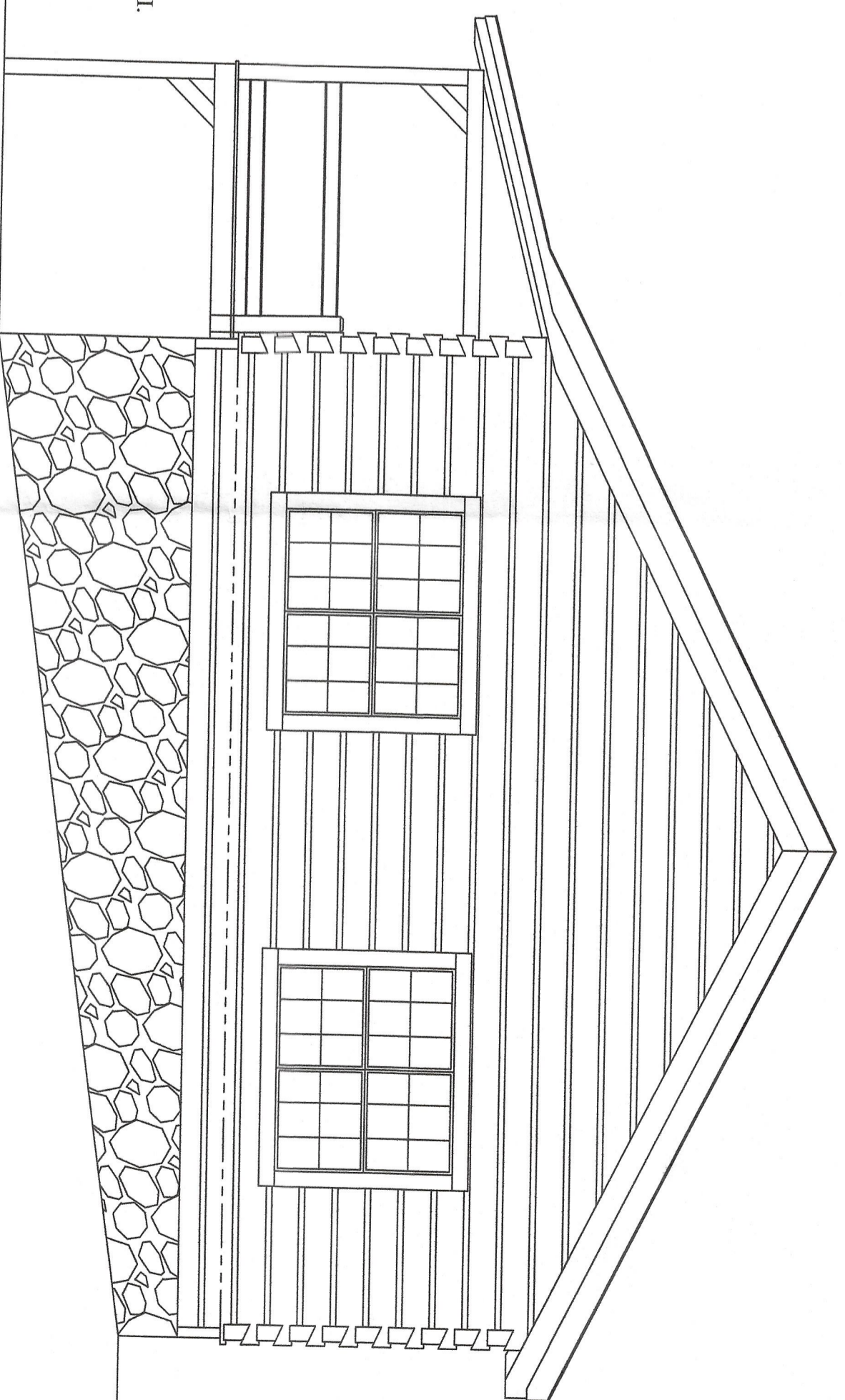
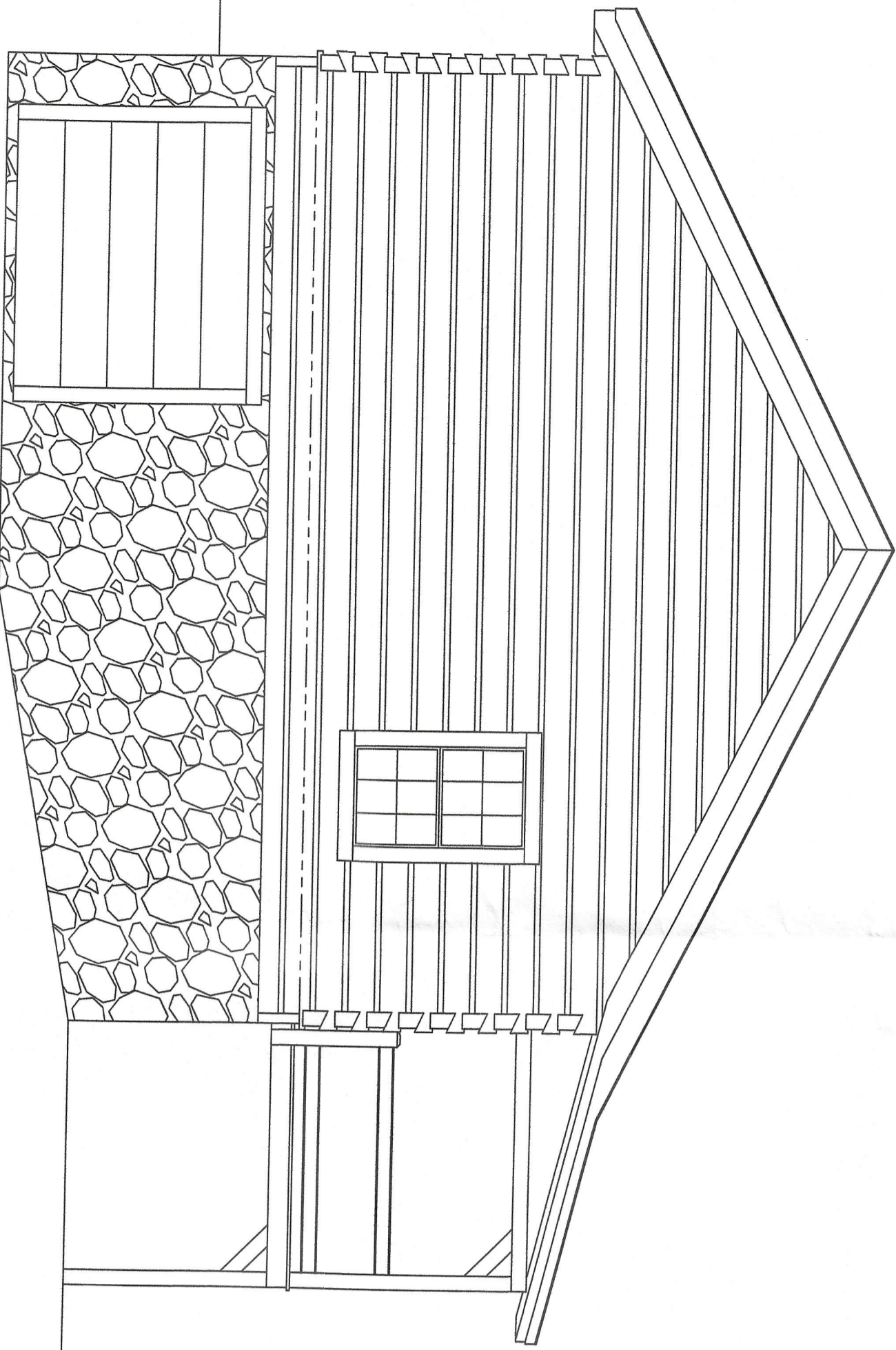


