

SORIDE RESIDENCE PLANS COLUMBIA COUNTY, FLORIDA

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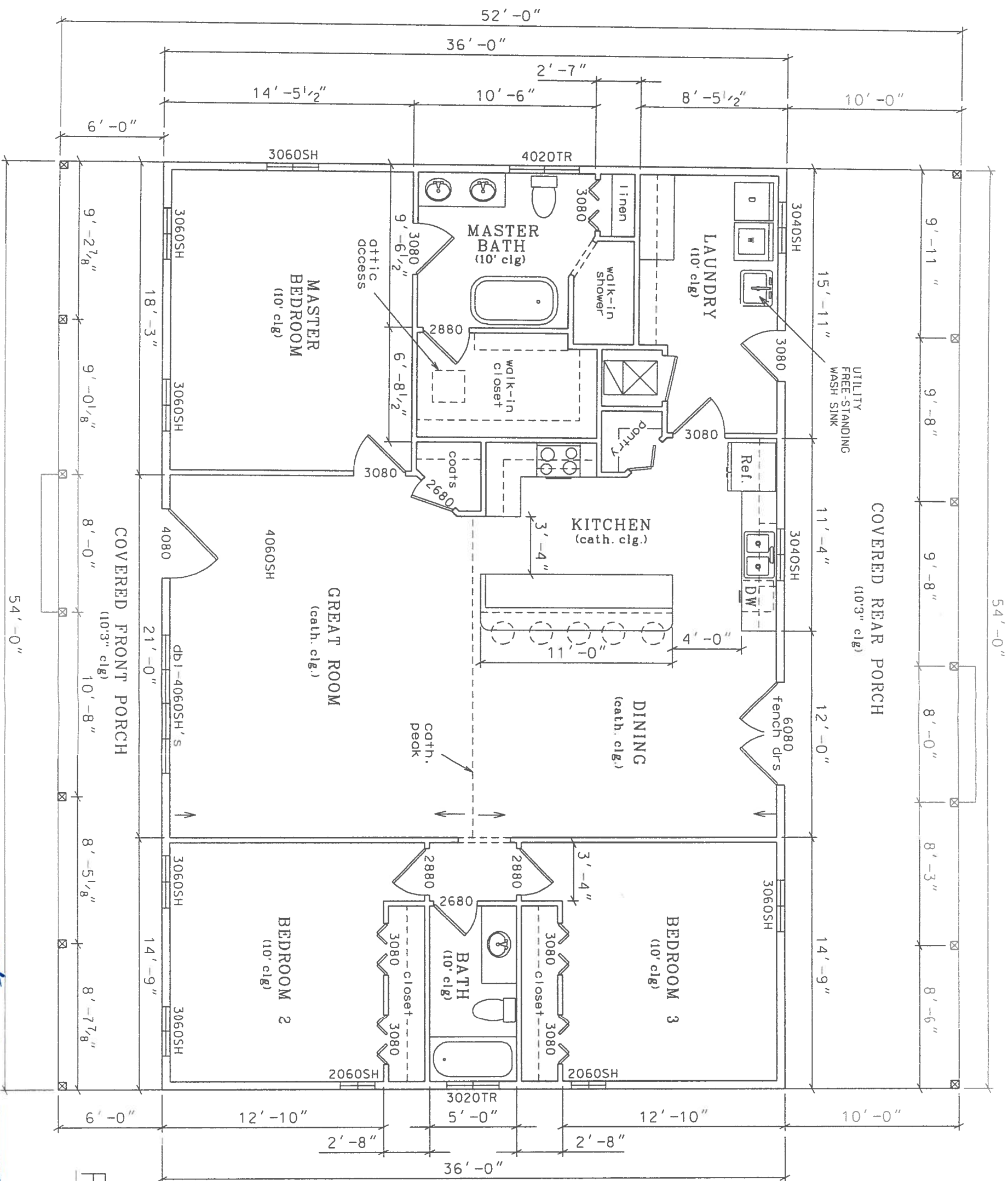
Matt J. Humphries
1-11-19



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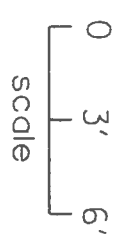
MATT & CARA SORIDE RESIDENCE PLANS
COLUMBIA COUNTY, FLORIDA

