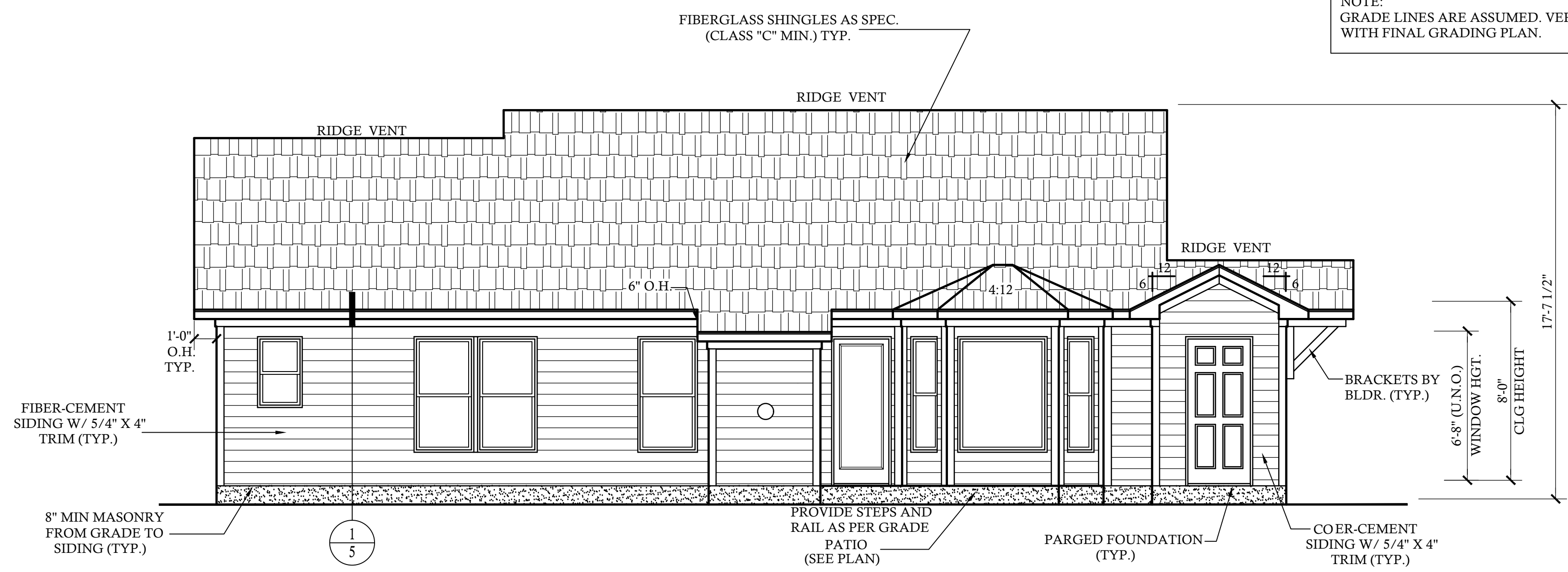


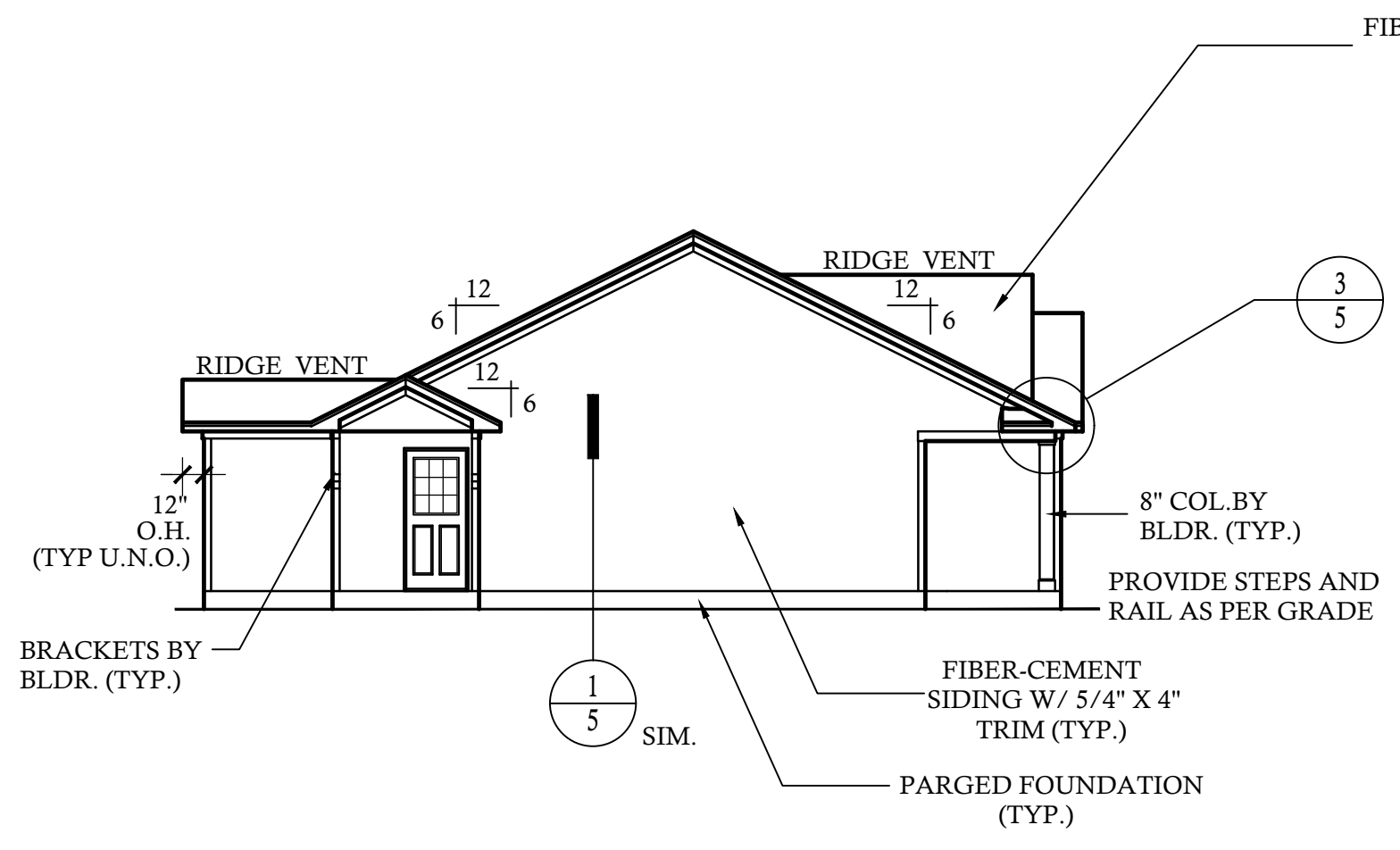


NOTE:  
GRADE LINES ARE ASSUMED. VERIFY  
WITH FINAL GRADING PLAN.



