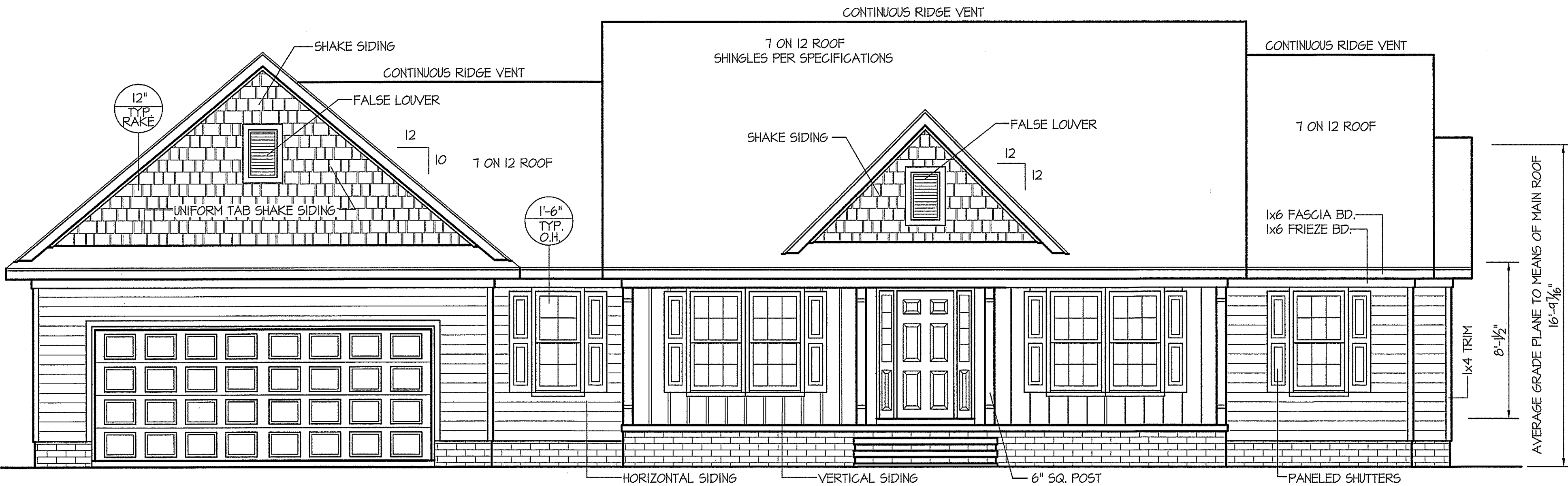


THIS PLAN IS DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION

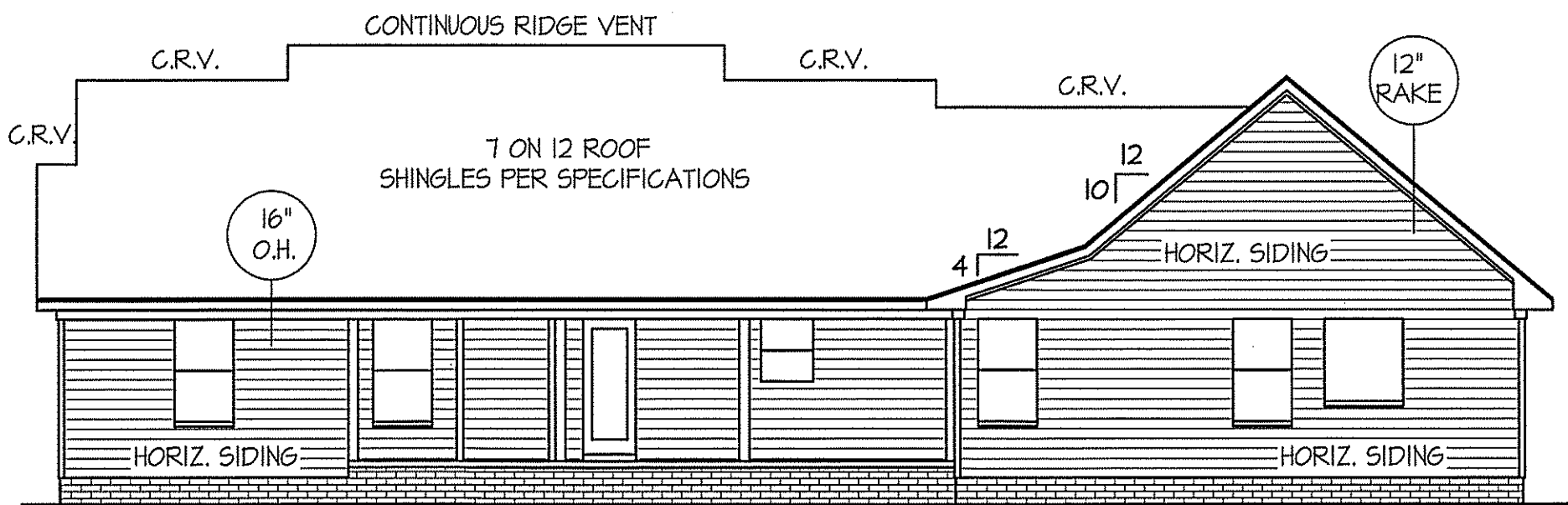


FRONT ELEVATION

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

WIND ZONES (PER TABLE R301.2(4))	
COUNTY	MPH
HARNETT	120
JOHNSTON	120
SAMPSON	130
WAKE	115

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



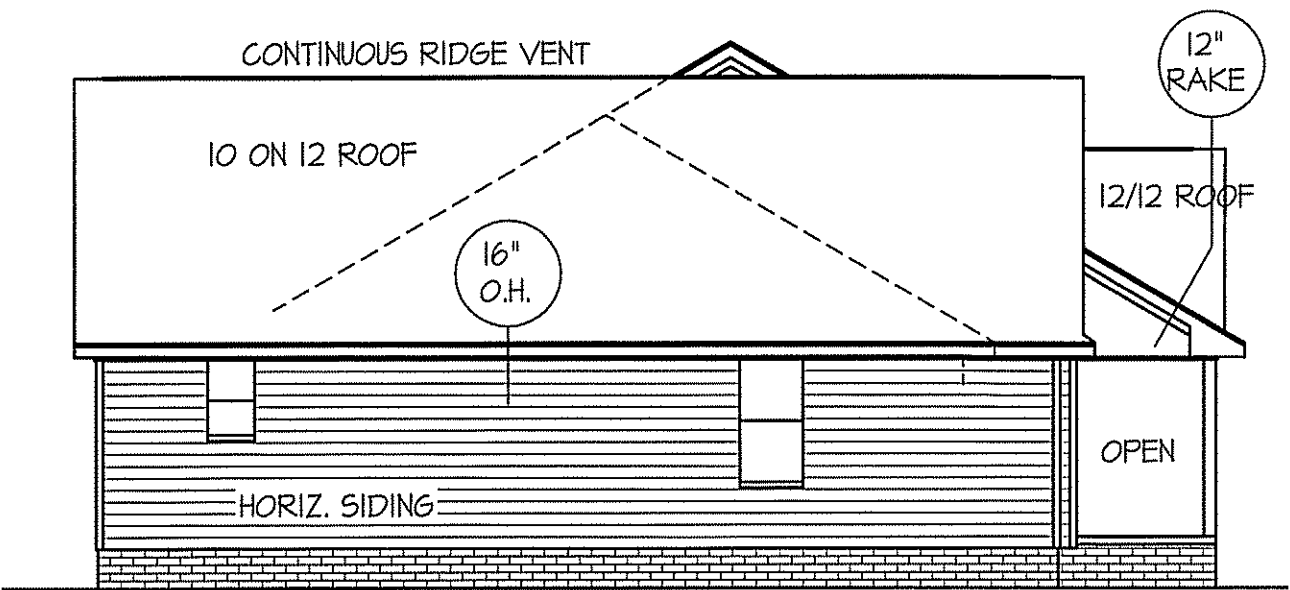
