

Custom Home Design for:

Holly Castagna

Columbia County, Florida

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N. P.
GEISLER

Digitally signed by: N. P. GEISLER
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C = US O = AR0007005
OU = ARCHITECT
Date: 2022.01.10 14:17:
44 -05'00'

REVISION:

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N.P. Geisler, Architect
AR0007005

DRAWN:

mpg

CUSTOM HOME DESIGN for:

LAKE CITY, COLUMBIA COUNTY, FLORIDA

COVER SHEET



DATE:
29 JUL 2021

COM:

2K2131

SHEET:

C6.1

1 of 1

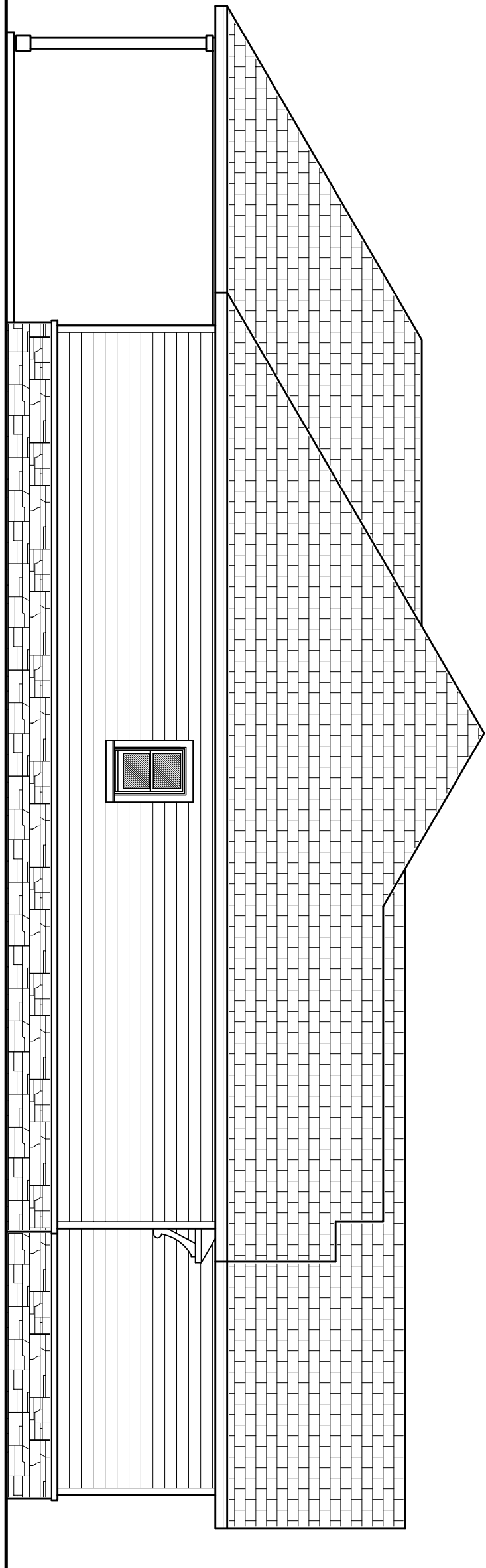
AR0007005

NOTE !!!

ROOF SHINGLES SHALL BE OF THE FOLLOWING MANUFACTURERS AND MODELS:

TAKKO ROOFING PRODUCTS	GAF MATERIALS CORP.	ELK PREMIUM ROOFING
GLASS 454L AS	ROYAL SOBERON	BLUES PROBLE #
ELITE GLASS 454L AS	WEATHER MAX	PRESTIGE HIGH DEFINITION
HERITAGE 30 AS	BLATHE	PRESTIGE 35 #
HERITAGE 40 AS	PROGRESSIVE	PRESTIGE 30 #
HERITAGE 50 AS	GRAND SEQUOIA	PRESTIGE 1 #
TAKKO REQUIRED NAILSHINGLE # 4	COUNTRY NATION	PRESTIGE PLUS #
	COUNTRY ESTATES	PRESTIGE GALLERY COLLECTION
	THUNDER BOLT 40	CASCADE #
	THUNDER ULTRA	
	SEVENEL	
	GAF REQUIRED NAILSHINGLE # 4	ELK REQUIRED NAILSHINGLE # 4
		# 4.5 NAILS
		# 6 NAILS

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE I MODIFIED TO 120 MPH WINDS & REC 145 IBO USING THE SPECIFIED NAILS

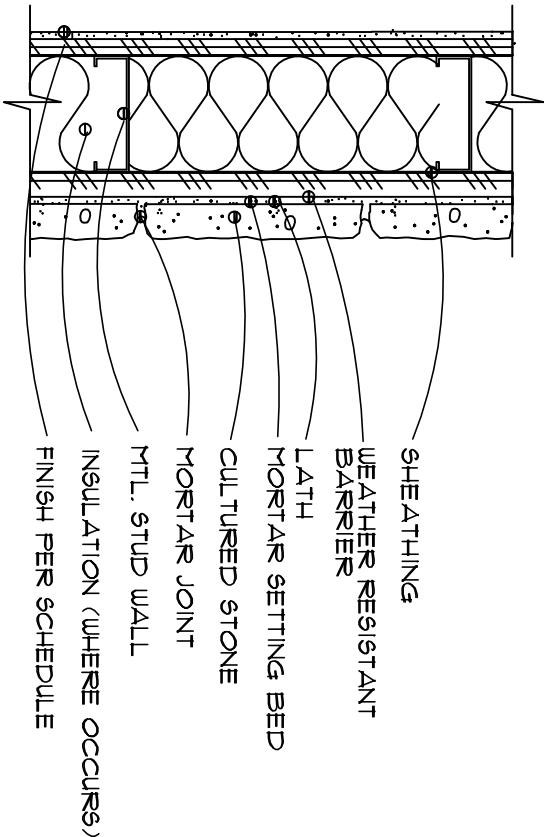


Right Side ELEV.

SCALE: 3/16" = 1'-0"

EXTERIOR FINISH MATERIALS:

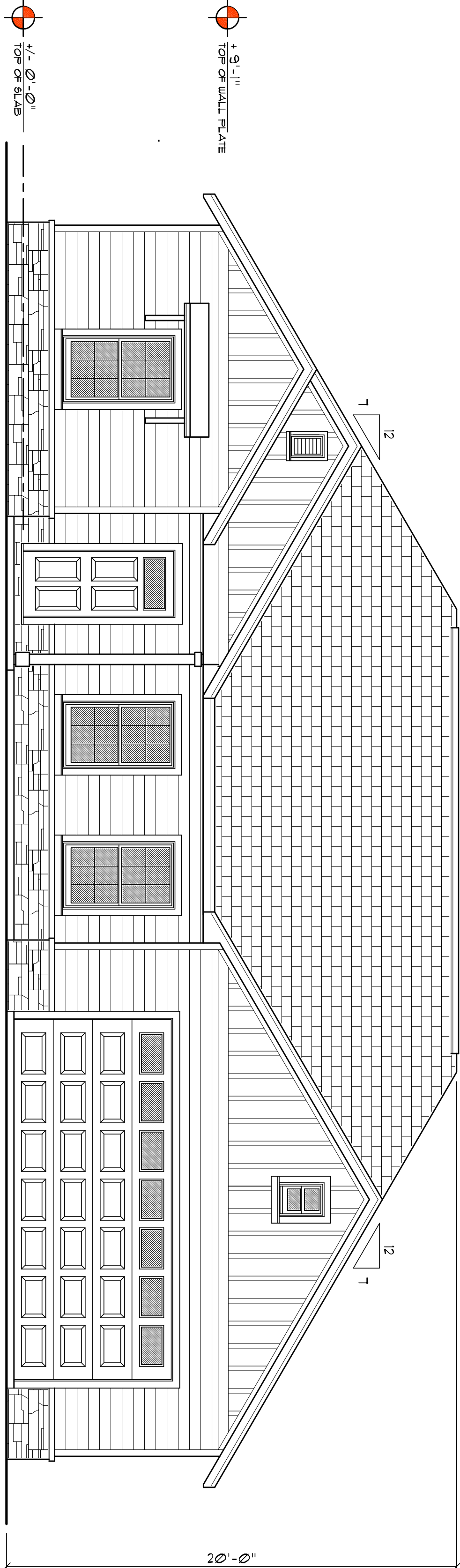
- 1 CONT. RIDGE VENT TO MATCH ROOFING
- 2 FINISH ROOFING AS SELECTED BY OWNER
- 3 MTL. FLASHING ON WOOD FASCIA
- 4 PORCH BEAM - SEE PLANS FOR SIZE
- 5 FIBERGLASS ENTRY DOOR STYLE SELECTED BY THE OWNER - PAINTED FINISH
- 6 HARD EBOARD SIDING - SELECTED BY OWNER
- 7 CONCRETE PORCH DECK W/ WOOD FLOAT FINISH & TPOLED EDGES
- 8 SINGLE HUNG ALUMINUM WINDOWS W/ DBL. GLAZING, AS SELECTED BY OWNER
- 9 N/A
- 10 P/T WOOD PORCH POSTS, PAINTED & PAINTED DIRECTED BY OWNER
- 11 CONCRETE FOUNDATION - FINISH AS DIRECTED BY OWNER
- 12 CULTURED STONE - COBBLEFIELD PATTERN OR AS SELECTED BY THE OWNER



