



MATERIAL	
Project ID:	New Single Family Residence
Location:	***** California
Scope:	Lumber Breakdown
Date:	January 08, 2025

1 - Lumber Grades

Conclusions

I called for the following lumber grades: Joists/Rafters: DF #2 & DF#1
 Plate: DF #2
 Studs: DF #2 2x4 & DF #2 2x6 Misc.: DF #1 & DF #2
 I called all non-treated lumber as "Dry"

2 - Sheathing

Items to Reference

Page S1 calls for 1/2 plywood wall sheathing. Page S3 calls for 1-1/8" Warmboard Floor Plywood Sheathing, Page S5 calls for 5/8 CDX roof sheathing.

2 - Ledger, Blocking/ Stringer

Items to Reference

Page S2 to S6 calls for 2x & 2x8 Structural Ledger wall on Wall Page S6 calls for 1-3/4" LVL Structural Blocking.

Conclusions

I called for the following Blocking, Ledger & Stringer

Item #	Item Description	Unit (EA)	Quantity	Unit (LF) / (SF)	Quantity
Wall Framing					
Basement					
(4" Thick) Interior Wall					
1	(20'-0" L) (2"x4") Top & Bottom Wood Plate	EA	3	LF	60
2	(9'-1" H) (2"x4") Wooden Stud @ 16" O.C (182 SF)	EA	16	LF	146
(6" Thick) Exterior Wall					
3	(20'-0" L) (2"x6") Top & Bottom Wood Plate	EA	14	LF	280
4	(9'-1" H) (2"x6") Wooden Stud @ 16" O.C (450 SF)	EA	68	LF	340
5	(8'-0"x4'-0") (1/2" Thick) Exterior Plywood Sheathing	EA	15	SF	480
Main Floor					
(6" Thick) Exterior Wall					
6	(20'-0" L) (2"x6") Top & Bottom Wood Plate	EA	54	LF	1080
7	(9'-1" H) (2"x6") Wooden Stud @ 16" O.C (545 SF)	EA	45	LF	413
8	(9'-5" H) (2"x6") Wooden Stud @ 16" O.C (236 SF)	EA	19	LF	179
9	(11'-0" H) (2"x6") Wooden Stud @ 16" O.C (528 SF)	EA	36	LF	396
10	(11'-7" H) (2"x6") Wooden Stud @ 16" O.C (371 SF)	EA	24	LF	278
11	(12'-0" H) (2"x6") Wooden Stud @ 16" O.C (264 SF)	EA	17	LF	205
12	(14'-2" H) (2"x6") Wooden Stud @ 16" O.C (1218 SF)	EA	65	LF	921
13	(13'-2" H) (2"x6") Wooden Stud @ 16" O.C (698 SF)	EA	40	LF	658
14	(16'- 7 5/16" H) (2"x6") Wooden Stud @ 16" O.C (500 SF)	EA	24	LF	401
15	(8'-0"x4'-0") (1/2" Thick) Exterior Plywood Sheathing	EA	137	SF	4384
(4" Thick) Interior Wall					
16	(20'-0" L) (2"x4") Top & Bottom Wood Plate	EA	31	LF	620
17	(4'-9" H) (2"x4") Wooden Stud @ 16" O.C (105 SF)	EA	22	LF	81
18	(9'-1" H) (2"x4") Wooden Stud @ 16" O.C (545 SF)	EA	60	LF	418
19	(12'-5" H) (2"x4") Wooden Stud @ 16" O.C (125 SF)	EA	10	LF	100
20	(15'-3" H) (2"x4") Wooden Stud @ 16" O.C (1724 SF)	EA	113	LF	1297

Item #	Item Description	Unit (EA)	Quantity	Unit (LF) / (SF)	Quantity
	(6" Thick) Interior Wall				
21	(20'-0" L) (2"x6") Top & Bottom Wood Plate	EA	4	LF	80
22	(11'-9" H) (2"x6") Wooden Stud @ 16" O.C (318 SF)	EA	21	LF	247
	Structural Framing				
	Deck Framing				
	Wood Post				
23	(2'-9" Long) (6"x6") Wood Post	EA	2	LF	6
24	(3'-9" Long) (6"x6") Wood Post	EA	1	LF	4
25	(3'-4" Long) (6"x6") Wood Post	EA	1	LF	4
26	(5'-3" Long) (2"x6") PTDF#2 Wood Brace	EA	8	LF	42
	Wood Beam / Girder				
27	(14'-0" Long) (6"x10") DF#1 Girder	EA	2	LF	28
28	(16'-0" Long) (6"x10") DF#1 Girder	EA	2	LF	32
	Wood Blocking				
29	(2"x8") Rim-Joist			LF	60
30	(2"x8") Wood Blocking			LF	60
31	(2"x8") Exterior Fire X Treated Ledger			LF	50
32	(2'-0" Long) (6"x12") Wood Blocking Pices	EA	15	LF	30
	Deck Joist				
33	(2"x8") DF#2 Exterior Fire X Treated Joists @ 16" O.C	SF	315	LF	276
34	(2'-0" Long) (2"x8") DF#2 Exterior Fire X Treated Joists	EA	5		
35	(4'-0" Long) (2"x8") DF#2 Exterior Fire X Treated Joists	EA	4		
36	(6'-0" Long) (2"x8") DF#2 Exterior Fire X Treated Joists	EA	19		
37	(8'-0" Long) (2"x8") DF#2 Exterior Fire X Treated Joists	EA	17		
	Decking				
38	EPI Wood Deck W/ Concealed Fasteners. Ptdf Frame. Ssd. Wui Compliant (As Per Architectural Drawings)			SF	315
	Connections				
39	MST60	EA	1		
40	HUC610z	EA	1		
41	DTT2z Dect Tie	EA	5		
42	LUS28z Hangers	EA	76		
43	Simpson L50z Clip	EA	45		
44	PC6Z @ (6x6) Wood Post	EA	5		
45	(5/8" Dia x 6" Embed) Galv. Thru-Bolts	EA	19		
46	(3/4" Dia x 6" Embed) Thru Bolts	EA	16		
47	HUC610Z w/ (18) - (1/4"x1-3/4") Concrete Titen Turbo	EA	2		
	Lower Floor				
	Wood Post				
48	(10'-0" H) (4"x6") Wood Post	EA	15	LF	150
49	(10'-0" H) (6"x6") Wood Post	EA	12	LF	120
50	(10'-0" H) (6"x8") Wood Post	EA	3	LF	30
	Wood Beam / Girder / Header				
51	(4'-0" Long) (6"x8") Header	EA	1	LF	4
52	(8'-0" Long) (6"x12") Header	EA	1	LF	8
53	(8'-0" Long) (3-1/2"x11-7/8") LVL Beam	EA	1	LF	8
54	(14'-0" Long) (3-1/2"x11-7/8") LVL Beam	EA	2	LF	28
55	(22'-0" Long) (7"x11-7/8") LVL 2.1e 3100 Beam	EA	1	LF	22
56	(6'-0" Long) (5-1/4"x7-1/4") LVL 2.1e 3100 Beam	EA	4	LF	24
57	(8'-0" Long) (5-1/4"x7-1/4") LVL 2.1e 3100 Beam	EA	2	LF	16
58	(10'-0" Long) (5-1/4"x7-1/4") LVL 2.1e 3100 Beam	EA	2	LF	20
59	(22'-0" Long) (5-1/4"x11-7/8") LVL 2.1e 3100 Beam	EA	1	LF	22

