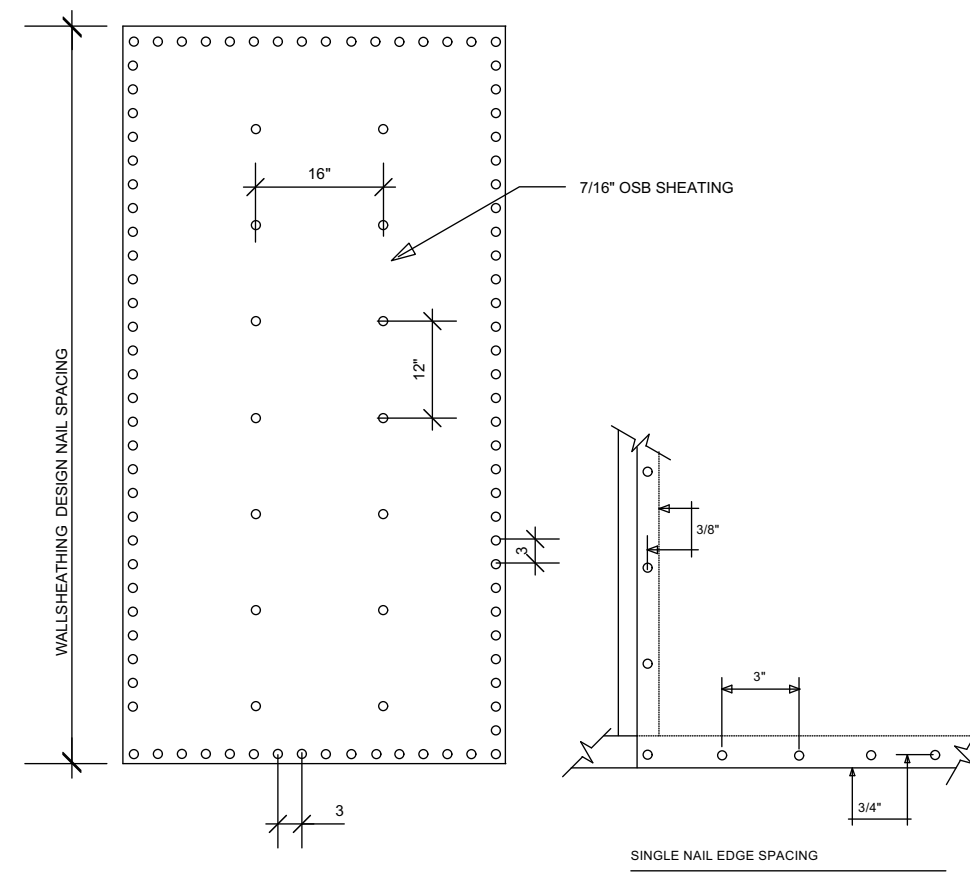


MAXIMUM HEADER SPAN IN FEET						
3'	6'	9'	12'	15'	16'	
NUMBER OF HEADER STUDS SUPPORTING END OF HEADER						
1	1	2	2	2	2	
NUMBER OF FULL LENGTH STUDS AT EACH END OF HEADER						
UNSUPPORTED STUD WALL HEIGHT SPACING	10 FT. OR LESS	16 IN.	1	2	2	2
GREATER THAN 10 FT.	16 IN.	1	2	2	2	3