INSTALLATION OVER SHEATHING

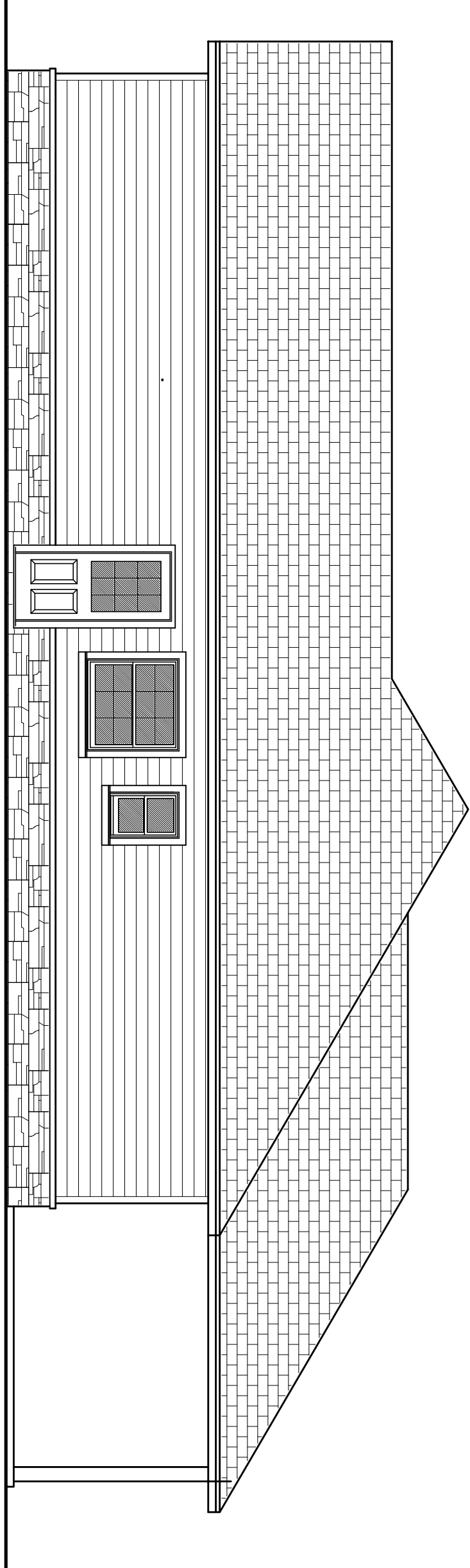
CULTURED STONE DET.

SCALE: NONE



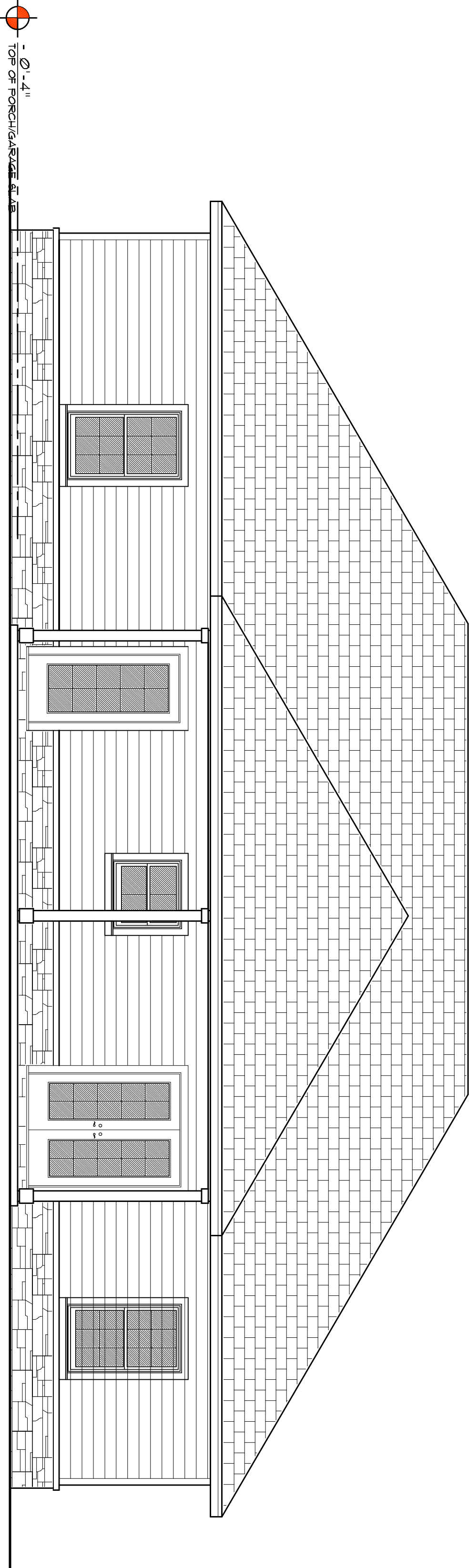
Front ELEVATION

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



Left Side ELEV.

SCALE: 3/16" = 1'-0"



Rear ELEVATION

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

WINDOW SCHEDULE

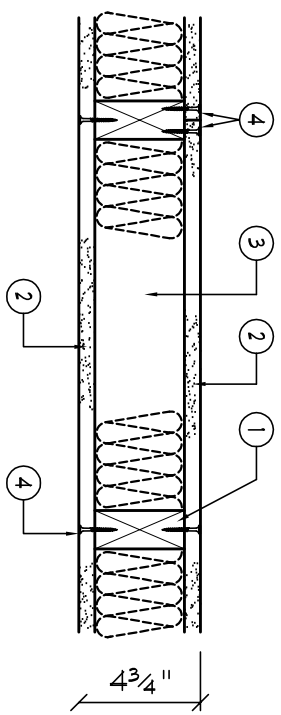
MARK	DESCRIPTION	INSTALLATION	MODEL	NOTES
30230	SINGLE HUNG ALUM. 9'6\"	IF ROOFING NAILS - 3 PER FLANGE MAX 18\"	SERIES 650	-
30250	SINGLE HUNG ALUM. 9'6\"	IF ROOFING NAILS - 3 PER FLANGE MAX 18\"	SERIES 650	-
2-30250	SINGLE HUNG ALUM. 9'6\"	IF ROOFING NAILS - 3 PER FLANGE MAX 18\"	SERIES 650	-
3-30250	SINGLE HUNG ALUM. 9'6\"	IF ROOFING NAILS - 3 PER FLANGE MAX 18\"	SERIES 650	-

ALL WINDOWS ARE INSTALLED AND WEATHERSTRIPPED AS MANUFACTURED BY THE HOME PRODUCTS, INC.
- OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS
NOTE: VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION

NOTE !!!
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:
SERIES ENERGY 6-8 WE INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS PER D BY FREEDOM ENTRY SYSTEMS

NOTE !!!
WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCTS:
THE HOME PRODUCTS, INC., SERIES 450/650 ALUMINUM WINDOWS SINGLE HUNG 1 1/2 & 3 MILLED UNITS, PICTURE PER ASTM E 283, ASTM E 330 & ASTM E 541

Design No. U333
Bearing Wall Rating-1 Hr.
Finish Rating-23 Min.



1. Wood Studs - Nom 2 by 4 in., spaced 16 in. O.C. effectively cross-braced.
2. Gypsum Wallboard - 5/8 in. thick, 4 ft. wide, applied either vertically or horizontally, screw attached to studs and plates with 1 1/4 in. long Type U steel screws, spaced 12 in. O.C.
3. Joints and Nailheads - Nailhead joints covered with paper tape and joint compound. Screws and plates covered with joint compound. Bearing the UL Classification Rating.
4. Joints and Nailheads - Nailhead joints covered with paper tape and joint compound. Screws and plates covered with joint compound. Bearing the UL Classification Rating.

