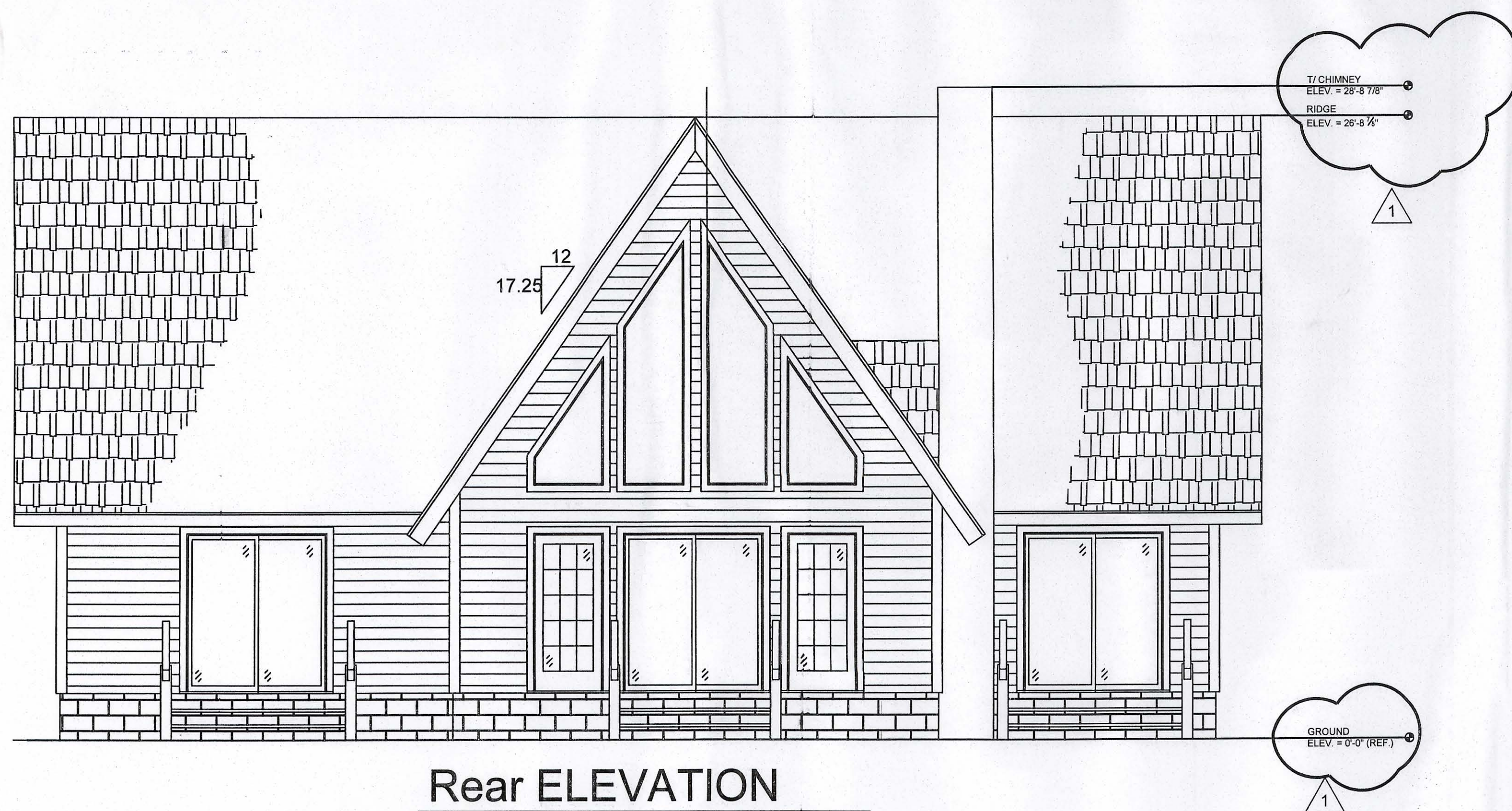


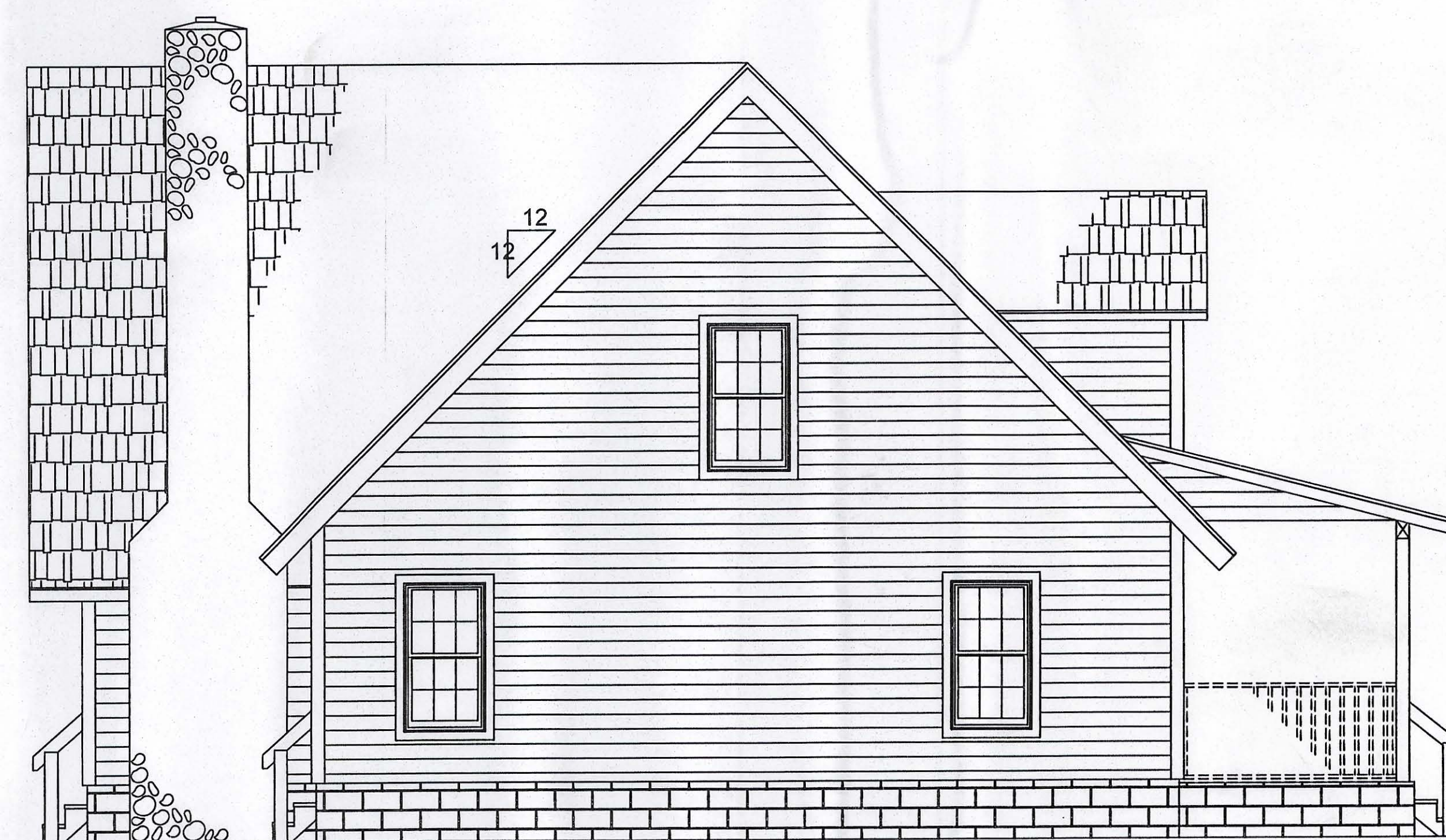
Front ELEVATION
SCALE: 1/4" = 1'-0"



Right Side ELEVATION
SCALE: 1/4" = 1'-0"



Rear ELEVATION
SCALE: 1/4" = 1'-0"



Left Side ELEVATION
SCALE: 1/4" = 1'-0"

REV #	DATE	REVISION NOTES
0	4/4/04	

P.O. Box 187
 130 West Howard Street
 Live Oak FL 32064
 Phone: (386) 362-3678
 Fax: (386) 362-6133
 STRUCTURAL CIVIL ENGINEERS Gary Gill, P.E.
 Auth. # 9461