- GENERAL NOTES**
- WHERE A DETAIL IS SHOWN FOR ONE CONDITION IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY MARKED ON THE DRAWINGS.
  - DETAILS SHOWN ARE TYPICAL AND APPLY TO SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
  - THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
  - BRACE STRUCTURE AS REQUIRED FOR CONSTRUCTION AND WIND LOADS UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED.
- FOUNDATION AND SOIL PREPARATION NOTES**
- BACKFILL AGAINST WALLS SHALL BE DEPOSITED EVENLY AGAINST BOTH SIDES OF THE WALL UNTIL THE LOWER FINAL GRADE IS REACHED. DO NOT BACKFILL WALLS UNTIL FLOOR FRAMING IS COMPLETE.
  - CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OR SHORING FOR ALL WORK DURING THE CONSTRUCTION PERIOD.
  - THE FOUNDATION DESIGN IS BASED ON THE ASSUMED ALL OVERLIE SOIL BEARING PRESSURE OF 3500 POUNDS PER SQUARE FOOT. BEARING STRUCTURE FOR FOOTINGS SHALL BE VERIFIED IN FIELD BEFORE PLACING CONCRETE FOOTINGS.
  - GRADE OF ALL FOOTINGS SHALL BE A MINIMUM OF 12 INCHES BELOW FINAL FINISHED GRADE.
  - BEAR ALL FOOTINGS ON COMPACTED STRUCTURAL FILL OR NATIVE UNDISTURBED SOIL.
  - INSPECT AND CONFIRM EXISTING FOUNDATIONS AND WALLS ARE ACCEPTABLE CONDITION.
- CAST-IN-PLACE CONCRETE NOTES**
- CONCRETE FOR FOOTINGS, SLABS, AND WALLS SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 3,000 PSI.
  - BASEMENT WALLS & FOUNDATIONS BY SUPERIOR WALLS.
  - REINFORCING STEEL SHALL BE DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 60. #4 REINFORCEMENT BARS AND #3 BARS SHALL BE PERMITTED WHEN BENDING IS REQUIRED. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A82 AND A185.
  - PROVIDE CORNER BARS IN STRIP FOOTINGS. THE SAME SIZE AND NUMBER AS CONTIGUOUS.
  - WHERE REQUIRED, STEP NEW FOOTINGS UP OR DOWN IN RATIO OF THE TWO HORIZONTALS TO COORDINATE STEP DIMENSIONS WITH ADJACENT FOOTINGS. THE DOWNER IS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWNER TO WITHIN 2" OF TOP OF FOOTING. TERMINATED WITH ACI STD. 90 DEGREE HOOK, UNLESS OTHERWISE NOTED.

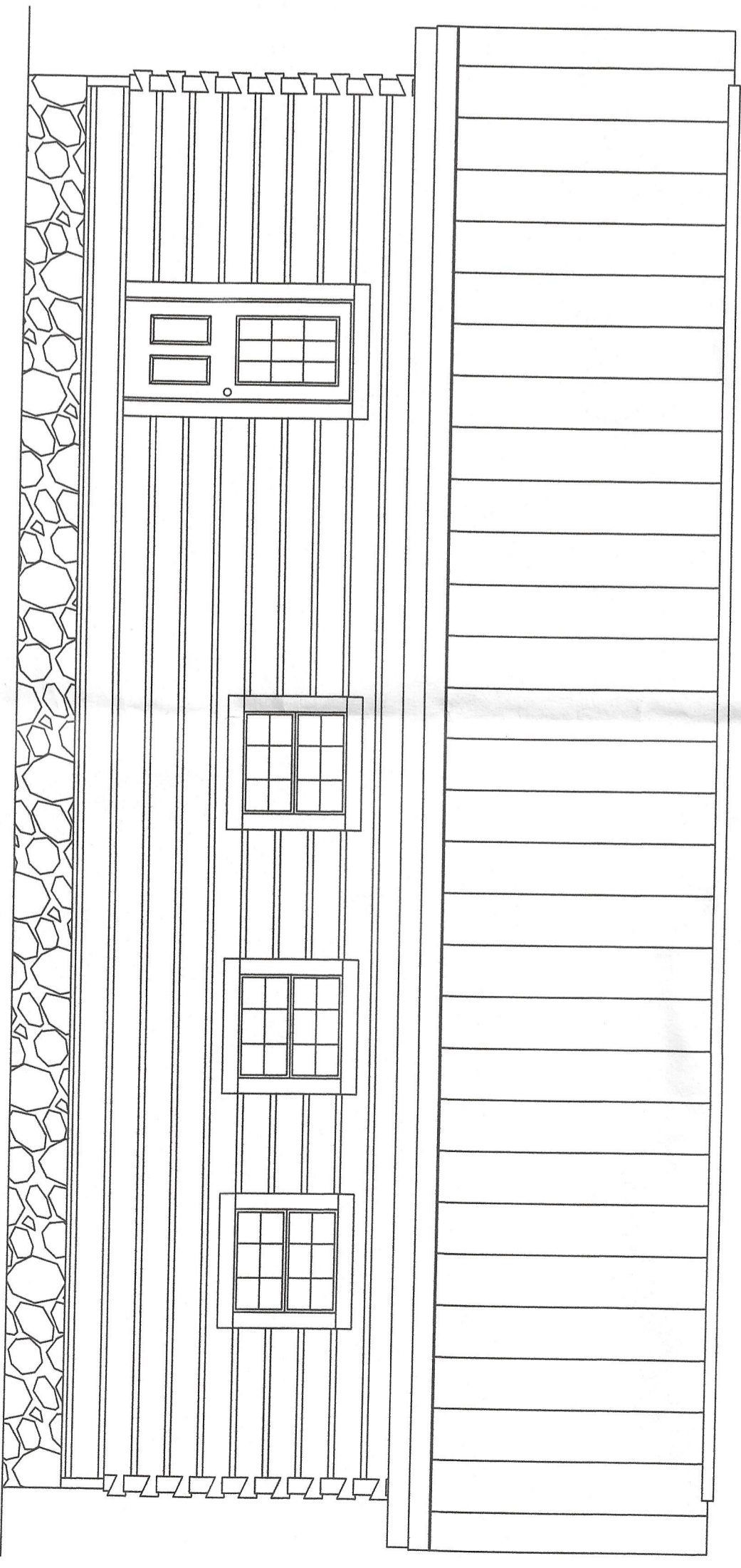


- WOOD NOTES**
- LOG HOME STRUCTURAL MEMBERS SHALL BE NO. 1 EASTERN WHITE PINE.
  - DIMENSIONAL LUMBER SHALL BE NO. 2 SPF EXCEPT THAT STUDS SHALL BE NO. 1 SPF.
  - LVL MEMBERS SHALL BE GRADE 2.0E UNLESS NOTED OTHERWISE.
  - INTERIOR WALLS SHALL BE 1/2" GYPSUM BOARD EACH SIDE W/ 5d NAILS @ 7" O.C. ON EDGES & 7" O.C. INTERIOR (MIN.).
- BUILDING CODE**
- DESIGN IS BASED ON THE 2018 NORTH CAROLINA RESIDENTIAL CODE.



- DESIGN LOADS**
- BUILDING RISK CATEGORY = 2**
- ROOF DEAD LOAD = 20 PSF
- ROOF LIVE LOAD = 20 PSF
- SNOW LOAD**
- GROUND SNOW LOAD (ASCE 7-16) = 10 PSF
- HOUSE SNOW LOAD (HEATED) = 7 PSF
- PORCH ROOF (w/ SLIDING) = 15 PSF
- FLOOR LOADS: SLEEPING = 30 PSF**
- OTHER = 40 PSF
- WIND DESIGN DATA:**
- WIND SPEED (ASCE7-16) = 119 MPH
- WIND EXPOSURE FACTOR = 1.0
- WIND PROTECTION COEFFICIENT = 0.85
- INTERNAL PRESSURE COEFFICIENTS = +0.18
- COMPONENTS AND CLADDING = PER ASCE 7
- EARTHQUAKE DESIGN DATA:**
- SEISMIC IMPORTANCE FACTOR = 1.0
- MAPPED SPECTRAL RESPONSE ACCELERATIONS: Ss = 0.140
- SI = 0.068
- SITE CLASS = D
- DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS: Sds = 0.150
- SD1 = 0.108
- SEISMIC DESIGN CATEGORY = D
- BASIC SEISMIC-FORCE-RESISTING SYSTEM: FRAMED WALLS OF OTHER MATERIALS
- RESPONSE MODIFICATION FACTOR: R=2
- SEISMIC RESPONSE COEFFICIENT: Cs = 0.032
- SHEAR LOAD @ BASE OF GROUND FLOOR WALLS = 100 LB/FT
- ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE METHOD
- ALLOWABLE SOIL BEARING PRESSURE ASSUMED: 2500 PSF
- FROST DEPTH (HARRETT CO.): 12"