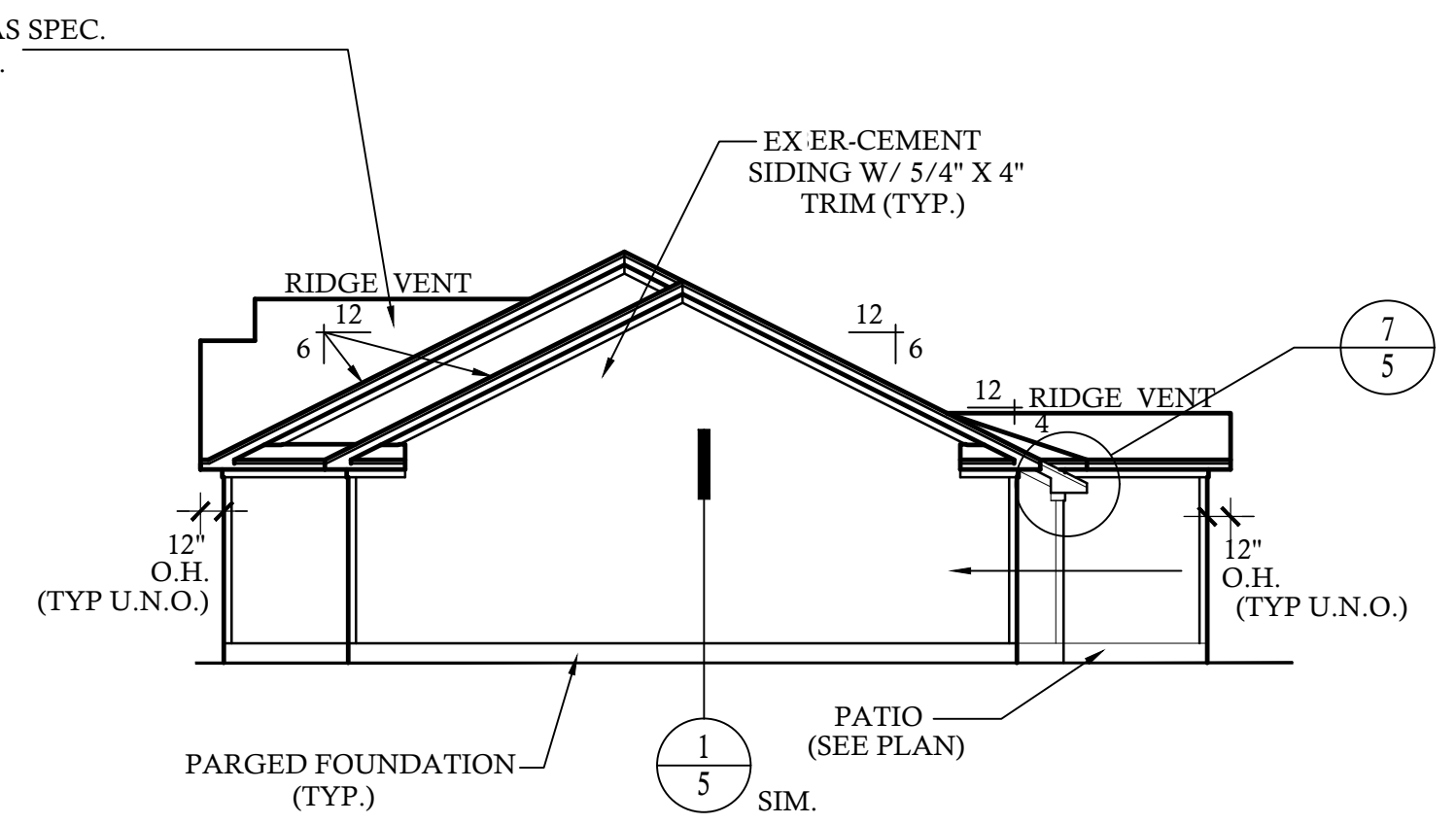
**REAR ELEVATION**

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



**LEFT SIDE ELEVATION**

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



**RIGHT SIDE ELEVATION**

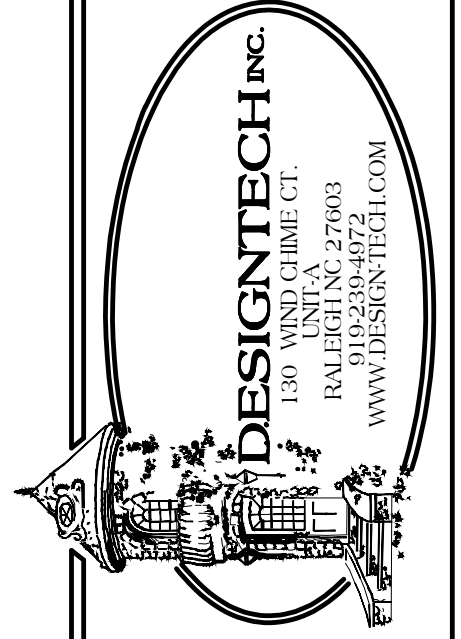
SCALE: 1/8"=1'-0"

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY ERROR OR OMISSIONS SHALL BE REPORTED TO DESIGN TECH, INC. FOR CORRECTIONS