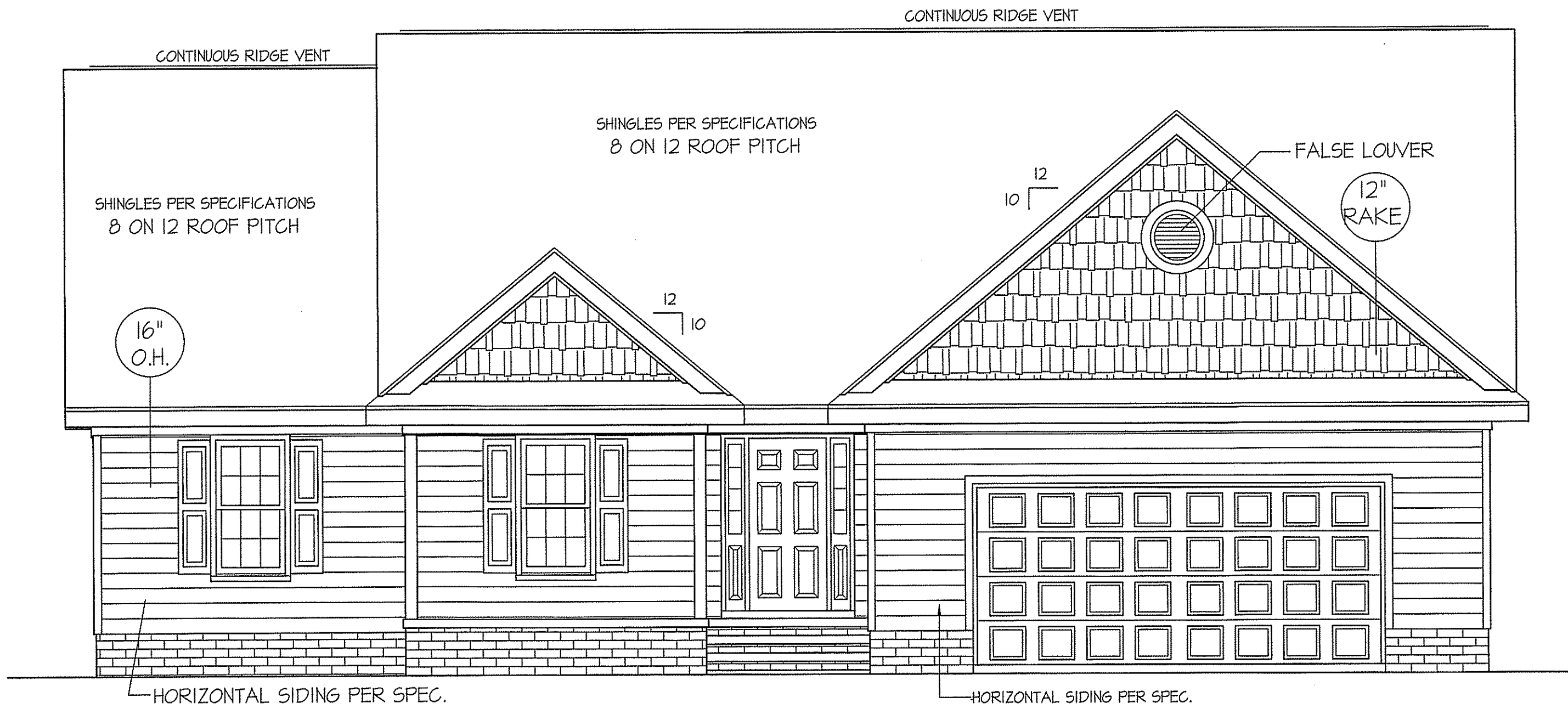


THIS PLAN IS DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION



FRONT ELEVATION

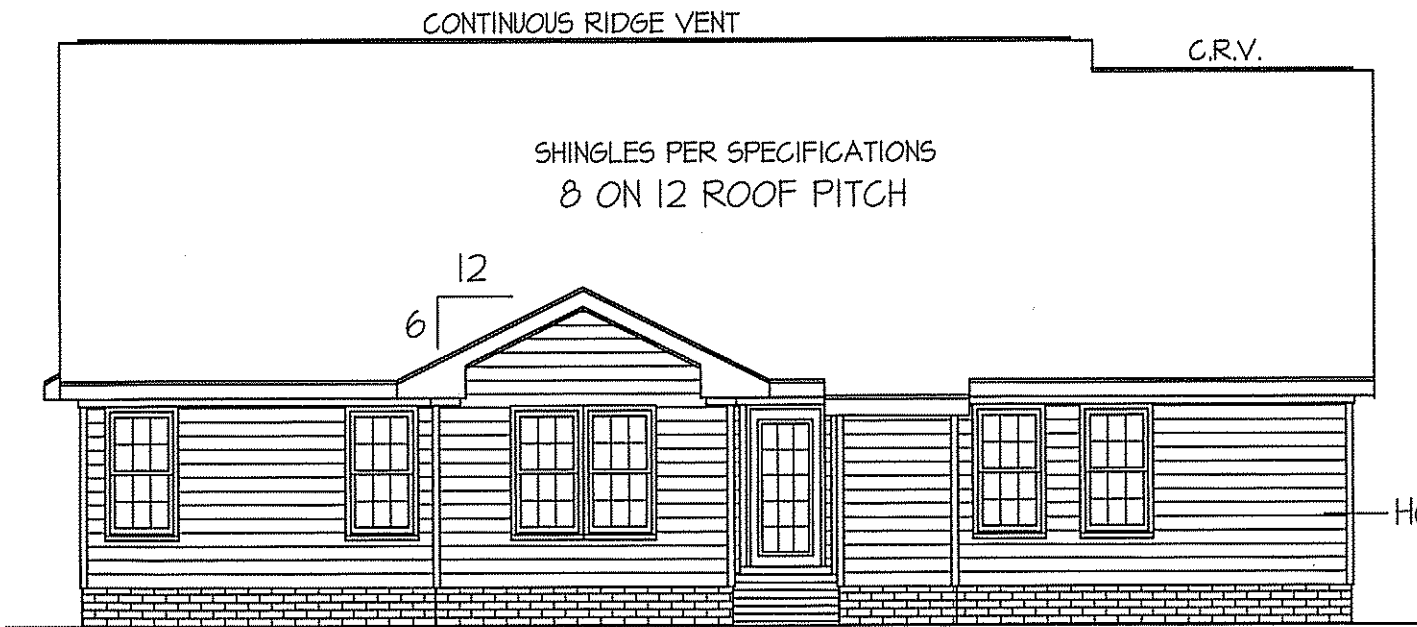
SCALE: 1/4" = 1'-0"

