

**Building Data Summary**

Project ID:	***** Family Home
Location:	***** *****
Scope of Work:	Lumber and hardware breakdown
Date:	10/11/2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
<b>DIVISION 05- METAL</b>						
<b>Foundation</b>						
<b>Connection</b>						
<b>Holdown</b>						
1		Holdown "HDU11"	EA	3	0%	3
2		Holdown "HDU8"	EA	10	0%	10
3		Holdown "HDU5"	EA	5	0%	5
<b>Clip</b>						
4		Clip "LTP4"	EA	97	0%	97
<b>Sheathing</b>						
5		(4'-0"x8'-0") 1/2" CDX Sheathing @ Shaer Wall - 585 SF	EA	18	0%	18
<b>First Floor Framing</b>						
<b>Connection</b>						
<b>Post Cap</b>						
6		"C3" Post Cap Simpson 'CCQ'	EA	2	0%	2
<b>Holdown</b>						
7		Holdown "HDU5"	EA	16	0%	16
8		Holdown "HDU8"	EA	11	0%	11
9		Holdown "HDU11"	EA	5	0%	5
<b>Strap</b>						
10		"CMSTC16" Simpson Strap	LF	34	5%	36
11		"MSATC66" Simpson Strap Tie	EA	4	0%	4
12		"MSTC" Simpson Tie	EA	7	0%	7
<b>Second Floor Framing</b>						
<b>Connection</b>						
<b>Handle</b>						
13		Frame Handle "HFX-24x1-1/8" (9'-0" H)	LF	13	5%	14
14		Frame Handle "HFX-18x1-1/8" (9'-0" H)	LF	10	5%	11
<b>Strap</b>						
15	S1-S4	"CMSTC12" Simpson Strap	LF	31	5%	33
16		"MST48" Simpson Strap	LF	47	5%	49
17		"MST60" Simpson Strap	LF	60	5%	63
18		"MST60" Simpson Strap	LF	12	5%	13
19		"MSTC" Simpson Tie	EA	42	0%	42
20		"MSTC66" Strap Tie	EA	3	0%	3
<b>Post Cap</b>						
21		"C4" Post Cap Simpson 'ECCQ'	EA	14	0%	14
<b>Holdown</b>						
22		Holdown "HDU8"	EA	4	0%	4
23		Holdown "HDU5"	EA	14	0%	14
24		Holdown "HDU11"	EA	2	0%	2
<b>Roof Framing</b>						
<b>Connection</b>						
<b>Strap</b>						
25		"MSTC" Strap Tie	EA	36	0%	36
26		"MSTC66" Strap Tie	EA	3	0%	3
27		"CST14" Simpson Strap	LF	30	5%	32
<b>Hanger</b>						
28		Hanger "HGUS412" Simpson	EA	42	0%	42
29		Hanger "H2.5A" Simpson	EA	116	0%	116
30		Hanger "LS50" Simpson	EA	57	0%	57
<b>ADU Roof Framing</b>						
<b>Connection</b>						

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		<b>Strap</b>				
31		"CST14" Simpson Strap	LF	8	5%	8
		<b>Hanger</b>				
32		Hanger "U210" Simpson	EA	74	0%	74
33		Hanger "U28" Simpson	EA	40	0%	40

**DIVISION 06- WOOD, PLASTIC & COMPOSITES**

<b>Building Wall Framing</b>						
<b>Lower Level</b>						
<b>(4" Thick) Furring Wall (131 LF) (9'-0" H)</b>						
34		(2"x4") Top & Bottom Wood Plate	LF	393	5%	413
35		(9'-0" High) (2"x4") Wooden Stud @ 16" O.C (895 LF)	EA	99	0%	99
<b>(6" Thick) Furring Wall (15 LF) (9'-0" H)</b>						
36		(2"x6") Top & Bottom Wood Plate	LF	45	5%	47
37		(9'-0" High) (2"x6") Wooden Stud @ 16" O.C (111 LF)	EA	12	0%	12
<b>(4" Thick) Interior Wall (32 LF) (9'-0" H)</b>						
38		(2"x4") Top & Bottom Wood Plate	LF	96	5%	101
39		(9'-0" High) (2"x4") Wooden Stud @ 16" O.C (226 LF)	EA	25	0%	25
<b>(6" Thick) Partition &amp; Exterior Wall (185 LF) (9'-0" H)</b>						
40		(2"x6") Top & Bottom Wood Plate	LF	555	5%	583
41		(9'-0" High) (2"x6") Wooden Stud @ 16" O.C (1261 LF)	EA	140	0%	140
42		<b>(8" Thick) (3"x8") PTDF Mudsill Plate Concrete Touching</b>	LF	140	0%	140
<b>Main Level</b>						
<b>(6" Thick) Exterior Wall (48 LF) (9'-0" H)</b>						
43		(2"x6") Top & Bottom Wood Plate	LF	144	5%	151
44		(9'-0" High) (2"x6") Wooden Stud @ 16" O.C (334 LF)	EA	37	0%	37
<b>(6" Thick) Exterior Wall (51 LF) (1'-6" H)</b>						
45		(2"x6") Top & Bottom Wood Plate	LF	153	5%	161
46		(1'-6" High) (2"x6") Wooden Stud @ 16" O.C (59 LF)	EA	39	0%	39
<b>(6" Thick) Exterior Wall (170 LF) (10'-0" H)</b>						
47		(2"x6") Top & Bottom Wood Plate	LF	510	5%	536
48		(10'-0" High) (2"x6") Wooden Stud @ 16" O.C (1288 LF)	EA	129	0%	129
<b>(4" Thick) Interior Wall (34 LF) (10'-0" H)</b>						
49		(2"x4") Top & Bottom Wood Plate	LF	102	5%	107
50		(9'-0" High) (2"x4") Wooden Stud @ 16" O.C (266 LF)	EA	27	0%	27
<b>(6" Thick) Interior Wall (161 LF) (10'-0" H)</b>						
51		(2"x6") Top & Bottom Wood Plate	LF	483	5%	507
52		(10'-0" High) (2"x6") Wooden Stud @ 16" O.C (1221 LF)	EA	122	0%	122
<b>Upper Level</b>						
<b>(6" Thick) Exterior Wall (225 LF) (9'-0" H)</b>						
53		(2"x6") Top & Bottom Wood Plate	LF	675	5%	709
54		(9'-0" High) (2"x6") Wooden Stud @ 16" O.C (1532 LF)	EA	170	0%	170
<b>(6" Thick) Interior Wall (211 LF) (9'-0" H)</b>						
55		(2"x6") Top & Bottom Wood Plate	LF	633	5%	665
56		(9'-0" High) (2"x6") Wooden Stud @ 16" O.C (1437 LF)	EA	160	0%	160
<b>(4" Thick) Interior Wall (39 LF) (9'-0" H)</b>						
57		(2"x4") Top & Bottom Wood Plate	LF	117	5%	123
58		(9'-0" High) (2"x4") Wooden Stud @ 16" O.C (273 LF)	EA	30	0%	30
<b>ADU Wall Framing</b>						
<b>(6" Thick) Exterior Wall (143 LF) (9'-0" H)</b>						
59		(2"x6") Top & Bottom Wood Plate	LF	429	5%	450
60		(9'-0" High) (2"x6") Wooden Stud @ 16" O.C (977 LF)	EA	109	0%	109
<b>(6" Thick) Interior Wall (73 LF) (9'-0" H)</b>						

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Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
61		(2"x6") Top & Bottom Wood Plate	LF	219	5%	230
62		(9'-0" High) (2"x6") Wooden Stud @ 16" O.C (503 LF)	EA	56	0%	56
		<b>(4" Thick) Interior Wall (13 LF) (9'-0" H)</b>				
63		(2"x4") Top & Bottom Wood Plate	LF	39	5%	41
64		(9'-0" High) (2"x4") Wooden Stud @ 16" O.C (97 LF)	EA	11	0%	11
		<b>Foundation</b>				
		<b>Post</b>				
65		(9'-0" High) (4"x4") "P1" Wood Post (99 LF)	EA	11	0%	11
66		(9'-0" High) (4"x6") "P2" Wood Post (18 LF)	EA	2	0%	2
67		(9'-0" High) (6"x6") "P4" Wood Post (27 LF)	EA	3	0%	3
68		(9'-0" High) (6"x8") "P5" Wood Post (9 LF)	EA	1	0%	1
		<b>Sheathing</b>				
69		(4'-0"x8'-0") 1/2" CDX Sheathing @ Shaer Wall - 585 SF	EA	18	0%	18
		<b>First Floor Framing</b>				
		<b>Wood Post</b>				
70		(9'-0" High) (4"x4") "P1" Wood Post (225 LF)	EA	25	0%	25
71		(9'-0" High) (4"x6") "P2" Wood Post (63 LF)	EA	7	0%	7
72		(9'-0" High) (4"x8") "P3" Wood Post (18 LF)	EA	2	0%	2
73		(9'-0" High) (6"x6") "P4" Wood Post (135 LF)	EA	15	0%	15
74		(9'-0" High) (6"x8") "P5" Wood Post (63 LF)	EA	7	0%	7
		<b>Beam/ Header</b>				
75		(14'-0" Long) (7"x14") PSL Beam/ Header (14 LF)	EA	1	0%	1
76		(10'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (20 LF)	EA	2	0%	2
77		(12'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (36 LF)	EA	3	0%	3
78		(12'-0" Long) (7"x11-7/8") PSL Beam/ Header (12 LF)	EA	1	0%	1
79		(14'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (28 LF)	EA	2	0%	2
80		(17'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (17 LF)	EA	1	0%	1
81		(19'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (19 LF)	EA	1	0%	1
82		(6'-0" Long) (3-1/2"x11-7/8") PSL Beam/ Header/ Header (6 LF)	EA	1	0%	1
83		(6'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (6 LF)	EA	1	0%	1
84		(6'-0" Long) (5-1/4"x9-1/2") PSL Beam/ Header (24 LF)	EA	4	0%	4
		<b>Joist</b>				
85		<b>"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (1248 SF)</b>	LF	<b>947</b>	5%	994
86		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (13'-0" Lon)	EA	4	0%	4
87		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (19'-0" Lon)	EA	14	0%	14
88		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (26'-0" Lon)	EA	11	0%	11
89		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (27'-0" Lon)	EA	2	0%	2
90		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (29'-0" Lon)	EA	1	0%	1
91		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (31'-0" Lon)	EA	3	0%	3
92		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (45'-0" Lon)	EA	3	0%	3
93		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (8'-0" Lon)	EA	4	0%	4
94		<b>"J3" 1-3/4" x 11-7/8" @ 16" O.C Floor Joist (338 SF)</b>	LF	<b>258</b>	5%	271
95		"J3" 1-3/4" x 11-7/8" @ 16" O.C Floor Joist (13'-0" Lon)	EA	14	0%	14
96		"J3" 1-3/4" x 11-7/8" @ 16" O.C Floor Joist (19'-0" Lon)	EA	4	0%	4
97		<b>"J6" Ripped (2"x12") @ 16" O.C Deck Joist (135 SF)</b>	LF	<b>104</b>	5%	109
98		"J6" Ripped (2"x12") @ 16" O.C Deck Joist (13'-0" Lon)	EA	8	0%	8
		<b>Blocking</b>				
99		(10'-0" Long) "CL2" 3-1/2" Blocking (34 LF)	EA	3	0%	3
		<b>Sheathing</b>				
100		(4'-0"x8'-0") 1/2" CDX Sheathing @ Shaer Wall - 1764 SF	EA	55	0%	55
101		(4'-0"x8'-0") (48/24" Thick) Plywood Sheathing - 1721 SF	EA	54	0%	54
		<b>Second Floor Framing</b>				
		<b>Post</b>				

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102		(10'-0" High) (4"x4") "P1" Wood Post (240 LF)	EA	24	0%	24
103		(10'-0" High) (6"x6") "P4" Wood Post (110 LF)	EA	11	0%	11
104		(6"x6") "P4-P" Pressure Treated Wood Post (5 EA)	LF	50	0%	50
105		(10'-0" High) (6"x8") "P5" Wood Post (40 LF)	EA	4	0%	4
106		(4'-0" High) (6"x8") "P5" Wood King Post (10 LF)	EA	1	0%	1
107		(10'-0" High) (1-3/4"x7-1/4") LSL Studs @ 16" O.C (120 LF)	EA	12	0%	12
		<b>Beam</b>				
108		(2'-0" Long) (3-1/2"x11-7/8") PSL Beam/ Header (2 LF)	EA	1	0%	1
109		(5'-0" Long) (3-1/2"x11-7/8") PSL Beam/ Header (10 LF)	EA	2	0%	2
110		(10'-0" Long) (3-1/2"x11-7/8") PSL Beam/ Header (20 LF)	EA	2	0%	2
111		(14'-0" Long) (3-1/2"x11-7/8") PSL Beam/ Header (28 LF)	EA	2	0%	2
112		(15'-0" Long) (3-1/2"x11-7/8") PSL Beam/ Header (15 LF)	EA	1	0%	1
113		(17'-0" Long) (3-1/2"x11-7/8") PSL Beam/ Header (17 LF)	EA	1	0%	1
114		(6'-0" Long) (3-1/2"x11-7/8") PSL Beam/ Header (24 LF)	EA	4	0%	4
115		(4'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (4 LF)	EA	1	0%	1
116		(5'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (5 LF)	EA	1	0%	1
117		(6'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (6 LF)	EA	1	0%	1
118		(10'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (10 LF)	EA	1	0%	1
119		(11'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (33 LF)	EA	3	0%	3
120		(15'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (15 LF)	EA	1	0%	1
121		(17'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (17 LF)	EA	1	0%	1
122		(18'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (18 LF)	EA	1	0%	1
123		(19'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (76 LF)	EA	4	0%	4
124		(10'-0" Long) (7"x11-7/8") PSL Beam/ Header (10 LF)	EA	1	0%	1
125	S1-S4	(11'-0" Long) (7"x11-7/8") PSL Beam/ Header (11 LF)	EA	1	0%	1
126		(18'-0" Long) (7"x11-7/8") PSL Beam/ Header (18 LF)	EA	1	0%	1
127		(14'-0" Long) (7"x11-7/8") PSL Beam/ Header (14 LF)	EA	1	0%	1
128		(15'-0" Long) (7"x11-7/8") PSL Beam/ Header (15 LF)	EA	1	0%	1
129		(7'-0" Long) (5-1/4"x14") PSL Beam/ Header (7 LF)	EA	1	0%	1
130		(33'-0" Long) (5-1/4"x14") PSL Beam/ Header (33 LF)	EA	1	0%	1
131		(18'-0" Long) (5-1/4"x14") PSL Beam/ Header (36 LF)	EA	2	0%	2
132		(7'-0" Long) (5-1/4"x14") PSL Beam/ Header (28 LF)	EA	4	0%	4
133		(4'-0" Long) (5-1/4"x14") PSL Beam/ Header (32 LF)	EA	8	0%	8
134		(5'-0" Long) (5-1/4"x14") PSL Beam/ Header (15 LF)	EA	3	0%	3
135		(6'-0" Long) (5-1/4"x14") PSL Beam/ Header (6 LF)	EA	1	0%	1
136		(17'-0" Long) (2"x12") "J5" Douglas Fir #1 Beam/ Header (17 LF)	EA	1	0%	1
137		(16'-0" Long) (2"x12") "J5" Douglas Fir #1 Beam/ Header (16 LF)	EA	1	0%	1
138		(10'-0" Long) (2"x12") "J5" Douglas Fir #1 Beam/ Header (10 LF)	EA	1	0%	1
139		(8'-0" Long) (6"x10") PSL Beam/ Header (8 LF)	EA	1	0%	1
		<b>Blocking</b>				
140		(10'-0" Long) "CL2" 3-1/2" Blocking (31 LF)	EA	3	0%	3
		<b>Shear Sheathing</b>				
141		(4'-0"x8'-0") (48/24" Thick) Plywood Sheathing - 2887 SF	EA	90	0%	90
142		(4'-0"x8'-0") 1/2" CDX Sheathing @ Shaer Wall - 1197 SF	EA	37	0%	37
		<b>Joist</b>				
143		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (1939 SF)	LF	1562	5%	1640
144		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (6'-0" Lon)	EA	14	0%	14
145		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (11'-0" Lon)	EA	5	0%	5
146		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (14'-0" Lon)	EA	14	0%	14
147		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (16'-0" Lon)	EA	11	0%	11
148		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (18'-0" Lon)	EA	28	0%	28
149		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (23'-0" Lon)	EA	9	0%	9
150		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (33'-0" Lon)	EA	5	0%	5
151		"J2" 11-7/8" TJI 360 @ 16" O.C Floor Joist (35'-0" Lon)	EA	5	0%	5

