

Office copy

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3-8-06

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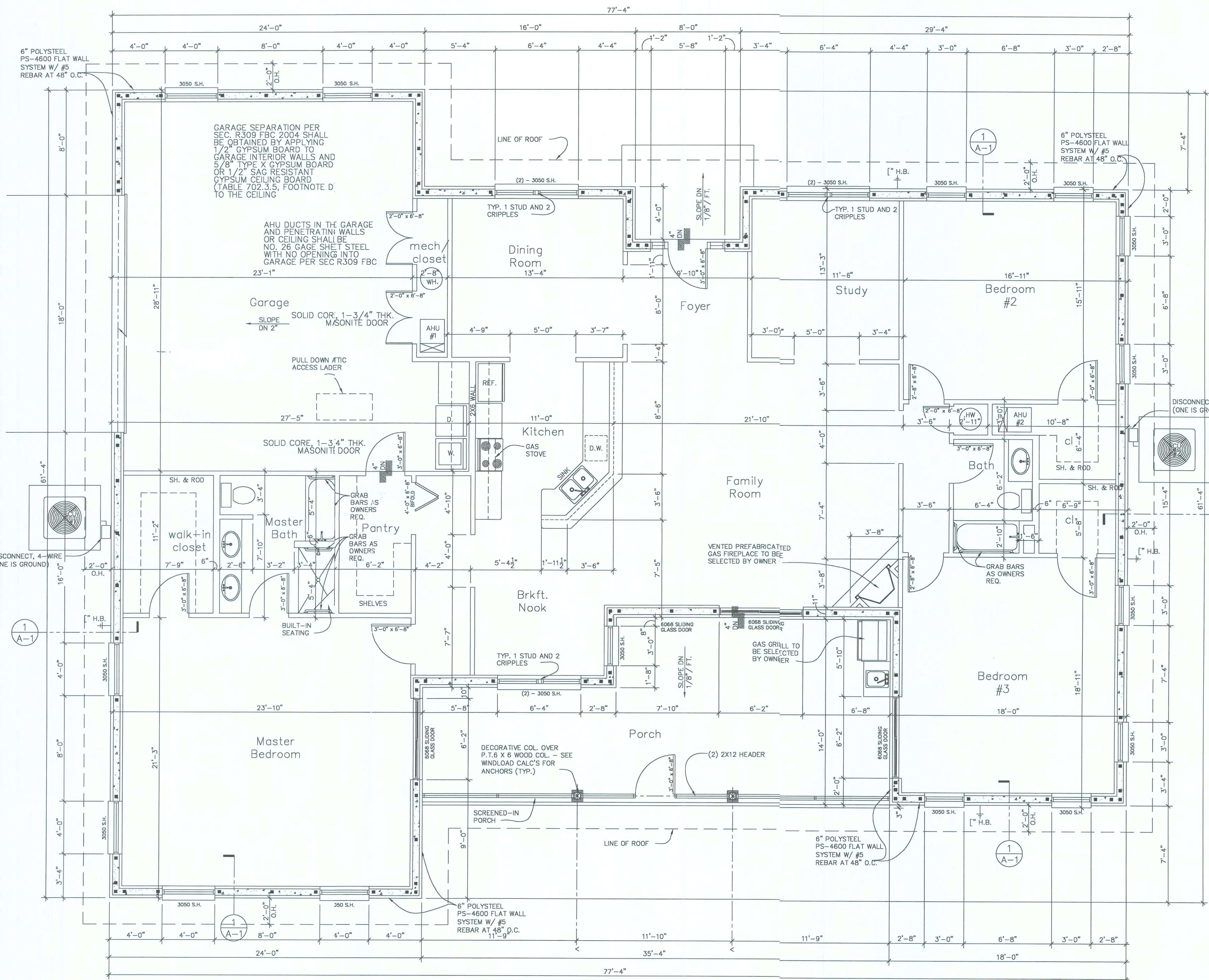
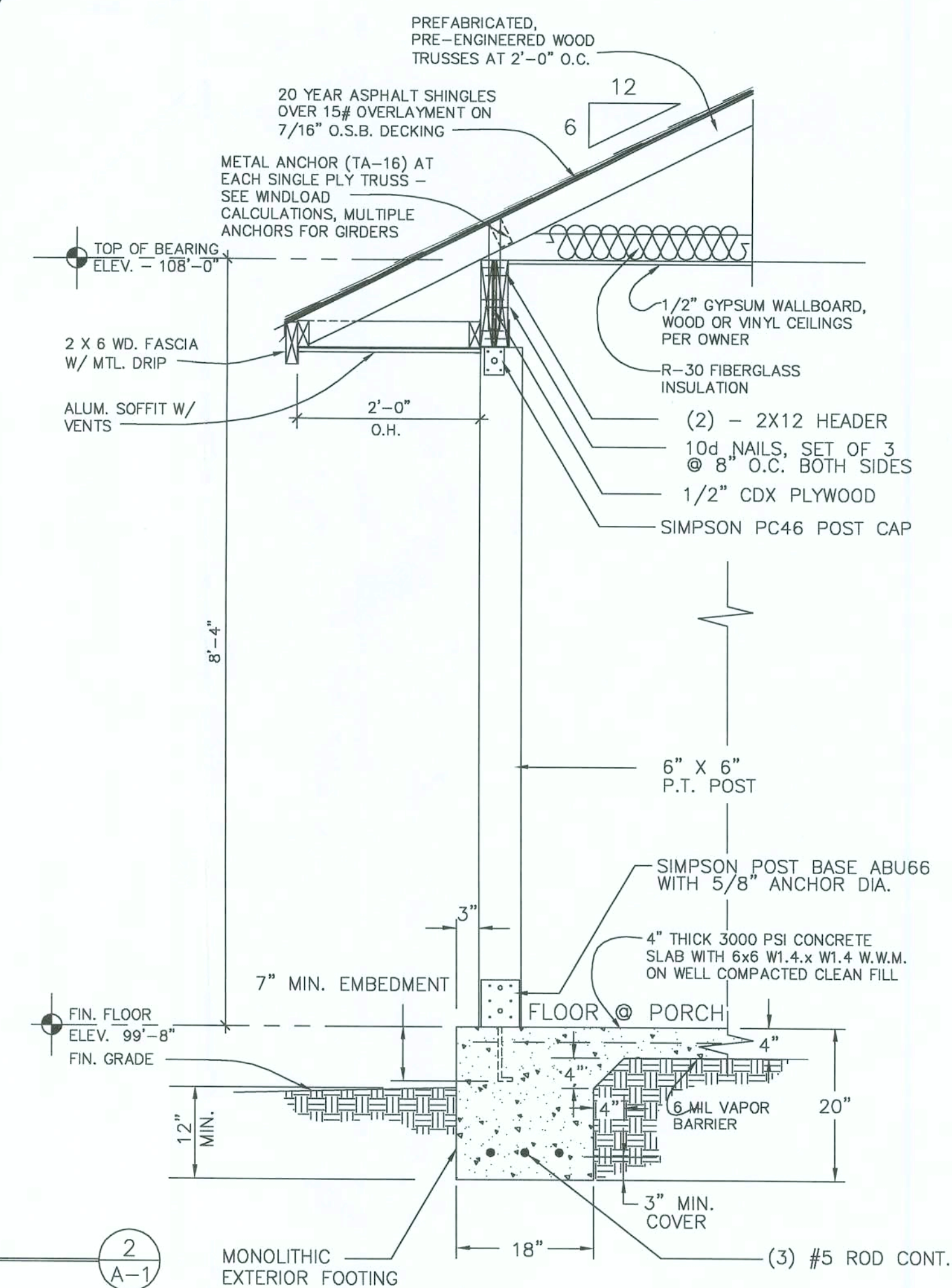
DATE	DRAWN BY	REVISION
12/6/05	R.L.A.	
JOB NUMBER	CHECKED BY	
0524	R.L.A.	