ROOF VENTILATION REQ'TS.  
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 |

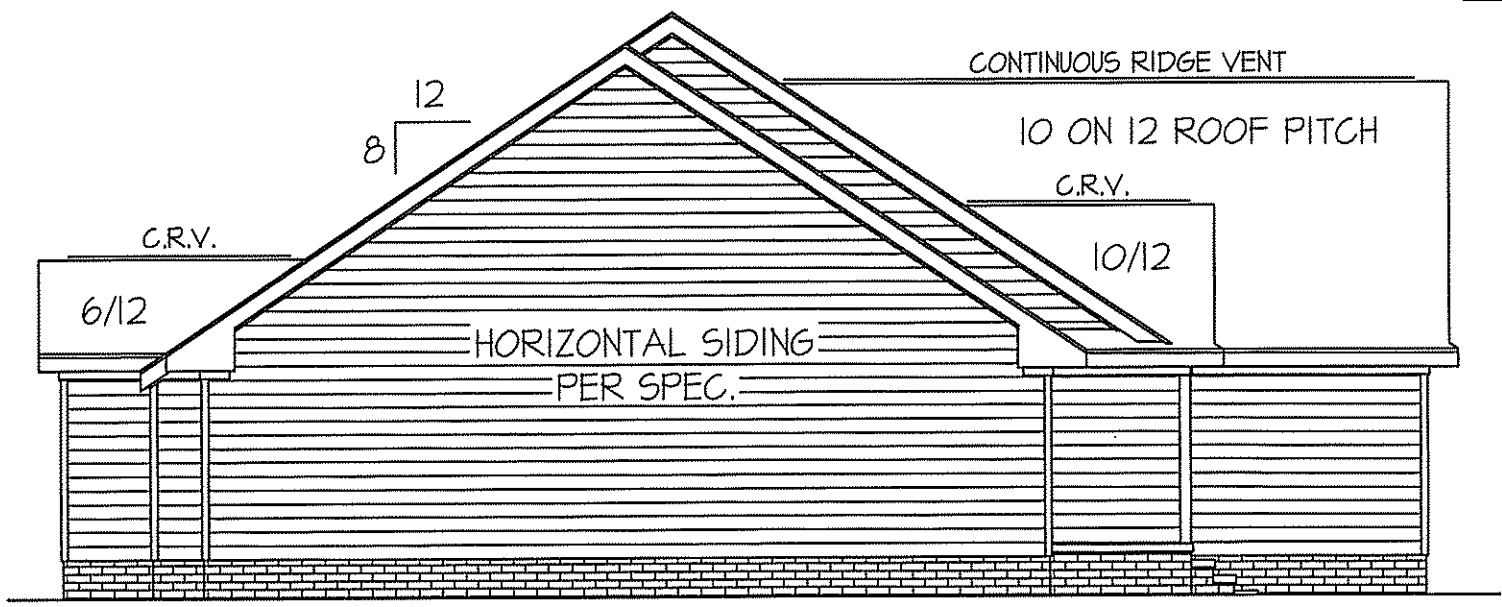
| INSULATION and FENESTRATION REQUIREMENTS                        |              |              |
|-----------------------------------------------------------------|--------------|--------------|
| CLIMATE ZONE                                                    | ZONE-3       | ZONE-4       |
| FENESTRATION U-FACTOR                                           | 0.35         | 0.35         |
| GLAZED FENESTRATION SHGC                                        | 0.30         | 0.30         |
| MINIMUM CEILING R-VALUE                                         | R-30         | R-30         |
| 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<br>GRADE MAY VARY - BUILDER TO VERIFY |              |              |

ALL EXTERIOR WALLS TO BE  
SHEATHED WITH CS-WSP (1/16" OSB)  
IN ACCORDANCE WITH SECTION  
R602.10.3 UNLESS OTHERWISE NOTED.