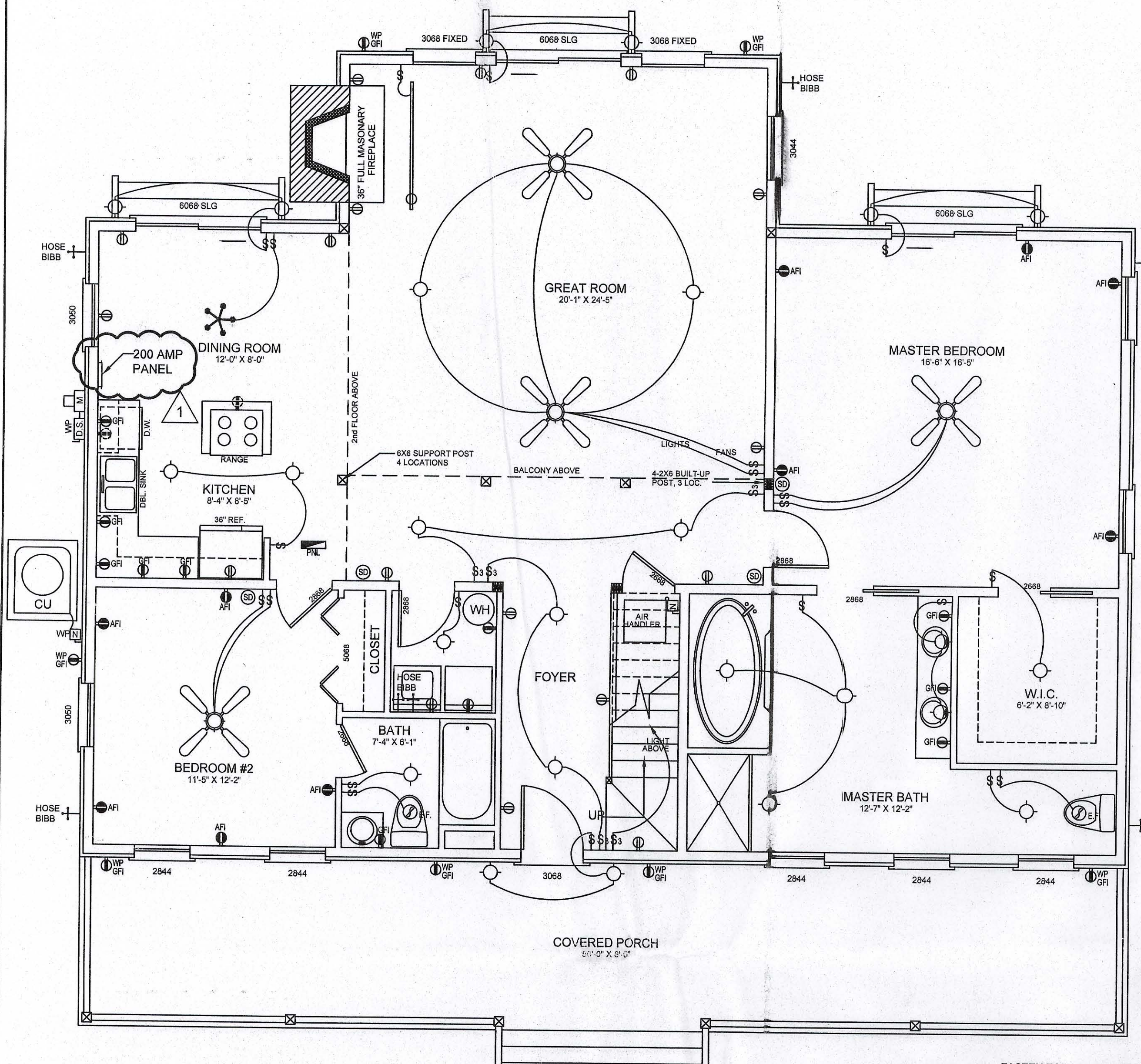
EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY

ELEVATIONS

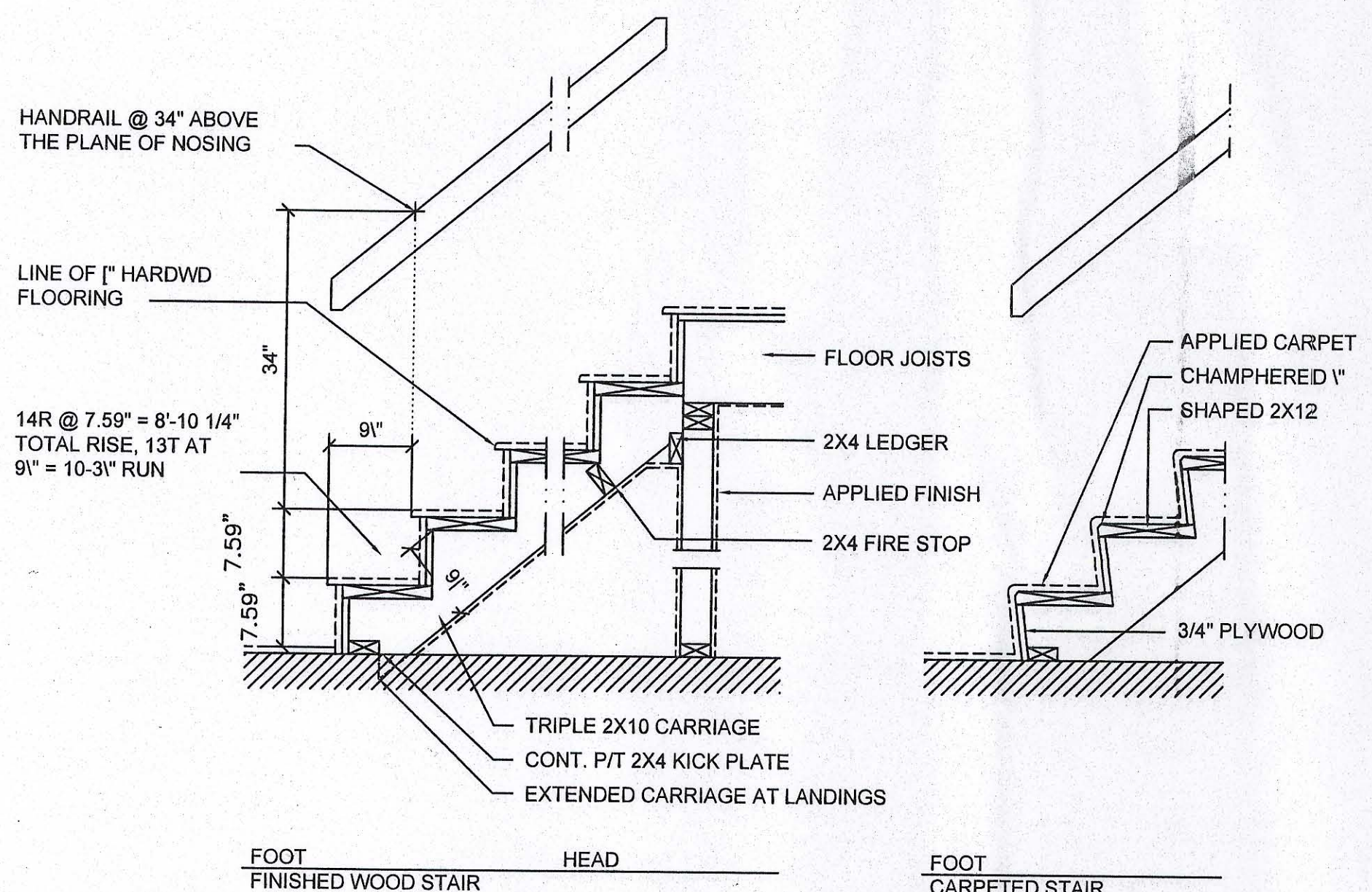
PROJECT NUMBER
PF05-024
DRAWN BY
CHECKED BY
SHEET NUMBER

A-1

Cal
10/5/03



1st Floor PLAN
SCALE: 1/4" = 1'-0"



Typical Stair DETAIL
SCALE: 3/4" = 1'-0"

ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT NR., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ALL BEDROOM RECEPTALS SHALL BE ON AFCI PROTECTED CIRCUITS

