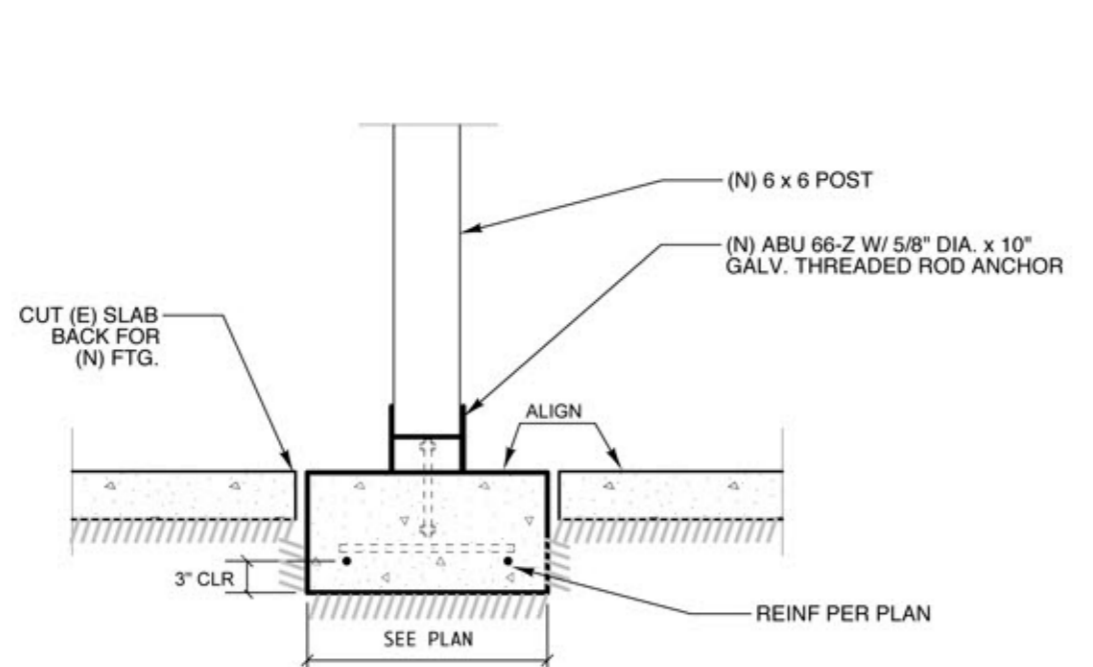
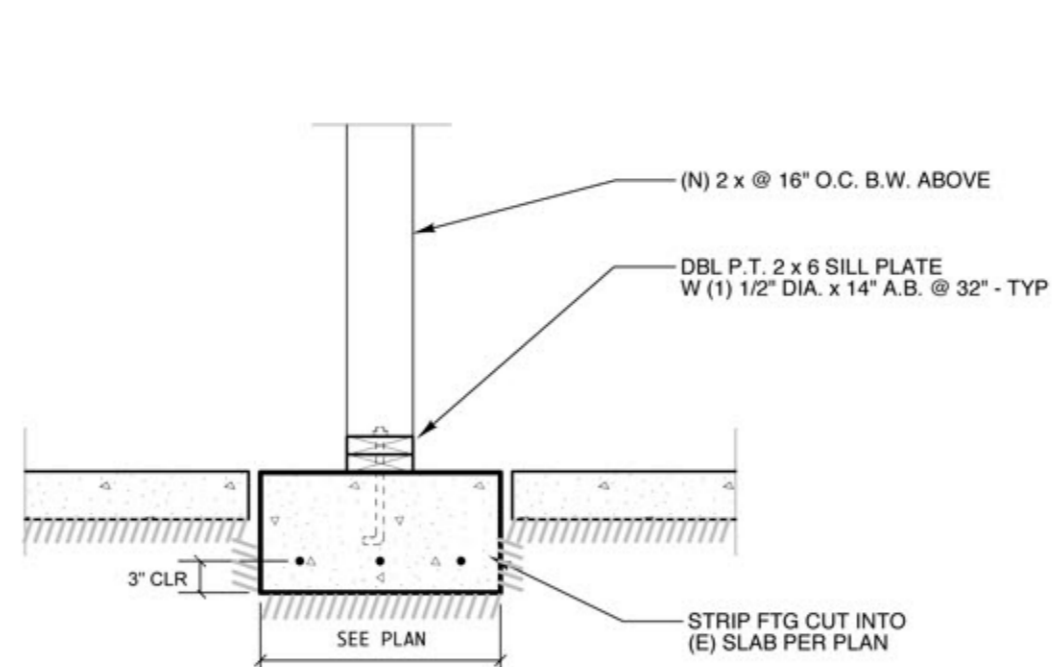


