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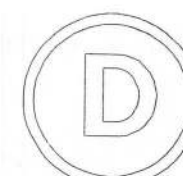
DERMOTT RESIDENCE PLANS COLUMBIA COUNTY, FL

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1	title/index sheet
2	floor plan
3	front and left elevations
4	rear and right elevations
5	wall typical (strapping/nailing requirements)
6	special detail
7	special detail
8	roof plan
9	foundation plan
10	electrical plan



Marty J. Humphries
7-25-21



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COLUMBIA COUNTY, FLORIDA

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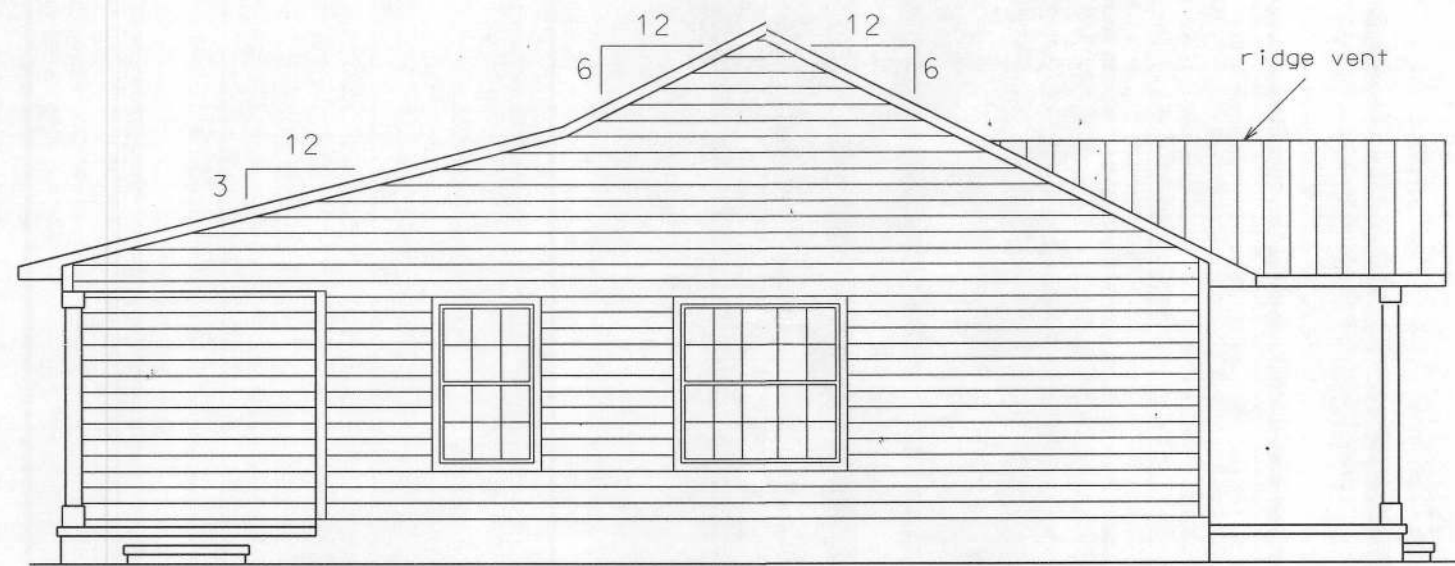


LIVING - 1297 sq. ft.
PORCHES - 212 sq. ft.

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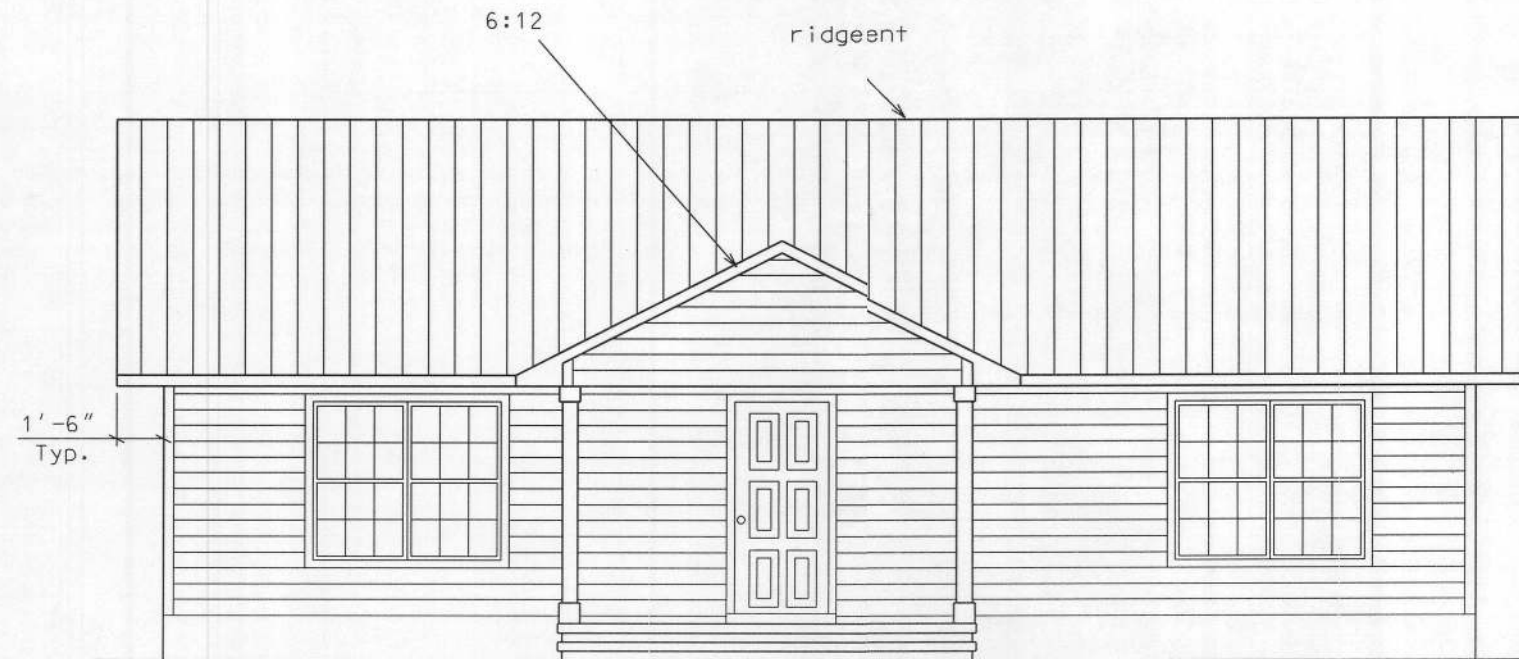
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LEFT ELEVATION

