

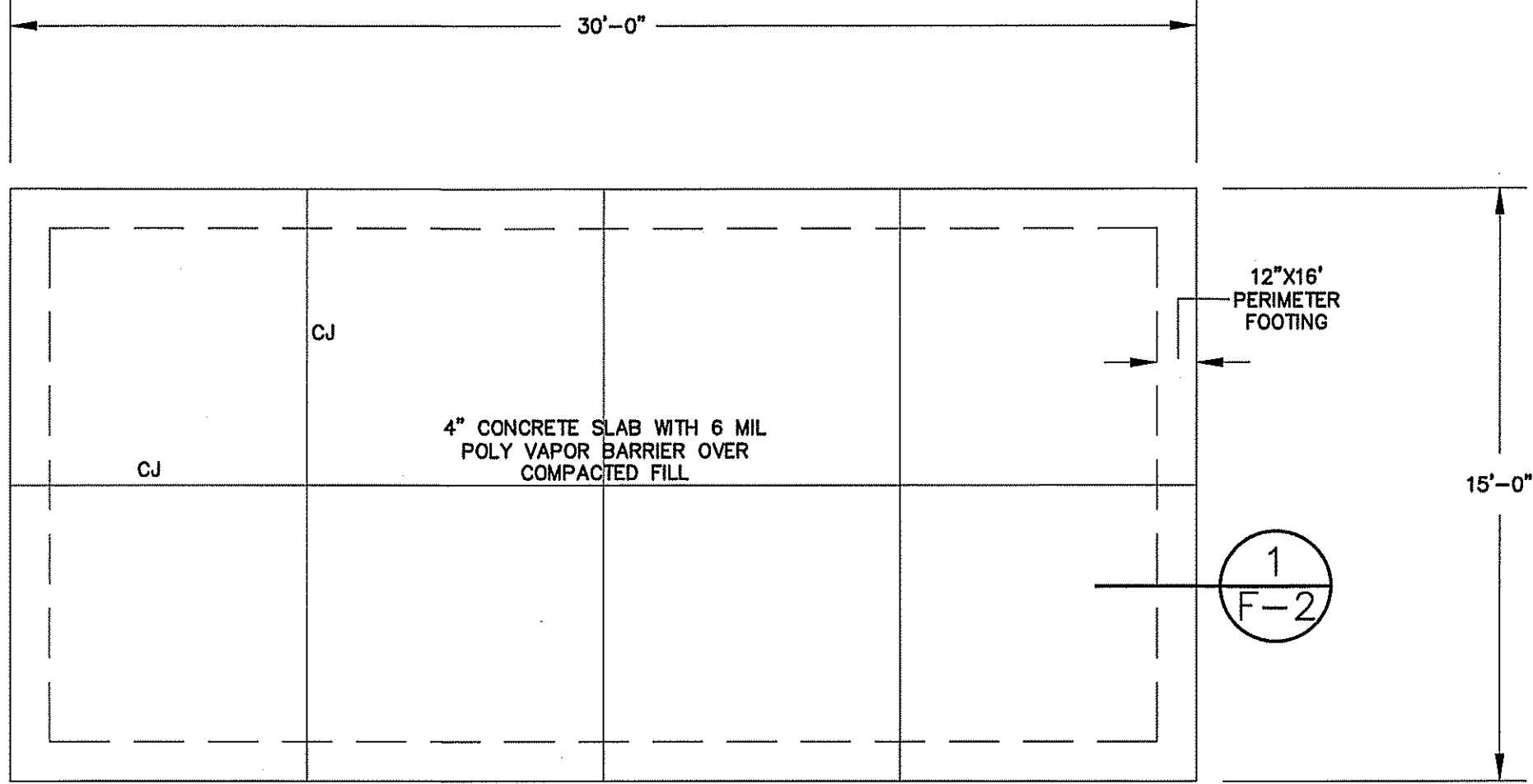
**FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"

