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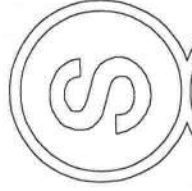
SMITH RESIDENCE PLANS COLUMBIA COUNTY, FL

Plan Sheet Index:

Sheet No.	Description
1	title/index sheet
2	floor plan
3	front and right elevations
4	rear and left elevations
5	wall typical & strapping/nailing requirements
6	special details
7	roof plan/window & door sizes
8	foundation plan
9	electrical plan



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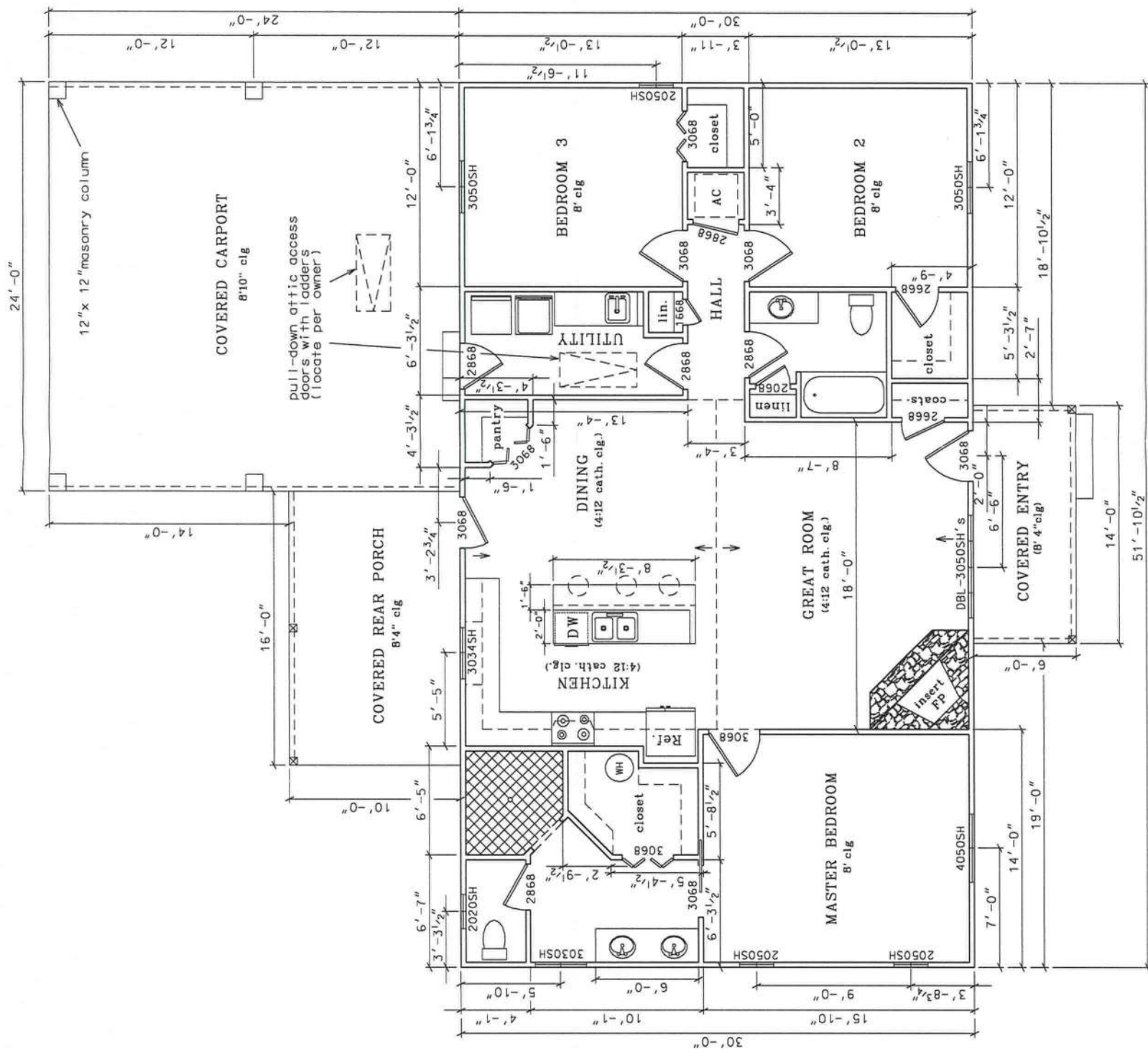


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SHEET
- 1 -
OF
9

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Marty D. Dwyer



FLOOR PLAN

LIVING AREA - 1556 sq. ft.
PORCHES - 244 sq. ft.
CARPORT - 576 sq. ft.