Item #	Item Description	Unit (EA)	Quantity	Unit (LF) / (SF)	Quantity
	Wood Blocking				
60	(3"x8") Nailer			LF	18
61	(3"x6") PTDF Mud sill Plate			LF	400
62	(1-3/4"x11-7/8") LVL 1.8E 2400 Rim			LF	105
63	(1-3/4"x11-7/8") LVL 1.8e 2400 Ledger			LF	188
	Floor Joist				
64	(1-3/4"x9-1/2") LVL Floor Joist 1.8e 2400 @ 16" O.C	SF	26	LF	20
65	(4'-0" Long) (1-3/4"x9-1/2") LVL 1.8e 2400	EA	5		
66	(11-7/8") BCI 60-2.0 DF Floor Joist @ 16" O.C	SF	1370	LF	1132
67	(2'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	1		
68	(4'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	4		
69	(6'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	8		
70	(8'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	4		
71	(10'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	9		
72	(12'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	19		
73	(14'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	22		
74	(16'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	1		
75	(18'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	1		
76	(22'-0" Long) (11-7/8") BCI 60-2.0 DF Floor Joist	EA	17		
	Floor Sheathing				
77	(8'-0"x4'-0") (1-1/8" Thick) T&G Floor Plywood	EA	44	SF	1408
	Connections				
78	HUC412	EA	4		
79	MST60 Strap	EA	6		
80	IUS2.37/11.88	EA	150		
81	Simpson L50z Clip	EA	80		
82	IUS1.81/9.5 Hangers	EA	20		
83	PC6z @ (6x6) Column	EA	12		
84	(5/8" Dia x 6" Embed) Anchor Bolts	EA	94		
85	(5/8" Dia x 7" Embed) Anchor Bolts	EA	140		
86	HUC68z w/ (14) (1/4"x1-3/4") Concrete Titen Turbo	EA	4		

Item #	Item Description	Unit (EA)	Quantity	Unit (LF) / (SF)	Quantity
	Lower Roof				
	Wood Post				
87	(12'-0" H) (6"x6") Wood Post	EA	2	LF	24
88	(14'-4" H) (6"x8") Wood Post	EA	1	LF	15
	Wood Beam / Girder / Header				
89	(4'-0" Long) (4"x8") Header	EA	5	LF	20
90	(6'-0" Long) (4"x8") Header	EA	3	LF	18
91	(4'-0" Long) (6"x12") Girder	EA	1	LF	4
92	(6'-0" Long) (6"x12") Girder	EA	2	LF	12
93	(8'-0" Long) (6"x12") Girder	EA	2	LF	16
94	(14'-0" Long) (6"x12") Girder	EA	2	LF	28
95	(22'-0" Long) (7"x11-7/8") LVL 2.1e 3100 Loft Beam	EA	1	LF	22
	Wood Blocking				
96	(2"x8") Nailer			LF	110
97	(2"x8") Ledger			LF	30
98	(1-3/4"x9-1/2") LVL 1.8e 2400			LF	50
	Loft Floor Joist				
99	(2"x10") DF#2 Loft Joist @ 16" O.C	SF	275	LF	232
100	(4'-0" Long) (2"x10") DF#2 Loft Joist	EA	2		
101	(14'-0" Long) (2"x10") DF#2 Loft Joist	EA	16		
	Loft Floor Sheathing				
102	(8'-0"x4'-0") (3/4" Thick) T&G Plywood Sheathing	EA	9	SF	288
	Ceiling Joist				
103	(2"x8") DF#2 Ceiling Joist	SF	924	LF	538
104	(2'-0" Long) (2"x8") DF#2 Ceiling Joist	EA	2		
105	(4'-0" Long) (2"x8") DF#2 Ceiling Joist	EA	1		
106	(6'-0" Long) (2"x8") DF#2 Ceiling Joist	EA	10		
107	(10'-0" Long) (2"x8") DF#2 Ceiling Joist	EA	7		
108	(14'-0" Long) (2"x8") DF#2 Ceiling Joist	EA	19		
109	(16'-0" Long) (2"x8") DF#2 Ceiling Joist	EA	5		
110	(18'-0" Long) (2"x8") DF#2 Ceiling Joist	EA	3		
	Roof Rafter				
111	(2"x8") Roof Rafter @ 24" O.C	SF	300	LF	218
112	(4'-0" Long) (2"x8") Roof Rafter	EA	37		
113	(6'-0" Long) (2"x8") Roof Rafter	EA	1		
114	(8'-0" Long) (2"x8") Roof Rafter	EA	8		
	Roof Sheathing				
115	(8'-0"x4'-0") (1/2" Thick) Plywood Sheathing	EA	10	SF	320
	Connections				
116	US210	EA	35		
117	LUS210	EA	35		
118	Simpson L50	EA	125		
119	LUS26 Hangers	EA	160		
120	LUS28 Hangers	EA	110		
121	(1/4" Dia x3") SDS	EA	45		
122	(1/4" Dia x6") SDS	EA	80		
123	Simpson HGU7.25x10-3/8" - SDS	EA	5		
124	AC6 Top @ (6x6) Wood Post	EA	3		

Item #	Item Description	Unit (EA)	Quantity	Unit (LF) / (SF)	Quantity
	Upper Roof Framing				
	Wood Post				
125	(9'-1" H) (4"x6") Trims	EA	8	LF	73
126	(13'-10" H) (4"x6") Wood Post	EA	8	LF	111
127	(13'-10" H) (6"x6") Wood Post	EA	8	LF	111
	Wood Beam / Girder / Header				
128	(4'-0" Long) (6"x8") Header	EA	5	LF	20
129	(6'-0" Long) (6"x8") Header	EA	8	LF	48
130	(8'-0" Long) (6"x8") Header	EA	2	LF	16
131	(10'-0" Long) (6"x8") Header	EA	3	LF	30
132	(12'-0" Long) (6"x12") Header	EA	2	LF	24
133	(22'-0" Long) (5-1/4"x16") LVL 2.1e 3100, Header	EA	1	LF	22
134	(14'-0" Long) (5-1/4"x11-7/8") LVL 2.1e 3100, Header	EA	1	LF	14
135	(18'-0" Long) (5-1/4"x18") LVL 2.1e 3100, Header	EA	1	LF	18
136	(22'-0" Long) (5-1/4"x14") LVL 2.1e 3100, Dropped Beam	EA	3	LF	66
137	(26'-0" Long) (5-1/4"x14") LVL 2.1e 3100, Dropped Beam	EA	3	LF	78
138	(12'-0" Long) (3-1/2"x11-7/8") LVL 2.1e 3100, Rip Beam	EA	4	LF	48
139	(14'-0" Long) (3-1/2"x11-7/8") LVL 2.1e 3100, Rip Beam	EA	2	LF	28
	Wood Blocking				
140	(3x) Nailer			LF	40
141	(2"x10") Fascia			LF	385
142	(2"x10") Rim Joist			LF	385
143	(2"x8") Wood Blocking			LF	480
144	(4"x8") Wood Blocking			LF	35
	Roof Rafter				
145	(2"x10") DF#2 Roof Rafter @ 24" O.C	SF	3465	LF	1896
146	(4'-0" Long) (2"x10") DF#2 Roof Rafter	EA	1		
147	(6'-0" Long) (2"x10") DF#2 Roof Rafter	EA	4		
148	(8'-0" Long) (2"x10") DF#2 Roof Rafter	EA	52		
149	(10'-0" Long) (2"x10") DF#2 Roof Rafter	EA	27		
150	(12'-0" Long) (2"x10") DF#2 Roof Rafter	EA	2		
151	(14'-0" Long) (2"x10") DF#2 Roof Rafter	EA	26		
152	(16'-0" Long) (2"x10") DF#2 Roof Rafter	EA	21		
153	(18'-0" Long) (2"x10") DF#2 Roof Rafter	EA	22		
154	(20'-0" Long) (2"x10") DF#2 Roof Rafter	EA	2		
155	(22'-0" Long) (2"x10") DF#2 Roof Rafter	EA	1		
156	(1-3/4"x9-1/2") LVL 1.8e 2400 @ 16" O.C	SF	845	LF	740
157	(8'-0" Long) (1-3/4"x9-1/2") LVL 1.8e 2400	EA	40		
158	(28'-0" Long) (1-3/4"x9-1/2") LVL 1.8e 2400	EA	17		
	Roof Sheathing				
159	(8'-0"x4'-0") (5/8" Thick) Plywood Sheathing	EA	135	SF	4320
	Connections				
160	Simpson A35	EA	20		
161	Simpson L90	EA	105		
162	Simpson L50	EA	136		
163	Simpson L70	EA	8		
164	CMST14 Strap (5'-0" Long)	EA	3		
165	Simpson LRU210z	EA	205		
166	Simpson IUS1.81/9.5	EA	78		
167	AC4 Top @ (4x6) Post	EA	8		
168	AC6 Top @ (6x6) Post	EA	8		