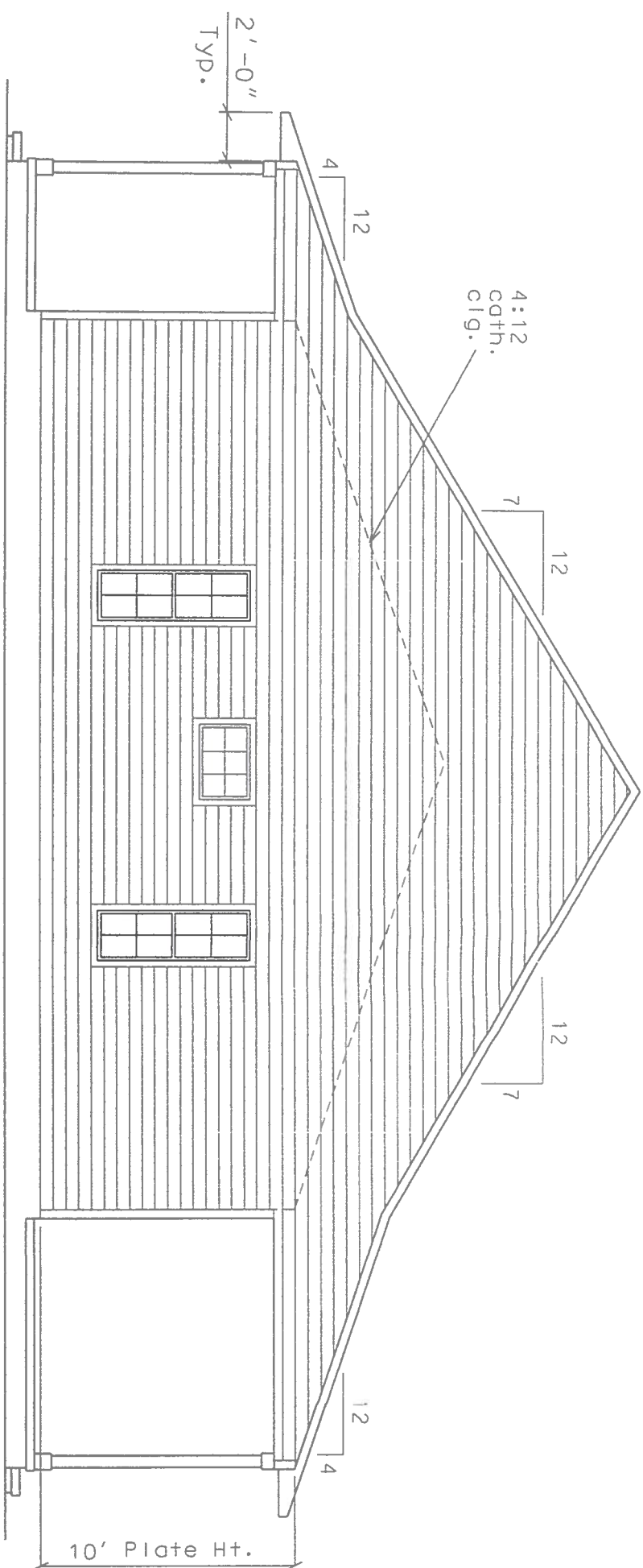
SHEET
1
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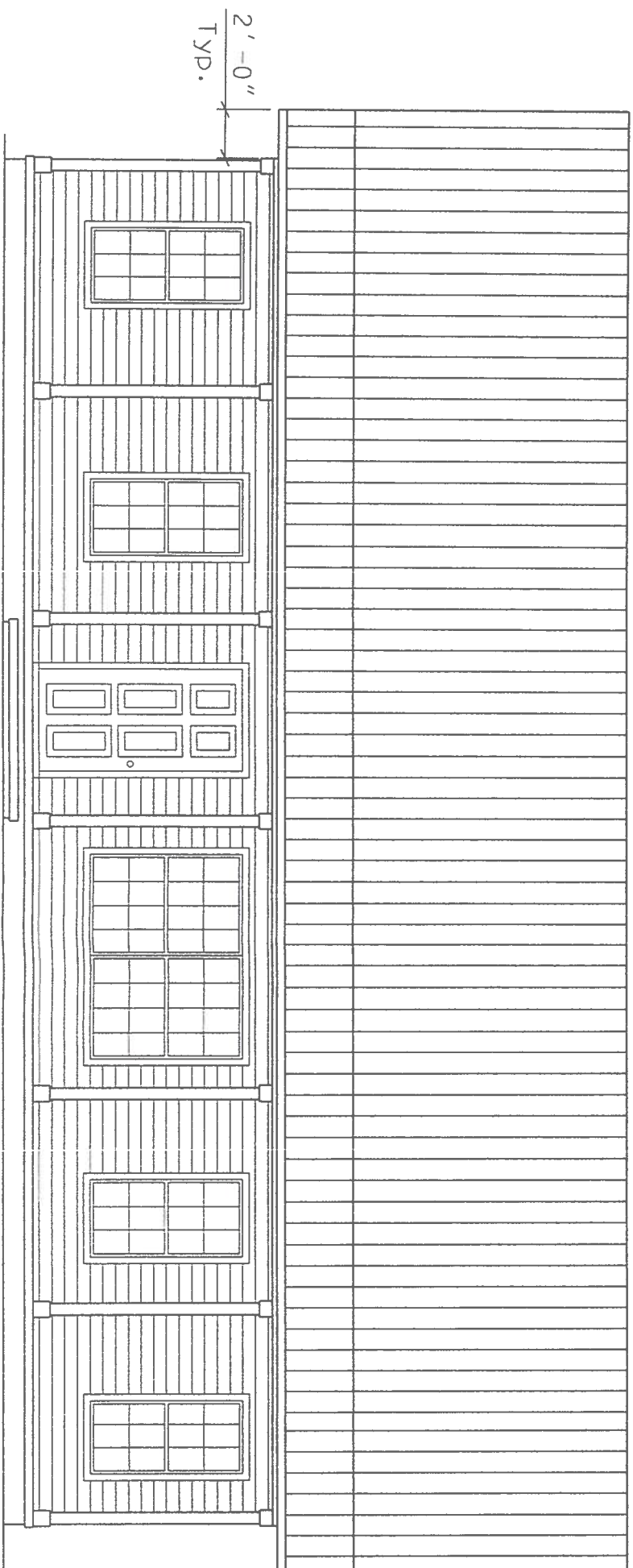
FLOOR PLAN
 LIVING AREA - 1944 sq. ft.
 PORCHES - 864 sq. ft.