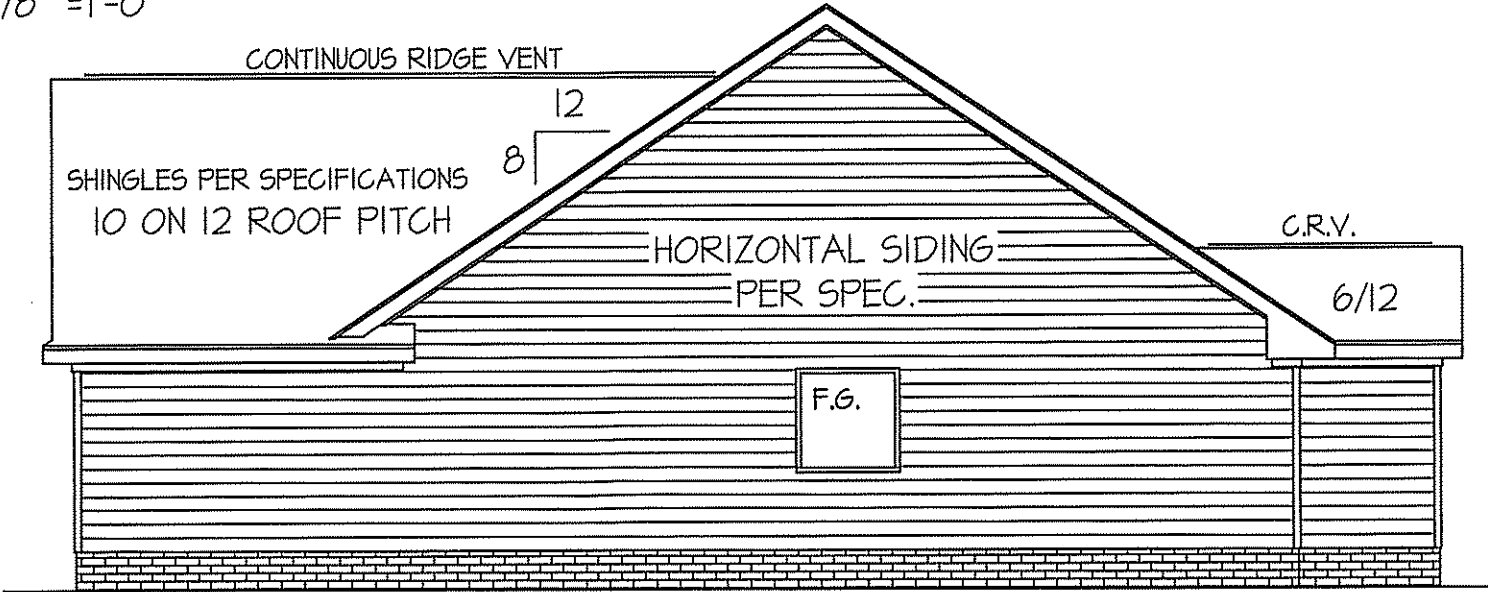
REAR ELEVATION

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



LEFT ELEVATION

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



RIGHT ELEVATION

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

DATE:  
OCT. 18, 2019

FREEDOM FAMILY HOMES  
P.O. BOX 608  
DUNN, N.C. - 28335  
O: (910) 892-1231 FAX: (910) 892-5680  
© 2019, FREEDOM FAMILY HOMES



EXCLUSIVE PLAN FOR  
FREEDOM FAMILY HOMES  
WILSON~RIGHT

PLAN:

SHEET NO.  
1

MAIN COMPUTER FILE: FFH - WILSON - DEC-2019

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

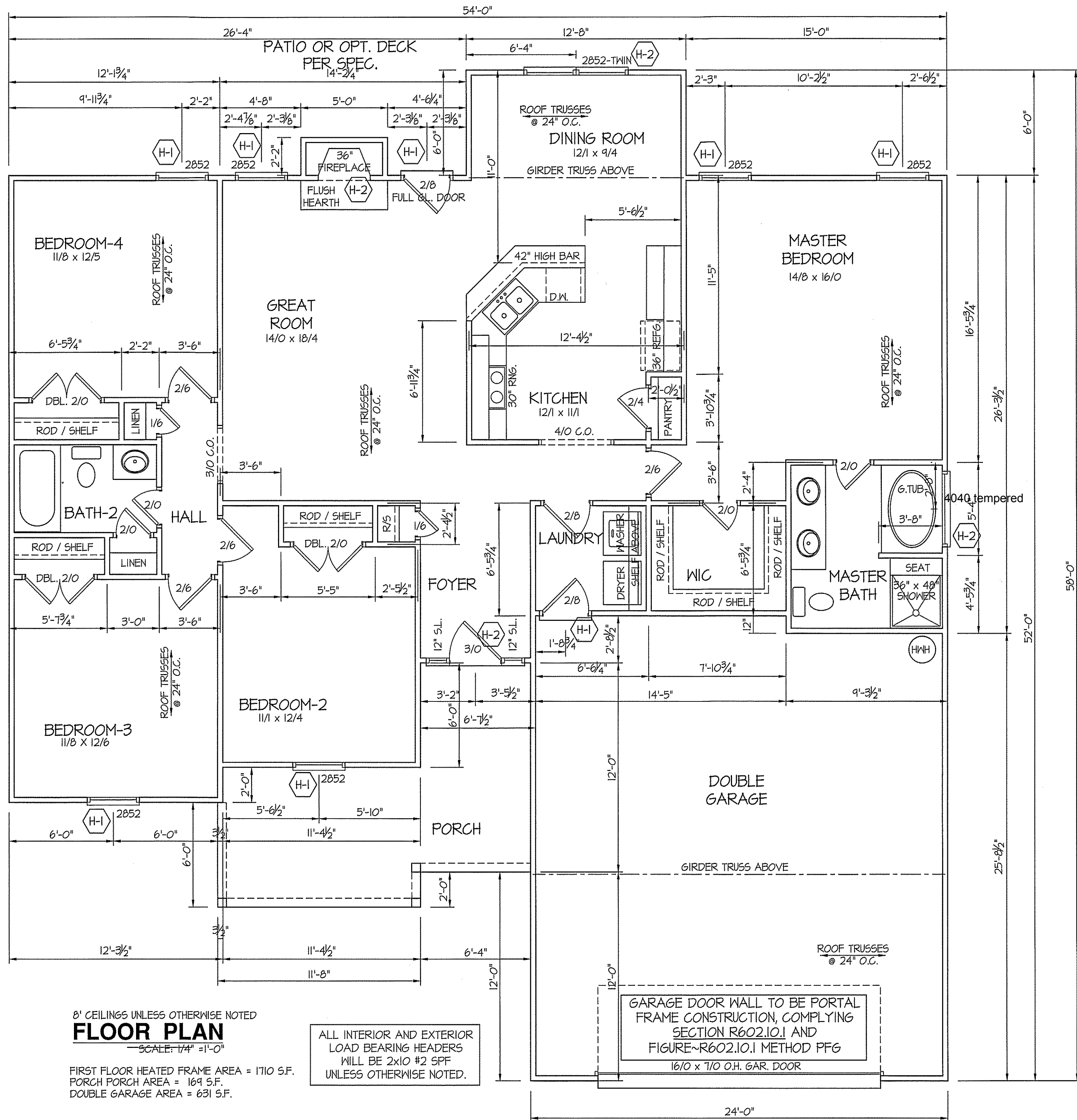
| HEADER SCHEDULE |                     |       |
|-----------------|---------------------|-------|
| SYMBOL #        | SIZE                | JACKS |
| H-1             | (2) 2x10            | 1     |
| H-2             | (2) 2x10            | 2     |
| H-3             | (2) 2x8             | 2     |
| 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.