The  
Log Home Place.<sup>®</sup> inc  
By BATTLE CREEK<sup>®</sup>  
LOG HOMES



# NORRIS RESIDENCE

# NORRIS RESIDENCE

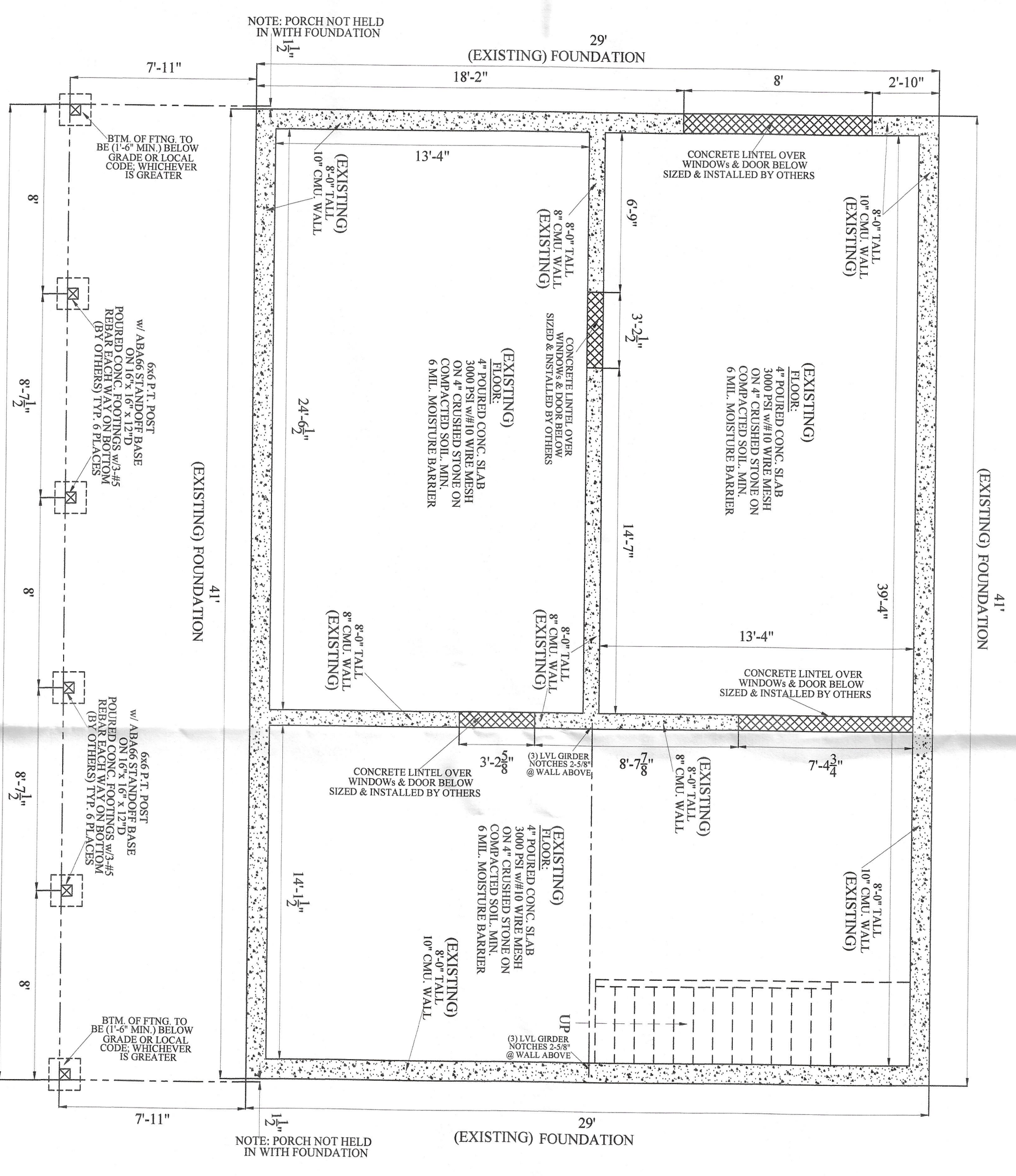
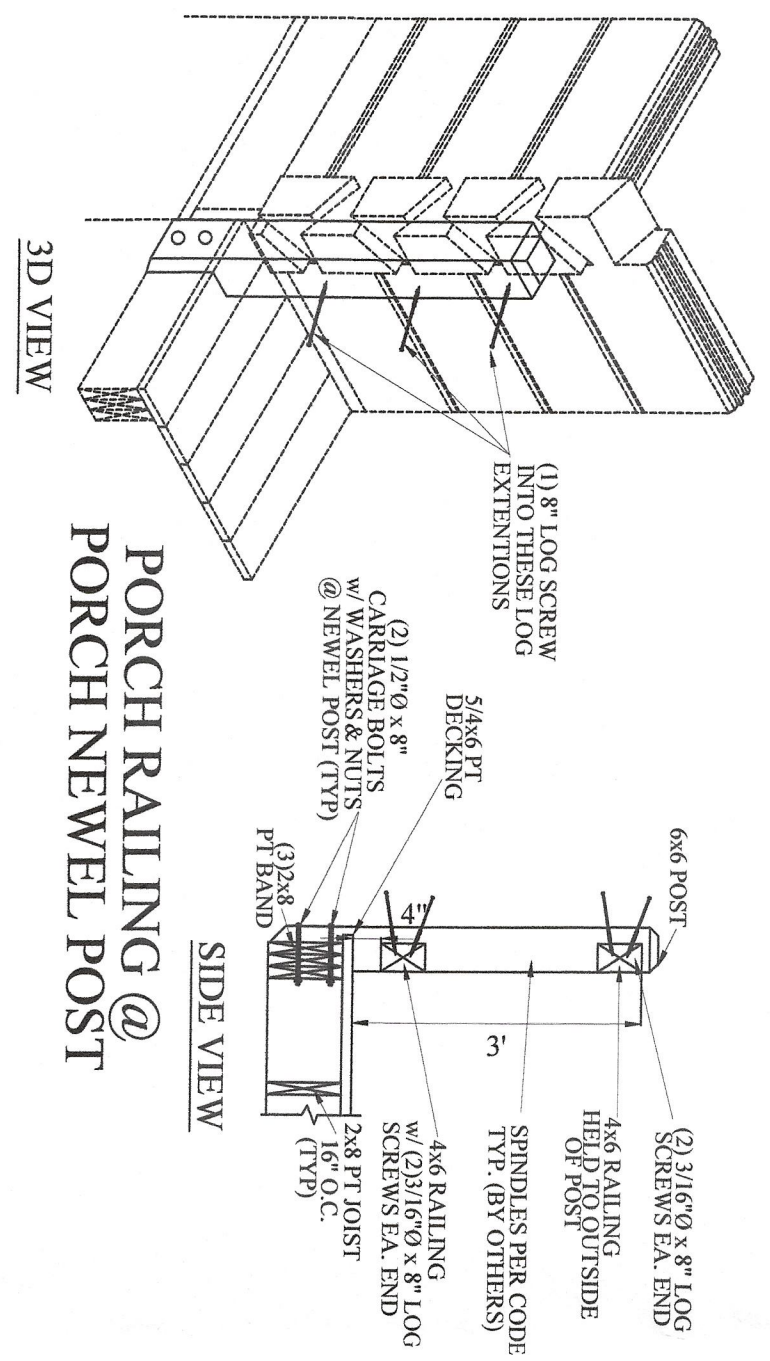
