

PRICE PROPOSAL

5 Storey 78 Unit Apartment Building

CONTRACTOR NAME:

DATE:

September 18, 2022

No.	Description	Special notes from Bidder	Material	Labor	Line Subtotal
1.0	General Conditions		\$ 144,462	\$ 103,531	\$ 247,993
2.0	Existing Conditions/ Demolition		\$ 2,812	\$ 844	\$ 3,655
	Walls		\$ 784,639	\$ 1,187,510	\$ 1,972,150
8.0	Openings		\$ 143,156	\$ 37,083	\$ 180,239
9.0	Finishes		\$ 646,100	\$ 470,885	\$ 1,116,985
	Subtotal		\$ 1,721,169	\$ 1,799,853	\$ 3,521,023
	Insurance	10%	\$ 172,117	\$ 179,985	\$ 352,102
	Overhead & Profit	20%	\$ 344,234	\$ 359,971	\$ 704,205
	TOTAL BASE BID		\$ 2,237,520	\$ 2,339,809	\$ 4,577,330

38	A-100	A-600,601	Mud Plaster	138	LBS																	
	A-100	A-600,601	Int. Studs Wall Type "B 0.3" As; OHR Furring Wall (302 LF) (14.5' H)																			
39	A-100	A-600,601	(12' L) 3-5/8" Top & Bottom Runners (51 EA)	604	LF	0%	604		\$	785.20		\$	639.03	\$	1,424							
40	A-100	A-600,601	3-5/8" L.G Steel Studs Framing @ 16" O.C (227 EA, 4379 SF)	3292	LF	0%	3,292		\$	4,279.60		\$	3,482.94	\$	7,763							
41	A-100	A-600,601	Sealants	1208	LF	0%	1,208		\$	362.40		\$	1,821.66	\$	2,184							
42	A-100	A-600,601	(3-5/8")Sound Batt Insulation	4379	SF	0%	4,379		\$	8,188.73		\$	1,624.61	\$	9,813							
43	A-100	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (177 EA)	8468	SF	0%	8,468		\$	6,096.96		\$	16,652.75	\$	22,750							
44	A-100	A-600,601	No. Of Sheets	176	EA																	
45	A-100	A-600,601	Adhesive	263	TUBES																	
46	A-100	A-600,601	Tapping	4	ROLLS																	
47	A-100	A-600,601	Drywalls Screws	30	LBS																	
48	A-100	A-600,601	Mud Plaster	4488	LBS																	
49	A-100	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	290	SF	0%	290		\$	142.10		\$	570.30	\$	712							
50	A-100	A-600,601	No. Of Sheets	6	EA																	
51	A-100	A-600,601	Adhesive	9	TUBES																	
52	A-100	A-600,601	Tapping	0	ROLLS																	
53	A-100	A-600,601	Drywalls Screws	1	LBS																	
54	A-100	A-600,601	Mud Plaster	154	LBS																	
	A-100	A-600,601	Int. Studs Wall Type "G 0.1" As; OHR Furring Wall (25 LF) (14.5' H)																			
55	A-100	A-600,601	(12' L) 2x3-1/2" Top & Bottom Plates (5 EA)	50	LF	0%	50		\$	41.50		\$	52.90	\$	94							
56	A-100	A-600,601	2x3-1/2" Wood Studs Framing @ 16" O.C (19 EA, 362.5 SF)	276	LF	0%	276		\$	229.08		\$	292.01	\$	521							
57	A-100	A-600,601	Sealants	50	LF	0%	50		\$	15.00		\$	75.40	\$	90							
58	A-100	A-600,601	Sound Batt Insulation	362.5	SF	0%	363		\$	373.38		\$	134.87	\$	508							
59	A-100	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (8 EA)	362.5	SF	0%	363		\$	261.00		\$	712.87	\$	974							
60	A-100	A-600,601	No. Of Sheets	8	EA																	
61	A-100	A-600,601	Adhesive	11	TUBES																	
62	A-100	A-600,601	Tapping	0	ROLLS																	
63	A-100	A-600,601	Drywalls Screws	1	LBS																	
64	A-100	A-600,601	Mud Plaster	192	LBS																	
	A-100	A-600,601	Int. Studs Wall Type "G 0.2" As; OHR Furring Wall (16 LF) (14.5' H)																			
65	A-100	A-600,601	(12' L) 3-5/8" Top & Bottom Runners (3 EA)	32	LF	0%	32		\$	41.60		\$	33.86	\$	75							
66	A-100	A-600,601	3-5/8" L.G Steel Studs Framing @ 16" O.C (13 EA, 232 SF)	189	LF	0%	189		\$	245.70		\$	199.96	\$	446							
67	A-100	A-600,601	Sealants	32	LF	0%	32		\$	9.60		\$	48.26	\$	58							
68	A-100	A-600,601	Sound Batt Insulation	232	SF	0%	232		\$	238.96		\$	86.32	\$	325							
69	A-100	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (5 EA)	232	SF	0%	232		\$	167.04		\$	456.24	\$	623							
70	A-100	A-600,601	No. Of Sheets	5	EA																	
71	A-100	A-600,601	Adhesive	7	TUBES																	
72	A-100	A-600,601	Tapping	0	ROLLS																	
73	A-100	A-600,601	Drywalls Screws	1	LBS																	
74	A-100	A-600,601	Mud Plaster	123	LBS																	
	A-100	A-600,601	Int. Studs Wall Type "MM 0.4" As; 2HR Masonary W/ Metal Studs Wall (50 LF) (14.5' H)																			
75	A-100	A-600,601	(12' L) 1-1/2" Top & Bottom Runners (9 EA)	100	LF	0%	100		\$	60.00		\$	105.80	\$	166							
76	A-100	A-600,601	1-1/2" L.G Steel Studs Framing @ 16" O.C (38 EA, 725 SF)	551	LF	0%	551		\$	330.60		\$	582.96	\$	914							
77	A-100	A-600,601	Sealants	100	LF	0%	100		\$	30.00		\$	150.80	\$	181							
78	A-100	A-600,601	R-13 Fiberglass Batt Insulation	725	SF	0%	725		\$	942.50		\$	269.74	\$	1,212							
79	A-100	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (16 EA)	725	SF	0%	725		\$	522.00		\$	1,425.75	\$	1,948							
80	A-100	A-600,601	No. Of Sheets	15	EA																	
81	A-100	A-600,601	Adhesive	22	TUBES																	
82	A-100	A-600,601	Tapping	0	ROLLS																	
83	A-100	A-600,601	Drywalls Screws	3	LBS																	
84	A-100	A-600,601	Mud Plaster	384	LBS																	
	A-100	A-600,601	Int. Studs Wall Type "B 0.2" As; OHR Light Guage Metal Studs Wall (317 LF) (14.5' H)																			
85	A-100	A-600,601	(12' L) 6" Top & Bottom Runners (53 EA)	634	LF	0%	634		\$	855.90		\$	670.77	\$	1,527							
86	A-100	A-600,601	6" L.G Steel Studs Framing @ 16" O.C (238 EA, 4596.5 SF)	3451	LF	0%	3,451		\$	4,658.85		\$	3,651.16	\$	8,310							

87	A-100	A-600,601	Sealants	1268	LF	0%	1,268		\$ 380.40		\$ 1,912.14	\$ 2,293
88	A-100	A-600,601	(6") Sound Batt Insulation	4596.5	SF	0%	4,597		\$ 5,975.45		\$ 1,710.13	\$ 7,686
89	A-100	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (189 EA)	9033.5	SF	0%	9,034		\$ 6,504.12		\$ 17,764.83	\$ 24,269
90	A-100	A-600,601	No. Of Sheets	188	EA							
91	A-100	A-600,601	Adhesive	280	TUBES							
92	A-100	A-600,601	Tapping	5	ROLLS							
93	A-100	A-600,601	Drywalls Screws	32	LBS							
94	A-100	A-600,601	Mud Plaster	4788	LBS							
95	A-100	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	159.5	SF	0%	160		\$ 78.16		\$ 313.66	\$ 392
96	A-100	A-600,601	No. Of Sheets	3	EA							
97	A-100	A-600,601	Adhesive	5	TUBES							
98	A-100	A-600,601	Tapping	0	ROLLS							
99	A-100	A-600,601	Drywalls Screws	1	LBS							
100	A-100	A-600,601	Mud Plaster	85	LBS							
	A-100	A-600,601	Int. Studs Wall Type "F 0.2" As; 1HR Demising Wall (400 LF) (14.5' H)									
101	A-100	A-600,601	(12' L) 2x6" Top & Bottom Plates (100 EA)	1200	LF	0%	1,200		\$ 1,104.00		\$ 1,269.60	\$ 2,374
102	A-100	A-600,601	2x6" Wood Studs Framing @ 16" O.C (301 EA, 5800 SF)	4365	LF	0%	4,365		\$ 4,015.80		\$ 4,618.17	\$ 8,634
103	A-100	A-600,601	1/2" Resilient Channels @ 24" O.C (8 EA)	3200	LF	0%	3,200		\$ 2,880.00		\$ 3,385.60	\$ 6,266
104	A-100	A-600,601	Sealants	3200	LF	0%	3,200		\$ 960.00		\$ 4,825.60	\$ 5,786
105	A-100	A-600,601	(6") Sound Batt Insulation	5800	SF	0%	5,800		\$ 7,540.00		\$ 2,157.89	\$ 9,698
106	A-100	A-600,601	(4x12x1/2") Plywood Sheathing Board (O/S) (121 EA)	5800	SF	0%	5,800		\$ 13,920.00		\$ 4,698.00	\$ 18,618
107	A-100	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (210 EA)	10034	SF	0%	10,034		\$ 7,224.48		\$ 19,732.36	\$ 26,957
108	A-100	A-600,601	No. Of Sheets	209	EA							
109	A-100	A-600,601	Adhesive	311	TUBES							
110	A-100	A-600,601	Tapping	5	ROLLS							
111	A-100	A-600,601	Drywalls Screws	36	LBS							
112	A-100	A-600,601	Mud Plaster	5318	LBS							
113	A-100	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	1566	SF	0%	1,566		\$ 767.34		\$ 3,079.62	\$ 3,847
114	A-100	A-600,601	No. Of Sheets	33	EA							
115	A-100	A-600,601	Adhesive	49	TUBES							
116	A-100	A-600,601	Tapping	1	ROLLS							
117	A-100	A-600,601	Drywalls Screws	6	LBS							
118	A-100	A-600,601	Mud Plaster	830	LBS							
119	A-100	A-600,601	(4x12x1/2") F.R Gypsum Wall Board (B/S) (121 EA)	5800	SF	0%	5,800		\$ 5,220.00		\$ 11,405.99	\$ 16,626
120	A-100	A-600,601	No. Of Sheets	121	EA							
121	A-100	A-600,601	Adhesive	180	TUBES							
122	A-100	A-600,601	Tapping	3	ROLLS							
123	A-100	A-600,601	Drywalls Screws	21	LBS							
124	A-100	A-600,601	Mud Plaster	3074	LBS							
	A-100	A-600,601	Int. Studs Wall Type "MM 0.3" As; 2HR Masonary W/ Metal Studs Wall (57 LF) (14.5' H)									
125	A-100	A-600,601	(12' L) 1-1/2" Top & Bottom Runners (10 EA)	114	LF	0%	114		\$ 68.40		\$ 120.61	\$ 189
126	A-100	A-600,601	1-1/2" L.G Steel Studs Framing @ 16" O.C (43 EA, 826.5 SF)	624	LF	0%	624		\$ 374.40		\$ 660.19	\$ 1,035
127	A-100	A-600,601	Sealants	114	LF	0%	114		\$ 34.20		\$ 171.91	\$ 206
128	A-100	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (18 EA)	826.5	SF	0%	827		\$ 595.08		\$ 1,625.35	\$ 2,220
129	A-100	A-600,601	No. Of Sheets	17	EA							
130	A-100	A-600,601	Adhesive	26	TUBES							
131	A-100	A-600,601	Tapping	0	ROLLS							
132	A-100	A-600,601	Drywalls Screws	3	LBS							
133	A-100	A-600,601	Mud Plaster	438	LBS							
	A-100	A-600,601	Int. Studs Wall Type "Trash Room Wall" As; 2-HR Shaft Wall									
134	A-100	A-600,601	(12' L) 20MSG Galv. 4"C-H Shaped Steel Top & Bottom Runners	34	LF	0%	34		\$ 45.90		\$ 35.97	\$ 82
135	A-100	A-600,601	20MSG Galv. 4"C-H Shaped Steel Studs @ 24" O.C	126	LF	0%	126		\$ 170.10		\$ 133.31	\$ 303
136	A-100	A-600,601	Sealants	102	LF	0%	102		\$ 30.60		\$ 153.82	\$ 184
137	A-100	A-600,601	(2)(4x12x5/8") F.R Gypsum Wall Board (O/S)	476	SF	0%	476		\$ 342.72		\$ 936.08	\$ 1,279
138	A-100	A-600,601	No. Of Sheets	10	EA							

192	A-101	A-600,601	Tapping	0	ROLLS								
193	A-101	A-600,601	Drywalls Screws	1	LBS								
194	A-101	A-600,601	Mud Plaster	121	LBS								
	A-101	A-600,601	Int. Studs Wall Type "A 0.3" As; OHR Wood Studs Wall (193 LF) (10.9' H)										
195	A-101	A-600,601	(12' L) 2x6" Top & Bottom Plates (49 EA)	579	LF	0%	579		\$ 532.68		\$ 612.58	\$ 1,145	
196	A-101	A-600,601	2x6" Wood Studs Framing @ 16" O.C (145 EA, 2103.7 SF)	1581	LF	0%	1,581		\$ 1,454.52		\$ 1,672.70	\$ 3,127	
197	A-101	A-600,601	Sealants	772	LF	0%	772		\$ 231.60		\$ 1,164.18	\$ 1,396	
198	A-101	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (84 EA)	4011.2	SF	0%	4,011		\$ 2,888.06		\$ 7,888.23	\$ 10,776	
199	A-101	A-600,601	No. Of Sheets	84	EA								
200	A-101	A-600,601	Adhesive	124	TUBES								
201	A-101	A-600,601	Tapping	2	ROLLS								
202	A-101	A-600,601	Drywalls Screws	14	LBS								
203	A-101	A-600,601	Mud Plaster	2126	LBS								
204	A-101	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	196.2	SF	0%	196		\$ 96.14		\$ 385.84	\$ 482	
205	A-101	A-600,601	No. Of Sheets	4	EA								
206	A-101	A-600,601	Adhesive	6	TUBES								
207	A-101	A-600,601	Tapping	0	ROLLS								
208	A-101	A-600,601	Drywalls Screws	1	LBS								
209	A-101	A-600,601	Mud Plaster	104	LBS								
	A-101	A-600,601	Int. Studs Wall Type "A 0.2" As; OHR Wood Studs Wall (1488 LF) (10.9' H)										
210	A-101	A-600,601	(12' L) 2x4" Top & Bottom Plates (372 EA)	4464	LF	0%	4,464		\$ 3,705.12		\$ 4,722.91	\$ 8,428	
211	A-101	A-600,601	2x4" Wood Studs Framing @ 16" O.C (1117 EA, 16219.2 SF)	12176	LF	0%	12,176		\$ 10,106.08		\$ 12,882.21	\$ 22,988	
212	A-101	A-600,601	Sealants	5952	LF	0%	5,952		\$ 4,940.16		\$ 8,975.62	\$ 13,916	
213	A-101	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (655 EA)	31413.8	SF	0%	31,414		\$ 22,617.94		\$ 61,776.81	\$ 84,395	
214	A-101	A-600,601	No. Of Sheets	654	EA								
215	A-101	A-600,601	Adhesive	974	TUBES								
216	A-101	A-600,601	Tapping	16	ROLLS								
217	A-101	A-600,601	Drywalls Screws	112	LBS								
218	A-101	A-600,601	Mud Plaster	16649	LBS								
219	A-101	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	1024.6	SF	0%	1,025		\$ 502.05		\$ 2,014.93	\$ 2,517	
220	A-101	A-600,601	No. Of Sheets	21	EA								
221	A-101	A-600,601	Adhesive	32	TUBES								
222	A-101	A-600,601	Tapping	1	ROLLS								
223	A-101	A-600,601	Drywalls Screws	4	LBS								
224	A-101	A-600,601	Mud Plaster	543	LBS								
	A-101	A-600,601	Int. Studs Wall Type "F 0.1" As; 1HR Demising Wall (1025 LF) (10.9' H)										
225	A-101	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (257 EA)	3075	LF	0%	3,075		\$ 2,829.00		\$ 3,253.35	\$ 6,082	
226	A-101	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (769 EA, 11172.5 SF)	8383	LF	0%	8,383		\$ 7,712.36		\$ 8,869.21	\$ 16,582	
227	A-101	A-600,601	1/2" Resilient Channels @ 24" O.C (6 EA)	6150	LF	0%	6,150		\$ 5,535.00		\$ 6,506.70	\$ 12,042	
228	A-101	A-600,601	Sealants	8200	LF	0%	8,200		\$ 2,460.00		\$ 12,365.60	\$ 14,826	
229	A-101	A-600,601	(5-1/2") Sound Batt Insulation	11172.5	SF	0%	11,173		\$ 14,524.25		\$ 4,156.73	\$ 18,681	
230	A-101	A-600,601	(4x12x1/2") Plywood Sheathing Board (O/S) (233 EA)	11172.5	SF	0%	11,173		\$ 26,814.00		\$ 9,049.73	\$ 35,864	
231	A-101	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (421 EA)	20165	SF	0%	20,165		\$ 14,518.80		\$ 39,655.48	\$ 54,174	
232	A-101	A-600,601	No. Of Sheets	420	EA								
233	A-101	A-600,601	Adhesive	625	TUBES								
234	A-101	A-600,601	Tapping	10	ROLLS								
235	A-101	A-600,601	Drywalls Screws	72	LBS								
236	A-101	A-600,601	Mud Plaster	10687	LBS								
237	A-101	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	2180	SF	0%	2,180		\$ 1,068.20		\$ 4,287.08	\$ 5,355	
238	A-101	A-600,601	No. Of Sheets	45	EA								
239	A-101	A-600,601	Adhesive	68	TUBES								
240	A-101	A-600,601	Tapping	1	ROLLS								
241	A-101	A-600,601	Drywalls Screws	8	LBS								
242	A-101	A-600,601	Mud Plaster	1155	LBS								
243	A-101	A-600,601	(4x12x1/2") F.R Gypsum Wall Board (B/S) (233 EA)	11172.5	SF	0%	11,173		\$ 10,055.25		\$ 21,971.28	\$ 32,027	
244	A-101	A-600,601	No. Of Sheets	233	EA								

245	A-101	A-600,601	Adhesive	346	TUBES								
246	A-101	A-600,601	Tapping	6	ROLLS								
247	A-101	A-600,601	Drywalls Screws	40	LBS								
248	A-101	A-600,601	Mud Plaster	5921	LBS								
	A-101	A-600,601	Int. Studs Wall Type "G 0.1" As; OHR Furring Wall (67 LF) (10.9' H)										
249	A-101	A-600,601	(12' L) 2x3-1/2" Top & Bottom Plates (12 EA)	134	LF	0%	134		\$ 111.22		\$ 141.77	\$ 253	
250	A-101	A-600,601	2x3-1/2" Wood Studs Framing @ 16" O.C (51 EA, 730.3 SF)	556	LF	0%	556		\$ 461.48		\$ 588.25	\$ 1,050	
251	A-101	A-600,601	Sealants	134	LF	0%	134		\$ 40.20		\$ 202.07	\$ 242	
252	A-101	A-600,601	Sound Batt Insulation	730.3	SF	0%	730		\$ 752.21		\$ 271.71	\$ 1,024	
253	A-101	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (16 EA)	730.3	SF	0%	730		\$ 525.82		\$ 1,436.17	\$ 1,962	
254	A-101	A-600,601	No. Of Sheets	15	EA								
255	A-101	A-600,601	Adhesive	23	TUBES								
256	A-101	A-600,601	Tapping	0	ROLLS								
257	A-101	A-600,601	Drywalls Screws	3	LBS								
258	A-101	A-600,601	Mud Plaster	387	LBS								
	A-101	A-600,601	Int. Studs Wall Type "J.01" As; 2-HR Shaft Wall (20 LF) (10.9' H)										
259	A-101	A-600,601	(12' L) 20MSG Galv. 4"C-H Shaped Steel Top & Bottom Runners (4 EA)	40	LF	0%	40		\$ 54.00		\$ 42.32	\$ 96	
260	A-101	A-600,601	20MSG Galv. 4"C-H Shaped Steel Studs @ 24" O.C (10 EA, 218 SF)	109	LF	0%	109		\$ 147.15		\$ 115.32	\$ 262	
261	A-101	A-600,601	Sealants	120	LF	0%	120		\$ 36.00		\$ 180.96	\$ 217	
262	A-101	A-600,601	(2)(4x12x5/8") F.R Gypsum Wall Board (O/S) (10 EA)	436	SF	0%	436		\$ 313.92		\$ 857.42	\$ 1,171	
263	A-101	A-600,601	No. Of Sheets	9	EA								
264	A-101	A-600,601	Adhesive	14	TUBES								
265	A-101	A-600,601	Tapping	0	ROLLS								
266	A-101	A-600,601	Drywalls Screws	2	LBS								
267	A-101	A-600,601	Mud Plaster	231	LBS								
	A-101	A-600,601	Int. Studs Wall Type "MM 0.2" As; 2HR Masonary W/ Wood Studs Wall (154 LF) (10.9' H)										
268	A-101	A-600,601	(12' L) 2x1-1/2" Top & Bottom Plates (26 EA)	308	LF	0%	308		\$ 221.76		\$ 325.86	\$ 548	
269	A-101	A-600,601	2x1-1/2" Wood Studs Framing @ 16" O.C (116 EA, 1678.6 SF)	1265	LF	0%	1,265		\$ 910.80		\$ 1,338.37	\$ 2,249	
270	A-101	A-600,601	Sealants	308	LF	0%	308		\$ 92.40		\$ 464.46	\$ 557	
271	A-101	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (35 EA)	1678.6	SF	0%	1,679		\$ 1,208.59		\$ 3,301.05	\$ 4,510	
272	A-101	A-600,601	No. Of Sheets	35	EA								
273	A-101	A-600,601	Adhesive	52	TUBES								
274	A-101	A-600,601	Tapping	1	ROLLS								
275	A-101	A-600,601	Drywalls Screws	6	LBS								
276	A-101	A-600,601	Mud Plaster	890	LBS								
	A-102	A-600,601	Third Floor Plan										
	A-102	A-600,601	Int. Studs Wall Type "A 0.4" As; Knee Wall (55 LF) (3.5' H)										
277	A-102	A-600,601	(12' L) 2x6" Top & Bottom Plates (14 EA)	165	LF	0%	165		\$ 151.80		\$ 174.57	\$ 326	
278	A-102	A-600,601	2x6" Wood Studs Framing @ 16" O.C (42 EA, 192.5 SF)	147	LF	0%	147		\$ 135.24		\$ 155.53	\$ 291	
279	A-102	A-600,601	Sealants	220	LF	0%	220		\$ 66.00		\$ 331.76	\$ 398	
280	A-102	A-600,601	(4x12x5/8") Gypsum Wall Board (B/S) (9 EA)	385	SF	0%	385		\$ 173.25		\$ 757.12	\$ 930	
281	A-102	A-600,601	No. Of Sheets	8	EA								
282	A-102	A-600,601	Adhesive	12	TUBES								
283	A-102	A-600,601	Tapping	0	ROLLS								
284	A-102	A-600,601	Drywalls Screws	1	LBS								
285	A-102	A-600,601	Mud Plaster	204	LBS								
	A-102	A-600,601	Ext. Studs Wall Type "CC 0.1" As; 1HR Wood Studs Wall (239 LF) (10.9' H)										
286	A-102	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (60 EA)	717	LF	0%	717		\$ 659.64		\$ 758.59	\$ 1,418	
287	A-102	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (180 EA, 2605.1 SF)	1962	LF	0%	1,962		\$ 1,805.04		\$ 2,075.80	\$ 3,881	
288	A-102	A-600,601	Sealants	478	LF	0%	478		\$ 143.40		\$ 720.82	\$ 864	
289	A-102	A-600,601	TYVEK Commercial Wrap Water Resistive Barrier	2605.1	SF	0%	2,605		\$ 781.53		\$ 2,605.10	\$ 3,387	
290	A-102	A-600,601	R-20 Fiberglass Batt Insulation	2605.1	SF	0%	2,605		\$ 3,386.63		\$ 969.23	\$ 4,356	
291	A-102	A-600,601	(4x12x5/8") OSB Sheathing Board (O/S) (55 EA)	2605.1	SF	0%	2,605		\$ 4,689.18		\$ 3,870.70	\$ 8,560	
292	A-102	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (52 EA)	2463.4	SF	0%	2,463		\$ 1,773.65		\$ 4,844.40	\$ 6,618	

293	A-102	A-600,601	No. Of Sheets	51	EA							
294	A-102	A-600,601	Adhesive	76	TUBES							
295	A-102	A-600,601	Tapping	1	ROLLS							
296	A-102	A-600,601	Drywalls Screws	9	LBS							
297	A-102	A-600,601	Mud Plaster	1306	LBS							
298	A-102	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	141.7	SF	0%	142		\$ 69.43		\$ 278.66	\$ 348
299	A-102	A-600,601	No. Of Sheets	3	EA							
300	A-102	A-600,601	Adhesive	4	TUBES							
301	A-102	A-600,601	Tapping	0	ROLLS							
302	A-102	A-600,601	Drywalls Screws	1	LBS							
303	A-102	A-600,601	Mud Plaster	75	LBS							
	A-102	A-600,601	Ext. Studs Wall Type "CC 0.2" As; 1HR Wood Studs Wall (540 LF) (10.9' H)									
304	A-102	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (135 EA)	1620	LF	0%	1,620		\$ 1,490.40		\$ 1,713.96	\$ 3,204
305	A-102	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (406 EA, 5886 SF)	4426	LF	0%	4,426		\$ 4,071.92		\$ 4,682.71	\$ 8,755
306	A-102	A-600,601	3/4" PT Furring Strips @ 16" O.C (6 EA, 0 SF)	3240	LF	0%	3,240		\$ 1,944.00		\$ 3,427.92	\$ 5,372
307	A-102	A-600,601	Sealants	1080	LF	0%	1,080		\$ 324.00		\$ 1,628.64	\$ 1,953
308	A-102	A-600,601	TYVEK Commercial Wrap Water Resistive Barrier	5886	SF	0%	5,886		\$ 1,765.80		\$ 5,886.00	\$ 7,652
309	A-102	A-600,601	(5-1/2") R-20 Fiberglass Batt Insulation	5886	SF	0%	5,886		\$ 7,651.80		\$ 2,189.89	\$ 9,842
310	A-102	A-600,601	(4x12x5/8") OSB Sheathing Board (O/S) (123 EA)	5886	SF	0%	5,886		\$ 10,594.80		\$ 8,745.51	\$ 19,340
311	A-102	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (119 EA)	5689.8	SF	0%	5,690		\$ 4,096.66		\$ 11,189.28	\$ 15,286
312	A-102	A-600,601	No. Of Sheets	119	EA							
313	A-102	A-600,601	Adhesive	176	TUBES							
314	A-102	A-600,601	Tapping	3	ROLLS							
315	A-102	A-600,601	Drywalls Screws	20	LBS							
316	A-102	A-600,601	Mud Plaster	3016	LBS							
317	A-102	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	196.2	SF	0%	196		\$ 96.14		\$ 385.84	\$ 482
318	A-102	A-600,601	No. Of Sheets	4	EA							
319	A-102	A-600,601	Adhesive	6	TUBES							
320	A-102	A-600,601	Tapping	0	ROLLS							
321	A-102	A-600,601	Drywalls Screws	1	LBS							
322	A-102	A-600,601	Mud Plaster	104	LBS							
	A-102	A-600,601	Int. Studs Wall Type "A 0.3" As; OHR Wood Studs Wall (183 LF) (10.9' H)									
323	A-102	A-600,601	(12' L) 2x6" Top & Bottom Plates (46 EA)	549	LF	0%	549		\$ 505.08		\$ 580.84	\$ 1,086
324	A-102	A-600,601	2x6" Wood Studs Framing @ 16" O.C (138 EA, 1994.7 SF)	1505	LF	0%	1,505		\$ 1,384.60		\$ 1,592.29	\$ 2,977
325	A-102	A-600,601	Sealants	732	LF	0%	732		\$ 219.60		\$ 1,103.86	\$ 1,323
326	A-102	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (80 EA)	3793.2	SF	0%	3,793		\$ 2,731.10		\$ 7,459.52	\$ 10,191
327	A-102	A-600,601	No. Of Sheets	79	EA							
328	A-102	A-600,601	Adhesive	118	TUBES							
329	A-102	A-600,601	Tapping	2	ROLLS							
330	A-102	A-600,601	Drywalls Screws	14	LBS							
331	A-102	A-600,601	Mud Plaster	2010	LBS							
332	A-102	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	196.2	SF	0%	196		\$ 96.14		\$ 385.84	\$ 482
333	A-102	A-600,601	No. Of Sheets	4	EA							
334	A-102	A-600,601	Adhesive	6	TUBES							
335	A-102	A-600,601	Tapping	0	ROLLS							
336	A-102	A-600,601	Drywalls Screws	1	LBS							
337	A-102	A-600,601	Mud Plaster	104	LBS							
	A-102	A-600,601	Int. Studs Wall Type "A 0.2" As; OHR Wood Studs Wall (1430 LF) (10.9' H)									
338	A-102	A-600,601	(12' L) 2x4" Top & Bottom Plates (358 EA)	4290	LF	0%	4,290		\$ 3,560.70		\$ 4,538.82	\$ 8,100
339	A-102	A-600,601	2x4" Wood Studs Framing @ 16" O.C (1073 EA, 15587 SF)	11696	LF	0%	11,696		\$ 9,707.68		\$ 12,374.37	\$ 22,082
340	A-102	A-600,601	Sealants	5720	LF	0%	5,720		\$ 1,716.00		\$ 8,625.76	\$ 10,342
341	A-102	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (630 EA)	30203.9	SF	0%	30,204		\$ 21,746.81		\$ 59,397.48	\$ 81,144
342	A-102	A-600,601	No. Of Sheets	629	EA							
343	A-102	A-600,601	Adhesive	936	TUBES							
344	A-102	A-600,601	Tapping	15	ROLLS							
345	A-102	A-600,601	Drywalls Screws	108	LBS							

396	A-102	A-600,601	(12' L) 2x1-1/2" Top & Bottom Plates (27 EA)	318	LF	0%	318		\$ 228.96		\$ 336.44	\$ 565
397	A-102	A-600,601	2x1-1/2" Wood Studs Framing @ 16" O.C (120 EA, 1733.1 SF)	1308	LF	0%	1,308		\$ 941.76		\$ 1,383.86	\$ 2,326
398	A-102	A-600,601	Sealants	318	LF	0%	318		\$ 95.40		\$ 479.54	\$ 575
399	A-102	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (37 EA)	1733.1	SF	0%	1,733		\$ 1,247.83		\$ 3,408.23	\$ 4,656
400	A-102	A-600,601	No. Of Sheets	36	EA							
401	A-102	A-600,601	Adhesive	54	TUBES							
402	A-102	A-600,601	Tapping	1	ROLLS							
403	A-102	A-600,601	Drywalls Screws	6	LBS							
404	A-102	A-600,601	Mud Plaster	919	LBS							
	A-103	A-600,601	Fourth Floor Plan									
	A-103	A-600,601	Int. Studs Wall Type "A 0.4" As; Knee Wall (55 LF) (3.5' H)									
405	A-103	A-600,601	(12' L) 2x6" Top & Bottom Plates (14 EA)	165	LF	0%	165		\$ 151.80		\$ 174.57	\$ 326
406	A-103	A-600,601	2x6" Wood Studs Framing @ 16" O.C (42 EA, 192.5 SF)	147	LF	0%	147		\$ 135.24		\$ 155.53	\$ 291
407	A-103	A-600,601	Sealants	220	LF	0%	220		\$ 66.00		\$ 331.76	\$ 398
408	A-103	A-600,601	(4x12x5/8") Gypsum Wall Board (B/S) (9 EA)	385	SF	0%	385		\$ 173.25		\$ 757.12	\$ 930
409	A-103	A-600,601	No. Of Sheets	8	EA							
410	A-103	A-600,601	Adhesive	12	TUBES							
411	A-103	A-600,601	Tapping	0	ROLLS							
412	A-103	A-600,601	Drywalls Screws	1	LBS							
413	A-103	A-600,601	Mud Plaster	204	LBS							
	A-103	A-600,601	Ext. Studs Wall Type "CC 0.1" As; 1HR Wood Studs Wall (240 LF) (10.9' H)									
414	A-103	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (60 EA)	720	LF	0%	720		\$ 662.40		\$ 761.76	\$ 1,424
415	A-103	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (181 EA, 2616 SF)	1973	LF	0%	1,973		\$ 1,815.16		\$ 2,087.43	\$ 3,903
416	A-103	A-600,601	Sealants	480	LF	0%	480		\$ 144.00		\$ 723.84	\$ 868
417	A-103	A-600,601	TYVEK Commercial Wrap Water Resistive Barrier	2616	SF	0%	2,616		\$ 784.80		\$ 2,616.00	\$ 3,401
418	A-103	A-600,601	R-20 Fiberglass Batt Insulation	2616	SF	0%	2,616		\$ 3,400.80		\$ 973.28	\$ 4,374
419	A-103	A-600,601	(4x12x5/8") OSB Sheathing Board (O/S) (55 EA)	2616	SF	0%	2,616		\$ 4,708.80		\$ 3,886.89	\$ 8,596
420	A-103	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (54 EA)	2550.6	SF	0%	2,551		\$ 1,836.43		\$ 5,015.88	\$ 6,852
421	A-103	A-600,601	No. Of Sheets	53	EA							
422	A-103	A-600,601	Adhesive	79	TUBES							
423	A-103	A-600,601	Tapping	1	ROLLS							
424	A-103	A-600,601	Drywalls Screws	9	LBS							
425	A-103	A-600,601	Mud Plaster	1352	LBS							
426	A-103	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	65.4	SF	0%	65		\$ 32.05		\$ 128.61	\$ 161
427	A-103	A-600,601	No. Of Sheets	1	EA							
428	A-103	A-600,601	Adhesive	2	TUBES							
429	A-103	A-600,601	Tapping	0	ROLLS							
430	A-103	A-600,601	Drywalls Screws	0	LBS							
431	A-103	A-600,601	Mud Plaster	35	LBS							
	A-103	A-600,601	Ext. Studs Wall Type "CC 0.2" As; 1HR Wood Studs Wall (443 LF) (10.9' H)									
432	A-103	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (111 EA)	1329	LF	0%	1,329		\$ 1,222.68		\$ 1,406.08	\$ 2,629
433	A-103	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (333 EA, 4828.7 SF)	3630	LF	0%	3,630		\$ 3,339.60		\$ 3,840.54	\$ 7,180
434	A-103	A-600,601	3/4" PT Furring Strips @ 16" O.C (6 EA, 0 SF)	2658	LF	0%	2,658		\$ 1,594.80		\$ 2,812.16	\$ 4,407
435	A-103	A-600,601	Sealants	886	LF	0%	886		\$ 265.80		\$ 1,336.09	\$ 1,602
436	A-103	A-600,601	TYVEK Commercial Wrap Water Resistive Barrier	4828.7	SF	0%	4,829		\$ 1,448.61		\$ 4,828.70	\$ 6,277
437	A-103	A-600,601	(5-1/2") R-20 Fiberglass Batt Insulation	4828.7	SF	0%	4,829		\$ 6,277.31		\$ 1,796.52	\$ 8,074
438	A-103	A-600,601	(4x12x5/8") OSB Sheathing Board (O/S) (101 EA)	4828.7	SF	0%	4,829		\$ 8,691.66		\$ 7,174.55	\$ 15,866
439	A-103	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (99 EA)	4708.8	SF	0%	4,709		\$ 3,390.34		\$ 9,260.09	\$ 12,650
440	A-103	A-600,601	No. Of Sheets	98	EA							
441	A-103	A-600,601	Adhesive	146	TUBES							
442	A-103	A-600,601	Tapping	2	ROLLS							
443	A-103	A-600,601	Drywalls Screws	17	LBS							
444	A-103	A-600,601	Mud Plaster	2496	LBS							
445	A-103	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	119.9	SF	0%	120		\$ 58.75		\$ 235.79	\$ 295
446	A-103	A-600,601	No. Of Sheets	2	EA							
447	A-103	A-600,601	Adhesive	4	TUBES							
448	A-103	A-600,601	Tapping	0	ROLLS							

449	A-103	A-600,601	Drywalls Screws	0	LBS								
450	A-103	A-600,601	Mud Plaster	64	LBS								
	A-103	A-600,601	Int. Studs Wall Type "A 0.3" As; OHR Wood Studs Wall (184 LF) (10.9' H)										
451	A-103	A-600,601	(12' L) 2x6" Top & Bottom Plates (46 EA)	552	LF	0%	552		\$ 507.84		\$ 584.02	\$ 1,092	
452	A-103	A-600,601	2x6" Wood Studs Framing @ 16" O.C (139 EA, 2005.6 SF)	1516	LF	0%	1,516		\$ 1,394.72		\$ 1,603.93	\$ 2,999	
453	A-103	A-600,601	Sealants	736	LF	0%	736		\$ 220.80		\$ 1,109.89	\$ 1,331	
454	A-103	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (80 EA)	3815	SF	0%	3,815		\$ 2,746.80		\$ 7,502.39	\$ 10,249	
455	A-103	A-600,601	No. Of Sheets	79	EA								
456	A-103	A-600,601	Adhesive	118	TUBES								
457	A-103	A-600,601	Tapping	2	ROLLS								
458	A-103	A-600,601	Drywalls Screws	14	LBS								
459	A-103	A-600,601	Mud Plaster	2022	LBS								
460	A-103	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	196.2	SF	0%	196		\$ 96.14		\$ 385.84	\$ 482	
461	A-103	A-600,601	No. Of Sheets	4	EA								
462	A-103	A-600,601	Adhesive	6	TUBES								
463	A-103	A-600,601	Tapping	0	ROLLS								
464	A-103	A-600,601	Drywalls Screws	1	LBS								
465	A-103	A-600,601	Mud Plaster	104	LBS								
	A-103	A-600,601	Int. Studs Wall Type "A 0.2" As; OHR Wood Studs Wall (1349 LF) (10.9' H)										
466	A-103	A-600,601	(12' L) 2x4" Top & Bottom Plates (338 EA)	4047	LF	0%	4,047		\$ 3,359.01		\$ 4,281.73	\$ 7,641	
467	A-103	A-600,601	2x4" Wood Studs Framing @ 16" O.C (1013 EA, 14704.1 SF)	11042	LF	0%	11,042		\$ 9,164.86		\$ 11,682.44	\$ 20,847	
468	A-103	A-600,601	Sealants	5396	LF	0%	5,396		\$ 1,618.80		\$ 8,137.17	\$ 9,756	
469	A-103	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (595 EA)	28514.4	SF	0%	28,514		\$ 20,530.37		\$ 56,074.99	\$ 76,605	
470	A-103	A-600,601	No. Of Sheets	594	EA								
471	A-103	A-600,601	Adhesive	884	TUBES								
472	A-103	A-600,601	Tapping	14	ROLLS								
473	A-103	A-600,601	Drywalls Screws	102	LBS								
474	A-103	A-600,601	Mud Plaster	15113	LBS								
475	A-103	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	893.8	SF	0%	894		\$ 437.96		\$ 1,757.70	\$ 2,196	
476	A-103	A-600,601	No. Of Sheets	19	EA								
477	A-103	A-600,601	Adhesive	28	TUBES								
478	A-103	A-600,601	Tapping	0	ROLLS								
479	A-103	A-600,601	Drywalls Screws	3	LBS								
480	A-103	A-600,601	Mud Plaster	474	LBS								
	A-103	A-600,601	Int. Studs Wall Type "F 0.1" As; 1HR Demising Wall (918 LF) (10.9' H)										
481	A-103	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (230 EA)	2754	LF	0%	2,754		\$ 2,533.68		\$ 2,913.73	\$ 5,447	
482	A-103	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (689 EA, 10006.2 SF)	7511	LF	0%	7,511		\$ 6,910.12		\$ 7,946.64	\$ 14,857	
483	A-103	A-600,601	1/2" Resilient Channels @ 24" O.C (6 EA)	5508	LF	0%	5,508		\$ 4,957.20		\$ 5,827.46	\$ 10,785	
484	A-103	A-600,601	Sealants	7344	LF	0%	7,344		\$ 2,203.20		\$ 11,074.75	\$ 13,278	
485	A-103	A-600,601	(5-1/2") Sound Batt Insulation	10006.2	SF	0%	10,006		\$ 13,008.06		\$ 3,722.81	\$ 16,731	
486	A-103	A-600,601	(4x12x1/2") Plywood Sheathing Board (O/S) (209 EA)	10006.2	SF	0%	10,006		\$ 24,014.88		\$ 8,105.02	\$ 32,120	
487	A-103	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (373 EA)	17865.1	SF	0%	17,865		\$ 12,862.87		\$ 35,132.61	\$ 47,995	
488	A-103	A-600,601	No. Of Sheets	372	EA								
489	A-103	A-600,601	Adhesive	554	TUBES								
490	A-103	A-600,601	Tapping	9	ROLLS								
491	A-103	A-600,601	Drywalls Screws	64	LBS								
492	A-103	A-600,601	Mud Plaster	9469	LBS								
493	A-103	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	2147.3	SF	0%	2,147		\$ 1,052.18		\$ 4,222.77	\$ 5,275	
494	A-103	A-600,601	No. Of Sheets	45	EA								
495	A-103	A-600,601	Adhesive	67	TUBES								
496	A-103	A-600,601	Tapping	1	ROLLS								
497	A-103	A-600,601	Drywalls Screws	8	LBS								
498	A-103	A-600,601	Mud Plaster	1138	LBS								
499	A-103	A-600,601	(4x12x1/2") F.R Gypsum Wall Board (B/S) (209 EA)	10006.2	SF	0%	10,006		\$ 9,005.58		\$ 19,677.69	\$ 28,683	
500	A-103	A-600,601	No. Of Sheets	208	EA								
501	A-103	A-600,601	Adhesive	310	TUBES								