RIGHT ELEVATION

0 3' 6'
scale

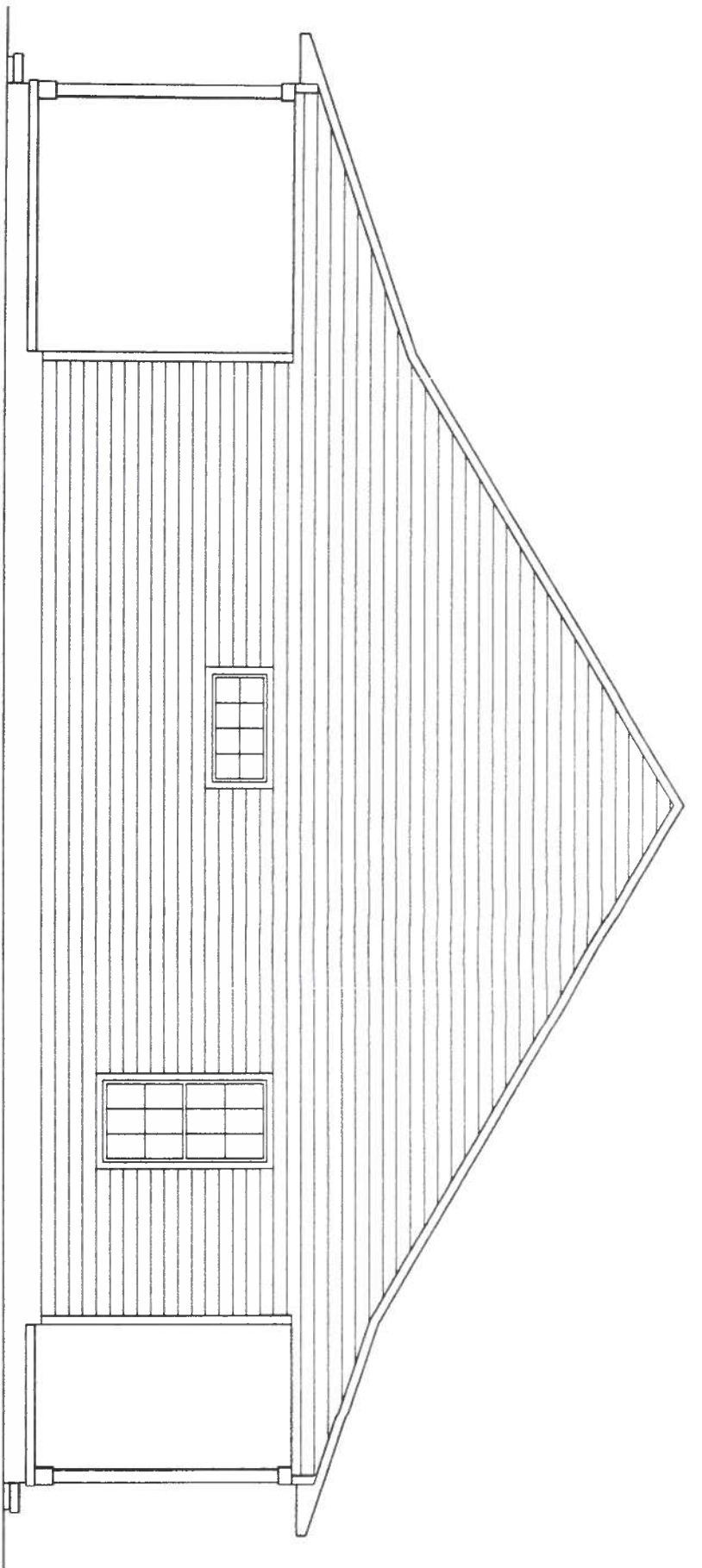


FRONT ELEVATION

0 3' 6'
scale

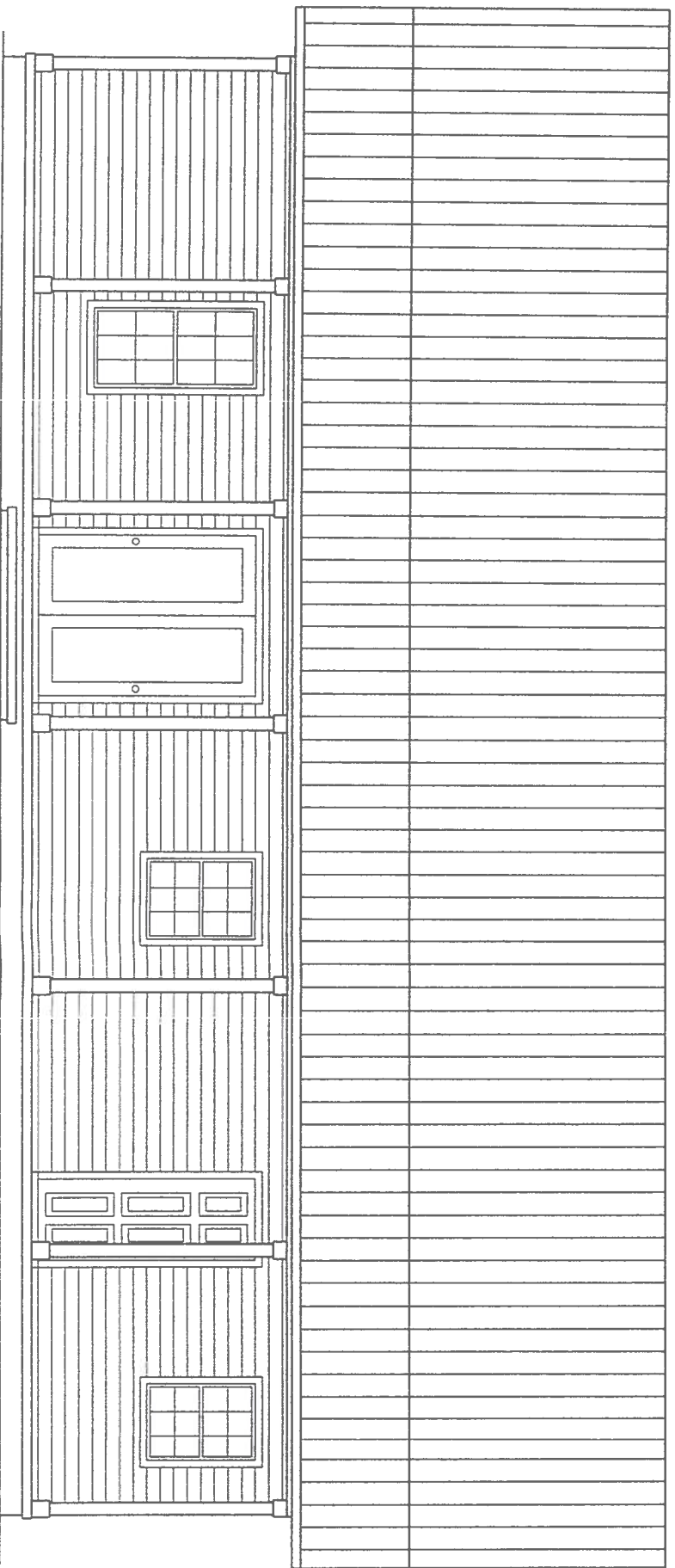
MJH
1-11-19





LEFT ELEVATION

0 3' 6'
scale



REAR ELEVATION

0 3' 6'
scale

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1-11-19



STRAPPING AND ANCHOR REQUIREMENTS

(Designed in accordance with the 2017 FBC)

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 130 mph Vlt.
Importance Factor = 1.0
Exposure Category = B
Residential Occupancy = Group R3
Mean Roof Height = 18'
Height and Exposure Adjustment Coefficient = 1.0
Roof Cross Slope = 4:12, 7:12
Wall Height = 10'
Risk Category = II
