

New Single Family House

400 Ruth St - Odessa, Texas
 Gillespie Estates
 Block - 02 - Lot - 014

Designer:
 Kevin Hulsey
 2211 Humble Ave
 Midland, TX 79705
 972-824-6695

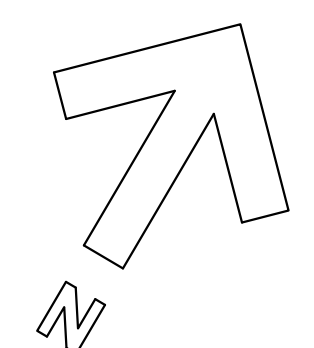
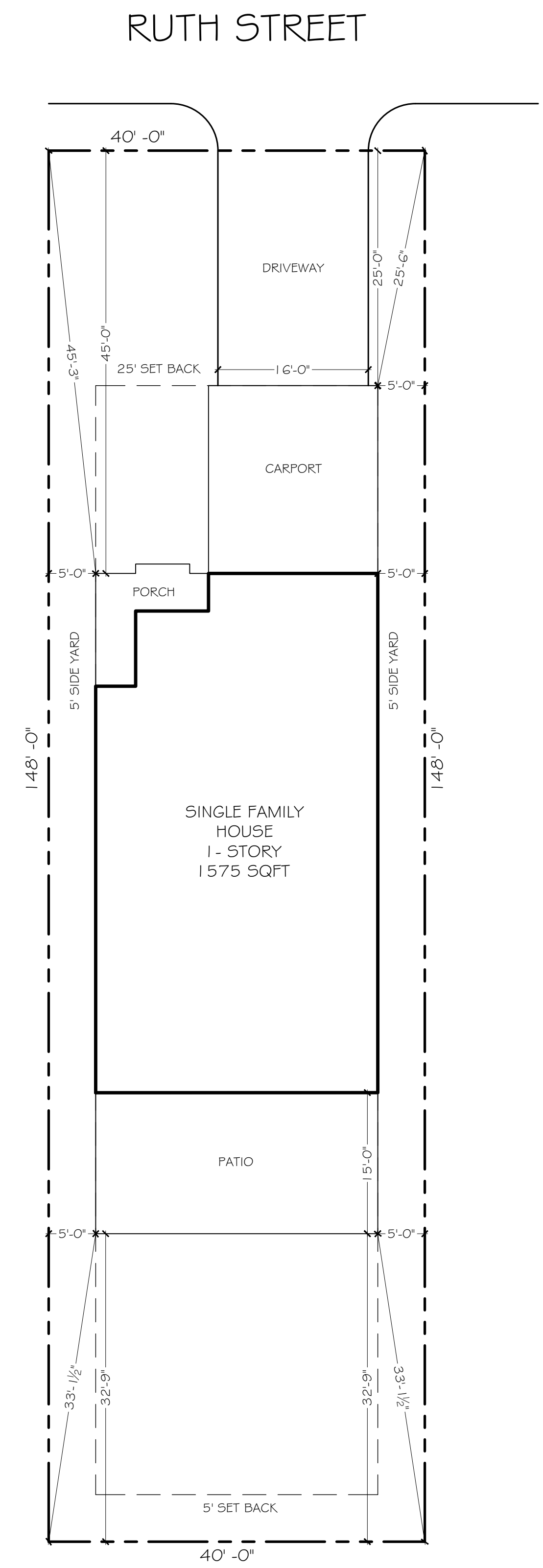
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 A0.1 Cover & Site Plan
 A1.1 Floor Plan
 A1.2 Foundation Plan
 A1.3 Electrical Plan
 A2.1 Elevations
 A2.2 Roof Plan, Wall Section
 & Details

Builder:
 Alan Olvera
 Permian Roofing
 Odessa, TX
 432-853-1665

Square Footage
 Living Area (AVC Space) = 1575 Sq Ft
 Front Porch = 88 Sq Ft
 Back Patio = 450 Sq Ft
 Carport = 360 Sq Ft
 Total Concrete = 2473 Sq Ft

IMPORTANT CODE REQUIREMENTS
 2018 INTERNATIONAL RESIDENTIAL CODE (IRC)

- ALL WORK SHALL COMPLY WITH CITY OF ODESSA ORDINANCES, ZONING CODE AND 2018 INTERNATIONAL RESIDENTIAL CODE (IRC).
- NO STRUCTURE ALLOWED OVER A GAS LINE, STRUCTURE MUST HAVE A CLEARANCE OF 8' FROM THE BOTTOM OF ANY POWER LINES
- GLAZING: PER IRC 2018 EXCEPT AS INDICATED IN R308.1.1 EACH PANE OF GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL COMPLY TO R308
- SLEEPING ROOM: PER IRC 2018 R310, A SLEEPING ROOM SHALL HAVE ONE OPERABLE WINDOW WITH A MIN NET OPENING OF 5.0 SQ FT FOR GRADE FLOORS, 5.7 SQ FT FOR 2ND FLOOR
- DOORS BETWEEN GARAGE AND RESIDENCE REQUIRE SELF-CLOSING OR AUTOMATIC-CLOSING DEVICE. PER IRC 2018 R302.5.1



1 SITE PLAN
 AO.1 1"=10'-0"

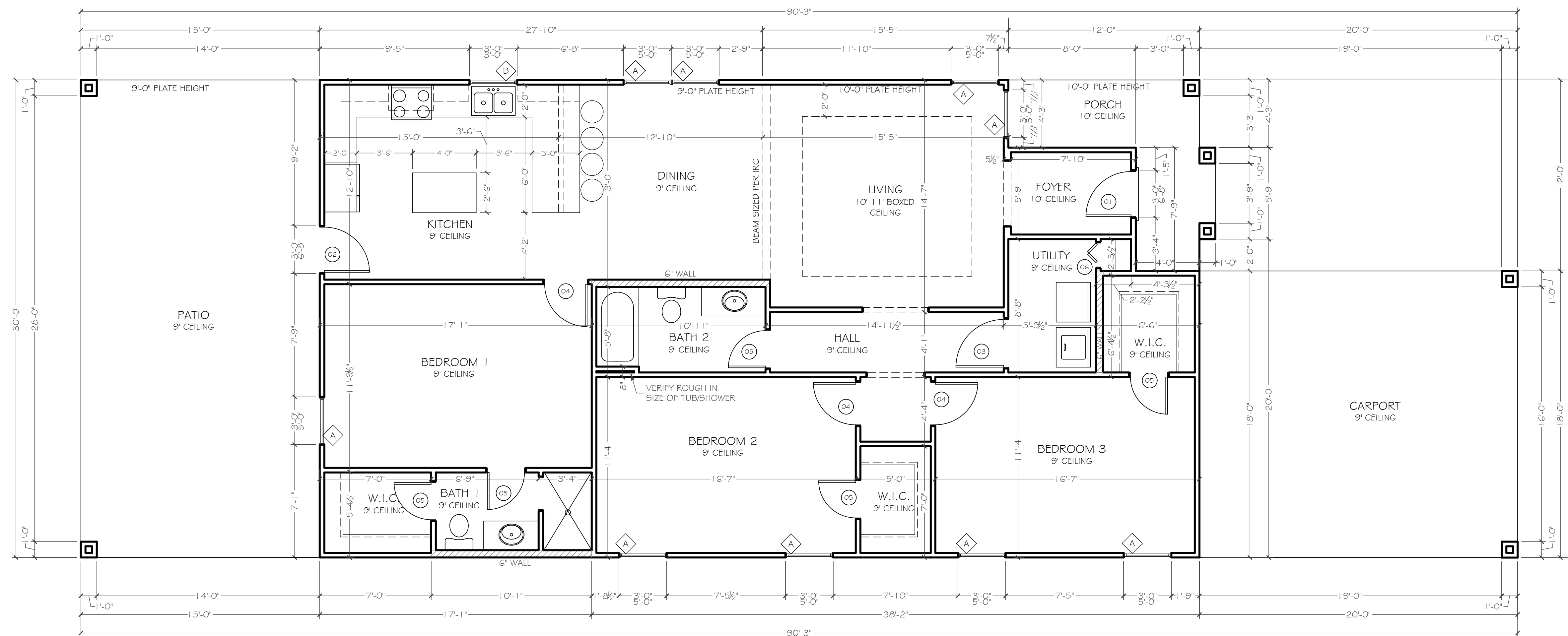
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NEW SINGLE FAMILY HOUSE
 400 RUTH - ODESSA, TX

