

GLENN RESIDENCE

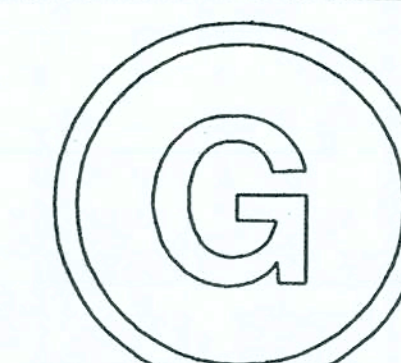
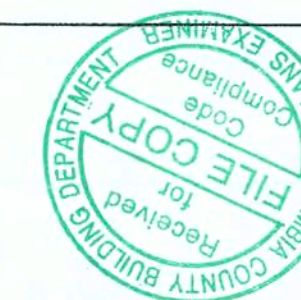
PLANS

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 and anchor requirements
6	special details
7	roof plan/window and door sizes
8	foundation plan
9	electrical plan

Marty J. Humphries 8-7-08
Marty J. Humphries 7-6-08



PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

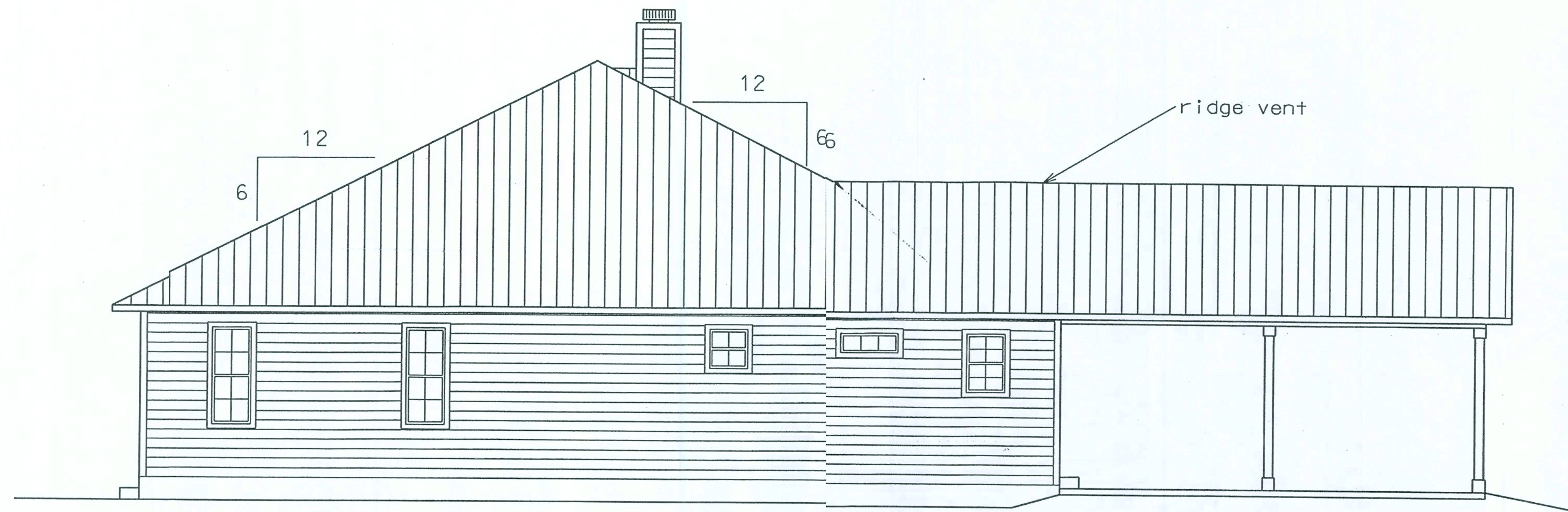
GLENN RESIDENCE
COLUMBIA COUNTY, FLORIDA