Component and Cladding Pressures = Roof(Zone 1=10.5,-16.0, Zone 2=10.5,-29.0, Zone 3=10.5,-43.0), Wall(Zone 4=18.2,-19.0, Zone 5=18.2,-24.0)(units are psf)

TRUSS ANCHORS:

At Truss to exterior walls and porch beam locations:
install one Simpson Model H10A anchor for all trusses.

WALL STRAPPING:

For windows and doors 4' or less in width: At the top and bottom of the wall install one SP6 each side. For windows and doors greater than 4' in width: At the top and bottom of the wall install two SP6's each side. All other locations install one SP6 top and bottom of the wall 4' on center.

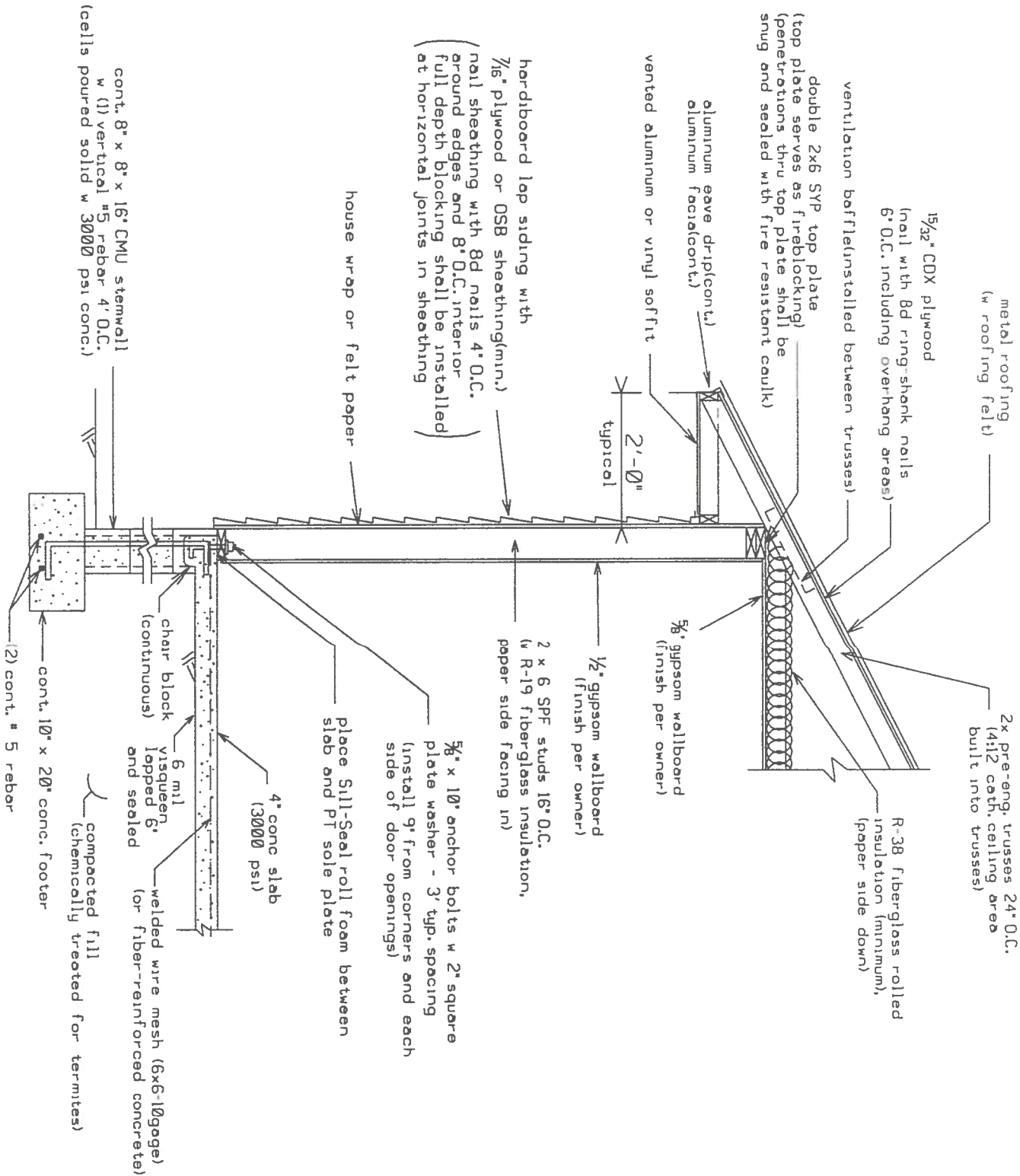
CABLE END BRACING:
(See Detail)