AREA CALCULATION

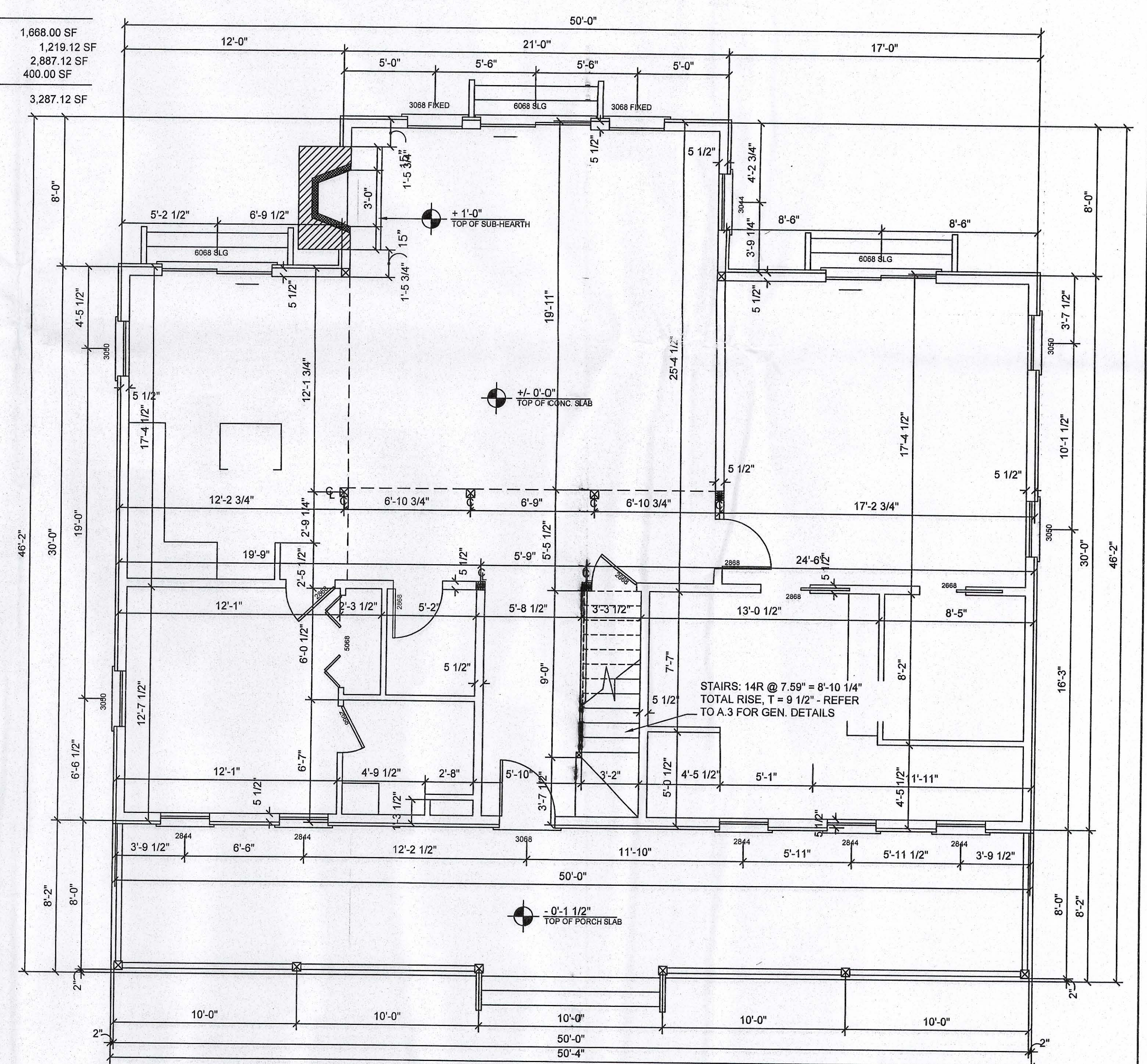
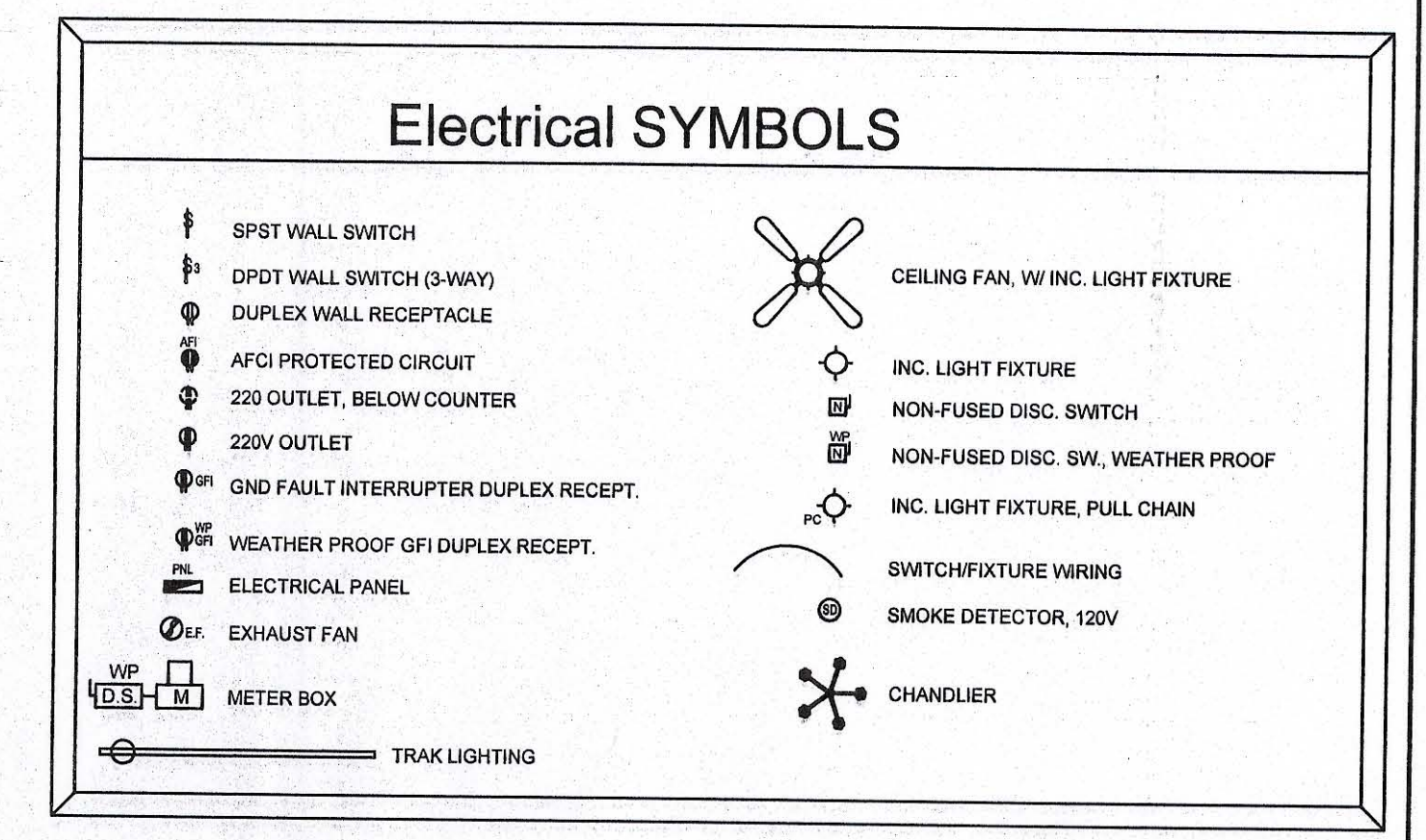
1ST FLOOR AREA:	1,668.00 SF
2ND FLOOR AREA:	1,219.12 SF
GROSS LIVING AREA:	2,887.12 SF
COVERED PORCH AREA:	400.00 SF
TOTAL AREA:	3,287.12 SF

NOTE!
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

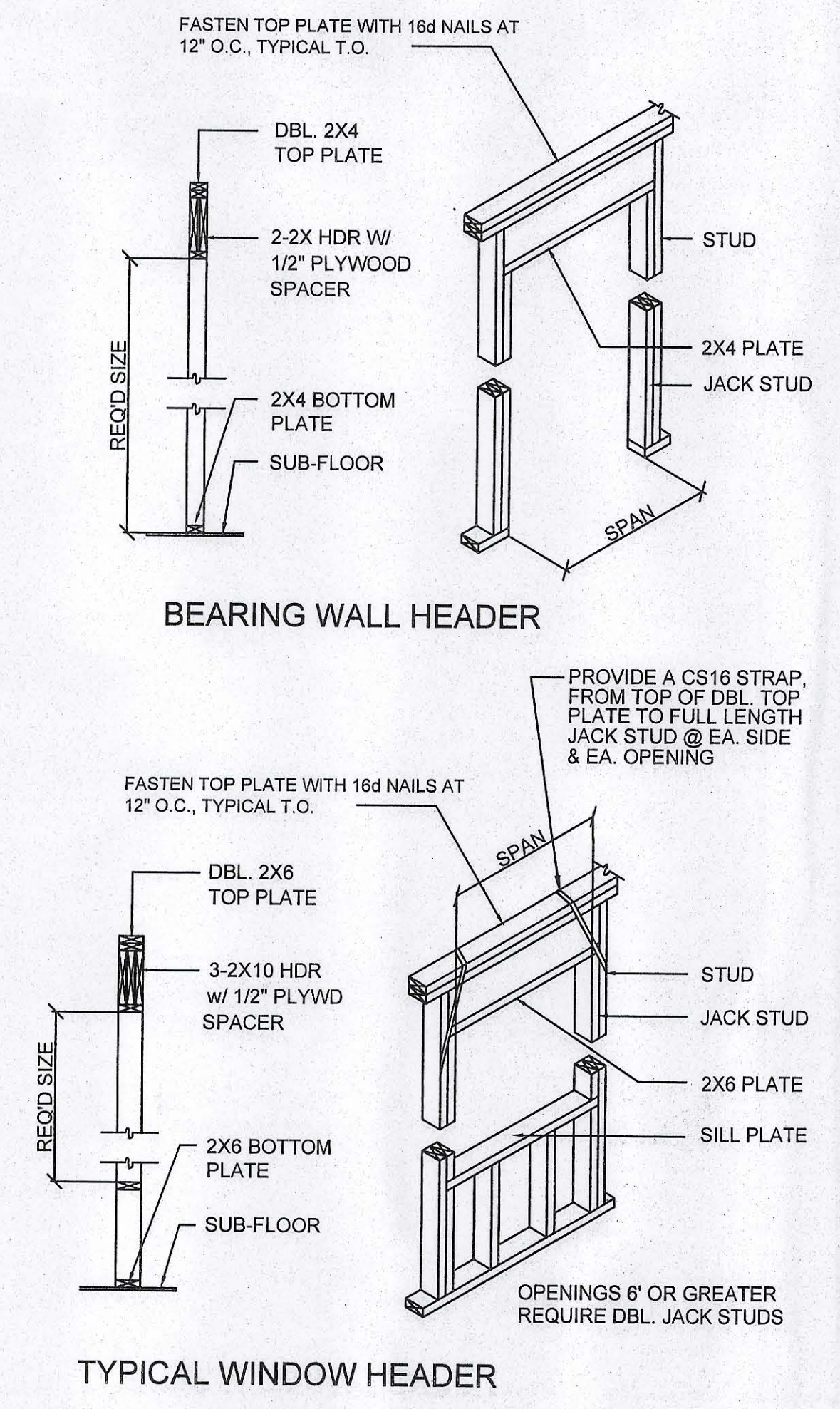
NOTE!
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 7'-0" A.F.F.

NOTE!
ALL GLASS IN BATHROOM WINDOWS, DOOR

NOTE !!!
PROVIDE ROD & SHELF IN ALL CLOSETS.