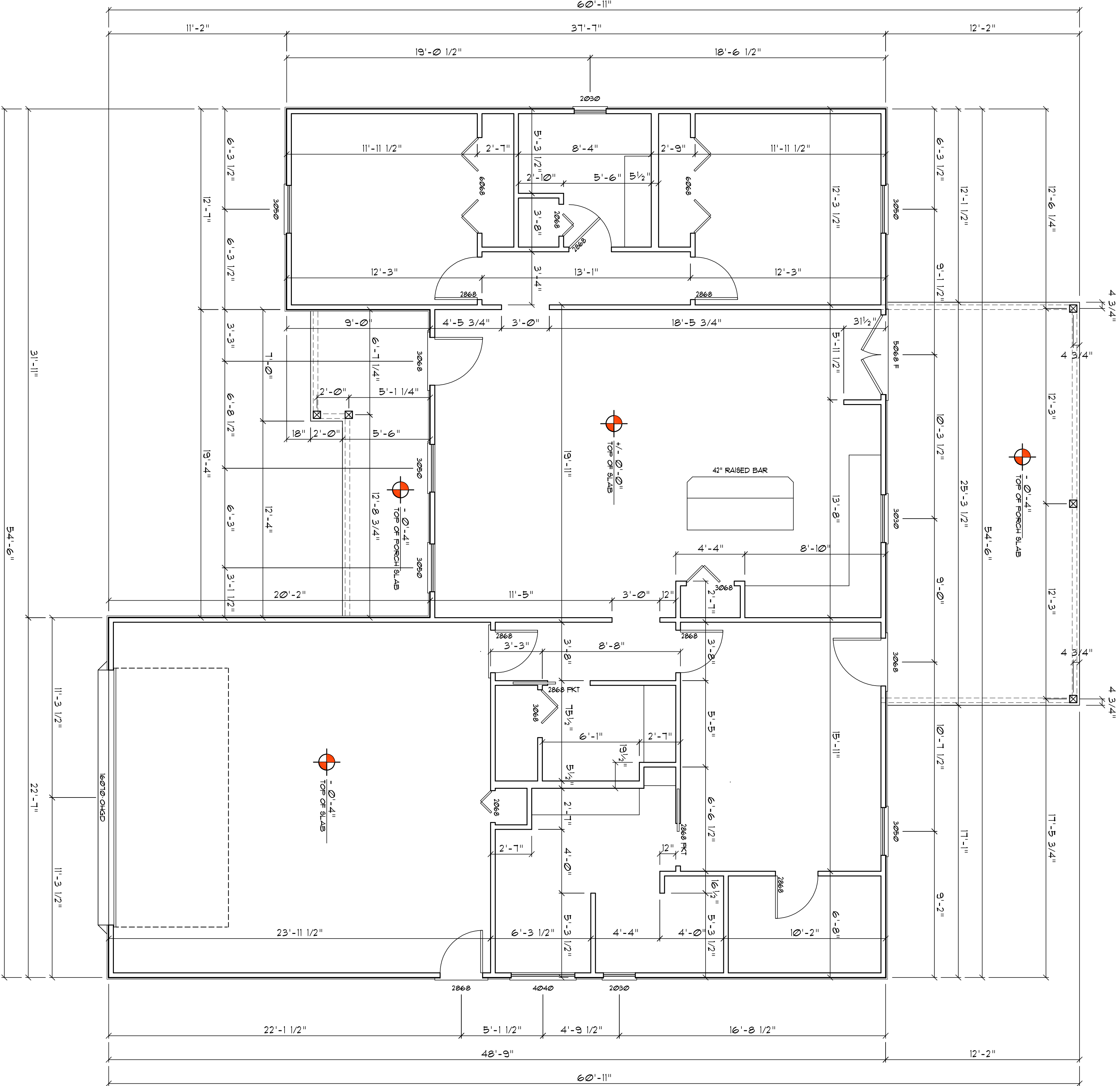
AREA CALCULATION

GROSS FLOOR AREA:	1566.5 SF
GARAGE AREA:	540.0 SF
COVERED ENTRY PORCH AREA:	120.3 SF
COVERED REAR PORCH AREA:	301.1 SF
TOTAL AREA:	2554.5 SF
NET HVAC VOLUME:	15183.4 CUFT

TEMPERED GLASS NOTES:

THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING.

1. GLAZING IN SLIDING DOORS AND FIXED AND SLIDING PANELS OF SLIDING (PATIO) DOOR ASSEMBLIES.
2. GLAZING IN DOORS AND WALLS OF ENCLOSURES FOR HOT TUBS, whirlpools, SAUNAS, STEAM ROOMS, BATHUBS, SHOWER, AND OTHER SUCH FACILITIES WHERE SUCH GLAZING IS LOCATED 36 INCHES (914 MM) OR LESS MEASURED HORIZONTALLY FROM A STANDING OR WALKING SURFACE WITHIN THE ENCLOSED AREA. THE EXPOSED EDGE OF THE EXPOSED GLAZING IS LESS THAN 60 INCHES (1524 MM) MEASURED VERTICALLY ABOVE SUCH STANDING OR WALKING SURFACES.
3. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24 INCH (609 MM) RADIUS OF THE DOOR IN A CLOSED POSITION. THE DOOR IS LESS THAN 60 INCHES (1524 MM) ABOVE THE FLOOR OR WALKING SURFACE.
- EXCEPTION: GLAZING IN WALLS PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION IN GROUP R3 OR WITHIN DWELLING UNITS IN GROUP R2 SHALL BE SUBJECT TO 2004 IBC 2405.2(1.4).
4. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 2 AND 3 ABOVE THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 41. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ FT (844 MM²).
 42. BOTTOM EDGE LESS THAN 18 INCHES (457 MM) ABOVE THE FLOOR.
 43. TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR.
 44. ONE OR MORE WALKING SURFACES WITHIN 36 INCHES (914 MM) HORIZONTALLY OF THE PLANE OF THE GLAZING.



DIMENSION PLAN

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

NOTE!
ALL INTERIOR PARTITION WALLS ARE
3 1/2" THICK UNLESS NOTED OTHERWISE.

NOTE!
ALL EXTERIOR WALLS ARE 2X4 STUDS W/
1/2" THICK CDX PLYUD SHEATHING (4")

NOTE!
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET
LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF
BACKING TO BE 1'-0" AFF.

DATE
29 JUL 2021

COMK
2K2131

SHEET
A.3
3 OF 9

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Rd.
Lake City, FL 32055
386-365-4355