502	A-103	A-600,601	Tapping	5	ROLLS								
503	A-103	A-600,601	Drywalls Screws	36	LBS								
504	A-103	A-600,601	Mud Plaster	5303	LBS								
	A-103	A-600,601	Int. Studs Wall Type "G 0.1" As; OHR Furring Wall (67 LF) (10.9' H)										
505	A-103	A-600,601	(12' L) 2x3-1/2" Top & Bottom Plates (12 EA)	134	LF	0%	134		\$ 111.22		\$ 141.77	\$ 253	
506	A-103	A-600,601	2x3-1/2" Wood Studs Framing @ 16" O.C (51 EA, 730.3 SF)	556	LF	0%	556		\$ 461.48		\$ 588.25	\$ 1,050	
507	A-103	A-600,601	Sealants	134	LF	0%	134		\$ 40.20		\$ 202.07	\$ 242	
508	A-103	A-600,601	Sound Batt Insulation	730.3	SF	0%	730		\$ 752.21		\$ 271.71	\$ 1,024	
509	A-103	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (16 EA)	730.3	SF	0%	730		\$ 525.82		\$ 1,436.17	\$ 1,962	
510	A-103	A-600,601	No. Of Sheets	15	EA								
511	A-103	A-600,601	Adhesive	23	TUBES								
512	A-103	A-600,601	Tapping	0	ROLLS								
513	A-103	A-600,601	Drywalls Screws	3	LBS								
514	A-103	A-600,601	Mud Plaster	387	LBS								
	A-103	A-600,601	Int. Studs Wall Type "J.01" As; 2-HR Shaft Wall (12 LF) (10.9' H)										
515	A-103	A-600,601	(12' L) 20MSG Galv. 4"C-H Shaped Steel Top & Bottom Runners (2 EA)	24	LF	0%	24		\$ 32.40		\$ 25.39	\$ 58	
516	A-103	A-600,601	20MSG Galv. 4"C-H Shaped Steel Studs @ 24" O.C (6 EA, 130.8 SF)	66	LF	0%	66		\$ 89.10		\$ 69.83	\$ 159	
517	A-103	A-600,601	Sealants	72	LF	0%	72		\$ 21.60		\$ 108.58	\$ 130	
518	A-103	A-600,601	(2)(4x12x5/8") F.R Gypsum Wall Board (O/S) (6 EA)	261.6	SF	0%	262		\$ 188.35		\$ 514.45	\$ 703	
519	A-103	A-600,601	No. Of Sheets	5	EA								
520	A-103	A-600,601	Adhesive	8	TUBES								
521	A-103	A-600,601	Tapping	0	ROLLS								
522	A-103	A-600,601	Drywalls Screws	1	LBS								
523	A-103	A-600,601	Mud Plaster	139	LBS								
	A-104	A-600,601	Fifth Floor Plan										
	A-104	A-600,601	Int. Studs Wall Type "A 0.3" As; OHR Wood Studs Wall (175 LF) (10.9' H)										
524	A-104	A-600,601	(12' L) 2x6" Top & Bottom Plates (44 EA)	525	LF	0%	525		\$ 483.00		\$ 555.45	\$ 1,038	
525	A-104	A-600,601	2x6" Wood Studs Framing @ 16" O.C (132 EA, 1907.5 SF)	1439	LF	0%	1,439		\$ 1,323.88		\$ 1,522.46	\$ 2,846	
526	A-104	A-600,601	Sealants	700	LF	0%	700		\$ 210.00		\$ 1,055.60	\$ 1,266	
527	A-104	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (76 EA)	3618.8	SF	0%	3,619		\$ 2,605.54		\$ 7,116.55	\$ 9,722	
528	A-104	A-600,601	No. Of Sheets	75	EA								
529	A-104	A-600,601	Adhesive	112	TUBES								
530	A-104	A-600,601	Tapping	2	ROLLS								
531	A-104	A-600,601	Drywalls Screws	13	LBS								
532	A-104	A-600,601	Mud Plaster	1918	LBS								
533	A-104	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	196.2	SF	0%	196		\$ 96.14		\$ 385.84	\$ 482	
534	A-104	A-600,601	No. Of Sheets	4	EA								
535	A-104	A-600,601	Adhesive	6	TUBES								
536	A-104	A-600,601	Tapping	0	ROLLS								
537	A-104	A-600,601	Drywalls Screws	1	LBS								
538	A-104	A-600,601	Mud Plaster	104	LBS								
	A-104	A-600,601	Int. Studs Wall Type "A 0.4" As; Knee Wall (55 LF) (3.5' H)										
539	A-104	A-600,601	(12' L) 2x6" Top & Bottom Plates (14 EA)	165	LF	0%	165		\$ 151.80		\$ 174.57	\$ 326	
540	A-104	A-600,601	2x6" Wood Studs Framing @ 16" O.C (42 EA, 192.5 SF)	147	LF	0%	147		\$ 135.24		\$ 155.53	\$ 291	
541	A-104	A-600,601	Sealants	220	LF	0%	220		\$ 66.00		\$ 331.76	\$ 398	
542	A-104	A-600,601	(4x12x5/8") Gypsum Wall Board (B/S) (9 EA)	385	SF	0%	385		\$ 173.25		\$ 757.12	\$ 930	
543	A-104	A-600,601	No. Of Sheets	8	EA								
544	A-104	A-600,601	Adhesive	12	TUBES								
545	A-104	A-600,601	Tapping	0	ROLLS								
546	A-104	A-600,601	Drywalls Screws	1	LBS								
547	A-104	A-600,601	Mud Plaster	204	LBS								
	A-104	A-600,601	Ext. Studs Wall Type "CC 0.3" As; 1HR Wood Studs Wall (433 LF) (10.9' H)										
548	A-104	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (109 EA)	1299	LF	0%	1,299		\$ 1,195.08		\$ 1,374.34	\$ 2,569	
549	A-104	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (325 EA, 4719.7 SF)	3543	LF	0%	3,543		\$ 3,259.56		\$ 3,748.49	\$ 7,008	

550	A-104	A-600,601	3/4" PT Furring Strips @ 16" O.C (6 EA, 0 SF)	2598	LF	0%	2,598		\$ 1,558.80		\$ 2,748.68	\$ 4,307
551	A-104	A-600,601	Sealants	866	LF	0%	866		\$ 259.80		\$ 1,305.93	\$ 1,566
552	A-104	A-600,601	TYVEK Commercial Wrap Water Resistive Barrier	4719.7	SF	0%	4,720		\$ 1,415.91		\$ 4,719.70	\$ 6,136
553	A-104	A-600,601	(4x12x5/8") OSB Sheathing Board (O/S) (99 EA)	4719.7	SF	0%	4,720		\$ 8,495.46		\$ 7,012.60	\$ 15,508
554	A-104	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (98 EA)	4665.2	SF	0%	4,665		\$ 3,358.94		\$ 9,174.35	\$ 12,533
555	A-104	A-600,601	No. Of Sheets	97	EA							
556	A-104	A-600,601	Adhesive	145	TUBES							
557	A-104	A-600,601	Tapping	2	ROLLS							
558	A-104	A-600,601	Drywalls Screws	17	LBS							
559	A-104	A-600,601	Mud Plaster	2473	LBS							
560	A-104	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	54.5	SF	0%	55		\$ 26.71		\$ 107.18	\$ 134
561	A-104	A-600,601	No. Of Sheets	1	EA							
562	A-104	A-600,601	Adhesive	2	TUBES							
563	A-104	A-600,601	Tapping	0	ROLLS							
564	A-104	A-600,601	Drywalls Screws	0	LBS							
565	A-104	A-600,601	Mud Plaster	29	LBS							
	A-104	A-600,601	Ext. Studs Wall Type "CC 0.2" As; 1HR Wood Studs Wall (121 LF) (10.9' H)									
566	A-104	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (31 EA)	363	LF	0%	363		\$ 333.96		\$ 384.05	\$ 718
567	A-104	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (91 EA, 1318.9 SF)	992	LF	0%	992		\$ 912.64		\$ 1,049.54	\$ 1,962
568	A-104	A-600,601	3/4" PT Furring Strips @ 16" O.C (6 EA, 0 SF)	726	LF	0%	726		\$ 435.60		\$ 768.11	\$ 1,204
569	A-104	A-600,601	Sealants	242	LF	0%	242		\$ 72.60		\$ 364.94	\$ 438
570	A-104	A-600,601	TYVEK Commercial Wrap Water Resistive Barrier	1318.9	SF	0%	1,319		\$ 395.67		\$ 1,318.90	\$ 1,715
571	A-104	A-600,601	(5-1/2") R-20 Fiberglass Batt Insulation	1318.9	SF	0%	1,319		\$ 1,714.57		\$ 490.70	\$ 2,205
572	A-104	A-600,601	(4x12x5/8") OSB Sheathing Board (O/S) (28 EA)	1318.9	SF	0%	1,319		\$ 2,374.02		\$ 1,959.64	\$ 4,334
573	A-104	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (27 EA)	1253.5	SF	0%	1,254		\$ 902.52		\$ 2,465.07	\$ 3,368
574	A-104	A-600,601	No. Of Sheets	26	EA							
575	A-104	A-600,601	Adhesive	39	TUBES							
576	A-104	A-600,601	Tapping	1	ROLLS							
577	A-104	A-600,601	Drywalls Screws	4	LBS							
578	A-104	A-600,601	Mud Plaster	664	LBS							
579	A-104	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	65.4	SF	0%	65		\$ 32.05		\$ 128.61	\$ 161
580	A-104	A-600,601	No. Of Sheets	1	EA							
581	A-104	A-600,601	Adhesive	2	TUBES							
582	A-104	A-600,601	Tapping	0	ROLLS							
583	A-104	A-600,601	Drywalls Screws	0	LBS							
584	A-104	A-600,601	Mud Plaster	35	LBS							
	A-104	A-600,601	Ext. Studs Wall Type "CC 0.1" As; 1HR Wood Studs Wall (123 LF) (10.9' H)									
585	A-104	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (31 EA)	369	LF	0%	369		\$ 339.48		\$ 390.40	\$ 730
586	A-104	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (93 EA, 1340.7 SF)	1014	LF	0%	1,014		\$ 932.88		\$ 1,072.81	\$ 2,006
587	A-104	A-600,601	Sealants	246	LF	0%	246		\$ 73.80		\$ 370.97	\$ 445
588	A-104	A-600,601	TYVEK Commercial Wrap Water Resistive Barrier	1340.7	SF	0%	1,341		\$ 402.21		\$ 1,340.70	\$ 1,743
589	A-104	A-600,601	R-20 Fiberglass Batt Insulation	1340.7	SF	0%	1,341		\$ 1,742.91		\$ 498.81	\$ 2,242
590	A-104	A-600,601	(4x12x5/8") OSB Sheathing Board (O/S) (28 EA)	1340.7	SF	0%	1,341		\$ 2,413.26		\$ 1,992.03	\$ 4,405
591	A-104	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (28 EA)	1340.7	SF	0%	1,341		\$ 965.30		\$ 2,636.55	\$ 3,602
592	A-104	A-600,601	No. Of Sheets	28	EA							
593	A-104	A-600,601	Adhesive	42	TUBES							
594	A-104	A-600,601	Tapping	1	ROLLS							
595	A-104	A-600,601	Drywalls Screws	5	LBS							
596	A-104	A-600,601	Mud Plaster	711	LBS							
	A-104	A-600,601	Int. Studs Wall Type "A 0.2" As; OHR Wood Studs Wall (1258 LF) (10.9' H)									
597	A-104	A-600,601	(12' L) 2x4" Top & Bottom Plates (315 EA)	3774	LF	0%	3,774		\$ 3,132.42		\$ 3,992.89	\$ 7,125
598	A-104	A-600,601	2x4" Wood Studs Framing @ 16" O.C (944 EA, 13712.2 SF)	10290	LF	0%	10,290		\$ 8,540.70		\$ 10,886.82	\$ 19,428
599	A-104	A-600,601	Sealants	5032	LF	0%	5,032		\$ 1,509.60		\$ 7,588.26	\$ 9,098
600	A-104	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (556 EA)	26672.3	SF	0%	26,672		\$ 19,204.06		\$ 52,452.41	\$ 71,656
601	A-104	A-600,601	No. Of Sheets	556	EA							
602	A-104	A-600,601	Adhesive	827	TUBES							

603	A-104	A-600,601	Tapping	13	ROLLS							
604	A-104	A-600,601	Drywalls Screws	95	LBS							
605	A-104	A-600,601	Mud Plaster	14136	LBS							
606	A-104	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	752.1	SF	0%	752		\$ 368.53		\$ 1,479.04	\$ 1,848
607	A-104	A-600,601	No. Of Sheets	16	EA							
608	A-104	A-600,601	Adhesive	23	TUBES							
609	A-104	A-600,601	Tapping	0	ROLLS							
610	A-104	A-600,601	Drywalls Screws	3	LBS							
611	A-104	A-600,601	Mud Plaster	399	LBS							
	A-104	A-600,601	Int. Studs Wall Type "F 0.1" As; 1HR Demising Wall (849 LF) (10.9' H)									
612	A-104	A-600,601	(12' L) 2x5-1/2" Top & Bottom Plates (213 EA)	2547	LF	0%	2,547		\$ 2,343.24		\$ 2,694.73	\$ 5,038
613	A-104	A-600,601	2x5-1/2" Wood Studs Framing @ 16" O.C (637 EA, 9254.1 SF)	6944	LF	0%	6,944		\$ 6,388.48		\$ 7,346.75	\$ 13,735
614	A-104	A-600,601	1/2" Resilient Channels @ 24" O.C (6 EA)	5094	LF	0%	5,094		\$ 4,584.60		\$ 5,389.45	\$ 9,974
615	A-104	A-600,601	Sealants	6792	LF	0%	6,792		\$ 2,037.60		\$ 10,242.34	\$ 12,280
616	A-104	A-600,601	(5-1/2") Sound Batt Insulation	9254.1	SF	0%	9,254		\$ 12,030.33		\$ 3,442.99	\$ 15,473
617	A-104	A-600,601	(4x12x1/2") Plywood Sheathing Board (O/S) (193 EA)	9254.1	SF	0%	9,254		\$ 22,209.84		\$ 7,495.82	\$ 29,706
618	A-104	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (B/S) (342 EA)	16393.6	SF	0%	16,394		\$ 11,803.39		\$ 32,238.83	\$ 44,042
619	A-104	A-600,601	No. Of Sheets	342	EA							
620	A-104	A-600,601	Adhesive	508	TUBES							
621	A-104	A-600,601	Tapping	8	ROLLS							
622	A-104	A-600,601	Drywalls Screws	59	LBS							
623	A-104	A-600,601	Mud Plaster	8689	LBS							
624	A-104	A-600,601	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S)	2114.6	SF	0%	2,115		\$ 1,036.15		\$ 4,158.47	\$ 5,195
625	A-104	A-600,601	No. Of Sheets	44	EA							
626	A-104	A-600,601	Adhesive	66	TUBES							
627	A-104	A-600,601	Tapping	1	ROLLS							
628	A-104	A-600,601	Drywalls Screws	8	LBS							
629	A-104	A-600,601	Mud Plaster	1121	LBS							
630	A-104	A-600,601	(4x12x1/2") F.R Gypsum Wall Board (B/S) (193 EA)	9254.1	SF	0%	9,254		\$ 8,328.69		\$ 18,198.65	\$ 26,527
631	A-104	A-600,601	No. Of Sheets	193	EA							
632	A-104	A-600,601	Adhesive	287	TUBES							
633	A-104	A-600,601	Tapping	5	ROLLS							
634	A-104	A-600,601	Drywalls Screws	33	LBS							
635	A-104	A-600,601	Mud Plaster	4905	LBS							
	A-104	A-600,601	Int. Studs Wall Type "G 0.1" As; OHR Furring Wall (49 LF) (10.9' H)									
636	A-104	A-600,601	(12' L) 2x3-1/2" Top & Bottom Plates (9 EA)	98	LF	0%	98		\$ 81.34		\$ 103.68	\$ 185
637	A-104	A-600,601	2x3-1/2" Wood Studs Framing @ 16" O.C (37 EA, 534.1 SF)	404	LF	0%	404		\$ 335.32		\$ 427.43	\$ 763
638	A-104	A-600,601	Sealants	98	LF	0%	98		\$ 29.40		\$ 147.78	\$ 177
639	A-104	A-600,601	Sound Batt Insulation	534.1	SF	0%	534		\$ 550.12		\$ 198.71	\$ 749
640	A-104	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (12 EA)	534.1	SF	0%	534		\$ 384.55		\$ 1,050.33	\$ 1,435
641	A-104	A-600,601	No. Of Sheets	11	EA							
642	A-104	A-600,601	Adhesive	17	TUBES							
643	A-104	A-600,601	Tapping	0	ROLLS							
644	A-104	A-600,601	Drywalls Screws	2	LBS							
645	A-104	A-600,601	Mud Plaster	283	LBS							
	A-104	A-600,601	Int. Studs Wall Type "J.01" As; 2-HR Shaft Wall (33 LF) (10.9' H)									
646	A-104	A-600,601	(12' L) 20MSG Galv. 4"C-H Shaped Steel Top & Bottom Runners (6 EA)	66	LF	0%	66		\$ 89.10		\$ 69.83	\$ 159
647	A-104	A-600,601	20MSG Galv. 4"C-H Shaped Steel Studs @ 24" O.C (17 EA, 359.7 SF)	186	LF	0%	186		\$ 251.10		\$ 196.79	\$ 448
648	A-104	A-600,601	Sealants	198	LF	0%	198		\$ 59.40		\$ 298.58	\$ 358
649	A-104	A-600,601	(2)(4x12x5/8") F.R Gypsum Wall Board (O/S) (15 EA)	719.4	SF	0%	719		\$ 517.97		\$ 1,414.74	\$ 1,933
650	A-104	A-600,601	No. Of Sheets	15	EA							
651	A-104	A-600,601	Adhesive	22	TUBES							
652	A-104	A-600,601	Tapping	0	ROLLS							
653	A-104	A-600,601	Drywalls Screws	3	LBS							
654	A-104	A-600,601	Mud Plaster	381	LBS							

	A-104	A-600,601	Int. Studs Wall Type "MM 0.2" As; 2HR Masonary W/ Wood Studs Wall (157 LF) (10.9' H)										
655	A-104	A-600,601	(12' L) 2x1-1/2" Top & Bottom Plates (27 EA)	314	LF	0%	314		\$ 226.08		\$ 332.21	\$ 558	
656	A-104	A-600,601	2x1-1/2" Wood Studs Framing @ 16" O.C (118 EA, 1711.3 SF)	1287	LF	0%	1,287		\$ 926.64		\$ 1,361.65	\$ 2,288	
657	A-104	A-600,601	Sealants	314	LF	0%	314		\$ 94.20		\$ 473.51	\$ 568	
658	A-104	A-600,601	(4x12x5/8") F.R Gypsum Wall Board (O/S) (36 EA)	1711.3	SF	0%	1,711		\$ 1,232.14		\$ 3,365.36	\$ 4,597	
659	A-104	A-600,601	No. Of Sheets	36	EA								
660	A-104	A-600,601	Adhesive	53	TUBES								
661	A-104	A-600,601	Tapping	1	ROLLS								
662	A-104	A-600,601	Drywalls Screws	6	LBS								
663	A-104	A-600,601	Mud Plaster	907	LBS								
08- OPENINGS												\$ 180,239	
Ground Floor Plan													
664	A-121-128	A-610	Door Type U.01 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	4	EA	0%	4		\$ 800.00		\$ 200.00	\$ 1,000	
665	A-121-128	A-610	Door Type U.02 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	8	EA	0%	8		\$ 1,600.00		\$ 400.00	\$ 2,000	
666	A-121-128	A-610	Door Type U.06 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	8	EA	0%	8		\$ 1,600.00		\$ 400.00	\$ 2,000	
667	A-121-128	A-610	Door Type U.07 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	8	EA	0%	8		\$ 1,600.00		\$ 400.00	\$ 2,000	
Second Floor Plan													
668	A-121-128	A-610	Door Type U.01 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	20	EA	0%	20		\$ 4,000.00		\$ 1,000.00	\$ 5,000	
669	A-121-128	A-610	Door Type U.02 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	47	EA	0%	47		\$ 9,400.00		\$ 2,350.00	\$ 11,750	
670	A-121-128	A-610	Door Type U.03 2'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	4	EA	0%	4		\$ 460.00		\$ 140.00	\$ 600	
671	A-121-128	A-610	Door Type U.04 5'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	10	EA	0%	10		\$ 2,800.00		\$ 500.00	\$ 3,300	
672	A-121-128	A-610	Door Type U.05 9'-6"x8' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	2	EA	0%	2		\$ 1,200.00		\$ 140.00	\$ 1,340	
673	A-121-128	A-610	Door Type U.06 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	41	EA	0%	41		\$ 8,200.00		\$ 2,050.00	\$ 10,250	
674	A-121-128	A-610	Door Type U.07 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	34	EA	0%	34		\$ 6,800.00		\$ 1,700.00	\$ 8,500	
Third Floor Plan													
675	A-121-128	A-610	Door Type U.01 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	19	EA	0%	19		\$ 3,800.00		\$ 950.00	\$ 4,750	

676	A-121-128	A-610	Door Type U.02 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	45	EA	0%	45	\$	9,000.00	\$	2,250.00	\$	11,250
677	A-121-128	A-610	Door Type U.03 2'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	4	EA	0%	4	\$	460.00	\$	140.00	\$	600
678	A-121-128	A-610	Door Type U.04 5'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	11	EA	0%	11	\$	3,080.00	\$	550.00	\$	3,630
679	A-121-128	A-610	Door Type U.05 9'-6"x8' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	2	EA	0%	2	\$	1,200.00	\$	140.00	\$	1,340
680	A-121-128	A-610	Door Type U.06 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	39	EA	0%	39	\$	7,800.00	\$	1,950.00	\$	9,750
681	A-121-128	A-610	Door Type U.07 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	30	EA	0%	30	\$	6,000.00	\$	1,500.00	\$	7,500
	A-121-128	A-610	Forth Floor Plan										
682	A-121-128	A-610	Door Type U.01 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	18	EA	0%	18	\$	3,600.00	\$	900.00	\$	4,500
683	A-121-128	A-610	Door Type U.02 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	43	EA	0%	43	\$	8,600.00	\$	2,150.00	\$	10,750
684	A-121-128	A-610	Door Type U.03 2'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	4	EA	0%	4	\$	460.00	\$	140.00	\$	600
685	A-121-128	A-610	Door Type U.04 5'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	10	EA	0%	10	\$	2,800.00	\$	500.00	\$	3,300
686	A-121-128	A-610	Door Type U.05 9'-6"x8' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	2	EA	0%	2	\$	1,200.00	\$	140.00	\$	1,340
687	A-121-128	A-610	Door Type U.06 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	37	EA	0%	37	\$	7,400.00	\$	1,850.00	\$	9,250
688	A-121-128	A-610	Door Type U.07 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	30	EA	0%	30	\$	6,000.00	\$	1,500.00	\$	7,500
	A-121-128	A-610	Fifth Floor Plan										
689	A-121-128	A-610	Door Type U.01 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	17	EA	0%	17	\$	3,400.00	\$	850.00	\$	4,250
690	A-121-128	A-610	Door Type U.02 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	40	EA	0%	40	\$	8,000.00	\$	2,000.00	\$	10,000
691	A-121-128	A-610	Door Type U.03 2'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	4	EA	0%	4	\$	460.00	\$	140.00	\$	600

692	A-121-128	A-610	Door Type U.04 5'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	10	EA	0%	10		\$ 2,800.00		\$ 500.00	\$ 3,300
693	A-121-128	A-610	Door Type U.05 9'-6"x8' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	2	EA	0%	2		\$ 1,200.00		\$ 140.00	\$ 1,340
694	A-121-128	A-610	Door Type U.06 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	34	EA	0%	34		\$ 6,800.00		\$ 1,700.00	\$ 8,500
695	A-121-128	A-610	Door Type U.07 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	28	EA	0%	28		\$ 5,600.00		\$ 1,400.00	\$ 7,000
	A-121-128	A-610	Commen Area Door Schedule									
696	A-121-128	A-610	Door Type C.06 6'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 350.00		\$ 70.00	\$ 420
697	A-121-128	A-610	Door Type C.07 6'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 350.00		\$ 70.00	\$ 420
698	A-121-128	A-610	Door Type C.01 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250
699	A-121-128	A-610	Door Type C.02 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250
700	A-121-128	A-610	Door Type C.03 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250
701	A-121-128	A-610	Door Type C.04 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250
702	A-121-128	A-610	Door Type C.05 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250
703	A-121-128	A-610	Door Type C.08 6'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 350.00		\$ 70.00	\$ 420
704	A-121-128	A-610	Door Type C.09 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250
705	A-121-128	A-610	Door Type C.10 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250
706	A-121-128	A-610	Door Type C.11 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250
707	A-121-128	A-610	Door Type C.12 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1		\$ 200.00		\$ 50.00	\$ 250

708	A-121-128	A-610	Door Type C.13 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1	\$ 200.00	\$ 50.00	\$ 250
709	A-121-128	A-610	Door Type C.14 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1	\$ 200.00	\$ 50.00	\$ 250
710	A-121-128	A-610	Door Type C.15 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1	\$ 200.00	\$ 50.00	\$ 250
711	A-121-128	A-610	Door Type C.16 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1	\$ 200.00	\$ 50.00	\$ 250
712	A-121-128	A-610	Door Type C.17 4'-10"x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1	\$ 280.00	\$ 50.00	\$ 330
713	A-121-128	A-610	Door Type C.18 3'x7' To Be Painted U-DT-1 Door Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	1	EA	0%	1	\$ 200.00	\$ 50.00	\$ 250
	A-121-128	A-610	Door Trims							
714	A-121-128	A-610	Door Trims To Be Painted U-DT-1 Door trim Paint Manuf: Sherwin Williams; Model: Repose Gray-SW 7015; Finish: Semi Gloss	10906	LF	0%	10,906	\$ 10,906.00	\$ 5,453.00	\$ 16,359
09- FINISHES										\$ 1,116,985
Ground Floor Plan										
715	A-150		CL-1 Painted Exposed Deck	1796	SF					
716	A-150		CL-2 Rigid "X" Painted Gypsum Board Drywall System -1/2"T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	2616	SF	0%	2,616	\$ 13,864.80	\$ 11,344.41	\$ 25,209
717	A-150		2'-0" Soffit Rigid "X" Painted Gypsum Board Drywall System -1/2"T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	94	SF	0%	94	\$ 498.20	\$ 407.64	\$ 906
718	A-150		CL-3 Rigid "X" Painted Gypsum Board Drywall System -1/2"T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	318	SF	0%	318	\$ 1,685.40	\$ 1,379.02	\$ 3,064

719	A-150	CL-4 Rigid "X" Painted Gypsum Board Drywall System -1/2" T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	547	SF	0%	547		\$ 2,899.10		\$ 2,372.09	\$ 5,271
720	A-150	CL-5 Rigid "X" Painted Gypsum Board Drywall System -1/2" T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	2170	SF	0%	2,170		\$ 11,501.00		\$ 9,410.31	\$ 20,911
721		No. Of Sheets (4'x12')	120	EA							
722		Adhesive	67	TUBES							
723		Tapping	3	ROLLS							
724		Drywalls Screws	21	LBS							
725		Mud Plaster	1150	LBS							
Second Floor Plan											
726	A-151	CL-2 Rigid "X" Painted Gypsum Board Drywall System -1/2" T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	15286	SF	0%	15,286		\$ 81,015.80		\$ 66,288.50	\$ 147,304
727		No. Of Sheets	318	EA							
728		Adhesive	474	TUBES							
729		Tapping	8	ROLLS							
730		Drywalls Screws	55	LBS							
731		Mud Plaster	8102	LBS							
Third Floor Plan											
732	A-152	CL-2 Rigid "X" Painted Gypsum Board Drywall System -1/2" T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	14745	SF	0%	14,745		\$ 78,148.50		\$ 63,942.43	\$ 142,091
733		No. Of Sheets	307	EA							
734		Adhesive	457	TUBES							
735		Tapping	7	ROLLS							
736		Drywalls Screws	53	LBS							
737		Mud Plaster	7815	LBS							
Fourth Floor Plan											
738	A-153	CL-2 Rigid "X" Painted Gypsum Board Drywall System -1/2" T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	14011	SF	0%	14,011		\$ 74,258.30		\$ 60,759.40	\$ 135,018
739		No. Of Sheets	292	EA							

740			Adhesive	434	TUBES							
741			Tapping	7	ROLLS							
742			Drywalls Screws	50	LBS							
743			Mud Plaster	7426	LBS							
Fifth Floor Plan												
744	A-154		CL-2 Rigid "X" Painted Gypsum Board Drywall System -1/2" T. Gypsum Board -1/2" Galvanized Resilient Channels -(3)Layers of R-30 Ceiling Insulation -Rigid Insulation @ Perimter along wall Manuf.: TBD -U-CF1- Ceiling Paint Manuf: Sherwin Williams; Model: Bright White-SW 7007; Finish: Flat	13056	SF	0%	13,056	\$ 69,196.80	\$ 56,618.00	\$ 125,815		
745			No. Of Sheets	272	EA							
746			Adhesive	405	TUBES							
747			Tapping	7	ROLLS							
748			Drywalls Screws	47	LBS							
749			Mud Plaster	6920	LBS							
Wall Finishes												
Ground Floor Plan												
750	A-700		CA-WF-1 paint Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835	23160	SF	0%	23,160	\$ 30,108.00	\$ 16,212.00	\$ 46,320		
751	A-500	A-502	Walls To Be Painted @ Stairs paint Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835	3118	SF	0%	3,118	\$ 4,053.40	\$ 2,182.60	\$ 6,236		
752	A-700		CA-WF-2 Paint Manufacturer : Sherwin Williams ; Model : Granite Peak-SW 6250	1700	SF	0%	1,700	\$ 2,210.00	\$ 1,190.00	\$ 3,400		
753	A-700		CA-WF-4 Paint Manufacturer : Sherwin Williams ; Model : Granite Peak-SW 6250	11880	SF	0%	11,880	\$ 15,444.00	\$ 8,316.00	\$ 23,760		
754	A-700		CA-WF-5 Stain Manuf: Minwax Water based Wood Stain Nemo Model: Dessert Sand	2710	SF	0%	2,710	\$ 3,523.00	\$ 1,897.00	\$ 5,420		
755	A-700		Wall To Be Painted @ Restroom Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835 With Eggshell Finish	840	SF	0%	840	\$ 1,092.00	\$ 588.00	\$ 1,680		
Second Floor Plan												
756	A-101		CA-WF-1 Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835	46725	SF	0%	46,725	\$ 60,742.50	\$ 32,707.50	\$ 93,450		
757	A-101		Wall To Be Painted @ Restroom Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835 With Eggshell Finish	4979	SF	0%	4,979	\$ 6,472.70	\$ 3,485.30	\$ 9,958		
Third Floor Plan												
758	A-102		CA-WF-1 Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835	45028	SF	0%	45,028	\$ 58,536.40	\$ 31,519.60	\$ 90,056		
759	A-102		Wall To Be Painted @ Restroom Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835 With Eggshell Finish	4716	SF	0%	4,716	\$ 6,130.80	\$ 3,301.20	\$ 9,432		
Forth Floor Plan												
760	A-103		CA-WF-1 Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835	42481	SF	0%	42,481	\$ 55,225.30	\$ 29,736.70	\$ 84,962		
761	A-103		Wall To Be Painted @ Restroom Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835 With Eggshell Finish	4445	SF	0%	4,445	\$ 5,778.50	\$ 3,111.50	\$ 8,890		
Fifth Floor Plan												
762	A-104		CA-WF-1 Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835	39900	SF	0%	39,900	\$ 51,870.00	\$ 27,930.00	\$ 79,800		
763	A-104		Wall To Be Painted @ Restroom Manufacturer : Sherwin Williams ; Model : Dover White-SW 6835 With Eggshell Finish	4165	SF	0%	4,165	\$ 5,414.50	\$ 2,915.50	\$ 8,330		
Exterior Elevations												
764	A-200		Elevator Stair Bulkhead Eifs Cladding To Match FiberGlass Panel Color <i>(Only Finish Price)</i>	157	SF	0%	157	\$ 249.98	\$ 1,591.77	\$ 1,842		

765	A-201		Fiber Cement Board And Batten Siding - Color:Gray/Charcoal <i>(Only Finish Price)</i>	3031	SF	0%	3,031		\$ 4,826.11		\$ 30,730.20	\$ 35,556	
			Stairs Finish										
766	A-500	A-502	2'10" Hand Rail To Be Painted	820	SF	0%	820		\$ 820.00		\$ 574.00	\$ 1,394	
767	A-500	A-502	3' 6" Guard Rail To Be Painted	535	SF	0%	535		\$ 535.00		\$ 374.50	\$ 910	
SUB TOTAL									\$ 1,721,169	\$ 1,799,853	\$ 3,521,023	\$ 3,521,023	
INSURANCE									10%	\$ 172,117	\$ 179,985	\$ 352,102	\$ 352,102
OVERHEAD AND PROFIT									20%	\$ 344,234	\$ 359,971	\$ 704,205	\$ 704,205
TOTAL BASE BID									\$ 2,237,520	\$ 2,339,809	\$ 4,577,330	\$ 4,577,330	

PRICE PROPOSAL

Ridge Wood Families

CONTRACTOR NAME:

DATE:

October 17, 2022

No.	Description	Special notes from Bidder	Material	Labor	Line Subtotal
1.0	General Conditions		\$ 126,422	\$ 136,436	\$ 262,857
2.0	Existing Conditions/ Demolition		\$ 90,965	\$ 48,603	\$ 139,568
3.0	Concrete		\$ 135,474	\$ 126,646	\$ 262,120
5.0	Metals		\$ 230,282	\$ 110,985	\$ 341,267
	Walls		\$ 55,566	\$ 93,070	\$ 148,637
6.0	Wood & Plastic Composites		\$ 17,298	\$ 12,062	\$ 29,360
7.0	Thermal and Moisture Protection		\$ 68,501	\$ 31,532	\$ 100,034
8.0	Openings		\$ 160,392	\$ 61,323	\$ 221,715
9.0	Finishes		\$ 151,013	\$ 221,067	\$ 372,080
10.0	Specialties		\$ 216,850	\$ 83,524	\$ 300,374
11.0	Equipment		\$ 11,723	\$ 2,857	\$ 14,580
14.0	Conveying Equipments		\$ 45,000	\$ 5,000	\$ 50,000
21.0	Fire Suppression		\$ 53,098	\$ 31,017	\$ 84,116
22.0	Plumbing		\$ 82,093	\$ 59,733	\$ 141,825
23.0	Heating, Ventilating & Air- Conditioning		\$ 86,077	\$ 35,098	\$ 121,175
26.0	Electrical		\$ 99,418	\$ 45,885	\$ 145,304
28.0	Electronic Safety & Security		\$ 8,159	\$ 3,455	\$ 11,614
31.0	Earthwork		\$ -	\$ 155,474	\$ 155,474
	Subtotal		\$ 1,638,332	\$ 1,263,768	\$ 2,902,100
	Insurance	10%	\$ 163,833	\$ 126,377	\$ 290,210
	Overhead & Profit	20%	\$ 327,666	\$ 252,754	\$ 580,420
	TOTAL BASE BID		\$ 2,129,831	\$ 1,642,899	\$ 3,772,730

28	S-101	(3/4x6x10) Base Plate	20	EA	0%	20		\$ 1,833.60		\$ 813.40	\$ 2,647
28	S-101	(3/4x8x10) Base Plate	2	EA	0%	2		\$ 183.36		\$ 81.34	\$ 265
	S-101	Bolts									
29	S-101	(3/4" Dia.) HS Bolts	132	EA	0%	132		\$ 5,940.00		\$ 1,320.00	\$ 7,260
	S-101	Connection Angles									
29	S-101	(3-1/2x3-1/2x5/15 - 6") Connection Angles	44	EA	0%	44		\$ 234.96		\$ 70.49	\$ 305
	S-101	Metal Deck									
30	S-101	(3/4") Metal Deck	3481	SF	0%	3,481		\$ 23,253.55		\$ 16,465.46	\$ 39,719
	S-101	Stairs									
30	S-101	(3'-0")W. Stair Steps; Riser (16 EA); Tread (14 EA) W/ (3'-0"x3'-0") Landings (Cellar To 1st Floor)	1	LOC	0%	1		\$ 6,683.38		\$ 1,615.46	\$ 8,299
31	S-101	(3'-0")W. Stair Steps; Riser (15 EA); Tread (13 EA); Landing (24 SF) (First To 3rd)	2	LOC	0%	2		\$ 38,044.08		\$ 9,305.46	\$ 47,350
31	S-101	(5'-10")W. Stair Steps; Riser (15 EA); Tread (13 EA); Cellar To IST	1	LOC	0%	1		\$ 9,225.00		\$ 1,494.75	\$ 10,720
31	S-101	(3'-0")W. Stair Steps; Riser (16 EA); Tread (14 EA); Landing (25SF) (Cellar To 3rd Floor)	1	LOC	0%	1		\$ 27,022.72		\$ 6,602.24	\$ 33,625
32	S-101	Handrails	323	LF	0%	323		\$ 13,191.32		\$ 3,604.68	\$ 16,796
	S-102	2nd Floor									
	S-102	Beam									
33	S-102	C6x13	1417	Lbs.	0%	1,417		\$ 3,542.50		\$ 2,125.50	\$ 5,668
	S-102	Metal Deck									
33	S-102	(3/4") Metal Deck	3507	SF	0%	3,507		\$ 23,426.76		\$ 16,588.11	\$ 40,015
	S-102	Metal C- Joists									
34	S-102	(14") Metal C- Joists @ 16"O.C. (3257 SF)	2449	LF	0%	2,449		\$ 5,632.41		\$ 5,363.03	\$ 10,995
	S-102	Connection Angles									
34	S-102	(3-1/2x3-1/2x5/15 - 5") Connection Angles	36	EA	0%	36		\$ 192.24		\$ 57.67	\$ 250
	S-102	HS Bolts									
35	S-102	(3/4" Dia.) HS Bolts	72	EA	0%	72		\$ 3,240.00		\$ 720.00	\$ 3,960
	S-102	Base Plate									
35	S-102	(3/4x4x10) Base Plate	12	EA	0%	12		\$ 1,100.16		\$ 488.04	\$ 1,588
	S-103	3rd Floor Framing									
	S-103	Beam									
36	S-103	C6x13	1417	Lbs.	0%	1,417		\$ 3,542.50		\$ 2,125.50	\$ 5,668
	S-103	Metal Deck									
36	S-103	(3/4") Metal Deck	3330	SF	0%	3,330		\$ 22,244.40		\$ 15,750.90	\$ 37,995
	S-103	Metal C- Joists									
37	S-103	(14") Metal C- Joists @ 16"O.C. (3089 SF)	2323	LF	0%	2,323		\$ 5,341.88		\$ 5,086.40	\$ 10,428
	S-103	Connection Angles									
37	S-103	(3-1/2x3-1/2x5/15 - 5") Connection Angles	36	EA	0%	36		\$ 192.24		\$ 57.67	\$ 250
	S-103	Bolts									
38	S-103	(3/4" Dia.) HS Bolts	72	EA	0%	72		\$ 3,240.00		\$ 720.00	\$ 3,960
	S-103	Base Plate									
38	S-103	(3/4x4x10) Base Plate	12	EA	0%	12		\$ 1,100.16		\$ 488.04	\$ 1,588
	S-104	Roof Framing									
	S-104	Metal Deck									
39	S-104	(3/4") Metal Deck	688	SF	0%	688		\$ 4,597.71		\$ 3,255.56	\$ 7,853
	S-104	Metal C- Joists									
39	S-104	(14") Metal C- Joists @ 16"O.C. (688 SF)	517	LF	0%	517		\$ 1,189.77		\$ 1,132.87	\$ 2,323
		WALLS									
		Cellar Floor									
	C-101	Partition Wall Type 6 As; (99 LF) (10' H)									
40	C-101	(12' L) (3-5/8")20Ga. Top & Bottom Runners (17 EA)	198	LF	0%	198		\$ 257.40		\$ 209.48	\$ 467
40	C-101	(3-5/8")20Ga. Metal Studs Framing @ 16" O.C (75 EA, 990 SF)	750	LF	0%	750		\$ 975.00		\$ 793.50	\$ 1,769

40	C-101	Sealants	396	LF	0%	396		\$	118.80		\$	597.17	\$	716
41	C-101	(4x12x5/8") Gypsum Wall Board (B/S) (42 EA)	1980	SF	0%	1,980		\$	891.00		\$	5,365.80	\$	6,257
41	C-101	No. Of Sheets	41	EA										
41	C-101	Adhesive	61	TUBES										
42	C-101	Tapping	1	ROLLS										
42	C-101	Drywalls Screws	7	LBS										
42	C-101	Mud Plaster	1049	LBS										
43	C-101	3-1/2" Sound Batt Insulation	990	SF	0%	990		\$	1,851.30		\$	367.29	\$	2,219
		First Floor												
	C-102	Partition Wall Type 4 As; 2HR Fire Rating STC 52 (22 LF) (9.5' H)												
44	C-102	(12' L) (3-5/8")20Ga. Top & Bottom Runners (4 EA)	44	LF	0%	44		\$	57.20		\$	46.55	\$	104
44	C-102	(3-5/8")20Ga. Metal Studs Framing @ 16" O.C (17 EA, 209 SF)	162	LF	0%	162		\$	210.60		\$	171.40	\$	382
44	C-102	Sealants	132	LF	0%	132		\$	39.60		\$	199.06	\$	239
45	C-102	(4x12x5/8") Gypsum Wall Board Type X (B/S) (14 EA)	627	SF	0%	627		\$	282.15		\$	1,699.17	\$	1,981
45	C-102	No. Of Sheets	13	EA										
45	C-102	Adhesive	19	TUBES										
46	C-102	Tapping	0	ROLLS										
46	C-102	Drywalls Screws	2	LBS										
46	C-102	Mud Plaster	332	LBS										
47	C-102	Waterproofing Membrane	209	SF	0%	209		\$	313.50		\$	104.50	\$	418
47	C-102	2" XPS R-5 Per Inch (R-10 Insulation)	209	SF	0%	209		\$	167.20		\$	104.50	\$	272
47	C-102	3-1/2" Closed Cell Insulation R-6.2 Per Inch (R-21.7)	209	SF	0%	209		\$	390.83		\$	104.50	\$	495
	C-102	Partition Wall Type 6 As; (204 LF) (9.5' H)												
48	C-102	(12' L) (3-5/8")20Ga. Top & Bottom Runners (34 EA)	408	LF	0%	408		\$	530.40		\$	431.66	\$	962
48	C-102	(3-5/8")20Ga. Metal Studs Framing @ 16" O.C (154 EA, 1938 SF)	1463	LF	0%	1,463		\$	1,901.90		\$	1,547.85	\$	3,450
48	C-102	Sealants	816	LF	0%	816		\$	244.80		\$	1,230.53	\$	1,475
49	C-102	(4x12x5/8") Gypsum Wall Board (B/S) (81 EA)	3876	SF	0%	3,876		\$	1,744.20		\$	10,503.96	\$	12,248
49	C-102	No. Of Sheets	81	EA										
49	C-102	Adhesive	120	TUBES										
50	C-102	Tapping	2	ROLLS										
50	C-102	Drywalls Screws	14	LBS										
50	C-102	Mud Plaster	2054	LBS										
	C-102	Partition Wall Type 7 As; (282 LF) (9.5' H)												
51	C-102	(12' L) (3-5/8")20Ga. Top & Bottom Runners (47 EA)	564	LF	0%	564		\$	733.20		\$	596.71	\$	1,330
51	C-102	(3-5/8")20Ga. Metal Studs Framing @ 16" O.C (212 EA, 2679 SF)	2014	LF	0%	2,014		\$	2,618.20		\$	2,130.81	\$	4,749
51	C-102	Sealants	564	LF	0%	564		\$	169.20		\$	850.51	\$	1,020
52	C-102	(4x12x5/8") Gypsum Wall Board Type X (O/S) (52 EA)	2470	SF	0%	2,470		\$	1,111.50		\$	6,693.70	\$	7,805
52	C-102	No. Of Sheets	51	EA										
52	C-102	Adhesive	77	TUBES										
53	C-102	Tapping	1	ROLLS										
53	C-102	Drywalls Screws	9	LBS										
53	C-102	Mud Plaster	1309	LBS										
54	C-102	(4x12x5/8") Moisture Resistant Gypsum Wall Board (O/S) (5 EA)	209	SF	0%	209		\$	102.41		\$	566.39	\$	669
54	C-102	No. Of Sheets	4	EA										
54	C-102	Adhesive	6	TUBES										
55	C-102	Tapping	0	ROLLS										
55	C-102	Drywalls Screws	1	LBS										
55	C-102	Mud Plaster	111	LBS										
56	C-102	3-1/2" Sound Batt Insulation	2679	SF	0%	2,679		\$	5,009.73		\$	993.91	\$	6,004
	C-102	Partition Wall Type 8 As; 2HR; STC53 (39 LF) (9.5' H)												
56	C-102	(12' L) (2-1/2")CH Top & Bottom Runners (7 EA)	78	LF	0%	78		\$	99.06		\$	82.52	\$	182
57	C-102	(2-1/2")CH Metal Studs Framing @ 16" O.C (30 EA, 370.5 SF)	285	LF	0%	285		\$	361.95		\$	301.53	\$	663
57	C-102	Sealants	117	LF	0%	117		\$	35.10		\$	176.44	\$	212