1st Fl. Dimension PLAN
SCALE: 1/4" = 1'-0"

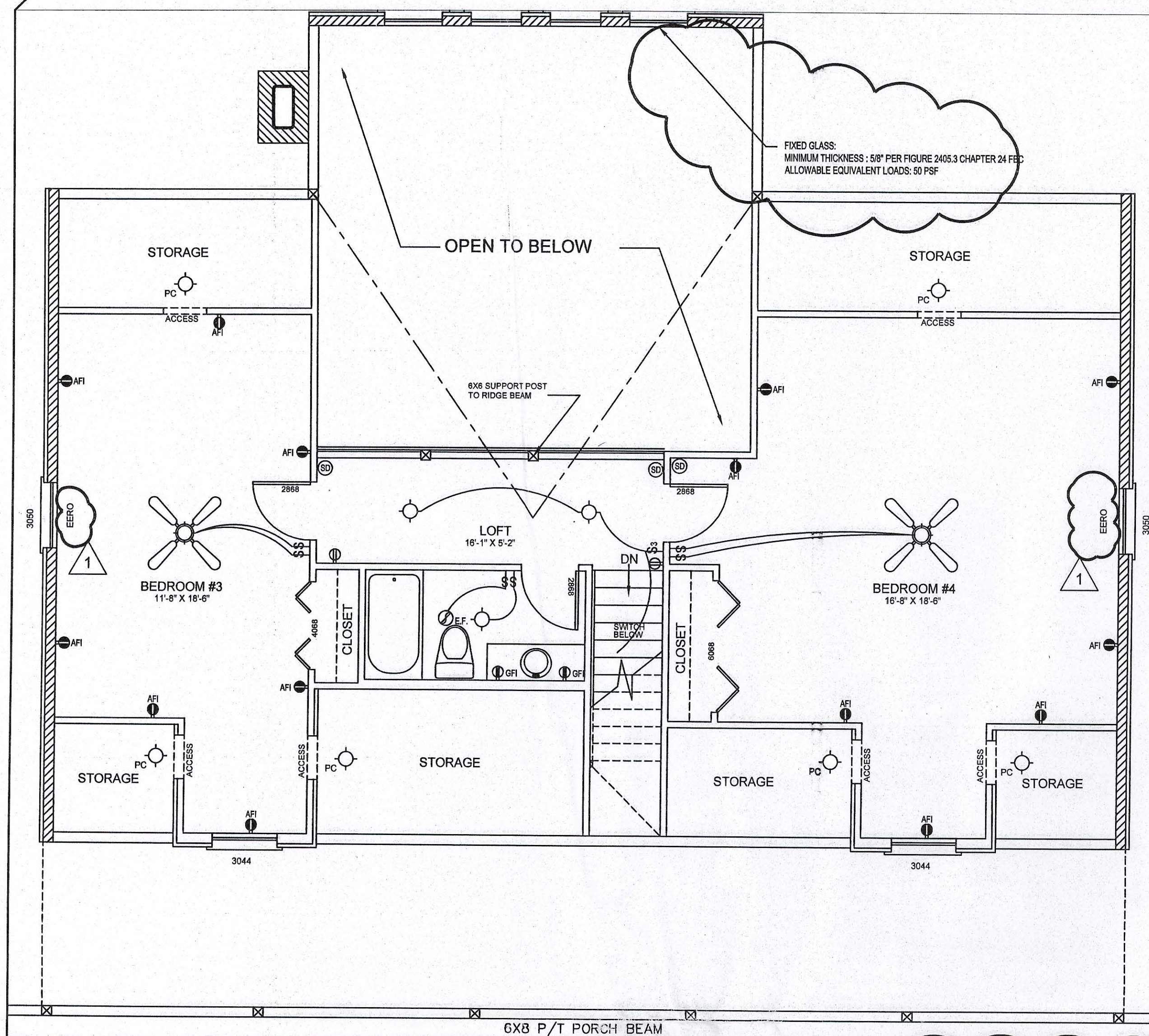


REVISION NOTES	
DATE	4/4/04
REV #	0
PROJECT NUMBER: PF05-024 DRAWN BY: [Signature] CHECKED BY: [Signature] SHEET NUMBER: A-2	

EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY

MAIN FLOOR

P.O. Box 187
130 West Howard Street
Live Oak FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Auth: Gary Gill, PE
Structural Engineers



WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

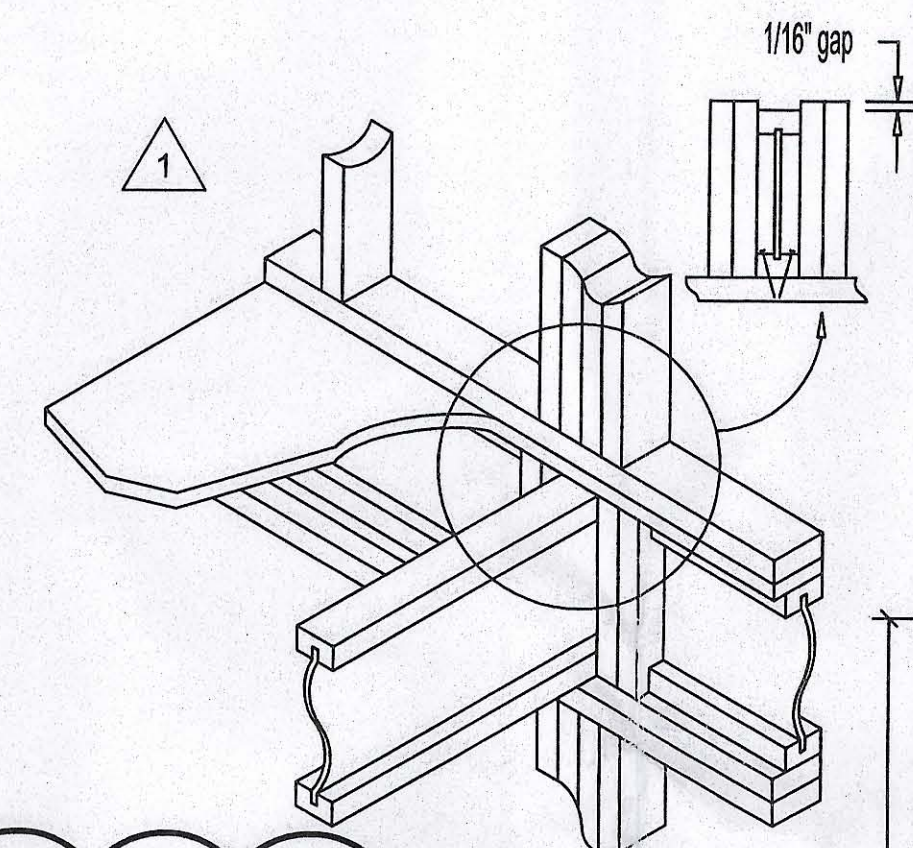
TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR. SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ALL BEDROOM RECEPTALS SHALL BE ON AFCI PROTECTED CIRCUITS

EERO = EMERGENCY ESCAPE AND RESCUE OPENING

F19 SQUASH BLOCKS AT CONCENTRATED LOADS



2nd Floor PLAN

SCALE: 1/4" = 1'-0"

NOTES:

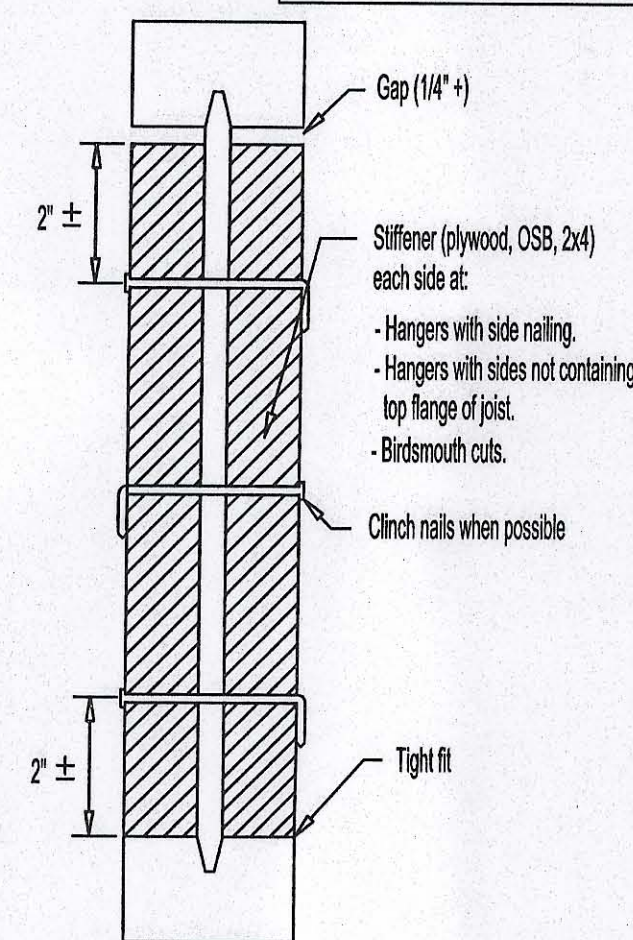
(1) ALIGN TOP OF WINDOW WITH TOP OF DOORS SO THAT TOP EDGES OF DOORS & WINDOWS ALIGN IN A LEVEL PLAIN ABOVE FINISH FLOOR.