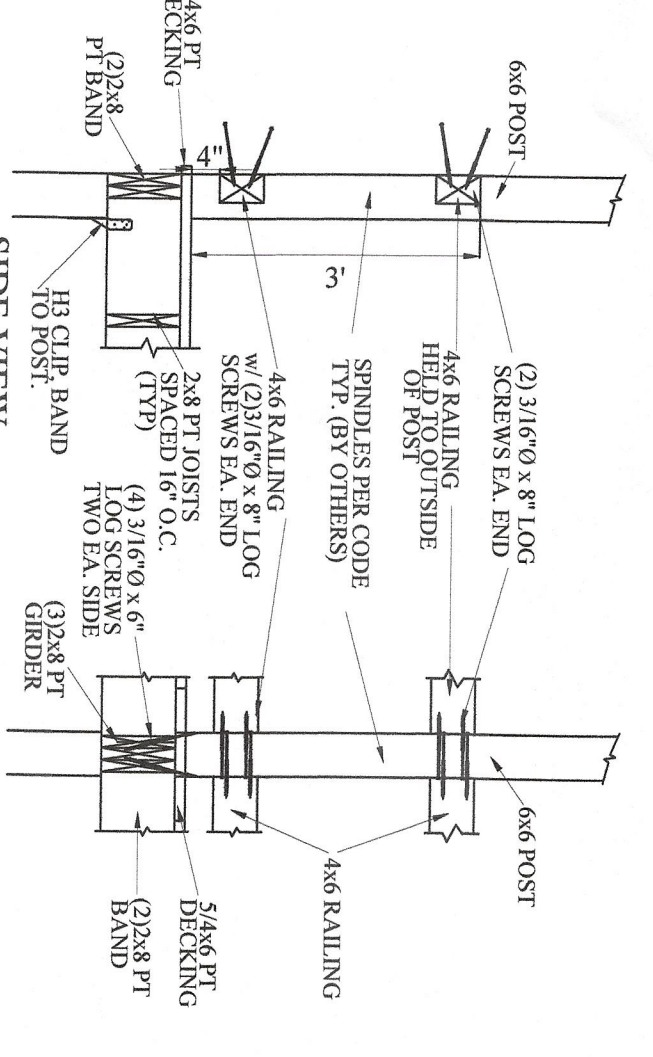
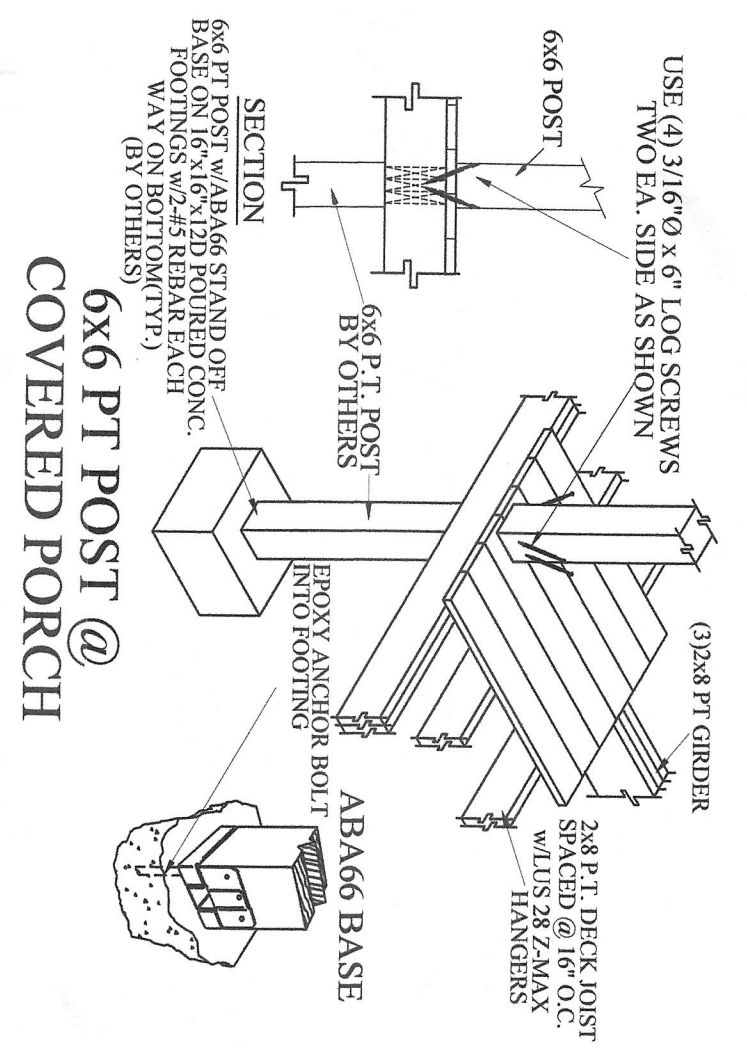
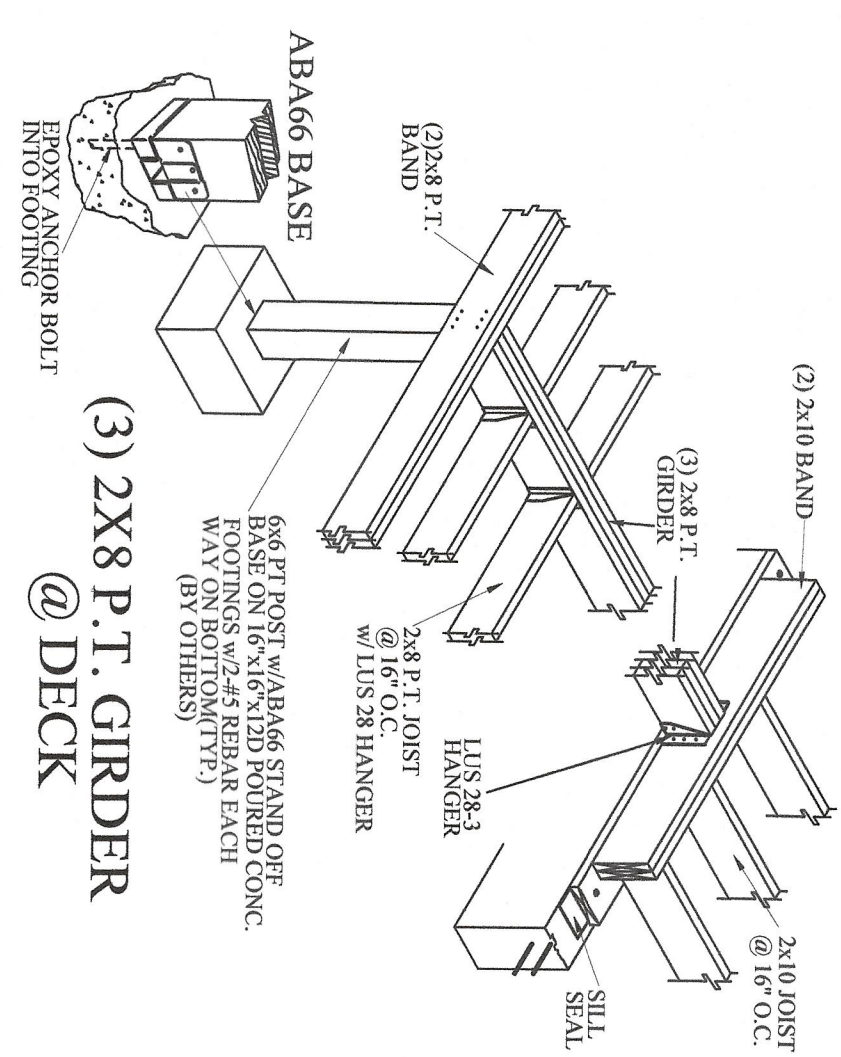
THE SEAL & SIGNATURE  
AFFIXED IS APPLICABLE  
FOR STRUCTURAL DESIGN  
OF FRAMING & NEW FOUNDATIONS