74	C-103	Mud Plaster	146	LBS							
75	C-103	3-1/2" Sound Batt Insulation	3078	SF	0%	3,078		\$ 5,755.86		\$ 1,141.94	\$ 6,898
	C-103	Partition Wall Type 8 As; 2HR; STC53 (9 LF) (9.5' H)									
75	C-103	(12' L) (2-1/2")CH Top & Bottom Runners (2 EA)	18	LF	0%	18		\$ 22.86		\$ 19.04	\$ 42
76	C-103	(2-1/2")CH Metal Studs Framing @ 16" O.C (7 EA, 85.5 SF)	67	LF	0%	67		\$ 85.09		\$ 70.89	\$ 156
76	C-103	Sealants	27	LF	0%	27		\$ 8.10		\$ 40.72	\$ 49
76	C-103	(4x12x5/8") Gypsum Wall Board Type X (O/S) (4 EA)	171	SF	0%	171		\$ 76.95		\$ 463.41	\$ 540
77	C-103	No. Of Sheets	4	EA							
77	C-103	Adhesive	5	TUBES							
77	C-103	Tapping	0	ROLLS							
78	C-103	Drywalls Screws	1	LBS							
78	C-103	Mud Plaster	91	LBS							
78	C-103	(4x12x1") Gypsum Wall Board (O/S) (2 EA)	85.5	SF	0%	86		\$ 51.30		\$ 231.71	\$ 283
79	C-103	No. Of Sheets	2	EA							
79	C-103	Adhesive	3	TUBES							
79	C-103	Tapping	0	ROLLS							
80	C-103	Drywalls Screws	0	LBS							
80	C-103	Mud Plaster	45	LBS							
	C-103	Partition Wall Type Knee Wall As; (26 LF) (3.5' H)									
81	C-103	(12' L) (3-5/8")20Ga. Top & Bottom Runners (5 EA)	52	LF	0%	52		\$ 67.60		\$ 55.02	\$ 123
81	C-103	(3-5/8")20Ga. Metal Studs Framing @ 16" O.C (20 EA, 91 SF)	70	LF	0%	70		\$ 91.00		\$ 74.06	\$ 165
81	C-103	(4x12x5/8") Plywood Board (B/S) (4 EA)	182	SF	0%	182		\$ 436.80		\$ 147.42	\$ 584
82	C-103	No. Of Sheets	4	EA							
82	C-103	Drywalls Screws	1	LBS							
	C-104	Third Floor									
	C-104	Partition Wall Type 4 As; 2HR Fire Rating STC 52 (31 LF) (9.5' H)									
83	C-104	(12' L) (3-5/8")20Ga. Top & Bottom Runners (6 EA)	62	LF	0%	62		\$ 80.60		\$ 65.60	\$ 146
83	C-104	(3-5/8")20Ga. Metal Studs Framing @ 16" O.C (24 EA, 294.5 SF)	228	LF	0%	228		\$ 296.40		\$ 241.22	\$ 538
83	C-104	Sealants	186	LF	0%	186		\$ 55.80		\$ 280.49	\$ 336
84	C-104	(4x12x5/8") Gypsum Wall Board Type X (B/S) (19 EA)	883.5	SF	0%	884		\$ 397.58		\$ 2,394.29	\$ 2,792
84	C-104	No. Of Sheets	18	EA							
84	C-104	Adhesive	27	TUBES							
85	C-104	Tapping	0	ROLLS							
85	C-104	Drywalls Screws	3	LBS							
85	C-104	Mud Plaster	468	LBS							
86	C-104	Waterproofing Membrane	294.5	SF	0%	295		\$ 441.75		\$ 147.25	\$ 589
86	C-104	2" XPS R-5 Per Inch (R-10 Insulation)	294.5	SF	0%	295		\$ 235.60		\$ 147.25	\$ 383
86	C-104	3-1/2" Closed Cell Insulation R-6.2 Per Inch (R-21.7)	294.5	SF	0%	295		\$ 550.72		\$ 147.25	\$ 698
	C-104	Partition Wall Type 5 As; 2HR Fire Rating STC 53 (19 LF) (9.5' H)									
87	C-104	(12' L) (3-5/8")20Ga. Top & Bottom Runners (4 EA)	38	LF	0%	38		\$ 49.40		\$ 40.20	\$ 90
87	C-104	(3-5/8")20Ga. Metal Studs Framing @ 16" O.C (15 EA, 180.5 SF)	143	LF	0%	143		\$ 185.90		\$ 151.29	\$ 337
87	C-104	Sealants	152	LF	0%	152		\$ 45.60		\$ 229.22	\$ 275
88	C-104	(4x12x5/8") Gypsum Wall Board Type X (B/S) (12 EA)	541.5	SF	0%	542		\$ 243.68		\$ 1,467.47	\$ 1,711
88	C-104	No. Of Sheets	11	EA							
88	C-104	Adhesive	17	TUBES							
89	C-104	Tapping	0	ROLLS							
89	C-104	Drywalls Screws	2	LBS							
89	C-104	Mud Plaster	287	LBS							
90	C-104	(4x12x5/8") Gypsum Wall Board Impact Rated (O/S) (4 EA)	180.5	SF	0%	181		\$ 93.86		\$ 489.16	\$ 583
90	C-104	No. Of Sheets	4	EA							
90	C-104	Adhesive	6	TUBES							
91	C-104	Tapping	0	ROLLS							
91	C-104	Drywalls Screws	1	LBS							

108		Water Proofing Membrane under SOG	3371	SF	0%	3,371		\$ 5,056.50		\$ 1,685.50	\$ 6,742
		Vapor Barrier									
109		Vapor Barrier	632	SF	0%	632		\$ 315.86		\$ 94.76	\$ 411
		Concrete Wall									
		Waterproofing Memberane									
110		Waterproofing Memberane	6897	SF	0%	6,897		\$ 10,345.50		\$ 3,448.50	\$ 13,794
		1st Floor									
		Insulation									
111		(9") Closed Cell Insulation R-6.2	3481	SF	0%	3,481		\$ 1,531.67		\$ 1,044.32	\$ 2,576
		2nd Floor									
		Insulation									
112		(9") Closed Cell Insulation R-6.2	3257	SF	0%	3,257		\$ 1,433.21		\$ 977.19	\$ 2,410
113		3 1/2" Sound Batt Insulation	3257	SF	0%	3,257		\$ 2,931.57		\$ 977.19	\$ 3,909
		3rd Floor Framing									
		Insulation									
114		(9") Closed Cell Insulation R-6.2	3089	SF	0%	3,089		\$ 1,359.13		\$ 926.68	\$ 2,286
115		3 1/2" Sound Batt Insulation	3089	SF	0%	3,089		\$ 2,780.05		\$ 926.68	\$ 3,707
		Roof Framing									
		Insulation									
116		(9") Closed Cell Insulation R-6.2	688	SF	0%	688		\$ 302.84		\$ 206.48	\$ 509
		Roofing									
117		2" Polyiso Insulation	2798	SF	0%	2,798		\$ 6,715.20		\$ 3,637.40	\$ 10,353
118		1/4" Protection board	2798	SF	0%	2,798		\$ 4,924.48		\$ 7,582.58	\$ 12,507
119		2" Tapered Insulation	2798	SF	0%	2,798		\$ 6,715.20		\$ 2,798.00	\$ 9,513
		Exterior									
120		Window Flashing	426	LF	0%	426		\$ 6,386.70		\$ 1,916.01	\$ 8,303
121		Door Flashing	653	LF	0%	653		\$ 9,793.95		\$ 2,938.19	\$ 12,732
122		Bottom Flashing	282	LF	0%	282		\$ 4,236.45		\$ 1,270.94	\$ 5,507
123		Vapor Barrier	7346	SF	0%	7,346		\$ 3,673.12		\$ 1,101.94	\$ 4,775
		08- OPENINGS									\$ 221,715
		Doors Schedule									
124	A-602	Ext. Doors – W 14'-9" H 7'-4" W/ Glazing Door material W/ Aluminum frame	3	EA	0%	3		\$ 6,000.00		\$ 1,650.00	\$ 7,650
125	A-602	Ext. Doors – W 11'-4 5/8" H 7'-4" W/ Glazing Door material W/ Aluminum frame	3	EA	0%	3		\$ 5,490.00		\$ 1,290.00	\$ 6,780
126	A-602	Ext. Door – W 3'-0" H 7'-4" W/ Aluminum Door material W/ Aluminum frame	1	EA	0%	1		\$ 800.00		\$ 200.00	\$ 1,000
127	A-602	Ext. Door – W 8'-0" H 7'-0" (TBD Door material W/ TBD Frame)	1	EA	0%	1		\$ 1,530.00		\$ 430.00	\$ 1,960
128	A-602	Ext. Door – W 3'-6" H 3'-6" W/ Glazing Door material W/ Aluminum frame	3	EA	0%	3		\$ 1,650.00		\$ 600.00	\$ 2,250
129	A-602	Ext. Doors – W 6'-8" H 7'-4" W/ Glazing Door material W/ Aluminum frame	3	EA	0%	3		\$ 4,590.00		\$ 1,290.00	\$ 5,880
130	A-602	Ext. Doors – W 9'5 1/2" H 7'-4" W/ Glazing Door material W/ Aluminum frame	6	EA	0%	6		\$ 10,980.00		\$ 2,580.00	\$ 13,560
131	A-602	Ext. Doors – W 3'-6" H 7'-4" W/ Glazing Door material W/ Aluminum frame	5	EA	0%	5		\$ 4,000.00		\$ 1,000.00	\$ 5,000
132	A-602	Int. Door – W 2'-8" H 7'-0" W/ Glazing Door material W/ Aluminum frame W/ 1.5 HR Fire Rated	1	EA	0%	1		\$ 550.00		\$ 200.00	\$ 750
133	A-602	Int. Doors – W 3'-0" H 7'-0" W/ Glazing Door material W/ Aluminum frame W/ 1.5 HR Fire Rated	15	EA	0%	15		\$ 8,250.00		\$ 3,000.00	\$ 11,250
133	A-602	Int. Doors – W 4'-0" H 6'-8" W/ Wood Door material W/ Wood frame	11	EA	0%	11		\$ 14,850.00		\$ 5,558.48	\$ 20,408
134	A-602	Int. Doors – W 6'-0" H 6'-8" W/ Wood Door material W/ Wood frame	13	EA	0%	13		\$ 19,890.00		\$ 6,569.11	\$ 26,459
135	A-602	Int. Doors – W 1'-6" H 6'-8" W/ Wood Door material W/ Wood frame	4	EA	0%	4		\$ 2,112.00		\$ 1,684.39	\$ 3,796

136	A-602	Int. Doors – W 2'-8" H 6'-8" W/ Wood Door material W/ Wood frame	44	EA	0%	44		\$ 35,789.50		\$ 22,233.92	\$ 58,023
137	A-602	Int. Doors – W 2'-0" H 6'-8" W/ Wood Door material W/ Wood frame	9	EA	0%	9		\$ 6,100.48		\$ 3,789.87	\$ 9,890
		Windows									
138	A-602	Windows – W 6.67 H 6.48 W/ Aluminum frame material	12	EA	0%	12		\$ 27,600.00		\$ 6,000.00	\$ 33,600
139	A-602	Windows – W 3.83 H 7.33 W/ Aluminum frame material	3	EA	0%	3		\$ 3,600.00		\$ 840.00	\$ 4,440
		Trims									
140		Window Trims	426	LF	0%	426		\$ 1,256.05		\$ 591.83	\$ 1,848
141		Door Trims	1306	LF	0%	1,306		\$ 5,354.03		\$ 1,815.15	\$ 7,169
		09- FINISHES									\$ 372,080
		Exterior Finishes									
142	A-2.2	Stucco Finish	7346	SF	0%	7,346		\$ 11,680.52		\$ 73,462.40	\$ 85,143
		Cellar									
		Ceiling									
143	C-101	5/8" Gypsum board Type X W/ 1/2" Resilient Channel	3159	SF	0%	3,159		\$ 5,907.33		\$ 12,004.20	\$ 17,912
		Flooring									
144	C-101	¾" Floor Finish	3159	SF	0%	3,159		\$ 20,576.94		\$ 24,564.55	\$ 45,141
		Wall Finishes									
145	C-101	Paint @ Computer Room	260	SF	0%	260		\$ 338.00		\$ 182.00	\$ 520
146	C-101	Paint @ Group Parking Facility	3500	SF	0%	3,500		\$ 4,550.00		\$ 2,450.00	\$ 7,000
147	C-101	Paint @ Mechanical Room	630	SF	0%	630		\$ 819.00		\$ 441.00	\$ 1,260
148	C-101	Paint @ Refuse Room	260	SF	0%	260		\$ 338.00		\$ 182.00	\$ 520
149	C-101	Paint @ Stairs	1820	SF	0%	1,820		\$ 2,366.00		\$ 1,274.00	\$ 3,640
		First floor plan									
		Ceiling									
150	C-102	5/8" Gypsum board Type X W/ 1/2" Resilient Channel	3124	SF	0%	3,124		\$ 5,841.88		\$ 11,871.20	\$ 17,713
		Flooring									
151	C-102	¾" Floor Finish	3159	SF	0%	3,159		\$ 20,576.94		\$ 24,564.55	\$ 45,141
		Wall Finishes									
152	C-102	Paint @ Bathroom	1570	SF	0%	1,570		\$ 2,041.00		\$ 1,099.00	\$ 3,140
153	C-102	Paint @ Bedroom	2880	SF	0%	2,880		\$ 3,744.00		\$ 2,016.00	\$ 5,760
154	C-102	Paint @ Closet	2000	SF	0%	2,000		\$ 2,600.00		\$ 1,400.00	\$ 4,000
155	C-102	Paint @ HWH	170	SF	0%	170		\$ 221.00		\$ 119.00	\$ 340
156	C-102	Paint @ Living Room	3130	SF	0%	3,130		\$ 4,069.00		\$ 2,191.00	\$ 6,260
157	C-102	Paint @ Mechanical Room	630	SF	0%	630		\$ 819.00		\$ 441.00	\$ 1,260
158	C-102	Paint @ Stairs	2910	SF	0%	2,910		\$ 3,783.00		\$ 2,037.00	\$ 5,820
159	C-102	Wall Paint	270	SF	0%	270		\$ 351.00		\$ 189.00	\$ 540
		2nd Floor Plan									
		Ceiling									
160	C-103	5/8" Gypsum board Type X W/ 1/2" Resilient Channel	2867	SF	0%	2,867		\$ 5,361.29		\$ 10,894.60	\$ 16,256
		Flooring									
161	C-103	¾" Floor Finish	2867	SF	0%	2,867		\$ 18,674.92		\$ 22,293.95	\$ 40,969
		Wall Finishes									
162	C-103	Paint @ Bathroom	1350	SF	0%	1,350		\$ 1,755.00		\$ 945.00	\$ 2,700
163	C-103	Paint @ Bedroom	3770	SF	0%	3,770		\$ 4,901.00		\$ 2,639.00	\$ 7,540
164	C-103	Paint @ Closet	1360	SF	0%	1,360		\$ 1,768.00		\$ 952.00	\$ 2,720
165	C-103	Paint @ HWH	250	SF	0%	250		\$ 325.00		\$ 175.00	\$ 500
166	C-103	Paint @ Living Room	3440	SF	0%	3,440		\$ 4,472.00		\$ 2,408.00	\$ 6,880
167	C-103	Paint @ Mechanical Room	810	SF	0%	810		\$ 1,053.00		\$ 567.00	\$ 1,620
168	C-103	Paint @ Stairs	1200	SF	0%	1,200		\$ 1,560.00		\$ 840.00	\$ 2,400
		3rd Floor Plan									
		Ceiling									
169	C-104	5/8" Gypsum board Type X W/ 1/2" Resilient Channel	2798	SF	0%	2,798		\$ 5,232.26		\$ 10,632.40	\$ 15,865
		Wall Finishes									
170	C-104	Paint @ Bathroom	830	SF	0%	830		\$ 1,079.00		\$ 581.00	\$ 1,660

171	C-104	Paint @ Bedroom	2900	SF	0%	2,900		\$ 3,770.00		\$ 2,030.00	\$ 5,800
172	C-104	Paint @ Closet	1140	SF	0%	1,140		\$ 1,482.00		\$ 798.00	\$ 2,280
173	C-104	Paint @ HWH	260	SF	0%	260		\$ 338.00		\$ 182.00	\$ 520
174	C-104	Paint @ Living Room	2740	SF	0%	2,740		\$ 3,562.00		\$ 1,918.00	\$ 5,480
175	C-104	Paint @ Mechanical Room	520	SF	0%	520		\$ 676.00		\$ 364.00	\$ 1,040
176	C-104	Paint @ Stairs	1190	SF	0%	1,190		\$ 1,547.00		\$ 833.00	\$ 2,380
177	C-104	Paint @ Terrace	2180	SF	0%	2,180		\$ 2,834.00		\$ 1,526.00	\$ 4,360
10- SPECIALTIES											\$ 300,374
First floor plan											
178	A-101	Countertop	80	SF	0%	80		\$ 4,640.00		\$ 1,600.00	\$ 6,240
179	A-101	Bottom Caibnetry	24	LF	0%	24		\$ 1,053.78		\$ 504.48	\$ 1,558
180	A-101	Upper Caibnet	15	LF	0%	15		\$ 658.61		\$ 315.30	\$ 974
181	A-101	Glass Railing	114	LF	0%	114		\$ 57,000.00		\$ 23,940.00	\$ 80,940
182	A-101	Mail Box (UPSC Approved)	2	EA	0%	2		\$ 120.00		\$ 80.00	\$ 200
2nd Floor Plan											
183	A-102	Bottom Caibnetry	21	LF	0%	21		\$ 922.06		\$ 441.42	\$ 1,363
184	A-102	Upper Caibnet	15	LF	0%	15		\$ 658.61		\$ 315.30	\$ 974
185	A-102	Countertop	85	SF	0%	85		\$ 4,930.00		\$ 1,700.00	\$ 6,630
186	A-102	Glass Railing	91	LF	0%	91		\$ 45,500.00		\$ 19,110.00	\$ 64,610
Third Floor Plan											
187	A-103	Countertop	73	SF	0%	73		\$ 4,234.00		\$ 1,460.00	\$ 5,694
188	A-103	Glass Railing	90	LF	0%	90		\$ 45,000.00		\$ 18,900.00	\$ 63,900
189	A-103	Upper Caibnet	33	LF	0%	33		\$ 1,448.95		\$ 693.66	\$ 2,143
Roof Plan											
190	A-104	(5'-4"x5'-6") Solar Panels Over the Roof	48	EA	0%	48		\$ 21,600.00		\$ 3,600.00	\$ 25,200
191	A-104	Glass Railing	30	LF	0%	30		\$ 15,000.00		\$ 6,300.00	\$ 21,300
192	A-104	Pergola	215	SF	0%	215		\$ 7,310.00		\$ 2,193.00	\$ 9,503
Exterior											
193	A-2.2	Trellis	68	LF	0%	68		\$ 6,774.00		\$ 2,370.90	\$ 9,145
11- EQUIPMENT											\$ 14,580
First floor plan											
194	A-101	Referigerator	3	EA	0%	3		\$ 687.00		\$ 150.00	\$ 837
195	A-101	Cooking Range	3	EA	0%	3		\$ 3,297.00		\$ 819.00	\$ 4,116
2nd Floor Plan											
196	A-102	Cooking Range	3	EA	0%	3		\$ 3,297.00		\$ 819.00	\$ 4,116
197	A-102	Referigerator	3	EA	0%	3		\$ 687.00		\$ 150.00	\$ 837
3rd Floor Plan											
198	A-103	Referigerator	2	EA	0%	2		\$ 458.00		\$ 100.00	\$ 558
199	A-103	Cooking Range	3	EA	0%	3		\$ 3,297.00		\$ 819.00	\$ 4,116
14- CONVEYING EQUIPMENT											\$ 50,000
Elevator											
200	C101	(6'-0"x6'-6") Elevator	1	LOC	0%	1		\$ 45,000.00		\$ 5,000.00	\$ 50,000
21- FIRE SUPPRESSION											\$ 84,116
CELLAR RCP FP											
FP-102 Pipes											
201	FP-102	1 1/2" FIRE PIPE	5	LF	0%	5		\$ 50.50		\$ 71.15	\$ 122
202	FP-102	1 1/4" FIRE PIPE	31	LF	0%	31		\$ 279.00		\$ 441.13	\$ 720
203	FP-102	1" FIRE PIPE	277	LF	0%	277		\$ 1,939.00		\$ 3,941.71	\$ 5,881
204	FP-102	2 1/2" FIRE PIPE	15	LF	0%	15		\$ 286.50		\$ 213.45	\$ 500
205	FP-102	2" FIRE PIPE	42	LF	0%	42		\$ 630.00		\$ 610.68	\$ 1,241
206	FP-102	3" FIRE PIPE	88	LF	0%	88		\$ 1,936.00		\$ 1,320.00	\$ 3,256
FP-102 Plumbing Fixtures											
207	FP-102	ARI COMPRESSOR	1	EA	0%	1		\$ 298.00		\$ 85.00	\$ 383

208	FP-102	DRY ASSEMBLY	3	EA	0%	3		\$ 366.00		\$ 195.00	\$ 561
209	FP-102	SPRINKLER - TYPE 2 PENDENT	31	EA	0%	31		\$ 2,015.00		\$ 1,085.00	\$ 3,100
	FP-102	Valves									
210	FP-102	CURB VAVLE	1	EA	0%	1		\$ 24.50		\$ 16.65	\$ 41
	FP-102	1ST FLOOR RCP FP									
	FP-102	Pipes									
211	FP-102	1 1/2" FIRE PIPE	63	LF	0%	63		\$ 636.30		\$ 896.49	\$ 1,533
212	FP-102	1 1/4" FIRE PIPE	3	LF	0%	3		\$ 27.00		\$ 42.69	\$ 70
213	FP-102	1" FIRE PIPE	179	LF	0%	179		\$ 1,253.00		\$ 2,547.17	\$ 3,800
214	FP-102	2" FIRE PIPE	11	LF	0%	11		\$ 210.10		\$ 156.53	\$ 367
215	FP-102	3" FIRE PIPE	135	LF	0%	135		\$ 2,970.00		\$ 2,025.00	\$ 4,995
	FP-102	Plumbing Fixtures									
216	FP-102	SRPINKLER - TYPE 2 RECESSED PENDENT .K FACTOR 4.9	26	EA	0%	26		\$ 1,690.00		\$ 910.00	\$ 2,600
	FP-103	2ND FLOOR RCP FP									
	FP-103	Pipes									
217	FP-103	1 1/2" FIRE PIPE	59	LF	0%	59		\$ 595.90		\$ 839.57	\$ 1,435
218	FP-103	1" FIRE PIPE	143	LF	0%	143		\$ 1,001.00		\$ 2,034.89	\$ 3,036
219	FP-103	2" FIRE PIPE	35	LF	0%	35		\$ 668.50		\$ 498.05	\$ 1,167
220	FP-103	3" FIRE PIPE	24	LF	0%	24		\$ 528.00		\$ 360.00	\$ 888
	FP-103	Plumbing Fixtures									
221	FP-103	SRPINKLERS - TYPE RECESSED PENDENT K FACTOR 4.9-19	1	EA	0%	1		\$ 65.00		\$ 35.00	\$ 100
222	FP-103	SRPINKLERS - TYPE RECESSED PENDENT K FACTOR 4.9-25	1	EA	0%	1		\$ 90.00		\$ 35.00	\$ 125
	FP-103	3RD FLOOR RCP FP									
	FP-103	Pipes									
223	FP-103	1 1/2" FIRE PIPE	20	LF	0%	20		\$ 202.00		\$ 284.60	\$ 487
224	FP-103	1" FIRE PIPE	137	LF	0%	137		\$ 959.00		\$ 1,949.51	\$ 2,909
225	FP-103	2 1/2" FIRE PIPE	1	LF	0%	1		\$ 19.10		\$ 14.23	\$ 33
226	FP-103	2" FIRE PIPE	17	LF	0%	17		\$ 255.00		\$ 247.18	\$ 502
227	FP-103	3" FIRE PIPE	23	LF	0%	23		\$ 506.00		\$ 345.00	\$ 851
	FP-103	Valves									
228	FP-103	2 1/2" OS & Y VALVES	2	EA	0%	2		\$ 3,568.00		\$ 1,100.00	\$ 4,668
229	FP-103	3" CHECK VALVE	4	EA	0%	4		\$ 98.00		\$ 66.60	\$ 165
230	FP-103	3" OS & Y VALVES	14	EA	0%	14		\$ 27,720.00		\$ 7,700.00	\$ 35,420
	FP-103	Plumbing Fixtures									
231	FP-103	FLOOR CONTROL ASSEMBLY	2	EA	0%	2		\$ 900.00		\$ 560.00	\$ 1,460
232	FP-103	WATER METER	2	EA	0%	2		\$ 1,100.00		\$ 300.00	\$ 1,400
	FP-103	Sensors									
233	FP-103	TEMEPRATURE SENSOR	2	EA	0%	2		\$ 212.00		\$ 90.00	\$ 302
		22- PLUMBING									\$ 141,825
		CELLAR SW & VENT									
	P-102	Pipes									
234	P-102	6" Swerage Pipe from Property Line	96	LF	0%	96		\$ 341.76		\$ 695.04	\$ 1,037
235	P-102	4" SEWERAGE WATER PIPE	458	LF	0%	458		\$ 815.24		\$ 1,657.96	\$ 2,473
236	P-102	3" SEWERAGE WATER PIPE	67	LF	0%	67		\$ 119.26		\$ 242.54	\$ 362
237	P-102	2" VENT PIPE	143	LF	0%	143		\$ 1,437.15		\$ 2,755.61	\$ 4,193
238	P-102	3" VENT PIPE	31	LF	0%	31		\$ 311.55		\$ 597.37	\$ 909
239	P-102	4" VENT PIPE	150	LF	0%	150		\$ 2,250.00		\$ 3,450.00	\$ 5,700
	P-102	Fittings									
240	P-102	2" PIPE BEND 45 DEGREE	13	EA	0%	13		\$ 455.00		\$ 195.00	\$ 650
241	P-102	2" SW WYE	8	EA	0%	8		\$ 280.00		\$ 120.00	\$ 400
242	P-102	3" Dia Wye	1	EA	0%	1		\$ 35.00		\$ 15.00	\$ 50
243	P-102	3" SW BEND	9	EA	0%	9		\$ 315.00		\$ 135.00	\$ 450
244	P-102	3" SW WYE	5	EA	0%	5		\$ 175.00		\$ 75.00	\$ 250

245	P-102	3" TEE	1	EA	0%	1		\$ 35.00		\$ 15.00	\$ 50
246	P-102	4" EQUAL TEE	1	EA	0%	1		\$ 35.00		\$ 15.00	\$ 50
247	P-102	4" SW BEND 45 DEGREE .	28	EA	0%	28		\$ 980.00		\$ 420.00	\$ 1,400
248	P-102	4" SW DOUBLE WYE	3	EA	0%	3		\$ 105.00		\$ 45.00	\$ 150
249	P-102	4" SW WYE	30	EA	0%	30		\$ 1,050.00		\$ 450.00	\$ 1,500
	P-102	Drains									
250	P-102	(9"W. & 8'-0"L.) Trench Drain	1	EA	0%	1		\$ 275.00		\$ 50.00	\$ 325
251	P-102	AREA DRAIN	18	EA	0%	18		\$ 639.00		\$ 259.56	\$ 899
252	P-102	CLEAN OUT	1	EA	0%	1		\$ 183.00		\$ 42.28	\$ 225
253	P-102	FLOOR CLEAN OUT	2	EA	0%	2		\$ 370.00		\$ 84.56	\$ 455
254	P-102	FLOOR DRAINS	1	EA	0%	1		\$ 35.50		\$ 14.42	\$ 50
255	P-102	HOUSE TRAPS	4	EA	0%	4		\$ 496.00		\$ 168.00	\$ 664
		1ST FLOOR SW AND VENT PIPE									
	P-103	Pipes									
256	P-103	2" DIA HW PIPE	155	LF	0%	155		\$ 1,085.00		\$ 775.00	\$ 1,860
257	P-103	3" DIA CW PIPE	173	LF	0%	173		\$ 1,384.00		\$ 865.00	\$ 2,249
258	P-103	2" VENT PIPE	91	LF	0%	91		\$ 914.55		\$ 1,753.57	\$ 2,668
259	P-103	4" DIA VENT PIPE	93	LF	0%	93		\$ 1,395.00		\$ 2,139.00	\$ 3,534
	P-103	Fittings									
260	P-103	2" WYE	2	EA	0%	2		\$ 70.00		\$ 30.00	\$ 100
261	P-103	2" 45 DEGREE BEND	6	EA	0%	6		\$ 210.00		\$ 90.00	\$ 300
262	P-103	4" WYE	23	EA	0%	23		\$ 805.00		\$ 345.00	\$ 1,150
263	P-103	4" DIA 45 DEGREE BEND	3	EA	0%	3		\$ 105.00		\$ 45.00	\$ 150
264	P-103	2" TEES	11	EA	0%	11		\$ 385.00		\$ 165.00	\$ 550
		Second FLOOR PLAN									
	P-103	Pipes									
265	P-103	2" HW PIPE	34	LF	0%	34		\$ 238.00		\$ 170.00	\$ 408
266	P-103	3" DIA CW PIPE	91	LF	0%	91		\$ 728.00		\$ 455.00	\$ 1,183
267	P-103	2" VENT PIPE	82	LF	0%	82		\$ 824.10		\$ 1,580.14	\$ 2,404
268	P-103	3" dia vent pipe	43	LF	0%	43		\$ 432.15		\$ 828.61	\$ 1,261
	P-103	Fittings									
269	P-103	3" WYE	10	EA	0%	10		\$ 350.00		\$ 150.00	\$ 500
270	P-103	3" DIA BEND 45 DEGREE	41	EA	0%	41		\$ 1,435.00		\$ 615.00	\$ 2,050
271	P-103	2" Dia 90 Bend	3	EA	0%	3		\$ 105.00		\$ 45.00	\$ 150
272	P-103	2" Dia 45 Bend	28	EA	0%	28		\$ 980.00		\$ 420.00	\$ 1,400
273	P-103	2" vent pipe WYe	6	EA	0%	6		\$ 210.00		\$ 90.00	\$ 300
	P-103	Drains									
274	P-103	FLOOR DRAINS	14	EA	0%	14		\$ 497.00		\$ 201.88	\$ 699
		Third FLOOR SW AND VENT PLAN									
	P-104	Pipes									
275	P-104	2" DIA HW PIPE	127	LF	0%	127		\$ 889.00		\$ 635.00	\$ 1,524
276	P-104	3" DIA HW PIPE	23	LF	0%	23		\$ 184.00		\$ 115.00	\$ 299
277	P-104	4" DIA CW PIPE	90	LF	0%	90		\$ 990.00		\$ 450.00	\$ 1,440
	P-104	Drains									
278	P-104	AREA DRAIN	3	EA	0%	3		\$ 106.50		\$ 43.26	\$ 150
279	P-104	CLEANOUTS	2	EA	0%	2		\$ 366.00		\$ 84.56	\$ 451
280	P-104	FLOOR DRAINS	5	EA	0%	5		\$ 177.50		\$ 72.10	\$ 250
		ROOF SW AND VENT PLN									
	P-104	Plumbing Fixtures									
281	P-104	4" VENT THROUGH ROOF PIPE	3	EA	0%	3		\$ 96.00		\$ 45.00	\$ 141
	P-104	Drains									
282	P-104	ROOF DRAINS	6	EA	0%	6		\$ 372.00		\$ 270.00	\$ 642
283	P-104	10" SCUPPER FOR EMERGENVY DRAIN	3	EA	0%	3		\$ 135.00		\$ 105.00	\$ 240
		CELLAR HW AND CW PLAN									
	P-105	Pipes									
284	P-105	1 1/2" DIA CW PIPE	89	LF	0%	89		\$ 854.40		\$ 1,266.47	\$ 2,121
285	P-105	3/4" DIA CW PIPE	124	LF	0%	124		\$ 644.80		\$ 1,031.68	\$ 1,676

	P-105	Fittings									
286	P-105	1 1/2" CW Bend	7	EA	0%	7		\$ 245.00		\$ 105.00	\$ 350
287	P-105	1 1/2" CW Tees	3	EA	0%	3		\$ 105.00		\$ 45.00	\$ 150
		1ST FLOOR HW AND CW PLAN									
	P-105	Pipes									
288	P-105	1 1/2" DIA CW PIPE	10	LF	0%	10		\$ 96.00		\$ 142.30	\$ 238
289	P-105	1 1/4" CW PIPE	69	LF	0%	69		\$ 621.00		\$ 981.87	\$ 1,603
290	P-105	1" CW pipe	82	LF	0%	82		\$ 533.00		\$ 682.24	\$ 1,215
291	P-105	1" HW PIPE	42	LF	0%	42		\$ 273.00		\$ 349.44	\$ 622
292	P-105	3/4" CW PIPE	48	LF	0%	48		\$ 249.60		\$ 399.36	\$ 649
293	P-105	3/4" HW PIPE	118	LF	0%	118		\$ 613.60		\$ 981.76	\$ 1,595
	P-105	Fittings									
294	P-105	1" CW BEND	14	EA	0%	14		\$ 490.00		\$ 210.00	\$ 700
295	P-105	1" CW TEES	15	EA	0%	15		\$ 525.00		\$ 225.00	\$ 750
296	P-105	3/4" CW bend	25	EA	0%	25		\$ 875.00		\$ 375.00	\$ 1,250
297	P-105	3/4" CW tees	10	EA	0%	10		\$ 350.00		\$ 150.00	\$ 500
	P-105	Plumbing Fixtures									
298	P-105	CW SUB METER	3	EA	0%	3		\$ 1,650.00		\$ 450.00	\$ 2,100
299	P-105	WATER HEATER WITH EXPANSION TANK Type: AO Smith	4	EA	0%	4		\$ 3,646.08		\$ 1,092.00	\$ 4,738
	P-105	Valves									
300	P-105	HOSE BIB	3	EA	0%	3		\$ 1,230.00		\$ 536.19	\$ 1,766
301	P-105	SHUTOFF VALVE WITH ACCEES PANEL OIN CEILING	2	EA	0%	2		\$ 49.00		\$ 33.30	\$ 82
		Second FLOOR HW AND CW PIPE									
	P-106	Pipes									
302	P-106	1 1/4" DIA CW PIPE	31	LF	0%	31		\$ 279.00		\$ 441.13	\$ 720
303	P-106	1" DIA CW PIPE	67	LF	0%	67		\$ 435.50		\$ 557.44	\$ 993
304	P-106	1" HW PIPE DIA	28	LF	0%	28		\$ 182.00		\$ 232.96	\$ 415
305	P-106	3/4" DIA CW PIPE	94	LF	0%	94		\$ 488.80		\$ 782.08	\$ 1,271
306	P-106	3/4" HW PIPE	93	LF	0%	93		\$ 483.60		\$ 773.76	\$ 1,257
	P-106	Fittings									
307	P-106	1 1/4 HW Tees	2	EA	0%	2		\$ 70.00		\$ 30.00	\$ 100
308	P-106	1 1/4" Bend	3	EA	0%	3		\$ 105.00		\$ 45.00	\$ 150
309	P-106	1" hw Bend	8	EA	0%	8		\$ 280.00		\$ 120.00	\$ 400
310	P-106	1" HW Tees	9	EA	0%	9		\$ 315.00		\$ 135.00	\$ 450
311	P-106	3/4 HW 90Bend	15	EA	0%	15		\$ 525.00		\$ 225.00	\$ 750
312	P-106	3/4 Tees	17	EA	0%	17		\$ 595.00		\$ 255.00	\$ 850
		3RD FLOOR HW AND CW PLAN									
	P-106	Pipes									
313	P-106	1" DIA CW PIPE	68	LF	0%	68		\$ 442.00		\$ 565.76	\$ 1,008
314	P-106	1" DIA HW PIPE	20	LF	0%	20		\$ 130.00		\$ 166.40	\$ 296
315	P-106	3/4" DIA CW PIPE	88	LF	0%	88		\$ 457.60		\$ 732.16	\$ 1,190
316	P-106	3/4" HW PIPE	71	LF	0%	71		\$ 369.20		\$ 590.72	\$ 960
	P-106	Drains									
317	P-106	AREA DRAIN	22	EA	0%	22		\$ 539.00		\$ 366.30	\$ 905
318	P-106	SHUT OFF VALVE WITH ACCESS PANEL	6	EA	0%	6		\$ 147.00		\$ 99.90	\$ 247
	P-106	Plumbing Fixtures									
319	P-106	WATER HEATER WITH EXPANSION TANK Type: AO Smith	5	EA	0%	5		\$ 4,557.60		\$ 1,365.00	\$ 5,923
320	P-106	CW SUB METER	5	EA	0%	5		\$ 2,750.00		\$ 750.00	\$ 3,500
		Roof Plan									
	P-107	Valves									
321	P-107	Hose Bib (HB-1)	3	EA	0%	3		\$ 1,230.00		\$ 536.19	\$ 1,766
		Plumbing Fixtures Details									
322	P-600	Sump Pump (SP-1)	1	EA	0%	1		\$ 184.00		\$ 85.00	\$ 269
323	P-600	washer/dryer (CW-1)	8	EA	0%	8		\$ 8,288.00		\$ 2,640.00	\$ 10,928
324	P-600	Washer (CW-2)	8	EA	0%	8		\$ 5,272.00		\$ 680.00	\$ 5,952
325	P-600	Dryer (DR)	1	EA	0%	1		\$ 378.44		\$ 85.00	\$ 463
326	P-600	Lavatory (LA-1)	14	EA	0%	14		\$ 4,863.60		\$ 6,115.56	\$ 10,979

327	P-600	Kitchen Sink (S-1)	9	EA	0%	9		\$ 2,952.90		\$ 3,075.70	\$ 6,029
328	P-600	Water Closet (WC-1)	14	EA	0%	14		\$ 6,214.60		\$ 5,054.50	\$ 11,269
329	P-600	Back Flow Preventer (CW-BFP) Manuf.: Zurn	1	EA	0%	1		\$ 300.00		\$ 85.00	\$ 385
23- HEATING, VENTILATING & AIR- CONDITIONING											
HVAC CELLAR PLAN											
	M-101	HVAC Ducts									
330	M-101	12"X6" OUTSIDE AIR RISER HVAC Ducts	6	EA	0%	6		\$ 96.00		\$ 48.00	\$ 144
331	M-101	4" DIA HVAC DUCT	236	LF	0%	236		\$ 3,304.00		\$ 2,360.00	\$ 5,664
332	M-101	4" FLEXIBLE DUCT	27	LF	0%	27		\$ 378.00		\$ 270.00	\$ 648
333	M-101	5" DIA HVAC DUCT	216	LF	0%	216		\$ 3,456.00		\$ 2,160.00	\$ 5,616
334	M-101	5" FLEXIBLE DUCT	9	LF	0%	9		\$ 144.00		\$ 90.00	\$ 234
	M-101	Sensors									
335	M-101	CO Sensor	1	EA	0%	1		\$ 106.00		\$ 45.00	\$ 151
	M-101	Equipments									
336	M-101	Electric Unit Heater (EFFH-1); Manuf.: Com-Pak; Heating Capacity:1KW; Weight:7Lbs	8	EA	0%	8		\$ 7,292.16		\$ 2,184.00	\$ 9,476
337	M-101	ERV Equipment (ERV) Zhender Weight: 62Lbs; (10.55x26.3x34)	3	EA	0%	3		\$ 4,650.00		\$ 2,550.00	\$ 7,200
338	M-101	Exhaust Fan (SF-A) Manuf.: Greenheck (50-53 CFM)	1	EA	0%	1		\$ 350.00		\$ 50.00	\$ 400
339	M-101	EXHUAST FAN, MANUF: GREENHECK, 30-42 CFM ,	1	EA	0%	1		\$ 350.00		\$ 50.00	\$ 400
340	M-101	Indoor Mini-Spilt Unit (IDU-1) Manuf.: Mistubishi Electric; Weight 29Lbs	1	EA	0%	1		\$ 210.00		\$ 60.00	\$ 270
341	M-101	Indoor Mini-Spilt Unit (IDU-2) Manuf.: Mistubishi Electric; Weight 24.5Lbs	6	EA	0%	6		\$ 1,139.88		\$ 360.00	\$ 1,500
342	M-101	Indoor Mini-Spilt Unit (IDU-3) Manuf.: Mistubishi Electric; Weight 31.3Lbs	3	EA	0%	3		\$ 840.00		\$ 180.00	\$ 1,020
343	M-101	Outdoor Mini-Spilt Unit (ODU-1) Manuf.: Mistubishi Electric; Weight 83Lbs	1	EA	0%	1		\$ 325.00		\$ 110.00	\$ 435
	M-101	Second FLOOR HVAC PLAN									
	M-101	HVAC Ducts									
344	M-101	12"X6" OUTSIDE AIR RISER	6	EA	0%	6		\$ 96.00		\$ 48.00	\$ 144
345	M-101	4" DIA HVAC DUCT	162	LF	0%	162		\$ 2,268.00		\$ 1,620.00	\$ 3,888
346	M-101	4" FLEXIBLE DUCT	36	LF	0%	36		\$ 504.00		\$ 360.00	\$ 864
347	M-101	5" DIA HVAC DUCT	156	LF	0%	156		\$ 2,496.00		\$ 1,560.00	\$ 4,056
	M-101	Equipments									
348	M-101	ERV Equipment (ERV) Zhender Weight: 62Lbs; (10.55x26.3x34)	3	EA	0%	3		\$ 4,650.00		\$ 2,550.00	\$ 7,200
349	M-101	Indoor Mini-Spilt Unit (IDU-2) Manuf.: Mistubishi Electric; Weight 24.5Lbs	8	EA	0%	8		\$ 1,519.84		\$ 480.00	\$ 2,000
350	M-101	Indoor Mini-Spilt Unit (IDU-3) Manuf.: Mistubishi Electric; Weight 31.3Lbs	3	EA	0%	3		\$ 840.00		\$ 180.00	\$ 1,020
	M-102	Third FLOOR HVAC PLAN									
	M-102	HVAC Ducts									
351	M-102	12"X6" OUTSIDE AIR RISER	6	EA	0%	6		\$ 96.00		\$ 48.00	\$ 144
352	M-102	4" DIA HVAC DUCT	121	LF	0%	121		\$ 1,694.00		\$ 1,210.00	\$ 2,904
353	M-102	4" FLEXIBLE DUCT	42	LF	0%	42		\$ 588.00		\$ 420.00	\$ 1,008
354	M-102	5" DIA HVAC DUCT	142	LF	0%	142		\$ 2,272.00		\$ 1,420.00	\$ 3,692
	M-102	Equipments									
355	M-102	ERV Equipment (ERV) Zhender Weight: 62Lbs; (10.55x26.3x34)	3	EA	0%	3		\$ 4,650.00		\$ 2,550.00	\$ 7,200
356	M-102	Indoor Mini-Spilt Unit (IDU-2) Manuf.: Mistubishi Electric; Weight 24.5Lbs	6	EA	0%	6		\$ 1,139.88		\$ 360.00	\$ 1,500
357	M-102	Indoor Mini-Spilt Unit (IDU-3) Manuf.: Mistubishi Electric; Weight 31.3Lbs	3	EA	0%	3		\$ 840.00		\$ 180.00	\$ 1,020
	M-103	ROOF PLAN HVAC									
	M-103	HVAC Ducts									
358	M-103	12"X6" EXHUAST DUCT	41	LF	0%	41		\$ 656.00		\$ 328.00	\$ 984
359	M-103	5" Dia HVAC Duct W/ Goose Neck End	160	LF	0%	160		\$ 2,880.00		\$ 1,600.00	\$ 4,480

	M-103	Equipments									
360	M-103	Parking Garage Exhaust Fan (EF-A) W/ 18" Curb	1	EA	0%	1		\$ 380.00		\$ 50.00	\$ 430
361	M-103	12"x6" Exhaust Air	4	EA	0%	4		\$ 1,400.00		\$ 200.00	\$ 1,600
		Equipments Details									
362	M-400	Exhaust Grille (EG-A) ; Manuf.: Hart & Cooley (EG-A) 30 CFM	14	EA	0%	14		\$ 3,916.50		\$ 784.00	\$ 4,701
363	M-400	Supply Grille (SG-A) Manuf.: Hart & Cooley 15CFM	23	EA	0%	23		\$ 5,750.00		\$ 1,288.00	\$ 7,038
364	M-400	24"x18" Intake Louver (SG-B) Manuf.: Green Heck	1	EA	0%	1		\$ 295.00		\$ 60.00	\$ 355
365	M-400	18"X12" Intake Louver (SG-C) Manuf.: Green Heck	1	EA	0%	1		\$ 155.00		\$ 60.00	\$ 215
366	M-400	Exhaust Grille (EG-B) ; Manuf.: Titus (EG-B) 2200 CFM	1	EA	0%	1		\$ 550.00		\$ 85.00	\$ 635
367	M-400	Radiant Heating Schedule (RFH-1) 208V	3	EA	0%	3		\$ 5,100.00		\$ 1,530.00	\$ 6,630
368	M-400	Radiant Heating Schedule (RFH-2) 208V	1	EA	0%	1		\$ 1,700.00		\$ 510.00	\$ 2,210
369	M-400	Radiant Heating Schedule (RFH-3) 208V	8	EA	0%	8		\$ 13,600.00		\$ 4,080.00	\$ 17,680
370	M-400	Radiant Heating Schedule (RFH-4) 208V	2	EA	0%	2		\$ 3,400.00		\$ 1,020.00	\$ 4,420
		26- ELECTRICAL									\$ 145,304
		Cellar Power Plan									
		Receptacles									
371	E-101	(GFI) Wall Mounted Dplex Receptacle with single Gang Box	4	EA	0%	4		\$ 240.00		\$ 120.00	\$ 360
372	E-101	(Weather Proof) (GFI) Wall mounted Duplex Receptacle	6	EA	0%	6		\$ 390.00		\$ 180.00	\$ 570
373	E-101	Wall Mounted Duplex Receptacle inside single Gang Box	8	EA	0%	8		\$ 440.00		\$ 240.00	\$ 680
374	E-101	Wall Mounted Spcial Purpose with single gang box	3	EA	0%	3		\$ 150.00		\$ 90.00	\$ 240
	E-101	Switches									
375	E-101	Fused Disconnect Switch	2	EA	0%	2		\$ 220.00		\$ 90.00	\$ 310
376	E-101	Motor Operated Switch	7	EA	0%	7		\$ 721.00		\$ 315.00	\$ 1,036
377	E-101	Unfused Disconnect Switch	5	EA	0%	5		\$ 550.00		\$ 225.00	\$ 775
378	E-101	AC Disconnect Switch	3	EA	0%	3		\$ 330.00		\$ 135.00	\$ 465
379	E-101	DC Disconnect Switch	3	EA	0%	3		\$ 330.00		\$ 135.00	\$ 465
380	E-101	Fused Electric Disconnect Switch 3P, 1200A	3	EA	0%	3		\$ 2,478.00		\$ 450.00	\$ 2,928
	E-101	Equipment Connection									
381	E-101	Equipment Connection (SWMP)	1	EA	0%	1		\$ 59.00		\$ 55.00	\$ 114
	E-101	Misc. Devices									
382	E-101	Fire Smoke Detector	1	EA	0%	1		\$ 116.00		\$ 45.00	\$ 161
383	E-101	Main Electric Meter	3	EA	0%	3		\$ 1,650.00		\$ 450.00	\$ 2,100
384	E-101	Junction Box	1	EA	0%	1		\$ 180.00		\$ 75.00	\$ 255
385	E-101	Solar Inverter	3	EA	0%	3		\$ 1,740.00		\$ 450.00	\$ 2,190
386	E-101	Service End Box	3	EA	0%	3		\$ 492.00		\$ 225.00	\$ 717
387	E-101	Transformer Con Edison Trans "S" (400A)	1	EA	0%	1		\$ 1,030.00		\$ 380.00	\$ 1,410
388	E-101	Wire Thru	4	EA	0%	4		\$ 80.00		\$ 40.00	\$ 120
389	E-101	Electric Submeter	9	EA	0%	9		\$ 4,950.00		\$ 1,350.00	\$ 6,300
390	E-101	(120/208V,3P,400A) Siemens Terminal Box	2	EA	0%	2		\$ 328.00		\$ 150.00	\$ 478
391	E-101	Grounding Bus Bar	3	EA	0%	3		\$ 60.00		\$ 30.00	\$ 90
392	E-101	Electrical Closet	21	LF	0%	21		\$ 5,066.25		\$ 4,340.39	\$ 9,407
	E-101	Electrical Panel Schedule									
393	E-101	Electric Panel "T33" "Main; 100A 120/208 Wye	1	EA	0%	1		\$ 1,350.00		\$ 350.00	\$ 1,700
394	E-101	Electrical Panel "EPP"	1	EA	0%	1		\$ 1,350.00		\$ 350.00	\$ 1,700
395	E-101	Electrical Panel "LL" "Main: 100A 120/208 Wye	1	EA	0%	1		\$ 1,350.00		\$ 350.00	\$ 1,700
396	E-101	ELectrical Panel "T11/T21" "Main: 100A 120/208 Wye	1	EA	0%	1		\$ 1,350.00		\$ 350.00	\$ 1,700
397	E-101	Electrical Panel "T12/T13" "Main: 100A 120/208 Wye	1	EA	0%	1		\$ 1,350.00		\$ 350.00	\$ 1,700
398	E-101	Electrical Panel "T22/T23" "Main: 100A 120/208 Wye	1	EA	0%	1		\$ 1,350.00		\$ 350.00	\$ 1,700
399	E-101	Electrical Panel "T31" Main: 100A 120/208 Wye	1	EA	0%	1		\$ 1,350.00		\$ 350.00	\$ 1,700
400	E-101	Electrical Panel "T32" "Main: 100A 120/208Wye	1	EA	0%	1		\$ 1,350.00		\$ 350.00	\$ 1,700
	E-101	First Power Plan									
	E-101	Receptacles									
401	E-101	(GFI) Wall mounted Duplex Receptacle	18	EA	0%	18		\$ 1,080.00		\$ 540.00	\$ 1,620
402	E-101	(Weather Proof) GFI(Wall Mounted Duplex Receptacle with single Gang box)	3	EA	0%	3		\$ 195.00		\$ 90.00	\$ 285