PROJECT NO.	24127
DRAWN BY	K.HULSEY
APPROVED BY	-
DATE	5/15/24

SHEET NO
A0.1

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NOTE: DIMENSIONS ARE TAKEN FROM OUTSIDE FRAMING WALL TO EDGE OF INSIDE FRAMING WALL, CONTINUED ONTO THE SAME EDGE OF THE NEXT FRAMING WALL. WINDOWS AND DOORS ARE SHOWN TO EDGE OF FINISHED DIMENSIONS, REFER TO MANUFACTURE FOR ROUGH OPENING



DOOR SCHEDULE

MARK	STYLE	QUAN	SIZE			MATL	GLAZ	NOTES
			WD	HGT	THK			
1	HINGED - SINGLE - EXTERIOR	1	3'-0"	6'-8"	1 3/8"	FIBERGLASS / WOOD	YES	EXTERIOR
2	HINGED - SINGLE - FULL LITE	1	3'-0"	6'-8"	1 3/8"	FIBERGLASS / WOOD	YES	EXTERIOR
3	HINGED - SINGLE	1	3'-0"	6'-8"	1 3/8"	FIBERGLASS / WOOD	--	--
4	HINGED - SINGLE	3	2'-8"	6'-8"	1 3/8"	FIBERGLASS / WOOD	--	--
5	HINGED - SINGLE	5	2'-4"	6'-8"	1 3/8"	FIBERGLASS / WOOD	--	--
6	BIFOLD - SINGLE	1	1'-6"	6'-8"	1 3/8"	FIBERGLASS / WOOD	--	--

WINDOW SCHEDULE

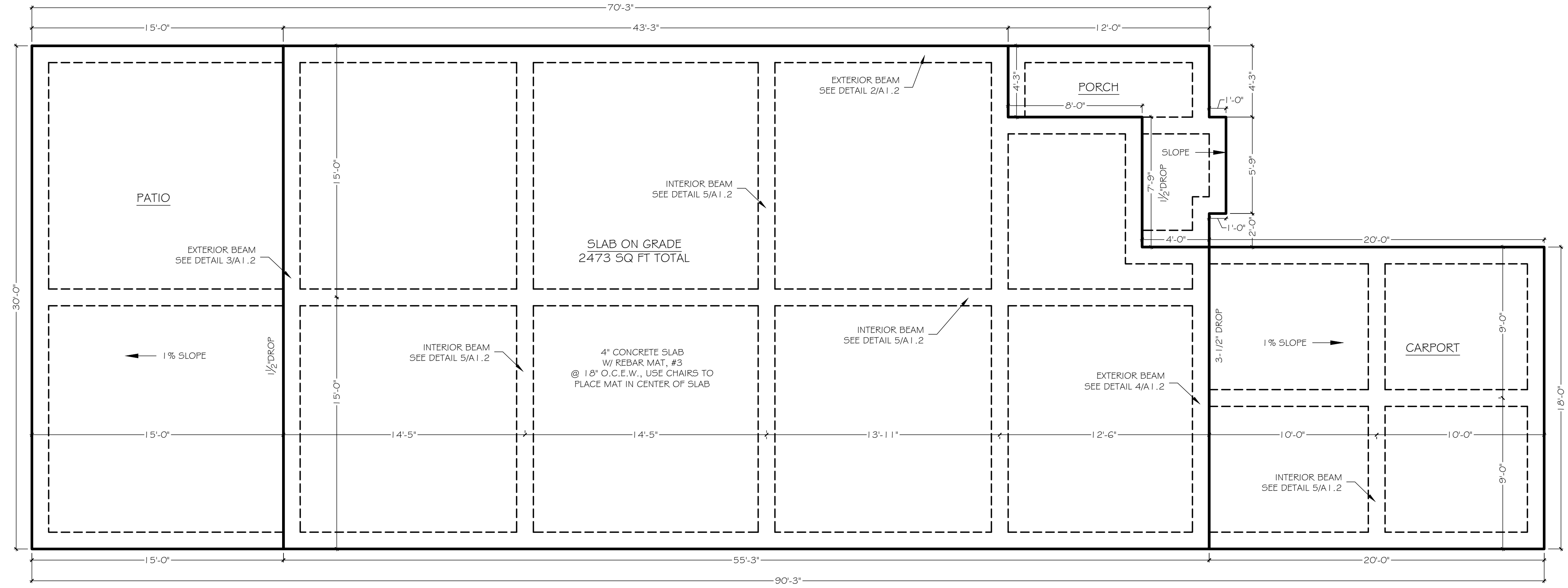
MARK	STYLE	QUAN	SIZE		SILL	HEAD	MATERIAL
			Width	HEIGHT			
A	SINGLE HUNG	9	3'-0"	5'-0"	1'-8"	6'-8"	--
B	SINGLE HUNG	1	3'-0"	3'-0"	3'-8"	6'-8"	--

GENERAL NOTES

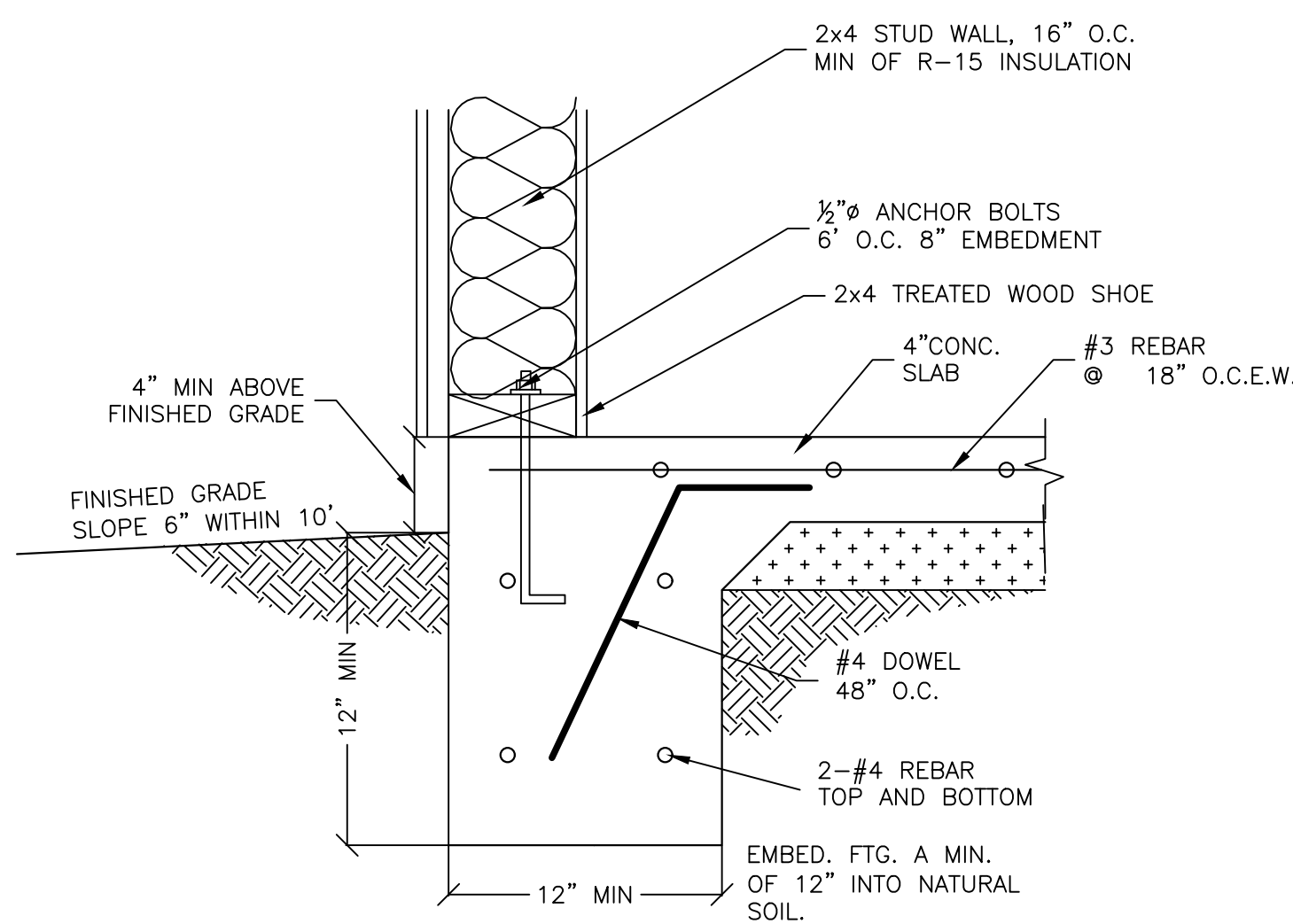
- COORDINATE ALL WORK WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- WRITTEN DIMENSIONS SHALL OVERRIDE ANY SCALED DIMENSIONS
- CONTRACTOR AND SUB-CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS, LOCATIONS, AND PROJECT REQUIREMENTS PRIOR TO SUBMITTING A BID
- WORK SHALL INCLUDE ALL REQUIRED PERMITS, LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE ALL WORK INDICATED ON DRAWINGS AND AS NECESSARY FOR A COMPLETE PROJECT.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION
- CONTRACTOR IS RESPONSIBLE FOR FINAL CLEANUP OF WORK AREA EACH DAY
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
- ADJACENT PROPERTIES SHALL BE PROTECTED AT ALL TIMES DURING CONSTRUCTION

