FACE OF THE MEMBER UNLESS OTHERWISE NOTED.



INTERNATIONAL INSTITUTE OF PHILOSOPHY AND ETHICS-PHASE 2 DINING HALL

4951 BODHE WAY, UTAH, CA 95482

DATE: 08/01/24

REV: 001/000

REVISIONS

NO. DESCRIPTION

1. 08/01/24

2. 08/01/24

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**SOUTHBAY
STRUCTURE**

1700 SHERMAN DRIVE, SUITE 204
SAN JOSE, CA 95128-1202
TEL: (408) 988-1000



**INTERNATIONAL INSTITUTE OF PHILOSOPHY AND ETHICS-PHASE 2
DINING HALL**

4951 BODHE WAY, UKIAH, CA 95482

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SYMBOLS LEGEND

- W24x94 Steel Beam 1
- W24x104 Steel Beam 3
- W10x77 Steel Beam 1
- HSS12x6x0.625 Steel Beam
- Fix Connections
- Pin Connections
- Metal Deck

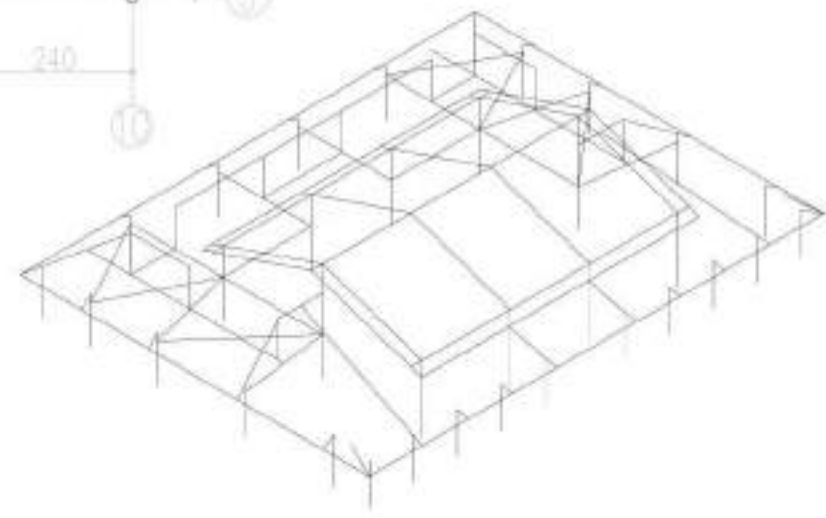
FRAMING NOTES

1. EXAMINE ALL DIMENSIONS AND ELEVATIONS WITHIN ARCHITECTURAL DRAWINGS.
2. PLAN, SECTION, AND ELEVATION WALLS AND FOUNDATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
3. THE STRUCTURAL STEEL SHALL BE A992, Fy= 65ksi.
4. THE WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AISC 360 AND AISC 358.
5. THE FOUNDATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AISC 360 AND AISC 358.
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MEMBER SCHEDULE		
NO.	SIZE	MATERIAL
1	W10X77	A992, Fy= 65ksi
2	W24X94	A992, Fy= 65ksi
3	W27X129	A992, Fy= 65ksi
4	B29x11x0.75x1	A500 GRADE C, Fy= 50ksi

LEGEND

- FIX CONNECTION
- PIN CONNECTION
- MAIN STEEL BEAM
- SUB STEEL BEAM



DINING HALL FRAMING PLAN 3
SCALE: 1/4"=1'-0"

SYMBOLS LEGEND

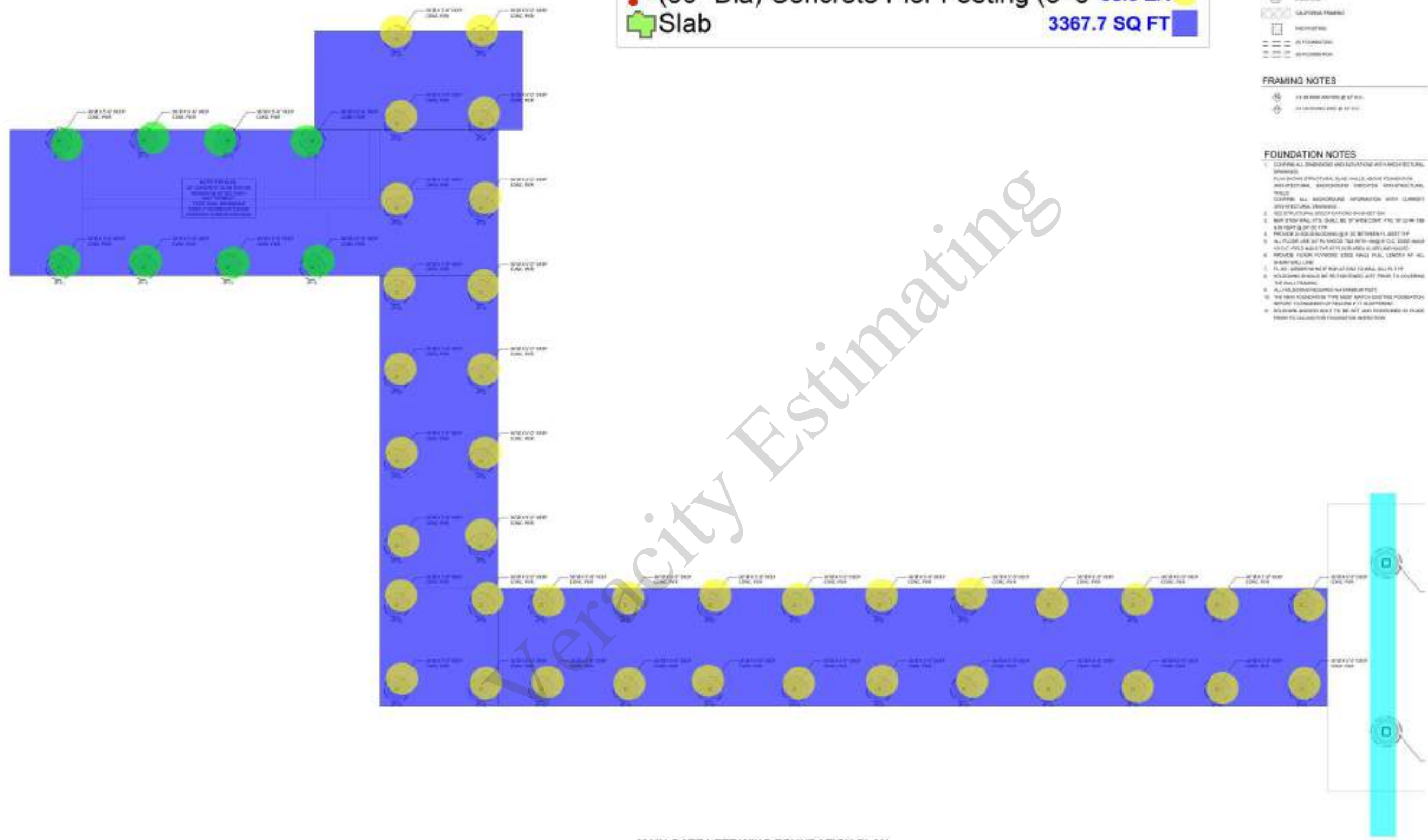
(36" Dia) Concrete Pier Footing (5'-6" | 8.0 EA
 (36" Dia) Concrete Pier Footing (5'-0" | 38.0 EA
 Slab

FRAMING NOTES

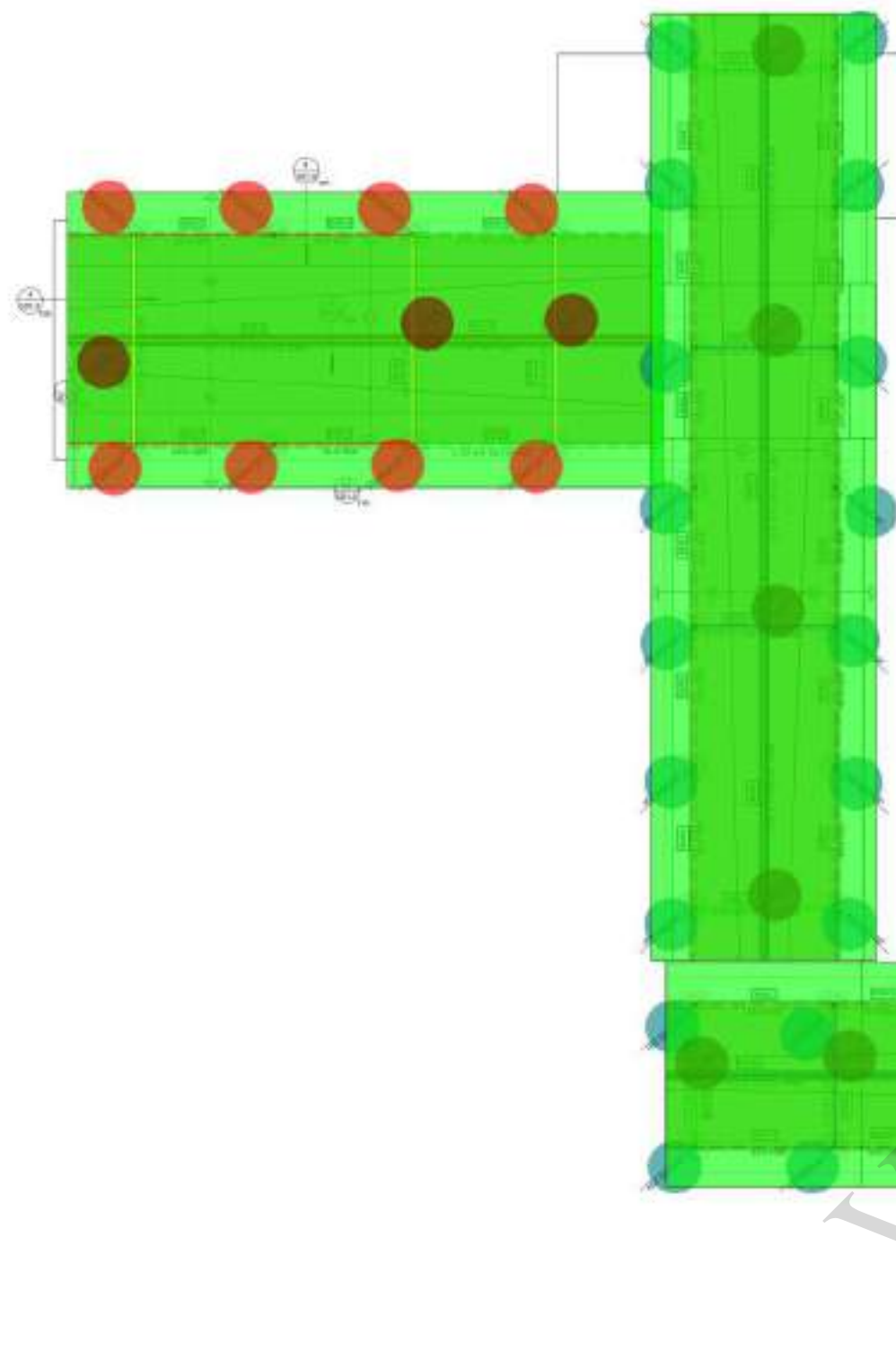
1. ALL FRAMING SHALL BE 2" X 4" UNLESS NOTED OTHERWISE.
 2. ALL FRAMING SHALL BE 10' MAXIMUM SPACING UNLESS NOTED OTHERWISE.

FOUNDATION NOTES

1. ALL FOUNDATIONS SHALL BE CONCRETE UNLESS NOTED OTHERWISE.
 2. ALL FOUNDATIONS SHALL BE 12" MINIMUM THICKNESS UNLESS NOTED OTHERWISE.
 3. ALL FOUNDATIONS SHALL BE 12" MINIMUM SPACING UNLESS NOTED OTHERWISE.
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 10. ALL FOUNDATIONS SHALL BE 12" MINIMUM SPACING UNLESS NOTED OTHERWISE.



MAIN GATE LEFT WING FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



• HSS 6"x6"x3/8" Steel Column (18' H,)	38.0 EA
• HSS 6"x6"x1/2" Steel Column (18' H,)	8.0 EA
• 4x10 Header	408.7 FT
• 3 1/2" x 9 1/2" LVL	77.5 FT
• 3 1/2" x 16" LVL	45.6 FT
• 3 1/2" x 11 7/8" LVL	252.8 FT
• 3 1/2" x 14" LVL	42.6 FT
• 4x4 king Posts (6' H,)	14.0 EA
• C1	2462.1 SQ FT
• R1	3792.4 SQ FT

SYMBOLS LEGEND

	HSS 6"x6"x3/8" Steel Column
	HSS 6"x6"x1/2" Steel Column
	4x10 Header
	3 1/2" x 9 1/2" LVL
	3 1/2" x 16" LVL
	3 1/2" x 11 7/8" LVL
	3 1/2" x 14" LVL
	4x4 king Posts
	C1
	R1

FRAMING NOTES

1. ALL ROOF FRAMING SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND STANDARDS:

2. ALL ROOF FRAMING SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND STANDARDS:

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10. ALL ROOF FRAMING SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND STANDARDS:

MAIN GATE LEFT WING ROOF FRAMING PLAN

INTERNATIONAL INSTITUTE OF PHILOSOPHY AND ETHICS-PHASE 2
SITE AND ACCESSORY STRUCTURES

6951 BOOHIWAY, UTKAH, CA 95482

日期: 02/03/2004

ISSN 0013-788X

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FOUNDATION

PLAN

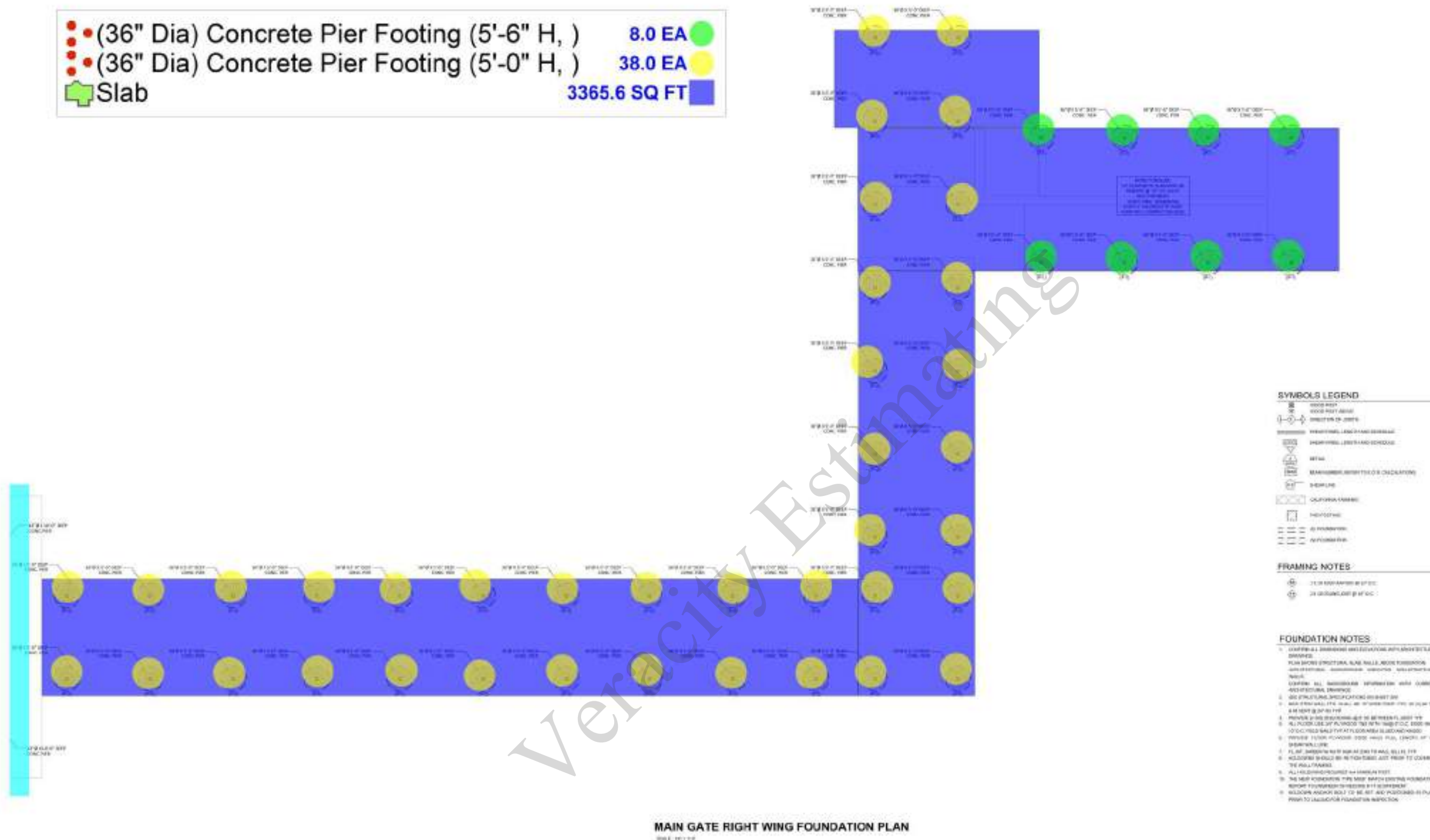
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INTERNATIONAL INSTITUTE OF PHILOSOPHY AND ETHICS-PHASE 2
SITE AND ACCESSORY STRUCTURES

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Journal of Management Inquiry 22(1) 3-16

