

NOTICE TO CONTRACTOR
 All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
 Limited building only review
 Permit holder responsible for full compliance with the code

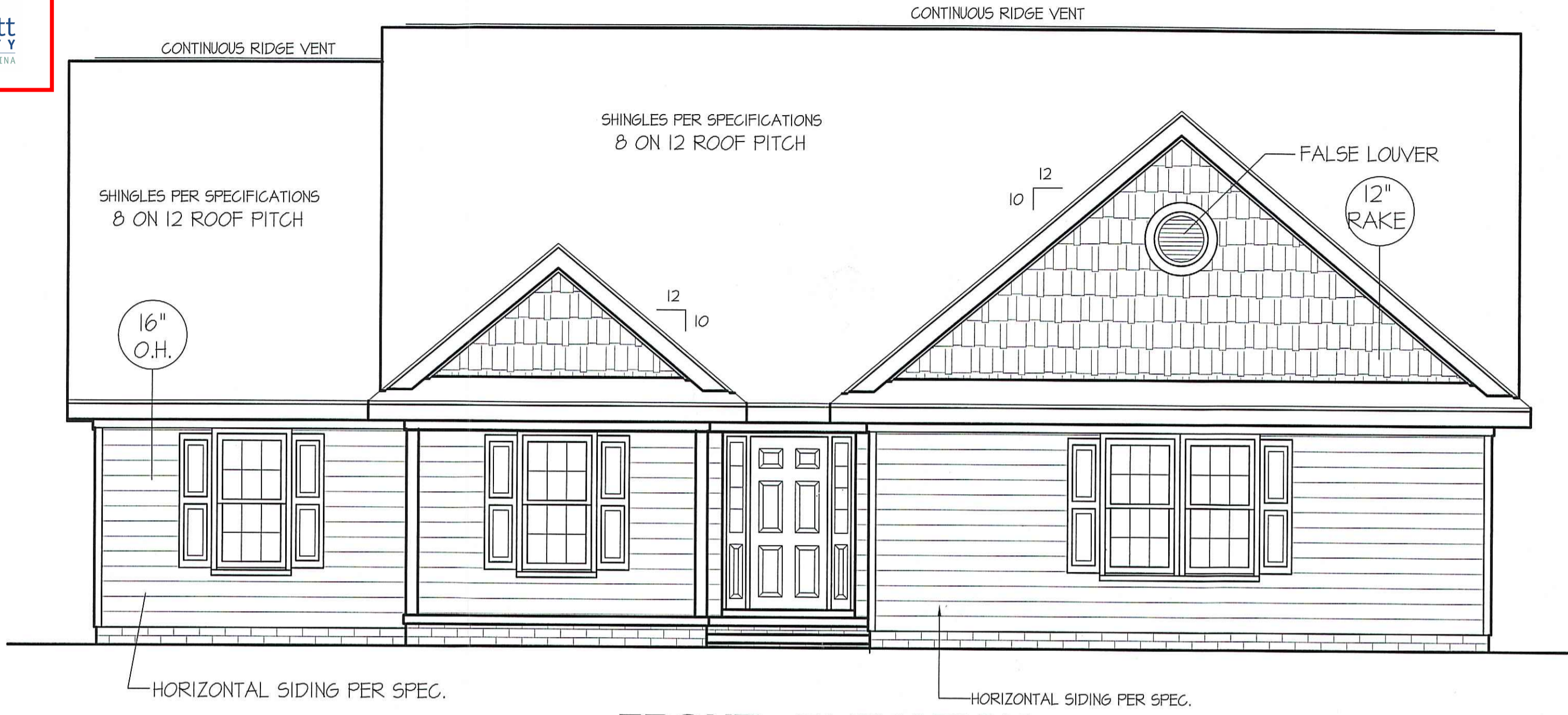
03/22/2021

[Signature]

Harnett COUNTY
 NORTH CAROLINA

THIS PLAN IS DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION

DATE:
 FEB. 20, 2021



FRONT ELEVATION

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

ROOF VENTILATION REQ'MTS.
 2510 ATTIC SQ. FT. / 300 = 8.37

PROVIDED ON PLAN
 97 L.F. RIDGE VENT = 18.19
 124 L.F. SOFFIT VENT = 7.75
 TOTAL = 25.94 S.F. FREE NET AREA

WIND ZONES (PER TABLE R301.2(4))

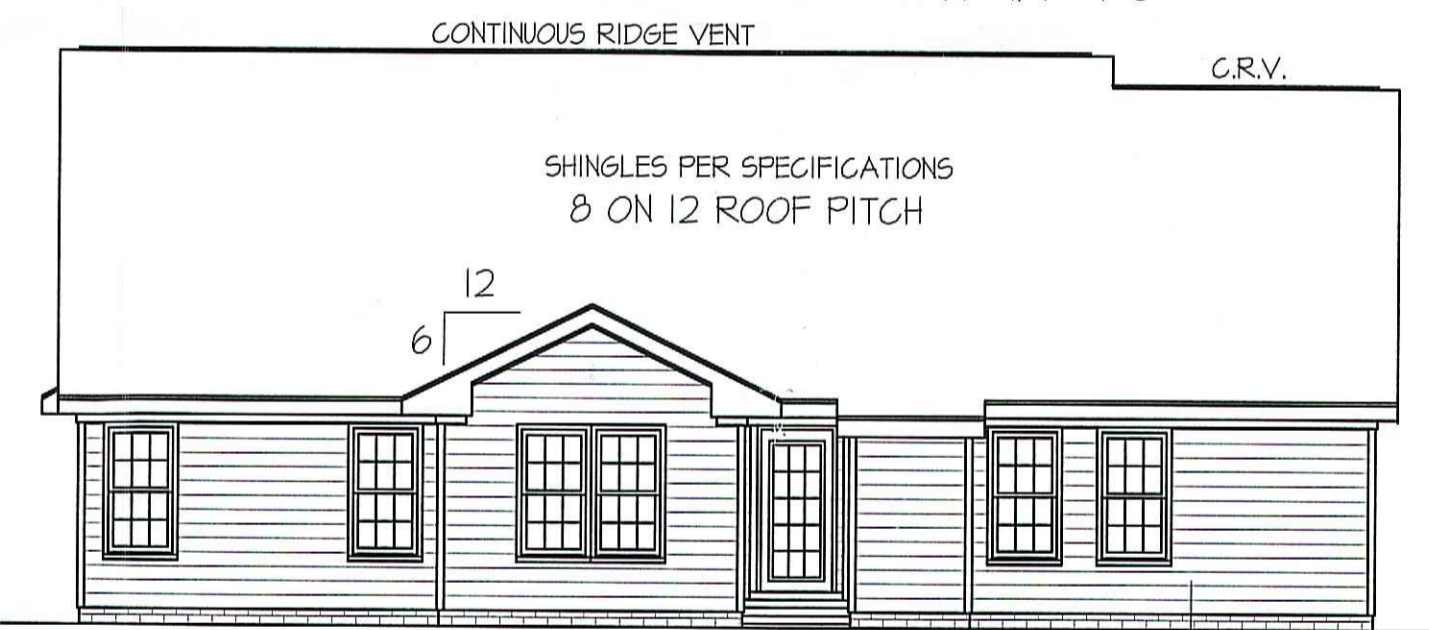
COUNTY	MPH
HARNETT	120
JOHNSTON	120
SAMPSON	130
WAKE	115