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).

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

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' CEILINGS UNLESS OTHERWISE NOTED  
**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

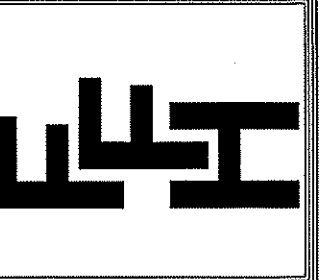
FIRST FLOOR HEATED FRAME AREA = 1710 S.F.  
PORCH PORCH AREA = 169 S.F.  
DOUBLE GARAGE AREA = 631 S.F.

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

GARAGE DOOR WALL TO BE PORTAL  
FRAME CONSTRUCTION, COMPLYING  
SECTION R602.10.1 AND  
FIGURE~R602.10.1 METHOD PFG  
16/0 x 7/0 O.H. GAR. DOOR

DATE:  
OCT. 18, 2019

**FREEDOM FAMILY HOMES**  
P.O. BOX 608  
DUNN, N.C. - 28335  
O: (910) 892-1231 FAX: (910) 892-5680  
© 2019, FREEDOM FAMILY HOMES



EXCLUSIVE PLAN FOR  
**FREEDOM FAMILY HOMES**  
**WILSON~RIGHT**

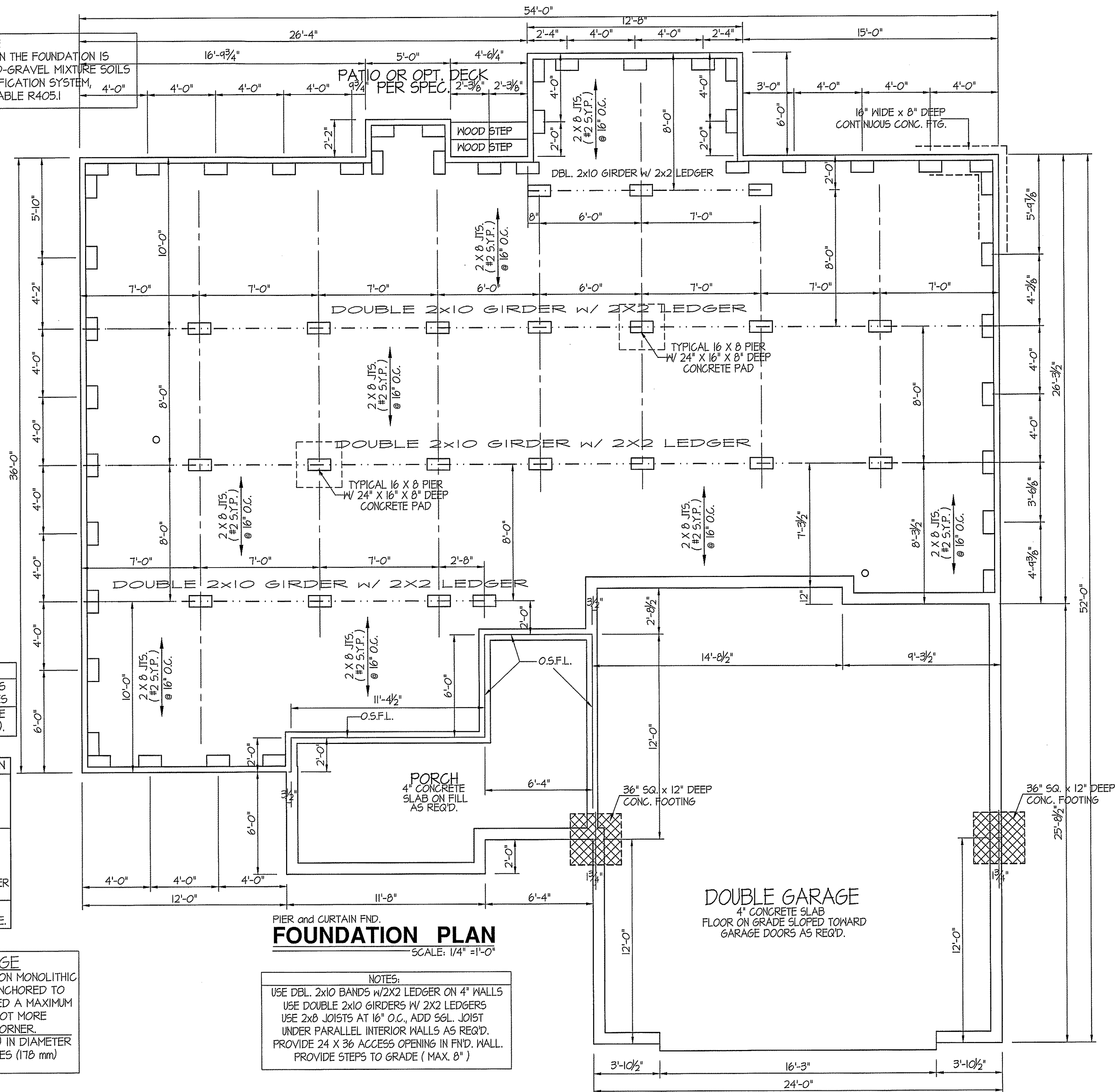
SHEET NO.  
**2**

**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 1 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).

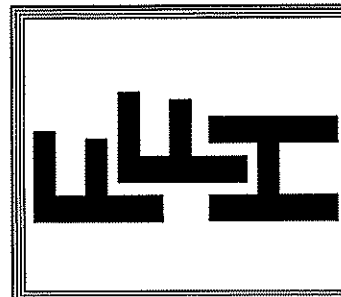
**FOUNDATION VENTILATION INFORMATION**  
(MIN. NET AREA OF VENT. REQ'D. = 1/150)  
1710 S.F. (CRAWL) x .96 = 1641.6 S.I.  
USE 26" WITTEN AUTO. VENT" FND. VENTS  
@ 65 S.I. FREE NET AREA OR EQUIVALENT.  
(MIN. NET AREA CAN BE REDUCED TO 1/1500  
1710 S.F. (CRAWL) x .096 = 164.16 S.I.  
USE 3" WITTEN 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 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.