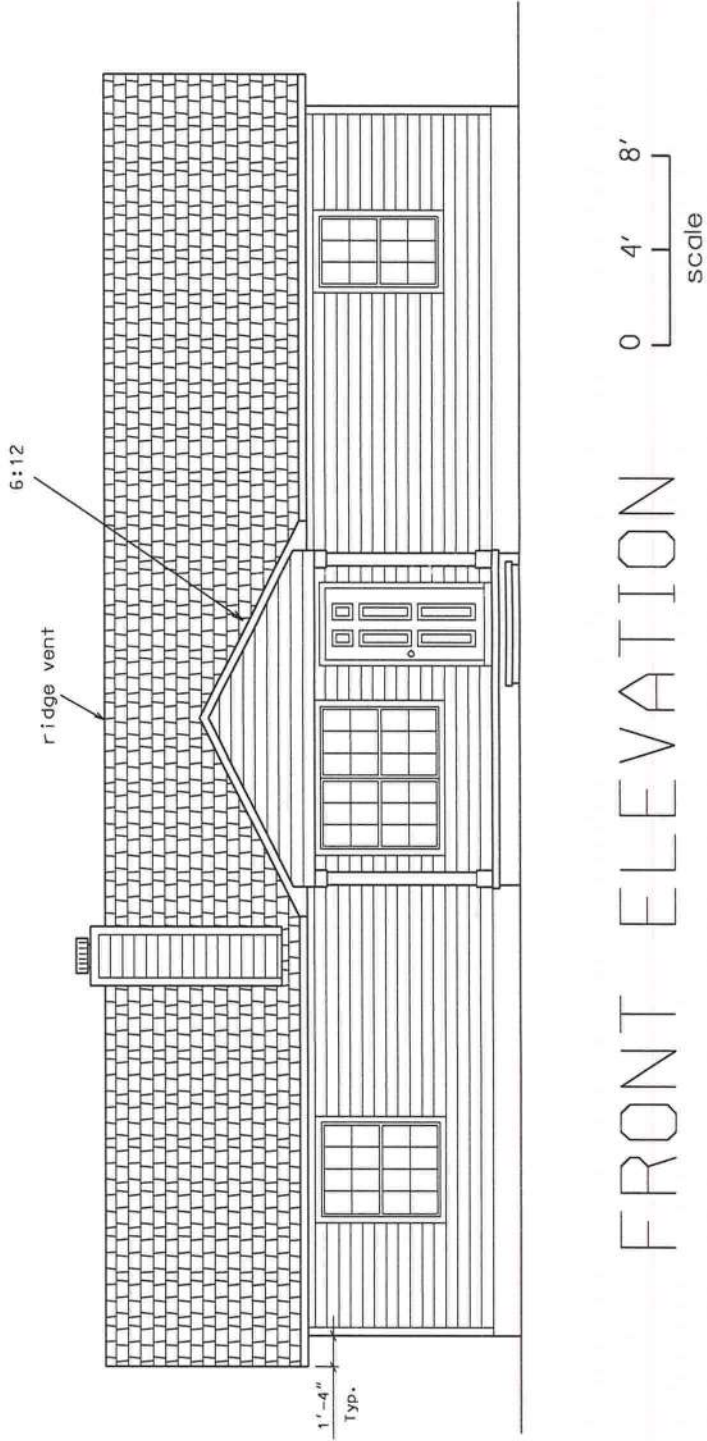
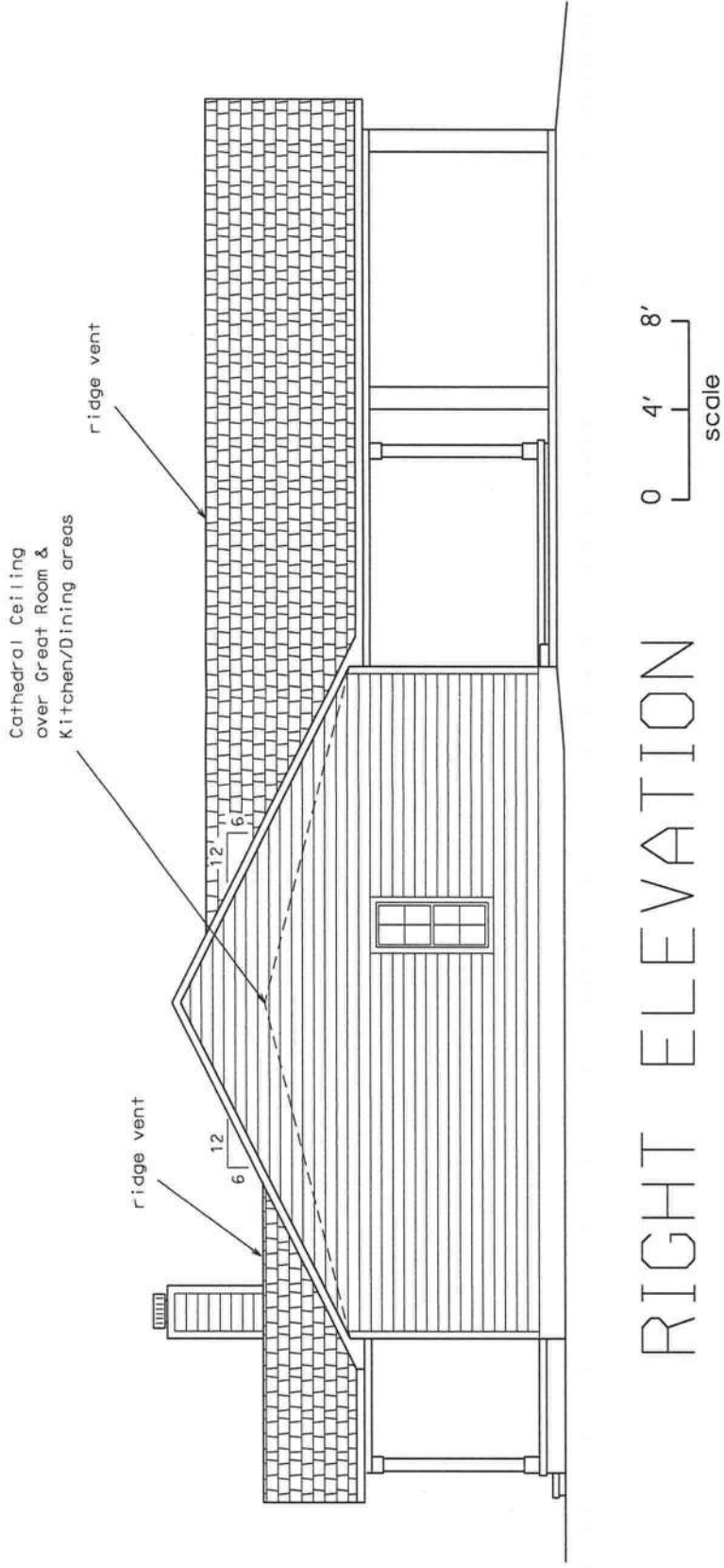