Item #	Item Description	Unit (EA)	Quantity	Unit (LF) / (SF)	Quantity
	Exterior Siding				
169	Vertical Epi Class A Fire Rated Siding. Stagger Seams Min. 32" Over Rain Screen. See Detail All Windows And Doors To Be Case-Less. No Exterior Trim At Corners. Sheathing Block			SF	2140
	Trims				
	Door Trims - (Trim size assumed)				
170	(1x4) Exterior Door Trims			LF	159
171	(1x4) Interior Door Trims			LF	639
	Window Trims - (Trim size assumed)				
172	(1x4) Exterior Window Trim			LF	579
173	(1x4) Interior Window Trim			LF	579

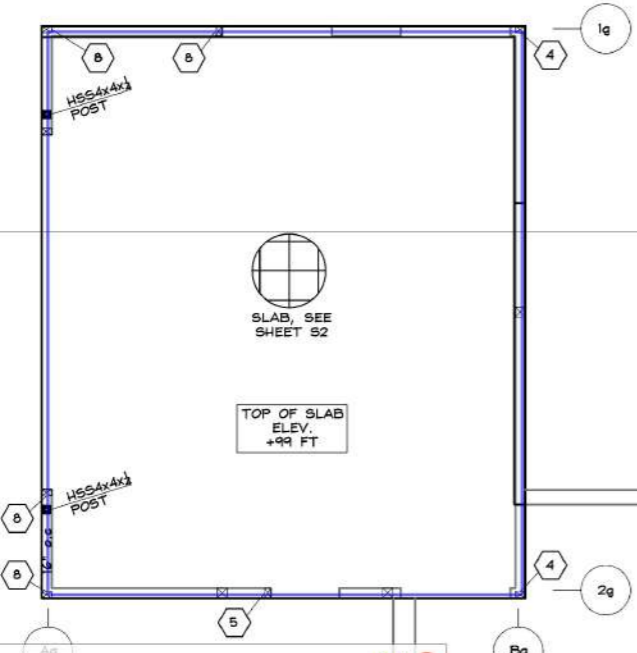
Lumber Takeoff Services (by VERACITY ESTIMATING)

REVISIONS	

SHEET DESCRIPTION:
LOWER FLOOR &
DECK FRAMING PLANS

DRAWN BY: FH
CHECKED BY:
JOB #: 2024-07
DATE: 5/2024

S3



DECK FRAMING NOTES:

1. ALL DECK FRAMING TO BE "EXTERIOR FIRE X" TREATED JOISTS BY HOOVER TREATED WOOD PRODUCTS (OFSM LISTING 2520-1701-0100) OR APPROVED EQUAL.
2. TYP. DECK JOISTS = 2x8 DF#2 "EXTERIOR FIRE X" @ 16" O.C., USE LUS28z, LUC28z, OR L570z, TYP. @ LEDGERS OR DBL 2x8.
3. TYP. DECKING = FIRE-RESISTANT IPE, SEE ARCH.
4. SIMPSON HARDWARE TO BE ZMAX OR HDG, NAILS/FASTENERS TO BE GALV. OR EQUAL CORROSION RESISTANT.
5. FIELD-CUT END CUTS, NOTCHES, AND DRILLED HOLES IN DECK FRAMING MEMBERS SHALL BE FIELD TREATED IN ACCORDANCE WITH ANPA M4.
6. SEE SI FOR ADDITIONAL INFORMATION.

LOWER FLOOR FRAMING NOTES:

1. ALL TOP PLATES TO BE CONTINUOUS OVER HEADERS, AND SPICED PER DET. 3/S1 TYP., U.N.O.
2. TYP. FLOOR JOISTS = 11/2" BCI 60-2.0DF @ 16" O.C.
• @ TYP. CONDITIONS: USE IUS2.37/11.88 (FACE MOUNT) OR ITS2.37/11.88 (TOP FLANGE).
• USE HUS11 SKEW RIGHT 30° OR SKEW LEFT 60° WHERE OCCURS
3. TYP. FLOOR PLY = 1-1/8" WARMBOARD, GLUED & NAILED w/ 10d's @ 6"/6"/10". STAGGER PANEL JOINTS, TYP.
4. FOR ALLOWABLE HOLES IN BCI JOISTS & LVLs, SEE 6/S11 & 7/S11.
5. EXTERIOR STUDWALLS = 2x6 DF#2 @ 16" O.C., TYP. U.N.O., SHEAR PLY = 3/4" PLY, NAILED PER SHEARWALL SCHEDULE. ALL EXTERIOR STUDWALLS NOT IN SHEARWALL REGIONS TO BE TYPE 1 PER THE SHEARWALL SCHED. ON S1 TYP. U.N.O.
6. EXTERIOR HEADERS/TRIMMERS PER PLAN
7. INTERIOR STUDWALLS = 2x4 or 2x6 @ 16" O.C., SEE ARCH.
8. SEE SI FOR ADDITIONAL INFORMATION.

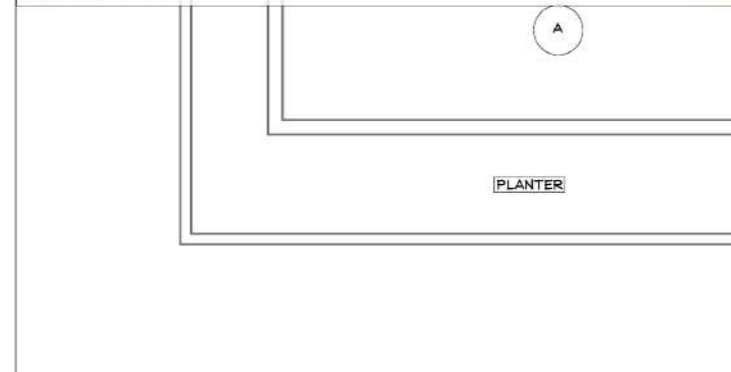
LEGEND:

- POST OR TRIM BELOW
- HSS POST
- BEAMS, GIRDERS, OR HDRs PER PLAN
- FLOOR JOISTS PER PLAN
- WALLS/PARTITIONS BELOW
- Shear Wall per Schedule on S1
- Length of Shear Wall
- Moment Frame
- MST60 THRU-FLOOR STRAP PER 7/S7, WORK w/ SHRNLs ABOVE, ATTACH TO MIN. 4x POST, E.N. WALL PLY TO 4x POST, TYP.
- HOLD-DOWNS @ FDN., SEE S2

LOWER FLOOR & DECK FRAMING PLANS

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

• (4"x6") Wood Post (10'-0" H)	15.0
• (6"x8") Wood Post (10'-0" H)	3.0
• (2'-9" Long) (6"x6") Wood Post	2.0
• (5'-3" Long) (2"x6") PTDF#2 Brace w/ (3/4" Dia) Thru Bolts	8.0
• (3'-9" Long) (6"x6") Wood Post	1.0
• (3'-4" Long) (6"x6") Wood Post	1.0
• (6"x10") DF#1 Girder	60.0 FT
• PC6Z	5.0
• HUC610Z w/ (18) - (1/4"x1-3/4") Concrete Titen Turbo	2.0
• (2"x8") Rim-Joist	58.5 FT
• (2x) Wood Blocking	58.5 FT
• L50z Clip @ 16" O.C	58.5 FT
• (6"x12") Blocking Piece @ 36" O.C	58.5 FT
• (2"x8") Exterior Fire X Treated Ledger w/ (5/8" Dia) Galv. Thru-Bo...	49.4 FT
• LUS28z Hangers @ 16" O.C x2	49.4 FT
• DTT2z Dect Tie	4.0 FT
• (2"x8") DF#2 Exterior Fire X Treated Joists @ 16" O.C	310.9 SQ FT
• MST60	1.0
• Decking	310.9 SQ FT
• HUC610z	1.0
• (6"x6") Wood Post (10'-0" H) PC6z	12.0
• MST60 Strap	6.0
• (5-1/4"x11-7/8") LVL 2.1e 3100 Beam	22.0 FT
• (7"x11-7/8") LVL 2.1e 3100 Beam	22.0 FT
• (6"x12") Header	8.0 FT
• (5-1/4"x7-1/4") LVL 2.1e 3100 Beam	60.0 FT
• (3-1/2"x11-7/8") LVL Beam	36.0 FT
• (1-3/4"x11-7/8") LVL 1.8e 2400 Ledger w/ (5/8" Dia x 6" Embed) J-413.7 FT	413.7 FT
• (1-3/4") LVL 1.8E 2400 Rim	104.3 FT
• HUC68z w/ (14) (1/4"x1-3/4") Concrete Titen Turbo	4.0
• HUC412	4.0
• (6"x8") Header	4.0 FT
• (1-3/4"x9-1/2") LVL 1.8e 2400 @ 16" O.C	25.3 SQ FT
• IUS1.81/9.5 Hangers @ 16" O.C x2	12.9 FT
• (11-7/8") BCI 60-2.0 DF Floor Joist @ 16" O.C	1,370.2 SQ FT
• IUS2.37/11.88 @ 16" O.C	199.9 FT
• Standard Joist	276.0 FT
• Standard Joist	20.0 FT
• Standard Joist	1,132.0 FT