FOUNDATION NOTES

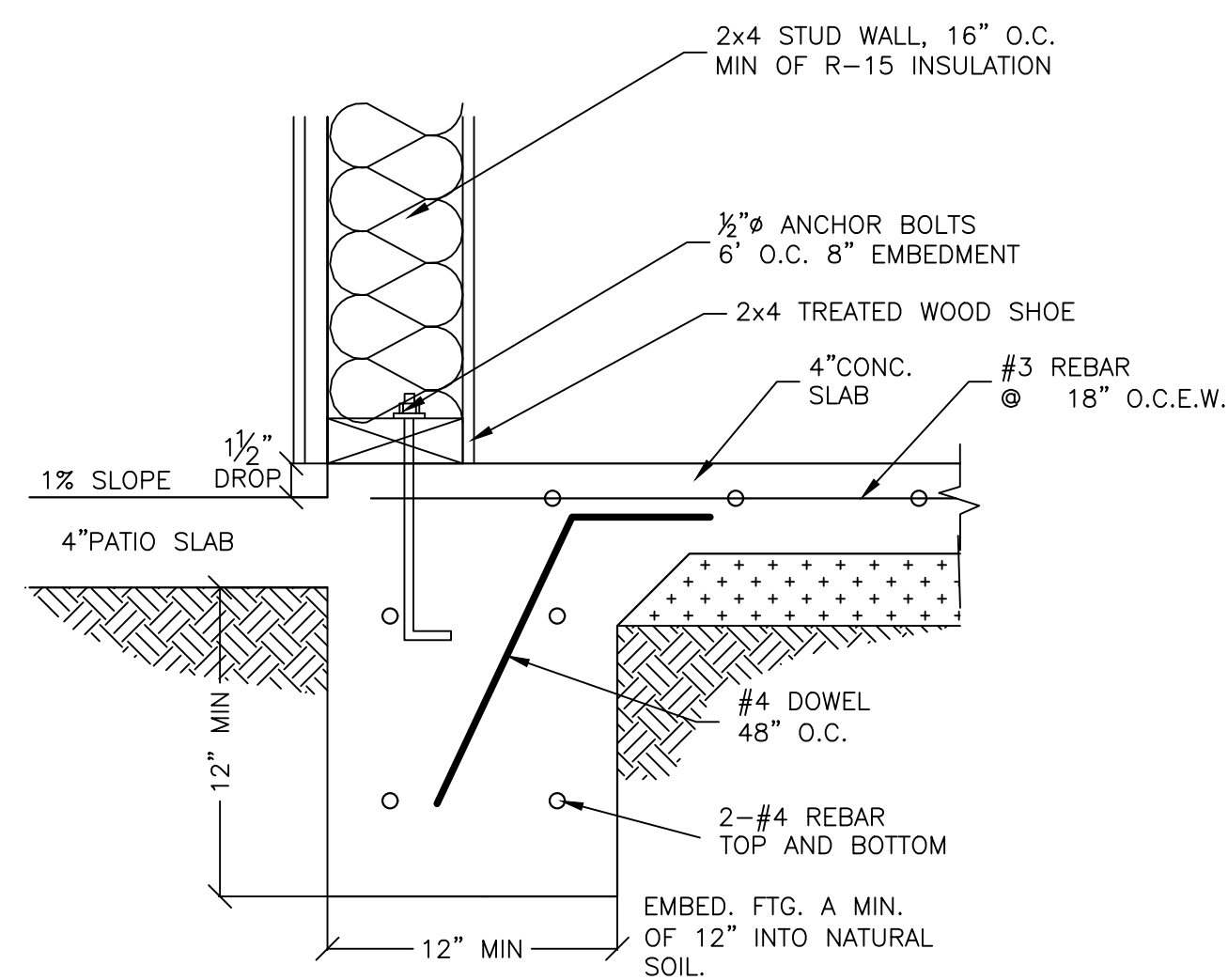
- 1) FOOTING REQUIREMENT 12"x12": THE MINIMUM FOUNDATION FOOTING FOR A ONE-STORY STRUCTURE MUST BE 12" WIDE x 12" DEEP INTO UNDISTURBED SOIL
- 2) REBAR: MINIMUM OF 1/2" DIAMETER REINFORCING STEEL IN THE LOWER THIRD OF THE FOOTING, THE REBAR MUST BE AT LEAST 2" FROM EACH SIDE AND BOTTOM OF THE FOOTING
- 3) LAP BAR STEEL 40 DIAMETERS AT SPLICES. PROVIDE CORNER BARS AT CORNERS AND BEAM / FOOTING INTERSECTIONS
- 4) TIE BEAM / FOOTING STEEL WITH #3 BARS AND SUPPORT EVERY 4'-0"
- 5) CONCRETE SHALL HAVE A 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3000 PSI
- 6) ANCHOR BOLTS SHALL BE 1/2" DIAMETER x 12" MIN LENGTH AT 6'-0" MAX SPACING AND 12" FROM THE PLATE ENDS TYPICAL AT SLAB PERIMETER
- 7) REMOVE 6" OF TOP SOIL AND ALL VEGETATION AND COMPACT SUB-GRADE PRIOR TO INSTALLING COMPACTED BASE FILL MATERIAL



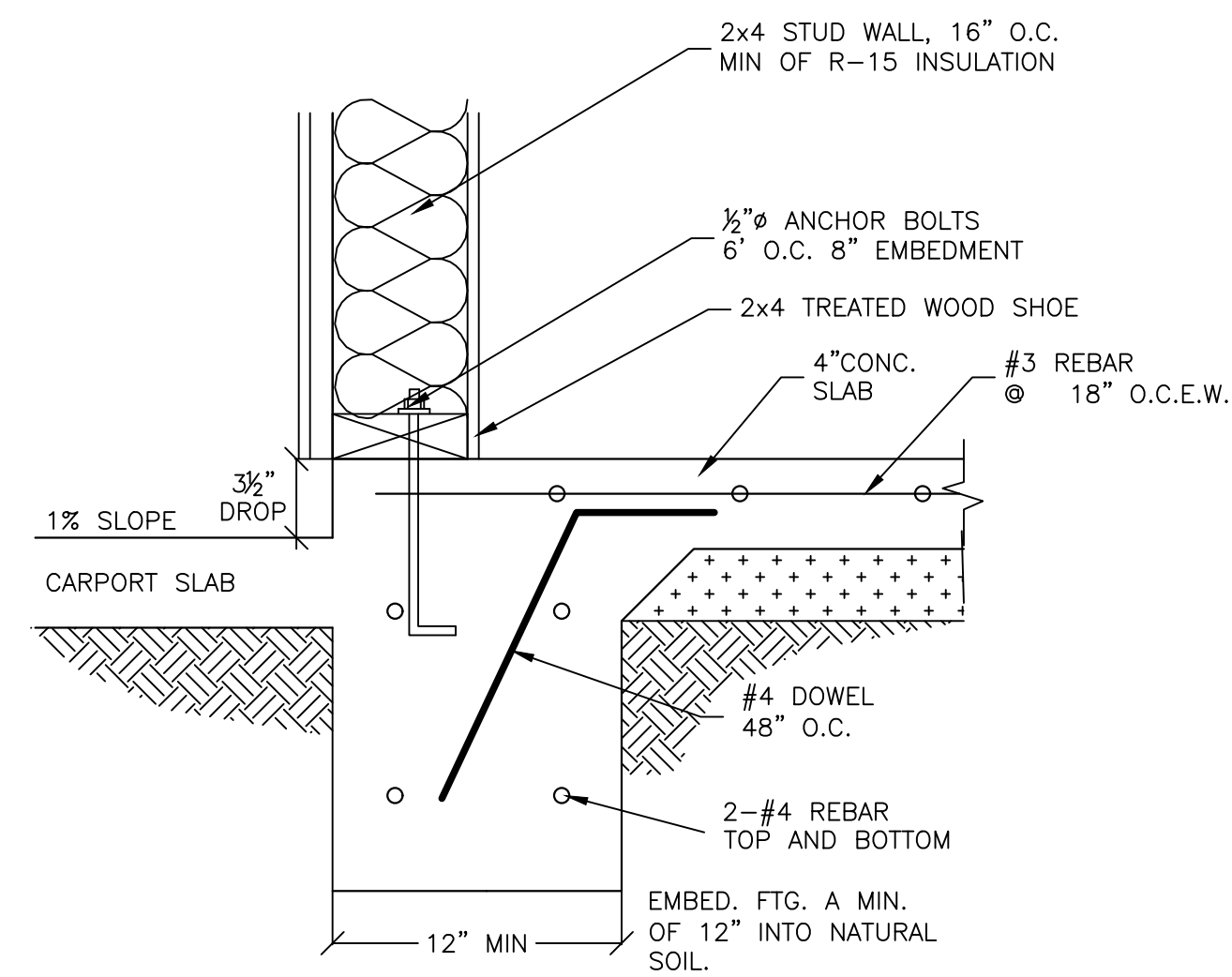
1 FOUNDATION PLAN
A1.2 1/4" = 1'-0"
SCALE: 1/4" = 1'-0"