0 3' 6'
scale



FRONT ELEVATION

0 3' 6'
scale

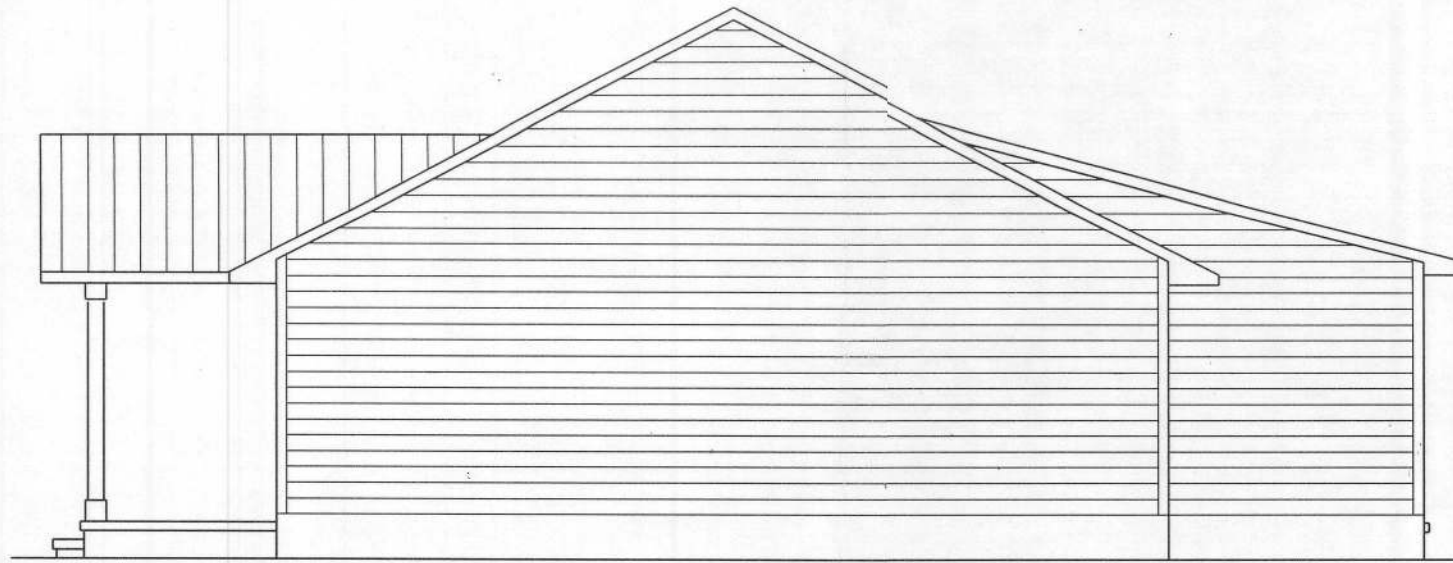
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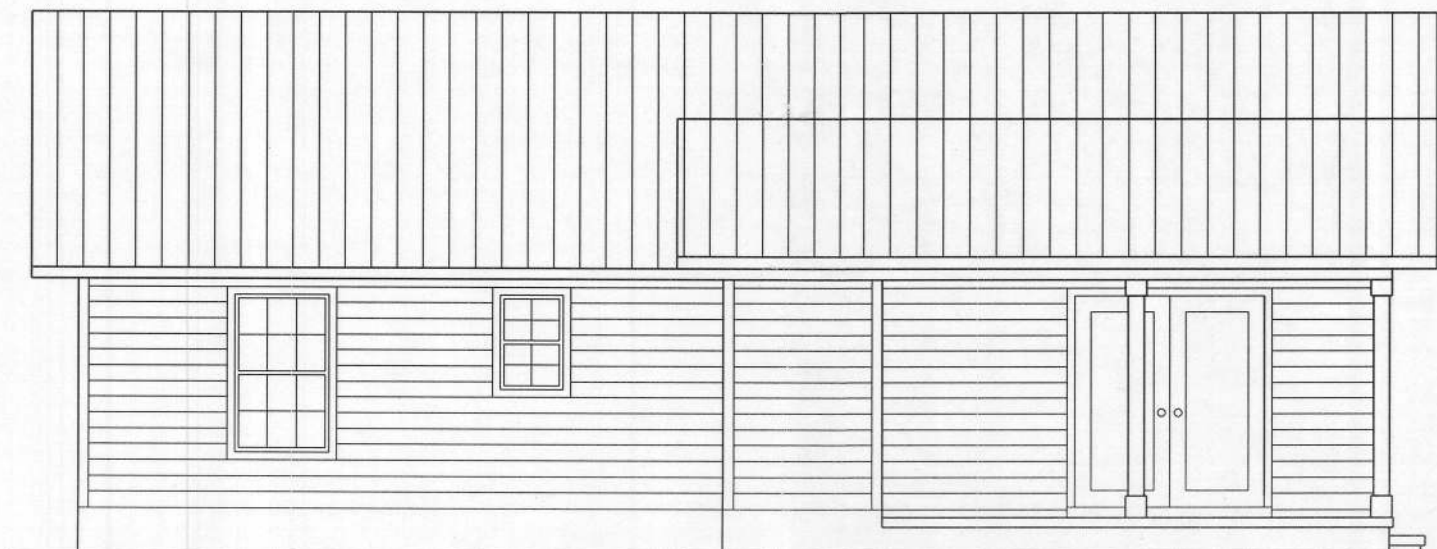
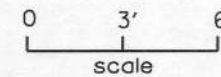
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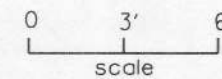
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RIGHT ELEVATION