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152		<b>(2"x8") Roof Joist @ 24" O.C (155 SF)</b>	LF	<b>80</b>	5%	84
153		2"x8" Roof Joist @ 24" O.C (10'-0" Lon)	EA	8	0%	8
154		<b>(2"x12") Deck Joist @ 16" O.C (83 SF)</b>	LF	<b>62</b>	5%	65
155		2"x12" Deck Joist @ 16" O.C (2'-0" Lon)	EA	1	0%	1
156		2"x12" Deck Joist @ 16" O.C (5'-0" Lon)	EA	5	0%	5
157		2"x12" Deck Joist @ 16" O.C (7'-0" Lon)	EA	5	0%	5
		<b>Rafter</b>				
158		<b>"J7" (2"x10") Roof Rafter @ 24" O.C (645 SF)</b>	LF	<b>379</b>	5%	398
159		"J7" (2"x10") Roof Rafter @ 24" O.C (11'-0" Lon)	EA	4	0%	4
160		"J7" (2"x10") Roof Rafter @ 24" O.C (13'-0" Lon)	EA	7	0%	7
161		"J7" (2"x10") Roof Rafter @ 24" O.C (1'-0" Lon)	EA	5	0%	5
162		"J7" (2"x10") Roof Rafter @ 24" O.C (2'-0" Lon)	EA	4	0%	4
163		"J7" (2"x10") Roof Rafter @ 24" O.C (3'-0" Lon)	EA	4	0%	4
164		"J7" (2"x10") Roof Rafter @ 24" O.C (4'-0" Lon)	EA	4	0%	4
165		"J7" (2"x10") Roof Rafter @ 24" O.C (5'-0" Lon)	EA	2	0%	2
166		"J7" (2"x10") Roof Rafter @ 24" O.C (6'-0" Lon)	EA	3	0%	3
167		"J7" (2"x10") Roof Rafter @ 24" O.C (7'-0" Lon)	EA	5	0%	5
168		"J7" (2"x10") Roof Rafter @ 24" O.C (8'-0" Lon)	EA	13	0%	13
169		"J7" (2"x10") Roof Rafter @ 24" O.C (9'-0" Lon)	EA	4	0%	4
		<b>Roof Framing</b>				
		<b>Post</b>				
170		(9'-0" High) (4"x6") "P2" Wood Post (117 LF)	EA	13	0%	13
171		(9'-0" High) (6"x6") "P4" Wood Post (54 LF)	EA	6	0%	6
		<b>Beam</b>				
172		(6'-0" Long) (2"x10") PSL Beam/ Header (24 LF)	EA	4	0%	4
173		(11'-0" Long) (2"x10") PSL Beam/ Header (22 LF)	EA	2	0%	2
174		(14'-0" Long) (2"x10") PSL Beam/ Header (14 LF)	EA	1	0%	1
175		(4'-0" Long) (2"x10") PSL Beam/ Header (4 LF)	EA	1	0%	1
176		(50'-0" Long) (2"x10") PSL Beam/ Header (50 LF)	EA	1	0%	1
177		(17'-0" Long) (2"x10") PSL Beam/ Header (34LF)	EA	2	0%	2
178		(5'-0" Long) (2"x12") Douglas Fir #1 Beam/ Header (5 LF)	EA	1	0%	1
179		(8'-0" Long) (2"x12") Douglas Fir #1 Beam/ Header (16LF)	EA	2	0%	2
180		(9'-0" Long) (2"x12") Douglas Fir #1 Beam/ Header (9 LF)	EA	1	0%	1
181		(12'-0" Long) (2"x12") Douglas Fir #1 Beam/ Header (36 LF)	EA	3	0%	3
182		(17'-0" Long) (2"x12") Douglas Fir #1 Beam/ Header (51 LF)	EA	3	0%	3
183		(14'-0" Long) (2"x12") Douglas Fir #1 Beam/ Header (14 LF)	EA	1	0%	1
184		(6'-0" Long) (2"x12") Douglas Fir #1 Beam/ Header (6 LF)	EA	1	0%	1
185		(11'-0" Long) (2"x12") Douglas Fir #1 Beam/ Header (44LF)	EA	4	0%	4
		<b>Joist</b>				
186		<b>"J8" 9-1/2" TJI 110 @ 24" O.C Roof Joist (768 SF)</b>	LF	<b>181</b>	5%	190
187		"J8" 9-1/2" TJI 110 @ 24" O.C Roof Joist (17'-0" Lon)	EA	21	0%	21
188		"J8" 9-1/2" TJI 110 @ 24" O.C Roof Joist (11'-0" Lon)	EA	5	0%	5
		<b>Rafter</b>				
189		<b>"J7" (2"x10") Roof Rafter @ 24" O.C (1793 SF)</b>	LF	<b>968</b>	5%	1016
190		"J7" (2"x10") Roof Rafter @ 24" O.C (14'-0" Lon)	EA	14	0%	14
191		"J7" (2"x10") Roof Rafter @ 24" O.C (22'-0" Lon)	EA	11	0%	11
192		"J7" (2"x10") Roof Rafter @ 24" O.C (12'-0" Lon)	EA	4	0%	4
193		"J7" (2"x10") Roof Rafter @ 24" O.C (48'-0" Lon)	EA	12	0%	12
194		"J7" (2"x10") Roof Rafter @ 24" O.C (70'-0" Lon)	EA	14	0%	14
195		"J7" (2"x10") Roof Rafter @ 24" O.C (84'-0" Lon)	EA	14	0%	14
196		"J7" (2"x10") Roof Rafter @ 24" O.C (21'-0" Lon)	EA	3	0%	3
197		"J7" (2"x10") Roof Rafter @ 24" O.C (128'-0" Lon)	EA	16	0%	16
198		"J7" (2"x10") Roof Rafter @ 24" O.C (27'-0" Lon)	EA	3	0%	3
199		"J7" (2"x10") Roof Rafter @ 24" O.C (50'-0" Lon)	EA	5	0%	5

**Building Data Summary**

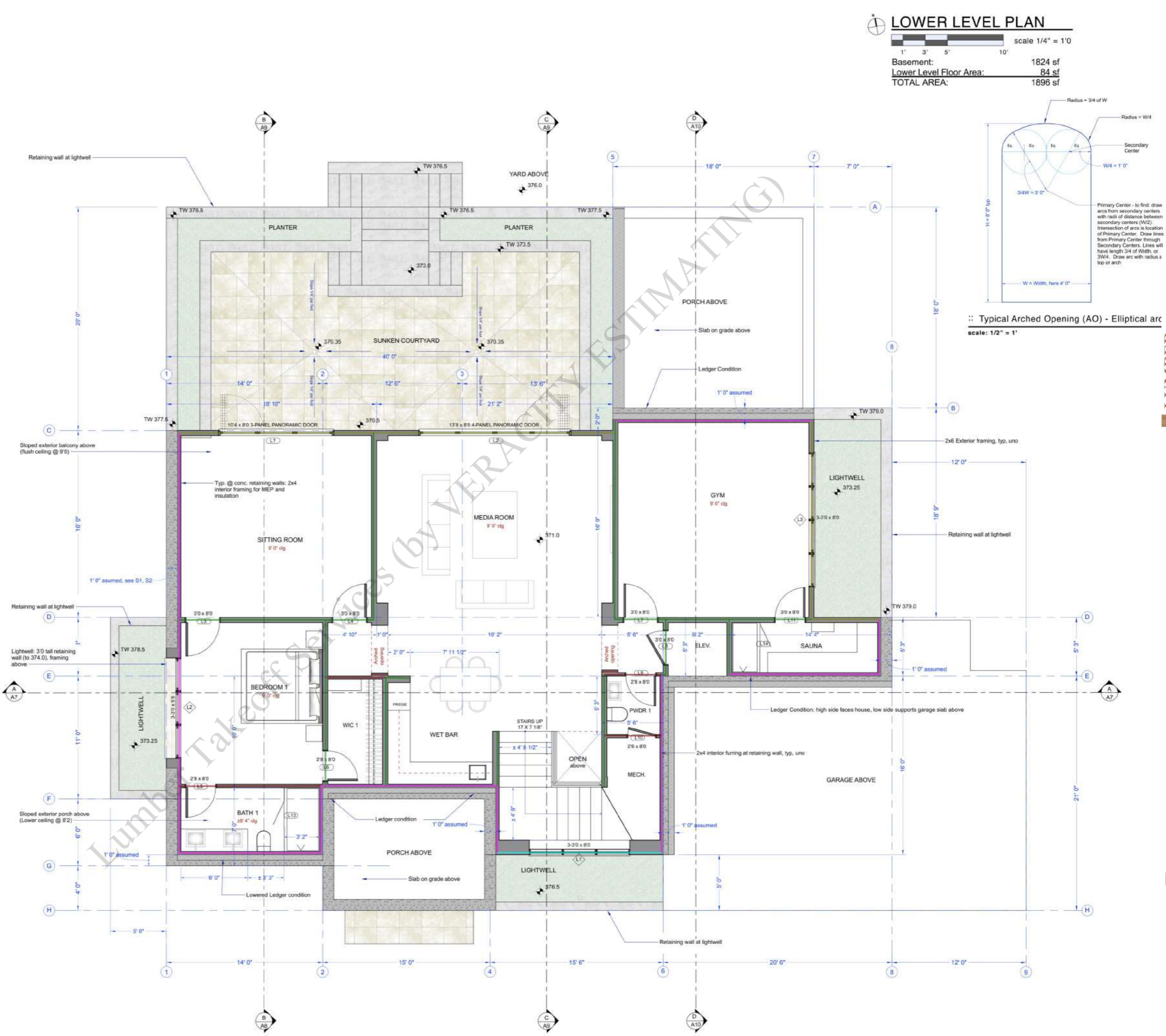
<b>Project ID:</b>	***** Family Home
<b>Location:</b>	***** *****
<b>Scope of Work:</b>	Lumber and hardware breakdown
<b>Date:</b>	10/11/2024



Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity with Wastage
200		"J7" (2"x10") Roof Rafter @ 24" O.C (396'-0" Lon)	EA	36	0%	36
201		"J7" (2"x10") Roof Rafter @ 24" O.C (96'-0" Lon)	EA	8	0%	8
		<b>Blocking</b>				
202		(10'-0" Long) "CL3" 2X Shaped Blocking (30 LF)	EA	3	0%	3
		<b>Sheathing</b>				
203		(4'-0"x8'-0") 1/2" CDX Sheathing @ Shaer Wall - 1386 SF	EA	43	0%	43
204		(4'-0"x8'-0") (32/16" Thick) Plywood Sheathing - 2561 SF	EA	80	0%	80
		<b>ADU Roof Framing</b>				
		<b>Post</b>				
205		(9'-0" High) (4"x6") "P2" Wood Post (18 LF)	EA	2	0%	2
206		(9'-0" High) (4"x4") Redwood Post (18 LF)	EA	2	0%	2
		<b>Joist</b>				
207		<b>(2"x8") Redwood No.1 @ 10" O.C (330 SF)</b>	LF	<b>406</b>	5%	426
208		(2"x8") Redwood No.1 @ 10" O.C (35'-0" Lon)	EA	6	0%	6
209		(2"x8") Redwood No.1 @ 10" O.C (14'-0" Lon)	EA	14	0%	14
		<b>Beam/ Header</b>				
210		(15'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (15 LF)	EA	1	0%	1
211		(60'-0" Long) (5-1/4"x9-1/2") PSL Beam/ Header (60 LF)	EA	1	0%	1
212		(3'-0" Long) (5-1/4"x9-1/2") PSL Beam/ Header (40 LF)	EA	8	0%	8
213		(7'-0" Long) (5-1/4"x9-1/2") PSL Beam/ Header (15 LF)	EA	8	0%	8
214		(5'-0" Long) (5-1/4"x9-1/2") PSL Beam/ Header (5 LF)	EA	2	0%	2
215		(6'-0" Long) (5-1/4"x9-1/2") PSL Beam/ Header (6LF)	EA	1	0%	1
216		(58'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (58 LF)	EA	1	0%	1
217		(16'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (48 LF)	EA	3	0%	3
218		(4'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (64 LF)	EA	16	0%	16
219		(10'-0" Long) (5-1/4"x11-7/8") PSL Beam/ Header (30 LF)	EA	3	0%	3
220		(6'-0" Long) (4"x10") PSL Beam/ Header (6 LF)	EA	1	0%	1
221		(35'-0" Long) (3"x10") Redwood #1 Beam/ Header (35 LF)	EA	1	0%	1
222		(11'-0" Long) (3"x10") Redwood #1 Beam/ Header (11 LF)	EA	1	0%	1
223		(12'-0" Long) (3"x10") Redwood #1 Beam/ Header (24 LF)	EA	2	0%	2
224		(21'-0" Long) (5-1/4"x14") PSL Beam/ Header (21 LF)	EA	1	0%	1
		<b>Blocking</b>				
225		(10'-0" Long) "CL3" 2X Shaped Blocking (8 LF)	EA	1	0%	1
		<b>Rafter</b>				
226		<b>"J7" (2"x10") Roof Rafter @ 24" O.C (976 SF)</b>	LF	<b>488</b>	5%	512
227		"J7" (2"x10") Roof Rafter @ 24" O.C (15'-0" Lon)	EA	20	0%	20
228		"J7" (2"x10") Roof Rafter @ 24" O.C (19'-0" Lon)	EA	7	0%	7
229		"J7" (2"x10") Roof Rafter @ 24" O.C (5'-0" Lon)	EA	9	0%	9
230		"J7" (2"x10") Roof Rafter @ 24" O.C (4'-0" Lon)	EA	2	0%	2
		<b>Sheathing</b>				
231		(4'-0"x8'-0") (32/16" Thick) Plywood Sheathing - 976 SF	EA	31	0%	31

Door ID	Room	Operation	Nominal Size (panel)	Wall Width	Header Height	Glazing Area/Direction	Glazing Type	Grids/Muntin Bars	Comments
L-1	Lower M + Main W + Upper	Door swings per user	Height x Width	1 1/2" (2x4) UNO	Depends on HO	In square feet	Dist. glazing, see E, UNO	Per Panel, T.D. or S.T.R.	
L1	Sitting	Exterior Folding	10'4" x 8'0"	8'1"	North, 63	Tempered	2x3	3 - 3'4" x 8'0" panel Panoramic™ weatherstripped exterior door. Must fit below header.	
L2	Media	Exterior Folding	13'8" x 8'0"	8'1"	North, 84	Tempered	2x3	4 - 3'4" x 8'0" panel Panoramic™ weatherstripped exterior door. Must fit below steel-beam header.	
L3	Bed 1	Right Inswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
L4	Sitting	Right Inswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
L5	Bath 1	Right Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
L6	W/C 1	Right Inswing	2'8" x 8'0"	8'2"				Panel design per owner and builder.	
L7	Gym	Left Inswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
L8	Elevator	Right Outswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
L9	Powdr Bath 1	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
L10	Mech.	Left Outswing	2'8" x 8'0"	3'10"	8'2"			Weatherstripped, self-closing, 20 minute fire door.	
L11	Sauna	Left Outswing	3'0" x 8'0"	8'2"				Insulated sauna door, no locking mechanism allowed.	
L12	Sauna	Double Action	Min. 2'4" wide	1'0"		Tempered		Shower glass per owner and builder.	
L13	Bath 1	Double Action	Min. 2'4" wide	1'0"		Tempered		Shower glass per owner and builder.	
M1	Entry	Pivot	5'0" x 8'0"	8'2"				Solid wood. Custom 5'0" x 8'0" pivot door w/ 2'6" x 8'0" sidelights, each 108".	
M2	Dining	Exterior Sliding	6'0" x 8'0"	8'2"	South, 38 (covered)	Tempered	2x3	2-panel weatherstripped Exterior sliding door.	
M3	Office	Exterior Folding	8'4" x 8'0"	8'2"	North, 57 (covered)	Tempered	2x3	3 - 3'0" x 8'0" panel Panoramic™ weatherstripped exterior door.	
M4	Family	Exterior Folding	12'8" x 8'0"	8'2"	North, 84 (covered)	Tempered	2x3	4 - 3'4" x 8'0" panel Panoramic™ weatherstripped exterior door.	
M5	Garden Tools	Right outswing	3'0" x 8'0"	8'2"	N/A, not conditioned	Tempered	2x3	Weatherstripped exterior door. Panel design per elevations.	
M6	Garage	Left Inswing	3'0" x 8'0"	8'2"	N/A, not conditioned	Tempered	2x3	Weatherstripped exterior door. Panel design per elevations.	
M7	Garage	4-section lift	8'0" x 8'0"	8'2"	N/A, not conditioned	Tempered	See elevations	Garage Door; panel design per elevations.	
M8	Garage	4-section lift	18'0" x 8'0"	8'2"	N/A, not conditioned	Tempered	See elevations	Garage Door; panel design per elevations.	
M9	Storage	Right outswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
M10	Garage	Left Inswing	3'0" x 8'0"	8'2"				Weatherstripped, self-closing, 20 minute fire door.	
M11	Elevator	Right Outswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
M12	Storage Bath 2	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
M13	Closet	Right Outswing	2'8" x 8'0"	8'2"				Panel design per owner and builder.	
M14	Powdr Bath 2	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
M15	Office	Left Inswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
M16	Secondary kitchen	Double action	3'6" x 8'0"	8'2"				Two panels, swing both directions. Each panel = ± 18" x 8'0".	
M17	Kitchen	Double action	3'6" x 8'0"	8'2"				Two panels, swing both directions. Each panel = ± 18" x 8'0".	
U1	Bed 3	Exterior Sliding	6'0" x 8'0"	8'2"	North, 38	Tempered	2x3	2-panel weatherstripped Exterior sliding door.	
U2	Primary Bed	Exterior Folding	8'4" x 8'0"	8'2"	North, 87	Tempered	2x3	3 - 3'0" x 8'0" panel Panoramic™ weatherstripped exterior door.	
U3	Laundry	Left Inswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
U4	Bed 3	Right Inswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
U5	Bath 3	Sliding bath-style door	2'8" x 8'0"	8'2"				Panel and hardware design per owner and builder.	
U6	W/C 3	Right Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
U7	Bath 2	Sliding bath-style door	2'8" x 8'0"	8'2"				Panel and hardware design per owner and builder.	
U8	W/C 2	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
U9	Bed 2	Left Inswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
U10	Bed 2	Pull-down	30" min width	In ceiling				Attic mechanical pull-down ladder.	
U11	Primary Bed	Left Inswing	3'0" x 8'0"	8'2"				Custom hidden bookcase door.	
U12	Primary Bed	Left Inswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
U13	Elevator	Right Outswing	3'0" x 8'0"	8'2"				Panel design per owner and builder.	
U14	Secondary Bath	Right Inswing	2'8" x 8'0"	8'2"				Panel design per owner and builder.	
U15	Toilet	Right Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
U16	Primary Bath	Double Action	Min. 2'4" wide	1'0"		Tempered		Shower glass per owner and builder.	

Window ID	Room	Operation	Nominal Size	Wall Width	Header Height	Glazing Area/Direction	Glazing Type	Grids/Muntin Bars	Comments
L-1	Lower M + Main W + Upper	Height x Width	± 1/2" (2x4) UNO	Event height above on W/C	In square feet	Dist. glazing, see E, UNO	Per unit, T.D. or S.T.R.		L = left opening, W = head R = right opening.
L1	Starwell	L/R Cant	3-30 x 8'0"	14'9"	South, 54	Tempered	2x3	L/R Muller Casements - wall is thickened per plan. Must have 3'0" x 8'0" units per mtr.	
L2	Bed 1	L/R Cant	3-30 x 5'6"	8'2"	West, 32	Tempered	2x2	L/R Muller Casements - wall is thickened per plan. Must have 3'0" x 5'6" windows together per mtr.	
L3	Gym	L/R Cant	3-30 x 8'0"	8'2"	East, 42.7	Tempered	2x2	L/R Muller Casements - wall is thickened per plan. Must have 3'0" x 8'0" units per mtr.	
M1	Entry	Fixed	2'6" x 8'0"	8'2"	South, 18 (covered)	Tempered	none	± 2'6" x 8'0" sidelight for custom pivot door, mullied to fixed door M1.	
M2	Entry	Fixed	2'6" x 8'0"	8'2"	South, 18 (covered)	Tempered	none	± 2'6" x 8'0" sidelight for custom pivot door, mullied to fixed door M1.	
M3	Dining	L/R Cant	2-30 x 5'6"	8'2"	West, 24	2x2	L/R Muller Casements, mul two 3'0" x 5'6" units per mtr.		
M4	Office	L/R Cant	2-30 x 5'6"	8'2"	West, 24	2x2	L/R Muller Casements, mul two 3'0" x 5'6" units per mtr.		
M5	Secondary kitchen	R Cant	3'0" x 4'6"	8'2"	North, 10	2x2	Sill set above tile backplash.		
M6	Kitchen	L/R Cant	2-30 x 4'6"	8'2"	North, 26	2x2	L/R Muller Casements, mul two 3'0" x 4'6" units per mtr. Sill set above tile backplash.		
M7	Family	R Cant	3'0" x 5'6"	8'2"	East, 12	2x2	Sill set above tile backplash.		
M8	Family	L Cant	3'0" x 5'6"	8'2"	East, 12	2x2	Sill set above tile backplash.		
M9	Garage	L/R Cant	2-30 x 5'6"	8'2"	East, 34	2x2	L/R Muller Casements, mul two 3'0" x 5'6" units per mtr.		
U1	Starwell	L/R Cant	3-30 x 8'0"	14'9"	South, 54	Tempered	2x3	L/R Muller Casements. Mul three 3'0" x 8'0" units per mtr.	
U2	Entry	L/R Cant	2-30 x 5'6"	8'2"	South, 24	2x2	L/R Muller Casements, mul two 3'0" x 5'6" units per mtr.		
U3	Laundry	L/R Cant	2-30 x 5'6"	8'2"	South, 24	2x2	L/R Muller Casements, mul two 3'0" x 5'6" units per mtr.		
U4	Laundry	L/R Cant	2-30 x 5'6"	8'2"	West, 24	2x2	L/R Muller Casements, mul two 3'0" x 5'6" units per mtr.		
U5	Laundry	R Cant	3'0" x 4'6"	8'2"	West, 10	2x2	Sill set above tile backplash.		
U6	Bed 3	L/R Cant	2-30 x 5'6"	8'2"	West, 24	2x2	L/R Muller Casements, mul two 3'0" x 5'6" units per mtr.		
U7	Bath 3	Awing	3'0" x 3'0"	8'2"	North, 6	Tempered	none	Shower window, min 5' above floor.	
U8	Bath 2	Awing	3'0" x 3'0"	8'2"	North, 0	Tempered	none	Shower window, min 5' above floor.	
U9	Bed 2	L/R Cant	3-30 x 4'6"	7'6"	North, 30	Tempered	2x2	L/R Muller Casements. Mul three 3'0" x 4'6" units per mtr.	
U10	Primary bath	R Cant	3'0" x 5'6"	8'2"	East, 12	2x2	Sill set above tile backplash.		
U11	Primary bath	L Cant	3'0" x 5'6"	8'2"	East, 12	2x2	Sill set above tile backplash.		
U12	Primary bath	Awing	3'0" x 3'0"	8'2"	North, 6	none	Shower window, min 5' above floor.		
U13	Primary bath	Awing	3'0" x 3'0"	8'2"	East, 6	none	Shower window, min 5' above floor.		
U14	Primary bath	Awing	4'6" x 4'0"	8'2"	North, 12	Tempered	none	Shower window, min 5' above floor.	
U15	Primary bath	Awing	4'6" x 4'0"	8'2"	East, 12	Tempered	none	Shower window, min 5' above floor.	
U16	Primary bath	Awing	3'0" x 3'0"	8'2"	South, 0	Tempered	none	Shower window, min 5' above floor.	
U17	Primary bath	Awing	3'0" x 3'0"	8'2"	South, 6	none	Shower window, min 5' above floor.		
U18	H/W W/C	Awing	3'0" x 3'0"	8'2"	South, 6	none	Shower window, min 5' above floor.		
U19	H/W W/C	Awing	3'0" x 3'0"	8'2"	South, 6	none	Shower window, min 5' above floor.		



