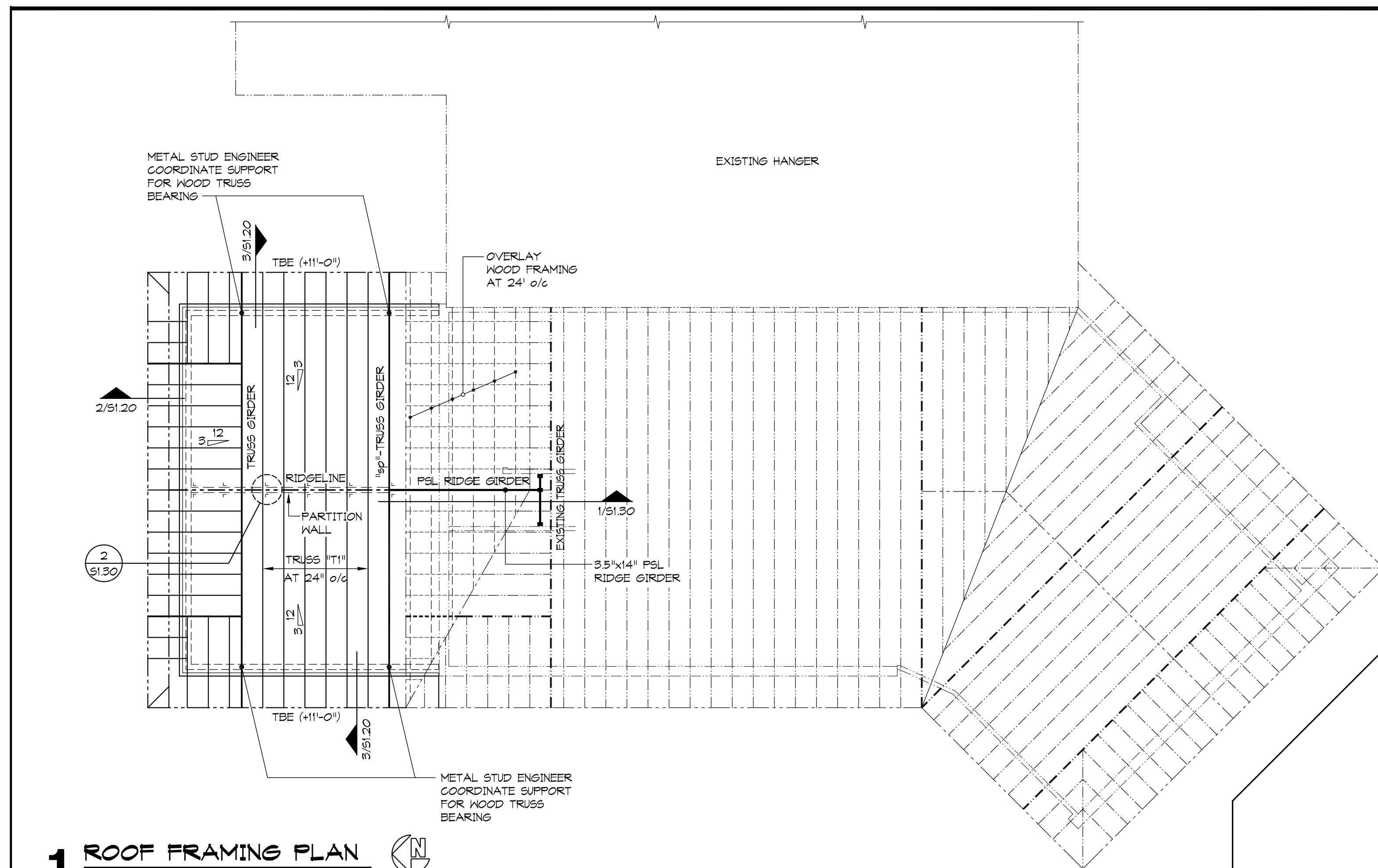
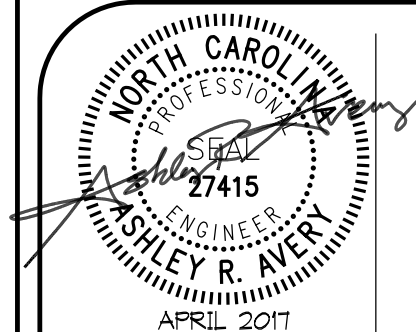