403	E-101	Wall Mounted Duplex Receptacle with single Gang Box	51	EA	0%	51	\$	2,805.00	\$	1,530.00	\$	4,335
404	E-101	Wall Mounted Special Purpose inside single Gang box	3	EA	0%	3	\$	150.00	\$	90.00	\$	240
	E-101	Switches										
405	E-101	Unfused Disconnect switch	2	EA	0%	2	\$	220.00	\$	90.00	\$	310
406	E-101	Motor Operated switch	14	EA	0%	14	\$	1,442.00	\$	630.00	\$	2,072
	E-101	Equipment Connection										
407	E-101	Equipment Connection "IDU"	3	EA	0%	3	\$	177.00	\$	165.00	\$	342
408	E-101	Equipment Connection (EFFH-1)	2	EA	0%	2	\$	118.00	\$	110.00	\$	228
409	E-101	EQUIPMENT Connection (IDU-2)	6	EA	0%	6	\$	354.00	\$	330.00	\$	684
	E-101	Sensors										
410	E-101	Smoke and Carbon Monoxide Detector	12	EA	0%	12	\$	1,392.00	\$	540.00	\$	1,932
	E-101	Misc. Devices										
411	E-101	(J) JUNCTION BOX	14	EA	0%	14	\$	2,520.00	\$	1,050.00	\$	3,570
	E-102	2nd Floor Power Plan										
	E-102	Receptacles										
412	E-102	Wall Mounted Duplex Receptacle with single Gang Box	55	EA	0%	55	\$	3,025.00	\$	1,650.00	\$	4,675
413	E-102	Wall mounted Special Purpose with single Gang Box	3	EA	0%	3	\$	150.00	\$	90.00	\$	240
414	E-102	Weather Proof (GFI) Wall Mouted Double Duplex Receptacle with	1	EA	0%	1	\$	65.00	\$	30.00	\$	95
415	E-102	(GFI)Wall Mounted Double Duplex Receptacle with single Gang b	17	EA	0%	17	\$	1,020.00	\$	510.00	\$	1,530
	E-102	Switches										
416	E-102	Motor Operated switch	13	EA	0%	13	\$	1,339.00	\$	585.00	\$	1,924
417	E-102	Unfused Disconnect Switch	3	EA	0%	3	\$	330.00	\$	135.00	\$	465
	E-102	Sensors										
418	E-102	Smoke And Carbon Monoxide Detector	14	EA	0%	14	\$	1,624.00	\$	630.00	\$	2,254
	E-102	Equipment Connection										
419	E-102	Equipment Connection (IDU-2)	6	EA	0%	6	\$	354.00	\$	330.00	\$	684
420	E-102	Equipment Connection (IDU-3)	3	EA	0%	3	\$	177.00	\$	165.00	\$	342
	E-102	Misc. Devices										
421	E-102	Junction Box (J)	8	EA	0%	8	\$	1,440.00	\$	600.00	\$	2,040
	E-102	3rd Floor Power Plan										
	E-102	Receptacles										
422	E-102	Wall Mounted Special Purpose with single Gang Box	3	EA	0%	3	\$	165.00	\$	90.00	\$	255
423	E-102	Wall Mounted Duplex Receptacle inside single Gang Box	43	EA	0%	43	\$	2,150.00	\$	1,290.00	\$	3,440
424	E-102	Weather Proof (GFI)Wall Mounted Duplex Receptacle with single	6	EA	0%	6	\$	390.00	\$	180.00	\$	570
425	E-102	(GFI) Wall Mounted Duplex Receptacle with single Gang box	15	EA	0%	15	\$	900.00	\$	450.00	\$	1,350
	E-102	Switches										
426	E-102	Motor Operated Switch	14	EA	0%	14	\$	1,442.00	\$	630.00	\$	2,072
427	E-102	Unfused Disconnect Switch	3	EA	0%	3	\$	330.00	\$	135.00	\$	465
	E-102	Sensors										
428	E-102	Smoke and Carbon Monoxide Detector	12	EA	0%	12	\$	1,392.00	\$	540.00	\$	1,932
	E-102	Equipment Connection										
429	E-102	Equipment Connection	3	EA	0%	3	\$	177.00	\$	165.00	\$	342
430	E-102	Equipment Connection (IDU-2)	6	EA	0%	6	\$	354.00	\$	330.00	\$	684
	E-102	Misc. Devices										
431	E-102	Junction Box	9	EA	0%	9	\$	1,620.00	\$	675.00	\$	2,295
	E-103	Roof Power Plan										
	E-103	Switches										
432	E-103	(WeatherProof) Motor Operated Switch	1	EA	0%	1	\$	103.00	\$	45.00	\$	148
433	E-103	Unfused Disconnect Switch	9	EA	0%	9	\$	990.00	\$	405.00	\$	1,395
	E-103	Equipment Connection										
434	E-103	Equipment Connection (ODU-2)	8	EA	0%	8	\$	472.00	\$	440.00	\$	912
435	E-103	Eiupment Connection (EF-A)	1	EA	0%	1	\$	59.00	\$	55.00	\$	114
	E-104	Cellar Lighting Plan										
	E-104	Lights										
436	E-104	(F2/EM) Exterior wall Sconce	5	EA	0%	5	\$	1,125.00	\$	275.00	\$	1,400
437	E-104	(F3) 4" Liner (Star,Mech Room, Cell Coridoor)	14	EA	0%	14	\$	1,190.00	\$	770.00	\$	1,960
438	E-104	(F3/EM) 4" Liner (Star,Mech Room, Cell Coridoor)	11	EA	0%	11	\$	1,210.00	\$	605.00	\$	1,815

439	E-104	(F5) Corridor Recessed	2	EA	0%	2		\$	130.00		\$	110.00	\$	240
440	E-104	Exit Sign Light	3	EA	0%	3		\$	240.00		\$	105.00	\$	345
	E-104	Switches												
441	E-104	Occupancy Sensor Switch	2	EA	0%	2		\$	130.00		\$	70.00	\$	200
442	E-104	Single Pole Switch	5	EA	0%	5		\$	275.00		\$	175.00	\$	450
443	E-104	Unfused Disconnect Switch	4	EA	0%	4		\$	440.00		\$	180.00	\$	620
444	E-104	Weatherproof single Pole Switch	5	EA	0%	5		\$	325.00		\$	175.00	\$	500
	E-104	Sensors												
445	E-104	Ceiling Mounted Occupancy Sensor	5	EA	0%	5		\$	515.00		\$	225.00	\$	740
446	E-104	(PC) Photo Cell	1	EA	0%	1		\$	99.00		\$	45.00	\$	144
	E-104	First Floor Lightning Plan												
	E-104	Lights												
447	E-104	(F1) Exterior Recessed	9	EA	0%	9		\$	585.00		\$	315.00	\$	900
448	E-104	(F1/EM) Exterior Recessed	2	EA	0%	2		\$	140.00		\$	110.00	\$	250
449	E-104	(F2/EM) Exterior-Wall Sconce	1	EA	0%	1		\$	225.00		\$	55.00	\$	280
450	E-104	(F3) 4" Linear (Stair,Mech Room Cell Corridor)	6	EA	0%	6		\$	510.00		\$	330.00	\$	840
451	E-104	(F5) Corridor-Recessed	3	EA	0%	3		\$	195.00		\$	165.00	\$	360
452	E-104	(F5/EM) Corridor Recessed	3	EA	0%	3		\$	210.00		\$	165.00	\$	375
453	E-104	(F6) Lighted Medicine Cabinet	7	EA	0%	7		\$	1,225.00		\$	385.00	\$	1,610
454	E-104	(F7) Residential Recessed	45	EA	0%	45		\$	2,925.00		\$	1,575.00	\$	4,500
455	E-104	(F8) 1'-0"L. Under Cabinet light	6	EA	0%	6		\$	210.00		\$	90.00	\$	300
456	E-104	(F9) Bathroom Recessed	6	EA	0%	6		\$	390.00		\$	210.00	\$	600
457	E-104	Ceiling Fan Light	5	EA	0%	5		\$	865.00		\$	375.00	\$	1,240
458	E-104	Exit sign Light	5	EA	0%	5		\$	400.00		\$	175.00	\$	575
	E-104	Switches												
459	E-104	Dimmer Switch	14	EA	0%	14		\$	1,120.00		\$	490.00	\$	1,610
460	E-104	Single Pole Switch	24	EA	0%	24		\$	1,320.00		\$	840.00	\$	2,160
461	E-104	Weather Proof single pole Switch	3	EA	0%	3		\$	195.00		\$	105.00	\$	300
	E-104	Sensors												
462	E-104	Ceiling Mounted Occupancy Sensor	2	EA	0%	2		\$	206.00		\$	90.00	\$	296
463	E-104	(PC) Photo Cell	1	EA	0%	1		\$	99.00		\$	45.00	\$	144
	E-105	2nd Floor lighting Plan												
	E-105	Lights												
464	E-105	(F1) Exterior Recessed	5	EA	0%	5		\$	325.00		\$	175.00	\$	500
465	E-105	(F3/EM) 4" Linear(Stair, Mech Room,Cell Corridor)	7	EA	0%	7		\$	770.00		\$	385.00	\$	1,155
466	E-105	(F4) Ceiling Fan Light	12	EA	0%	12		\$	2,076.00		\$	900.00	\$	2,976
467	E-105	(F5) Corridor Recessed	1	EA	0%	1		\$	70.00		\$	55.00	\$	125
468	E-105	(F6) Lighted Medicine Cabinet	5	EA	0%	5		\$	875.00		\$	275.00	\$	1,150
469	E-105	(F7) Residential Recessed	49	EA	0%	49		\$	3,185.00		\$	1,715.00	\$	4,900
470	E-105	(F8) 1'-0"L. Under Cabinet Light	6	EA	0%	6		\$	210.00		\$	90.00	\$	300
471	E-105	(F9) Bathroom Recessed	5	EA	0%	5		\$	325.00		\$	175.00	\$	500
472	E-105	Exit Sign Light	3	EA	0%	3		\$	240.00		\$	105.00	\$	345
	E-105	Switches												
473	E-105	Dimmer Switch Mounted	16	EA	0%	16		\$	1,280.00		\$	560.00	\$	1,840
474	E-105	Single Pole Switch	23	EA	0%	23		\$	1,265.00		\$	805.00	\$	2,070
	E-105	Third Floor Lighting Plan												
	E-105	Lights												
475	E-105	(F1) Exterior Recessed	12	EA	0%	12		\$	780.00		\$	420.00	\$	1,200
476	E-105	(F3) 4" Linear (Stair,Mech Room,Cell Corridor)	6	EA	0%	6		\$	660.00		\$	330.00	\$	990
477	E-105	(F4) Ceiling Fan Light	9	EA	0%	9		\$	1,557.00		\$	675.00	\$	2,232
478	E-105	(F6) Lighted Medicine Cabinet	2	EA	0%	2		\$	350.00		\$	110.00	\$	460
479	E-105	(F7) Residential Recessed	44	EA	0%	44		\$	2,860.00		\$	1,540.00	\$	4,400
480	E-105	(F8) 1'-0"L. Under Cabinet LIGHT	6	EA	0%	6		\$	210.00		\$	90.00	\$	300
481	E-105	(F9) Bathroom Recessed	3	EA	0%	3		\$	195.00		\$	105.00	\$	300
482	E-105	Exit Sign Light	3	EA	0%	3		\$	240.00		\$	105.00	\$	345
	E-105	Switches												
483	E-105	Dimmer Switch	13	EA	0%	13		\$	1,040.00		\$	455.00	\$	1,495

484	E-105	Single Pole Switch	21	EA	0%	21		\$ 1,155.00		\$ 735.00	\$ 1,890	
485	E-105	Unfused Disconnect Switch	3	EA	0%	3		\$ 330.00		\$ 135.00	\$ 465	
28- ELECTRONIC SAFETY & SECURITY											\$ 11,614	
Cellar Fire Alarm Plan												
486	FA-101	Ceiling Mounted Smoke Detector	4	EA	0%	4		\$ 464.00		\$ 180.00	\$ 644	
487	FA-101	Ceiling Mounted Smoke Detector Elevator Lobby	1	EA	0%	1		\$ 116.00		\$ 45.00	\$ 161	
488	FA-101	Manual Pull Station	3	EA	0%	3		\$ 267.00		\$ 135.00	\$ 402	
489	FA-101	Monitoring Module	23	EA	0%	23		\$ 1,564.00		\$ 1,035.00	\$ 2,599	
490	FA-101	Carbon Monoxide Detector	3	EA	0%	3		\$ 318.00		\$ 135.00	\$ 453	
491	FA-101	Sprinkler Tamper Switch	18	EA	0%	18		\$ 450.00		\$ 270.00	\$ 720	
492	FA-101	Sprinkler Waterflow Switch	3	EA	0%	3		\$ 75.00		\$ 45.00	\$ 120	
493	FA-101	Fire Alarm Control Panel	1	EA	0%	1		\$ 1,250.00		\$ 150.00	\$ 1,400	
494	FA-101	Control Module	1	EA	0%	1		\$ 89.00		\$ 45.00	\$ 134	
495	FA-101	FSD Device	1	EA	0%	1		\$ 75.00		\$ 50.00	\$ 125	
First Floor Fire Alarm Plan												
496	FA-101	Remote Annunciator	1	EA	0%	1		\$ 35.00		\$ 15.00	\$ 50	
497	FA-101	Manual Pull Station	5	EA	0%	5		\$ 445.00		\$ 225.00	\$ 670	
498	FA-101	Fire Alarm Strobe	4	EA	0%	4		\$ 528.00		\$ 180.00	\$ 708	
Second Floor Fire Alarm Plans												
499	FA-101	Manual Pull Station	3	EA	0%	3		\$ 267.00		\$ 135.00	\$ 402	
Third Floor Fire ALARM Plan												
500	FA-101	Manual Pull Station	3	EA	0%	3		\$ 267.00		\$ 135.00	\$ 402	
501	FA-101	Control Module	3	EA	0%	3		\$ 267.00		\$ 135.00	\$ 402	
502	FA-101	Ceiling Mounted Smoke Detector Elevator Lobby	1	EA	0%	1		\$ 116.00		\$ 45.00	\$ 161	
503	FA-101	Ceiling Mounted Smoke Detector	3	EA	0%	3		\$ 348.00		\$ 135.00	\$ 483	
504	FA-101	Monitoring Module	3	EA	0%	3		\$ 204.00		\$ 135.00	\$ 339	
505	FA-101	Automatic Actuator	3	EA	0%	3		\$ 1,014.00		\$ 225.00	\$ 1,239	
31- EARTHWORK											\$ 155,474	
Floor Plans												
506	EA-00	Excavation	1197	CY	0%	1,197		\$ -		\$ 117,913.40	\$ 117,913	
507	EA-00	Backfill	717	CY	0%	717		\$ -		\$ 37,561.09	\$ 37,561	
SUB TOTAL								\$ 1,638,332	\$ 1,263,768	\$ 2,902,100	\$ 2,902,100	
INSURANCE								10%	\$ 163,833	\$ 126,377	\$ 290,210	\$ 290,210
OVERHEAD AND PROFIT								20%	\$ 327,666	\$ 252,754	\$ 580,420	\$ 580,420
TOTAL BASE BID								\$ 2,129,831	\$ 1,642,899	\$ 3,772,730	\$ 3,772,730	



GENERAL SHEET NOTES

1. THE PRIMARY AUTHORITY OF ALL RECORD OR PROPOSED CHANGES IS THE LOCAL JURISDICTION.
2. ALL DIMENSIONS AND LOCATIONS SHALL BE REFERENCED TO THE SHOWN ADJACENT PROPERTY LINES UNLESS OTHERWISE NOTED.

SHEET KEYNOTES

KEY	NOTE
1	CHANGING PRICE
2	SOLAR PANEL STRUCTURE
3	DOOR ROOF HATCH
4	STREET SIGN



KEY	NOTE
1	Solar Panel Structure 865.0 SQ FT
2	Door Roof Hatch 3.0
3	Fire Hydrant 1.0
4	Chain Link Fence 106.4 FT
5	Street Sign 1.0
6	Concrete Sidewalk 1,177.1 SQ FT

PROJECT NO. 2024-001
 PROJECT DATE: 05/2024
 DRAWN BY: [Name]
 CHECKED BY: [Name]

DATE: 05/2024

SCALE: As Indicated

C-100



1. SITE PLAN
 SCALE: 1/8" = 1'-0"

LEGEND

ABBREVIATIONS

1	SEWER
2	WATER
3	STORM
4	DRY
5	REAR YARD DRAIN
6	TRENCH DRAIN
7	CONCRETE PAVEMENT
8	BRICK PAVEMENT
9	ASPHALT PAVEMENT
10	GRAVEL
11	GRASS
12	WOOD DECK
13	WOOD PORCH
14	WOOD PATIO
15	WOOD WALKWAY
16	WOOD STAIRS
17	WOOD FENCE
18	WOOD SIGN
19	WOOD SIGN POST
20	WOOD SIGN BASE
21	WOOD SIGN LETTERS
22	WOOD SIGN GRAPHIC
23	WOOD SIGN LIGHT
24	WOOD SIGN MOUNTING
25	WOOD SIGN POST BRACKET
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DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER AND SEWER OPERATIONS

SITE PLAN - SITE CONNECTION PROPOSAL SCP#

PROJECT INFORMATION

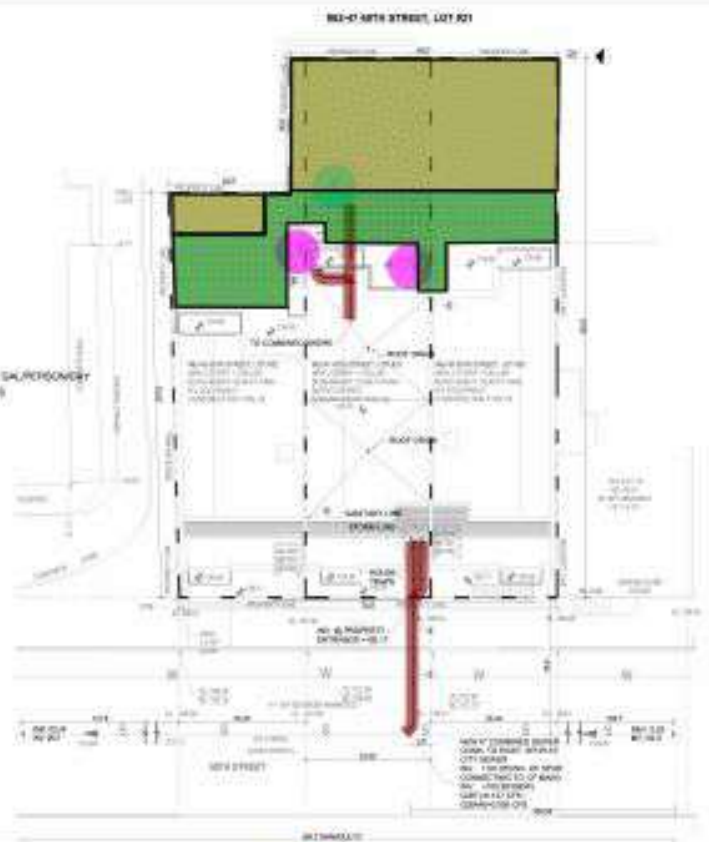
PROJECT: 2021-000001
 ADDRESS: 43-17 74 STREET
 CITY: BAY
 ZIP CODE: 11354
 PLANNING DISTRICT: 200
 COMMUNITY BOARD: CB 2004
 COUNCILMAN: ADRIANO PAZ
 SUPERVISOR: JIM MATTHEWS
 DISTRICT MANAGER: JIM MATTHEWS

SITE
 NUMBER OF BUILDINGS: 1
 NUMBER OF DWELLING UNITS: 30
 CONNECTION TO EXISTING SEWER

LOT AREA: 3,302 SF = 0.076 ACRES
 ROOF AREA: 960 SF = 0.022 ACRES
 PAVED AREA: 360 SF = 0.008 ACRES
 GRASS AREA: 90 SF = 0.002 ACRES

CONNECTION OF SEWER AT MAIN
 RW: 11.50' (3.26M)
 SW: 11.50' (3.26M)
 THICKNESS: 18" (457.2MM)
 SLOPE: 0.015' (3.81MM)
 EXIST. SPAN: 6'
 15% OF 12" (305MM) S.E.V.
 FH: 128.30 + 0.75 = +127.55

SUMMARY
 ZONING: R70
 POPULATION DENSITY: 90 PERSONS/ACRE, 190 PERSONS/ACRE
 Q₁₀: 1,000 GPM (37.85 L/S)
 PEAK FACTOR: 4
 Q₁₀: 4,000 GPM (151.4 L/S)



HYDRAULIC CALCULATIONS

STORM

TOTAL SITE AREA: 3,302 SQ FT
 ROOF AREA: 960 SQ FT x 0.35 RUNOFF COEFFICIENT
 PAVED AREA: 360 SQ FT x 0.85 RUNOFF COEFFICIENT
 GRASS AREA: 90 SQ FT x 0.05 RUNOFF COEFFICIENT
 Q₁₀ (ROOF+PAVED+GRASS) = 3,211 CFS

ALLOWABLE STORM FLOW FOR SITES 15,000 SQ FT OR LESS
 Q₁₀ = 1200 + 16.000 = 3,117 CFS
 Q₁₀ (ROOF+PAVED+GRASS) = 3,211 CFS
 Q₁₀ (ALLOWED) - Q₁₀ (ACTUAL) = 94 CFS
 Q₁₀ (ACTUAL) - Q₁₀ (ALLOWED) = 94 CFS

RELEASE RATE PER DRAIN
 USING AT LEAST TWO ROOF DRAINS FOR EACH ROOF UP TO 15,000 SQ FT
 N = NUMBER OF ROOF DRAINS = 2
 Q₁₀ = THE MAXIMUM RELEASE RATE FROM EACH DRAIN, CFS
 Q₁₀ = THE ALLOWABLE RELEASE RATE FROM ROOF OF DETENTION BASIN
 Q₁₀ = 3,211 CFS / 2 = 1,605.5 CFS = 128 GPM

REQUIRED STORAGE VOLUME
 V₁ = REQUIRED STORAGE VOLUME, FT³
 V₁ = 0.000164 x (4,000 - 3,211) x 2 x 120 = 120 FT³
 A = TOTAL ROOF AREA, FT² = 960 FT²
 H = 12.5'

AVAILABLE STORAGE VOLUME
 V₂ = AVAILABLE STORAGE VOLUME, FT³
 BASED ON THE ROOF SLOPE TYPE, IN DIRECTION, THE AVAILABLE VOLUME IS:
 V₂ = 54 FT³

SIZE: V₂ < V₁ IS CHECKED
DEPTH OF FLOW AT DRAINS
 Q₁₀ = THE RELEASE RATE FROM EACH DRAIN, CFS (CALCULATED ABOVE)
 Q₁₀ = THE RELEASE RATE PER ACRA OF PAVING AS PER MANUFACTURED SPECIFICATIONS, GPM x 4.71
 Q₁₀ = THE ROOF DRAIN DEPTH OF FLOW, IN
 Q₁₀ = 3,211 CFS / 4.71
 Q₁₀ = 680 x 0.000164 = 0.111 IN
 D₁₀ = AVERAGE LENGTH IN FT. OF A ROOF DRAIN AREA, FT.
 D₁₀ = DEPTH OF SLOPED ROOF (WITH SLOPE OF 2%) x A
 D₁₀ = 12.5' x 0.02 = 0.25125 x 12.5 = 3.14 FT
 D₁₀ = MINIMUM REQUIRED DEPTH OF ROOF FROM HIGHEST ROOF, IN
 D₁₀ = 1.0 IN
 S.O.H. = HEIGHT IN INCHES OF SECONDARY DRAINS ABOVE PRIMARY DRAIN NEXT TO
 S.O.H. = 18 IN

SIZE: S.O.H. < D₁₀ IS CHECKED
MAXIMUM ALLOWABLE ROOF WATER DEPTH
 H_L = 0.01 x Q₁₀
 H_L = 3.211 IN

CONTROLLED-FLOW MAXIMUM ROOF WATER DEPTH

ROOF AREA (SQUARE FEET)	MAXIMUM ROOF WATER DEPTH (INCHES)
0	0
100	0.3
200	0.6
300	0.9
400	1.2

SIZE: H_L < H_{max} IS CHECKED
 H_{max} = 1.2 IN

APPLICANT INFORMATION

NAME: JACOV SARIC RA
 ADDRESS: 300 W 47TH ST
 CITY: NEW YORK, NY 10019
 PHONE: 212 364 1111

REVISIONS

NO.	DATE	DESCRIPTION
1	09/27/2021	ISSUED FOR PERMIT

CERTIFICATION BOX (dep use only)

- NOTES**
- ALL WORK SHOWN HEREIN SHALL BE IN ACCORDANCE WITH ALL CITY, STATE AND FEDERAL REGULATIONS AND STANDARDS.
 - NO EXISTING SEWER CONNECTIONS HAVE BEEN FOUND AT THE VISUAL SURVEY OF THE SITE. THE EXISTING SEWER CONNECTIONS TO THE MAIN SEWER SHALL BE MADE AT THE MAIN SEWER LINE.
 - EXISTING UTILITIES SHOWN ARE BASED ON UTILITY INFORMATION OBTAINED FROM TOPOGRAPHICAL AND UTILITIES SURVEYS BY 30 APRIL 2021. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES (ELECTRIC, TELEPHONE, GAS, WATER, ETC.) AND SHOW ON SURVEY PLANS.
 - BEFORE START OF CONSTRUCTION, CONTRACTOR SHALL REQUEST COORDINATE WITH ALL UTILITIES (ELECTRIC, WATER, GAS, TELEPHONE, CABLE, ETC.) AND NOTIFY ALL UTILITIES OF THE WORK TO BE DONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND UTILITIES.
 - SEE SITE CONNECTION TO THE SEWER TO BE MADE AT THE MAIN SEWER LINE.

LIST OF MATERIALS

NO.	DESCRIPTION	QUANTITY
1	6" Sewer Pipe	76.8 FT
2	12" Sewer Pipe	15.1 FT
3	6" Sewer Manhole	1
4	6" Sewer Access Cover	1
5	6" Sewer Access Cover	1



Table with 4 columns: No., Description, Quantity, Unit

No.	Description	Quantity	Unit
1	6" Sewer Pipe	76.8	FT
2	12" Sewer Pipe	15.1	FT
3	6" Sewer Manhole	1	
4	6" Sewer Access Cover	1	
5	6" Sewer Access Cover	1	

JACOV SARIC RA
 DATE: 09/27/2021

NY-REGISTERED PROFESSIONAL ENGINEER
 NAME: JACOV SARIC RA
 ADDRESS: 300 W 47TH ST
 CITY: NEW YORK, NY 10019
 TELEPHONE NUMBER: 212 364 1111

Trench Drain	2.0	1.0
Rear Yard Drain	1.0	1.0
Brick Pavement	819.8 SQ FT	1.0
6" (6") Sewer Pipe	76.8 FT	1.0
Concrete Pavement	1,328.6 SQ FT	1.0

Scale: 3/32" = 1'-0"



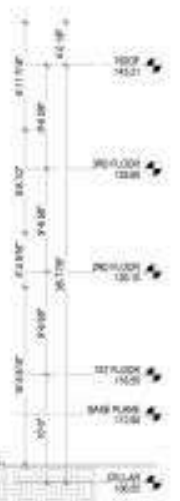
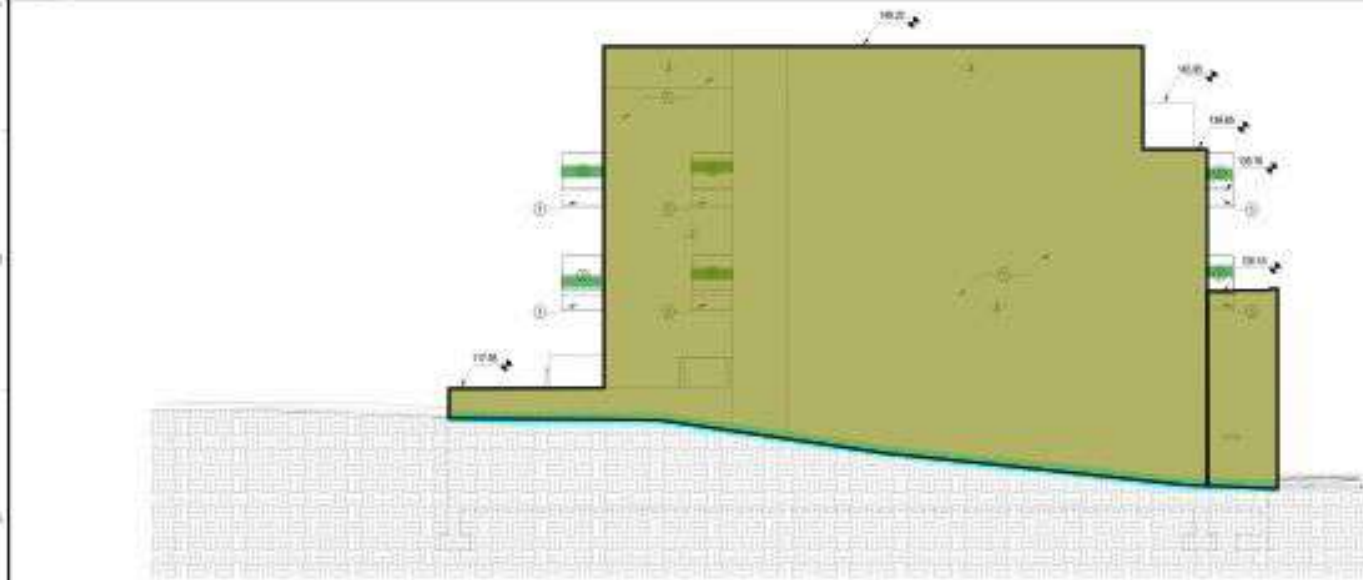
SHEET KEYNOTES

KEY	NOTES
1	WALL/DOOR
2	GLASS RAILING
3	TRUSS
4	GLASSY
5	WINDOW
6	STUCCO
7	EXTERIOR COURT



Window Flashing	196.6 FT	Blue
Door Flashing	314.5 FT	Pink
Trellis	67.7 FT	Brown
Bottom Flashing	148.3 FT	Cyan
Stucco Finish	3,881.5 SQ FT	Olive Green
Glass Railing	38.1 FT	Dark Green

1 SOUTH ELEVATION
 Scale: 3/16" = 1'-0"

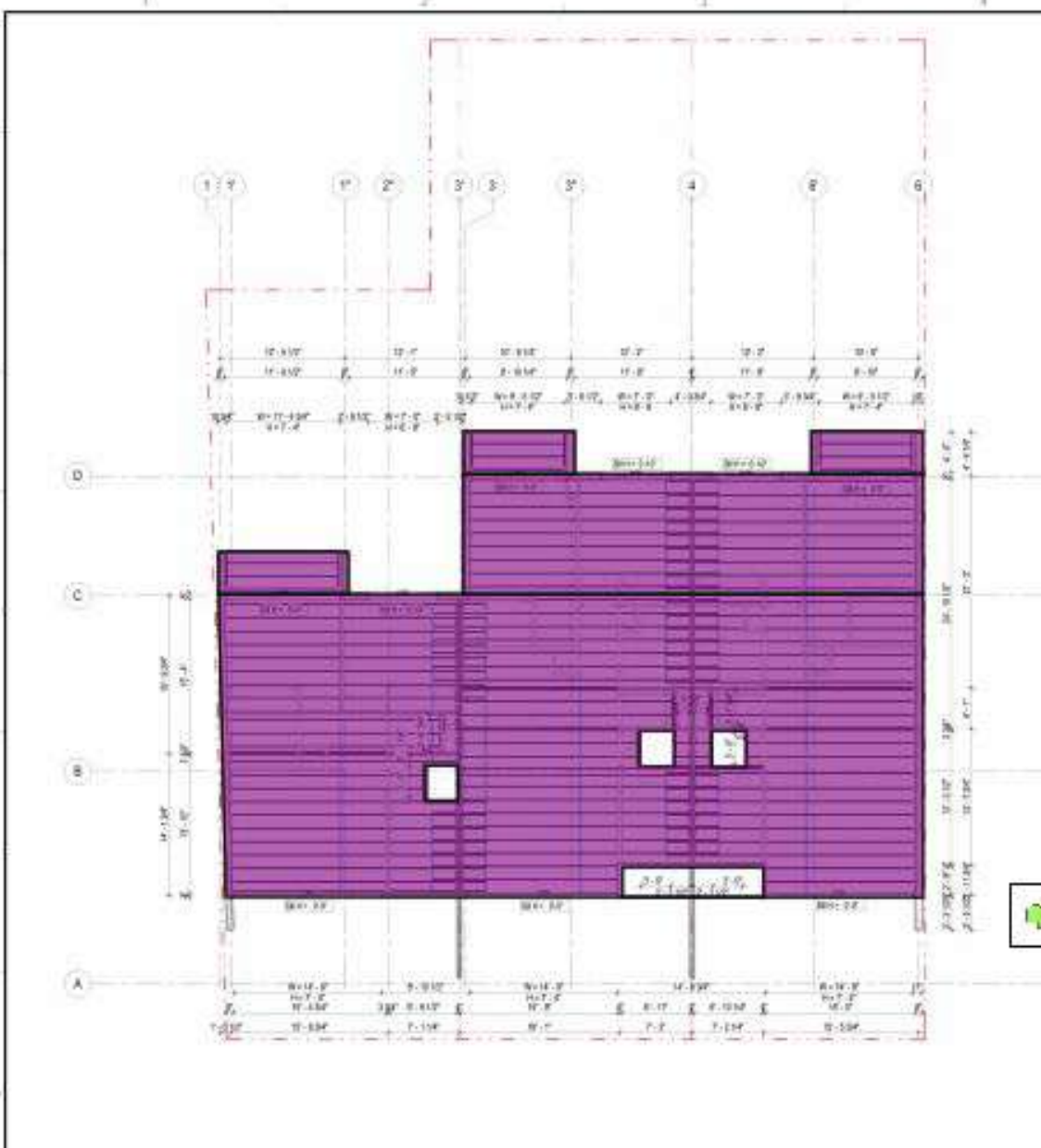


2 WEST ELEVATION
 Scale: 3/16" = 1'-0"

BACKSIGHT TO BULLS
 NO. 345 34500'

PROJECT: 03
 PROJECT: 03
 DRAWN BY: ADAM
 CHECKED BY: NODE P.C.
 SHEET NO:
 EXTERIOR ELEVATION

SCALE: As Shown
 Drawing: Exterior
C-201
 SHEET NO:
 DATE: 10/20/20



LEGEND SYMBOLS

KEY	SYMBOL	NOTE
A	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
B	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
C	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
D	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
E	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
F	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
G	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
H	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
I	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
J	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
K	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
L	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
M	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
N	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
O	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
P	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
Q	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
R	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
S	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00
T	--- (Dashed line)	NEW CONC. DEERING WALL SEE DETAILS @ 1000-01-00

Architecture
Engineering
Consulting P.C.

NODE

1000 W. 10th Street
Des Moines, IA 50319
515.281.1111

Project Address
1000 W. 10th Street
Des Moines, IA 50319

Project Name
NEW 2nd FLY - COLLAR
RECONSTRUCTION

Scale
AS SHOWN

Date
10/12/2010

ROOF FRAMING PLAN (2" CONCRETE SLAB)

2. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

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NOTES

1. FOR OTHER REQUIREMENTS OF STRUCTURAL COMPONENTS AND MATERIALS, REFER TO SPECIFICATIONS.
2. COORDINATE WITH ALL OTHER TRADES AND SERVICES IN ORDER TO AVOID CONFLICTS AND ETC. CHANGES. PROVIDE DOUBLE CHECKS BEFORE PROCEEDING WITH ANY WORK.
3. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
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1 ROOF FRAMING PLAN
Scale: 3/8" = 1'-0"

(2") Concrete Slab 688.3 SQ FT

PROJECT NO.	1000 W. 10th Street
PROJECT DATE	10/12/2010
DESIGNER	Architecture Engineering Consulting P.C.
DATE	10/12/2010
SCALE	AS SHOWN
SHEET NO.	S-104 .00
TOTAL SHEETS	10



1 CELLAR
 C-101
 3/16" = 1'-0"

GENERAL SHEET NOTES

1. ALL WALL CONSTRUCTION REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES, REFER TO SHEET S-001.
3. FOR DOOR AND WINDOW SCHEDULES, REFER TO SHEET W-001.
4. FOR ANCHORS AND BOLTS FROM ENLARGED HEADS, REFER TO SHEET S-001.
5. COLLARS AND ALL FLOOR ENGINES TO BE REWORKED WITH 1/4" DIA. ANCHORS AFTER APPROVAL OF NEW BUILDING DOCUMENTS.

SHEET KEYNOTES

REV	NOTE
1	GARAGE DOOR
2	FLOOR PLAN
3	SCOTTS PARKING
4	GLAZING CLINET

•• Cellar	0.0	
⌋ Wall type 3	9.2 FT	
⌋ Wall type 2	246.4 FT	
⌋ Wall Type 1	114.5 FT	
•• (6'-0"x6'-6") Elevator	1.0	
Area	4,010.6 SQ FT	



ARCHITECT
 ALEX LIGAS
 CIVIL ENGINEER
 100 WESTBROOK AVE.
 WESTBORO, MA 01581

PROJECT NUMBER
 2024-000-0042
 SHEET NO. 1101

DATE
 07/01/2024
 11:00 AM EDT

PROJECT TITLE
 100 WESTBROOK AVE.
 1101 - 1102

PROJECT NO.
 2024-000-0042
 SHEET NO. 1101

PROJECT NO.
 2024-000-0042
 SHEET NO. 1101

SCALE
 As Shown
 (unless otherwise specified)

C-101
 SHEET NO.
 1101



1 1ST FLOOR PLAN
 C-102 3/16" = 1'-0"

GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES REFER TO SHEET S-01.
3. FOR DOOR AND WINDOW SCHEDULES REFER TO SHEET W-01.
4. FOR SIGN SCHEDULES AND SIGNAGE SCHEDULES REFER TO SHEET S-02.

5. ALL WORK AND 1ST FLOOR ELEMENTS TO BE REVIEWED WITH THE CITY AGENCIES AFTER APPROVAL OF NEW BUILDING DOCUMENTS.

SHEET KEYNOTES

REV	NOTE
1	ISSUED FOR PERMITS
2	REVISION - CITY APPROVAL

Architecture
 Engineering
 Consulting, P.C.

NODE

1000 WEST 10TH AVENUE
 SUITE 100
 DENVER, CO 80202
 (303) 733-1100
 www.nodearch.com



OWNER
 ALDI USA
 REALTY LLC
 100 WEST 10TH AVENUE
 DENVER, CO 80202

PROJECT NUMBER
 C-102-000-0000
 DENVER, CO 80202

DATE
 07/20/2018

PROJECT NAME
 ALDI STORE #10000
 100 WEST 10TH AVENUE
 DENVER, CO 80202

PROJECT NO.
 C-102

DESIGNED BY
 ADMIN

CHECKED BY
 ADMIN

SCALE
 As Shown

SHEET NO.
 C-102

••	First floor plan	0.0	●
■	Wall Type 3	11.7 FT	■
■	Wall type 2	208.0 FT	■
■	Wal Type 1	20.1 FT	■
■	Wall Type 1A	9.3 FT	■
■	Area	4,410.0 SQ FT	■



1 2ND FLOOR PLAN
 1/8" = 1'-0"

GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES REFER TO SHEET S-01.
3. FOR DOOR AND WINDOW SCHEDULES REFER TO SHEET A-01.
4. FOR ANCHOR BOLTS AND SCHEDULES ENLARGED REFER TO SHEET S-02.

COLLARS AND 1ST FLOOR BEAMS TO BE RECORDED WITH THE CITY AGENTS AFTER APPROVAL OF NEW BUILDING DOCUMENTS.

SHEET KEYNOTES

REV	NOTE
1	GLASS FINISH

Wall Type 3	59.2 FT	
2nd Floor Plan	0.0	
Wall Type 8	23.3 FT	
Wall Type 2	150.6 FT	
Area	3,932.1 SQ FT	



OWNER:
 ALDI LEAS
 REALTY LLC
 100 WESTBROOK AVENUE
 WESTBORO, MA 01581

PROJECT NUMBER:
 02-0000000
 OXFORD, MA 01545

PROJECT NAME:
 NEW 2 STORY - COLLAR
 RECONSTRUCTION, 02-0000000

DESIGNER:
 ARCHITECTURE
 ENGINEERING
 CONSULTING, P.C.
 100 WESTBROOK AVENUE
 WESTBORO, MA 01581

PROJECT: 02
 PROJECT NO: 02-0000000
 DRAWING: ARCH
 CHECKED BY: RJA/P.C.

SHEET TITLE:
 FLOOR PLAN

SCALE:
 As Shown
 (Overall) 1/8" = 1'-0"

SHEET NO:
 C-103

DATE:
 02/20/2020



GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES REFER TO SHEET S-01.
3. FOR DOOR AND WINDOW SCHEDULES REFER TO SHEET A-01.
4. FOR ANCHOR BOLTS AND SCHEDULES ENLARGED REFER TO SHEET S-02.

COLLARS AND 1ST FLOOR SLABMENTS TO BE RECORDED WITH THE CITY AGENTS AFTER APPROVAL OF NEW BUILDING DOCUMENTS.

SHEET KEYNOTES

REV	NOTE
1	ISSUE FINISH

Architecture
Engineering
Consulting, P.C.