DATE:  
OCT. 18, 2019

**FREEDOM FAMILY HOMES**  
P.O. BOX 608  
DUNN, N.C. - 28335  
O: (910) 892-1231 FAX: (910) 892-5680  
© 2019, FREEDOM FAMILY HOMES



**EXCLUSIVE PLAN FOR**  
**FREEDOM FAMILY HOMES**  
**WILSON ~ RIGHT**

PLAN:

SHEET NO.

**3**

PATIO OR OPT. DECK  
PER SPEC.

DATE:

OCT. 18, 2019

**FREEDOM FAMILY HOMES**

P.O. BOX 608

P.O. BOX 608  
DUNN, N.C. - 28335

DUNN, N.C. - 28333  
 O: (910) 892-1231 FAX: (910) 892-5680

© 2019, FREEDOM FAMILY HOMES



EXCLUSIVE PLAN FOR  
FREEDOM FAMILY HOMES  
**WILSON~RIGHT**

PLAN:

SHEET NO.

4

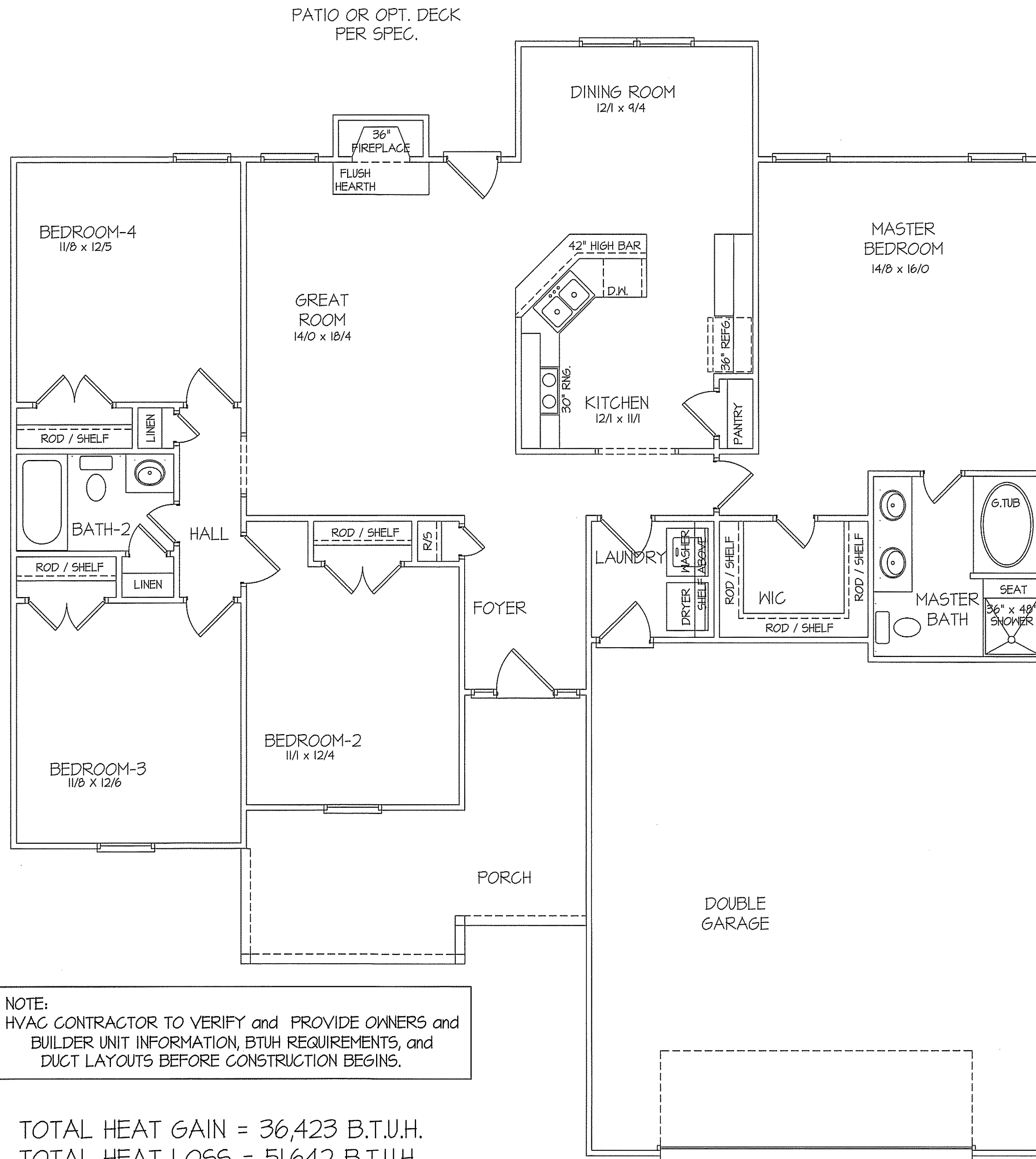
| ELECTRICAL LEGEND                                                                                                                                                                                                              |                        |                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|
| PROVIDE BURGLAR/SMOKE AND FIRE DETECTORS AS PER MANUFACTURER'S SPECIFICATIONS<br>PROVIDE CENTRAL VACUUM SYSTEM AS PER MANUFACTURER'S SPECIFICATIONS<br>ALL FANS ARE TO BE CONTROLLED BY VARYING SPEED AND DIRECTIONAL SWITCHES |                        |                    |
| ⊕ SURF. MOUNTED LIGHT                                                                                                                                                                                                          | ⊕ TYPICAL WALL RECP.   | ⊕ 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 RECP.     | ⊕ ELEC. PANEL BOX  |
| □ FLUOR. LIGHT FIXTURE                                                                                                                                                                                                         | ⊕ GROUND FAULT         | ⊕ T.V. CABLE RECP. |
| ⊕ EXHAUST FAN                                                                                                                                                                                                                  | ⊕ DISPOSAL UNIT        | ⊕ TELEPHONE JACK   |
| ⊕ CL'G. FAN                                                                                                                                                                                                                    | ⊕ 220 VOLT RECEPTACLE  | ⊕ COMPUTER JACK    |
| ⊕ FLOOD LIGHT                                                                                                                                                                                                                  |                        |                    |