REAR ELEVATION

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

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

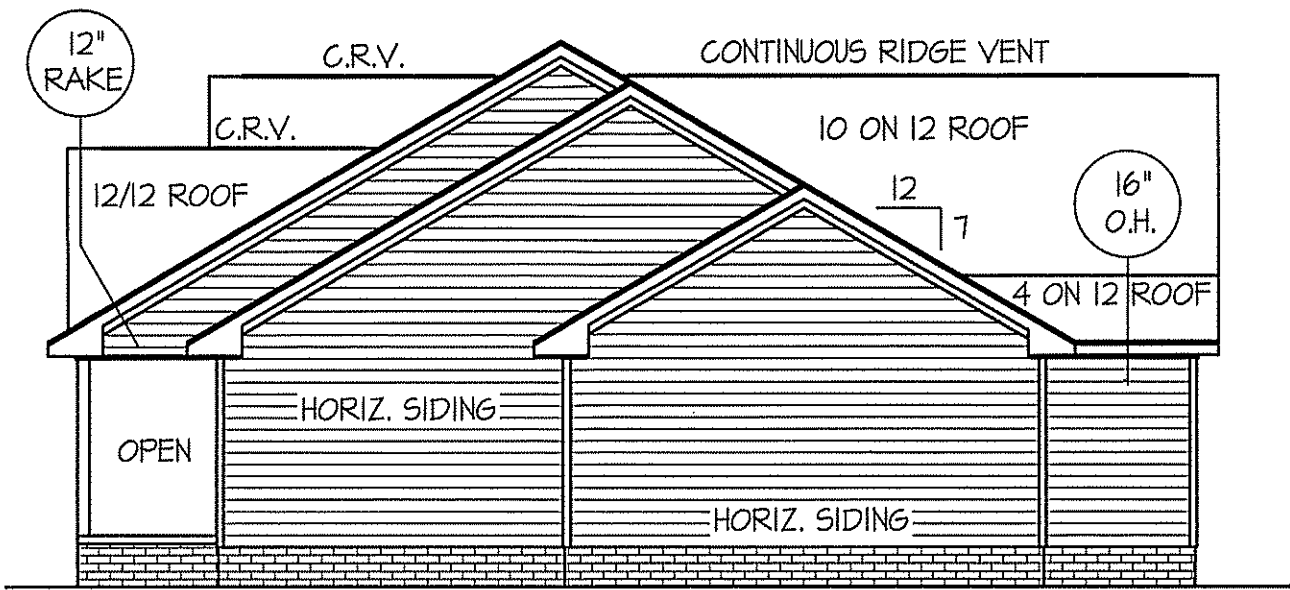
PROVIDE STEPS AS REQUIRED
GRADE MAY VARY - BUILDER TO VERIFY

ROOF VENTILATION REQ'TS.
2240 ATTIC SQ. FT. / 300 = 7.47
PROVIDED ON PLAN
109 L.F. RIDGE VENT = 20.43
144 L.F. SOFFIT VENT = 9.0
TOTAL = 29.43 S.F. FREE NET AREA