A New Residence for
Nancy Boone
Columbia County, Florida

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OF 5

GENERAL NOTES

- ALL WORK SHALL BE DONE STRICT ACCORDANCE WITH THE LATEST REVISIONS TO THE "FLORIDA BUILDING CODE - 2004" AND ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS OF LOCAL GOVERNING AUTHORITIES.
- ALL SUB-GRADE UNDER BUILDINGS SHALL BE WELL COMPACTED TO ACHIEVE A BEARING CAPACITY OF 2500 P.S.F. (2000 P.S.F. MINIMUM)
- ALL CONCRETE WORK FOR USE IN FOOTINGS SHALL BE A MINIMUM OF 3000 P.S.I. ALL OTHER LOCATIONS SHALL HAVE CONCRETE WITH A MINIMUM STRENGTH OF 3000 P.S.I. ALL REINFORCING STEEL SHALL BE GRADE 60. ALL CONCRETE AND STEEL REINFORCING WORK SHALL BE DONE IN STRICT ACCORDANCE WITH A.C.I. - 318 AND ITS LATEST REVISIONS.
- ALL CONCRETE BLOCK SHALL BE GRADE N-1. MORTAR FOR USE BELOW FINISH FLOOR AND GRADE SHALL BE TYPE "M".
- ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A-307. ALL FRAMING ANCHORS SHALL BE GALVANIZED, TYPE AND SIZE AS REQUIRED FOR EACH SPECIFIC LOAD AND INSTALLATION APPLICATION. PROVIDE A 2" ROUND OR SQUARE WASHER.
- STRUCTURAL FRAMING LUMBER SHALL BE NUMBER 2 SOUTHERN YELLOW PINE, F = 1550 P.S.I., OR EQUAL. WALL FRAMING LUMBER SHALL BE NUMBER 1 OR 2 SPRUCE / PINE / FIR OR CEDAR. ALL WOOD SHEATHING SHALL BE FOR EXTERIOR USES AND 1" TONGUE AND GROOVE PLYWOOD FOR BONUS ROOM FLOOR SHEATHING. ALL FINISH WOOD AND TRIM SHALL BE SELECTED BY THE OWNER.
- PREFABRICATED TRUSSES SHALL BE ENGINEERED FOR LIVE LOADS AS REQUIRED BY THE FLORIDA BUILDING CODE - 2004* AND ACTUAL COMPUTED DEAD LOADS, AND SHALL BE SO CERTIFIED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA.
- ASPHALT SHINGLE ROOFING SHALL BE SELECTED BY THE OWNER AND INSTALLED ON 30# FELT UNDERLAYMENT. FLASHING SHALL BE 26 GAGE GALVANIZED STEEL METAL OR ALUMINUM.
- ALL DOORS AND WINDOWS AND THEIR FINISHES AND HARDWARE SHALL BE SELECTED BY THE OWNER AND SHALL COMPLY WITH THE "FLORIDA BUILDING CODE - 2004". ALL WINDOWS SHALL HAVE INSULATED GLAZINGS.
- ALL FINISH MATERIALS, COLOR SCHEMES AND TEXTURES SHALL BE SELECTED BY THE OWNER.
- ALL TELEPHONE OUTLET LOCATIONS SHALL BE DETERMINED BY THE OWNER.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS INDICATED HEREIN AND SHALL NOTIFY THE DESIGNER OF ALL OR ANY DISCREPANCIES PROMPTLY. ANY DISCREPANCIES NOT BROUGHT TO THE ATTENTION OF THE DESIGNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