**ROOF  
FRAMING  
PLAN AND  
DETAILS**

**ROWAN COUNTY  
AIRPORT**

Terminal Expansion



**1 ROOF FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

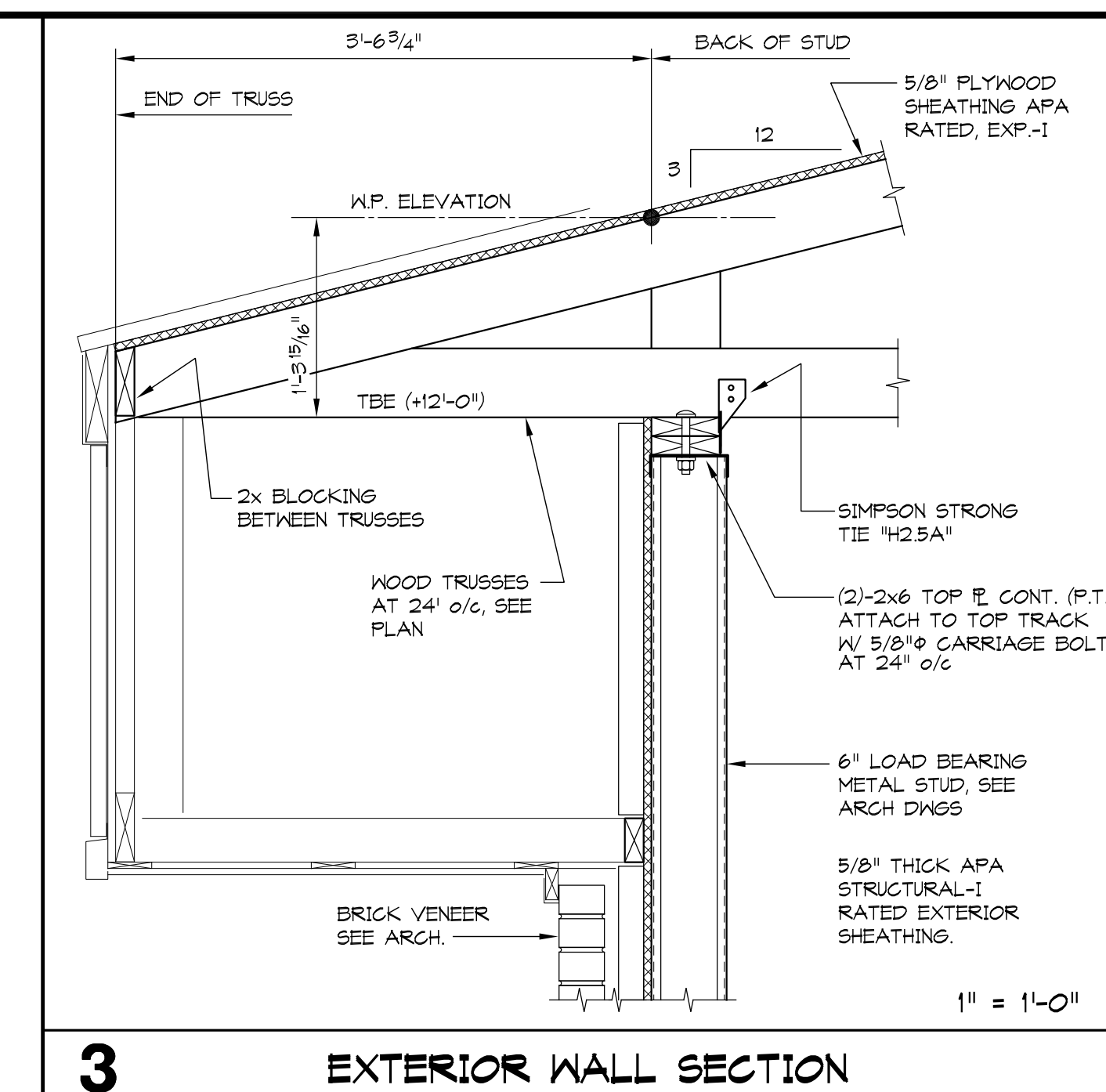
**ROOF FRAMING PLAN SHEET NOTES**

- SEE PLAN AND DETAILS FOR TRUSS BEARING ELEVATIONS.
- ALL STRUCTURAL STEEL COLUMNS, BEAMS, GIRDERS TO CONFORM TO ASTM A992, Fy=50 ksi OR ASTM A572, ENHANCED, GRADE 50; STRUCTURAL ANGLE, CHANNEL, BAR AND PLATE TO ASTM A36; Fy=36 ksi; STRUCTURAL TUBING - ASTM A500, GRADE B, Fy=46 ksi; STRUCTURAL PIPE COLUMNS - ASTM A501, Fy=36 ksi.
- SEE PLANS AND ARCHITECTURAL DRAWINGS FOR ROOF PROFILE. USE VALLEY JACK TRUSSES AND/OR STICK FRAMING TO PROVIDE THE REQUIRED ARCHITECTURAL ROOF PROFILE. SUBMIT SHOP DRAWINGS ON ALL ROOF FRAMING LAYOUT TO INCLUDE PLAN LAYOUT, ERECTION DRAWINGS, TRUSS DETAILS, TRUSS DESIGN AND ALL CONNECTION DETAILS. SHOP DRAWINGS SHALL SHOW AND DETAIL ALL TEMPORARY AND PERMANENT BRACING TO WOOD ROOF TRUSS FRAMING SYSTEM.
- PLYWOOD SHEATHING SHALL BE 5/8" APA RATED, EXPOSURE-1. INSTALL METAL SPACERS BETWEEN PLYWOOD PANEL EDGES AND END JOINTS PER APA RECOMMENDATIONS TO PREVENT BUCKLING OF THE PLYWOOD ROOF SHEATHING.