SHEET
1
OF
9



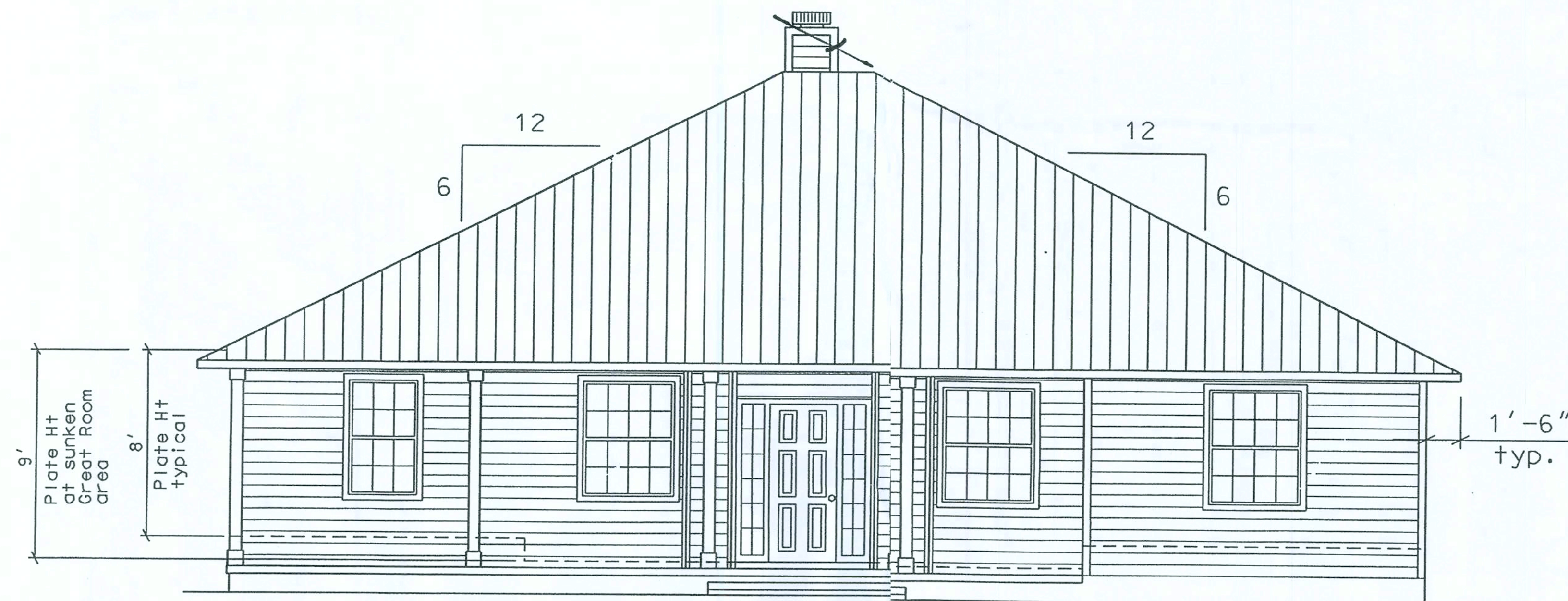


SHEET
2
OF
9



RIGHT ELEVATION

0 4' 8'
scale



FRONT ELEVATION

0 4' 8'
scale

Marty J. Humphries
7-6-08

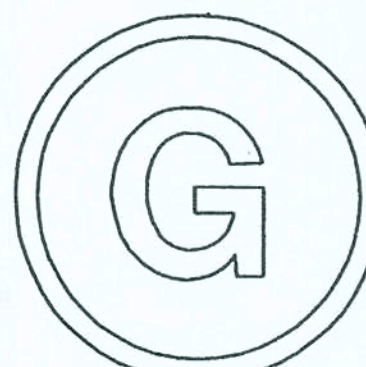
G

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

GLENN RESIDENCE
COLUMBIA COUNTY, FLORIDA

SHEET
3
OF
9

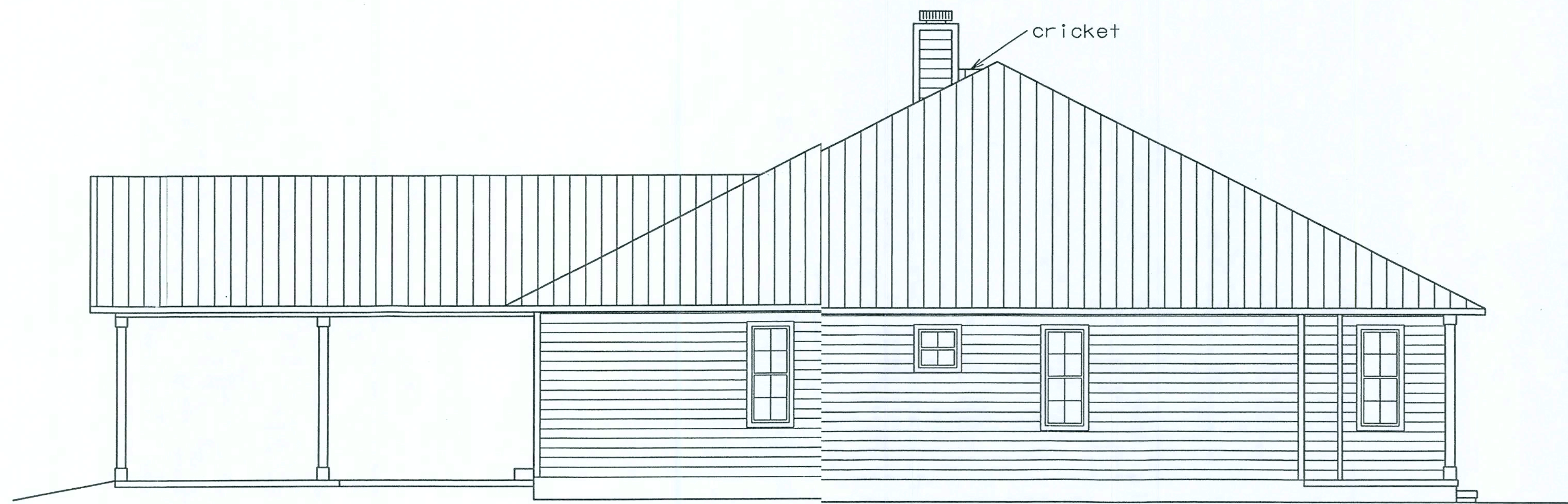
Marty J. Humphries
8-7-08



PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

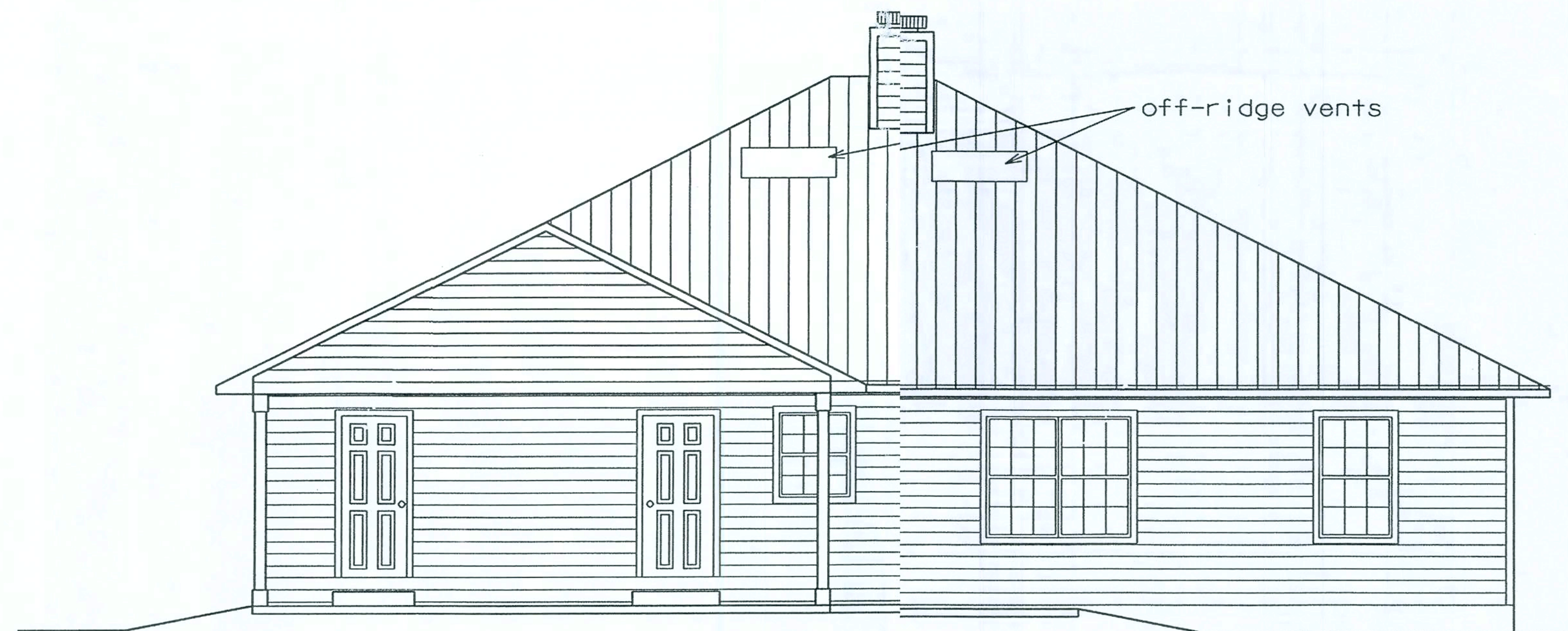
GLENN RESIDENCE
COLUMBIA COUNTY, FLORIDA