FRAMING DETAILS FOR OPENINGS

COMPONENT & CLADDING DESIGN PRESSURES:				
COMPONENT & CLADDING DESIGN PRESSURE LOADS: SUPPLIERS / MANUFACTURERS OF ALL CLADDING AND COMPONENTS (INCLUDING, BUT NOT LIMITED TO: SIDING, ROOFING, DOORS, WINDOWS, AWINGS, ETC.) WILL SUBMIT REPORTS & DATA SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA DOCUMENTING COMPLIANCE WITH THIS PROVISION OF THE FLORIDA BUILDING CODE, 2020 7th EDITION WITH SUPPLEMENTS				
BASIC WIND SPEED 140 MPH ROOF SLOPE 20°-27° INTERNAL PRESSURE COEFFICIENT .18				
*A' DIMENSION = 4'				
COMPONENT & CLADDING				
COMPONENT AND CLADDING WIND LOADS FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 30 FEET LOCATED IN EXPOSURE B (psf) RISK CATEGORY II				
HIP ROOF >20 TO 27 DEGREES	ZONE	EFFECTIVE WIND AREA	POS	NEG
	1	10	15.8	-28.3
	1	20	13.6	-25.1
	1	50	10.8	-20.8
	1	100	10.0	-17.6
	2e, 2r, 3	10	15.8	-39.1
	2e, 2r, 3	20	13.6	-34.9
	2e, 2r, 3	50	10.8	-29.4
	2e, 2r, 3	100	10.0	-25.3
	5	500	15.8	-17.6
WALLS	ZONE	EFFECTIVE WIND AREA	POS	NEG
	4	10	21.2	-22.9
	4	20	20.2	-22.0
	4	50	19.0	-20.7
	4	100	18.0	-19.8
	4	500	15.8	-17.6
	5	10	21.2	-28.3
	5	20	20.2	-26.4
	5	50	19.0	-23.9
	5	100	18.0	-22.0



