

STANDARD HEADER SCHEDULE

- 0'-0" UP TO 6'-0" OPENINGS**  
DOUBLE 2x6 No.2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA4 TOP AND 1 - SIMPSON BRPH4 BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 1 FULL HEIGHT STUD EACH SIDE OF OPENING
- 6'-0" UP TO 9'-0" OPENINGS**  
DOUBLE 2x6 No.2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA4 TOP AND 2 - SIMPSON BRPH4 BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING
- 9'-0" UP TO 16'-0" OPENINGS**  
DOUBLE 2x6 No.2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTA4S EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING
- 16'-0" GARAGE DOOR OPENINGS**  
2 PLY 1/4" x 11/16" 2.0E MICROLAM LVL HEADER GLUED AND NAILED WITH 10d x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTA4S EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

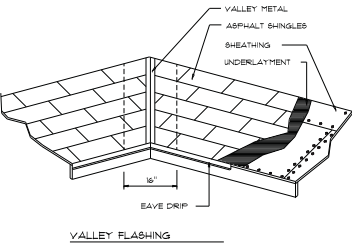
**NOTE:**  
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. REQUIRE TO TRUSSING W/ 8d NAILS - AS PER DETAIL ON SHEET SD-4

**NOTE:**  
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

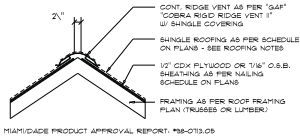
**NOTE:**  
WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING.

TO LIMIT CAVITY HEIGHT TO 8'-0", PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES. NOTED ABOVE

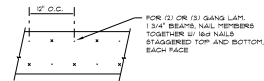
**NOTE:**  
ANCHOR ORDER TRUSSES (B) TO HEADER WITH 1" SIMPSON LOTS 3 OR 4. ANCHOR HEADER TO KING STUDS W/ 2" SIMPSON ST2 BA. END - TYP. - T.O.



AREA OF ATTIC	REQD L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ. IN.
1800 SF	24 LF	490 SQ. IN.
2200 SF	28 LF	570 SQ. IN.
2600 SF	32 LF	650 SQ. IN.
3000 SF	36 LF	730 SQ. IN.
3400 SF	40 LF	810 SQ. IN.
3600 SF	44 LF	890 SQ. IN.



Ridge Vent DETAIL  
SCALE: 3/4" = 1'-0"



MULTIPLE GANG LAM. DETAIL  
NOT TO SCALE



PLYWOOD FLITCH BEAM DETAIL  
NOT TO SCALE

B/U Beam DETAILS

SCALE: NONE

WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE TRUSS PLATE INSTITUTE.
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE TRUSS PLATE INSTITUTE.
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN 4x12 HEIFER OR BETTER.
- 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 CONNECTIONS.

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (LB./SQ. FT.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0178	26 (ZINC COATED G90)	
ZINC ALLOY LEAD	0.021		40
PAINTED TERNE			20

Roofing/Flashing DETS.

SCALE: NONE

ROOF FRAMING PLAN  
SCALE: 3/16" = 1'-0"

ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANGS 18" (2' on gables) UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD-3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL ROOFING PRODUCTS ASSOCIATION" MANUAL FOR "TRUSS RATED LUMBER AND ITS CONNECTIONS" LATEST EDITION, ALONG W/ THE TRUSS PLATE INSTITUTE SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS. & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GABLES. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

REVISIONS	
MAY 10th, 2021	

Scheffler Residence  
LAKE CITY, FLORIDA



SHEET NUMBER  
S.2  
OF 4 SHEETS

Digitally signed by N. P. GEISLER  
DN: CN = N. P. GEISLER C = US O = AR0007005  
Date: 2021.05.18 10:36:50 -0500

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