SHEET
4
OF
9



LEFT ELEVATION

0 4' 8'
scale

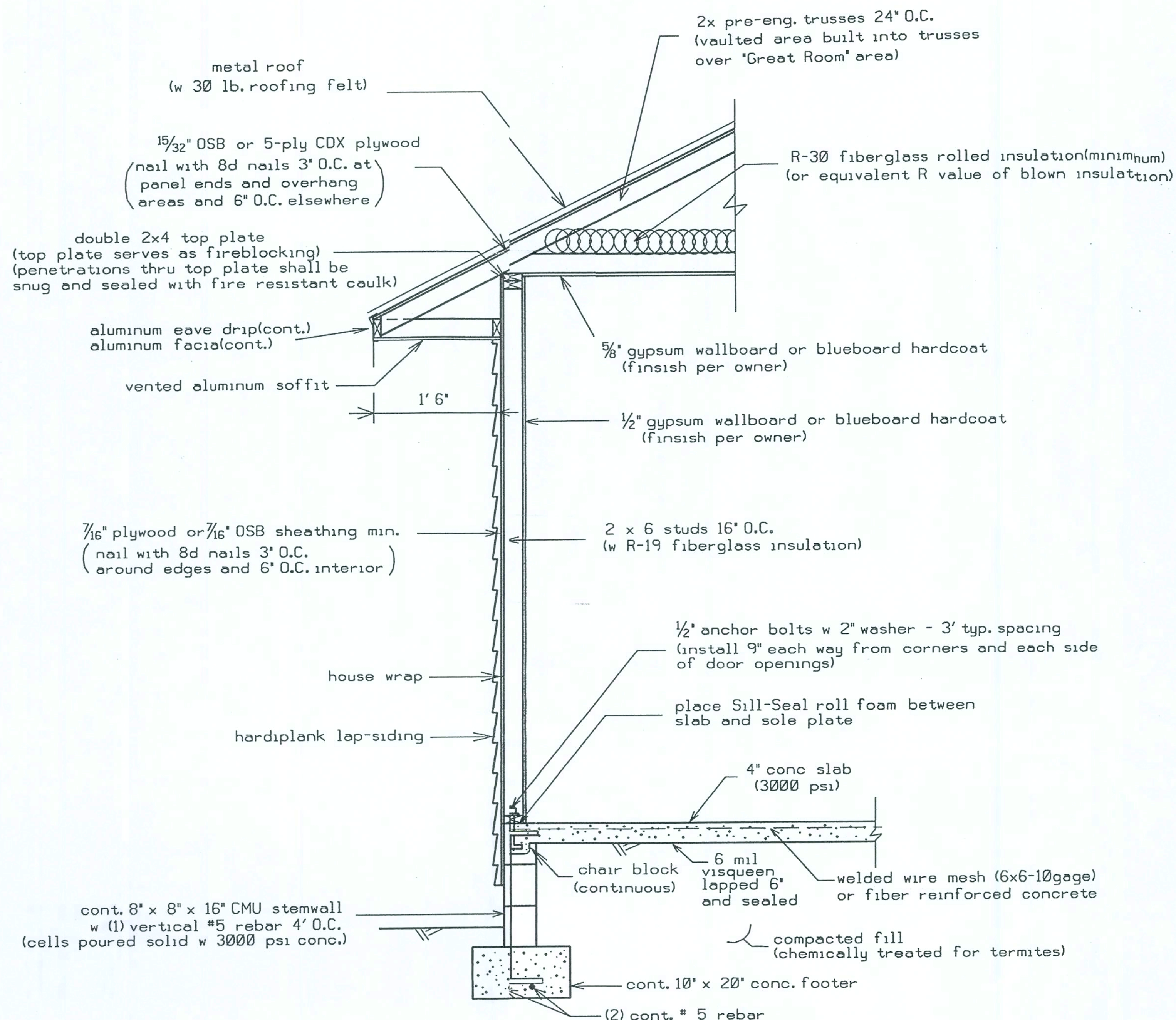


REAR ELEVATION

0 4' 8'
scale

Marty J. Humphries
7-6-08

Marty J. Humphries
7-6-08



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

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

WINDOWS, DOORS: 2 - #2 SYP 2x12's with 1/2" plywood or OSB between
 FRONT PORCH BEAM: 2 - #2 SYP 2x10's with 1/2" plywood or OSB between
 (Connect porch beam to wall framing with 1-Simpson HUCQ410-SDShanger)
 CARPORT BEAM: 2 - #2 SYP 2x12's

Marty J. Humphries
 7-6-08

STRAPPING AND ANCHOR REQUIREMENTS

(Designed in accordance with the 2004 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 = 17'
 Height and Exposure Adjustment Coefficient = 1.0
 Roof Cross Slope = 6:12 (See Elevations)
 Wall Height = 8' primarily with 9' at sunken Great Room Area
 Analysis Method = FBC 1609.6 - Simplified Provisions for Low Rise Buildings
 (see tables 1609.6A, 1609.6B, 1609.6C and 1609.6E for wind pressure values)

TRUSS ANCHORS:

At Truss to Exterior Wall and Porch Beam Locations: install one Simpson model H10 anchor for all trusses. At hip trusses install one Simpson HCP anchor and one H2.5T anchor.