SHEATHING:
Wall sheathing shall be installed with long dimension vertical on exterior walls and full-depth blocking shall be required at horizontal joints in sheathing.

PORCH CEILINGS:
Install 1x4 SPF lathes 16" on center nailed to trusses with 2-8d nails or install 7/8" OSB sheathing nailed with 8d nails 6" on center and cover with solid aluminum or vinyl soffit material or hardipanel.

PORCH COLUMNS:
Install Simpson model ABUB6 anchor and two Simpson LSTA12 straps at top.

Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.



DETAIL A - TYPICAL WALL DETAIL (N.T.S.)

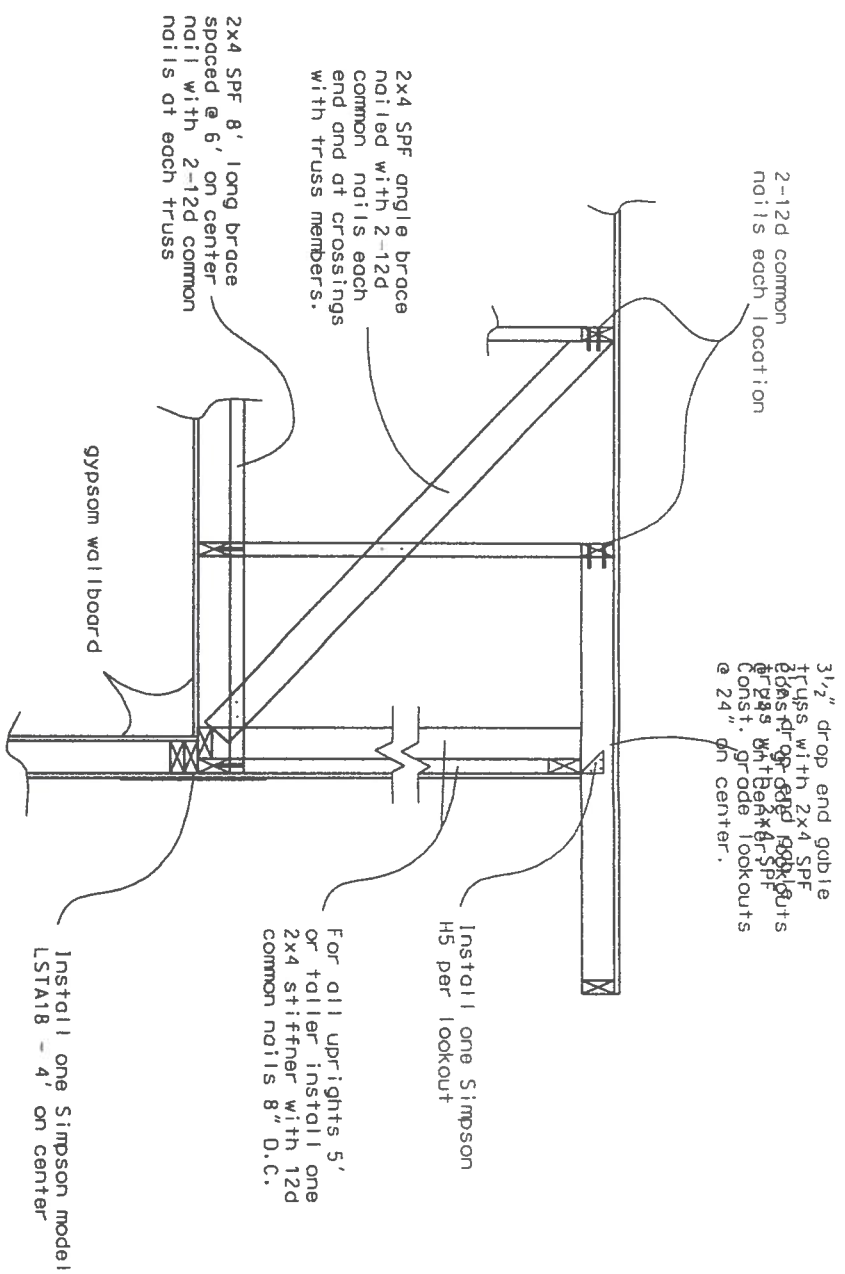
HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

WINDOW AND DOOR OPENINGS: For windows and doors 4' in width or less: 2 - #2 SYP 2X10's w #2 SYP 2X6 top and bottom to form a box, nailed w 12d nails 10" on center
For windows and doors greater than 4' in width: 3 - #2 SYP 2X10's w 1/2" plywood or OSB between nailed w 4-12d nails 10" on center

PORCH BEAMS SHALL BE: 2 - #2 SYP 2X10's w 1/2" plywood or OSB between nailed w 4-12d nails 10" on center.