REAR ELEVATION



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STRAPPING AND ANCHOR REQUIREMENTS

(Designed In accordance with the 2020 FBC):

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 130 mph Vult.
 Importance Factor = 1.0
 Exposure Category = B
 Residential Occupancy = Group R3
 Mean Roof Height = 14'
 Height and Exposure Adjustment Coefficient = 1.0
 Roof Cross Slope = 3:12, 6:12
 Wall Height = 8'
 Risk Category = II
 Component and Cladding Pressures = Roof(Zone 1=13.6,-26.0, Zone 2=13.6,-26.0, Zone 3=13.6,-41.4), Wall(Zone 4=18.2,-19.8, Zone 5=18.2,-24.4)(units are psf)

TRUSS ANCHORS:

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

WALL STRAPPING:

At the top and bottom of the wall install one SP6 each side of each window or door. All other locations install one SP6 top and bottom of the wall 4' on center. At each side of double 3050 windows and 6068 french door install 2-SP6's top and bottom of the wall.

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 COLUMNS:

At each column install Simpson model ABU44 and Simpson AC4(Max) or ACE4(Max) for end columns.

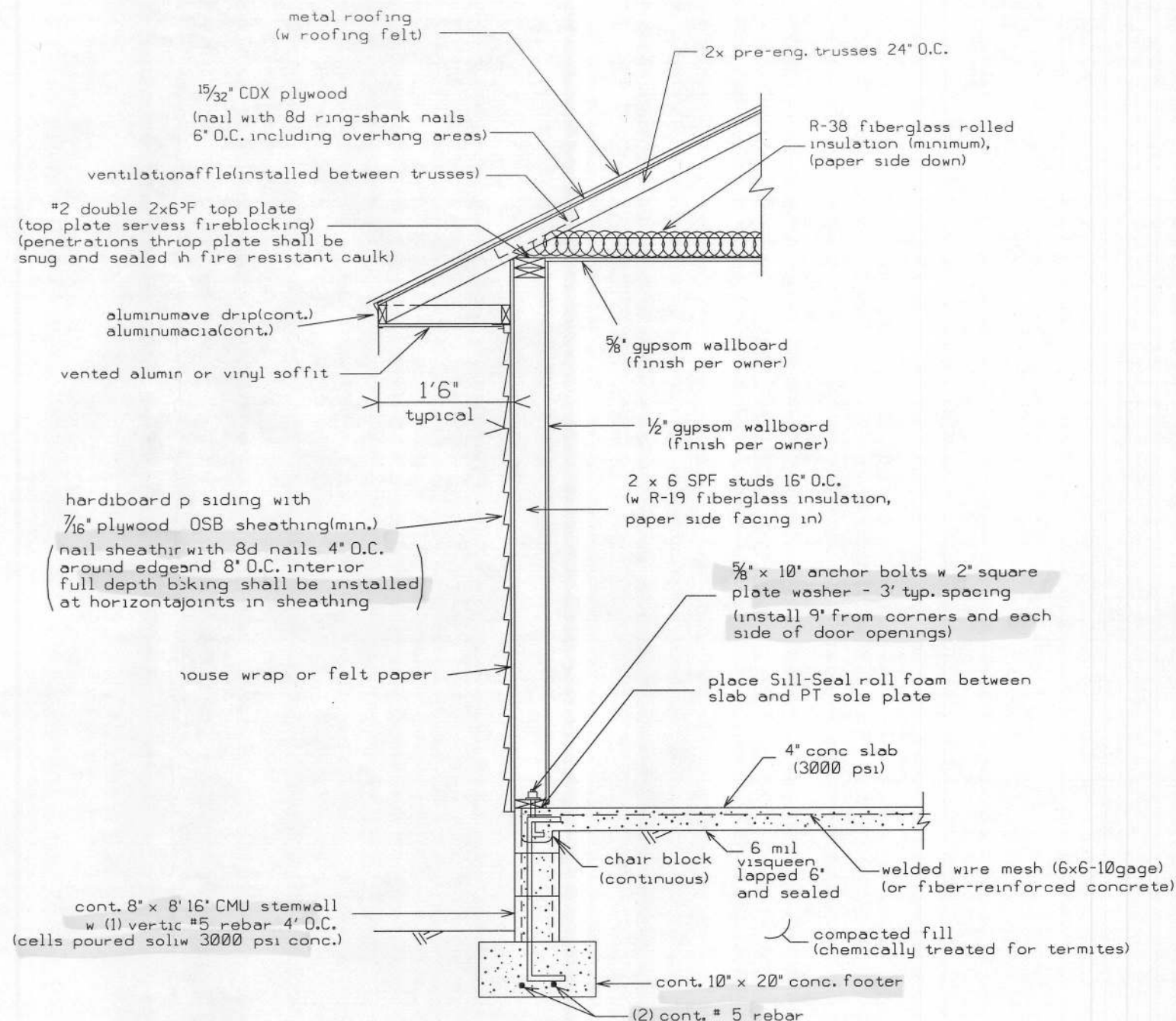
PORCH CEILINGS:

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

PORCH HEADER TO HOME CONNECTION:

For Porch Headers install Simpson HUC410 connecting headers to home.

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



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

HEER SIZES/MATERIAL SHALL BE AS FOLLOWS:

WINDOW AND DOOR ENINGS: 2 - #2 SYP 2X12'S w 1/2" plywood or OSB between nailed w 3-12d nails 10" O.C.

PORCH BEAMS SLL BE: 2 - #2 SYP 2X10's w 1/2" plywood or OSB between nailed w 3-12d nails 10" O.C.

SYP = SOUTHERN YELLOW PINE

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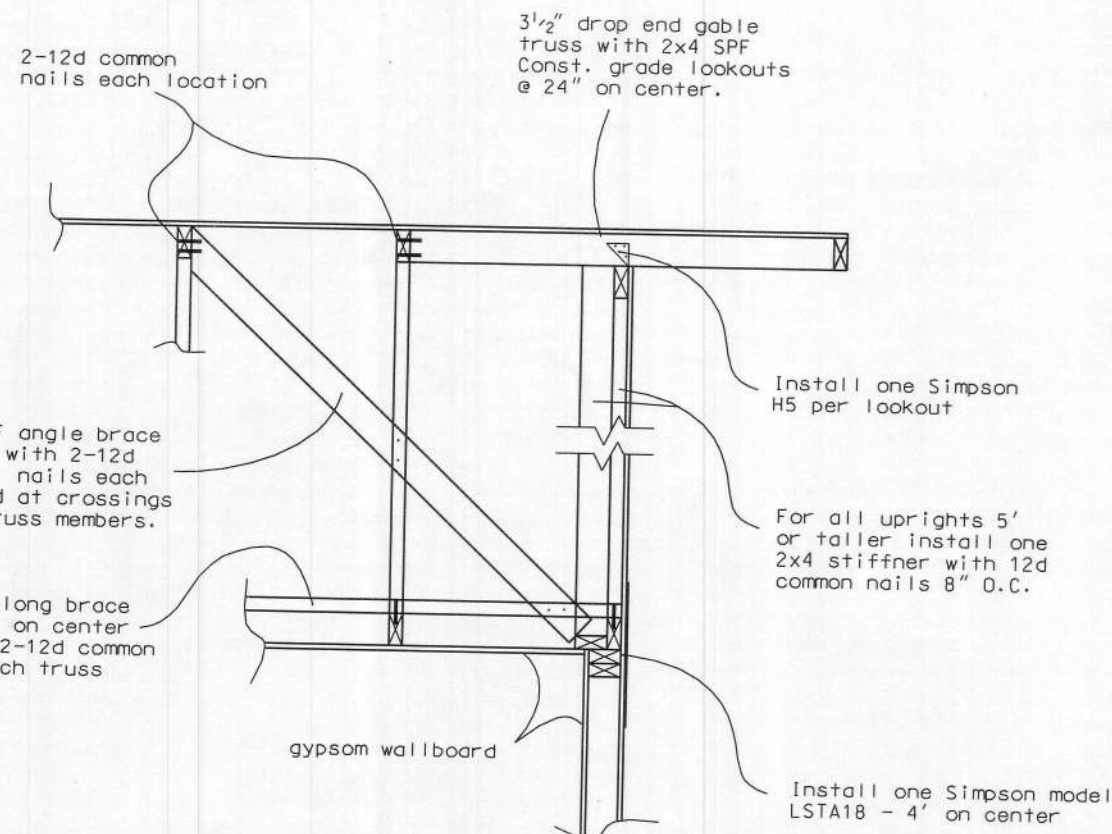
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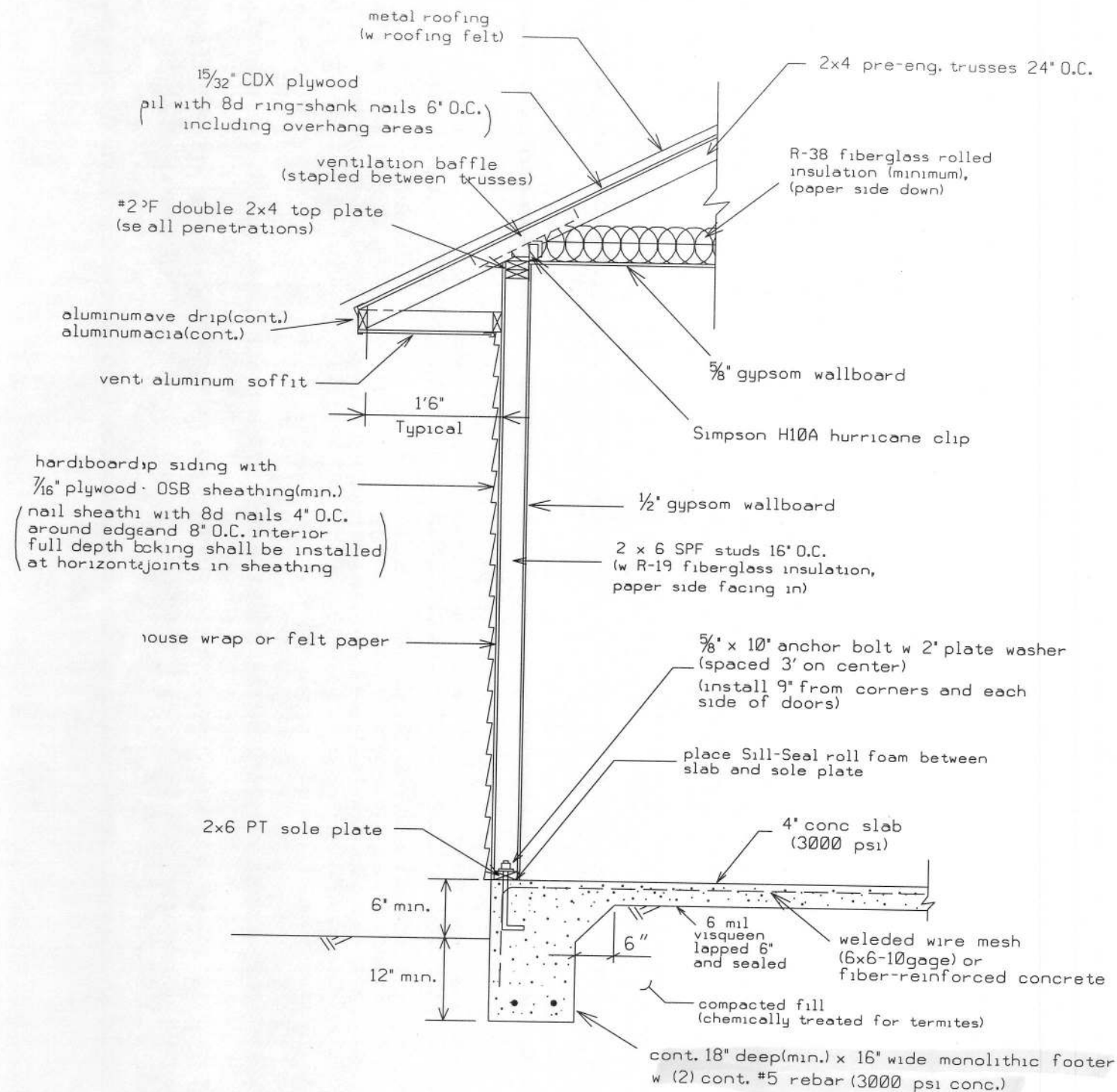
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GABLE END BRACING
DETAIL (N.T.S.)

