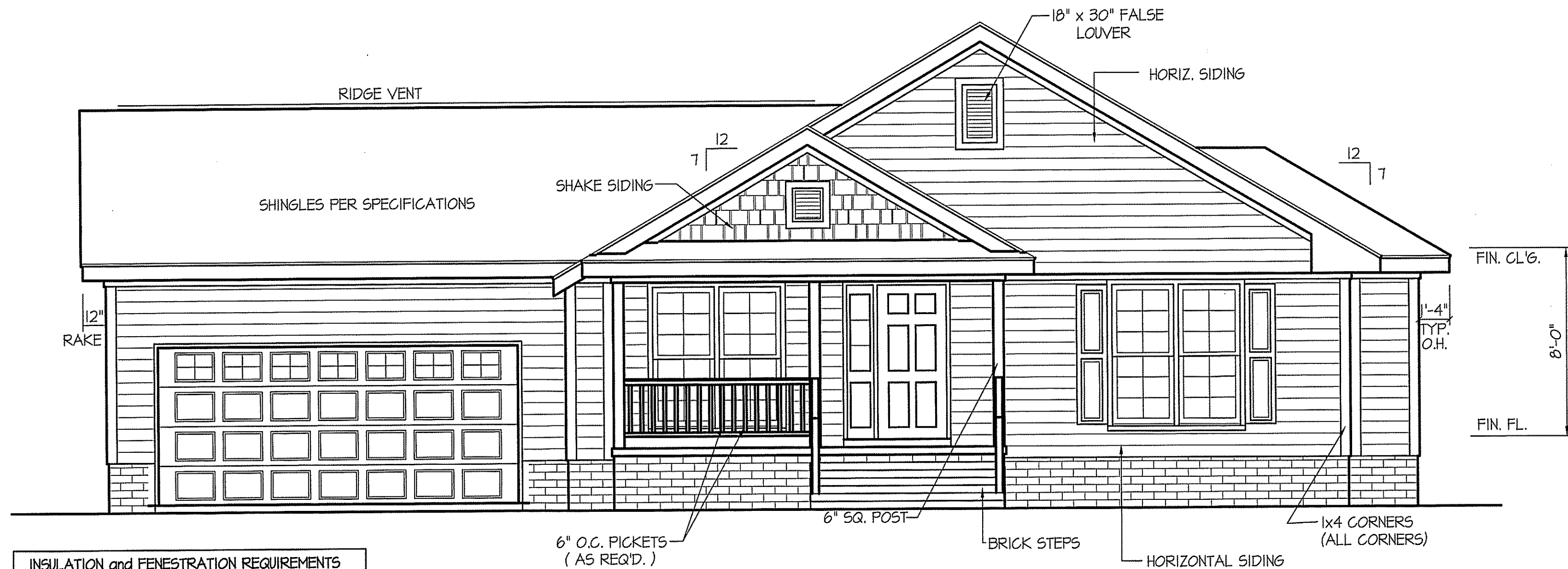


THIS PLAN IS DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION

DATE:
JUNE 4, 2020



FRONT ELEVATION

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

INSULATION and FENESTRATION REQUIREMENTS

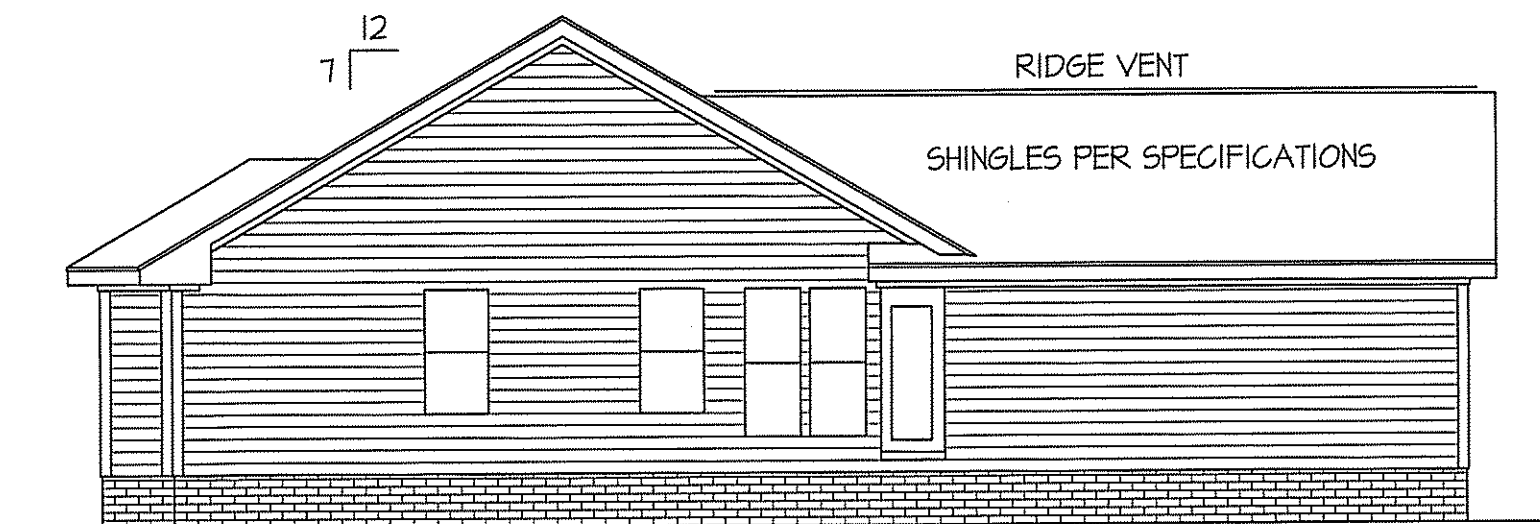
CLIMATE ZONE	ZONE-3	ZONE-4
FENESTRATION U-FACTOR	0.35	0.35
GLAZED FENESTRATION SHGC	0.30	0.30
MINIMUM CEILING R-VALUE	R-38	R-38
MINIMUM WALL R-VALUE	R-15, 13+2.5	R-15, 13+2.5
MINIMUM FLOOR R-VALUE	R-19	R-19
MIN. CRAWL SPACE WALL R-VALUE	5/13	10/15
MIN. SLAB R-VALUE	0	R-10

PROVIDE STEPS AS REQUIRED
GRADE MAY VARY - BUILDER TO VERIFY

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-MSP (1/16" OSB) IN ACCORDANCE WITH SECTION R602.10.3 UNLESS OTHERWISE NOTED.