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ROOF FRAMING

TRAINING PLAN

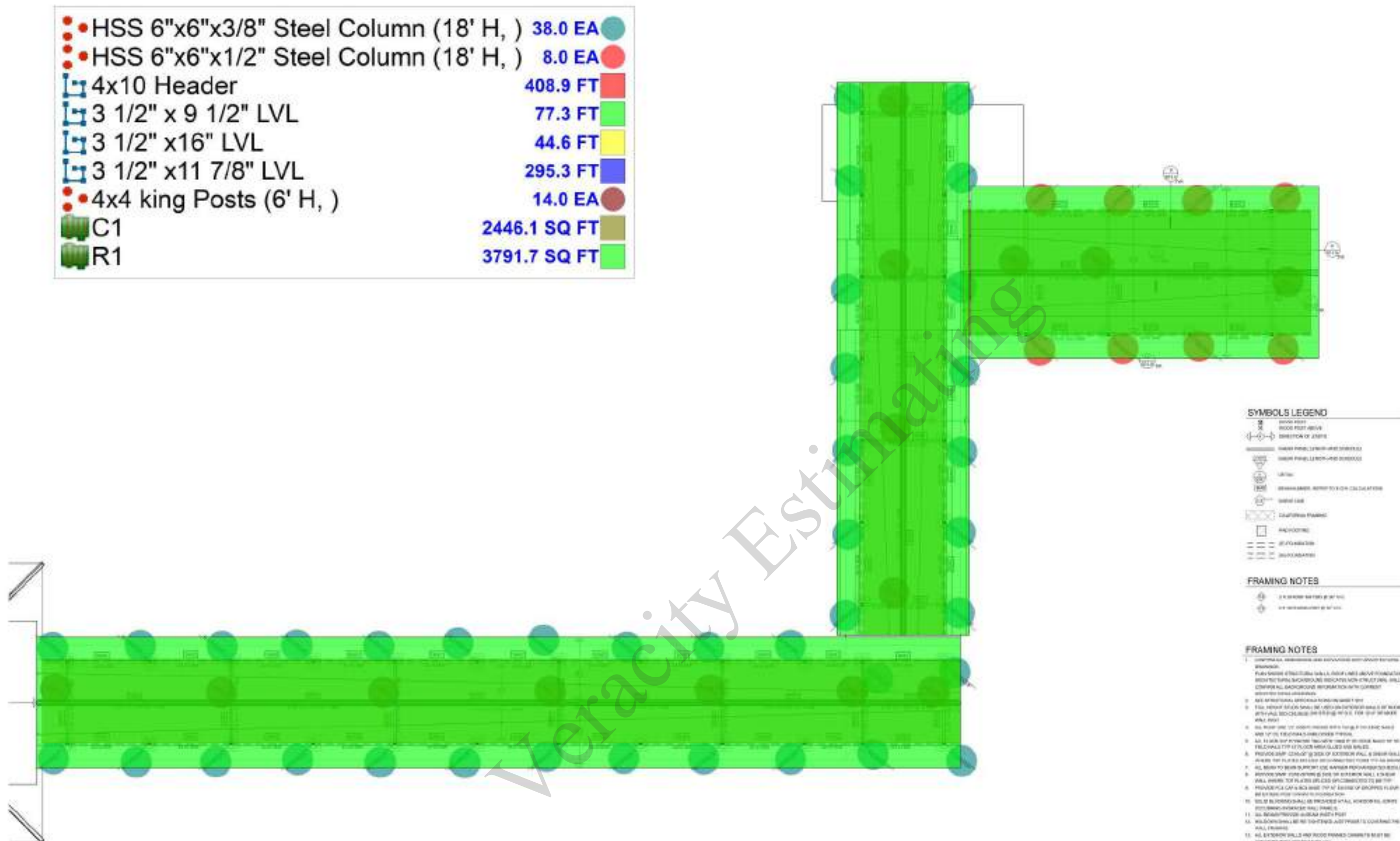
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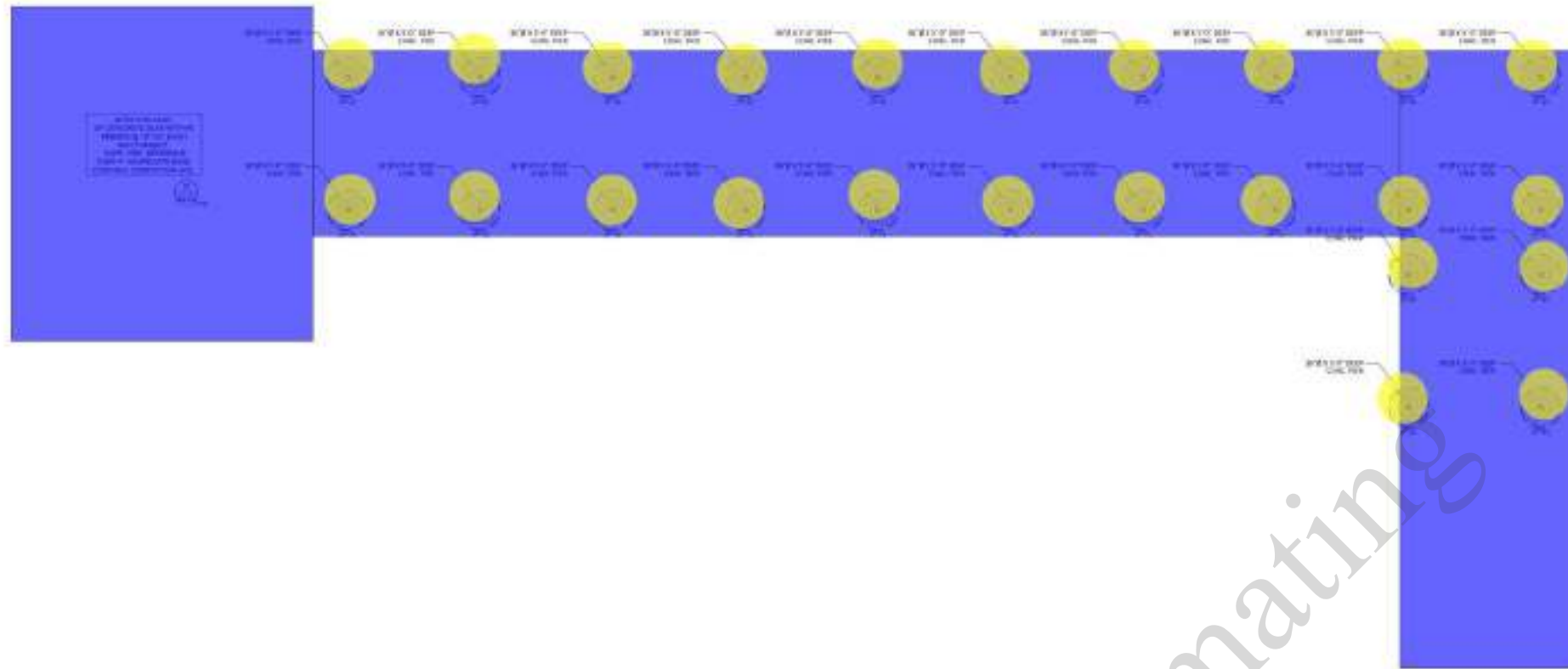
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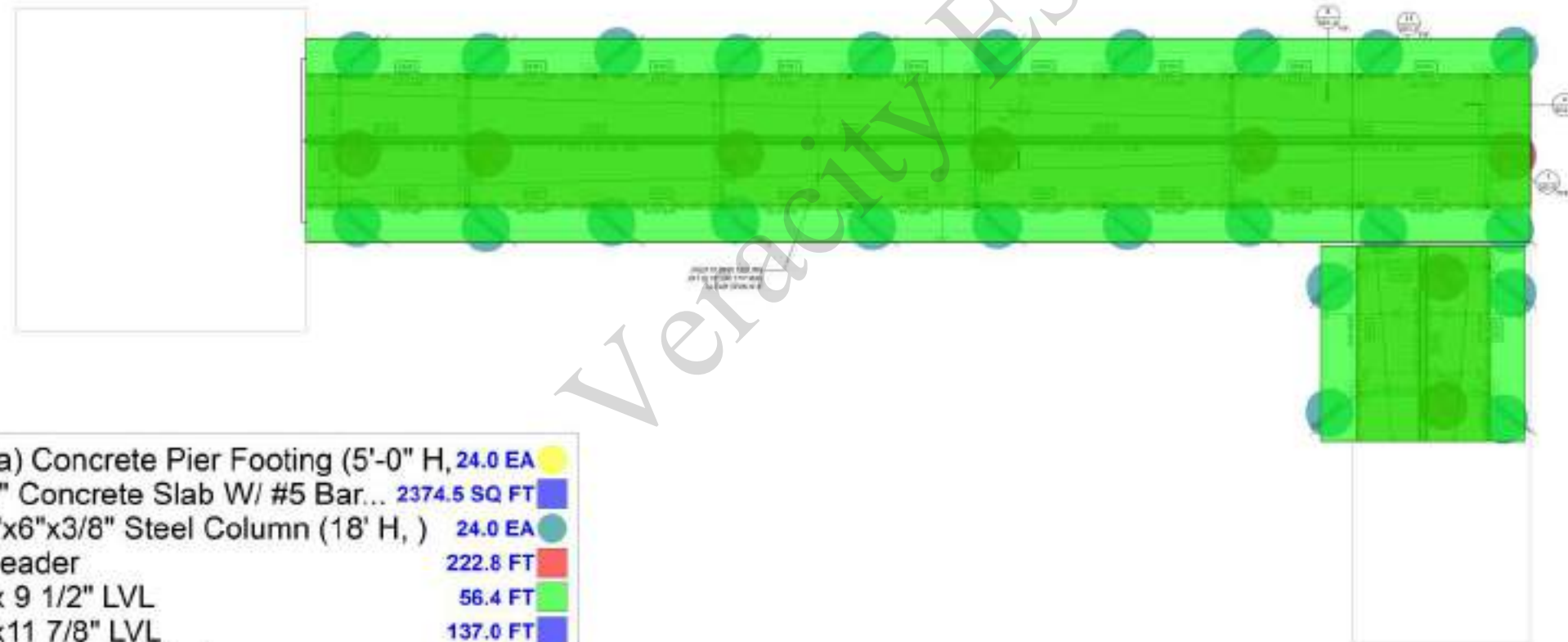


MAIN GATE RIGHT WING ROOF FRAMING PLAN

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MIDDLE LEVEL RIGHT WING FOUNDATION PLAN



MIDDLE LEVEL RIGHT WING ROOF FRAMING PLAN

(36" Dia) Concrete Pier Footing (5'-0" H, 24.0 EA)	24.0 EA
Slab 24" Concrete Slab W/ #5 Bar... 2374.5 SQ FT	2374.5 SQ FT
HSS 6"x6"x3/8" Steel Column (18' H,)	24.0 EA
4x10 Header	222.8 FT
3 1/2" x 9 1/2" LVL	56.4 FT
3 1/2" x 11 7/8" LVL	137.0 FT
4x4 king Posts (6' H,)	8.0 EA
C1	1125.9 SQ FT
R1	1778.6 SQ FT

SYMBOLS LEGEND	
	36" DIA CONCRETE PIER FOOTING
	24" CONCRETE SLAB
	HSS 6"x6"x3/8" STEEL COLUMN
	4x10 HEADER
	3 1/2" x 9 1/2" LVL
	3 1/2" x 11 7/8" LVL
	4x4 KING POST
	C1
	R1
FRAMING NOTES	
1	ALL FRAMING SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE CALIFORNIA BUILDING CODE (CBC).
2	ALL FRAMING SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE CALIFORNIA BUILDING CODE (CBC).

FOUNDATION & FRAMING NOTES	
1	ALL FOUNDATION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE CALIFORNIA BUILDING CODE (CBC).
2	ALL FOUNDATION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE CALIFORNIA BUILDING CODE (CBC).
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12	ALL FOUNDATION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE CALIFORNIA BUILDING CODE (CBC).



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SWIFT 3440

ROOF

ROOF FRAMING

FRAMING PLAN

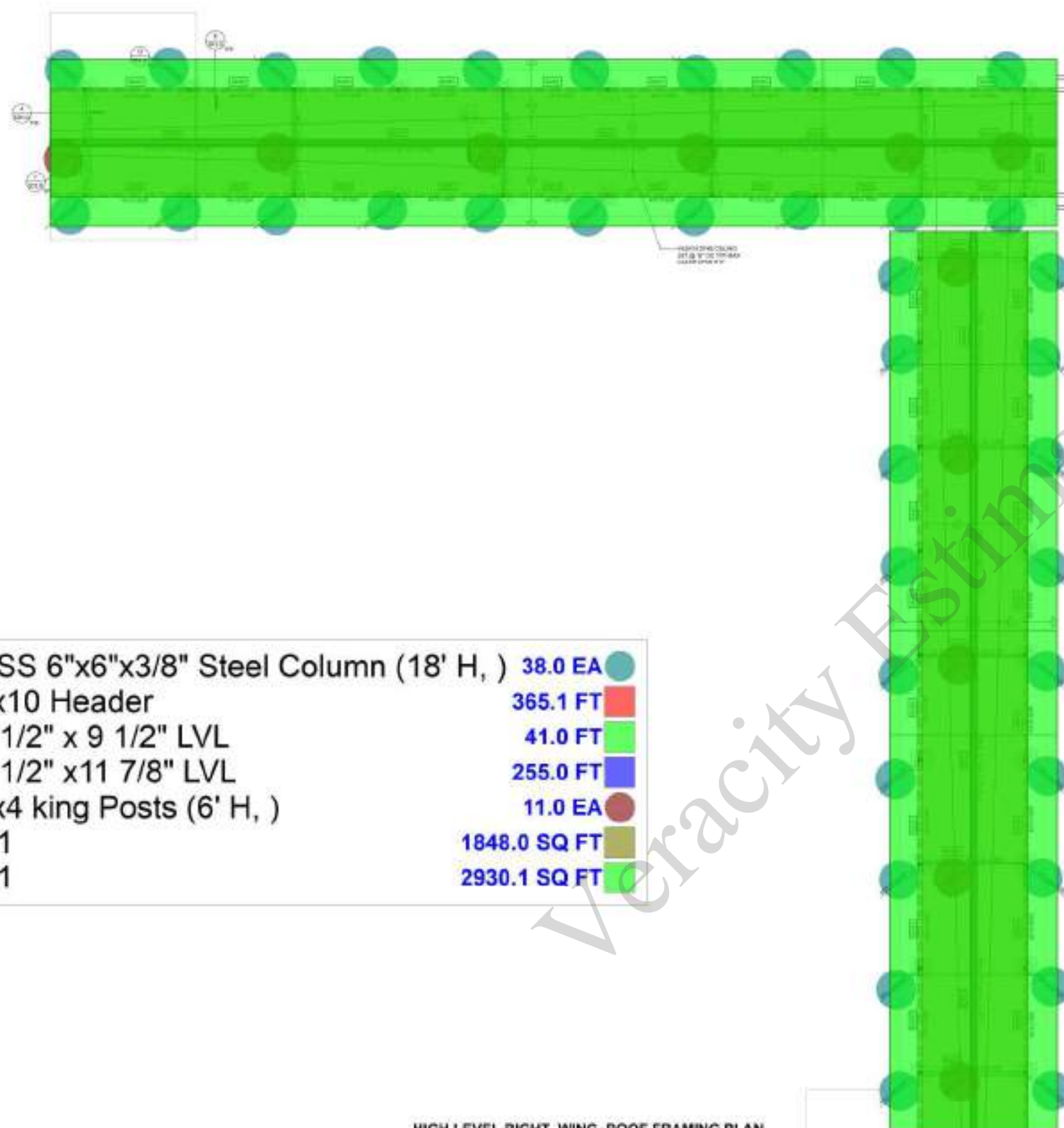
PLAN

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(in April 1971).

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HIGH LEVEL RIGHT WING ROOF FRAMING PLAN

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- | | | |
|--|--------------|---|
| •• HSS 6"x6"x3/8" Steel Column (18' H,) | 38.0 EA |  |
|  4x10 Header | 365.1 FT |  |
|  3 1/2" x 9 1/2" LVL | 41.0 FT |  |
|  3 1/2" x 11 7/8" LVL | 255.0 FT |  |
| •• 4x4 king Posts (6' H,) | 11.0 EA |  |
|  C1 | 1848.0 SQ FT |  |
|  R1 | 2930.1 SQ FT |  |

SYMBOLS LEGEND

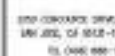
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| | 100BASE-PLX |
| | 100BASE-SX |
| | 100BASE-LX |
| | 100BASE-OM3 |
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| | 100BASE-OM90 |

FRAMING NOTES

- | | |
|--|---|
| | 18-26 mm diameter gr 50 ² max. |
| | 28-36 mm diameter gr 40 ² min. |

FRAMING NOTES

- [illegible]



HAYWEN SCHEDULE		
DATE		HAYWEN DATE AND TIME
10/1	10:00 AM TO 12:00 PM	NO HAYWEN SCHEDULED
10/2	10:00 AM TO 12:00 PM	NO HAYWEN SCHEDULED
10/3	12:00 PM TO 1:00 PM	CONSIDER HIGH CAPACITY MOBILE HAYWEN
10/4	10:00 AM TO 12:00 PM	CONSIDER HIGH CAPACITY MOBILE HAYWEN

••• (36" Dia) Concrete Pier Footing (12.0 EA	12.0 EA
Slab	902.6 SQ FT
••• (18"x24") Concrete Wall Footin...	58.3 FT
••• HDU2	14.0 EA
••• HSS 6x6x3/8" Steel Column (1...	12.0 EA
••• 5 1/4" x 9 1/2" LVL	80.2 FT
••• 4x6 king Posts (4' H,)	2.0 EA
••• F1	102.8 SQ FT
••• R1	651.6 SQ FT
••• 3 1/2" x11 7/8" LVL	43.8 FT
••• HHUS Simpsons	4.0 EA
••• HFX 21x14	40.5 FT
••• HSS 4x4x1/4" Steel Column (1...	13.0 EA
••• HSS 4x8x1/4" Steel Beam	76.2 FT
••• 5 1/4" x 9 1/2" LVL	62.3 FT
••• HFX 24x10	41.0 FT
••• W10x33	15.6 FT
••• R1	617.6 SQ FT
Standard Joist	447.3 FT
Standard Joist	62.1 FT
Standard Joist	39.3 FT
Standard Joist	476.1 FT

DATE: 02/07/24
 JOB NO: S621306
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SHEET NAME:
**FOUNDATION
 & 1ST ROOF
 FARMING
 PLAN**

SHEET NO.:
S6.13

(DRAWN BY)