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 B - OPTIONAL WALL TYPICAL (N.T.S.)

WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2X12'S w 1/2" plywood or OSB between nailed w 3-12d nails 10' O.C.

PORCH BEAM SHALL BE: 2 - #2 SYP 2X10'S w 1/2" plywood or OSB between nailed w 3-12d nails 10' O.C.

SYP = SOUTHERN YELLOW PINE

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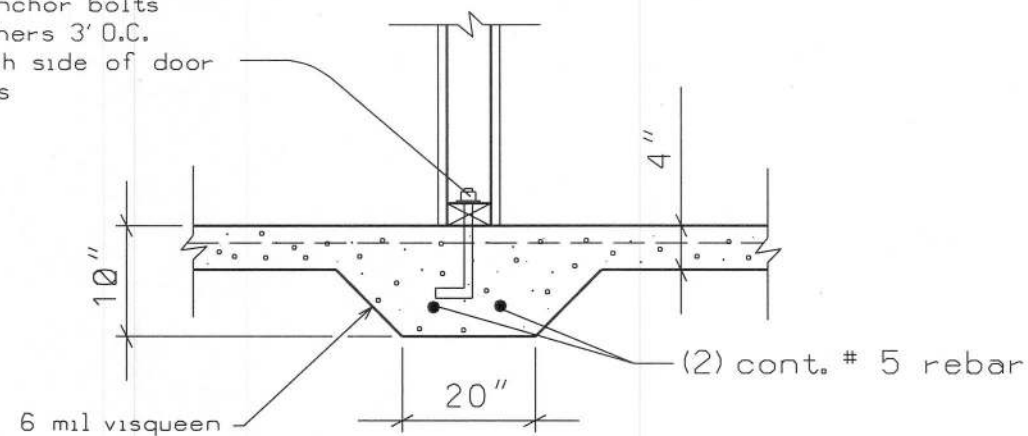
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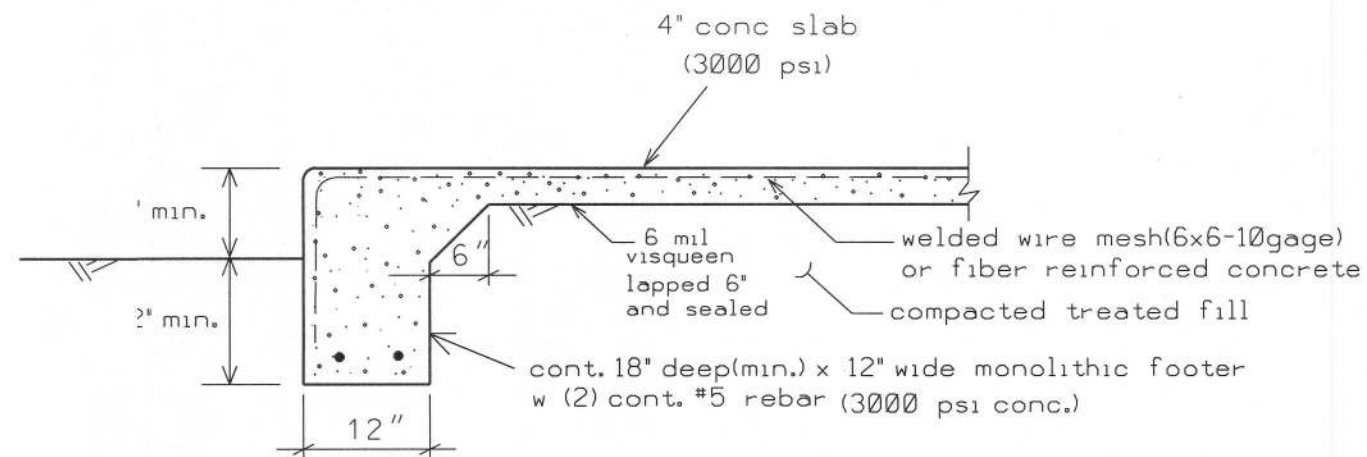
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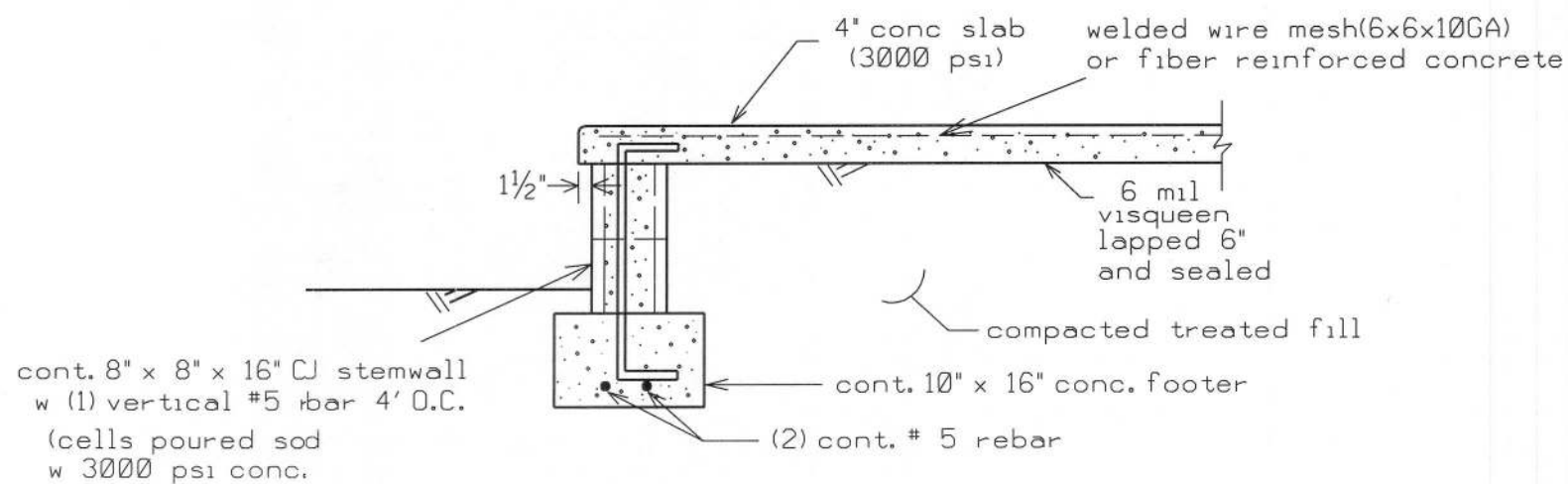
5/8"x10" anchor bolts
w 2" washers 3' O.C.
and each side of door
openings



DETAIL E - INTERIOR MONOLITHIC FOOTER (N.T.S.)
(located as required by Truss Package)



DETAIL I - OPTIONAL MONOLITHIC PORCH FOUNDATION (N.T.S.)