- FOUNDATION NOTES:**
- FIELD VERIFY THE SIZE, LOCATIONS, ELEVATIONS, AND DETAILS OF ALL EXISTING CONSTRUCTION AND CONDITIONS THAT AFFECT THE WORK AND INFORM THE ENGINEER OF ANY DISCREPANCIES IN DIMENSION SIZES, LOCATIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK.
  - PROVIDE ALL SHORING, SHEETING, UNDERPINNING, AND OTHER MEANS REQUIRED TO PROTECT AND MAINTAIN THE SAFETY, INTEGRITY, AND STABILITY OF ALL EXISTING AND NEW CONSTRUCTION THAT MAY BE AFFECTED BY THE WORK.
  - CONCRETE SHALL DEVELOP COMPRESSIVE STRENGTHS (F'C) AT 28 DAYS AS FOLLOWS: FOUNDATIONS, WALLS, FOOTING, ETC. 3000 PSI. SLABS ON GRADE 3000 PSI.
  - ALL BUILDING FOOTINGS AND FOUNDATIONS ARE DESIGNED BASED UPON A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. IF SUITABLE SOIL CAPABLE OF SUSTAINING THIS CAPACITY IS NOT FOUND AT THE ELEVATIONS INDICATED, THE ENGINEER SHALL BE NOTIFIED AND THE FOUNDATIONS SHALL BE CHANGED IN ELEVATION AND/OR SIZE AS DETERMINED BY THE ENGINEER.
  - CONCRETE BAR REINFORCEMENT SHALL BE NEW BILLET STEEL CONFORMING TO THE STANDARD SPECIFICATION FOR DEFORMED BILLET STEEL BARS FOR CONCRETE REINFORCEMENT ASTM A-615, GRADE 60.
  - ALL STRUCTURAL FILL INSIDE THE BUILDING SHALL BE SELECTED FILL COMPACTED TO 98% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT (ASTM D-698).
  - ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI-315-80).
  - PROVIDE CORNER BARS AT ALL FOOTING CORNERS AND STEPS UNLESS OTHERWISE NOTED. BARS SHALL BE A MINIMUM OF 4'-0" LONG AND HAVE THE SAME SIZE AND SPACING AS HORIZONTAL REINFORCING.
  - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND A-82.
  - CONTINUOUS REINFORCING BARS SHALL BE LAPPED 48 BAR DIAMETERS AT ALL SPLICES UNLESS OTHERWISE NOTED.
  - STANDARD CONSTRUCTION JOINTS AND EXPANSION JOINTS SHALL BE LOCATED AS SHOWN ON THE PLANS.
  - ALL CONCRETE SHALL BE PROTECTED AGAINST FREEZING FOR SEVEN DAYS AFTER POURING.
  - FLOOR SLAB TO BE POURED ON 6 MIL POLYETHYLENE FILM OVER 4" THICK DRAINAGE FILL OR OVER EXISTING CONCRETE SLAB.
  - REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS AND CONSULT ALL AFFECTED SUBCONTRACTORS FOR LOCATIONS AND SIZES OF REQUIRED OPENINGS AND CAST-IN-ITEMS IN CONCRETE WORK. ALL OPENINGS ON THE STRUCTURAL DRAWINGS SHALL BE SHOWN ON SHOP DRAWINGS FOR APPROVAL.

NOTICE TO CONTRACTOR  
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

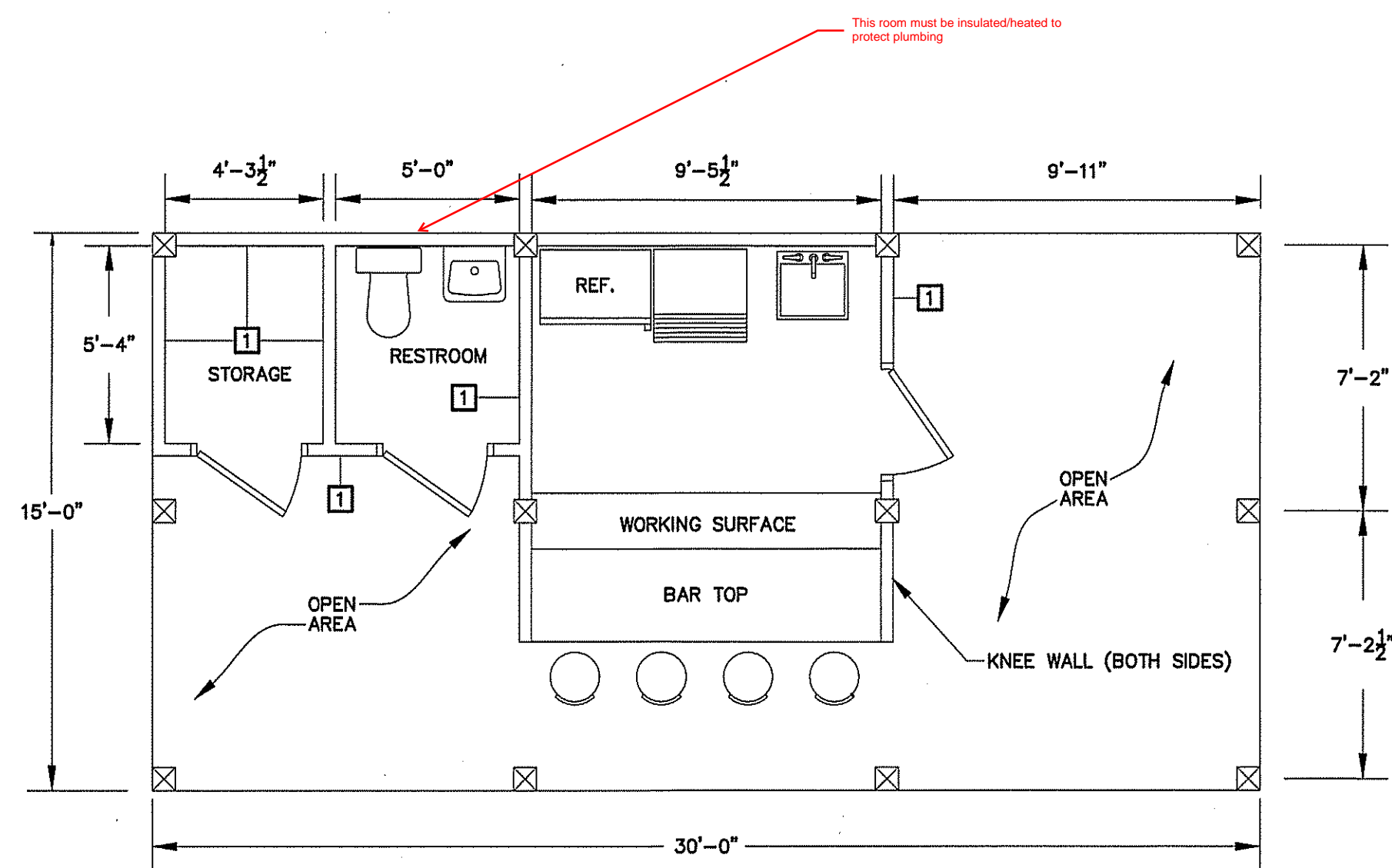
APPROVED  
Limited liability only review.  
Permit holder responsible for full compliance with the code.