**bennett & pless** 

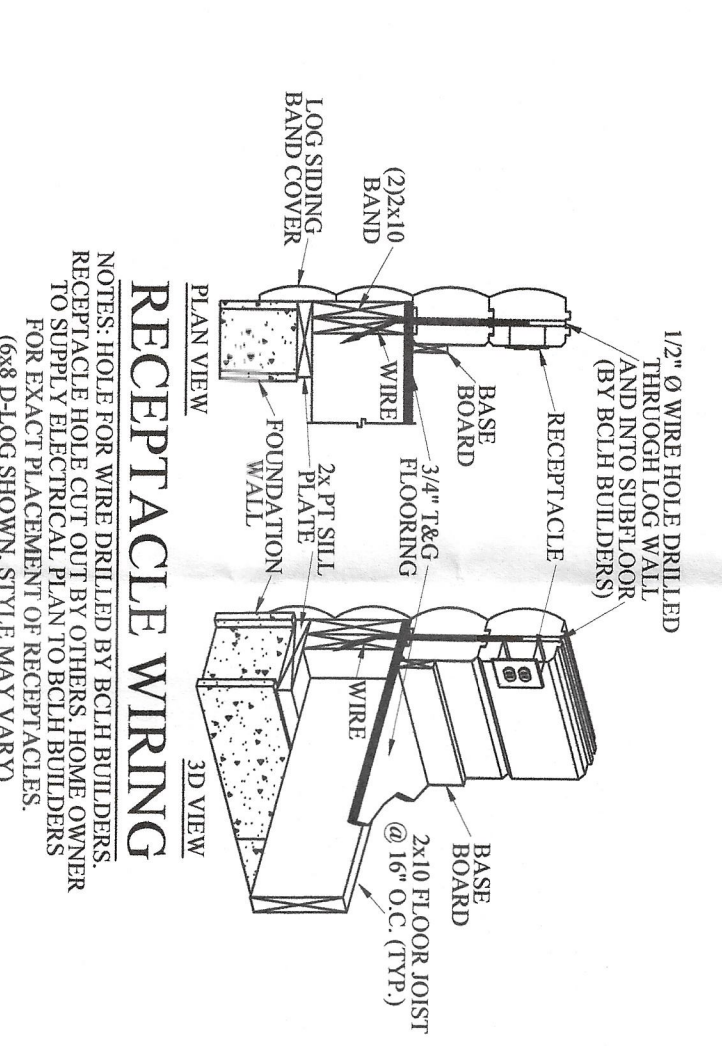
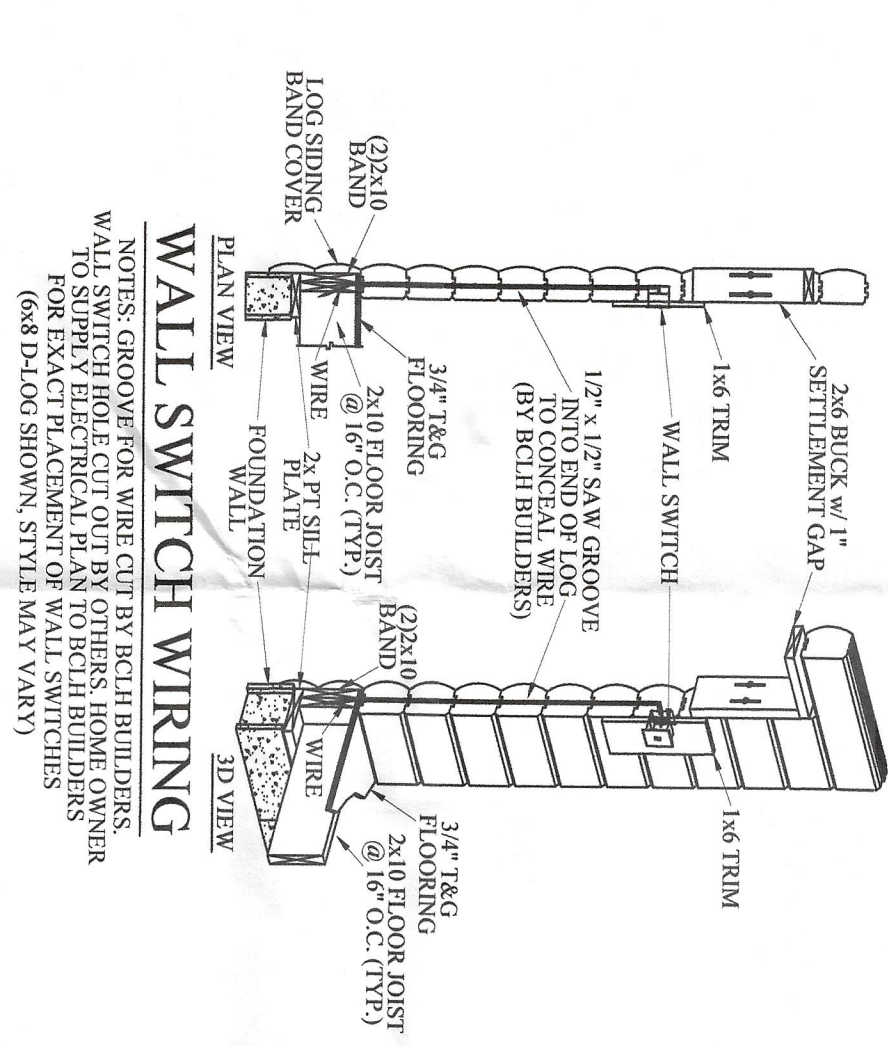
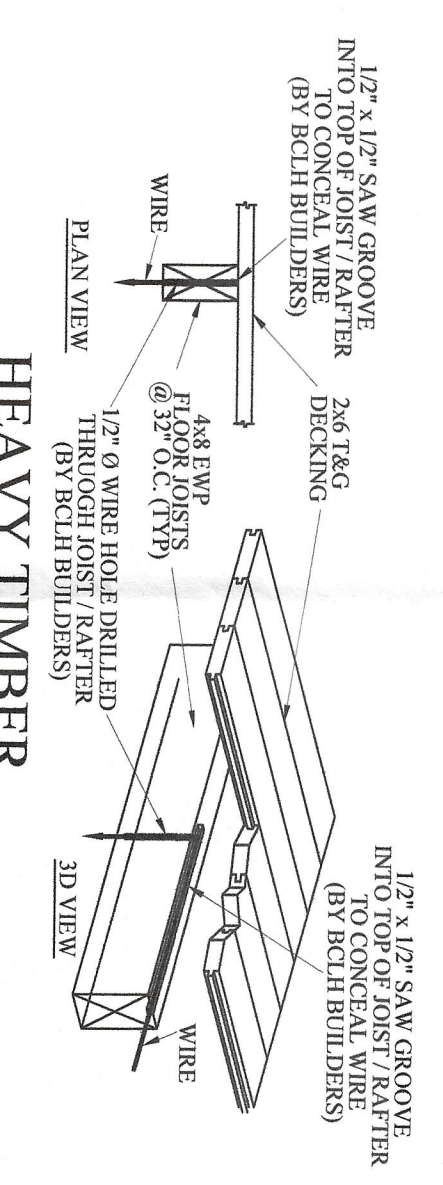
Experience. Structural Expertise.







**EXISTING FOUNDATION PLAN**



**bennett&piess**  
Experience Structural Expertise

THE SEAL & SIGNATURE AFFIXED IS APPLICABLE FOR STRUCTURAL DESIGN OF FRAMING & NEW FOUNDATIONS

**Professional Engineer Seal**  
NORTH CAROLINA  
18408  
12/13/04  
A. STEINER

**BATTLE CREEK LOG HOMES**  
THE LOG HOME PLACE  
9955 LADDS COVE RD.  
SO. PITTSBURG, TN 37280  
PHONE #: 1-800-326-8045  
FAX #: 423-837-8045  
www.battlecreekloghomes.com

**The Log Home Place**  
By **BATTLE CREEK**  
LOG HOMES

**DISCLAIMER:**  
WHILE EVERY EFFORT HAS BEEN MADE TO PREVENT ERRORS OR OMISSIONS WHILE PREPARING THESE DRAWINGS, THE CONTRACTOR MUST RECHECK ALL DIMENSIONS AND DIMENSIONS AND BE RESPONSIBLE FOR SAME.

**COPYRIGHT:**  
THESE DRAWINGS ARE THE PROPERTY OF BCLH. ANY USE, REUSE, REPRODUCTION, DISPLAY OR SALE OF THESE DRAWINGS WITHOUT THE EXPRESS WRITTEN CONSENT OF BCLH IS STRICTLY PROHIBITED.