OR JUSTIFICATION. CONTRACTOR MUST COMPLY WITH ALL LOCAL BUILDING CODES WHERE HOME IS TO BE BUILT. IF NO ENGINEERING DRAWINGS ARE PROVIDED BY CONTRACTOR, CONTRACTOR SHALL VERIFY ALL STRUCTURAL DESIGN ONCE CONSTRUCTION HAS BEGUN. CONTRACTOR WILL ASSUME ALL RESPONSIBILITY. PLAN HAS BEEN DESIGNED TO COMPLY WITH 2018 NCRS.

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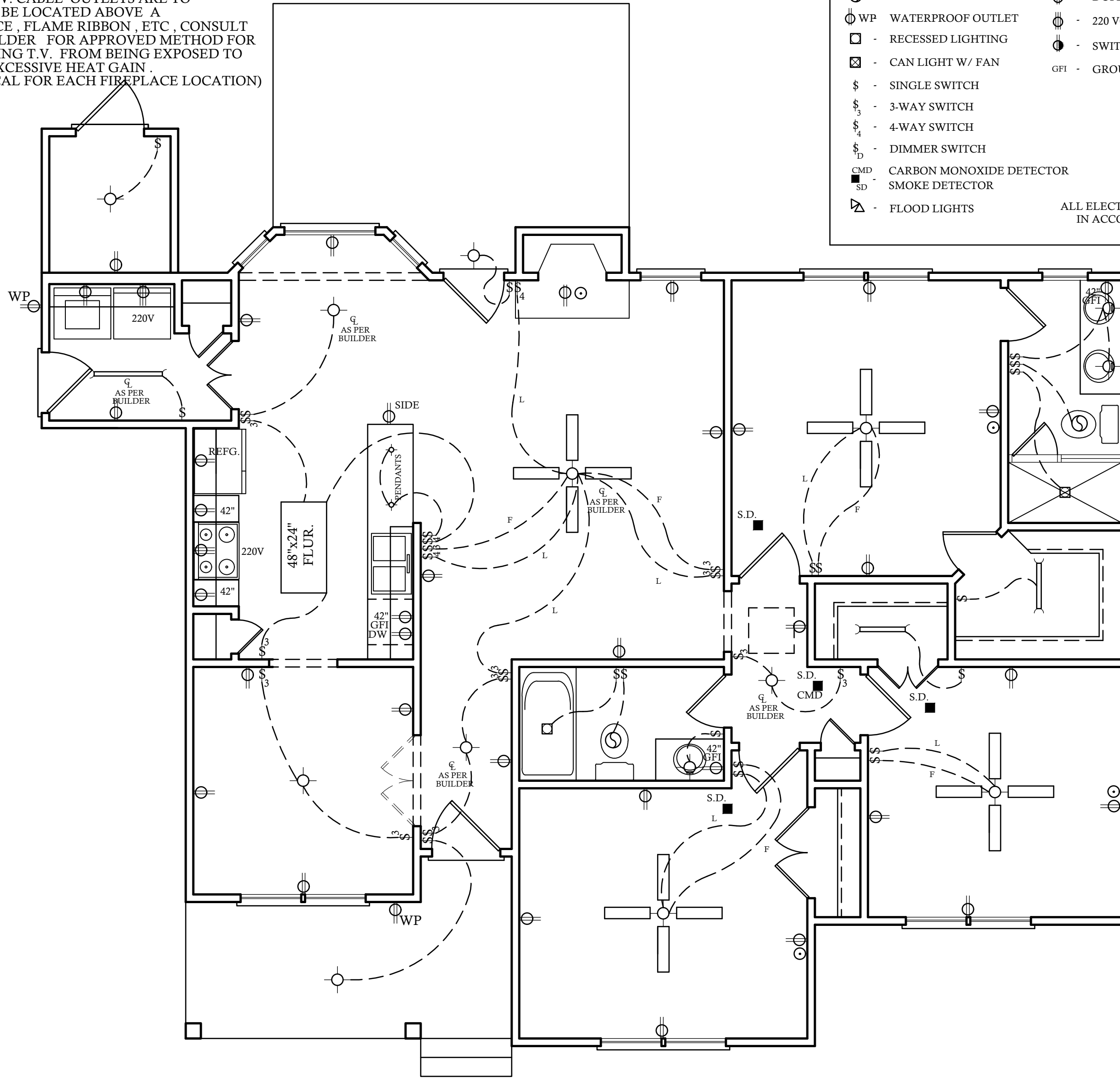