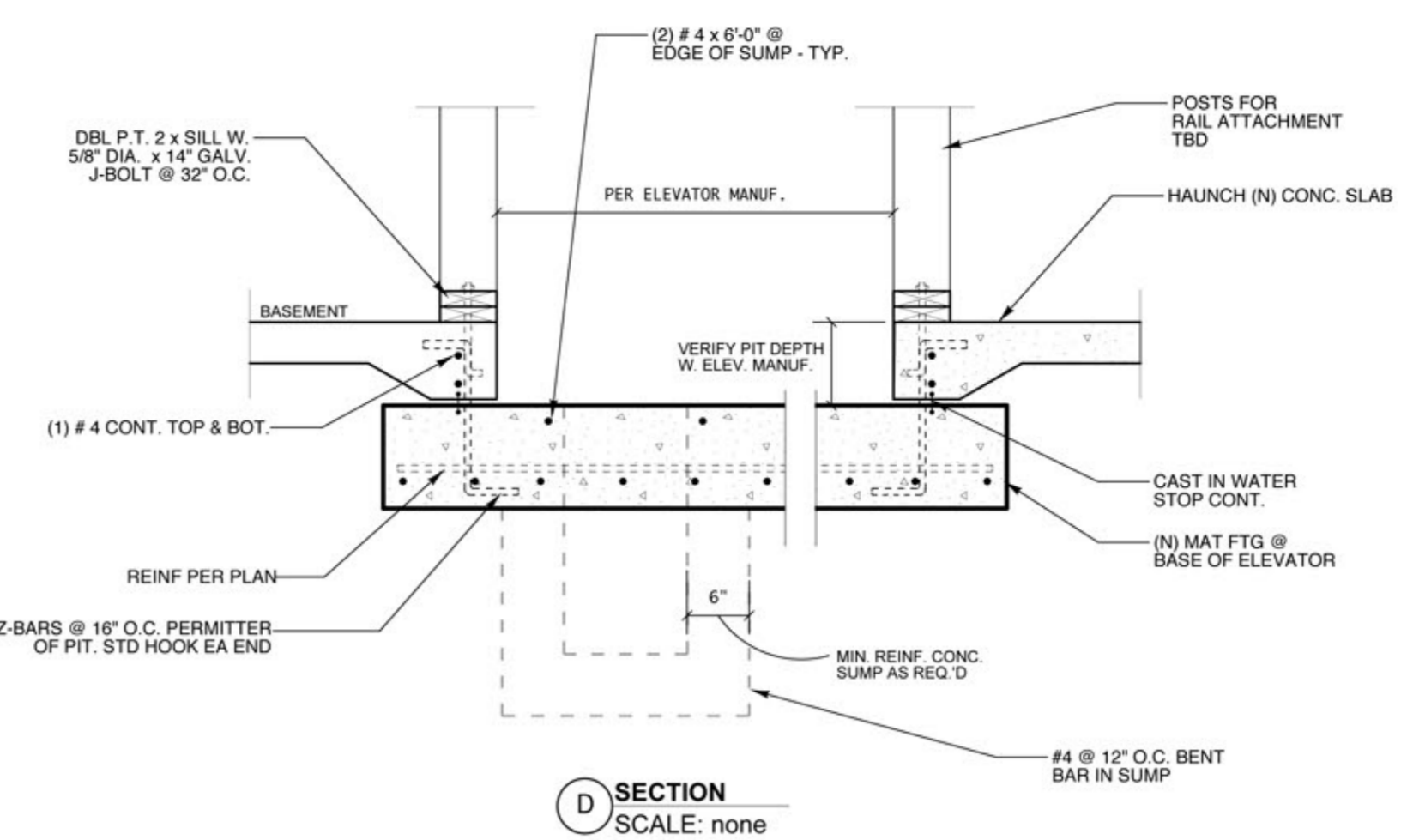
A SECTION SCALE: none



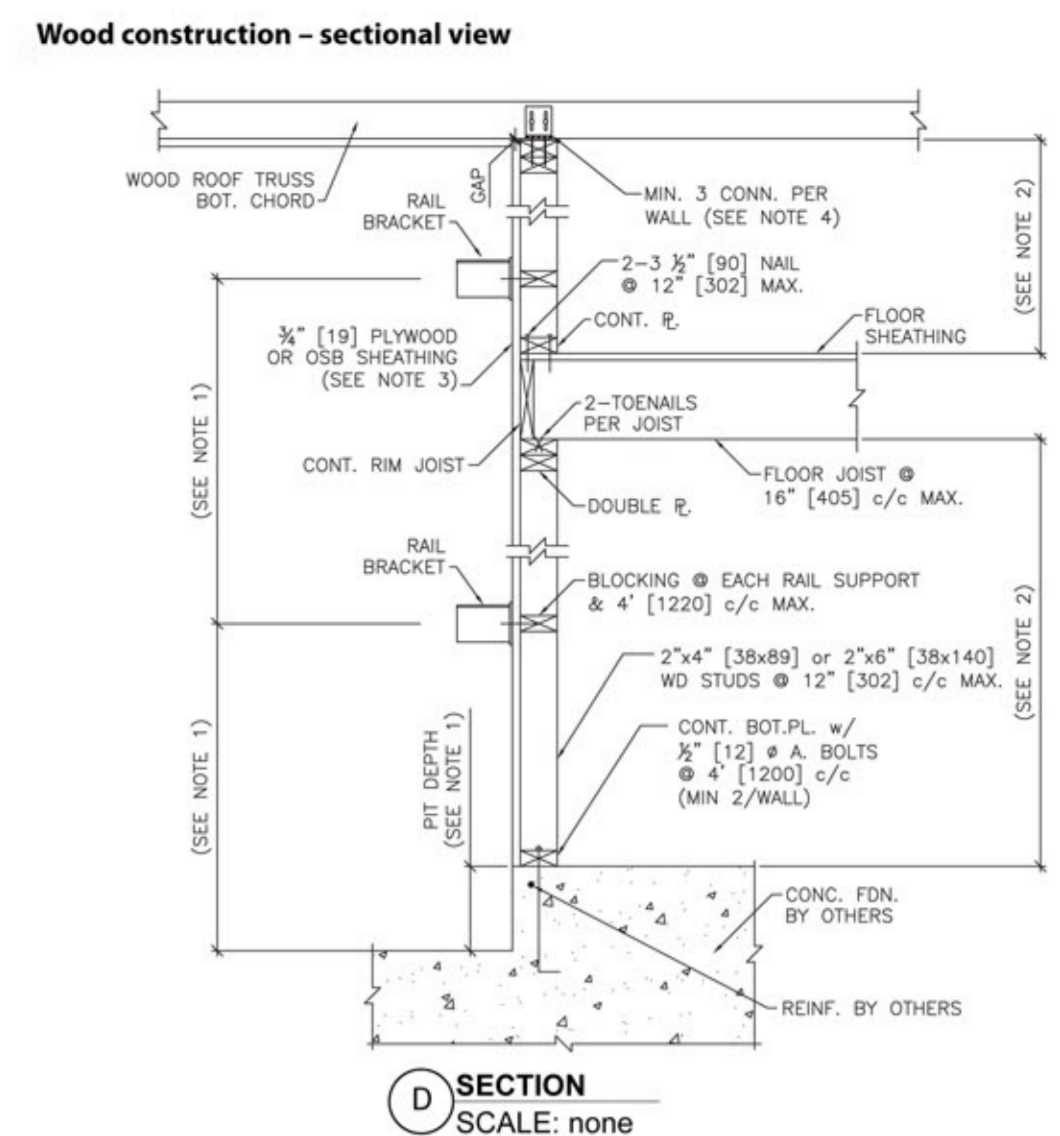
B SECTION SCALE: none