INSULATION and FENESTRATION REQUIREMENTS

CLIMATE ZONE	ZONE-3	ZONE-4
FENESTRATION U-FACTOR	0.35	0.35
GLAZED FENESTRATION SHGC	0.30	0.30
MINIMUM CEILING R-VALUE	R-38	R-38
MINIMUM WALL R-VALUE	R-15, 13+2.5	R-15, 13+2.5
MINIMUM FLOOR R-VALUE	R-19	R-19
MIN. CRAWL SPACE WALL R-VALUE	5/13	10/15
MIN. SLAB R-VALUE	0	R-10

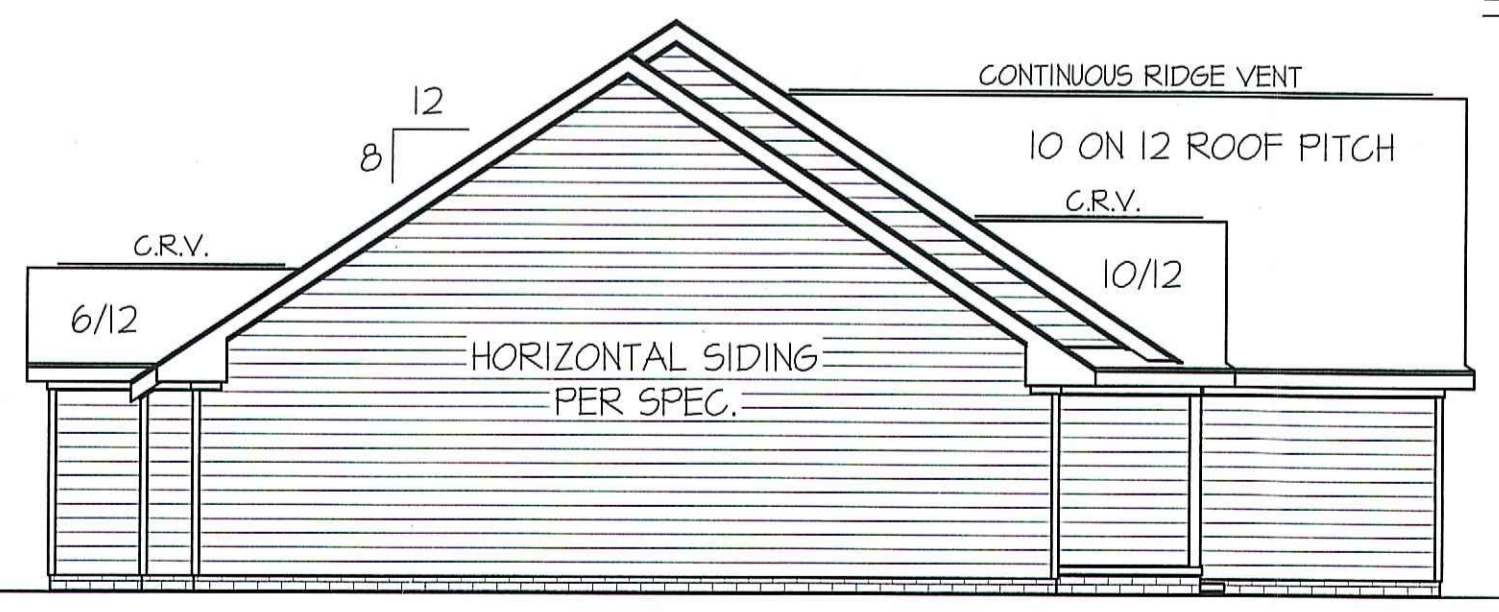
PROVIDE STEPS AS REQUIRED
 GRADE MAY VARY - BUILDER TO VERIFY

ALL EXTERIOR WALLS TO BE SHEATHED WITH CS-WSP (7/16" OSB) IN ACCORDANCE WITH SECTION R602.10.3 UNLESS OTHERWISE NOTED.