(2) ALL ESCAPE OR RESCUE WINDOWS SHALL HAVE A MINIMUM NET CLEAR OPENABLE AREA OF 5.7 SQ. FT. THE MINIMUM NET CLEAR OPENABLE HEIGHT DIMENSIONS SHALL BE 24". THE MINIMUM NET CLEAR WIDTH DIMENSION SHALL BE 20". FINISH SILL HEIGHT NOT MORE THAN 44" ABOVE FINISH FLOOR.

F18 BEARING STIFFENERS

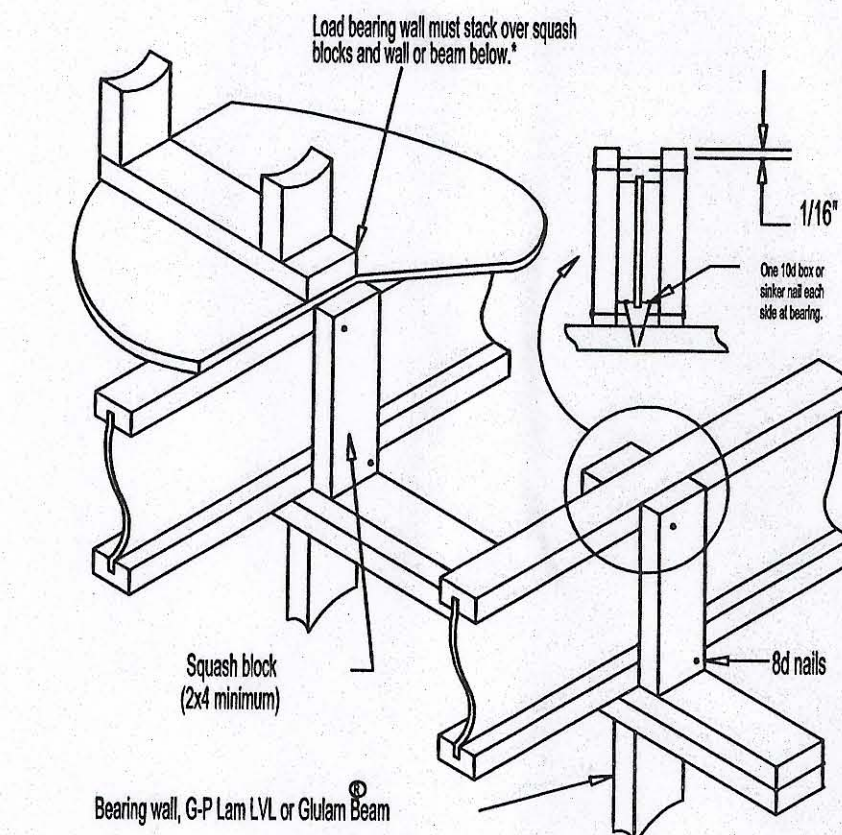
STIFFENER SIZE*	NAILS
GP 20	23/32"
WI / GP 40 & 60	1/2" x 1/2"
WI 80	1 1/2"

* Minimum width 2 5/16"



F10 SQUASH BLOCKS AT INTERIOR BEARING

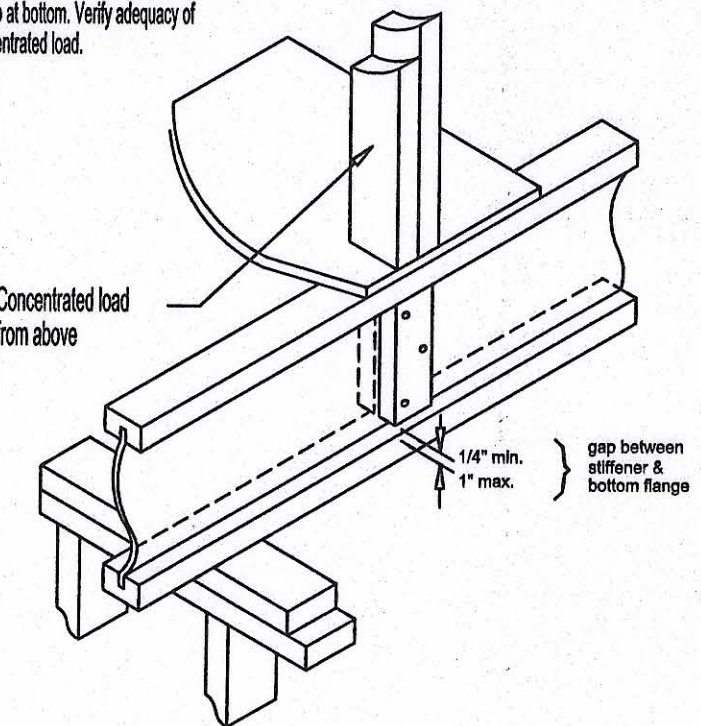
Vertical load transfer = 2000 pcf max along load bearing wall.



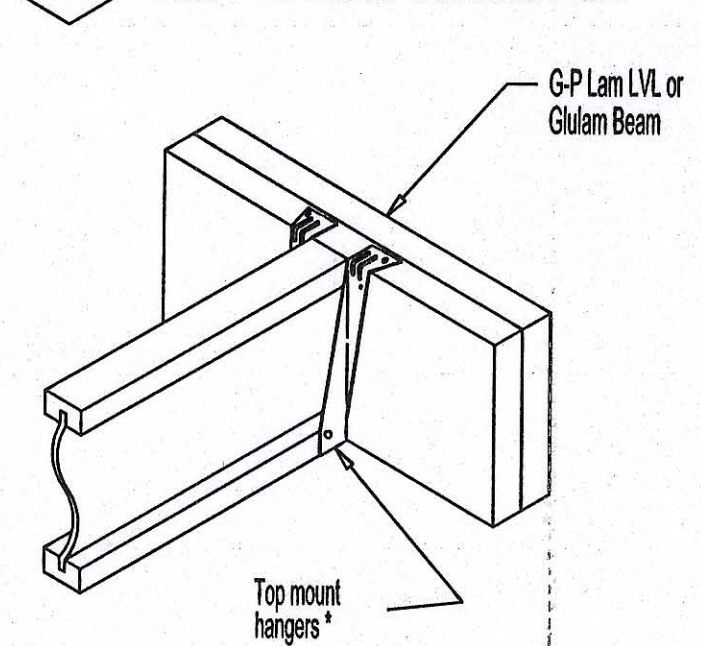
* Non-stacking walls require additional consideration. Check local building code for appropriate details in areas of high lateral load.

F20 WEB STIFFENERS

When concentrated loads exceed 1000 lbs. stiffeners per detail F18 but tight against angle and gap at bottom. Verify adequacy of joist to carry concentrated load.