- PROVIDE 2x4 TEMPORARY TRUSS CHORD BRACING
  - TOP CHORD LATERAL BRACE AT 5'-0" o/c MAX
  - TOP CHORD DIAGONAL BRACES OVER 6 TRUSSES
- GENERAL CONTRACTOR SHALL COORDINATE WITH THE TRUSS MANUFACTURER AND THE MECHANICAL CONTRACTOR THE LAYOUT AND PROFILE OF ALL WOOD TRUSSES WITH THE LAYOUT OF ALL DUCTWORK TO BE INSTALLED WITHIN THE ROOF TRUSSES. THE GENERAL CONTRACTOR SHALL PROVIDE A COPY OF THE WOOD TRUSS SHOP DRAWINGS TO THE MECHANICAL CONTRACTOR FOR COORDINATION OF MECHANICAL DUCT LAYOUT. ALL COORDINATION SHALL BE DONE PRIOR TO THE FABRICATION OF ANY WOOD TRUSSES.
- GENERAL CONTRACTOR SHALL SUPPLY THE WEIGHT OF ATTIC ACCESS DOOR TO WOOD TRUSS MANUFACTURER.
- ⊠ - INDICATES ATTIC ACCESS. COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL DRAWINGS. TRUSS MANUFACTURER TO DESIGN HEADERS TO FRAME THE OPENING THAT SUPPORT THE END REACTIONS OF THE CUT TRUSSES, AND TO DESIGN THE TRUSSES TO SUPPORT THE HEADERS AT THESE LOCATIONS.

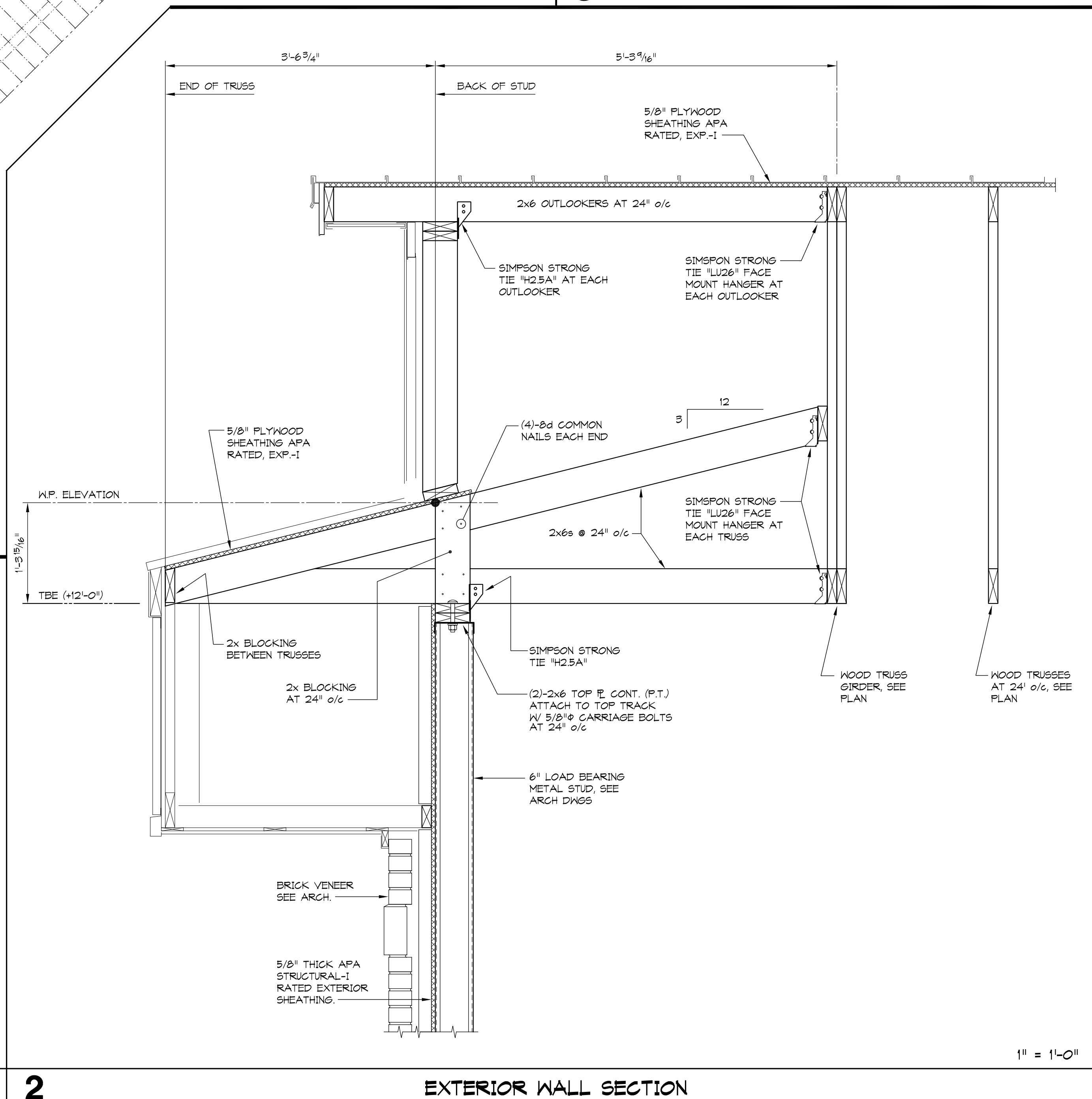
TBE - INDICATES REFERENCED TRUSS BEARING ELEVATION ABOVE FINISHED FLOOR ELEVATION.