LEFT ELEVATION

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



RIGHT ELEVATION

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

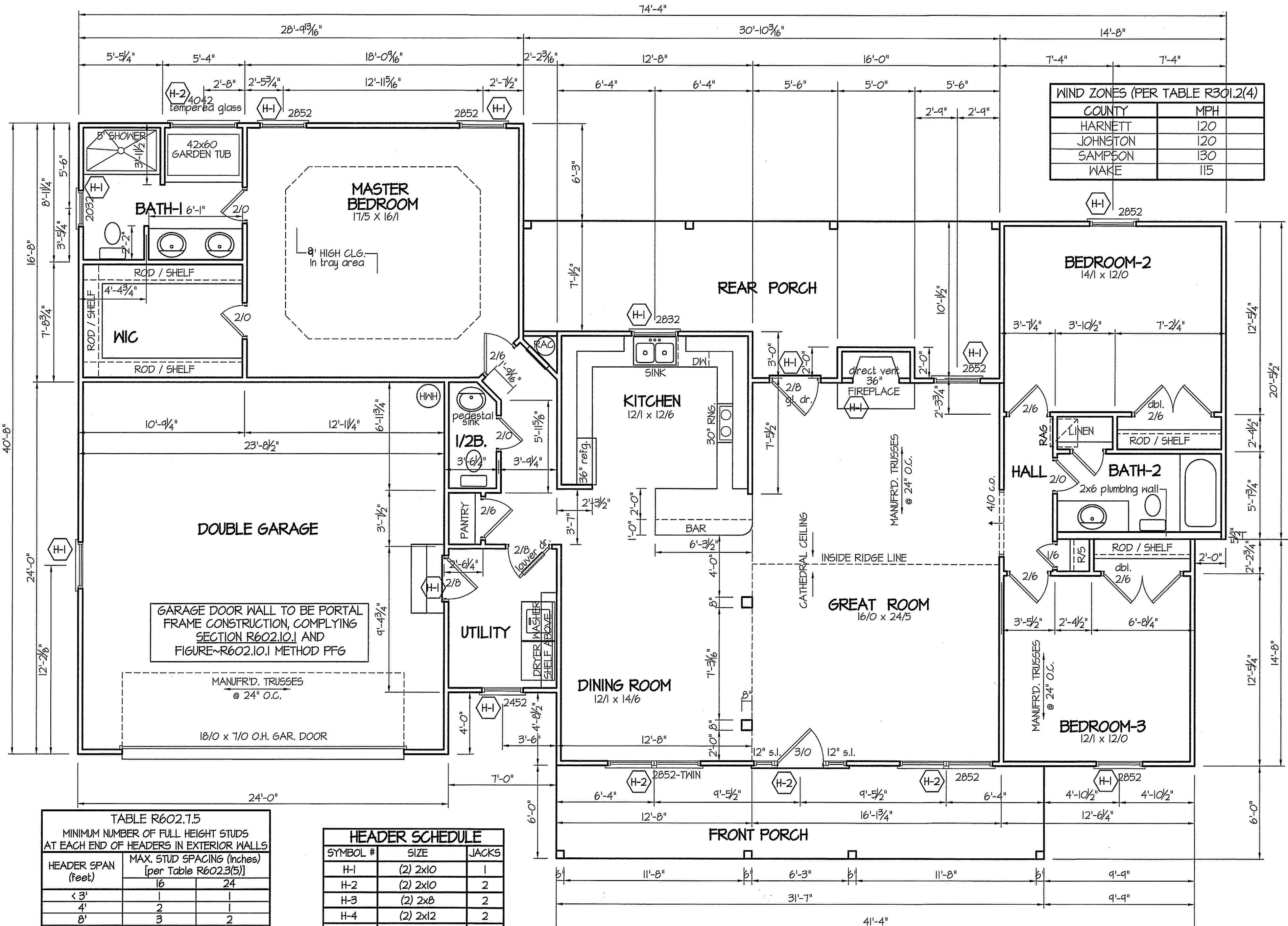
DATE:
MARCH 30, 2020

FREEDOM FAMILY HOMES
P.O. BOX 608
DUNN, N.C. - 28335
O: (910) 892-1231 FAX: (910) 892-5680
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PLAN:
**EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES**
The Campbell-Left