FLOOR PLAN

1/4" = 1'-0"



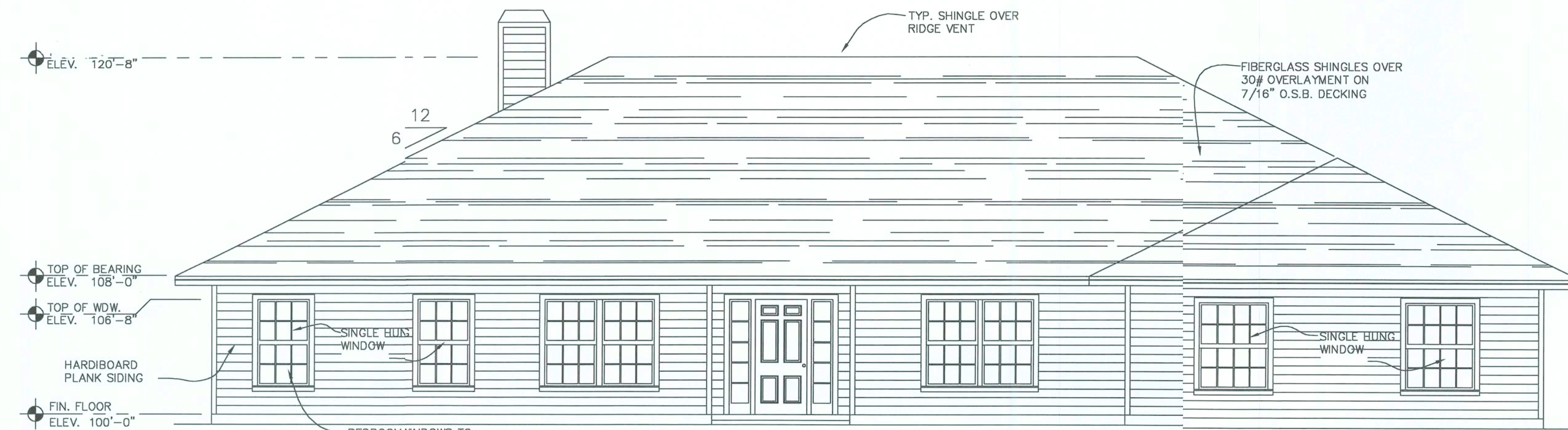
CONDITIONED AREA	2,765'
PORCH AREA	480'
GARAGE AREA	747'
TOTAL AREA	3992'

NOTE:
PROVIDE STUB OUT SLAB FOR STANDBY
GENERATOR. LOCATION TO BE FIELD
VERIFIED BY OWNER.