INTERNATIONAL INSTITUTE OF PHILOSOPHY AND ETHICS-PHASE 2

TE OF PHILOSOPHY
MEN RESTROOM

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04/01/2002 02/01/2002

DOI: 10.1002/for

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FOUNDATION

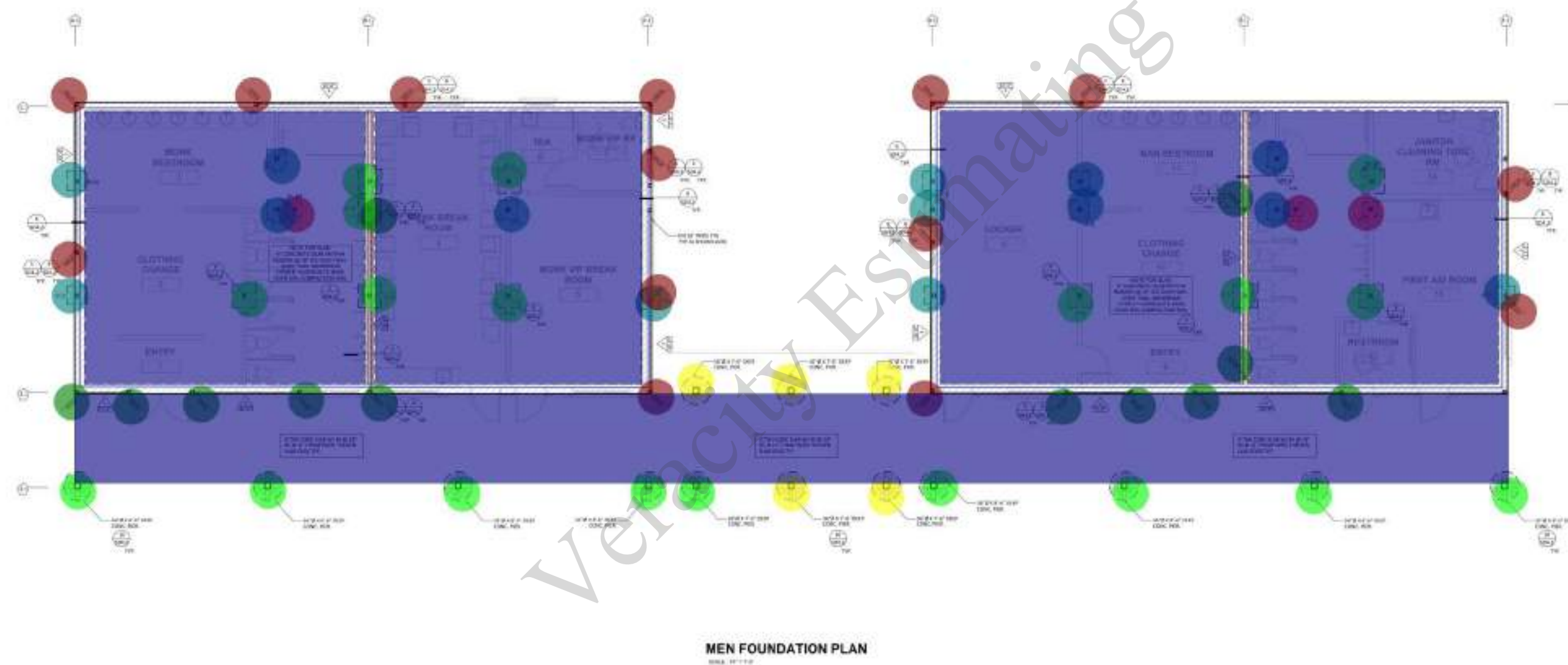
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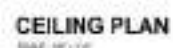
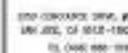
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MEN FOUNDATION PLAN

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• HSS 4x4x1/4" Steel Column (12' H,)	53.8 EA
600S162-68 2 Boxed Header	54.9 FT
600S162-54 2 Boxed Header	20.6 FT
HSS 4x4x1/4" Header	95.8 FT
600S162-43 Header	6.2 FT
HSS 4x8x1/4" Header	119.9 FT
• HSS 4x4x1/4" King Posts (8' H,)	5.0 EA
• HSS 8x8x5/8" Steel Column (12' H,)	14.0 EA
3 1/2" x 14" LVL Beam	90.6 FT
3 1/2" x 9 1/2" LVL Beam	84.1 FT
3 1/2" x 11 17/8" LVL Beam	161.2 FT
4x10 Beam	41.8 FT
• 4x4 King Post (8' H,)	5.0 EA
R1	8672.2 SQ FT
Standard Joist	2323.2 FT
Standard Joist	349.6 FT
Standard Joist	2323.2 FT

[illegible][illegible]



STRO CONSTANCE DRIVE, BOX
1800 JEN, CA 94501-1800
Tel. (925) 938-1000

INTERNATIONAL INSTITUTE OF PHILOSOPHY AND ETHICS-PHASE 2

4951 BOOHI WAY, UPLAH, CA 95482

04/01/2004

DOI: 10.1002/for

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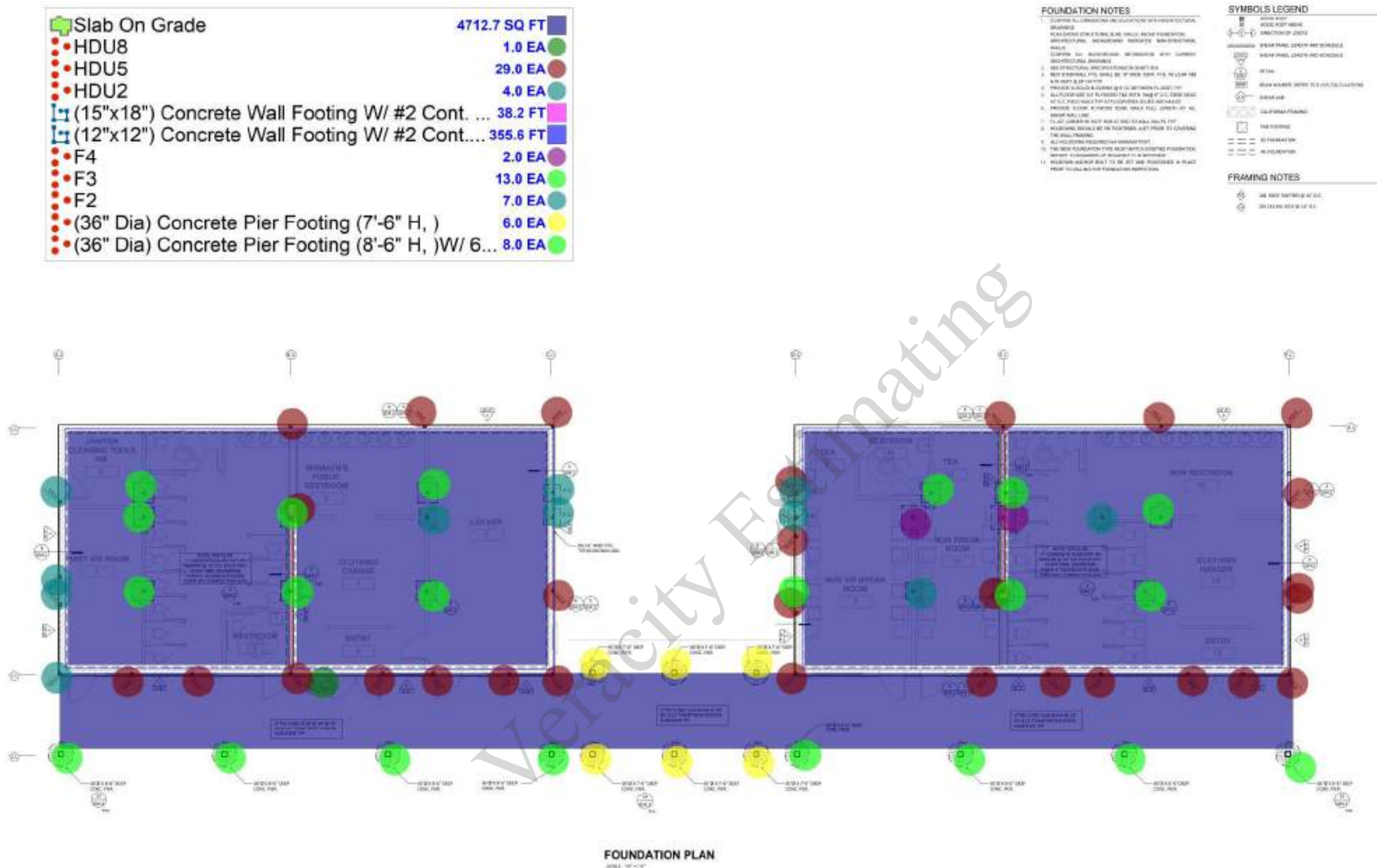
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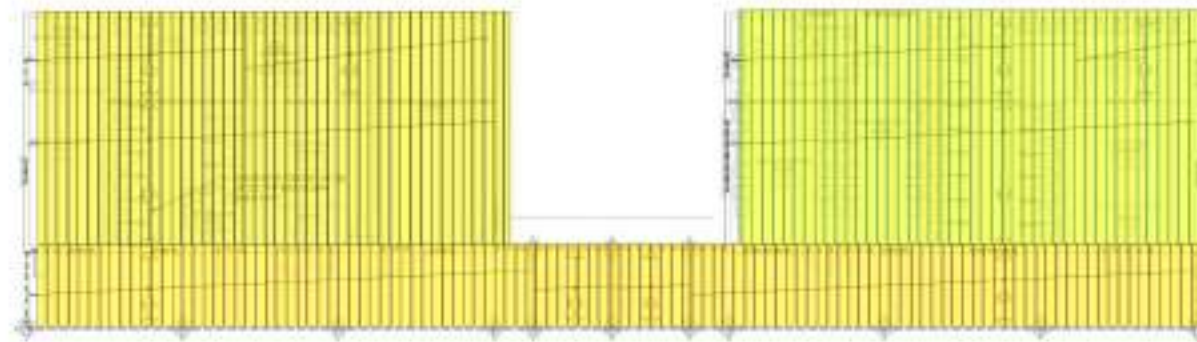
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CEILING PLAN
SCALE: 1/8" = 1'-0"

FRAMING NOTES

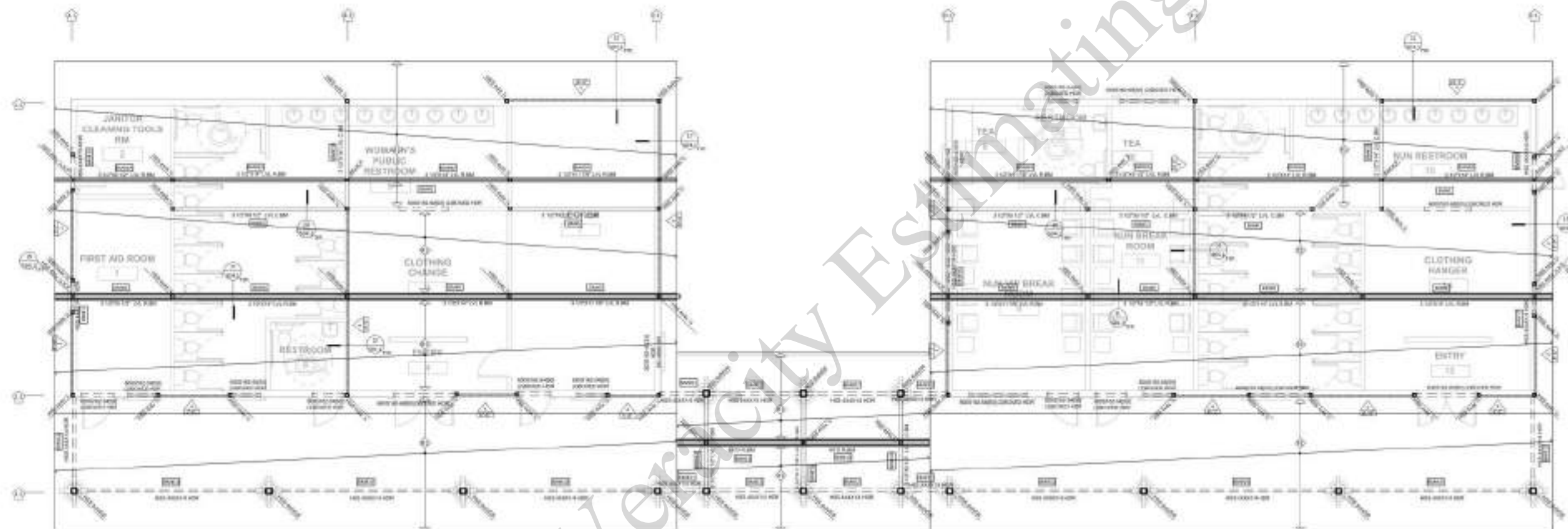
1. ALL JOISTS SHALL BE 2X10 S4S UNLESS OTHERWISE NOTED.
2. ALL JOISTS SHALL BE SPACED AT 16" O.C. UNLESS OTHERWISE NOTED.
3. ALL JOISTS SHALL BE SUPPORTED BY WALLS OR OTHER STRUCTURAL MEMBERS.
4. ALL JOISTS SHALL BE CUT TO FIT AT WALLS AND OTHER STRUCTURAL MEMBERS.
5. ALL JOISTS SHALL BE CUT TO FIT AT DOORS AND WINDOWS.
6. ALL JOISTS SHALL BE CUT TO FIT AT CHIMNEYS AND OTHER PENETRATIONS.
7. ALL JOISTS SHALL BE CUT TO FIT AT ROOF FLASHINGS AND OTHER PENETRATIONS.
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20. ALL JOISTS SHALL BE CUT TO FIT AT ROOF FLASHINGS AND OTHER PENETRATIONS.

SYMBOLS LEGEND

- 1. JOIST
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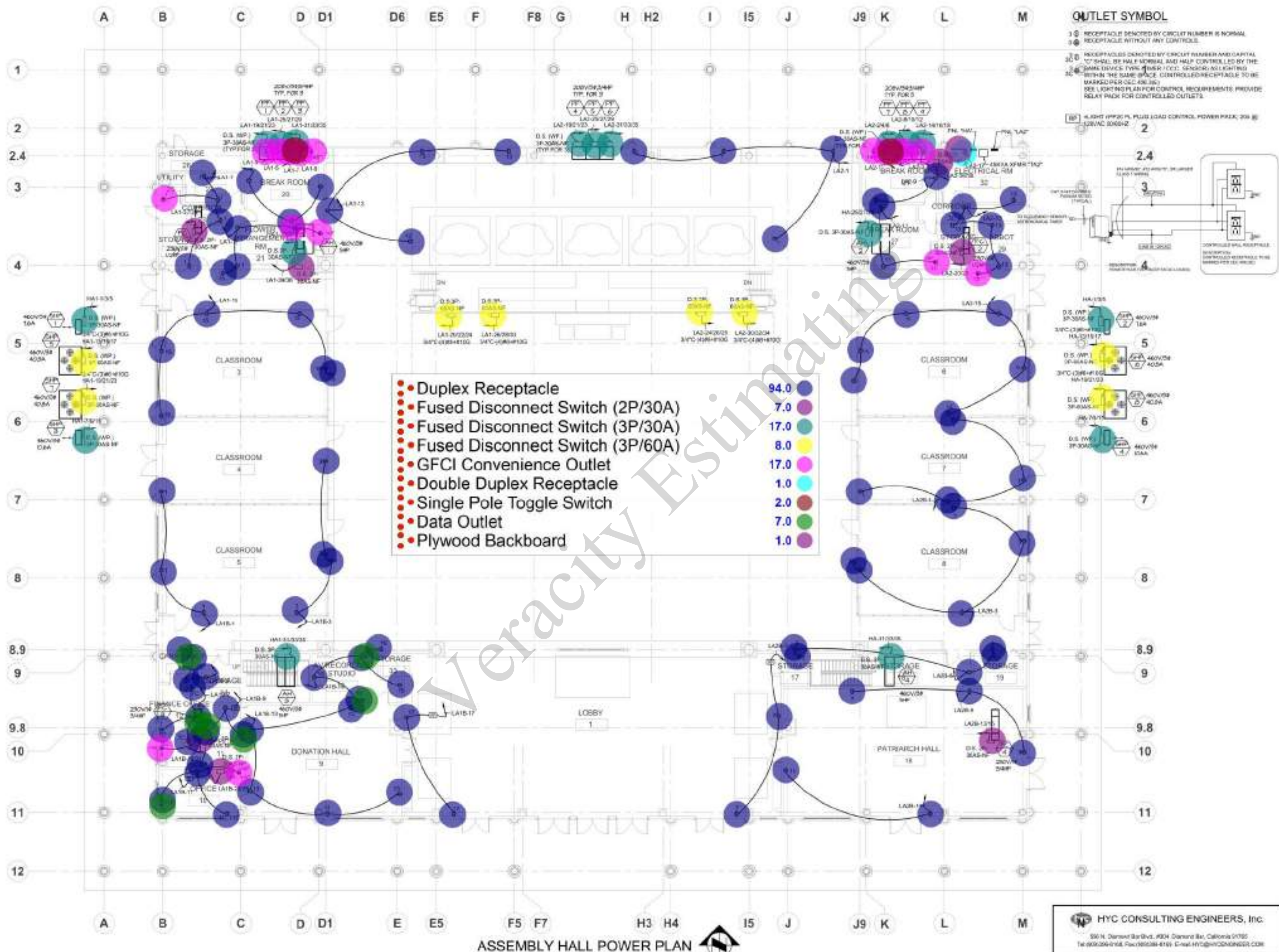
FRAMING NOTES

- 1. ALL JOISTS SHALL BE 2X10 S4S UNLESS OTHERWISE NOTED.
- 2. ALL JOISTS SHALL BE SPACED AT 16" O.C. UNLESS OTHERWISE NOTED.