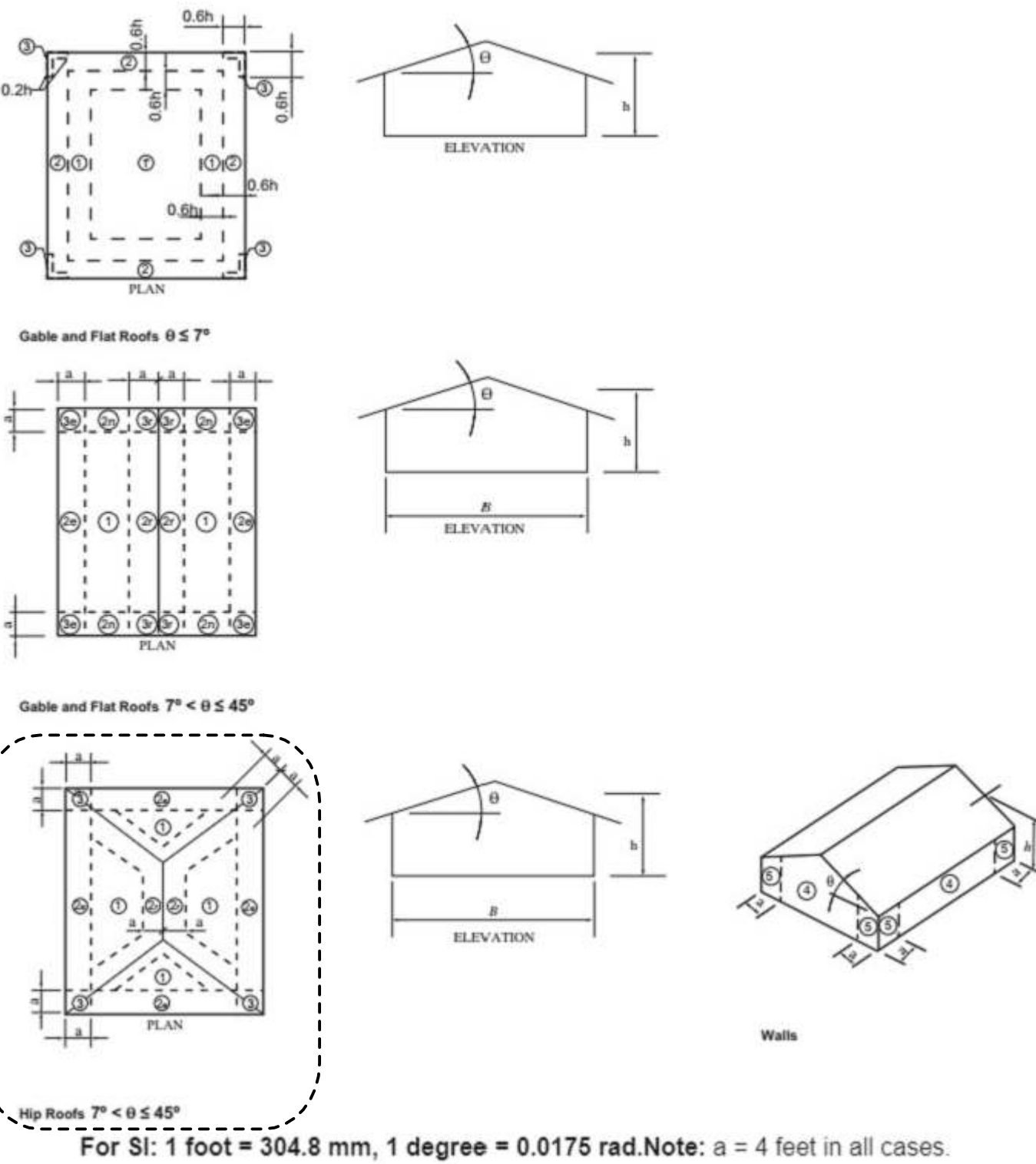
SHEATHING NAILING PATTERN

WOOD FRAME CONSTRUCTION

MANUFACTURER: SIMPSON HOLD DOWN		
TRUSS/GIRDER	HOLD DOWN	NAILS
UPLIFT		
O-995	H10	8-8d
995-2200	H10 and H15	8-8d 4-10d4-10d 12-10d
2200-3965	MGT	22-10d
INTERIOR FRAME BEARING WALL UP TO 995	H10	TRUSS 8 8d TOP PLATE 8 8d