SECTION

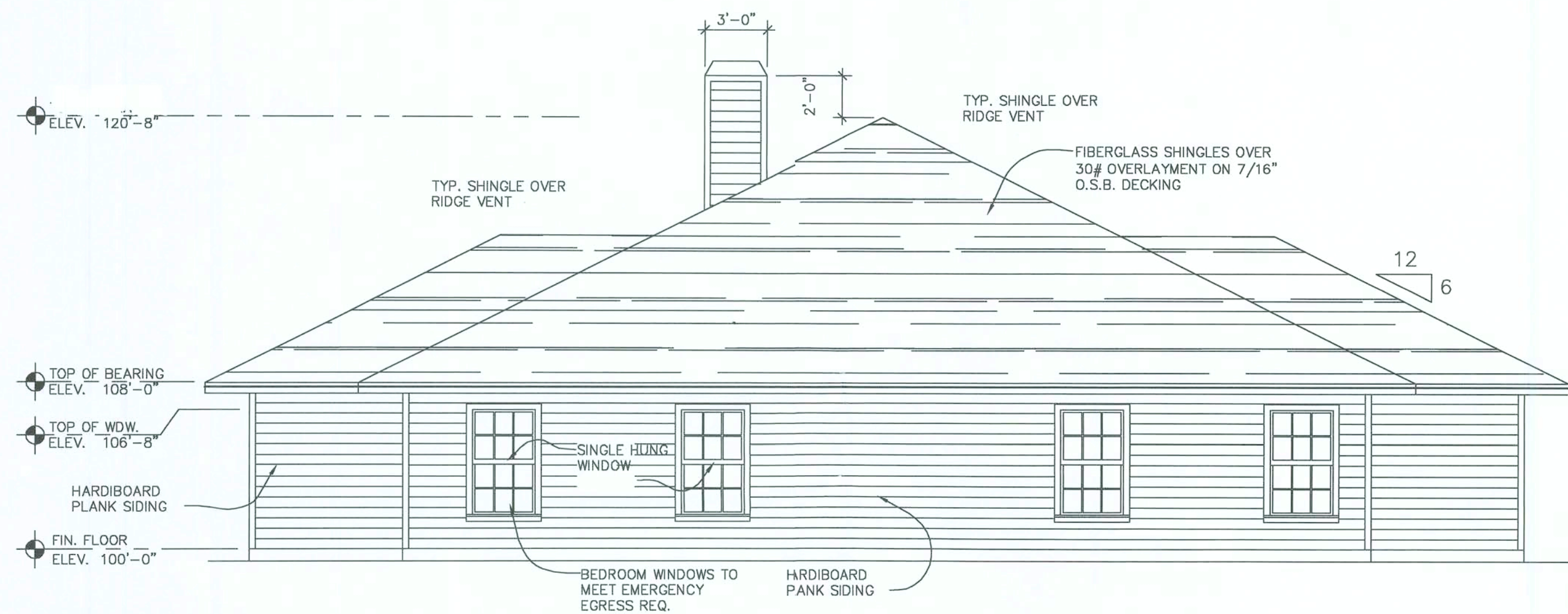
3/4" = 1'-0"

2
A-1



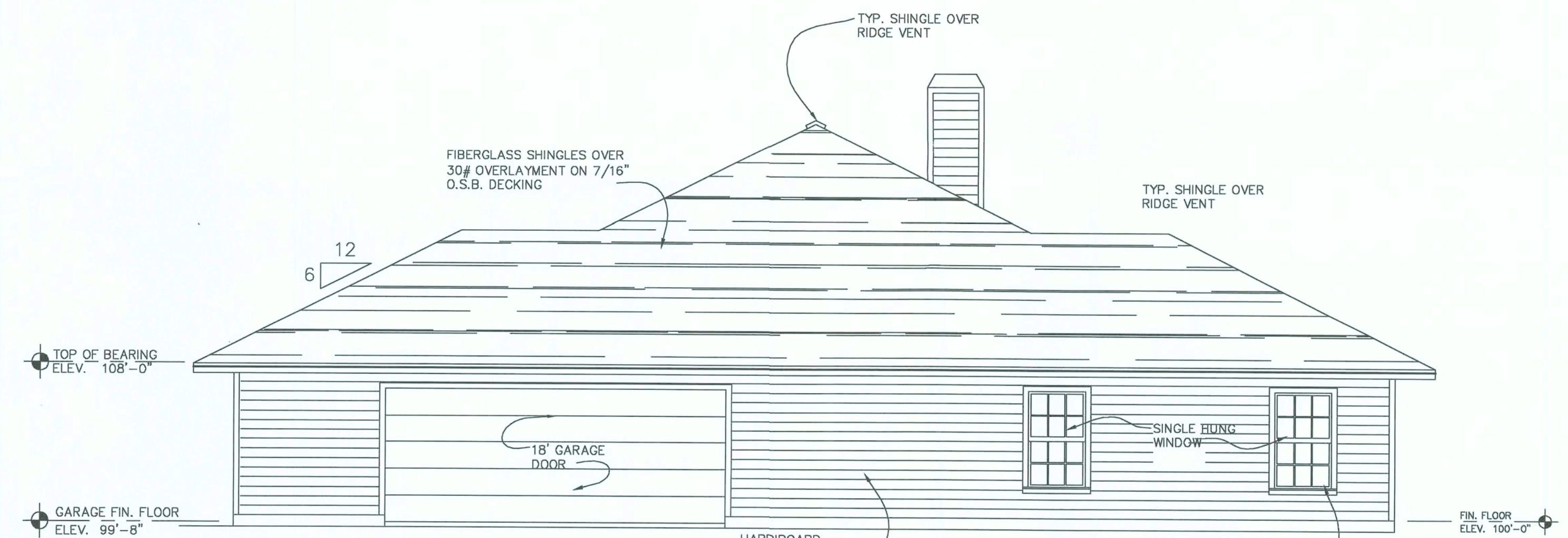
FRONT ELEVATION

3/16" = 1'-0"