REVISIONS  
 4-1-2024  
 4-16-2024  
 5-7-2024  
 5-20-2024  
 6-26-2024

LUMBER TAKEOFF SERVICES  
 by Veracity Estimating

Lower Level Plan

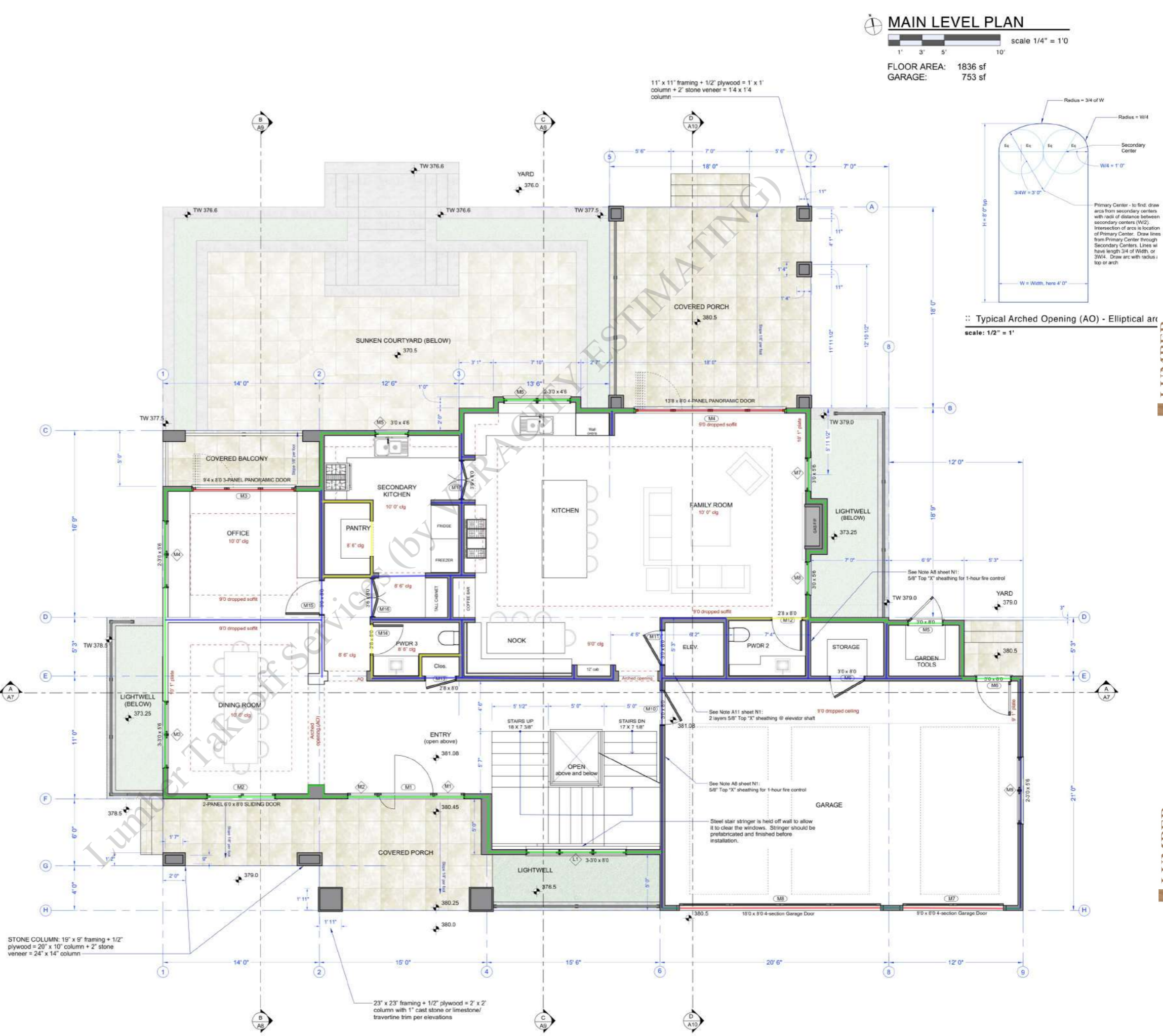
LUMBER TAKEOFF SERVICES  
 by Veracity Estimating

DRAWN: 3-8-2024  
 CHECKED:

A1

Door ID	Room	Operation	Nominal Size (panel)	Wall Width	Header Height	Glazing Area/Direction	Glazing Type	Grids/Muntin Bars	Comments
L1	Living	Door swings per elev	10'4" x 8'0"	8'1"	8'1"	North, 63	Tempered 2x3	3'-3/4" x 8'0" panel Panoramic™ weatherstripped exterior door. Must fit within header.	
L2	Media	Exterior Folding	12'8" x 8'0"	8'1"	8'1"	North, 84	Tempered 2x3	4'-3/4" x 8'0" panel Panoramic™ weatherstripped exterior door. Must fit within header.	
L3	Bed 1	Right Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L4	Living	Right Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L5	Bath 1	Right Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
L6	WIC 1	Right Inswing	2'8" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L7	Gym	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L8	Elevator	Right Outswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L9	Powdr Bath 1	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
L10	Mech.	Left Outswing	2'8" x 8'0"	3'10"	8'2"			Weatherstripped, self-closing, 20 minute fire door.	
L11	Sauna	Left Outswing	3'0" x 8'0"	8'2"	8'2"			Insulated sauna door, no locking mechanism allowed.	
L12	Sauna	Double Action	Min. 2'4" wide	1'0"			Tempered	Shower glass per owner and builder.	
L13	Bath 1	Double Action	Min. 2'4" wide	1'0"			Tempered	Shower glass per owner and builder.	
M1	Entry	Pivot	3'0" x 8'0"	8'2"	8'2"			Solid wood. Custom 3'0" x 8'0" pivot door w/ 2'6" x 8'0" sidelight, each side.	
M2	Dining	Exterior Slider	6'0" x 8'0"	8'2"	8'2"	South, 38 (covered)	Tempered 2x3	2-panel weatherstripped exterior sliding door.	
M3	Office	Exterior Folding	8'4" x 8'0"	8'2"	8'2"	North, 57 (covered)	Tempered 2x3	3'-3/4" x 8'0" panel Panoramic™ weatherstripped exterior door.	
M4	Family	Exterior Folding	12'8" x 8'0"	8'2"	8'2"	North, 84 (covered)	Tempered 2x3	4'-3/4" x 8'0" panel Panoramic™ weatherstripped exterior door.	
M5	Garden Tools	Right outswing	3'0" x 8'0"	8'2"	8'2"	N/A, not conditioned	Tempered 2x3	Weatherstripped exterior door. Panel design per elevations.	
M6	Garage	Left Inswing	3'0" x 8'0"	8'2"	8'2"	N/A, not conditioned	Tempered 2x3	Weatherstripped exterior door. Panel design per elevations.	
M7	Garage	4-section lift	8'0" x 8'0"	8'2"	8'2"	N/A, not conditioned	Tempered	Garage Door; panel design per elevations.	
M8	Garage	4-section lift	18'0" x 8'0"	8'2"	8'2"	N/A, not conditioned	Tempered	Garage Door; panel design per elevations.	
M9	Storage	Right outswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
M10	Garage	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Weatherstripped, self-closing, 20 minute fire door.	
M11	Elevator	Right Outswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
M12	Storage Bath 2	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
M13	Closet	Right Outswing	2'8" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
M14	Powdr Bath 3	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
M15	Office	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
M16	Secondary Kitchen	Double action	3'6" x 8'0"	8'2"	8'2"			Two panels, swing both directions. Each panel = 1'8" x 8'0".	
M17	Kitchen	Double action	3'6" x 8'0"	8'2"	8'2"			Two panels, swing both directions. Each panel = 1'8" x 8'0".	
U1	Bed 3	Exterior Slider	6'0" x 8'0"	8'2"	8'2"	North, 38	Tempered 2x3	2-panel weatherstripped exterior sliding door.	
U2	Primary Bed	Exterior Folding	8'4" x 8'0"	8'2"	8'2"	North, 87	Tempered 2x3	3'-3/4" x 8'0" panel Panoramic™ weatherstripped exterior door.	
U3	Laundry	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
U4	Bed 3	Right Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
U5	Bath 3	Sliding barn-style door	2'8" x 8'0"	8'2"	8'2"			Panel and hardware design per owner and builder.	
U6	WIC 3	Right Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
U7	Bath 2	Sliding barn-style door	2'8" x 8'0"	8'2"	8'2"			Panel and hardware design per owner and builder.	
U8	WIC 2	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
U9	Bed 2	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
U10	Bed 2	Pull-down	30" min width					Attic mechanical pull-down ladder.	
U11	Primary Bed	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Custom hidden bookcase door.	
U12	Primary Bed	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
U13	Elevator	Right Outswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
U14	Primary Bath	Right Inswing	2'8" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
U15	Toilet	Right Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
U16	Primary Bath	Double Action	Min. 2'4" wide	1'0"			Tempered	Shower glass per owner and builder.	

Window ID	Room	Operation	Nominal Size	Wall Width	Header Height	Glazing Area/Direction	Glazing Type	Grids/Muntin Bars	Comments
L1	Starwell	LRR Cant	3-30 x 8'0"	14'9"	14'9"	South, 54	Tempered 2x3		LRR Muller Casements - wall is thickened per plan. Mull three 30 x 8'0 units per mtr.
L2	Bed 1	LRR Cant	3-30 x 5'6"	8'2"	8'2"	West, 32	Tempered 2x2		LRR Muller Casements - wall is thickened per plan. Mull three 30 x 5'6 windows together per mtr.
L3	Gym	LRR Cant	3-30 x 8'0"	8'2"	8'2"	East, 42.7	Tempered 2x2		LRR Muller Egress Casement. Mull four 30 x 8'0 units per mtr.
M1	Entry	Fixed	2'6" x 8'0"	8'2"	8'2"	South, 18 (covered)	Tempered	none	2'6" x 8'0" sidelight for custom pivot door, mull to fixed door M1.
M2	Entry	Fixed	2'6" x 8'0"	8'2"	8'2"	South, 18 (covered)	Tempered	none	2'6" x 8'0" sidelight for custom pivot door, mull to fixed door M1.
M3	Dining	LRR Cant	2-30 x 5'6"	8'2"	8'2"	West, 24	2x2		LRR Muller Casements, mull two 30 x 5'6 units per mtr.
M4	Office	LRR Cant	2-30 x 5'6"	8'2"	8'2"	West, 24	2x2		LRR Muller Casements, mull two 30 x 5'6 units per mtr.
M5	Secondary Kitchen	R Cant	3'0" x 4'6"	8'2"	8'2"	North, 10	2x2		Sill set above tile backsplash.
M6	Kitchen	LRR Cant	2-30 x 4'6"	8'2"	8'2"	North, 26	2x2		LRR Muller Casements, mull two 30 x 4'6 units per mtr. Sill set above tile backsplash.
M7	Family	R Cant	3'0" x 5'6"	8'2"	8'2"	East, 12	2x2		Sill set above tile backsplash.
M8	Family	L Cant	3'0" x 5'6"	8'2"	8'2"	East, 12	2x2		Sill set above tile backsplash.
M9	Garage	LRR Cant	2-30 x 5'6"	8'2"	8'2"	East, 34	2x2		LRR Muller Casements, mull two 30 x 5'6 units per mtr.
U1	Starwell	LRR Cant	3-30 x 8'0"	14'9"	14'9"	South, 54	Tempered 2x3		LRR Muller Casements. Mull three 30 x 8'0 units per mtr.
U2	Entry	LRR Cant	2-30 x 5'6"	8'2"	8'2"	South, 24	2x2		LRR Muller Casements, mull two 30 x 5'6 units per mtr.
U3	Laundry	LRR Cant	2-30 x 5'6"	8'2"	8'2"	South, 24	2x2		LRR Muller Casements, mull two 30 x 5'6 units per mtr.
U4	Laundry	LRR Cant	2-30 x 5'6"	8'2"	8'2"	South, 24	2x2		LRR Muller Casements, mull two 30 x 5'6 units per mtr.
U5	Laundry	R Cant	3'0" x 4'6"	8'2"	8'2"	West, 10	2x2		Sill set above tile backsplash.
U6	Bed 3	LRR Cant	2-30 x 5'6"	8'2"	8'2"	West, 24	2x2		LRR Muller Casements, mull two 30 x 5'6 units per mtr.
U7	Bath 3	Awing	3'0" x 3'0"	8'2"	8'2"	North, 6	Tempered	none	Shower window, min 5' above floor.
U8	Bath 2	Awing	3'0" x 3'0"	8'2"	8'2"	North, 0	Tempered	none	Shower window, min 5' above floor.
U9	Bed 2	LRR Cant	3-30 x 4'6"	7'6"	7'6"	North, 30	2x2		LRR Muller Casements. Mull three 30 x 4'6 units per mtr.
U10	Primary Bed	R Cant	3'0" x 5'6"	8'2"	8'2"	East, 12	2x2		Sill set above tile backsplash.
U11	Primary Bed	L Cant	3'0" x 5'6"	8'2"	8'2"	East, 12	2x2		Sill set above tile backsplash.
U12	Primary Bath	Awing	3'0" x 3'0"	8'2"	8'2"	North, 6	none		Shower window, min 5' above floor.
U13	Primary Bath	Awing	3'0" x 3'0"	8'2"	8'2"	East, 6	none		Shower window, min 5' above floor.
U14	Primary Bath	Awing	4'6" x 4'0"	8'2"	8'2"	North, 12	Tempered	none	Shower window, min 5' above floor.
U15	Primary Bath	Awing	4'6" x 4'0"	8'2"	8'2"	East, 12	Tempered	none	Shower window, min 5' above floor.
U16	Primary Bath	Awing	3'0" x 3'0"	8'2"	8'2"	South, 0	Tempered	none	Shower window, min 5' above floor.
U17	Primary Bath	Awing	3'0" x 3'0"	8'2"	8'2"	South, 6	none		Shower window, min 5' above floor.
U18	His WIC	Awing	3'0" x 3'0"	8'2"	8'2"	South, 6	none		Shower window, min 5' above floor.
U19	Her WIC	Awing	3'0" x 3'0"	8'2"	8'2"	South, 6	none		Shower window, min 5' above floor.



