## ROOF FRAMING NOTES:

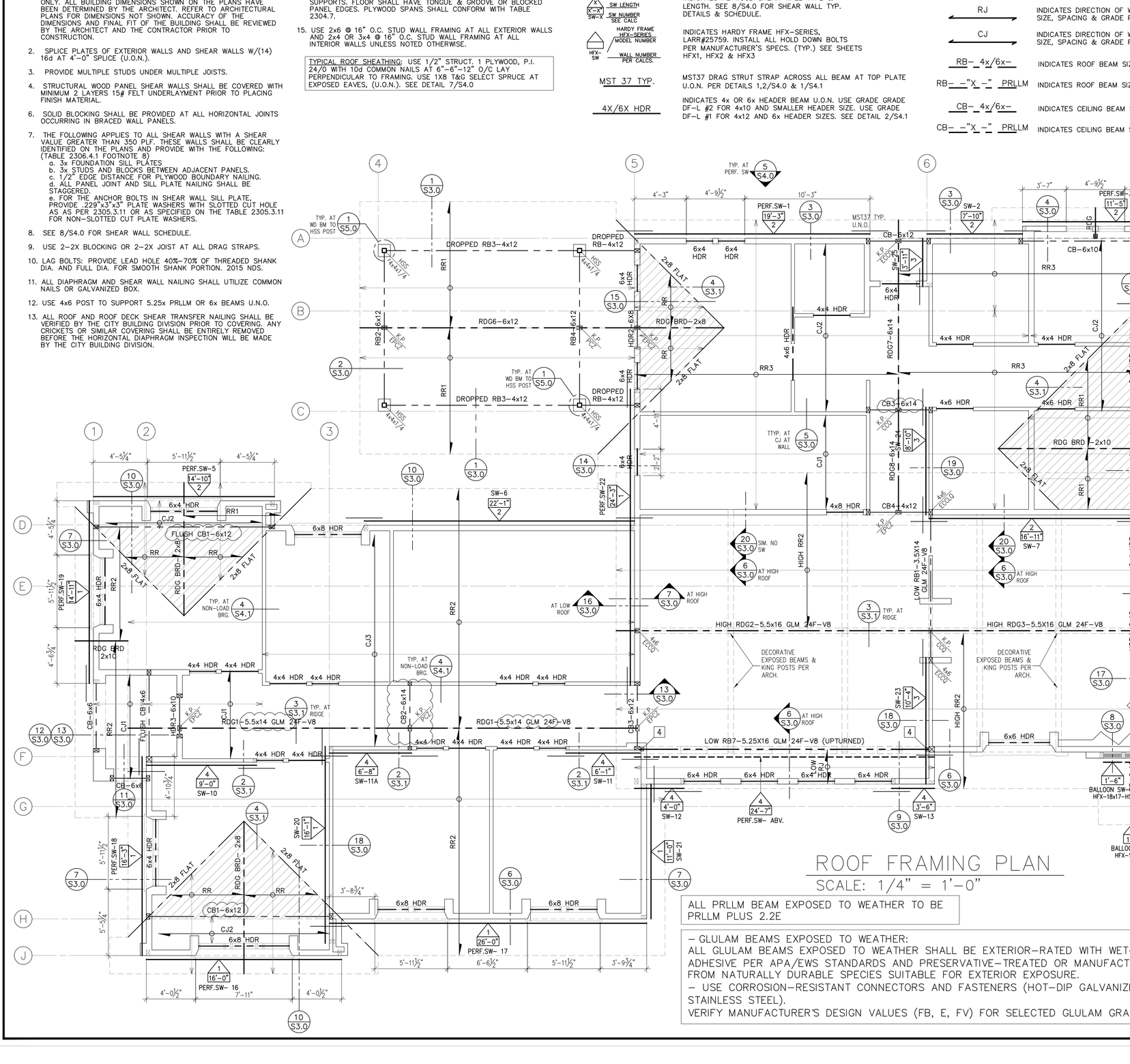
1. FRAMING PLAN SHALL REFLECT THE STRUCTURAL REQUIREMENT ONLY. ALL BUILDING DIMENSIONS SHOWN ON THE PLANS HAVE BEEN DETERMINED BY THE ARCHITECT. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN. ACCURACY OF THE DIMENSIONS AND FINAL FIT OF THE BUILDING SHALL BE REVIEWED BY THE ARCHITECT AND THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. SPLICE PLATES OF EXTERIOR WALLS AND SHEAR WALLS W/(14) 16d AT 4'-0" SPLICE (U.O.N.).
3. PROVIDE MULTIPLE STUDS UNDER MULTIPLE JOISTS.
4. STRUCTURAL WOOD PANEL SHEAR WALLS SHALL BE COVERED WITH MINIMUM 2 LAYERS 15# FELT UNDERLAYMENT PRIOR TO PLACING FINISH MATERIAL.
6. SOLID BLOCKING SHALL BE PROVIDED AT ALL HORIZONTAL JOINTS OCCURRING IN BRACED WALL PANELS.
7. THE FOLLOWING APPLIES TO ALL SHEAR WALLS WITH A SHEAR VALUE GREATER THAN 350 PLF. THESE WALLS SHALL BE CLEARLY IDENTIFIED ON THE PLANS AND PROVIDE WITH THE FOLLOWING: (TABLE 2306.4.1 FOOTNOTE 8)
   a. 3x FOUNDATION SILL PLATES.
   b. 3x STUDS AND BLOCKS BETWEEN ADJACENT PANELS.
   c. 1/2" EDGE DISTANCE FOR PLYWOOD BOUNDARY NAILING.
   d. ALL PANEL JOINT AND SILL PLATE NAILING SHALL BE STAGGERED.
   e. FOR THE ANCHOR BOLTS IN SHEAR WALL SILL PLATE, PROVIDE .229"x3"x3" PLATE WASHERS WITH SLOTTED CUT HOLE AS AS PER 2305.3.11 OR AS SPECIFIED ON THE TABLE 2305.3.11 FOR NON-SLOTTED CUT PLATE WASHERS.
8. SEE 8/S4.0 FOR SHEAR WALL SCHEDULE.
9. USE 2-2X BLOCKING OR 2-2X JOIST AT ALL DRAG STRAPS.
10. LAG BOLTS: PROVIDE LEAD HOLE 40%-70% OF THREADED SHANK DIA. AND FULL DIA. FOR SMOOTH SHANK PORTION. 2015 NDS.
11. ALL DIAPHRAGM AND SHEAR WALL NAILING SHALL UTILIZE COMMON NAILS OR GALVANIZED BOX.
12. USE 4x6 POST TO SUPPORT 5.25x PRLLM OR 6x BEAMS U.N.O.
13. ALL ROOF AND ROOF DECK SHEAR TRANSFER NAILING SHALL BE VERIFIED BY THE CITY BUILDING DIVISION PRIOR TO COVERING. ANY CRICKETS OR SIMILAR COVERING SHALL BE ENTIRELY REMOVED BEFORE THE HORIZONTAL DIAPHRAGM INSPECTION WILL BE MADE BY THE CITY BUILDING DIVISION.
14. ROOF DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING. FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORTS. FLOOR SHALL HAVE TONGUE & GROOVE OR BLOCKED PANEL EDGES. PLYWOOD SPANS SHALL CONFORM WITH TABLE 2304.7.
15. USE 2x6 @ 16" O.C. STUD WALL FRAMING AT ALL EXTERIOR WALLS AND 2x4 OR 3x4 @ 16" O.C. STUD WALL FRAMING AT ALL INTERIOR WALLS UNLESS NOTED OTHERWISE.