SHEET NO.
1



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

COUNTY	MPH
HARNETT	120
JOHNSTON	120
SAMPSON	130
WAKE	115

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

HEADER SCHEDULE

SYMBOL #	SIZE	JACKS
H-1	(2) 2x10	1
H-2	(2) 2x10	2
H-3	(2) 2x8	2
H-4	(2) 2x12	2
H-5	(2) 1.75 x 9.25 LVL	3

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

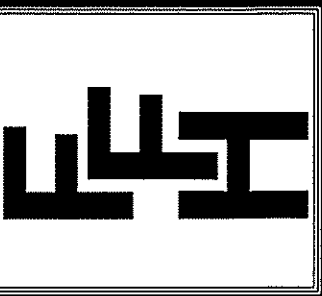
SECTION R407-COLUMNS
R407.3 STRUCTURAL REQUIREMENTS.
THE COLUMNS SHALL BE RESTRAINED TO PREVENT LATERAL
DISPLACEMENT AT THE TOP AND BOTTOM END. WOOD COLUMNS
SHALL BE NOT LESS IN NOMINAL SIZE THAN 4 INCHES BY 4 INCHES
(102 mm BY 102 mm). STEEL COLUMNS SHALL BE NOT LESS THAN
3-INCH-DIAMETER (76 mm) SCHEDULE 40 PIPE MANUFACTURED IN
ACCORDANCE WITH ASTM A53 GRADE B OR APPROVED EQUIVALENT.

ALL INTERIOR AND EXTERIOR
LOAD BEARING HEADERS
WILL BE 2x10 #2 SPF
UNLESS OTHERWISE NOTED.

TYP. 8' CEILINGS
FLOOR PLAN
SCALE: 1/4" = 1'-0"
1885 S.F. (HEATED-FRAME)
120 S.F. (FRONT PORCH)
258 S.F. (REAR PORCH)

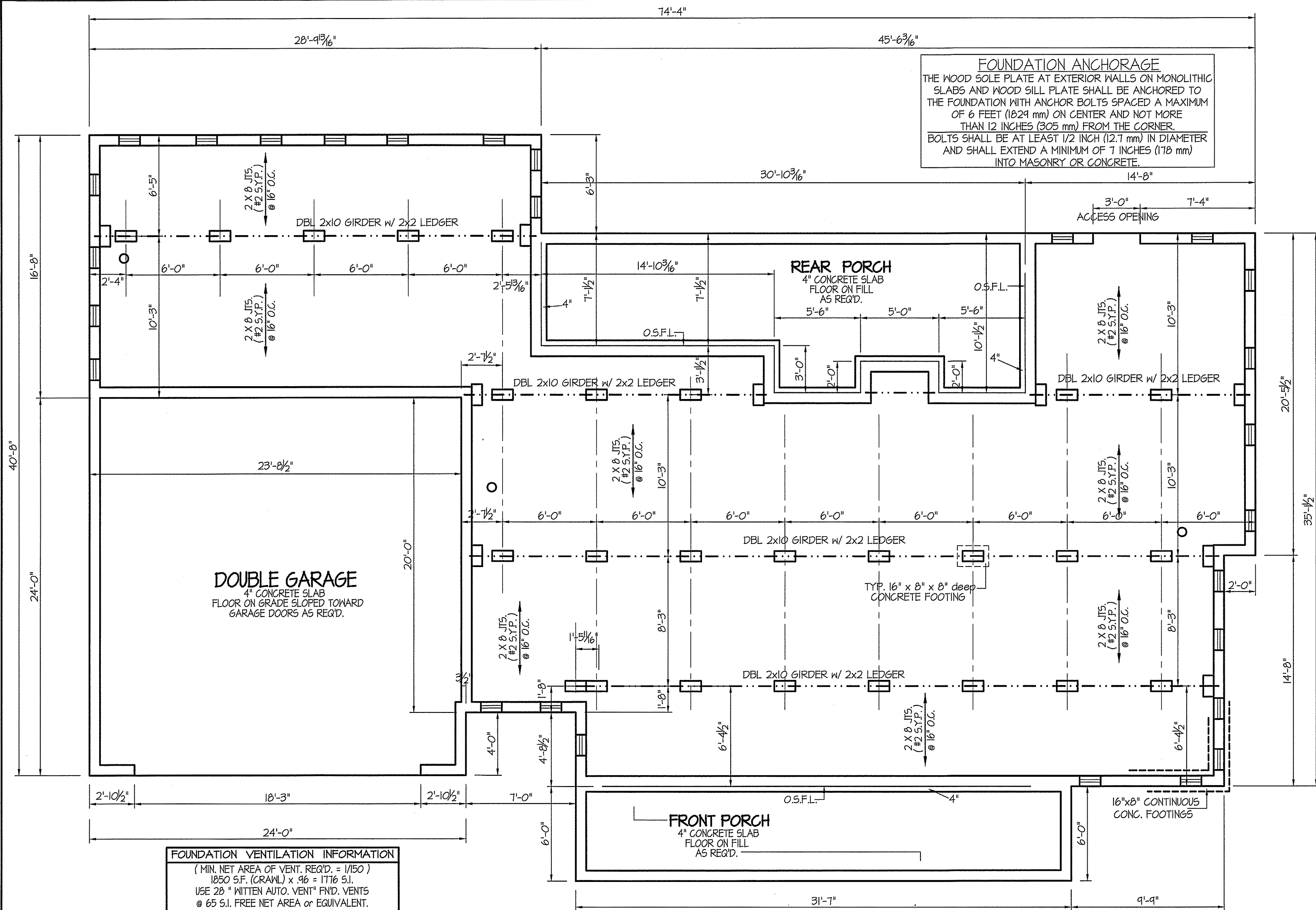
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SHEET NO.
2