8' CLG. UNLESS OTHERWISE NOTE

## ELECTRICAL FLOOR PLAN

—SCALE: 1/4" = 1'-0"

FIRST FLOOR HEATED FRAME AREA = 1710 S.F.  
PORCH PORCH AREA = 169 S.F.  
DOUBLE GARAGE AREA = 631 S.F.



8' CEILINGS UNLESS OTHERWISE NOTED  
**HVAC  
FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

FIRST FLOOR HEATED FRAME AREA = 1710 S.F.  
PORCH PORCH AREA = 169 S.F.  
DOUBLE GARAGE AREA = 631 S.F.

DATE:

OCT. 18, 2019

**FREEDOM FAMILY HOMES**

P.O. BOX 608  
DUNN, N.C. - 28335  
O: (910) 892-1231 FAX: (910) 892-5680  
©2019, FREEDOM FAMILY HOMES

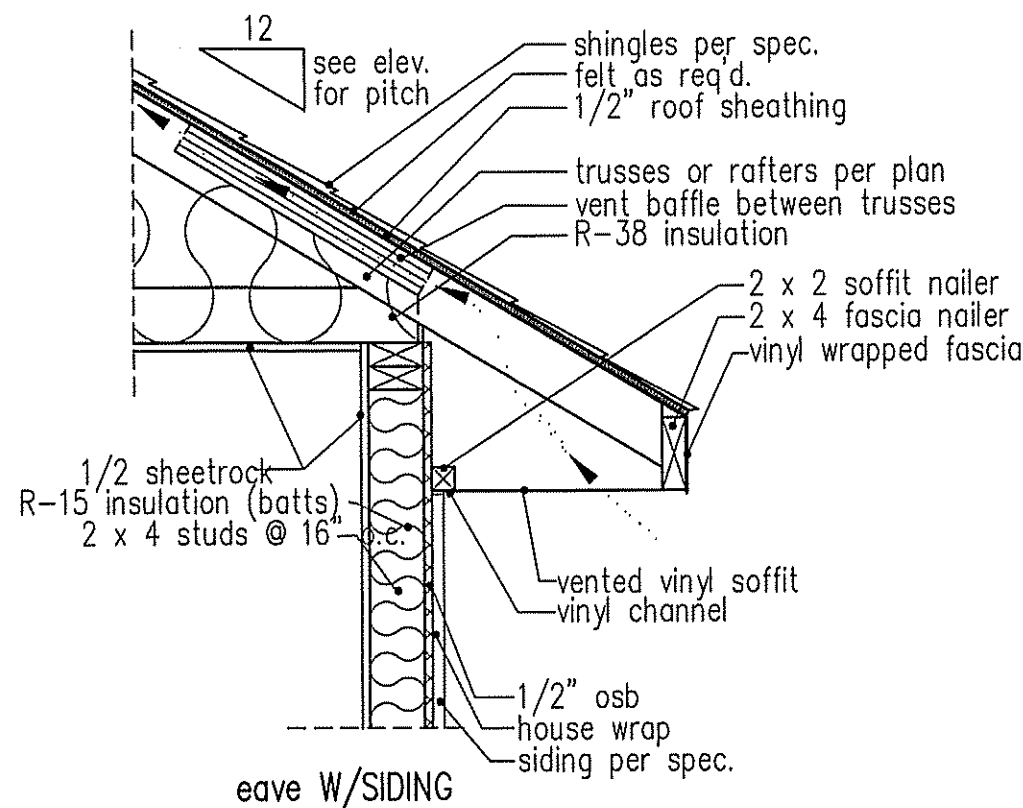
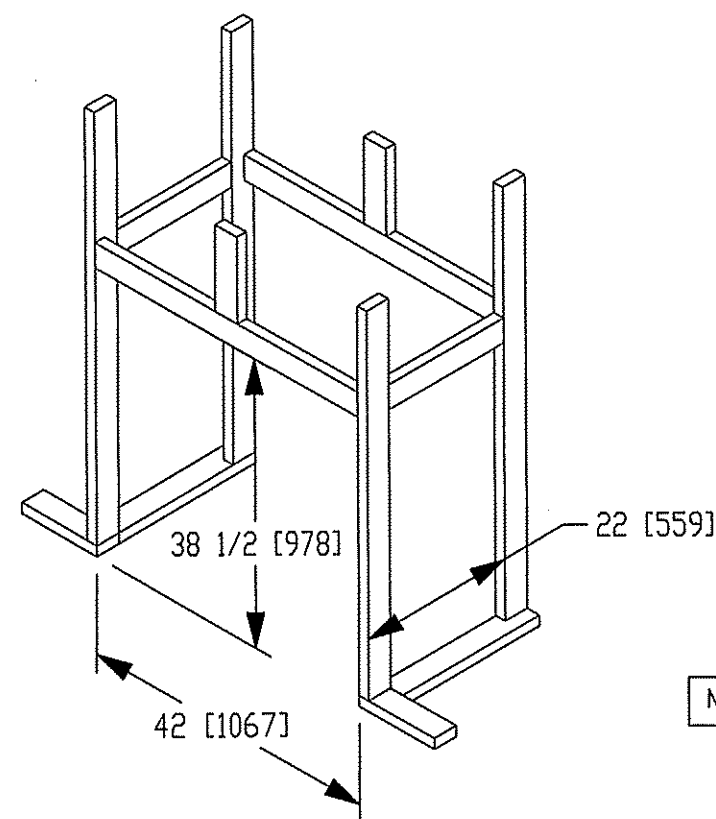