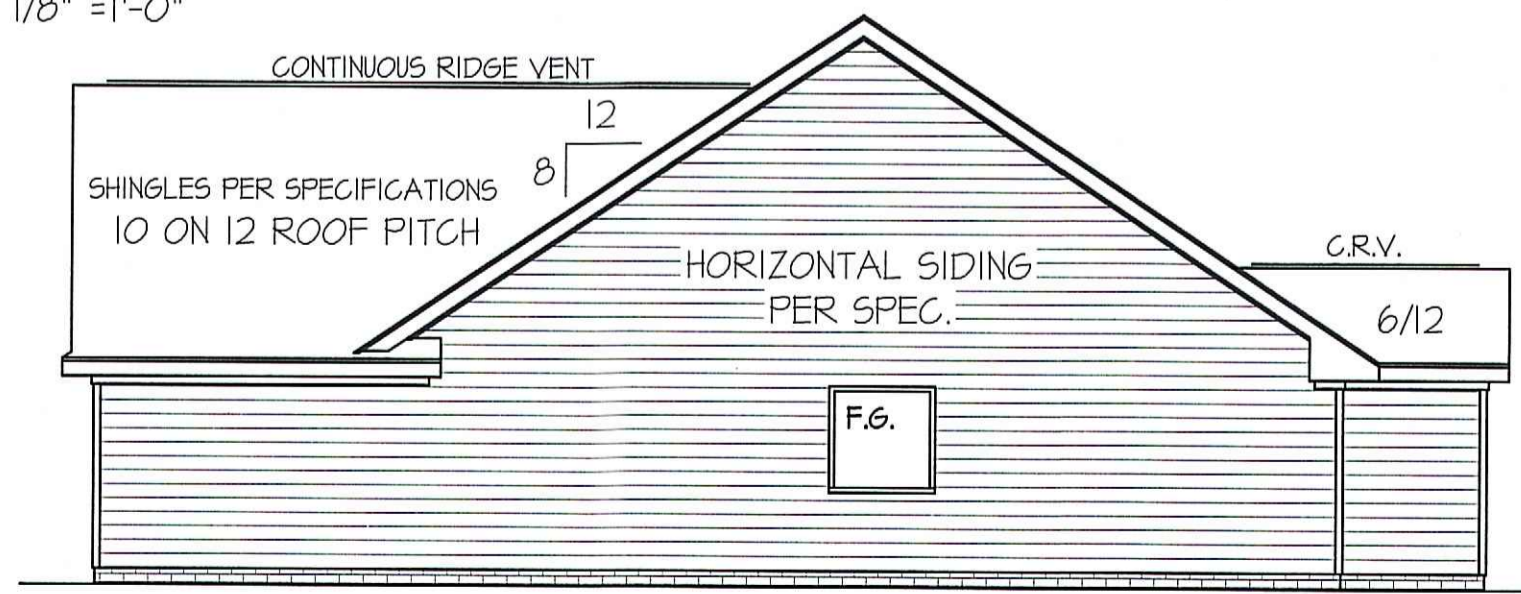
REAR ELEVATION

SCALE: 1/8" = 1'-0"



LEFT ELEVATION

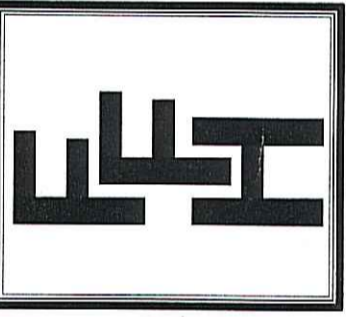
SCALE: 1/8" = 1'-0"



RIGHT ELEVATION

SCALE: 1/8" = 1'-0"

FREEDOM FAMILY HOMES
 P.O. BOX 608
 DUNN, N.C. - 28335
 O: (910) 892-1231 FAX: (910) 892-5680
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EXCLUSIVE PLAN FOR
 FREEDOM FAMILY HOMES
WILSON~SIKORSKI

SHEET NO.
1

MAIN COMPUTER FILE: FFH - WILSON-SIKORSKI - FEB-2021

SJS *cc.*

FOUNDATION DRAINAGE
 A DRAINAGE SYSTEM IS NOT REQUIRED WHEN THE FOUNDATION IS INSTALLED ON WELL-DRAINED GROUND OR SAND-GRAVEL MIXTURE SOILS ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM, GROUP I SOILS, AS DETAILED IN TABLE R405.

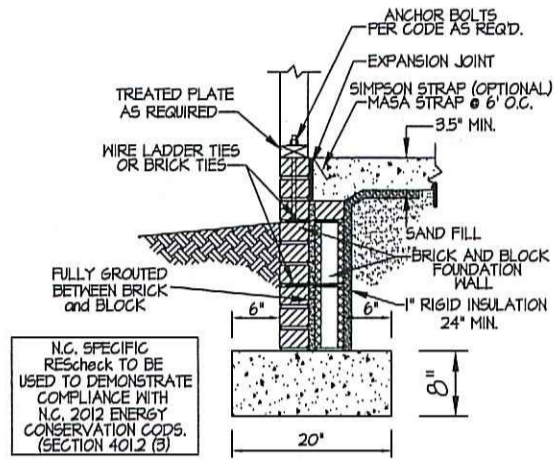
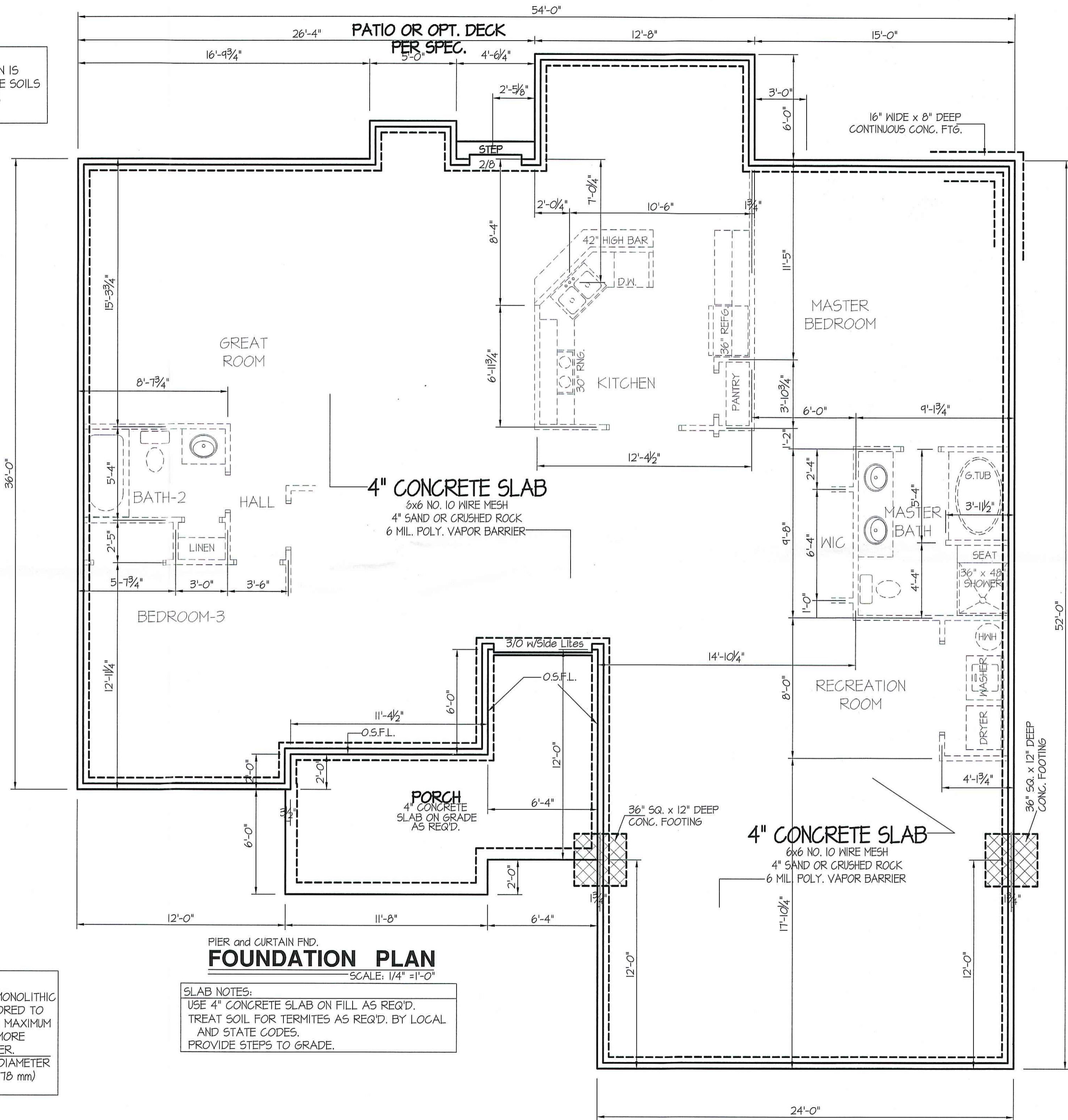