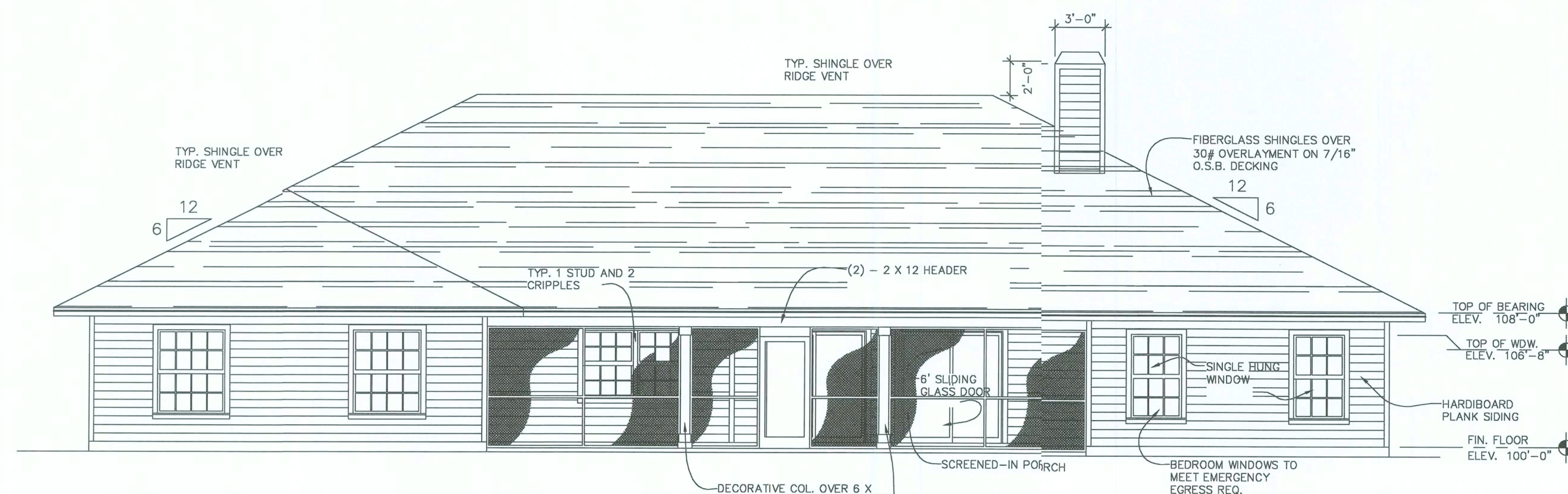
LEFT SIDE ELEVATION

3/16" = 1'-0"



RIGHT SIDE ELEVATION

3/16" = 1'-0"



REAR ELEVATION

3/16" = 1'-0"

WIND LOAD DESIGN

Compliance With Chapter 16, Section 1609, Florida Building Code 2004

Method of Design: ASCE 7-02

Designed For: Enclosed Building

Mean Roof Height: 15'-0"

Basic Wind Speed: 110 m.p.h.