WALL STRAP TIES:

At top and bottom of wall install one Simpson model SP6 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 SP6's each side of openings. All other wall locations install one SP6 top and bottom of the wall 4' on center.

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

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 ABU66 and notch top of 6x6 PT column for double 2x10 beam and install 2-5/8" galvanized carriage bolts at each location.

CARPORT COLUMNS:

Install Simpson LCB66 Column Base (bolted) and notch top of columns to receive carport header (see detail) and connect header to top of column with 2-3/4" galvanized carriage bolts.

CARPORT BRACING:

Install 2-#2 SYP 2x4 cross braces each way on top of the bottom chord of the carport trusses from the outside corners of the carport to the opposing corner of the carport at the home. Nail the 2x4 braces to the bottom chords with 2-12d nails at each location.

CARPORT GABLE END:

At gable end 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. See special details for bracing requirements at front and rear porches.

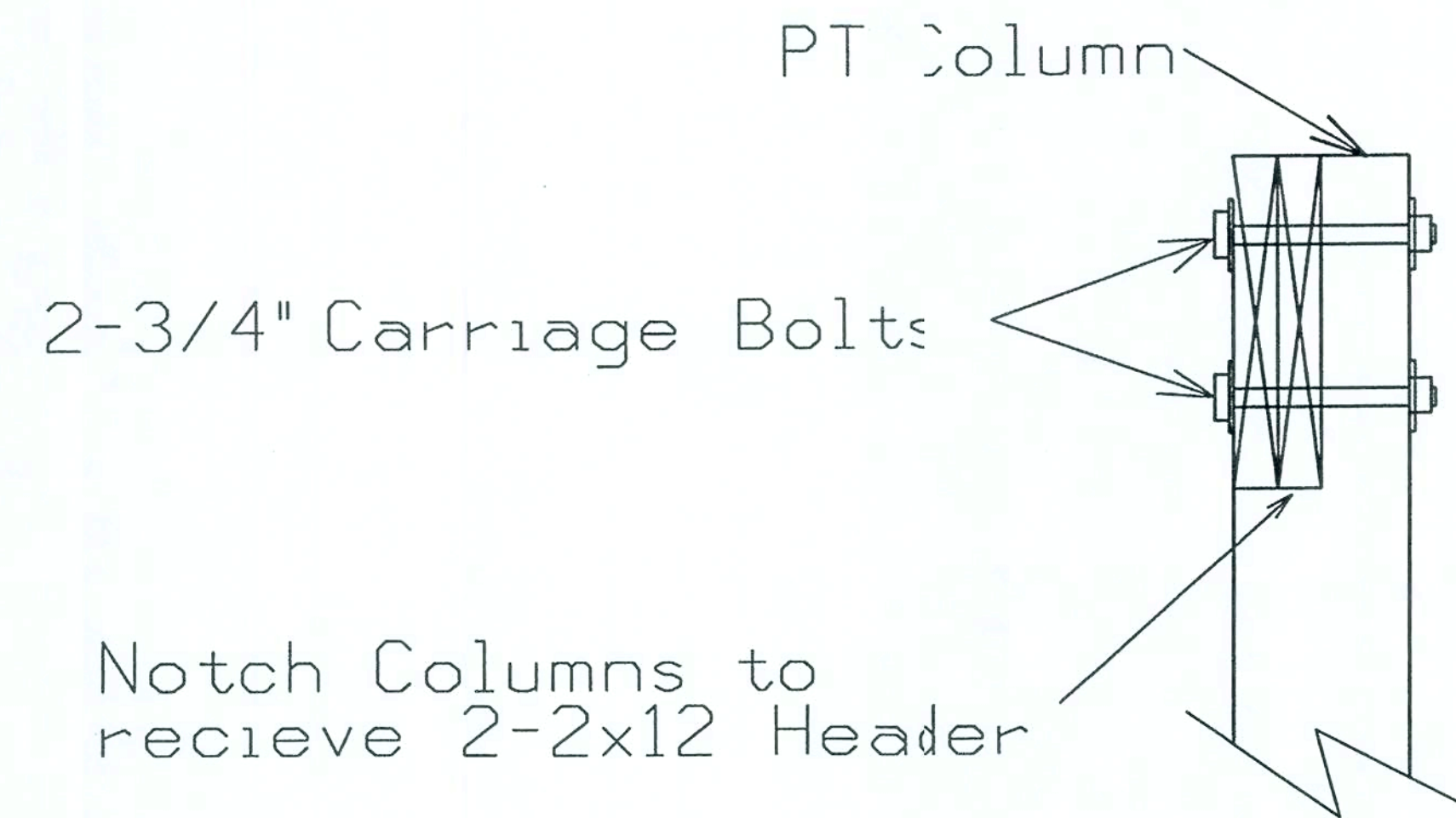
Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.