**RAYNOR BUILDERS**  
156 EAST MAIN STREET  
COATS, NC

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NOTE:  
IF T.V. CABLE OUTLETS ARE TO  
BE LOCATED ABOVE A  
FIRE PLACE, FLAME RIBBON, ETC, CONSULT  
WITH BUILDER FOR APPROVED METHOD FOR  
PREVENTING T.V. FROM BEING EXPOSED TO  
EXCESSIVE HEAT GAIN.  
(NOTE TYPICAL FOR EACH FIREPLACE LOCATION)



NOTE:  
BUILDER TO COORDINATE  
FLOOD LIGHT LOCATION  
AND SWITCHES ASSOCIATED  
WITH THESE LIGHTS

### ELECTRICAL LEGEND

- - LIGHT FIXTURE
- ⊙ - FAN/LIGHT
- ⊕ WP - WATERPROOF OUTLET
- - RECESSED LIGHTING
- ⊠ - CAN LIGHT W/ FAN
- § - SINGLE SWITCH
- §<sub>3</sub> - 3-WAY SWITCH
- §<sub>4</sub> - 4-WAY SWITCH
- §<sub>D</sub> - DIMMER SWITCH
- CMD - CARBON MONOXIDE DETECTOR
- SD - SMOKE DETECTOR
- ⊠ - FLOOD LIGHTS
- ▽ - EYEBALL SPOTS
- ⊕ - DUPLEX RECEPTACLE (110V)
- ⊕ - 220 VOLT RECEPTACLE
- ⊕ - SWITCHED RECEPTACLE (TOP WIRE ONLY)
- GFI - GROUND FAULT CIRCUIT INTERRUPTOR
- ⊕ - CLG FAN/LIGHTS
- - TRACK LIGHTS
- - FLUORESCENT LIGHTING
- - CABLE OUTLET
- ▲ - TELEPHONE OUTLET
- △ - COMPUTER DATA OUTLET
- - INTERCOM

NOTE:  
ALL ELECTRICAL INSTALLATIONS SHALL BE  
IN ACCORDANCE WITH THE NEC.

### ELECTRICAL NOTES:

1. THE ELECTRICAL DIAGRAMS SHOWN ON THESE PLANS ARE TO BE USED AS A GUIDE. HOME OWNER AND BUILDER ARE REQUIRED TO REVIEW AND CONFIRM WITH LICENSED ELECTRICAL CONTRACTOR THESE CONTENTS PRIOR TO ROUGH-IN FOR CODE COMPLIANCE AND SPECIAL REQUIREMENTS BY THE HOME OWNER. ONCE CONSTRUCTION BEGINS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR, NOT DESIGN TECH, INCORPORATED.
2. SEE ELECTRICIAN, BUILDER, AND OWNER FOR POSSIBLE GENERATOR LOCATION, SWITCHES, RECEPTACLES, AND ATTACHMENTS. COORDINATE SIZE AND MODEL OF GENERATOR TO HANDLE LOADS ADEQUATELY.
3. UNDER-CABINET COUNTER LIGHTING FOR KITCHEN IS OPTIONAL. PLEASE CONFIRM WITH CABINET MAKER AND ELECTRICIAN.
4. ELECTRICAL FOR EXTERIOR LANDSCAPE LIGHTING AND POOL EQUIPMENT BY BUILDER AS PER CODE.
5. IT IS AN OPTION FOR EVERY TOP RECEPTACLE AT FRONT WINDOWS TO BE ON ONE SWITCH LOCATED BY OWNER/ BUILDER FOR WINDOW DECORATION LIGHTING.
6. CLOSET LIGHTING TO BE CONTROLLED BY SWITCH AS SHOWN OR IN-JAMB SWITCH WHICH WOULD ILLUMINATE LIGHT WHEN DOOR IS OPENED. SOME ELECTRICAL PLANS MAY OR MAY NOT SHOW CLOSET LIGHTING. SEE OWNER AND CONFIRM WITH BUILDER.
7. EXHAUST FANS ARE REQUIRED IN BATHROOMS WITHOUT NATURAL VENTILATION. OUR PLANS WILL ALWAYS SHOW EXHAUST FAN.
8. NO HEAT LAMPS OR HEATERS MAY BE SHOWN IN THIS DRAWING. PLEASE CONFIRM WITH BUILDER FOR PRESENCE AND LOCATION.
9. ALL SLEEPING AREAS/BEDROOMS SHOULD CONTAIN SMOKE DETECTORS. SOME CORRIDORS ALSO REQUIRE SMOKE DETECTORS. PLEASE SEE LOCAL, STATE, AND FEDERAL BUILDING CODES TO CONFIRM THESE REQUIREMENTS.
10. PANEL BOX LOCATION BY ELECTRICIAN/BUILDER AS PER CODE.