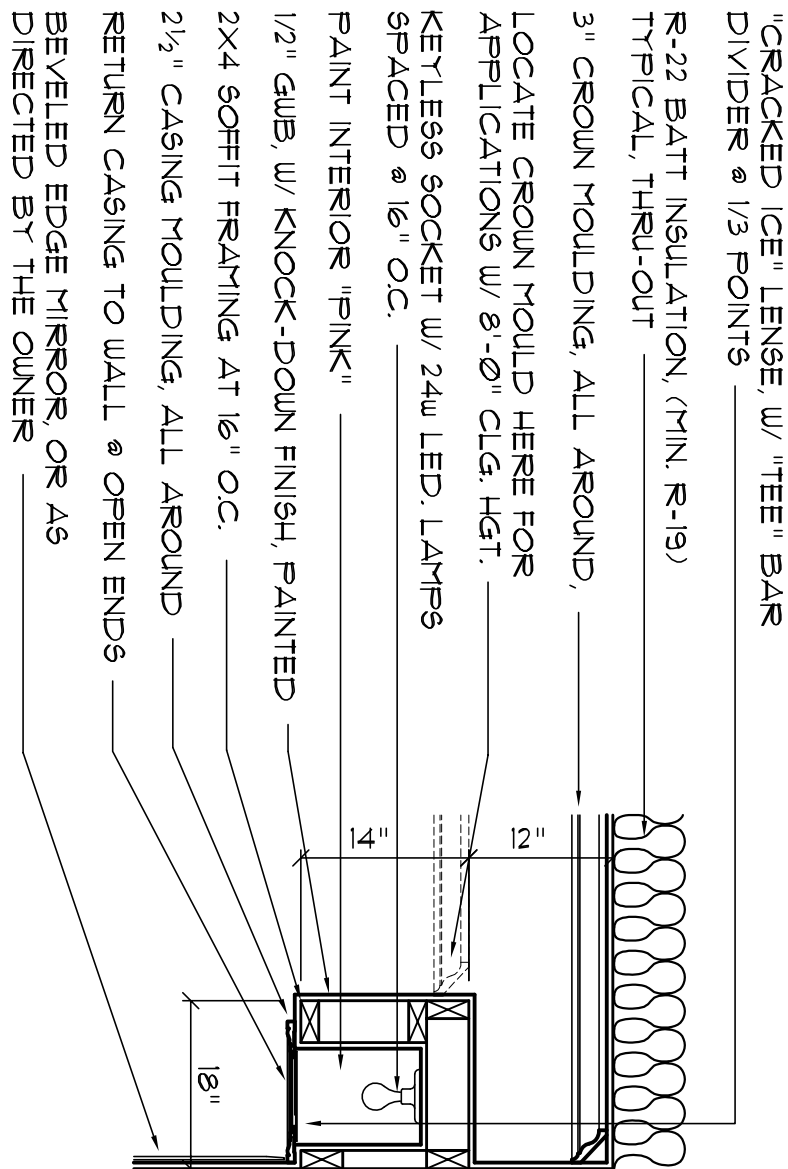
Celebrating
49 Years of Service

1972 - 2021
N.P. Geisler, Architect
AR0007005

CUSTOM HOME DESIGN for:
LAKE CITY, COLUMBIA COUNTY, FLORIDA
DIMENSION PLAN

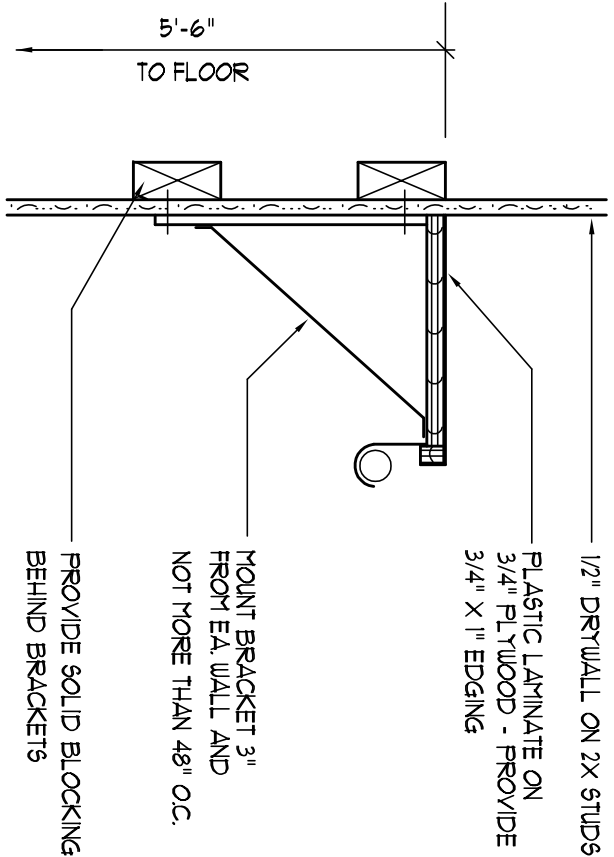
DRAWN
178

REVISION



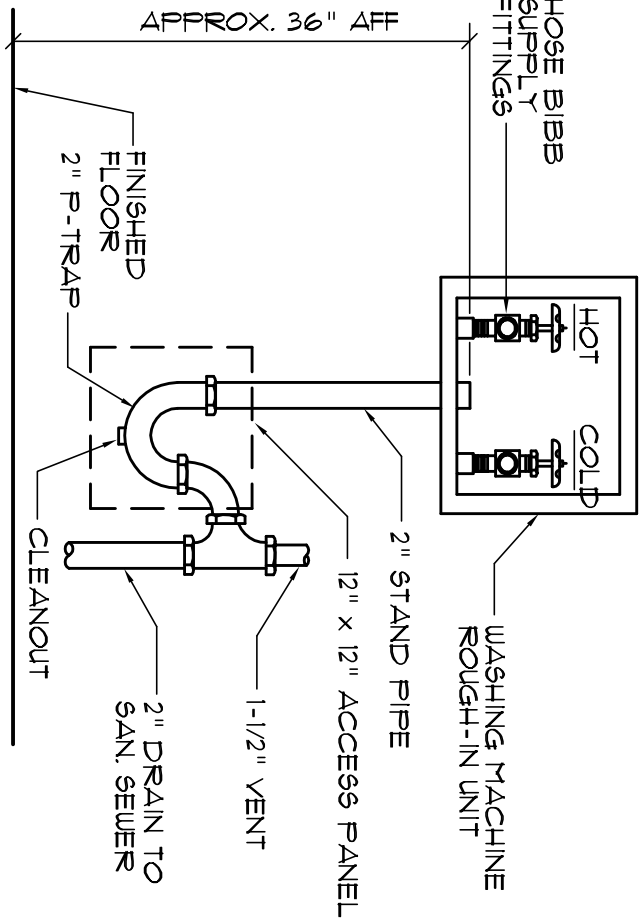
Lighting Soffit Detail

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



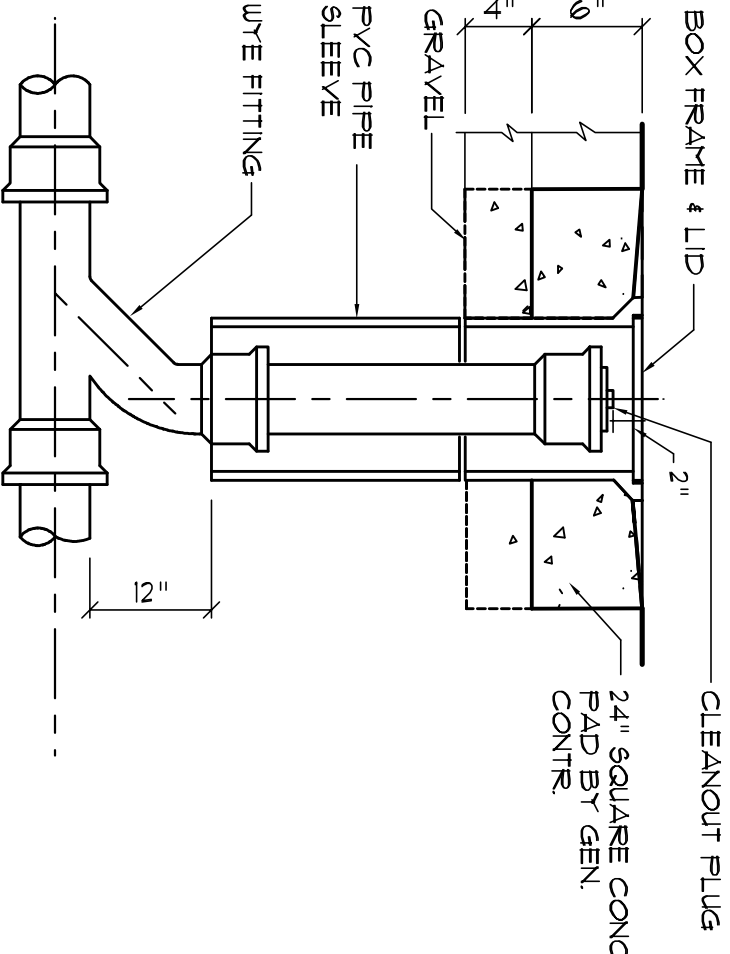
Closet Rod & Shelf Detail

SCALE: NONE



Washing Machine Det.

N.T.S.

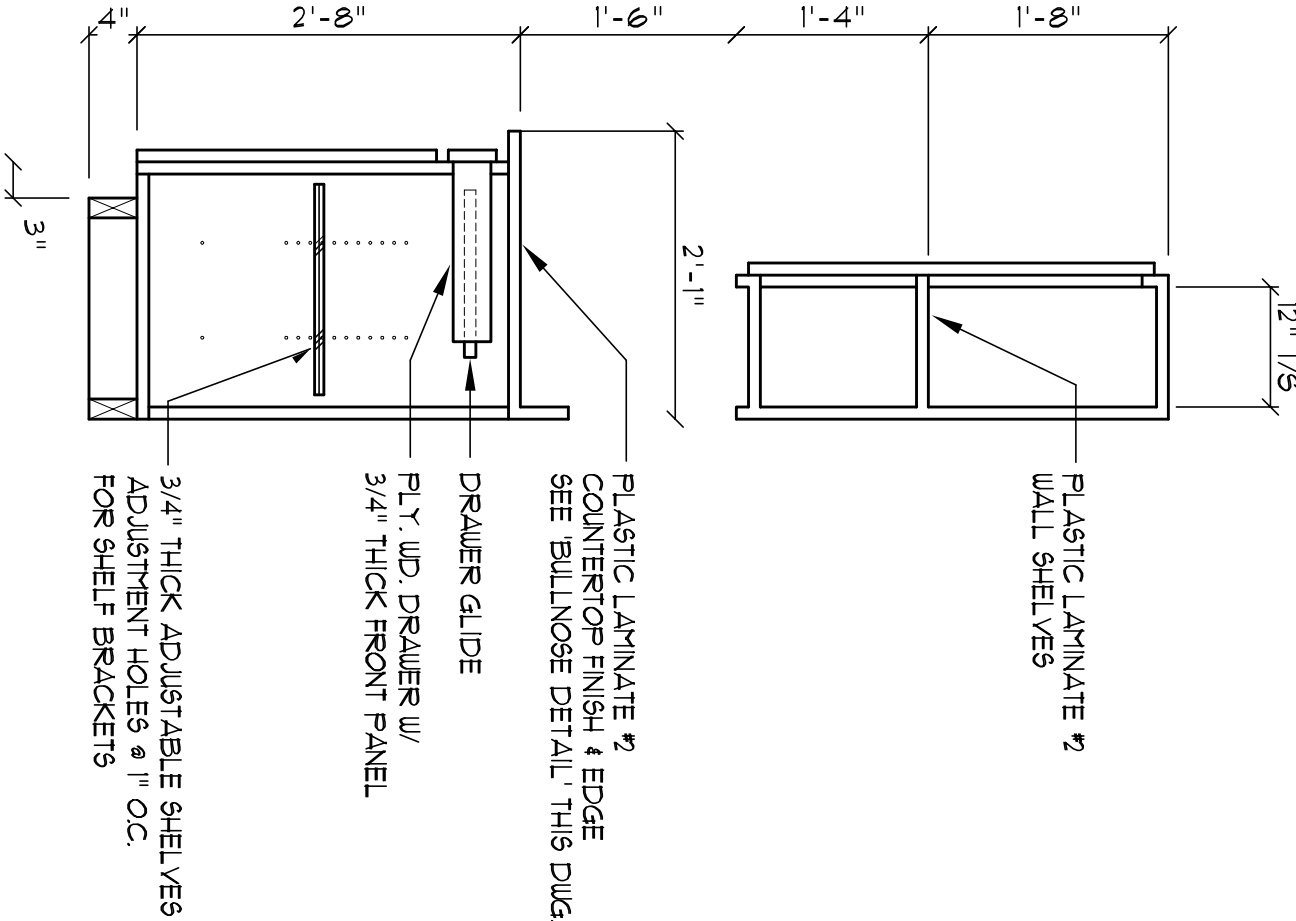


Outdoor Cleanout Detail

N.T.S.