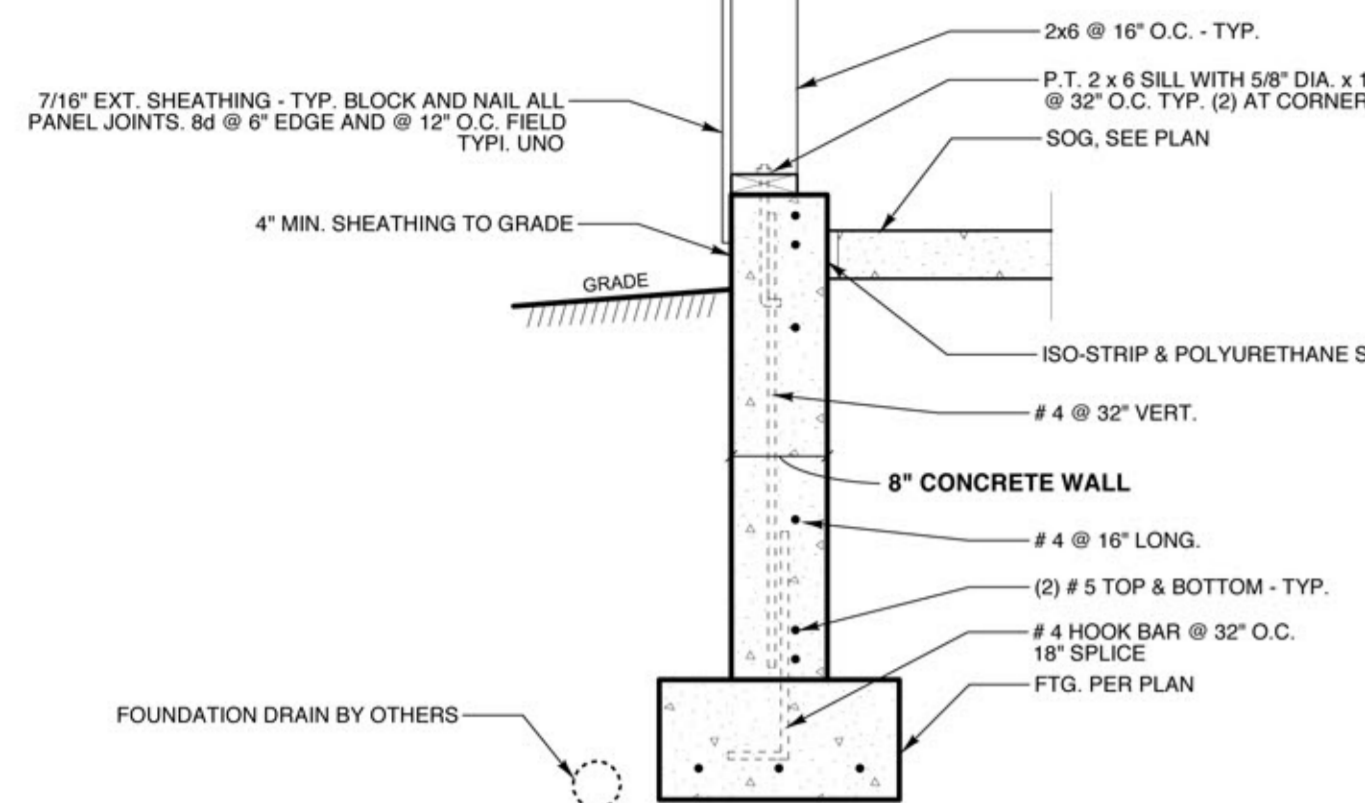
C SECTION SCALE: none



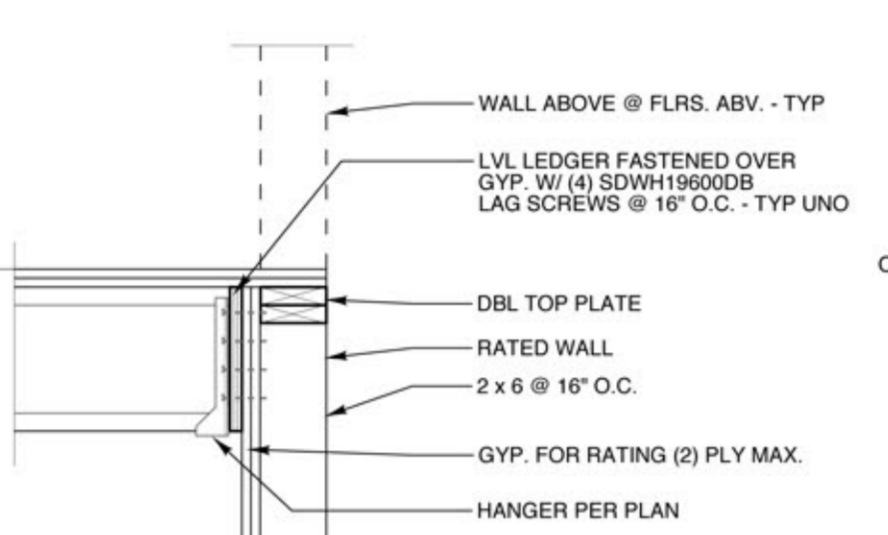
D SECTION SCALE: none



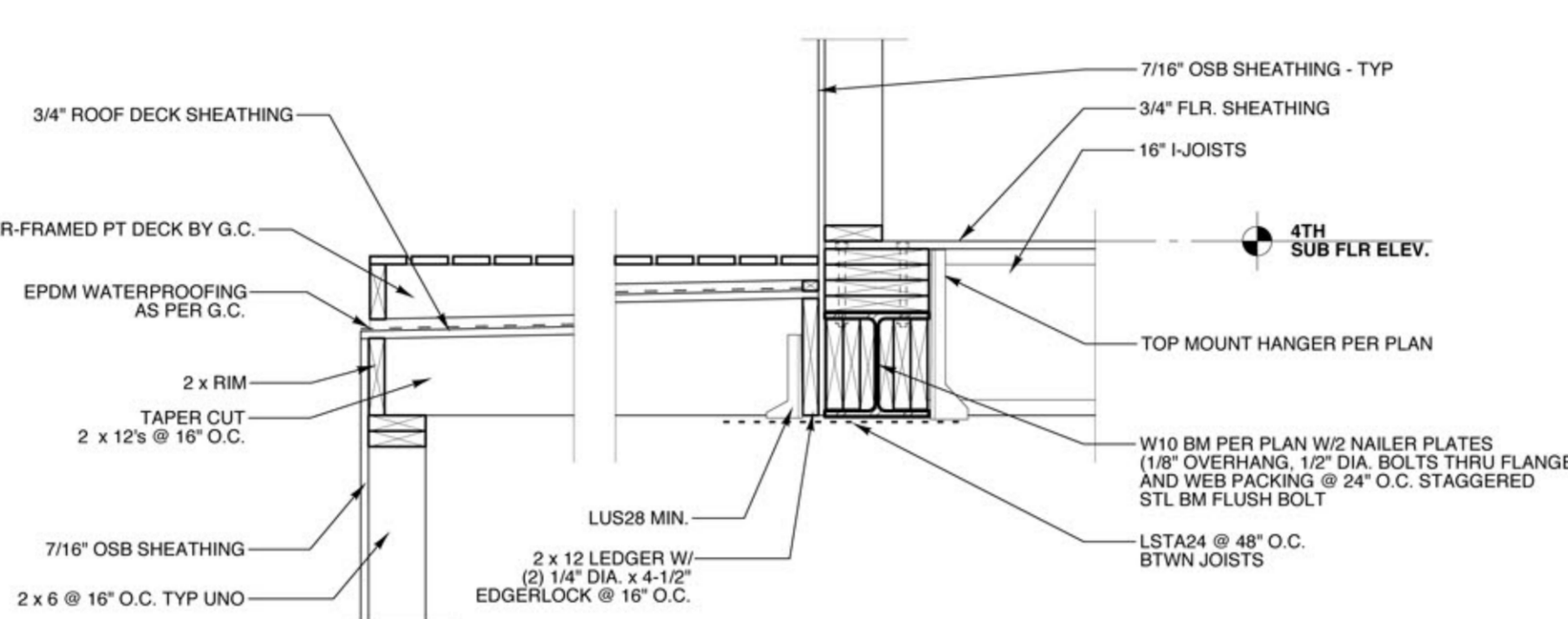