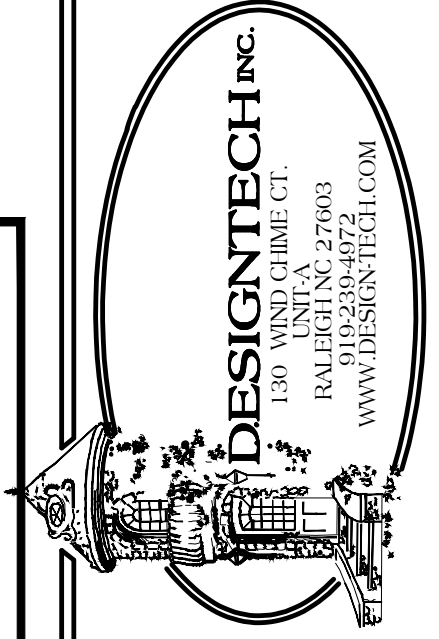
## FIRST FLOOR ELECTRICAL PLAN

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY ERROR OR OMISSIONS SHALL BE REPORTED TO DESIGN TECH, INC. FOR CORRECTIONS OR REVISIONS. CONTRACTOR SHALL VERIFY ALL LOCAL BUILDING CODES WHERE HOME IS TO BE BUILT. IF NO ENGINEERING DRAWINGS ARE PROVIDED, CONTRACTOR MUST CONSULT WITH LOCAL ENGINEER FOR STRUCTURAL DESIGN. ONCE CONSTRUCTION HAS BEGUN, CONTRACTOR WILL ASSUME ALL RESPONSIBILITY. CONTRACTOR WILL ASSUME PLAN HAS BEEN DESIGNED TO COMPLY WITH 2018 NCC.

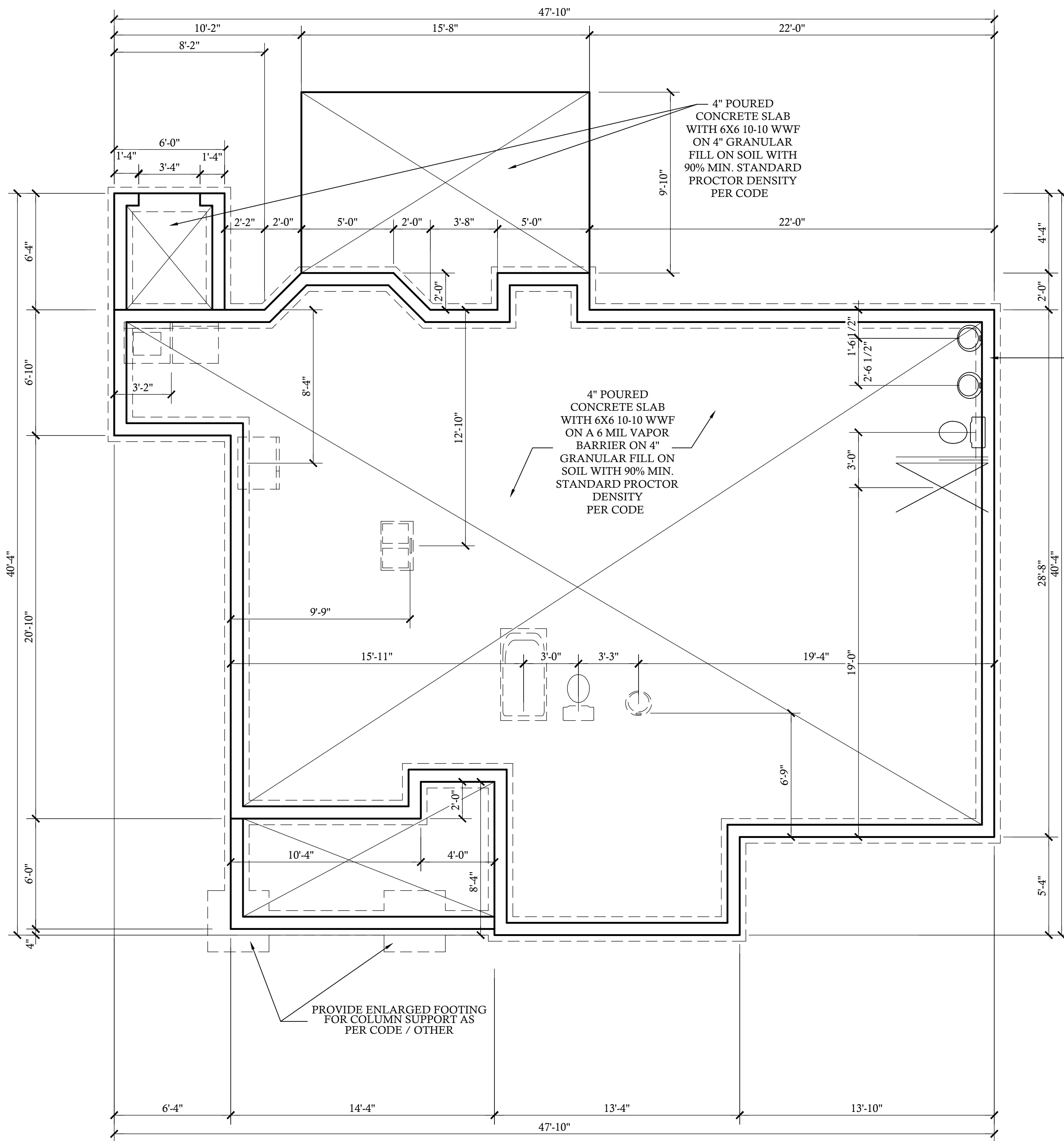
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**RAYNOR BUILDERS**  
156 EAST MAIN STREET  
COATS, NC