NODE

1000 STATE ST
SUITE 200
ROSELAND, NJ 07068

PROJECT OF ENGINEER OF RECORD



OWNER
ALDI USA
CORP. REALTY LLC
100 WESTBROOK AVENUE
ROSELAND, NJ 07068

PROJECT NUMBER
6040-000-0000
02/2014

PROJECT NAME
NEW 3 STORY - COLLAR
RESIDENTIAL, 6040-000-0000

•••	3rd Floor Plan	0.0	●
—	Wall Type 3	124.6 FT	■
—	Wall Type 2	72.3 FT	■
■	Area	3,717.7 SQ FT	■

SCALE: AS SHOWN ON SHEET
NO. 301

PROJECT: 6040
PROJECT OWNER: BESTSTEP
OWNER/CLIENT: ALDI USA
CHECKED BY: NODE P.C.

SHEET TITLE
FLOOR PLAN

SCALE: As Shown
Drawing Update

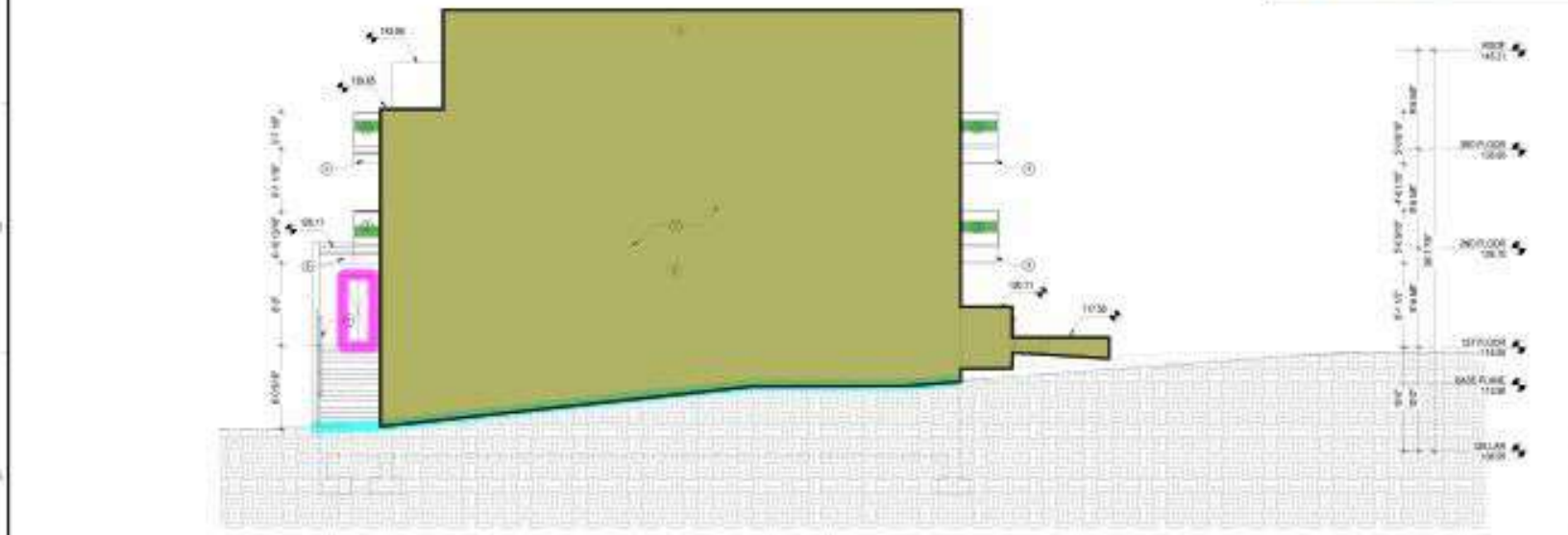
C-104

SHEET NO.
REVISIONS

1 3RD FLOOR PLAN
3/16" = 1'-0"



1 NORTH ELEVATION
 GRD 3/16" = 1'-0"



2 EAST ELEVATION
 GRD 3/16" = 1'-0"

SHEET KEYNOTES	
1	WINDOW FLASHING
2	DOOR FLASHING
3	BOTTOM FLASHING
4	STUCCO FINISH
5	GLASS RAILING

Architecture
 Engineering
 Consulting, P.C.
NODE

Window Flashing	229.2 FT
Door Flashing	338.4 FT
Bottom Flashing	134.2 FT
Stucco Finish	3,464.7 SQ FT
Glass Railing	169.0 FT

PROJECT NUMBER
 0000000000
 DATE: 07/1/2020

PROJECT NAME
 2 STORY - COLLAR
 (SINGLE - 1000 SQ FT)

PROJECT LOCATION
 1000 METROPOLITAN AVE
 WASHINGTON, NY 11781

PROJECT OWNER
 1000 METROPOLITAN AVE
 WASHINGTON, NY 11781

PROJECT ARCHITECT
 ARCHITECTURE ENGINEERING CONSULTING, P.C.
 1000 METROPOLITAN AVE
 WASHINGTON, NY 11781

PROJECT NO.
 0000000000

DATE
 07/1/2020

SCALE
 As Shown

SHEET NO.
 C-202

TOTAL SHEETS
 02



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

GENERAL SHEET NOTES	
• First floor plan	0.0
Wall Type 3	11.7 FT
Wall type 2	173.2 FT
Wall Type 6A	122.4 FT
Wall Type 7	281.3 FT
wall type 6	80.6 FT
Wall Type 8	38.6 FT
Wal Type 1	20.6 FT
Wall Type 1A	9.3 FT
Wall Type 4	21.9 FT
Knee Wall	24.3 FT
M.R on Wall Type 8	9.4 FT
M.R on Wall Type 7	21.5 FT
F4 - 5/8" Gypsum board Type X W/ 1/2" ...	3,123.4 SQ FT
• 5 Ext. Doors - W 3'-6" H 7'-4" W/ Glazing Door ...	1.0
• 6 Ext. Doors - W 9'5 1/2" H 7'-4" W/ Glazing Do...	1.0
• 3 Ext. Doors - W 14'-9" H 7'-4" W/ Glazing Door ...	1.0
• 1 Ext. Door - W 3'-0" H 7'-4" W/ Aluminum Door ...	1.0
• 3 Ext. Doors - W 11'-4 5/8" H 7'-4" W/ Glazing D...	1.0
• 3 Ext. Doors - W 6'-8" H 7'-4" W/ Glazing Door ...	1.0
• 1 Ext. Door - W 8'-0" H 7'-0"	1.0
• 3 Ext. Door - W 3'-6" H 3'-6" W/ Glazing Door m...	1.0
• 15 Int. Doors - W 3'-0" H 7'-0" W/ Glazing Door ...	1.0
• 1 Int. Door - W 2'-8" H 7'-0" W/ Glazing Door m...	1.0
• 44 Int. Doors - W 2'-8" H 6'-8" W/ Wood Door m...	1.0
• 13 Int. Doors - W 6'-0" H 6'-8" W/ Wood Door m...	1.0
• 11 Int. Doors - W 4'-0" H 6'-8" W/ Wood Door ma...	1.0
• 4 Int. Doors - W 1'-6" H 6'-8" W/ Wood Door mat...	1.0
• 9 Int. Doors - W 2'-0" H 6'-8" W/ Wood Door mat...	1.0
• 12 Windows - W 6.67 H 6.48 W/ Aluminum fra...	1.0
• 3 Windows - W 3.83 H 7.33 W/ Aluminum fram...	1.0
Paint @ Bedroom	287.8 FT
Paint @ Living Room	313.0 FT
Paint @ Bathroom	156.1 FT
Paint @ Closet	199.1 FT
Paint @ Mechanical Room	62.3 FT
Paint @ Stairs	290.3 FT
Paint @ HWH	16.9 FT
Wall Paint	26.6 FT



GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES REFER TO SHEET S-01.
3. FOR DOOR AND WINDOW SCHEDULES REFER TO SHEET W-01.
4. FOR ANCHORS AND BATHROOM ENLARGED DETAILS REFER TO SHEET S-02.
5. COLLAR AND 1ST FLOOR ELEMENTS TO BE REDUCED WITH 1/4" DIA. ANCHORS AFTER APPROVAL OF NEW BUILDING DOCUMENTS.

SHEET KEYNOTES

REV	NOTE
1	ERRATA DOOR
2	FLOOR PLAN
3	SCISSOR PARTIAL
4	GLAZING CLASH

Cellar	0.0	
Wall type 3	9.2 FT	
Wall type 2	232.3 FT	
Wall type 6	98.2 FT	
Wall Type 1	118.0 FT	
Wall Type 1A	7.3 FT	
F3 - 5/8" Gypsum bo...	3,158.1 SQ FT	
Paint @ Group Parking Fa...	349.1 FT	
Paint @ Stairs	181.4 FT	
Paint @ Refuse Room	25.5 FT	
Paint @ Computer Room	25.7 FT	
Paint @ Mechanical Room	63.0 FT	
Elevator Mechanical Room	21.3 FT	



ALDI LIGAS
OWNER L.L.C.
100 W. METROPOLITAN AVE.
ROSELAND, NY 11423

PROJECT NUMBER
6142-000-0002
October, NY 11423

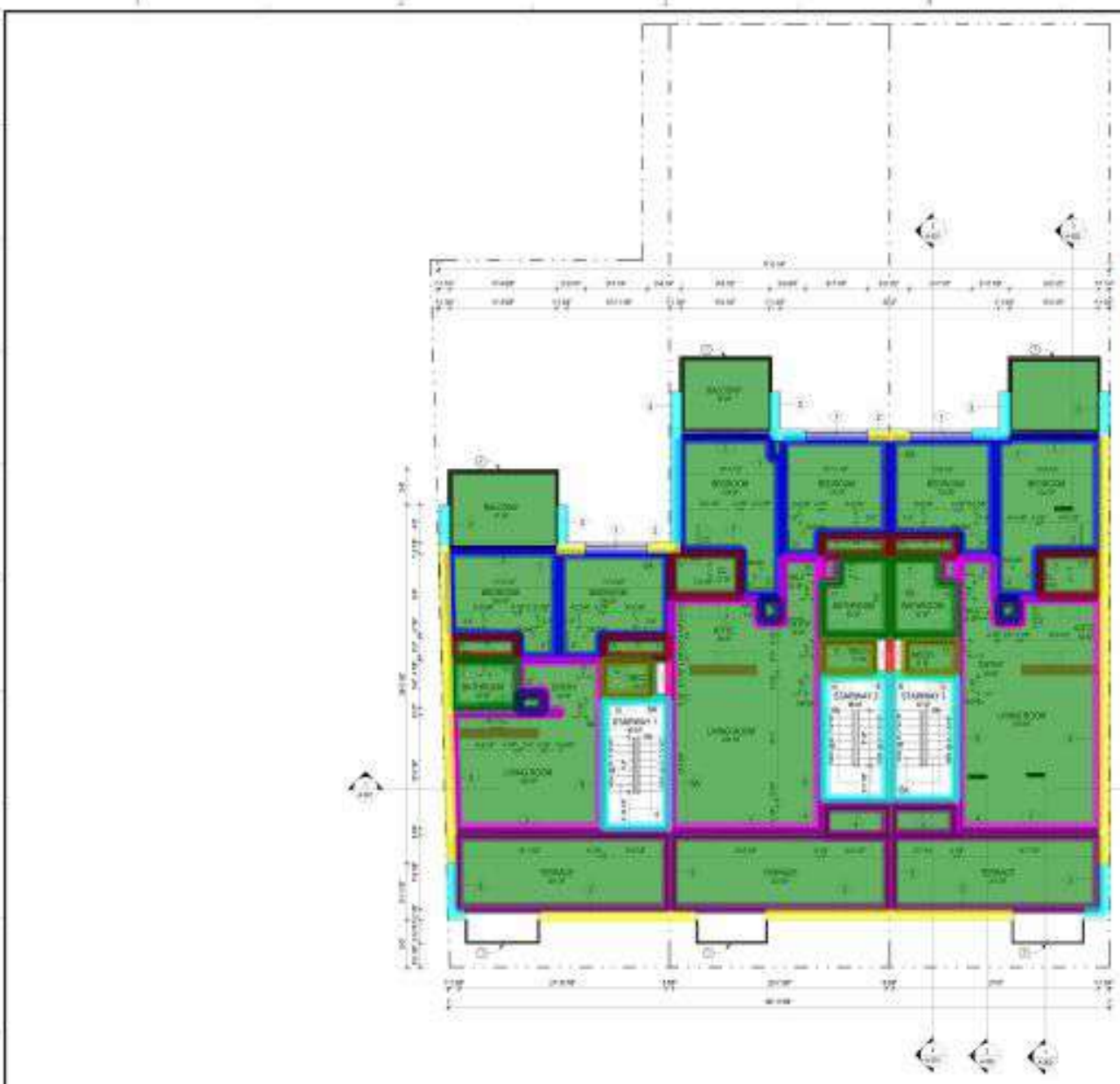
PROJECT NAME
NEW 2 STORY - CELLAR
ROSELAND, NY 11423

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

PROJECT: 6142
PROJECT NO.: 6142-000-0002
DRAWN BY: ALDI LIGAS
CHECKED BY: ALDI LIGAS
DATE: 10/15/2023

SCALE: As Shown
Drawing Update
C-101
SHEET: 11
REVISED:

1 CELLAR
C/P
3/16" = 1'-0"



GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES REFER TO SHEET S-01.
3. FOR DOOR AND WINDOW SCHEDULES REFER TO SHEET S-02.
4. FOR ANCHOR BOLTS AND SCHEDULES REFER TO SHEET S-03.

COLLARS AND 15' FLOOR JOISTS TO BE RECORDED WITH THE CITY AGENTS AFTER APPROVAL OF NEW BUILDING DOCUMENTS.

SHEET KEYNOTES

REV	NOTE
1	ISSUE FINISH

■	3rd Floor Plan	0.0	●
[]	Wall Type 3	58.2 FT	■
[]	Wall Type 2	132.0 FT	■
[]	Wall Type 4	30.1 FT	■
[]	Wall Type 7	279.9 FT	■
[]	Wall Type 6A	67.2 FT	■
[]	Wall Type 6	54.7 FT	■
[]	Wall Type 5	18.3 FT	■
[]	M.R on Wall Type 7	17.8 FT	■
[]	Knee Wall	24.0 FT	■
■	R1 - 5/8" Gypsum b...	2,797.1 SQ FT	■
[]	Paint @ Bedroom	289.2 FT	■
[]	Paint @ Living Room	273.2 FT	■
[]	Paint @ Stairs	118.9 FT	■
[]	Paint @ Closet	113.8 FT	■
[]	Paint @ Bathroom	82.5 FT	■
[]	Paint @ Mechanical Room	51.6 FT	■
[]	Paint @ HWH	25.0 FT	■
[]	Paint @ Terrace	217.0 FT	■



ARCHITECTURE
ENGINEERING
CONSULTING, P.C.

1000 WEST 10TH AVENUE
SUITE 1000
DENVER, CO 80202

PH: 303.733.1100
WWW.NODEPC.COM

PROJECT: 003
ALDI LOCAL
DEVELOPMENT LLC
100 W. WESTROCK AVENUE
ROCKFORD, NY 11881

PROJECT NUMBER:
01-21-000-0000
DENVER, CO 80202

PROJECT NAME:
NEW 2 STORY - COLLAB
ROCKFORD, NY 11881

PROJECT NUMBER:
01-21-000-0000
DENVER, CO 80202

PROJECT NAME:
NEW 2 STORY - COLLAB
ROCKFORD, NY 11881

PROJECT NUMBER:
01-21-000-0000
DENVER, CO 80202

PROJECT NAME:
NEW 2 STORY - COLLAB
ROCKFORD, NY 11881

PROJECT NUMBER:
01-21-000-0000
DENVER, CO 80202

PROJECT NAME:
NEW 2 STORY - COLLAB
ROCKFORD, NY 11881

PROJECT NUMBER:
01-21-000-0000
DENVER, CO 80202

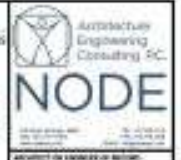
PROJECT NAME:
NEW 2 STORY - COLLAB
ROCKFORD, NY 11881

1 3RD FLOOR PLAN
SCALE: 3/16" = 1'-0"

PROJECT: 003
PROJECT NUMBER: 01-21-000-0000
PROJECT NAME: NEW 2 STORY - COLLAB
CHECKED BY: NODE P.C.
DATE: 10/1/2021
SCALE: As Shown
SHEET: 11
REVISIONS:

GENERAL SHEET NOTES

- 1. ALL WALL BRACKINGS ARE REFERENCED TO FINISH FACE UNLESS OTHERWISE NOTED.
- 2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES, REFER TO SHEET 0.01.
- 3. FOR DOOR AND WINDOW SCHEDULES, REFER TO SHEET 0.01 AND 0.02.
- 4. FOR ABANDONED AND BATHROOM DILATED, REFER TO SHEET 0.01.
- 5. CELLAR AND 1ST FLOOR ELEMENTS TO BE RECORDED WITH THE CITY ARCHIVER AFTER APPROVAL OF NEW BUILDING DOCUMENTATION.



SHEET KEYNOTES

KEY: 1 GLASS BALCONY



•• 2nd Floor Plan	0.0	●
↪ Wall Type 3	30.9 FT	■
↪ Wall Type 2	160.6 FT	■
↪ Wall Type 8	8.0 FT	■
↪ Wall Type 6	93.3 FT	■
↪ Wall Type 6A	93.2 FT	■
↪ Wall Type 7	323.8 FT	■
↪ M.R on Wall Type 7	28.7 FT	■
↪ Knee Wall	25.4 FT	■
🏠 F4 - 5/8" Gypsum boar...	2,866.9 SQ FT	■
↪ Paint @ Bedroom	376.3 FT	■
↪ Paint @ Living Room	343.8 FT	■
↪ Paint @ Stairs	119.2 FT	■
↪ Paint @ Bathroom	134.4 FT	■
↪ Paint @ Closet	135.5 FT	■
↪ Paint @ Mechanical Room	80.2 FT	■
↪ Paint @ HWH	24.5 FT	■

1 2ND FLOOR PLAN
DATE: 3/16/14 SCALE: 1/4" = 1'-0"

ARCHITECT OR REGISTERED PROFESSIONAL ENGINEER

DATE: 3/16/14

PROJECT: 000

PROJECT DATE: 03/16/2014

DRAWN BY: Author

CHECKED BY: NISE, P.E.

DATE: 03/16/14

FLOOR PLAN

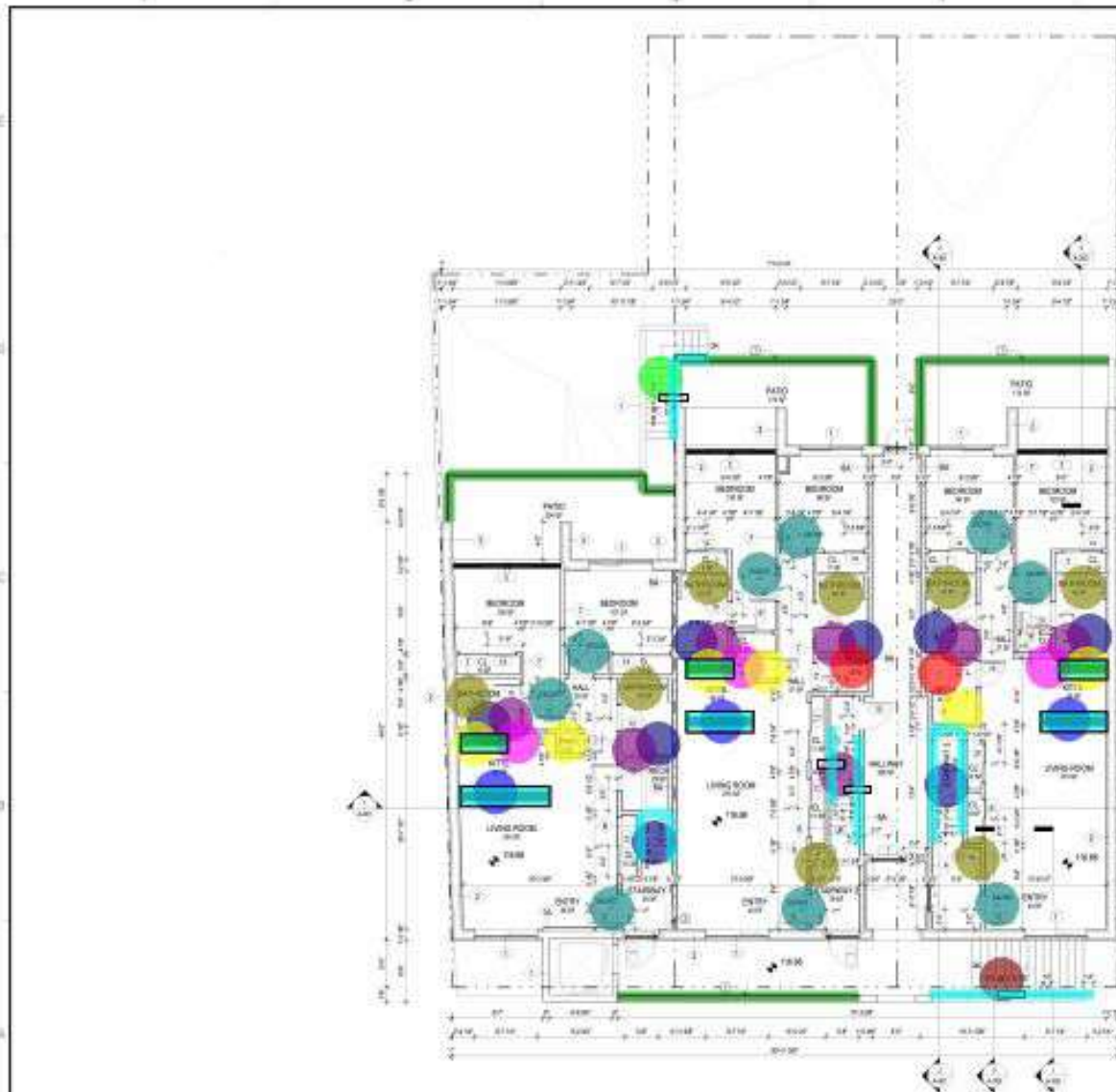
SCALE: As noted

DATE: 03/16/14

C-103

DATE: 03/16/14

SCALE: 1/4" = 1'-0"

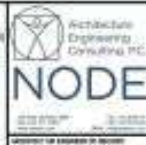


GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE UNLESS OTHERWISE NOTED.
 2. DOOR SWING, CEILING FLOOR AND ROOF SCHEDULES REFER TO THE SPEC SHEET.
 3. FLOOR COVER AND FINISH SCHEDULES REFER TO SHEET F-1000.
 4. FOR ALL WINDOWS AND GLASS PARTITIONS AND GLASS PARTITIONS TO BE RECORDED IN THE CITY RECORDS AFTER APPROVAL OF NEW BUILDING REQUIREMENTS.

SHEET KEYNOTES

REV	DATE	BY
1	04/20/2016	ALAN WALKER
2	04/20/2016	ALAN WALKER



ALAN WALKER
 ARCHITECTURE ENGINEERING CONSULTING PC
 100 WEST 100TH AVENUE
 NEW YORK, NY 11435

PROJECT NO: 16-00000
 PROJECT NAME: 100 WEST 100TH AVENUE
 SHEET NO: 100-00000-01

DATE: 04/20/2016
 DRAWN BY: ALAN WALKER
 CHECKED BY: ALAN WALKER

SCALE: AS SHOWN
 PROJECT LOCATION: 100 WEST 100TH AVENUE
 CITY: NEW YORK, NY

DATE: 04/20/2016
 DRAWN BY: ALAN WALKER
 CHECKED BY: ALAN WALKER

SCALE: AS SHOWN
 PROJECT LOCATION: 100 WEST 100TH AVENUE
 CITY: NEW YORK, NY

DATE: 04/20/2016
 DRAWN BY: ALAN WALKER
 CHECKED BY: ALAN WALKER

SCALE: AS SHOWN
 PROJECT LOCATION: 100 WEST 100TH AVENUE
 CITY: NEW YORK, NY

DATE: 04/20/2016
 DRAWN BY: ALAN WALKER
 CHECKED BY: ALAN WALKER

SCALE: AS SHOWN
 PROJECT LOCATION: 100 WEST 100TH AVENUE
 CITY: NEW YORK, NY

DATE: 04/20/2016
 DRAWN BY: ALAN WALKER
 CHECKED BY: ALAN WALKER

■	First floor plan	0.0	●
■	(5'-10")W. Stair Steps; Riser (...)	1.0	●
■	Handrails	95.4 FT	■
■	Glass Railing	113.7 FT	■
■	Bath Tub	6.0	●
■	Water Closet	6.0	●
■	Lavatory	6.0	●
■	Smoke & Carbon Monoxide D...	9.0	●
■	Washing/Dryer	2.0	●
■	Cooking Range	3.0	●
■	Sink	3.0	●
■	Refrigerator	3.0	●
■	Countertop	79.7 SQ FT	■
■	Upper Cabinet	15.1 FT	■
■	Mail Box (UPSC Approved)	2.0	●
■	(3'-0")W. Stair Steps; Riser (1...)	2.0	●
■	(3'-0")W. Stair Steps; Riser (1...)	1.0	●
■	Bottom Cabinetry	23.6 FT	■
■	(3'-0")W. Stair Steps; Riser (1...)	1.0	●
■	Hot Water Heater	3.0	●

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

DATE: 04/20/2016
 DRAWN BY: ALAN WALKER
 CHECKED BY: ALAN WALKER
C-102
 SHEET NO: 100-00000-01
 SCALE: AS SHOWN



GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES REFER TO SHEET S-101.
3. FOR DOOR AND WINDOW SCHEDULES REFER TO SHEET S-102 AND S-103.
4. FOR ANCHORING AND BRACING ENCAPSULATED MEMBRANE REFER TO SHEET S-104 AND S-105.

ALL WORK AND FIXTURES TO BE PROVIDED BY THE OTHER TRADES AFTER APPROVAL OF THE BUILDING DEPARTMENT.

SHEET KEYNOTES

REV.	DATE
1	04/28/2024

Architecture
Engineering
Consulting, P.C.

NODE

PROJECT OR EXISTING IN EXISTING

PROJECT NAME
NEW 2ND FLOOR - COLLAR BUILDING, 1000 W. 10TH AVENUE, DENVER, CO 80202

PROJECT NUMBER
1000 W. 10TH AVENUE, DENVER, CO 80202

PROJECT ADDRESS
NEW 2ND FLOOR - COLLAR BUILDING, 1000 W. 10TH AVENUE, DENVER, CO 80202

PROJECT OWNER
1000 W. 10TH AVENUE, DENVER, CO 80202

PROJECT ARCHITECT
ARCHITECTURE ENGINEERING CONSULTING, P.C.

PROJECT ENGINEER
ARCHITECTURE ENGINEERING CONSULTING, P.C.

PROJECT DATE
04/28/2024

PROJECT NUMBER
C-103

PROJECT ADDRESS
1000 W. 10TH AVENUE, DENVER, CO 80202

2nd Floor Plan	0.0	
Glass Railing	90.9 FT	
Smoke & Carbon Monoxide D...	11.0	
Lavatory	5.0	
Water Closet	5.0	
Bath Tub	5.0	
Refrigerator	3.0	
Countertop	84.7 SQ FT	
Upper Cabinet	15.2 FT	
Cooking Range	3.0	
Bottom Cabinetry	20.9 FT	
Sink	3.0	
Hot Water Heater	3.0	
Washing/Dryer	2.0	
(3'-0")W. Stair Steps; Riser (1...	2.0	
Landing=SFX2	24.7 SQ FT	
(3'-0")W. Stair Steps; Riser (1...	1.0	
Landing	27.1 SQ FT	
Handrails	75.6 FT	

1 2ND FLOOR PLAN
1/8" = 1'-0"



3rd Floor Plan	0.0	●
Glass Railing	89.8 FT	■
Smoke & Carbon Monoxide D...	9.0	●
Hot Water Heater	3.0	●
Cooking Range	3.0	●
Countertop	73.0 SQ FT	■
Upper Cabinet	33.2 FT	■
Sink	3.0	●
Refrigerator	2.0	●
(3'-0")W. Stair Steps; Riser (1...	2.0	●
Handrails	97.0 FT	■
Bath Tub	3.0	●
Water Closet	3.0	●
Lavatory	3.0	●
Washing/Dryer	3.0	●
(3'-0")W. Stair Steps; Riser (1...	1.0	●

GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
 2. FOR WALL, CEILING, FLOOR AND ROOF SCHEDULES REFER TO SHEET S-101.
 3. FOR DOOR AND WINDOW SCHEDULES REFER TO SHEET S-102 AND S-103.
 4. FOR ANCHOR BOLT SCHEDULES REFER TO SHEET S-104.
 5. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL RESIDENTIAL CODE BOOK.
 6. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL MECHANICAL AND ELECTRICAL CODE BOOK.
 7. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL PLUMBING AND MECHANICAL CODE BOOK.
 8. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL FIRE AND SAFETY CODE BOOK.
 9. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL ENERGY EFFICIENCY CODE BOOK.
 10. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL SCHEDULING CODE BOOK.

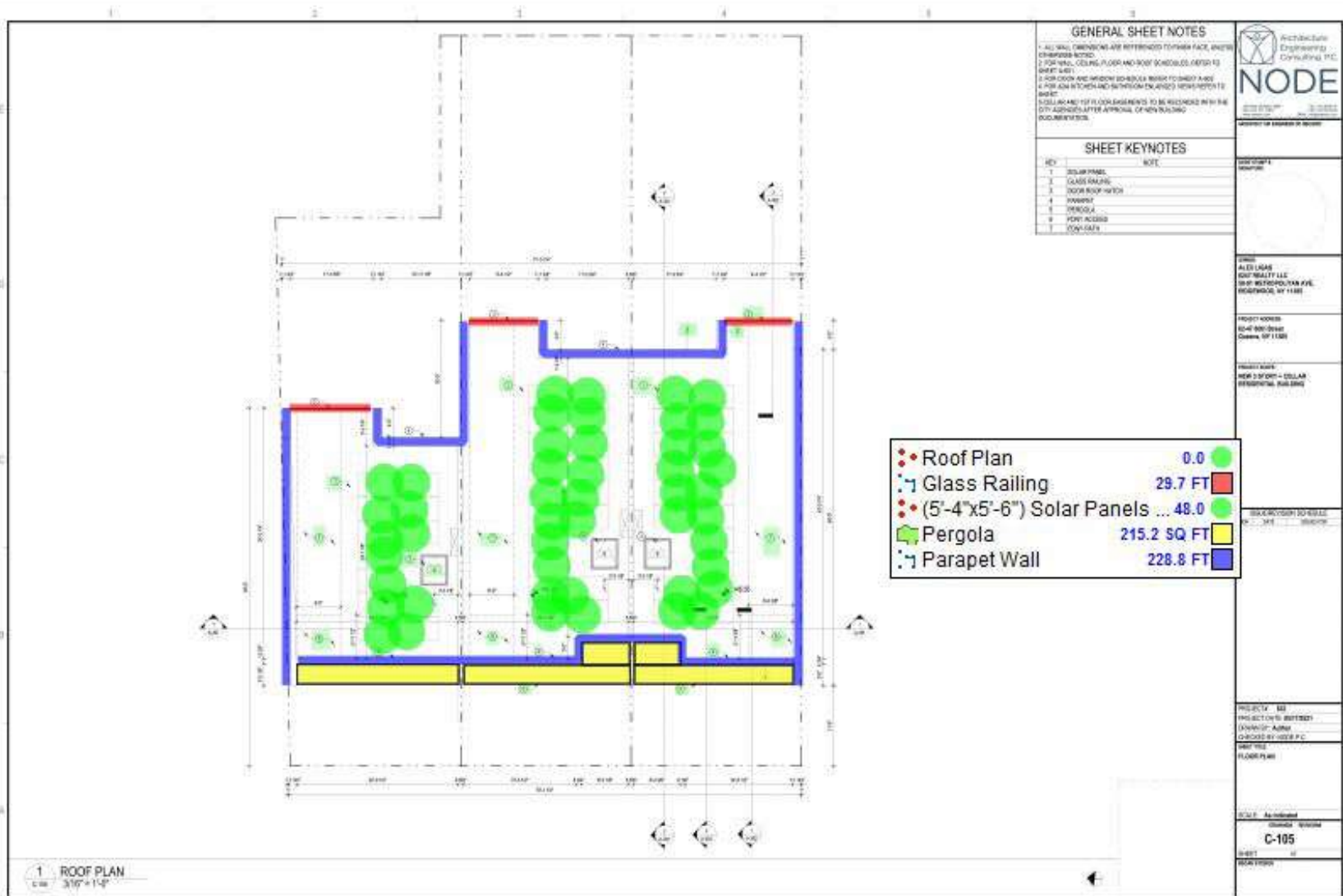
SHEET KEYNOTES

REV: 1 10/20/2020



PROJECT NAME	NEW 100' OFF - COLLAR RESIDENTIAL BUILDING
PROJECT ADDRESS	100' OFF - COLLAR RESIDENTIAL BUILDING
PROJECT CITY	NEW YORK, NY
PROJECT STATE	NEW YORK
PROJECT ZIP	10001
PROJECT DATE	10/20/2020
PROJECT ARCHITECT	ARCHITECTURE & CONSULTING, P.C.
PROJECT ENGINEER	ARCHITECTURE & CONSULTING, P.C.
PROJECT CONTRACTOR	ARCHITECTURE & CONSULTING, P.C.
PROJECT OWNER	ARCHITECTURE & CONSULTING, P.C.
PROJECT DRAWING NO.	C-104
PROJECT DATE	10/20/2020
PROJECT SCALE	AS SHOWN

1 3RD FLOOR PLAN
 Scale: 3/16" = 1'-0"



GENERAL SHEET NOTES

1. ALL WALL DIMENSIONS ARE REFERENCED TO FINISH FACE, UNLESS OTHERWISE NOTED.
 2. FOR WALL, CEILING, FLOOR AND ROOF SCHEMATIC (AREA) TO BE SET OUT.
 3. FOR ROOF AND WINDOW SCHEDULES REFER TO SCHEDULE AND
 4. FOR AN INCH AND SIXTEENTH (IN/16) UNITS REFER TO
 SCHEDULE.
 5. COLLAR AND TYP FLOOR FINISHMENTS TO BE REFERRED WITH THE
 CITY ADDRESS AFTER APPROVAL OF NEW BUILDING
 CODE REGULATIONS.

SHEET KEYNOTES

KEY	NOTE
1	SOLAR PANEL
2	GLASS RAILING
3	ROOF ROOF HATCH
4	PERGOLA
5	PARAPET WALL
6	DOOR ACCESS
7	WALKWAY

••	Roof Plan	0.0	●
—	Glass Railing	29.7 FT	■
••	(5'-4"x5'-6") Solar Panels ...	48.0	●
■	Pergola	215.2 SQ FT	■
—	Parapet Wall	228.8 FT	■

Architecture
 Consulting P.C.
NODE

PROJECT OR EXISTING IN EXISTING

PROJECT NAME
 ALLI LANE
 501 W. 11TH ST.
 501 W. 11TH ST. AVE.
 HOUSTON, TX 77002

PROJECT NUMBER
 501 W. 11TH ST.
 HOUSTON, TX 77002

PROJECT OWNER
 NEW 11TH ST. - COLLAR
 RESIDENTIAL, LLC (LLC)

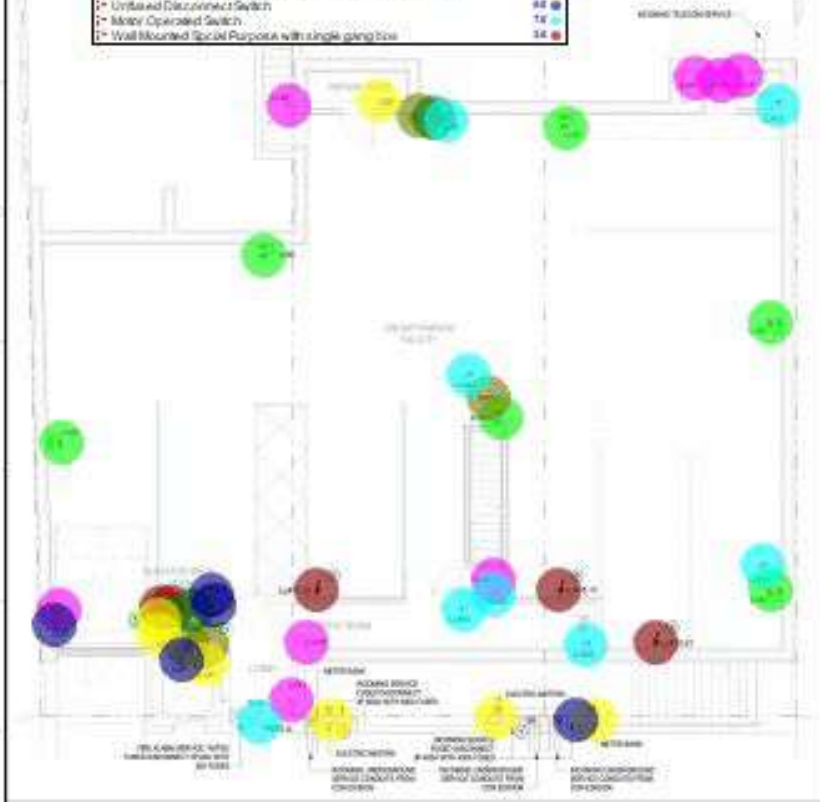
SCALE: 3/8" = 1'-0"

PROJECT NO.
 PROJECT NO. 2018001
 DRAWING NO.
 CHECKED BY: [NAME]
 DATE: [DATE]

SCALE: As Indicated
 PROJECT NO. 2018001
C-105
 SHEET NO. 10
 TOTAL SHEETS: 10

1 ROOF PLAN
 3/8" = 1'-0"

• First Power Plan	0.0
• (GF) Wall mounted Duplex Receptacle	0.0
• (J) JUNCTION BOX	0.0
• Smoke and Carbon Monoxide Detector	0.0
• Unfused Disconnect Switch	0.0
• (Weather Proof) (GF) Wall Mounted Duplex Receptacle with single Gang	0.0
• Equipment Connection (EDU)	0.0
• Equipment Connection (EDU-1)	0.0
• Equipment Connection (EDU-2)	0.0
• Motor Operated Switch	0.0
• Wall Mounted Special Purpose Inside Single Gang Box	0.0
• Wall Mounted Duplex Receptacle with Single Gang Box	0.0
• Caller Power Plan	0.0
• Wall Mounted Duplex Receptacle Inside single Gang Box	0.0
• Fused Disconnect Switch	0.0
• (Weather Proof) (GF) Wall mounted Duplex Receptacle	0.0
• Electric Meter	0.0
• (SR) Meter Bank	0.0
• Fire Alarm Control Panel	0.0
• Communication Module	0.0
• Electrical Panel (EPP)	0.0
• (FSD) Detail Not Shown	0.0
• Junction Box	0.0
• Equipment Connection (EWMP)	0.0
• (GF) Wall Mounted Duplex Receptacle with single Gang Box	0.0
• Unfused Disconnect Switch	0.0
• Motor Operated Switch	0.0
• Wall Mounted Special Purpose with single gang box	0.0



KEY	NOTE
1	ALL NOTES REFERENCED TO SHEET NOTES SHALL BE SHOWN IN COORDINATION WITH EQUIPMENT MANUFACTURER TO PROPERLY CONNECT WITH THE EQUIPMENT
2	COORDINATE WITH OWNER/ARCHITECT FOR THIS TYPE OF EQUIPMENT
3	IF THE MANUFACTURER'S RECOMMENDATIONS FOR THE TYPE OF EQUIPMENT ARE NOT PROVIDED, THE CONTRACTOR SHALL PROVIDE A LIST OF EQUIPMENT MANUFACTURERS FOR THE CONTRACTOR TO OBTAIN APPROVAL FROM THE ARCHITECT
4	FOR EQUIPMENT MANUFACTURER COORDINATE WITH OWNER AND PROVIDE A DESIGNATED TELEPHONE AND FAX NUMBER TO EQUIPMENT MANUFACTURER'S OFFICE FOR ADDITIONAL INFORMATION

KEY	NOTE
1	ELECTRICAL CHANGES TO THIS SHEET SHALL BE SHOWN IN COORDINATION WITH THE ARCHITECT FOR THE LOCATION, TYPE OF RECEPTACLE TO BE PROVIDED BY MANUFACTURER
2	ALL ADDITIONAL RECEPTACLES SHALL BE TYPE COORDINATE WITH MANUFACTURER AND EQUIPMENT LOCATION TO LOCATE THE RECEPTACLE AND WIRING TO THE EQUIPMENT
3	ALL SERVICE RACKS EQUIPMENT SHALL BE PROVIDED SUBMITTALS OF ALL TYPES FROM MANUFACTURER. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ARCHITECT FOR ALL EQUIPMENT PURCHASED
4	JUNCTION BOX RECEPTACLES FOR ALL TYPES OF EQUIPMENT SHALL BE PROVIDED IN ACCORDANCE WITH MANUFACTURER AND MECHANICAL DRAWINGS. PROVIDE OCCUPANT NOTICE AND WIRING AS PER MANUFACTURER'S RECOMMENDATIONS

POWER GENERAL NOTES	
1. ALL WIRING RECEPTACLES AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) 2017. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND OWNER FOR ALL OUTLETS TO BE PROVIDED	
2. REFER TO THE PLUMBING, THE AIR AND VENT PROTECTION, AND/OR FIRE PROTECTION FOR ALL NECESSARY EQUIPMENT	
3. COORDINATE ALL ELECTRICAL WORK WITH ARCHITECTURAL DRAWINGS FOR INSTALLATION	
BC 406.2.11	
PARKING SPACES PROVIDED THROUGHOUT THE PROJECT	
1. ALL SPACES REQUIRING CHARGING STATIONS - 20V	
2. ALL CHARGING STATIONS - 240V	
3. CHARGING STATIONS PROVIDED	
BC 406.7.11	
PARKING SPACES PROVIDED IN OTHER PARKING AREAS	
1. ALL SPACES REQUIRING CHARGING STATIONS - 20V	
2. ALL CHARGING STATIONS - 240V	
3. CHARGING STATIONS PROVIDED	



ARCHITECT OF RECORD IS: BAK-SAY AN ONE
DATE: 08/20/2024
PROJECT: 10000000
SCALE: AS SHOWN
PROJECT NO: 24-10000000
PROJECT NAME: 10000000

PROJECT NO: **24-10000000**
PROJECT NAME: **10000000**

PROJECT NO: **24-10000000**
PROJECT NAME: **10000000**

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PROJECT NAME: **10000000**

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PROJECT NAME: **10000000**

PROJECT NO: **24-10000000**
PROJECT NAME: **10000000**

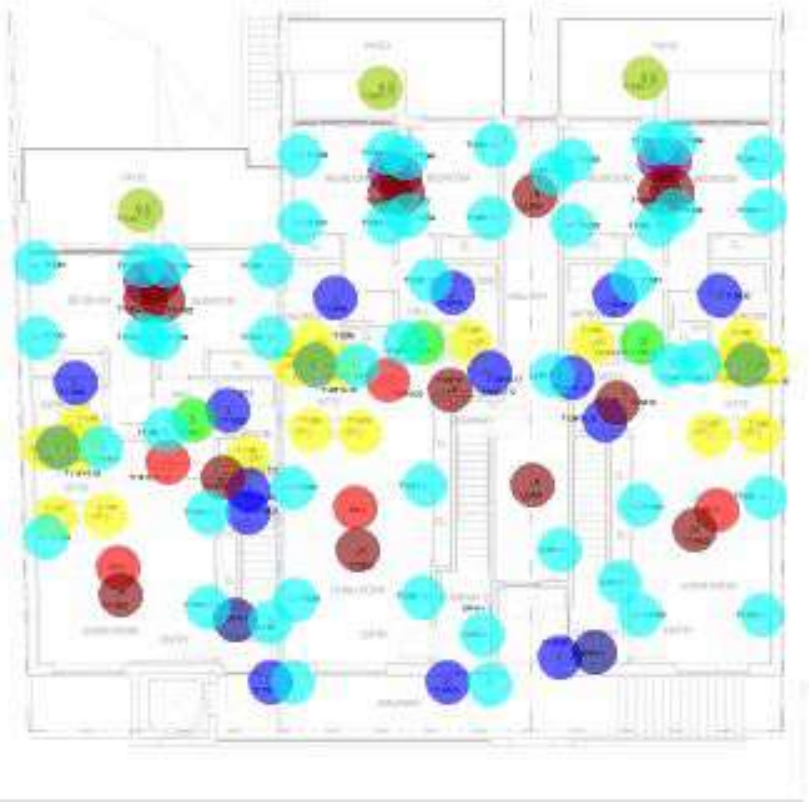
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PROJECT NAME: **10000000**

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PROJECT NAME: **10000000**

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PROJECT NAME: **10000000**

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PROJECT NAME: **10000000**

PROJECT NO: **24-10000000**
PROJECT NAME: **10000000**





Architecture Engineering Consulting INC
NODE

15500 STEELES AVE. UNIT 10
SCARBOROUGH, ONTARIO M1V 4T4
CANADA
416-291-0888
www.node.ca

PROJECT NUMBER
E-002



PROJECT NAME
NEW 3 STOREY OFFICE BUILDING

PROJECT NUMBER
E-002
DATE: 10/20/2024

PROJECT NAME
NEW 3 STOREY OFFICE BUILDING

PROJECT NUMBER
E-002
DATE: 10/20/2024

PROJECT NAME
NEW 3 STOREY OFFICE BUILDING

PROJECT NUMBER
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DATE: 10/20/2024

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PROJECT NAME
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PROJECT NUMBER
E-002
DATE: 10/20/2024

PROJECT NAME
NEW 3 STOREY OFFICE BUILDING

PROJECT NUMBER
E-002
DATE: 10/20/2024

LIGHTING SCHEDULE

ROOM	FLOOR	TYPE NAME	TYPE	COUNT	LAMP TYPE	RATING	TOTAL WATTAGE	WATTAGE	HEIGHT	COMMENT
201	2	RECESSED	RECESSED	8	LED	18 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
202	2	RECESSED	RECESSED	4	LED	36 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
203	2	RECESSED	RECESSED	8	LED	18 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
204	2	RECESSED	RECESSED	4	LED	36 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
205	2	RECESSED	RECESSED	8	LED	18 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
206	2	RECESSED	RECESSED	4	LED	36 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
207	2	RECESSED	RECESSED	8	LED	18 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
208	2	RECESSED	RECESSED	4	LED	36 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
209	2	RECESSED	RECESSED	8	LED	18 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM
210	2	RECESSED	RECESSED	4	LED	36 W	144 W	144 W	1000 mm	SEE BATTERY GROUP ON PLAN 18/4-EM

LIGHTING CONTROL NARRATIVE

ROOM	CONTROL TYPE	CONTROL NARRATIVE
RECESSED	MANUAL LOCAL SWITCH	ALL RECESSED LIGHT FIXTURES WILL BE MANUALLY CONTROLLED BY THE OCCUPANT.
RECESSED	MANUAL LOCAL SWITCH	ALL RECESSED LIGHT FIXTURES WILL BE MANUALLY CONTROLLED BY THE OCCUPANT.
RECESSED	MANUAL LOCAL SWITCH	ALL RECESSED LIGHT FIXTURES WILL BE MANUALLY CONTROLLED BY THE OCCUPANT.
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RECESSED	MANUAL LOCAL SWITCH	ALL RECESSED LIGHT FIXTURES WILL BE MANUALLY CONTROLLED BY THE OCCUPANT.
RECESSED	MANUAL LOCAL SWITCH	ALL RECESSED LIGHT FIXTURES WILL BE MANUALLY CONTROLLED BY THE OCCUPANT.

