

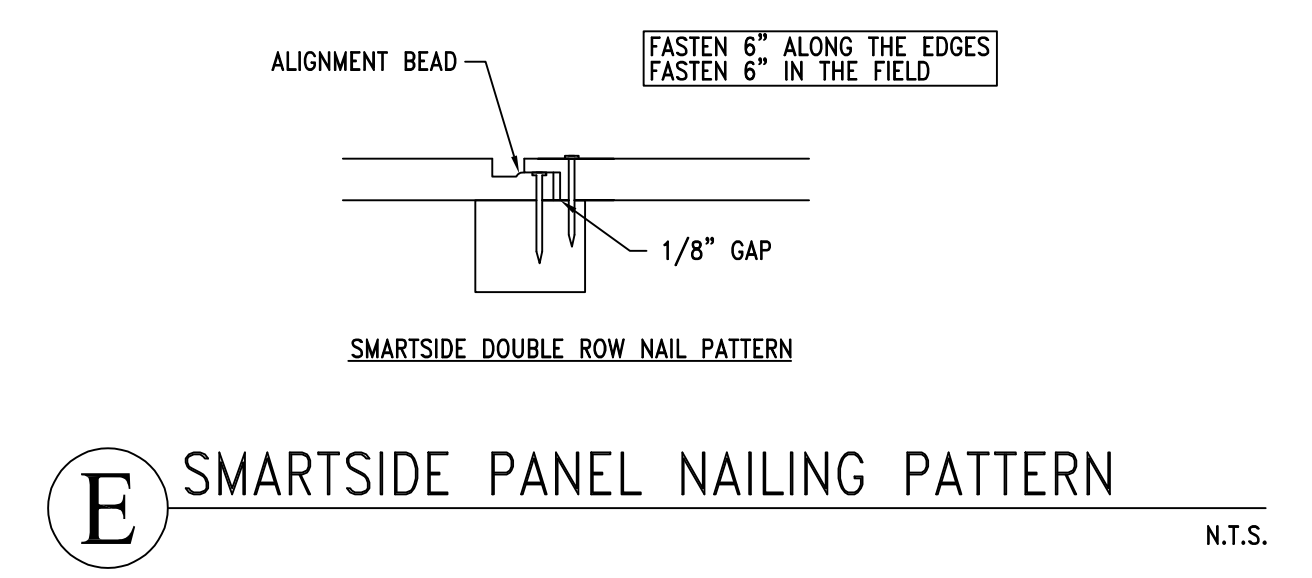




AOR: AARON BROWN  
 MO #: A-7215  
 4334 QUARTER HORSE LANE  
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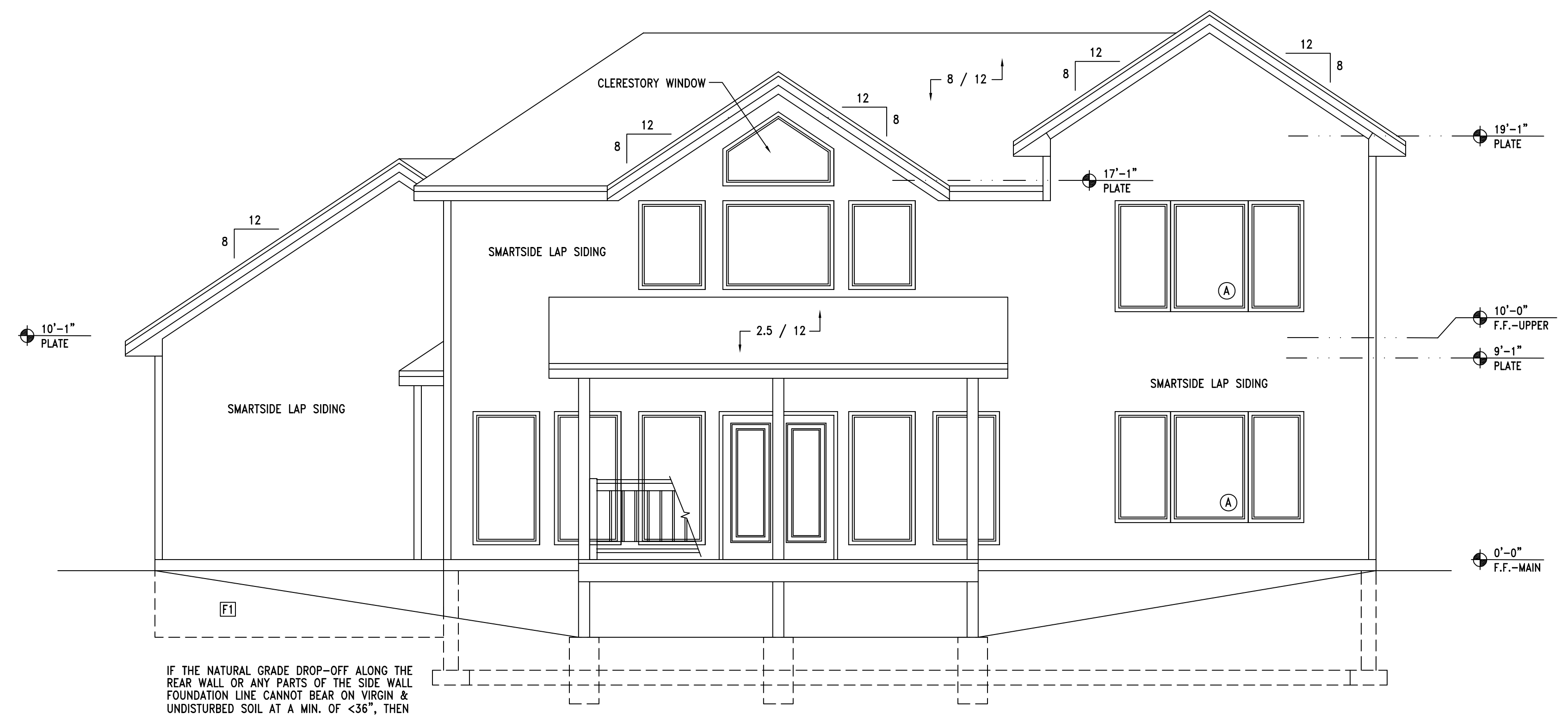
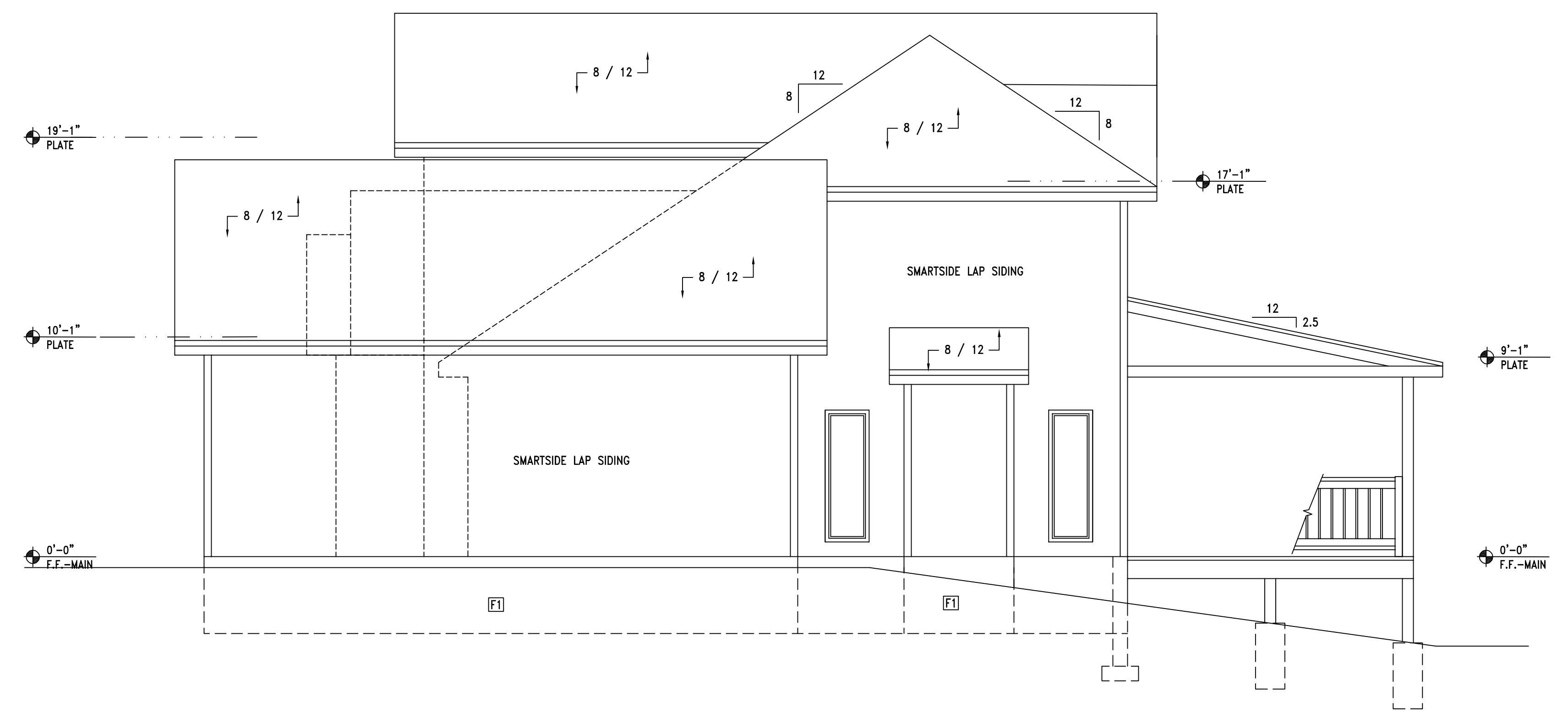
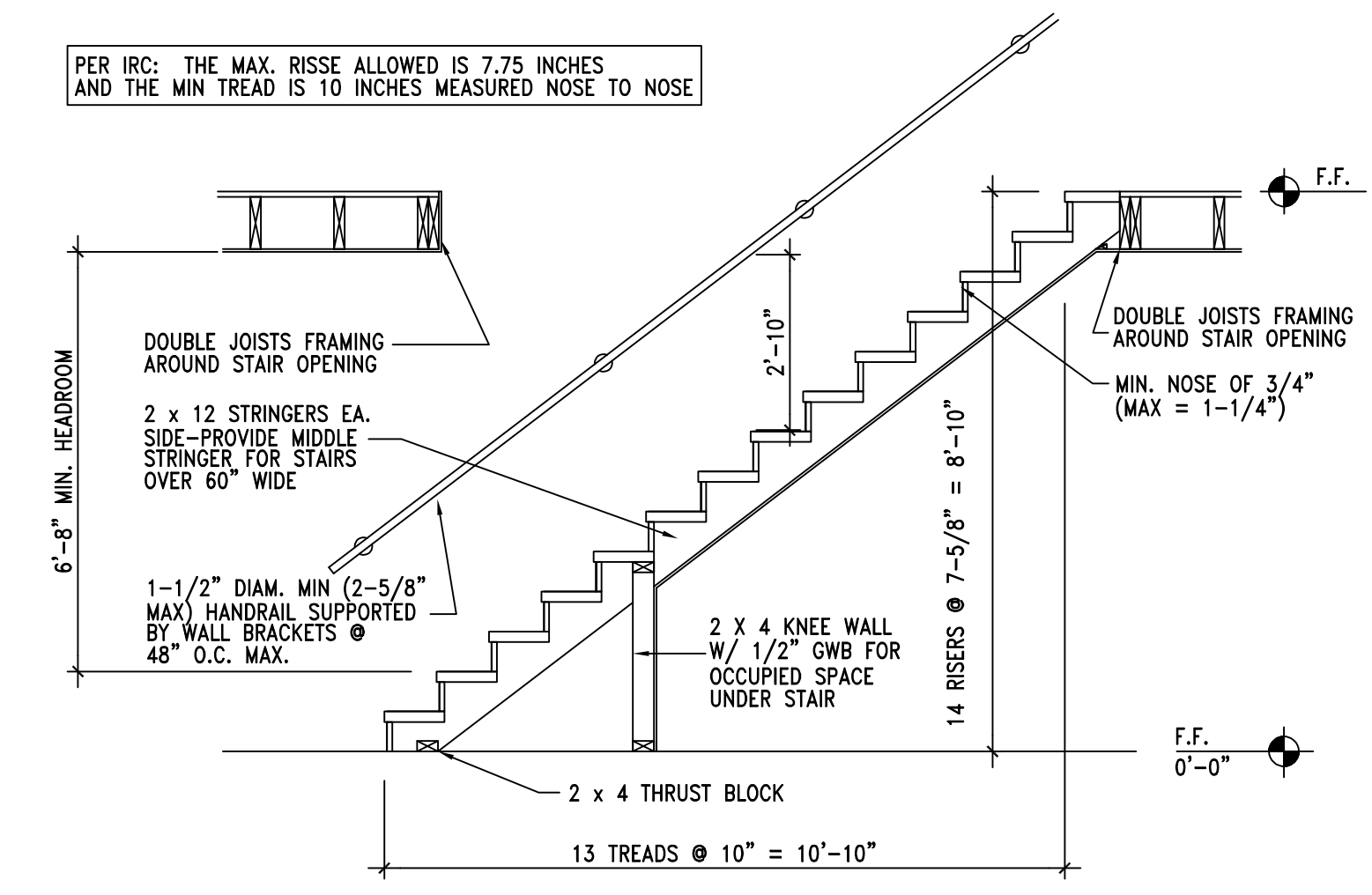
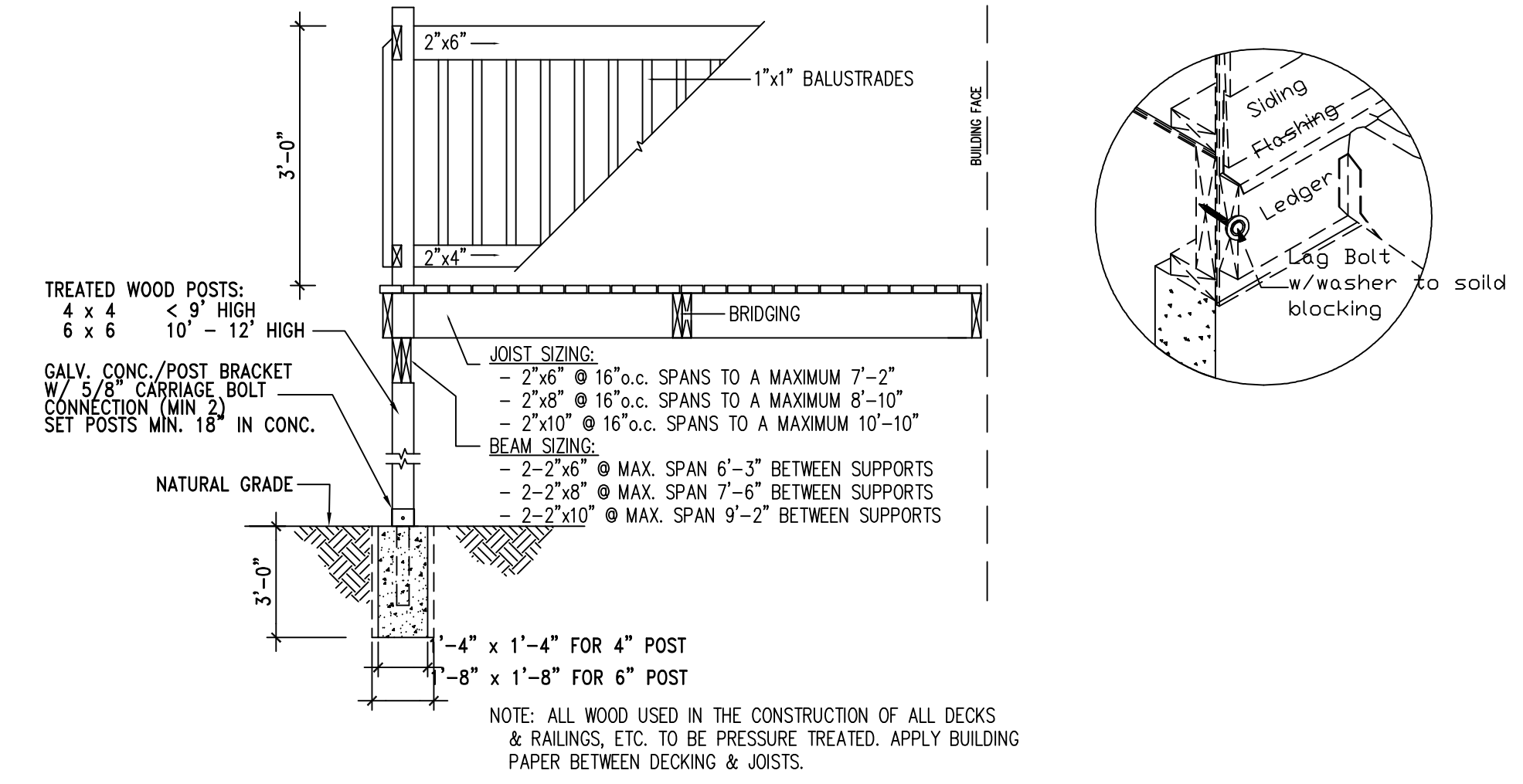
EMERGENCY ESCAPE WINDOWS-  
 44" MAX. TO LOWEST PORTION  
 & MIN. 5.7 SQUARE FEET OF  
 WINDOW OPENING

EAGLE 1 CONSTRUCTION  
 LAKEHOUSE # 8



**NOTE:**  
 - WHERE ADJACENT GRADE IS 2'-0" OR LESS  
 A GUARD IS NOT REQUIRED.  
 - DECK DESIGN LOAD IS BASED ON 100 lb./sq. ft.  
 AS PER NATIONAL BUILDING CODE.  
 - WHERE JOIST SPAN EXCEEDS 7'-0", PROVIDE  
 BRIDGING @ MID-SPAN (AS SHOWN)