EXCLUSIVE PLAN FOR  
FREEDOM FAMILY HOMES  
**WILSON~RIGHT**

PLAN:

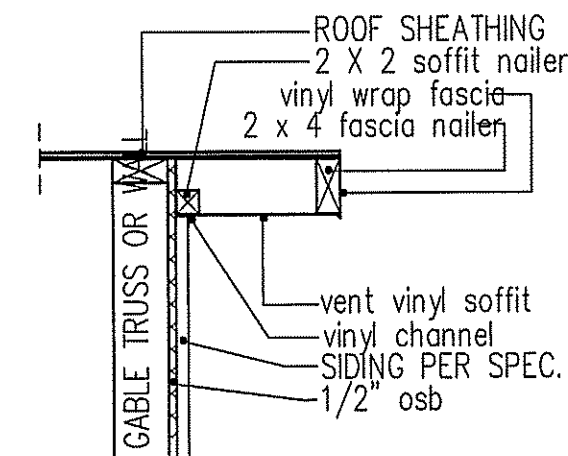
SHEET NO.

**5**



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

### standard eave details



### RAKE w/SIDING

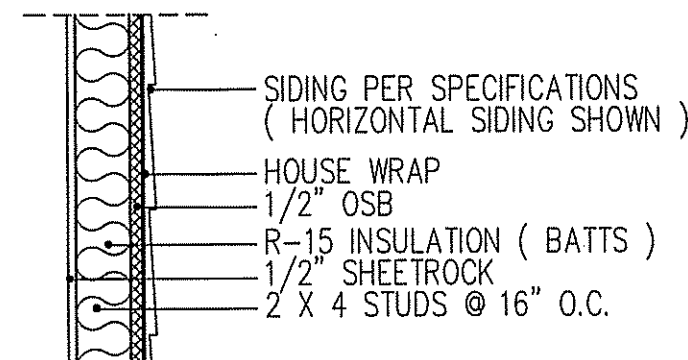
NOTE: OVERHANG DISTANCE NOTED ON ELEVATION SHEET IS ALWAYS MEASURED FROM FRAME LINE

| TABLE R602.15<br>MINIMUM NUMBER OF FULL HEIGHT STUDS<br>AT EACH END OF HEADERS IN EXTERIOR WALLS |                                                     |    |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------|----|
| HEADER SPAN<br>(feet)                                                                            | MAX. STUD SPACING (Inches)<br>[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.-R602.1 (1) AND INT.-R602.1 (2).

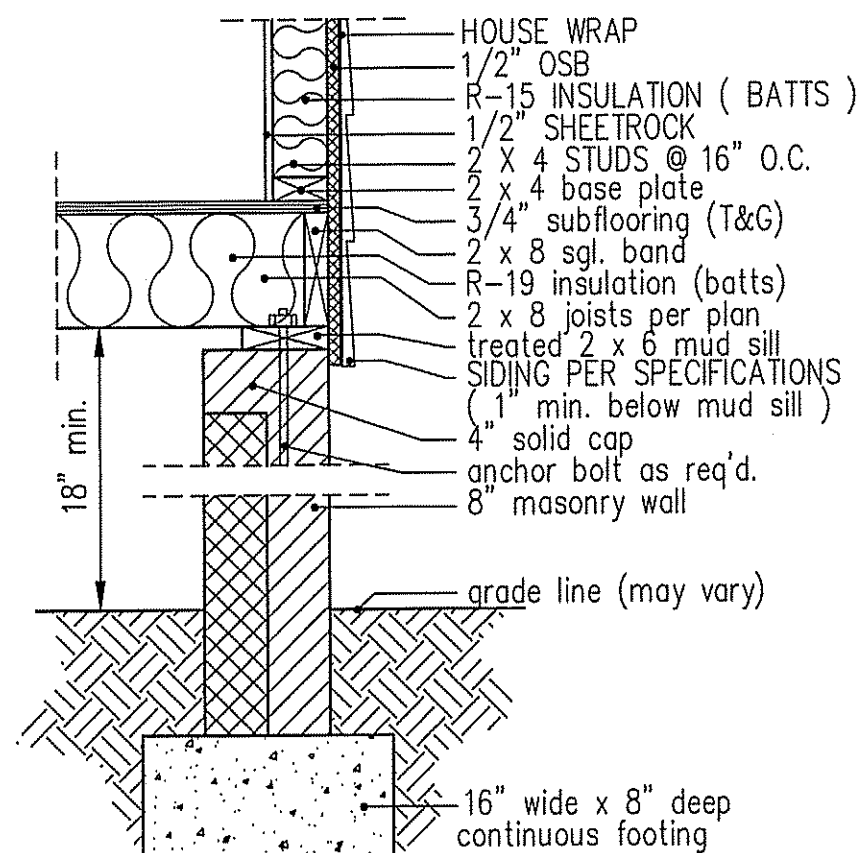
| DIMENSIONS IN [ ] ARE MM |        |         |             |         |            |         |        |         |               |
|--------------------------|--------|---------|-------------|---------|------------|---------|--------|---------|---------------|
| SPECIFICATIONS           |        |         |             |         |            |         |        |         |               |
| Model<br>6000-TR         | Height |         | Front Width |         | Back Width |         | Depth  |         | Glass<br>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.