DATE:

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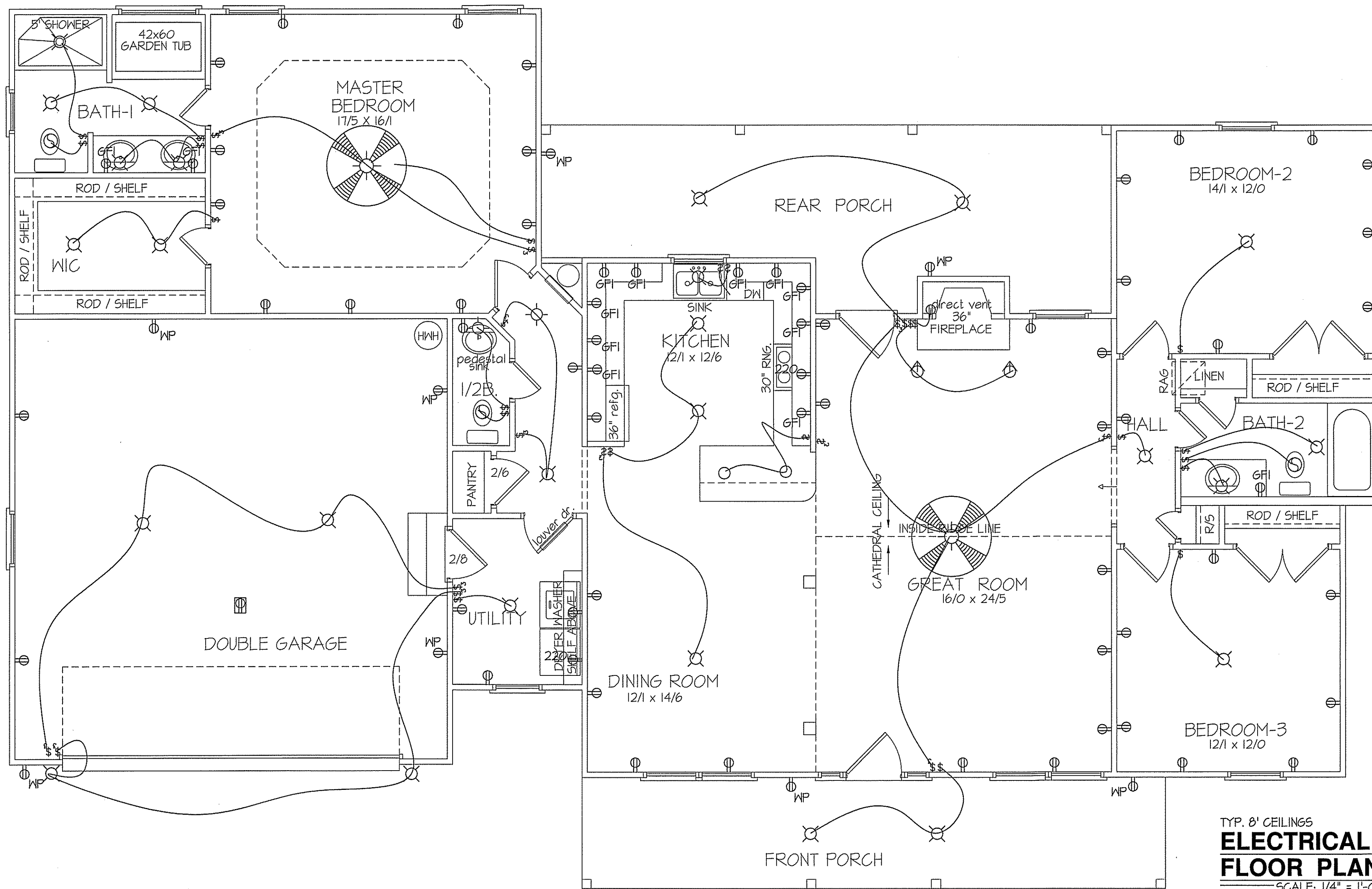
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SHEET NO.

3



TOTAL HEAT GAIN = 30,160 B.T.U.H.
TOTAL HEAT LOSS = 47,125 B.T.U.H.

NOTE:
HVAC CONTRACTOR TO PROVIDE OWNERS AND BUILDERS
UNIT INFORMATION, BTUH REQUIREMENTS, AND
DUCT LAYOUTS BEFORE CONSTRUCTION BEGINS.