HATCHED REGIONS DENOTE EXTENTS OF CABLE RAILING, SEE ARCH.

REVISIONS

SHEET DESCRIPTION:

LOWER ROOFS, HOUSE
CEILING, GARAGE
LOFT FRAMING PLANS

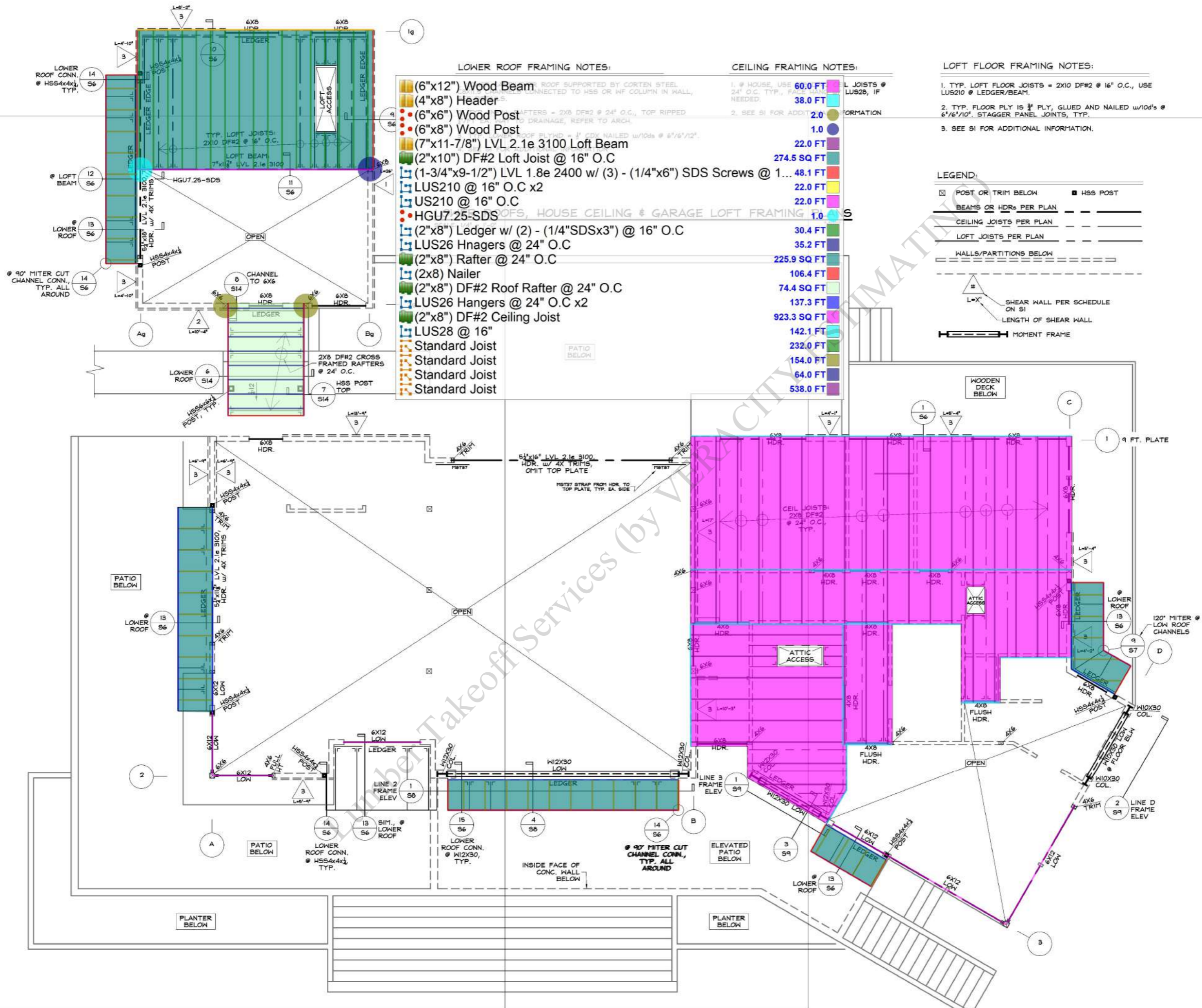
DRAWN BY: FH

CHECKED BY:

JOB #: 2024-07

DATE: 5/2024

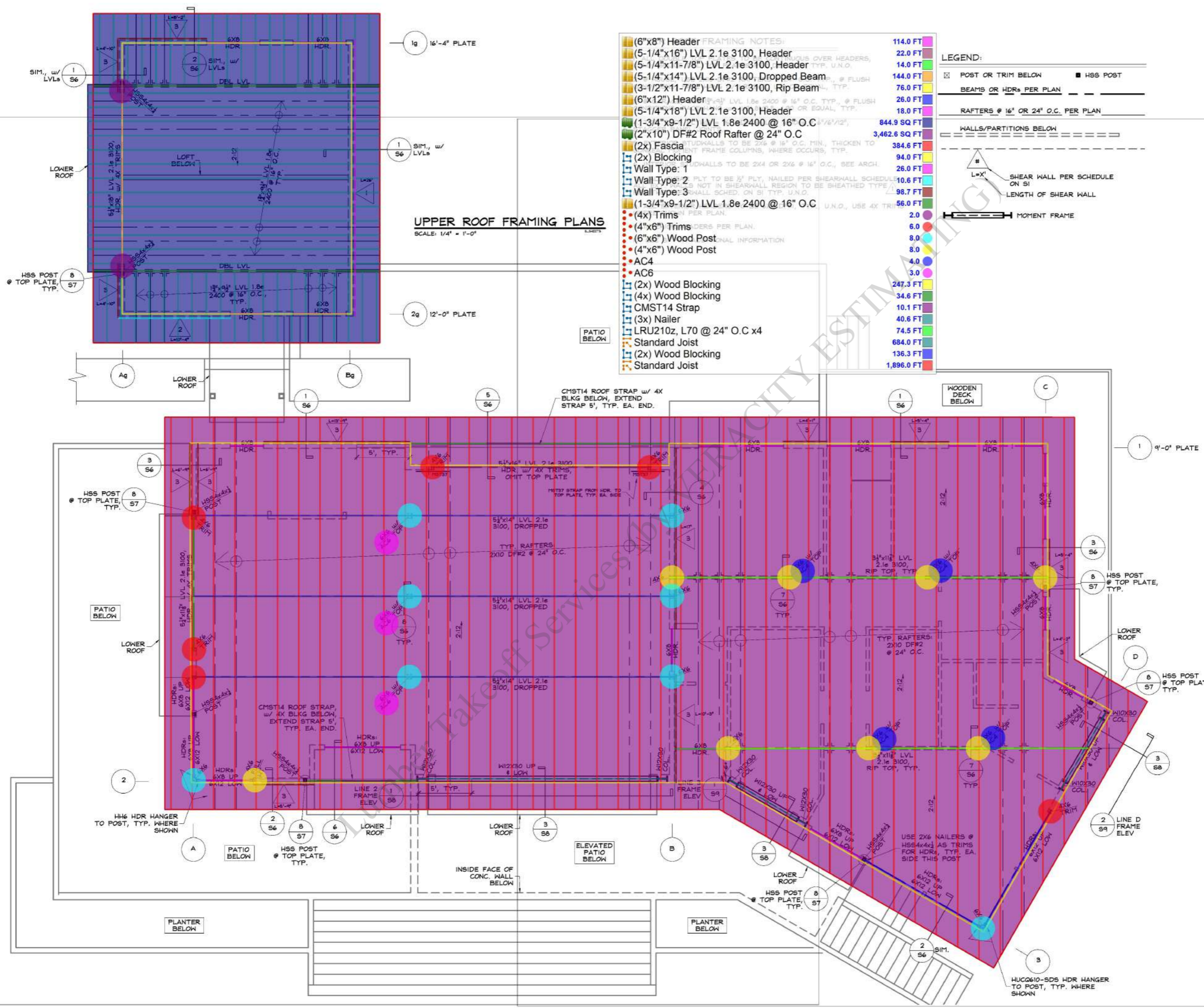
S4



REVISIONS

SHEET DESCRIPTION:
UPPER ROOF FRAMING PLANS

DRAWN BY: FN
CHECKED BY:
JOB #: 2024-07
DATE: 4/2024



OWNER AND PROJECT ADDRESS

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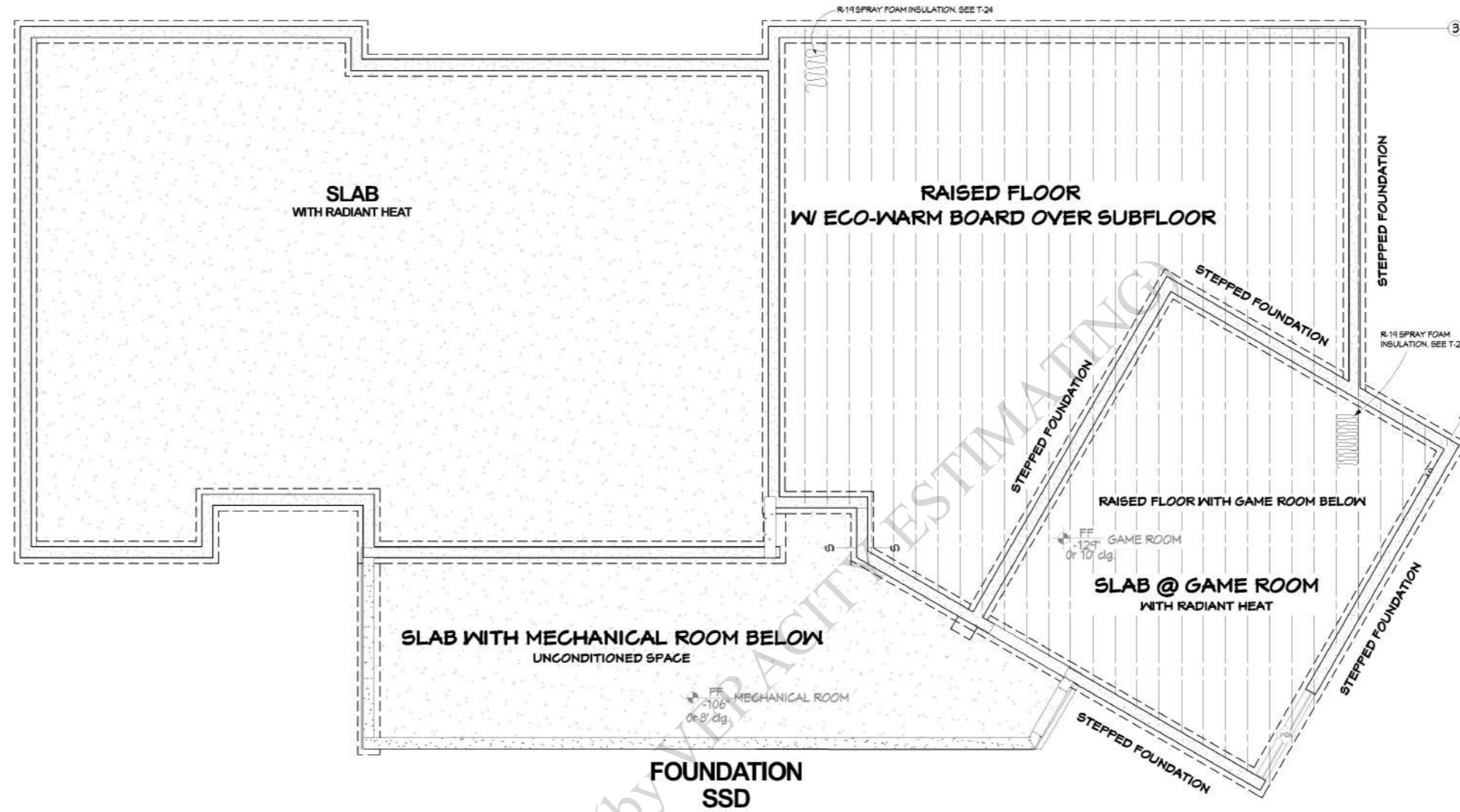
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Date: 7-29-2024 Issue:



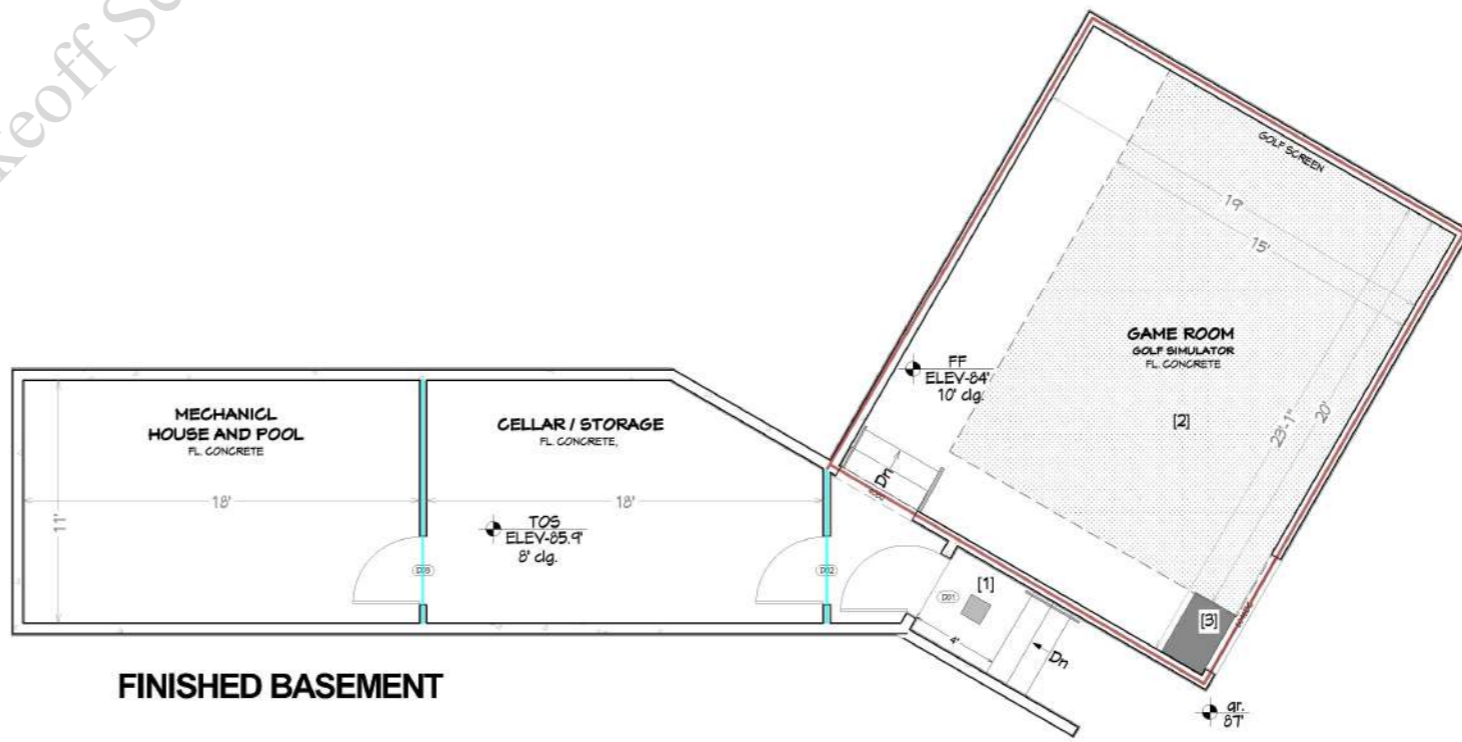
FOUNDATION SSD

FLOOR PLAN KEY
[1] FLOOR DRAIN TO DAYLIGHT
[2] GOLF SIMULATOR
[3] CABINET 36X24X36, WITH MINI-REFRIGERATOR

NOTES:
HAVE ELECTRICIAN LAYOUT UFER GROUND'S.
ALL EXTERIOR DOOR THRESHOLDS TO BE RECESSED.

