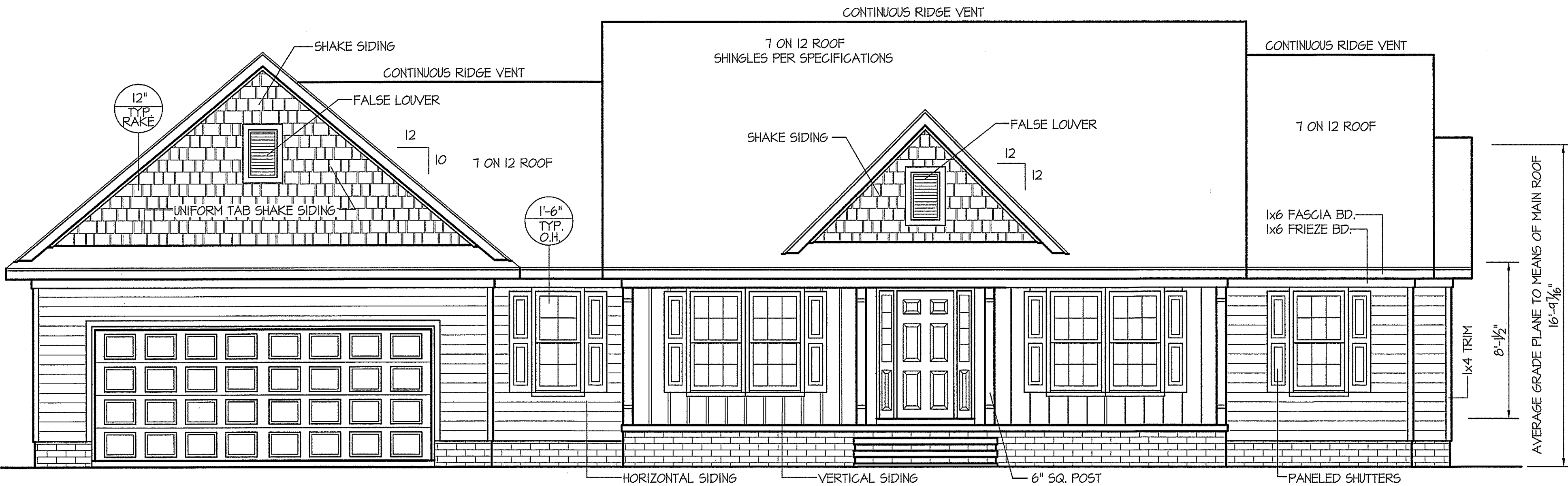


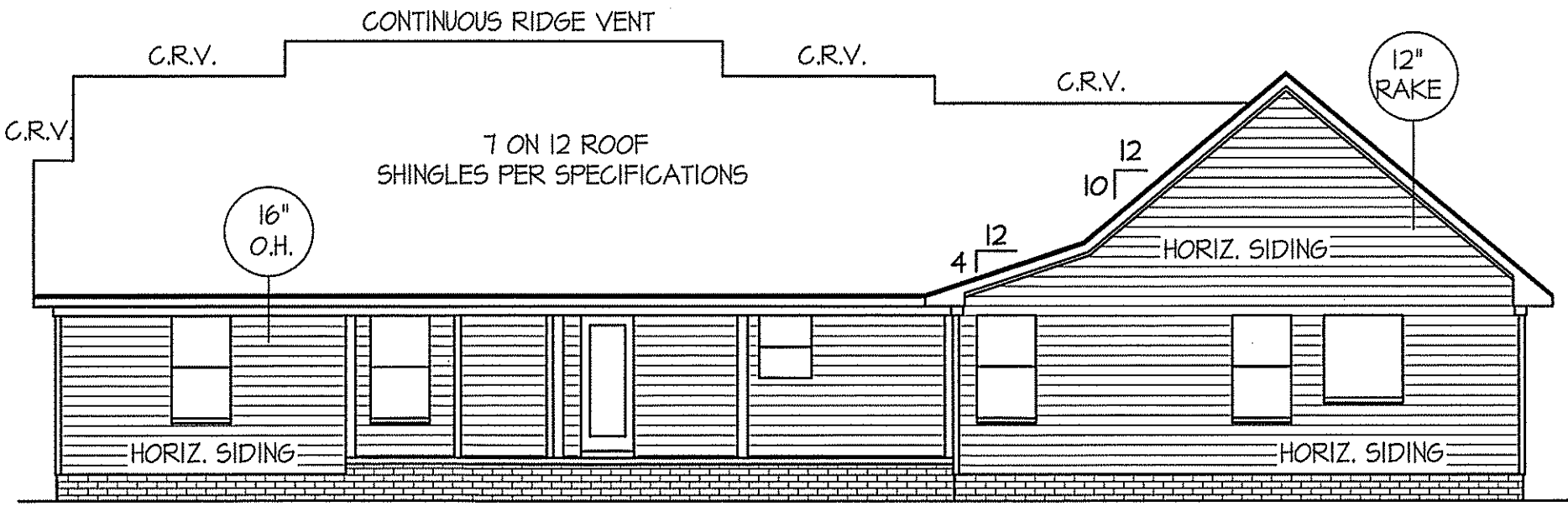
THIS PLAN IS DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION



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.