8" BLOCK FOUNDATION ON A 20" WIDE X 10" THICK FTG. PER CODE

NOTE:  
ALL STRUCTURAL CONDITIONS TO BE VERIFIED BY A STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ANY ERROR OR OMISSIONS SHALL BE REPORTED TO DESIGN TECH, INC. FOR CORRECTIONS OR REVISIONS. CONTRACTOR SHALL VERIFY ALL LOCAL BUILDING CODES WHERE HOME IS TO BE BUILT. IF NO ENGINEERING DRAWINGS ARE PROVIDED, CONTRACTOR MUST CONSULT WITH LOCAL ENGINEER FOR STRUCTURAL DESIGN. ONCE CONSTRUCTION HAS BEGUN, CONTRACTOR WILL ASSUME ALL RESPONSIBILITY. CONTRACTOR WILL ASSUME PLAN HAS BEEN DESIGNED TO COMPLY WITH 2018 NCCCR.

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**RAYNOR BUILDERS**  
156 EAST MAIN STREET  
COATS, NC

**FOUNDATION PLAN**

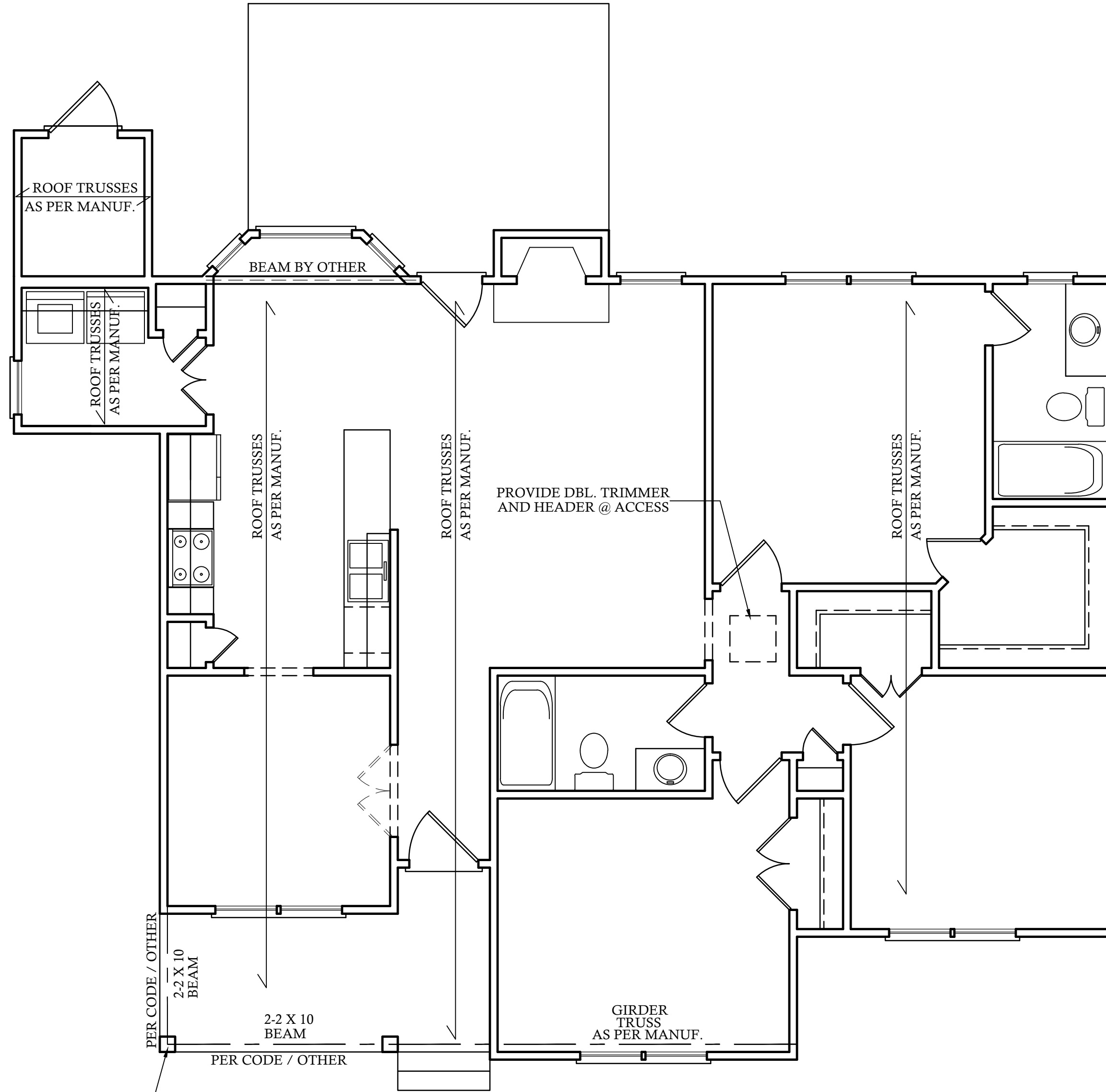
SCALE: 1/4"=1'-0"

A/B/D  
SHEET NO. **5** OF 7

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PT 6X6 POST, WRAP AS REQ'D. OPTION: (5) KIP MIN. RATED COLUMN PER BUILDER, TYP @ FRONT PORCH UNO

LAP BANDS AT CORNER POST, TYP.