REVISIONS  
 4-1-2024  
 4-16-2024  
 5-7-2024  
 5-20-2024  
 6-26-2024

LUMBER TAKEOFF SERVICES  
 by Veracity Estimating

Main Level Plan

LUMBER TAKEOFF SERVICES  
 by Veracity Estimating

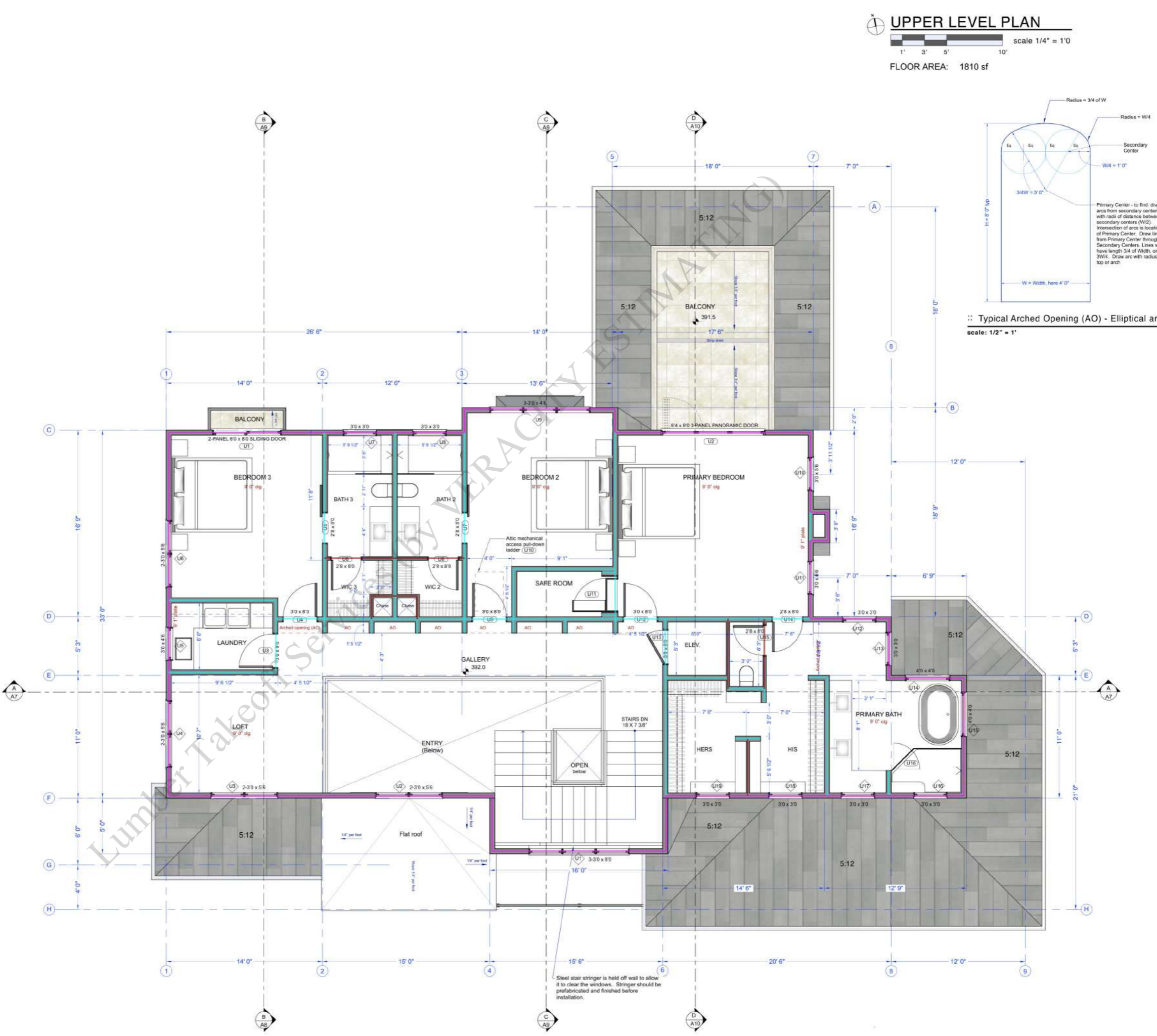
DRAWN: 3-8-2024  
 CHECKED

A2

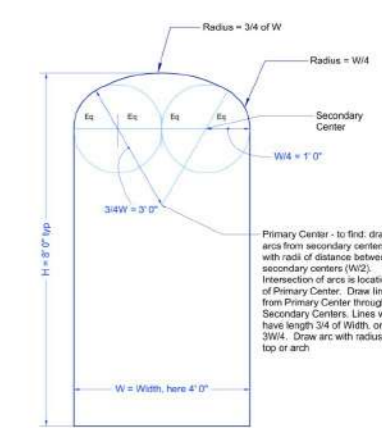


Door ID	Room	Operation	Nominal Size (panel)	Wall Width	Header Height	Glazing Area/Direction	Glazing Type	Grids/Muntin Bars	Comments
L1	Living	Door opens into the room	10'4" x 8'0"	8'1"	8'1"	North, 63	Tempered 2x3	3'-3/4" x 8'0" panel Pincosmo™ weatherstripped exterior door. Must fit within header.	
L2	Media	Exterior Folding	10'8" x 8'0"	8'1"	8'1"	North, 84	Tempered 2x3	4'-3/4" x 8'0" panel Pincosmo™ weatherstripped exterior door. Must fit within header.	
L3	Bed 1	Right Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L4	Living	Right Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L5	Bath 1	Right Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
L6	WIC 1	Right Inswing	2'8" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L7	Gym	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L8	Elevator	Right Outswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
L9	Powder Bath 1	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
L10	Mech.	Left Outswing	2'8" x 8'0"	3'10"	8'2"			Weatherstripped, self-closing, 20 minute fire door.	
L11	Sauna	Left Outswing	3'0" x 8'0"	8'2"	8'2"			Insulated sauna door, no locking mechanism allowed.	
L12	Sauna	Double Action	Min. 2'4" wide	1'0"			Tempered	Shower glass per owner and builder.	
L13	Bath 1	Double Action	Min. 2'4" wide	1'0"			Tempered	Shower glass per owner and builder.	
M1	Entry	Pivot	3'0" x 8'0"	8'2"	8'2"			Solid wood. Custom 3'0" x 8'0" pivot door w/ 2'6" x 8'0" sidelight, each side.	
M2	Dining	Exterior Slider	6'0" x 8'0"	8'2"	8'2"	South, 38 (covered)	Tempered 2x3	2-panel weatherstripped exterior sliding door.	
M3	Office	Exterior Folding	8'4" x 8'0"	8'2"	8'2"	North, 57 (covered)	Tempered 2x3	3'-3/4" x 8'0" panel Pincosmo™ weatherstripped exterior door.	
M4	Family	Exterior Folding	10'8" x 8'0"	8'2"	8'2"	North, 84 (covered)	Tempered 2x3	4'-3/4" x 8'0" panel Pincosmo™ weatherstripped exterior door.	
M5	Garden Tools	Right outswing	3'0" x 8'0"	8'2"	8'2"	N/A, not conditioned	Tempered 2x3	Weatherstripped exterior door. Panel design per elevations.	
M6	Garage	Left Inswing	3'0" x 8'0"	8'2"	8'2"	N/A, not conditioned	Tempered 2x3	Weatherstripped exterior door. Panel design per elevations.	
M7	Garage	4-section lift	8'0" x 8'0"	8'2"	8'2"	N/A, not conditioned	Tempered	Garage Door; panel design per elevations.	
M8	Garage	4-section lift	18'0" x 8'0"	8'2"	8'2"	N/A, not conditioned	Tempered	Garage Door; panel design per elevations.	
M9	Storage	Right outswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
M10	Garage	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Weatherstripped, self-closing, 20 minute fire door.	
M11	Elevator	Right Outswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
M12	Storage Bath 2	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
M13	Closet	Right Outswing	2'8" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
M14	Powder Bath 2	Left Inswing	2'8" x 8'0"	3'10"	8'2"			Panel design per owner and builder.	
M15	Office	Left Inswing	3'0" x 8'0"	8'2"	8'2"			Panel design per owner and builder.	
M16	Secondary Eicher	Double action	3'6" x 8'0"	8'2"	8'2"			Two panels, swing both directions. Each panel = 1'8" x 8'0"	
M17	Kitchen	Double action	3'6" x 8'0"	8'2"	8'2"			Two panels, swing both directions. Each panel = 1'8" x 8'0"	

Window ID	Room	Operation	Nominal Size	Wall Width	Header Height	Glazing Area/Direction	Glazing Type	Grids/Muntin Bars	Comments
L1	Stairwell	LNR Cant	3-3'0" x 8'0"	14'9"	South, 54	Tempered 2x3			LNR Muller Casements - wall is thickened per plan. Must have 3'0" x 8'0" units per mtr.
L2	Bed 1	LNR Cant	3-3'0" x 5'6"	8'2"	West, 32	Tempered 2x2			LNR Muller Casements - wall is thickened per plan. Must have 3'0" x 5'6" windows together per mtr.
L3	Gym	LLNR Cant	3-3'0" x 8'0"	8'2"	East, 42.7	Tempered 2x2			LLNR Muller Casement. Must have 3'0" x 8'0" units per mtr.
M1	Entry	Fixed	2'6" x 8'0"	8'2"	South, 18 (covered)	Tempered	none		2'6" x 8'0" sidelight for custom pivot door, mullied to fixed door M1.
M2	Entry	Fixed	2'6" x 8'0"	8'2"	South, 18 (covered)	Tempered	none		2'6" x 8'0" sidelight for custom pivot door, mullied to fixed door M1.
M3	Dining	LR Cant	2-3'0" x 5'6"	8'2"	West, 24	2x2			LR Muller Casements, must have 3'0" x 5'6" units per mtr.
M4	Office	LR Cant	2-3'0" x 5'6"	8'2"	West, 24	2x2			LR Muller Casements, must have 3'0" x 5'6" units per mtr.
M5	Secondary Eicher	R Cant	3'0" x 4'6"	8'2"	North, 10	2x2			Sill set above tile backsplash.
M6	Kitchen	LR Cant	2-3'0" x 4'6"	8'2"	North, 26	2x2			LR Muller Casements, must have 3'0" x 4'6" units per mtr. Sill set above tile backsplash.
M7	Family	R Cant	3'0" x 5'6"	8'2"	East, 12	2x2			Sill set above tile backsplash.
M8	Family	L Cant	3'0" x 5'6"	8'2"	East, 12	2x2			Sill set above tile backsplash.
M9	Garage	LR Cant	2-3'0" x 5'6"	8'2"	East, 34	2x2			LR Muller Casements, must have 3'0" x 5'6" units per mtr.
U1	Stairwell	LNR Cant	3-3'0" x 8'0"	14'9"	South, 54	Tempered 2x3			LNR Muller Casements. Must have 3'0" x 8'0" units per mtr.
U2	Entry	LR Cant	2-3'0" x 5'6"	8'2"	South, 24	2x2			LR Muller Casements, must have 3'0" x 5'6" units per mtr.
U3	Laundry	LR Cant	2-3'0" x 5'6"	8'2"	South, 24	2x2			LR Muller Casements, must have 3'0" x 5'6" units per mtr.
U4	Laundry	R Cant	3'0" x 4'6"	8'2"	West, 10	2x2			Sill set above tile backsplash.
U5	Bed 3	LR Cant	2-3'0" x 5'6"	8'2"	West, 24	2x2			LR Muller Casements, must have 3'0" x 5'6" units per mtr.
U7	Bath 3	Awing	3'0" x 3'0"	8'2"	North, 6	Tempered	none		Shower window, min 5' above floor.
U8	Bath 2	Awing	3'0" x 3'0"	8'2"	North, 0	Tempered	none		Shower window, min 5' above floor.
U9	Bed 2	LNR Cant	3-3'0" x 4'6"	7'6"	North, 30	Tempered 2x2			LNR Muller Casements. Must have 3'0" x 4'6" units per mtr.
U10	Primary Bath	R Cant	3'0" x 5'6"	8'2"	East, 12	2x2			
U11	Primary Bath	L Cant	3'0" x 5'6"	8'2"	East, 12	2x2			
U12	Primary Bath	Awing	3'0" x 3'0"	8'2"	North, 6	none			
U13	Primary Bath	Awing	3'0" x 3'0"	8'2"	East, 6	none			
U14	Primary Bath	Awing	4'6" x 4'0"	8'2"	North, 12	Tempered	none		
U15	Primary Bath	Awing	4'6" x 4'0"	8'2"	East, 12	Tempered	none		
U16	Primary Bath	Awing	3'0" x 3'0"	8'2"	South, 0	Tempered	none		Shower window, min 5' above floor.
U17	Primary Bath	Awing	3'0" x 3'0"	8'2"	South, 6	none			
U18	Hic WIC	Awing	3'0" x 3'0"	8'2"	South, 6	none			
U19	Her WIC	Awing	3'0" x 3'0"	8'2"	South, 6	none			



UPPER LEVEL PLAN  
 scale 1/4" = 10'  
 FLOOR AREA: 1810 sf



Typical Arched Opening (AO) - Elliptical arc  
 scale: 1/2" = 1'

REVISIONS  
 4-1-2024  
 4-16-2024  
 5-7-2024  
 5-20-2024  
 6-26-2024

LUMBER TAKEOFF SERVICES  
 by Veracity Estimating

Upper Level Plan

LUMBER TAKEOFF SERVICES  
 by Veracity Estimating

DRAWN: 3-8-2024  
 CHECKED: A3

- BASEMENT NOTES:**
- ALL ANCHOR BOLTS NOT SHOWN ARE TO BE 5/8" DIA. x 12" A307 ANCHOR BOLT AT 4'-0" o.c. w/ 3" x 3" x 1/4" WASHER PLATE. SEE PLAN FOR SPECIAL ANCHOR BOLT REFERENCE AT SHEAR WALLS. WHERE REQUIRED, USE HOT DIPPED GALVANIZED ANCHOR BOLTS, NAILS AND HARDWARES THAT ARE ATTACHED TO P.T.D.F. MUDDILL. PER RELEVANT CITY CODE REQUIREMENTS.
  - ALL HOLD-DOWNS SHOWN ON THIS PLAN TO BE CONNECTED FROM POST IN 1ST. FLOOR WALL TO FOOTING BELOW (UNO) AND TO BE INSTALLED PER SIMPSON CO. SPECIFICATIONS.
  - ALL INTERIOR FOOTING LOCATIONS NOT DIMENSIONED SHALL BE EQUALLY SPACED BETWEEN DIMENSIONED FOOTINGS AND/OR THE PERIMETER FOUNDATION.
  - STITCH NAIL ALL DOUBLE OR TRIPLE MEMBERS W/led @ 4" o.c., STAGGERED (TYP.).
  - SEE DETAIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.
  - SEE SECOND FLOOR FRAMING PLANS FOR HOLD-DOWN TYPE AND LOCATIONS.

- LEGEND:**
- BASEMENT
  - SEE DETAILS FOR FOOTING SIZE, WIDENED FOOTING HARDY FRAME PANELS, PROVIDE #5 AT 12" o.c. EACH WAY, TOP AND BOTTOM. PLACE 'HF' DIRECTLY ON TOP OF CONCRETE. (ON TOP OF MUDDILL IS NOT ALLOWED)
  - SHEAR MATERIAL AND ANCHOR BOLT SPACING IDENTIFIER, (SEE SHEAR WALL SCHEDULE ON SHEET)
  - HD OR HDUS INDICATES LOCATION OF SIMPSON HDUS HOLD-DOWN (FULLY SCREWED W/ 1/4-SDS 1/4x2 1/2) W/ 2-2x POST, UNO, (PRE-DRILL NAILS OR USE 4x MIN. IF SPLITTING OCCURS) W/ 5/8x2x4 AT (N) CONC. LOCATION.