GLENN RESIDENCE
 COLUMBIA COUNTY, FLORIDA

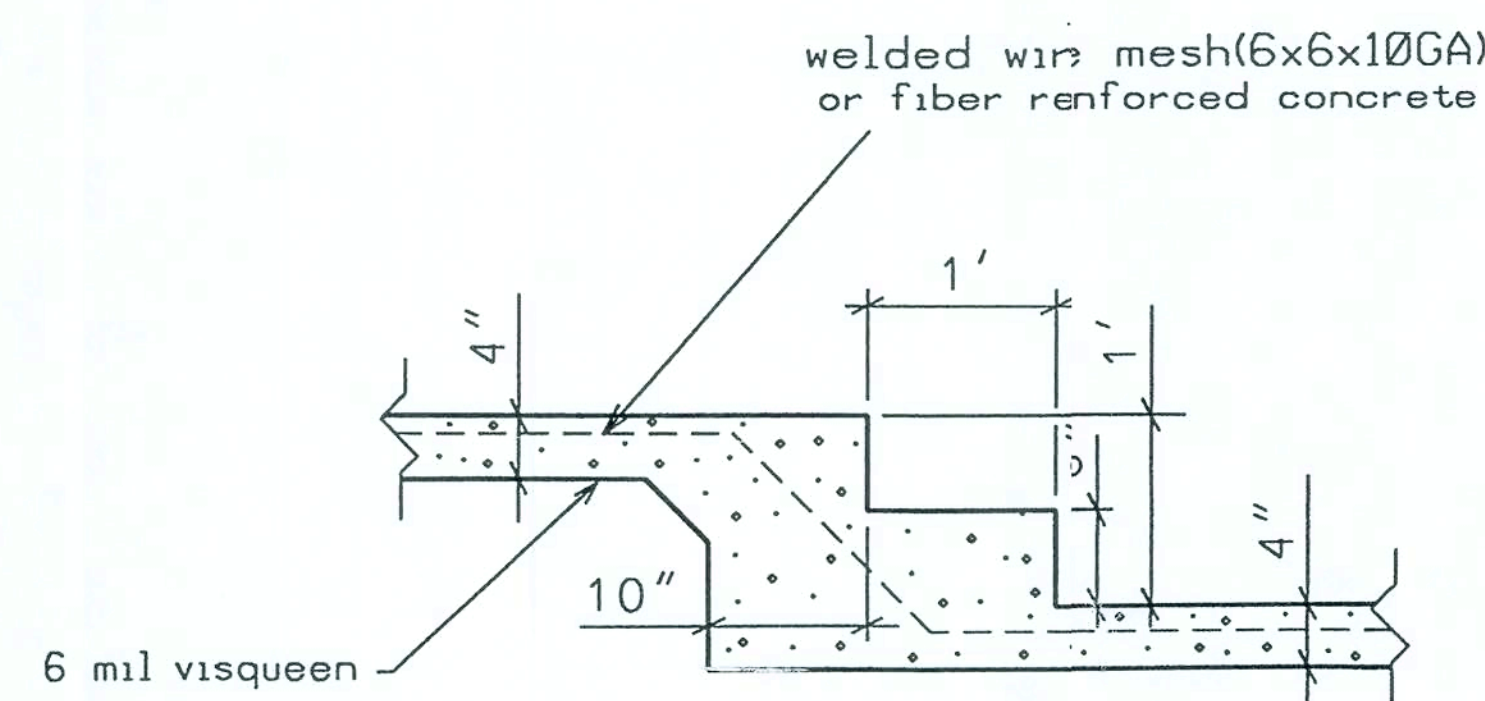
SHEET
 5
 OF
 9

PLANS PREPARED BY:
 MARTY J. HUMPHRIES P.E. # 51976
 7932 240TH ST., O'BRIEN, FL 32071

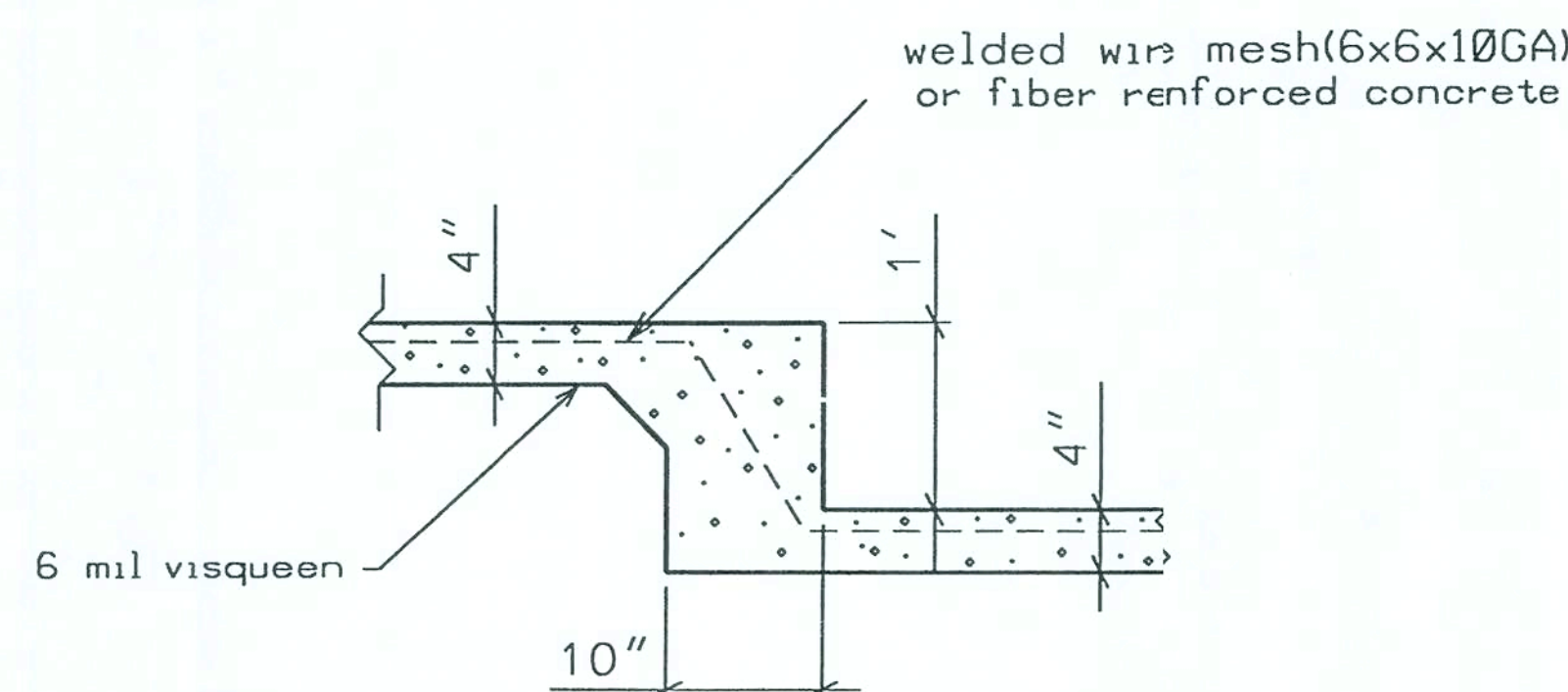
Marty J. Humphries
 8-7-08



CARPORT COLUMN TO BEAM BOLT DETAIL N.T.S.