D SECTION SCALE: none



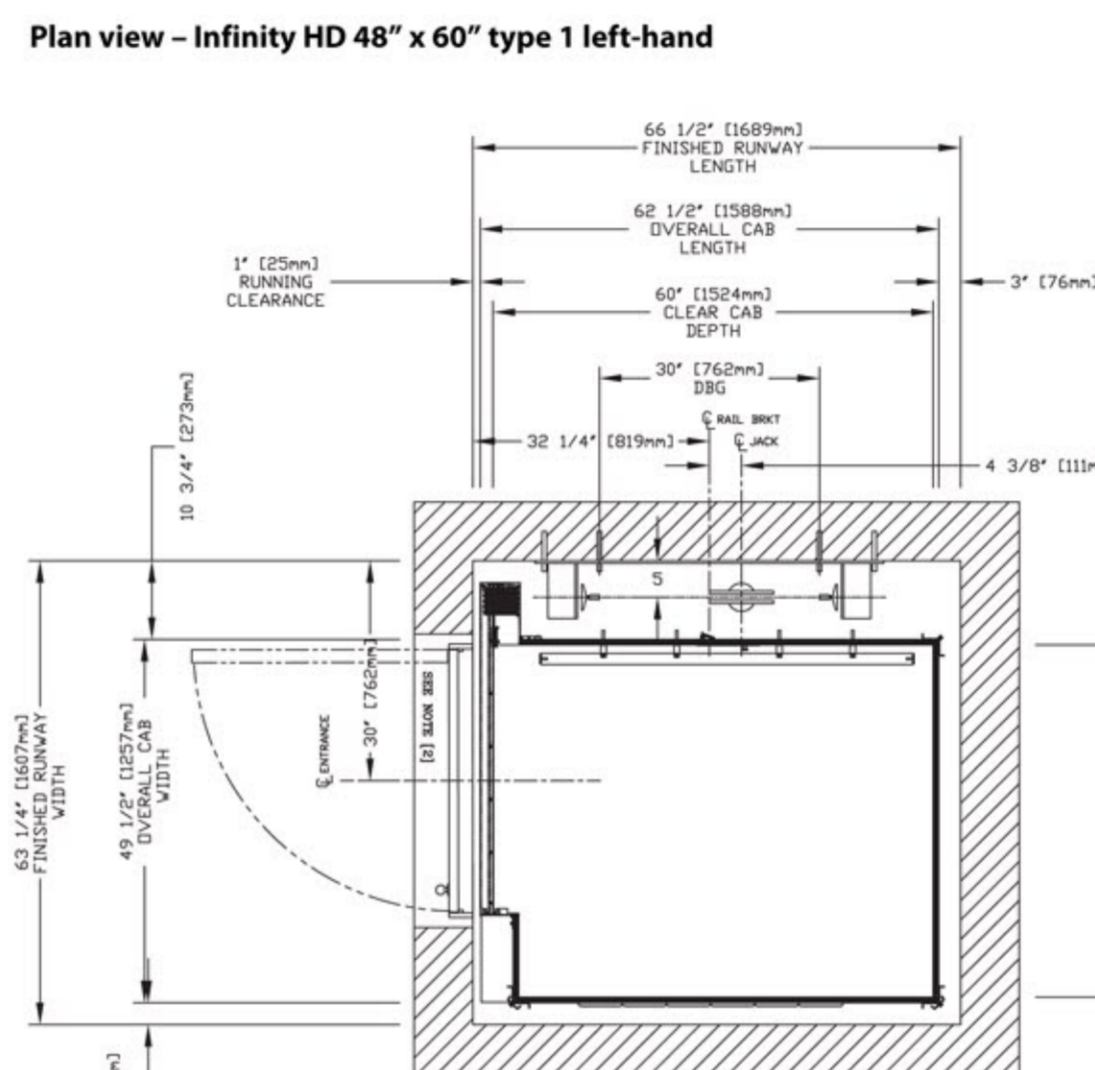
A SECTION SCALE: none



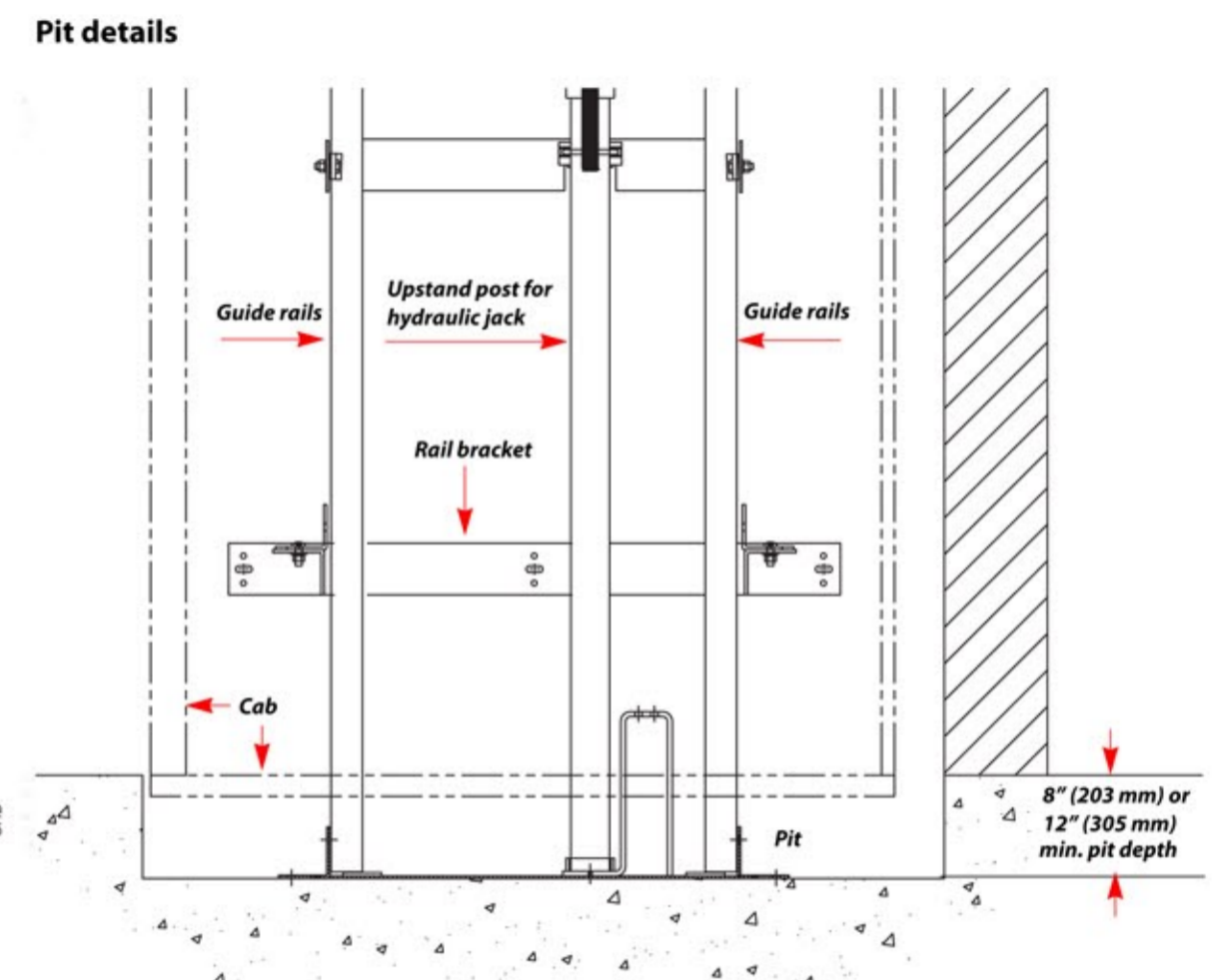