EQUAL OR SUPERIOR STRAPS MAY BE USED IN EACH CONDITION UPLIFT INDICATED IN POUNDS

TRUSS HOLD DOWN SCHEDULE



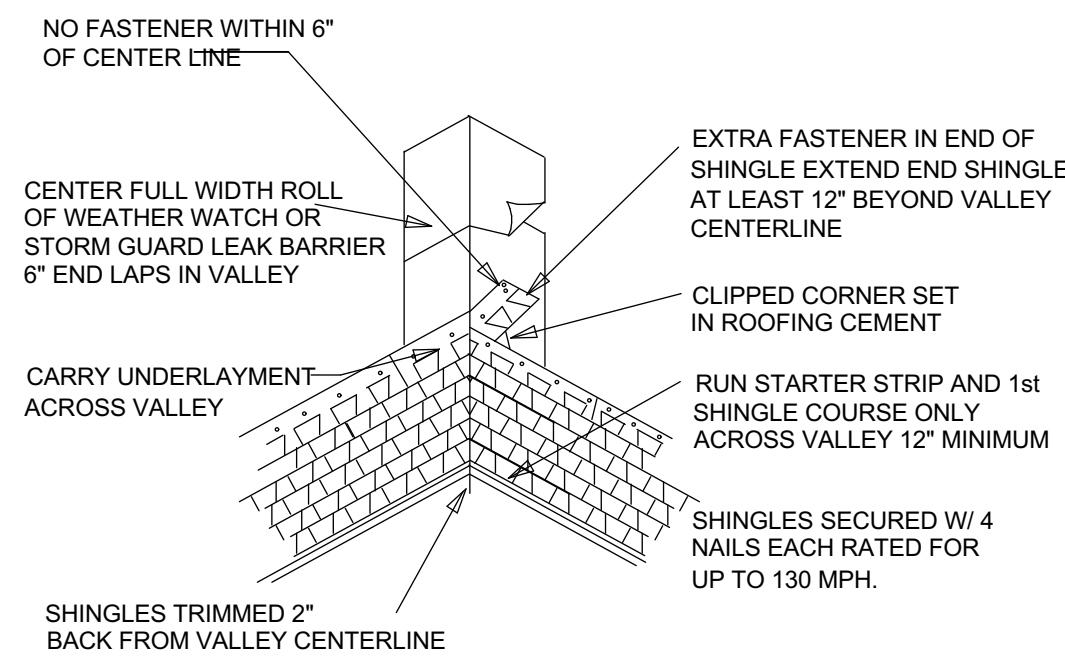
SHEATHING SHALL BE FASTENED TO ROOF W/ 8D COMMON , 8D HOT DIPPED GALVANIZED BOX NAILS OR 10 1/4 GAGE X 2" MINIMUM LENGTH POWER NAILS @ 4" O.C. ON SHEET EDGES AND 12" O.C. IN SHEET FIELD EXCEPT AS NOTED BELOW.