FIGURE R405(11)
 GROUND SUPPORT SLAB WITH MASONRY WALL AND SPREAD FOOTING

HOUSE CONCRETE SLAB ON GRADE FOOTING AND WALL SECTION 1/2" = 1'-0"

FOUNDATION ANCHORAGE
 THE WOOD SOLE PLATE AT EXTERIOR WALLS ON MONOLITHIC SLABS AND WOOD SILL PLATE SHALL BE ANCHORED TO THE FOUNDATION WITH ANCHOR BOLTS SPACED A MAXIMUM OF 4 FEET (1219.3 mm) ON CENTER AND NOT MORE THAN 12 INCHES (305 mm) FROM THE CORNER. BOLTS SHALL BE AT LEAST 1/2 INCH (12.7 mm) IN DIAMETER AND SHALL EXTEND A MINIMUM OF 15 INCHES (178 mm) INTO MASONRY OR CONCRETE.



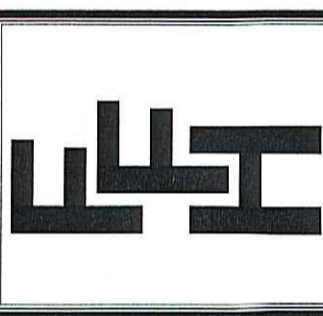
PIER and CURTAIN FND.
FOUNDATION PLAN

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

SLAB NOTES:
 USE 4" CONCRETE SLAB ON FILL AS REQ'D.
 TREAT SOIL FOR TERMITES AS REQ'D. BY LOCAL AND STATE CODES.
 PROVIDE STEPS TO GRADE.

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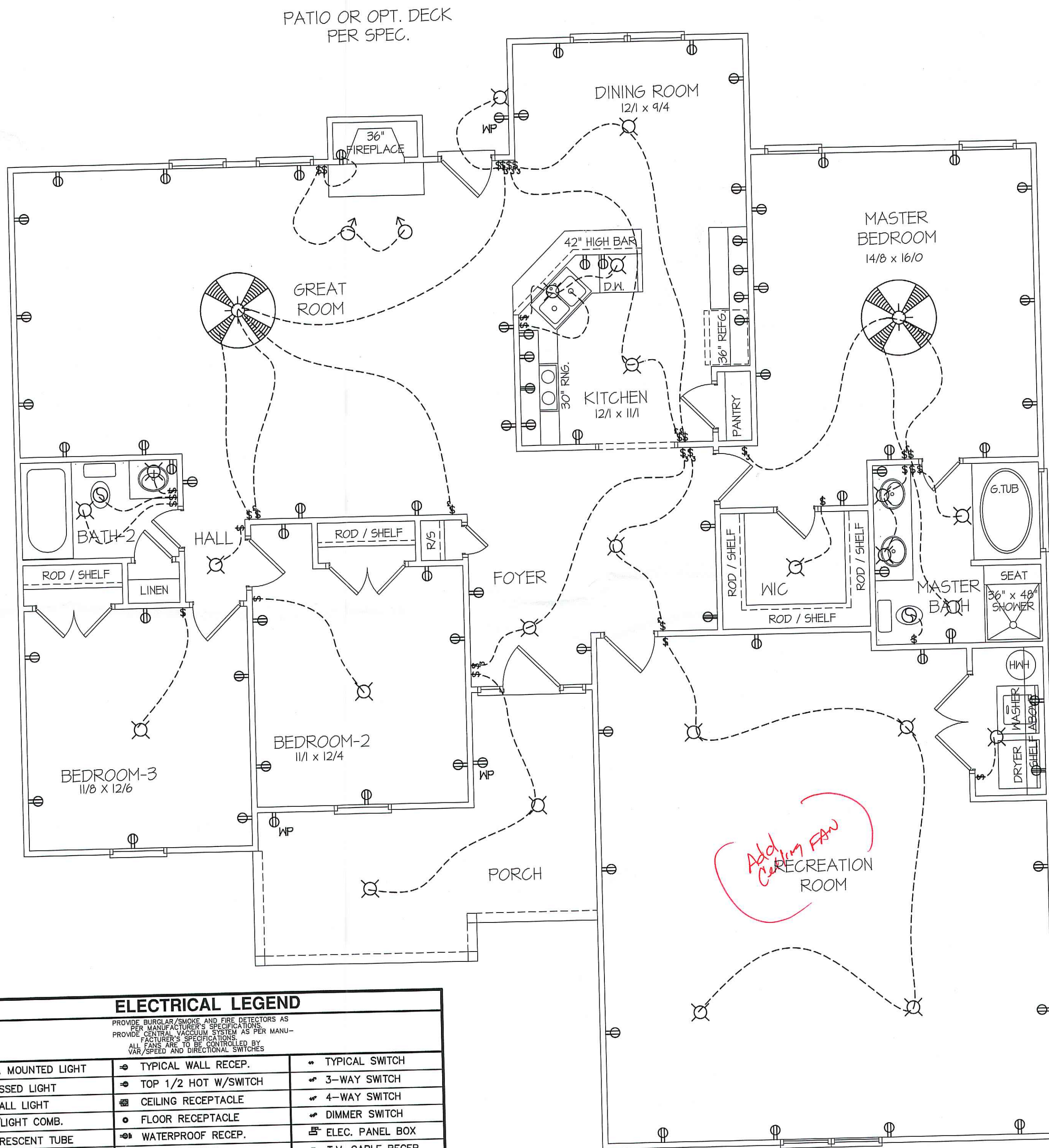