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

Standard Joist	692.8 FT
Standard Joist	586.9 FT
Standard Joist	672.3 FT
2x10 DF#2 Ceiling Joist @ 16"...	1302.4 SQ FT



T SQUARE CONSULTING GROUP, Inc.
 2008 CONCORDS BLVD, #200
 SAN JOSE, CA 95128-1852
 TEL: (408) 321-9888
 FAX: (408) 321-9887

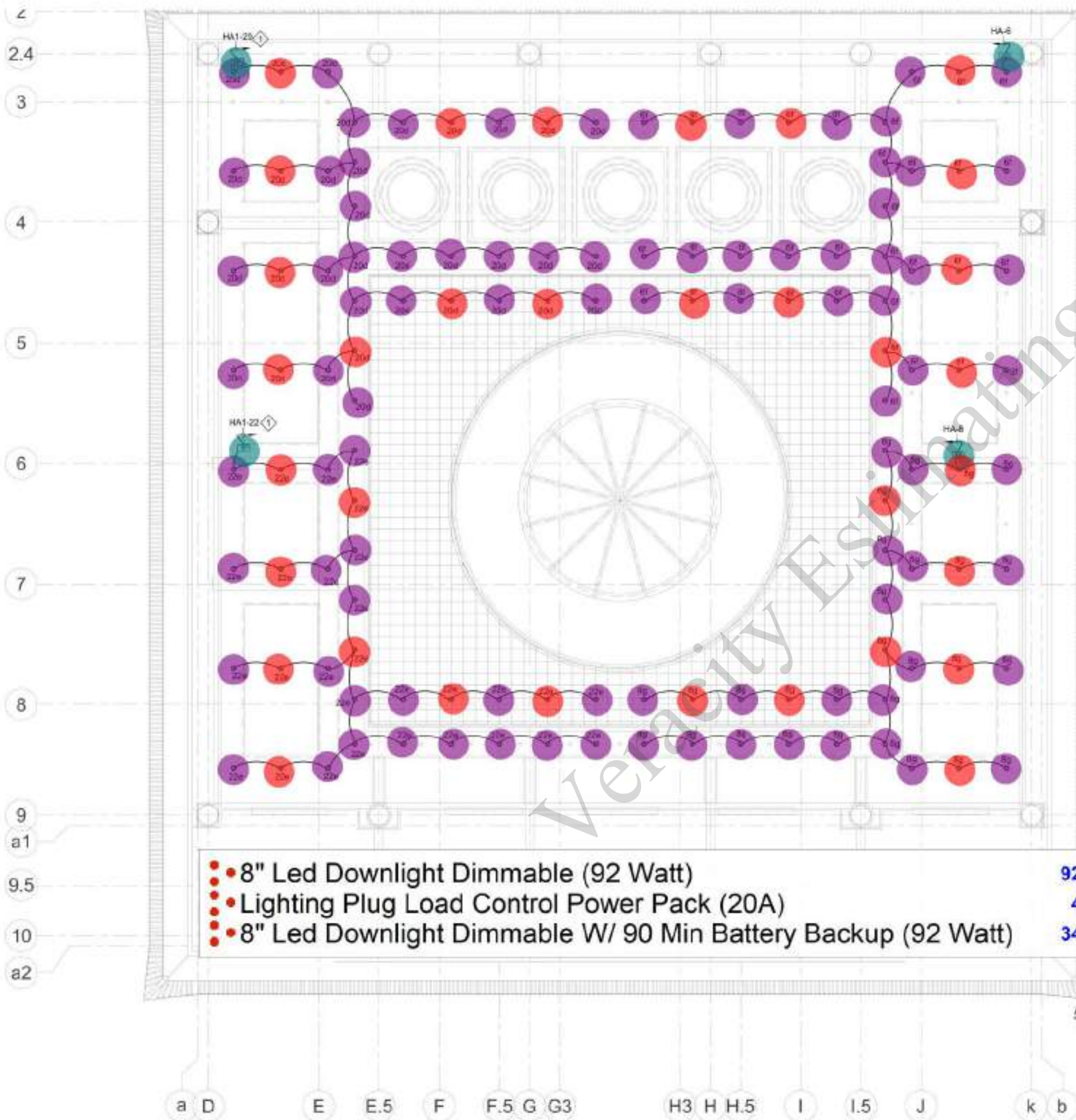
IPE - PHASE 2 at CTTB for DRBA
Buddha Hall Shell & T.I.
 2365 Meditation Way
 Ukiah, County of Mendocino, CA. 95482

ASSEMBLY HALL POWER PLAN

DATE: 10/1/08
 JOB NO: C22008-2
 ISSUE & REVISION
 09/01/24 SUBMITTAL
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SHEET NO. **E-3**
 DRAWN BY: C.T.

HYC CONSULTING ENGINEERS, Inc.
 550 N. Deane Blvd., #204, Danvers, CA 91923
 Tel: 951-264-4444 Fax: 951-264-4444 E-mail: HYC@HYCONSULTING.COM



LIGHTING NOTES AND LEGENDS:

- EM EMERGENCY LIGHT WITH 90 MINUTE BATTERY BACKUP OR UNIT MOUNTED EMERGENCY INVERTER. PROVIDE UNCONTROLLED HOT WIRE AS NOTED.
- 0.1 THE LIGHTING PLAN IS LIMITED TO PROVIDING CODE COMPLIANCE AND LIGHTING FIXTURE POWER SUPPLIES. CONTRACTOR TO OBTAIN LIGHTING CONTROL LAYOUT FROM MANUFACTURER FOR ALL REQUIRED DEVICES & WIRING. INCLUDE ALL EXTENDED WORK IN BID PRICE.
- 0.2 PROVIDE 12" OF FLEX METAL WIRE FROM JUNCTION ABOVE EACH FIXTURE TO EACH LIGHTING FIXTURE.
- 0.3 PROVIDE 90 MINUTE BATTERY BACKUP FOR EXIT SIGNAL PROVIDE LOW LEVEL EXIT SIGNAL AS REQUIRED BY FIRE DEPARTMENT OR C.B.C. TITLE 8 & 9.1.1.7
- 0.4 FIXTURE SHALL HAVE MINIMUM 100 LUMENS/WATT EFFICIENCY AND BALLAST AND LAMP SHALL BE ENERGY SAVING TYPE (E.S.E.)
- 0.5 VERIFY WITH OWNER OR ARCHITECT FOR NIGHT LIGHT REQUIREMENT.
- 0.6 LIGHTING SWITCH TO BE 36"-48" A.F.F. @ 0.0.
- 0.7 LIGHTING FIXTURES MAKE FOOD PREPARE AREA TO BE SHUTTERED OFF AND VISIBLE.
- 0.8 FOOD PREP, SERVICE KITCHEN AND SERVICE AREA SHALL HAVE A MINIMUM 10 FT. CIRCLE OF LIGHTING.
- ◇ RUN LIGHTS THROUGH CONTROL DEVICES. PROVIDE UNCONTROLLED HOT WIRE FOR EXIT SIGNAL, EMERGENCY LIGHT, AND LIGHTING CONTROL DEVICES.

CONTROL DEVICES LEGEND:

- § SINGLE POLE TOGGLE SWITCH, 36"-48" A.F.F.
- §³ THREE WAY SWITCH 20 AMP, 36"-48" A.F.F.
- §⁴ FOUR WAY SWITCH 20 AMP, 36"-48" A.F.F.
- §⁵ DIMMER SWITCH, SWITCH TYPE TO CORRESPOND WITH CONNECTED FIXTURES, 36"-48" A.F.F.
- §⁵⁰ THREE WAY DIMMER SWITCH, 36"-48" A.F.F.
- §² 0-2 HR. MANUAL BY-PASS TIMER FOR LTG., ZONE CONTROL. PROVIDE AS REQUIRED BY DEC FOR ELECTRIC METERED SPACE OF GREATER THAN 5000 S.F.
- §^{OS} OCCUPANCY SENSOR, PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES / AREA AS SHOWN ON LIGHTING PLAN
- §^{MS} MOTION SENSOR, PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES / AREA AS SHOWN ON LIGHTING PLAN
- §^{PC} PHOTOCELL / DAYLIGHT SENSOR
- §^{RP} CONTROL RELAY PACK FOR LIGHTING / RECEPTACLES
- §^{IC} ASTRONOMICAL TIME SWITCH FOR LIGHTING CONTROL
- §^D DEMAND RESPONSE FOR LIGHTING CONTROL

ASSEMBLY HALL(HIGH CLG.) LIGHTING PLAN
SCALE: 1/8"=1'-0"

HYC CONSULTING ENGINEERS, Inc.
550 N. Deane Blvd., #204, Danvers, CA 95619
Tel: 909.394-4166 Fax: 909.394-4169 Email: HYC@HYCONSOL.COM



T SQUARE CONSULTING GROUP, Inc.
2008 CONCORDS, #100, #20
SAN JOSE, CA 95128-1002
TEL: (408) 321-9999
FAX: (408) 321-9997

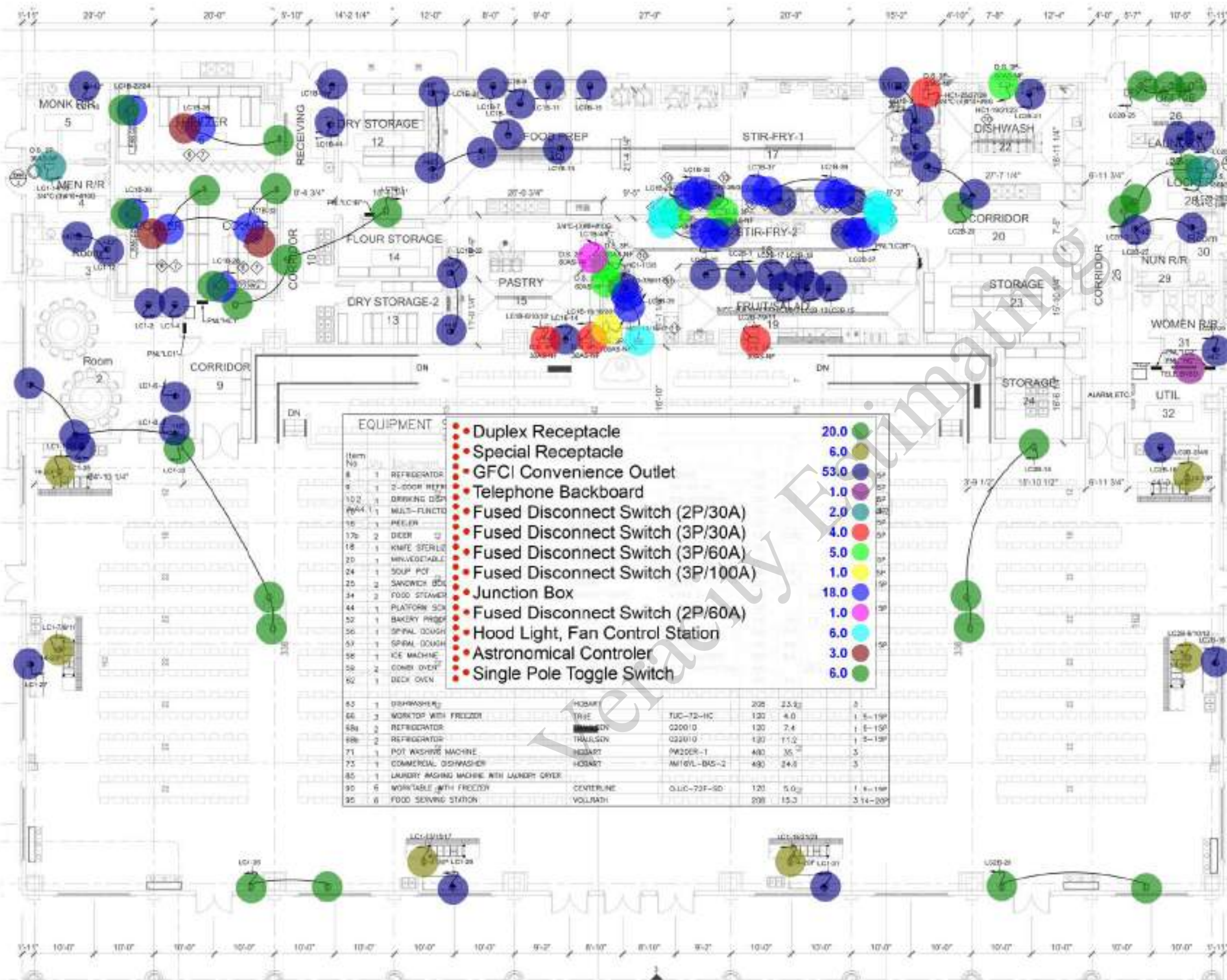


IPE - PHASE 2 at CTTB for DRBA
Buddha Hall Shell & T.I.
2365 Meditation Way
Ukiah, County of Mendocino, CA. 95482

ASSEMBLY HALL (HIGH CLG.) LIGHTING PLAN

DATE: 10/1/2014
JOB NO: C22008-2
ISSUE & REVISION
09/01/24 SUBMITTAL

SHEET NO. **E-6**
DRAWN BY: V.K.



EQUIPMENT				
Item No.	Description	Manufacturer	Model	Notes
1	REFRIGERATOR	TRANE	TUC-72-HC	205 25.5
2	2-DOOR REFR	TRANE	Q20010	130 4.0
3	DRINKING DISP	TRANE	Q20010	130 2.4
4	MULTI-FUNCTION	TRANE	Q20010	130 11.2
5	PEELER	TRANE	Q20010	130 35
6	DIE	TRANE	Q20010	130 24.5
7	KNIFE STERIL	TRANE	Q20010	130 35
8	MIX-VEGETABLE	TRANE	Q20010	130 35
9	SOUP POT	TRANE	Q20010	130 35
10	SANDWICH BDR	TRANE	Q20010	130 35
11	FOOD STEAMER	TRANE	Q20010	130 35
12	PLATFORM SCN	TRANE	Q20010	130 35
13	BAKERY PRGR	TRANE	Q20010	130 35
14	SPIRAL DOUGH	TRANE	Q20010	130 35
15	SPRINK DOUGH	TRANE	Q20010	130 35
16	ICE MACHINE	TRANE	Q20010	130 35
17	COMB OVEN	TRANE	Q20010	130 35
18	DECK OVEN	TRANE	Q20010	130 35
19	DISHWASHER	TRANE	Q20010	130 35
20	WORKTOP WITH FREEZER	TRANE	Q20010	130 35
21	REFRIGERATOR	TRANE	Q20010	130 35
22	REFRIGERATOR	TRANE	Q20010	130 35
23	POT WASHING MACHINE	TRANE	Q20010	130 35
24	COMMERCIAL DISHWASHER	TRANE	Q20010	130 35
25	LAUNDRY WASHING MACHINE WITH LAUNDRY DRYER	TRANE	Q20010	130 35
26	WORKTABLE WITH FREEZER	TRANE	Q20010	130 35
27	FOOD SERVING STATION	TRANE	Q20010	130 35

GENERAL NOTES:

- CONTRACTOR TO PROVIDE LABEL ON EACH OUTLET AND DISCONNECT MARK INDICATING THE POWER SOURCE PANEL AND CIRCUIT NUMBER.
- ELECTRICAL CONTRACTOR TO VERIFY WITH MANUFACTURER FOR ALL KITCHEN EQUIPMENT POWER CONNECTION REQUIREMENTS AND VERIFY WITH OWNER FOR ALL OUTLET HEIGHTS BEFORE PROCEEDING.
- CONTRACTOR HAS OPTION TO USE GFI BREAKER INSTEAD OF GFI OUTLET FOR KITCHEN OUTLETS THAT ARE DIFFICULT TO REACH.
- CONTRACTOR HAS OPTION TO PROVIDE CORD AND PLUG-CONNECTED INSTEAD OF DISCONNECT SWITCH FOR LOCAL DISCONNECT MEANS. THE SEPARABLE CONNECTOR SHALL BE ACCESSIBLE, THE RATING SHALL NOT BE LESS THAN THE OVERCURRENT DEVICE.

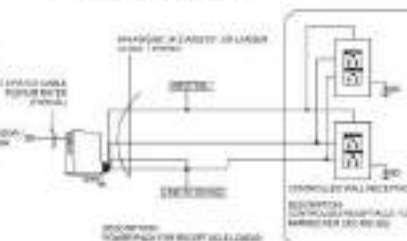
KEY NOTES:

- CONNECT TO HOOD LIGHTS, ANGLE SYSTEM VENTILATION CONTROL, ELECTRICALLY OPERATED GAS VALVES, ETC. AS REQUIRED.
- PROVIDE ELECTRICALLY HEATED GAS VALVES. SEE PLUMBING DRAWINGS FOR GAS SHUT OFF VALVE EXACT LOCATION.
- ELECTRICAL CONTRACTOR TO PROVIDE SHUNT TRIP BREAKERS FOR ALL EQUIPMENT UNDER HOOD AND INTERMEDIATE TO FIRE PROTECTION SYSTEM PER LOCAL CODE. PROVIDE DEDICATED NEUTRAL FOR ALL CIRCUITS WITH SHUNT TRIP BREAKERS.
- HOOD LIGHT, FAN CONTROL STATION, AND ANGLE CONTROL PANEL. VERIFY FINAL LOCATION ON FIELD WITH ARCHITECT/OWNER.
- NOT USED.
- PORTIONS OF RIDGEWAYS AND CABLE SLEEVES THAT ARE EXPOSED TO WEATHER DIFFERENT TEMPERATURES SHALL BE FILLED WITH AN APPROVED MATERIAL TO PREVENT CIRCULATION OF AIR AND/OR MOISTURE.
- CONTRACTOR TO VERIFY WITH OWNER FOR FINAL W.I. BOX MANUFACTURER AND MODEL, COORDINATE WITH MANUFACTURER FOR B.I. BOX, FAN, LIGHT, HEATER, COMPRESSOR WIRING AND POWER REQUIREMENTS. INCLUDE ALL COSTS IN BIDDING.
- WALK IN BOX LIGHTS AND SWITCHES SHALL BE PROVIDED BY MANUFACTURER. PROVIDE ASTRONOMICAL CONTROL FOR WALK IN LIGHTS FOR AUTOMATIC SHUT OFF CONTROL.
- OUTLET HEIGHT TO MATCH DOOR HEIGHT. DOOR OR CURTAIN ACTIVATED CONTROL BY MICRO SWITCH FOR SWING DOOR.
- 34"O-30"O-4"O
- 34"O-30"O-4"O

OUTLET SYMBOL

- RECEPTACLE IDENTIFIED BY CIRCUIT NUMBER IS NORMAL.
- RECEPTACLE WITHOUT ANY CONTROLS.
- RECEPTACLE IDENTIFIED BY CIRCUIT NUMBER AND CAPITAL "T" SHALL BE HALF NORMAL AND HALF CONTROLLED BY THE SAME DEVICE TYPE (TIMER, OSC, SENSOR, AS LISTED) WITHIN THE SAME SPACE. CONTROLLED RECEPTACLE TO BE MARKED PER USC 406.301.
- SEE LIGHTING PLAN FOR CONTROL REQUIREMENTS. PROVIDE RELAY PACK FOR CONTROLLED OUTLETS, ETC.