- ZONE 2e, 2r & 3 USE FASTENERS @ 4" O.C. ON SHEET EDGES AND 4" O.C. IN SHEET FIELD
- SPACE FASTENERS 4" O.C. MIN. @ GABLE ENDWALL OR GABLE TRUSS.

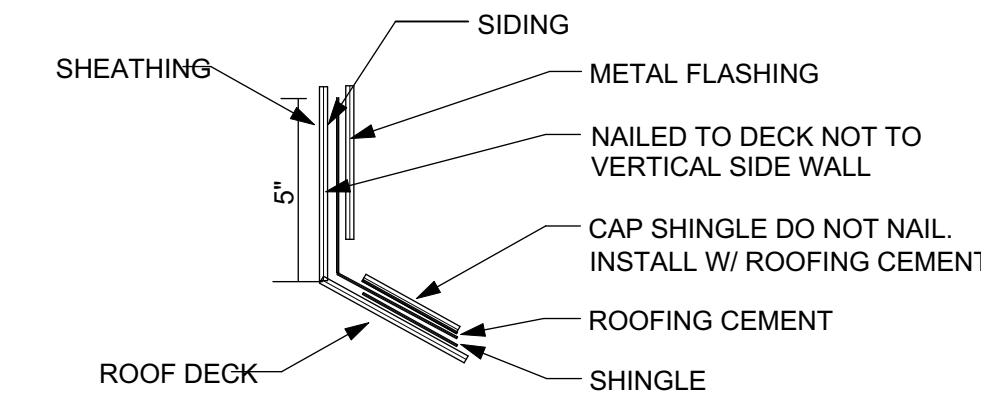
SHINGLE INSTALLATION DETAILS

APPLY TO SHINGLES MADE BY THE FOLLOWING MANUFACTURERS WHICH HAVE BEEN APPROVED FOR 110 MPH WIND RESISTANCE

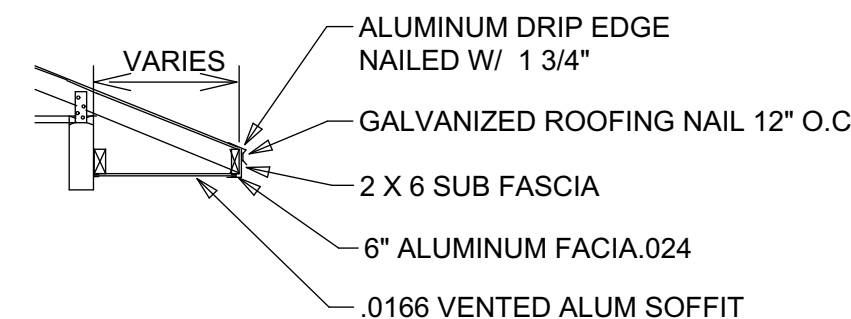
MARQUIS/MARQUIS WEATHER MAX
SLATELINE
COUNTRY MANSION
COUNTRY ESTATES
TIMBERLINE 30
TIMBERLINE SELECT
TIMBERLINE ULTRA SENTINEL
GRAND CANYON
GRAND SEQUOIA
IF CONTRACTOR USES ANOTHER BRAND, CONTRACTOR SHALL PROVIDE INSTALLATION DETAILS