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SHEET NO.
3

SHS

MAIN COMPUTER FILE: FFH - WILSON-SIKORSKI - FEB-2021



PATIO OR OPT. DECK
PER SPEC.

DINING ROOM
12/1 x 9/4

MASTER
BEDROOM
14/8 x 16/0

GREAT
ROOM

KITCHEN
12/1 x 11/1

BATH-2

HALL

FOYER

BEDROOM-2
11/1 x 12/4

BEDROOM-3
11/8 x 12/6

PORCH

RECREATION
ROOM

ELECTRICAL LEGEND

PROVIDE BURGLAR/SMOKE AND FIRE DETECTORS AS PER MANUFACTURER'S SPECIFICATIONS.
PROVIDE CENTRAL VACUUM SYSTEM AS PER MANUFACTURER'S SPECIFICATIONS.
ALL FANS ARE TO BE CONTROLLED BY VAR/SPEED AND DIRECTIONAL SWITCHES

⊕ SURF. MOUNTED LIGHT	⊕ TYPICAL WALL RECEP.	⊕ TYPICAL SWITCH
○ RECESSED LIGHT	⊕ TOP 1/2 HOT W/SWITCH	⊕ 3-WAY SWITCH
⊕ EYEBALL LIGHT	⊕ CEILING RECEPTACLE	⊕ 4-WAY SWITCH
⊕ FAN/LIGHT COMB.	⊕ FLOOR RECEPTACLE	⊕ DIMMER SWITCH
— FLUORESCENT TUBE	⊕ WATERPROOF RECEP.	⊕ ELEC. PANEL BOX
□ FLUOR. LIGHT FIXTURE	⊕ GROUND FAULT	⊕ T.V. CABLE RECEP.
⊕ EXHAUST FAN	⊕ DISPOSAL UNIT	⊕ TELEPHONE JACK
⊕ CL'G. FAN	⊕ 220 VOLT RECEPTACLE	⊕ COMPUTER JACK
⊕ FLOOD LIGHT		

8' CL.G. UNLESS OTHERWISE NOTE
**ELECTRICAL
FLOOR PLAN**
SCALE: 1/4" = 1'-0"

FLOOR HEATED FRAME AREA = 2331 S.F.
PORCH PORCH AREA = 169 S.F.

SAS

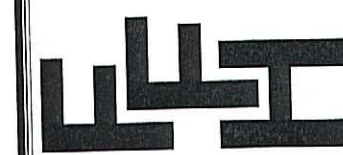
RS

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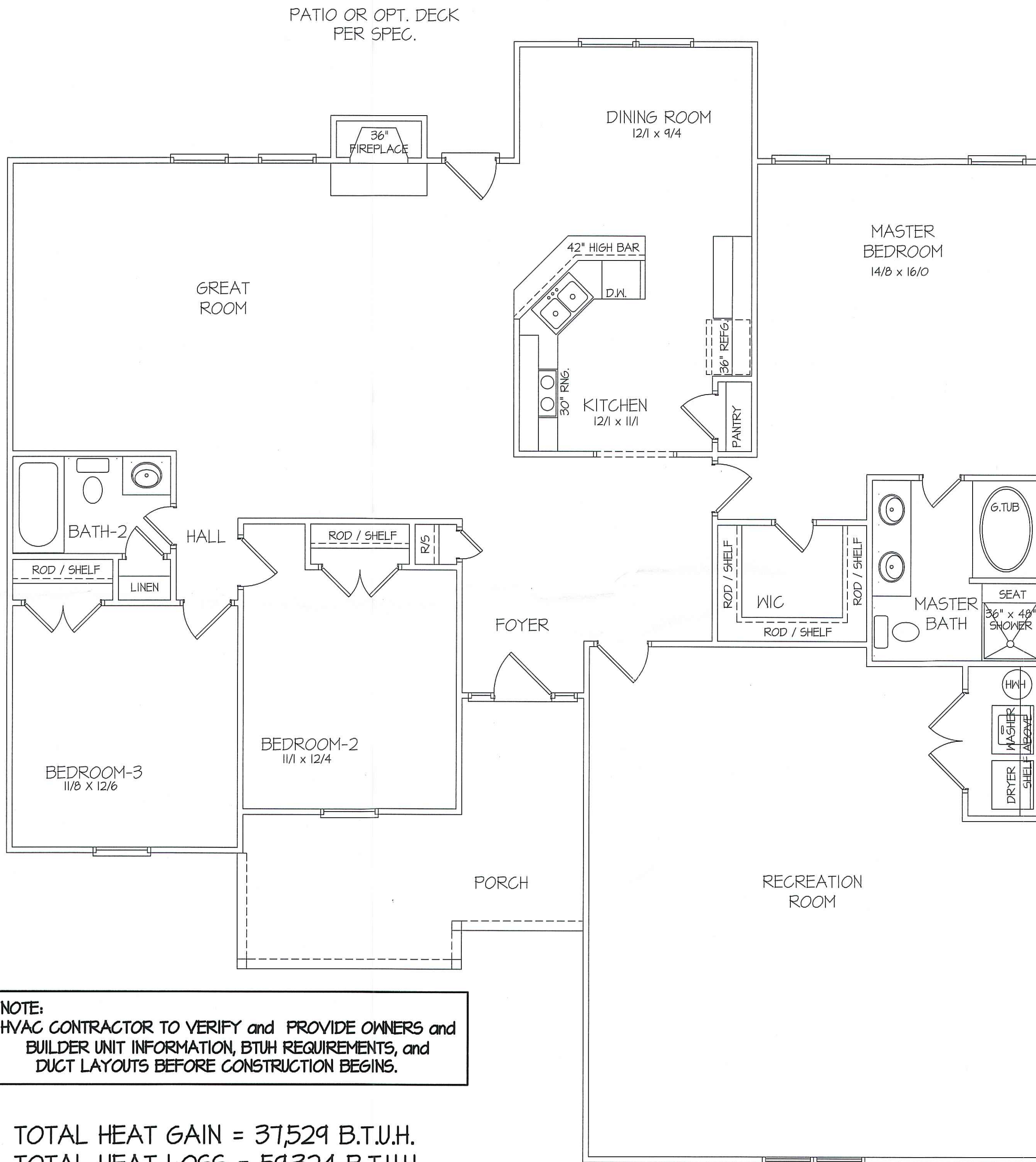
WILSON-SIKORSKI