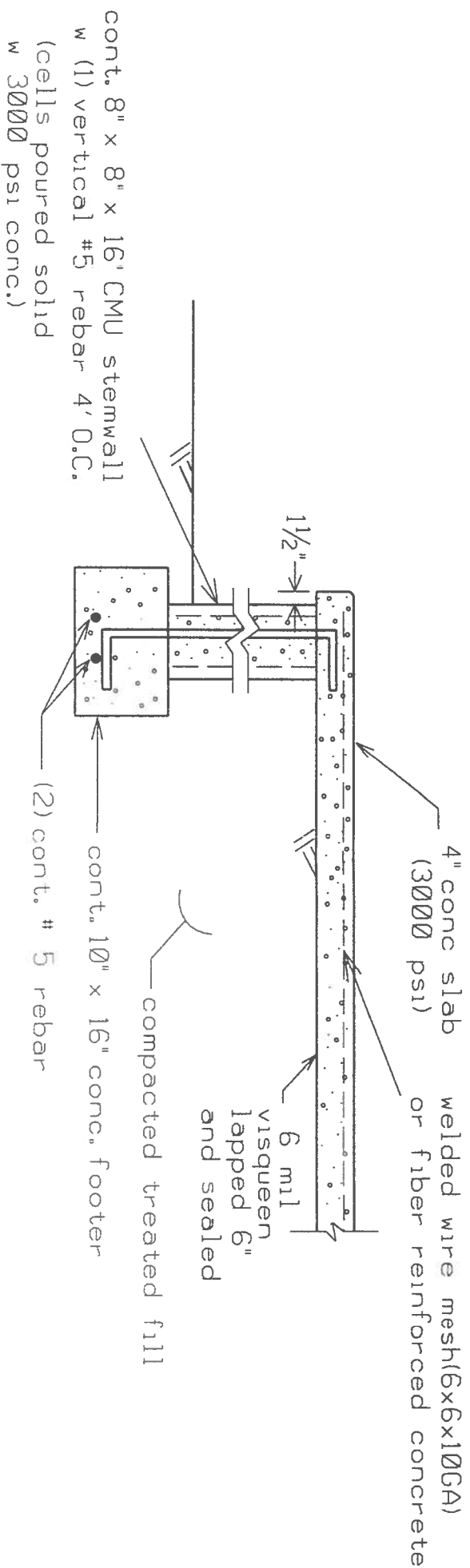
SYP = SOUTHERN YELLOW PINE

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CABLE END BRACING DETAIL (N.T.S.)

NOTE: Gable end trusses shall be dropped 3 1/2" for construction of lookouts & overhang. Gable end trusses shall be constructed with vertical members 2' on center to receive sheathing.



DETAIL C - STEMWALL PORCH FOUNDATION (N.T.S.)

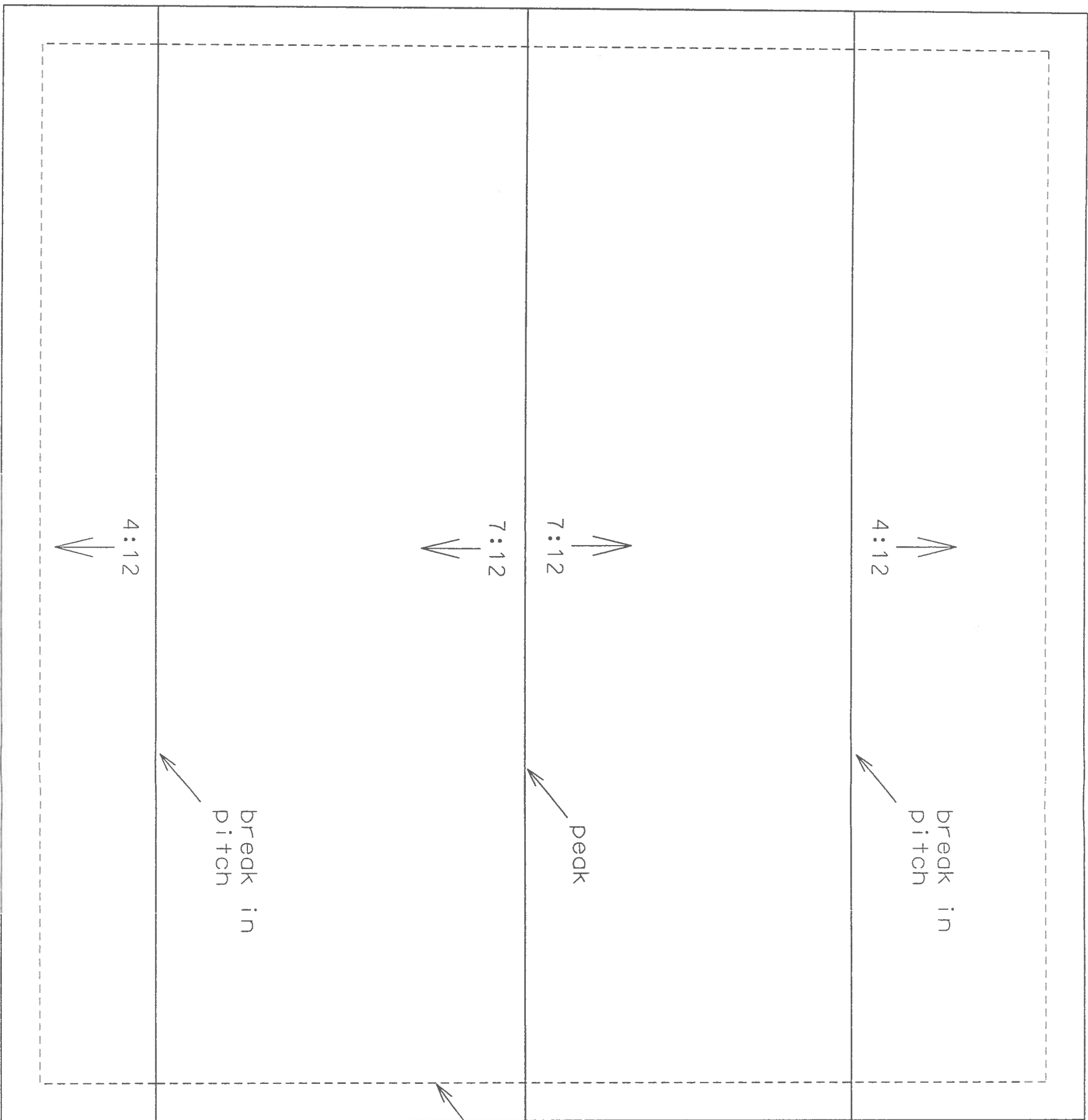
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SHEET
6
OF
9