TYPICAL ROOF SHEATHING: USE 1/2" STRUCT. 1 PLYWOOD, P.I. 24/0 WITH 10d COMMON NAILS AT 6"-6"-12" O/C LAY PERPENDICULAR TO FRAMING. USE 1X8 T&G SELECT SPRUCE AT EXPOSED EAVES, (U.O.N.). SEE DETAIL 7/S4.0

## LEGEND:

- SW TYPE / SW LENGTH / SW NUMBER SEE CALC — INDICATES PLYWOOD SHEAR WALL TYPE & LENGTH. SEE 8/S4.0 FOR SHEAR WALL TYP. DETAILS & SCHEDULE.
- HARDY FRAME HFX-SERIES, MODEL NUMBER / WALL NUMBER PER CALCS. — INDICATES HARDY FRAME HFX-SERIES, LARR#25759. INSTALL ALL HOLD DOWN BOLTS PER MANUFACTURER'S SPECS. (TYP.) SEE SHEETS HFX1, HFX2 & HFX3
- MST 37 TYP. — MST37 DRAG STRUT STRAP ACROSS ALL BEAM AT TOP PLATE U.O.N. PER DETAILS 1,2/S4.0 & 1/S4.1
- 4X/6X HDR — INDICATES 4x OR 6x HEADER BEAM U.O.N. USE GRADE GRADE DF-L #2 FOR 4x10 AND SMALLER HEADER SIZE. USE GRADE DF-L #1 FOR 4x12 AND 6x HEADER SIZES. SEE DETAIL 2/S4.1

RR — INDICATES DIRECTION OF W... SIZE, SPACING & GRADE F...
RJ — INDICATES DIRECTION OF W... SIZE, SPACING & GRADE F...
CJ — INDICATES DIRECTION OF W... SIZE, SPACING & GRADE F...
RB-__4x/6x-__ — INDICATES ROOF BEAM SI...
RB-__-"X"-__PRLLM — INDICATES ROOF BEAM SI...
CB-__4x/6x-__ — INDICATES CEILING BEAM ...
CB-__-"X"-__PRLLM — INDICATES CEILING BEAM ...