SHEET KEYNOTES

NO.	NOTE
1	NEW UNDERGROUND RECORD CONNECTION ELECTRICAL SERVICE (300/90/1.1 1/2" HD. AMSE. UNMOUNTED) COORDINATE EXACT LOCATION WITH FIELD AND REFER TO RECORD CONNECTION DETAIL SHEETS OF RECORDS. USE SETS OF TRACES IN EVENTS OF PC.
2	ELECTRICAL SERVICE MAIN (OSPREY DISCONNECT SWITCH) PLACED AT GRID LINES.
3	WIRE THRU FOR FEEDER TRAYS.
4	WIRE THRU IN CHASES.
5	NEW UNDERGROUND RECORD CONNECTION ELECTRICAL SERVICE (300/90/1.1 1/2" HD. AMSE. UNMOUNTED) COORDINATE EXACT LOCATION WITH FIELD AND REFER TO RECORD CONNECTION DETAIL SHEETS OF RECORDS. USE SETS OF TRACES IN EVENTS OF PC.

- Electric Details 0.0
- DC Disconnect Swit... 3.0
- Service End Box 3.0
- Fused Electric Disc... 3.0
- Transformer Con E... 1.0
- Wire Thru 4.0
- Electric Submeter 9.0
- (120/208V, 3P, 400A... 2.0
- Grounding Bus Bar 3.0
- Solar Inverter 3.0
- AC Disconnect Swi... 3.0

POWER SYMBOLS LEGEND

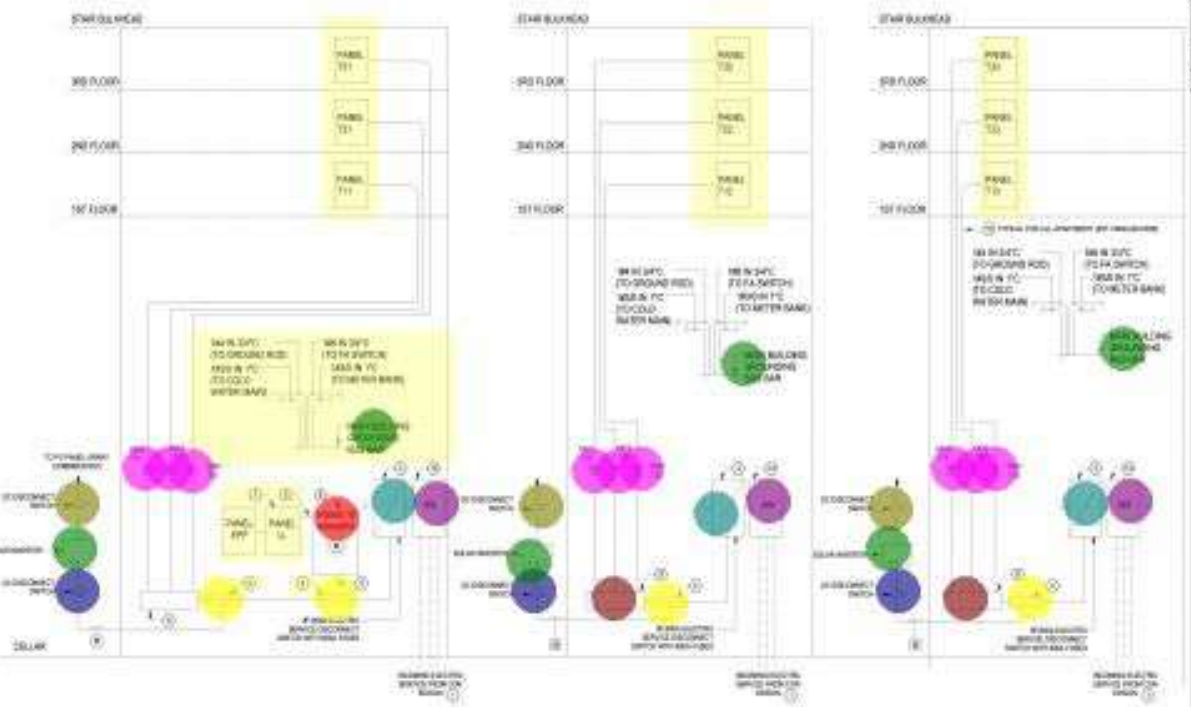
3000	FUSED DISCONNECT SWITCH TEST ABLE WITH LOCKING MECHANISM IN OPEN POSITION
3010	ELECTRICAL SERVICE MAIN
3020	DISCONNECT SWITCH TEST ABLE WITH LOCKING MECHANISM IN OPEN POSITION
3030	METER
3040	WALL MOUNTED DISCONNECT SWITCH IN SINGLE OR DOUBLE END POSITION, TEST ABLE
3050	GAS WALL MOUNTED DISCONNECT SWITCH IN SINGLE OR DOUBLE END POSITION, TEST ABLE
3060	DISCONNECT SWITCH IN SINGLE OR DOUBLE END POSITION, TEST ABLE WITH LOCKING MECHANISM IN OPEN POSITION
3070	ELECTRICAL PANELBOARD
3080	AND OVERHEAD PANEL BOARD
3090	NATURAL GAS DISCONNECT SWITCH WITH LOCKING MECHANISM
3100	CURRENT BREAKER, DISCONNECT WITH TRIP COIL AND TEST ABILITY FROM PANEL LOCKER TO ISOLATE BREAKER FROM POWER AND LAR FINAL LOCKDOWN TO BE PROVIDED BY OWNER/INSTALLER
3110	REVERSE POLARITY - REFER TO CONNECTIONS & CHECK FOR ADDITIONAL INFORMATION

LIGHTING SYMBOLS LEGEND

401	RECESSED OCCUPANCY SENSITIVE SWITCH
402	SWITCH - OCCUPANCY SENSITIVE IN A SINGLE END BOX
403	OCCUPANCY SENSITIVE SWITCH MOUNTED IN A SINGLE END BOX
404	MOTION SENSITIVE SWITCH
405	ULN 813 TRIP SWITCH MOUNTED IN A SINGLE END BOX SWITCH TO BE USED IN CONNECTION WITH CELLING MOUNTED OCCUPANCY SENSITIVE SWITCHES
406	SWITCH AND CIRCUIT BREAKER (TO BE PROVIDED BY OWNER)

ABBREVIATIONS

A	AMP
C	CIRCUIT
F	FEEDER
ME	METRIC
PL	PLUMB
SE	SERVICE END
SEP	SEWER LINE TO PANEL
TV	TRAVEL
TR	TRUCK
W	WIRE
N	NOT TO SCALE
HP	HYPOTERMIC PHASE



2 ELECTRICAL RISER DIAGRAM
1/8" = 1'-0"

PROJECT: 188

PROJECT NO: E-002

DATE: 10/20/2024

BY: [Signature]

SHEET KEYNOTES

NOTE
1 EXACT LOCATIONS OF ALL SOLAR PANEL EQUIPMENT SHALL BE AS PER MANUFACTURER'S RECOMMENDATION. PROVIDE PANEL, DISCONNECT AND CHECK TO AS PER MANUFACTURER'S DRAWING.



NODE

1000 WEST 10TH AVE
SUITE 100
DENVER, CO 80202
303.733.7700

ARCHITECT OF RECORD IN DENVER

THIS SHEET IS UNLESS OTHERWISE NOTED



OWNER
ALCO LUGAR
ENTREPRENEUR LLC
100 WEST 10TH AVENUE
DENVER, CO 80202

PROJECT ADDRESS
1044 WEST 10TH
DENVER, CO 80202

PROJECT NAME
WEST 10TH - COLLAR
REDEVELOPMENT, SUB 100

BACKSHEET TO SHEET
E-103 .00
E-103 .00

PROJECT # 03
PROJECTOR: BISHOP
DRAWN BY: HILL
CHECKED BY: HILL
DATE: 10/10/10
ELECTRICAL POWER PLAN

SCALE: 1/4" = 1'-0"
SHEET NUMBER
E-103 .00
SHEET 6 OF 6
DATE: 10/10/10

- Roof Power Plan 1.0
- Equipment Connection (O... 8.0
- Equipment Connection (EF... 1.0
- Unfused Disconnect Switch 9.0
- (WeatherProof) Motor Ope... 1.0



1 ROOF POWER PLAN



Architecture
Engineering
Consulting PC

10000 10000
10000 10000

MEMBER OF ASSOCIATION OF ENGINEERS
(SEE LISTING ON PAGE 10)

PROJECT NO. 10000



PROJECT NAME
ALSO LEGAL
SOUTH BAY LLC
1000 WESTBROOK AVENUE
ROSELAND, NJ 07068

PROJECT ADDRESS
1000 WESTBROOK AVENUE
ROSELAND, NJ 07068

PROJECT DATE
10/10/2010 - 10/10/2010
10/10/2010 - 10/10/2010

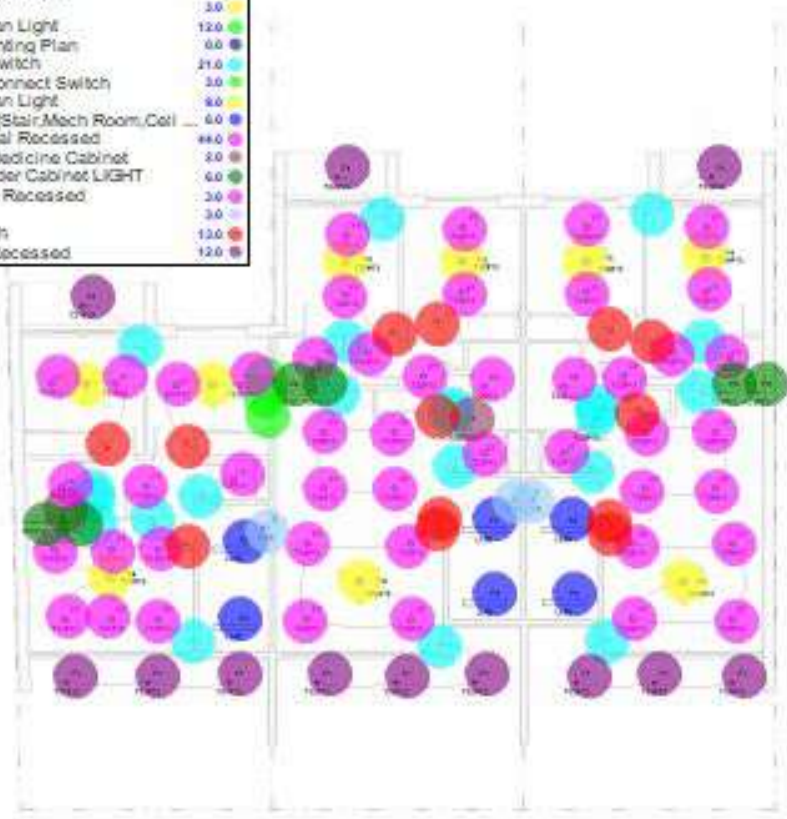
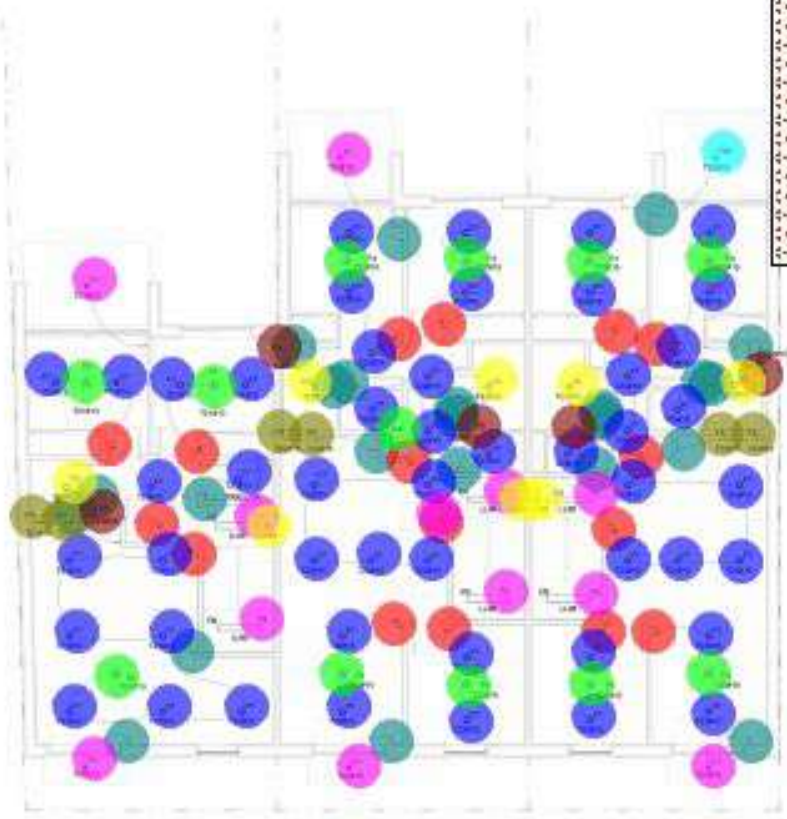
PROJECT NUMBER
10000 - 10000 - 10000
10000 - 10000 - 10000

PROJECT NO.
PROJECT NO. 10000
PROJECT NO. 10000
PROJECT NO. 10000

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

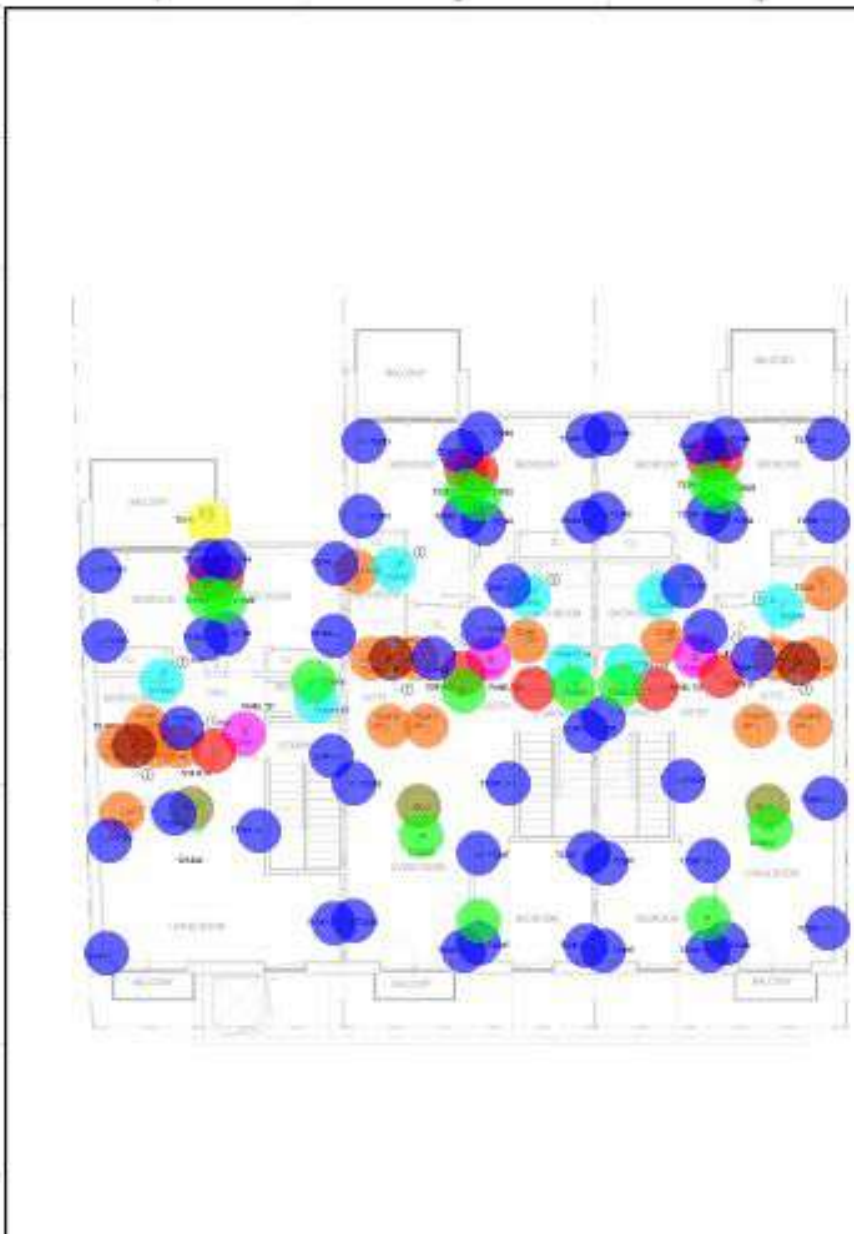
E-105 .00
10/10/2010

• 2nd Floor lighting Plan	6.0
• Single Pole Switch	23.0
• Dimmer Switch Mounted	18.0
• (F7) Residential Recessed	44.0
• (F1) Exterior Recessed	5.0
• (F3) 4" Linear (Stair, Mech Room, Cell ...	7.0
• (F8) 1'-0" L. Under Cabinet Light	6.0
• (F6) Lighted Medicine Cabinet	3.0
• (F9) Bathroom Recessed	5.0
• (F5) Corridor Recessed	1.0
• Exit Sign	3.0
• (F4) Ceiling Fan Light	12.0
• 3RD Floor Lighting Plan	6.0
• Single Pole Switch	21.0
• Unfused Disconnect Switch	3.0
• (F4) Ceiling Fan Light	8.0
• (F3) 4" Linear (Stair, Mech Room, Cell ...	6.0
• (F7) Residential Recessed	44.0
• (F6) Lighted Medicine Cabinet	3.0
• (F8) 1'-0" L. Under Cabinet LIGHT	6.0
• (F9) Bathroom Recessed	3.0
• Exit Sign	3.0
• Dimmer Switch	13.0
• (F1) Exterior Recessed	12.0

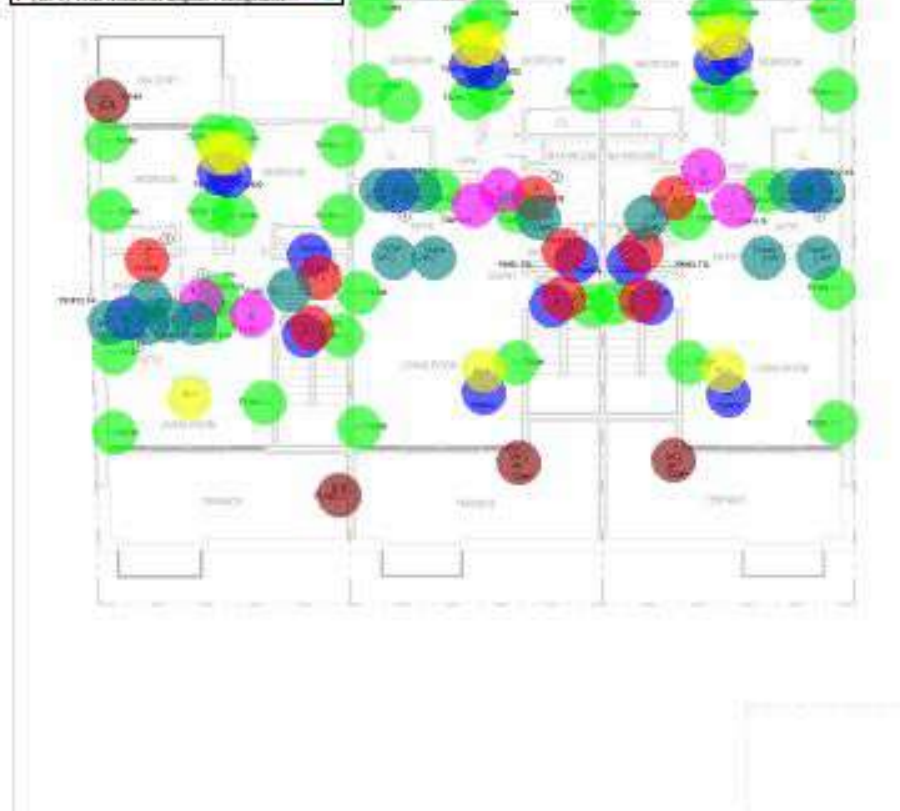


1 2ND FLOOR LIGHTING PLAN
1/8" = 1'-0"

2 3RD FLOOR LIGHTING PLAN
1/8" = 1'-0"



2nd Floor Power Plan	42
(GFI) Wall Mounted Double Duplex Rec.	14
Wall Mounted Special Purpose with singl.	14
Smoke And Carbon Monoxide Detector	14
Unfused Disconnect Switch	14
Electrical Panel T122T1ZT W/M: 100A	14
Outlet Fire Light	14
Weather Proof (GFI) Wall Mounted Out.	14
Equipment Connection (OU-3)	14
Equipment Connection (OU-2)	14
Junction Box (J)	14
Wall Mounted Duplex Receptacle with s.	14
Motor Operated switch	14
3rd Floor Power Plan	42
Wall Mounted Duplex Receptacle with s.	14
Wall Mounted Special Purpose with sin.	14
Motor Operated Switch	14
Junction Box	14
Equipment Connection	14
Unfused Disconnect Switch	14
Smoke and Carbon Monoxide Detector	14
Weather Proof (GFI) Wall Mounted Dup.	14
Electrical Panel T122T1ZT W/M: 100A	14
Equipment Connection (OU-2)	14
(GFI) Wall Mounted Duplex Receptacle	14



1 2ND FLOOR POWER PLAN
SCALE: 3/8" = 1'-0"

2 3RD FLOOR POWER PLAN
SCALE: 3/8" = 1'-0"

SHEET KEYNOTES	
KEY	NOTES
1	ALL WIRE RAYS AND UNRAISED WIRE DEVICES SHALL BE 3/8" DIA. COORDINATE ANY EQUIPMENT INSTALLATION TO PREVENT DISCONNECT SWITCH FROM COLLISION
2	COORDINATE WITH ARCHITECTURE FOR FINISHES AND CEILING
3	LOCATION FOR DISCONNECT SWITCHES SHALL BE 3/8" DIA. COORDINATE ANY EQUIPMENT INSTALLATION TO PREVENT DISCONNECT SWITCH FROM COLLISION
4	PROVIDE WIRING WITH EXTENDED DRIP AND USE INSULATED WIRE SET AT 90 DEGREE ANGLE TO SET AT 90 DEGREE ANGLE TO PREVENT WIRE FROM COLLISION WITH OTHER WIRING FOR ELECTRICAL FINISHES AND COORDINATE WITH ARCHITECTURE RECOMMENDATIONS

Architecture
Engineering
Consulting, P.C.

NODE

1000 EAST 10TH AVENUE
SUITE 1000
DENVER, CO 80202
303.733.8888
www.nodepc.com



PROJECT OWNER
ALDI USA
CENTRAL LLC
100 WEST 10TH AVENUE
DENVER, CO 80202

PROJECT NUMBER
E-102-000-0000
Queen, 07/1/2018

PROJECT NAME
HEAT PUMP - COLLAR
RECONSTRUCTION, 06/28/2018

DATE/DESCRIPTION/SCALE
07/1/2018
E-102-000-0000
3/8" = 1'-0"

PROJECT: E-102
PROJECT NO: E-102-000-0000
DRAWN BY: CPE
CHECKED BY: HCB/PC
DATE: 07/1/2018
ELECTRICAL POWER PLAN

SCALE: 3/8" = 1'-0"
DATE: 07/1/2018
E-102-000-0000

SHEET: 11 OF 12
DATE: 07/1/2018

Branch Panel T32

Apply From: Main
Routing: Standard
Breakdown:

Value: 2000 Amp
Phase: 1
Wire: 4

A/C Rating: None
Wire Type: 100% CU
New Rating: 100%

Table with columns: Ckt, Circuit Description, Wiring, Amp, Phase, A, B, C, Panel, Amp, Wiring, Circuit Description, Ckt. Lists various electrical circuits and their specifications.

Summary table with columns: Location/Description, Estimated Load, Demand Factor, Estimated Demand, Panel Rating. Includes values for Lighting, Heating, and Total.

Branch Panel T33

Apply From: Main
Routing: Standard
Breakdown:

Value: 2000 Amp
Phase: 1
Wire: 4

A/C Rating: None
Wire Type: 100% CU
New Rating: 100%

Table with columns: Ckt, Circuit Description, Wiring, Amp, Phase, A, B, C, Panel, Amp, Wiring, Circuit Description, Ckt. Lists various electrical circuits and their specifications.

Summary table with columns: Location/Description, Estimated Load, Demand Factor, Estimated Demand, Panel Rating. Includes values for Lighting, Heating, and Total.

Branch Panel LL

Apply From: Main
Routing: Standard
Breakdown:

Value: 2000 Amp
Phase: 1
Wire: 4

A/C Rating: None
Wire Type: 100% CU
New Rating: 100%

Table with columns: Ckt, Circuit Description, Wiring, Amp, Phase, A, B, C, Panel, Amp, Wiring, Circuit Description, Ckt. Lists various electrical circuits and their specifications.

Summary table with columns: Location/Description, Estimated Load, Demand Factor, Estimated Demand, Panel Rating. Includes values for Lighting, Heating, and Total.

- Electrical Panel SCHEDU... 0.0
- Electrical Panel "T32" "Ma... 1.0
- Electric Panel "T33" "Mai... 1.0
- Electrical Panel "LL" "Mai... 1.0



ARCHITECTURE ENGINEERING CONSULTING PC



PROJECT ADDRESS: 6042 WESTBROOK AVE, WESTBROOK, NY 11791

PROJECT NAME: NEW 2 STORY + COLLAR BUILDING, 6042 WESTBROOK AVE

PROJECT NUMBER: 104-100-0000

DATE: 10/20/10

DRAWN BY: J. W. WOOD

CHECKED BY: J. W. WOOD

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

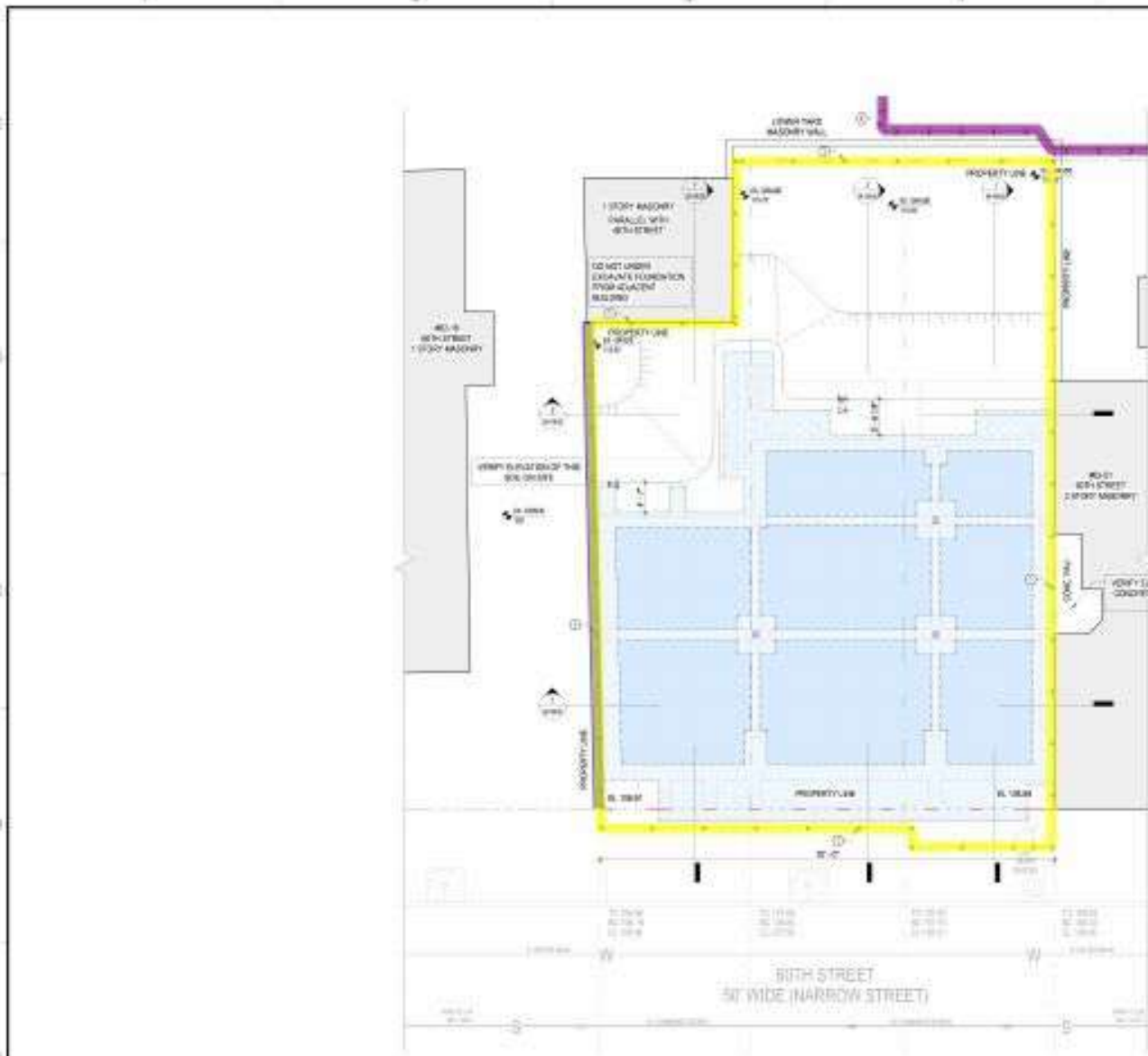
TITLE: ELECTRICAL PANEL SCHEDULES

PROJECT NO: 104-100-0000

DATE: 10/20/10

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

TITLE: ELECTRICAL PANEL SCHEDULES



SHEET KEYNOTES	
NO	NOTE
1	CONSTRUCTION FENCE
2	CHAIN LINK FENCE



NODE

ARCHITECTURE
ENGINEERING
CONSULTING PC



PROJECT NAME
PROJECT ADDRESS
PROJECT CITY

PROJECT ADDRESS
PROJECT CITY

PROJECT NAME
PROJECT ADDRESS

PROJECT NAME
PROJECT ADDRESS

REVISION SCHEDULE
NO. DATE DESCRIPTION
BY: [] FOR USE
REVIEW

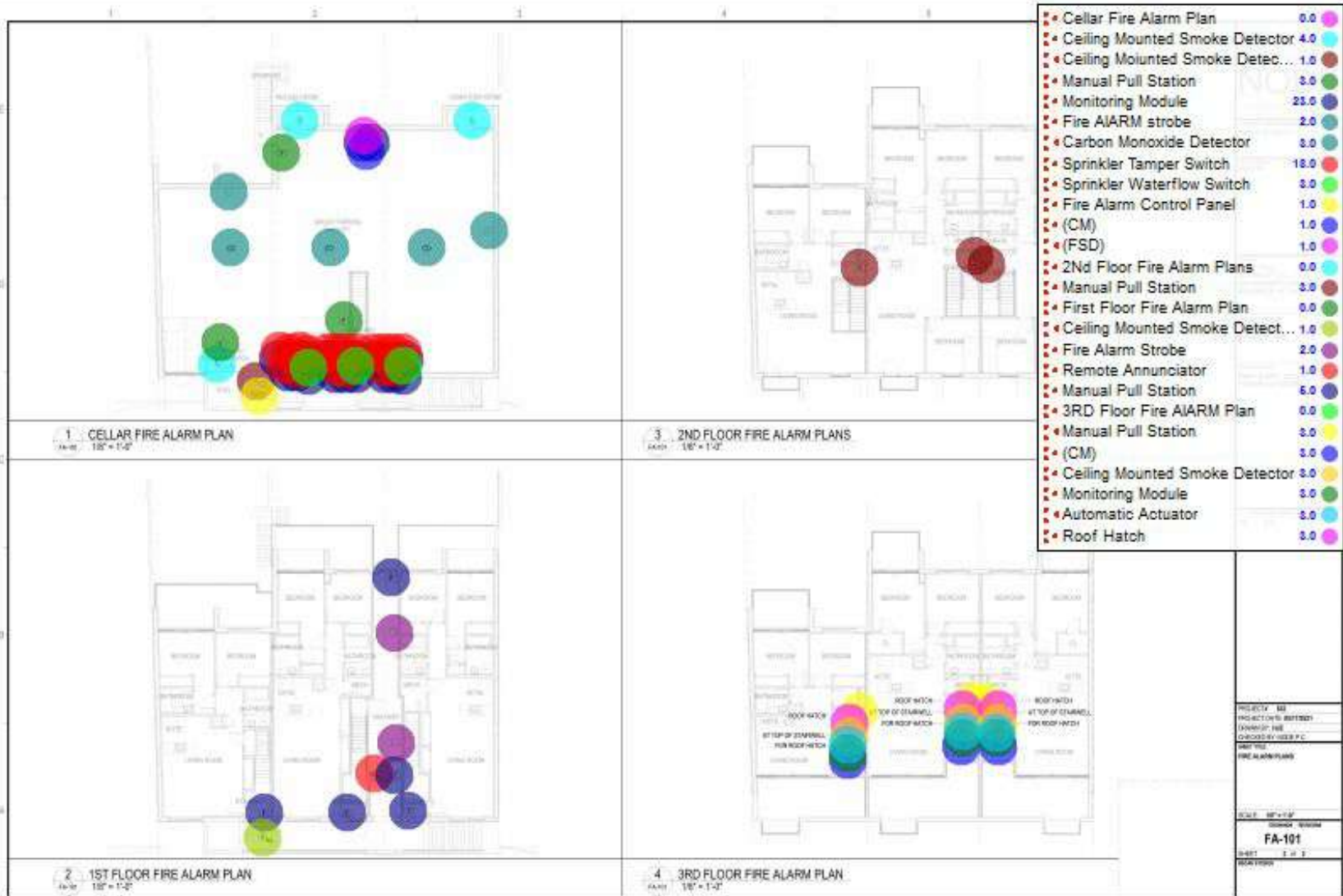
PROJECT NO.
PROJECT DATE
DRAWN BY
CHECKED BY
DATE
DATE/ISSUE - EXCAVATION PLAN

SCALE: 1/8" = 1'-0"
DATE: 10/20/2024

EA-103 .00

DATE: 10/20/2024

1 EXCAVATION PLAN
1/8" = 1'-0"



1 CELLAR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"

3 2ND FLOOR FIRE ALARM PLANS
SCALE: 1/8" = 1'-0"

2 1ST FLOOR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"

4 3RD FLOOR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"

- Cellar Fire Alarm Plan 0.0
- Ceiling Mounted Smoke Detector 4.0
- Ceiling Mounted Smoke Detec... 1.0
- Manual Pull Station 3.0
- Monitoring Module 23.0
- Fire ALARM strobe 2.0
- Carbon Monoxide Detector 3.0
- Sprinkler Tamper Switch 18.0
- Sprinkler Waterflow Switch 3.0
- Fire Alarm Control Panel 1.0
- (CM) 1.0
- (FSD) 1.0
- 2Nd Floor Fire Alarm Plans 0.0
- Manual Pull Station 3.0
- First Floor Fire Alarm Plan 0.0
- Ceiling Mounted Smoke Detect... 1.0
- Fire Alarm Strobe 2.0
- Remote Annunciator 1.0
- Manual Pull Station 6.0
- 3RD Floor Fire ALARM Plan 0.0
- Manual Pull Station 3.0
- (CM) 3.0
- Ceiling Mounted Smoke Detector 3.0
- Monitoring Module 3.0
- Automatic Actuator 3.0
- Roof Hatch 3.0

PROJECT: 100
 PROJECT NO: 1001001
 DRAWING NO: FA-101
 CHECKED BY: JEFF P.C.
 DATE: 10/1/10
 FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"
 SHEET: FA-101
 DATE: 10/1/10
 DRAWN BY: JEFF P.C.

FOR REFERENCE SEE SCHEDULE REFER TO SEE DRAWING
 SUBMIT TO ARCHITECT FOR REVIEW
 COORDINATE ALL DIMENSIONS WITH STRUCTURAL PLAN
 & ALL MEASUREMENTS SHALL BE TO FACE



CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE AND REPORT TO
 ENGINEER IN WRITING ANY DISCREPANCY BEFORE PROCEEDING

PROJECT NO. 2024-001
 PROJECT NAME
 FOUNDATION PLAN

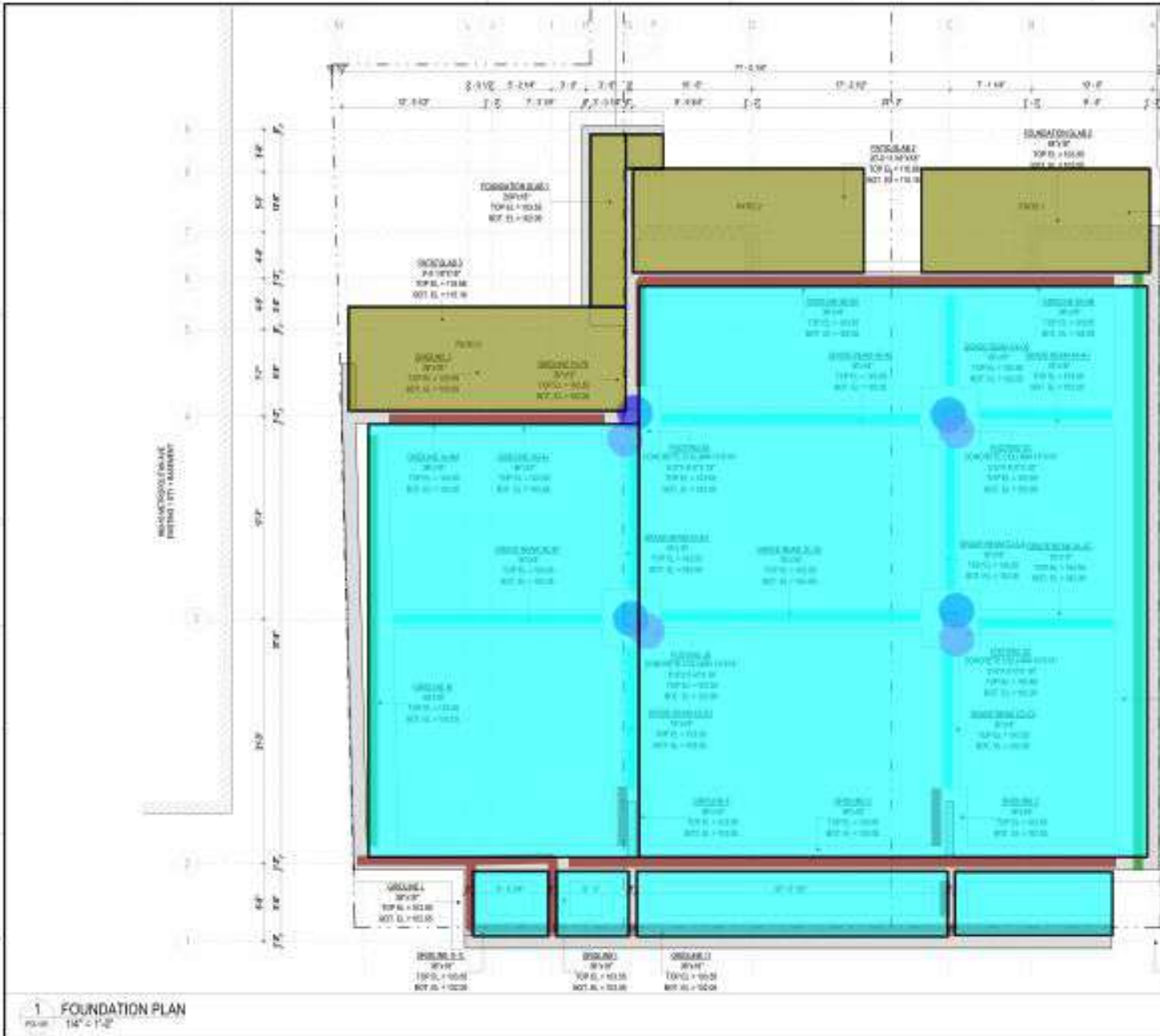


DATE: 08/15/2024
 DRAWN BY: [Name]
 CHECKED BY: [Name]

PROJECT ADDRESS
 1234 Main Street, Suite 100

PROJECT NAME
 NEW 3-STOREY OFFICE BUILDING

- (14"x14") Concrete Column 4.0
- (5'-0"x5'-0"x18") Column F... 4.0
- ┌ (18"x18") Grade Beam 144.9 FT
- ┌ (49"x18") Concrete Foo... 87.7 FT
- ┌ (36"x18") Concrete F... 214.8 FT
- (18") Thick Concret... 631.7 SQ FT
- 4" T. SOG W/ Wate... 3,370.2 SQ FT

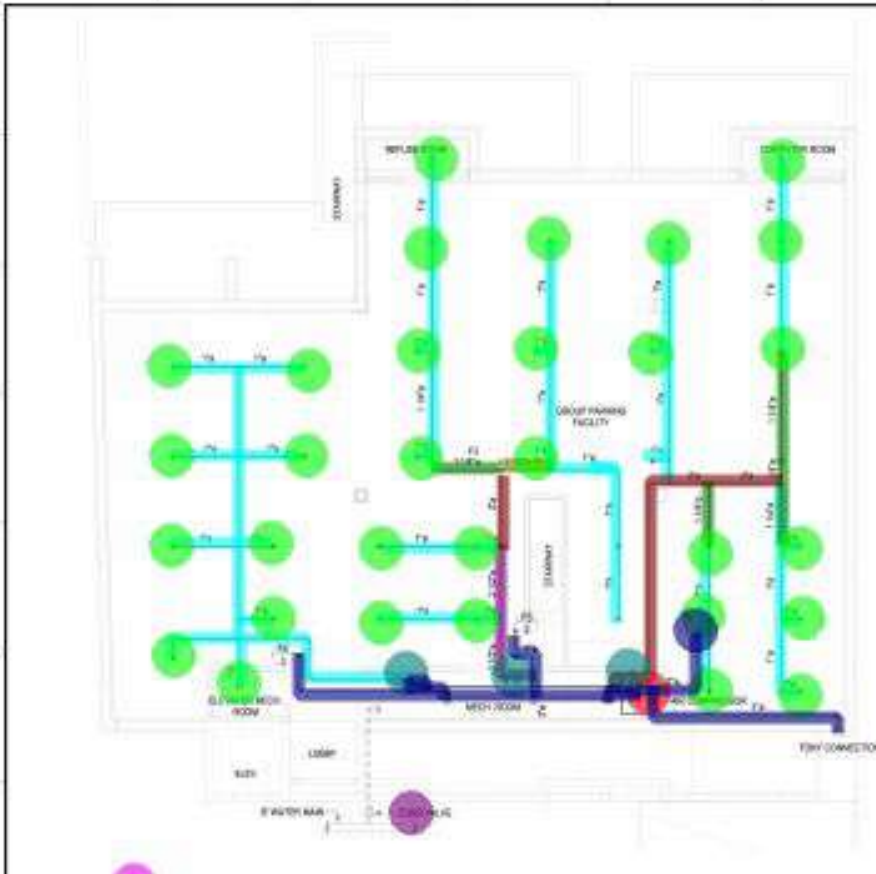


1 FOUNDATION PLAN
 Scale: 1/4" = 1'-0"

PROJECT NO. 2024-001
 PROJECT NAME: [Name]
 CHECKED BY: [Name]
 DRAWN BY: [Name]

DATE: 08/15/2024
 PROJECT ADDRESS
 1234 Main Street, Suite 100

SCALE: 1/4" = 1'-0"
 SHEET NO. FO-101.00
 OF 1

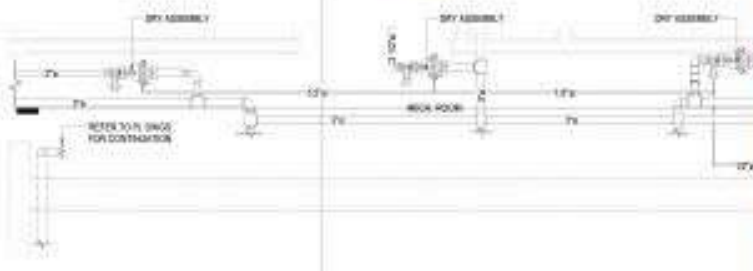
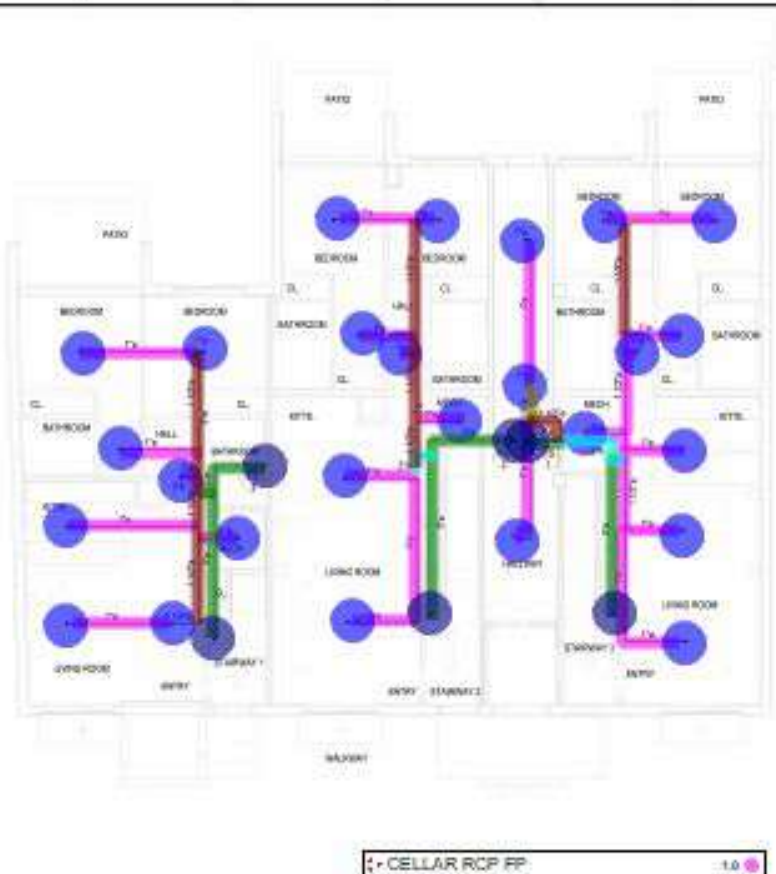


1 CELLAR - RCP - FP
 (SCALE) 3/4" = 1'-0"

FIRE PROTECTION NOTES

- ALL FIRE PROTECTION SYSTEMS SHALL BE INSTALLED TO MEET REQUIREMENTS OF ALL APPLICABLE STATE, LOCAL, AND NFPA CODES, IN PARTICULAR WITH REFERENCE TO NFPA 13.
- PIPE SHALL BE 1/2" THICK OR THICKER AND SHALL BE SCHEDULE 40 STEEL PIPE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY AND STATE FIRE DEPARTMENT.
- CONNECTIONS SHALL BE MADE BY THE CONTRACTOR TO THE EXISTING SYSTEMS.
- ALL WORK SHALL BE PERFORMED AND INSTALLED BY SPRINKLER CONTRACTOR, WHOSE CONTRACT SHALL BE A CONDITION OF THIS CONTRACT.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NFPA CODES AND STANDARDS.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NFPA CODES AND STANDARDS.
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2 1ST FLOOR - RCP - FP
 (SCALE) 3/4" = 1'-0"



3 ENLARGED WATER METER ROOM
 (SCALE) 1/2" = 1'-0"

• CELLAR RCP FP	1.0
• 1" FIRE PIPE	477.5 FT
• 2" FIRE PIPE	42.5 FT
• 1 1/4" FIRE PIPE	30.0 FT
• 2 1/2" FIRE PIPE	15.0 FT
• 1 1/2" FIRE PIPE	5.2 FT
• DRY ASSEMBLY	3.0
• ARI COMPRESSOR	1.0
• SPRINKLER - TYPE 2 PENDENT	21.0
• CURB VALVE	1.0
• 3" FIRE PIPE	67.7 FT
• 1ST FLOOR RCP FP	1.0
• SPRINKLER - TYPE 2 RECESSED P...	26.0
• 1" FIRE PIPE	179.5 FT
• 3" FIRE PIPE	65.3 FT
• 2" FIRE PIPE	11.1 FT
• 3" FIRE PIPE RISER	7.0
• 1 1/4" FIRE PIPE	3.4 FT
• 1 1/2" FIRE PIPE	63.4 FT

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NODE

1100 15TH AVENUE, SUITE 1000
DENVER, CO 80202
TEL: (303) 733-8800
WWW.NODEARCH.COM

ARCHITECT OF RECORD FOR THE PROJECT
 Robert A. O'Neil, P.E.