REAR ELEVATION

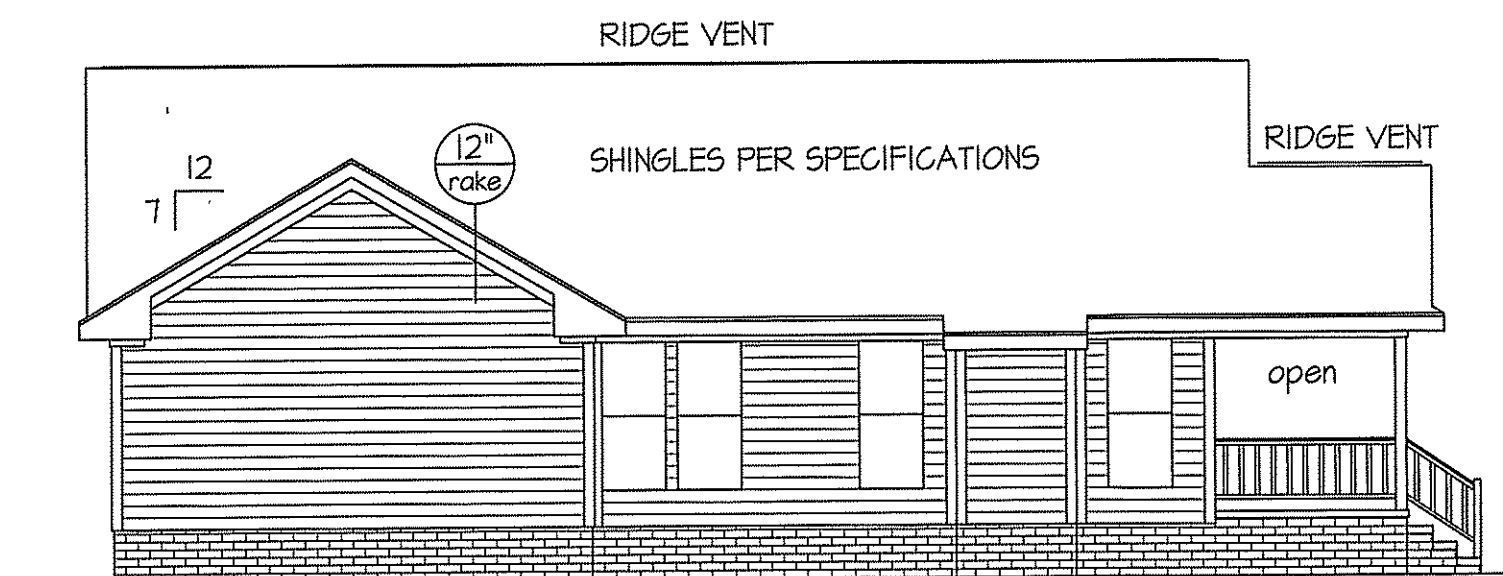
SCALE: 1/8" = 1'-0"

ROOF VENTILATION REQ'MTS.
2088 ATTIC SQ. FT. / 300 = 6.96

PROVIDED ON PLAN
88 L.F. RIDGE VENT = 16.5
124 L.F. SOFFIT VENT = 7.75
TOTAL = 24.25 S.F. FREE NET AREA

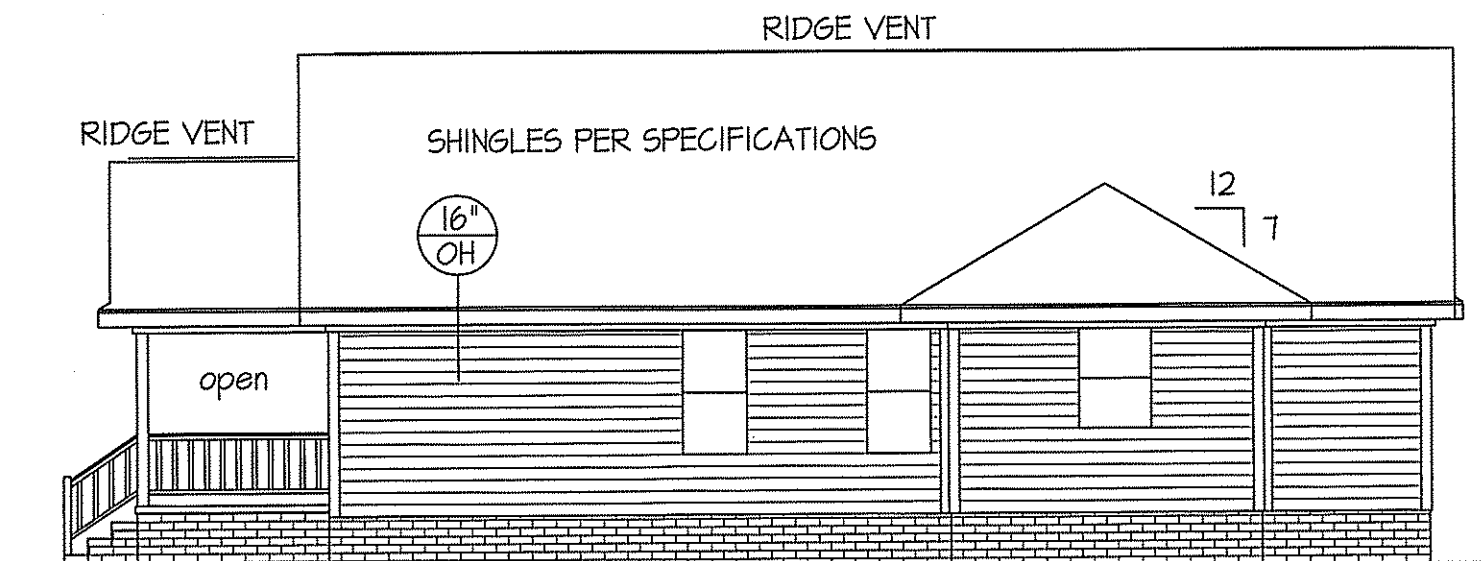
* GENERAL NOTE *
BUILDER HAS THE RIGHTS TO MAKE ADJUSTMENTS AS HE DEEMS NECESSARY ON EACH JOB SITE.