ROOF PLAN

0 3' 6'
scale

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edge of roof

edge of wall

break in
pitch

peak

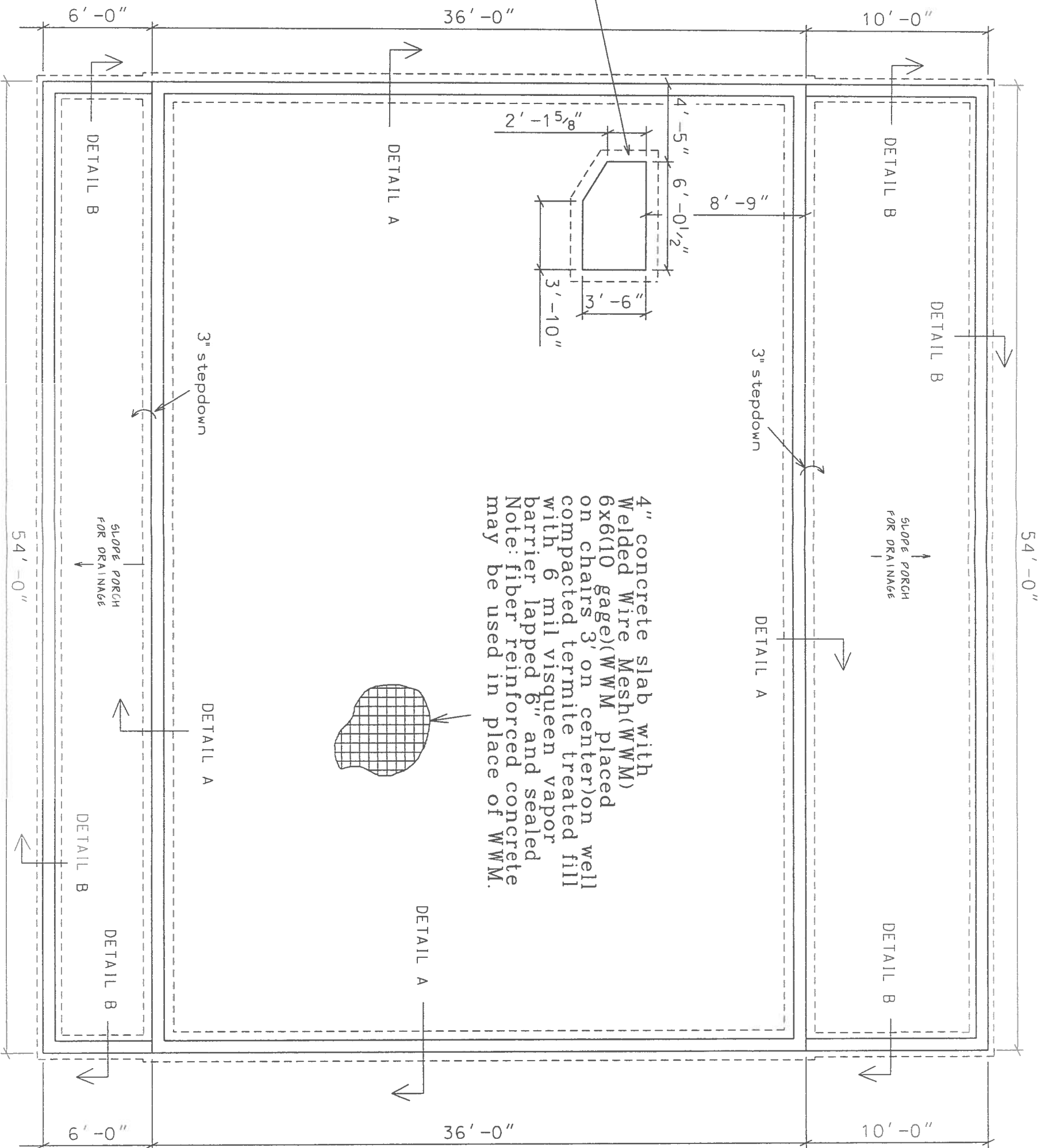
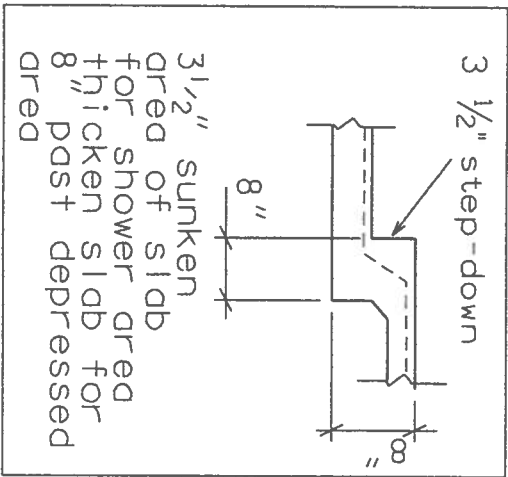
break in
pitch

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SHEET
7
OF
9



FOUNDATION PLAN

NOTE: DIMENSIONS ARE FROM OUTSIDE OF BLOCK.