PLAN:

SHEET NO.

4

MAIN COMPUTER FILE: FFH - WILSON-SIKORSKI - FEB-2021



NOTE:
 HVAC CONTRACTOR TO VERIFY and PROVIDE OWNERS and BUILDER UNIT INFORMATION, BTUH REQUIREMENTS, and DUCT LAYOUTS BEFORE CONSTRUCTION BEGINS.

TOTAL HEAT GAIN = 37,529 B.T.U.H.
 TOTAL HEAT LOSS = 59,324 B.T.U.H.

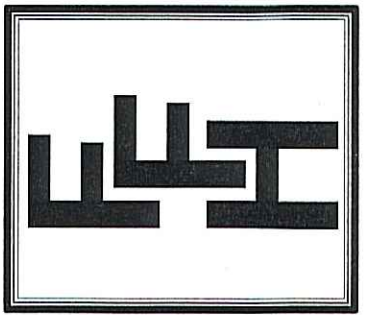
8' CEILINGS UNLESS OTHERWISE NOTED
HVAC FLOOR PLAN
 SCALE: 1/4" = 1'-0"
 FLOOR HEATED FRAME AREA = 2331 S.F.
 PORCH PORCH AREA = 169 S.F.

SAS

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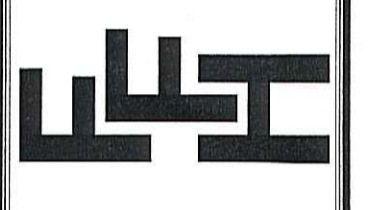


PLAN:
**EXCLUSIVE PLAN FOR
 FREEDOM FAMILY HOMES**
WILSON~SIKORSKI

SHEET NO.
5

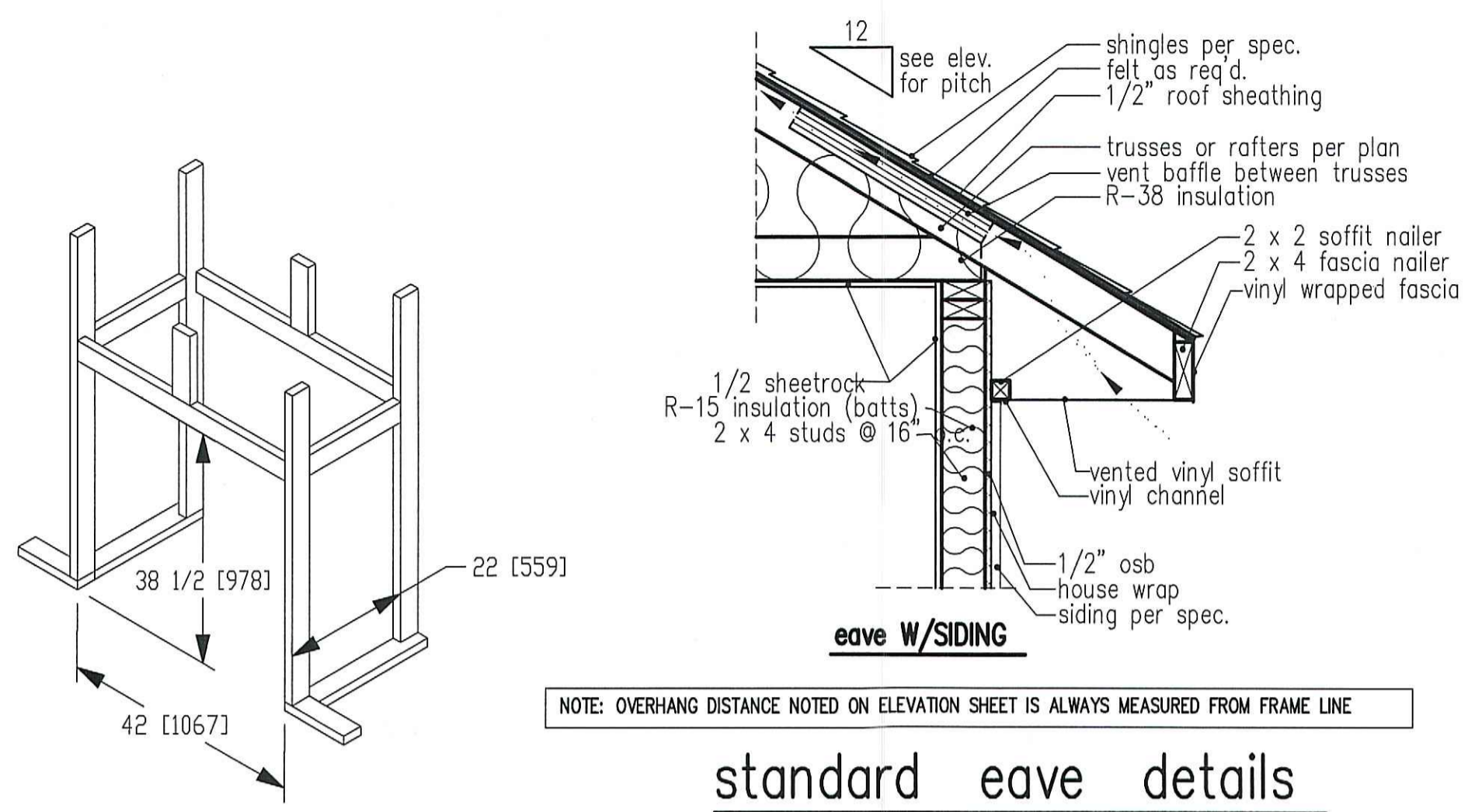
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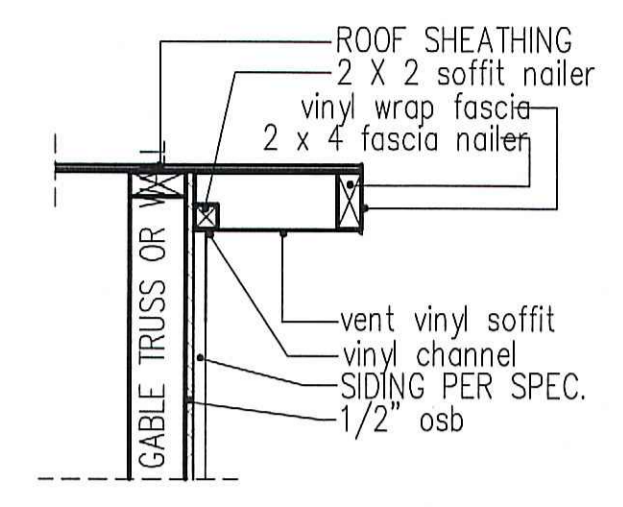
EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES
WILSON~SIKORSKI