	(4" Thick) Interior Wall (9'-1" H)	18.0 FT
	(6" Thick) Exterior Wall (5'-0" H)	86.5 FT

DOOR SCHEDULE							
3D EXTERIOR ELEVATION	NUMBER	QTY	SIZE	DESCRIPTION	MANUFACTURER	COMMENTS	FIRE / TEMPERED
	D01	1	3066 L EX	EXT. HINGED DOOR E21	CUSTOM	MIL COMPLIANT	YES YES
	D02	1	3066 L IN	HINGED DOOR S01		SOLID CORE	
	D03	1	3066 L IN	HINGED DOOR S02		SOLID CORE	



FINISHED BASEMENT

BASEMENT
1/4"=1'

A-6

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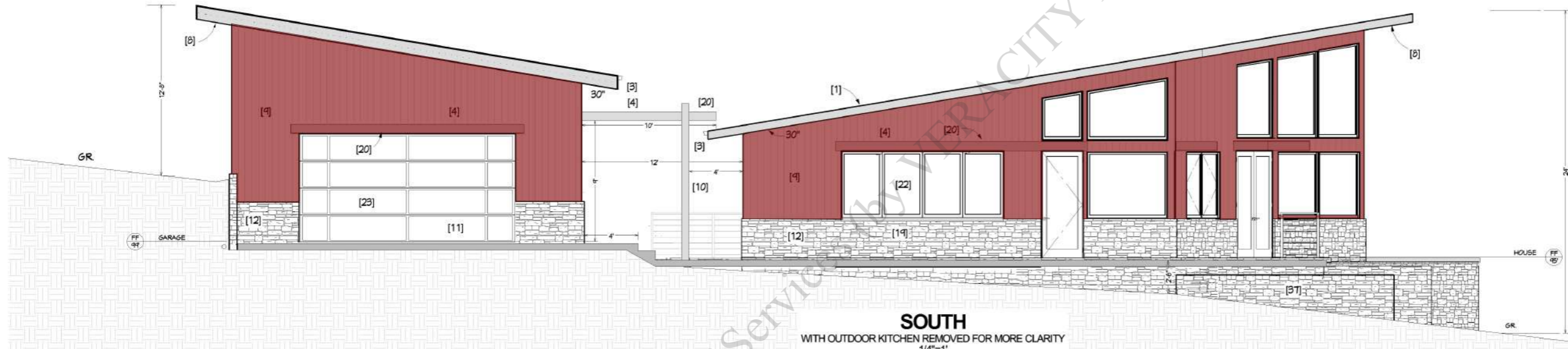
ELEVATIONS AS NOTED

A-7

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EAST
1/4"=1'



SOUTH
WITH OUTDOOR KITCHEN REMOVED FOR MORE CLARITY
1/4"=1'

(5/4"x6") Vertical EPI Class A Fire Rated Siding 925.3 SQ FT

- [1] STANDING SEAM METAL ROOF. AT AREAS WHERE ROOF PITCH IS LESS THAN 4:12 DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION 1507.2.8. PROVIDE A RADIANT BARRIER AT THE ROOF. THIS BARRIER SHALL HAVE AN EMITTANCE OF 0.05 OR LESS, AS TESTED IN ACCORDANCE WITH ASTM C1371 OR ASTM E408, AND SHALL BE CERTIFIED PER TITLE 24, PART 12, CHAPTER 12-13, STANDARD FOR INSULATING MATERIAL. [CENC 150.1(C)2, TABLE 150.1-A, 110.8(J)]
 - [2] *PHOTOVOLTAIC PANELS. TO BE A SEPARATE PERMIT. PANEL SIZE. 41"x61" WEIGHT EA. 41#
 - [3] COPPER GUTTER W/ GUTTER GUARD. ROUND 3" COPPER DOWNSPOUTS.
 - [4] CLASS A GACO ROOF DECK MEMBRANE. ICC-ES EVALUATION REPORT ESR-1284, OR EQUAL. SEE PAGE MEP-6. DRAIN AT 1/4" / FT.
 - [5] GAS FIRED PIZZA OVEN
 - [6] GAS BBQ
 - [7] 2X10 SMOOTH ENGINEERED CEDAR FACIA LISTING NO. 2520-1701:0100
 - [8] CLOSED EAVES 1X4 WESTERN RED CEDAR (TYP. OF ALL SOFFITS) WUI COMPLIANT LISTING NO. 8160-2246:0500
 - [9] VERTICAL 5/4X6 EPI CLASS A FIRE RATED SIDING. STAGGER SEAMS MIN. 32". OVER RAIN SCREEN. SEE DETAIL. ALL WINDOWS AND DOORS TO BE CASE-LESS. NO EXTERIOR TRIM AT CORNERS. SHEATHING FLAME BLOCK
 - [10] CORTEN STEEL POST (SSD)
 - [11] PAVER DRIVEWAY
 - [12] STONE LEDGER PANELS BY MSI OR EQUAL. STONE TYPE TO BE SELECTED BY OWNER
 - [13] ALL WINDOWS TO BE ANDERSON A-SERIES U.N.O. WITH HIGH PERFORMANCE SMART SUN / HEAT LOCK COATING. (TYP.) BOTTOM OF UPPER WINDOWS APPROXIMATELY 114" ABOVE FINISHED FLOOR
 - [15] DRYER VENT. DRYER EXHAUST DUCT TERMINATION SHALL BE LOCATED A MINIMUM OF 3' FROM ANY BUILDING OPENING. [CMC 502.2.1]
 - [16] HAND RAILING
 - [17] EPI WOOD DECK OVER PRESSURE TREATED LUMBER. ALL MATERIAL TO BE WUI COMPLIANT. SSD
 - [18] LACANTINA BIFOLD DOORS 3L/3R. TO BE CONFIRMED W/ OWNER
 - [19] KITCHEN COUNTER TOP EXTENSION
 - [20] WALL MOUNTED OVERHANG W/ DOWN LIGHTING.
 - [21] BRAD-GUARD UNDER HOUSE VENTS. RATED FOR EXTERIOR WILDFIRE EXPOSURE. PROVIDE FOUNDATION VENTS AT A MINIMUM OF 1 SQ. FT. FOR EACH 150 SQ. FT. OF UNDER FLOOR AREA. DISTRIBUTE EQUAL AROUND PERIMETER OF STRUCTURE
 - [22] LACANTINA BIFOLD WINDOW. TO BE CONFIRMED WITH OWNER
 - [23] GARAGE DOOR 16'X8' SECTIONAL. BLACK ANODIZED ALUMINUM FRAME WITH ETCHED TEMPERED GLASS. WUI COMPLIANT
 - [24] UNDER FLOOR ACCESS 22"x30" MINIMUM
 - [36] ELECTRICAL UNDERGROUND ENTRY / METER
 - [37] RAISED PLANTERS
- COPPER Z BAR FLASHING ABOVE ALL DOOR AND WINDOWS.
- USE LOW/NO VOC PAINT FOR ALL EXTERIOR AND INTERIOR PAINTING.
- SLOPE GRADE AWAY FROM FOUNDATIONS AT A MINIMUM OF 5% FOR 10'
- PER CENC ALL JOINTS, PENETRATIONS, AND OTHER OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED TO LIMIT INFILTRATION AND EXFILTRATION.