05/17/2021



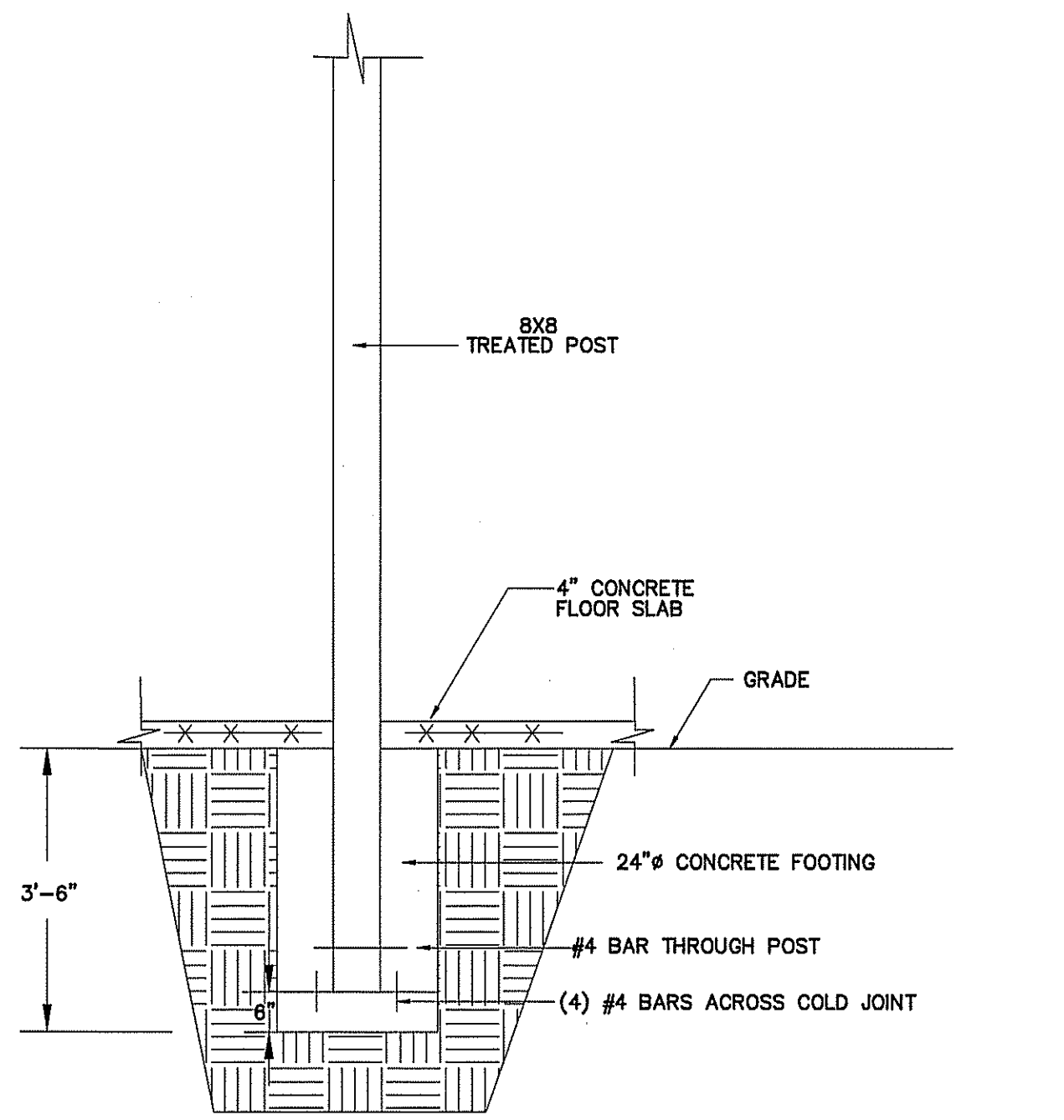
NOTE: INSTALL 12" A.B. @ 48" O.C. AND 12" FROM CORNERS FOR STUD WALL LOCATIONS.

**CONCRETE FLOOR SLAB PLAN**  
SCALE: 1/4" = 1'-0"

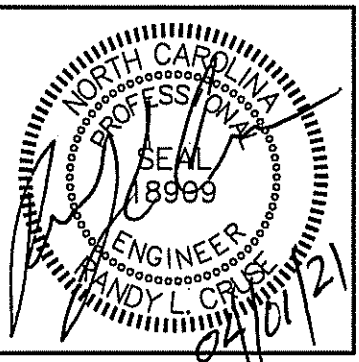


**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

- KEYNOTE:**
- 1 2X4 STUD WALL; 1/2" OSB EXTERIOR SHEATHING EXTERIOR AND INTERIOR FINISHES AS SELECTED BY OWNER.



**SECTION @ COLUMN LINES 1&4**  
SCALE: 1/2" = 1'-0"



PLANS FOR:  
NEIL AVERY  
POOL HOUSE  
228 ARMSTRONG ST., DUNN NC

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And  
Associates, P.A.