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

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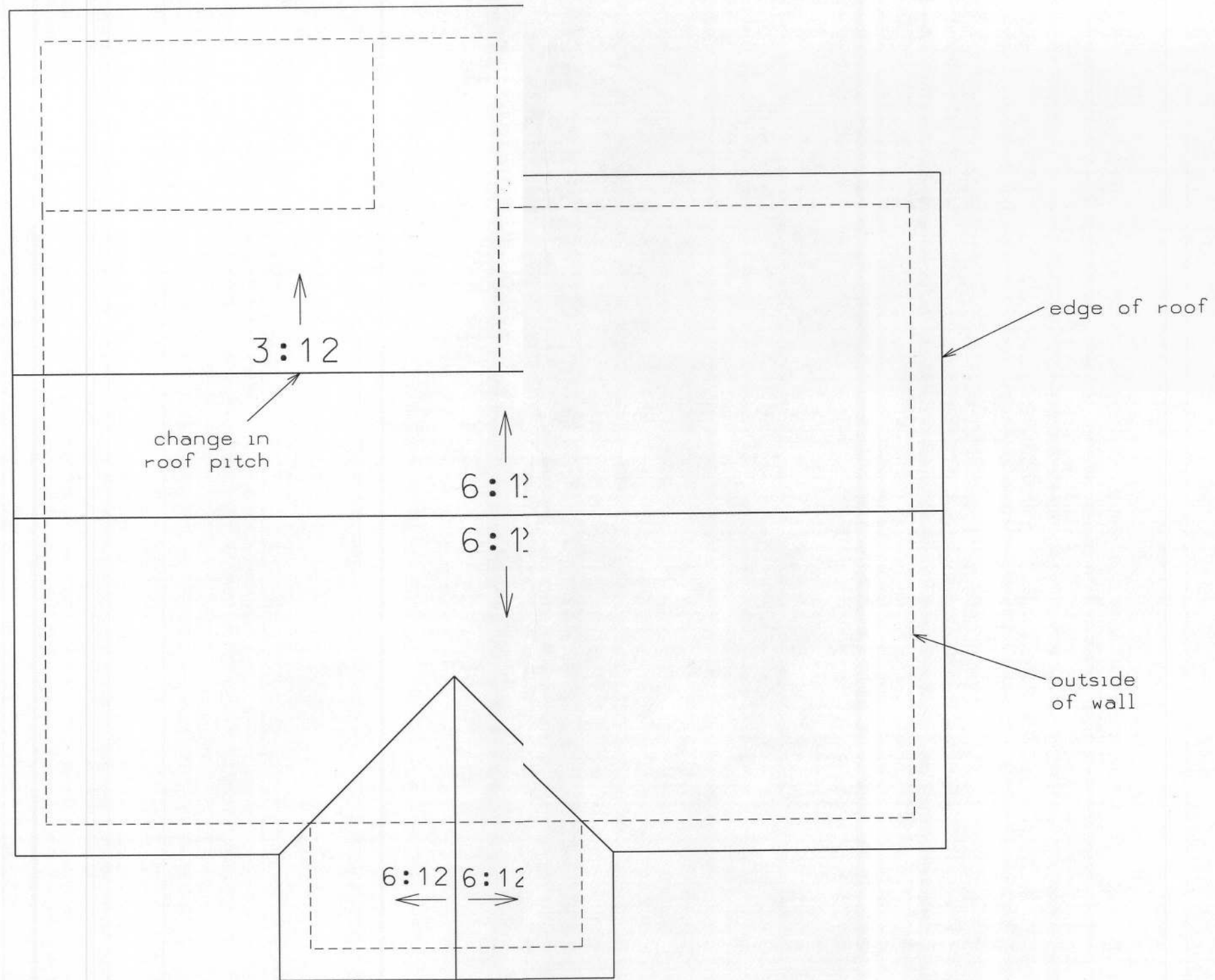
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ROOF PLAN

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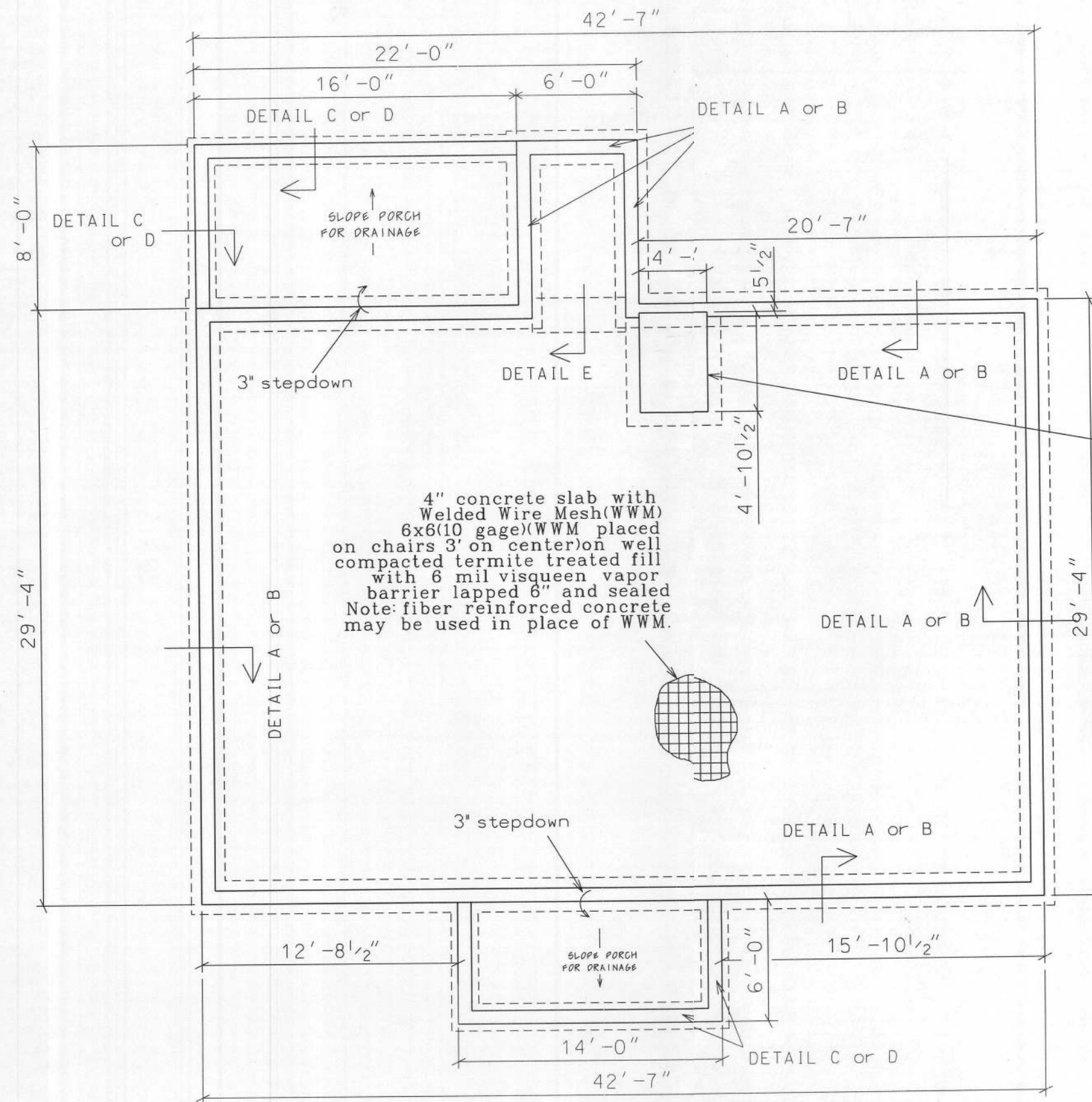
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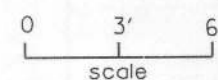
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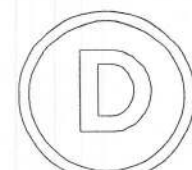
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FOUNDATION PLAN