PRODUCTS SENSITIVE TO ADVERSE WEATHER SHALL NOT BE INSTALLED UNTIL ADEQUATE WEATHER PROTECTION FOR THE INSTALLATION IS PROVIDED. EXTERIOR SHEATHING SHALL BE DRY BEFORE APPLYING EXTERIOR COVER.

R703.4 FLASHING. APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. SELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. FLUID-APPLIED MEMBRANES USED AS FLASHING IN EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH. APPROVED CORROSION-RESISTANT FLASHINGS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS.

1. EXTERIOR WINDOW AND DOORS OPENINGS. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER RESISTIVE BARRIER COMPLYING WITH SECTION 703.2 FOR SUBSEQUENT DRAINAGE. MECHANICALLY ATTACHED FLEXIBLE FLASHINGS SHALL COMPLY WITH AAMA 712. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL BE INSTALLED IN ACCORDANCE WITH ONE OR MORE OF THE FOLLOWING.

1.1 THE FENESTRATION MANUFACTURERS INSTALLATION AND FLASHING INSTRUCTIONS. OR FOR APPLICATIONS NOT ADDRESSED IN THE FENESTRATION MANUFACTURERS INSTRUCTIONS OR DETAILS ARE NOT PROVIDED, PAN FLASHING SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOW AND DOOR OPENINGS. PAN FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DIRECT WATER TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENINGS USING PAN FLASHING SHALL INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES.

WUI REQUIREMENTS

ALL EXTERIOR FINISHES TO BE NONCOMBUSTIBLE MATERIAL.
2.IGNITION-RESISTANT MATERIAL. THE IGNITION-RESISTANT MATERIAL SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION R337.4.2.
3.FIRE-RETARDANT-TREATED WOOD. THE FIRE-RETARDANT-TREATED WOOD SHALL BE LABELED FOR EXTERIOR USE AND SHALL MEET THE REQUIREMENTS OF SECTION 2303.2 OF THE CALIFORNIA BUILDING CODE.

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ELEVATIONS AS NOTED

A-8

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WEST
WITH GARAGE SHOWN
1/4"=1'



WEST
WITH GARAGE REMOVED FOR MORE CLARITY
1/4"=1'

RESIDENTIAL STAIRWAY AND HANDRAIL (5/4"x6") Vertical EPI Class A Fire Rated Siding

HANDRAIL HEIGHT, MEASURED ABOVE THE STAIR TREAD NOSING, SHALL BE UNIFORM, NOT LESS THAN 34" AND NOT MORE THAN 38"
HANDRAIL WITH CIRCULAR CROSS-SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 1 1/4" AND NOT GREATER THAN 2" OR SHOULD PROVIDE EQUIVALENT GRASP ABILITY.
HANDRAIL SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS, FROM THE TOP RISER TO THE BOTTOM
STAIRWAYS SHALL HAVE A MINIMUM HEADROOM CLEARANCE OF 80" MEASURED VERTICALLY FROM A LINE CONNECTING THE EDGE OF THE NOSING.

WIDTH. STAIRWAYS SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT AND BELOW THE REQUIRED HEADROOM HEIGHT. HANDRAILS SHALL NOT PROJECT MORE THAN 4.5" ON EITHER SIDE OF THE STAIRWAY AND THE MINIMUM CLEAR WIDTH OF THE STAIRWAY AT AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS, SHALL NOT BE LESS THAN 31.5" WHERE A HANDRAIL IS INSTALLED ON ONE SIDE AND 27" WHERE HANDRAILS ARE PROVIDED ON BOTH SIDES.

WALKLINE. THE WALKLINE ACROSS WINDER TREADS SHALL BE CONCENTRIC TO THE CURVED DIRECTION OF TRAVEL THROUGH THE TURN AND LOCATED 12" FROM THE SIDE WHERE THE WINDERS ARE NARROWER. THE 12" DIMENSION SHALL BE MEASURED FROM THE WIDEST POINT OF CLEAR STAIR WIDTH AT THE WALKING SURFACE OF THE WINDER. IF WINDERS ARE ADJACENT WITHIN THE FLIGHT, THE POINT OF THE WIDEST CLEAR STAIR WIDTH OF THE ADJACENT WINDERS SHALL BE USED.

LANDING REQUIREMENTS

EXTERIOR PORCHES SHALL BE PROVIDED WITH LANDINGS. THE WIDTH OF EACH LANDING SHALL NOT BE LESS THAN THE DOOR SERVED. EVERY LANDING SHALL HAVE A MINIMUM DIMENSION OF 36 INCHES MEASURED IN THE DIRECTION OF TRAVEL. EXTERIOR LANDINGS ARE PERMITTED TO HAVE A SLOPE NOT EXCEEDING 1/4 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2%). (CRC SEC. R311.3)
B EXTERIOR LANDINGS AT THE REQUIRED EGRESS DOOR SHALL NOT BE MORE THAN 1-1/2 INCHES LOWER THAN THE TOP OF THE THRESHOLD FOR THE OUTSWINGING DOOR AND MORE THAN 7-3/4 INCHES BELOW THE TOP OF THE THRESHOLD FOR THE INSWINGING DOOR. (CRC SEC.R311.3.1).

GUARD REQUIREMENTS

GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING MEZZANINES, EQUIPMENT PLATFORMS, AISLES, STAIRS, RAMPS AND LANDINGS THAT ARE LOCATED MORE THAN 30" MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36" HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.9.

526.4 SQ FT



EAST

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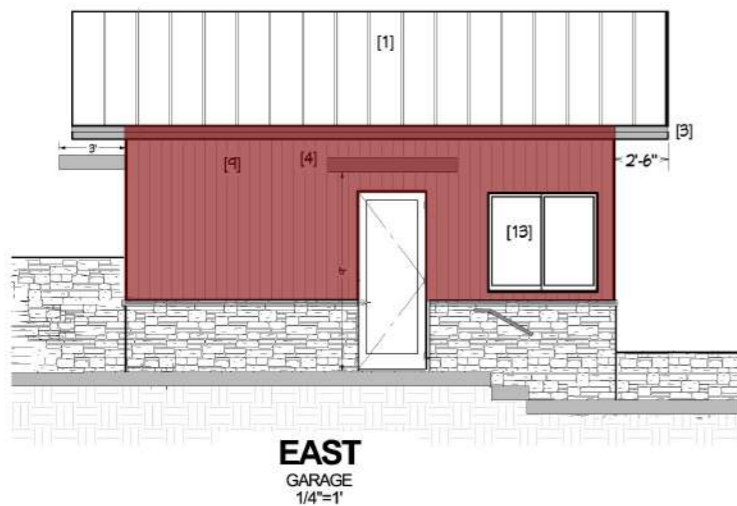
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A-9

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CEDAR EAVES

LISTING NO. 8160-2246:0500 CATEGORY: 8160 -- UNDER EAVE FOR WILDLAND URBAN INTERFACE (W.U.I) LISTEE: PANELTEK PRODUCTS LTD. 2885 WEST 34TH AVENUE, VANCOUVER, BC V6N 2J7 CANADA CONTACT: MAUREEN ZAVISLAK (604) 990-1941 EMAIL: MAUREEN@PANELTEKPRODUCTS.COM DESIGN: PANELTEK ENGINEERED CEDAR EXTERNAL SOFFIT FOR EXTERNAL USE IN WILDLAND URBAN INTERFACE AREAS. FINE GRAIN CEDAR LAMINATED TONGUE AND GROOVE SOFFIT PANELING BOARDS. NOMINAL 4" AND 6" WIDE, 19/32" THICK, 4' TO 7' LENGTHS, AND 8' TO 16' LENGTHS, FINGER JOINTED, EDGE GLUED CEDAR CORE. REFER TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PRODUCT DATA SHEETS.