**DECK LEDGER ATTACHMENT**  
 1. (2) LAGS REQUIRED AT EA. END 2" FROM ENDS  
 2. PROVIDE 1 x 4 TREATED SPACED BEHIND EA. LAG  
 3. PROVIDE LAGS IN EA. JOIST SPACE W/ (2) EVERY  
 OTHER SPACE, 2" FROM EDGES  
 4. MIN. SIZE LAG IS 1/2" DIAM x 6" LENGTH  
 5. PROVIDE FLASHING BETWEEN RIM JOIST & LEDGER



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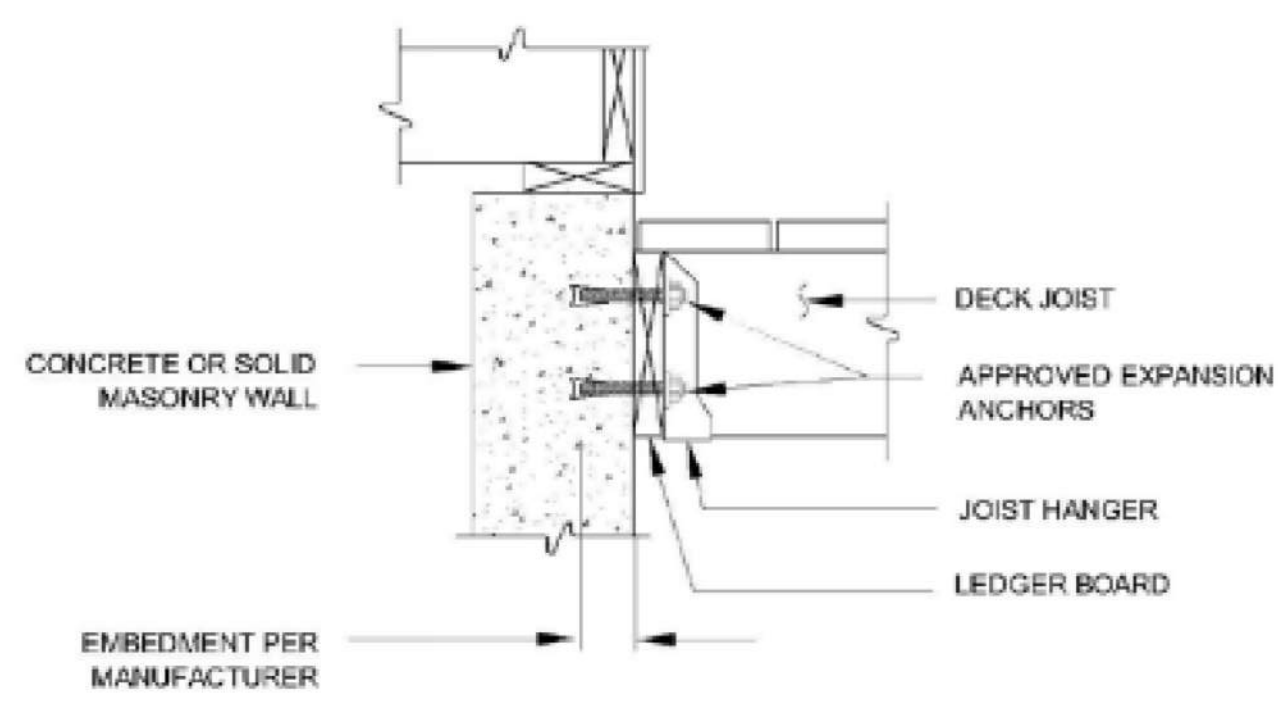
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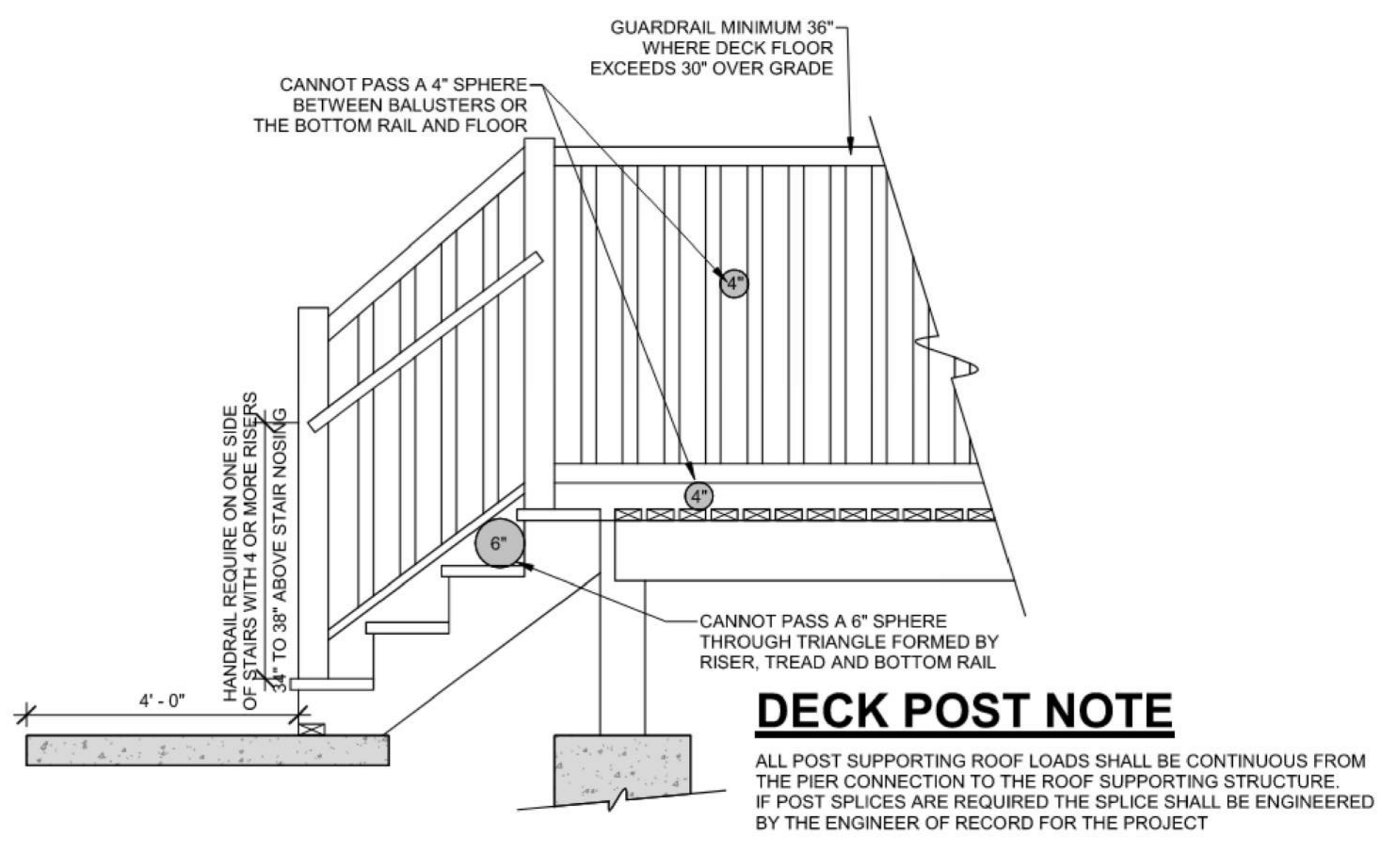


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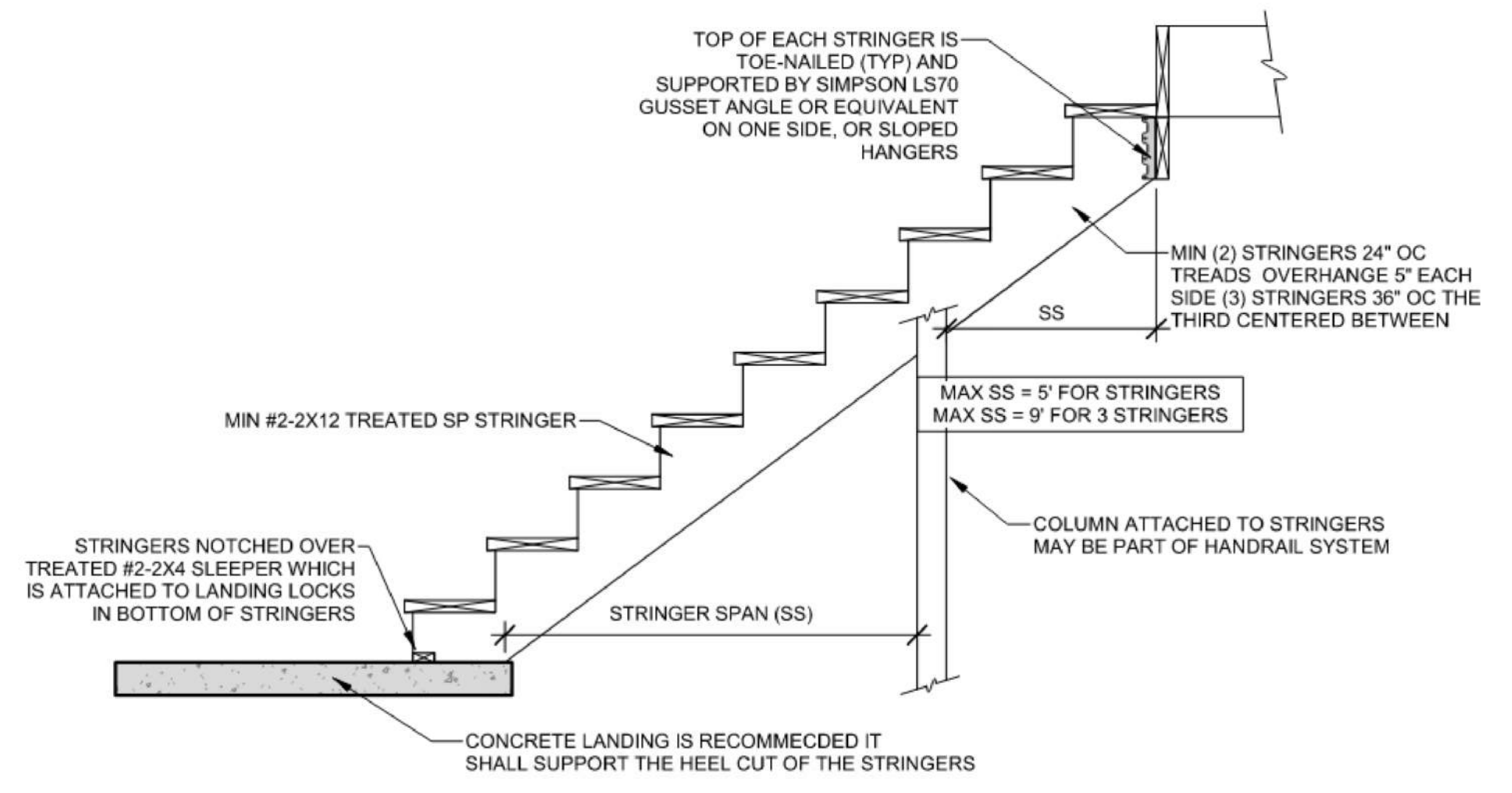


