JOB NUMBER 20230620

SHEET NUMBER

OF 4 SHEETS

ROOF PLAN NOTES

R-I SEE EXTERIOR ELEVATIONS FOR ROOF PITCH

R-2 ALL OVERHANG 18" UNLESS OTHERWISE NOTED

R-3 PROVIDE ATTIC VENTILLATION IN AC-CORDANCE WITH SCHEDULE ON 3.2

R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HE GHTS

R-5 MOVE ALL VENTS AND OTHER ROOF ENETRATIONS TO REAR

NOTE

SHEATH ROOF W/ 19/32" CDX P\_YWOOD PLACED I/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES SECURE TO FRAMING W/ 10d F NG-SHANK AILS - AS PER DETAIL ON SHEET 5.4

NOTE

THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2023 FBC (8TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS

NOTE

ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING JALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, NCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS JALLS OVER 8-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0", PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER 45 TOP PLATES NOTED ABOVE

### GENERAL TRUSS NOTES:

- TRUSSES SHAL BE DESIGNED EY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "TRESS RATED LUIBER AND IT'S CONNECTIONS", LA EST Ed., ALONG W/THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMP PRARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP FRAUINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS & TRUSS TO TRUSS CONNECTIONS.
- 2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.

5.16 SQFT

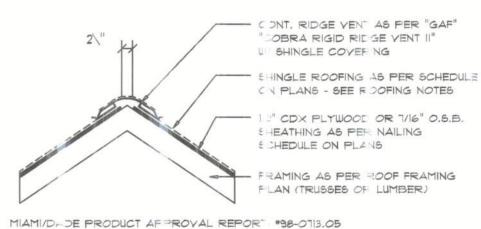
5.16 SF - 2.06 SF = 3.10 SQFT

3. FOLLOWING DE ELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIRMENTS AY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS, THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF FIEVIEW OF LOADS MPOSED ON THE BALANCE OF THE STRUCTURE, AND SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THE

## WOOD STRUCTURAL NOTES

- 1. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPON-SIBILITY OF THE CONTRACTOR SO ENGAGED, TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE-LINES OF THE "TRUSS PLATE INSTITUTE".
- 2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME, TRUSS DESIGN SHALL INCLUDE PLACEMENT FLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- 3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 HEM-FIR OR BETTER.
- 4. CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CON-NECTIONS.

→REA OF	REQ'D L.F.	NET FREE AREA OF INTAKE
500 SF	20 LF	410 SQ.IN.
300 SF	24 LF	490 SQ.IN.
200 SF	28 LF	570 SQ.IN
500 SF	32 LF	650 SQ.IN.
800 SF	36 LF	730 SQ.IN.
100 SF	40 LF	820 SQ.IN.
600 SF	44 LF	900 SQ.IN.



Ridge Vent DETAIL

SCALE: 3/4" = 1'-0"

ROOFING METALS for FLASHING/ROOFING

MINIMUM

THICKNESS (in)

0.024

0.0173

26 (ZINC

COATED G90)

# ATTIC YENTILATION CALCULATION

AREA OF ATTIC:

AREA OF REQ'D VENTILATION: 1,549 SF/300 = MINIMUM RIDGE YEN" REQ'D: 5.16 SF X 40% = 2.06 SQFT

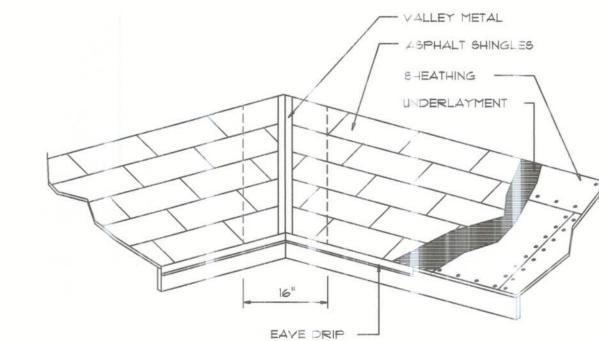
MIN. SOFFIT VENT REQ'D: OFF-RIDGE VENT PROVIDED: AREA OF VENTILATION AT

OFF-RIDGE VENT @ 16.9 SQIN/LFT = 507 SQIN / 144 = 3.52 SQFT

30 LF

1,549 SQFT

3.52 SF > 3.10 SF, .: OK



MINIMUM THICKNESS REQUIREMENTS

VALLEY FLASHING

MATERIAL

STAIN\_ESS STEEL

GALVANIZED STEEL

COPFER

ALUM NUM

SHOP DWG COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCLMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWING LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS. THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRIWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPARABLE UPLIFT CONNECTORS AND THAT THE PRODUCTS THAT

PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS AFPROVED BY THE BUILDING OFFICIAL.

THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENCED PROFESSIONAL ENGINEER.

# PROJECT COORDINATION REQUIREMENTS

NOTICE AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES RULES AND REGULATIONS, N.P. GEISLER, ARCHITCT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEDERAL), IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORT ONS OF THE WORK, YOU WILL NEED

## ZINC -LLOY 0.02 LEAD PAIN ED TERNE

Roofing/Flashing DETS.

SCALE: NONE



WEIGHT

20

**S.2** 

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

-CONSTRUCT EXTERIOR WALLS W/ (2) TOP F\_ATES & 1 SILL

PLATE, 2X 4 STUDS @ 16" O.C. SHEATH WALL W/ 7/16" OSB,

APPLIED W/ 3d COMMON NAILS @ 4" O.C. ALONG EDGES

10'-0" RIDGE VENT

\$ 8" O.C. ALONG INTERMEDIATE SUPPORTS

FASTEN TOP PLATE WITH 16d NAILS AT

12" O.C., TYPICAL T.O.

4x 4 PT SP #2 WD POST, WRAPPED

W/ "SIMPSON" ABU44 POST BASE, 2 LOC.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS, SOME OF

THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN

ADDITION TO TYPICAL NAILING, ANCHOR DEVICES SHALL BE REQUIRED FOR

PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY

THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS, THE UPLIFT ANCHOR

ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE

SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

TO 8" SQUARE. ANCHORED

H2.5A STRAPS & 6 - 10" NAILS

OR WITH "SIMPSON"

SDWC15600 MIN. I SCREW AT EA.

10'-(" RIDGE VENT

20'-0' F/ALSE

DBL 2x 10 SP #2 WD GIRDER

ANCHOR BEAM TO END/LINE POSTS-

W/ "SIMPSON" EPC44/PC44

POINT OF BEARING

DBL. 2XIO HEADER

PER 5.4 MINIMUM

TYPICAL HEADER

10'-0" RIDGE VENT

ANCHOR GIRDER

Roof Framing PLAN

SCALE: 1/4" = 1-0"

ANCHOR GIRDER TRUSS(ES) TO HEADER

WITH 2 "SIMPSON" LGT(2, 3 OR 4),

ANCHOR HEADER TO KING STUDS 11/

2 "SIMPSON" ST22 EA. END - TYP., T.O.

REFER TO THE WINDOW/DOOR HEADER

SCHEDULE ON SHEET S.4 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATES

MINIMUM SIZE ALLOWABLE IS 2-2XIO.

NOTE

NOTE

BEAM TO WALL W/ (2) SIMPSON ST-22 STRAPS (EA. END OF BEAM)