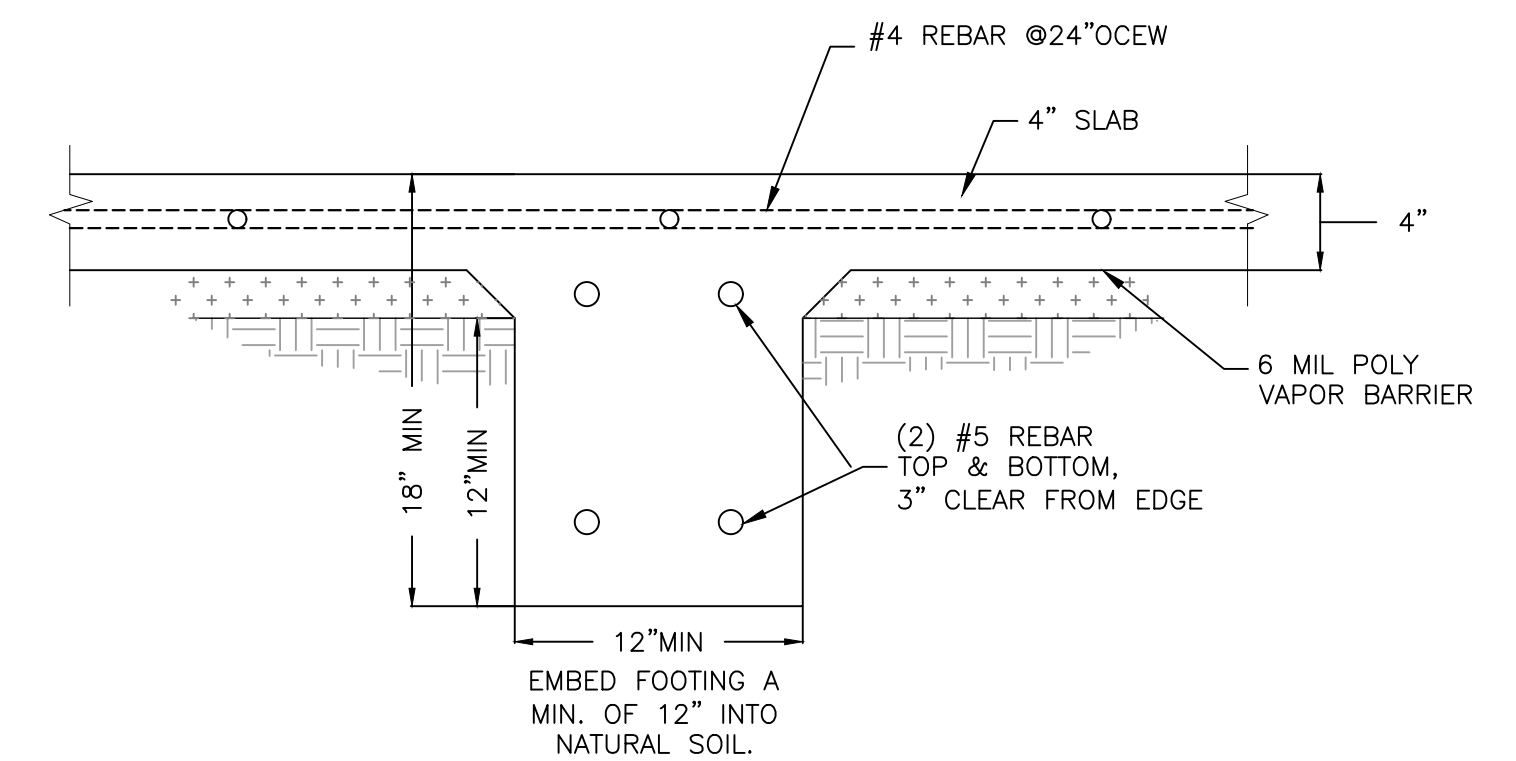
2 EXTERIOR BEAM
A1.2 1-1/2" = 1'-0"



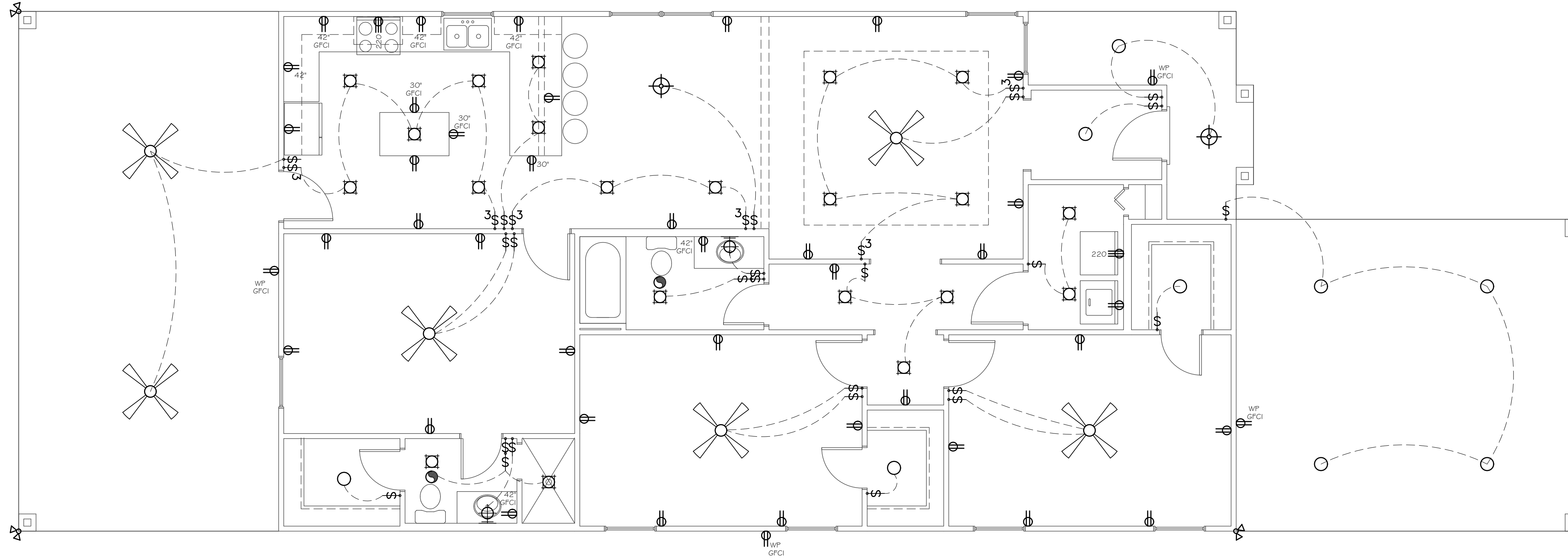
3 EXT. BEAM - PORCH
A1.2 1-1/2" = 1'-0"