NOTE:  
ALL STRUCTURAL CONDITIONS  
TO BE VERIFIED BY A STRUCTURAL ENGINEER  
PRIOR TO CONSTRUCTION

FIRST FLOOR CLG. STRUCTURAL

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

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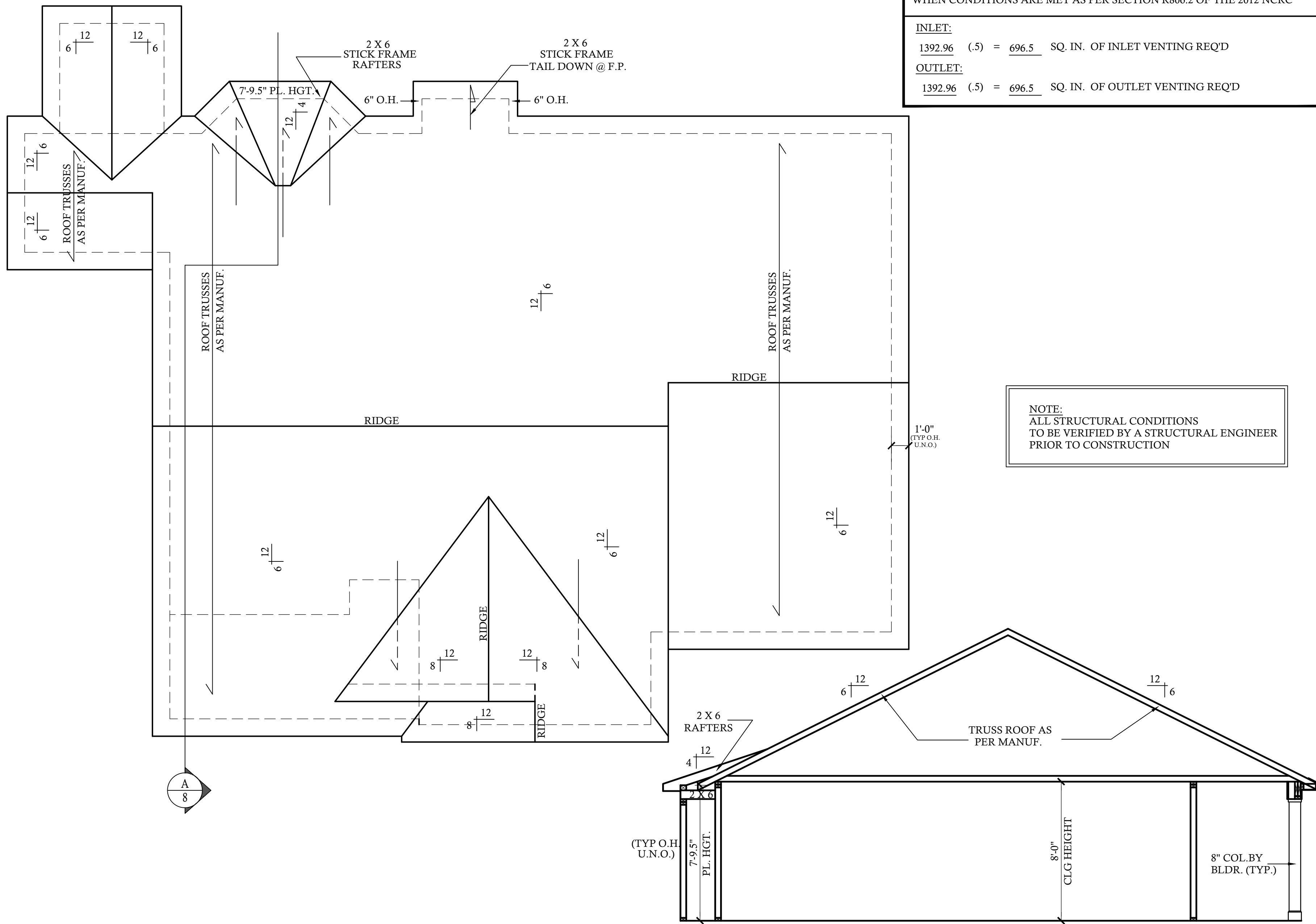
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**RAYNOR BUILDERS**  
156 EAST MAIN STREET  
COATS, NC



### ROOF VENTILATING REQUIREMENTS

SQ.FT. OF AREA VENTILATED	$\frac{1451}{150} (144) = 1392.96$	TOTAL SQ. IN. OF ATTIC VENTILATION REQ'D
NOTE: FIGURE BASED ON SECTION R-806.2 OF THE 2012 NCRC MINIMUM NET FREE VENTILATING AREA IS PERMITTED TO BE REDUCED TO 1 TO 300 WHEN CONDITIONS ARE MET AS PER SECTION R806.2 OF THE 2012 NCRC		
<b>INLET:</b>		
$1392.96 (.5) = 696.5$	SQ. IN. OF INLET VENTING REQ'D	
<b>OUTLET:</b>		
$1392.96 (.5) = 696.5$	SQ. IN. OF OUTLET VENTING REQ'D	

NOTE:  
ALL STRUCTURAL CONDITIONS  
TO BE VERIFIED BY A STRUCTURAL ENGINEER  
PRIOR TO CONSTRUCTION

**ROOF FRAMING PLAN**

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



**BUILDING SECTION**

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

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THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY.  
PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS,  
SUCH AS PLUMBING OR DUCT DROPS.