PLAN:
SHEET NO.
6



NOTE: OVERHANG DISTANCE NOTED ON ELEVATION SHEET IS ALWAYS MEASURED FROM FRAME LINE

standard eave details



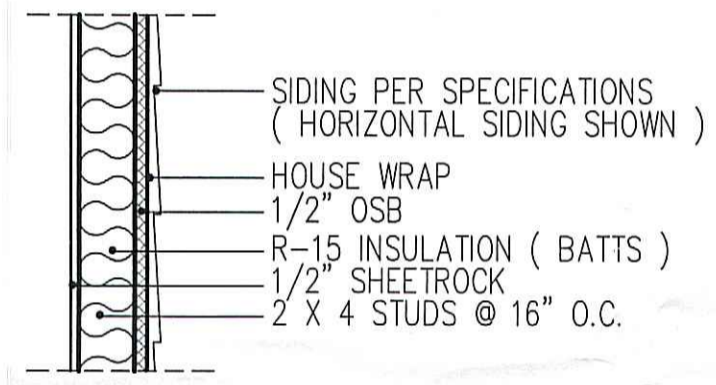
RAKE w/SIDING

NOTE: OVERHANG DISTANCE NOTED ON ELEVATION SHEET IS ALWAYS MEASURED FROM FRAME LINE

DIMENSIONS IN [] ARE MM

Model 6000-TR	Height		Front Width		Back Width		Depth		Glass Size	BTU Input
	Actual	Framing	Actual	Framing	Actual	Framing	Actual	Framing		
Inches	38	38-1/2	41	42	28-1/2	42	21-1/2	22		

Reference dimensions only. We recommend measuring individual units at installation.