4 EXT. BEAM - CARPORT
A1.2 1-1/2" = 1'-0"



5 INT BEAM DETAIL
A1.2 1-1/2" = 1'-0"



1
A1.3 ELECTRICAL PLAN
1/4" = 1'-0"

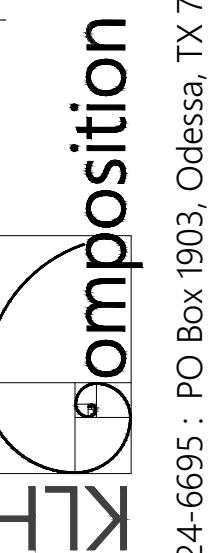
ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK SHALL BE DONE BY A LICENSED ELECTRICIAN WHO SHALL BE RESPONSIBLE FOR THE LAY-OUT, SIZING, LOCATION AND INSTALLATION OF ALL COMPONENTS REQUIRED FOR THE COMPLETE ELECTRICAL SYSTEM
2. SMOKE ALARMS, PER 2018 IRC - R314.1(4), SHALL BE INSTALLED NOT LESS THAN 3' HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB OR SHOWER UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM IN THIS SECTION
3. CIRCUITS, WIRING TYPES, WIRE SIZES AND GROUNDING SHALL MEET THE LATEST REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE
4. VERIFY ALL ELECTRICAL REQUIREMENTS FOR ALL HVAC SYSTEMS
5. VERIFY THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL ELECTRICAL ITEMS WITH CONTRACTOR AND OWNER PRIOR TO INSTALLATION
6. VERIFY LIGHT FIXTURE SELECTIONS AND SWITCH/OUTLET STYLE AND COLOR WITH CONTRACTOR AND OWNER
7. COORDINATE THE ELECTRICAL SERVICE REQUIREMENTS WITH THE LOCAL POWER COMPANY AND VERIFY ALL EXISTING CONDITIONS AT THE SITE
8. COORDINATE ELECTRICAL REQUIREMENTS AND INCLUDE ELECTRICAL PROVISIONS FOR TELEPHONE, TV SECURITY AND LIFE SAFETY SYSTEMS BY OTHERS
9. VERIFY AMOUNT AND LOCATION OF UNDER EAVE LIGHTS AND SECURITY LIGHTS WITH OWNER

ELECTRICAL LEGEND

	GAS CONNECTION		UNDER CABINET FLOURESCENT		WEATHERPROOFED, GROUNDED
	FROST PROOF HOSE BIBB		CEILING MTD PENDANT LIGHT		GROUNDED 110-VOLT OUTLET
	BLOCK FOR OPTIONAL CEILING FAN W/ LITE KIT		EXHAUST FAN WITH LIGHT		CEILING 110-VOLT OUTLET
	RECESSED CAN		EXHAUST FAN		QUAD-PLEX (4) 110V OUTLETS
	RECESSED SPOT		DOUBLE FLOOD LIGHTS		FLOOR 110-VOLT OUTLET
	CEILING MOUNTED FIXTURE		SWITCH		PHONE
	WALL MOUNTED FIXTURE		SWITCH WITH DIMMER		TV ANTENNA
			110-VOLT OUTLET		SMOKE DETECTOR
			220-VOLT OUTLET		

NOTE: THIS PLAN IS FOR REFERENCE AND BID PURPOSE ONLY, CHECK ALL LOCATIONS WITH OWNER PRIOR TO CONSTRUCTION



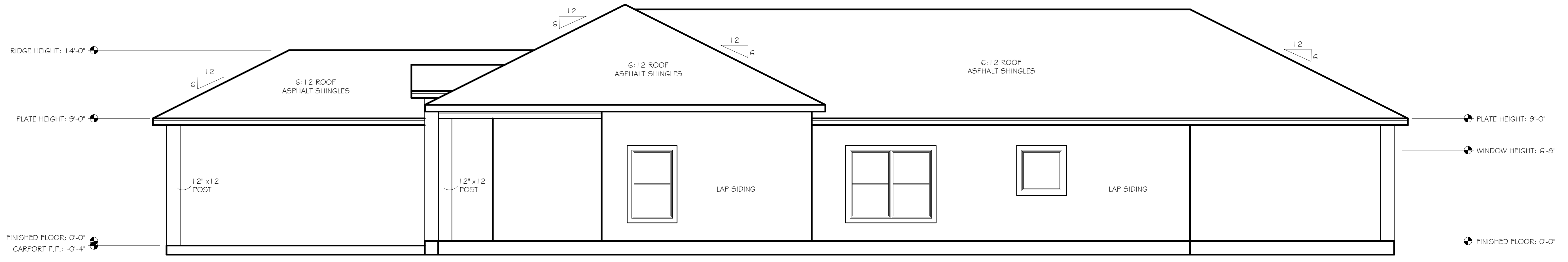
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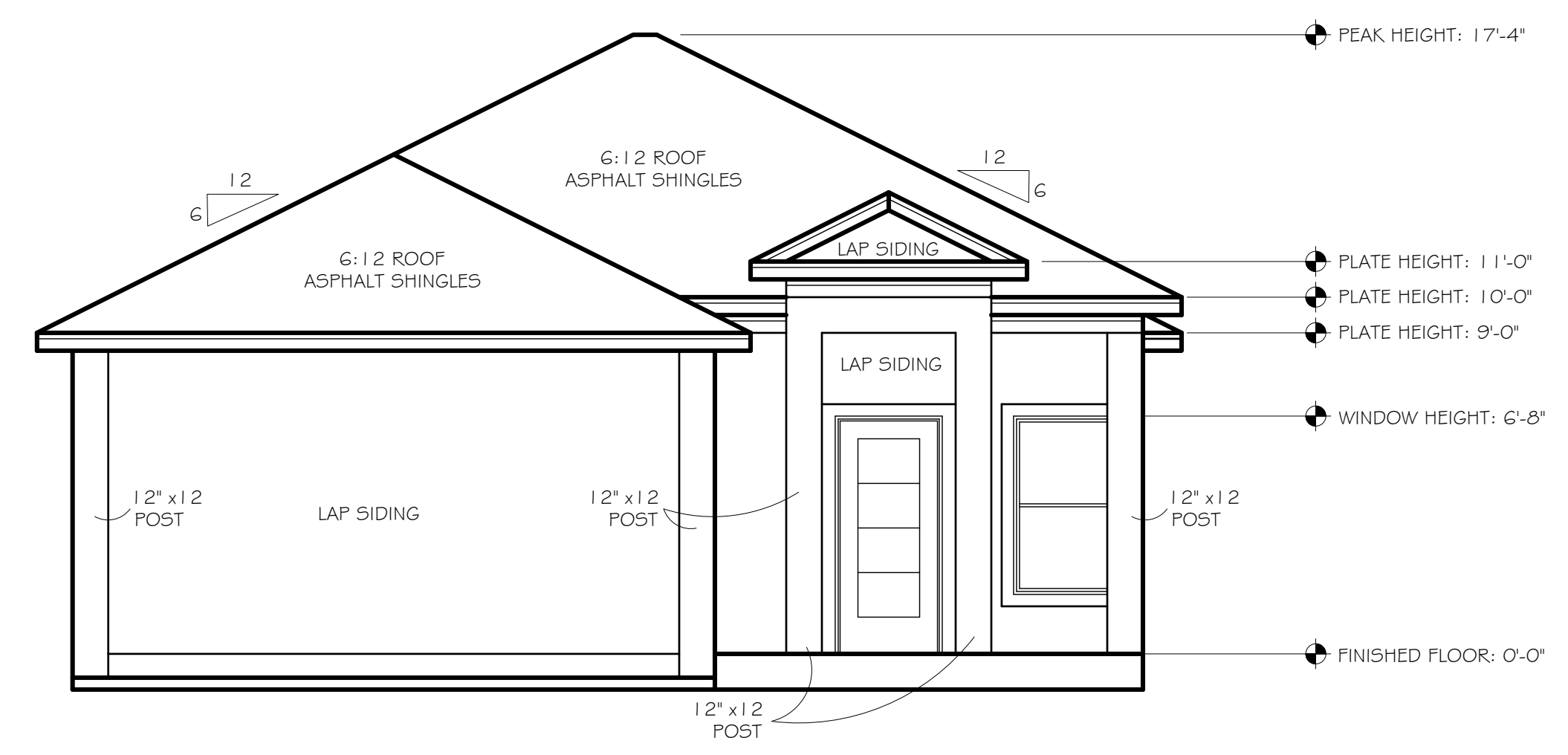
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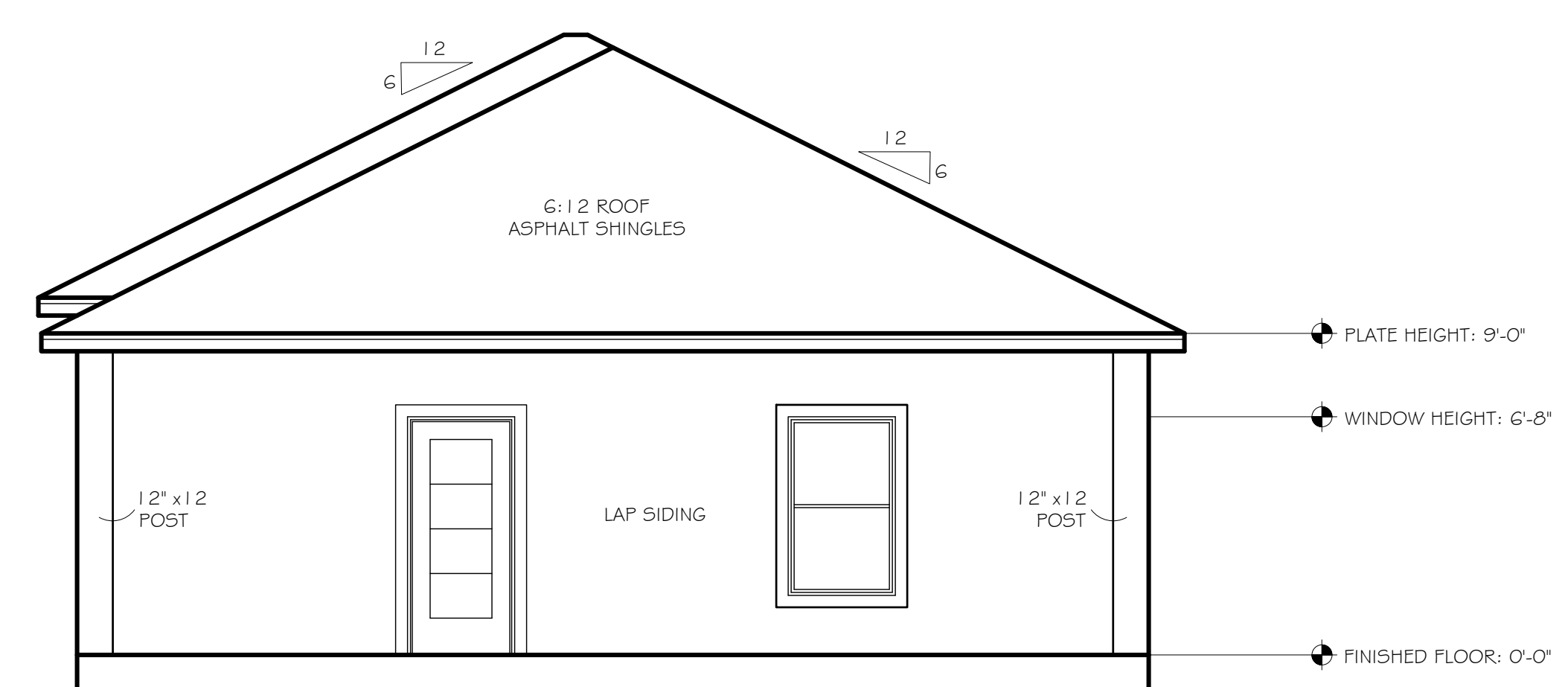
A1.3