1885 S.F. (HEATED-FRAME)
120 S.F. (FRONT PORCH)
258 S.F. (REAR PORCH)

ELECTRICAL LEGEND

PROVIDE BURGLAR/SMOKE AND FIRE DETECTORS AS
PER MANUFACTURER'S SPECIFICATIONS.
PROVIDE CENTRAL VACUUM SYSTEM AS PER MANU-
FACTURER'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		

DATE:

MARCH 30, 2020

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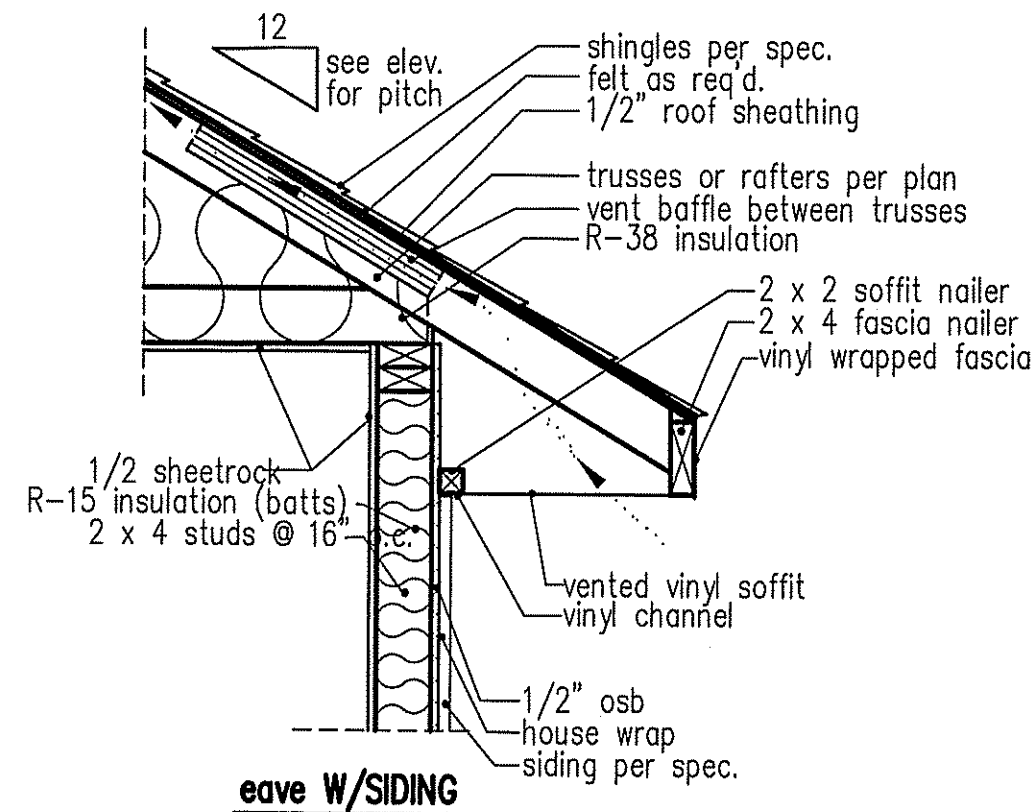
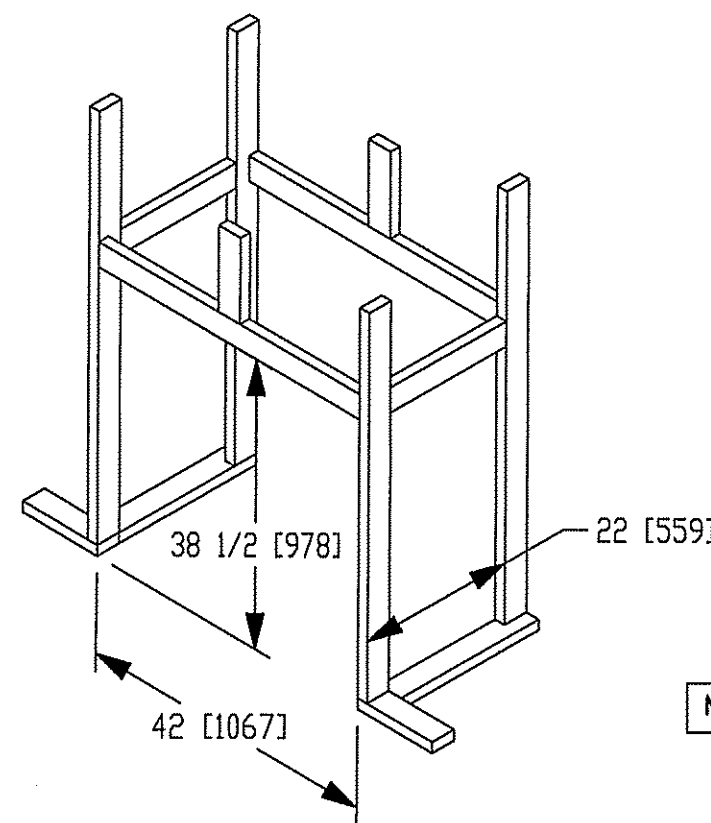


EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES

The Campbell-Left

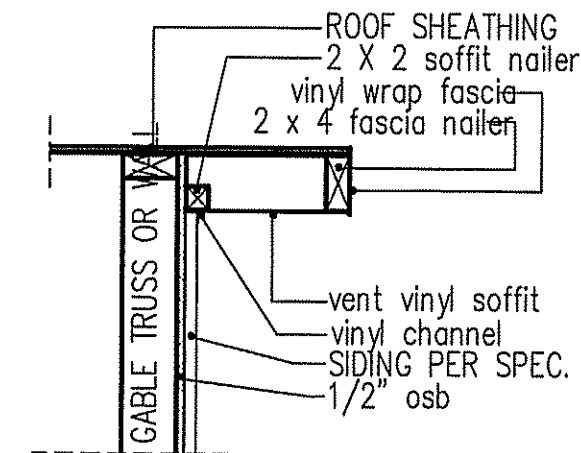
SHEET NO.