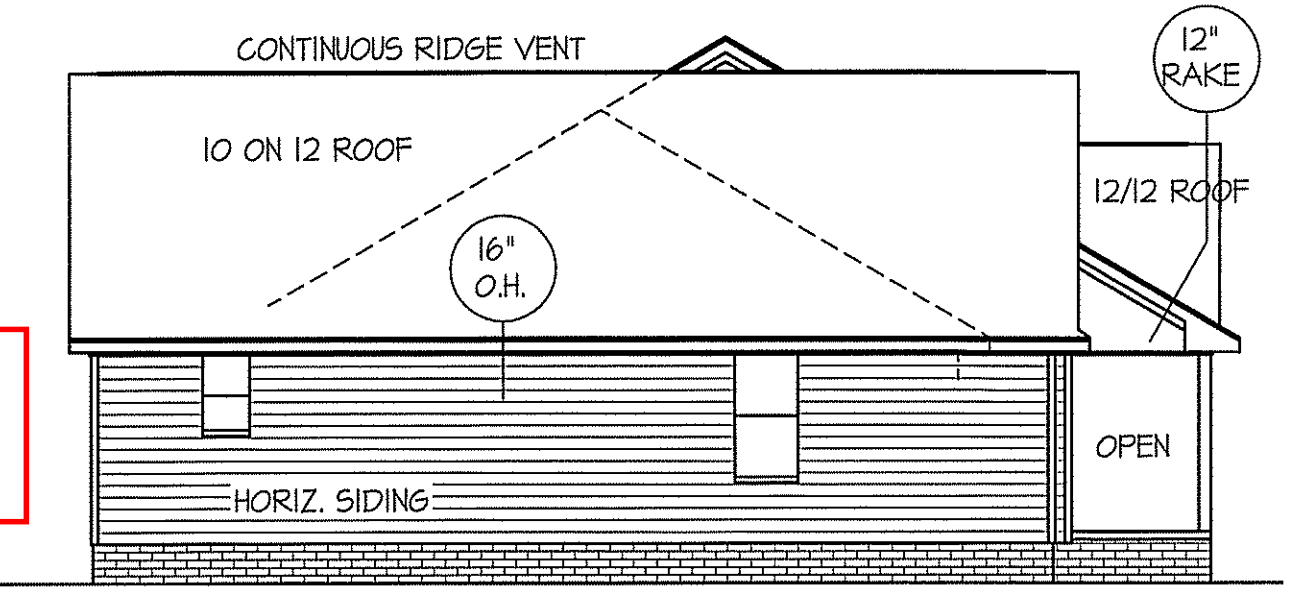


REAR ELEVATION
SCALE: 1/8" = 1'-0"

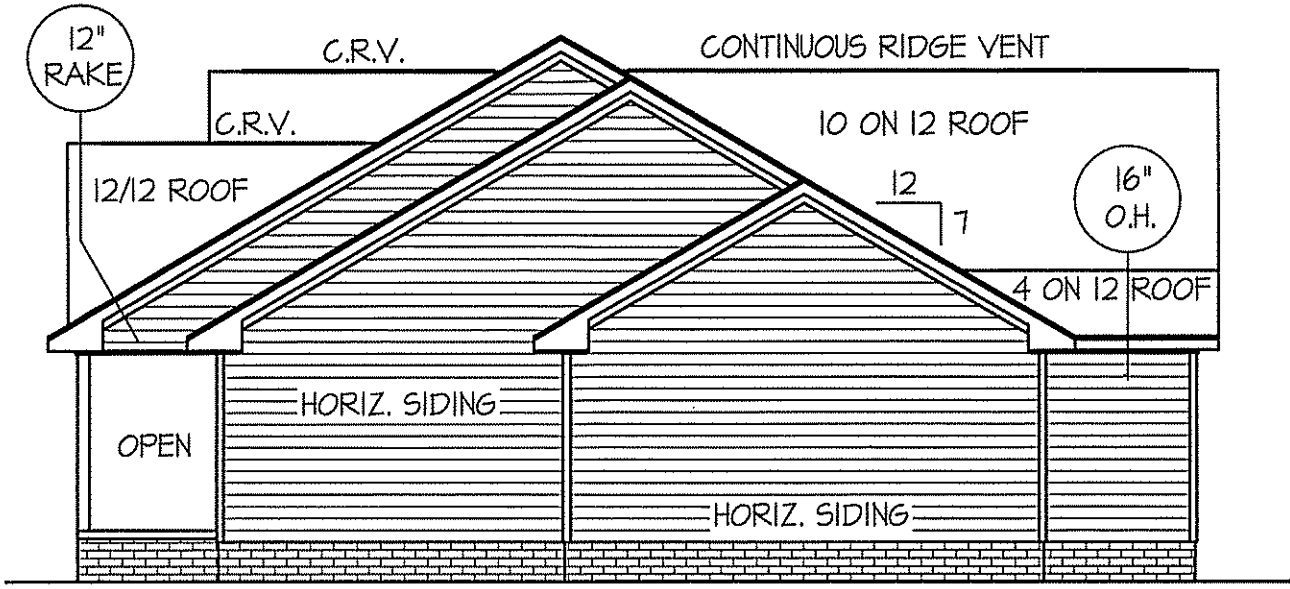
INSULATION and FENESTRATION REQUIREMENTS		
CLIMATE ZONE	ZONE-3	ZONE-4
FENESTRATION U-FACTOR	0.35	0.35
GLAZED FENESTRATION SHGC	0.30	0.30
MINIMUM CEILING R-VALUE	R-38	R-38
MINIMUM WALL R-VALUE	R-15, 13+2.5	R-15, 13+2.5
MINIMUM FLOOR R-VALUE	R-19	R-19
MIN. CRAWL SPACE WALL R-VALUE	5/13	10/15
MIN. SLAB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



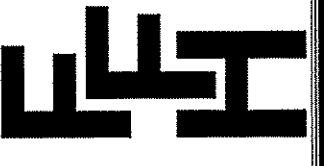
LEFT ELEVATION
SCALE: 1/8" = 1'-0"



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

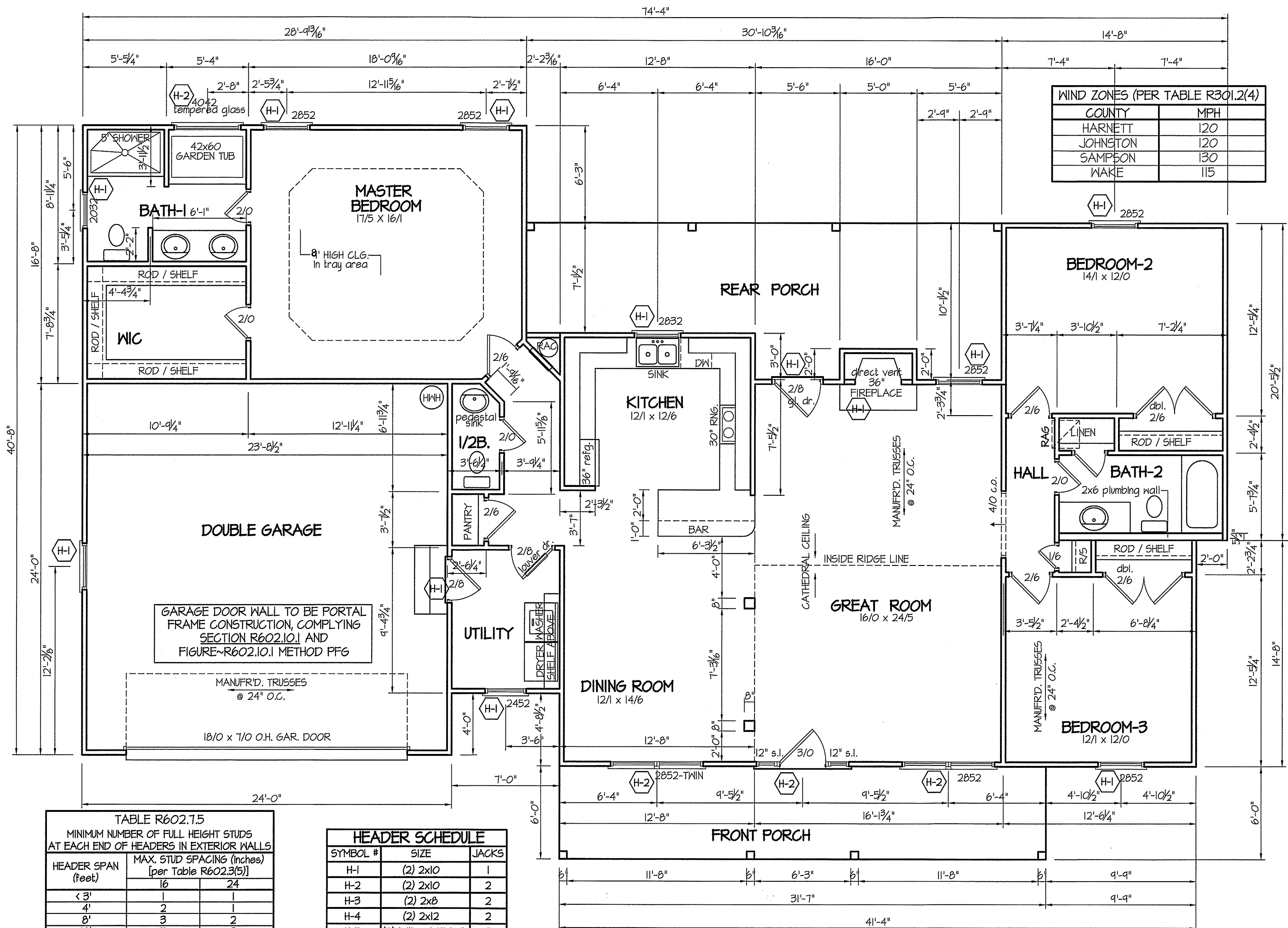
DATE:
MARCH 30, 2020

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PLAN:
**EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES**
The Campbell-Left

SHEET NO.
1



DATE:
MARCH 30, 2020

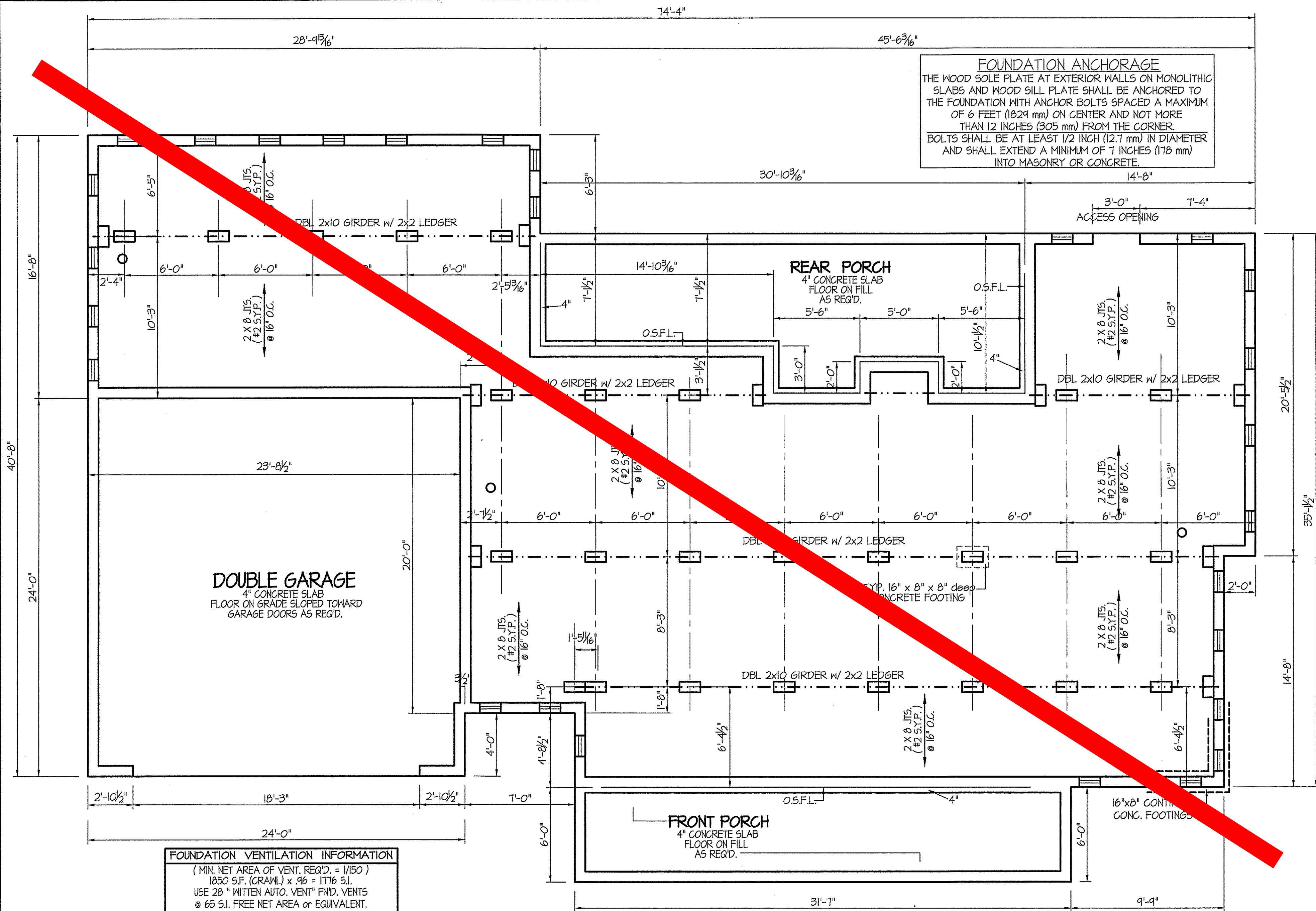
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SHEET NO.

2



DATE:

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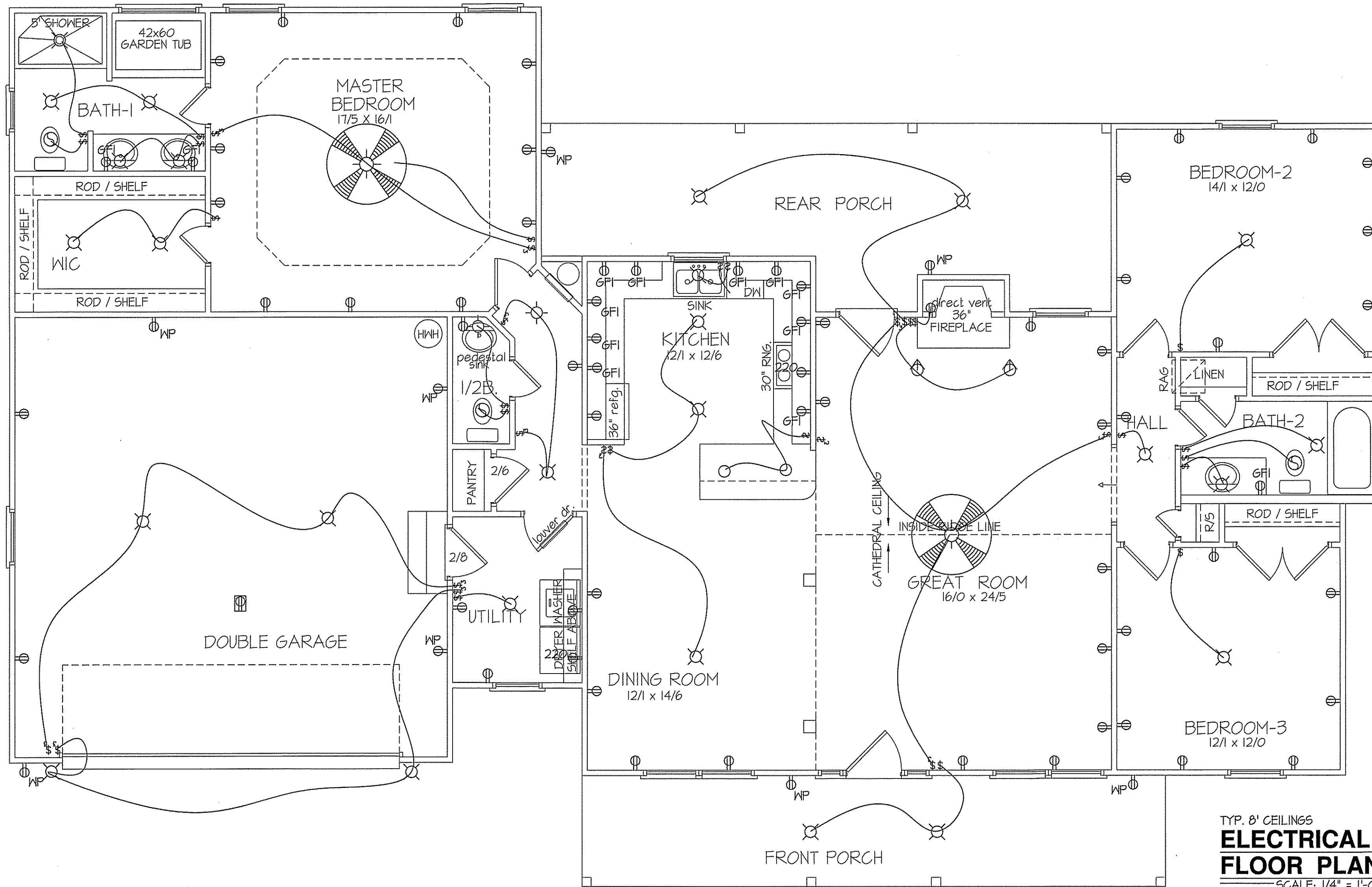
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SHEET NO.

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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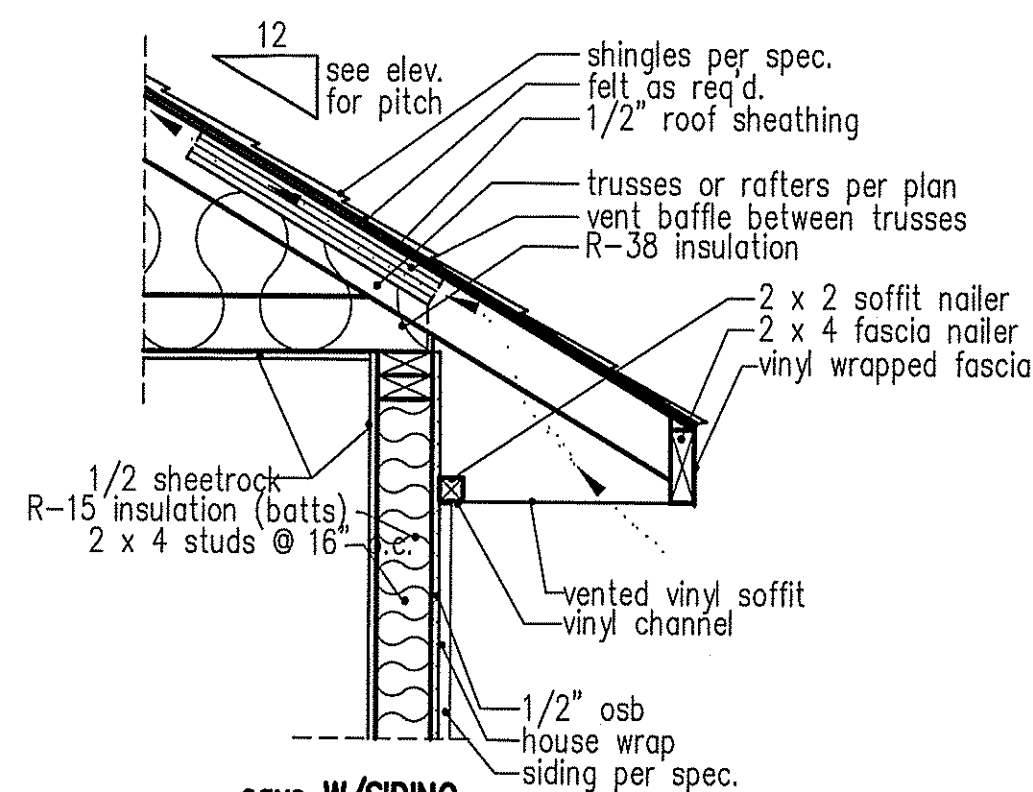
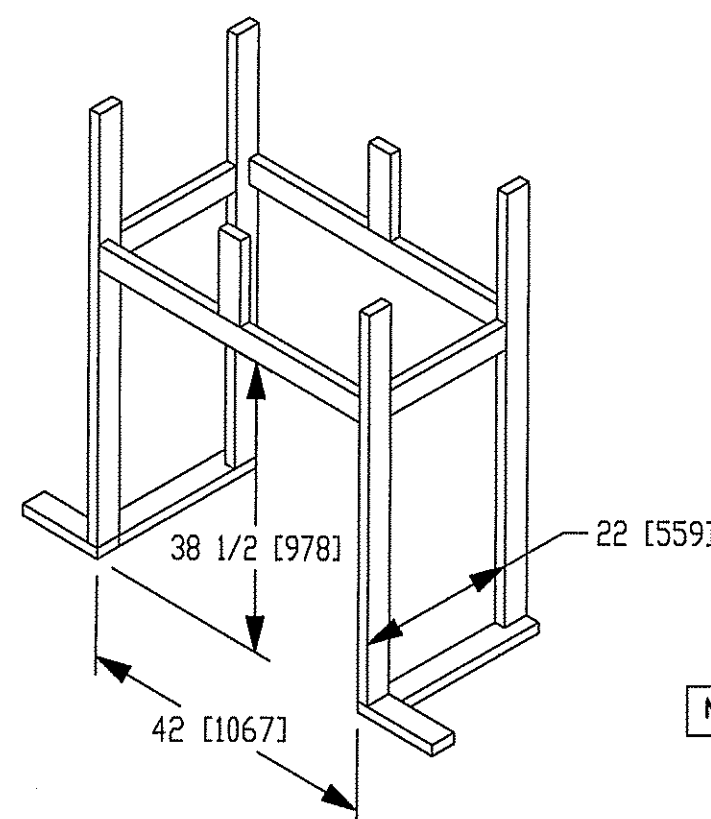


EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES

The Campbell-Left

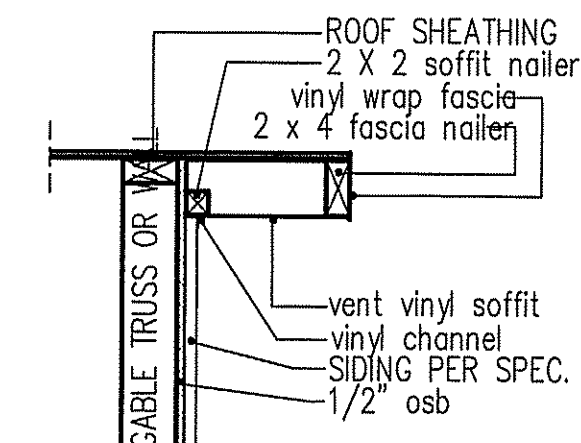
SHEET NO.

4



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

standard eave details



RAKE w/SIDING

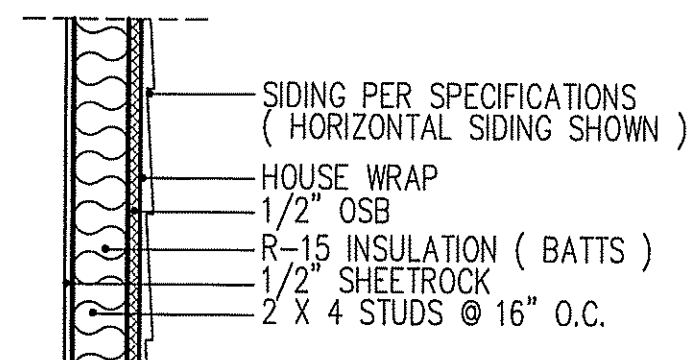
NOTE: OVERHANG DISTANCE NOTED ON ELEVATION SHEET IS ALWAYS MEASURED FROM FRAME LINE

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).

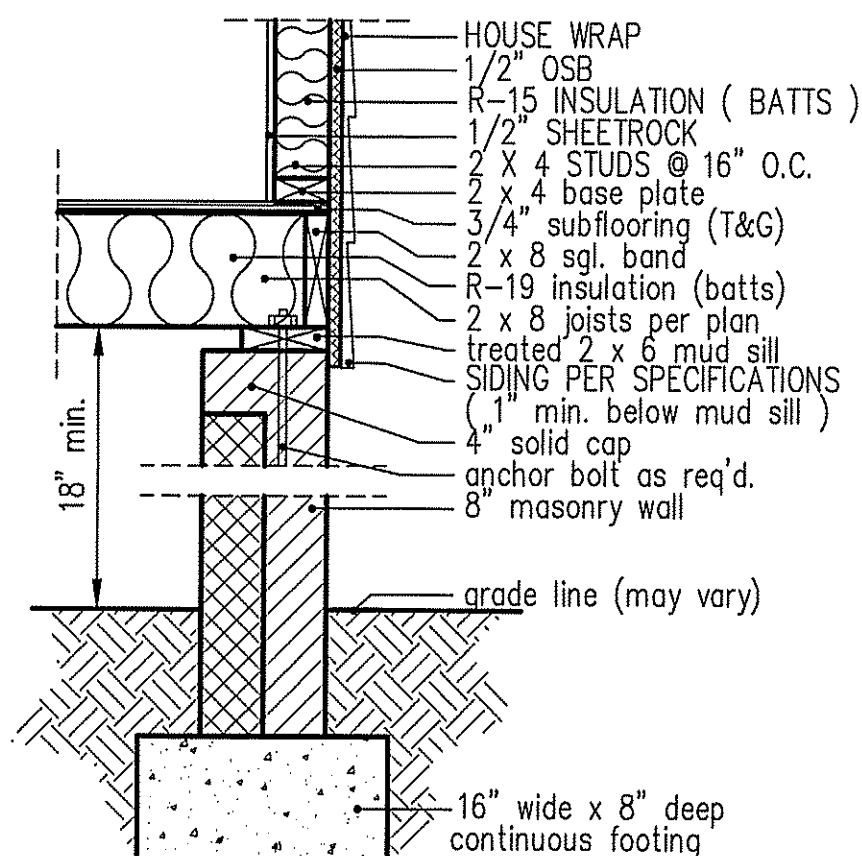
DIMENSIONS IN [] ARE MM									
SPECIFICATIONS									
Model 6000-TR	Height		Front Width		Back Width		Depth		Glass Size
	Actual	Framing	Actual	Framing	Actual	Framing	Actual	Framing	
Inches	38	38-1/2	41	42	28-1/2	42	21-1/2	22	

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

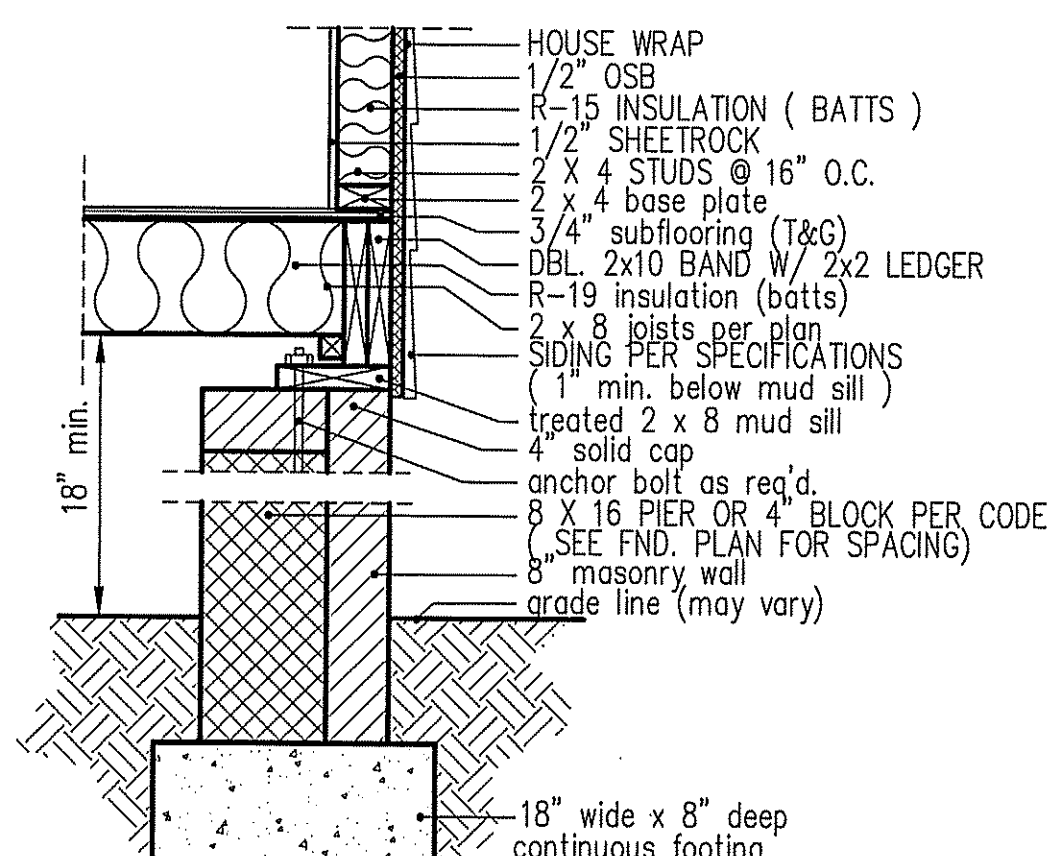


WALL W/siding

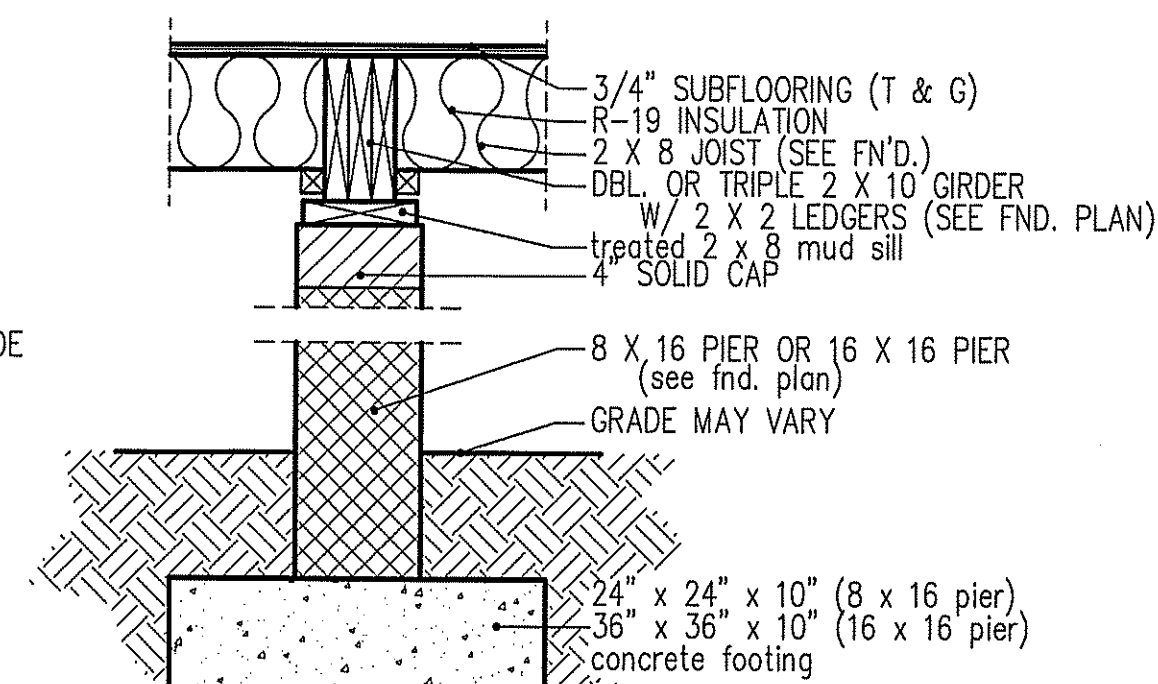
intermediate wall details



8" BOX SILL FOUNDATION WALL



PIER and CURTAIN FOUNDATION WALL



PIER and GIRDER DETAIL

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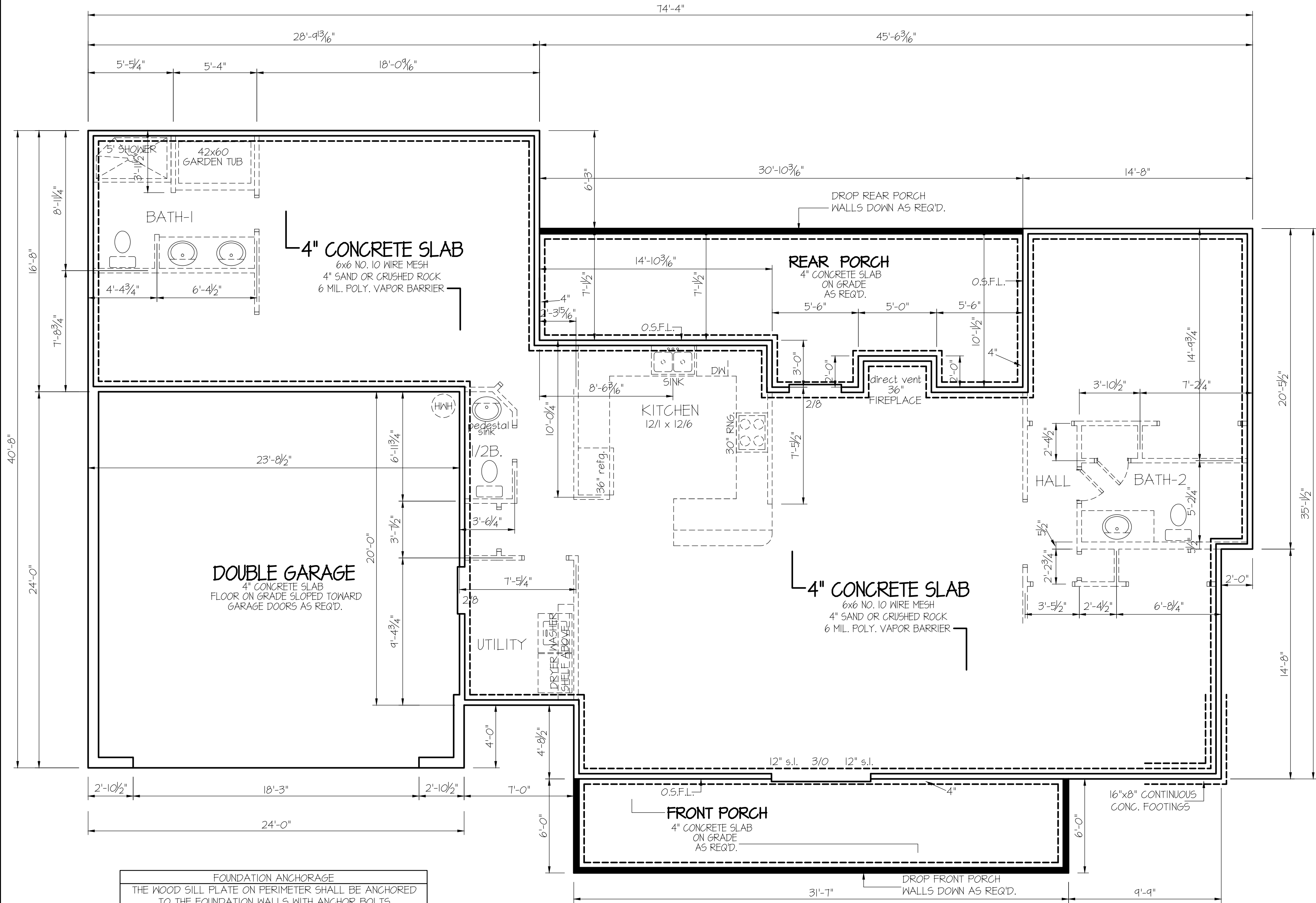


EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES
The Campbell

PLAN:

SHEET NO.

6



FOUNDATION ANCHORAGE
THE WOOD SILL PLATE ON PERIMETER SHALL BE ANCHORED TO THE FOUNDATION WALLS WITH ANCHOR BOLTS SPACED A MAXIMUM OF 4' ON CENTER. ANCHOR BOLTS SHALL ALSO BE LOCATED WITHIN 12" FROM THE ENDS OF EACH PLATE SECTION. BOLTS SHALL BE AT LEAST 1/2" IN DIAMETER AND SHALL EXTEND A MINIMUM OF 15" INTO MASONRY OR CONCRETE. BOLTS CAN BE SUBSTITUTED WITH SIMPSON-MAS STRAPS @ 4' O.C.

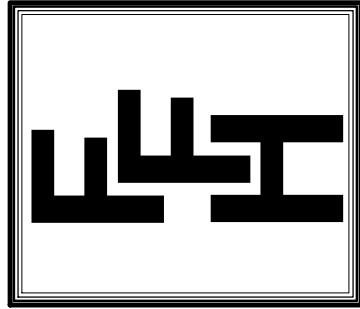
FOUNDATION DRAINAGE
A DRAINAGE SYSTEM IS NOT REQUIRED WHEN THE FOUNDATION IS INSTALLED ON WELL-DRAINED GROUND OR SAND-GRAVEL MIXTURE SOILS ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM, GROUP I SOILS, AS DETAILED IN TABLE R405.1

SLAB
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

NOTE:
USE 4" CONCRETE SLAB ON FILL AS REQ'D.
SEE ANCHOR NOTE FOR N.C.CODE REQ'MTS.
TREAT SOIL FOR TERMITES AS PER LOCAL / STATE CODES.
HOLD GARAGE SLAB 4" MIN. BELOW HOUSE SLAB.
SLOPE GARAGE SLAB FOR PROPER DRAINAGE
PROVIDE STEPS IF REQ'D.

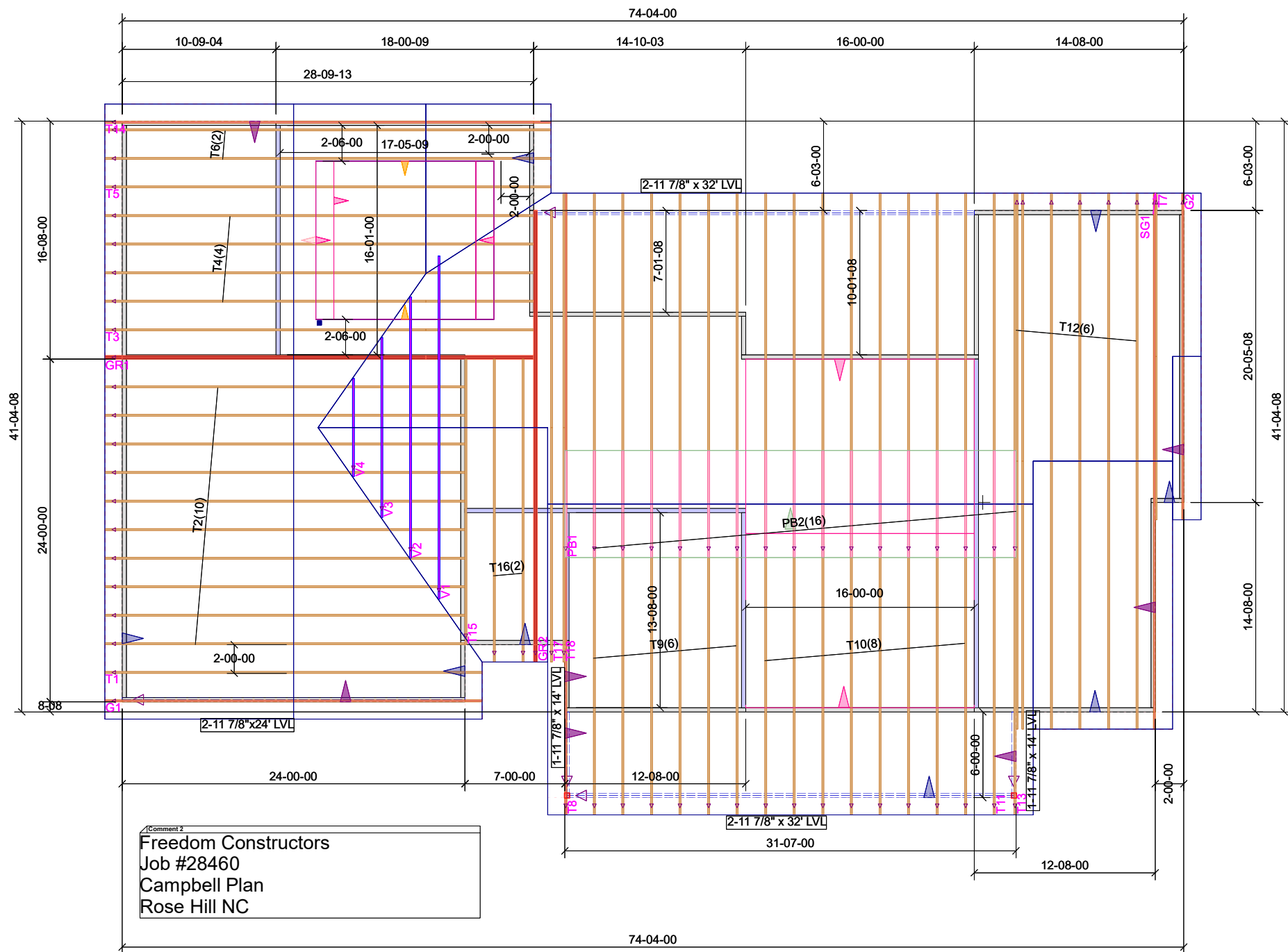
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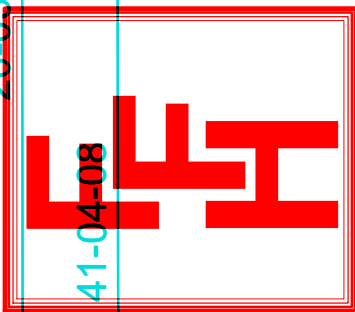
EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES
The Campbell-Left

PLAN:
SHEET NO.
3s



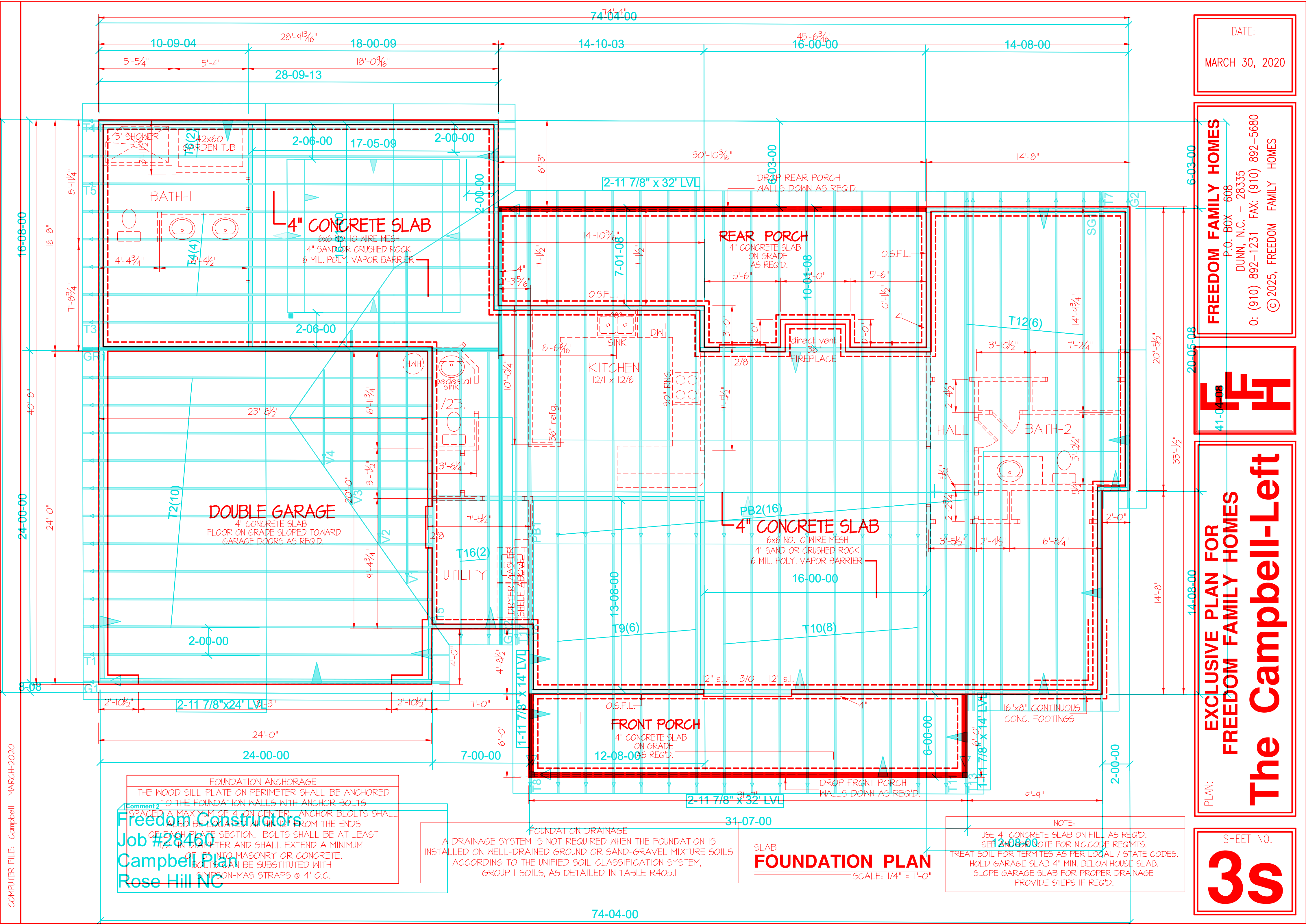
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EXCLUSIVE PLAN FOR
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SHEET NO.
3s



COMPUTER FILE: Campbell MARCH-2020

FOUNDATION ANCHORAGE
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