F SECTION SCALE: none



G SECTION SCALE: none

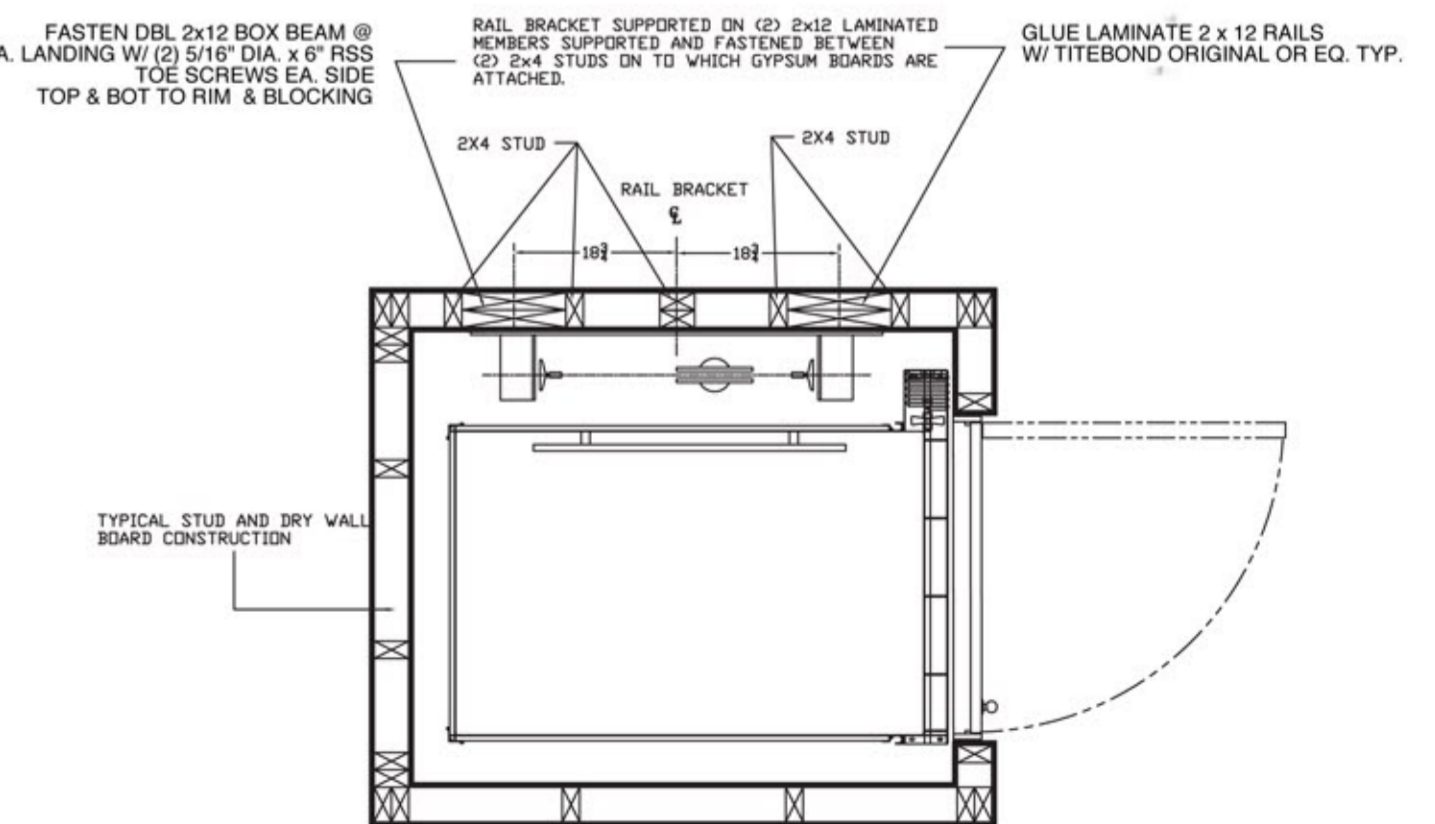


Suggested wall configuration for wood construction (sheet 1)

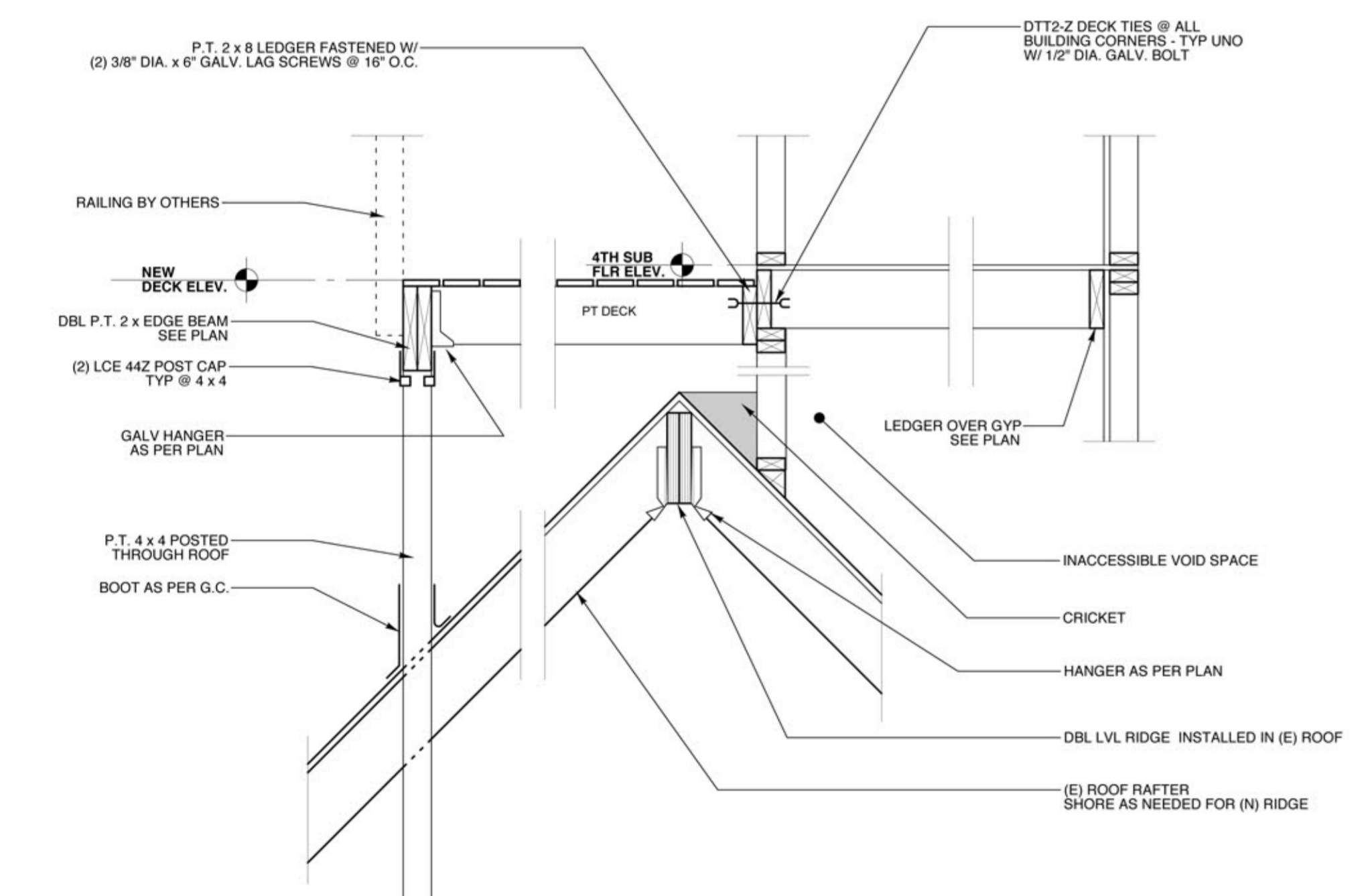


- Hoistway and pit notes**
- A load bearing wall is required to sustain rail reactions (refer to the section "Loads on building" on the previous page).
 - Suggested hoistway pit floor construction consists of an 8" (203 mm) concrete slab poured on a natural or compacted soil with a minimum allowable bearing pressure of 1.0 KSF.
 - The minimum compressive strength of the concrete at 28 days must be no less than 3000 PSI. #5 reinforcing steel (grade 60) must be placed at the bottom of the slab in two traverse directions and at a spacing of 12" (305 mm).
 - Hoistway pit floor to support a load (including impact) of 5.6 kips (5600 lb/24.9 kN) for Infinity or 8.22 kips (8220 lb/36.6 kN) for Infinity HD.
 - Minimum overhead clearance of 92" (2337 mm) for 80" (2032 mm) cab, 96" (2438 mm) for 84" cab, and 108" (2743 mm) for 96" cab.
 - Minimum pit depth of 8" (203 mm) for Infinity and 12" (305 mm) for Infinity HD.
 - Hoistway sizes reflect running and access clearances only. Consult your local AHJ to assure compliance with local codes.
 - Hoistway is required to be free of all pipes, wiring and obstructions not related to the operation of the elevator.

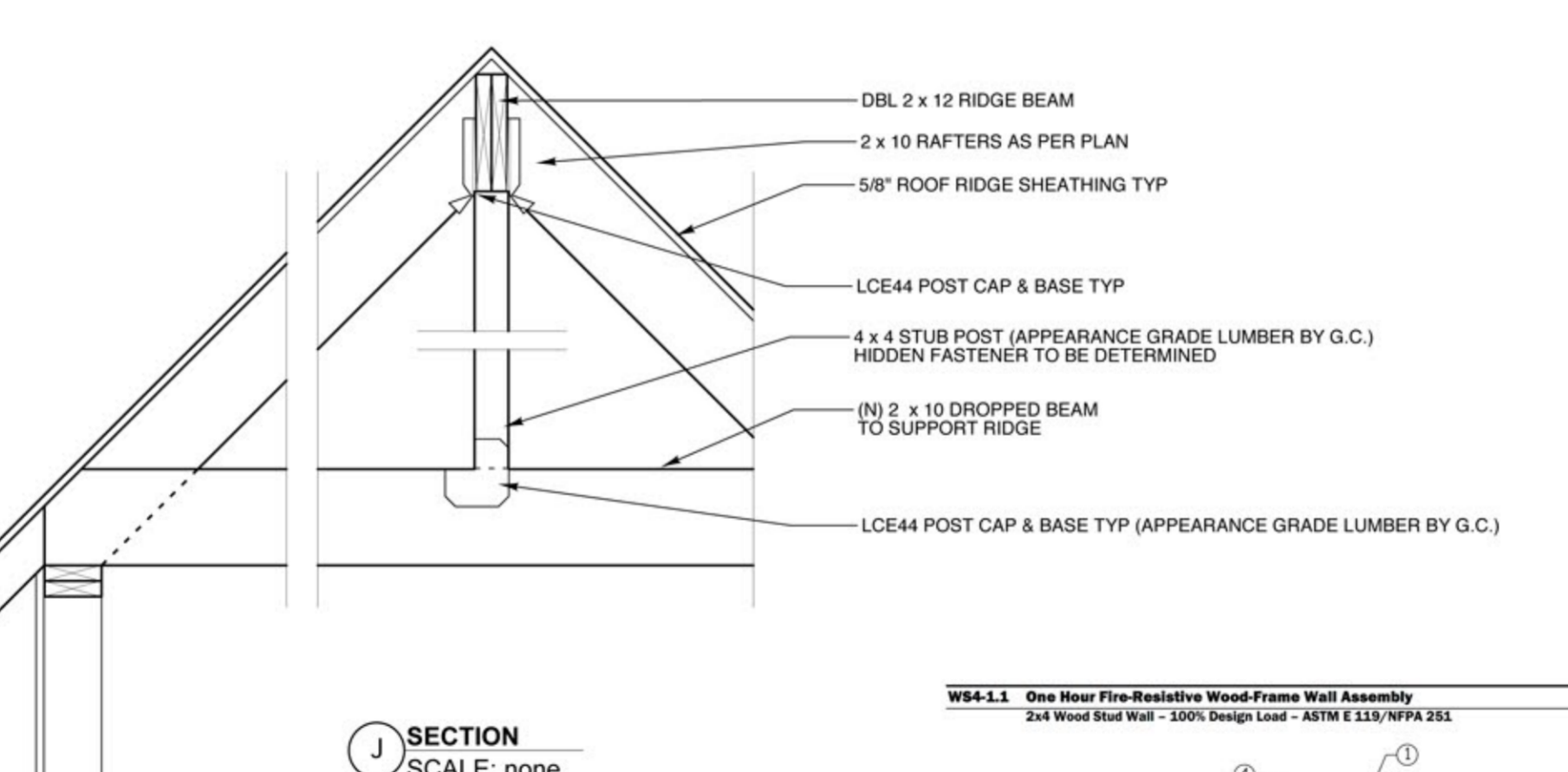
Suggested wall configuration for wood construction (sheet 2)



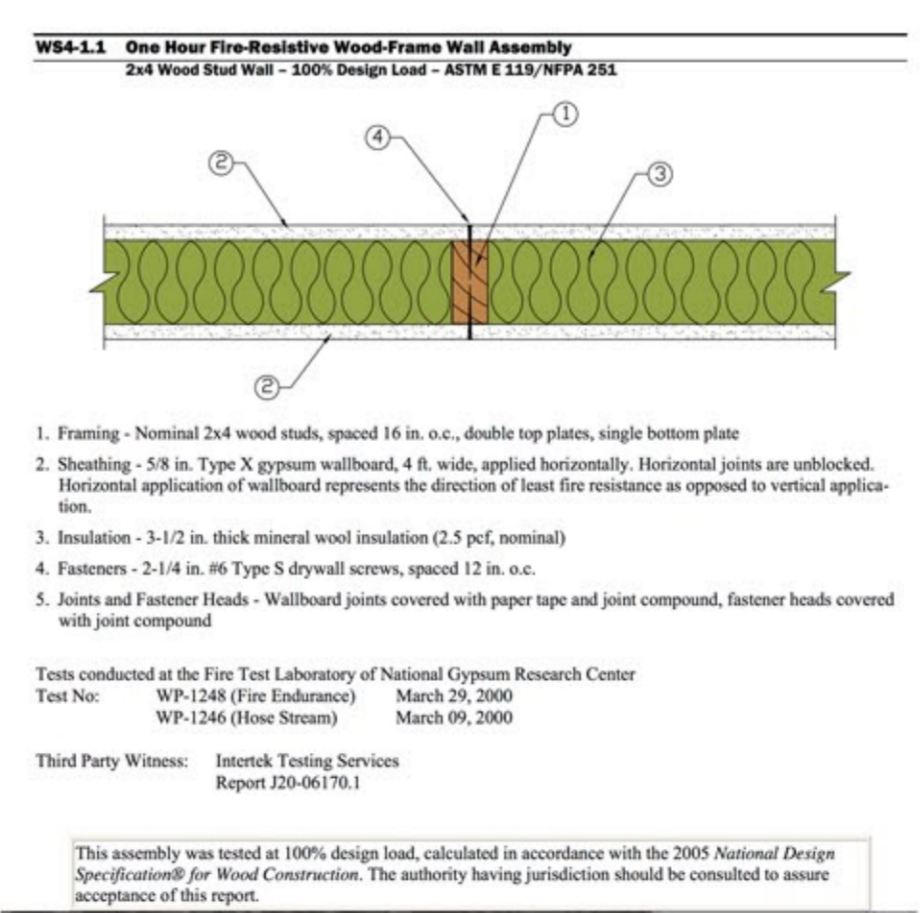
NOTE:
1. THIS DRAWING IS FOR REFERENCE ONLY. BUILDING STRUCTURAL ENGINEER TO ENSURE THAT THE BUILDING AND HOISTWAY WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT.
2. FIRE RATING OF HOISTWAY IS SUBJECT TO LOCAL BUILDING CODES.



