

#### FOUNDATION

1. ASSUMED SOIL LOAD BEARING CAPACITY=2,000 PSF.
2. MINIMUM 28 DAY  $F_c$  OF CONCRETE=3,000 PSI
3. FOUNDATIONS TO BE BUILT IN ACCORDANCE W/NCRC, 2018, CH. 4
4. FOOTING "TIE-IN" (IF APPLICABLE) SHALL BE (2) 16" LONG #4 EPOXY BONDED DOWELS HALF EMBEDDED MID-DEPTH INTO EXISTING FOOTINGS
5. ANCHOR BOLTS SHALL BE PER 403.1.6 2018 NCRC.

#### FLOOR FRAMING

1. ALL STICK FRAMED MEMBERS SHALL BE SPRUCE PINE FIR NO. 2 OR BETTER.
2. ALL ENGINEERED LUMBER (LVL, LSL, OR PSL) TO HAVE AN  $F_b=2600$  PSI;  $E=2 \times 10^6$  PSI.
3. ALL FLOOR FRAMING SHALL BE IN ACCORDANCE WITH CH. 6, NCRC 2018.
4. ALL I-JOIST FRAMING PER SUPPLIER'S SPECIFICATIONS AND LAYOUT.
5. ALL STRUCTURAL STEEL BE ASTM-A-36;  $F_y=36$  KSI.
6. ADD DOUBLE JOIST UNDER ALL WALLS PARALLEL W/ FLOOR JOISTS.

#### DRAINAGE

1. CONNECT ALL DOWNSPOUTS TO LEADER LINES THAT SLOPE AWAY FROM THE HOUSE FOR A MIN. OF 5'-0", TYP. @ ALL DOWNSPOUTS.
2. DAYLIGHT ALL FOOTER DRAINS MIN. 10'-0" AWAY FROM HOUSE, TYP.
3. GRADE TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS W/ A MIN. RATIO OF 6" WITHIN THE FIRST 10'-0", ALL SIDES, TYP.

#### WOOD DECK NOTES:

1. ALL LUMBER TO BE PRESSURE TREATED SPRUCE PINE FIR NO. 2 OR BETTER.
2. BAND ATTACHMENTS TO BE INSTALLED PER NCRC 2018, APPENDIX M (AM 14.1(1))
3. INSTALL LATERAL BRACING PER AM 109.1
4. INSTALL HANDRAILS PER AM 111.1
5. MAX POST HEIGHTS PER AM 108.1
6. STAIR STRINGERS PER AM 110.1

#### SCREENED IN AND COVERED PORCH NOTES:

1. ALL WOOD DECK NOTES APPLY.
2. POSTS TO BE ATTACHED TO FOOTINGS, SLAB OR CMU PIERS USING ABU44 OR ABU66 POST BASE (OR APPLICABLE SIZE).
3. UPLIFT FOR POSTS TO HEADERS MAY BE EITHER (2) SIMPSON LCE4, (2) SIMPSON GA2 CLIPS WITH 3" LONG #9 SCREWS OR (4) 1/4"Ø, 5" LONG LedgerLoks DRIVEN AT A 45° ANGLE TO EACH SIDE OF POSTS OR NOTCHED 50% WIDTH W/ (2) LedgerLoks.
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Scale: 3/8" = 1'-0"

\*Print on 24" x 36" Paper\*

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FOR:



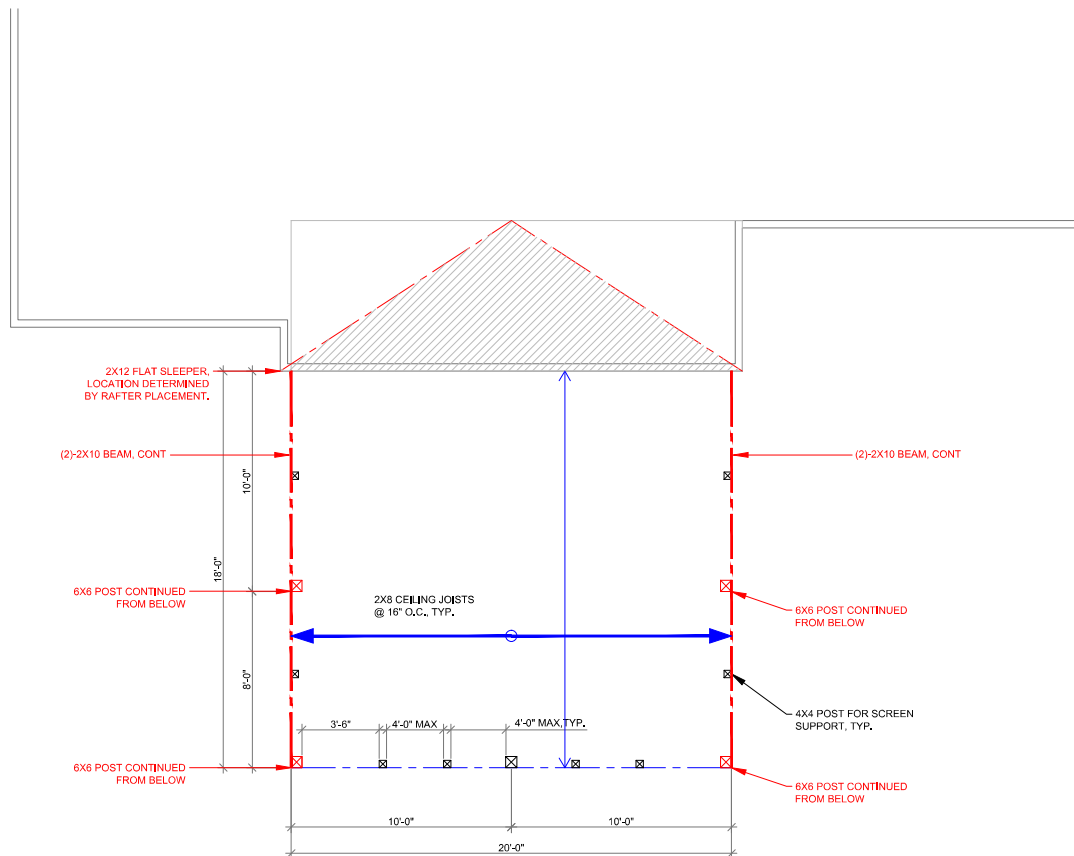
Project: Porch Addition  
Address: 112 Chesapeake Road  
City, Cameron, NC 28326  
ST Zip:  
Customer: Jonathan Beasley

2-April-2025

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FOUNDATION  
AND FLOOR  
FRAMING PLAN

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A1.1



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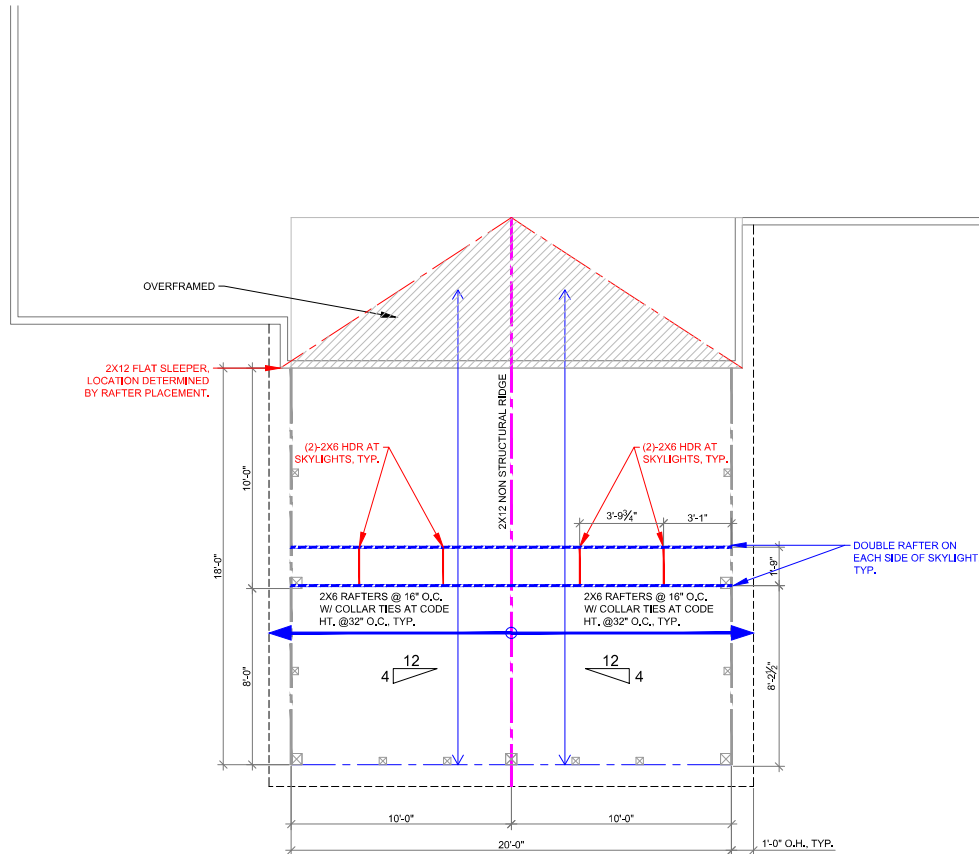
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Page Title:

CEILING  
FRAMING PLAN

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A1.2



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ROOF FRAMING  
PLAN

A1.3

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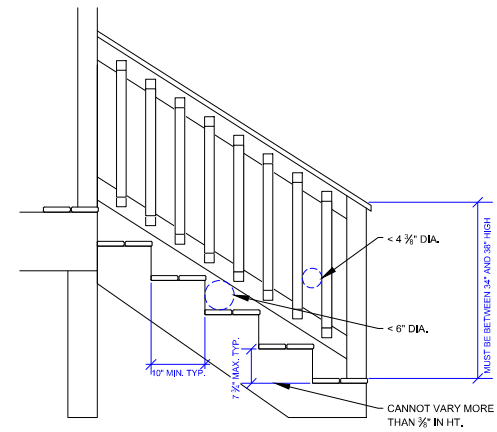
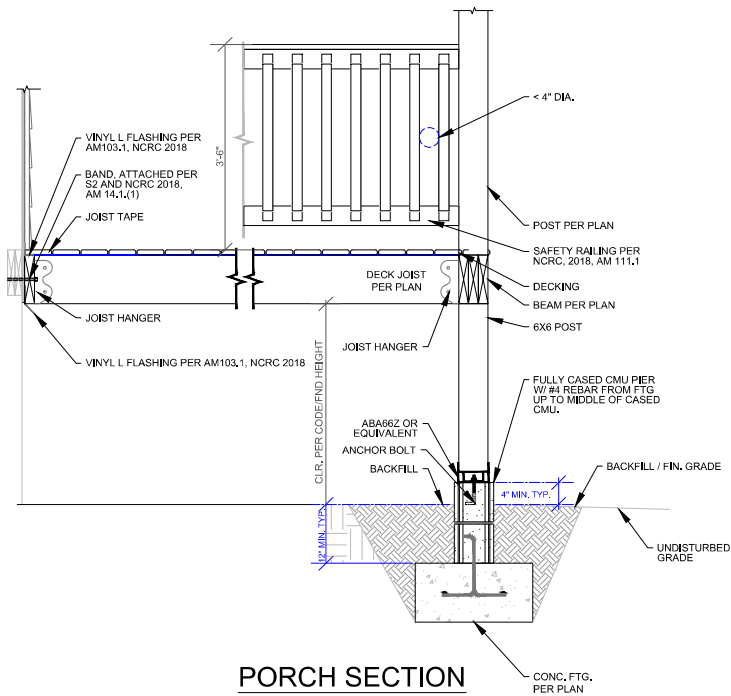
ELEVATION  
VIEW

A2.1

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Page Title:

TYPICAL  
SECTION VIEWS

A3.1

Scale: 1" = 1'-0"

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