RESIDENCE FOR:  
**RAY NORRIS**  
LINDEN, NC

DRAWN BY: DWH  
DATE: 12/03/24  
SCALE: 1/4" = 1'-0"

| # | REVISION / ISSUE | DATE |
|---|------------------|------|
|   |                  |      |

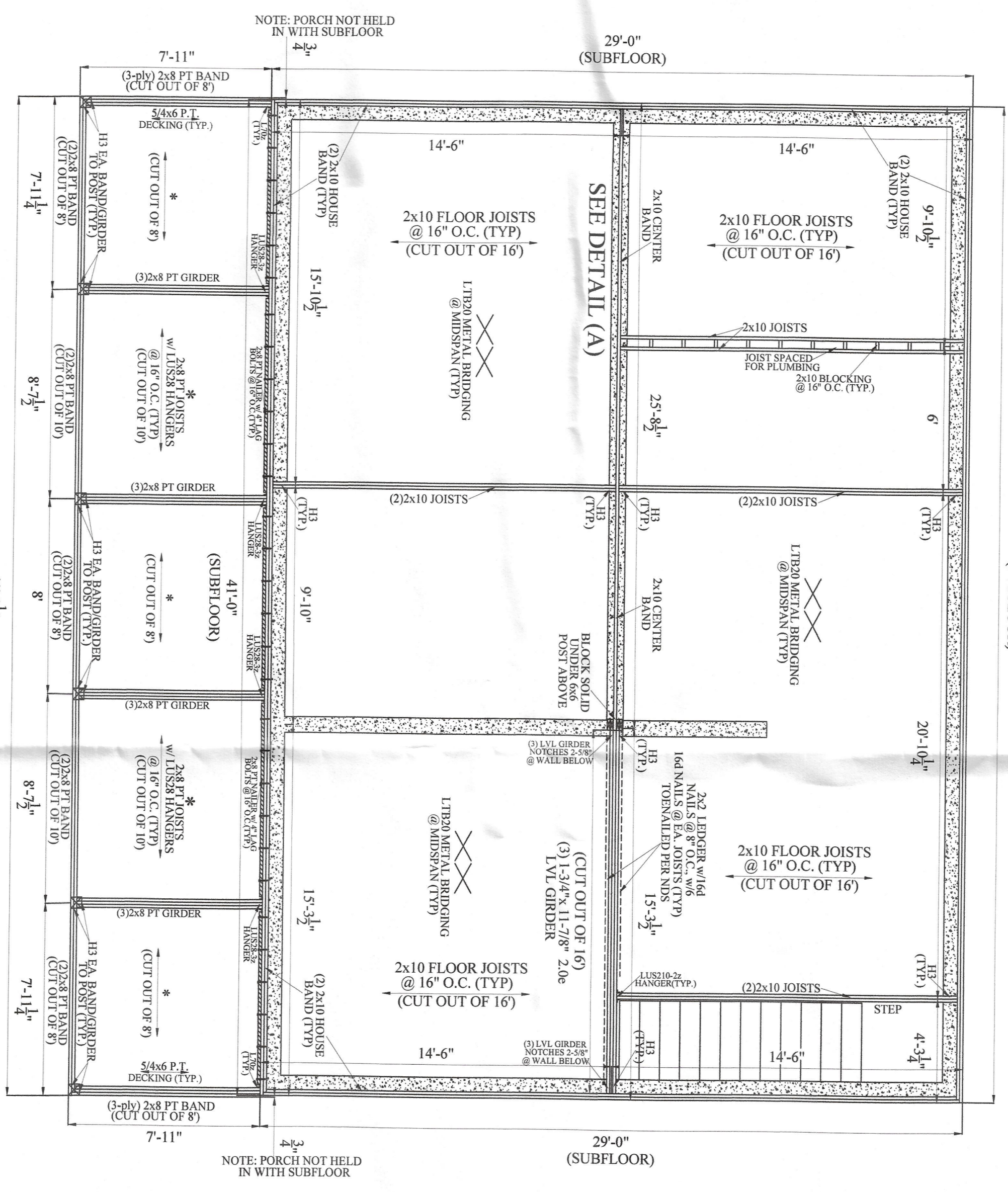
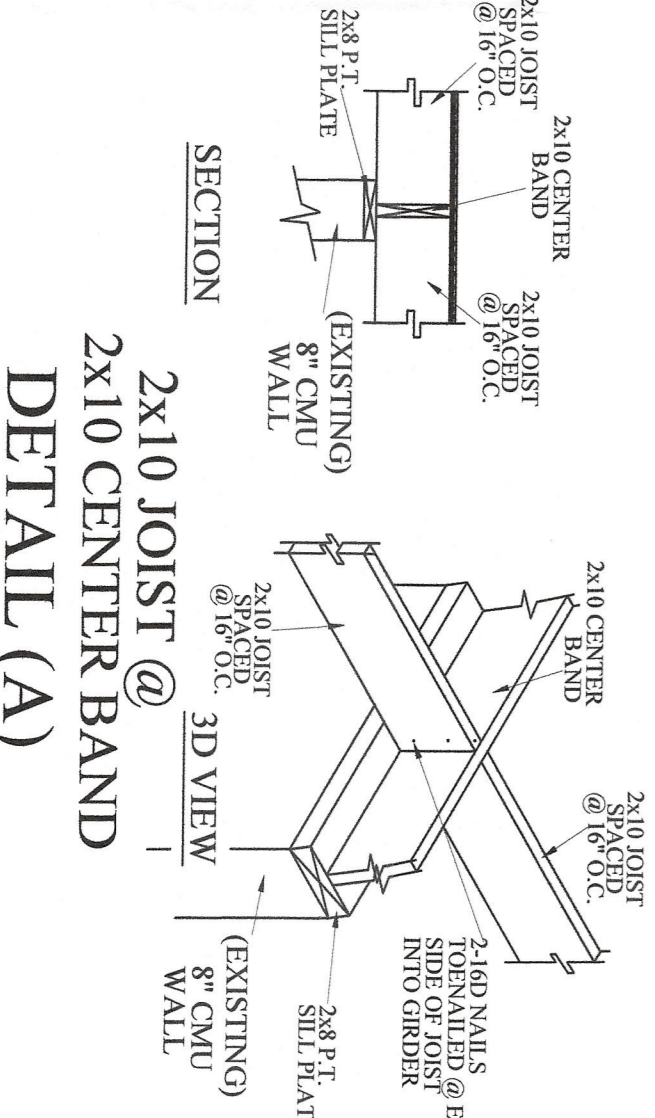
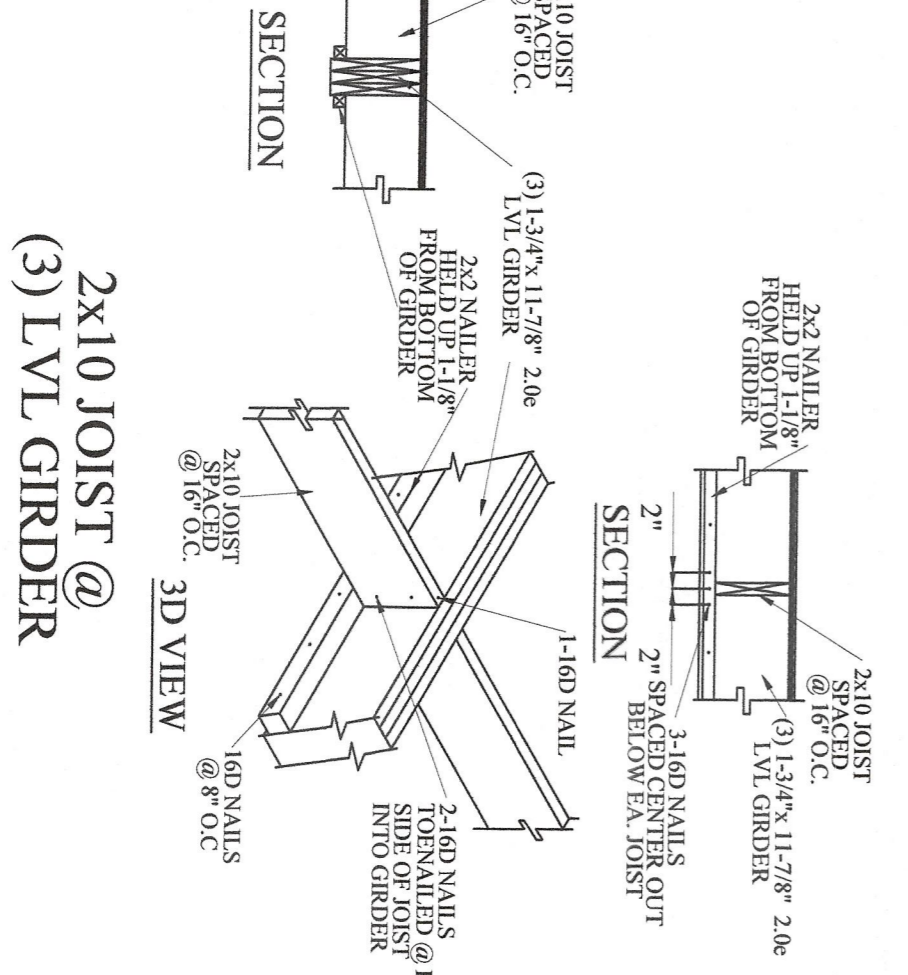