NOTE!
THESE CABINET DET'S ARE GENERAL IN NATURE & PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

NOTE!
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS. FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.



Base & O/H Cab.

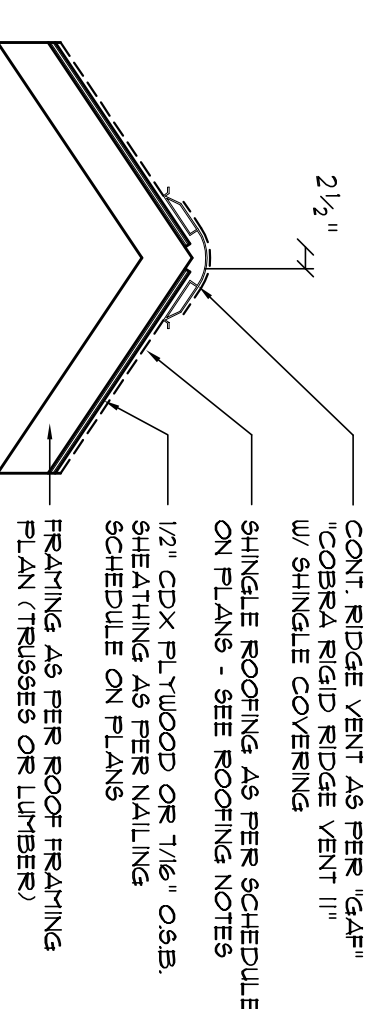
SCALE 3/4" = 1'-0"

NOTE!
CABINETS, COUNTERS, SHELVES AND THE LIKE SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS TITLED "GENERAL BUILDING NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED AND NOTED OTHERWISE. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE AS DIRECTED BY THE OWNER.

Typ. Cabinet Det's

SCALE 3/4" = 1'-0"

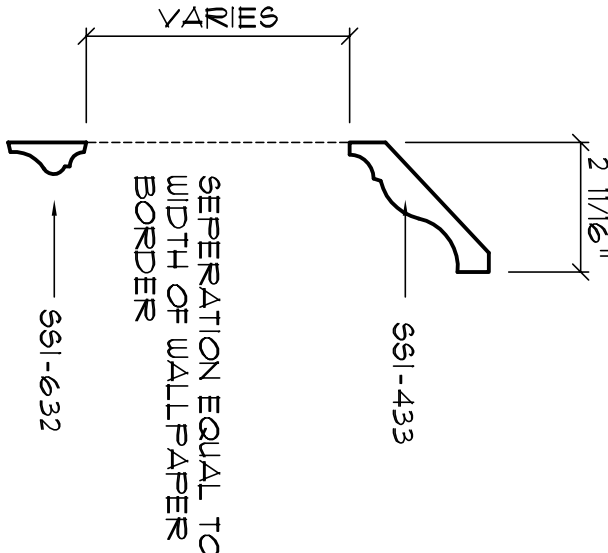
AREA OF ATTIC	REQD LF OF VENT	NET FREE AREA OF INTAKE
6500 SF	20 LF	480 SQ IN
1500 SF	5 LF	120 SQ IN
2200 SF	28 LF	570 SQ IN
2500 SF	32 LF	650 SQ IN
3000 SF	40 LF	820 SQ IN
3600 SF	44 LF	900 SQ IN



MINIPIADE PRODUCT APPROVAL REPORT #8-011325

Ridge Vent Detail

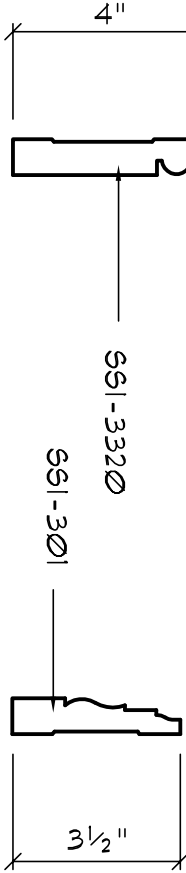
SCALE: 3/4" = 1'-0"



Wall/Ceiling Trim Detail

SCALE: 3" = 1'-0"

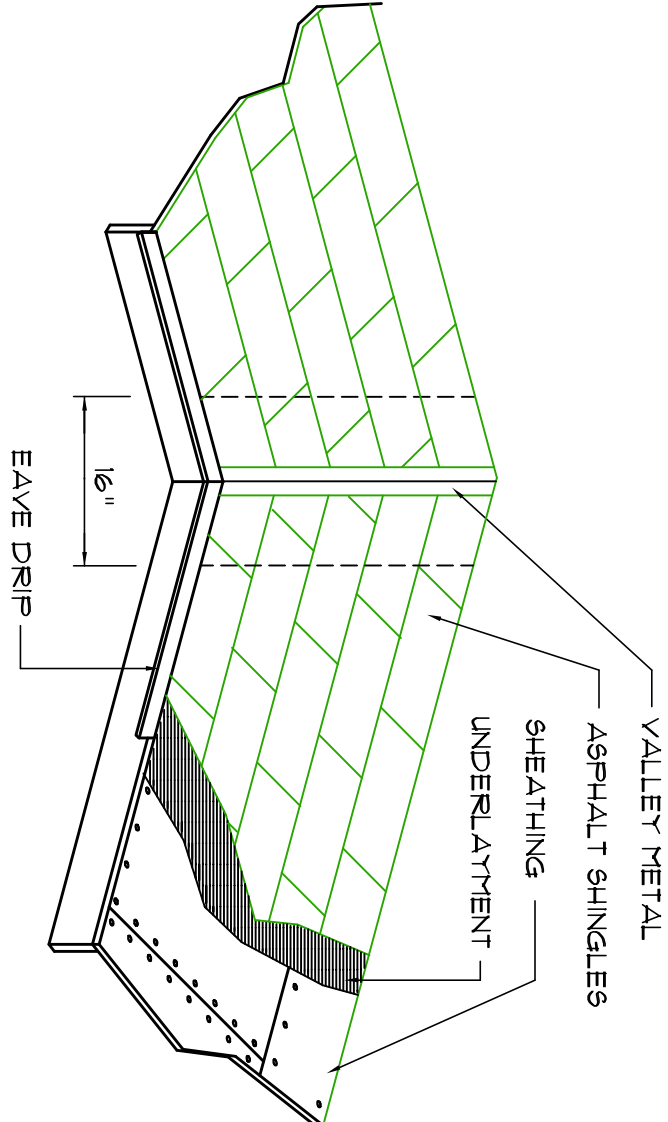
NOTE 1.1.1
ALL PROFILES AS PER 646 CRAFTSMAN INC., TAMPA, FLORIDA TRIM WOOD SPECIES SHALL BE "POP-LAR"