**NOTE:**  
USE 2x6 STUDS AT ALL PLUMBING WALLS SEE ARCHITECTURAL DRAWINGS FOR LOCATION

- HOLD-DOWN NOTES:**
- ALL STRAP TYPE ANCHORS TO BE INSTALLED OVER PLYWD. SHEAR MATERIAL.
  - ALL DBL. 2x4 POSTS AT HOLD-DOWN, 'HD' OR STRAP LOCATIONS TO BE NAILED TOGETHER WITH led AT 4" o.c., STAGGERED.
  - IF 2x SHIMS OR 'PAD-OUT' STUDS ARE USED BETWEEN THE HOLD-DOWN ANCHOR AND THE POST SPECIFIED, ATTACH SHIMS TO THE SPECIFIED POST WITH A MINIMUM OF led AT 4" o.c., STAGGERED.

**CORROSION PROTECTION NOTE:**  
CORROSION PROTECTION FOR NAILS AND OTHER HARDWARE ATTACHED TO PRESSURE TREATED LUMBER, OF PARTICULAR CONCERN IS THE SHEAR WALL EDGE NAILING INTO A PRESSURE-TREATED SILL PLATE. (NOTE: AS OF JAN. 1, 2024, MOST PRESSURE TREATED LUMBER WILL UTILIZE NEW CHEMICALS THAT ARE MORE CORROSIVE THAN THE TRADITIONAL CCA-C PROCESS.) USE GALVANIZED PRODUCTS, NOTE THAT THEY ARE TO BE HOT DIPPED GALVANIZED, ALSO IF EXPOSED TO WEATHER.

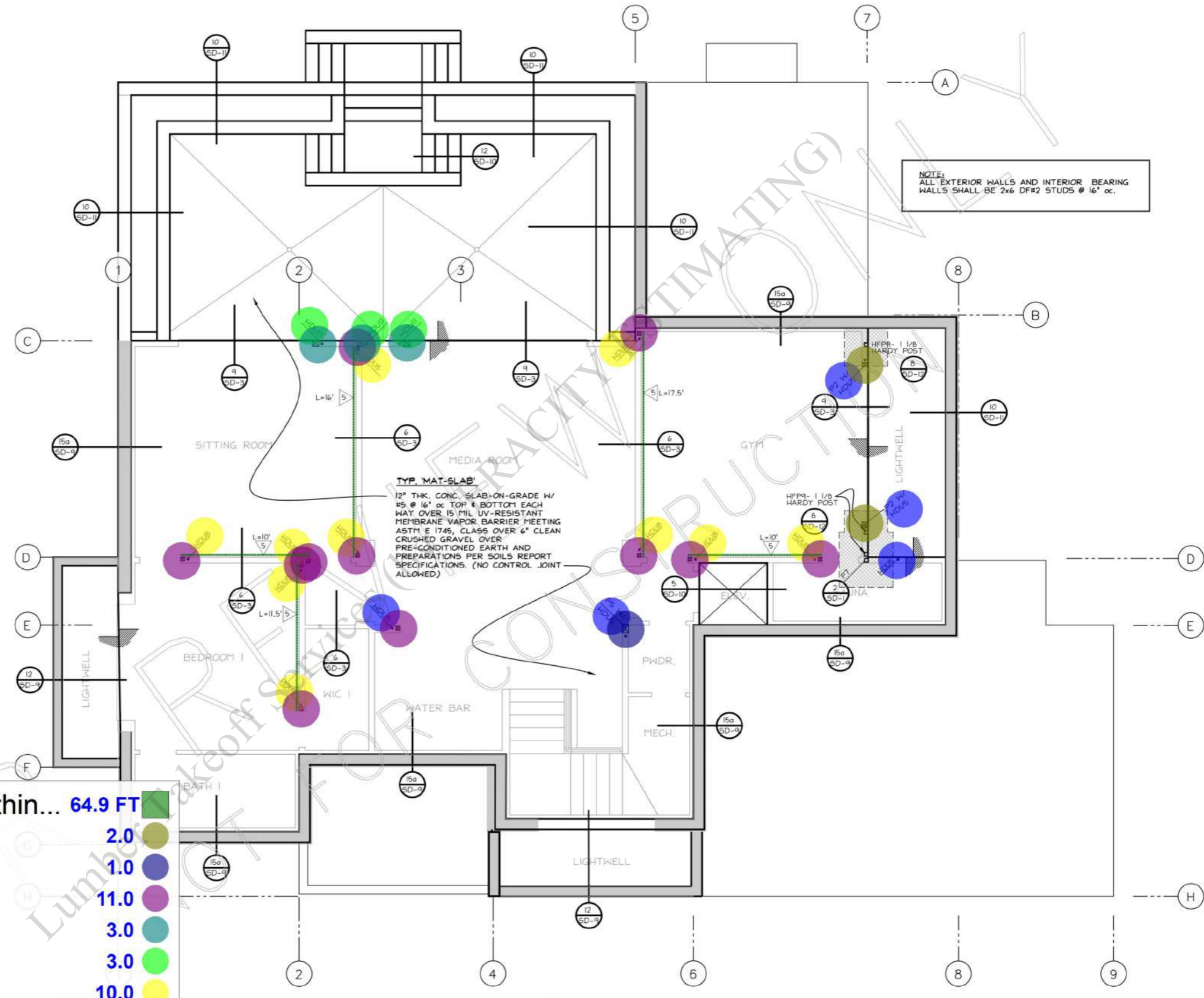
**TYPICAL DETAILS**

FRAMING CONDITION	DETAIL NO.
1 TURNDOWN EDGE	14/SD-3
2 SHEAR TRANSFER CORNER DETAIL	4/SD-4
3 NON-BRG WALL CONNECTION	10/SD-2

- 1/2" CDX Plywood Wall Sheathin... 64.9 FT
- "P2" 4x6 Post (9'-0" H) 2.0
- "P5" 6x8 Post (9'-0" H) 1.0
- "P1" 4x4 Post (9'-0" H) 11.0
- "P4" 6x6 Post (9'-0" H) 3.0
- Holdown "HDU11" 3.0
- Holdown "HDU8" 10.0
- Holdown "HDU5" 5.0

1. 5' BAND AROUND THE PERIMETER OF THE NEW STRUCTURE, EXTERNAL GRADIENTS INWARD AND AWAY FROM THE STRUCTURE WITH A MINIMUM GRADIENT OF 2% AND FOR A MINIMUM OF 3 FEET.

2. ALL FOUNDATION, GRADING, AND DRAINAGE OPERATIONS MUST BE OBSERVED AND APPROVED BY RESPECTIVE PROJECT ENGINEERS.



**NOTE:**  
ALL EXTERIOR WALLS AND INTERIOR BEARING WALLS SHALL BE 2x6 DF#2 STUDS @ 16" o.c.

**TYP. MAT-SLAB:**  
12" THK. CONC. SLAB-ON-GRADE W/ #5 @ 16" o.c. TOP & BOTTOM EACH WAY OVER 15 MIL UV-RESISTANT MEMBRANE VAPOR BARRIER MEETING ASTM E 1745, CLASS OVER 6" CLEAN CRUSHED GRAVEL OVER PRE-CONDITIONED EARTH AND PREPARATIONS PER SOILS REPORT SPECIFICATIONS. (NO CONTROL JOINT ALLOWED)

**FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"

NO.	REVISIONS

**consulting engineers, inc.**  
Structural Analysis & Design  
SAN JOSE MAIN OFFICE: 7007 REALM DR., #B-3 SAN JOSE, CA 95119 tel: 408-229-8105 fax: 408-229-8157 e-mail: rcengr@aol.com

**REGISTERED PROFESSIONAL ENGINEER**  
C 48956  
CIVIL  
STATE OF CALIFORNIA

**1st Sub 7-8-24**

**LUMBER TAKEOFF SERVICES**  
by Veracity Estimating

SCALE: NOT TO SCALE, U.N.O.  
DRAWN: RC  
CHECKED: RC  
PROJ. NO: 24-132  
DATE: 7-8-24  
DRAWING NO.: S-1  
SHEET(S)

24132-24X36

**FOUNDATION NOTES:**

- ALL ANCHOR BOLTS NOT SHOWN ARE TO BE 5/8" DIA. x 12" A307 ANCHOR BOLT AT 4'-0" o.c. W/ 3" x 3" x 1/4" WASHER PLATE. SEE PLAN FOR SPECIAL ANCHOR BOLT REFERENCE AT SHEAR WALLS. WHERE REQUIRED, USE HOT DIPPED GALVANIZED ANCHOR BOLTS, NAILS AND HARDWARES THAT ARE ATTACHED TO P.T.D.F. MUDSILL PER RELEVANT CITY CODE REQUIREMENTS.
- ALL HOLDOWNS SHOWN ON THIS PLAN TO BE CONNECTED FROM POST IN 1ST. FLOOR WALL TO FOOTING BELOW (U.N.O.) AND TO BE INSTALLED PER SIMPSON CO. SPECIFICATIONS.
- ALL INTERIOR FOOTING LOCATIONS NOT DIMENSIONED SHALL BE EQUALLY SPACED BETWEEN DIMENSIONED FOOTINGS AND/OR THE PERIMETER FOUNDATION.
- STITCH NAIL ALL DOUBLE OR TRIPLE MEMBERS W/16d @ 4" o.c. STAGGERED (TYP.).
- PROVIDE DOUBLE JOISTS UNDER PARTITIONS WHICH ARE PARALLEL TO THE FLOOR JOISTS.
- PROVIDE 2x FULL DEPTH BLOCKING UNDER PARTITION WALLS WHICH ARE PERPENDICULAR TO JOISTS.
- SEE DETAIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.

**LEGEND:**

- CONCRETE GRADE BEAM OR RETAINING WALL
- CONCRETE RETAINING WALL
- CONCRETE GRADE BEAM OR RETAINING WALL
- 16" DIAMETER PIER X 14'-0" BELOW LOWEST ADJACENT GRADE/
- 18" DIAMETER PIER X 16'-0" BELOW LOWEST ADJACENT GRADE/

**TYPICAL FLOOR OR ROOF JOIST/ RFRTR., U.N.O.**

J1	2x8 @ 16" oc.
J2	11 7/8 TJI 360 @ 16" oc.
J3	1 3/4 x 11 7/8 LVL
J4	2x8 @ 24" oc.
J5	2x12 DF#1
J6	RIPPED 2x12 DECK JOISTS @ 16" oc.
J7	2x10 RAFTER @ 24" oc.
J8	9 1/2" TJI @ 24" oc.

**HANGER SCHEDULE JOISTS & BEAMS, U.N.O.**

JOISTS/ BEAM	TOP FLANGE HANGER	FACE MOUNT HANGER
2x	-	LUS
11 7/8 TJI 360	ITS2.37/11.88	HUS2.37/11.88
LVL	WP1.81	HUS1.81/10
3 1/2 x 11 7/8 OR 2-LVL	WP3.56 H=11.875	HGUS4.12
5 1/4 x 11 7/8 PSL OR 3-LVL	HWP5.37 H=11.75	HGUS5.50/12
7 x 11 7/8 PSL	HWP7.12	HGUS7.25/12

NOTE: BEAM DEPTHS GREATER OR LESS THAN SHOWN SHALL BE 1TS "LUS", "WP", "HUS", "HGUS", OR "HWP" HANGER PER THE SPECIFIED DEPTH AS SHOWN IN THE SIMPSON STRONG-TIE CATALOG.

**TYPICAL DETAILS**

FRAMING CONDITION	DETAIL NO.
1 TURNDOWN EDGE	14/SD-3
2 SHEAR TRANSFER CORNER DETAIL	4/SD-4
3 NON-BRG WALL CONNECTION	10/SD-2
4 CEILING JOIST TO BALLOON FRAME WALL	11/SD-2
5 TOP PLATE/SPICE CONNECTION	3/SD-4
6 TIEDOWN/HOLDOWN CONNECTION	2/SD-5, 3/SD-5, 7/SD-5, 8/SD-5, 10/SD-5, 11/SD-5
7 ROOF FRAMED OPENING	6/SD-2
8 PLYWOOD SHEARWALL INSTALLATION	2/SD-4
9 JOIST AND STUD CUTOUT DETAIL	1/SD-2
10 TYPICAL STUD LOCATIONS	2/SD-2
11 ROOF FLOOR PLYWOOD INSTALLATION	4/SD-2
12 FRAMED WALL OPENING	8/SD-2
13 STRAP TO BEAM DETAIL	9/SD-2
14 BEAM TO POST CONNECTION	12/SD-2, 2/SD-6, 3/SD-6, 4/SD-6

**EXTERIOR SLAB:**  
5" THK. CONC. SLAB ON GRADE w/ #4 @ 16" o.c. AT CENTER OF SLAB OVER 4" THICK OF COMPACTED, CLEAN CRUSHED ROCK. SEE SOILS REPORT FOR PAD PREPARATION REQUIREMENT & SPECIFICATIONS.