**FIGURE R507.8.3**  
**LEDGER BOARD TO HOLLOW MASONRY FOUNDATION WALL ATTACHMENT**

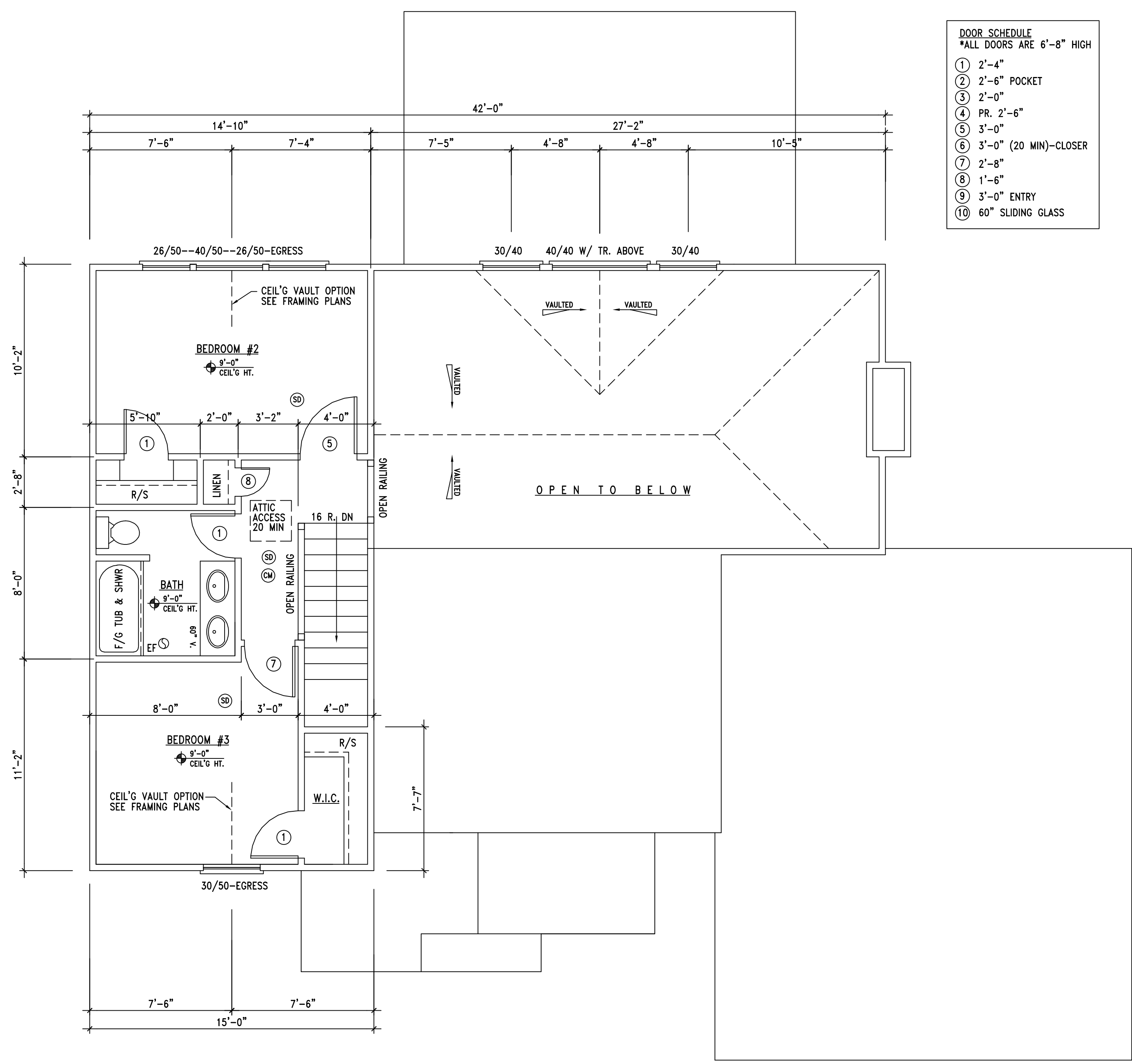
**D LEDGER ATTACHMENT TO CONCRETE**  
 N.T.S.



**C GUARDRAIL/HANDRAIL REQUIREMENTS**  
 N.T.S.



**B STAIR STRINGER REQUIREMENTS**  
 N.T.S.



**DOOR SCHEDULE**  
 \*ALL DOORS ARE 6'-8" HIGH

1	2'-4"
2	2'-6" POCKET
3	2'-0"
4	PR. 2'-6"
5	3'-0"
6	3'-0" (20 MIN)-CLOSER
7	2'-8"
8	1'-6"
9	3'-0" ENTRY
10	60" SLIDING GLASS

**A UPPER LEVEL FLOOR PLAN**  
 1/4" = 1'-0"

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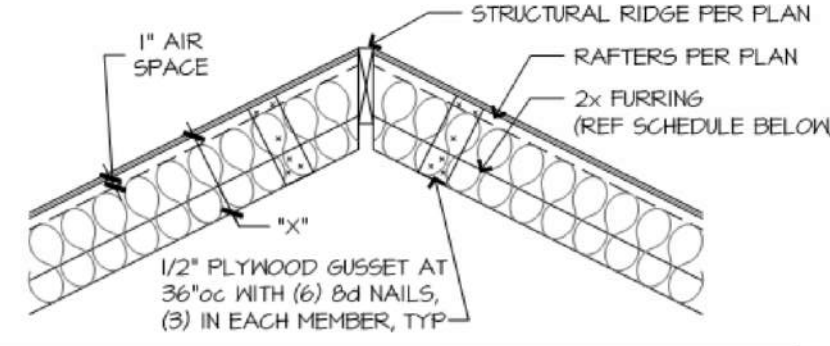




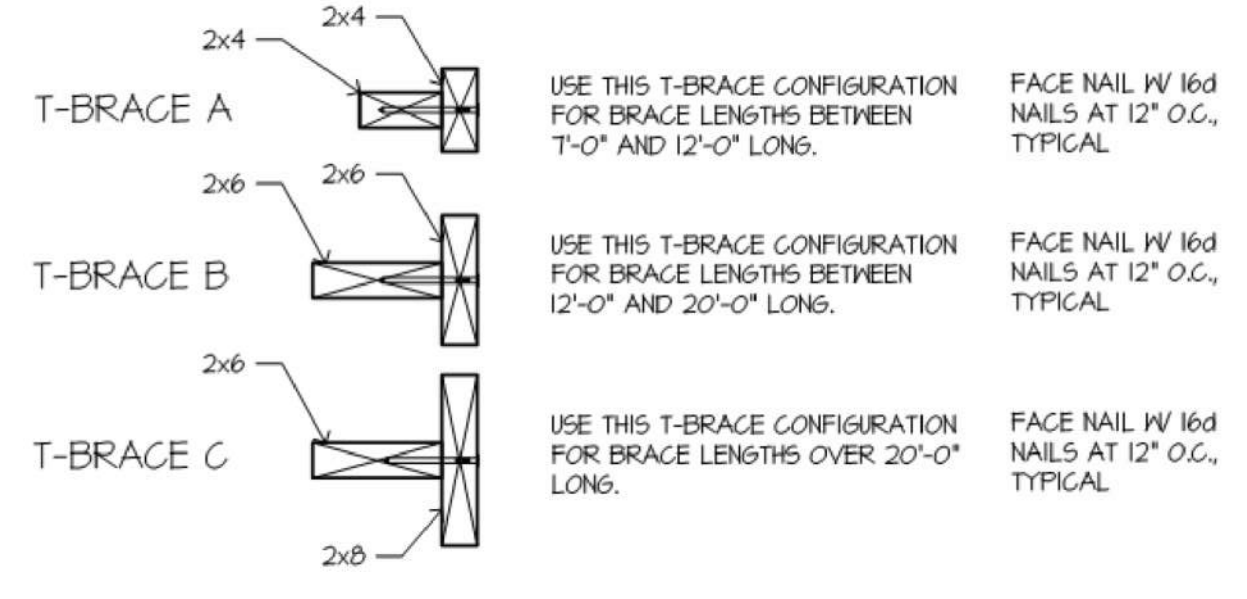
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### ROOF RAFTER SCHEDULE

GRADE	MEMBER SIZE / SPACING	MAX SPAN CEILING JOISTS AT TOP PLATE	MAX SPAN $H_c/H_r=0.16$	MAX SPAN $H_c/H_r=0.20$	MAX SPAN $H_c/H_r=0.25$	MAX SPAN $H_c/H_r=0.33$
#2 DFL	2x6 / 16"oc	14'-1"	12'-8"	11'-8"	10'-4"	9'-5"
#2 DFL	2x8 / 16"oc	18'-2"	16'-4"	15'-1"	13'-9"	12'-2"
#2 DFL	2x10 / 16"oc	22'-3"	20'-0"	18'-5"	16'-8"	14'-8"
#2 DFL	2x12 / 16"oc	25'-4"	23'-2"	21'-4"	19'-7"	17'-3"



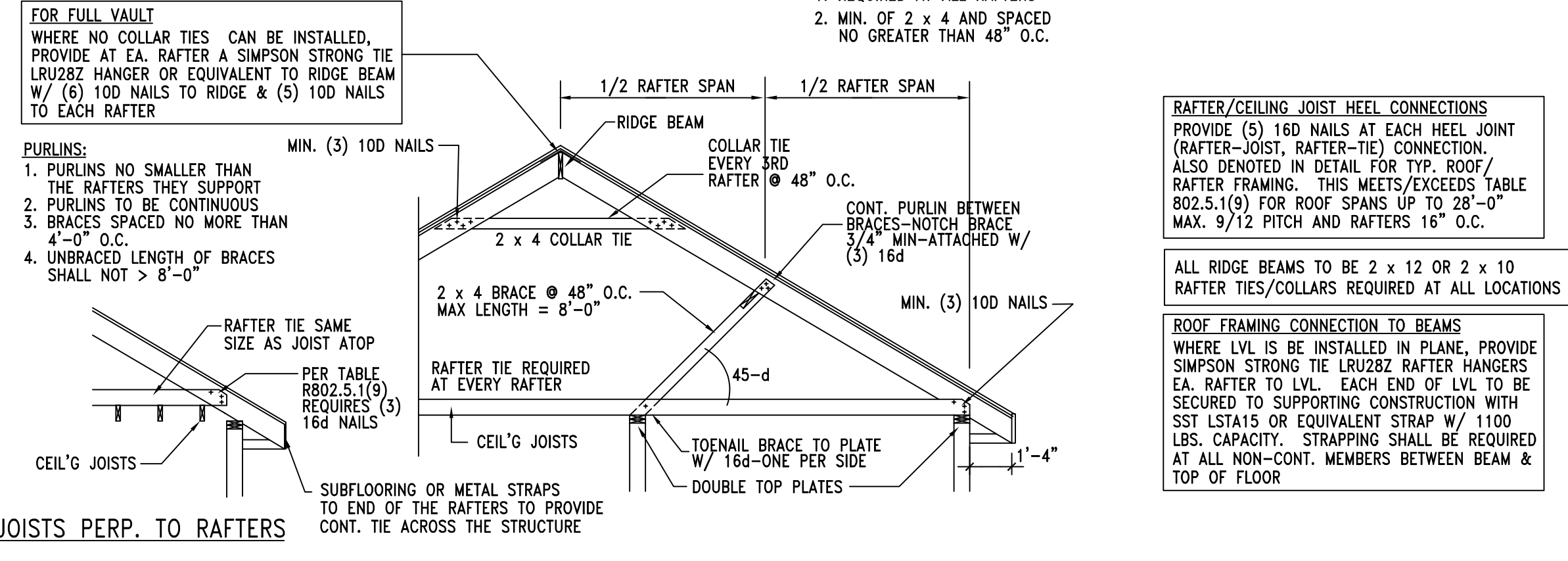
FURR OUT SCHEDULE		
RAFTER SIZE	R-30C INSULATION ( $R=9\frac{1}{2}$ )	R-30C INSULATION ( $R=11\frac{1}{2}$ )
2x6	2x6	2x6
2x8	2x4	2x6
2x10	NOT REQUIRED	2x4
2x12	NOT REQUIRED	NOT REQUIRED



**CEILING JOISTS AND RAFTER CONNECTIONS**  
 CEILING JOISTS AND RAFTERS SHALL BE TIED TO ONE ANOTHER PER TABLES R602.5(1) AND R802.5.1(9) AND THE ASSEMBLY SHALL BE NAILED TO THE TOP PLATE PER R602.3(1)  
 CEILING JOIST NOT PARALLEL TO RAFTERS USE SUBFLOORING OR METAL STRAPS ATTACHED TO END OF THE RAFTERS TO PROVIDE A CONT. TIE ACROSS THE STRUCTURE

**TIE DOWN REQUIREMENTS (R802.11)**  
 FOR RAFTER SPANS OVER 20'-0" INTERPOLATING TABLE 802.11 PROVIDE RATER TIE-DOWNS CAPABLE OF RESISTING OVER 226 POUNDS AT EACH RAFTER  
 PER TABLE R802.5.1(2) THE MAX RAFTER SPAN FOR D.F.L. 2 x 6 RAFTERS #2 GRADE = 14'-1" AND IS THE BASIS OF DESIGN FOR PURLIN PLACEMENT

**RAFTER TIES:**  
 1. REQUIRED AT ALL RAFTERS  
 2. MIN. OF 2 x 4 AND SPACED NO GREATER THAN 48" O.C.



**RAFTER/CEILING JOIST HEEL CONNECTIONS**  
 PROVIDE (5) 16d NAILS AT EACH HEEL JOINT (RAFTER-JOIST, RAFTER-TIE) CONNECTION. ALSO DENOTED IN DETAIL FOR TYP. ROOF/RAFTER FRAMING. THIS MEETS/EXCEEDS TABLE 802.5.1(9) FOR ROOF SPANS UP TO 28'-0" MAX. 9/12 PITCH AND RAFTERS 16" O.C.

ALL RIDGE BEAMS TO BE 2 x 12 OR 2 x 10 RAFTER TIES/COLLARS REQUIRED AT ALL LOCATIONS

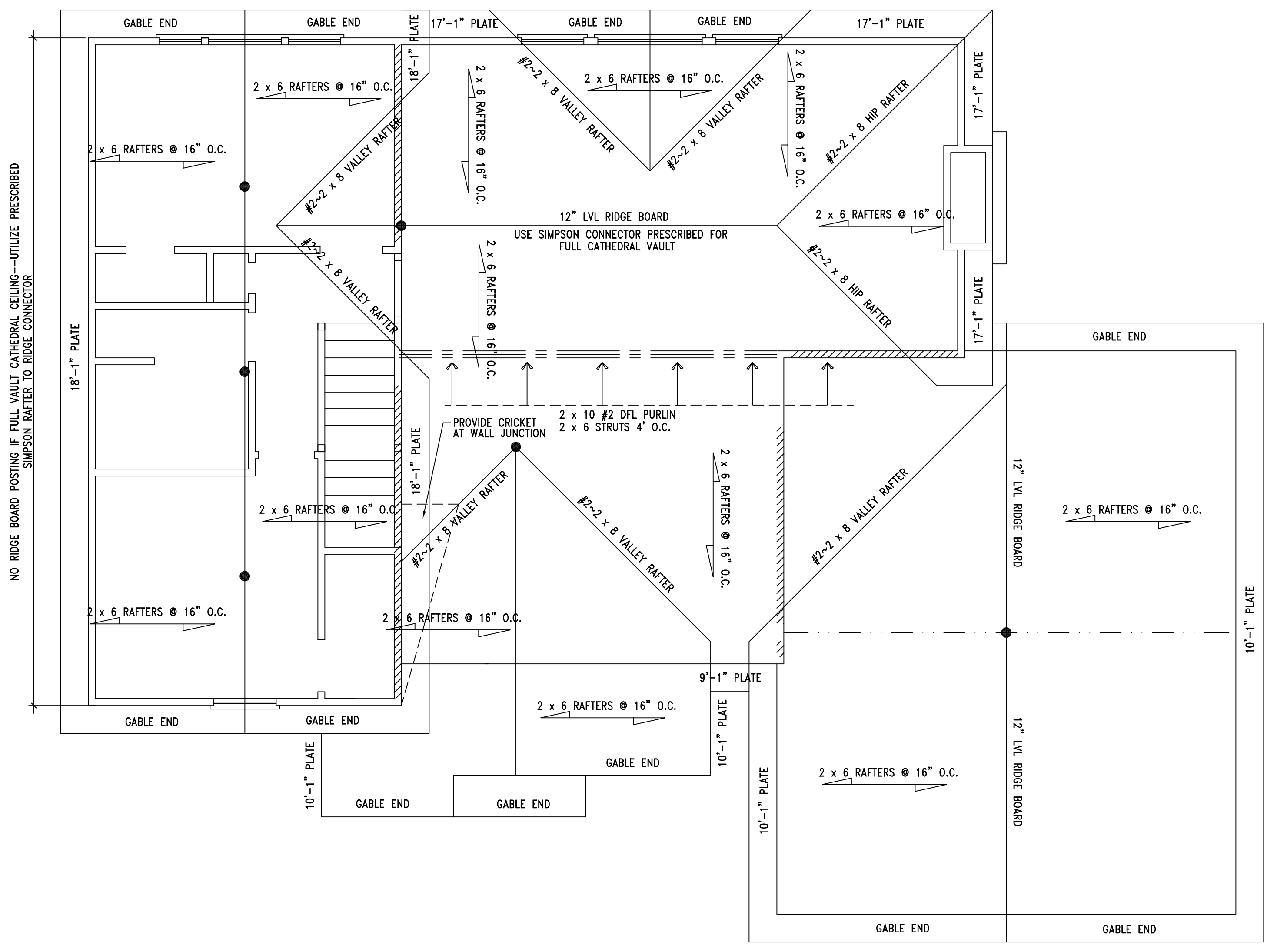
**ROOF FRAMING CONNECTION TO BEAMS**  
 WHERE LVL IS INSTALLED IN PLANE, PROVIDE SIMPSON STRONG TIE LRU28Z RAFTER HANGERS EA. RAFTER TO LVL. EACH END OF LVL TO BE SECURED TO SUPPORTING CONSTRUCTION WITH SST LSTA15 OR EQUIVALENT STRAP W/ 1100 LBS. CAPACITY. STRAPPING SHALL BE REQUIRED AT ALL NON-CONT. MEMBERS BETWEEN BEAM & TOP OF FLOOR

**D** FUR DOWN RAFTER REQUIREMENTS

N.T.S.

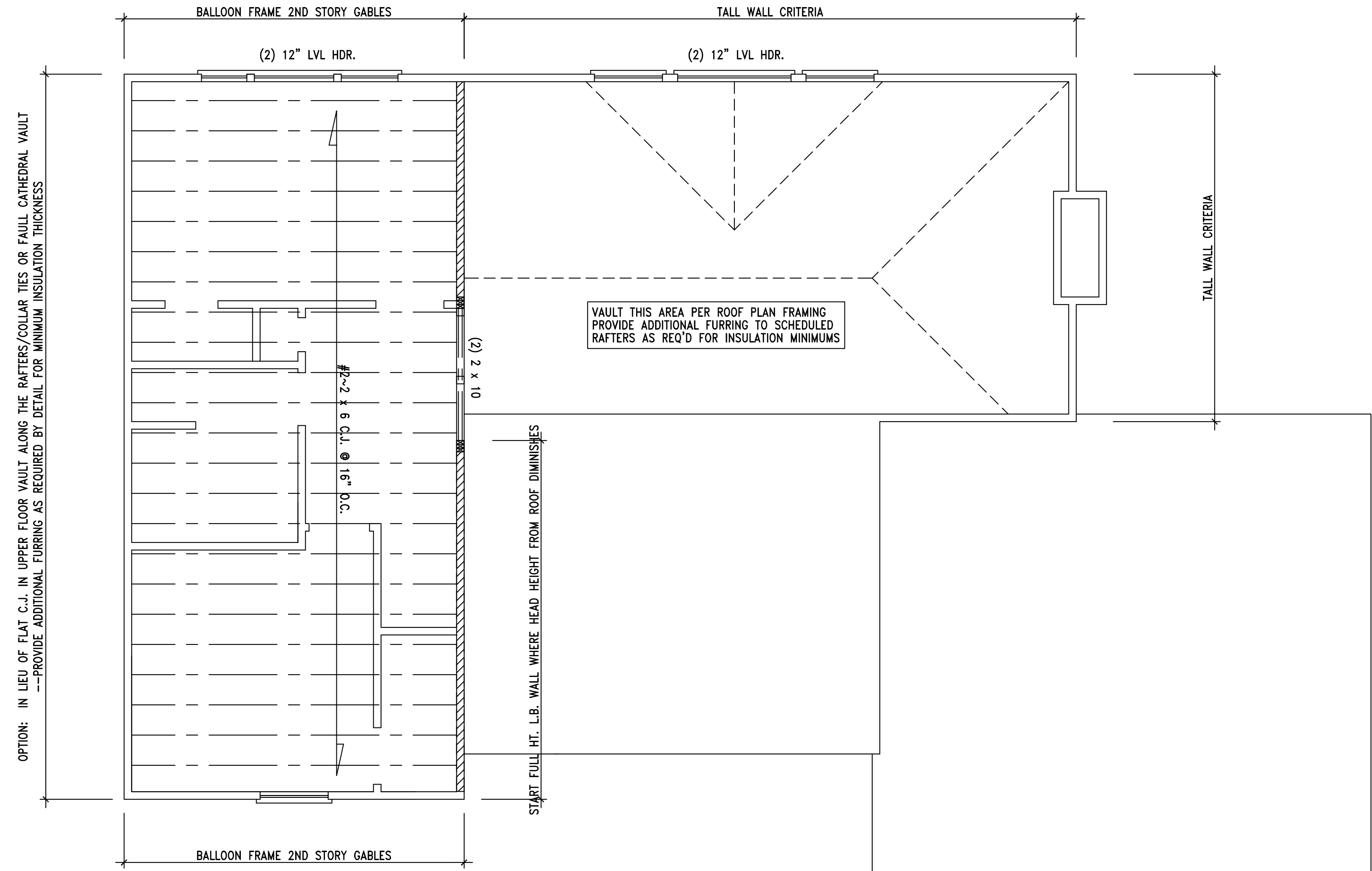
**C** TYP. ROOF/RAFTER FRAMING

N.T.S.



**B** ROOF FRAMING PLAN

1/4" = 1'-0"



**A** UPPER LEVEL FRAMING PLAN

1/4" = 1'-0"

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GENERAL NOTES AND REQUIREMENTS

GENERAL CONTRACTOR RESPONSIBILITIES

- 1. TEMPORARY STABILITY, INCLUDING GROUND SUPPORTS FOR ALL STRUCTURAL FRAMING SHALL BE THE RESPONSIBILITY OF THE FRAMING SUB AND THE GC PER THE KNOWN INDUSTRY BEST PRACTICES AND STANDARDS OF CARE AND/OR PER SPECIFIC INFORMATION ON THE DRAWINGS OR PER MANUFACTURER'S RECOMMENDATIONS.

GENERAL WOOD FRAMING, FLOORS AND ROOF NOTES

- 1. ALL STRUCTURAL LUMBER (RAFTERS, CEILING JOISTS, FLOOR JOISTS, PURLINS, HEADERS AND STUD WALL FRAMING) SHALL BE DOUGLAS FIR #2 GRADE OR BETTER U.N.O. ON DRAWINGS.

GENERAL CONCRETE & FOUNDATION NOTES

- 1. ALL FOOTINGS AND PIERS SHALL BEAR CONSISTENTLY ON ORIGINAL AND UNDISTURBED SOIL AND SHALL BE CAPABLE OF SUPPORTING 1,500 PSF WITHOUT UNDUE SETTLEMENT OR HEAVING.

ELECTRICAL SYSTEMS NOTES

- 1. PROVIDE UPFER GROUND ENCASED IN CONCRETE FOOTING IN ACCORDANCE WITH IRC 3608.1

GYPSUM BOARD:

- 1. G.B. APPLIED TO CEILING SHALL BE 16" WHEN FRAMING MEMBERS ARE 16" O.C. OR 5/8" WHEN MEMBERS ARE 24" O.C. OR USE 1/2" SAG-RESISTANT GYPSUM CEILING BOARD



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STEEL COLUMNS & OTHER BASEMENT/FOUNDATION NOTES
1. ALL STEEL PIPE COLUMNS TO BE 3" (OR 3-1/2") SCHEDULE 40 GRADE
PHYSICAL SECURITY ORDINANCE
1. OWNER/BUILDER IS RESPONSIBLE FOR COMPLIANCE OF PHYSICAL SECURITY ORDINANCE FOR THEIR LOCAL JURISDICTION

PROJECT SPECIFIC SPECIFICATIONS
1. ALL FINISHED FLOOR SLABS SHALL POWER POWER SCREEDED AND HAND TRIMMED WITH A STEEL TROWEL, SMOOTH FINISH

2. ALL WINDOWS SHALL BE TRIPLE PANE, WIND BORNE DEBRIS RESISTANT TO 115 MPH GUST THERMALLY BROKEN FRAMES W/ LOW-E GLASS. METAL VINYL OR WOOD FRAME TYPE SHALL BE A DECISION BY THE HOMEOWNER WITH COST COMPARISONS PROVIDED BY THE GC