ARCHITECT'S SEAL

PROJECT NO. 2014-001
 1100 15TH AVENUE, SUITE 1000
 DENVER, CO 80202

PROJECT NAME
 WEST 37TH - COLLIER
 RESIDENTIAL, SUB AREA

DRAWING NO. 1100-15TH-1100-1100-1100

SCALE: As Shown

FP-102

SHEET 2 OF 4

REVISED

CALCULATION BASIS FOR THE FIRE SPRINKLER SYSTEM

FIRE SPRINKLER (WET SYSTEM) CALCULATION

ASSUMPTIONS

A. OCCUPANCY CLASSIFICATION	REST HAUS
B. DENSITY	1.0 SPRINK
C. AREA OF APPLICATION	300 SF
D. SPRINKLER FACTOR	3.0
E. SPRINKLER FLUID RATE @ 1 PSI	10 GPM
F. COVERAGE PER SPRINKLER	30 SF
G. NUMBER OF SPRINKLERS CALCULATED PER AREA (ACCORDING TO NFPA 13 SECTION 12.4)	

HYDRAULIC CALCULATION

C. MINIMUM AVAILABLE PRESSURE FOR WET WET SPRINKLER HEAD	4.5 PSI
H. PRESSURE LOSS DUE TO HEIGHT - 30 FT. + A LOSS DUE TO BACKFLOW PREVENTION	0.4 PSI
I. PRESSURE LOSS DUE TO FRICTION LOSS DUE TO HYDRAULIC CALCULATION	0.5 PSI
J. PRESSURE LOSS DUE TO FRICTION LOSS DUE TO HYDRAULIC CALCULATION	1.0 PSI
K. PRESSURE LOSS DUE TO BACK FLOW PREVENTION (DIN MODEL DESIGN)	1.0 PSI
L. THE CALCULATED WATER FLOW RATE (BASED ON 1 SPRINKLER FLOW RATE)	10 GPM
M. SIZE OF ALL PRESSURE LOSS	10 PSI
N. AVAILABLE STREET PRESSURE (ACCORDING TO HYDRO TEST)	40 PSI
O. MINIMUM REQUIRED PUMP PRESSURE	10 PSI

DESIGN CRITERIA

ENTIRE SPRINKLER SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 13

1. OCCUPANCY CLASSIFICATION - STORAGE OBJECTS AND ACCORDING ROOM NUMBER COVERAGE PER SPRINKLER HEAD IS 30 SF
2. LIGHT HAUS OCCUPANCY - ALL OTHER AREAS MINIMUM COVERAGE PER SPRINKLER HEAD IS 30 SF
3. MINIMUM PRESSURE AT SPRINKLER HEAD IS 4.5 PSI
4. DISCHARGE FROM EACH SPRINKLER HEAD SHALL NOT BE LESS THAN REQUIRED FOR AREA COVERED BY THE HEAD. AREA COVERAGE PER HEAD SHALL BE DETERMINED IN ACCORDANCE WITH NFPA 13 SECTION 12.4
5. HYDRAULIC CALCULATION SHALL BE BROUGHT BACK TO CONNECTION TO THE MAIN
6. RESULT OF HYDRAULIC CALCULATION SHALL INDICATE MINIMUM PRESSURE SAFETY MARGIN IS EXCEED OF PRESSURE AVAILABLE OVER PRESSURE REQUIRED

CALCULATION BASIS FOR THE FIRE SPRINKLER SYSTEM

FIRE SPRINKLER (WET SYSTEM) CALCULATION

ASSUMPTIONS

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B. DENSITY	1.0 SPRINK
C. AREA OF APPLICATION	300 SF
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F. COVERAGE PER SPRINKLER	30 SF
G. NUMBER OF SPRINKLERS CALCULATED PER AREA (ACCORDING TO NFPA 13 SECTION 12.4)	

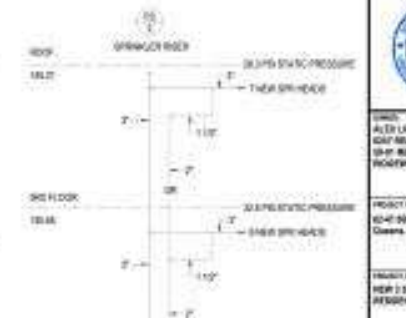
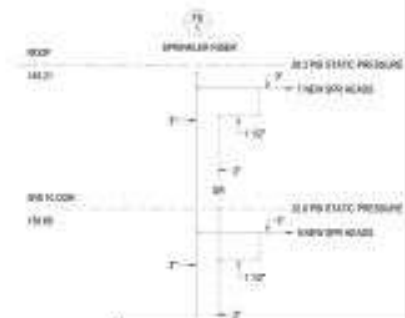
HYDRAULIC CALCULATION

C. MINIMUM AVAILABLE PRESSURE FOR WET WET SPRINKLER HEAD	4.5 PSI
H. PRESSURE LOSS DUE TO HEIGHT - 30 FT. + A LOSS DUE TO BACKFLOW PREVENTION	0.4 PSI
I. PRESSURE LOSS DUE TO FRICTION LOSS DUE TO HYDRAULIC CALCULATION	0.5 PSI
J. PRESSURE LOSS DUE TO FRICTION LOSS DUE TO HYDRAULIC CALCULATION	1.0 PSI
K. PRESSURE LOSS DUE TO BACK FLOW PREVENTION (DIN MODEL DESIGN)	1.0 PSI
L. THE CALCULATED WATER FLOW RATE (BASED ON 1 SPRINKLER FLOW RATE)	10 GPM
M. SIZE OF ALL PRESSURE LOSS	10 PSI
N. AVAILABLE STREET PRESSURE (ACCORDING TO HYDRO TEST)	40 PSI
O. MINIMUM REQUIRED PUMP PRESSURE	10 PSI

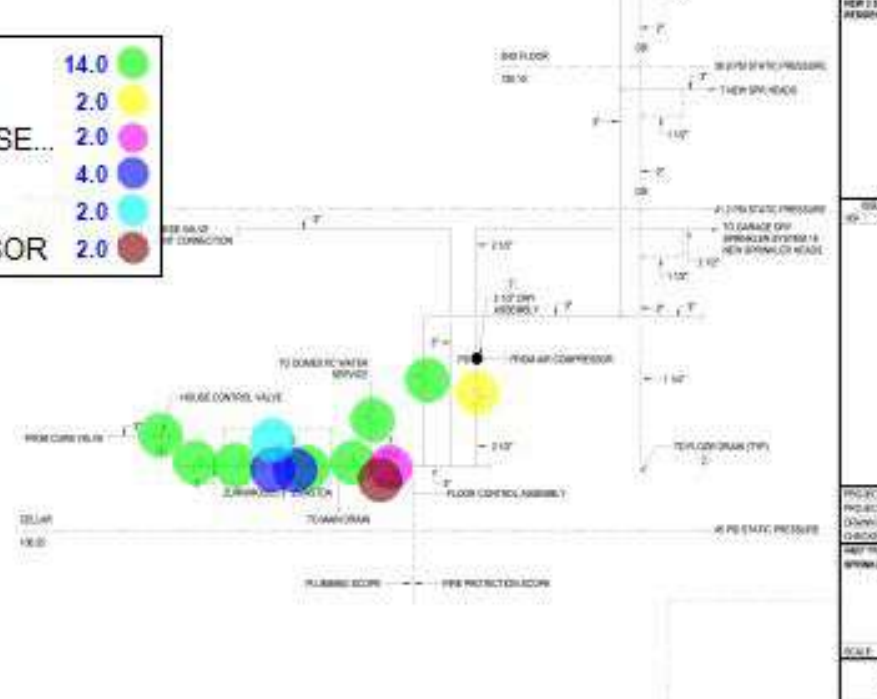
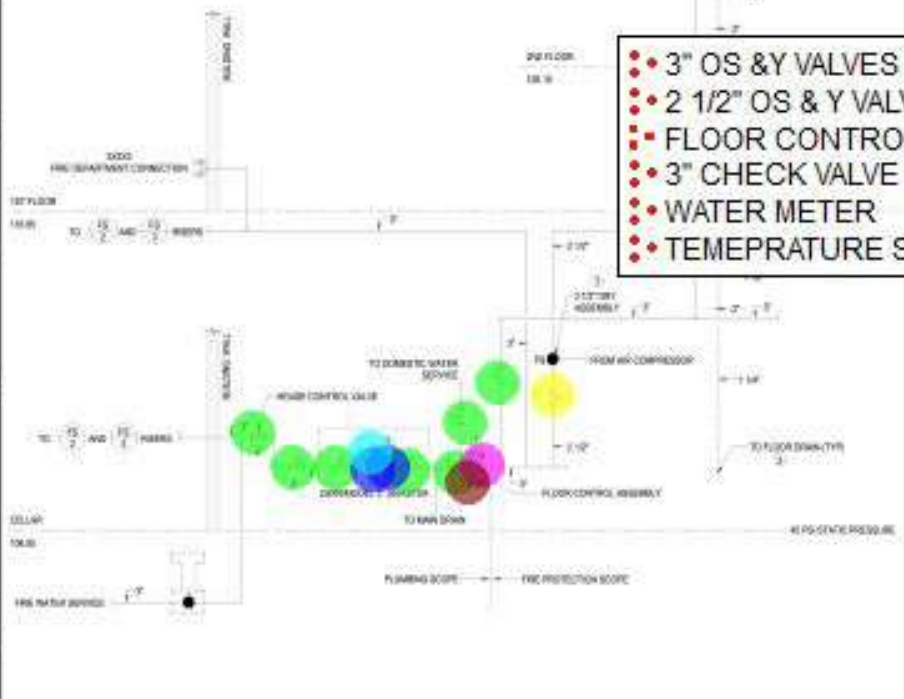
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6. RESULT OF HYDRAULIC CALCULATION SHALL INDICATE MINIMUM PRESSURE SAFETY MARGIN IS EXCEED OF PRESSURE AVAILABLE OVER PRESSURE REQUIRED



- 3" OS & Y VALVES 14.0
- 2 1/2" OS & Y VALVES 2.0
- FLOOR CONTROL ASSEMBLY 2.0
- 3" CHECK VALVE 4.0
- WATER METER 2.0
- TEMPERATURE SENSOR 2.0



Architecture
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NODE

PROJECT: 2024-001
PROJECT NAME: REST HAUS
PROJECT ADDRESS: 1234 METROPOLITAN AVE, WASHINGTON, DC 20001

PROJECT NUMBER: 2024-001-001
PROJECT ADDRESS: 1234 METROPOLITAN AVE, WASHINGTON, DC 20001

PROJECT NAME: REST HAUS - 3RD FLOOR - FLOOR CONTROL ASSEMBLY

PROJECT ADDRESS: 1234 METROPOLITAN AVE, WASHINGTON, DC 20001

PROJECT NUMBER: 2024-001-001
PROJECT ADDRESS: 1234 METROPOLITAN AVE, WASHINGTON, DC 20001

PROJECT NAME: REST HAUS - 3RD FLOOR - FLOOR CONTROL ASSEMBLY

PROJECT ADDRESS: 1234 METROPOLITAN AVE, WASHINGTON, DC 20001

SCALE: 1/4" = 1'-0"

DATE: 10/20/2024

FP-601

2ND FLOOR HVAC PLAN	0.0	
4" DIA HVAC DUCT	181.9 FT	
5" DIA HVAC DUCT	116.1 FT	
4" FLEXIBLE DUCT	36.4 FT	
Indoor Mini-Split Unit (IDU-2) Manuf...	3.0	
5" DIA HVAC DUCT	4.0	
12"X6" OUTSIDE AIR RISER	5.0	
3RD FLOOR HVAC PLAN	0.0	
ERV Equipment (ERV) Zhender Wei...	3.0	
Indoor Mini-Split Unit (IDU-3) Manuf...	3.0	
4" DIA HVAC DUCT	120.7 FT	
5" DIA HVAC DUCT	92.0 FT	
4" FLEXIBLE DUCT	42.0 FT	
12"X6" OUTSIDE AIR RISER	5.0	
ERV Equipment (ERV) Zhender Wei...	3.0	
Indoor Mini-Split Unit (IDU-3) Manuf...	3.0	
5" DUCT RISER	5.0	
Indoor Mini-Split Unit (IDU-2) Manuf...	3.0	

SHEET NOTES

1. DIMENSIONS OF DUCTS AND EQUIPMENT ARE SHOWN UNLESS OTHERWISE NOTED.
2. ALL DUCTS WITHIN THE MECH. ROOMS ARE TO BE PROVIDED WITH 1" INSULATION.
3. FOR A TABLE OF INSULATION TRANSMISSION COEFFICIENT VALUES FOR EXTERIOR DUCTS, REFER TO (ENR) 11-101 AND (ENR) 11-102.



NODE
Architecture
Engineering
Consulting, PC

10000 University Avenue
Belmont, CA 94705



DATE: 05/20/2014
PROJECT: 10000 UNIVERSITY AVENUE, BELMONT, CALIFORNIA, CA, 94705
PROJECT NO: 10000

DESIGN: MECHANICAL
SCALE: AS SHOWN
DATE: 05/20/2014

PROJECT NO: 10000
SCALE: AS SHOWN
DATE: 05/20/2014

PROJECT NO: 10000
SCALE: AS SHOWN
DATE: 05/20/2014

PROJECT NO: 10000
SCALE: AS SHOWN
DATE: 05/20/2014

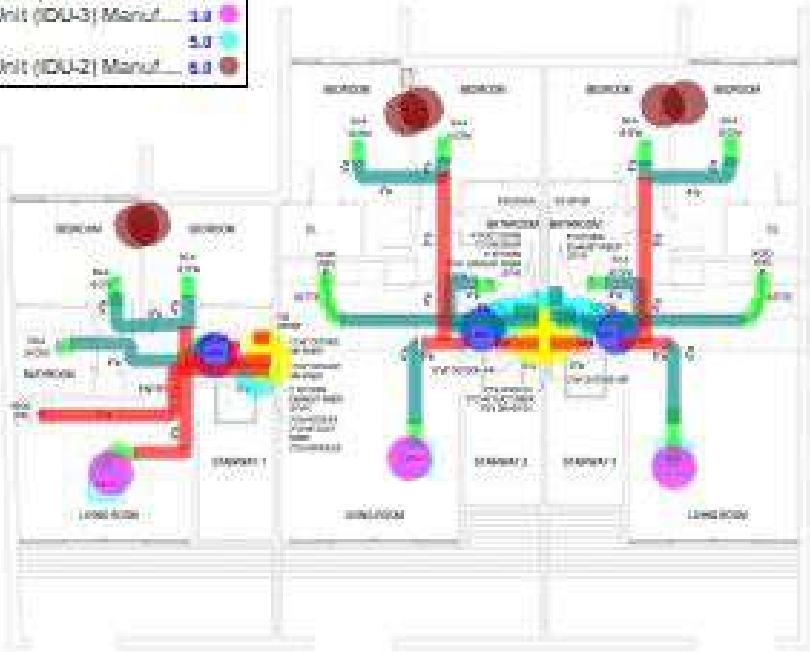
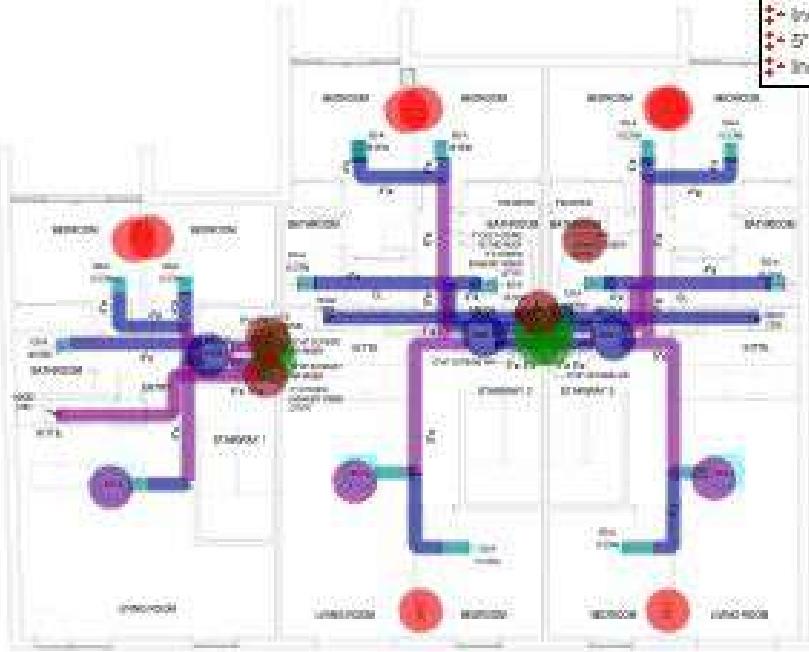
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SCALE: AS SHOWN
DATE: 05/20/2014

PROJECT NO: 10000
SCALE: AS SHOWN
DATE: 05/20/2014

PROJECT NO: 10000
SCALE: AS SHOWN
DATE: 05/20/2014

PROJECT NO: 10000
SCALE: AS SHOWN
DATE: 05/20/2014

PROJECT NO: 10000
SCALE: AS SHOWN
DATE: 05/20/2014



1 2ND FLOOR - HVAC
SCALE: 3/16" = 1'-0"

2 3RD FLOOR - HVAC
SCALE: 3/16" = 1'-0"

82-47-000359089-01

1	HVAC CELLAR PLAN	00	00
2	Indoor Mix-Split Unit (ODU-1) Manuf. M.	12	00
3	CO Sensor	10	00
4	Exhaust Fan (SF-A) Manuf. Greenheck	10	00
5	4" OA HVAC DUCT	00	17
6	Outdoor Mix-Split Unit (ODU-1) Manuf. M.	12	00
7	EXHAUST FAN, MANUF. GREENHECK	00	00
8	24"X12" LOUNGER	00	00
9	18"X12" LOUNGER	00	00
10	1ST FLOOR HVAC PLAN	00	00
11	Electric Unit Heater (EUFH-T) Manuf. M.	21	00
12	4" FLEXIBLE DUCT	00	17
13	Indoor Mix-Split Unit (ODU-2) Manuf. M.	00	00
14	Indoor Mix-Split Unit (ODU-1) Manuf. M.	12	00
15	EXHAUST FAN, MANUF. GREENHECK	10	00
16	12"X8" OUTSIDE AIR FRESHEN	00	00
17	3" OA HVAC DUCT	00	00
18	3" FLEXIBLE DUCT	00	17
19	ERV Equipment (ERV) Zibander Wright	00	00
20	4" OA HVAC DUCT	00	17
21	3" OA HVAC DUCT	00	17
22	Fire Smoke Damper	00	00

SHEET NOTES

1. DIMENSIONS OF DUCTS AND SIGNIFICANT REPRESENTATION DIMENSIONS DO NOT INCLUDE THICKNESS OF INSULATION.
2. ALL DUCTS IN WALLS OR THROUGH ROOFS TO BE PROVIDED WITH INSULATION.
3. FOR R-VALUES OF INSULATION, FIRE RESISTANCE AND R-VALUES OF INSULATION FOR EXTERIOR ROOFS, REFER TO EXISTING NOTES AND SPECIFICATIONS.



PROJECT OR WORKER'S NAME:
Robert J. Davis, P.E.



OWNER:
ALEX LIBAS
847 HUNTERS LANE
ROCKFORD, IL 61108

DESIGNER:
62-47-000
Schaumburg, IL 60196

PROJECT:
NEW 2 STORY + CELLAR
RESIDENTIAL BUILDING

DATE: 08/11/2021

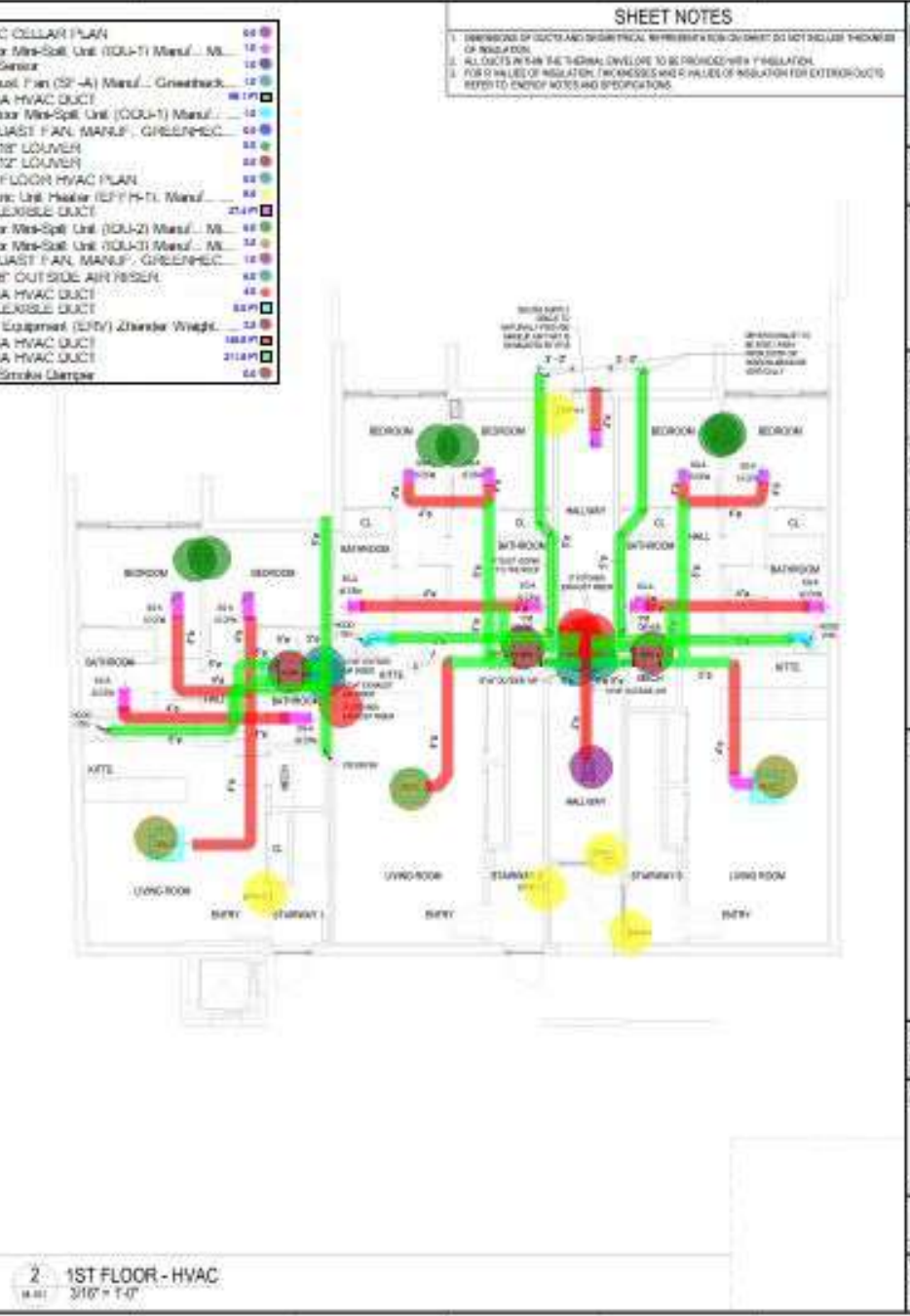
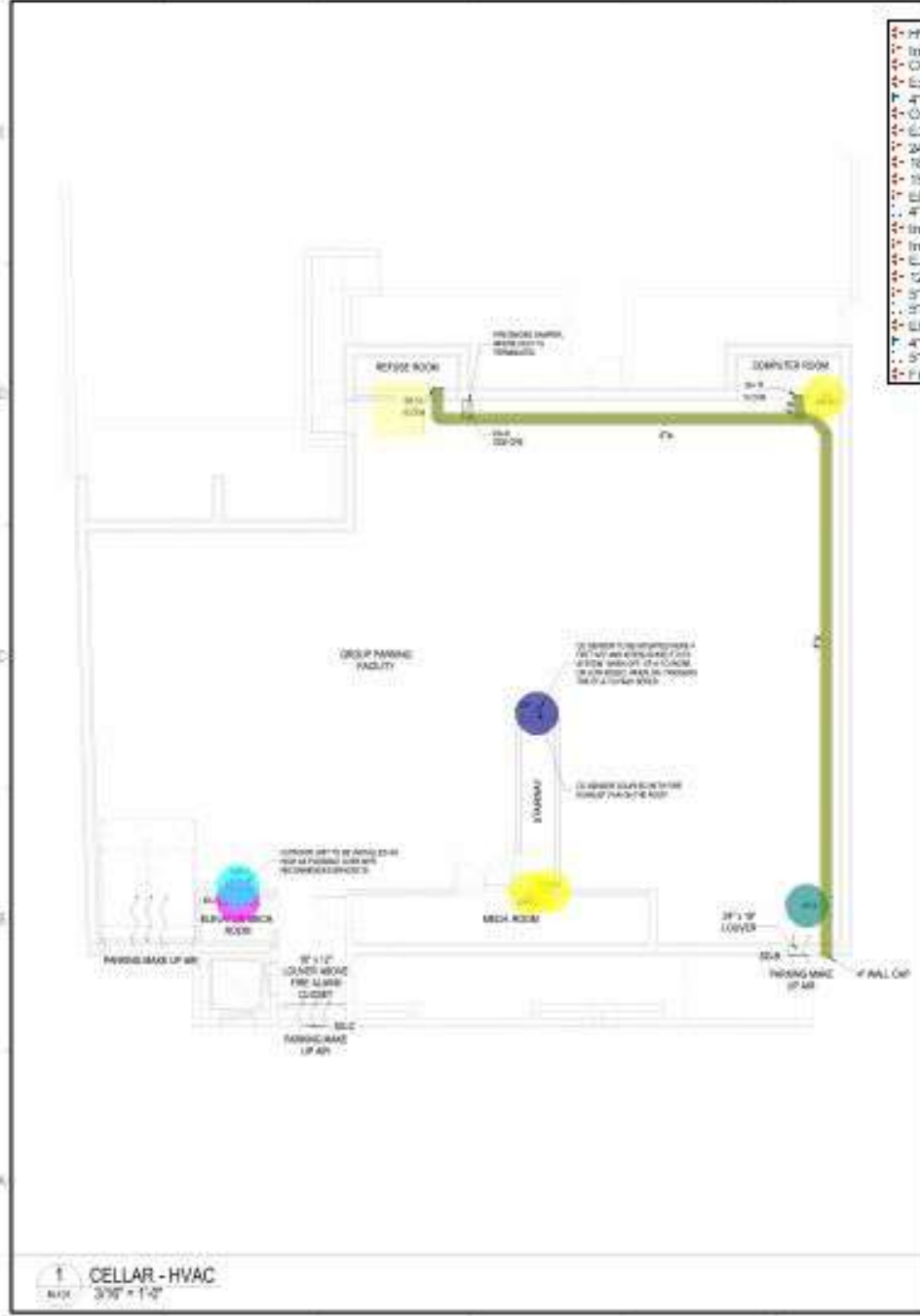
PROJECT NO: 62-47-000
PROJECT DATE: 08/11/2021
DESIGNED BY: WJG/PJC
CHECKED BY:

MECHANICAL PLAN

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

NO.: M-101
DATE: 7/21/21
PROJECT NO.:

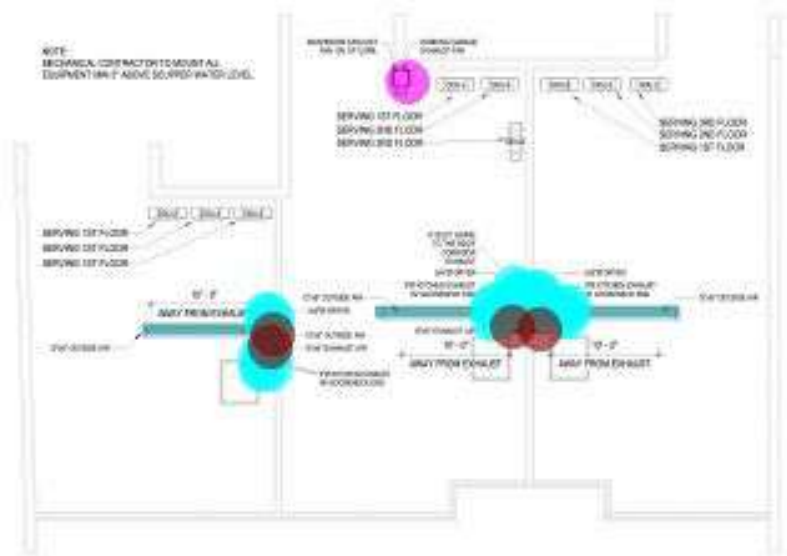
62-47-00056069-11



SHEET NOTES

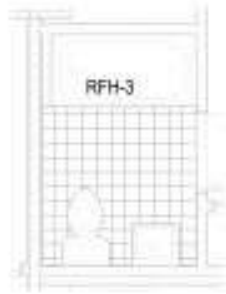
1. DIMENSIONS OF DUCTS AND GEOMETRICAL REPRESENTATION ON SHEET DO NOT REFLECT THE MASS OF INSULATION.
2. ALL DUCTS WITH THE TYPICAL INSULATION THICKNESS PROVIDED WITH 1" INSULATION.
3. FOR R-VALUES OF INSULATION THICKNESS AND R-VALUES OF INSULATION FOR EXHAUST DUCTS REFER TO ENDSPEC NOTES AND SPECIFICATIONS.

NOTE:
MECHANICAL CONTRACTOR TO MOUNT ALL
EQUIPMENT UNITS ABOVE FINISHED FLOOR LEVEL.



2 1ST-3RD FL BATHROOM 1 62-45 (TYP. 3) RADIANT FLOOR PLAN
SCALE: 1/2" = 1'-0"

3 1ST FL BATHROOM 2 62-45
SCALE: 1/2" = 1'-0"



4 1ST-2ND FL BATHROOM 62-47 & 64-49 (TYP. 8) RADIANT FLOOR PLAN
SCALE: 1/2" = 1'-0"

12"x6" EXHAUST DUCT	40.6 FT	
Parking Garage Exhaust F...	1.0	
5" Dia HVAC Duct W/ Goo...	32.0	
12"x6" Exhaust Air	4.0	
ROOF PLAN HVAC	0.0	

1 ROOF - HVAC
SCALE: 3/8" = 1'-0"

5 3RD FL BATHROOM 62-47 & 62-49 (TYP. 2) RADIANT FLOOR PLAN
SCALE: 1/2" = 1'-0"



Architecture
Engineering
Consulting PC
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PROJECT ADDRESS
62-47-0000
Queen, VA 23060

PROJECT NAME
NEW 2 STORY - COLLAB
RESIDENTIAL, 62-47-0000

PROJECT NUMBER
62-47-0000
Queen, VA 23060

PROJECT NAME
NEW 2 STORY - COLLAB
RESIDENTIAL, 62-47-0000

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Queen, VA 23060

PROJECT NAME
NEW 2 STORY - COLLAB
RESIDENTIAL, 62-47-0000

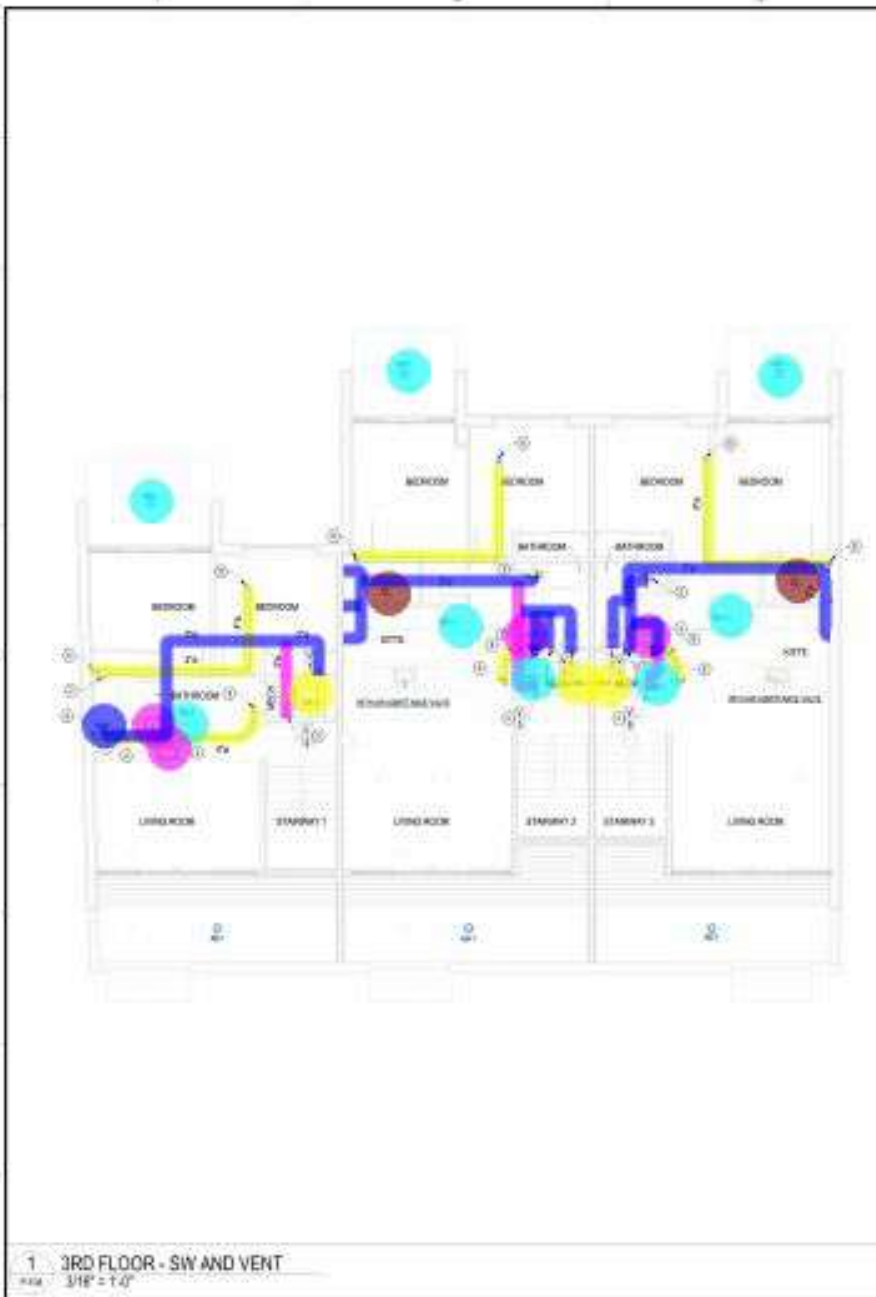
PROJECT ADDRESS
62-47-0000
Queen, VA 23060

PROJECT NAME
NEW 2 STORY - COLLAB
RESIDENTIAL, 62-47-0000

PROJECT ADDRESS
62-47-0000
Queen, VA 23060

PROJECT NAME
NEW 2 STORY - COLLAB
RESIDENTIAL, 62-47-0000

PROJECT ADDRESS
62-47-0000
Queen, VA 23060



1 3RD FLOOR - SW AND VENT
 3/16" = 1'-0"

SHEET KEYNOTES

NOTE

1. 2" AND 3" DIA. 2' MIN. SP.
2. 2" AND 3" DIA. 2' MIN. SP.
3. 2" AND 3" DIA. 2' MIN. SP.
4. 2" DIA.
5. 3" DIA.
6. 4" DIA.
7. 6" DIA.
8. 8" DIA.
9. 10" DIA.
10. PROVIDE CLEANOUT AT THE END OF EACH BRANCH.
11. CONTACT TO CITY AND STATE AGENCIES. REFER TO CIVIL ENGINEERING DEPARTMENT.
12. REFER TO DOWN APPROPRIATE LOCATION.
13. SEWERY AND STORM SEWER SHALL MERGE AT PROPERTY LINE.
14. IF CLEANING SPACE IS REQUIRED.
15. PROVIDE 10" DIA. SCUPPER FOR EMERGENCY DRAIN. DRAIN SHALL BE TO 1" HOLES THROUGH FLOOR.

GENERAL NOTES

1. PROVIDE CLEANOUT EVERY 10' AND EVERY 10' FROM THE SUBSTANTIALLY DRAIN.
2. PROVIDE CLEANOUT FROM THE PIPE SIZE INCREASES IN THE HORIZONTAL STORM DRAIN LINE.
3. THE SLOPE OF ALL HORIZONTAL PIPES SHALL BE DETERMINED BY THE SLOPE OF THE GROUND SURFACE AS MUCH AS POSSIBLE.
4. ALL HORIZONTAL VENT LINES ARE LOCATED AT THE CEILING.

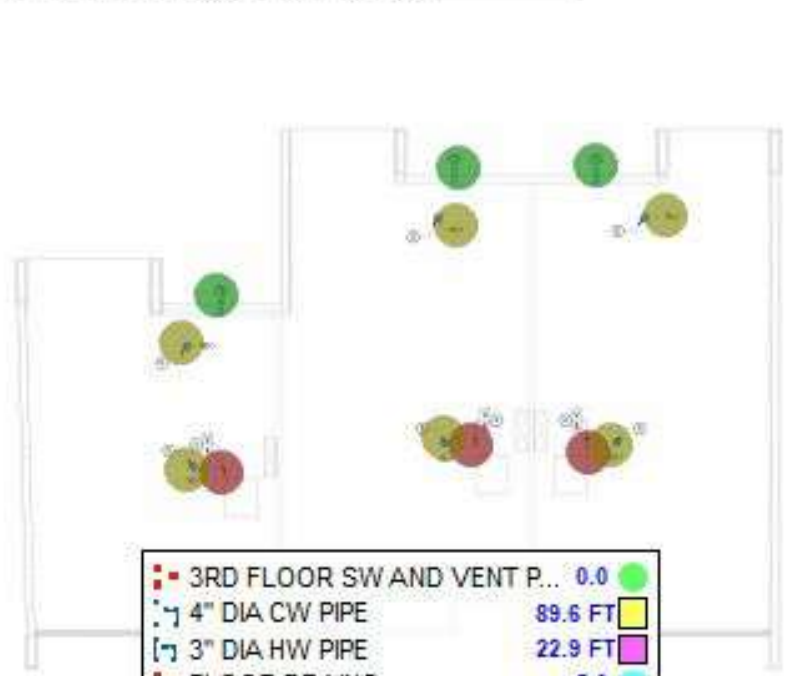


PROJECT NO. 02-000-0000
 Queen, NY 11385

PROJECT NAME
 NEW 3 STORY - COLLABORATIVE, 1000 10TH AVENUE

PROJECT NO. 02-000-0000
 Queen, NY 11385

DATE: 01/15/2024



2 ROOF - SW AND VENT
 3/16" = 1'-0"

3RD FLOOR SW AND VENT P..	0.0	Green circle
4" DIA CW PIPE	89.6 FT	Yellow square
3" DIA HW PIPE	22.9 FT	Pink square
FLOOR DRAINS	5.0	Cyan circle
CLEANOUTS	2.0	Brown circle
WASHER/ DRYER	3.0	Yellow circle
BATHTUB	1.0	Blue circle
LAVATORY	4.0	Pink circle
AREA DRAIN	3.0	Cyan circle
2" DIA HW PIPE	126.9 FT	Blue square
ROOF SW AND VENT PLN	0.0	Green circle
4" VENT THROUGH ROOF PIPE	3.0	Brown circle
10" SCUPPER FOR EMERGE...	3.0	Green circle
ROOF DRAINS	6.0	Olive circle

PROJECT NO. 02-000-0000
 Queen, NY 11385

PROJECT NAME
 NEW 3 STORY - COLLABORATIVE, 1000 10TH AVENUE

SCALE: 3/16" = 1'-0"
P-104

DATE: 01/15/2024
Q0056002

1	3/4" HW PIPE	92.6 FT
1	1" HW PIPE DIA	27.6 FT
1	3/4" DIA CW PIPE	92.7 FT
1	3/4" HW 90Bend	1.0
1	3/4" Tees	17.0
1	1" hw Bend	0.0
1	1 1/4" HW Tees	2.0
1	1" HW Tees	4.0
1	1" HW Tees	2.0
1	1 1/4" Bend	2.0
1	1" DIA CW PIPE	67.3 FT
1	1 1/4" DIA CW PIPE	36.9 FT
1	2ND FLOOR HW AND CW PIPE	0.0
1	3RD FLOOR HW AND CW PLAN	0.0
1	3/4" HW PIPE	71.1 FT
1	1" HW PIPE DIA	19.4 FT
1	1" DIA CW PIPE	66.1 FT
1	3/4" DIA CW PIPE	50.6 FT
1	3/4" DIA CW PIPE	37.2 FT
1	WATER HEATER WITH EXPANSI...	0.0
1	SHUT OFF VALVE WITH ACCESS...	6.0
1	CW SUB METER WIDTH 24X24 ...	0.0

SHEET KEYNOTES	
1	NOE
2	COLLECTOR SUBMETER PROVIDE SHUT OFF VALVE ACCESS PANEL 18"X18" IN COLLECTOR
3	3/4" COLLECTOR WATER FROM 3RD FLOOR FOR 1000 GPM
4	3/4" COLLECTOR WATER UP TO 1000 GPM ONLY AT 1000 GPM ONLY
5	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
6	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
7	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
8	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
9	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
10	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
11	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
12	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
13	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
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70	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
71	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
72	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
73	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
74	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
75	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
76	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
77	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
78	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
79	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
80	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
81	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
82	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
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97	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
98	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
99	3/4" COLLECTOR WATER FOR 1000 GPM ONLY
100	3/4" COLLECTOR WATER FOR 1000 GPM ONLY

Architecture
Engineering
Consulting P.C.