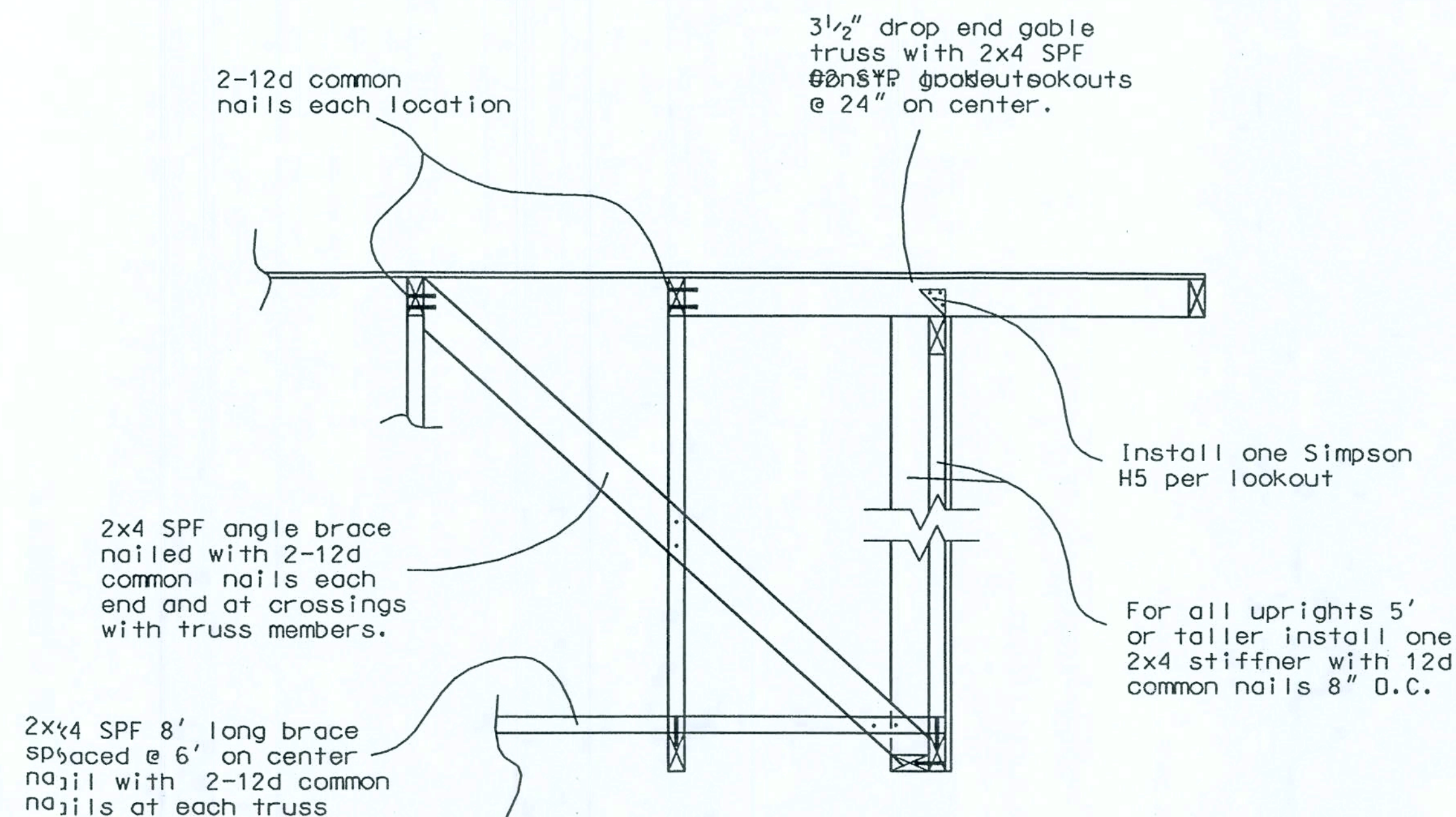


DETAIL "E"
MONOLITHIC SLAB STEP-DOWN (N.T.S.)

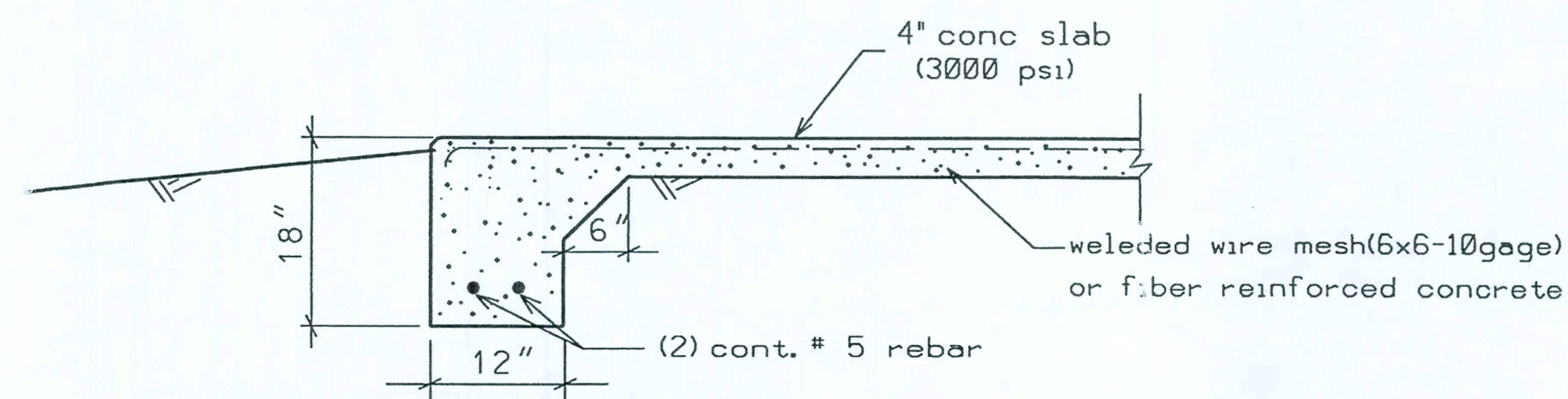


DETAIL "D"
MONOLITHIC SLAB STEP-DOWN (N.T.S.)