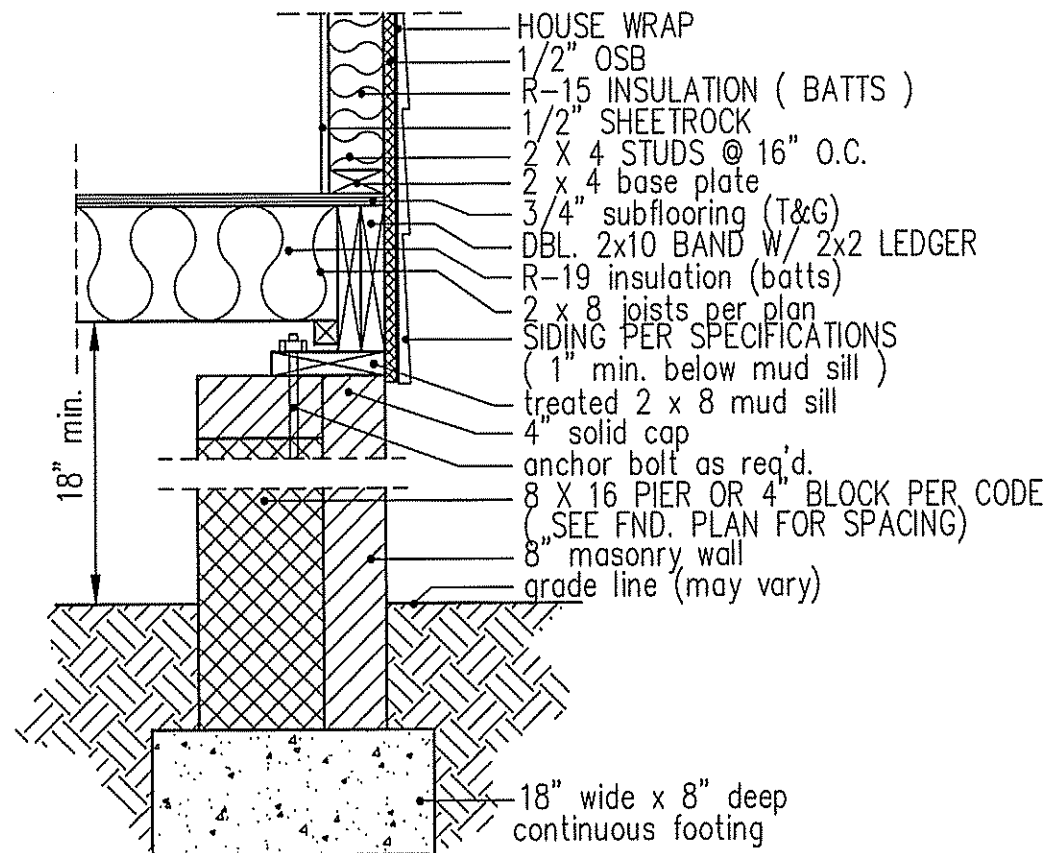


### WALL W/siding

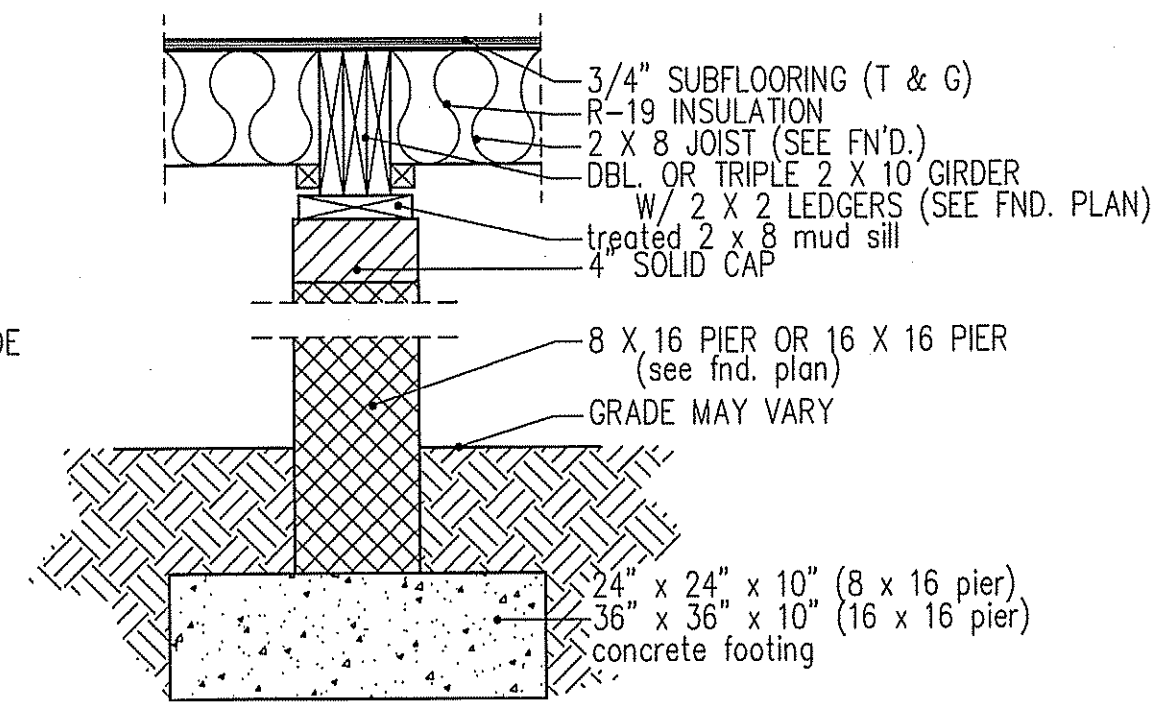
### intermediate wall details



### 8" BOX SILL FOUNDATION WALL



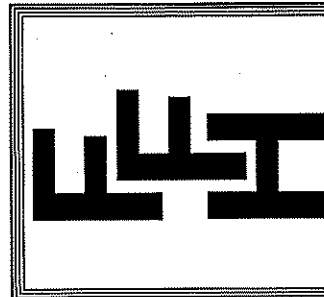
### PIER and CURTAIN FOUNDATION WALL



### PIER and GIRDER DETAIL

DATE:  
OCT. 18, 2019

**FREEDOM FAMILY HOMES**  
P.O. BOX 608  
DUNN, N.C. - 28335  
O: (910) 892-1231 FAX: (910) 892-5680  
© 2019, FREEDOM FAMILY HOMES



**EXCLUSIVE PLAN FOR  
FREEDOM FAMILY HOMES  
WILSON**

PLAN:

SHEET NO.

**6**