T1 TRIM

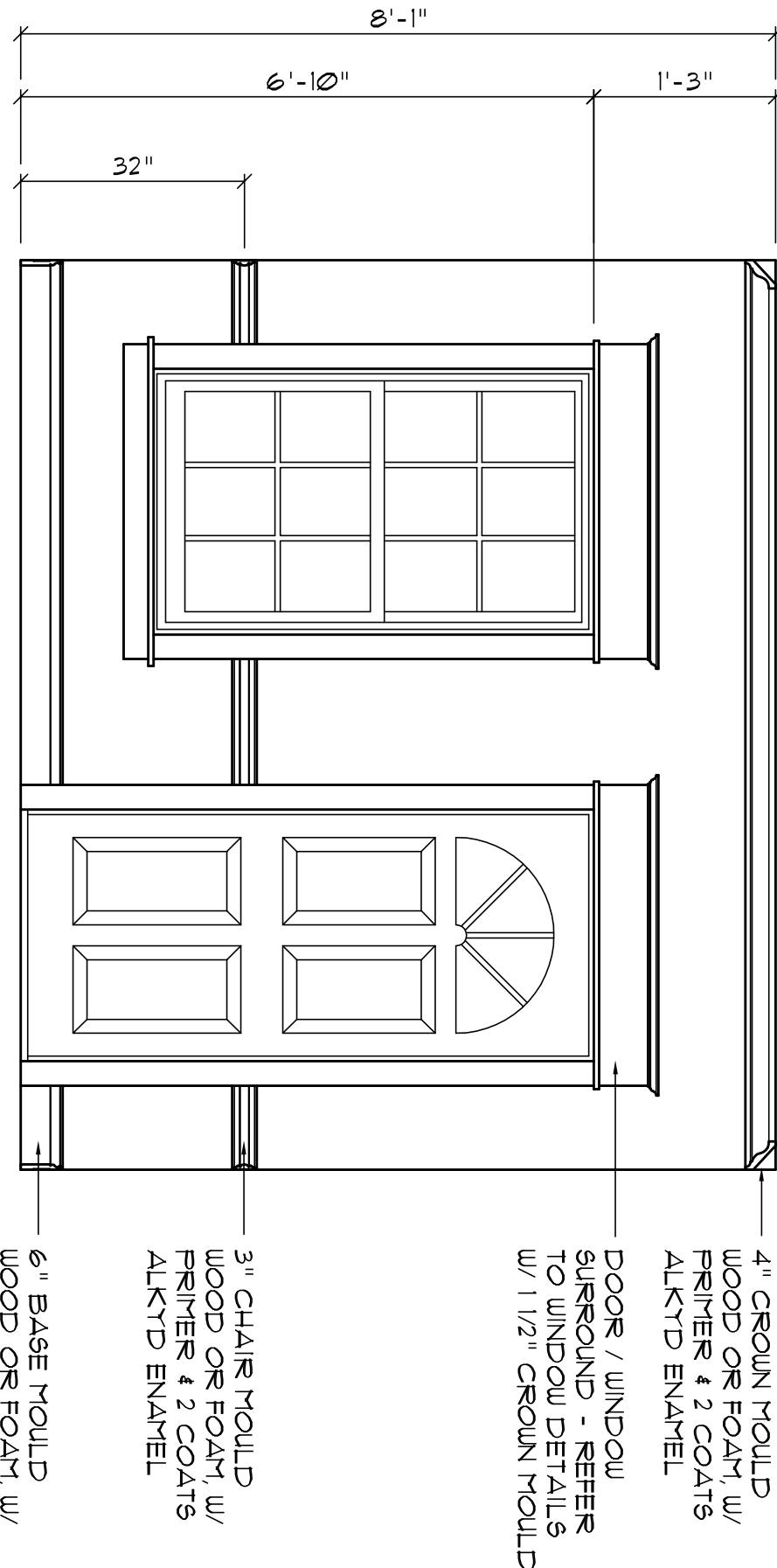
T2 TRIM

ALTERNATE N-2:
FOR TRIM TYPE T1, 2" DENTAL MOLDING MAY BE INSERTED BETWEEN S61-456 AND S61-3545



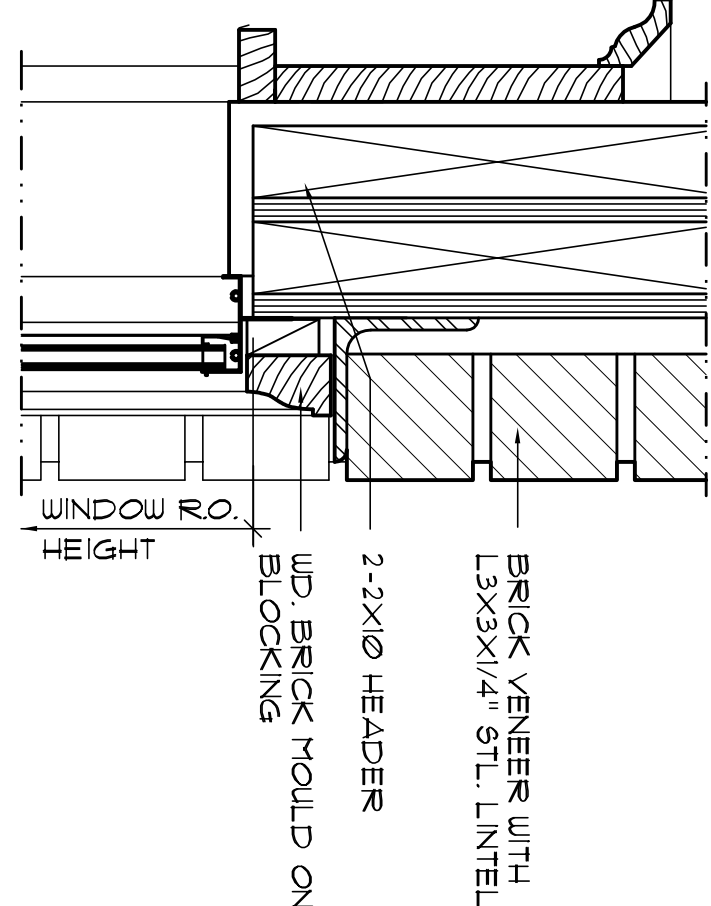
VALLEY FLASHING

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ)
COPPER			16
ALUMINUM	Ø.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	Ø.019	26 (ZINC COATED G90)	
ZINC ALLOY	Ø.021		
LEAD PAINTED TERNE			140



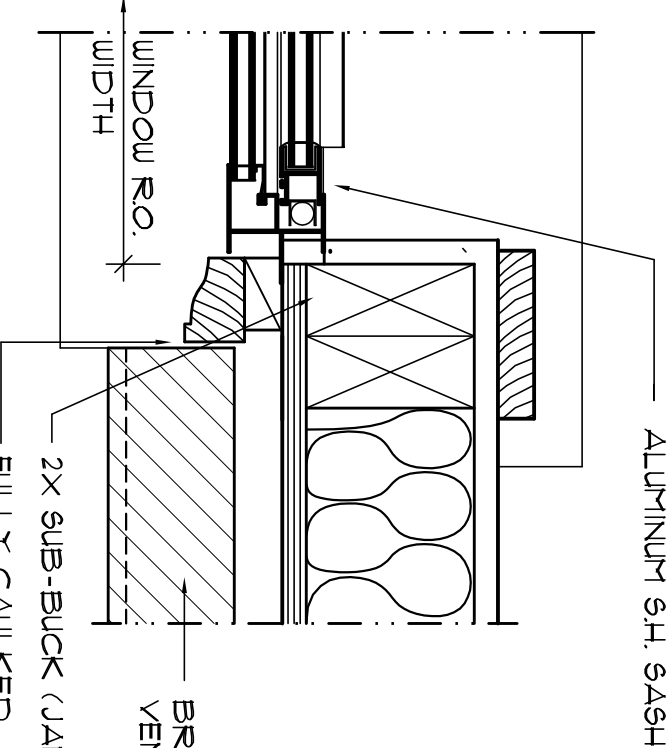
Int. Wall Trim Detail

SCALE: 1/2" = 1'-0"



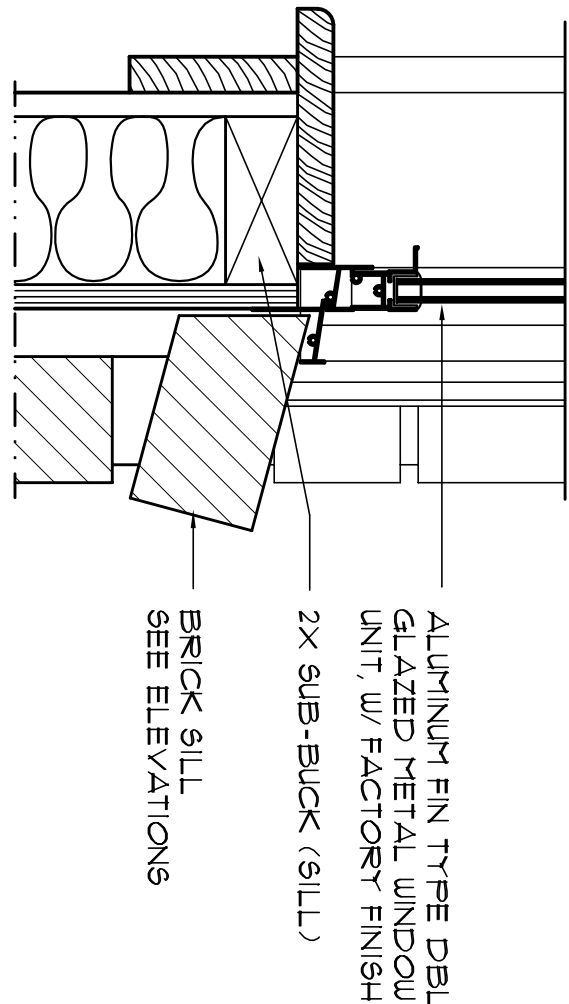
HEAD DETAIL

MTL. SASH



JAMB DETAIL

WOOD SASH



SILL DETAIL

WOOD SASH

Typical Window Det's

SCALE: 3" = 1'-0"