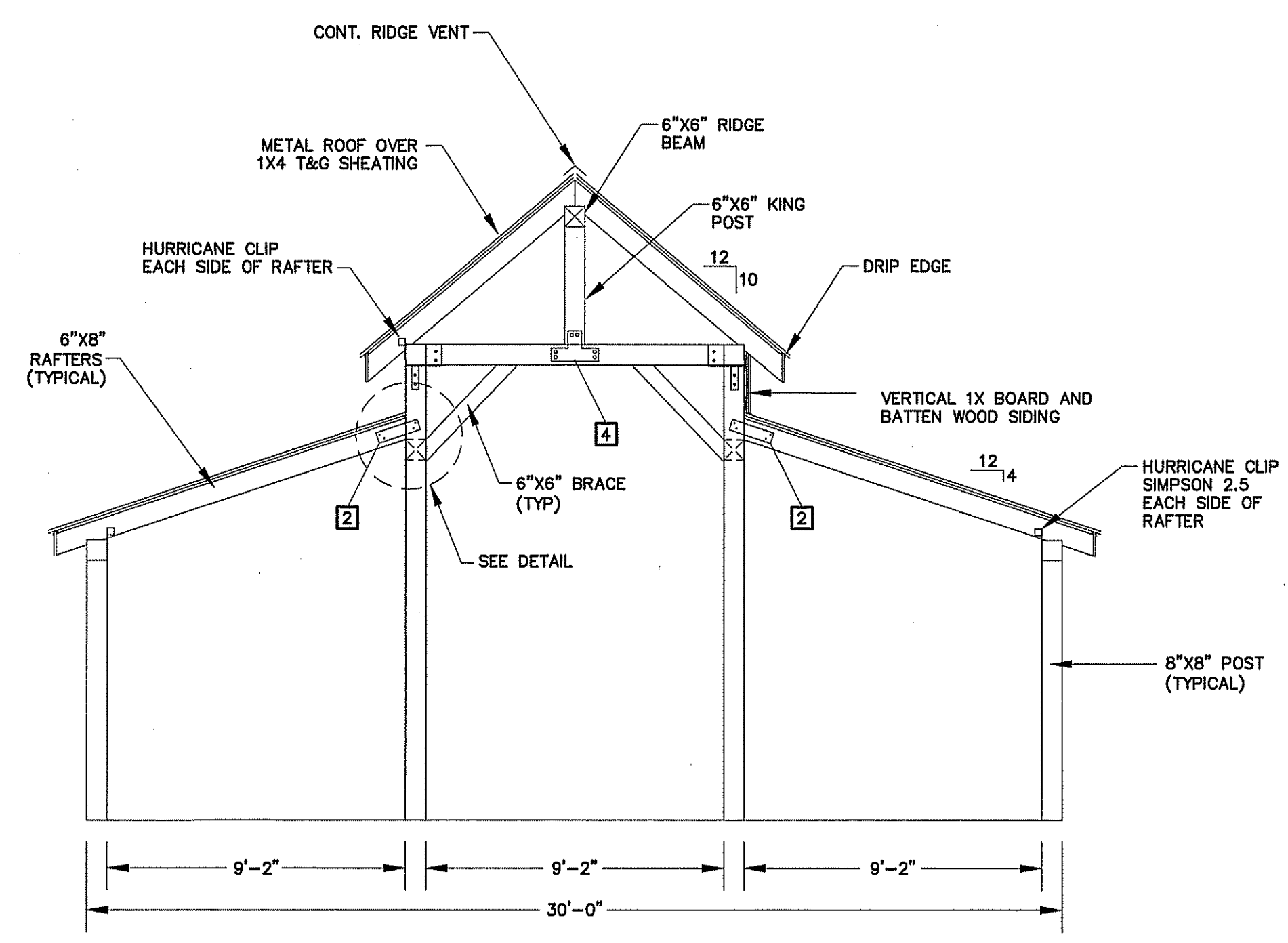
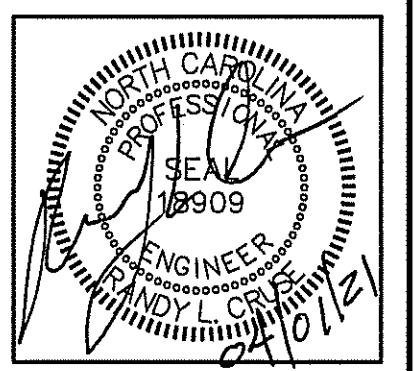
414 E. Bagston, St. 28354  
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PH: (919) 822-4433  
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LICENSE NO.: C-1721

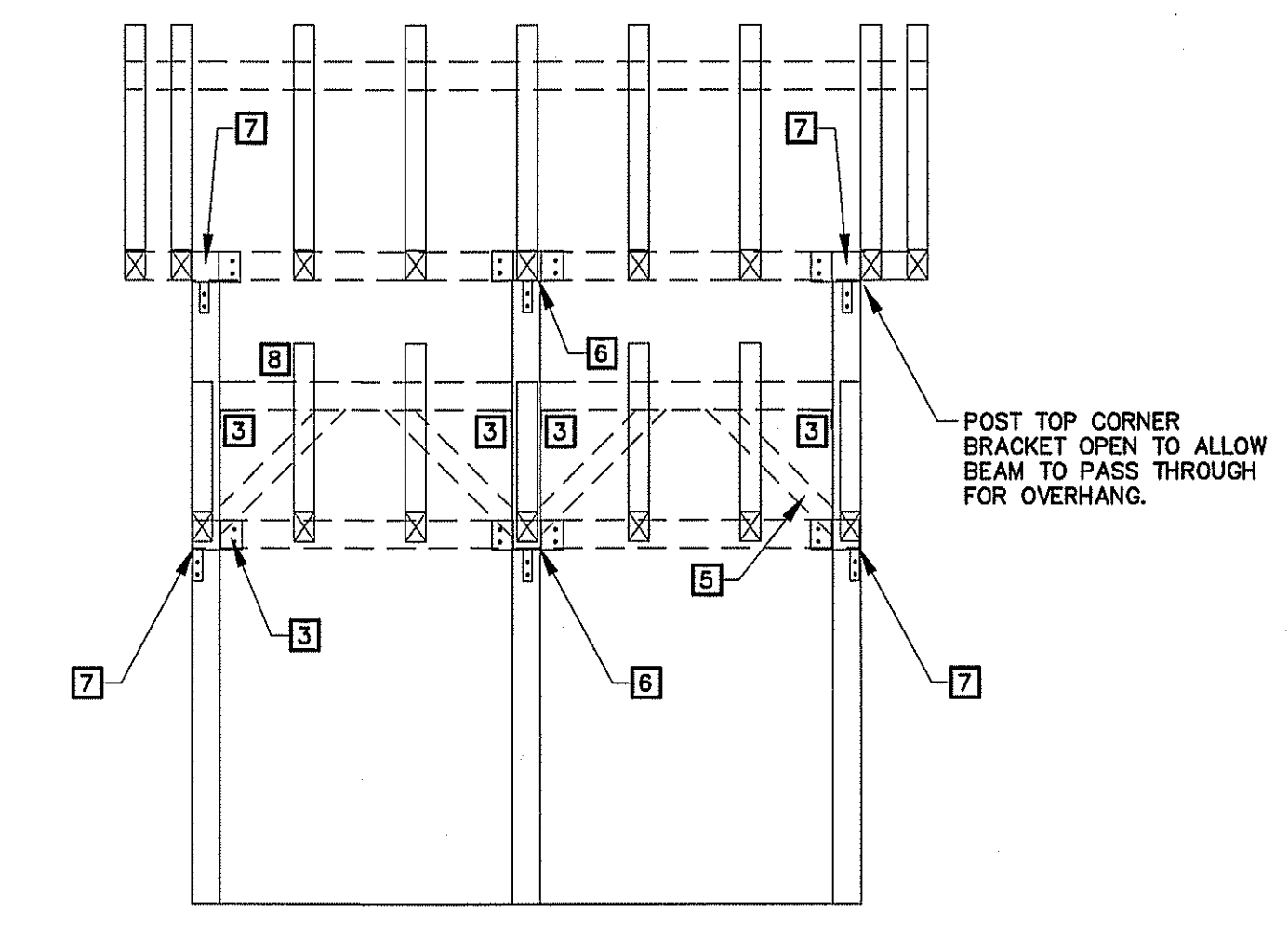
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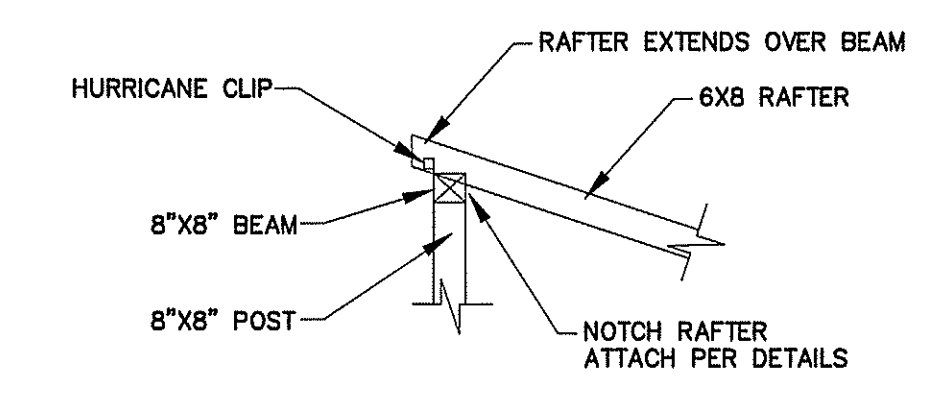
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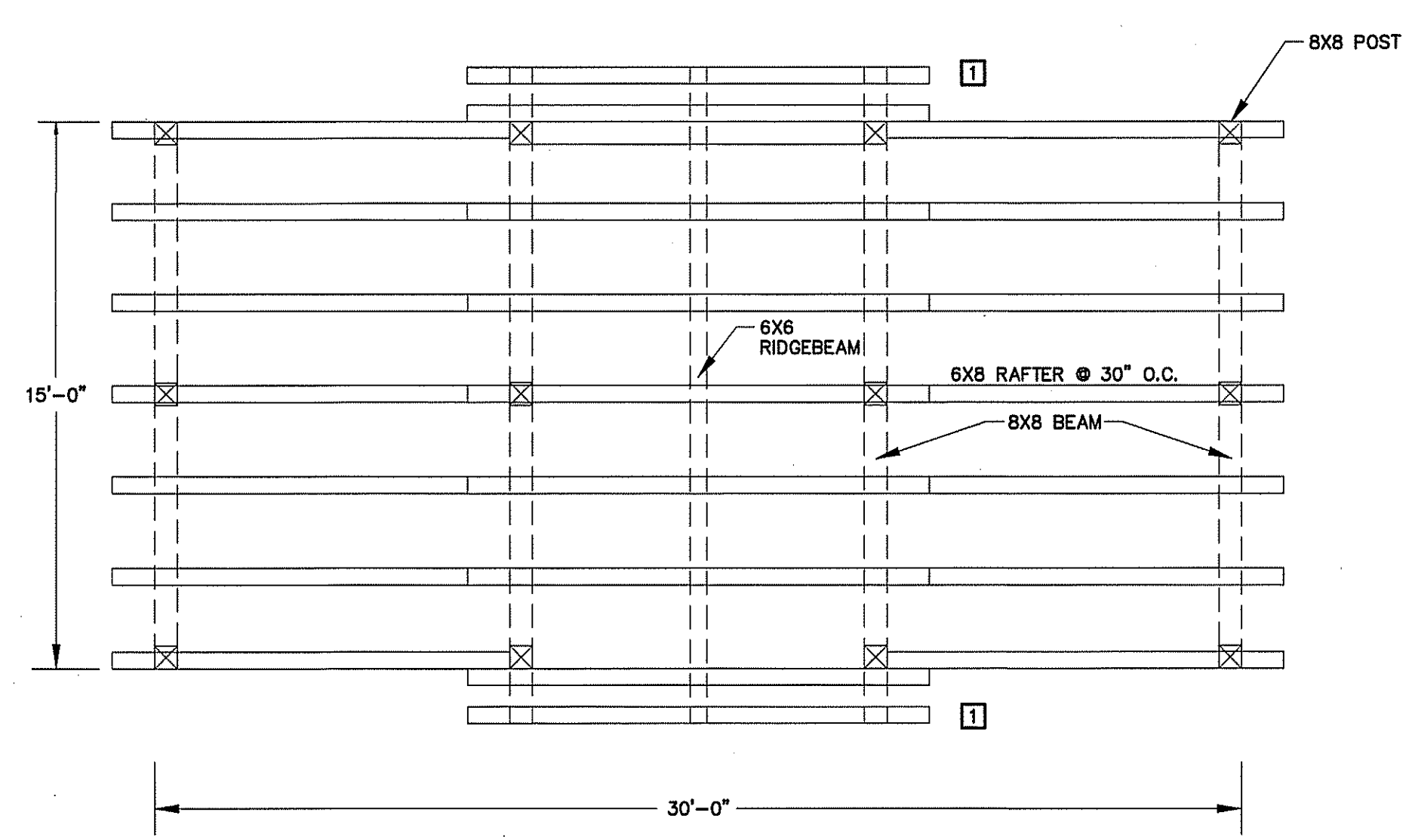
**FRONT VIEW-SECTION**  
SCALE: 1/4" = 1'-0"