**TYPICAL BEAM/HDR SCHEDULE**

FRAMING SIZE	
1	3 1/2 x 11 7/8 PSL
2	5 1/4 x 11 7/8 PSL
3	7 x 11 7/8 PSL
4	3 1/2 x 14 PSL
5	5 1/4 x 14 PSL
6	7 x 14 PSL
7	5 1/4 x 16 PSL
8	5 1/4 x 18 PSL
9	3 1/2 x 9 1/2 PSL
10	5 1/4 x 9 1/2 PSL
11	7 x 9 1/2 PSL
12	4x8
13	4x10
14	4x12
15	6x10
16	6x12
17	W10x33 STEEL BEAM (50 KSI)
18	W10x45 STEEL BEAM (50 KSI)
19	6 3/4" x 24" 24F-V4 GLB W/ STD. CAMBER
20	HSS 8x12x1/2 STEEL MOMENT BEAM
21	W10x30 STEEL BEAM (50 KSI)
22	HSS 6x10x1/2 STEEL

**TYPICAL POST**

DS	DOUBLE STUDS
P1	4x4 POST
P1-P	4x4 P.T.D.F. POST
P2	4x6 POST
P3	4x8 POST
P4	6x6 POST
P4-P	6x6 P.T.D.F. POST
P5	6x8 POST
P6	HSS 8x8x1/2 STEEL MOMENT COLUMN
P7	HSS 4x4x3/8 STEEL COLUMN

- "P2" 4x6 Post (10'-0" H) 7.0
- "P4" 6x6 Post (10'-0" H) 15.0
- "P3" 4x8 Post (10'-0" H) 2.0
- "P5" 6x8 Post (10'-0" H) 7.0
- "P1" 4x4 Post (10'-0" H) 25.0
- "J2" 11-7/8" TJI 360 @ 16" O.C Floo... 1,247.5 SQ FT
- "J3" 1-3/4" x 11-7/8" LVL Cantilever Fl... 337.3 SQ FT
- Standard Joist 298.0 FT
- Standard Joist 258.0 FT
- Standard Joist 649.0 FT
- "J6" Ripped 2x12 Deck Joist @ 16" O.C 134.9 SQ FT
- Standard Joist 104.0 FT
- "C3" Post Cap Simpson 'CCQ' 2.0
- 7x14 PSL Beam 14.0 FT
- 5-1/4"x11-7/8" PSL Beam 126.0 FT
- 3-1/2"x11-7/8" PSL Header 6.0 FT
- 7"x11-7/8" PSL Beam 12.0 FT
- 5-1/4"x9 1/2" PSL Beam 16.0 FT
- 1/2" CDX Plywood Sheathing @ Shear ... 195.4 FT
- "CL2" 3-1/2" PSL Blocking W/ "CMSTC16... 33.7 FT
- Holdown "HDU5" 16.0
- Holdown "HDU8" 11.0
- Holdown "HDU11" 5.0
- "MSAT.C66" 4.0
- Frame Handle "HFX-18x1/8" (10'-0" H) 9.4 FT
- Frame Handle "HFX-24x1-1/8" (10'-0" H) 12.5 FT
- Vertical Strap "MSTC" 7.0

**TYPICAL FLOOR PLYWOOD:**  
1 1/8" T. & G. STURDI PLYWD. (OR APA RATED 48/24 SHEATHING) GLUE AND NAIL WITH 10d COMMON AT 6" o.c. EDGE AND AT 10" o.c. FIELD (TYP. UNO.). INSTALL CONTINUOUS OVER TWO OR MORE SPANS AND FACE GRAIN PERPENDICULAR TO SUPPORT.

CL1 INDICATES JOIST WITH EDGE NAILING (E.N.)  
CL2 INDICATES TJI BLKG. W/ EDGE NAILING (E.N.) W/ CMSTC16 STRAP

NOTE: ALL EXTERIOR WALLS AND INTERIOR BEARING WALLS SHALL BE 2x6 DF#2 STUDS @ 16" o.c.

**POST CAP SCHEDULE**

C1	"PC"
C2	"EPC"
C3	"CCQ"
C4	"ECCQ"
C5	"CCQT"
C6	"ECCQT"

See SD6/3

**FIRST FLOOR FRAMING PLAN**

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

**REVISIONS**

NO.	REVISIONS

**consulting engineers, inc.**  
Structural Analysis & Design  
SAN JOSE MAIN OFFICE: 7007 REALM DR., #B-3 SAN JOSE, CA 95119 TEL: 408-229-8105 FAX: 408-229-9157 E-MAIL: rcengr@aol.com

**PROFESSIONAL ENGINEER**  
C 48956  
9-99-77  
CIVIL  
STATE OF CALIFORNIA

**1st Sub 7-8-24**

**LUMBER TAKEOFF SERVICES**  
by Veracity Estimating

SCALE: NOT TO SCALE, U.N.O.  
DRAWN: EPC  
CHECKED: RC  
PROJ. NO: 24-132  
DATE: 7-8-24  
DRAWING NO.: S-2  
SHEET(S)

**ROOF FRAMING NOTES:**

1. PROVIDE A 2x2 POST BELOW ALL BEAM ENDS UNLESS A LARGER POST IS SPECIFIED.
2. NAIL ROOF PLYWOOD W/ EDGE NAILING TO ALL FRIEZE BLOCKING AT EXTERIOR WALLS AND RAFTERS IN LINE WITH EXTERIOR WALLS OR INTERIOR SHEAR WALLS.
3. EXTEND ALL ROOF PLYWOOD BELOW CALF. FRAMED AREAS AND EDGE NAIL TO BEAM OR PERIMETER WALL BLOCKING.
4. NAIL SHEAR MATERIAL WITH TWO ROWS OF EDGE NAILING TO ALL POSTS ATTACHED TO HOLD-DOWN ANCHORS OR STRAPS.
5. AT ALL POSTS, PROVIDE A POST OF IDENTICAL SIZE (UNLESS A LARGER IS SPECIFIED IN FLOOR AND WALLS BELOW).
6. LOCATE ALL FLUSH BEAMS DIRECTLY BELOW BEARING WALL OR POST IN FLOOR ABOVE.
7. NAIL FLOOR PLYWOOD WITH EDGE NAILING TO ALL FLUSH BEAMS, JOISTS OR BLOCKING IN LINE WITH OR OVER EXTERIOR WALLS OR SHEAR WALLS.
8. ALL EXTERIOR PORCH POSTS ARE TO BE SUPPORTED ON A RAISED CONCRETE CURB. SEE FOUNDATION DRAWINGS AND ARCHITECTURAL DRAWINGS (BY OTHERS) FOR MORE INFORMATION.
9. PROVIDE SOLID 2x BLOCKING BETWEEN RAFTERS OVER ALL BEARING WALLS AND

CEILING JOIST SCHEDULE		
HORIZ. SPAN	SIZE & SPACING	SIMPSON TYPE
0'0" TO 8'-0"	2X4 DF #2 @ 24" O.C.	U24
8'-1" TO 13'-8"	2X6 DF #2 @ 24" O.C.	U26
13'-9" TO 17'-0"	2X8 DF #2 @ 24" O.C.	U28
17'-1" TO 20'-0"	2X10 DF #2 @ 24" O.C.	U210
20'-1" TO 24'-0"	2X12 DF #2 @ 24" O.C.	U210

CEILING JOIST SCHEDULE ALTERNATE TO 24" O.C. SPACING		
HORIZ. SPAN	SIZE & SPACING	SIMPSON TYPE
0'0" TO 9'-0"	2X4 DF #2 @ 16" O.C.	U24
9'-1" TO 15'-6"	2X6 DF #2 @ 16" O.C.	U26
15'-7" TO 20'-0"	2X8 DF #2 @ 16" O.C.	U28
20'-1" TO 24'-0"	2X10 DF #2 @ 16" O.C.	U210
24'-1" TO 28'-0"	2X12 DF #2 @ 16" O.C.	U210

HANGER SCHEDULE		
JOISTS/ BEAM	TOP FLANGE HANGER	FACE MOUNT HANGER
2x	-	1US
11 7/8 TJI 360	ITS2.37/11.88	IUS2.37/11.88
LVL	WP1.81	HUS1.81/10
3 1/2 x 11 7/8 OR 2-LVL	WP3.56/H11.875	HGUS412
5 1/4 x 11 7/8 PSL OR 3-LVL	HWP15.37/H11.75	HGUS5.50/12
7 x 11 7/8 PSL	HWP17.12	HGUS7.25/12

NOTE: BEAM DEPTHS GREATER OR LESS THAN SHOWN SHALL BE 'ITS', 'IUS', 'WP', 'HUS', 'HGUS', OR 'HWP' HANGER PER THE SPECIFIED DEPTH AS SHOWN IN THE SIMPSON STRONG-TIE CATALOG.

TYPICAL FLOOR OR ROOF JOIST/ RFR., U.N.O.	
J1	2x8 @ 16" oc.
J2	11 7/8 TJI 360 @ 16" oc.
J3	1 3/4 x 11 7/8 LVL
J4	2x8 @ 24" oc.
J5	2x12 DF#1
J6	RIPPED 2x12 DECK JSTS. @ 16" oc.
J7	2x10 RAFTER @ 24" oc.
J8	9 1/2" TJI 110 @ 24" oc.

BLOCK ALL PLYWOOD EDGES W/ MIN. 3x4 AND NAIL W/ 10d COMMON AT 2" o.c. EDGE AND 6" o.c. FIELD, TYP. AT CROSSED-HATCHED

TYPICAL BEAM/HDR SCHEDULE	
FRAMING SIZE	
1	3 1/2 x 11 7/8 PSL
2	5 1/4 x 11 7/8 PSL
3	7 x 11 7/8 PSL
4	3 1/2 x 14 PSL
5	5 1/4 x 14 PSL
6	7 x 14 PSL
7	5 1/4 x 16 PSL
8	5 1/4 x 18 PSL
9	3 1/2 x 9 1/2 PSL
10	5 1/4 x 9 1/2 PSL
11	7 x 9 1/2 PSL
12	4x8
13	4x10
14	4x12
15	6x10
16	6x12
17	W10x33 STEEL BEAM (50 KSI)
18	W10x45 STEEL BEAM (50 KSI)
19	6 3/4" x 24" 24F-V4 GLB W/ STD. CAMBER
20	HSS 6x12x1/2 STEEL MOMENT BEAM
21	W10x30 STEEL BEAM (50 KSI)
22	HSS 6x10x1/2 STEEL

TYPICAL POST	
POST SIZE	
DS	DOUBLE STUDS
P1	4x4 POST
P1-P	4x4 P.T.D.F. POST
P2	4x6 POST
P3	4x8 POST
P4	6x6 POST
P4-P	6x6 P.T.D.F. POST
P5	6x8 POST
P6	HSS 6x6x1/2 STEEL MOMENT COLUMN

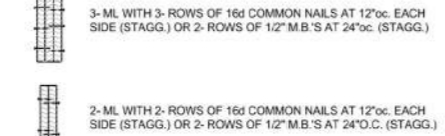
- Frame Handle "HFX-24x1-1/8" (9'-0" H) 12.2 FT
- Frame Handle "HFX-18x1-1/8" (9'-0" H) 9.7 FT
- "P5" 6x8 Post (9'-0" H) 4.0
- "P4" 6x6 Post (9'-0" H) 11.0
- "P2" 4x6 Post (9'-0" H) 14.0
- "P4-P" 6x6 Post (9'-0" H) 5.0
- "P1" 4x4 Post (10'-0" H) 24.0
- 3-1/2"x11-7/8" PSL Beam 99.0 FT
- 5-1/4"x11-7/8" PSL Beam 184.0 FT
- 7x11-7/8" PSL Beam 68.0 FT
- 5-1/4"x14" PSL Beam 76.0 FT
- 5-1/4"x9-1/2" PSL Beam 81.0 FT
- 1/2" CDX Plywood Sheathing (9'-0" H) 133.0 FT
- "CL2" 3-1/2" PSL Blocking W/ "CMSTC12..." 30.6 FT
- MST60 Strap 59.1 FT
- "MST48" Strap 46.0 FT
- 1-3/4"x7-1/4" LSL Studs @ 16" O.C. 15.4 FT
- Vertical Strap "MSTC" 42.0
- Vertical Strap "MSTC66" 3.0
- "P5" 6x8 King Post (4'-0" H) 1.0
- "MST60" Strap 11.7 FT
- "C4" Post Cap Simpson 'ECCQ' 14.0
- "J2" 11-7/8" TJI 360 @ 16" O.C. 307.6 SQ FT
- Standard Joist 252.0 FT
- Holdown "HDU5" 14.0
- Holdown "HDU11" 2.0
- Holdown "HDU8" 4.0
- "J2" 11-7/8" TJI 360 @ 16" O.C. 1,630.8 SQ FT
- Standard Joist 1,310.0 FT
- 2x8 Roof Joist @ 24" O.C. 154.9 SQ FT
- Standard Joist 80.8 FT
- "J5" 2x12 Douglas Fir#1 43.0 FT
- 6x10 Beam 8.0 FT
- "J7" 2x10 Rafter @ 24" O.C. 645.0 SQ FT
- Standard Joist 156.0 FT
- Standard Joist 39.0 FT
- Standard Joist 184.0 FT
- 48/24" Sheathing Floor 2,019.6 SQ FT
- 48/24" Sheathing Roof 866.2 SQ FT
- 2x12 Deck Joist @ 16" O.C. 82.6 SQ FT
- Standard Joist 62.0 FT

PROVIDE 1/2" PLYWOOD W/ TYPE 2 NAILING AT ALL PONY WALL ABOVE LOW ROOF

NOTE: USE 2x6 STUDS AT ALL PLUMBING WALLS SEE ARCHITECTURAL DRAWINGS FOR LOCATION

**CORROSION PROTECTION NOTE:**  
CORROSION PROTECTION FOR NAILS AND OTHER HARDWARE ATTACHED TO PRESSURE TREATED LUMBER OF PARTICULAR CONCERN IS THE SHEAR WALL EDGE NAILING INTO A PRESSURE-TREATED SILL PLATE. (NOTE: AS OF JAN. 1, 2004, MOST PRESSURE TREATED LUMBER WILL UTILIZE NEW CHEMICALS THAT ARE MORE CORROSIVE THAN THE TRADITIONAL CCA-C PROCESS.) USE GALVANIZED PRODUCTS. NOTE THAT THEY ARE TO BE HOT DIPPED GALVANIZED. ALSO IF EXPOSED TO WEATHER.

MULTIPLE MICRO-LAM OR 2x NAILING:



- CL1 INDICATES JOIST WITH EDGE NAILING (E.N.)
- CL2 INDICATES TJI BLKG. W/ EDGE NAILING (E.N.) W/ CMST12 STRAP
- CL3 INDICATES 2x BLKG. W/ EDGE NAILING (E.N.) W/ CST14 STRAP

NOTE: ALL EXTERIOR WALLS AND INTERIOR BEARING WALLS SHALL BE 2x6 DF#2 STUDS @ 16" oc.