0 3' 6'
scale

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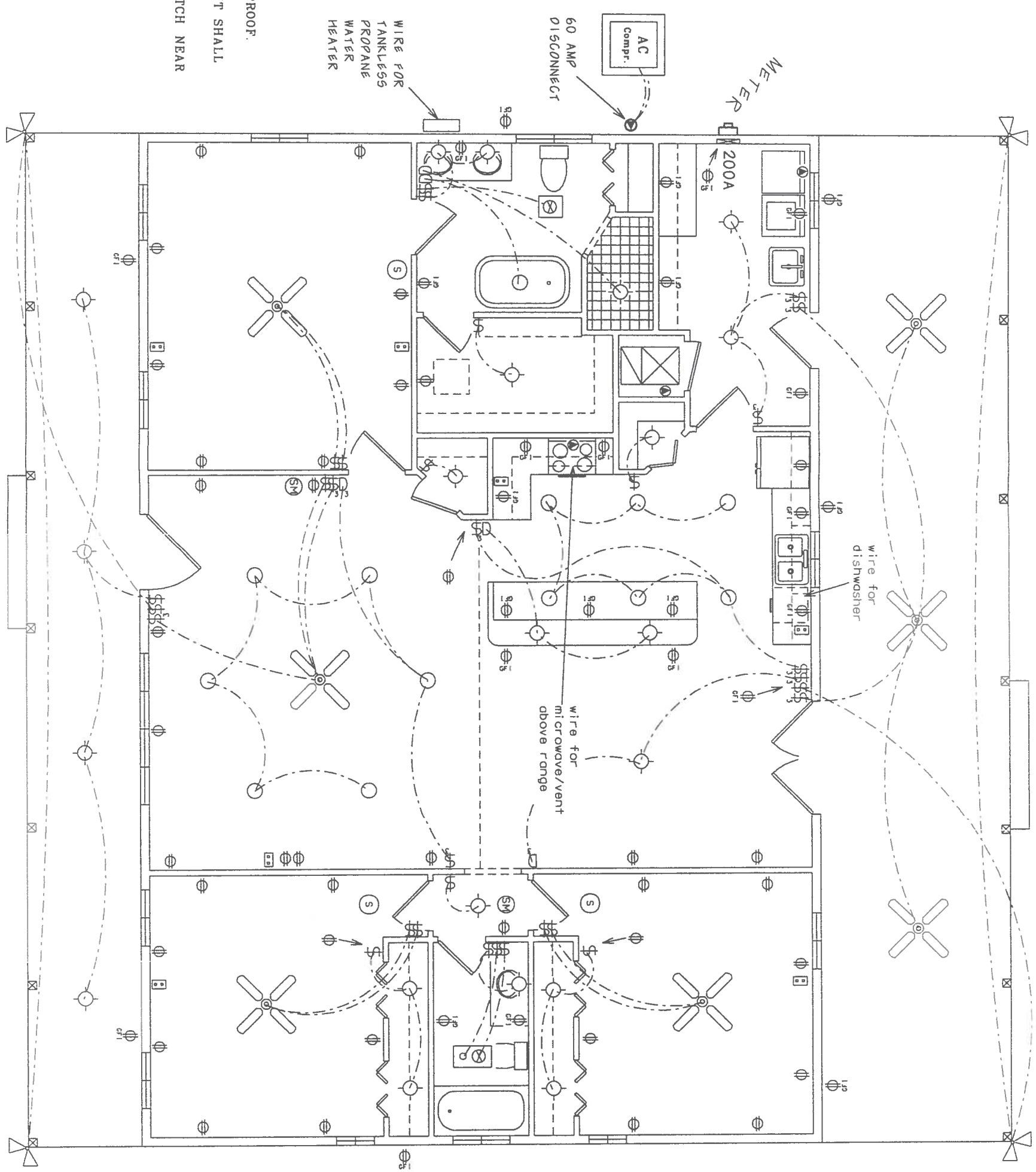
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SHEET 8 OF 9

ELECTRICAL LEGEND

- ⊗ - CEILING FAN w/ LIGHTS
 - - LIGHT FIXTURE
 - - RECESSED CAN LIGHT FIXTURE
 - \$ - SINGLE POLE SWITCH
 - \$ - THREE-WAY SWITCH
 - D - DIMMER SWITCH
 - D₃ - THREE-WAY DIMMER SWITCH
 - ⊕ - RECEPT.
 - ⊕ - GFI RECEPT OR PART OF A GFI CIRCUIT.
 - ⊕ - SECURITY LIGHT
 - ⊕ - EXHAUST WITH LIGHT
 - ⊕ - 220 V.
 - ⊕ - SMOKE DETECTOR (AC/DC and interconnected)
 - ⊕ - SMOKE & CARBON MONOXIED DETECTOR (AC/DC and interconnected)
 - ⊕ - COAX & TELEPHONE
- NOTES:
- 1.) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.
 - 2.) ALL RECEPTS NOT A GFI OR PART OF A GFI CIRCUIT SHALL BE PART OF AN AFCI CIRCUIT.
 - 3.) PLACE 4 LIGHTS IN HOME ATTIC AREA WITH SWITCH NEAR ATTIC ACCESS.



ELECTRICAL PLAN (N.T.S.)

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