NODE

1000 10th Street
Suite 1000
Baltimore, MD 21202
Phone: 410.552.1000
Fax: 410.552.1001
www.nodeinc.com

PROJECT LOCATION IN BOSTON
Boston, MA



OWNER
ALDI USA
CORP. LLC
100 W. METROPOLITAN AVE.
BOSTON, MA 02108

PROJECT NUMBER
02-000-0002
Owner: 07/15/08

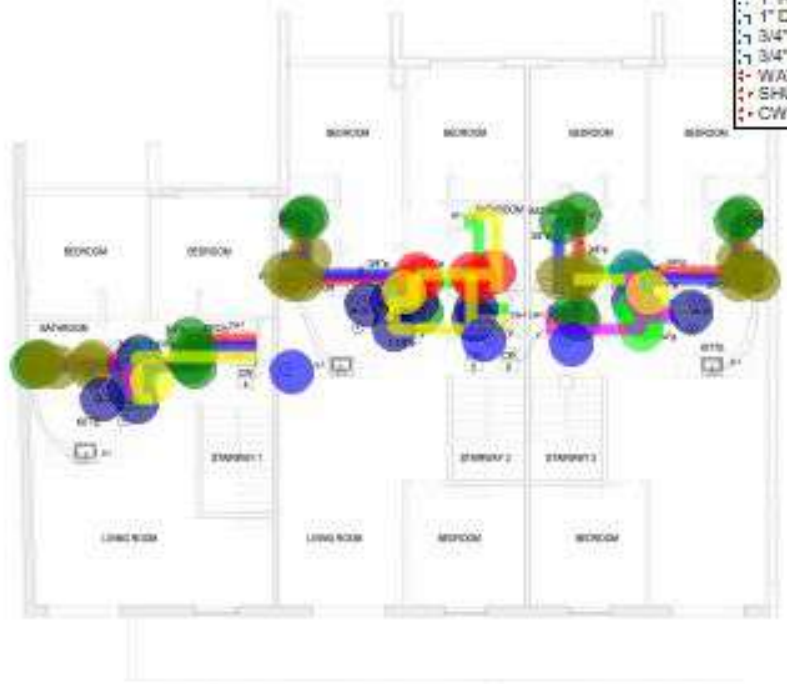
PROJECT NAME
NEW 2 STORY - COLLABORATIVE
RESIDENTIAL, 100 W. METROPOLITAN AVE.

SCALE: 1/4" = 1'-0"
1/8" = 1'-0"
1/16" = 1'-0"

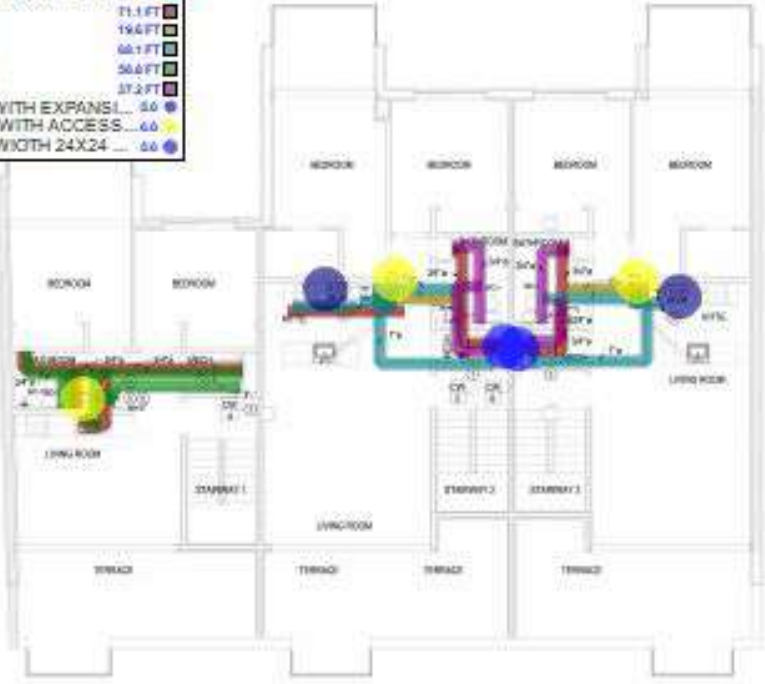
PROJECT: 02
PROJECT NO: 020002
DRAWN BY: ME
CHECKED BY: ME
DATE: 07/15/08

SCALE: 1/4" = 1'-0"
1/8" = 1'-0"
1/16" = 1'-0"

P-106
SHEET 4 OF 11
DATE: 07/15/08
Q00556092



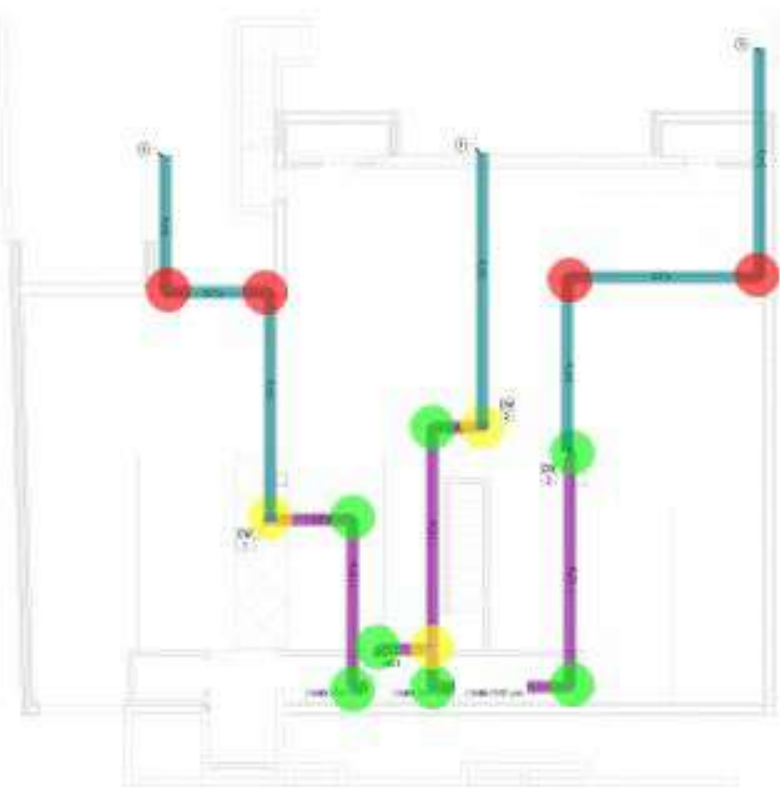
1 2ND FLOOR - HW AND CW
Scale: 3/16" = 1'-0"



2 3RD FLOOR - HW AND CW
Scale: 3/16" = 1'-0"



3 ENLARGED WATER METER ROOM
 * scale: 1/2" = 1'-0"



1 CELLAR - HW AND CW
 * scale: 3/16" = 1'-0"

1 1/2" DIA CW PIPE	99.0 FT
1 1/2" CW Bend	7.0
1 1/2" CW Tees	3.0
3/4" DIA CW PIPE	124.3 FT
CELLAR HW AND CW PLAN	0.0
1ST FLOOR HW AND CW PLAN	0.0
3/4" CW bend	25.0
1" HW PIPE	35.9 FT
1 1/2" DIA CW PIPE	10.1 FT
1 1/4" CW PIPE	68.9 FT
3/4" CW PIPE	26.9 FT
3/4" HW PIPE	118.2 FT
3/4" DIA CW PIPE	10.6 FT
1" CW pipe	24.3 FT
3/4" CW tees	10.0
1" CW TEES	15.0
1" CW BEND	14.0
WATER HEATER WITH EXPANSION	4.0
HOSE BIB	3.0
CW SUB METER WITH 24X24 ACCE	3.0
SHUTOFF VALVE WITH ACCESS PA	2.0
1" HW PIPE	6.3 FT
1" DIA CW PIPE	28.0 FT

SHEET KEYNOTES

#	DESCRIPTION
1	COLD WATER SUBMETER PROVIDE 3" OF ACCESS PANEL 4" EDGE & GROUND
2	3/4" COLD WATER FROM 3RD FLOOR FOR HW & BS
3	3/4" COLD WATER UP TO 1ST FLOOR 2" ONLY AT 4" FOR HW & BS
4	1/2" COLD WATER FOR TAP WATER
5	CLEANER ROOM 1. REFER TO WATER HEATER CONNECTION DETAIL
6	PROVIDE 5" R/OFF VALVES AND ACCESS PANEL IN ROOM. DOWNWART WITH ARCHITECT FOR LOCATION AND SIZE
7	PROVIDE 5" R/OFF VALVES AND ACCESS PANEL IN ROOM. DOWNWART WITH ARCHITECT FOR LOCATION AND SIZE
8	REFER TO 105 FOR 3" TO BE LOADED HAVE THE BOX FOR RESTRICTED USE
9	FOR 1/2" CW UPPER FLOOR



ALDI LIGAN
 CIVIL & MECHANICAL ENGINEER
 100 WEST 100TH AVE
 ROCKAWAY, NY 11866

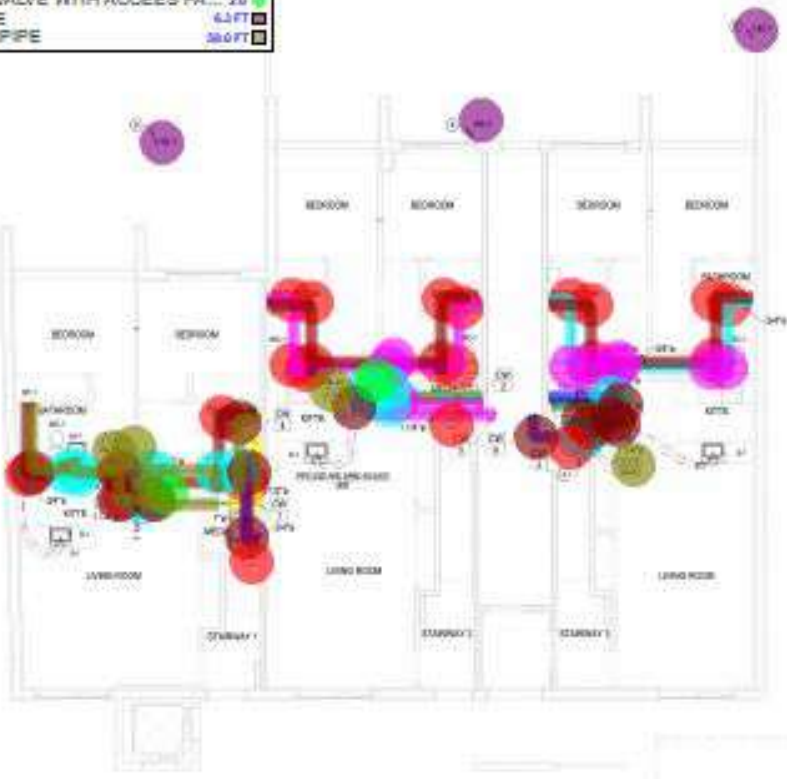
PROJECT NUMBER
 6242 888 8888
 Queens, NY 11368

PROJECT NAME
 NEW 2 STORY - CELLAR
 RESIDENTIAL, SUB 5382

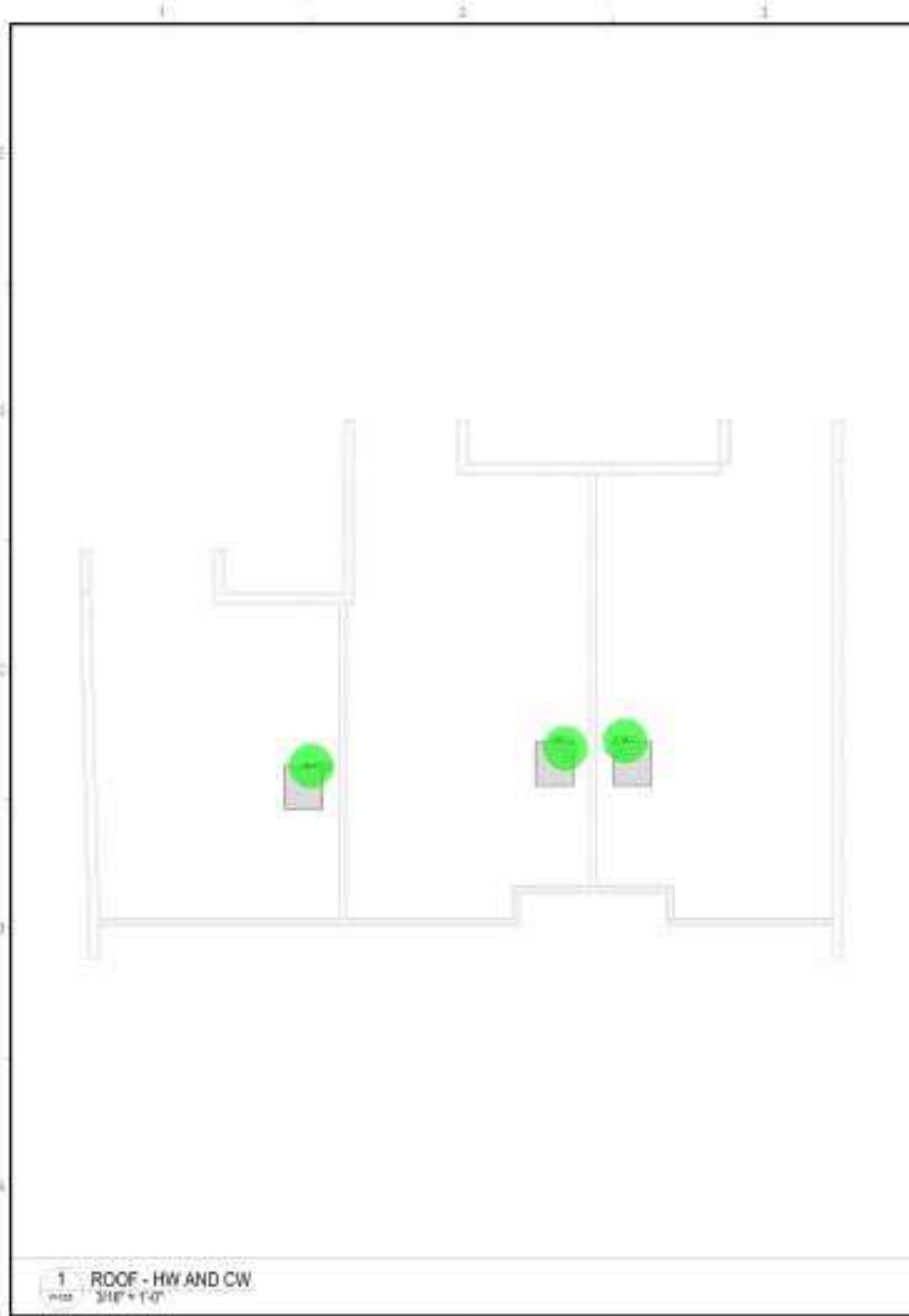
DATE OF ISSUE
 08/23/2023

PROJECT NO
 PROJECT NO: 6242 888 8888
 DRAWN BY: ALDI LIGAN
 CHECKED BY: ALDI LIGAN
 SHEET TITLE
 PLUMBING PLAN

SCALE: As Shown
 P-105
 SHEET: 4 of 11
 DRAWING NO:
Q0556092



2 1ST FLOOR - HW AND CW
 * scale: 3/16" = 1'-0"



SHEET KEYNOTES	
KEY	NOTE
1	CUSTOMER SUBMITTER PROVIDE SHOT OFF VALVES ACCESS PANELS WHERE IN COLING
2	SH OFF VALVES FROM BELOW LEVEL FOR HOSE BIB
3	SH OFF VALVES UP TO LEVEL 2T ONLY AT 2TH FLOOR HOSE BIB
4	SH OFF VALVES FOR NEW FLOOR
5	CONSUMER CONSULT REFER TO WATER HEATER CONNECTION DETAIL
6	PROVIDE SCHEDULE TO CLASSIFY WATER HEATER W/HEAT EXCHANGER TWO CONNECTIONS
7	PROVIDE SHOT OFF VALVES AND ACCESS PANELS IN COLING COORDINATE WITH ARCHITECT FOR LOCATION AND SIZE
8	NEAR TWO HOSE BIB TO BE LOCKED UNLESS THE BOX FOR RESTRICTED USE
9	FOR FLOOR ON UPPER FLOOR

••	Roof Plan	0.0	Yellow Circle
••	Hose Bib (HB-1)	3.0	Green Circle



1000 5TH AVENUE
SUITE 2000
DENVER, CO 80202
ARCHITECTURE ENGINEERING & CONSULTING, P.C.
ROBERT S. GARDNER, P.E.



OWNER
ALDI USA
REALTY LLC
100 W. WYOMING AVENUE
DENVER, CO 80202

PROJECT NUMBER
6242-000-0000
October 10, 2024

PROJECT NAME
NEW 2 STORY - COLLAG
RESIDENTIAL - 3RD FLOOR

DATE/VERSION TO BE USED
NO. / VER. / DATE

PROJECT: 62
PROJECT NO: 6242-000-0000
DRAWN BY: WJ
CHECKED BY: WJ

DATE PLOTTED
PLUMBING PLAN

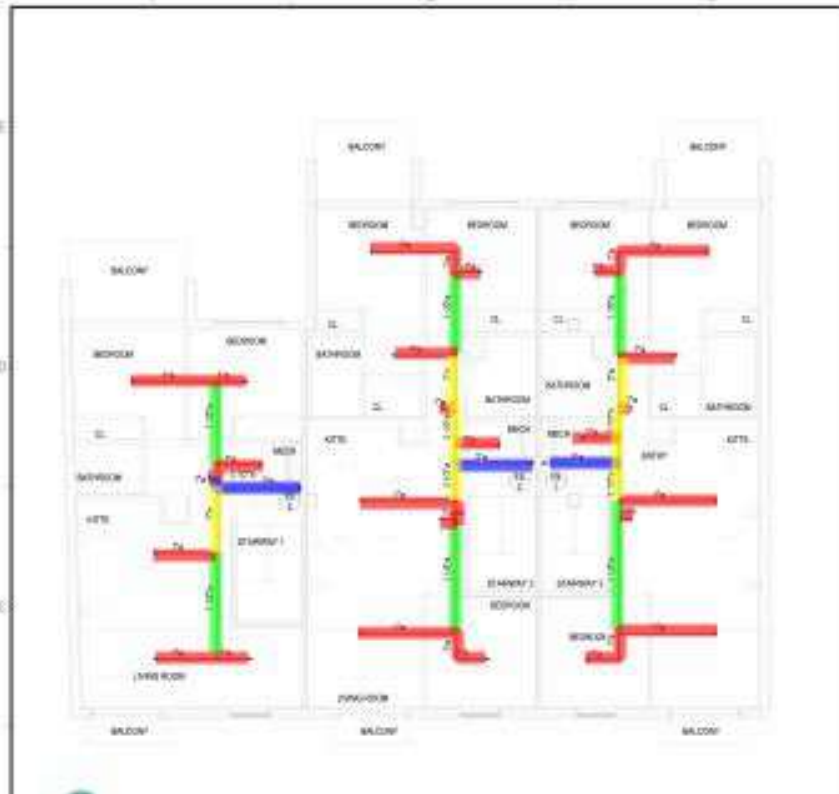
SCALE: 3/8" = 1'-0"
PROJECT: 6242-000-0000

P-107

SHEET 1 OF 11

DATE PLOTTED
03/05/2024

1 ROOF - HW AND CW
Scale: 3/8" = 1'-0"



1 2ND FLOOR - RCP - FP

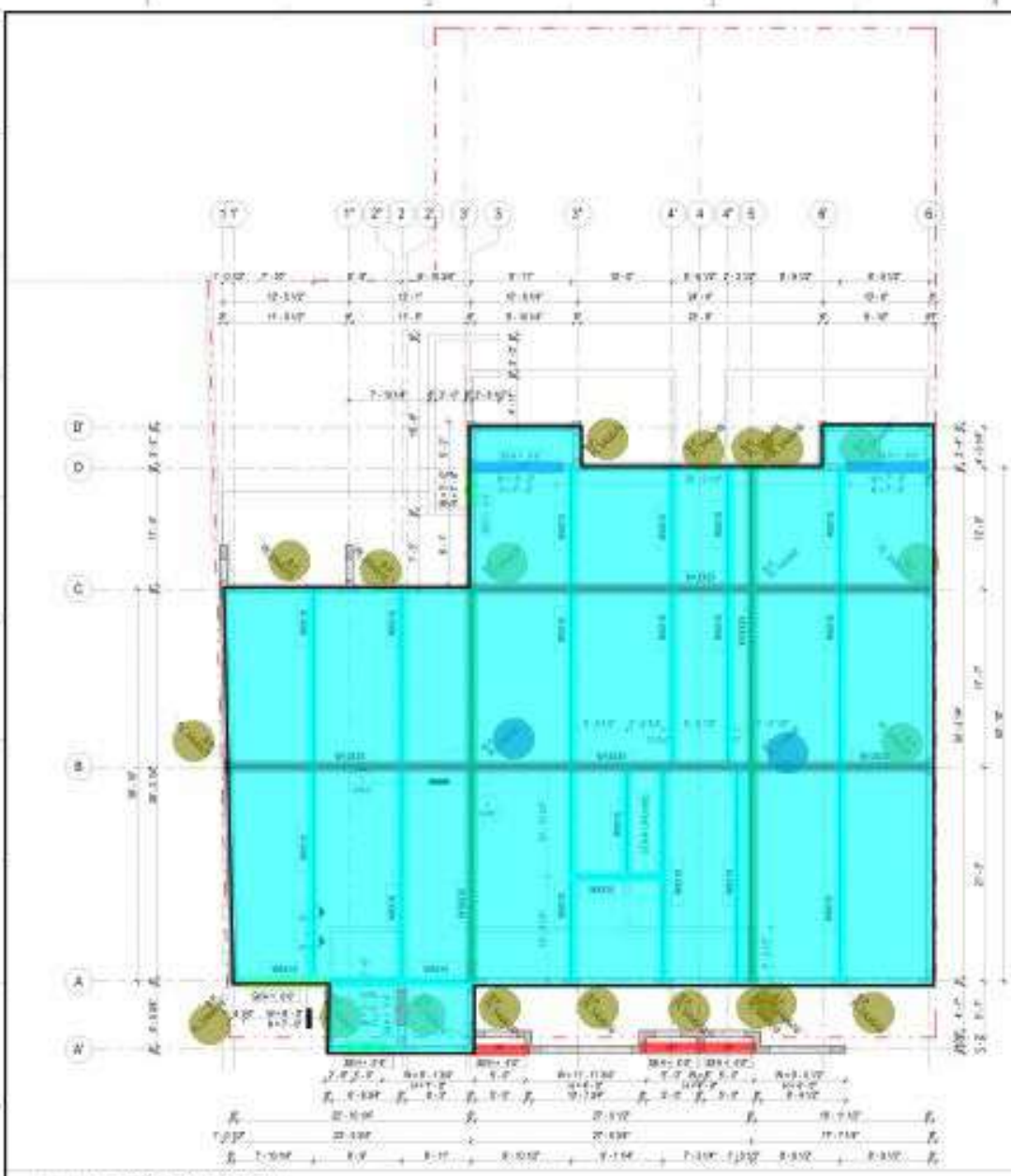
1:100 1:100

SPRINKLER SCHEDULE		
Type No.	Type	Dist.
1	WSPR	10
2	1" Fire	10
3	1 1/2" Fire	10
4	2" Fire	10
5	3" Fire	10

2 3RD FLOOR - RCP - FP

1:100 1:100

1	2ND FLOOR RCP FP	1.0	
2	1" FIRE PIPE	143.4 FT	
3	1 1/2" FIRE PIPE	59.0 FT	
4	SRPINKLERS - TYPE RECE...	1.0	
5	3" FIRE PIPE	23.6 FT	
6	SRPINKLERS - TYPE RECE...	1.0	
7	2" FIRE PIPE	35.1 FT	
8	3RD FLOOR RCP FP	1.0	
9	1" FIRE PIPE	137.3 FT	
10	3" FIRE PIPE	23.4 FT	
11	2" FIRE PIPE	16.6 FT	
12	2 1/2" FIRE PIPE	1.1 FT	
13	1 1/2" FIRE PIPE	20.3 FT	



LEGEND SYMBOLS

KEY	SYMBOL	NOTE
A. BEAMS		
1	[Symbol]	HEAVY LOAD BEARING WALL (SEE DETAILS @ 5'-0" ON)
2	[Symbol]	WALL STUD BEARING WALL (SEE DETAILS @ 5'-0" ON)
3	[Symbol]	BEARING WALL BEARING (SEE DETAILS @ 5'-0" ON)
4	[Symbol]	WALL BEARING (SEE DETAILS @ 5'-0" ON)
5	[Symbol]	WALL BEARING (SEE DETAILS @ 5'-0" ON)
6	[Symbol]	WALL BEARING (SEE DETAILS @ 5'-0" ON)
B. COLUMN		
1	[Symbol]	C-100T 12x12
2	[Symbol]	C-100T 12x12 @ 8'-0" ON
3	[Symbol]	C-100T 12x12 @ 8'-0" ON
4	[Symbol]	C-100T 12x12 @ 8'-0" ON
5	[Symbol]	C-100T 12x12 @ 8'-0" ON
6	[Symbol]	C-100T 12x12 @ 8'-0" ON
7	[Symbol]	C-100T 12x12 @ 8'-0" ON
8	[Symbol]	C-100T 12x12 @ 8'-0" ON
9	[Symbol]	C-100T 12x12 @ 8'-0" ON
10	[Symbol]	C-100T 12x12 @ 8'-0" ON
11	[Symbol]	C-100T 12x12 @ 8'-0" ON
12	[Symbol]	C-100T 12x12 @ 8'-0" ON
13	[Symbol]	C-100T 12x12 @ 8'-0" ON
14	[Symbol]	C-100T 12x12 @ 8'-0" ON
15	[Symbol]	C-100T 12x12 @ 8'-0" ON
16	[Symbol]	C-100T 12x12 @ 8'-0" ON
17	[Symbol]	C-100T 12x12 @ 8'-0" ON
18	[Symbol]	C-100T 12x12 @ 8'-0" ON
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23	[Symbol]	C-100T 12x12 @ 8'-0" ON
24	[Symbol]	C-100T 12x12 @ 8'-0" ON
25	[Symbol]	C-100T 12x12 @ 8'-0" ON
26	[Symbol]	C-100T 12x12 @ 8'-0" ON
27	[Symbol]	C-100T 12x12 @ 8'-0" ON
28	[Symbol]	C-100T 12x12 @ 8'-0" ON
29	[Symbol]	C-100T 12x12 @ 8'-0" ON
30	[Symbol]	C-100T 12x12 @ 8'-0" ON
31	[Symbol]	C-100T 12x12 @ 8'-0" ON
32	[Symbol]	C-100T 12x12 @ 8'-0" ON
33	[Symbol]	C-100T 12x12 @ 8'-0" ON
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53	[Symbol]	C-100T 12x12 @ 8'-0" ON
54	[Symbol]	C-100T 12x12 @ 8'-0" ON
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59	[Symbol]	C-100T 12x12 @ 8'-0" ON
60	[Symbol]	C-100T 12x12 @ 8'-0" ON
61	[Symbol]	C-100T 12x12 @ 8'-0" ON
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73	[Symbol]	C-100T 12x12 @ 8'-0" ON
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82	[Symbol]	C-100T 12x12 @ 8'-0" ON
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85	[Symbol]	C-100T 12x12 @ 8'-0" ON
86	[Symbol]	C-100T 12x12 @ 8'-0" ON
87	[Symbol]	C-100T 12x12 @ 8'-0" ON
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98	[Symbol]	C-100T 12x12 @ 8'-0" ON
99	[Symbol]	C-100T 12x12 @ 8'-0" ON
100	[Symbol]	C-100T 12x12 @ 8'-0" ON



NODE

ARCHITECTURE ENGINEERING CONSULTING PC
10000 W. 10th Street, Suite 1000, Denver, CO 80202
303.733.1111



STATE OF COLORADO
Professional Engineer
No. 12345
Exp. 12/31/2024

PROJECT NO. 2024-001
DATE: 08/15/2024

PROJECT NAME: 10000 W. 10th Street, Suite 1000, Denver, CO 80202

PROJECT LOCATION: 10000 W. 10th Street, Suite 1000, Denver, CO 80202

PROJECT OWNER: 10000 W. 10th Street, Suite 1000, Denver, CO 80202

PROJECT ARCHITECT: 10000 W. 10th Street, Suite 1000, Denver, CO 80202

PROJECT ENGINEER: 10000 W. 10th Street, Suite 1000, Denver, CO 80202

PROJECT DATE: 08/15/2024

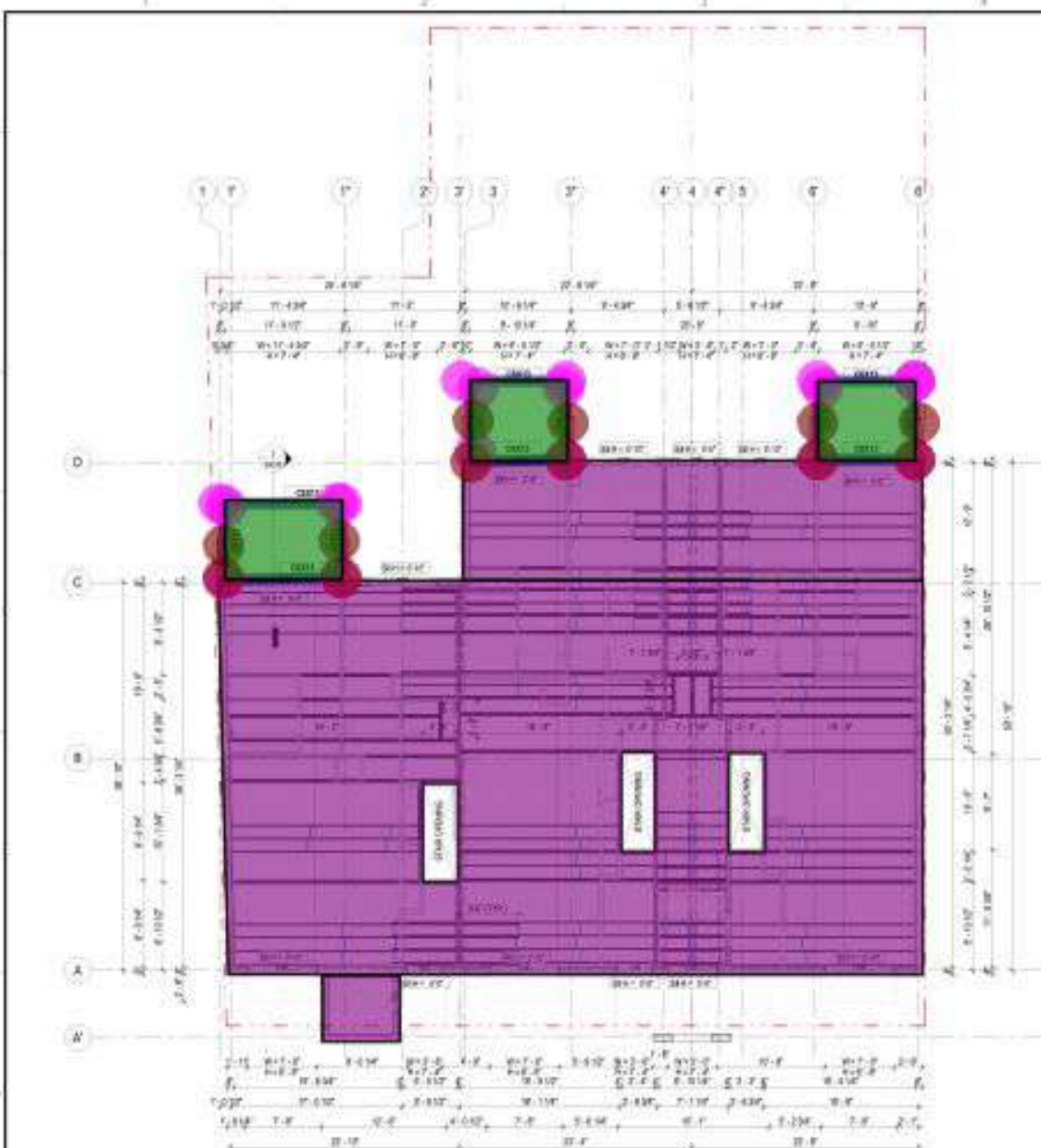
PROJECT SCALE: 1/8" = 1'-0"

PROJECT SHEET: S-101.00

PROJECT TOTAL SHEETS: 100

[Symbol]	W8x10	326.2 FT	[Symbol]
[Symbol]	W18x35	90.3 FT	[Symbol]
[Symbol]	W12x35	115.2 FT	[Symbol]
[Symbol]	(3/4x8x10) Base Plate	2.0	[Symbol]
[Symbol]	(3/4x6x10) Base Plate	20.0	[Symbol]
[Symbol]	CB2	8.0 FT	[Symbol]
[Symbol]	CB1	21.3 FT	[Symbol]
[Symbol]	CB4	17.4 FT	[Symbol]
[Symbol]	CB3	8.8 FT	[Symbol]
[Symbol]	(4") Concrete Slab	3,481.1 SQ FT	[Symbol]

1 1ST FLOOR FRAMING PLAN
Scale: 3/16" = 1'-0"



LEGEND SYMBOLS

KEY	SYMBOL	NOTE
1		NEW CONC DECKING WALL SEE DETAILS @ 1005-01-10
2		NEW CONC DECKING WALL SEE DETAILS @ 1005-01-10
3		REMOVE EXISTING SEE DETAILS @ 1005-01-10
4		NEW CONC DECKING WALL SEE DETAILS @ 1005-01-10
5		REMOVE EXISTING SEE DETAILS @ 1005-01-10
6		NEW CONC DECKING WALL SEE DETAILS @ 1005-01-10
7		REMOVE EXISTING SEE DETAILS @ 1005-01-10

INDIC. FRAMING PLAN IS A REPRESENTATION OF THE

1. THIS DRAWING IS A REPRESENTATION OF THE STRUCTURAL COMPONENTS AND MATERIALS. CONSULT THE ARCHITECT FOR ALL OTHER INFORMATION.

2. COORDINATE WITH ALL OTHER DRAWINGS AND SPECIFICATIONS.

3. ALL DIMENSIONS, LOCATIONS AND ELEVATIONS SHOWN ON THIS DRAWING ARE BASED ON THE SURVEY DATA PROVIDED BY THE ARCHITECT.

4. VERIFY ALL FIELD CONDITIONS AND PLAN DIMENSIONS AT THE SITE.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

	C6x13	109.1 FT
	(2") Concrete Slab	3,257.3 SQ FT
	(3-1/2x3-1/2x5/15 - 5") Co...	18.0
	(4") Concrete Slab	249.5 SQ FT
	(3/4x4x10) Base Plate	12.0

NODE

PROJECT INFORMATION

PROJECT NAME: 624' BAYVIEW DRIVE, NY 11385

PROJECT NO: 2024-001

DATE: 10/20/24

REVISIONS

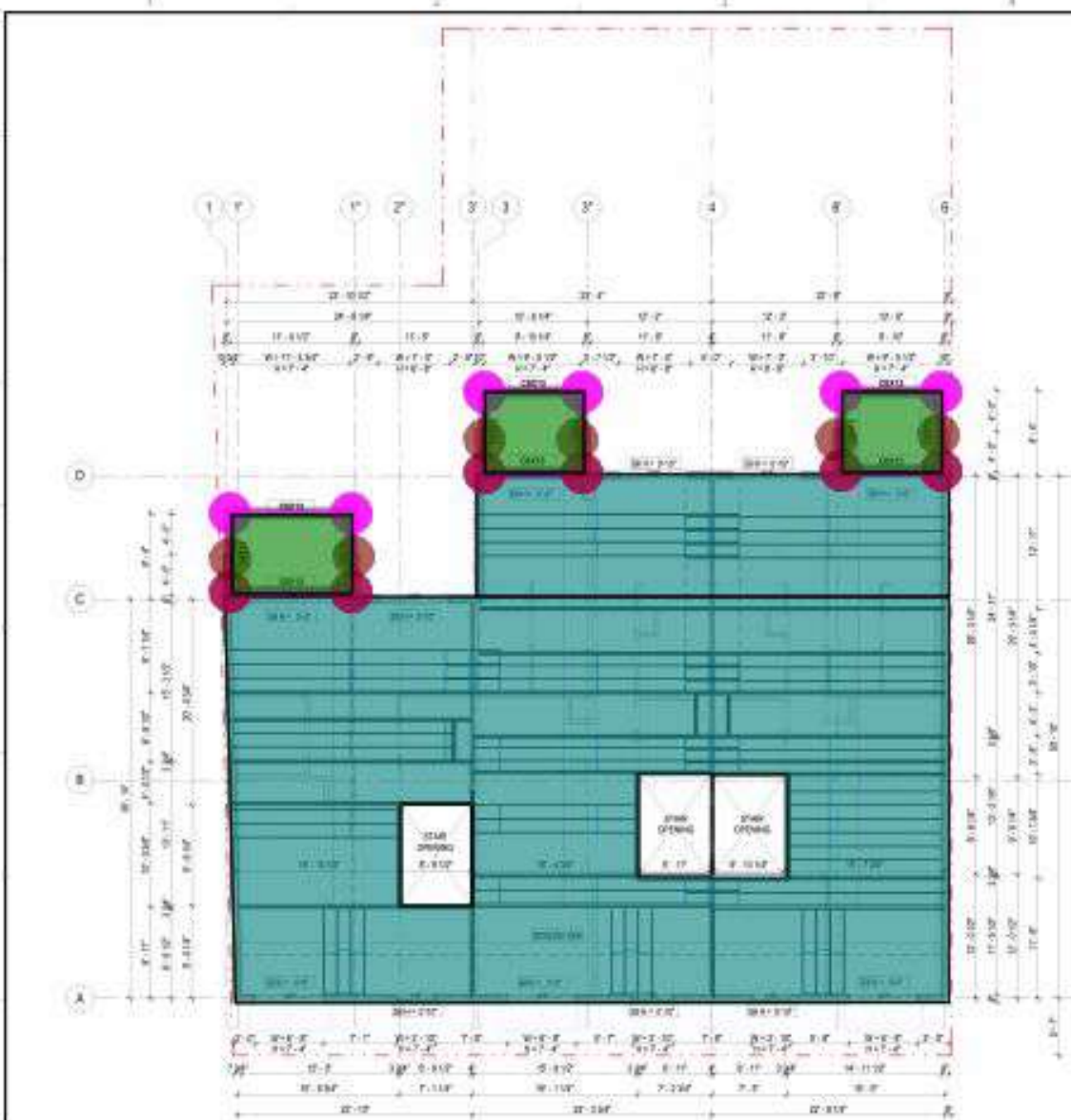
NO.	DATE	DESCRIPTION
1	10/20/24	ISSUED FOR PERMIT

SCALE: As indicated

S-102 .00

DATE: 10/20/24

1 2ND FLOOR FRAMING PLAN
SCALE: 3/8" = 1'-0"



LEGEND SYMBOLS

KEY	SYMBOL	NOTE
A	1	NEW (4") CONCRETE SLAB (SEE DETAILS @ 5-000)
	2	METAL DECK BEARING WALL (SEE DETAILS @ 5-000)
	3	BEARING OPENING (SEE DETAILS @ 1000-01-00 IF NA, SEE BEARING & WALL SEE DETAILS @ 1000-00)
B	1	COLOURED STEEL FRAMING C-ROOF EXPOSED (SEE DETAILS @ 5-000)
	2	C-ROOF FLOORING (SEE DETAILS @ 5-000)
	3	C-ROOF BRACING (SEE DETAILS @ 5-000)
	4	CRDS BRACING - TOP AND BOTTOM (TOP OR IN) (SEE DETAILS @ 5-000)
	5	MULTI-PANEL C-ROOF DECK (SEE DETAILS @ 5-000)
	6	STEEL BEAM (SEE DETAILS @ 5-000)
C	1	VOLUME (SEE DETAILS @ 5-000)

DECK FRAMING PLAN IS THE LATEST OF THESE:

1. THIS DRAWING
 2. THE 4-000-00 LIGHT WEIGHT CONCRETE SLAB ON
 NON-COMPOSITE STEEL DECK (LWT) C-ROOF FLOORING
 & C-ROOF BRACING IS SHOWN ON THE DRAWING
 3. 1000-00-00 @ 17-00
 4. 1000-00-00 @ 17-00 (SEE DETAILS @ 5-000)

**COMPONENTS ARE FOR STEEL JOIST AND CONCRETE SLAB
 WALL BEARING WITH 1/4" MIN. REBAR FIELD @ 17" o.c.**

NOTES:

1. REFER TO THE REQUIREMENTS OF STRUCTURAL COMPONENTS AND MATERIAL SPECIFICATIONS FOR ALL MATERIALS.
2. CONCRETE AND LIGHT WEIGHT CONCRETE IN DECK IS ARCHITECTURAL GRADE AND FINE FINISH UNLESS OTHERWISE NOTED. SEE PARTITION WALLS AND WINDING UP BRACE.
3. ALL DIMENSIONAL LAYOUTS ARE TO BE CHECKED AGAINST THE DRAWING AND USED TO VERIFY DIMENSIONS PREPARED BY OTHERS IN PARTITION AND BRACING. (DATE: 05-20-11)
4. ELEVATIONS ON THE DRAWING ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1985 UNLESS OTHERWISE NOTED. VERIFY ALL FIELD CONDITIONS AND PLUMB DIMENSIONS AT THE SITE. REFER TO CONSTRUCTION OF 4-000-00 SECTION AND REFER TO 1000-00 FOR ANY DISCREPANCY.

**Architecture
Engineering
Consulting PC**

NODE

1000-00-00
 1000-00-00
 1000-00-00

PROJECT NO. 04-000-0000
 04-000-0000
 Queens, NY 11358

PROJECT NAME:
 NEW 2 OF 011 - COLLAR
 RECONSTRUCTION

DESIGNED BY: J. J. J. J.
 DRAWN BY: J. J. J. J.
 CHECKED BY: J. J. J. J.
 DATE: 05-20-11

PROJECT: 04-000-0000
 PROJECT NO.: 04-000-0000
 CHECKED BY: J. J. J. J.
 DATE: 05-20-11

SCALE: As Shown
 SHEET: 5-103 .00
 DATE: 05-20-11

1	C6x13	108.8 FT
2	(2") Concrete Slab	3,088.9 SQ FT
3	(3-1/2x3-1/2x5/15 - 5") Co...	18.0
4	(4") Concrete Slab	241.3 SQ FT
5	(3/4x4x10) Base Plate	12.0

1 3RD FLOOR FRAMING PLAN
 04-000-0000 3/15-17