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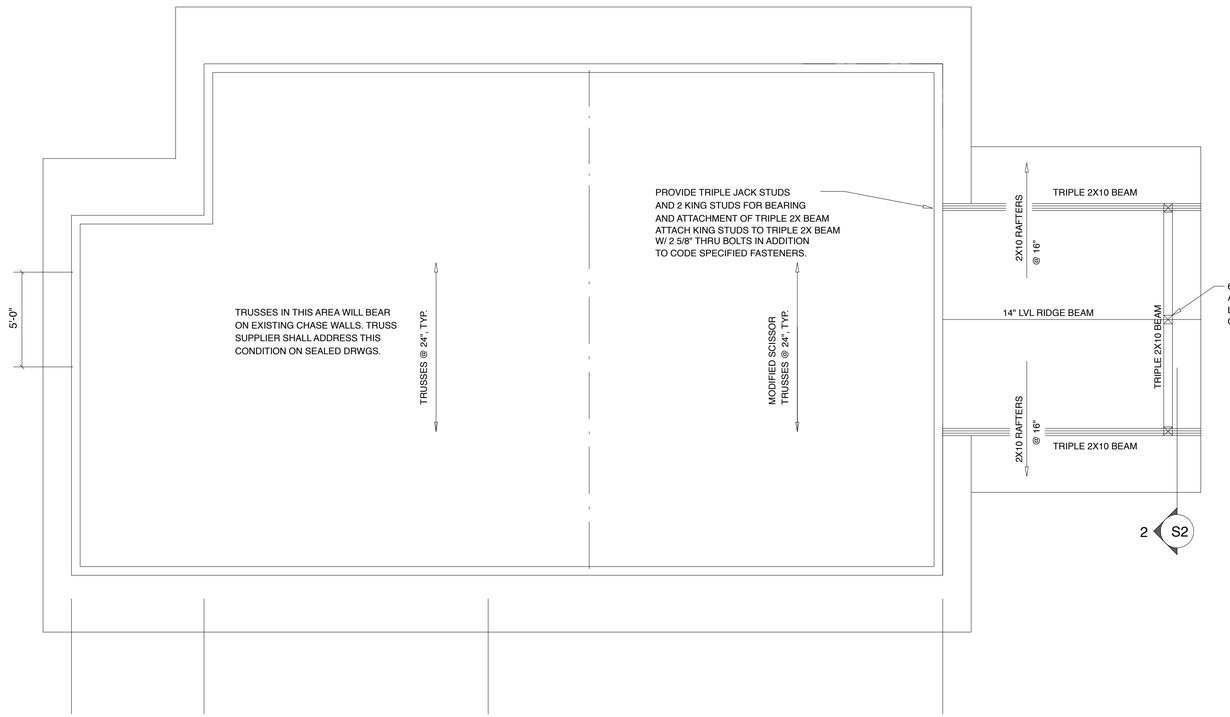
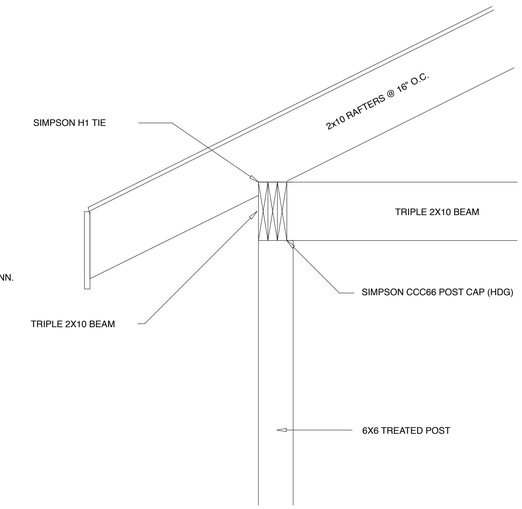
SEE ARCHITECTURAL FOR ALL TRUSS
PROFILES AND DIMENSIONS





2
S2

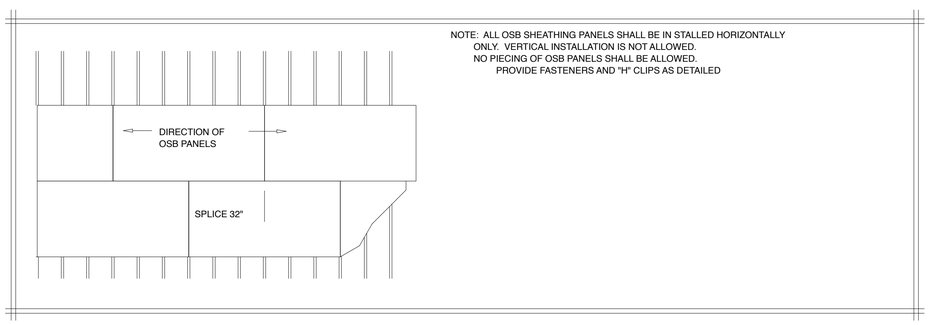
EAVE SECTION

SCALE: 1" = 1'-0"

1
S2

ROOF FRAMING

SCALE 1/4" = 1'-0"



NOTE: ALL OSB SHEATHING PANELS SHALL BE IN STALLED HORIZONTALLY
ONLY. VERTICAL INSTALLATION IS NOT ALLOWED.
NO PIECING OF OSB PANELS SHALL BE ALLOWED.
PROVIDE FASTENERS AND "H" CLIPS AS DETAILED

ROOF DIAPHRAGM SHEATHING

ROOF FRAMING NOTES

1. ROOF TRUSS FABRICATOR SHALL FURNISH SHOP DRAWINGS, ENGINEERING DESIGN COMPUTATIONS, ALL CONNECTIONS AND DETAILS, ALL BRIDGING AND BRACING FOR TRUSSES AS SHOWN IN PROFILE, ALL BEARING THE SEAL OF A REGISTERED ENGINEER SHOWING REGISTRATION IN THE STATE OF NORTH CAROLINA. THE PLACEMENT OF THE ENGINEER'S SEAL WITH THE ENGINEER'S SIGNATURE AND DATE SEALED AND SIGNED CERTIFIES THAT THE WORK HAS BEEN DESIGNED AND CHECKED BY THE ENGINEER AND THAT THE DESIGN AND WORK MEETS THE SPECIFIED REQUIREMENTS AND THE NORTH CAROLINA STATE BUILDING CODE. TRUSS LATERAL X-BRACING, TOP & BOTTOM CHORD LATERAL BRACING SHALL BE AS DEFINED IN HIB-91 FOR PITCHED ROOFS. BRACING SHALL BE SYP #2 (MIN. 2X4'S) AND NAILED AT EACH CONNECTION W/ A MINIMUM OF 2-16d GALVANIZED NAILS.
   SUBMIT SEALED DRAWINGS TO THE STRUCTURAL E.O.R.
2. DESIGN LOADS
   ROOF TRUSSES:
   DEAD LOAD = 12 PSF
   LIVE LOAD = 20 PSF
   SNOW LOAD = 15 PSF
   LIVE LOAD MECH. ATTIC = 50 PSF
3. PROVIDE THE REQUIRED CAMBER IN EACH ROOF TRUSS SO THAT THE D.L. AND L.L. DEFLECTION SHALL BE THE SAME IN ALL PLANES. CAMBER FOR LONG TERM DEAD LOAD DEFLECTION.
4. ALL WOOD MEMBERS USED SHALL BEAR THE IDENTIFICATION GRADE AS CALLED FOR IN THE FABRICATOR'S ENGINEERED AND SEALED DESIGN COMPUTATIONS.
5. LUMBER SHALL NOT BE LESS THAN GRADE NO. 2 SOUTHERN YELLOW PINE OR AS ALLOWED BY FABRICATOR'S ENGINEERED AND SEALED DESIGN COMPUTATIONS.
6. LUMBER SHALL BE GRADED AND MARKED BY SOUTHERN PINE INSPECTION BUREAU.
7. THE ERECTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE BRACING TO RESIST ALL FORCES ENCOUNTERED DURING ERECTION.
8. THE ERECTOR SHALL INSTALL ALL BRIDGING AND BRACING AS CALLED FOR BY THE SEALED SHOP DRAWINGS AND COMPUTATIONS.
9. ANCHORS FOR ROOF TRUSSES SHALL BE AS MANUFACTURED BY SIMPSON STRONG TIE CO., OR USP
10. MODIFIED SCISSOR TRUSSES SHALL HAVE A MAX DEFLECTION OF 1/2" AND A MAX. THRUST OF 1/4". VERIFY THESE CONDITIONS ON SEALED DRAWINGS SUBMITTED TO THE STRUCTURAL E.O.R.

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DocuSigned by:
Bill Ratterree
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10/12/2016

STATE ID# 16-16033-01A
WBS ELEMENT 51213.011

PROJECT TITLE
CHEROKEE COUNTY REST AREA
US 19 AND COVER STREET
ANDREWS, NORTH CAROLINA

PROJECT NO.
1504a

DRAWING TITLE
ROOF

SHEET 2 OF 4

S2

PLOT DATE	10/11/16
REVISION	00/00/08

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