100' LIGHT 4000 PL. PLUG LOAD CONTROL POWER RACE 25A @ 120VAC 50/60HZ
 100' ALL NORMAL, DRAWING TEXT



DINING HALL POWER PLAN
 SCALE 1/8"=1'-0"

HYC CONSULTING ENGINEERS, Inc.
 550 N. Deane Blvd. #204, Danville, CA 94505
 Tel: 925/264-4166 Fax: 925/264-4169 E-mail: hyc@hycconsulting.com

T SQUARE CONSULTING GROUP, Inc.
 2550 Generosity Way
 Ukiah, County of Mendocino, CA. 95482
 TEL: (408) 321-9888
 FAX: (408) 321-9887

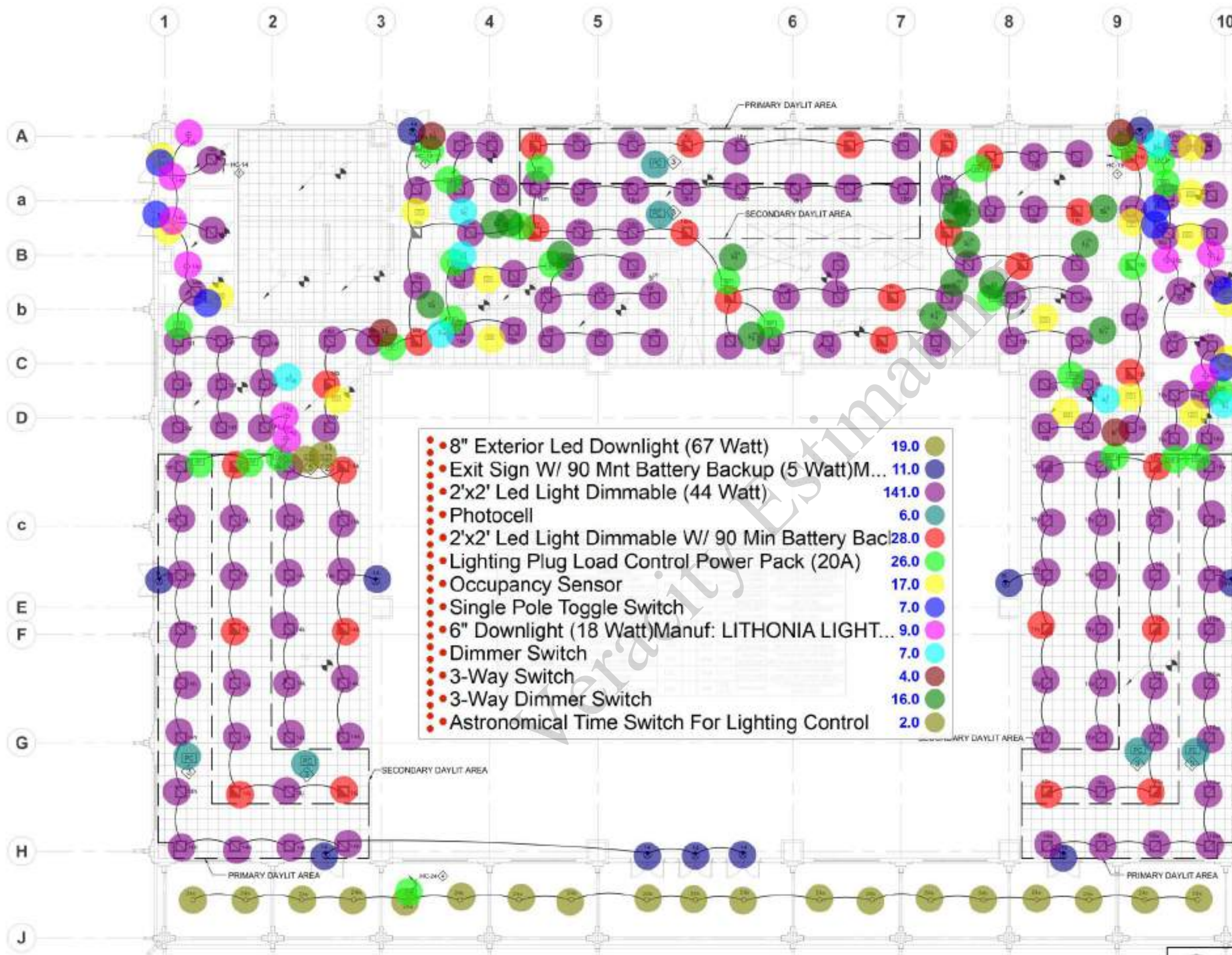
IPE - PHASE 2 at CTTB for DRBA Dining Hall Shell & T.I.
 2550 Generosity Way
 Ukiah, County of Mendocino, CA. 95482

DINING HALL POWER PLAN

DATE: 10/1/2004
 JOB NO: C22008-3
 ISSUE & REVISION
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SHEET NO. **E-3**

DRAWN BY: W.X



DINING HALL LIGHTING PLAN
SCALE: 1/8"=1'-0"

HYC CONSULTING ENGINEERS, Inc.
550 N. Darnell Blvd., #204 Darnell Bld., California 91085
Tel: 909.224.4144 Fax: 909.224.4145 E-mail: HYC@HYCONSULTEERS.COM

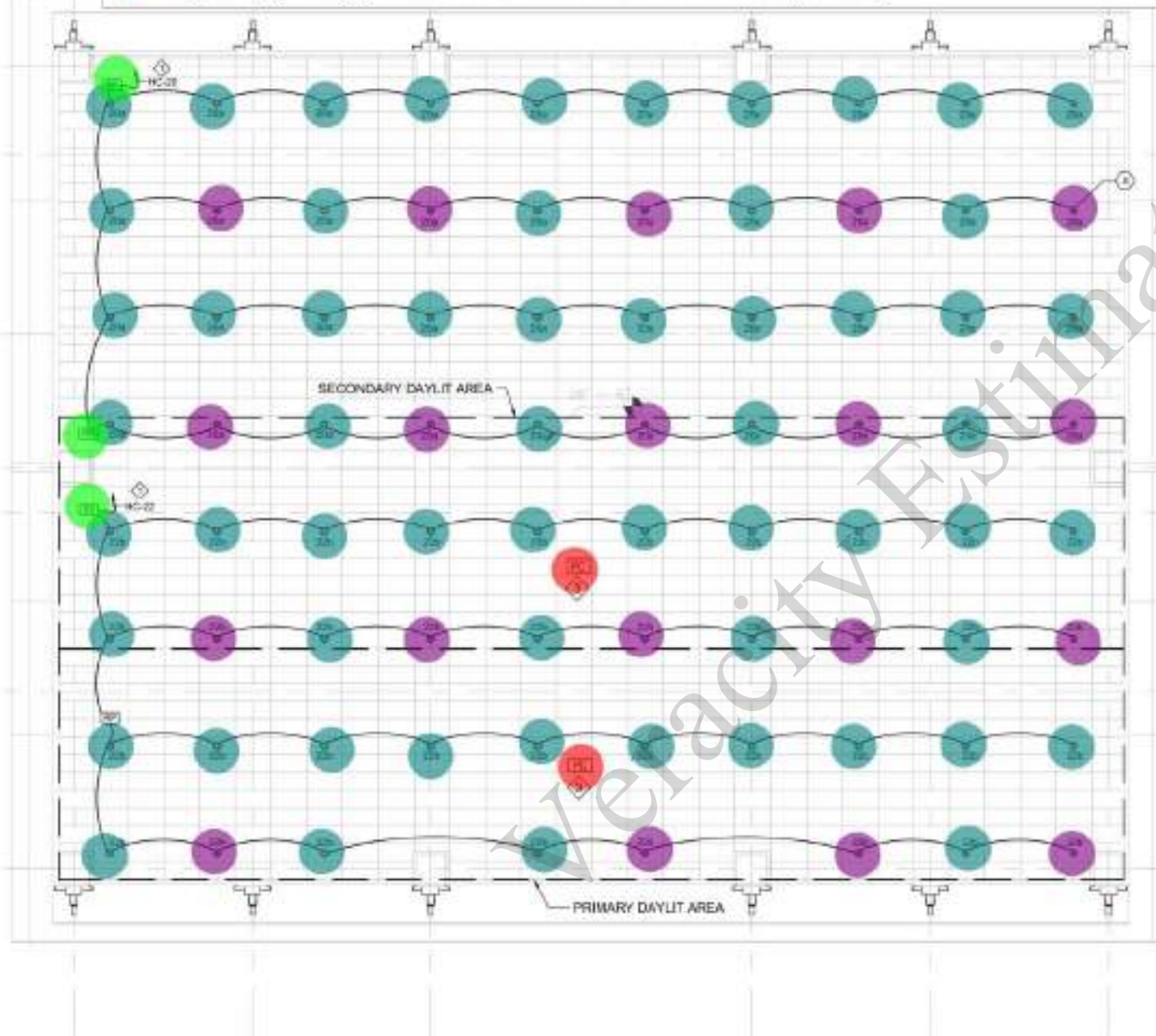
T SQUARE CONSULTING GROUP, Inc.
2008 CONCORDS, #100, #101 TEL: (408) 321-9999 FAX: (408) 321-2087
SAN JOSE, CA 95128-1852

ASSEMBLY HALL (HIGH CLG) LIGHTING PLAN

IPE - PHASE 2 at CTTB for DRBA Dining Hall Shell & T.I.
2550 Generosity Way Ukiah, County of Mendocino, CA. 95482

DATE: 10/1/2014
JOB NO: C22008-3
ISSUE & REVISION
09/01/24 SUBMITTAL
SHEET NO. **E-4**
DRAWN BY: V.L.

- 3
- 8" Led Downlight Dimmable W/ 90 Min Battery Backup (92 Watts) 19.0
 - 8" Led Downlight Dimmable (92 Watt) 59.0
 - Photocell 2.0
 - Lighting Plug Load Control Power Pack (20A) 3.0



DINING HALL (HIGH CLG.) LIGHTING PLAN

SCALE: 1/8" = 1'-0"



LIGHTING FIXTURE SCHEDULE									
TYPE	SYMBOL	DESCRIPTION	WATT	VOLT	AMT	MOUNTING	MANUFACTURER & MODEL	NOTES	REMARKS
1	●	8" LED DOWNLIGHT (DIMMABLE)	19.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		
2	●	8" LED DOWNLIGHT (DIMMABLE) W/ 90 MIN BATTERY BACKUP	19.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		
3	●	8" LED DOWNLIGHT (DIMMABLE)	59.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		
4	●	2' x 2' LED LIGHT (DIMMABLE)	40.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		
5	●	2' x 2' LED LIGHT (DIMMABLE) W/ 90 MIN BATTERY BACKUP	40.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		
6	●	4' x 4' LED LIGHT	160.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		
7	●	4' x 4' LED LIGHT W/ 90 MIN BATTERY BACKUP	160.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		
8	●	8" LED DOWNLIGHT (DIMMABLE)	19.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		
9	●	8" LED DOWNLIGHT (DIMMABLE) W/ 90 MIN BATTERY BACKUP	19.0	120V	100	RECESSED	OSRAM LUMINA LUMINA		

LIGHTING NOTES AND LEGENDS:

- EMERGENCY LIGHT WITH 90 MINUTE BATTERY BACKUP OR UNIT MOUNTED EMERGENCY EXISTING. PROVIDE UNCONTROLLED HOT WIRE AS NO S.E.
- THE LIGHTING PLAN IS LIMITED TO PROVIDING CODE COMPLIANCE AND LIGHTING FIXTURE POWER SUPPLIES. CONTRACTOR TO OBTAIN LIGHTING CONTROL LAYOUT FROM MANUFACTURER FOR ALL REQUIRED DEVICES & WIRING INCLUDE ALL EXTENDED WORK IN BASELINE.
- PROVIDE 1/2" OF 1/2" METAL WIRE FROM JUNCTION ABOVE EACH FIXTURE TO EACH LIGHTING FIXTURE.
- PROVIDE 90 MINUTE BATTERY BACKUP FOR EXIT SIGN. PROVIDE LOW LEVEL EXIT SIGN AS REQUIRED BY FIRE DEPARTMENT OR C.O.C. 1011.6 & 1011.7.
- FIXTURE SHALL HAVE MINIMUM 90 LUMENS/WATT EFFICIENCY AND BALLAST AND LAMP SHALL BE ENERGY SAVING TYPE (E.C.O.).
- VERIFY WITH OWNER OR ARCHITECT FOR NIGHT LIGHT REQUIREMENT.
- LIGHTING SWITCH TO BE 30" x 48" A.F.F. U.S.N.
- LIGHTING FIXTURES ABOVE FOOD PREPARE AREA TO BE 30" x 48" x 10" AND VISIBLE.
- FOOD PREP, AVOID VAPOR AND SEPARATE AREAS SHALL HAVE A MINIMUM 30" x 48" x 10" CANOPY OF LIGHTING.
- FOR LIGHTING CIRCUITS THROUGH CONTROL DEVICES. PROVIDE UNCONTROLLED HOT WIRE FOR EXIT SIGN, EMERGENCY LIGHT, AND LIGHTING CONTROL DEVICES.

CONTROL DEVICES LEGEND:

- 1 SINGLE POLE TOGGLE SWITCH 30" x 48" A.F.F.
- 2 THREE WAY SWITCH 20 AMP. 30" x 48" A.F.F.
- 3 FOUR WAY SWITCH 20 AMP. 30" x 48" A.F.F.
- 4 DIMMER SWITCH. SWITCH TYPE TO CORRESPOND WITH CONNECTED FIXTURES. 30" x 48" A.F.F.
- 5 THREE WAY DIMMER SWITCH 30" x 48" A.F.F.
- 6 0-2HR. MANUAL ON-OFF TIMER FOR LIGHTS. ZONE CONTROL. PROVIDE AS REQUIRED BY CODE FOR ELECTRIC METERED SPACE OF GREATER THAN 5000 S.F.
- 7 OCCUPANCY SENSOR. PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES / AREA AS SHOWN ON LIGHTING PLAN.
- 8 MOTION SENSOR. PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES / AREA AS SHOWN ON LIGHTING PLAN.
- 9 PHOTOCELL / DAYLIGHT SENSOR.
- 10 CONTROL RELAY PACK FOR LIGHTING / RECEPTACLES.
- 11 ASTRONOMICAL TIME SWITCH FOR LIGHTING CONTROL.
- 12 DEMAND RESPONSE FOR LIGHTING CONTROL.



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 2008 CONCORDS HWY, #200
 SAN JOSE, CA 95128-1852
 TEL: (408) 321-9999
 FAX: (408) 321-9997

1. IPE - PHASE 2 at CTTB for DRBA Dining Hall Shell & T.I.
 2. 2550 Generosity Way
 Ukiah, County of Mendocino, CA. 95482

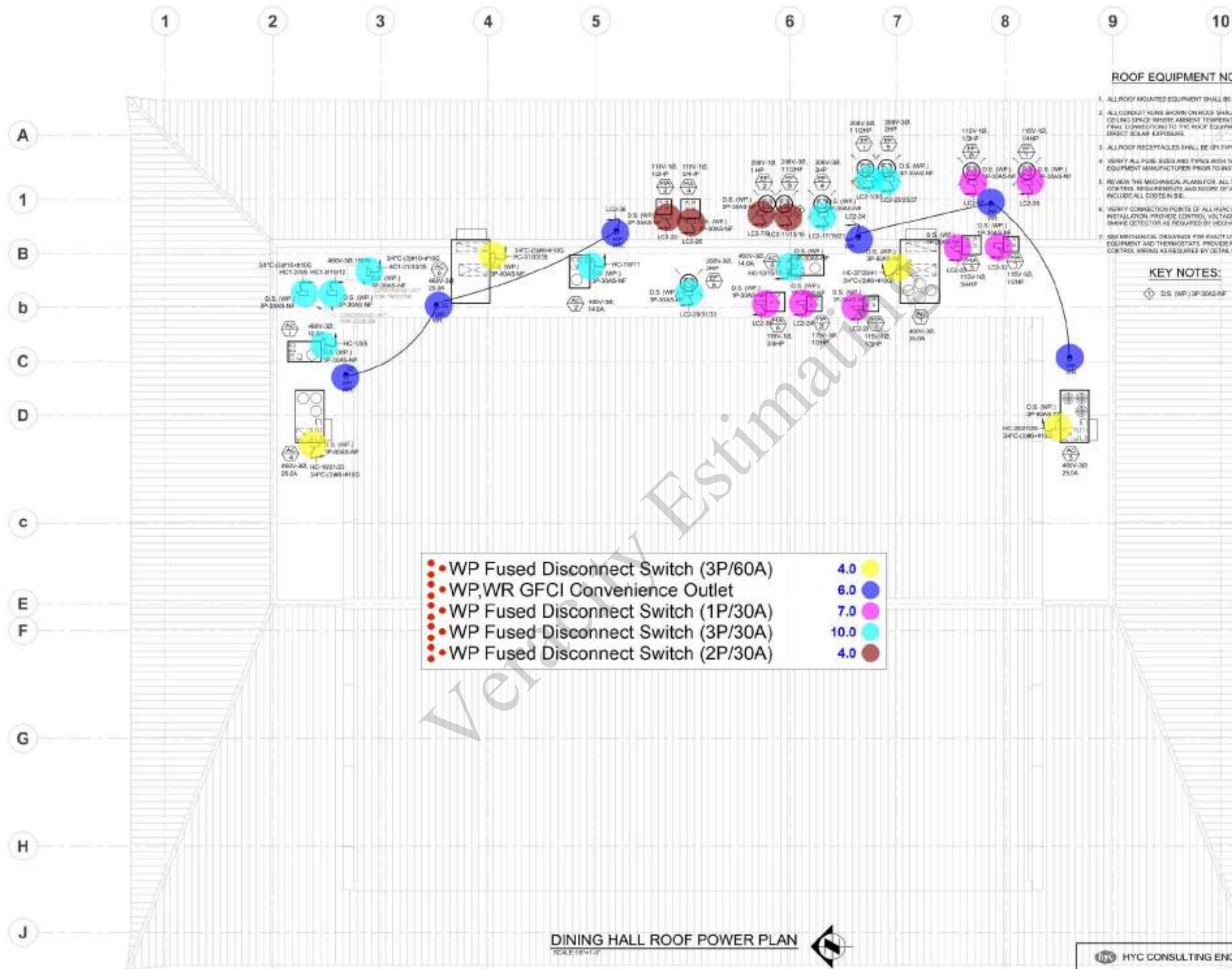


IPE - PHASE 2 at CTTB for DRBA Dining Hall Shell & T.I.
 2550 Generosity Way
 Ukiah, County of Mendocino, CA. 95482

DINING HALL (HIGH CLG.) LIGHTING PLAN

DATE:	10/1/2024
JOB NO:	C22008-3
ISSUE & REVISION	
NO.	09/01/24
DESCRIPTION	SUBMITTAL
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SHEET NO.	E-5
DRAWN BY:	V.S.