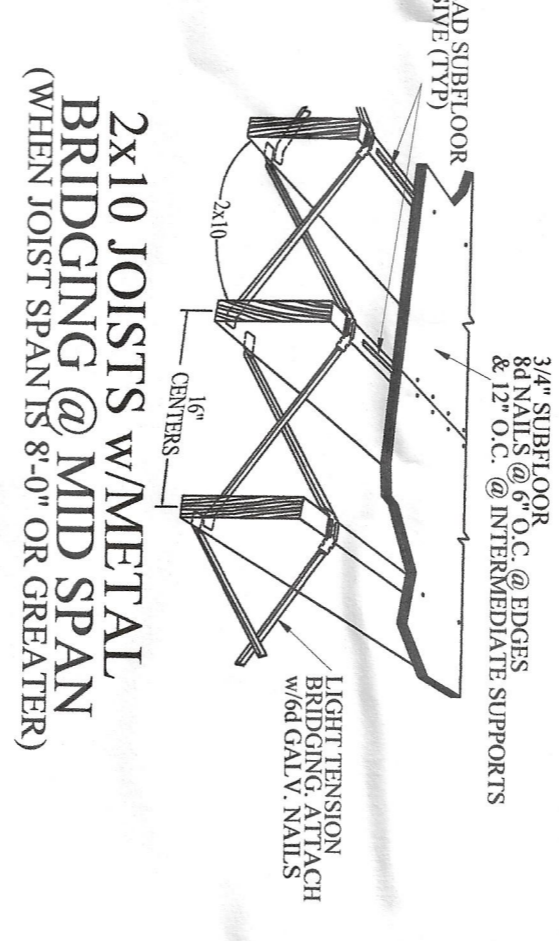
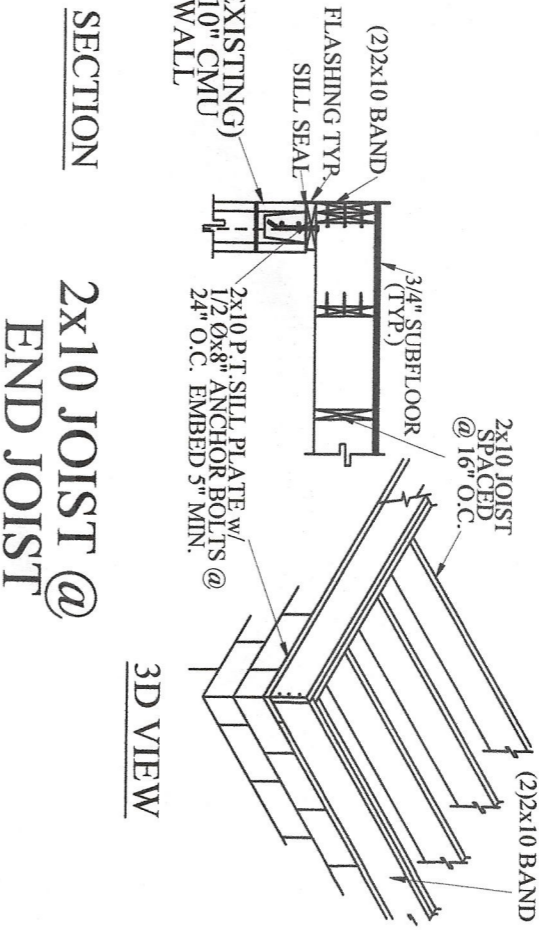
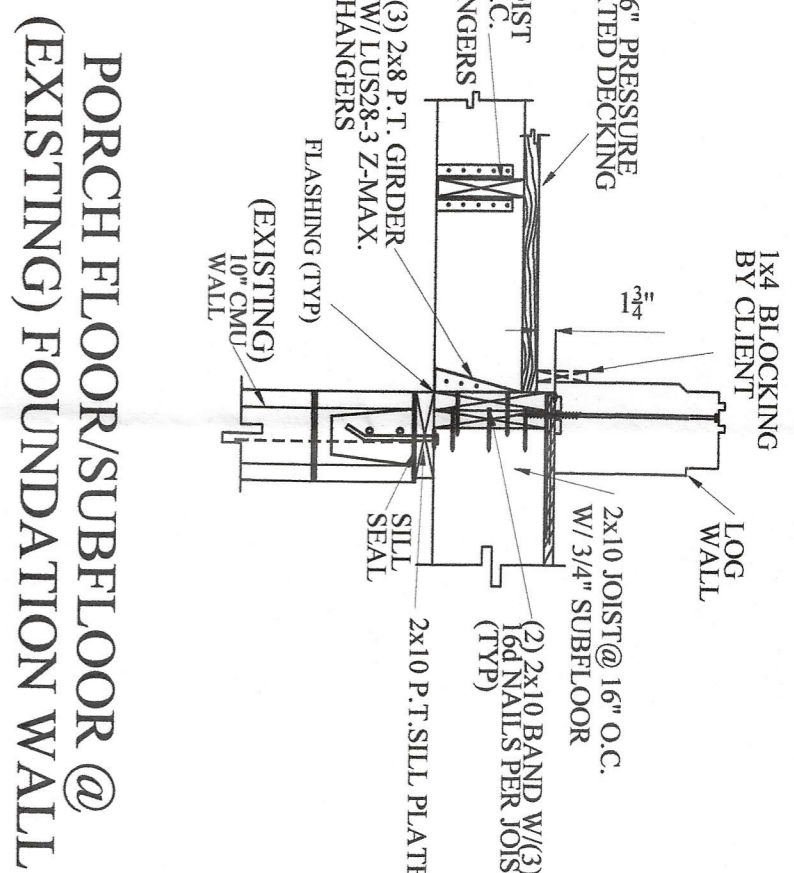
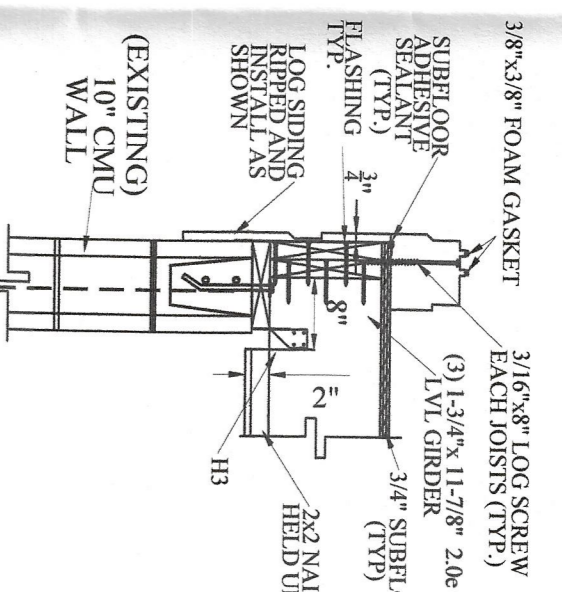
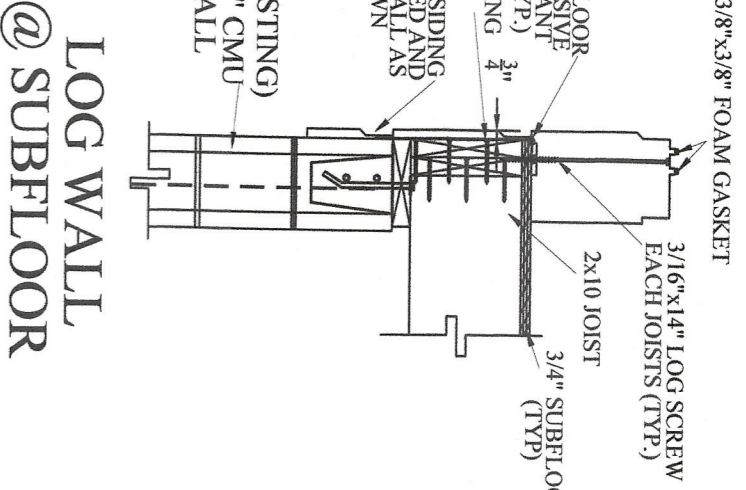
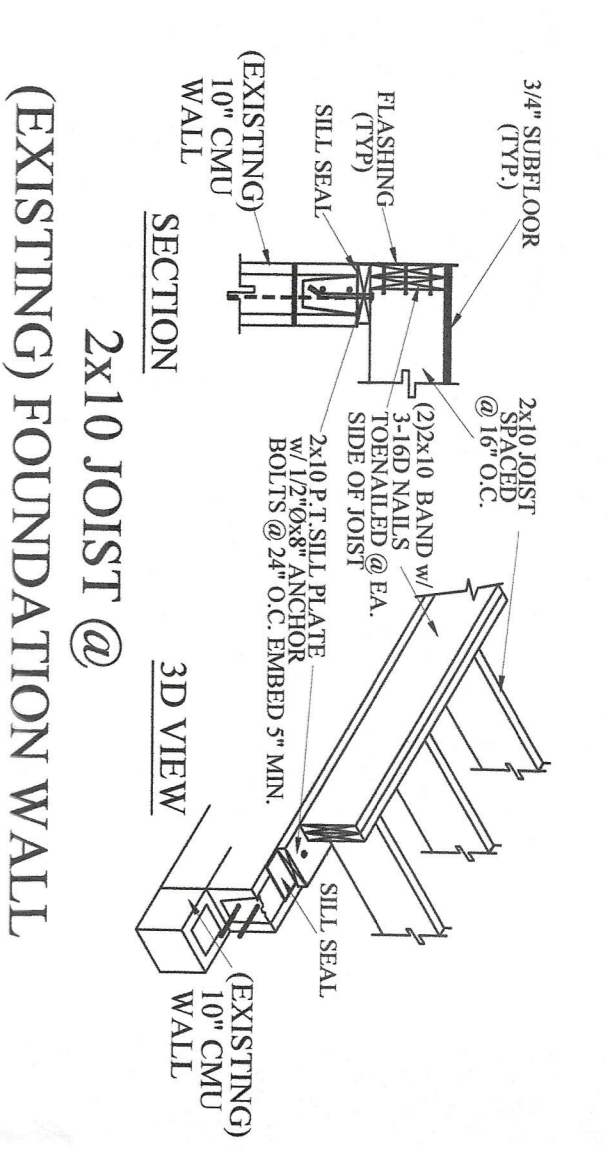
SHEET NAME:  
(EXISTING) FOUNDATION PLAN