GENERAL CONSTRUCTION NOTES:
USE 12" RAKES ON ALL GABLES
USE 16" FROM FRAME LINE ON ALL OVERHANGS
PROVIDE STEPS AS REQ'D.
USE MATCHING GRILLE PATTERNS IN ALL GLASS



LEFT ELEVATION

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



RIGHT ELEVATION

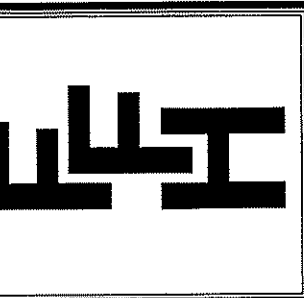
SCALE: 1/8" = 1'-0"

EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES

Clinton ~ Left

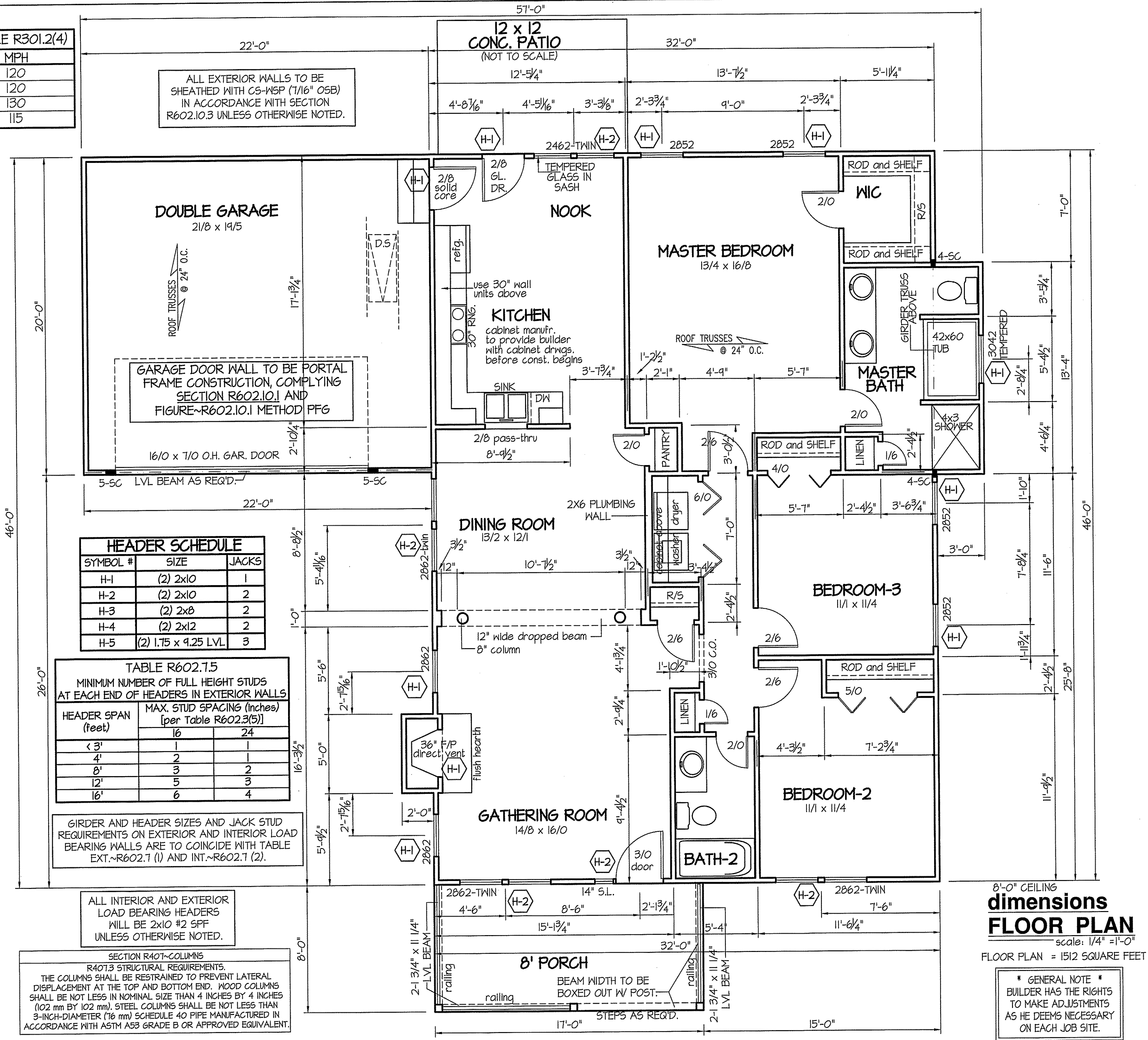
SHEET NO.
1

FREEDOM FAMILY HOMES
P.O. BOX 608
DUNN, N.C. - 28335
O: (910) 892-1231 FAX: (910) 892-5680
© 2020, FREEDOM FAMILY HOMES



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-MSP (1/16" OSB) IN ACCORDANCE WITH SECTION R602.10.3 UNLESS OTHERWISE NOTED.



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

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)]	
< 3'	16	24
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).

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

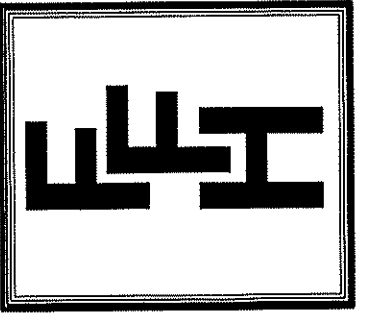
8'-0" CEILING
dimensions
FLOOR PLAN
scale: 1/4" = 1'-0"

FLOOR PLAN = 1512 SQUARE FEET

* GENERAL NOTE *
BUILDER HAS THE RIGHTS TO MAKE ADJUSTMENTS AS HE DEEMS NECESSARY ON EACH JOB SITE.

DATE:
JUNE 4, 2020

FREEDOM FAMILY HOMES
P.O. BOX 608
DUNN, N.C. - 28335
O: (910) 892-1231 FAX: (910) 892-5680
© 2020, FREEDOM FAMILY HOMES



EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES
Clinton ~ Left

PLAN:
SHEET NO.
2

COMPUTER FILE "FREEDOM FAMILY HOMES" FILE NAME: CLINTON : JUNE - 2020

FOUNDATION DRAINAGE EXCEPTION
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

ALL JOISTS AND GIRDERS WILL BE #2 S.Y.P.
JOIST SPANS TO COINCIDE WITH REVISED TABLES
R502.3.1(1) and R502.3.1(2) FROM 2018 NCR CODES
GIRDER SPANS AND HEADER SPANS TO COINCIDE
WITH TABLE R602.7(1), R602.7(2) AND R602.7(3).

DOUBLE GARAGE
4" CONCRETE SLAB
FLOOR ON GRADE SLOPED TOWARD
GARAGE DOORS AS REQ'D.