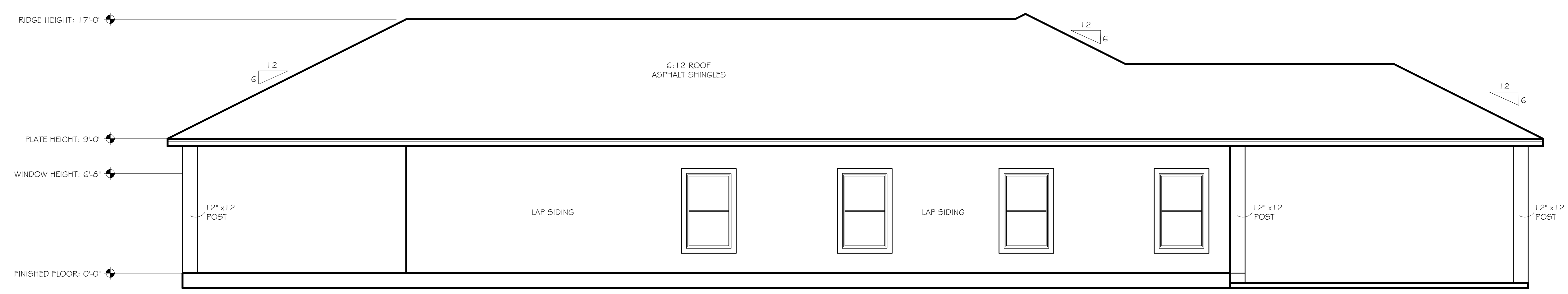
1 RIGHT SIDE ELEVATION
A2.1 1/4" = 1'-0"