HYC CONSULTING ENGINEERS, Inc.
 550 N. Deane Blvd., #204, Ukiah, California 95568
 Tel: 707/246-4166 Fax: 707/246-4169 Email: hyc@hyc-engineers.com



DINING HALL ROOF POWER PLAN
SCALE: 1/8"=1'-0"



HYC CONSULTING ENGINEERS, Inc.
188 N. Diamond Bar Blvd., 400 Diamond Bar, California 91765
Tel: (909) 441-1100 Fax: (909) 441-1101 E-mail: hyc@hycengineers.com

T SQUARE CONSULTING GROUP, Inc.
2550 CONCOURSE DRIVE, #20
SAN JOSE, CA 95131-1802
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FAX: (408) 321-9887

IIPE - PHASE 2 at CTTB for DRBA Dining Hall Shell & T.I.
2550 Generosity Way
Ukiah, County of Mendocino, CA. 95482

DINING HALL ROOF POWER PLAN

DATE: 10/1/2021
JOB NO: C22008-3
ISSUE & REVISION
03/01/24 SUBMITTAL

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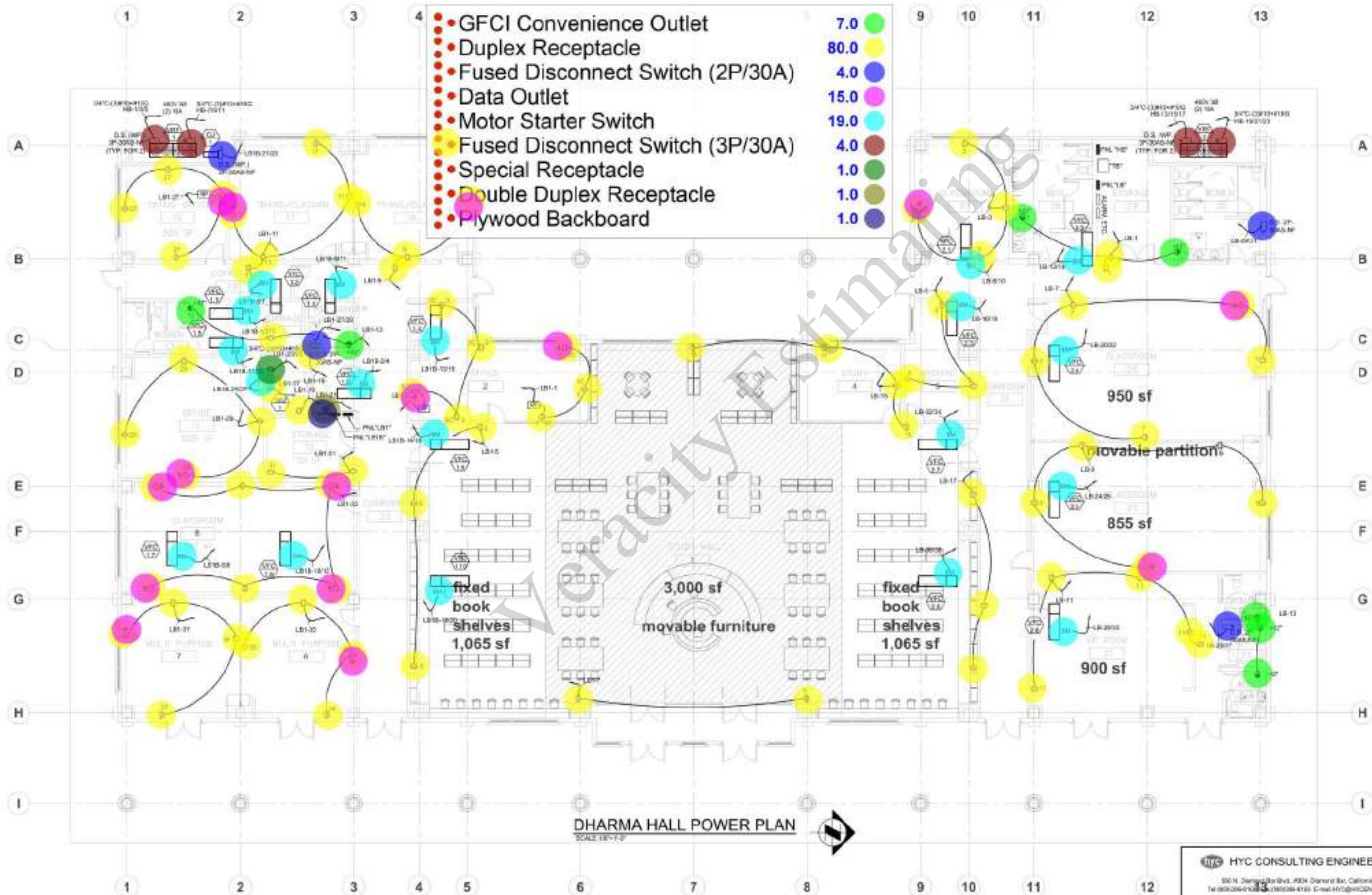
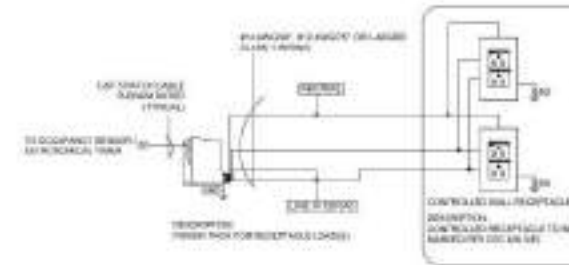
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OUTLET SYMBOL

- 1) RECEPTACLE DENOTED BY CIRCUIT NUMBER IS NORMAL RECEPTACLE WITHOUT ANY CONTROLS.
- 2) RECEPTABLES DENOTED BY CIRCUIT NUMBER AND CAPITAL "O" SHALL BE HALF NORMAL AND HALF CONTROLLED BY THE SAME DEVICE TYPE (TIMER / OCC. SENSORS AS LIGHTING WITHIN THE SAME SPACE. CONTROLLED RECEPTABLE TO BE MARKED PER SEC 406.30) SEE LIGHTING PLAN FOR CONTROL REQUIREMENTS. PROVIDE RELAY PACK FOR CONTROLLED OUTLETS.

RF: LIGHT APPS PL. PLUS LOAD CONTROL POWER RACK, 20A @ 120VAC 60HZ



DHARMA HALL POWER PLAN
SCALE 1/8" = 1'-0"

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T SQUARE CONSULTING GROUP, Inc.
2008 CONCORDS DRIVE, #200
SAN JOSE, CA 95128-1802
TEL: (408) 321-9999
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Professional Engineer Seal for T. Square Consulting Group, Inc.

IPE - PHASE 2 at CTTB for DRBA
Dharma Hall Shell & T.I.
809 Diligence Way
Ukiah, County of Mendocino, CA. 95482

DHARMA HALL POWER PLAN

DATE: 10/1/2004
JOB NO: C22008-4
ISSUE & REVISION
09/01/24 SUBMITTAL

SHEET NO.
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DRAWN BY: VJ

LIGHTING NOTES AND LEGENDS:

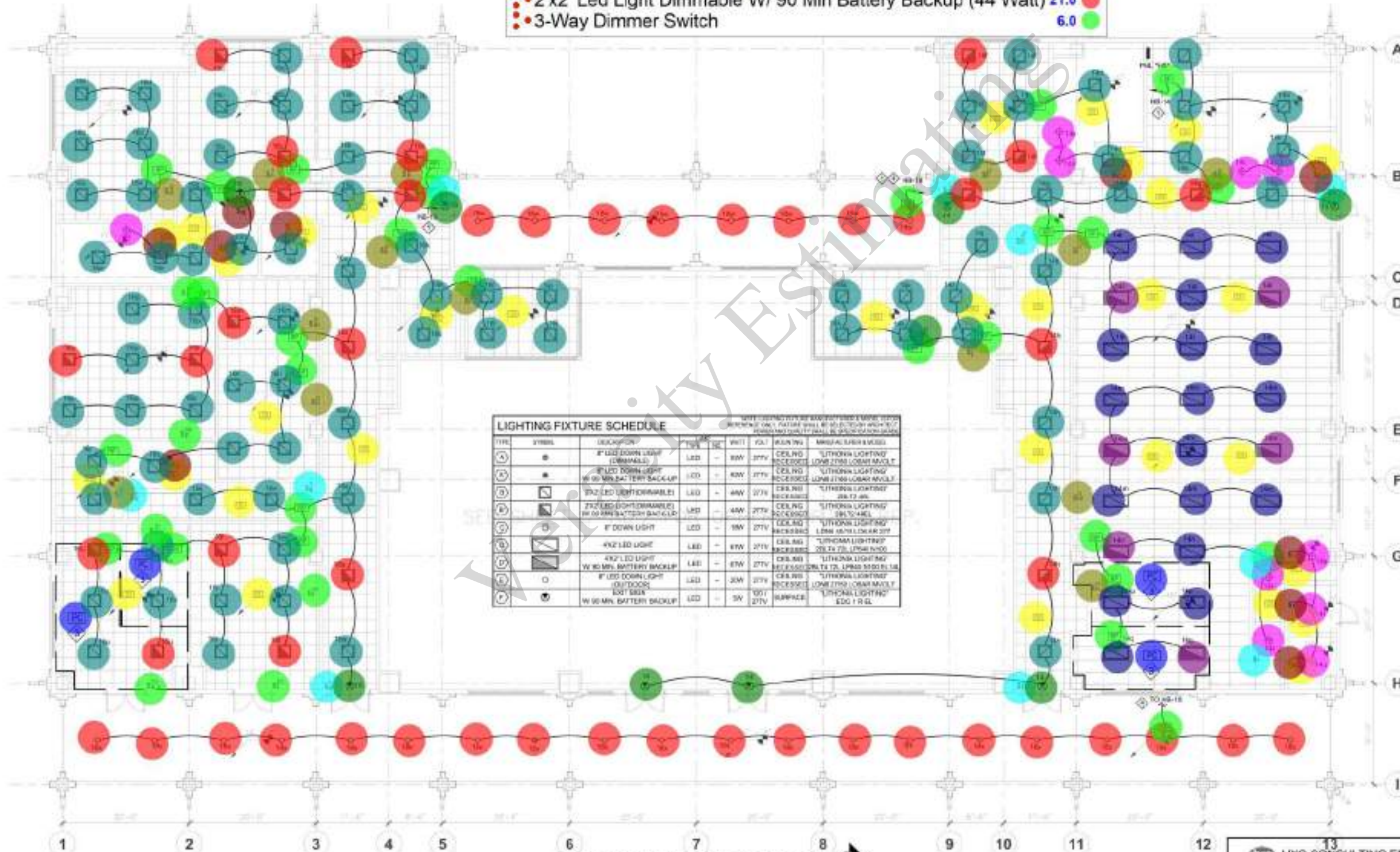
01. EMERGENCY LIGHT WITH 90 MINUTE BATTERY BACKUP OR UNIT MOUNTED EMERGENCY INVERTER, PROVIDE LIGHT TO HOT WIRE AS NOTED.
02. THE LIGHTING PLAN IS LIMITED TO PROVIDING CODE COMPLIANCE AND LIGHTING FIXTURE POWER SUPPLIES. CONTRACTOR TO OBTAIN LIGHTING CONTROL LAYOUT FROM MANUFACTURER FOR ALL REQUIRED DEVICES & WIRING. INCLUDE ALL EXTENDED WORK IN BID/PAK.
03. PROVIDE # OF FLEXIBLE WIRES FROM JUNK ABOVE EACH FIXTURE TO EACH LIGHTING FIXTURE.
04. PROVIDE 30 MINUTES BATTERY BACKUP FOR EXIT SIGN. PROVIDE LOW LEVEL EXIT SIGN AS REQUIRED BY FIRE DEPARTMENT OR C.B.C. 1011.6 & 1011.7.
05. FIXTURE SHALL HAVE MINIMUM 65 LUMENS/WATT EFFICIENCY, AND BALLAST AND LAMP SHALL BE ENERGY SAVING TYPE U.O.N.
06. VERIFY WITH OWNER OR ARCHITECT FOR NIGHT LIGHT REQUIREMENT.
07. LIGHTING SWITCH TO BE 30" x 48" A.F.F. U.O.N.

08. LIGHTING FIXTURES ABOVE FOOD PREPARE AREA TO SHATTERPROOF AND WASHABLE.
09. FOOD PREP, WARE WASH AND SERVICE AREAS SHALL BE MINIMUM 80 FT (ANGLE OF LIGHTING).
10. RUN LIGHTING CIRCUITS THROUGH CONTROL DEVICES UNCONTROLLED HOT WIRE FOR EXIT SIGN, EMERGENCY LIGHTING CONTROL DEVICES.
11. NO USE.
12. DAYLIT AREA: PROVIDE DAYLIGHT SENSOR FOR LIGHTING CONTROL DEVICES.
13. PROVIDE PHOTOCELL & TIMER CONTROL FOR EXTERIOR FIXTURES.
14. LIGHTING CONTROL DEVICE FOR AUTOMATIC TIMER SWITCHES FOR HIGH DESIRE: 30, 60, 90, 120.

- 8" Exterior Led Downlight (67 Watt) 28.0
- Lighting Plug Load Control Power Pack (20A) 28.0
- Occupancy Sensor 33.0
- Photocell 4.0
- 6" Downlight (18 Watt) 10.0
- 3-Way Switch 10.0
- Single Pole Toggle Switch 10.0
- Exit Sign W/ 90 Mnt Battery Backup (5 Watt) 9.0
- Dimmer Switch 14.0
- 4'x2' Led Light (67 Watt) 18.0
- 4'x2' Led Light W/ 90 Min Battery Backup (67 Watt) 6.0
- 2'x2' Led Light Dimmable (44 Watt) 81.0
- 2'x2' Led Light Dimmable W/ 90 Min Battery Backup (44 Watt) 21.0
- 3-Way Dimmer Switch 6.0

CONTROL DEVICES LEGEND:

1. SINGLE POLE TOGGLE SWITCH, 30" x 48" A.F.F.
2. THREE WAY SWITCH, 30" x 48" A.F.F.
3. FOUR WAY SWITCH, 30" x 48" A.F.F.
4. DIMMER SWITCH, SWITCH TYPE TO CORRESPOND WITH CONNECTED FIXTURES, 30" x 48" A.F.F.
5. THREE WAY DIMMER SWITCH, 30" x 48" A.F.F.
6. 0-2 HR. MANUAL BY-PASS TIMER FOR LIGHT ZONE CONTROL. PROVIDE AS REQUIRED BY DEC FOR ELECTRIC METERED SPACE OF GREATER THAN 5000 S.F.
7. OCCUPANCY SENSOR, PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES / AREA AS SHOWN ON LIGHTING PLAN.
8. MOTION SENSOR, PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES / AREA AS SHOWN ON LIGHTING PLAN.
9. PHOTOCELL / DAYLIGHT SENSOR
10. CONTROL RELAY PACK FOR LIGHTING / RECEPTACLES
11. ASTRONOMICAL TIME SWITCH FOR LIGHTING CONTROL
12. DEMAND RESPONSE FOR LIGHTING CONTROL



TYPE	SYMBOL	DESCRIPTION	TYPE	WATT	VOLT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
1	●	8" LED DOWN LIGHT (DIMMABLE)	LED	67W	277V	1	1	1	1
2	●	8" LED DOWN LIGHT W/ 90 MIN BATTERY BACKUP	LED	67W	277V	1	1	1	1
3	■	2'x2' LED (DIMMABLE)	LED	44W	277V	1	1	1	1
4	■	2'x2' LED (DIMMABLE) W/ 90 MIN BATTERY BACKUP	LED	44W	277V	1	1	1	1
5	■	4'x2' LED LIGHT	LED	67W	277V	1	1	1	1
6	■	4'x2' LED LIGHT W/ 90 MIN BATTERY BACKUP	LED	67W	277V	1	1	1	1
7	■	8" LED DOWN LIGHT (OUTDOOR)	LED	67W	277V	1	1	1	1
8	■	8" LED DOWN LIGHT W/ 90 MIN BATTERY BACKUP	LED	67W	277V	1	1	1	1

DHARMA HALL LIGHTING PLAN
SCALE: 1/8" = 1'-0"

HYC CONSULTING ENGINEERS, Inc.
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2008 CONCORD, CA 94521
TEL: (415) 321-9999 FAX: (415) 321-9997