12 x 12
CONC. PATIO

NOTES:
USE 2 X 6 MUD SILL W/ SGL. 2X8 BANDS ON 8" WALLS
USE DBL./TRIPLE 2X10 GIRDERS W/ 2X2 LEDGERS
USE 2X8 JOISTS AT 12" O.C., ADD SGL. JOIST
UNDER PARALLEL INTERIOR WALLS AS REQ'D.
PROVIDE 24 X 36 ACCESS OPENING IN FND. WALL.
PROVIDE STEPS TO GRADE (MAX. 8")
HOLD ALL PIERS 1/2" BELOW FND. WALLS.

FOUNDATION VENTILATION INFORMATION
(MIN. NET AREA OF VENT. REQ'D. = 1/150)
1512 S.F. (CRAWL) x .096 = 1451.52 S.I.
USE 23" WITTEN AUTO. VENT. FND. VENTS
@ 65 S.I. FREE NET AREA or EQUIVALENT.
(MIN. NET AREA CAN BE REDUCED TO 1/1500)
1512 S.F. (CRAWL) x .096 = 145.15 S.I.
USE 3" WITTEN AUTO. VENT. FND. VENTS
@ 65 S.I. FREE NET AREA or EQUIVALENT.
W/ APPROVED 6-mil POLYETHYLENE VAPOR RETARDER
or EQUIVALENT IN CRAWL SPACE.
REQUIRED VENTS ARE TO BE PLACED SO AS TO
PROVIDE CROSS-VENTILATION OF THE CRAWL SPACE.

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.

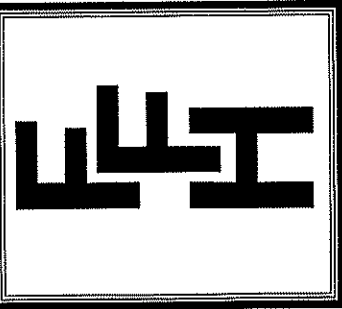
* GENERAL NOTE *
BUILDER HAS THE RIGHTS
TO MAKE ADJUSTMENTS
AS HE DEEMS NECESSARY
ON EACH JOB SITE.

FOUNDATION PLAN
scale: 1/4" = 1'-0"

FLOOR PLAN = 1512 square feet heated
garage 440 sq ft
front porch 136 sq ft

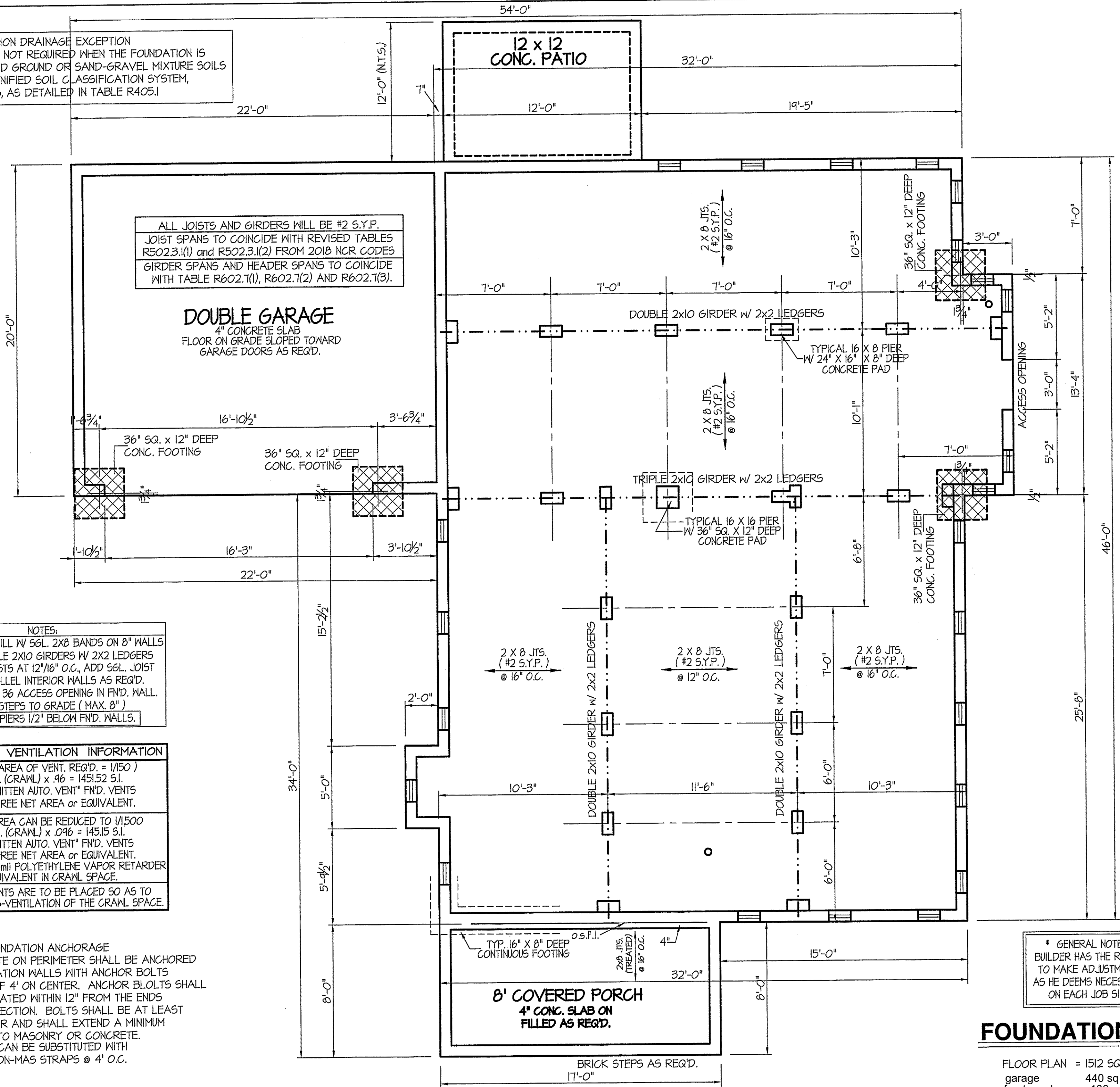
DATE:
JUNE 4, 2020

FREEDOM FAMILY HOMES
P.O. BOX 608
DUNN, N.C. - 28335
O: (910) 892-1231 FAX: (910) 892-5680
© 2020, FREEDOM FAMILY HOMES



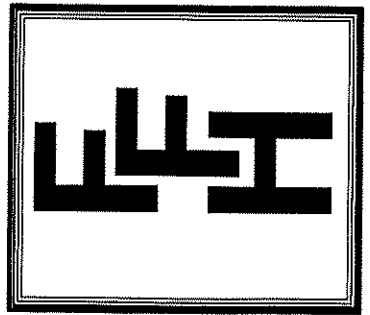
EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES
Clinton ~ Left