REVISION

DATE: 29 JUL 2021
DRAWN: 178
CHECKED: 2K2131

CUSTOM HOME DESIGN for:
LAKE CITY, COLUMBIA COUNTY, FLORIDA
ARCHITECTURAL DETAILS

Celebrating 49 Years of Service
1972 - 2021
N.P. Geisler, Architect
AR0007005

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Rd.
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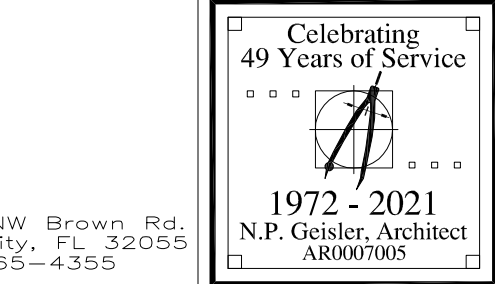
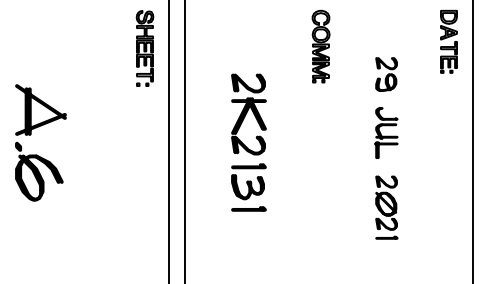
DATE: 29 JUL 2021
DRAWN: 2K2131
CHECKED: 2K2131
SHEET: 4 of 9

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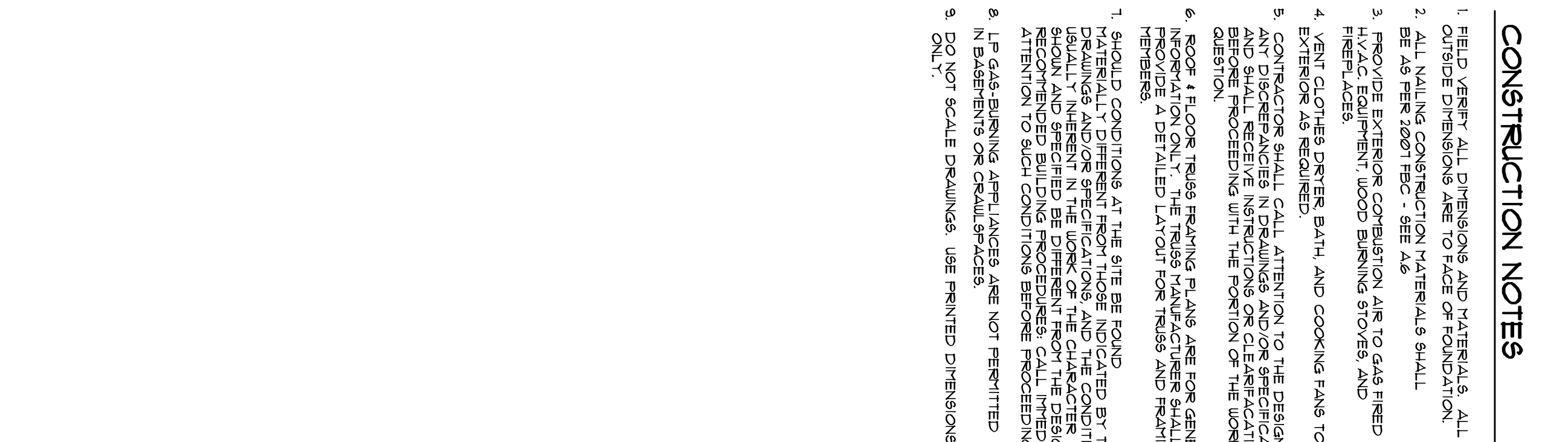
REVISION:

- EXTERIOR WALL SHEATHING:
APPLY VERTICALLY, "UNDERSTORY" 7/16" OSB 48" X 97", 109", 121" OR 145"
SHEATHING, FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER
6d RING SHANK NAILS @ 3" O.C. OR 8d RING SHANK NAILS @ 4" O.C. FASTEN
TO EACH STUD WITH EITHER 6d RING SHANK NAILS @ 6" O.C. OR 8d RS.
NAILS @ 8" O.C.

1. SHOULD CONDITIONS, AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM THE DESIGNER'S RECOMMENDED BUILDING PROCEDURES, CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
2. LP GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRACKED PLACES.
3. DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS ONLY.

 \triangleright 

③



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

NOTE: PUMPING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PUMPING WORK, INCLUDING ALL PUMPING LINE LOCATIONS AND REEF DIAPHRAGM. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE: CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL HVAC WORK INCLUDING ALL DUCTWORK, LOG, SIZES, LINE/EQUIPMENT SCH. & BALANCING REPORT. CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DUCTS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERFERING LOCATION CONDITIONS WITH THE TRUSS BEARING LOCATION. CONDITIONS WITH THE FOUNDATION PLAN. ANY INTERFERING BEARING LOCATIONS OR ANY POINT LOADS OF 40 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN. TAKING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL HAVE THE ENGINEER TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF REDEFINING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

1. FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALLOW PROCEEDING AND GO TO PLACE OF FOUNDATION.
2. ALL WALLS AND CONSTRUCTION MATERIALS SHALL BE AS PER 2007 SPEC. - SEE A6
3. PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED HEATERS.
4. VENT CLOTHES DRYER BATH AND COOKING FANS TO EXTERIOR AS REQUIRED.
5. CONTRACTORS SHALL CALL ATTENTION TO THE DESIGNER AND DISCREPANCIES IN DRAWINGS AND SPECIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
6. ROOF FLOOR TRUSS HEAVY FANS ARE FOR GENERAL PROVIDE A DETAILED LAYOUT FOR TRUSSES AND HEAVY FANS.
7. SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE DESIGNER IMMEDIATELY. ANY CHANGES TO THE DESIGNER SHALL BE SPECIFIED BY THE DESIGNER. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE DESIGNER'S ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
8. IF GAS BURNING OR GAS APPLIANCES ARE NOT PERMITTED IN BATHROOMS OR KITCHENSPACES.
9. DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS ONLY.

APPLICATION	MAN/RODEL	CAP.
TRIALS TO WALL:	SPEEDON H5A	1500*
GRIDER TRIALS TO POST/HEADER	SPEEDON L&T, W/ 28 - 16d NAIL S	1100*
HEADER TO KINK STUD(S):	SPEEDON 5722	1300*
STUD TO STUD:	SPEEDON 551	1500*
POST TO POST:	SPEEDON P&E/EFC66	1100*
FORCH POST TO FLD:	SPEEDON A&E66	2300*
19C, JONIS	SPEEDON A54	315V2,40*

ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE: SEE THE INSTRUCTIONS ATTACHED FOR ANCHOR INSTALLATION.

NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH

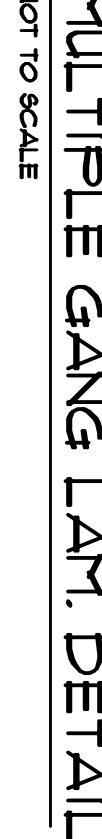
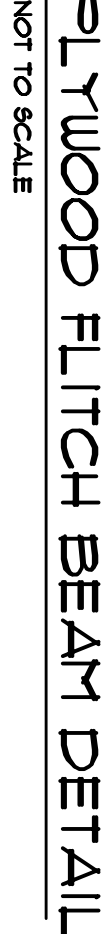
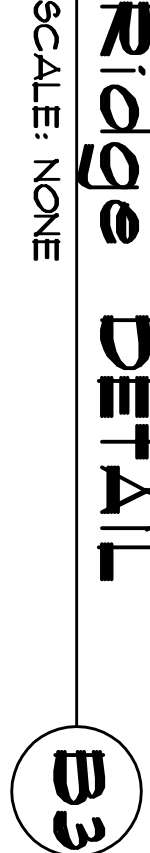
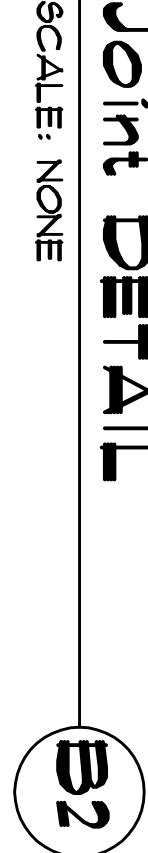
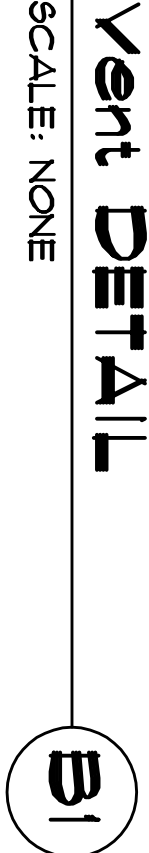
SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:

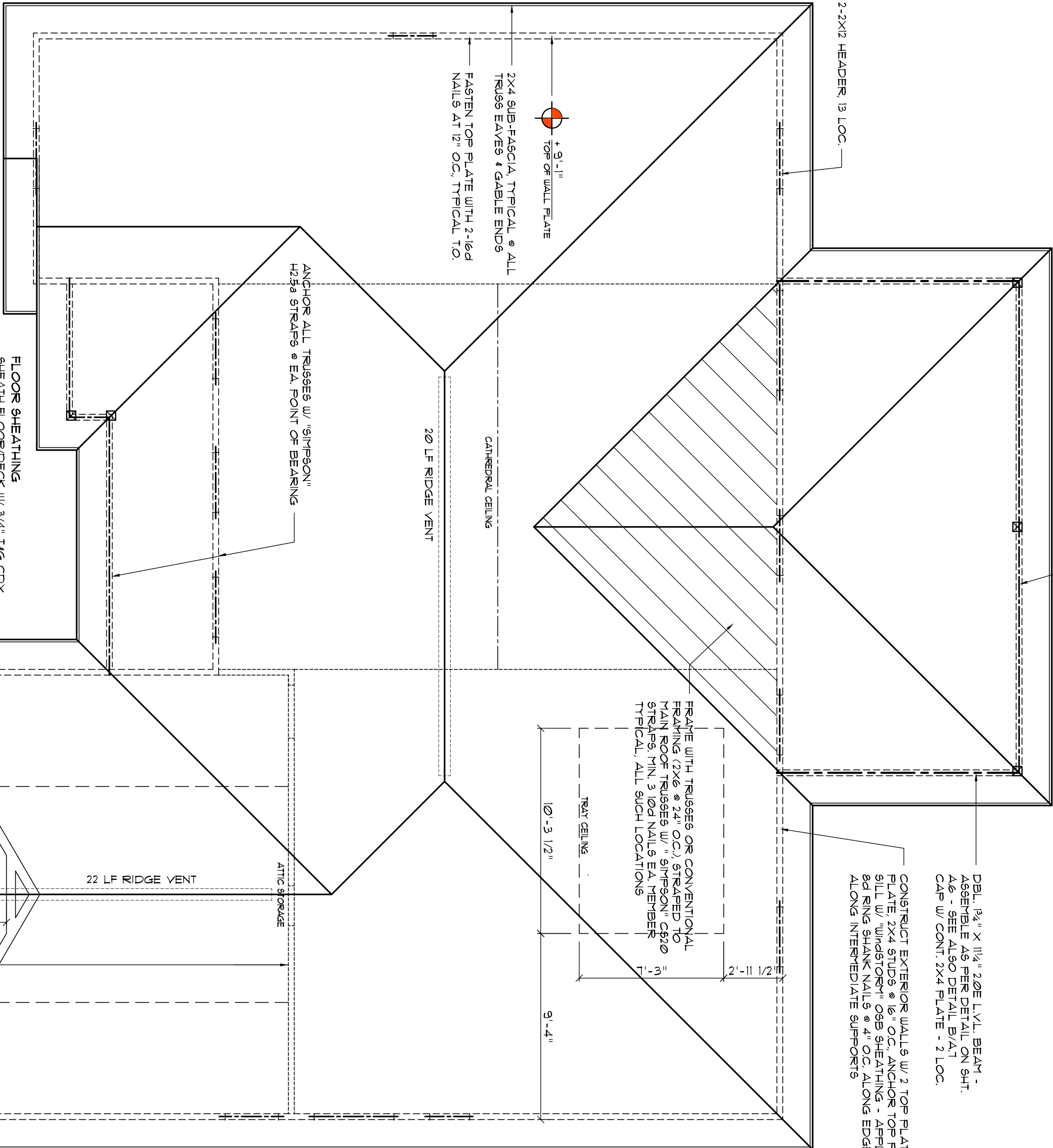
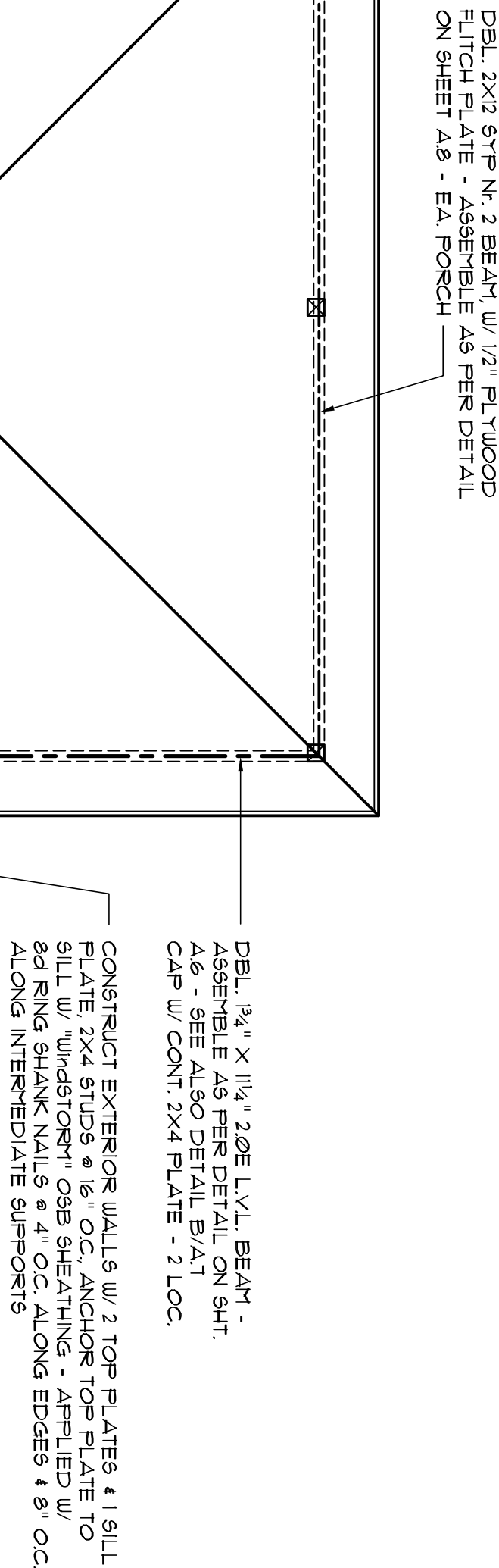
MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04
SBCCI NER-443, NER-393

1. 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 RUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".

2. ALL TRUSSES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION REQUIREMENTS OF THE "DESIGN AND CONSTRUCTION OF TRUSSES" CHAPTER OF THE "STEEL DESIGNER'S GUIDE" PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., THIRD EDITION, 1989.
3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N-2 HEAVY 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 CONNECTIONS.



SCALE: NONE

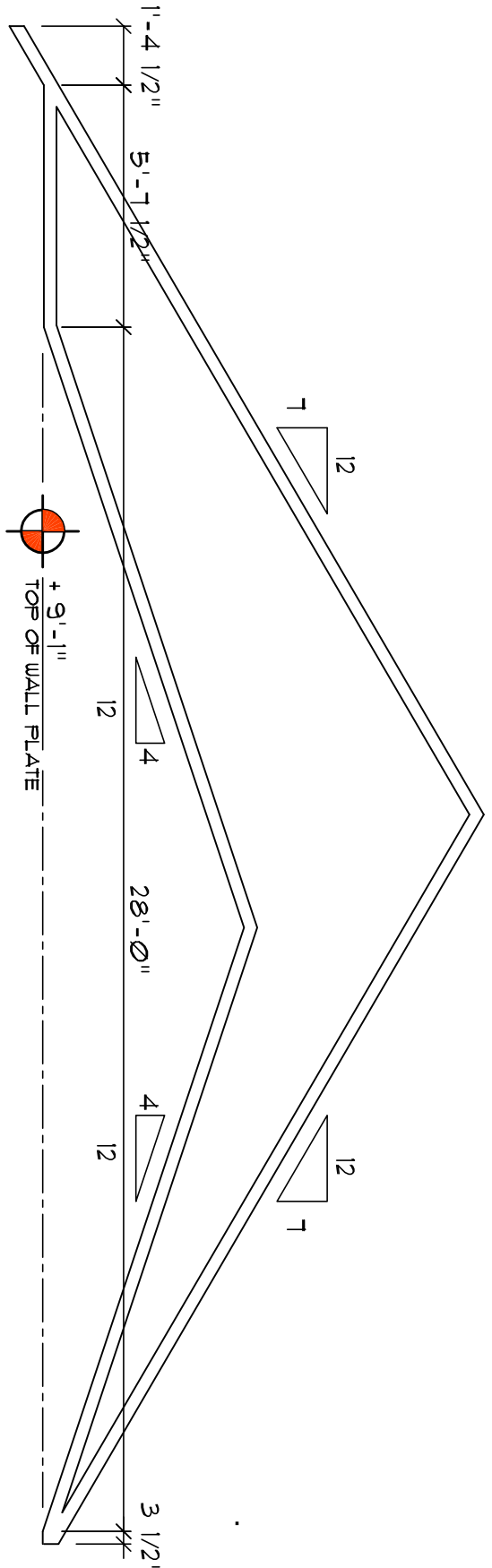


R-1 ALL ROOF PITCH 7 / 12, UNO.
R-2 ALL OVERHANG 18"
UNLESS OTHERWISE NOTED
R-3 PROVIDE ATTIC VENTILATION IN AC
CORDANCE WITH SCHEDULE ON A6
R-4 MOVE ALL VENTS AND OTHER
ROOF PENETRATIONS TO REAR

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

NOTE: SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d RING SHANK NAILS - 46 PER DETAIL N ON SHEET A1

NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2020 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS



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