**LOW ROOF/ SECOND FLOOR FRAMING PLAN**

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

REVISIONS

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Structural Analysis & Design  
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REGISTERED PROFESSIONAL ENGINEER  
C 46956  
CIVIL  
STATE OF CALIFORNIA

1st Sub 7-8-24

LUMBER TAKEOFF SERVICES  
by Veracity Estimating

SCALE: NOT TO SCALE, U.N.O.  
DRAWN: RC  
CHECKED: RC  
PROJ. NO: 24-132  
DATE: 7-8-24  
DRAWING NO.: S-3  
SHEET(S)



- BASEMENT NOTES:**
- ALL ANCHOR BOLTS NOT SHOWN ARE TO BE 5/8" DIA. x 12" A307 ANCHOR BOLT AT 4'-0" o.c. w/ 3" x 3" x 1/4" WASHER PLATE. SEE PLAN FOR SPECIAL ANCHOR BOLT REFERENCE AT SHEAR WALLS, WHERE REQUIRED, USE HOT DIPPED GALVANIZED ANCHOR BOLTS, NAILS AND HARDWARES THAT ARE ATTACHED TO P.T.D.F. MUDD/SILL. PER RELEVANT CITY CODE REQUIREMENTS.
  - ALL HOLD-DOWNS SHOWN ON THIS PLAN TO BE CONNECTED FROM POST IN 1ST FLOOR HALL TO FOOTING BELOW (U.N.O.) AND TO BE INSTALLED PER SIMPSON CO. SPECIFICATIONS.
  - ALL INTERIOR FOOTING LOCATIONS NOT DIMENSIONED SHALL BE EQUALLY SPACED BETWEEN DIMENSIONED FOOTINGS AND/OR THE PERIMETER FOUNDATION.
  - STITCH NAIL ALL DOUBLE OR TRIPLE MEMBERS W/ 16d @ 4" o.c., STAGGERED (TYP.).
  - SEE DETAIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.
  - SEE SECOND FLOOR FRAMING PLANS FOR HOLD-DOWN TYPE AND LOCATIONS.

**LEGEND:**

△ SHEAR MATERIAL AND ANCHOR BOLT SPACING IDENTIFIER, (SEE SHEAR WALL SCHEDULE ON SHEET 24)

○ HD OR HDUS INDICATES LOCATION OF SIMPSON HDUS HOLD-DOWN (FULLY SCREWED W/ 14-50S 1/4x2 1/2") W/ 2-2x POST, UNO. (PRE-DRILL NAILS OR USE 4x MIN. IF SPLITTING OCCURS) W/ 505/6x24 AT (N) CONC. LOCATION.

○ 16" DIAMETER PIER X 14'-0" BELOW LOWEST ADJACENT GRADE/ (SD-17)

- HOLD-DOWN NOTES:**
- ALL STRAP TYPE ANCHORS TO BE INSTALLED OVER PLTWD. SHEAR MATERIAL.
  - ALL DBL. 2x4 POSTS AT HOLD-DOWN, 'HD' OR STRAP LOCATIONS TO BE NAILED TOGETHER WITH 16d AT 4" o.c., STAGGERED.
  - IF 2x SHIMS OR 'PAD-OUT' STUDS ARE USED BETWEEN THE HOLD-DOWN ANCHOR AND THE POST SPECIFIED, ATTACH SHIMS TO THE SPECIFIED POST WITH A MINIMUM OF 16d AT 4" o.c., STAGGERED.

**CORROSION PROTECTION NOTE:**  
CORROSION PROTECTION FOR NAILS AND OTHER HARDWARE ATTACHED TO PRESSURE TREATED LUMBER. OF PARTICULAR CONCERN IS THE SHEAR WALL EDGE NAILING INTO A PRESSURE-TREATED SILL PLATE. (NOTE: AS OF JAN. 1, 2004, MOST PRESSURE TREATED LUMBER WILL UTILIZE NEW CHEMICALS THAT ARE MORE CORROSIVE THAN THE TRADITIONAL CCA-C PROCESS.) USE GALVANIZED PRODUCTS, NOTE THAT THEY ARE TO BE HOT DIPPED GALVANIZED. ALSO IF EXPOSED TO WEATHER.

**NOTE:**  
USE 2x6 STUDS AT ALL PLUMBING WALLS SEE ARCHITECTURAL DRAWINGS FOR LOCATION

**TYPICAL FLOOR OR ROOFJOIST, U.N.O.**

J1	2x8 @ 16" oc.
J2	11 7/8 360 @ 16" oc.
J3	1 3/4 x 11 7/8
J4	2x8 @ 24" oc.
J5	2x10 DF#1
J6	RIPPED 2x12 DECK JSTS. @ 16" oc.
J7	2x10 RAFTER @ 24" oc.

**FOOTING SCHEDULE**

FOOTING SIZE	
18	1'-6" SQ.X24" THK. FTG.W/ 3-#5 EACH WAY
24	2'-0" SQ.X24" THK. FTG.W/ 4-#5 EACH WAY
30	2'-6" SQ.X24" THK. FTG.W/ 5-#5 EACH WAY
36	3'-0" SQ.X24" THK. FTG.W/ 6-#5 EACH WAY
42	3'-6" SQ.X24" THK. FTG.W/ 7-#5 EACH WAY
48	4'-0" SQ.X24" THK. FTG.W/ 8-#5 EACH WAY
54	4'-6" SQ.X24" THK. FTG.W/ 9-#5 EACH WAY

**HANGER SCHEDULE JOISTS & BEAMS, U.N.O.**

JOISTS/ BEAM	TOP FLANGE HANGER	FACE MOUNT HANGER
2x	-	1/US
1 3/4 x 11 7/8 LVL	WP1.81 H=11.875	HU11
3 1/2 x 11 7/8 LVL	HWP3.56 H=11.875	HGUS412
5 1/4 x 11 7/8 PSL	HWP5.37 H=11.875	HGUS5.50/12
OR 3-1 3/4 x 11 7/8 LVL		

NOTE: BEAM DEPTHS GREATER OR LESS THAN SHOWN SHALL BE 'WP', 'HUS', 'HGUS', OR 'HWP' HANGER PER THE SPECIFIED DEPTH AS SHOWN IN THE SIMPSON STRONG-TIE CATALOG.

**CEILING JOIST SCHEDULE**

HORIZ. SPAN	SIZE & SPACING	HANGERS
0'-0" TO 8'-0"	2X4 DF #2 @ 24" O.C.	U24
8'-1" TO 13'-6"	2X8 DF #2 @ 24" O.C.	U26
13'-7" TO 17'-0"	2X8 DF #2 @ 24" O.C.	U28
17'-1" TO 20'-0"	2X10 DF #2 @ 24" O.C.	U210
20'-1" TO 24'-0"	2X12 DF #2 @ 24" O.C.	U210

**CEILING JOIST SCHEDULE ALTERNATE TO 24" o.c. SPACING**

HORIZ. SPAN	SIZE & SPACING	HANGERS
0'-0" TO 9'-0"	2X4 DF #2 @ 16" O.C.	U24
9'-1" TO 15'-6"	2X6 DF #2 @ 16" O.C.	U26
15'-7" TO 20'-0"	2X8 DF #2 @ 16" O.C.	U28
20'-1" TO 24'-0"	2X10 DF #2 @ 16" O.C.	U210
24'-1" TO 28'-0"	2X12 DF #2 @ 16" O.C.	U210

**TYPICAL BEAM/HDR SCHEDULE**

FRAMING SIZE	
1	3 1/2 x 11 7/8 PSL
2	5 1/4 x 11 7/8 PSL
3	7 x 11 7/8 PSL
4	3 1/2 x 14 PSL
5	5 1/4 x 14 PSL
6	7 x 14 PSL
7	5 1/4 x 16 PSL
8	5 1/4 x 18 PSL
9	3 1/2 x 9 1/2 PSL
10	5 1/4 x 9 1/2 PSL
11	7 x 9 1/2 PSL
12	4x8
13	4x10
14	4x12
15	6x10
16	6x12
17	W10x33 STEEL BEAM (50 KSI)
18	W10x45 STEEL BEAM (50 KSI)
19	6 3/4" x 24" 24F-V4 GLB W/ STD. CAMBER
20	HSS 8x8x1/2 STEEL MOMENT BEAM

**TYPICAL POST**

POST SIZE	
DS	DOUBLE STUDS
P1	4x4 POST
P1-P	4x4 P.T.D.F. POST
P2	4x6 POST
P3	4x8 POST
P4	6x6 POST
P4-P	6x6 P.T.D.F. POST
P5	6x8 POST
P6	HSS 8x8x1/2 STEEL MOMENT COLUMN

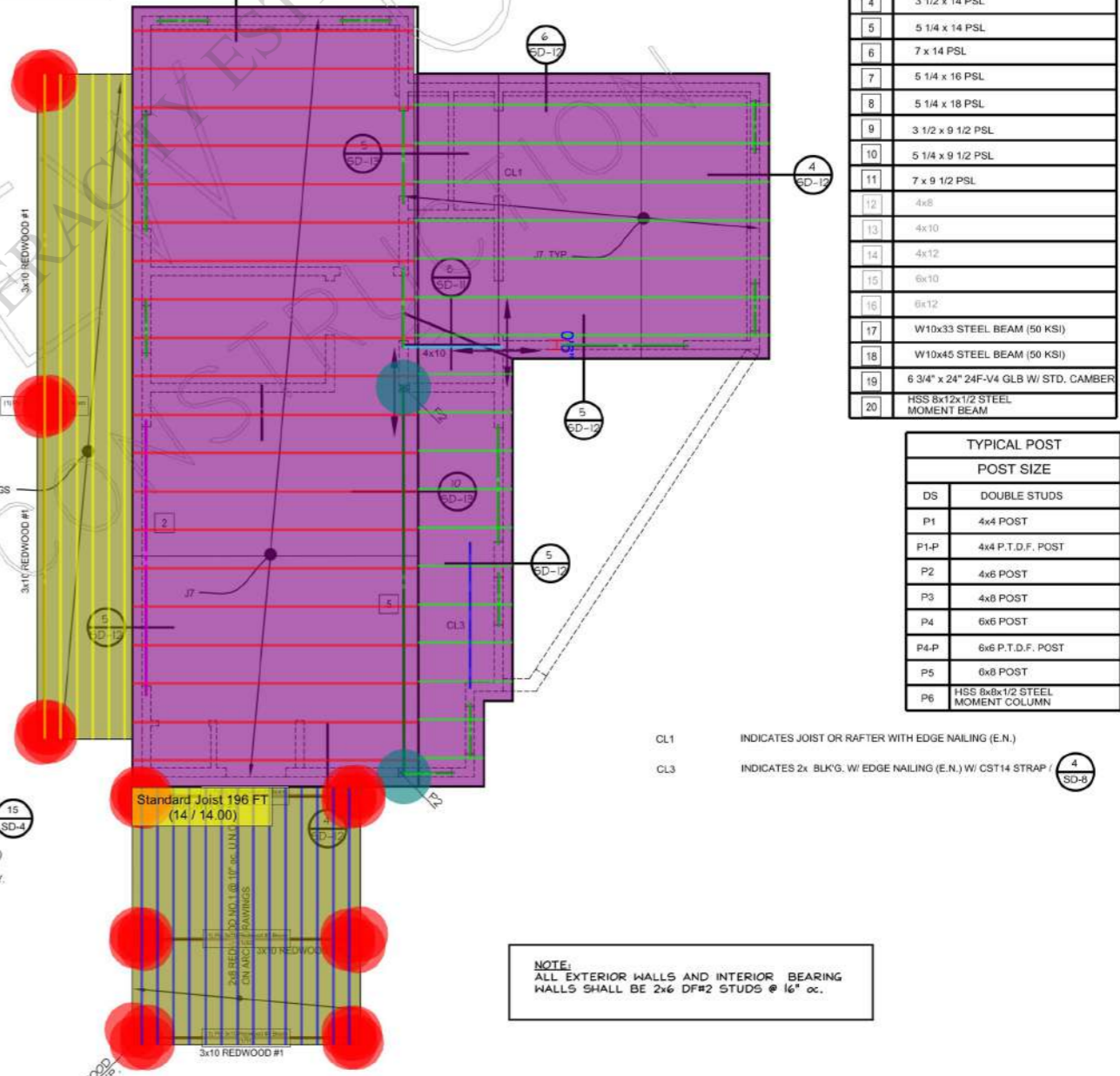
**TYP. 'MAT-SLAB'**  
12" THK. CONC. SLAB-ON-GRADE W/ #5 @ 16" oc TOP & BOTTOM EACH WAY OVER 15 MIL UV-RESISTANT MEMBRANE VAPOR BARRIER MEETING ASTM E 1745, CLASS OVER 6" CLEAN CRUSHED GRAVEL OVER PRE-CONDITIONED EARTH AND PREPARATIONS PER SOILS REPORT SPECIFICATIONS. (NO CONTROL JOINT ALLOWED)

**EXTERIOR SLAB:**  
5" THK. CONC. SLAB ON GRADE W/ #4 @ 16" o.c. AT CENTER OF SLAB OVER 4" THICK OF COMPACTED, CLEAN CRUSHED ROCK. SEE SOILS REPORT FOR PAD PREPARATION REQUIREMENT & SPECIFICATIONS.

**Legend for Framing Plan:**

- "J7" 2x10 Rafter @ 24" O.C ..... 32/16" Sheathing: 975.7 SQ FT
- Standard Joist: 300.0 FT
- Standard Joist: 186.0 FT
- "CL3" 2X Shaped Blocking W/ CST14 Strap: 7.7 FT
- 5-1/4"x11-7/8" PSL Beam: 15.0 FT
- 4x10 Header: 6.0 FT
- 3x10 Redwood #1 Beam: 70.0 FT
- 5-1/4"x14 PSL Beam: 21.0 FT
- 2x8 Redwood NO.1 @ 10" O.C W/ 32/16" Sheathing: 329.9 SQ FT
- "P2" 4x6 Post (9'-0" H): 2.0
- 4x4 Redwood Post (9'-0" H): 36.0
- 5-1/4"x9-1/2" Header Beam: 56.0 FT
- Standard Joist: 210.0 FT
- Standard Joist: 196.0 FT

**ADU FOUNDATION FRAMING PLAN**  
SCALE: 1/4"=1'-0"



**ADU ROOF FRAMING PLAN**  
SCALE: 1/4"=1'-0"

**REVISIONS**

NO.	REVISIONS

**consulting engineers, inc.**  
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**PROFESSIONAL ENGINEER**  
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**1st Sub 7-8-24**

**LUMBER TAKEOFF SERVICES**  
by Veracity Estimating

SCALE: NOT TO SCALE, U.N.O.  
DRAWN: RC CHECKED: RC  
PROJ. NO: 24-132 DATE: 7-8-24  
DRAWING NO.: S-5 SHEET(S)

24132-24X36