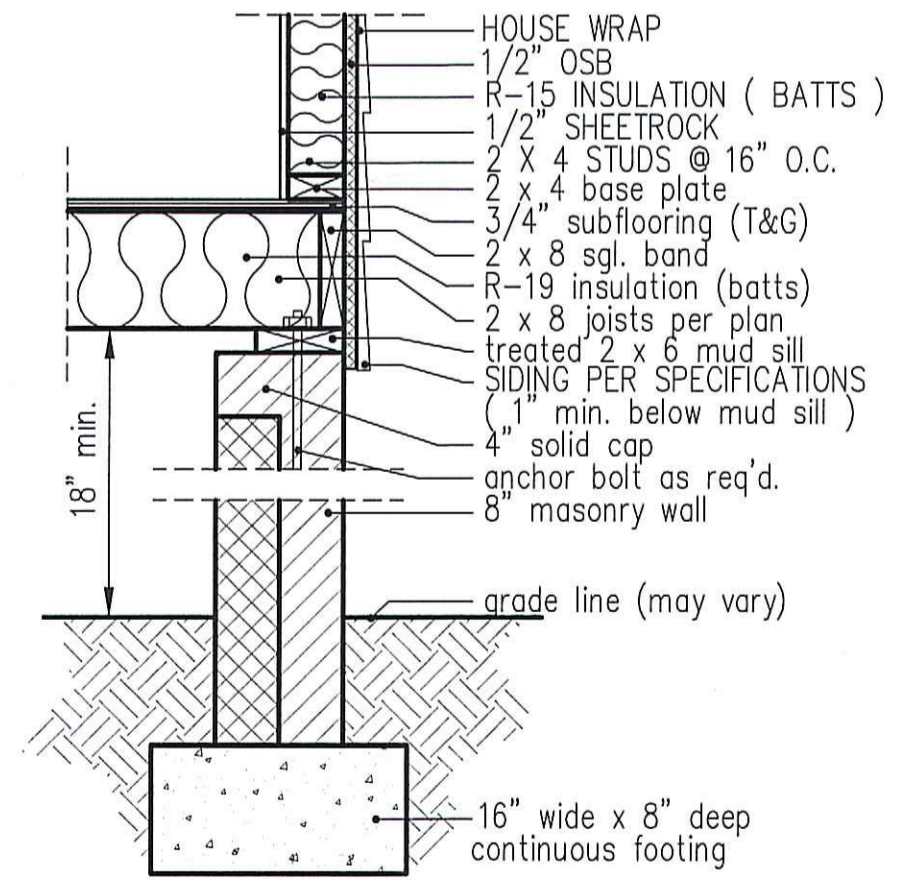
WALL W/siding

intermediate wall details

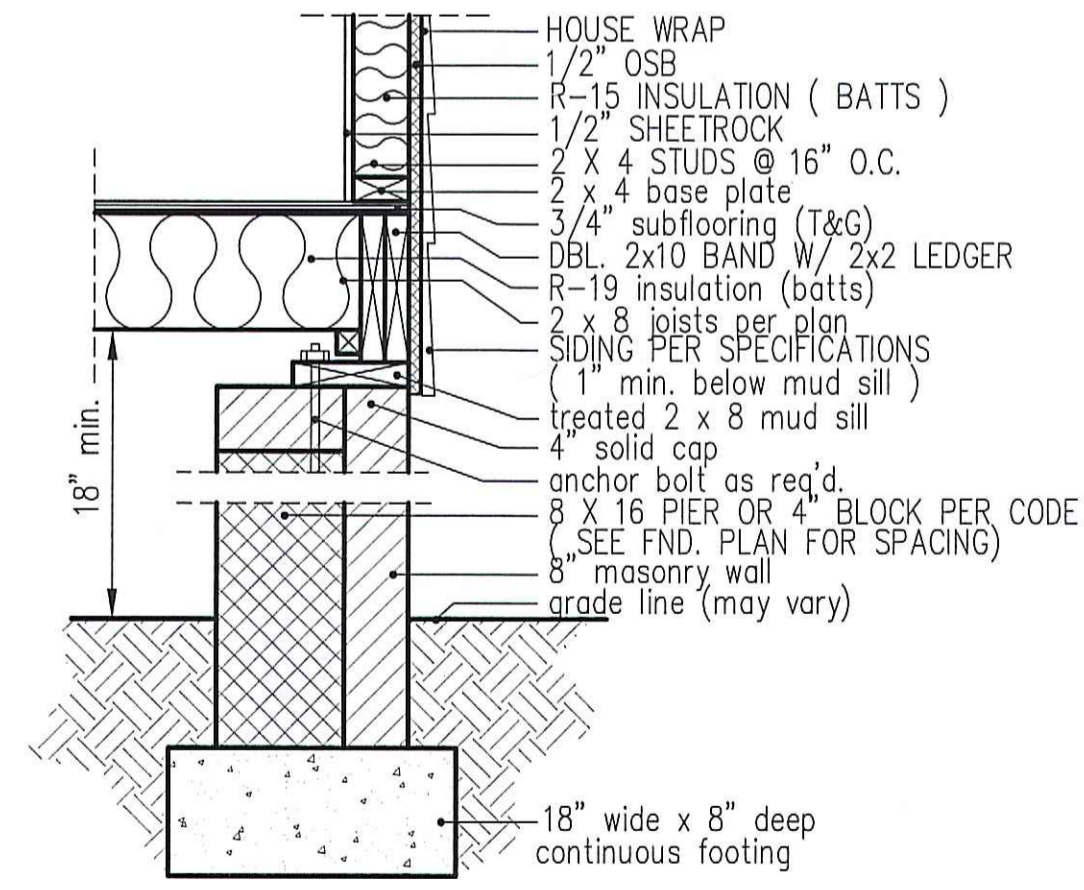
TABLE R602.7.5
MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (feet)	MAX. STUD SPACING (inches) [per Table R602.3(5)]	
	16	24
< 3'	1	1
4'	2	1
8'	3	2
12'	5	3
16'	6	4

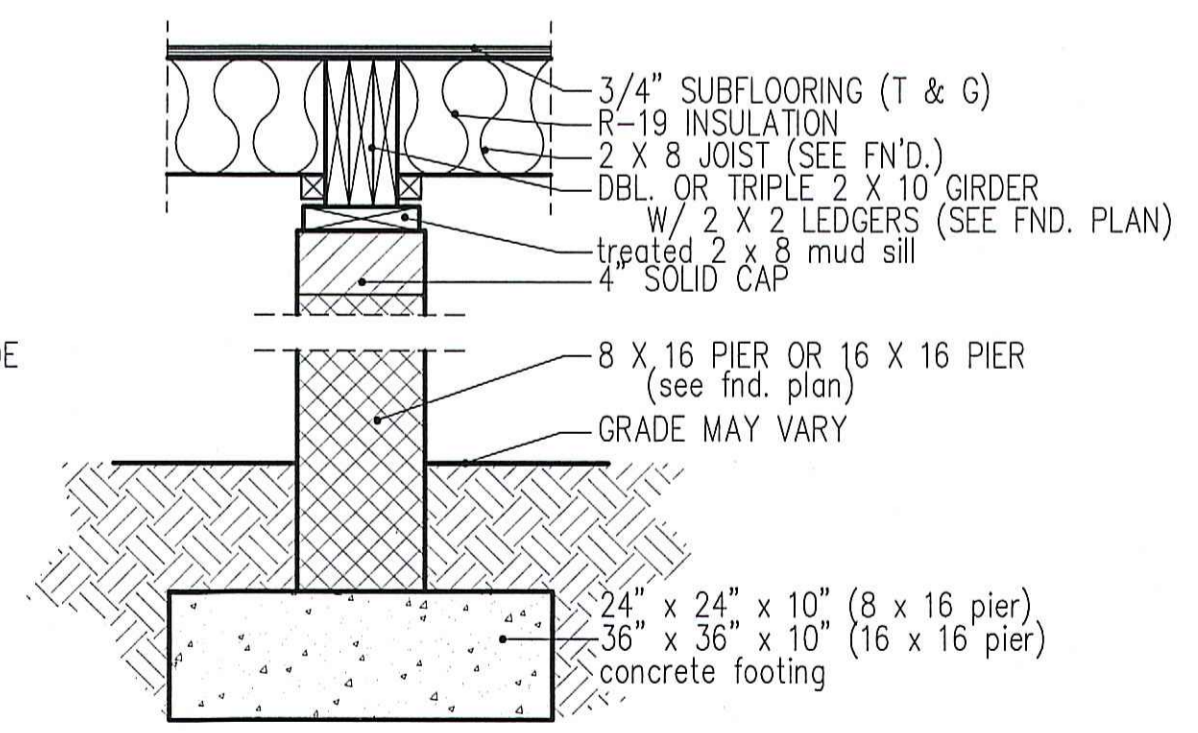
GIRDER AND HEADER SIZES AND JACK STUD REQUIREMENTS ON EXTERIOR AND INTERIOR LOAD BEARING WALLS ARE TO COINCIDE WITH TABLE EXT.~R602.7 (1) AND INT.~R602.7 (2).



8" BOX SILL FOUNDATION WALL



PIER and CURTAIN FOUNDATION WALL



PIER and GIRDER DETAIL

5/25
0/8