PLAN:
SHEET NO.
3



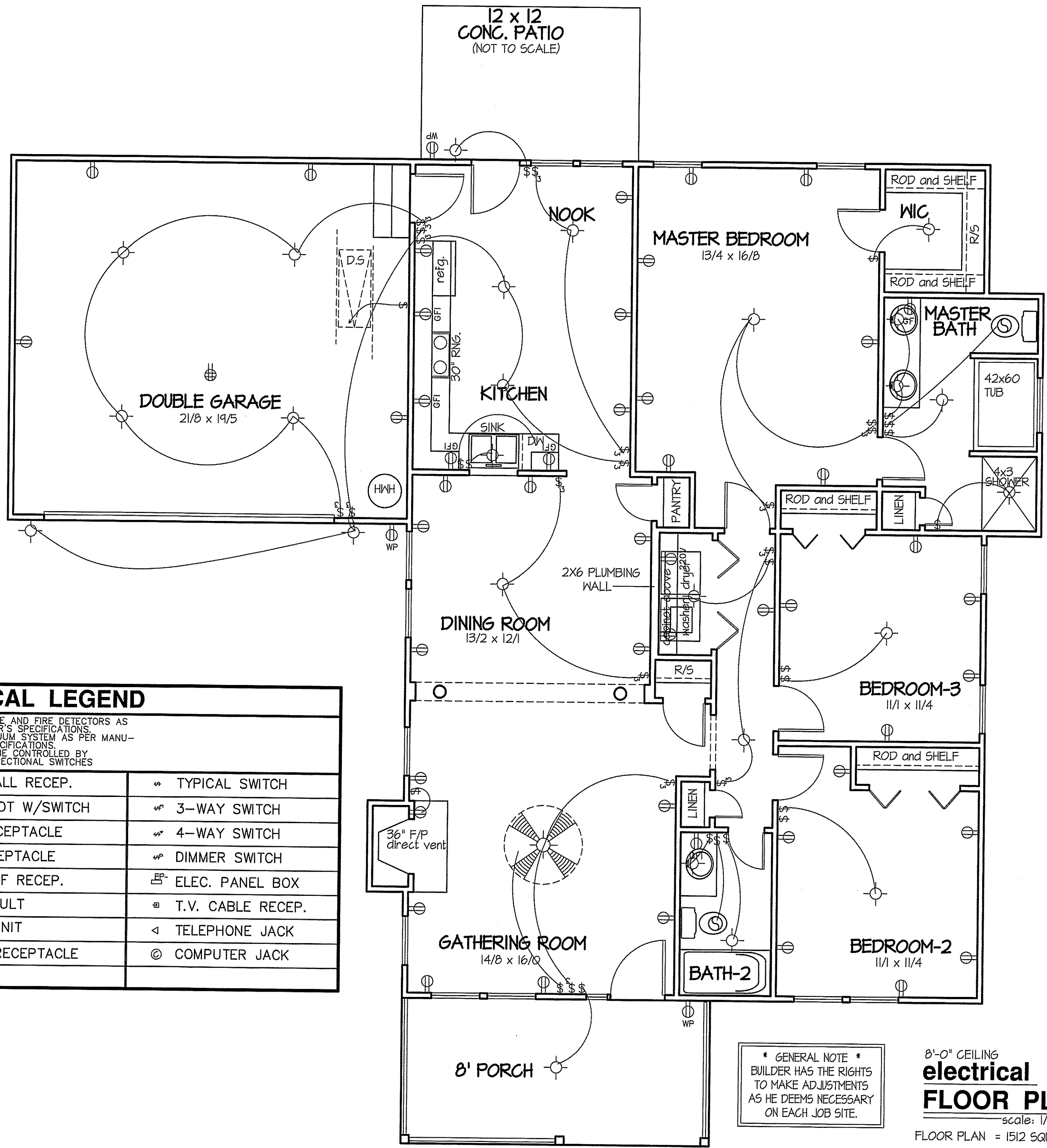
DATE:
JUNE 4, 2020

FREEDOM FAMILY HOMES
P.O. BOX 608
DUNN, N.C. - 28335
O: (910) 892-1231 FAX: (910) 892-5680
© 2020, FREEDOM FAMILY HOMES



EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES
Clinton ~ Left

PLAN:
SHEET NO.
4



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		

* GENERAL NOTE *
BUILDER HAS THE RIGHTS TO MAKE ADJUSTMENTS AS HE DEEMS NECESSARY ON EACH JOB SITE.

8'-0" CEILING
electrical FLOOR PLAN
scale: 1/4" = 1'-0"
FLOOR PLAN = 1512 SQUARE FEET

DATE:

JUNE 4, 2020

FREEDOM FAMILY HOMES

P.O. BOX 608
DUNN, N.C. - 28335
O: (910) 892-1231 FAX: (910) 892-5680
© 2020, FREEDOM FAMILY HOMES



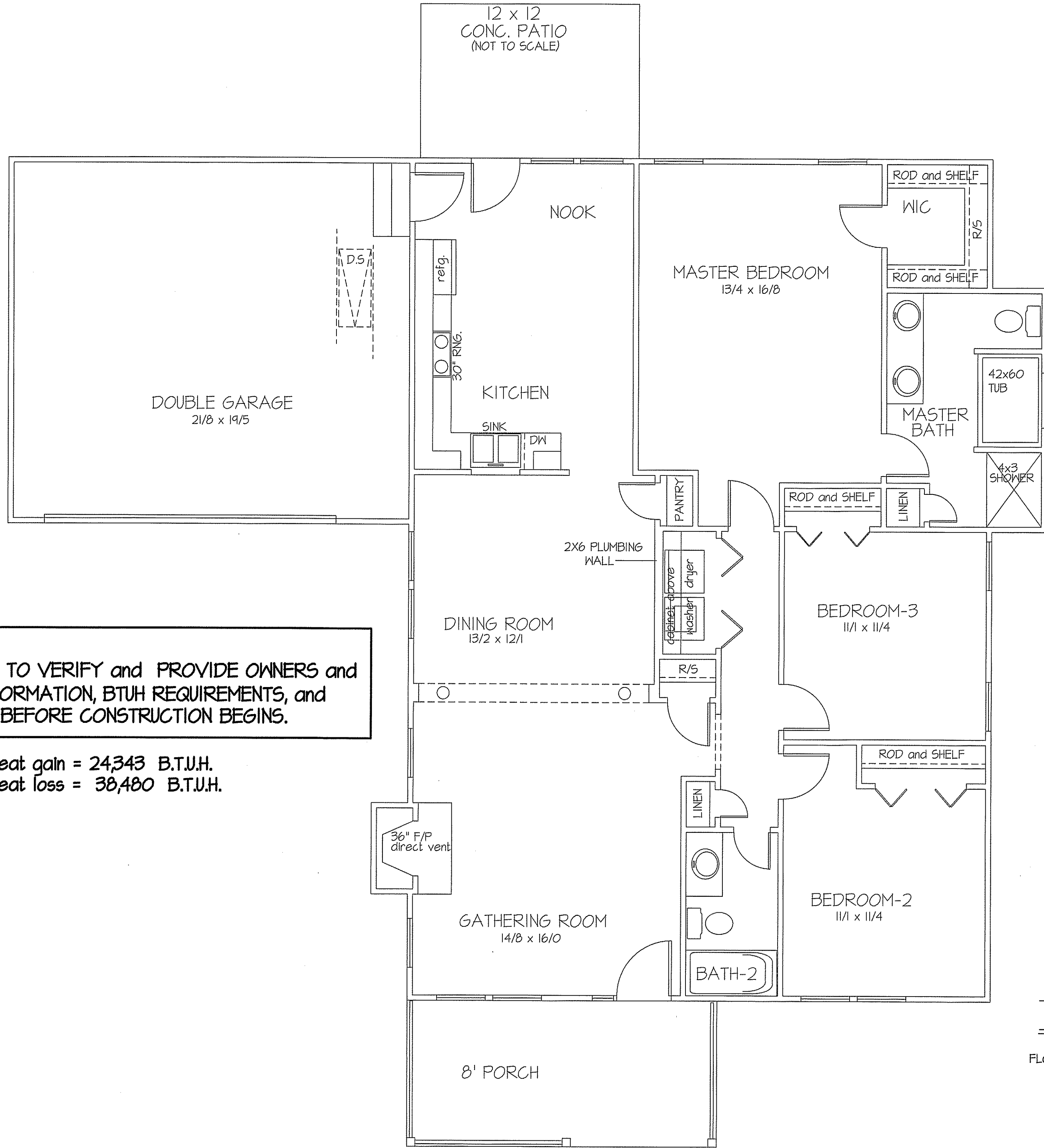
EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES

Clinton ~ Left

PLAN:

SHEET NO.

5

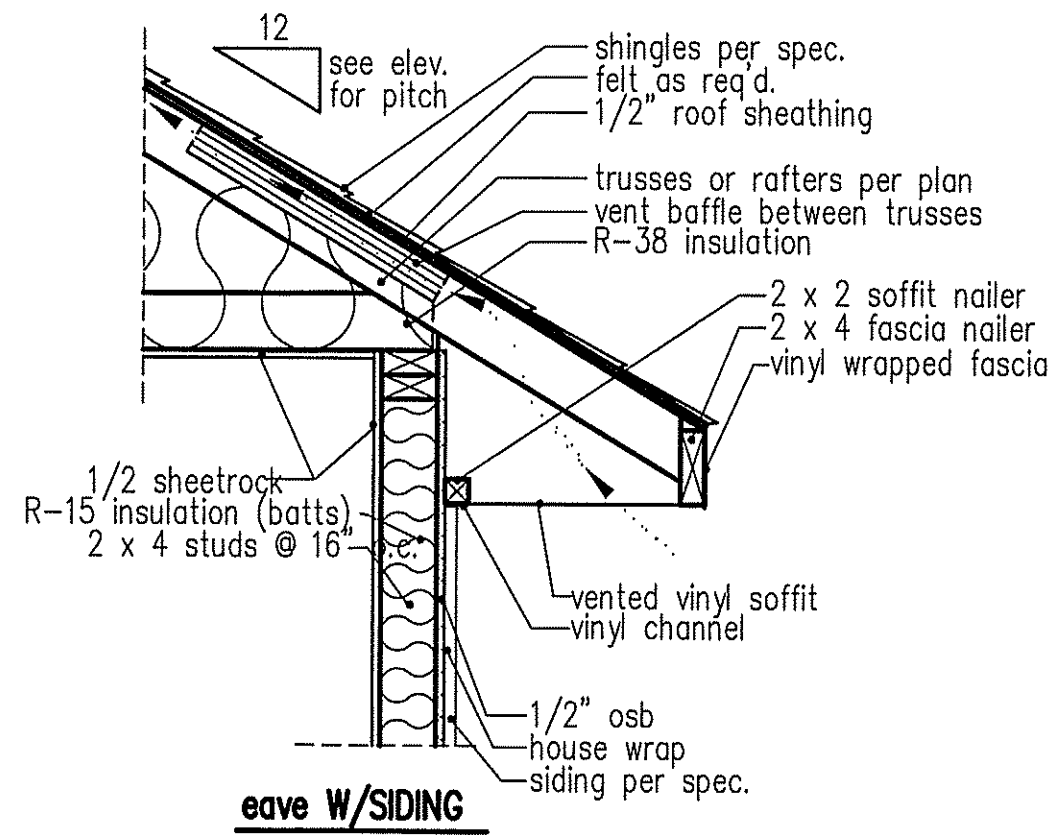
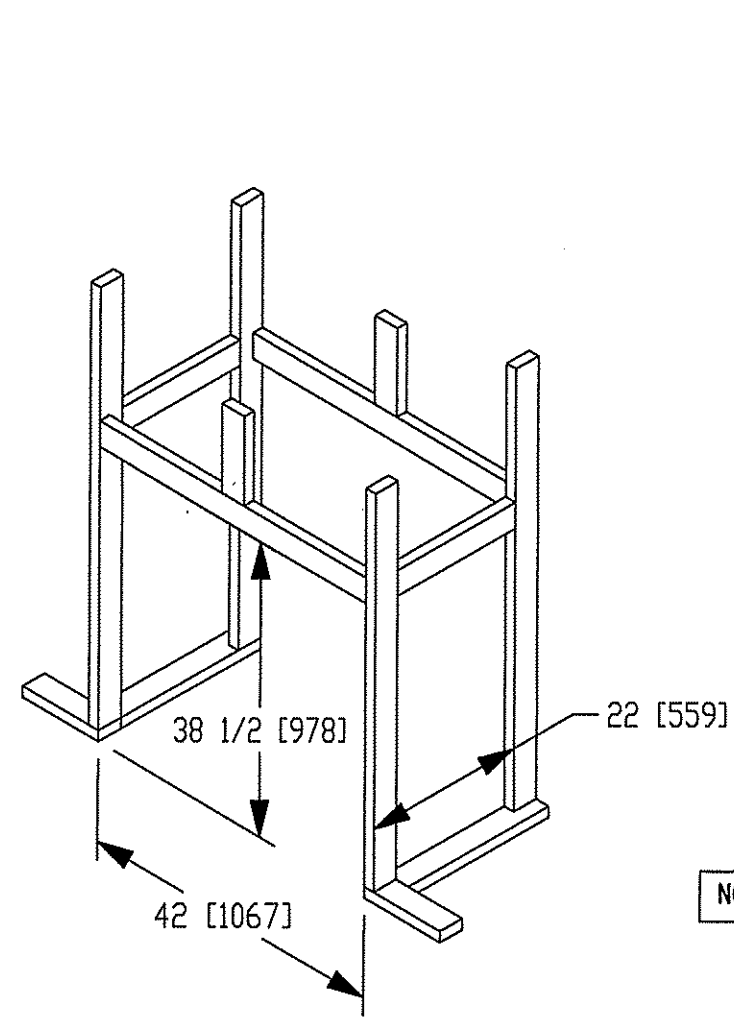