CONSTRUCTION COPY-  
FOR FIELD USE

Job #

Q-2001256

156 East Main  
156 East Main St  
Coats NC

Date Quoted:  
6/1/2020 12:00:00 AM

Designer:  
Aron Meeks

Guy C Lee - Clayton  
151 Hwy 42 E  
Clayton, NC  
27520

Peak Truss  
Builders, LLC  
PO Box 340, New Hill, NC 27562

Notes:  
1. Exterior dimensions shown are assumed to be:  
□ Out-to-out of stud  
☒ Out-to-out of sheathing  
2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing is not exceeded.  
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss. Do not install trusses that are damaged, are not properly fabricated, or do not have adequate bearing.  
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.  
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading per 2018 NC Residential Code  
Top Chord Live Load 20# PSF  
Top Chord Dead Load 10# PSF  
Bottom Chord Live Load 0# PSF  
Bottom Chord Dead Load 10# PSF

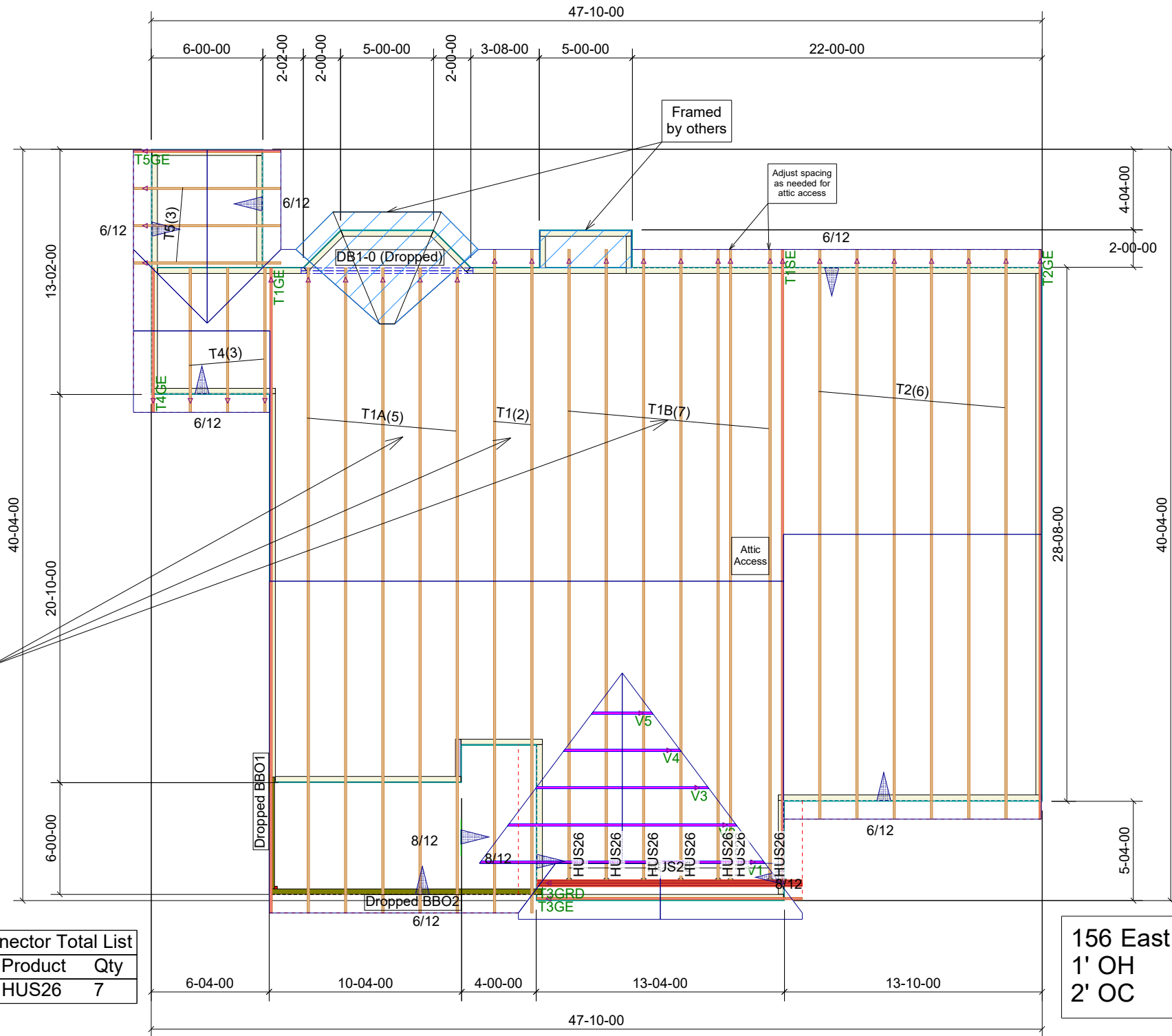
Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

△ - This symbol denotes left end of truss as shown on truss drawings

● - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:

⊕ - Nailed  
⊔ - Ledger



Trusses are NOT symmetrical  
Do not install backwards

Truss Connector Total List		
Manuf	Product	Qty
USP	HUS26	7

156 East Main  
1' OH  
2' OC

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
DB1-0 (Dropped)	10-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2	MFD