F15 JOIST TO BEAM CONNECTION

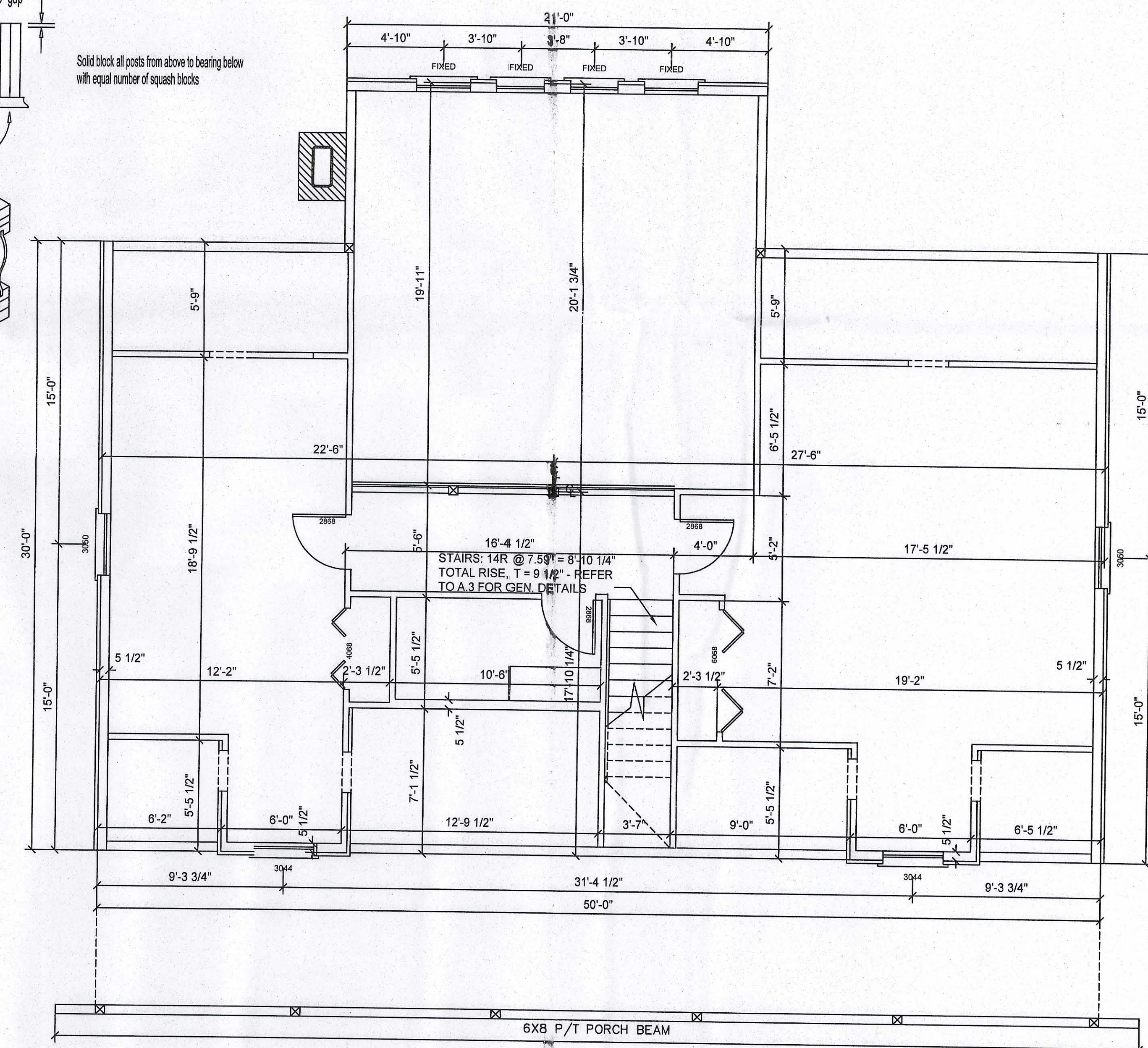


HEADER SPANS FOR EXTERIOR BEARING WALLS

HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)			
		20'	28'	36'	
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1
	2-2x6	5'-5"	1	4'-8"	1
	2-2x8	6'-10"	1	5'-11"	2
	2-2x10	8'-5"	2	7'-3"	2
	2-2x12	9'-9"	2	8'-5"	2
	3-2x8	8'-4"	1	7'-5"	1
	3-2x10	10'-6"	1	9'-1"	2
	3-2x12	12'-2"	2	10'-7"	2
	4-2x8	9'-2"	1	8'-4"	1
	4-2x10	11'-8"	1	10'-6"	1
	4-2x12	14'-1"	1	12'-2"	2

Bearing Wall Header DETAILS

SCALE: NONE



2nd Fl. Dimension PLAN

SCALE: 1/4" = 1'-0"

Handwritten signature and date: 6/15/03

REVISION NOTES

REV #	DATE	DESCRIPTION
0	4/4/04	

P.O. Box 187
130 West Howard Street
Live Oak FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Gary Gill, PE
Auth. # 9461

EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY

2ND FLOOR

PROJECT NUMBER
PF05-024

DRAWN BY

CHECKED BY

SHEET NUMBER

A-3

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.8
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3
8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4

9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.8
11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.8
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY # LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

NOTE:

1. FOUNDATION SHOWN IS FOR CLEAN SAND OR ROCK FILL ONLY. OTHER CONDITIONS SHOULD BE DESIGNED BY A LICENSED ENGINEER.
2. ASSUMED SOIL BEARING CAPACITY 1000 PSF.
3. ALL CONCRETE SHALL BE 3000 PSI.
4. PROVIDE ACCESS AND VENTS AS PER CODE.
5. MASONRY PIERS OVER 32" TALL SHALL BE 12X16 WIDE.
6. PROVIDE SOLID BLOCKING UNDER ALL BEARING POINTS.
7. ALL ANCHOR STRAPS, POST BASES, ANCHOR BOLTS AND ALL OTHER ASSOCIATED METAL CONNECTORS REQUIRED TO BE PLACED PRIOR TO POURING CONCRETE. BY THE PLANS AND/OR PERMIT ISSUING AUTHORITY, SHALL BE PROVIDED BY THE CONTRACTOR.
8. ALL OTHER FRAMING CONNECTORS AND THE ASSOCIATED THRU-BOLTS AND/OR LAG SCREWS, REQUIRED BY THE PLANS AND/OR PERMIT ISSUING AUTHORITY, SHALL BE PROVIDED BY THE CONTRACTOR.

FOOTING SCHEDULE

- (A) 24" X 12" X CONT., FOOTING, W/ 3 #5 REBAR, BOTTOM, CONT., & 1 #4 REBAR @ 48" O.C., TRANSVERSE
- (B) 24" X 12" X CONT., MONO. FOOTING, W/ 3 #5 REBAR, BOTTOM, CONT., & 1 #4 REBAR @ 48" O.C., TRANSVERSE
- (C) 24" SQ. X 12" THK. PAD FOOTING, W/ 3 #5 EA. WAY, BOTTOM
- (D) 32" SQ. X 12" THK. PAD FOOTING, W/ 4 #5 EA. WAY, BOTTOM

POST SCHEDULE

- (1) 6X6 SYP. POST
- (2) 6X6 P/T POST
- (3) 2X6 BUILT-UP WOOD POST, SECURE W/ 2-16d NAILS @ 12" O.C., STAGGERED ALONG POST C.L.

NOTE!

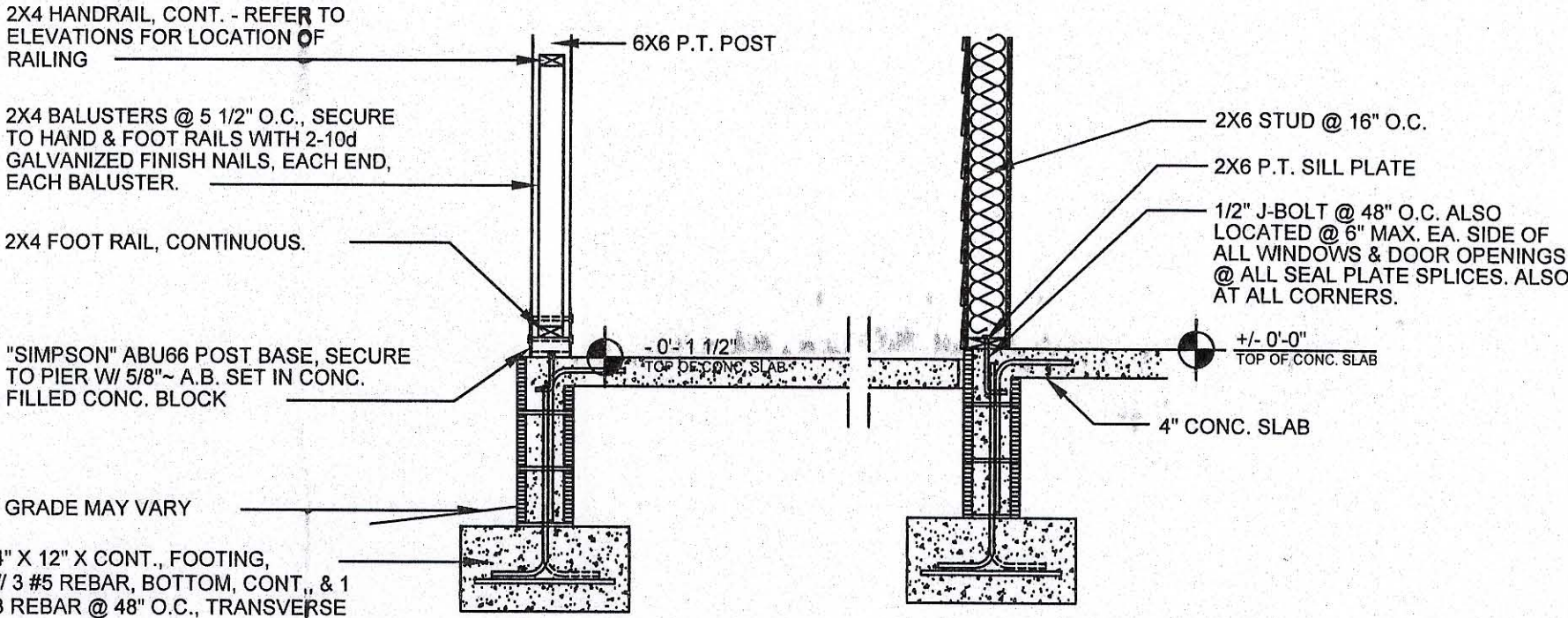
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 95% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

NOTE!

H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

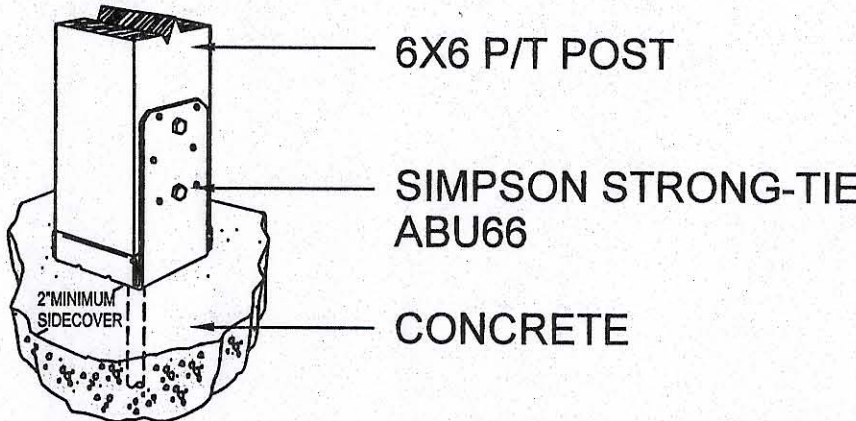
NOTE!

PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.