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SHEET
3 OF 9

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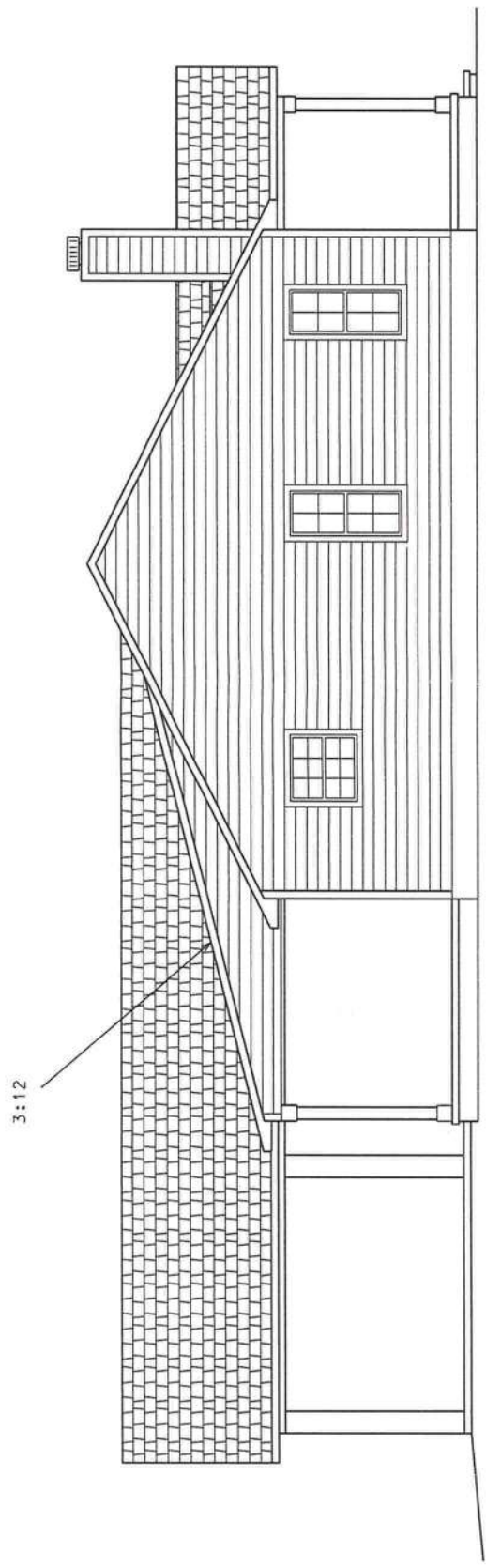


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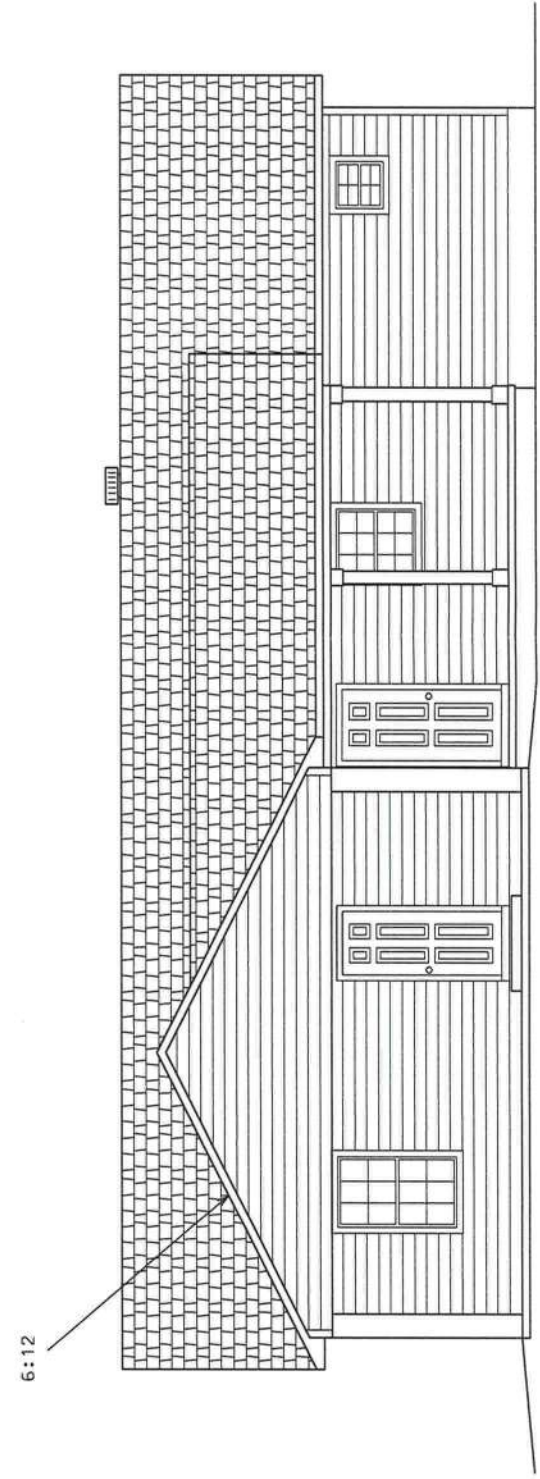
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SHEET
4
OF
9

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LEFT ELEVATION



REAR ELEVATION



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SHEET
5 OF
9

STRAPPING AND ANCHOR REQUIREMENTS

(Designed in accordance with the 2010 FBC):

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 120 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 = 6:12 & 3:12
Wall Height = 8'
Risk Category = II
Component and Cladding Pressures = Roof (Zone 1=23.7,-25.9, Zone 2=23.7,-30.9,
Zone 3=23.7,-30.9), Wall (Zone 4=25.9,-28.1, Zone 5=25.9,-34.7)(units are psf)

TRUSS ANCHORS:

At Truss to Exterior Wall and Porch Beam Locations: install one Simpson model H10 anchor for all trusses.

WALL STRAP TIES:

At top and bottom of exterior walls install one Simpson model SP4 at each side of each door and window 4' or less in width. At top and bottom of wall for windows and doors larger than 4' in width install two Simpson model SP4's each side of opening. All other wall locations install one SP4 top and bottom of the wall 4' on center.