**SIDE VIEW FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



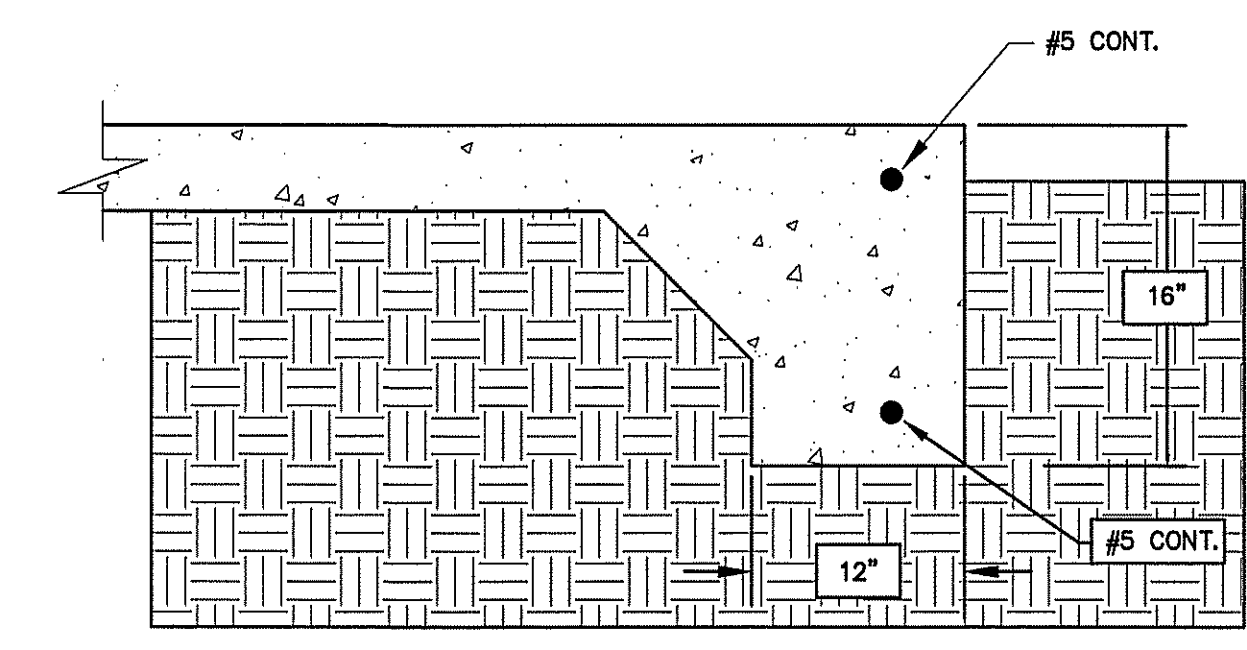
**LOWER ROOF RAFTER ATTACHMENT TO CENTER SECTION**  
SCALE: 1/4" = 1'-0"



**ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

**KEYNOTES:**

- 1 EXTEND BEAM 18" BEYOND POST FOR OVERHANG.
- 2 SIMPSON PS418 STRAP (EACH SIDE-BOLT THROUGH, 3/8" BOLTS)
- 3 6"x6"x1/4" ANGLE X 7" LONG BRACKET BOLT THROUGH POST WITH (2) 3/8" BOLTS SCREW INTO BEAM, (3) 6"x1/4"
- 4 SIMPSON "T" STRAP 1616HL
- 5 6"X 6" BRACE
- 6 SIMPSON COLUMN CAP, CCT
- 7 RAFTERS EXTEND OVER BEAM, SEE DETAIL
- 8 SIMPSON COLUMN CAP, ECCL88



**SECTION @ EDGE OF SLAB**  
NOT TO SCALE

PLANS FOR:  
NEIL AVERY  
POOL HOUSE  
228 ARMSTRONG ST., DUNN NC

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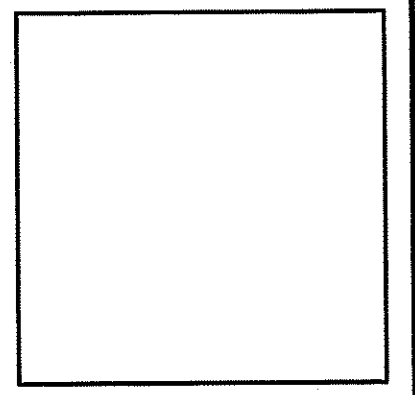
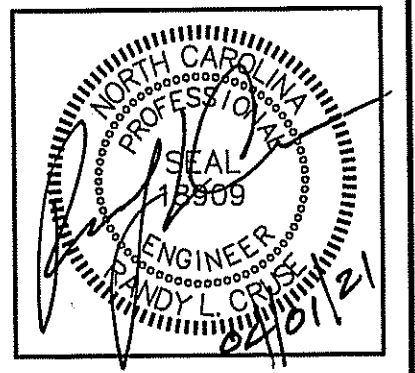
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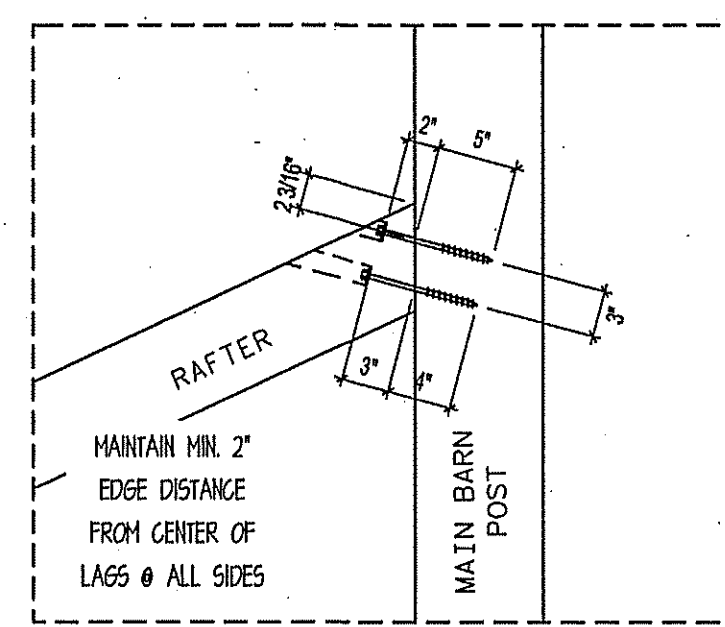
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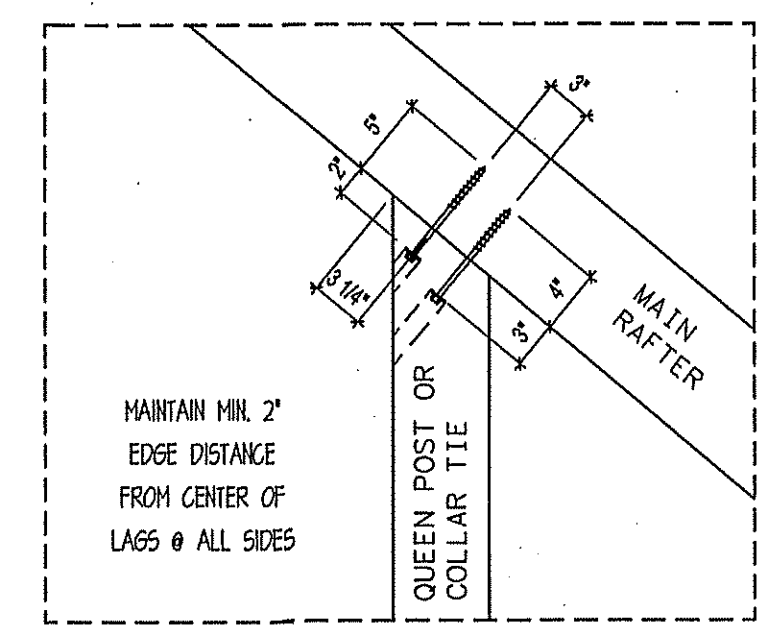
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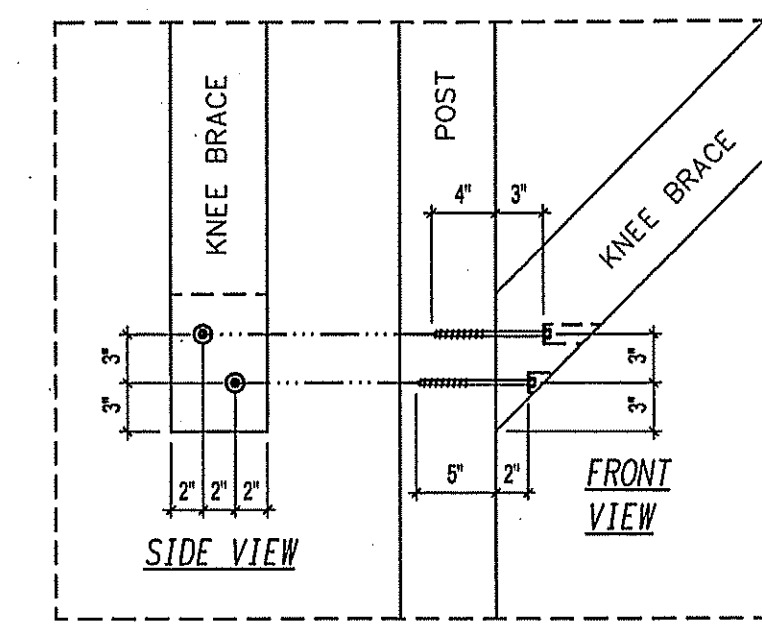
PLANS FOR:  
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**POOL HOUSE**  
 228 ARMSTRONG ST., DUNN NC