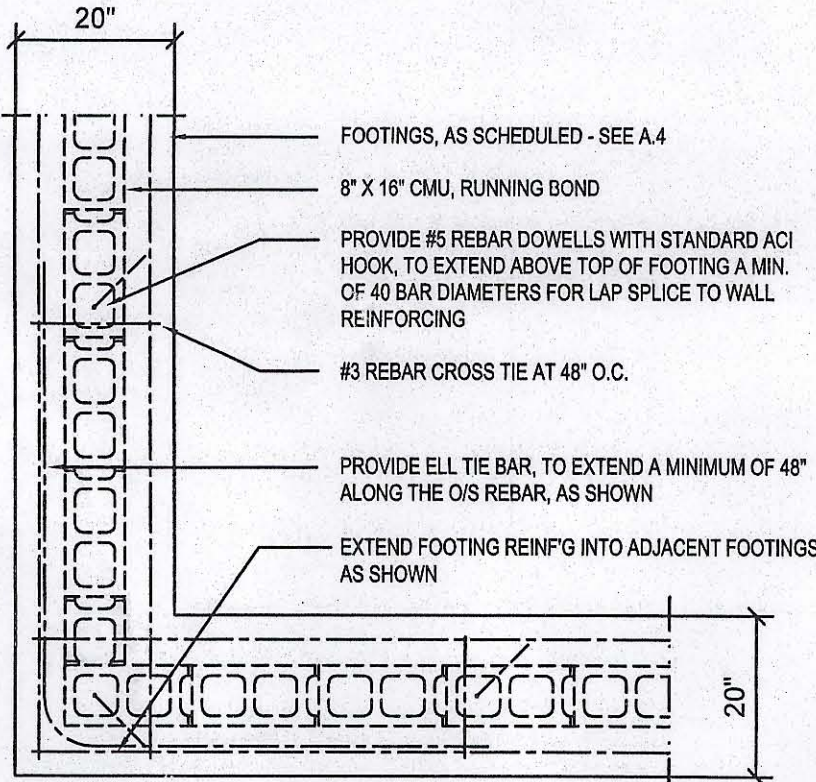
Raised Slab DETAIL

SCALE: 1/2" = 1'-0"



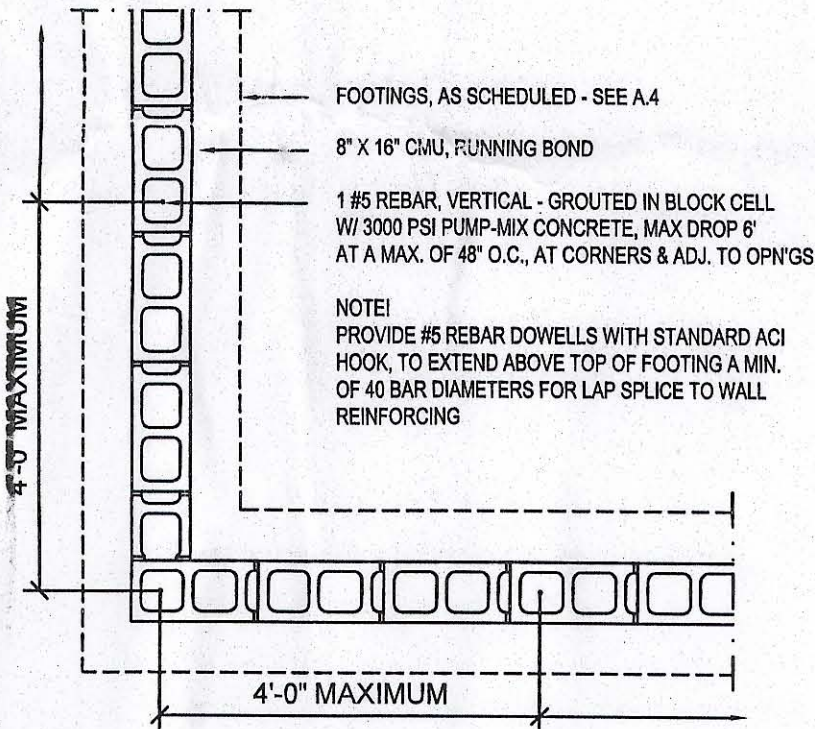
POST TIE DOWN

SCALE: N.T.S.

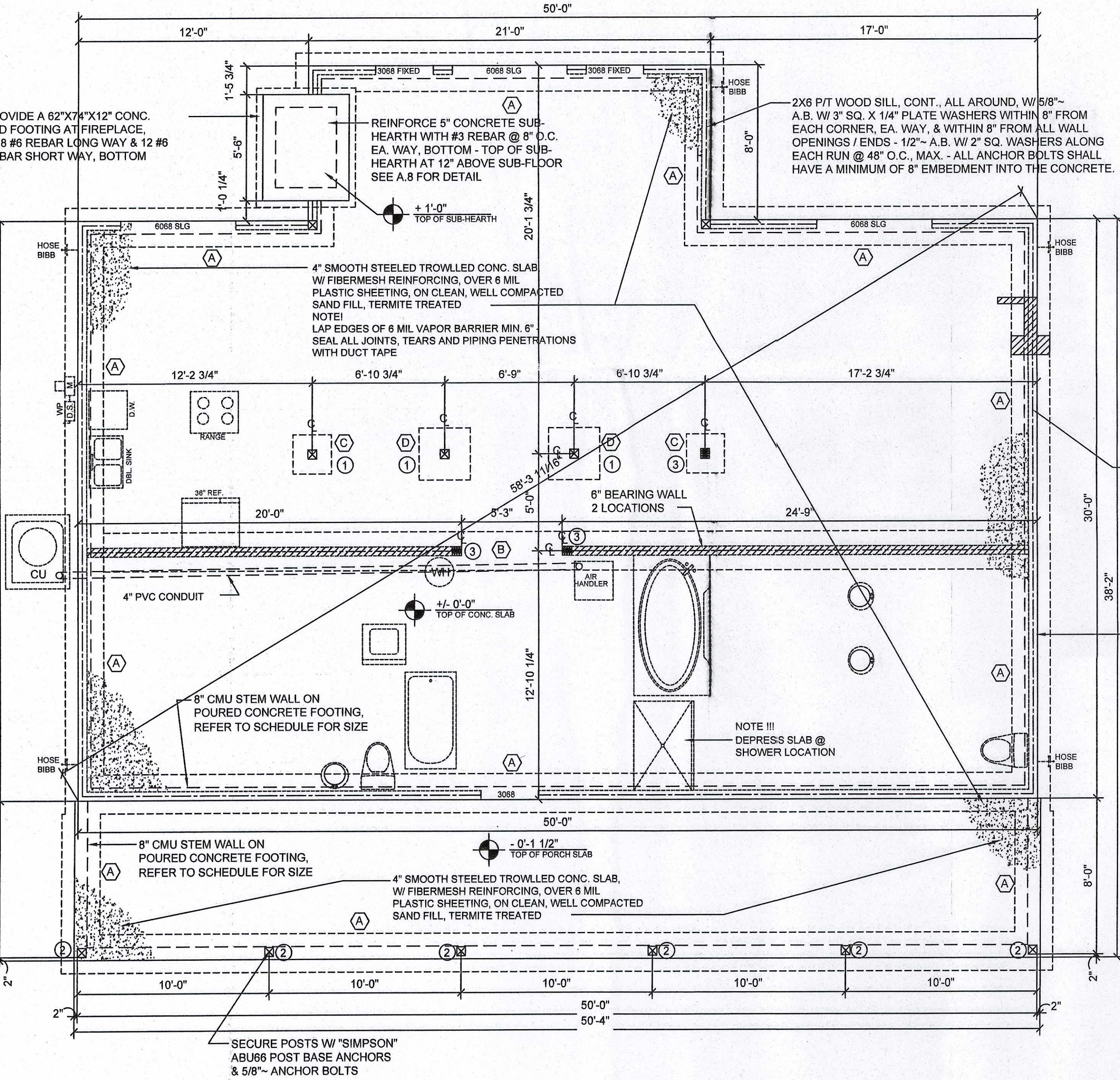


Wall/Foundation Reinf'g DETAIL

SCALE: 1/2" = 1'-0"



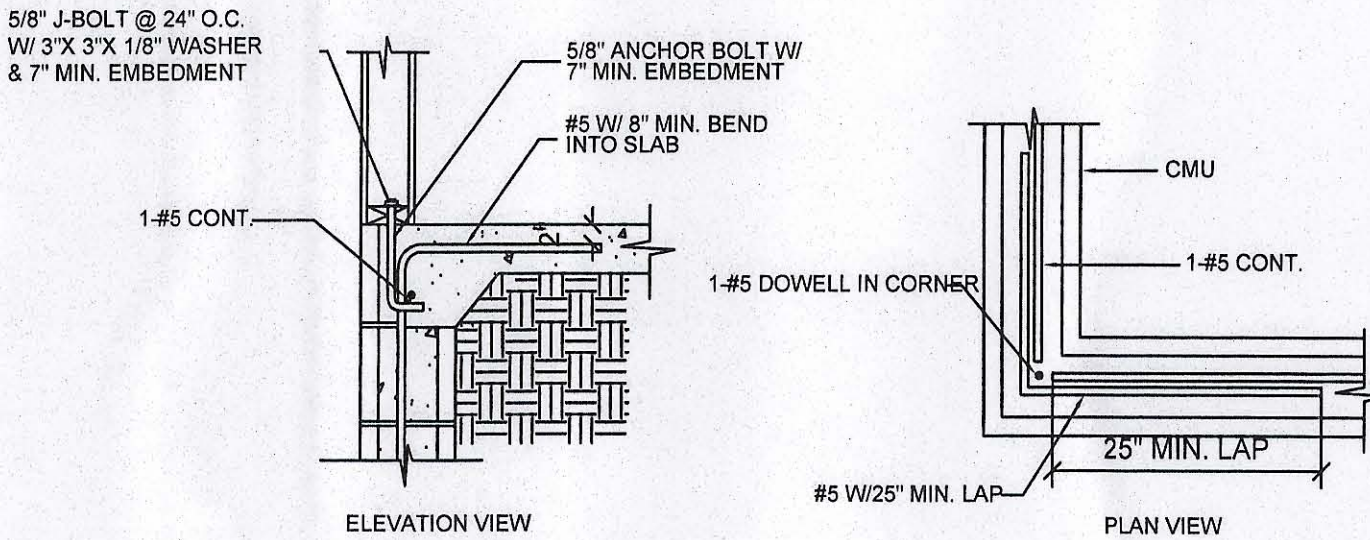
STUD TO SHOE AND TOP PLATE TIES



Foundation PLAN

SCALE: 1/4" = 1'-0"

CONTINUITY REINFORCEMENT AT CORNERS



REVISION NOTES

DATE

REV #

0

4/4/04

130 West Howard Street

Live Oak FL 32064

Phone: (386) 362-3678

Fax: (386) 362-6133

Autn. # 9461

STRUCTURAL CIVIL ENGINEERS

GARY GILL, P.E.