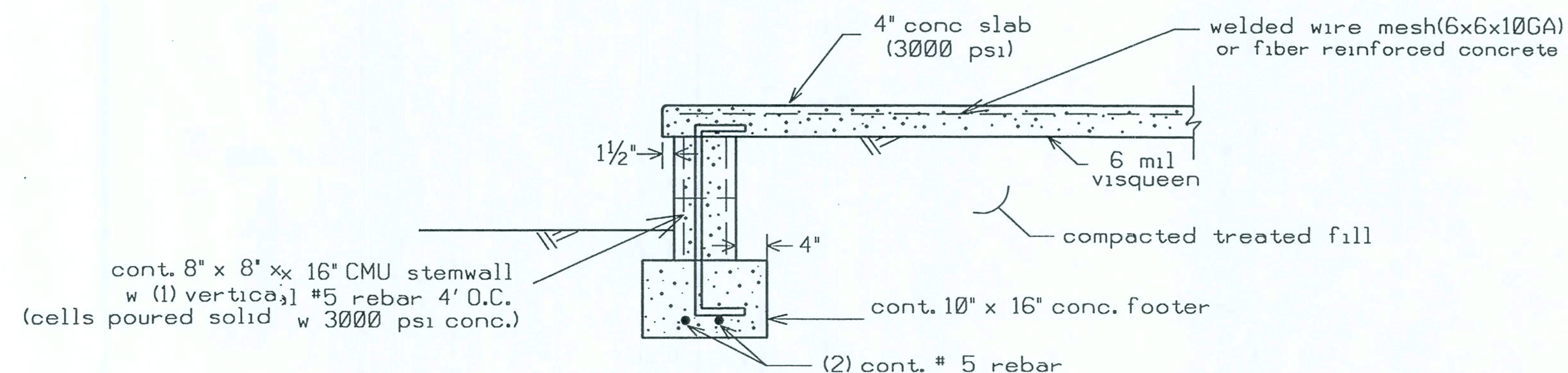
Marty J. Humphries
7-6-08



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



DETAIL "C"
CARPORT FOOTER DETAIL (N.T.S.)



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

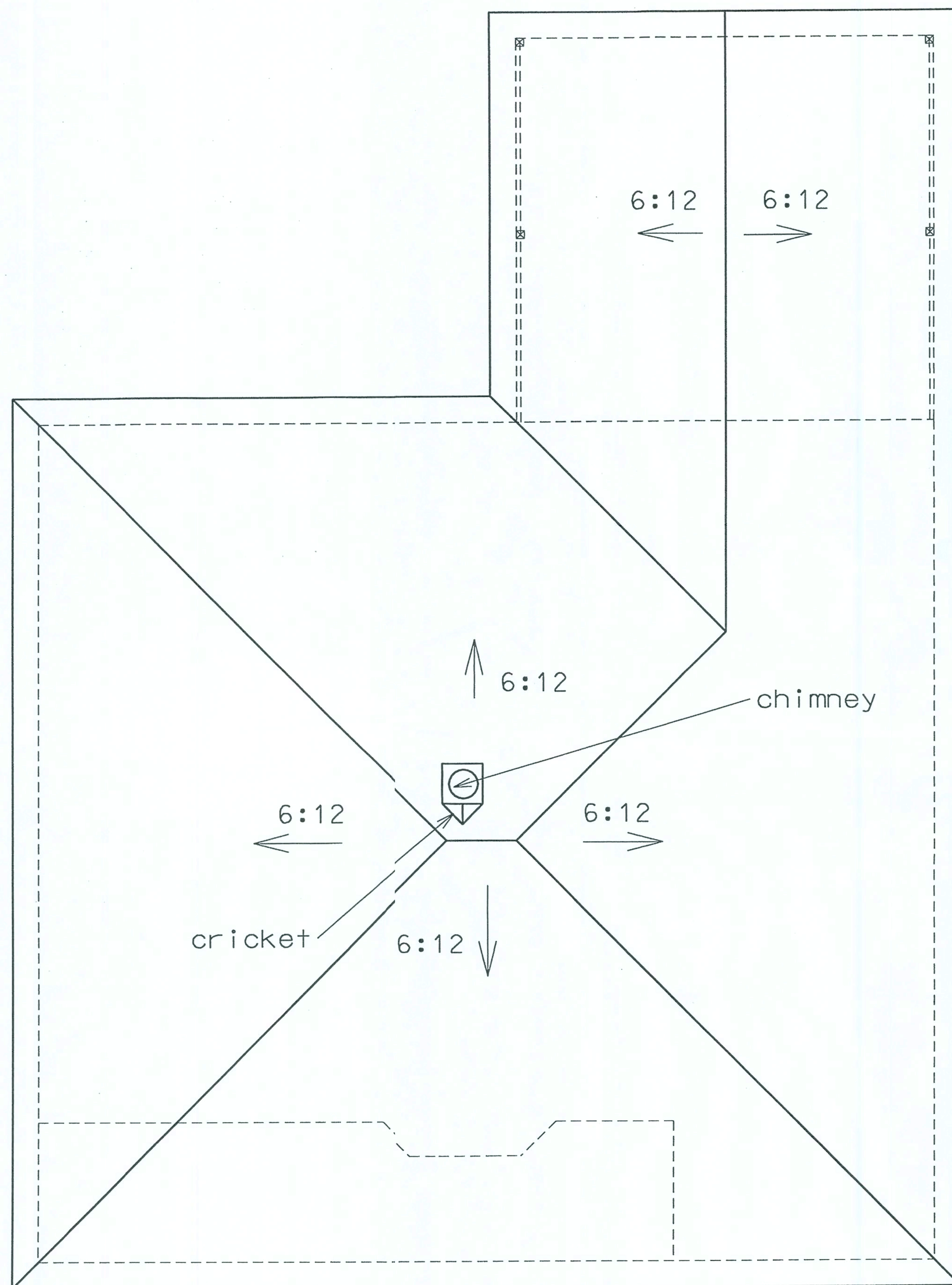
Marty J. Humphries
8-7-08

G

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

GLENN RESIDENCE
COLUMBIA COUNTY, FLORIDA

SHEET
6
OF
9



WINDOWS	
SIZE/CONFIGURATION	QUANTITY
2020	2
2030	1
2050	5
3010 transom	1
3036	1
3050	2
dbl-3050's	1
4050	3

EXTERIOR DOORS	
SIZE	QUANTITY
2868	1
3068	1
3068 w side lts.	1

INTERIOR DOORS	
SIZE	QUANTITY
1268	1
1868	1
2068	1
2868	7
3068 quadfold	4
3068 pocket door	1
attic access dr w ladder	1

WINDOW AND DOOR SIZES

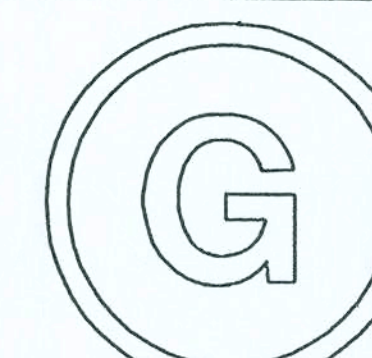
Rough-in dimensions vary per model/make of window/door. Verify actual rough-in dimensions prior to constructing opening.