4



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

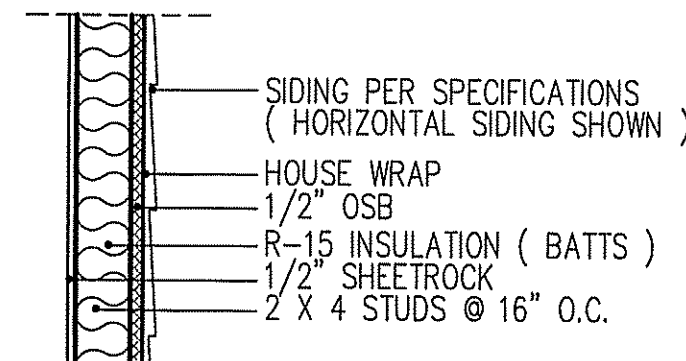
TABLE R602.7.5 MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS		
HEADER SPAN (feet)	MAX. STUD SPACING (Inches) [per Table R602.3(5)]	
	16	24
< 3'	1	1
4'	2	1
8'	3	2
12'	5	3
16'	6	4

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).

DIMENSIONS IN [] ARE MM

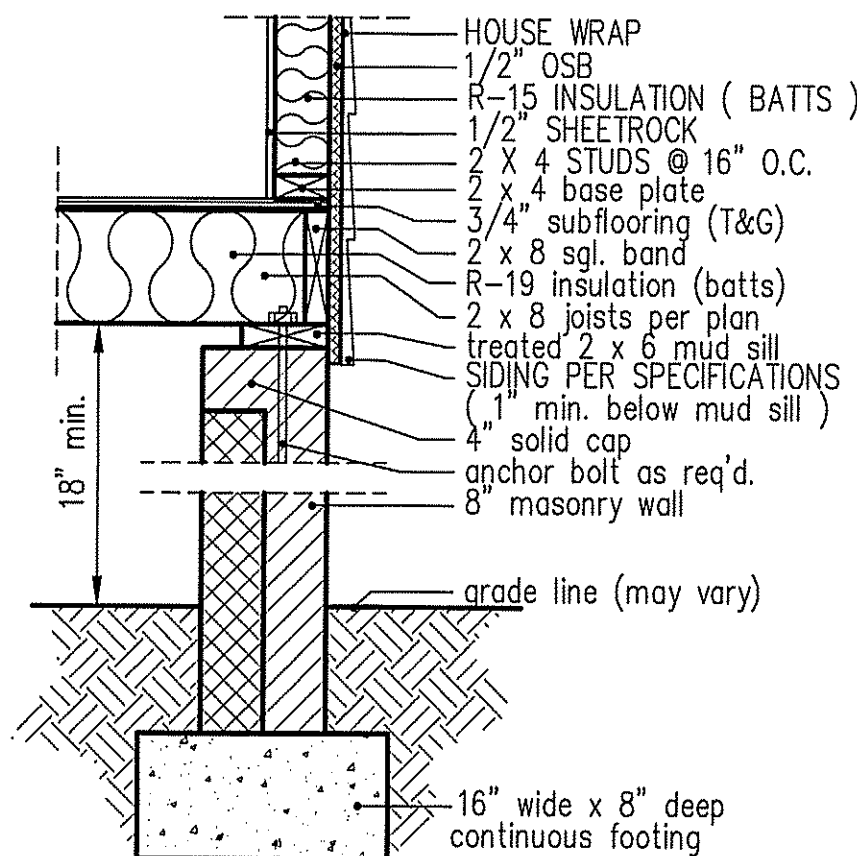
SPECIFICATIONS									
Model 6000-TR	Height		Front Width		Back Width		Depth		Glass Size
	Actual	Framing	Actual	Framing	Actual	Framing	Actual	Framing	
Inches	38	38-1/2	41	42	28-1/2	42	21-1/2	22	