2 FRONT ELEVATION
A2.1 1/4" = 1'-0"



3 BACK ELEVATION
A2.1 1/4" = 1'-0"



4 LEFT SIDE ELEVATION
A2.1 1/4" = 1'-0"

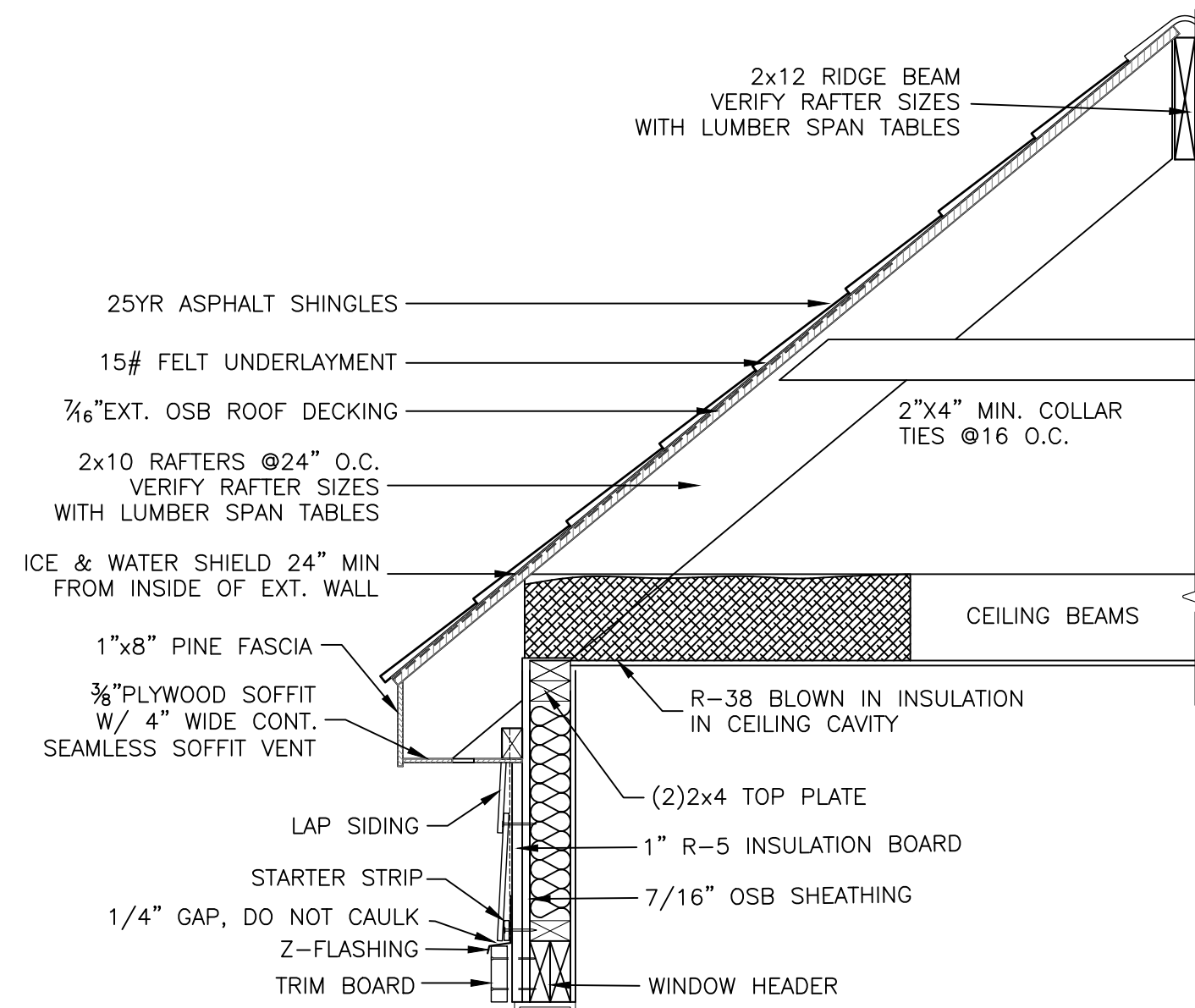
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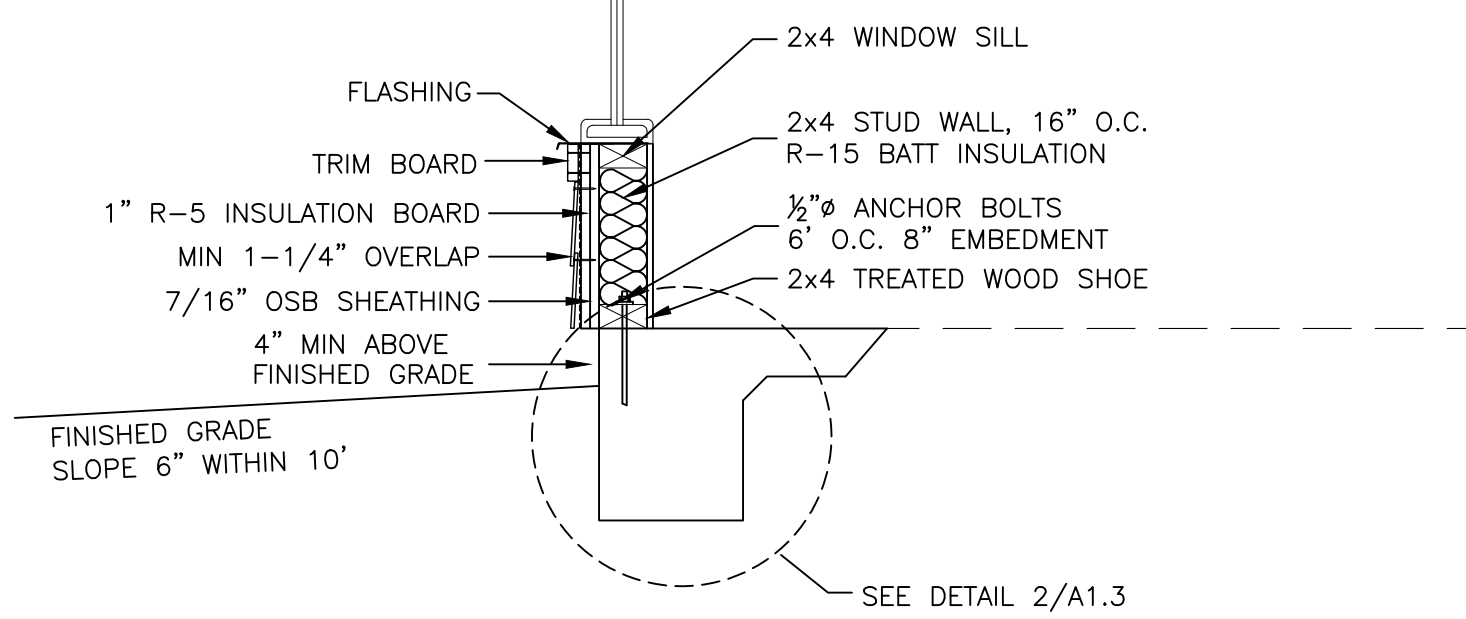
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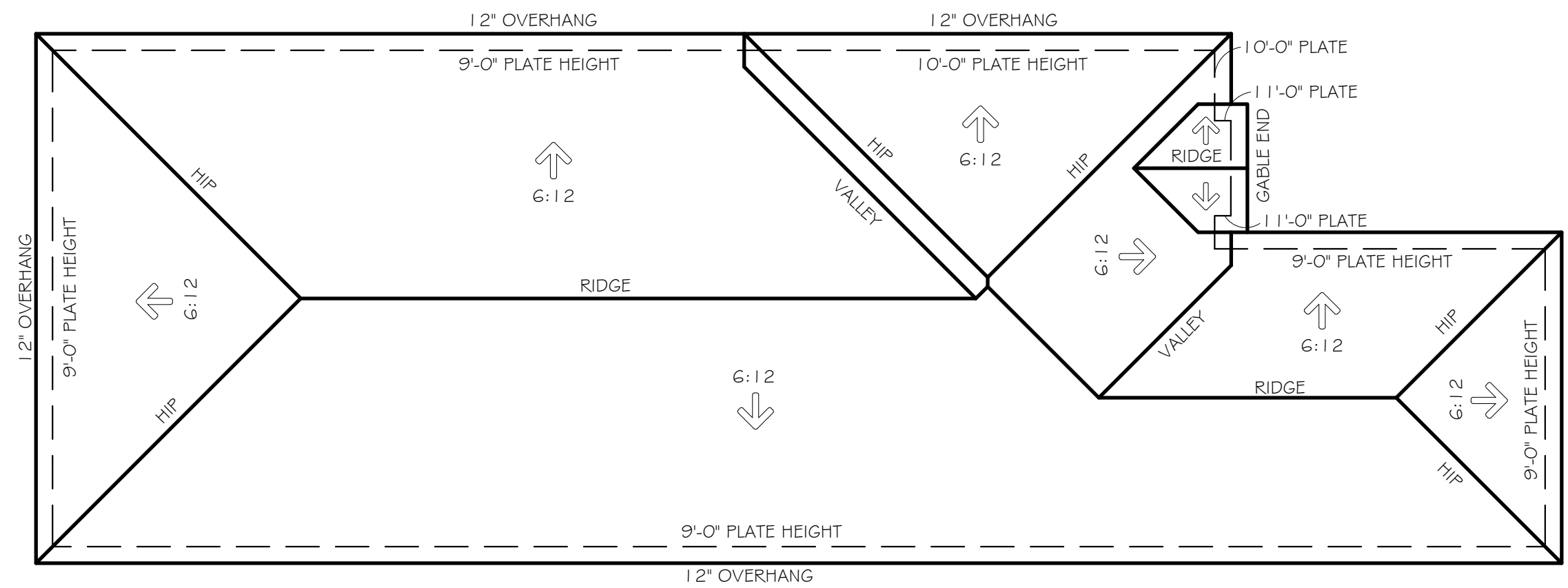
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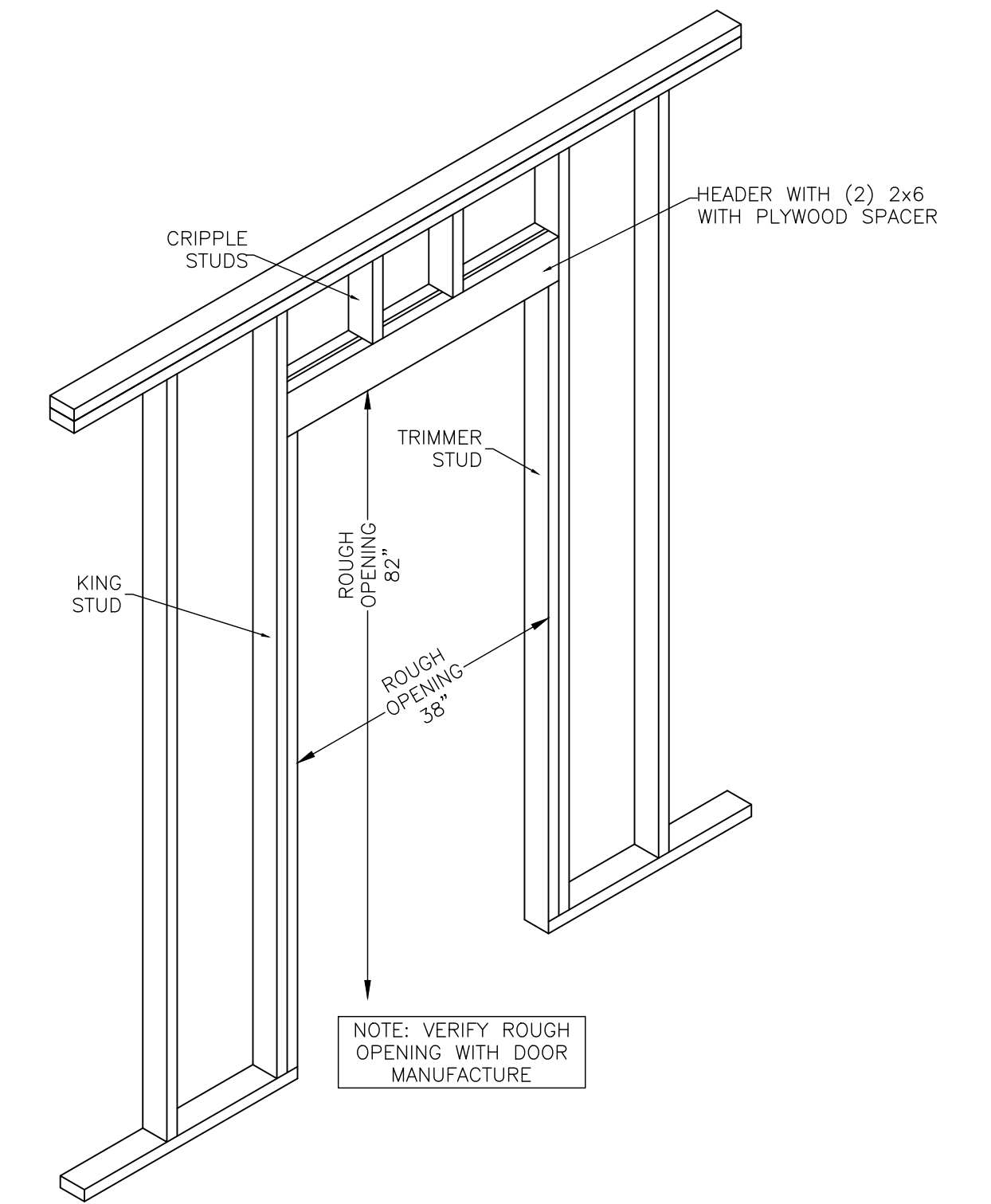
NOTE:
ALL INSULATION SHALL COMPLY WITH 2018 IECC
ALL FOAM INSULATION SHALL COMPLY TO 2018 IRC-R.316