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

Interior doors shall be Masonite doors. All doors for bedrooms, baths & utility room shall be solid core doors.

Marty J. Humphries
7-6-08

Marty J. Humphries
8-7-08

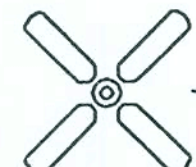


PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

GLENN RESIDENCE
COLUMBIA COUNTY, FLORIDA

SHEET
7
OF
9

ELECTRICAL LEGEND

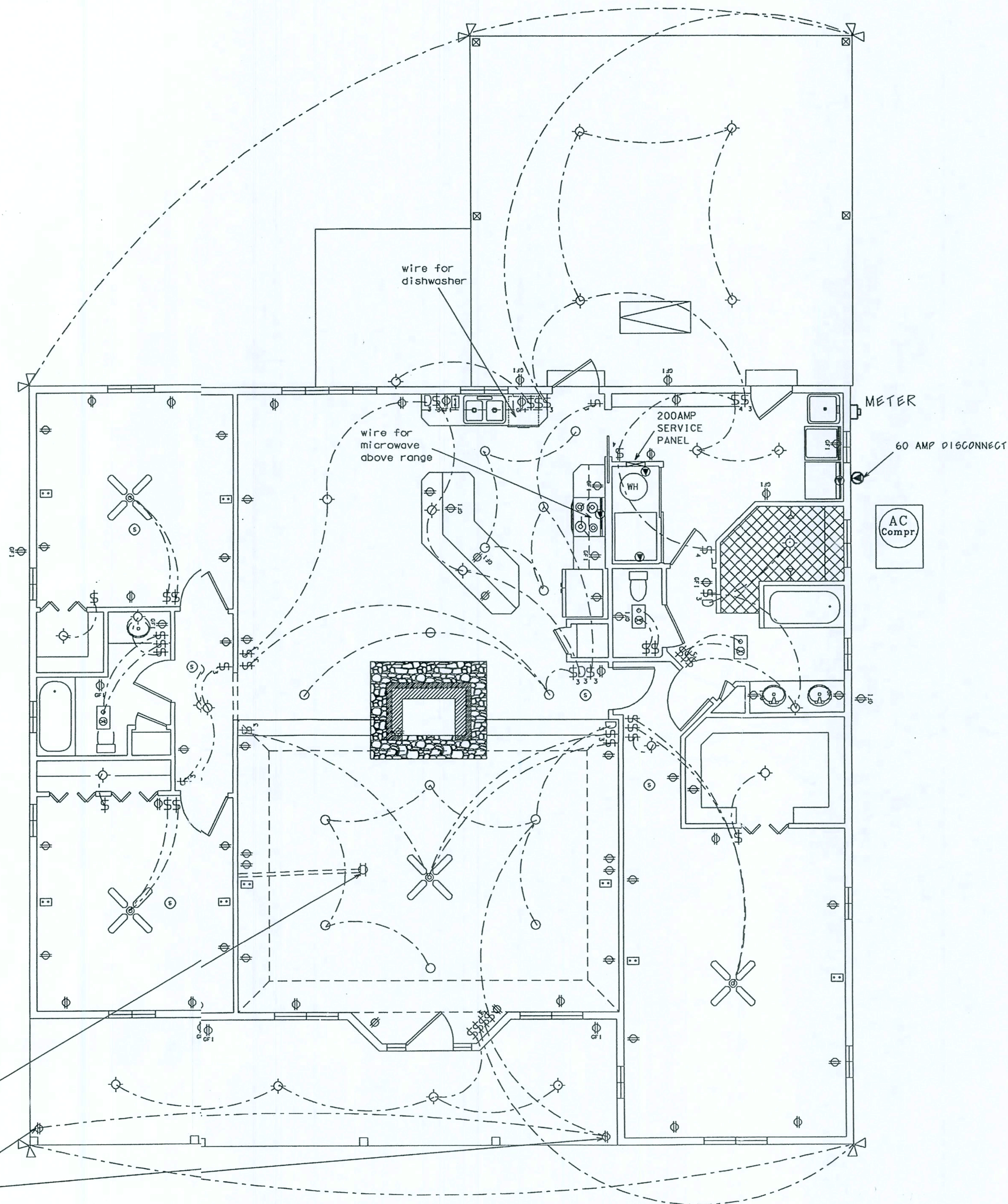
-  - CEILING FAN w LIGHTS
-  - LIGHT FIXTURE
-  - RECESSED CAN LIGHT FIXTURE
-  - SINGLE POLE SWITCH
-  - THREE-WAY SWITCH
-  - FOUR-WAY SWITCH
-  - DIMMER SWITCH
-  - THREE-WAY DIMMER SWITCH
-  - RECEPT.
-  - GFI RECEPT OR PART OF 1 GFI CIRCUIT.
-  - SECURITY LIGHT
-  - EXHAUST WITH LIGHT
-  - 220 V.
-  - SMOKE DETECTOR (AC/DC and interconnected)
-  - TELEPHONE AND RG6 CGX

NOTES:

- 1.) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.
- 2.) ALL BEDROOM RECPTS SHALL BE PART OF AN AFCI CIRCUIT. EACH BEDROOM SHALL BE ON AN INDIVIDUAL AFC CIRCUIT.
- 3.) PLACE 4 LIGHTS IN ATTIC AREA WITH SWITCH.

BRASS FLUSH MOUNT FLOOR RECPTS.
WITH CONDUIT UNDER SLAB TO WALL
(LOCATE PER OWNER)

SWITCH CONTROLLED
RECEPT. IN SOFFIT
FOR CHRISTMAS LIGHTS



ELECTRICAL PLAN

Marty J. Humphries
6-08

GLENN RESIDENCE
COLUMBIA COUNTY, FLORIDA

SHEET
9
OF
9

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

G

Marty J. Humphries
8-7-08