Where Carport beams frame into walls install 1- 12" x 5/8" anchor bolt with Simpson CNW coupler and 5/8" all-thread to top of beam with 3' x 3" plate and 2" washer with nut.

GABLE ENDS:

At gable ends install one Simpson model H5 anchor where lookouts connect to end gable truss.

At left and right end gables install one Simpson LSTA18 - 4' on center connecting gable end truss to wall framing.

BRACING: At each gable end install one 2x4 SPF 8' stud spaced 6' on center horizontal along top of bottom chord of trusses, nail with 2-12d nails at each truss including end truss. In addition, install a 2x4 brace extending from this stud at the gable end truss 45 degrees to truss at roof sheathing, nail with 2-12d nails where it crosses truss members and at ends. Gable end truss shall be built to receive sheathing with vertical members 2' on center. Vertical members of gable end truss greater than 5' in height shall be stiffened with one 2x4 SPF nailed with 12d nails 8' on center to back of vertical member. (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.

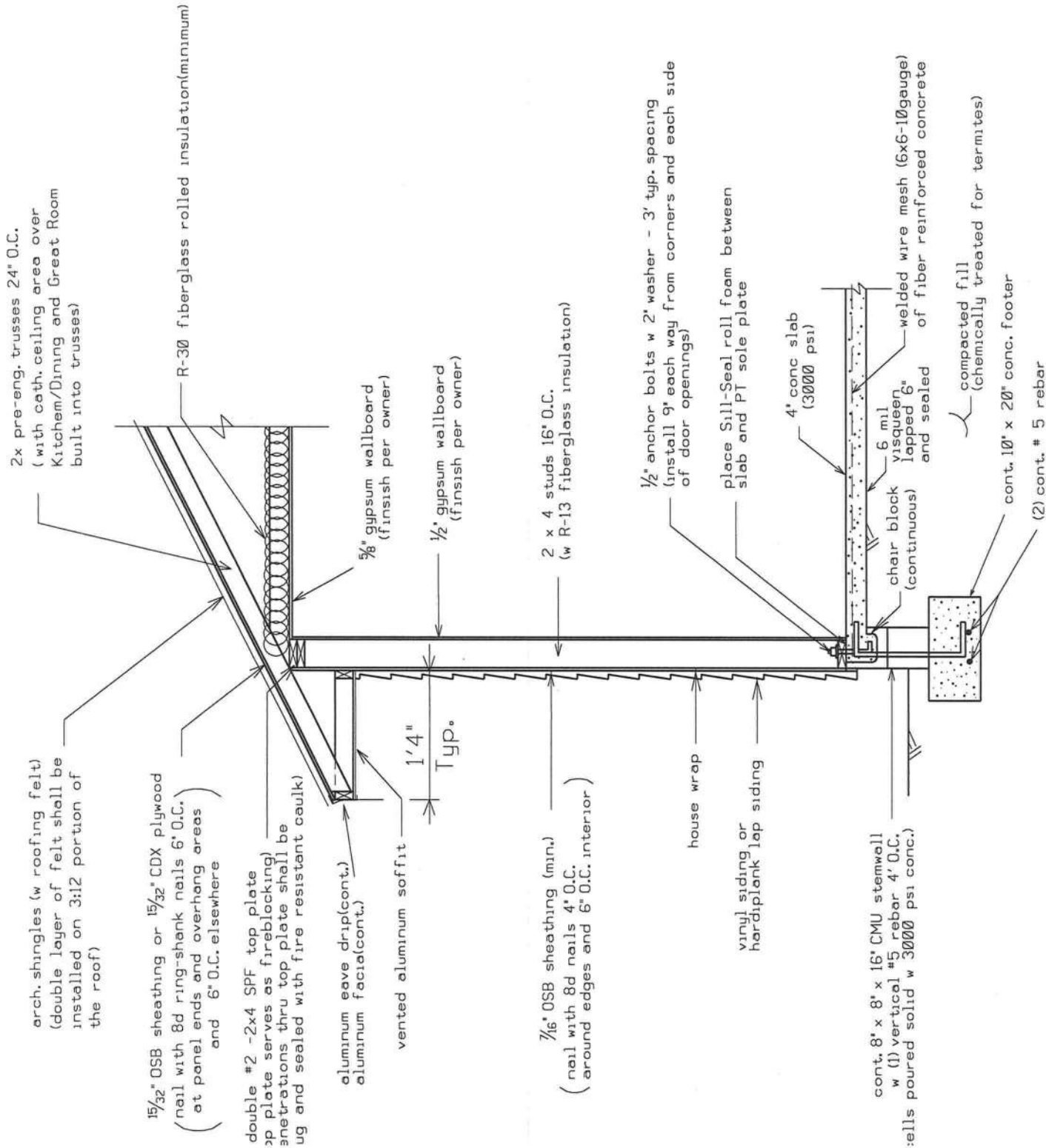
PORCH COLUMNS:

Install Simpson model ABUG6 and AC6Max, ACE6(Max) may be used at end columns,

CARPOT COLUMNS:

See Foundation Plan for anchor requirements.