TOS - INDICATES REFERENCED TOP OF STEEL ELEVATION ABOVE FINISHED FLOOR ELEVATION.
- SEE MASONRY LINTEL SCHEDULE 5/51.30 FOR SIZE AND TYPE OF MASONRY LINTELS INDICATED ON PLAN AS "L#".
- FIELD VERIFY ALL EXISTING LOCATIONS, CONDITIONS, AND DIMENSIONS SHOWN RELATED TO THE CONSTRUCTION OF THE BUILDING ADDITION. IF ANYTHING SHOWN IS FIELD VERIFIED AS OTHERWISE, CONTACT THE ARCHITECT/ENGINEER BEFORE PROCEEDING.
- THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE METHODS AND MEANS USED IN SHORING, BRACING, AND SUPPORTING THE EXISTING CONSTRUCTION WHILE ERECTING AND INSTALLING THE NEW CONSTRUCTION RELATED TO THE REPAIRS. THIS RESPONSIBILITY APPLIES TO THE ENTIRE PROJECT, TO INCLUDE SHORING, BRACING, AND SUPPORTING OF FLOOR AND ROOF CONSTRUCTION ALONG WITH ANY EXISTING WALLS (LOAD-BEARING AND NON-LOAD BEARING) WHICH ARE TO REMAIN IN THE EXISTING BUILDING. THIS WORK SHALL MEET ALL SAFETY REQUIREMENTS OF LOCAL, STATE, AND FEDERAL AUTHORITIES OR GOVERNING AGENCIES.
- GENERAL CONTRACTOR SHALL COORDINATE WITH THE TRUSS MANUFACTURER'S SHOP DRAWINGS REGARDING THE LAYOUT AND THE DESIGN OF ALL TEMPORARY AND PERMANENT TOP/BOTTOM CHORD BRACING REQUIRED FOR THE INSTALLATION OF THE WOOD TRUSSES. AT A MINIMUM, THE CONTRACTOR SHALL BE SUBSTANTIALLY FAMILIAR WITH THE BUILDING COMPONENT SAFETY INFORMATION (BCSI) DOCUMENT - GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING, AND BRACING METAL PLATE CONNECTED WOOD TRUSSES - JOINTLY PRODUCED BY THE STRUCTURAL BUILDING COMPONENTS ASSOCIATION (SBCA) AND THE TRUSS PLATE INSTITUTE (TPI).
- EXTERIOR SHEATHING - 5/8" STRUCTURAL-1 APA RATED EXTERIOR SHEATHING. ATTACH PLYWOOD TO LIGHT GAGE METAL STUD FRAMING MEMBERS WITH #8 SCREWS AT 6" o/c AT PANEL EDGES AND WITHIN THE FIELD OF THE PANELS

**2**



**3 EXTERIOR WALL SECTION**



**2 EXTERIOR WALL SECTION**