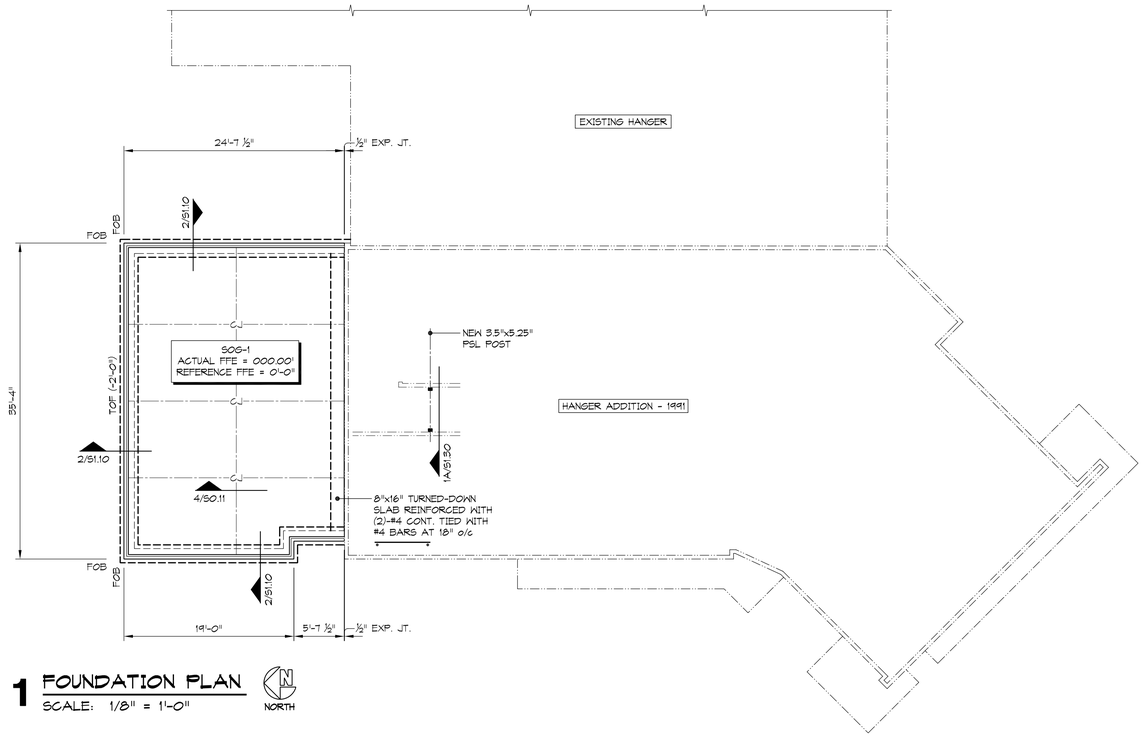


1 FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

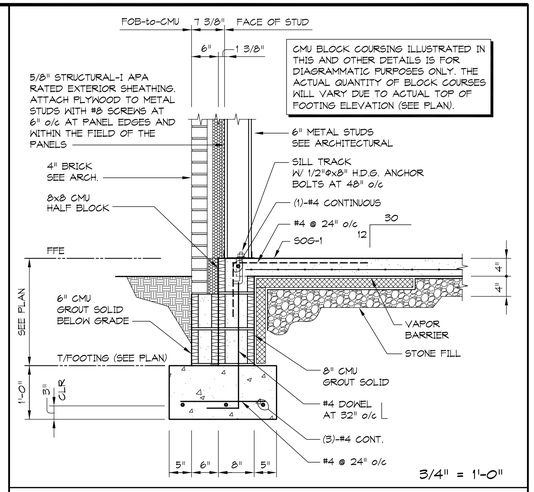
NORTH

FOUNDATION PLAN NOTES

1. ACTUAL FINISHED FLOOR ELEVATION IS 000.00'. REFERENCED FINISHED FLOOR ELEVATION IS (0'-0").
2. TOP OF EXTERIOR FOOTING ELEVATIONS ARE 2'-0" BELOW FINISHED FLOOR ELEVATION 0'-0" UNLESS NOTED OTHERWISE.
3. TYPICAL FLOOR SLAB-ON-GRADE (SOG) CONSTRUCTION UNLESS NOTED OTHERWISE:

SOG-1 (TYPICAL)	4" CONCRETE SLAB 6x6 - W1.4xW1.4 WWF (IN FLAT SHEETS) 4" STONE FILL

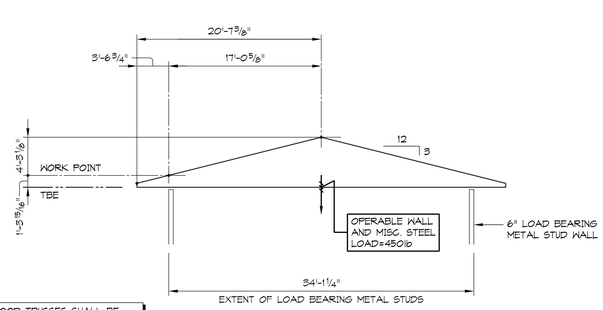
4. SEE ARCHITECTURAL DRAWINGS FOR EXTENT OF SIDEWALKS AND PERIMETER CONCRETE SLABS.
5. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL LOCATIONS AND SIZED OF ALL BRICK VENEER AND MASONRY AND WALL OPENINGS.
6. SF - INDICATES STEP FOOTING DETAIL, SEE DETAIL 3/S1.11
7. NO PIPE SHALL PENETRATE OR BE CAST INTO CONCRETE FOOTINGS. PIPES SHALL PENETRATE STEM WALLS OR BE INSTALLED UNDER ISOLATED AND/OR CONTINUOUS FOOTINGS.
8. 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.
9. THE CONTRACTOR SHALL BE COMPLETELY REPSONSIBLE 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.



3/4" = 1'-0"

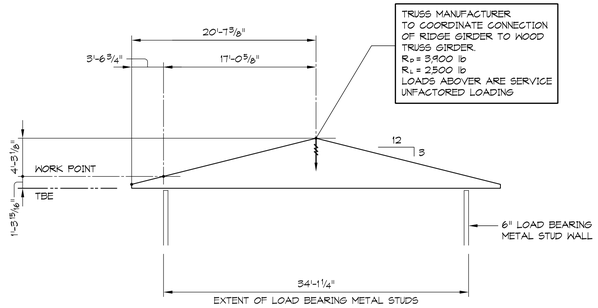
2 SECTION AT EXTERIOR WALL

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 CONTRACTOR SHALL PROVIDE A COPY OF THE WOOD TRUSS SHOP DRAWINGS TO THE MECHANICAL CONTRACTOR FOR COORDINATION OF MECHANICAL DUCT LAYOUT. THE CONTRACTOR SHALL CORDINATE AND FIELD VERIFY ALL EXISTING BUILDING CONSTRUCTION AND DIMENSIONS RELATING TO EXISTING AND NEW CONSTRUCTION. ALL COORDINATION SHALL BE DONE PRIOR TO THE FABRICATION OF ANY WOOD TRUSSES.



ALL WOOD TRUSSES SHALL BE DESIGNED TO BEAR TO THE FULL EXTENT OF LOAD BEARING METAL STUDS SHOWN ON THE DIAGRAMS FOR TRUSS "T" AND THE TRUSS GIRDERS

TRUSS "T"



"sp" TRUSS GIRDER

WOOD TRUSS DESIGN DATA:

ALL TRUSS JOINT CONNECTIONS SHALL BE MADE USING FLEXIBLE CONNECTIONS OF SHEAR PLATES, AND IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE.

ALL WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE 2012 IBC FOR THE FOLLOWING LOADS AS LISTED BELOW:

LIVE LOAD	20 psf
TOP CHORD DEAD LOAD	20 psf
BOTTOM CHORD DEAD LOAD	15 psf

DEAD LOAD INDICATED ABOVE IS IN ADDITION TO THE WEIGHT OF TRUSSES.

TRUSSES SHALL BE DESIGNED AND REPAIRED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF NORTH CAROLINA AND ASSOCIATED WITH THE TRUSS MANUFACTURER. SUBMIT SEALED CALCULATIONS AND SHOP DRAWINGS FOR REVIEW PRIOR TO TRUSS FABRICATION. SHOP DRAWINGS SHALL INDICATE ALL BRACING REQUIRED FOR ERECTION, AND SHALL SHOW PERMANENT BRACING.

TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE ALL CONNECTIONS AND ACCESSORIES REQUIRED FOR COMPLETE ASSEMBLY AND ERECTION OF ROOF TRUSS SYSTEM, INCLUDING ALL COMPONENTS.

PROVIDE SIMPSON STRONG-TIE CONNECTIONS OR EQUIVALENT. SHOW ALL CONNECTION MATERIAL ON SHOP DRAWINGS.

SCALE: NONE

3 WOOD TRUSS PROFILES AND DESIGN INFORMATION

RAMSAY BURGIN SMITH ARCHITECTS
225 NORTH MAIN STREET - SUITE 501
SALISBURY, NORTH CAROLINA 28144
Phone: (704) 633-3121 Fax: (704) 633-5361
Email: info@rbsarch.com (www.rbsarch.com)

PUBLICATION OR REUSE OF THESE DRAWINGS OR ANY DETAILS THEREFROM MUST BE WITH THE WRITTEN CONSENT OF THE ARCHITECT

APPLIED BUILDING SCIENCES
ENGINEERS, ARCHITECTS AND ENVIRONMENTAL CONSULTANTS
5601 SEVENTY-SEVEN CENTER DRIVE
SUITE 225
CHARLOTTE, NORTH CAROLINA 28217
OFFICE: (980) 219-7625

FOUNDATION PLAN AND DETAILS

ROWAN COUNTY AIRPORT

Terminal Expansion

NORTH CAROLINA PROFESSIONAL SEAL 27415 ENGINEER ASHLEY R. AVERY
APRIL 2017

ARA — DRAWN BY
JDG — CHECKED BY
APRIL 2017 — DATE
COMM. NO.

SHEET NO.
S1.10
3 OF 5