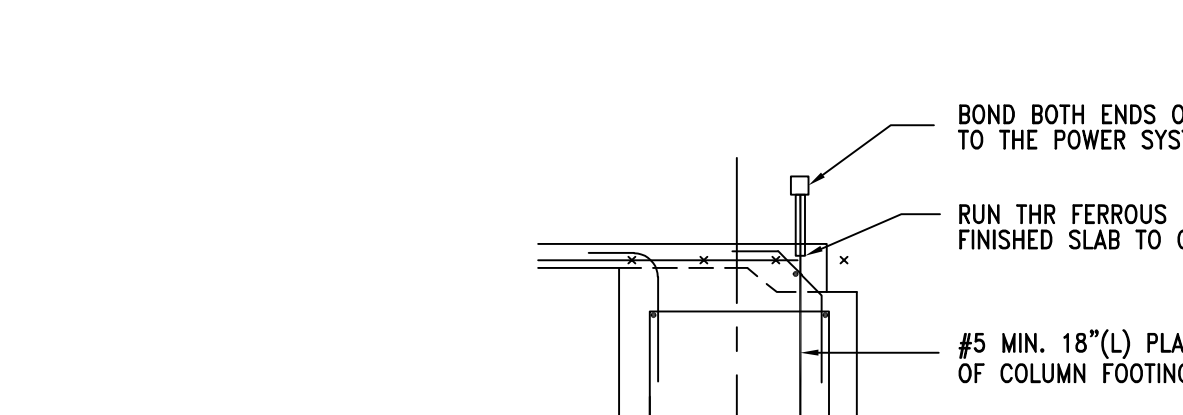
3. ALL INTERIOR AND EXTERIOR DOOR STYLES, ACCESSORIES, TRIM, ETC. SHALL BE SELECTED BY THE HOMEOWNER WITH COST COMPARISON INFORMATION PROVIDED BY THE GC
4. INSULATION VALUES, THICKNESSES AND/OR TYPES SHOWN ON THE DRAWINGS ARE THE CODE MINIMUM. THE OWNER MAY ELECT TO EXCEED THESE VALUES AT HIS DISCRETION. COST COMPARISON INFORMATION SHALL BE PROVIDED TO THE OWNER.

5. UTILIZE CONTINUOUS RIGID VENTS IN ALL AREA WHERE FULL VAULTING OF THE INTERIOR SPACE BELOW IS NOT USED.
6. ALL INTERIOR FINISHES ARE SELECTED BY THE OWNER INCLUDING BUT NOT LIMITED TO:
A. PAINTING
B. FLOORING
C. BASE
D. CEILING

7. SMARTSIDE FIBER CEMENT SIDING BASIS OF DESIGN IS 76 SERIES SMART LOCK CEDAR TEXTURE - 7.84-INCH WIDTH x .375-INCH THICKNESS, PRIMED FINISH
8. SMARTSIDE CEDAR TEXTURE SHAKE SIDING BASIS OF DESIGN, 11.69-INCH WIDTH x .375-INCH THICKNESS, PRIMED FINISH
9. SMARTSIDE TRIMS AND FASCIA BASIS OF DESIGN IS 440 SERIES CEDAR CEDAR TEXTURED, SPECIFIED WIDTHS PER DRAWINGS X .625-INCH THICKNESS, PRIMED

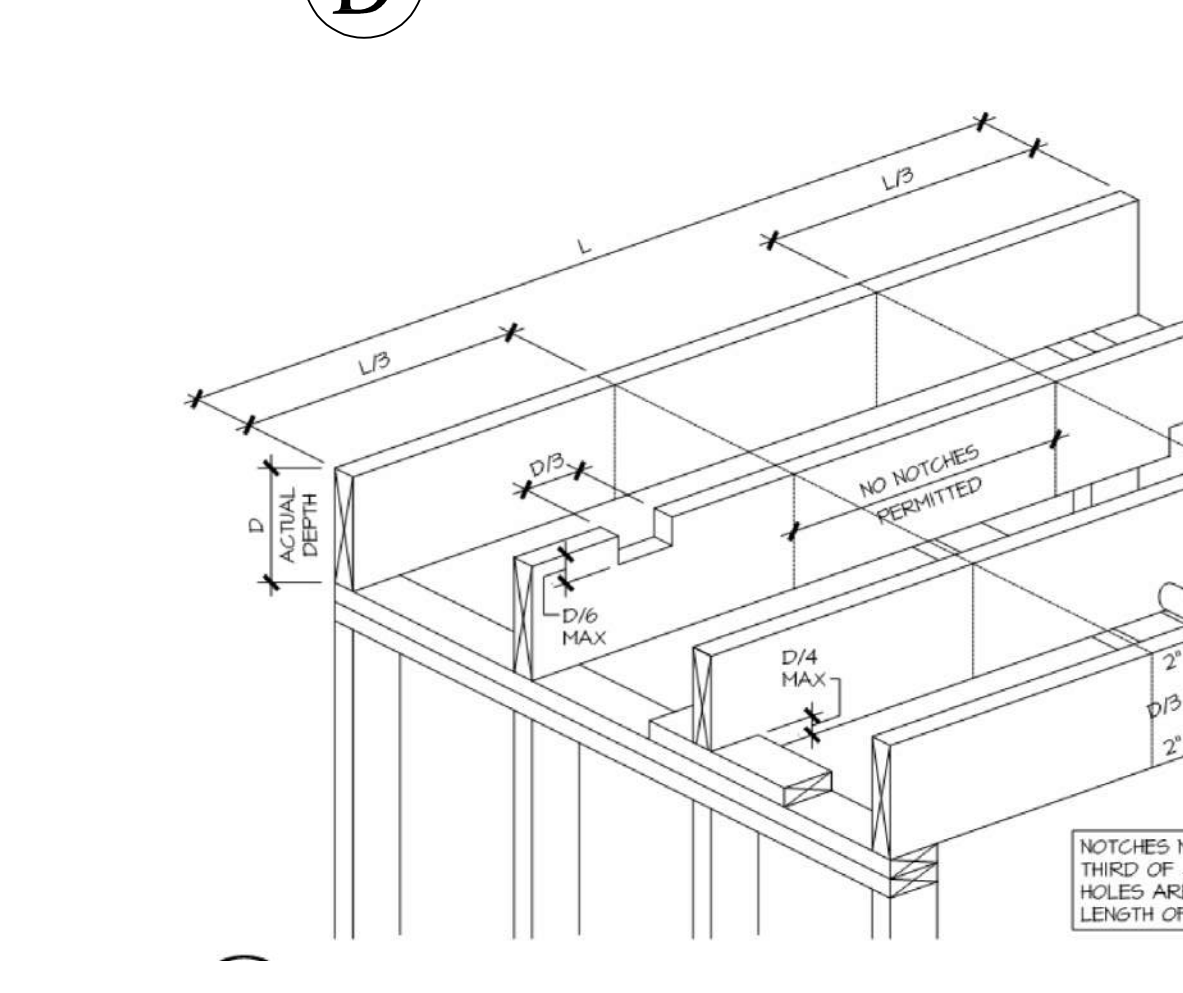
10. SMARTSIDE SOFFIT BOARD BASIS OF DESIGN IS 38 SERIES TEXTURED SURFACE, 23.94 INCH WIDTH X .315-INCH THICKNESS, PRIMED
11. ASPHALT COMPOSITION SHINGLES BASIS OF DESIGN IS CERTAINTED, LANDMARK SERIES, COLOR DETERMINED BY OWNER, 225-POUNDS PER SQUARE, MINIMUM 15-YEAR WARRANTY

GENERAL CONTRACTOR DESIGN ASSIST RESPONSIBILITIES
1. COORDINATE WITH HOMEOWNER ALL MILLWORK AND CASEWORK GOODS TO ENSURE PROPER COORDINATION AND INSTALLATION TO ACCOMMODATE APPLIANCES, SINKS AND OTHER SPECIALTY ITEMS.