Building Category: II

Wind Importance Factor: 1.00

Wind Exposure: B

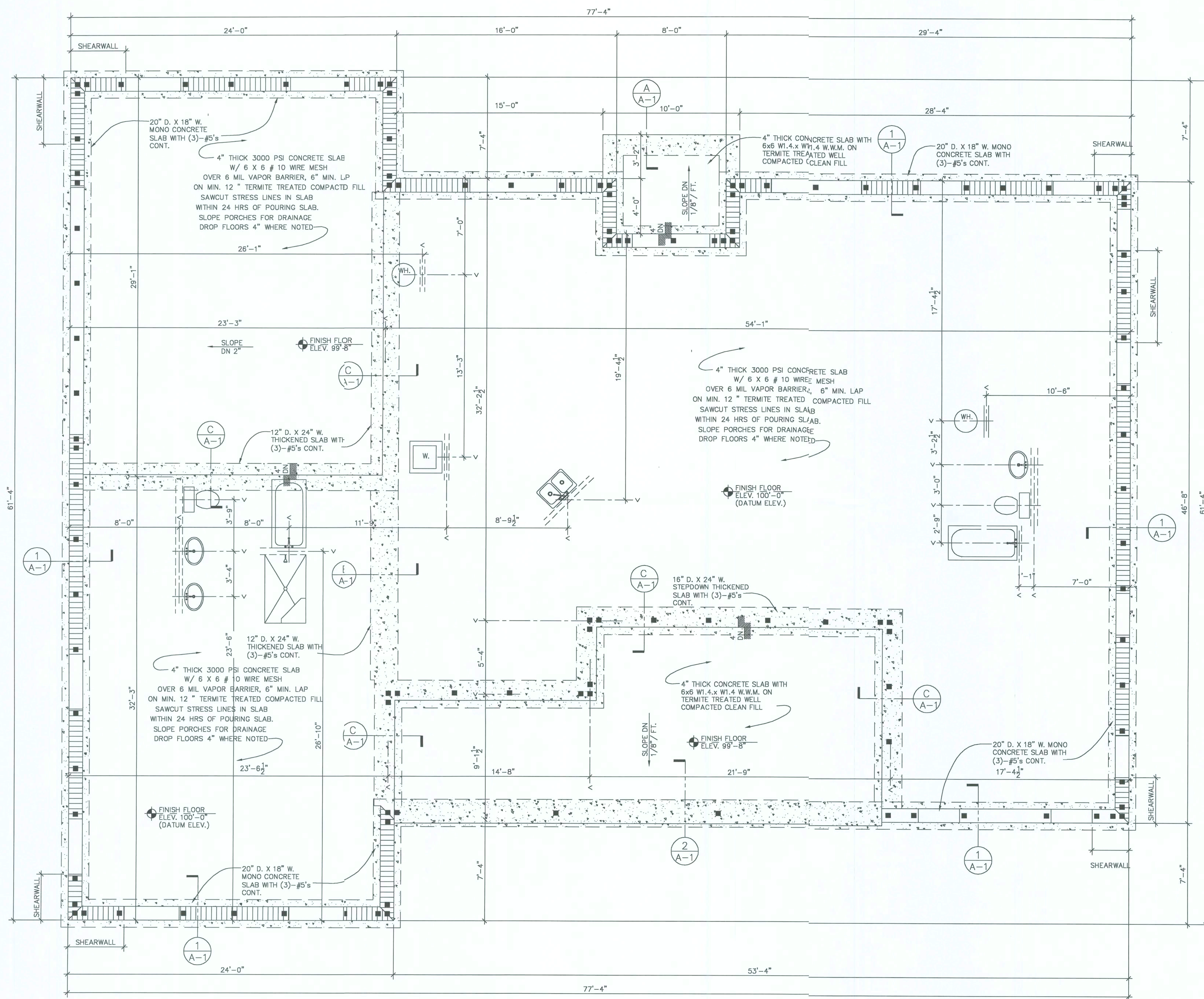
Internal Pressure Coefficient: +/- 0.18

Components and Cladding Design Pressures:

Roof -	
Zone 1	+10, -24 psf
Zone 2	+10, -29 psf
Walls -	
Zone 4	+19, -21 psf
Zone 5	+20, -28 psf
Roof Overhang -	
Zone 2	-40.6 psf
Zone 3	-55.5 psf

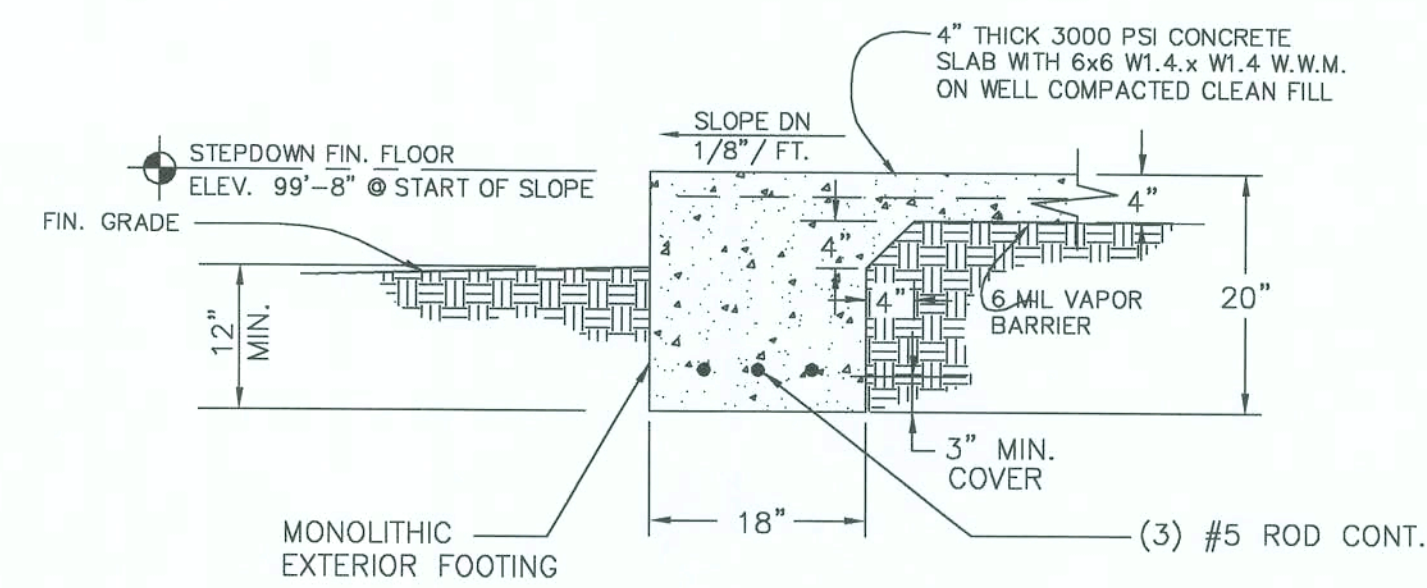
Sidewall (Front, Back) Shearwall Length = 2'-3"