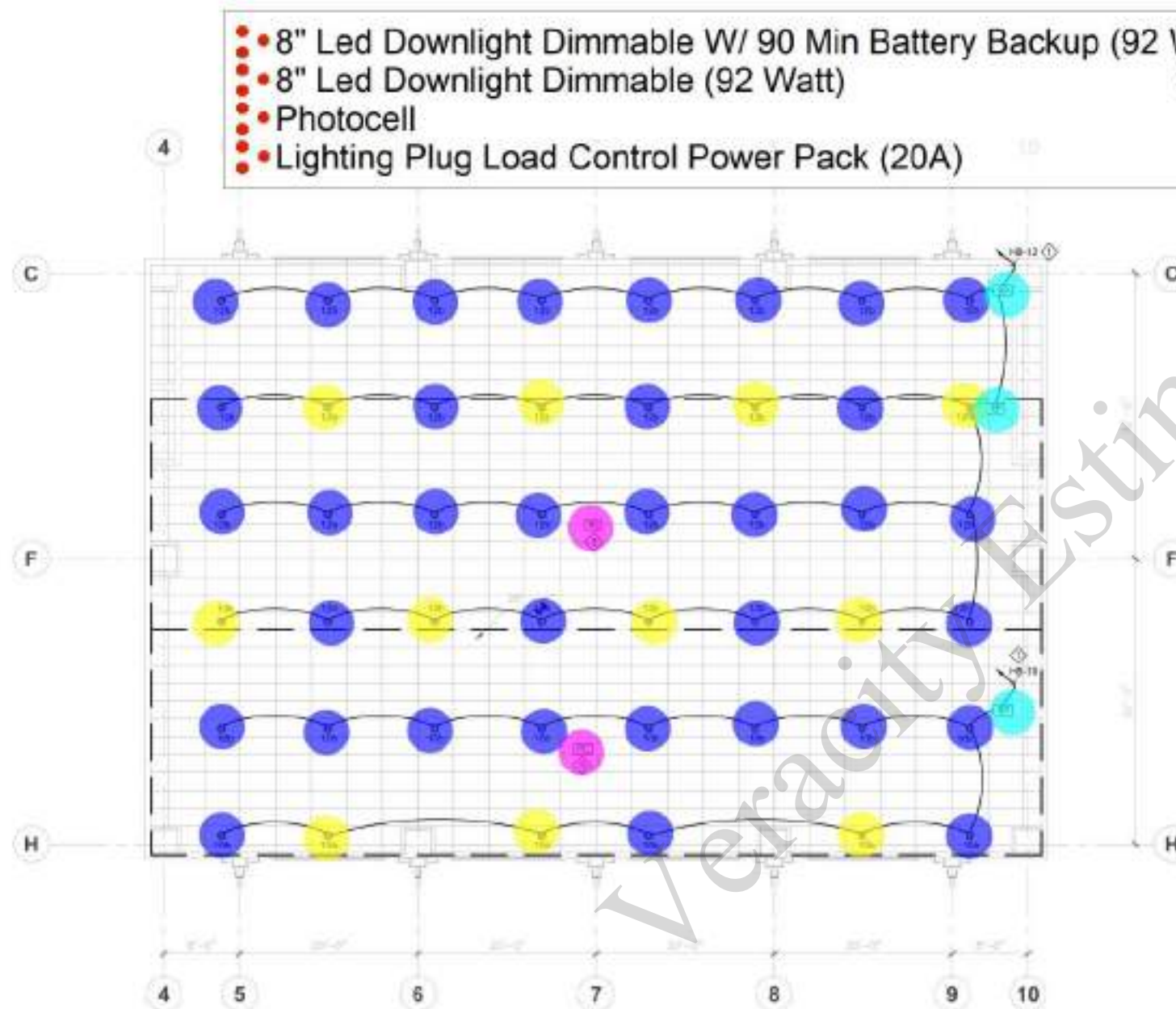
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IPE - PHASE 2 at CTTB for DRBA
Dharma Hall Shell & T.I.
809 Diligence Way
Ukiah, County of Mendocino, CA. 95482

DHARMA HALL LIGHTING PLAN

DATE:	10/1/2004
JOB NO:	C22008-4
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SHEET NO. **E-4**
DRAWN BY: VJ



DHARMA HALL(HIGH CLG.) LIGHTING PLAN

SCALE: 1/8"=1'-0"



SYM	QTY	DESCRIPTION	WATT	VOLT	REMARKS	MANUFACTURER & MODEL
1	1	8" LED DOWNLIGHT (DIMMABLE)	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
2	1	8" LED DOWNLIGHT (DIMMABLE) W/ 90 MIN BATTERY BACKUP	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
3	1	8" LED DOWNLIGHT (DIMMABLE)	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
4	1	8" LED DOWNLIGHT (DIMMABLE) W/ 90 MIN BATTERY BACKUP	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
5	1	8" LED DOWNLIGHT	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
6	1	4" LED LIGHT	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
7	1	4" LED LIGHT	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
8	1	8" LED DOWNLIGHT	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
9	1	8" LED DOWNLIGHT (OUTDOOR)	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
10	1	EXIT SIGN	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515
11	1	W/ 90 MIN. BATTERY BACKUP	92W	277V	CEILING	LITHONIA LIGHTING/ LDM 4515 LDM 4515

LIGHTING NOTES AND LEGENDS:

- EM EMERGENCY LIGHT WITH 90 MINUTE BATTERY BACKUP OR UNIT MOUNTED EMERGENCY INVERTER. PROVIDE UNSWITCHED HOT WIRE AS NOTED.
- 01 THE LIGHTING PLAN IS LIMITED TO PROVIDING CODE COMPLIANCE AND LIGHTING FIXTURE POWER SUPPLIES. CONTRACTOR TO OBTAIN LIGHTING CONTROL LAYOUT FROM MANUFACTURER FOR ALL REQUIRED DEVICES & WIRING. INCLUDE ALL EXTENDED WORK IN BIDDING.
- 02 PROVIDE 6" OF FLEX METAL WIRES FROM J-BOX ABOVE EACH FIXTURE TO EACH LIGHTING FIXTURE.
- 03 PROVIDE 90 MINUTES BATTERY BACKUP FOR EXIT SIGN. PROVIDE LOW LEVEL EXIT SIGN AS REQUIRED BY FIRE DEPARTMENT OR C.B.C. 1011.6 & 1011.7.
- 04 FIXTURE SHALL HAVE MINIMUM 80 LUMENS/WATT EFFICIENCY, AND BALLAST AND LAMP SHALL BE ENERGY SAVING TYPE U.O.N.
- 05 VERIFY WITH OWNER OR ARCHITECT FOR NIGHT LIGHT REQUIREMENT.
- 06 LIGHTING SWITCH TO BE 36"-48" A.F.F. U.O.N.
- 07 LIGHTING FIXTURES ABOVE FOOD PREPARE AREA TO BE SHATTERPROOF AND WASHABLE.
- 08 FOOD PREP, WARE WASH, AND SERVICE AREAS SHALL HAVE A MINIMUM 50 FT CANDLE OF LIGHTING.
- 1 RUN LIGHTING CIRCUITS THROUGH CONTROL DEVICES. PROVIDE UNCONTROLLED HOT WIRE FOR EXIT SIGN, EMERGENCY LIGHT, AND LIGHTING CONTROL DEVICES.
- 2 LIGHTING CONTROL DEVICE FOR AUTOMATIC TIMER AND DIMMER SWITCHES FOR LOBBY AREA: \$a, \$b, \$c.
- 3 DAYLIT AREA. PROVIDE DAYLIGHT SENSOR FOR LIGHTING CONTROL.
- 4 PROVIDE PHOTOCELL & TIMER CONTROL FOR EXTERIOR LIGHTING FIXTURES.
- 5 LIGHTING CONTROL DEVICE FOR AUTOMATIC TIMER AND DIMMER SWITCHES FOR HIGH CEILING: \$d, \$e, \$f, \$g.

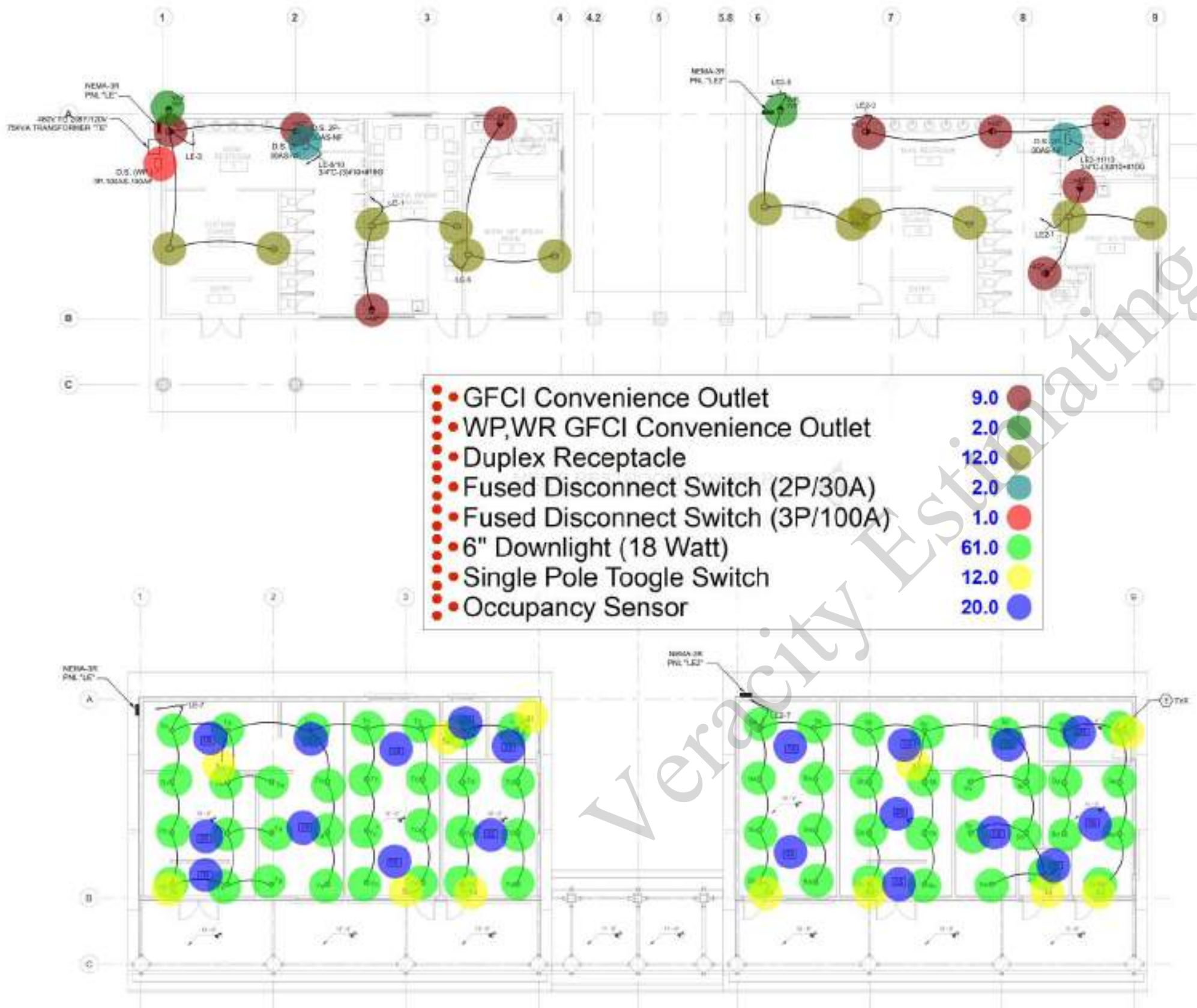
CONTROL DEVICES LEGEND:

- \$ SINGLE POLE TOGGLE SWITCH, 36"-48" A.F.F.
- \$¹ THREE WAY SWITCH 20 AMP, 36"-48" A.F.F.
- \$² FOUR WAY SWITCH 20 AMP, 36"-48" A.F.F.
- \$³ DIMMER SWITCH, SWITCH TYPE TO CORRESPOND WITH CONNECTED FIXTURES, 36"-48" A.F.F.
- \$⁴ THREE WAY DIMMER SWITCH, 36"-48" A.F.F.
- \$⁵ 1-2 HR. MANUAL BY-PASS TIMER FOR LTG. ZONE CONTROL. PROVIDE AS REQUIRED BY CEC FOR ELECTRIC METERED SPACE OF GREATER THAN 5000 S.F.
- \$⁶ OCCUPANCY SENSOR. PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES | AREA AS SHOWN ON LIGHTING PLAN
- \$⁷ MOTION SENSOR. PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES | AREA AS SHOWN ON LIGHTING PLAN
- \$⁸ PHOTOCELL / DAYLIGHT SENSOR
- \$⁹ CONTROL RELAY PACK FOR LIGHTING / RECEPTACLES
- \$¹⁰ AUTOMATIC TIME SWITCH FOR LIGHTING CONTROL
- \$¹¹ DEMAND RESPONSE FOR LIGHTING CONTROL



HYC CONSULTING ENGINEERS, Inc.

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MEN'S RESTROOM LIGHTING PLAN
SCALE: 1/8"=1'-0"

LIGHTING NOTES AND LEGENDS:

01. EMERGENCY LIGHT WITH 90 MINUTE BATTERY BACKUP OR UNIT MOUNTED EMERGENCY INVERTER. PROVIDE UNBROKEN HOT WIRE AS NOTED.
02. THE LIGHTING PLAN IS LIMITED TO PROVIDING CODE COMPLIANCE AND LIGHTING FIXTURE POWER SUPPLIES. CONTRACTOR TO OBTAIN LIGHTING CONTROL LAYOUT FROM MANUFACTURER FOR ALL REQUIRED DEVICES & WIRING. INCLUDE ALL EXTENDED WORK IN SECTION.
03. PROVIDE #12 FLEX METAL WIRES FROM J-BOX ABOVE EACH FIXTURE TO EACH LIGHTING FIXTURE.
04. PROVIDE 90 MINUTES BATTERY BACKUP FOR EXIT SIGN. PROVIDE LOW VOLTAGE EXIT SIGN AS REQUIRED BY FIRE DEPARTMENT OR CALIF. 1111.8 & 1111.7.
05. FIXTURES SHALL HAVE MINIMUM 80 LUMENS/WATT EFFICIENCY, AND BALLAST AND LAMP SHALL BE ENERGY SAVING TYPE U.O.N.
06. VERIFY WITH OWNER OR ARCHITECT FOR NIGHT LIGHT REQUIREMENT.
07. LIGHTING SWITCH TO BE 30" HIGHER A.F.F. U.O.N.
08. RUN LIGHTING CIRCUITS THROUGH CONTROL DEVICES. PROVIDE UNBROKEN HOT WIRE FOR EXIT SIGN, EMERGENCY LIGHT, AND LIGHTING CONTROL DEVICES.

CONTROL DEVICES LEGEND:

1. SINGLE POLE TOGGLE SWITCH, 30" HIGHER A.F.F.
2. THREE WAY SWITCH 20 AMP, 30" HIGHER A.F.F.
3. FOUR WAY SWITCH 20 AMP, 30" HIGHER A.F.F.
4. DIMMER SWITCH, SWITCH TYPE TO CORRESPOND WITH CONNECTED FIXTURES, 30" HIGHER A.F.F.
5. THREE WAY DIMMER SWITCH, 30" HIGHER A.F.F.
6. 6" HIGHER DOWNLIGHT, WITH PASS THROUGH FOR LIGHTING CONTROL. PROVIDER ASSIGNED BY GEC FOR ELECTRIC METERED SPACE OF GREATER THAN 1000 S.F.
7. OCCUPANCY SENSOR, PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES / AREA AS SHOWN ON LIGHTING PLAN.
8. MOTION SENSOR, PROVIDE DEVICES SENSING ENTIRE ENCLOSED AREA WHERE THE DEVICES ARE LOCATED OR FIXTURES / AREA AS SHOWN ON LIGHTING PLAN.
9. PHOTOCELL / DAYLIGHT SENSOR.
10. CONTROL RELAY PACK FOR LIGHTING / RECEPTACLES.
11. ASTRONOMICAL TIME SWITCH FOR LIGHTING CONTROL.
12. DEMAND RESPONSE FOR LIGHTING CONTROL.

LIGHTING FIXTURE SCHEDULE							
TYPE	SYMBOL	DESCRIPTION	QTY	WATT	VOLT	ROUTING	MANUFACTURER & MODEL
6"	⬤	6" DOWN LIGHT	100	18W	120V	CEILING	"LITHONIA LIGHTING"



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**WOMEN'S RESTROOM
POWER & LIGHTING
PLAN**

DATE: 10/1/2014

JOB NO: C22008-5

ISSUE & REVISION

09/01/24 SUBMITTAL

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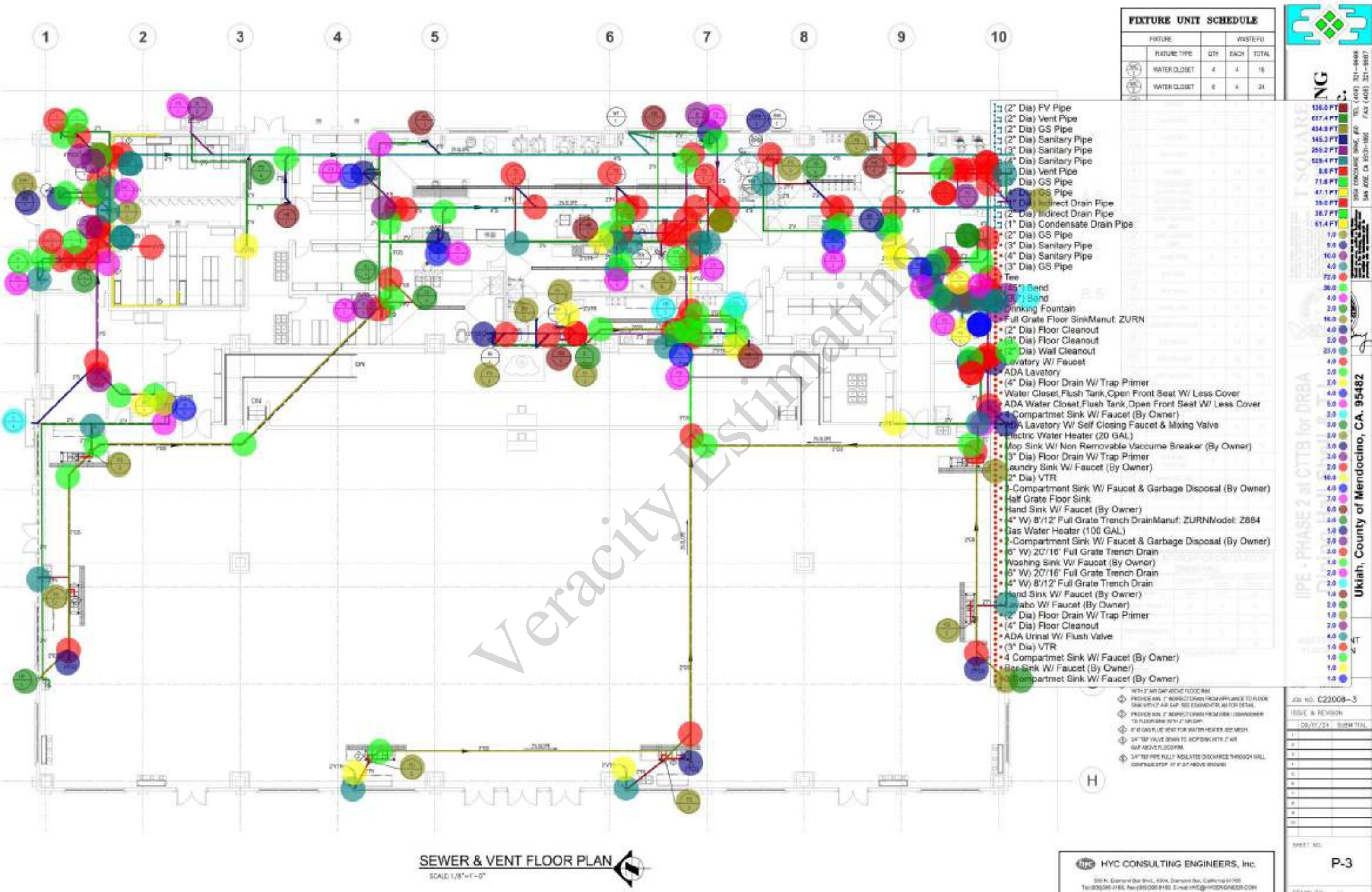
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500 N. Deane Blvd., #204, San Jose, California 95128
Tel: 408.294.4166 Fax: 408.294.4169 E-mail: hyc@hyc-engineers.com

E-4
DRAWN BY: C.T.