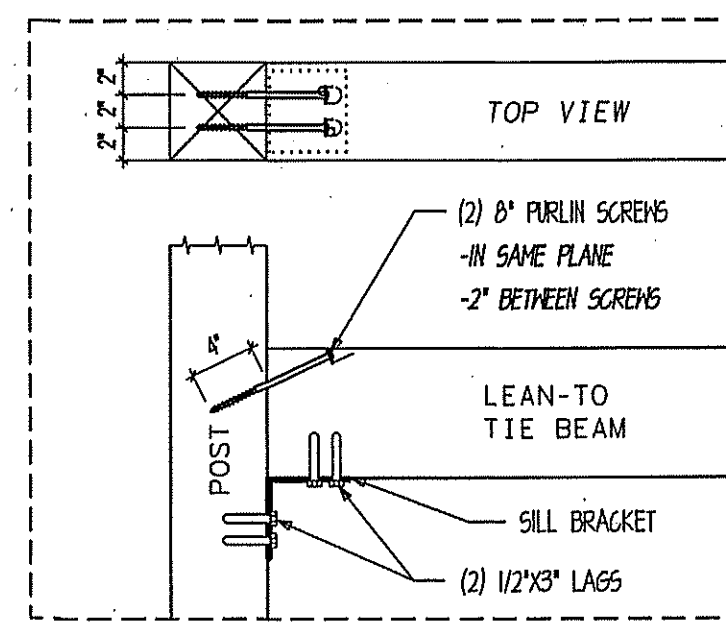
**LAG CONNECTION @  
 LEAN TO RAFTER TO  
 MAIN BARN POST**  
 SCALE: 1" = 1'



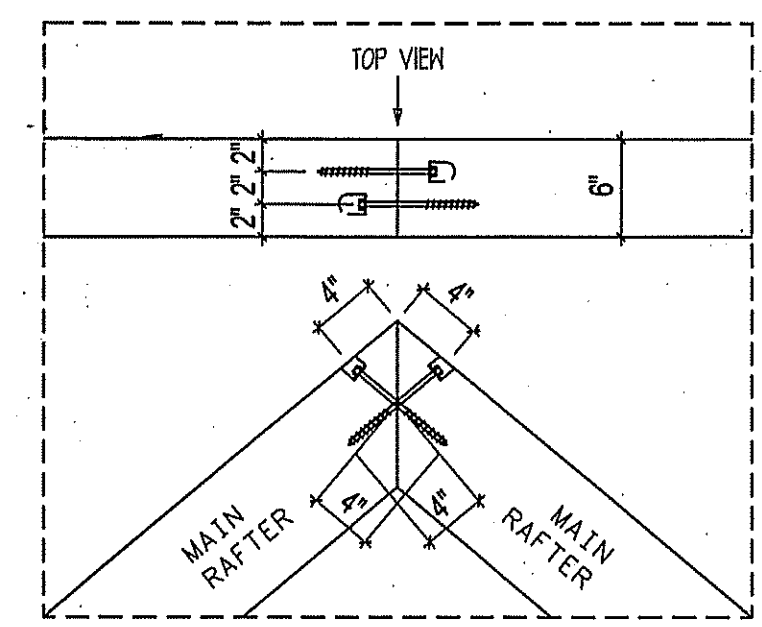
**LAG CONNECTION @  
 QUEEN POST OR COLLAR TIE**  
 SCALE: 1" = 1'



**LAG CONNECTION  
 @ KNEE BRACE**  
 SCALE: 1" = 1'



**SILL BRACKET CONN.  
 @ LEAN TO TIE BEAM**  
 SCALE: 1" = 1'



**LAG CONNECTION @  
 MAIN RAFTER PEAK**  
 SCALE: 1" = 1'

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**Cruse  
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