Endwall (RHS, LHS) Shearwall Length = 2'-9"



FOUNDATION PLAN

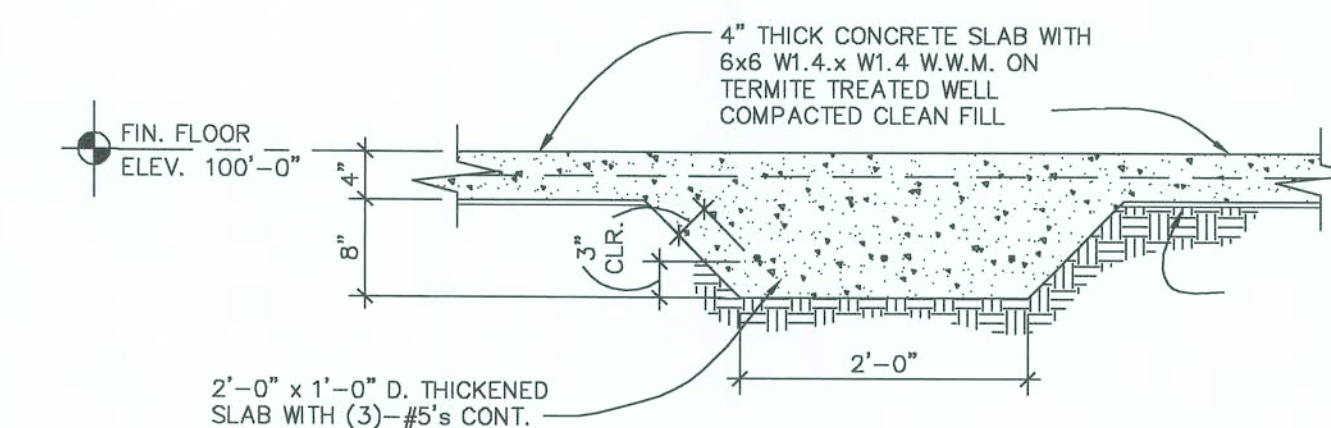
1/4" = 1'-0"



DETAIL

3/4" = 1'-0"

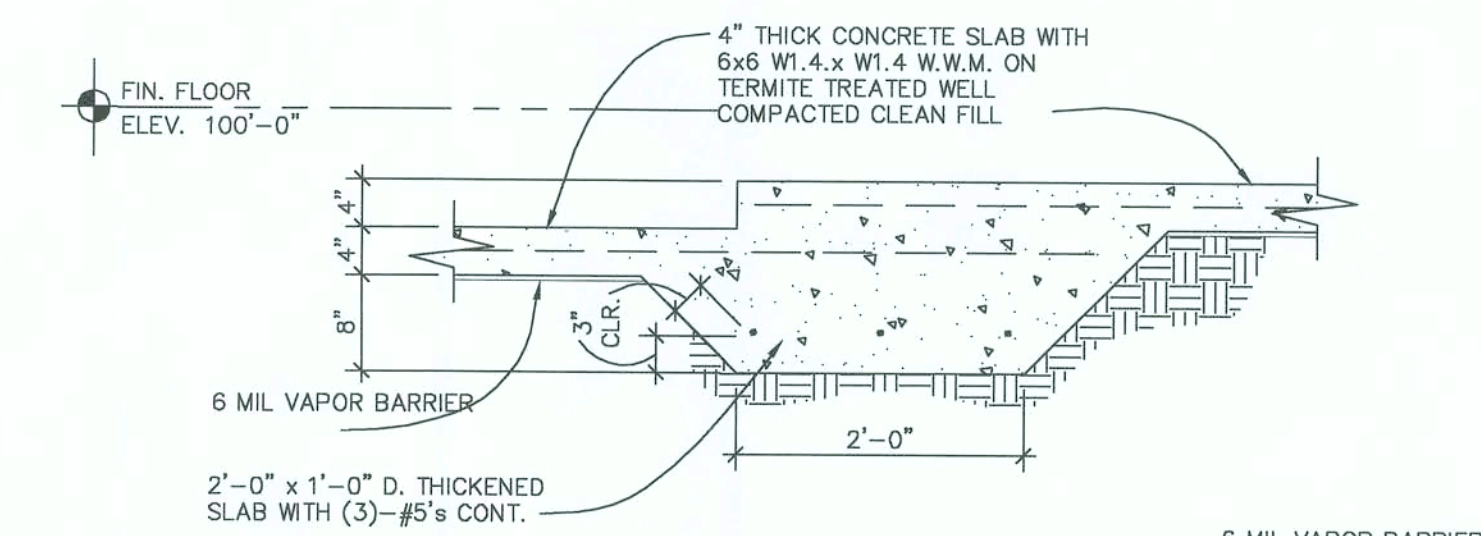
A-A



DETAIL

3/4" = 1'-0"