FIXTURE UNIT SCHEDULE				
FIXTURE		WASTU		
	FIXTURE TYPE	QTY	EACH	TOTAL
WC	WATER CLOSET	4	4	16
WC	WATER CLOSET	6	4	24



NG

136.0 FT
137.4 FT
138.8 FT
140.2 FT
141.6 FT
143.0 FT
144.4 FT
145.8 FT
147.2 FT
148.6 FT
150.0 FT
151.4 FT
152.8 FT
154.2 FT
155.6 FT
157.0 FT
158.4 FT
159.8 FT
161.2 FT
162.6 FT
164.0 FT
165.4 FT
166.8 FT
168.2 FT
169.6 FT
171.0 FT
172.4 FT
173.8 FT
175.2 FT
176.6 FT
178.0 FT
179.4 FT
180.8 FT
182.2 FT
183.6 FT
185.0 FT
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190.6 FT
192.0 FT
193.4 FT
194.8 FT
196.2 FT
197.6 FT
199.0 FT
200.4 FT
201.8 FT
203.2 FT
204.6 FT
206.0 FT
207.4 FT
208.8 FT
210.2 FT
211.6 FT
213.0 FT
214.4 FT
215.8 FT
217.2 FT
218.6 FT
220.0 FT
221.4 FT
222.8 FT
224.2 FT
225.6 FT
227.0 FT
228.4 FT
229.8 FT
231.2 FT
232.6 FT
234.0 FT
235.4 FT
236.8 FT
238.2 FT
239.6 FT
241.0 FT
242.4 FT
243.8 FT
245.2 FT
246.6 FT
248.0 FT
249.4 FT
250.8 FT
252.2 FT
253.6 FT
255.0 FT
256.4 FT
257.8 FT
259.2 FT
260.6 FT
262.0 FT
263.4 FT
264.8 FT
266.2 FT
267.6 FT
269.0 FT
270.4 FT
271.8 FT
273.2 FT
274.6 FT
276.0 FT
277.4 FT
278.8 FT
280.2 FT
281.6 FT
283.0 FT
284.4 FT
285.8 FT
287.2 FT
288.6 FT
290.0 FT
291.4 FT
292.8 FT
294.2 FT
295.6 FT
297.0 FT
298.4 FT
300.0 FT

Ukiah, County of Mendocino, CA, 95482

Job No. C22008-3

Issue & Revision

NO.	DESCRIPTION	DATE
1	SUBMITTAL	09/17/24
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SHEET NO.

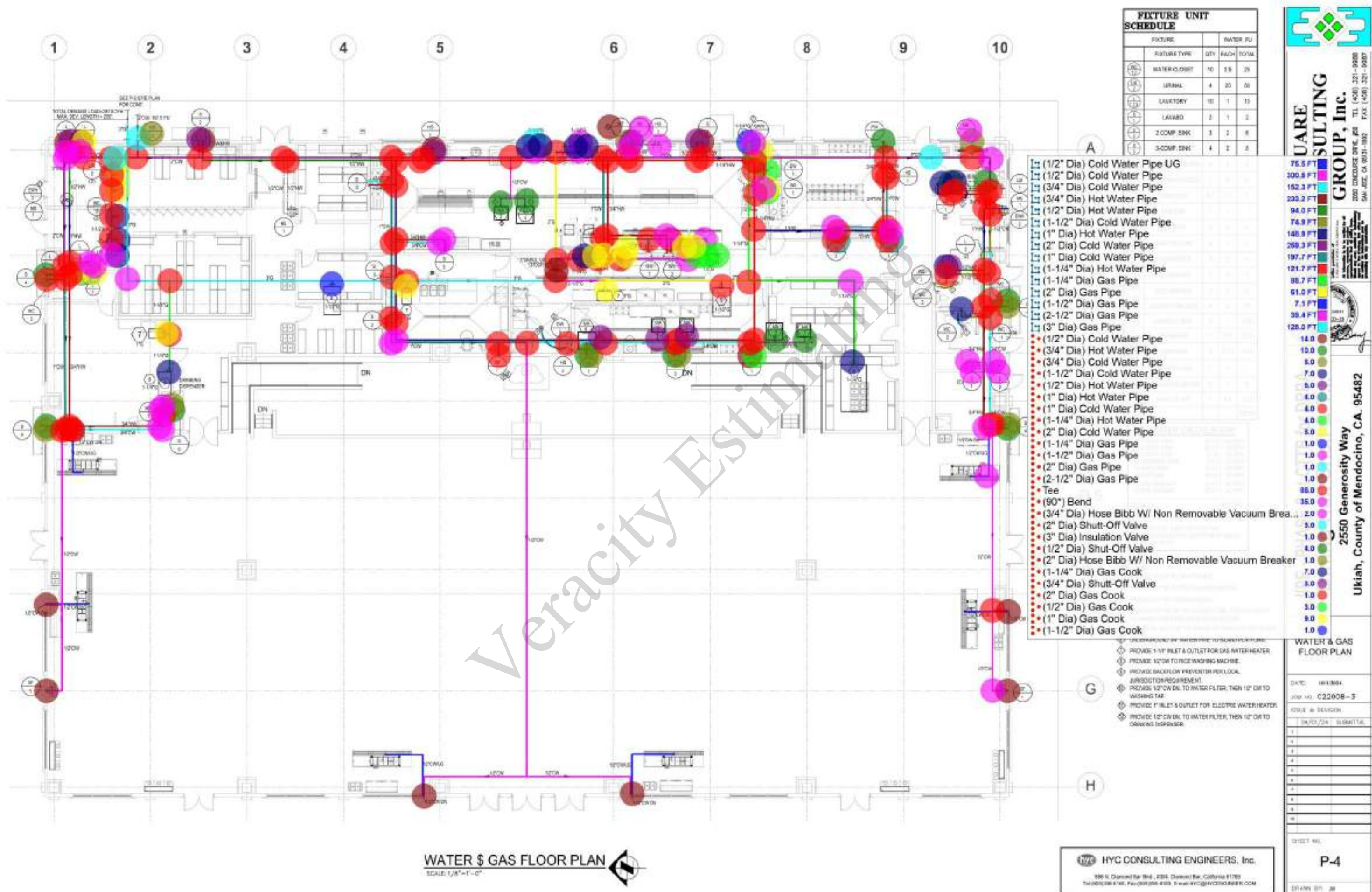
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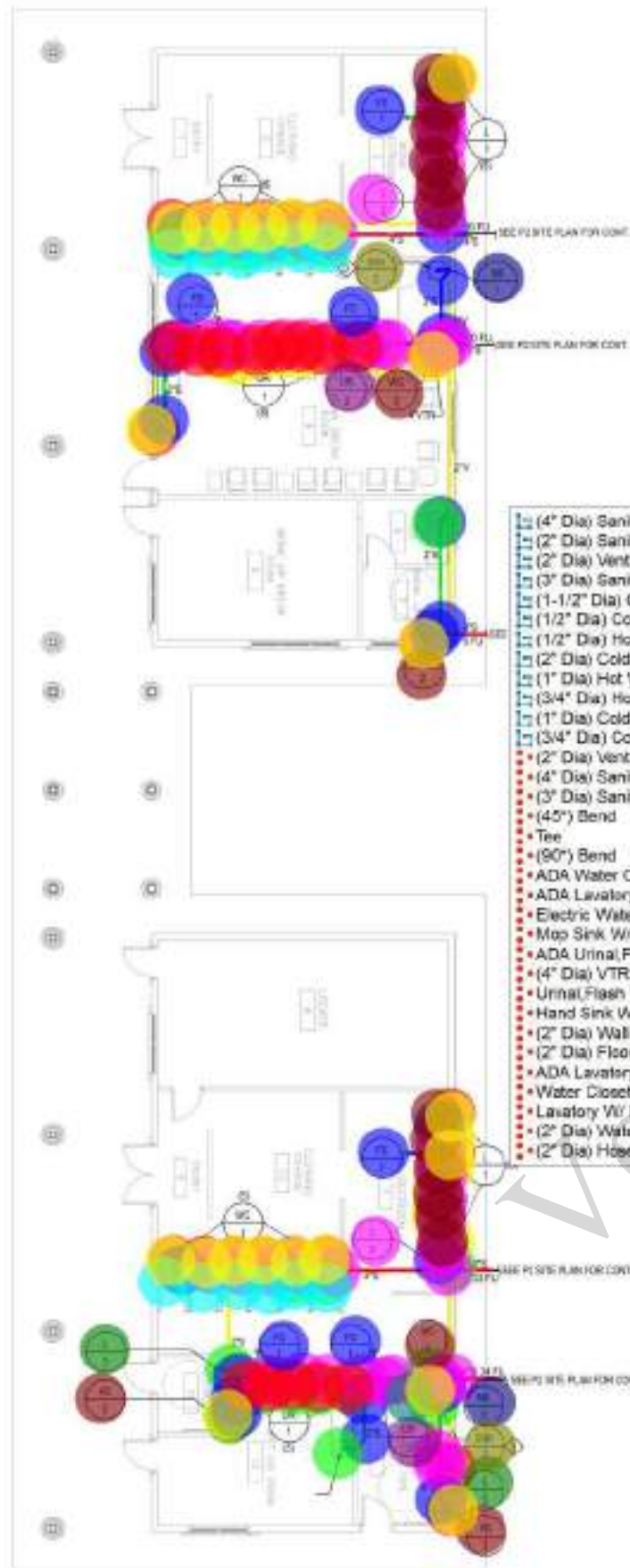
DATE: 09/17/24

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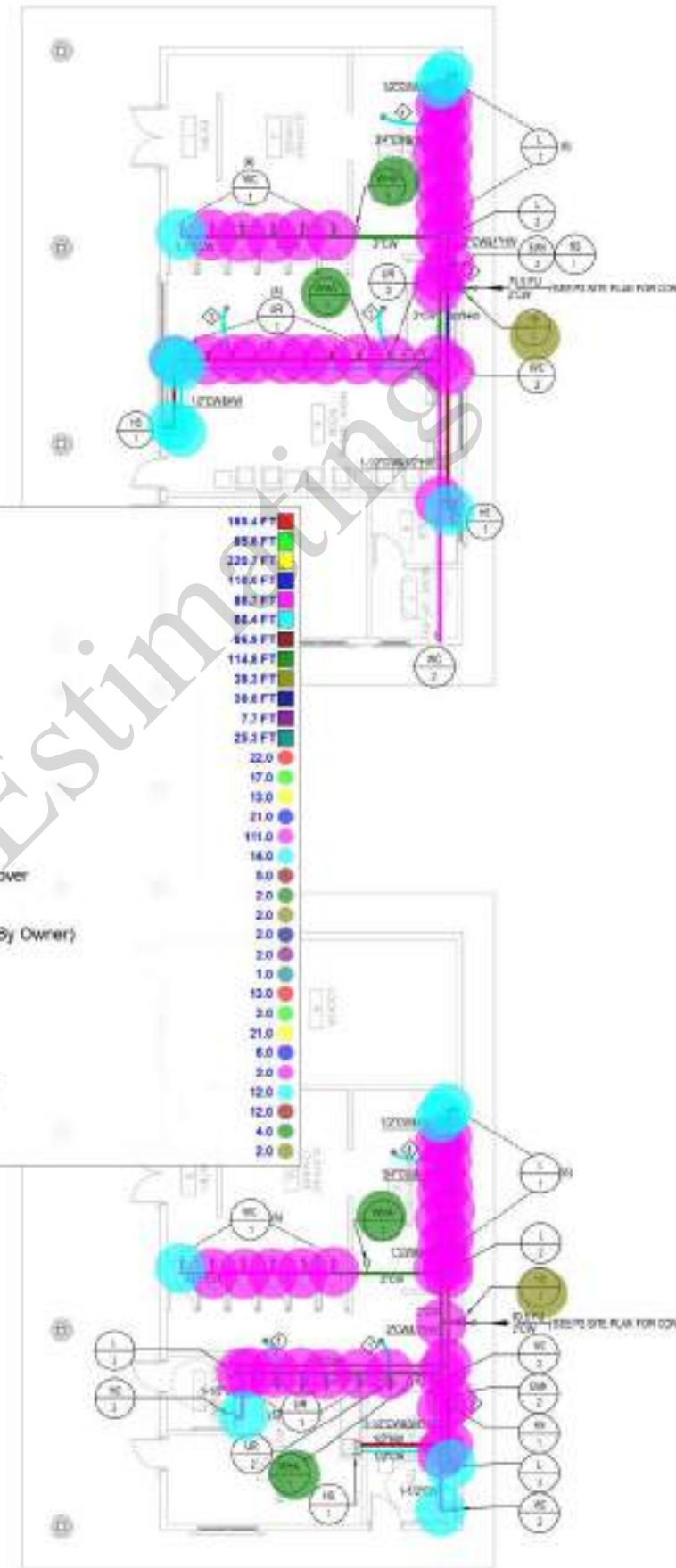
555 N. Diamond Bar Blvd., #304, Diamond Bar, California 91765

Tel: (909) 595-4185, Fax: (909) 595-8180, E-mail: hyc@hycengineering.com





- (4" Dia) Sanitary Pipe
- (2" Dia) Sanitary Pipe
- (2" Dia) Vent Pipe
- (3" Dia) Sanitary Pipe
- (1-1/2" Dia) Cold Water Pipe
- (1/2" Dia) Cold Water Pipe
- (1/2" Dia) Hot Water Pipe
- (2" Dia) Cold Water Pipe
- (1" Dia) Hot Water Pipe
- (3/4" Dia) Hot Water Pipe
- (1" Dia) Cold Water Pipe
- (3/4" Dia) Cold Water Pipe
- (2" Dia) Vent Pipe
- (4" Dia) Sanitary Pipe
- (3" Dia) Sanitary Pipe
- (45°) Bend
- Tee
- (90°) Bend
- ADA Water Closet, Flush Tank, Open Front Seat W/ Less Cover
- ADA Lavatory W/ Self Closing Faucet
- Electric Water Heater (20 GAL)
- Mop Sink W/ Non-Removable Vacuum Breaker & Faucet (By Owner)
- ADA Urinal, Flush Valve
- (4" Dia) VTR
- Urinal, Flush Valve
- Hand Sink W/ Faucet (By Owner)
- (2" Dia) Wall Cleanout
- (2" Dia) Floor Drain W/ Trap Primer
- ADA Lavatory W/ Faucet
- Water Closet, Flush Tank, Open Front Seat W/ Less Cover
- Lavatory W/ Faucet
- (2" Dia) Water Hammer Arrestor
- (1/2" Dia) Hose Bibb W/ Non-Removable Vacuum Breaker



NOTES

- PROVIDE 1" CUP TO TRAP PRIMER
- VERIFY ROUTE 1/2" CUP ON TO MOP SINK & 1" CUP ON TO DRY
- 2" TRAP VALVE DRAIN TO MOP SINK WITH 2" AIR GAP ABOVE FLOOD RM

FIXTURE UNIT SCHEDULE (MAN'S RESTROOM)

SYMBOL	FIXTURE TYPE	QTY	EACH	TOTAL	EACH	TOTAL
WC 1	WATER CLOSET	11	25	40.5	4	85
LA 1	LAVATORY	10	1	10	1	10
UR 1	URINAL	15	4	60	2	30
HS 1	HAND SINK	3	1	3	1	3
MS 1	MOP SINK	2	2	4	3	6
FD 1	FLOOR DRAIN	6	-	-	2	12
HE 1	HOT WATER HEATER	2	25.1	50	-	-
EW 1	ELECTRIC WATER HEATER	2	-	-	-	-
TOTAL				110.5		126



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PLUMBING FLOOR PLAN (MEN'S RESTROOM)

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PLUMBING FLOOR PLAN (MEN'S RESTROOM)

DATE: 08/20/24

JOB NO. C22008-5

ISSUE & REVISION

08/23/24 SUBMITTAL

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SHEET NO.

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DRAWN BY: JH

WASTE & VENT FLOOR PLAN (MAN'S RESTROOM)

SCALE: 1/8"=1'-0"



WASTE & VENT FLOOR PLAN (MAN'S RESTROOM)

SCALE: 1/8"=1'-0"



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