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

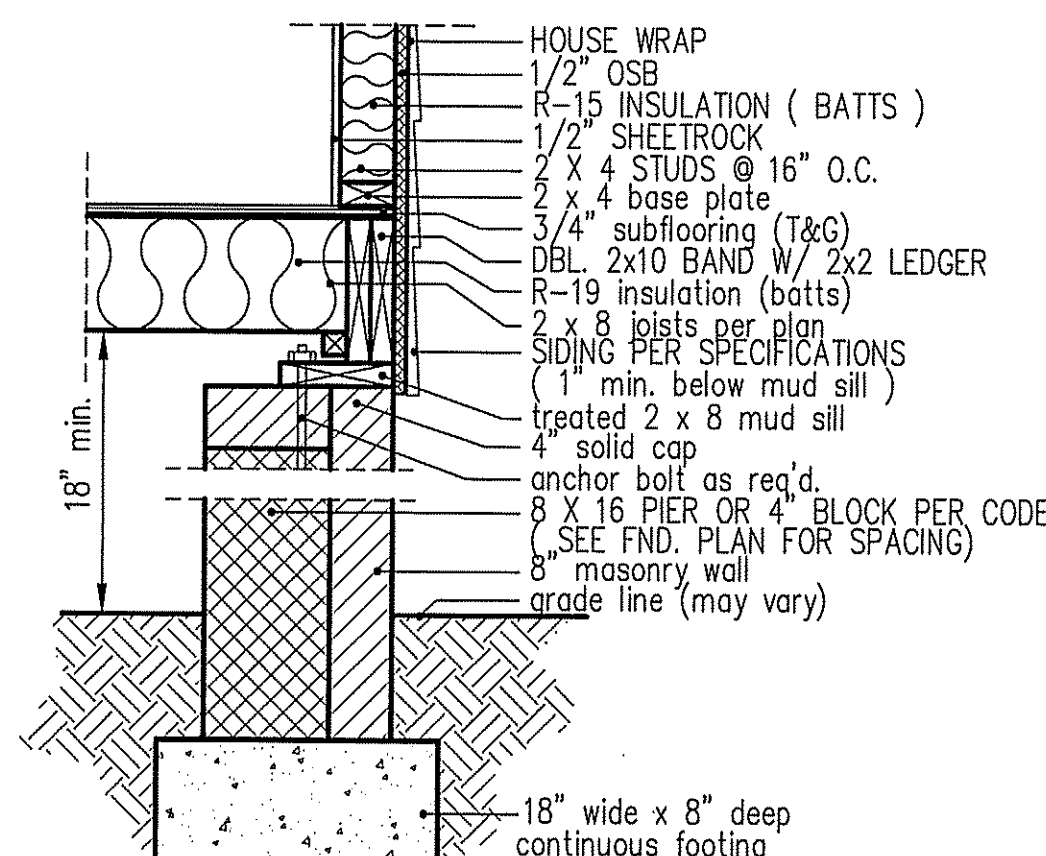


WALL W/siding

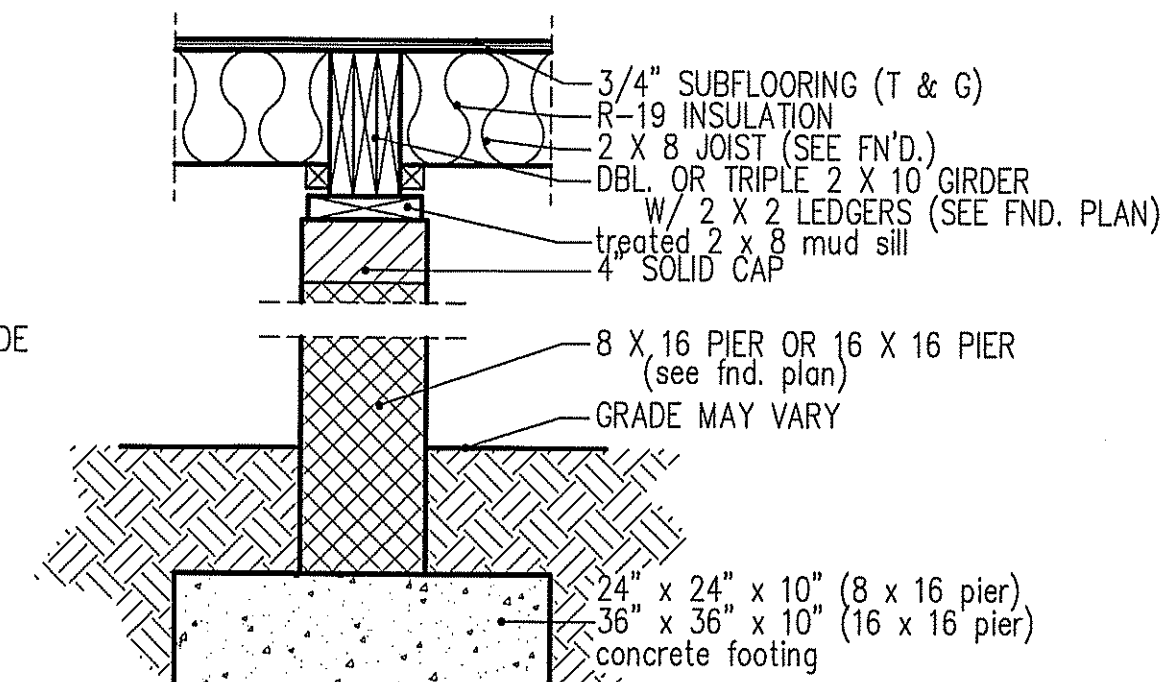
intermediate wall details



8" BOX SILL FOUNDATION WALL



PIER and CURTAIN FOUNDATION WALL



PIER and GIRDER DETAIL

DATE:
MARCH 30, 2020

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EXCLUSIVE PLAN FOR
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PLAN:

SHEET NO.

6