NOTE:
 HVAC CONTRACTOR TO VERIFY and PROVIDE OWNERS and
 BUILDER UNIT INFORMATION, BTUH REQUIREMENTS, and
 DUCT LAYOUTS BEFORE CONSTRUCTION BEGINS.

total heat gain = 24,343 B.T.U.H.
 total heat loss = 38,480 B.T.U.H.

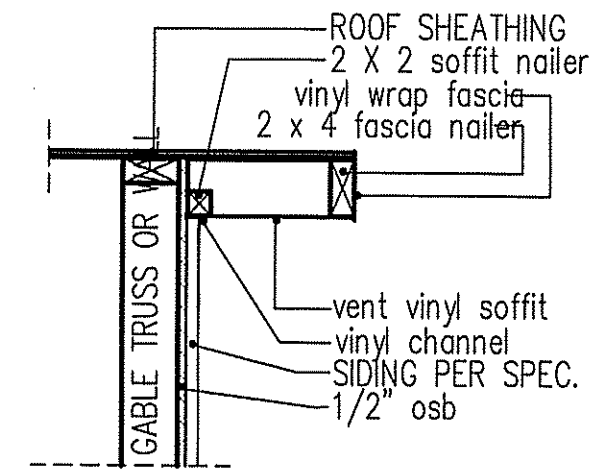
8'-0" CEILING
hvac
FLOOR PLAN
 scale: 1/4" = 1'-0"
 FLOOR PLAN = 1512 SQUARE FEET

* GENERAL NOTE *
 BUILDER HAS THE RIGHTS
 TO MAKE ADJUSTMENTS
 AS HE DEEMS NECESSARY
 ON EACH JOB SITE.



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

standard eave details



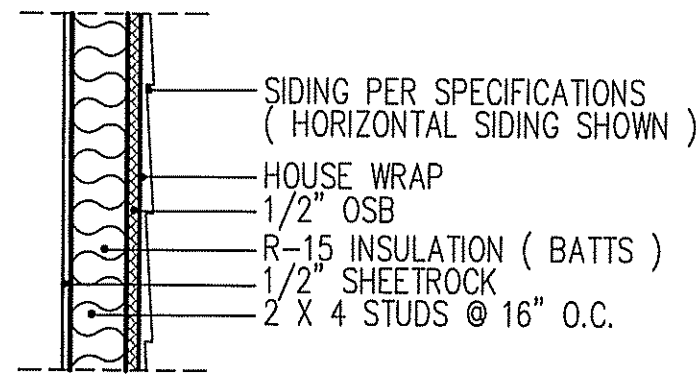
RAKE w/SIDING

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.



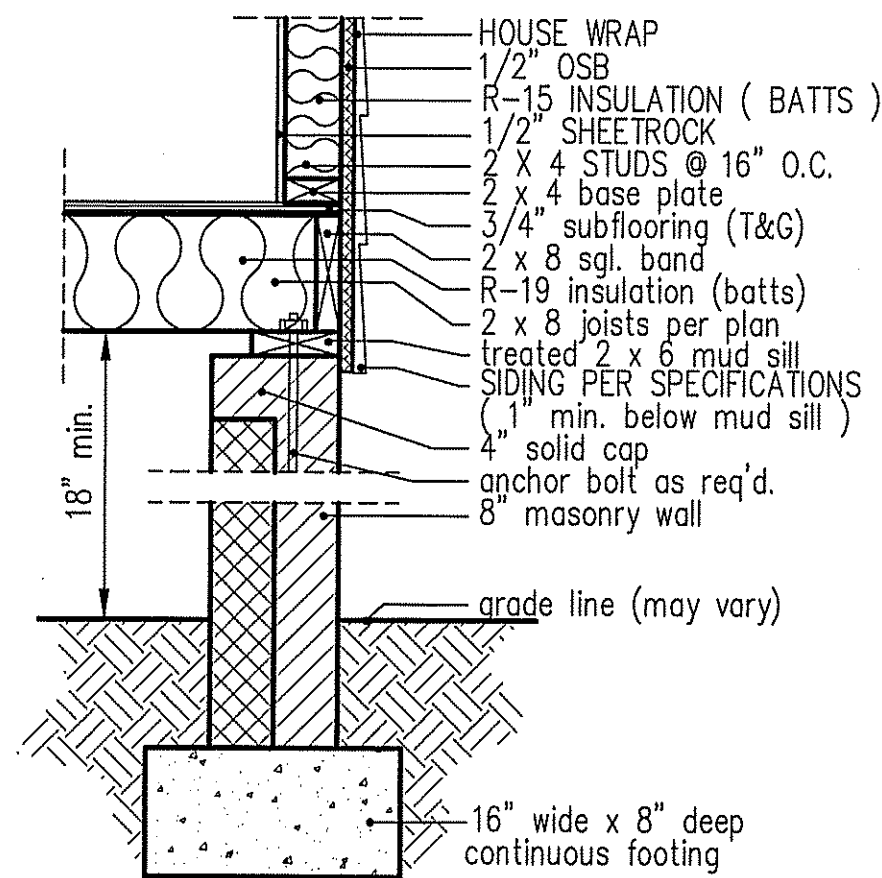
WALL w/siding

intermediate wall details

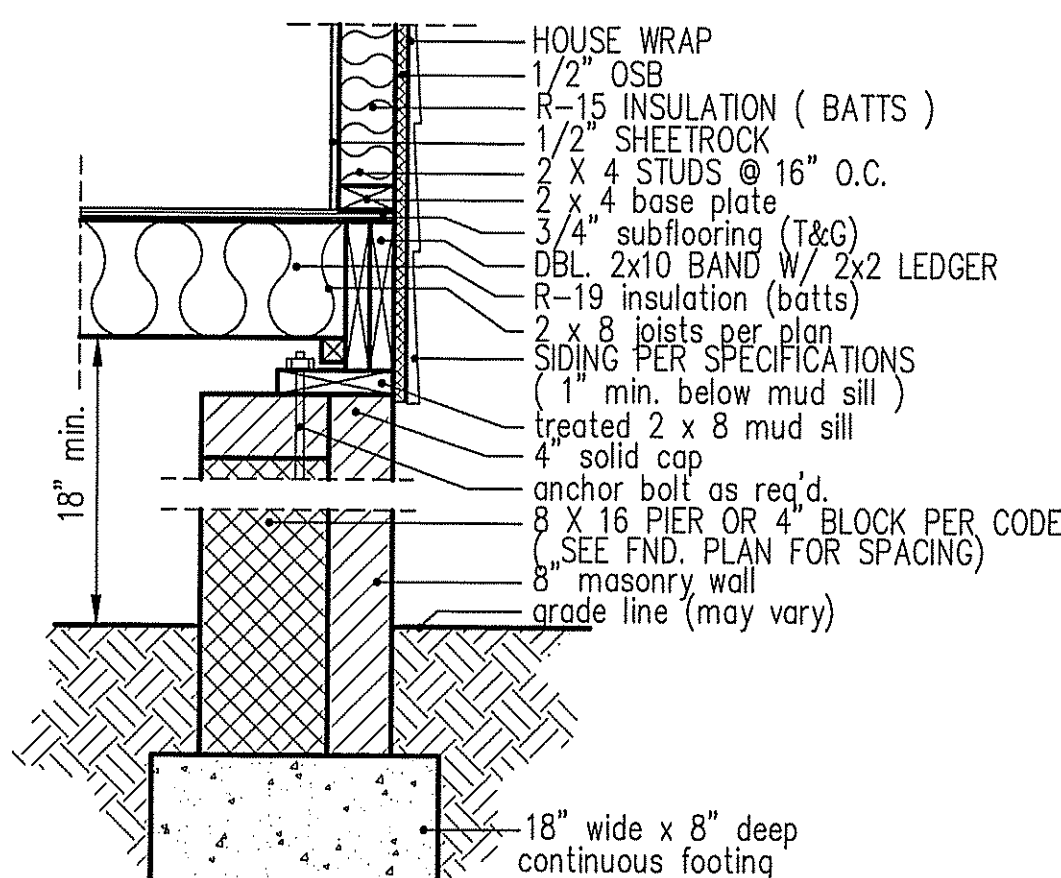
TABLE R602.7.5
MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

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

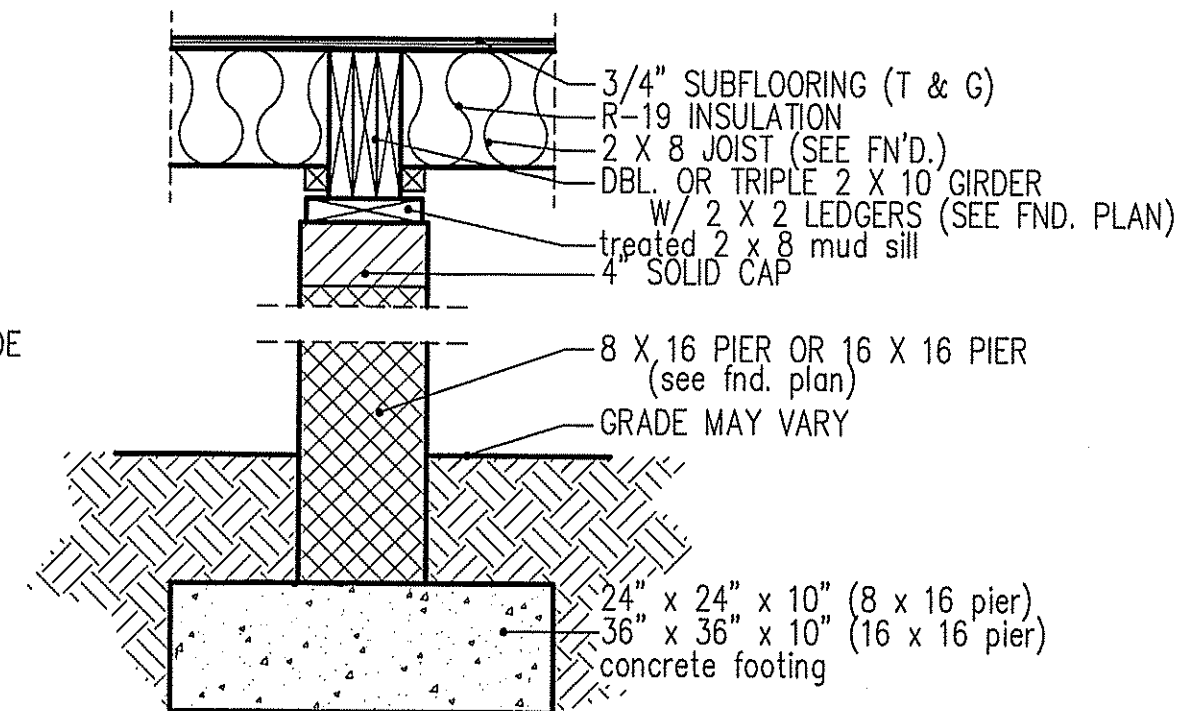
GIRDER AND HEADER SIZES AND JACK STUD REQUIREMENTS ON EXTERIOR AND INTERIOR LOAD BEARING WALLS ARE TO COINCIDE WITH TABLE EXT.~R602.7 (1) AND INT.~R602.7 (2).



8" BOX SILL FOUNDATION WALL



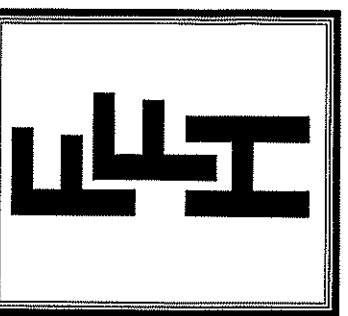
PIER and CURTAIN FOUNDATION WALL



PIER and GIRDER DETAIL

DATE:
JUNE 4, 2020

FREEDOM FAMILY HOMES
P.O. BOX 608
DUNN, N.C. - 28335
O: (910) 892-1231 FAX: (910) 892-5680
© 2020, FREEDOM FAMILY HOMES



EXCLUSIVE PLAN FOR
FREEDOM FAMILY HOMES
Clinton
PLAN:

SHEET NO.
6