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



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

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

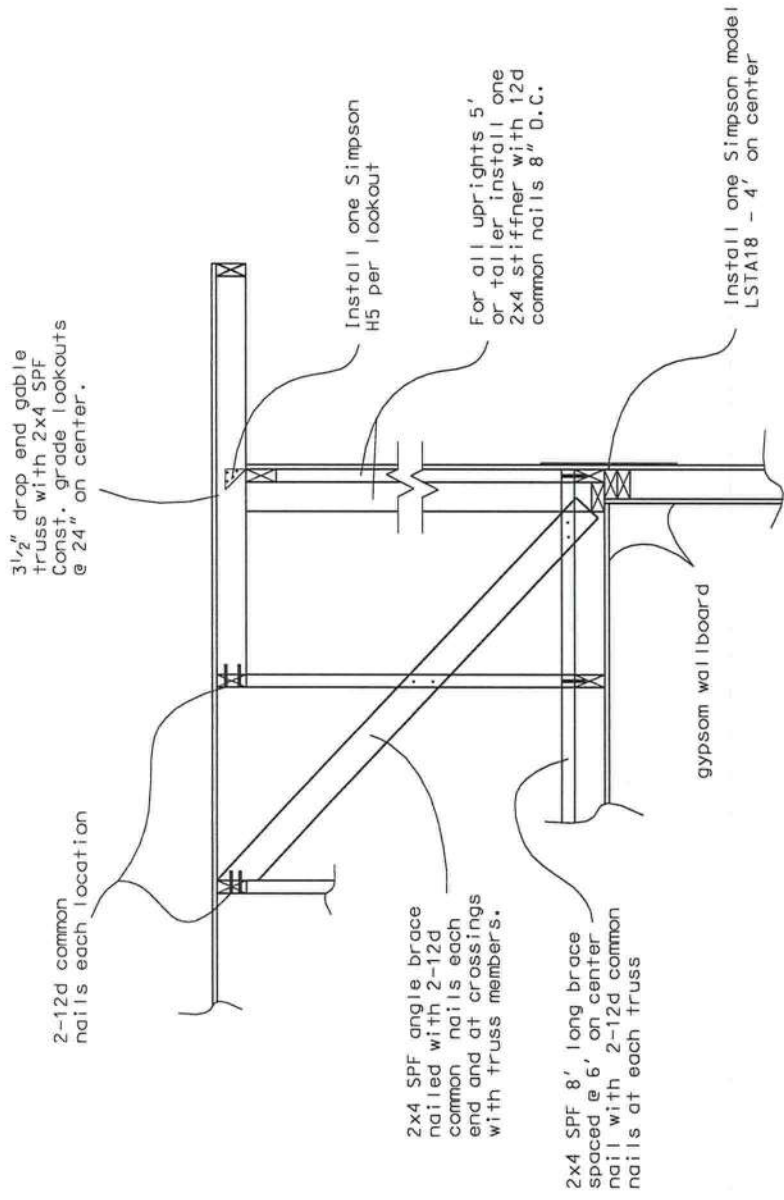
WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2x12's with 1/2" plywood or OSB between nailed with 12d nails 10" on center top and bottom.

FRONT AND REAR PORCH HEADERS: 2 - #2 SYP 2x10's with 1/2" plywood or OSB between nailed with 12d nails 10" on center top and bottom.

CARPOT HEADERS: 2 - #2 SYP 2x12's with 1/2" plywood or OSB between nailed with 12d nails 10" on center top and bottom.

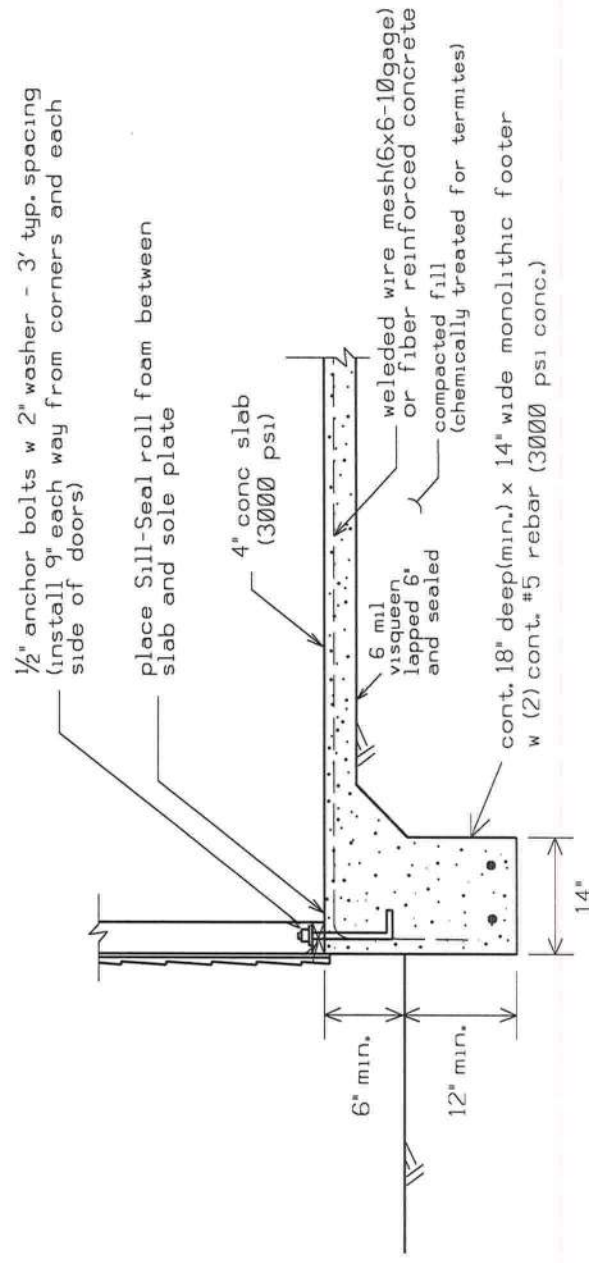
Note: Where Rear Porch header attaches to Carport header and front porch headers attach to home install Simpson HUC410 hangers.