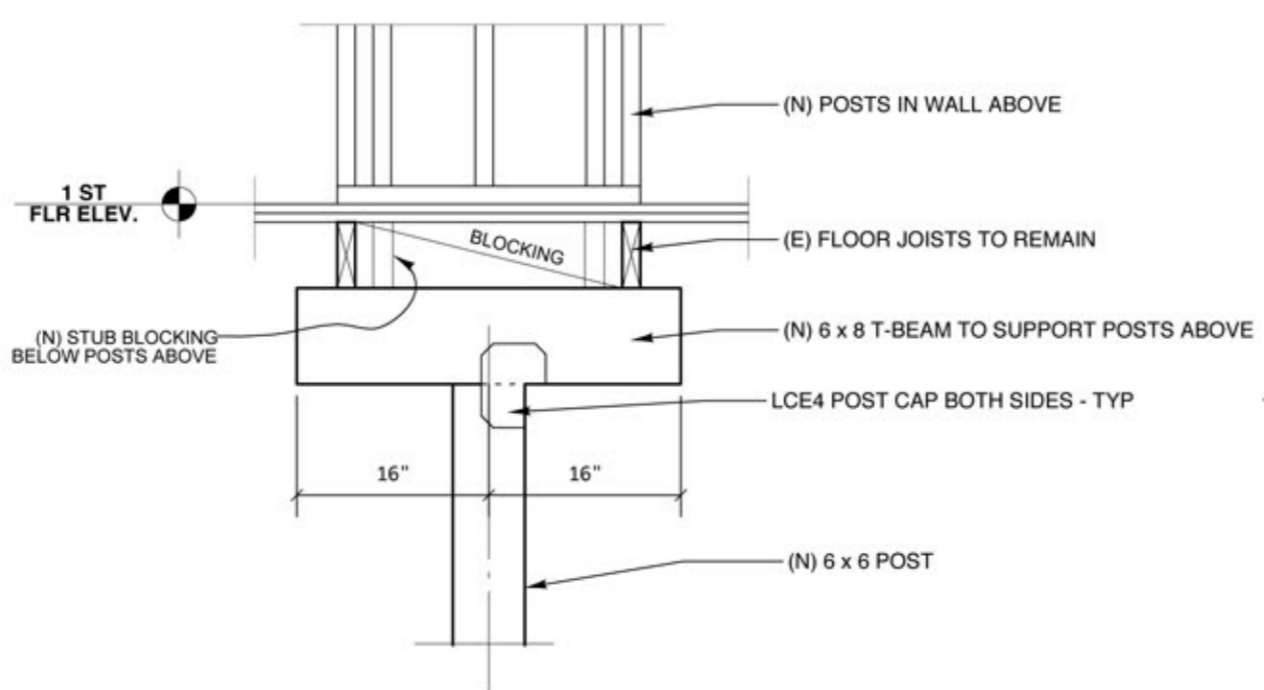
K SECTION SCALE: none



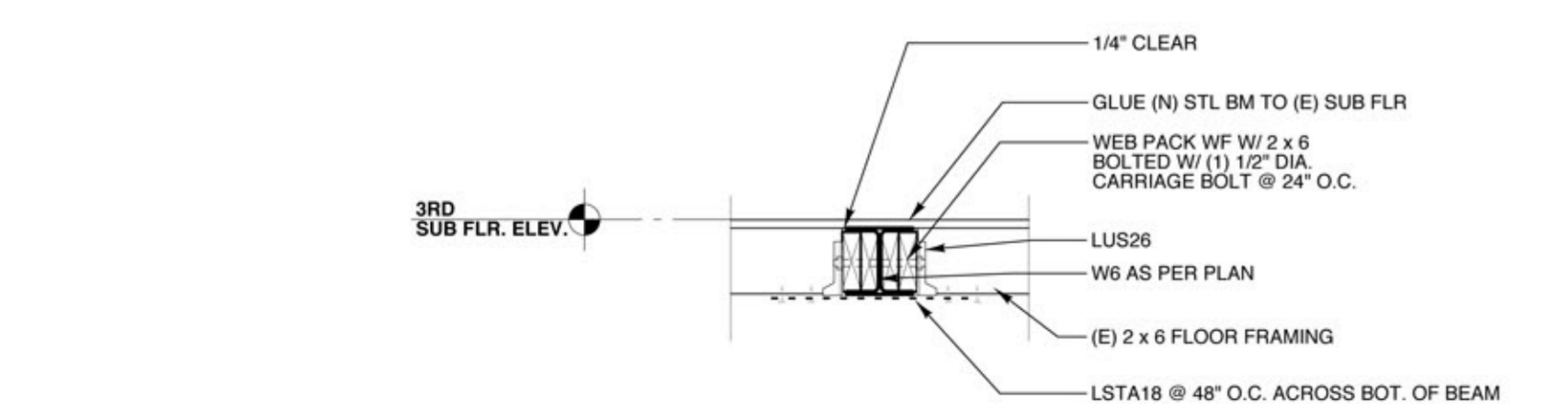
J SECTION SCALE: none



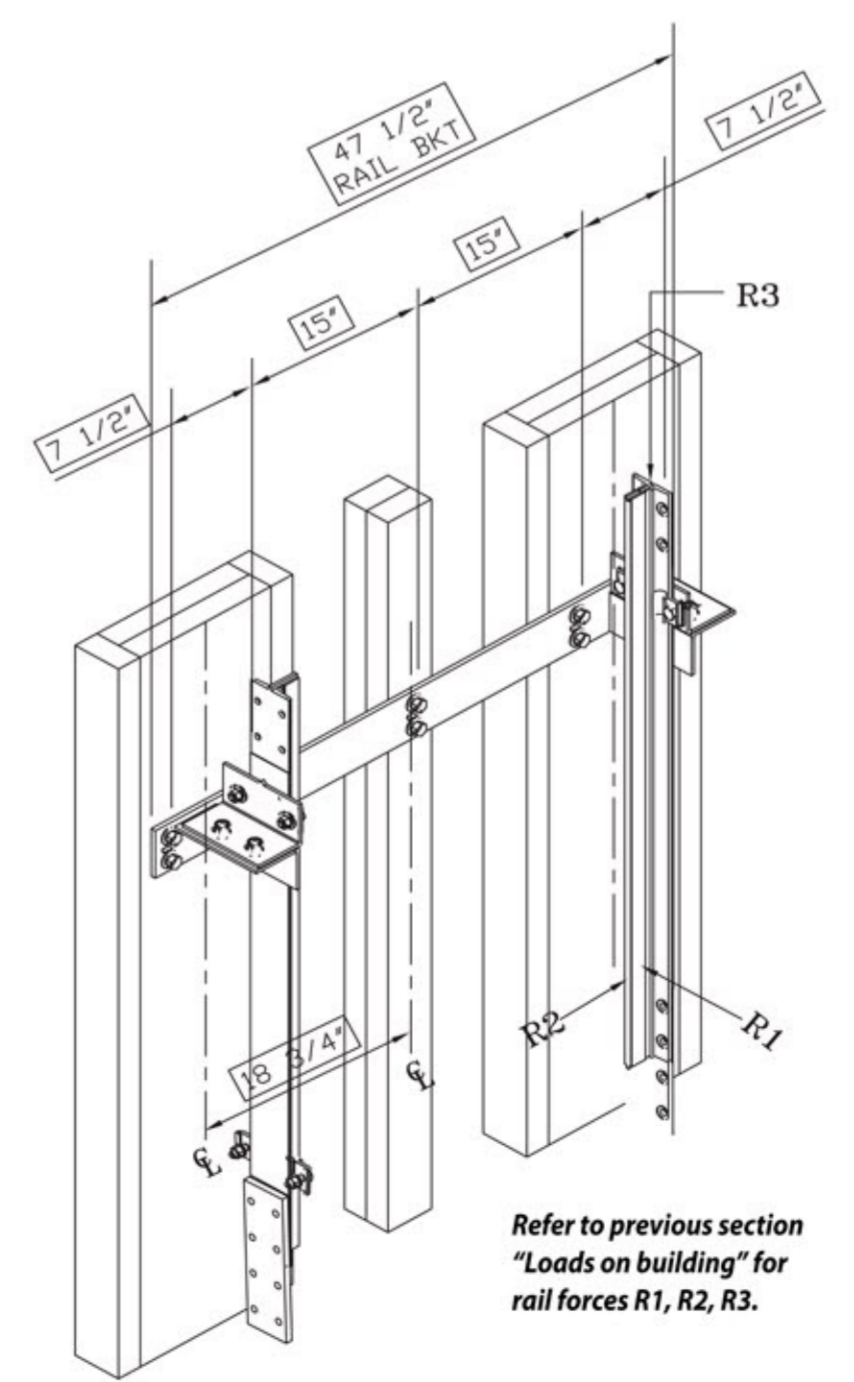
- Framing - Nominal 2x4 wood studs, spaced 16 in. o.c., double top plates, single bottom plate
 - Sheathing - 5/8 in. Type X gypsum wallboard, 4 ft. wide, applied horizontally. Horizontal joints are unblocked. Horizontal application of wallboard represents the direction of least fire resistance as opposed to vertical application.
 - Insulation - 3-1/2 in. thick mineral wool insulation (2.5 pcf nominal)
 - Fasteners - 2-1/4 in. #6 Type S drywall screws, spaced 12 in. o.c.
 - Joints and Fastener Heads - Wallboard joints covered with paper tape and joint compound, fastener heads covered with joint compound
- Tests conducted at the Fire Test Laboratory of National Gypsum Research Center
Test No: WP-1248 (Fire Endurance) March 29, 2000
WP-1246 (Hose Stream) March 09, 2000
Third Party Witness: Intertek Testing Services Report J20-06170.1
- This assembly was tested at 100% design load, calculated in accordance with the 2003 National Design Specification® for Wood Construction. The authority having jurisdiction should be consulted to assure acceptance of this report.



E SECTION SCALE: none



H SECTION SCALE: none



Refer to previous section "Loads on building" for rail forces R1, R2, R3.

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33 Turner Road Portland, ME Scale: as shown S 106