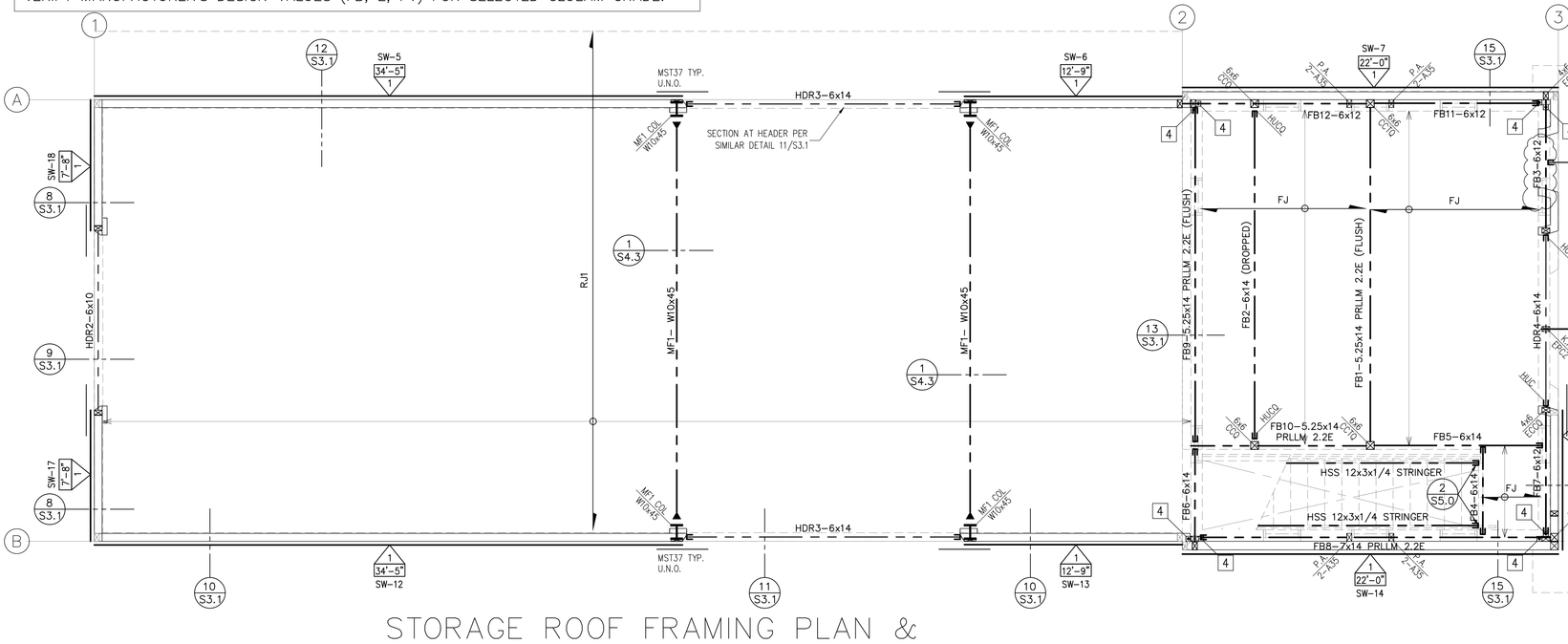


– GLULAM BEAMS EXPOSED TO WEATHER:
ALL GLULAM BEAMS EXPOSED TO WEATHER SHALL BE EXTERIOR–RATED WITH WET–USE ADHESIVE PER APA/EWS STANDARDS AND PRESERVATIVE–TREATED OR MANUFACTURED FROM NATURALLY DURABLE SPECIES SUITABLE FOR EXTERIOR EXPOSURE.
– USE CORROSION–RESISTANT CONNECTORS AND FASTENERS (HOT–DIP GALVANIZED OR STAINLESS STEEL).
VERIFY MANUFACTURER'S DESIGN VALUES (FB, E, FV) FOR SELECTED GLULAM GRADE.