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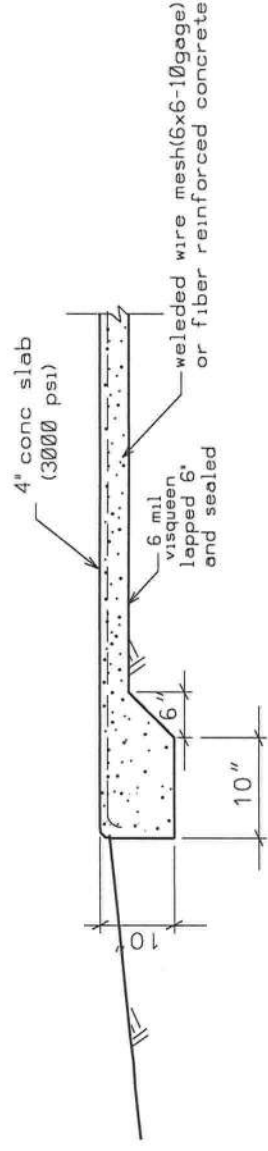


**GABLE END BRACING
DETAIL (N.T.S.)**

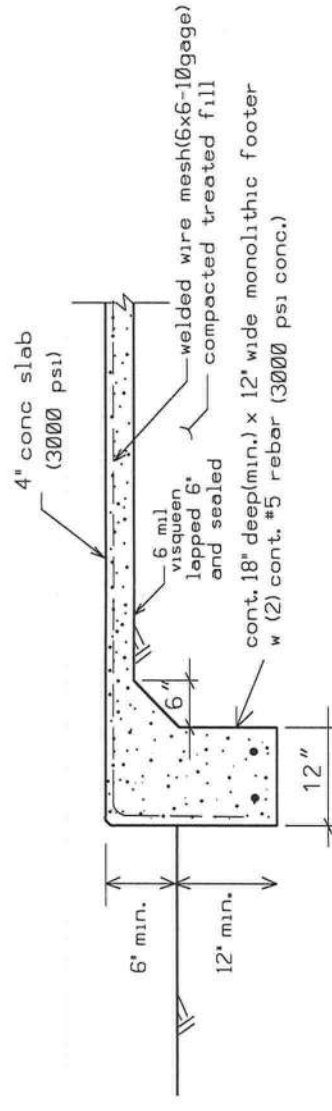
NOTE: Gable end trusses shall be dropped 3 1/2" for construction of lookouts & overhang.



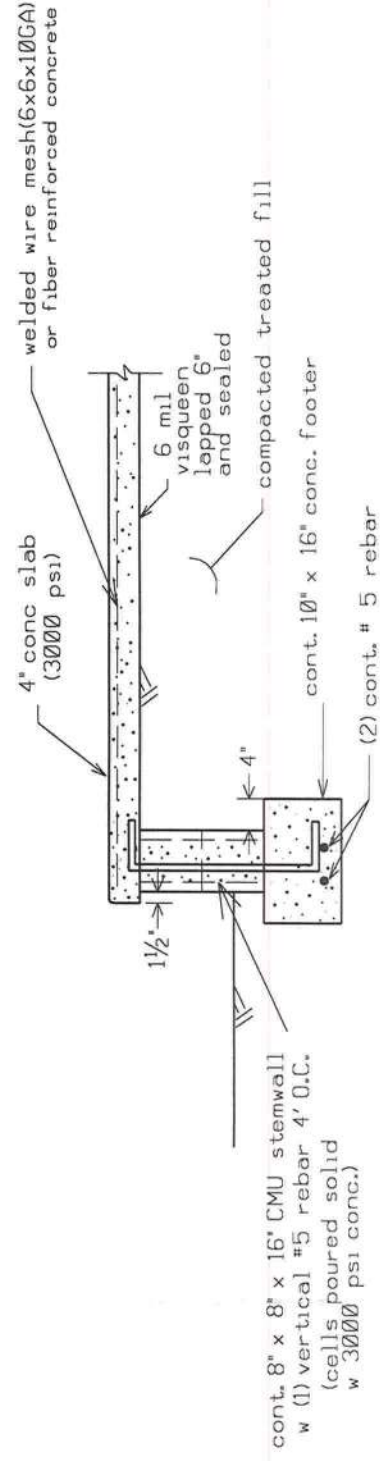
**DETAIL "B" - OPTIONAL EXTERIOR WALL
MONOLITHIC FOUNDATION (N.T.S.)**



**DETAIL "E"
PAD EDGE THICKENING DETAIL (N.T.S.)**

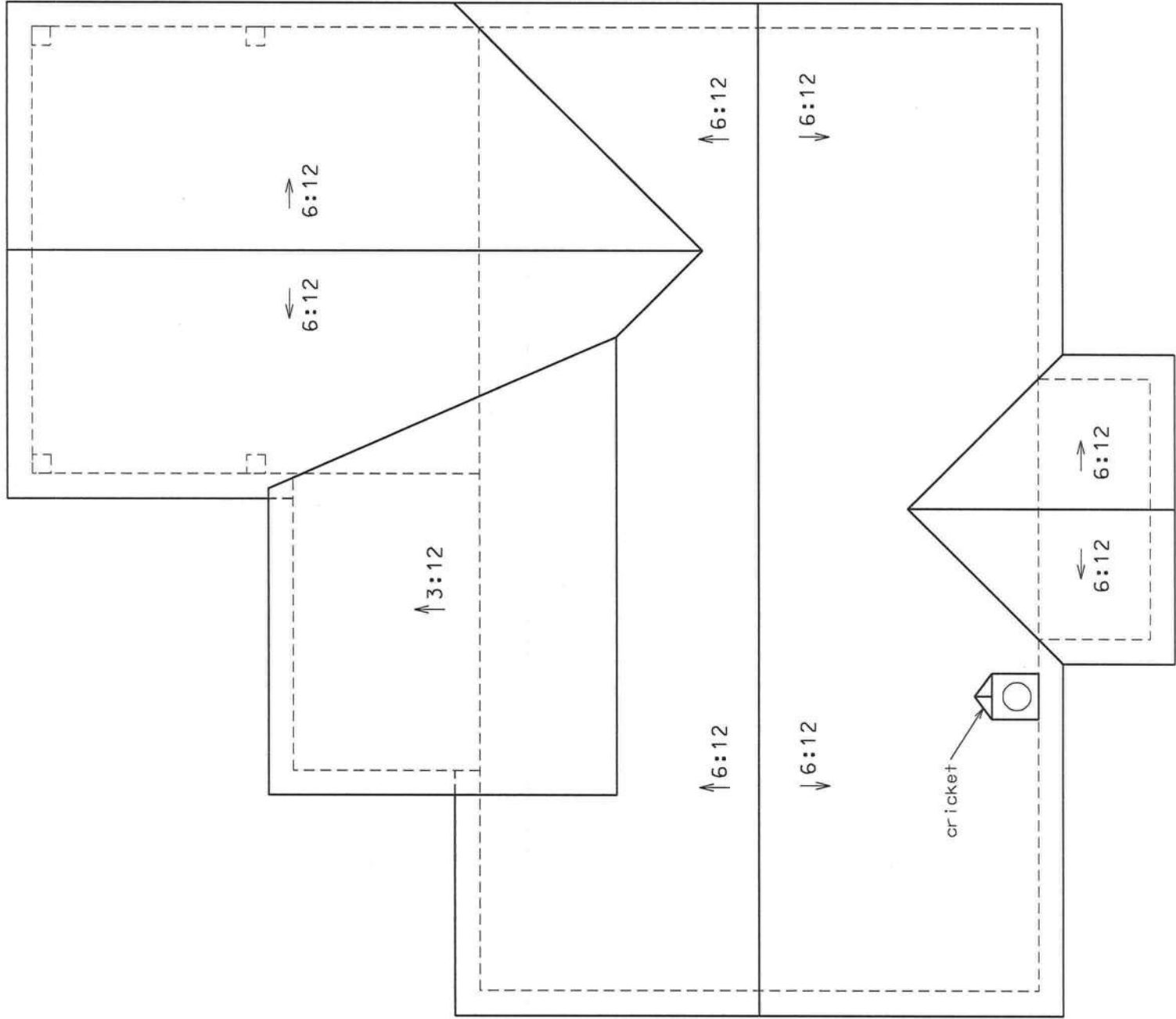


**DETAIL D - OPTIONAL
PORCH FOUNDATION DETAIL (N.T.S.)**



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

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ROOF PLAN

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WINDOWS		
SIZE/CONFIGURATION		QUANTITY
2020SH(opaque)		1
2050SH		3
3030SH		1
3034SH		1
3050SH		2
DBL-3060SH's		1
4050SH		1

EXTERIOR DOORS		
SIZE		QUANTITY
3068 (front entry door)		1
3068 (rear entry door)		1
2868 (utility room exit)		1

INTERIOR DOORS		
SIZE		QUANTITY
1668		1
2668		2
2868		4
3068		3
3068 pocket dr		1
3068 - 4 panel		3
attic access dr w ladder		2

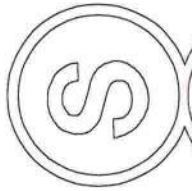
WINDOW AND DOOR SIZES

Rough-in dimensions vary per model/make of window/door. Verify actual rough-in dimensions prior to constructing opening.

Windows shall be Vinyl, Double-paned, Low E glass, Argon filled windows.

It is recommended that all interior bedroom, bathroom and utility doors be solid-core doors.

Exterior doors shall be metal or fiberglass(per owner) and shall be solid-core insulated doors.

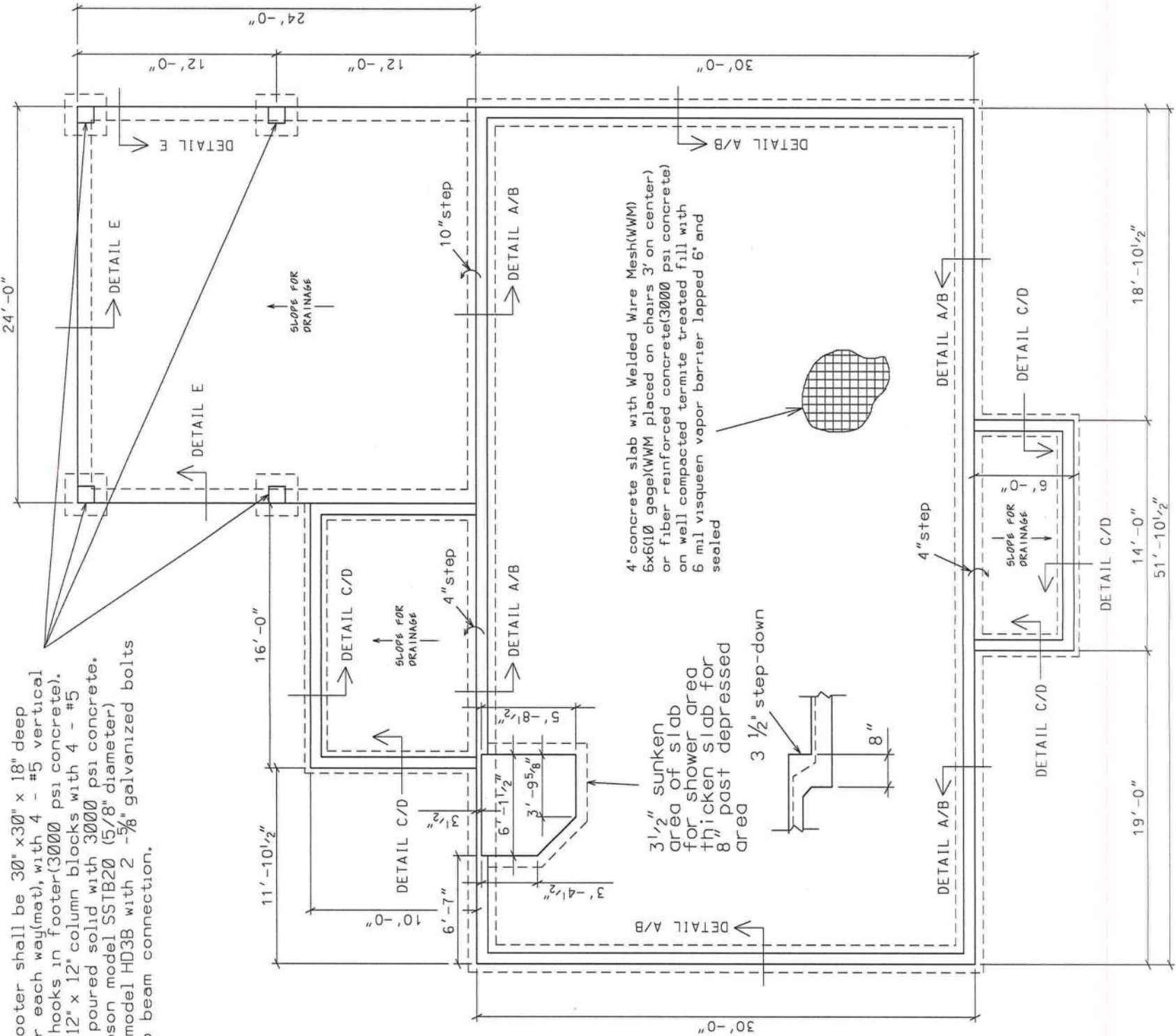


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MASONRY CARPORT COLUMNS:

Masonry pier footer shall be 30"x30" x 18" deep with 5-#5 rebar each way(mat), with 4 - #5 vertical rebar with ACI hooks in footer(3000 psi concrete). Piers shall be 12" x 12" column blocks with 4 - #5 vertical rebar poured solid with 3000 psi concrete. Install 1 - Simpson model SSTB20 (5/8" diameter) and 1 Simpson model HD3B with 2 - 5/8" galvanized bolts each column to beam connection.



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FOUNDATION PLAN



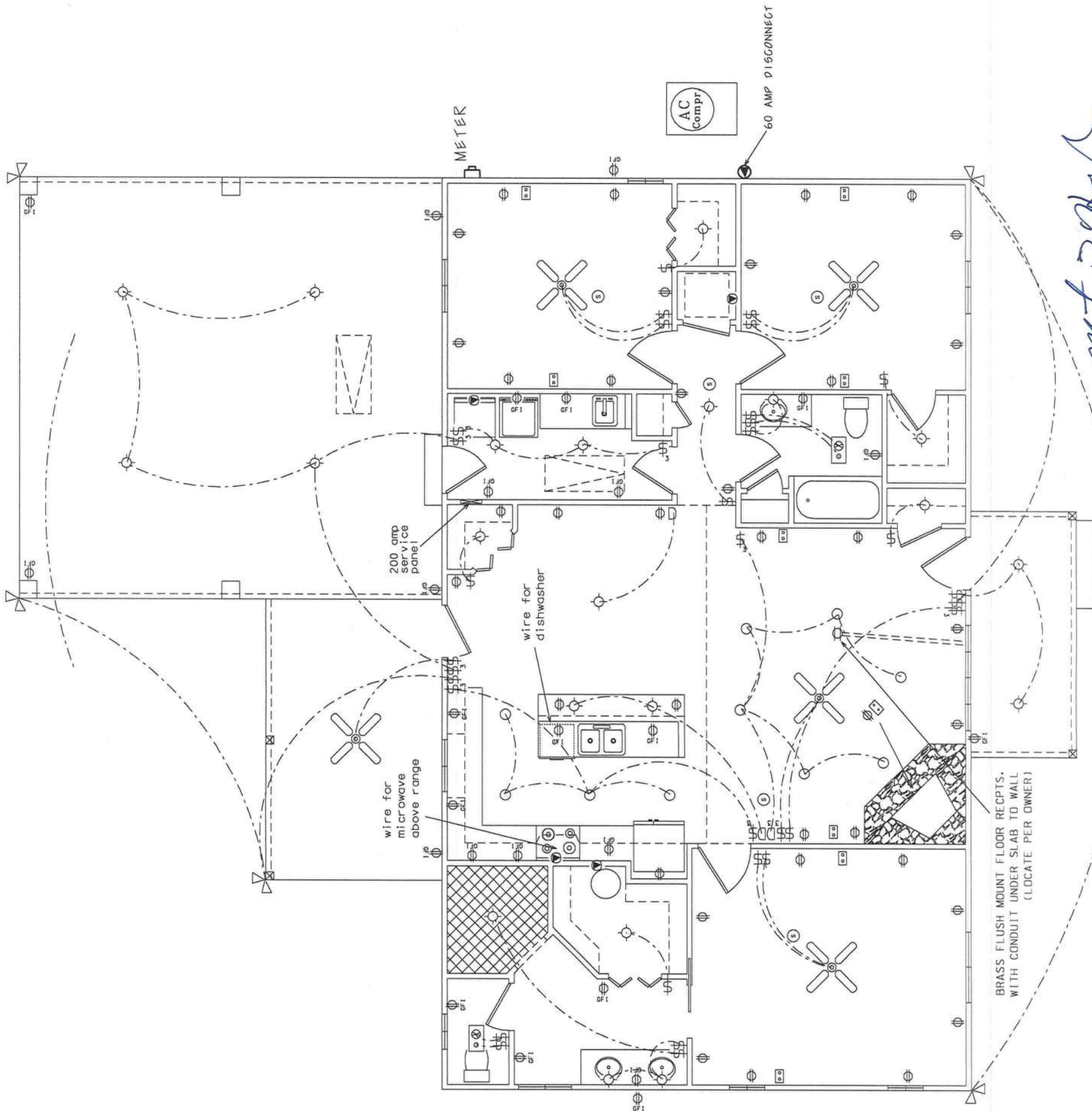
ELECTRICAL LEGEND

-  - CEILING FAN w LIGHTS
-  - LIGHT FIXTURE
-  - RECESSED CAN LIGHT FIXTURE
-  - SINGLE POLE SWITCH
-  - THREE-WAY SWITCH
-  - DIMMER SWITCH
-  - 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)
-  - TELEPHONE AND RG6 COAX

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 2 LIGHTS IN CARPORT ATTIC AREA WITH SWITCH NEAR ATTIC ACCESS.
- 4.) PLACE 4 LIGHTS IN MAIN HOME ATTIC AREA WITH SWITCH NEAR ATTIC ACCESS.

ELECTRICAL PLAN



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SHEET
9
OF
9