1 TYPICAL WALL SECTION
A2.2 1-1/2"=1'-0"



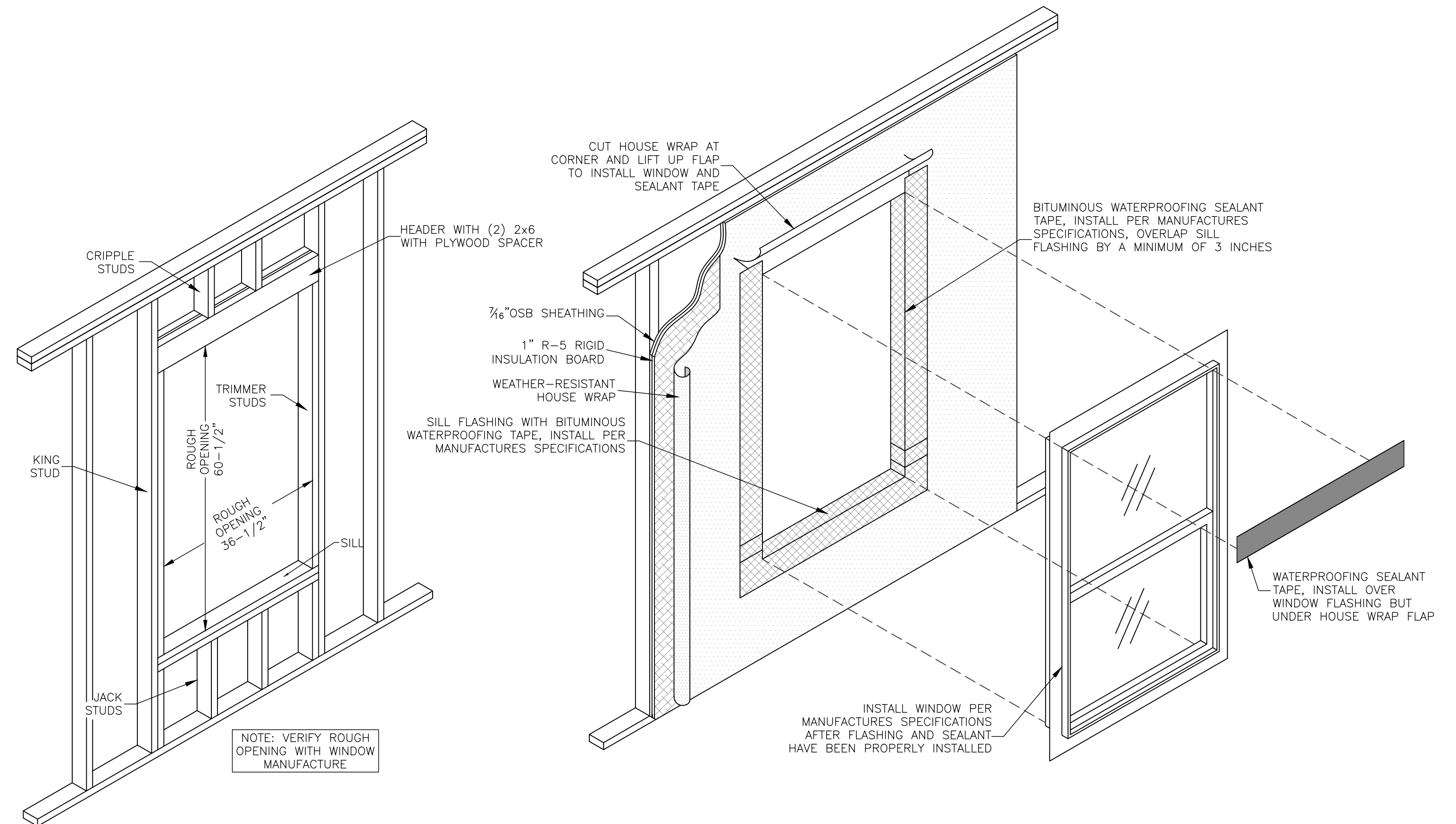
2 ROOF PLAN
A2.2 1/8"=1'-0"



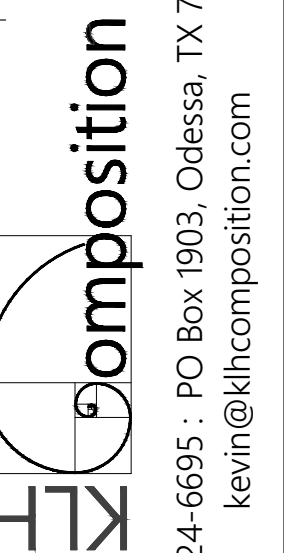
3 TYPICAL DOOR OPENING
A2.2 N.T.S.

FRAMING NOTES

- 1) CEILING AND ROOF JOIST SHALL COMPLY WITH NATIONAL FOREST PRODUCTS ASSOCIATION SPAN TABLES FOR JOIST AND RAFTERS
- 2) PRE-FABRICATED ENGINEERED ROOF AND FLOOR TRUSSES SHALL BE DESIGNED PER HUD 49502 REQUIREMENTS OR OTHER GOVERNING CODES. ALL ENGINEERED WOOD PRODUCTS SHALL BE MANUFACTURED AND DESIGNED FOR THE APPLIED CONDITIONS AND MEET THE REQUIREMENTS OF APA THE ENGINEERED WOOD ASSOCIATION, APPLICABLE BUILDING CODES AND INDUSTRY RECOGNIZED STANDARDS
- 3) PROVIDE BRIDGING AT 8'-0" O.C. MAXIMUM AT FLOOR FRAMING OR AS RECOMMENDED BY THE ENGINEERED LUMBER MANUFACTURE
- 4) PROVIDE A MINIMUM OF 3 STUDS AT BEAM AND HEADER BEARING POINTS.
- 5) VERIFY FRAMING AND BLOCKING REQUIREMENTS FOR ALL MECHANICAL, ELECTRICAL, PLUMBING AND MISCELLANEOUS ITEMS
- 6) PROVIDE CORNER BRACING FOR LATERAL LOADS OF 1X4 DIAGONAL BRACING OR FULL 4x8 1/2" EXTERIOR GRADE PLYWOOD SHEETS
- 7) PROVIDE ALL INTERIOR CROSS BRACING REQUIRED FOR ERECTION AND PERMANENT LATERAL RESISTANCE PROVIDE ANY ADDITIONAL BRACING, BLOCKING OR OTHER FRAMING SUPPORTS REQUIRED FOR PROPER ALIGNMENT AND INSTALLATION OF ALL FRAMING MEMBERS OR OTHERWISE REQUIRED FOR COMPLETION OF THE PROJECT
- 8) UNLESS OTHERWISE NOTED, ENGINEERING DESIGN FOR STRUCTURAL MEMBERS WITH SPANS EXCEEDING 24 FEET SHALL BE PROVIDED BY THE CONTRACTOR.
- 9) ALL WINDOW SIZES ARE NOMINAL ROUGH OPENINGS AND SHALL BE VERIFIED WITH MANUFACTURES DETAILS AND SPECIFICATIONS



4 TYPICAL WINDOW DETAIL
A2.2 N.T.S.



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A2.2