ALL PRLLM BEAM EXPOSED TO WEATHER TO BE PRLLM PLUS 2.2E

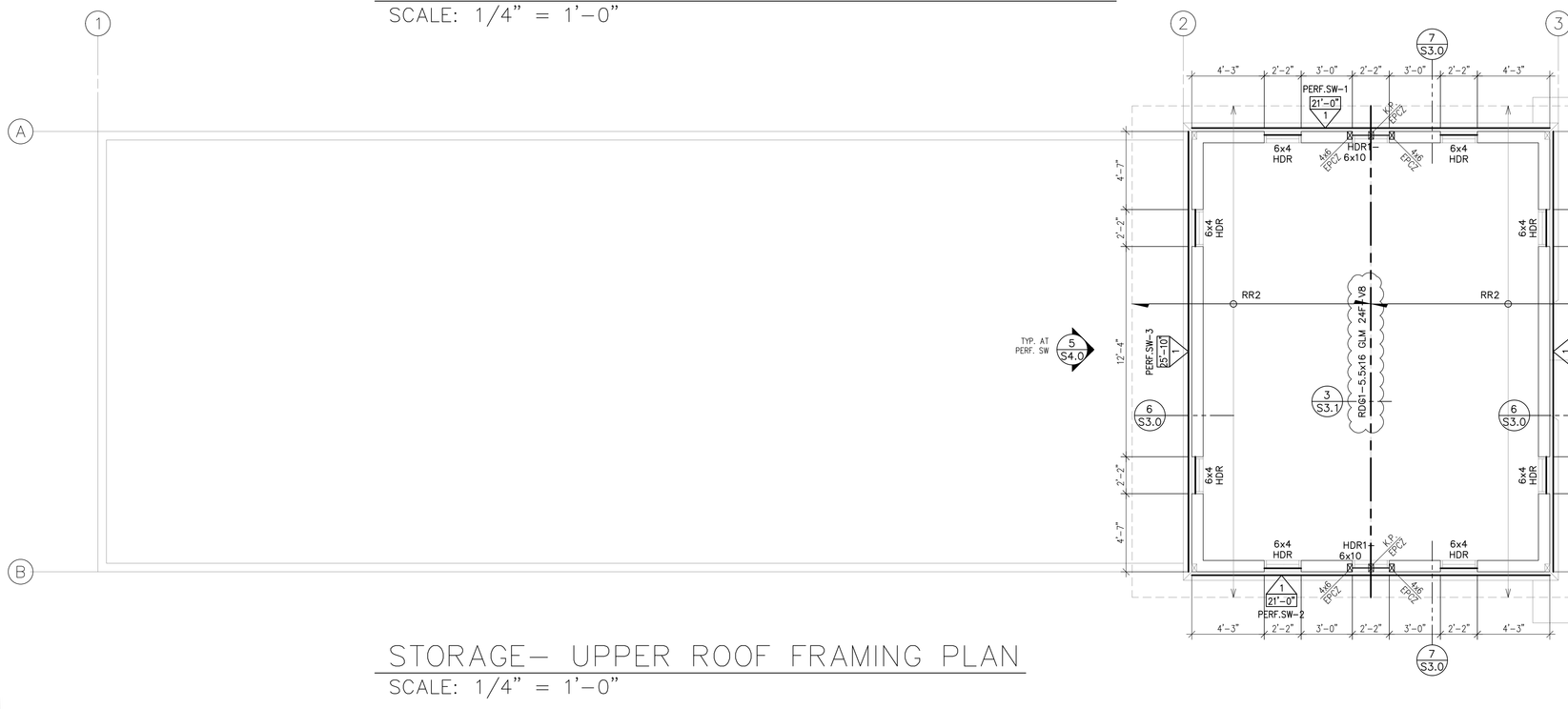
TYPICAL FLOOR SHEATHING: USE 1 1/8" CDX T&G PLYWOOD P.I 32/16 WITH COMMON NAILS AT 4"–6"–12" O/C, NAIL AND GLUE PLYWOOD TO FRAMING. PERPENDICULAR TO FRAMING. SEE DETAIL 7/S4.10

TYPICAL ROOF SHEATHING: USE 1/2" STRUCT. 1 PLYWOOD, P.I. 24/0 WITH COMMON NAILS AT 6"–6"–12" O/C LAY PERPENDICULAR TO FRAMING. USE SELECT SPRUCE AT EXPOSED EAVES, (U.O.N.). SEE DETAIL 1/S4.0




## STORAGE ROOF FRAMING PLAN & MEZZANINE FLOOR FRAMING PLAN– PART 1

SCALE: 1/4" = 1'–0"




## STORAGE– UPPER ROOF FRAMING PLAN

SCALE: 1/4" = 1'–0"