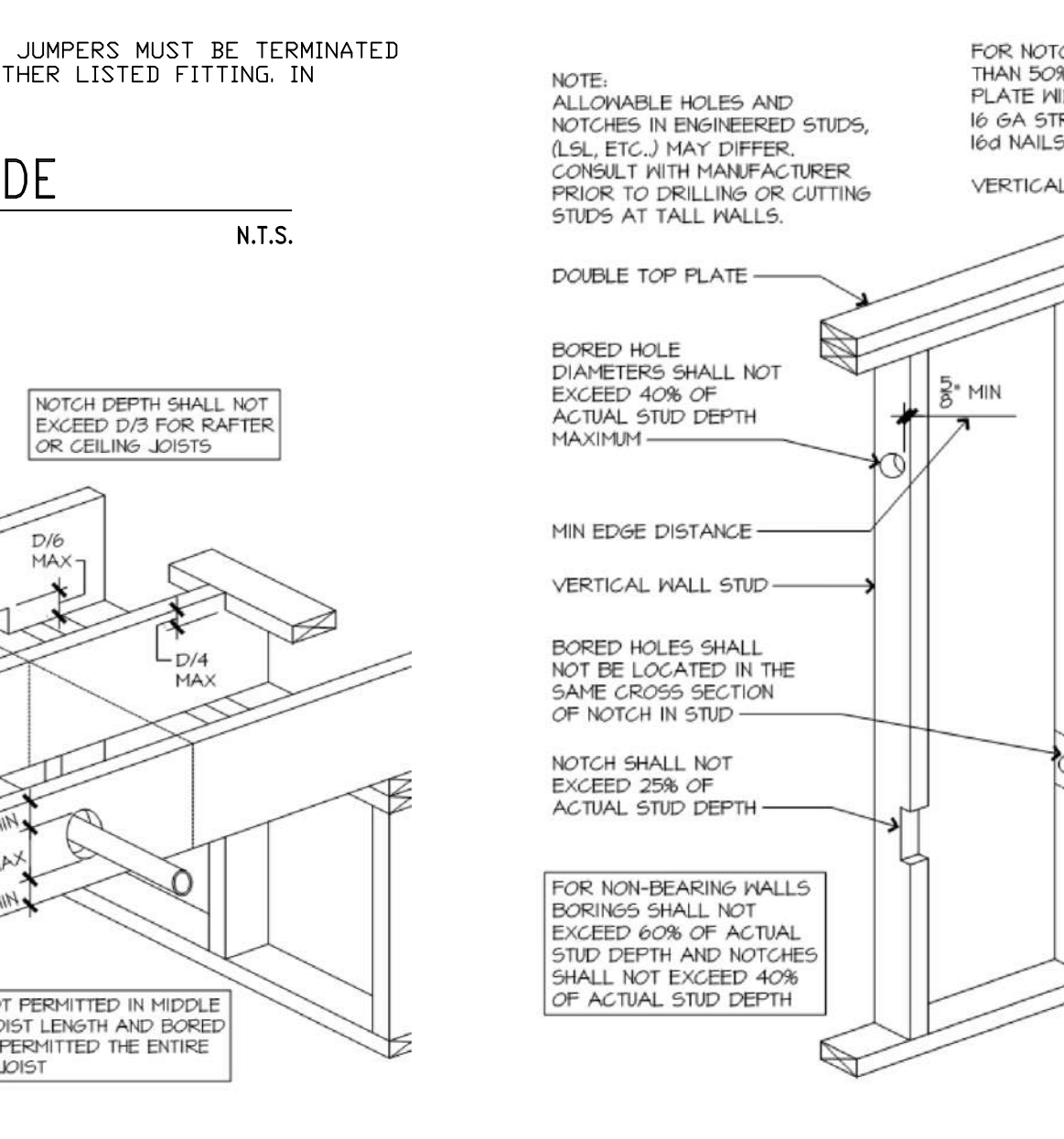


EQUIP. GROUNDING CONDUCTORS, GROUNDING ELECTRODE CONDUCTORS, & BONDING JUMPS MUST BE TERMINATED BY EXOTHERMIC WELDING, LISTED PRESSURE CONNECTORS, LISTED CLAMPS OR OTHER LISTED FITTING IN COMPLIANCE WITH NEC SECTION 250.4 (ARTICLE 250)

CONCRETE ENCASED ELECTRODE



NOTCHING AND BORING CEILING AND FLOOR JOISTS

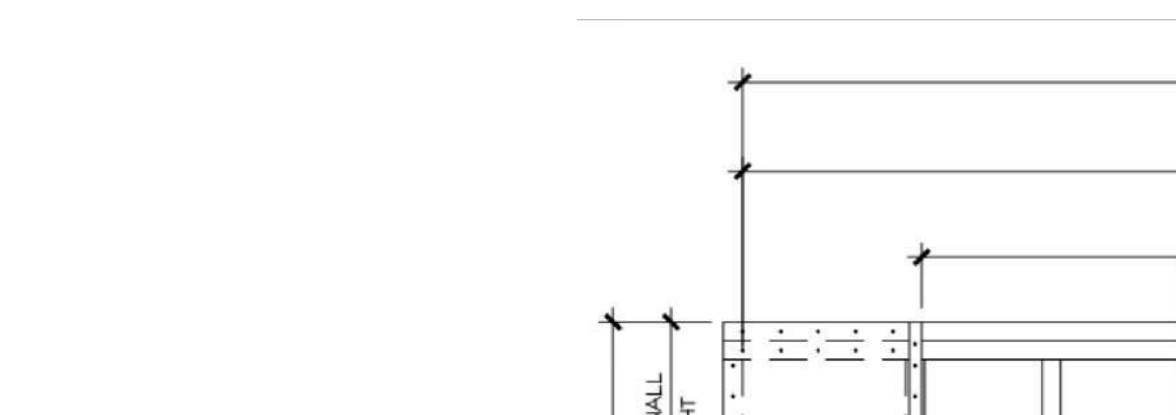


PARTITION NOTCHING REQUIREMENTS

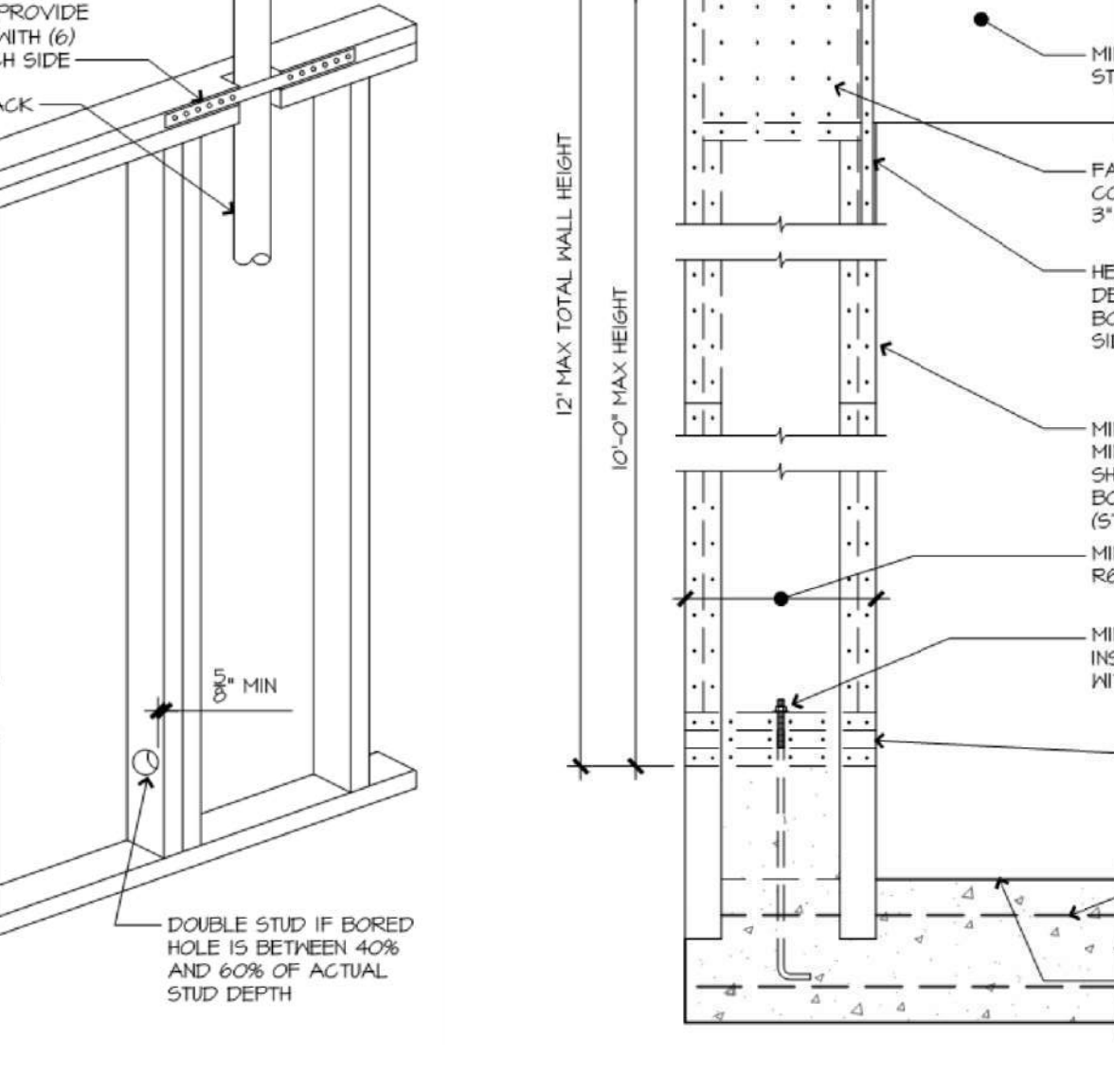
EROSION CONTROL

- 1. EROSION CONTROL MEASURES SHALL BE IN PLACE & IN GOOD WORKING ORDER AT ALL TIMES DURING INSPECTIONS. IN THE EVENT THAT THEY ARE NOT, THE INSPECTOR MAY CANCEL THE INSPECTION UNTIL SUCH TIME THE EROSION CONTROL MEASURES ARE IN PLACE.

SILT FENCE OR STRAW WATTLE AROUND ALL DISTURBED SOIL



PORTAL FRAME W/ HOLD-DOWN (PFH)



PORTAL FRAME W/ HOLD-DOWN (PFH)

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