SHEET NUMBER:  
1 OF 5

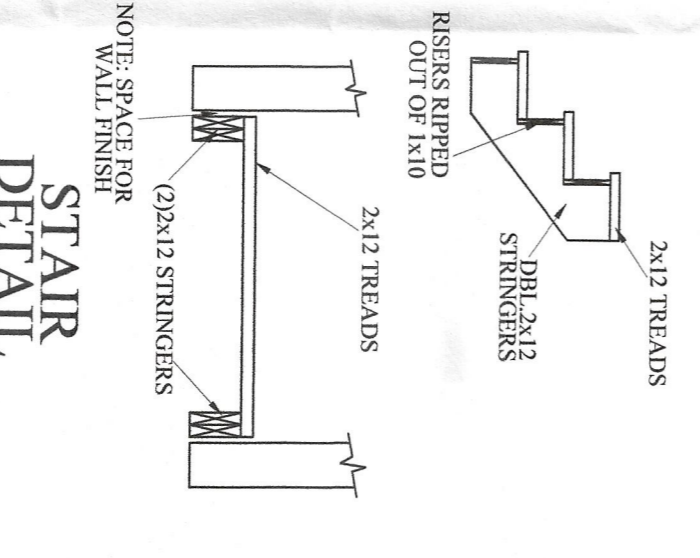
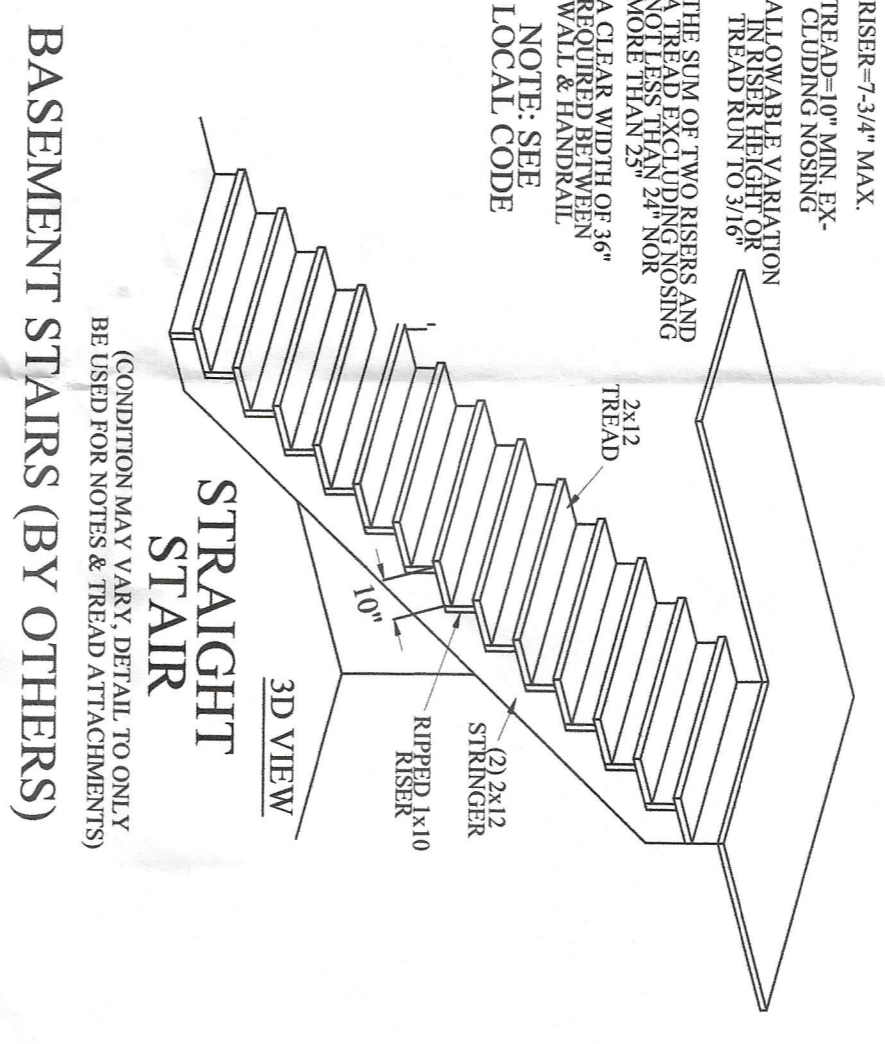
CUSTOMER APPROVAL:

NAME: \_\_\_\_\_  
DATE: \_\_\_\_\_





NOTE: ALL LOG WALLS OVERHANG FOUNDATION WALLS 3/4" (TYP.)



BASEMENT STAIRS (BY OTHERS)

**BATTLE CREEK LOG HOMES**  
 THE LOG HOME PLACE  
 9955 LADDS COVE RD.  
 SO. PITTSBURG, TN 37280  
 PHONE #: 1-800-326-8045  
 FAX #: 423-837-28045  
 www.battlecreekloghome.com

**The Log Home Place**  
 By **BATTLE CREEK**  
 LOG HOMES

**DISCLAIMER:**  
 WHILE EVERY EFFORT HAS BEEN MADE TO PREVENT ERRORS OR OMISSIONS WHILE PREPARING THIS PLAN, THE CONTRACTOR MUST RECHECK ALL NOTES, DETAILS AND DIMENSIONS AND BE RESPONSIBLE FOR SAME.

**COPYRIGHT:**  
 THESE DRAWINGS ARE THE PROPERTY OF BCLH. ANY USE, REUSE, REPRODUCTION, DISPL. OR SALE OF THESE DRAWINGS WITHOUT THE EXPRESS WRITTEN CONSENT OF BCLH IS STRICTLY PROHIBITED.

RESIDENCE FOR:  
**RAY NORRIS**  
 LINDEN, NC

DRAWN BY:  
 DWH  
 DATE:  
 12/03/24  
 SCALE:  
 1/4" = 1'-0"

| # | REVISION / ISSUE | DATE |
|---|------------------|------|
|   |                  |      |
|   |                  |      |

**bennett&pless**  
 Experience Structural Expertise

THE SEAL & SIGNATURE AFFIXED IS APPLICABLE FOR STRUCTURAL DESIGN OF FRAMING & NEW FOUNDATIONS

**SEAL**  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 18488  
 MARK A. STEVENS

SHEET NAME:  
 SUBFLOOR LAYOUT

SHEET NUMBER:  
 2 OF 5

CUSTOMER APPROVAL:

NAME:  
 DATE:

DATE: