

COOPER RESIDENCE PLANS COLUMBIA COUNTY, FL

Plan Sheet Index:

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

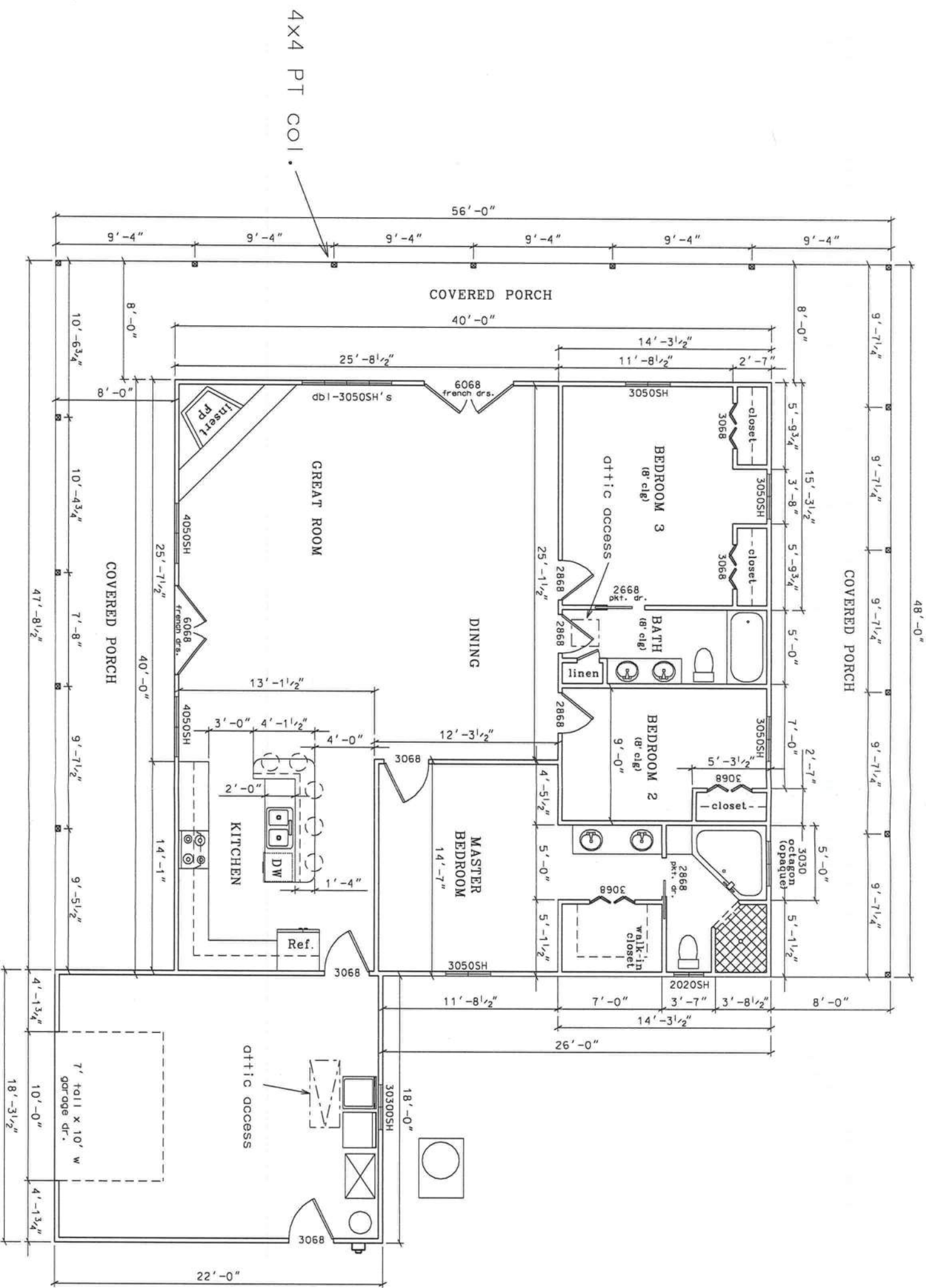


PLANS PREPARED BY:
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COOPER RESIDENCE PLANS
COLUMBIA COUNTY, FLORIDA

SHEET
1
OF
9

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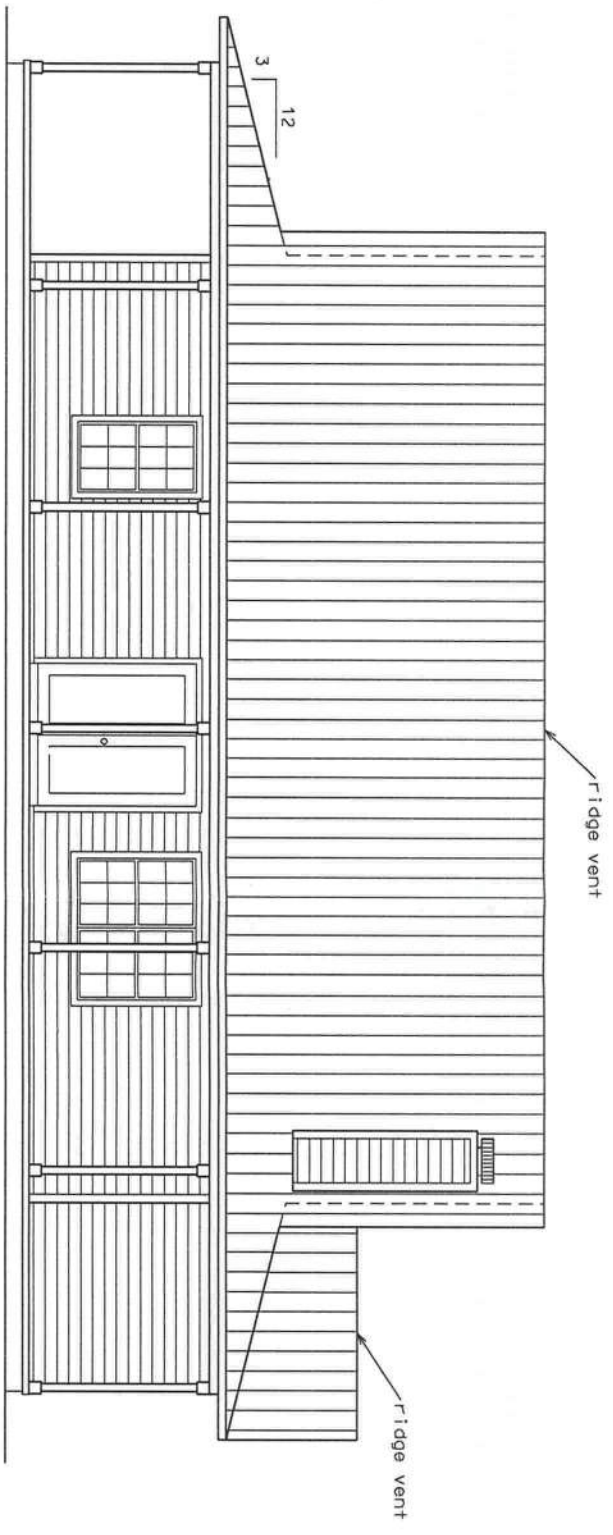


FLOOR PLAN

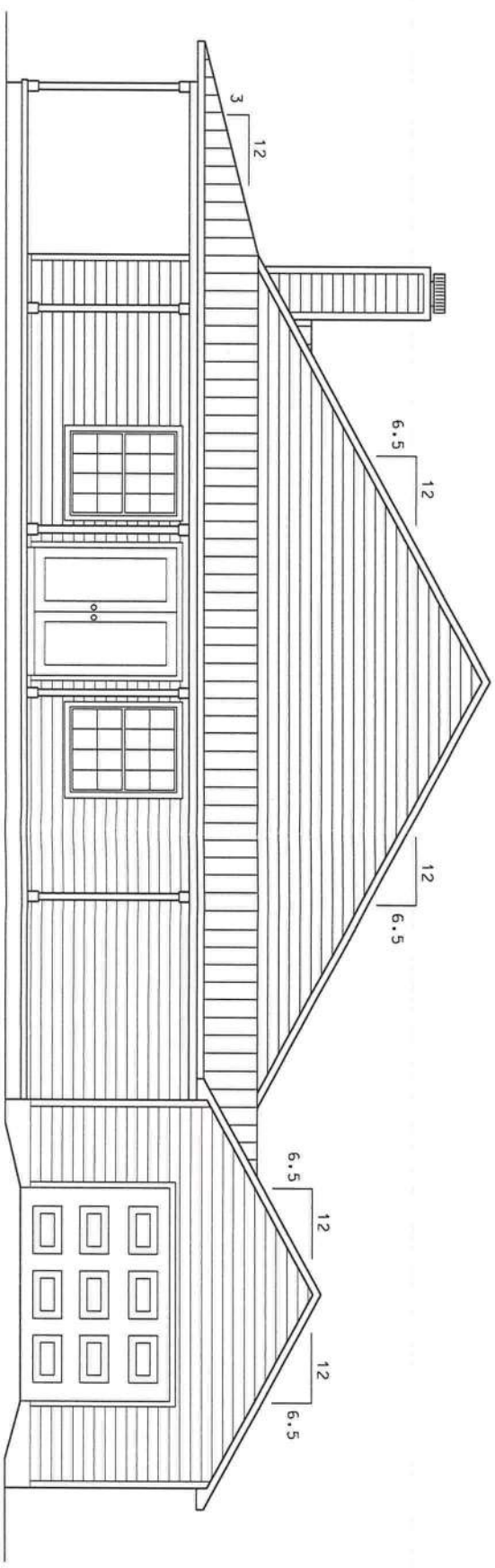
0 4' 8'
Scale

LIVING AREA - 1600 SQ. FT.
GARAGE - 398 SQ. FT.
PORCHES - 1085 SQ. FT.

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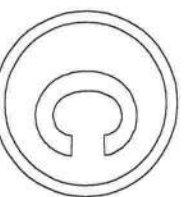
LEFT ELEVATION

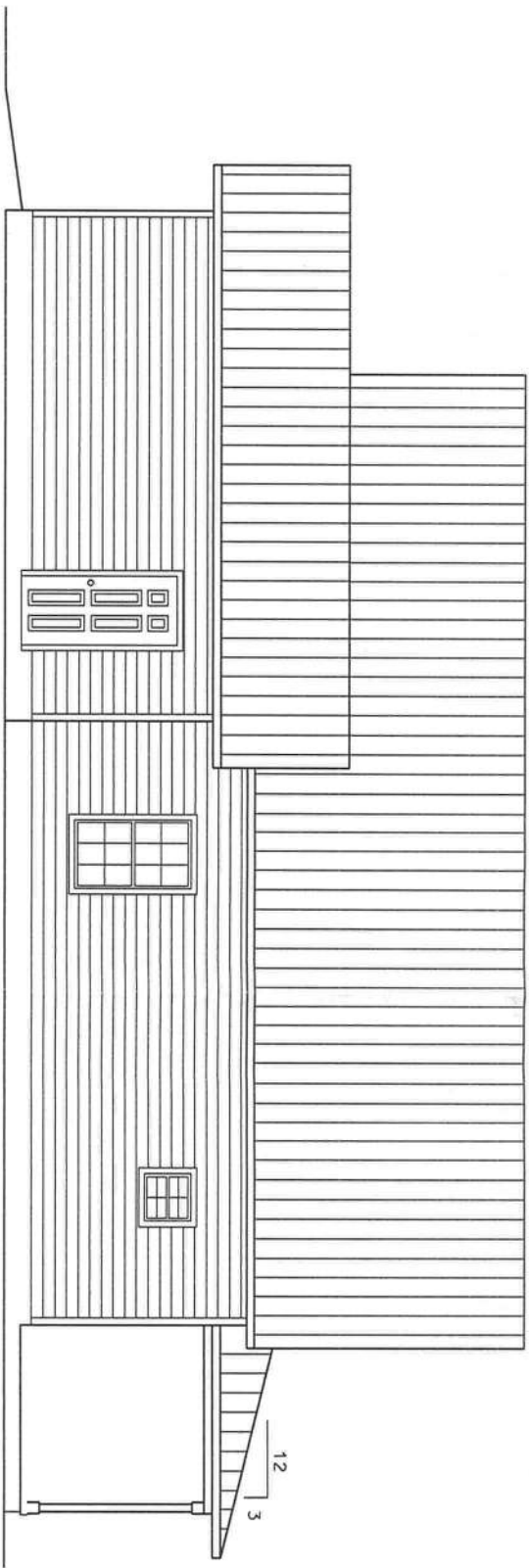


FRONT ELEVATION

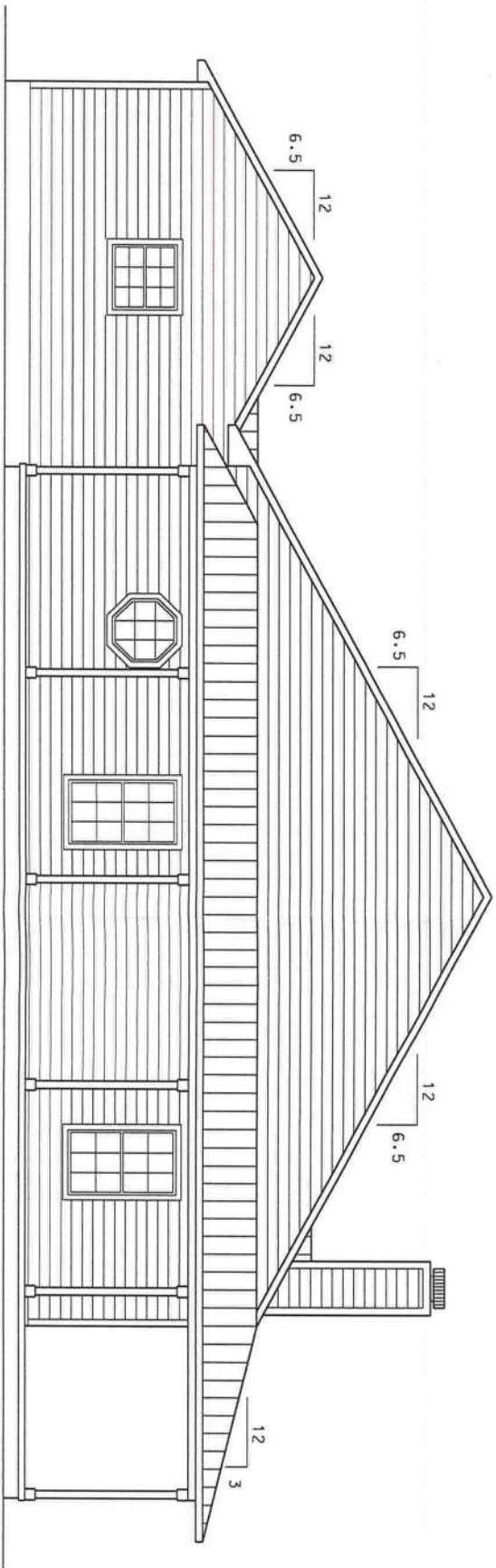
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0 4' 8'
scale



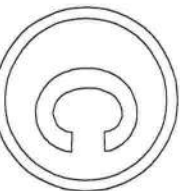
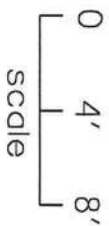


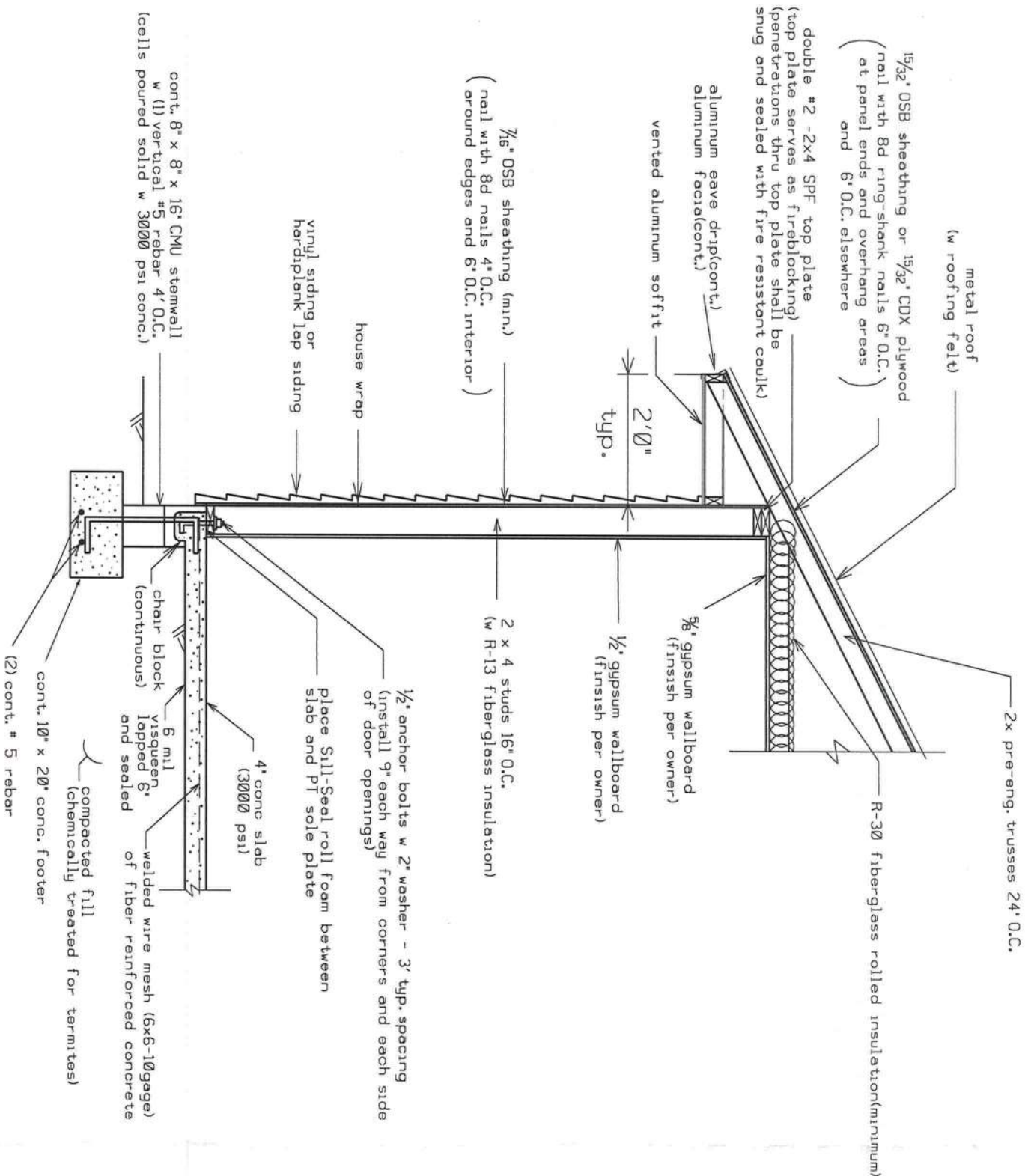
RIGHT ELEVATION



REAR ELEVATION

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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.

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

Note: Jack trusses over front and rear porch bear 2" onto exterior wall. Gable trusses shall be inset 2" from outside of wall to provide bearing. Truss manufacturer must address additional 2" length required. Also note that right end of common trusses must be built with heel ht. to match left end over exterior wall. This is necessary to provide room for ductwork passage from garage.

STRAPPING AND ANCHOR REQUIREMENTS
(Designed In accordance with the 2007 FBC and amendments):

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 110 mph
Importance Factor = 1.0
Exposure Category = B
Residential Occupancy = Group R3
Mean Roof Height = 15'
Height and Exposure Adjustment Coefficient = 1.0
Roof Cross Slope = 3:12, 6.5:12
Wall Height = 8'
Analysis Method = ASCE 7-05
Component and Cladding Pressures = Roof (Zone 1=12.5,-19.9, Zone 2=12.5,-34.7, Zone 3=12.5,-51.3), Wall (Zone 4=21.8,-23.6, Zone 5=21.8,-29.1) (units are psf)

TRUSS ANCHORS:

At Truss to Exterior Wall Locations and porch beam locations: install one Simpson model H10 anchor for all common trusses. For hip trusses install Simpson HCP anchor and for jack trusses 10' or less install Simpson H2.5A at walls. Note: set in front and rear gable trusses 2" to provide bearing for jack trusses. Nail 2-12d nails thru bottom chord of gable truss into jack truss ends.

WALL STRAP TIES:

At top and bottom of exterior walls install one Simpson model SP4 at each side of each door or window 4' or less in width. For windows or doors greater than 4' in width install 2-SP4's each side top and bottom of the wall. For garage door install 2 Simpson SPH4's top and bottom of the wall each side of opening. All other wall locations install one SP4 top and bottom of the wall 4' on center.

CABLE ENDS:

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

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.

PORCH COLUMNS:

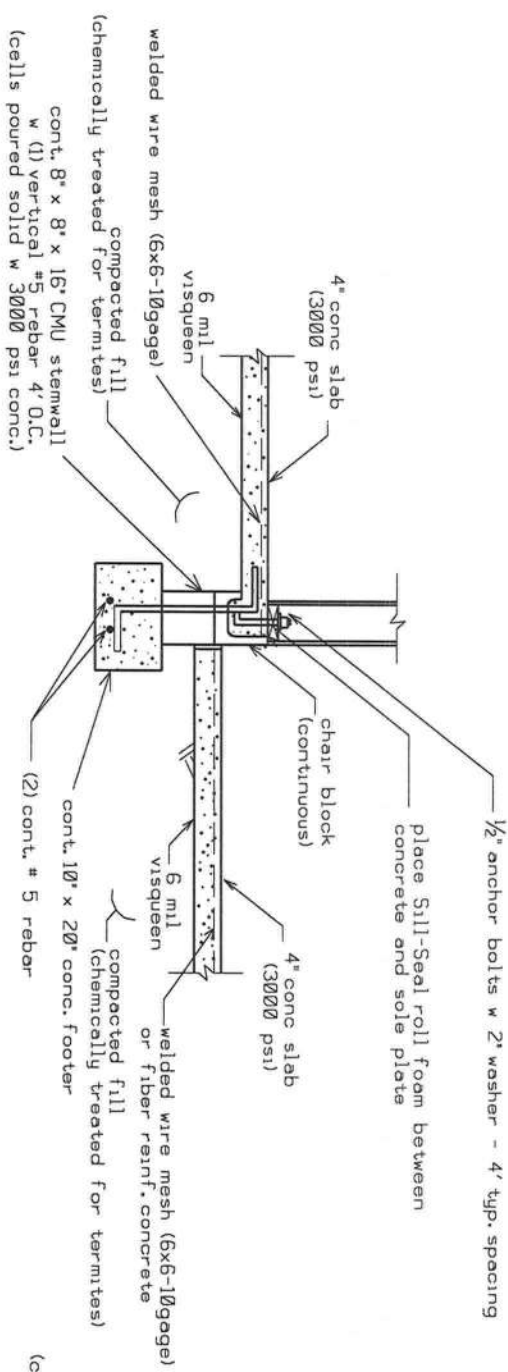
Porch column anchors shall be ABU44 and cap shall be AC4Max.

SHEATHING:

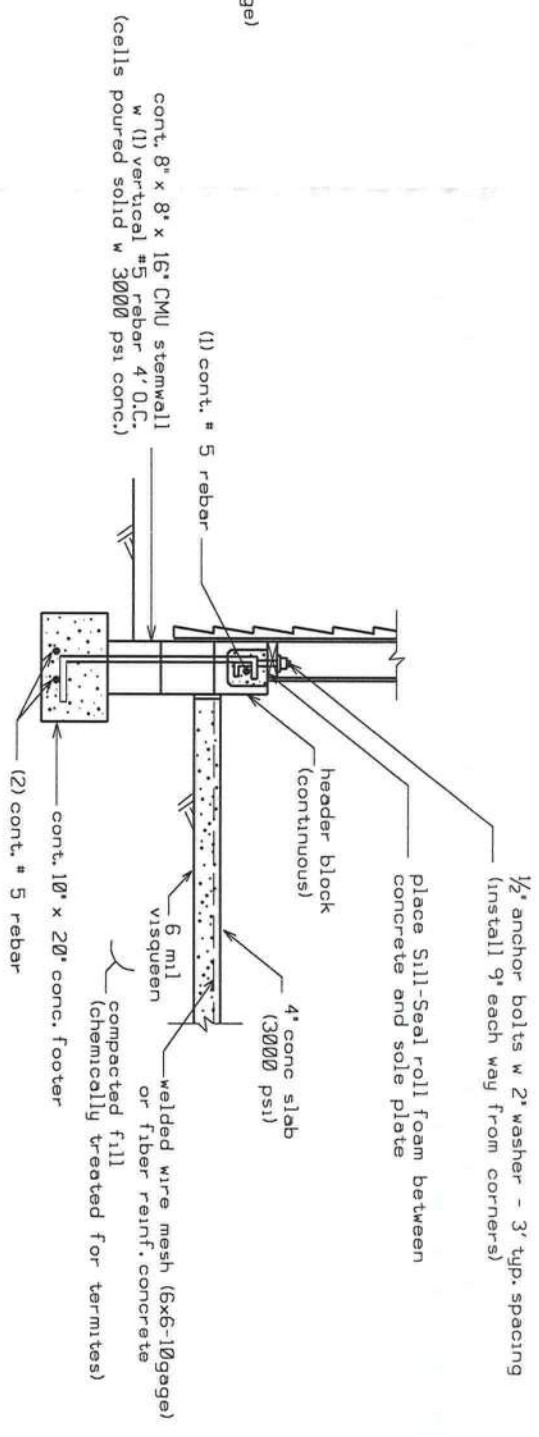
Wall sheathing shall be installed with long dimension vertical on exterior walls and full-depth blocking shall be required at horizontal joints in sheathing.

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

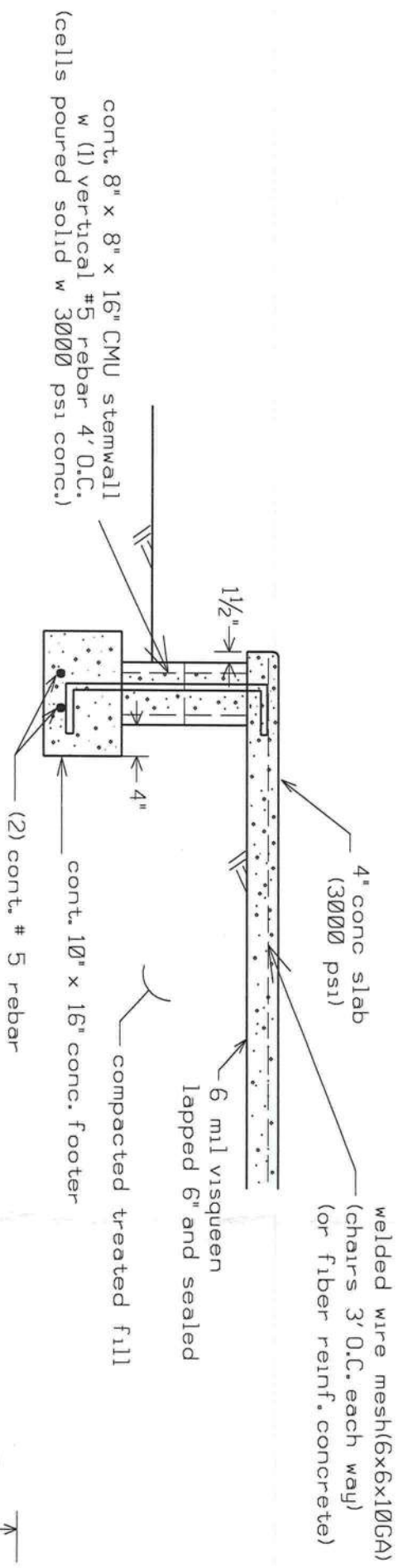
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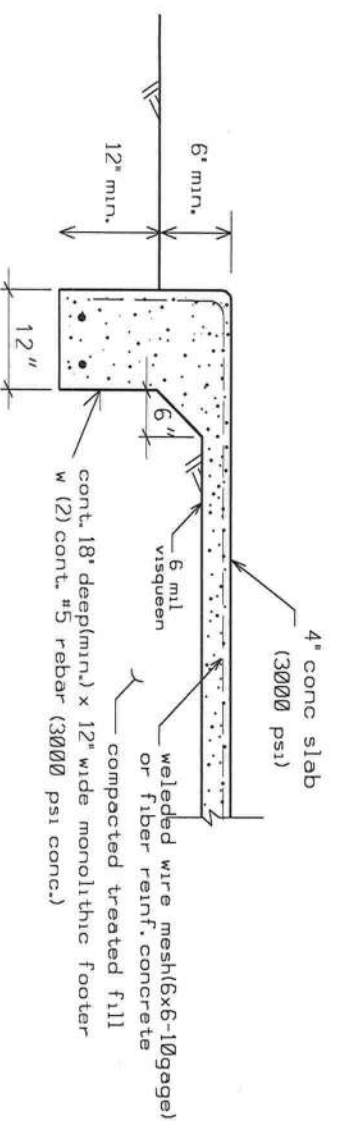
DETAIL "D"
INTERIOR GARAGE STEMWALL WITH FLOATING SLAB(N.T.S.)



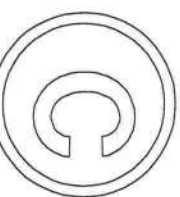
DETAIL "C"
GARAGE STEMWALL WITH FLOATING SLAB(N.T.S.)



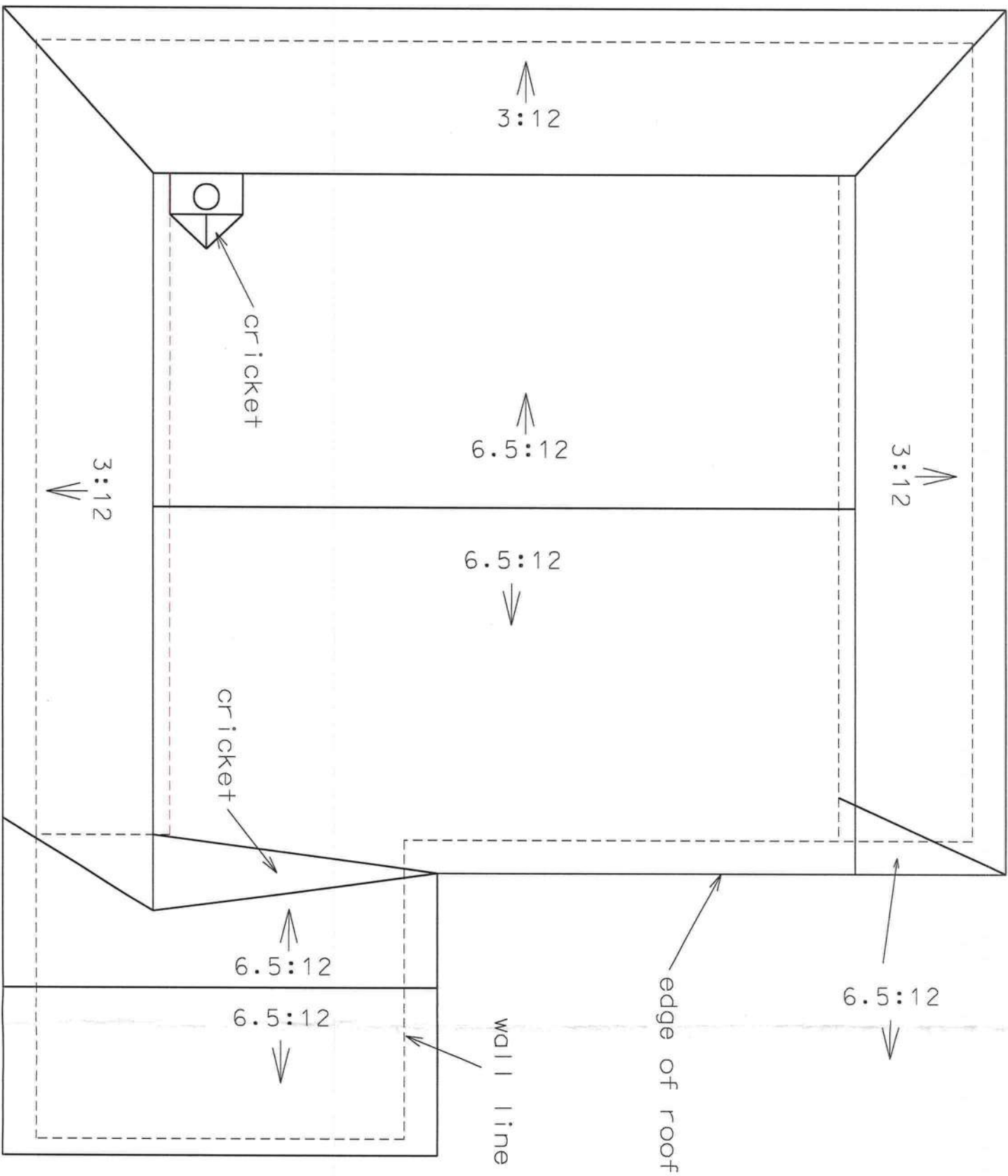
DETAIL B - PORCH FOUNDATION (N.T.S.)



OPTIONAL DETAIL "B"
PORCH FOUNDATION DETAIL
N.T.S.



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ROOF PLAN

0 4' 8'
scale

WINDOWS	
SIZE/CONFIGURATION	QUANTITY
2020SH	1
3030SH	1
3030 octagon (opaque)	1
3050SH	4
4050SH	2
dbl-3050SH's	1

EXTERIOR DOORS	
SIZE	QUANTITY
3068	2
6068 french drs.	2
10' w x 7' + garage dr.	1

INTERIOR DOORS	
SIZE	QUANTITY
1668	1
2668 pocket door	1
2868	3
2868 pocket door	1
3068	1
3068 4-panel folding dr	4
attic access hatch(square)	1
attic access dr w ladder	1

WINDOW AND DOOR SIZES

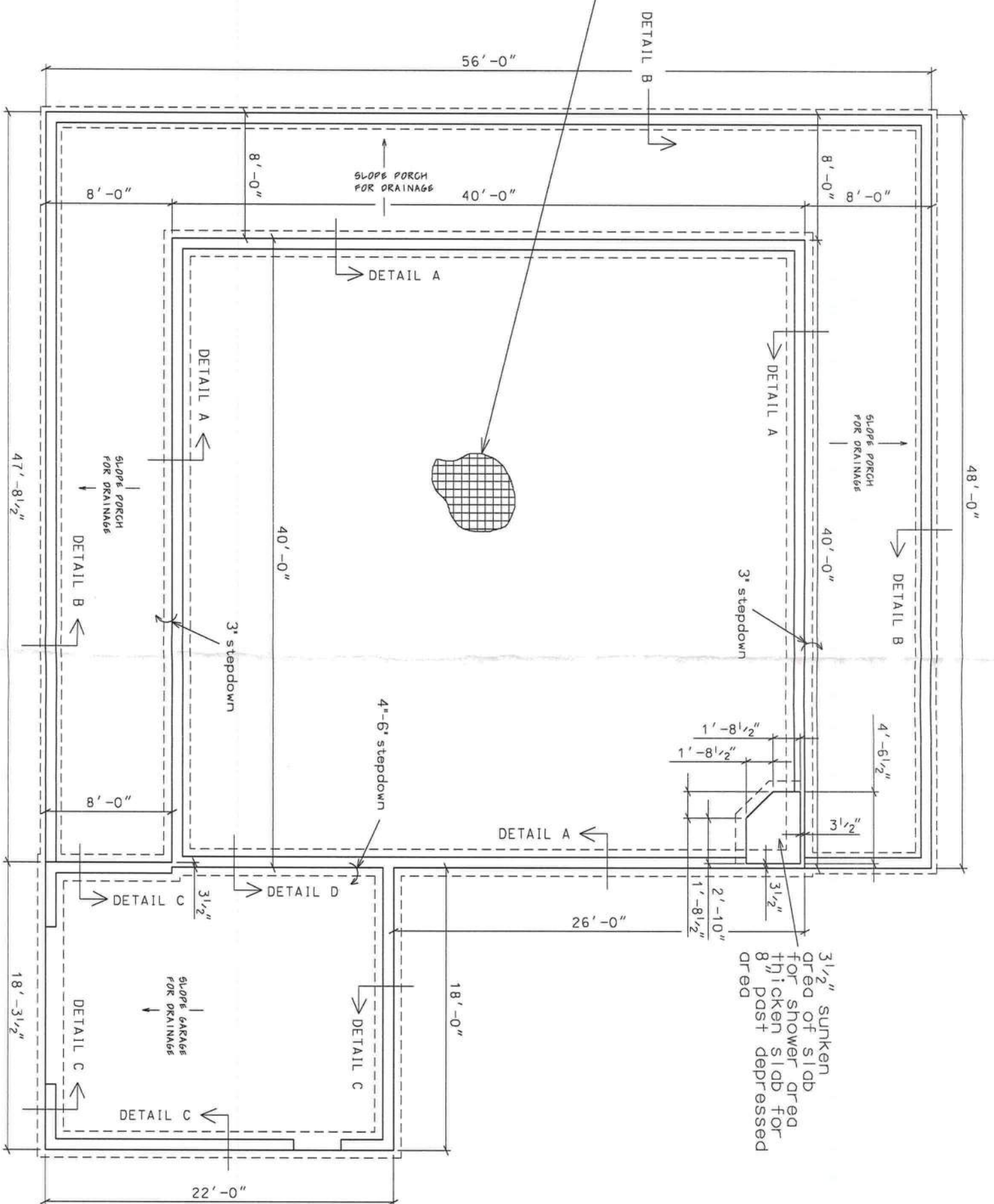
Windows shall be vinyl with double-paned low-e glass.

It is recommended bedroom doors and bathroom doors be solid core doors.

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

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4" concrete slab with Welded Wire Mesh(WWM) 6x6(10 gage)(WWM placed on chairs 3" on center)on compacted termite treated fill with 6 mil visqueen vapor barrier lapped 6" and sealed Note: fiber reinforced concrete may be used in place of WWM.



FOUNDATION PLAN

NOTE: DIMENSIONS ARE FROM OUTSIDE OF BLOCK.

0 4' 8'

scale

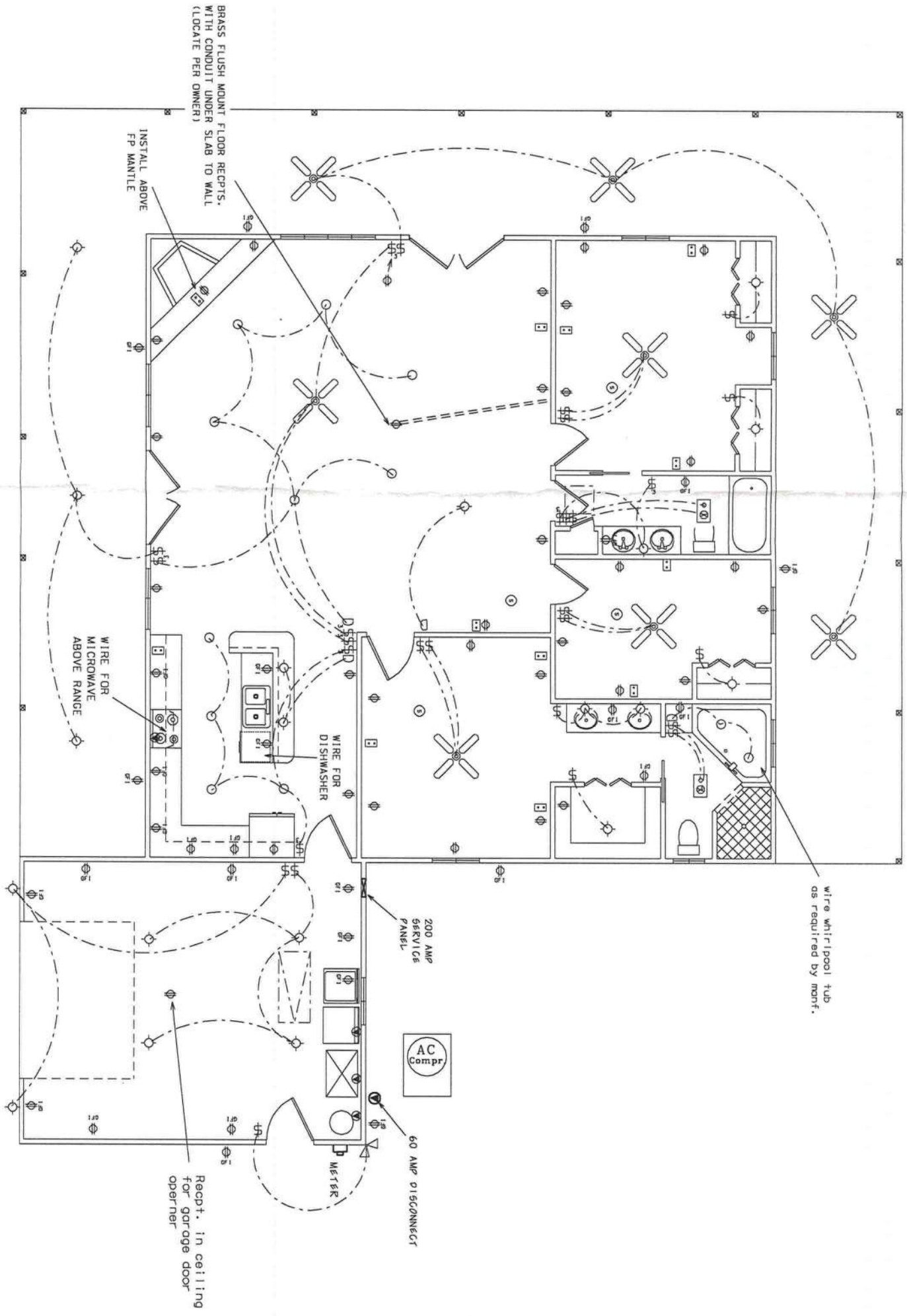
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Marty D. Kelly

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:

- ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.
- ALL RECEPTS NOT A GFI OR PART OF A GFI CIRCUIT SHALL BE PART OF AN AFCI CIRCUIT.
- SMOKE DETECTOR/ALARM IN MAIN LIVING AREA SHALL ALSO BE A CARBON MONOXIDE DETECTOR. DETECTORS SHALL BE INTERCONNECTED.



ELECTRICAL PLAN

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