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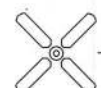
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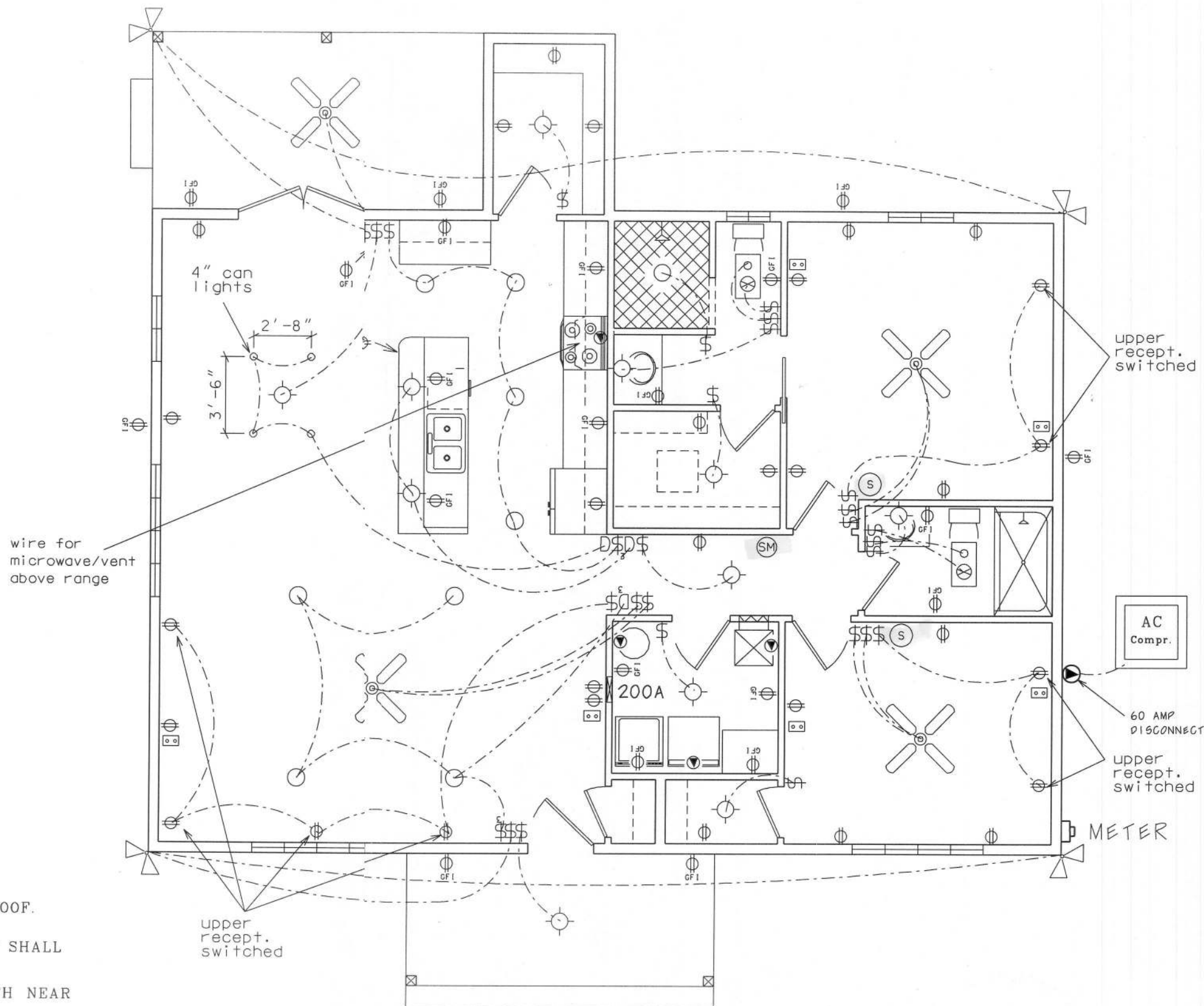
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ELECTRICAL LEGEND

-  - CEILING FAN w LIGHTS
-  - LIGHT FIXTURE
-  - RECESSED CAN LIGHT FIXTURE
-  - SINGLE POLE SWITCH
-  - THREE-WAY SWITCH
-  - 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 RECPTS NOT A GFI OR PART OF A GFI CIRCUIT SHALL BE PART OF AN AFCI CIRCUIT.
- 3.) PLACE 2 LIGHTS IN HOME ATTIC AREA WITH SWITCH NEAR ATTIC ACCESS.



ELECTRICAL PLAN (N.T.S.)

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