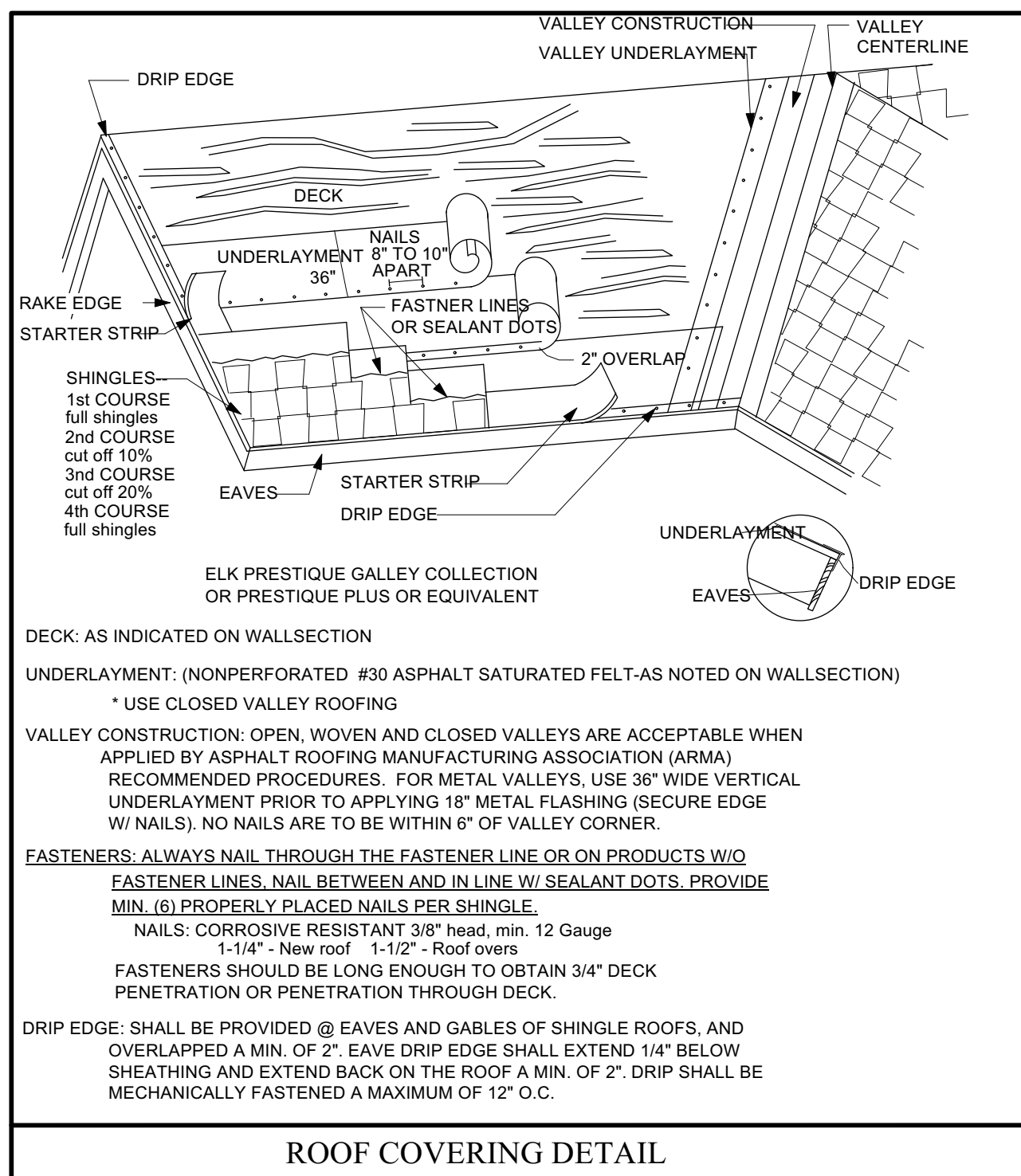
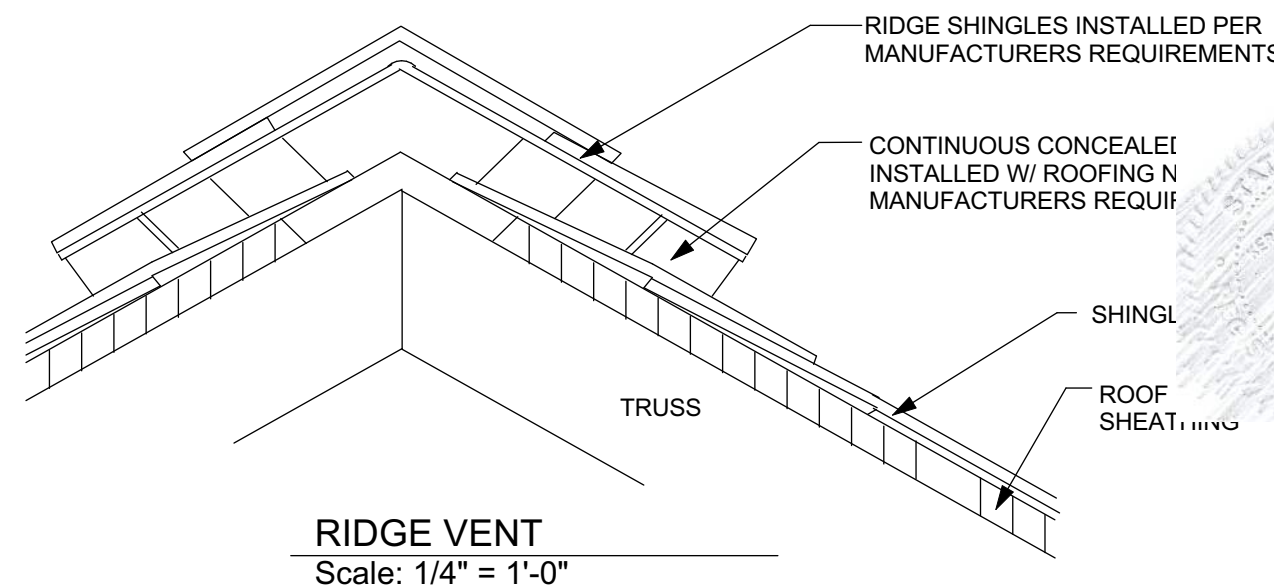
VALLEY CONSTRUCTION CLOSED CUT



WALL FLASHING (SLOPED ROOF TO VERTICAL WALL)



SOFFIT AND FACIA INSTALLATION



THESE PLANS ARE NOT TO BE REVISED, REPRODUCED OR DUPLICATED IN ANY WAY WITHOUT WRITTEN CONSENT OF KERMIT HUGHES ARCHITECT. ANY REVISIONS OF THESE PLANS WITHOUT WRITTEN CONSENT OF KERMIT HUGHES ARCHITECT SHALL ENDEAVOR OF ANY RESPONSIBILITY RELATED TO THE PROJECT.

DATE ISSUED 04-22-2022
REVISED

DRAWN BY: KERMIT
APPROVED BY: KERMIT

ARCHITECTURAL DETAILS

ROOFING DETAILS, GARAGE DOOR BUCK

JBCM
IRMA MODEL

LAKE CITY FLORIDA

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S101

4 OF 4

04-23-2022