OR

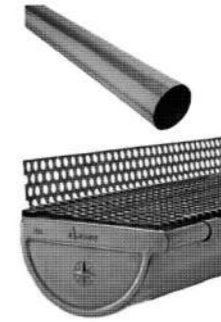
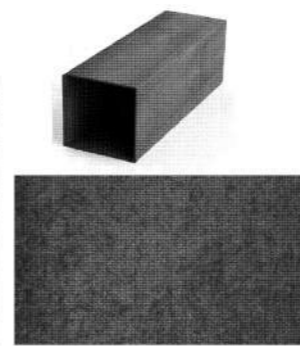
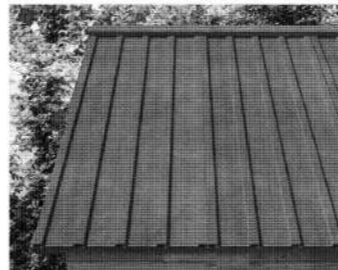
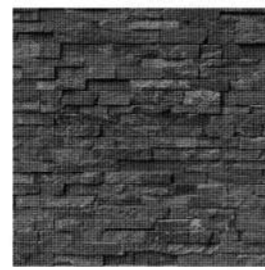
LISTING NO. 8160-2032:0004 CATEGORY: 8160 -- UNDER EAVE FOR WILDLAND URBAN INTERFACE (W.U.I) LISTEE: SHAKERTOWN 1200 KERRON STREET, WINLOCK, VA 98596 CONTACT: MARK RUTLEDGE (360) 785-3501 FAX (360) 785-3076 EMAIL: MARK@SHAKERTOWN.COM DESIGN: SHAKERTOWN@ DOLLY VARDEN TONGUE & GROOVED, EXTERIOR CEDAR SOFFIT PANELING, 4" AND 6" NOMINAL WIDTH, 8', 10', 12' LENGTHS, 1" NOMINAL THICKNESS (11/16" TRUE THICKNESS) EXPOSURE SIDING PRODUCT, WESTERN RED CEDAR AND FIR BONDED INTO 7 PLY PANEL. FOR HORIZONTAL INSTALLATION ONLY. REFER TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PRODUCT DATA SHEETS.

FACIA

LISTING NO. 2520-1701:0100 CATEGORY: 2520 -- TREATED LUMBER LISTEE: HOOVER TREATED WOOD PRODUCTS, INC. 154 WIRE ROAD, THOMSON, GA. 30824 CONTACT: CHRIS ATHARI (706) 595-6600 EMAIL: CATHARI@FRTW.COM DESIGN: TREATED LUMBER WITH EXTERIOR FIRE X. PRODUCTS ARE PRESSURE IMPREGNATED WITH "EXTERIOR FIRE X" FIRE RETARDANT CHEMICAL. EXTERIOR FIRE X COVERS THE FOLLOWING TYPES OF LUMBER: DOUGLAS FIR, SOUTHERN YELLOW PINE, WESTERN RED CEDAR, AND REDWOOD LUMBER. REFER TO LISTEE'S PRINTED INSTALLATION INSTRUCTIONS FOR ADDITIONAL DETAILED PRODUCT DESCRIPTION AND CONSTRUCTIONS. RATING: TESTED TO ASTM E84 WITH AN ADDITIONAL 20 MINUTES AND ASTM D2898. DOUGLAS FIR: 15 FLAME SPREAD; 30 SMOKE DEVELOPED SOUTHERN YELLOW PINE: 15 FLAME SPREAD; 50 SMOKE DEVELOPED WESTERN RED CEDAR: 10 FLAME SPREAD; 30-105 SMOKE DEVELOPED REDWOOD: 10 FLAME SPREAD; 10-115 SMOKE DEVELOPED

(5/4"x6") Vertical EPI Class A Fire Rated Siding

687.7 SQ FT



INSPIRATION

DOORS

NO.	DESCRIPTION	MANUFACTURE	GLASS	TYPE	FINISH	U-FAC
001	ext. 4x8 Double Glass Panel	La Cuesta	AL GLASS TEMPERED	Yes	1.50"	0.5
002	OVERHEAD SECTIONAL	TECO	ELECTRIC DOOR OPENER	Yes	1.50"	0.5
003	ext. 4x8 Double Glass Panel	La Cuesta	AL GLASS TEMPERED	Yes	1.50"	0.5
004	ext. 4x8 Double Glass Panel	La Cuesta	AL GLASS TEMPERED	Yes	1.50"	0.5
005	Highway Glass Panel		OBSCURE GLASS	Yes	1.50"	0.5
006	Highway Gate				1.50"	0.5
007	Blind Glass Panel		SOFT CLOSE HANDWARE OBSCURE GLASS	Yes	1.50"	0.5
008	ext. Highway Glass Panel	ANDERSON	AL GLASS TEMPERED	Yes	1.50"	0.5
009	Highway Glass Panel				1.50"	0.5
010	Highway Gate				1.50"	0.5
011	Blind Glass Panel		SOFT CLOSE HANDWARE OBSCURE GLASS	Yes	1.50"	0.5
012	ext. Highway Glass Panel	ANDERSON	AL GLASS TEMPERED	Yes	1.50"	0.5
013	Blind Glass Panel		SOFT CLOSE HANDWARE OBSCURE GLASS	Yes	1.50"	0.5
014	ext. Highway Glass Panel	ANDERSON	AL GLASS TEMPERED	Yes	1.50"	0.5
015	ext. Highway Glass Panel	ANDERSON	AL GLASS TEMPERED	Yes	1.50"	0.5
016	ext. Highway Glass Panel	ANDERSON	AL GLASS TEMPERED	Yes	1.50"	0.5
017	Blind Glass Panel		SOFT CLOSE HANDWARE	Yes	1.50"	0.5
018	ext. Double Highway Glass Panel	ANDERSON	AL GLASS TEMPERED	Yes	1.50"	0.5
019	ext. Double Highway Glass Panel	CUSTOM		Yes	1.50"	0.5

DOOR NOTES

Contractor shall verify openings prior to ordering and prior to construction with owner and manufacture.
 Contractor shall use copper head flashing with other flashing materials and with techniques to provide a weather tight project at entrance doors.
 Contractor shall verify compliance with title 24 energy forms prior to ordering.
 Contractor shall verify compliance with egress prior to ordering.
 Contractor shall verify wall thickness for unit depth requirements prior to ordering.
 Contractor shall verify WITH OWNER make and model type, operation, direction, hardware, finish, threshold, size, etc. prior to ordering.
 All exterior doors shall be fully weather stripped and type to be verified with owners.
 All doors with glazing shall be tempered glazing.
 Contractor shall use copper door pan and recess all exterior door thresholds flush with interior finish floor.

Exterior doors shall comply with one of the following:

- The exterior surface or cladding shall be of noncombustible material.
 - The exterior surface or cladding shall be of ignition resistant material.
 - The exterior door shall be constructed of solid core wood that complies with the following requirements:
 - Stiles and rails shall not be less than 13/8 inches thick.
 - Panels shall not be less than 1 1/4 inches thick, except for the exterior perimeter of the panel that shall be permitted to taper to a tongue not less than 3/8 inch thick.
 - The exterior door assembly shall have a fire-resistance rating of not less than 20 minutes when tested according to NFPA 252.
 - The exterior surface or cladding shall be tested to meet the performance requirements of Section 707A.3.1 when tested in accordance with ASTM E2707.
 - The exterior surface or cladding shall be tested to meet the performance requirements of SFM Standard 12-7A-1.
- 708A.3.1 Exterior Door Glazing
 Glazing in exterior doors shall comply with Section 708A.2.1.

THRESHOLDS OF ALL EXTERIOR DOORS TO BE FLUSH WITH INTERIOR FINISHED FLOOR.

ALL EXTERIOR DOOR OPENINGS TO HAVE A COPPER DOOR PAN AND COPPER HEAD FLASHING.

DO NOT REMOVE NFRC LABELS FROM WINDOWS AND DOORS UNTIL FIELD VERIFICATION IS COMPLETE

Refer to T-24 for U-factor and other energy requirements.

••••• (1.16x5)	1.0	●
••••• (1.5x8)	1.0	●
••••• (2x8)	2.0	●
••••• (2.67x8)	7.0	●
••••• (3x8)	7.0	●
••••• (3.91x8)	1.0	●
••••• (5.33x8)	1.0	●
••••• (7x8)	1.0	●

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DOOR SCHEDULE

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