B-A



DETAIL

3/4" = 1'-0"

C-A

Sam E. Boone
2-8-06

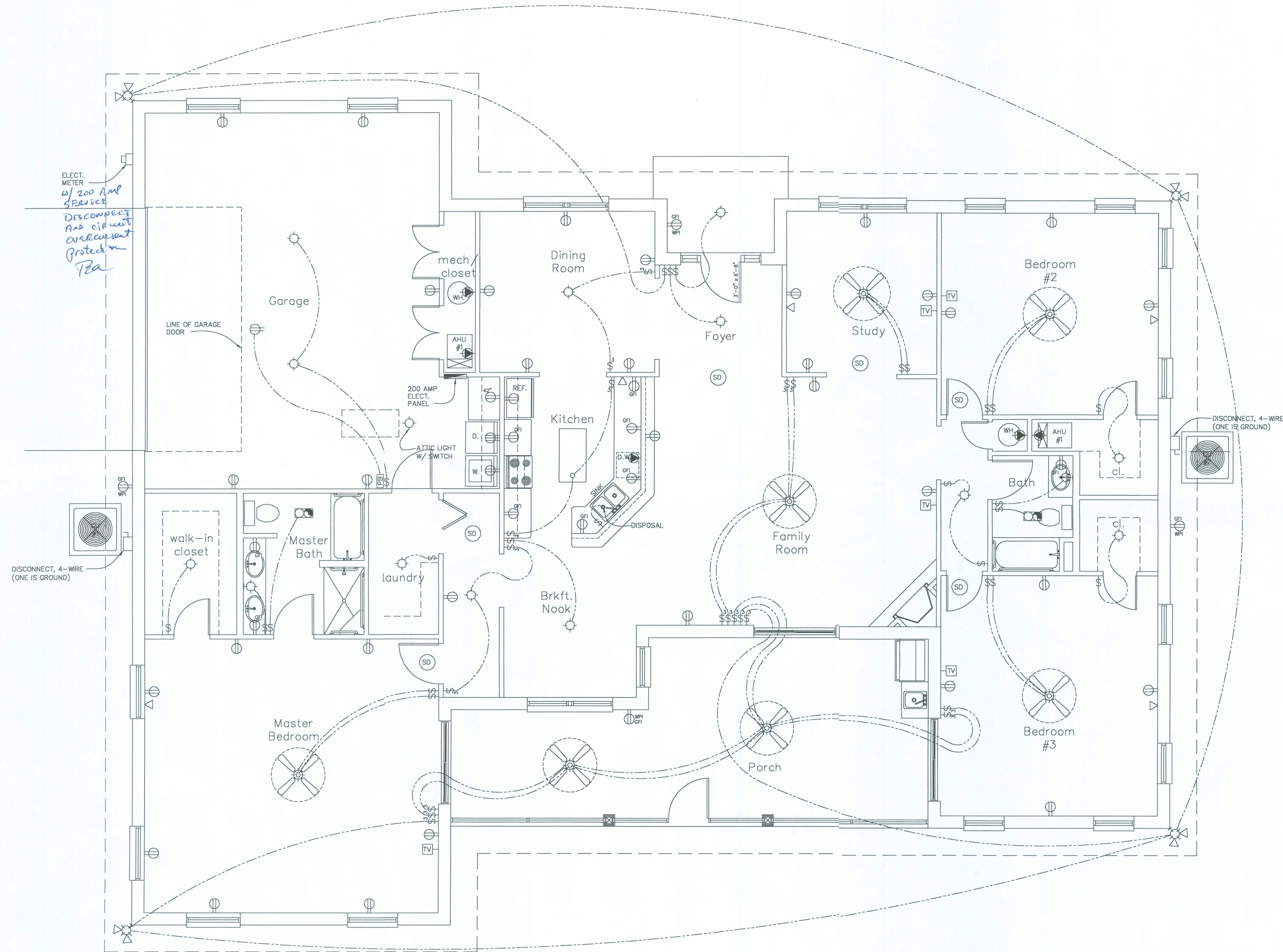
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ELECTRICAL LEGEND

	SINGLE POLE SWITCH		TELEPHONE CONNECTION
	3-WAY POLE SWITCH		CATV CONNECTION
	EXHAUST FAN/LIGHT FIXTURE		RECEPTACLE - 220V
	SMOKE DETECTOR		SPECIAL PURPOSE CONNECTION - 220V
	RECEPTACLE - 110V		CEILING MOUNTED LIGHT FIXTURE
	WEATHERPROOF RECEPTACLE - 110V		WALL MOUNTED, LIGHT FIXTURE
	RECEPTACLE - 110V - GROUND FAULT CIRCUIT INTERRUPTER		FAN/LIGHT COMBINATION FIXTURE
	DISCONNECT		2' x 4' FLUORESCENT FIXTURE
	ELECTRICAL PANEL		
	FLOODLIGHT		
	ELECTRICAL METER		

ELECTRICAL PLAN

1/4" = 1'-0"



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