EMMA HAVIARAS

NEW RESIDENCE

COLUMBIA COUNTY

FOUNDATION PLAN

PROJECT NUMBER

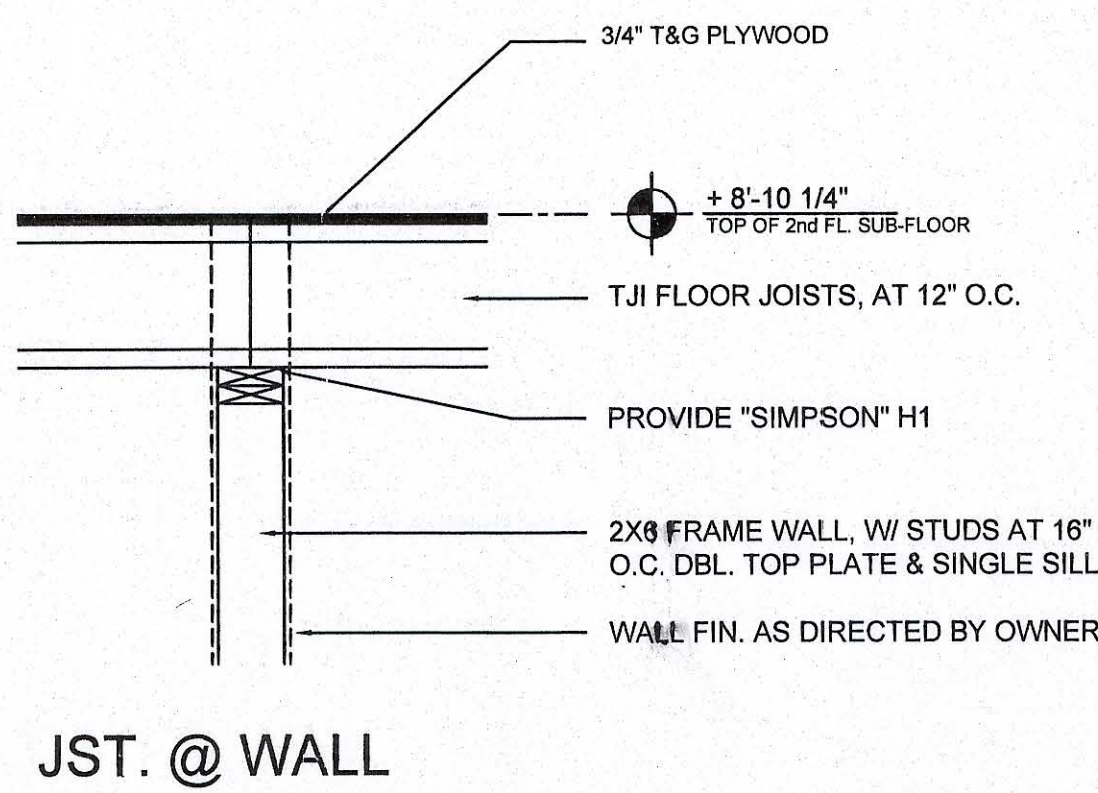
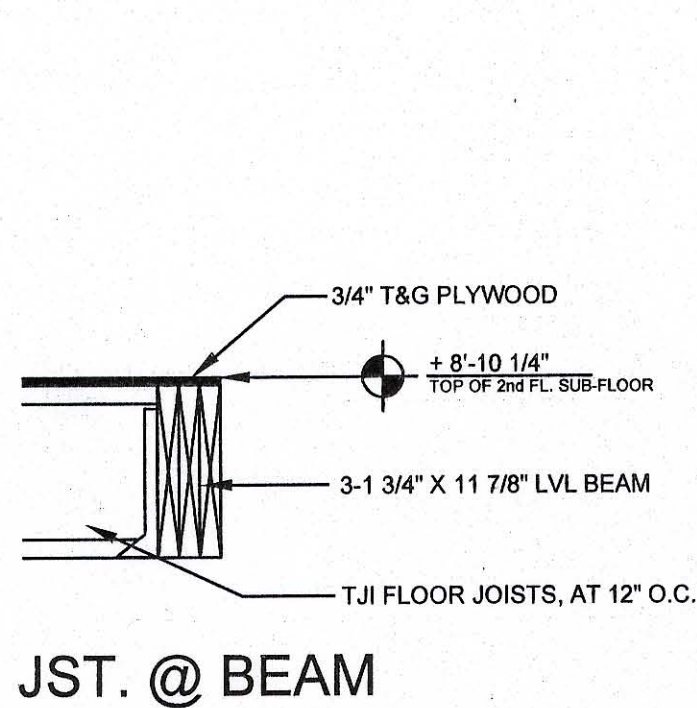
PF05-024

DRAWN BY

CHECKED BY

SHEET NUMBER

A-4

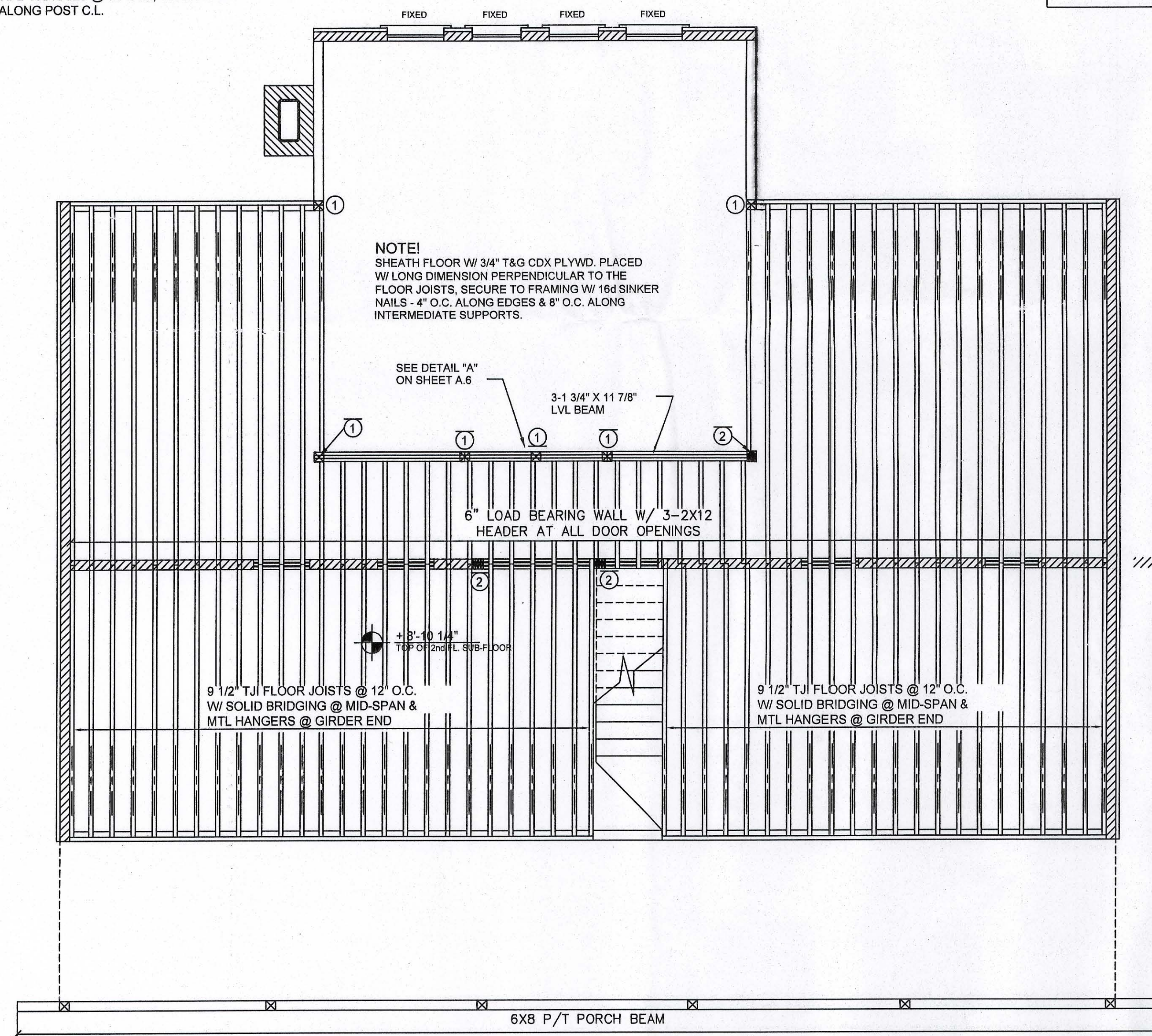


Fl. Jst. @ CEN. SUPPORT

SCALE: 3/4" = 1'-0"

POST SCHEDULE

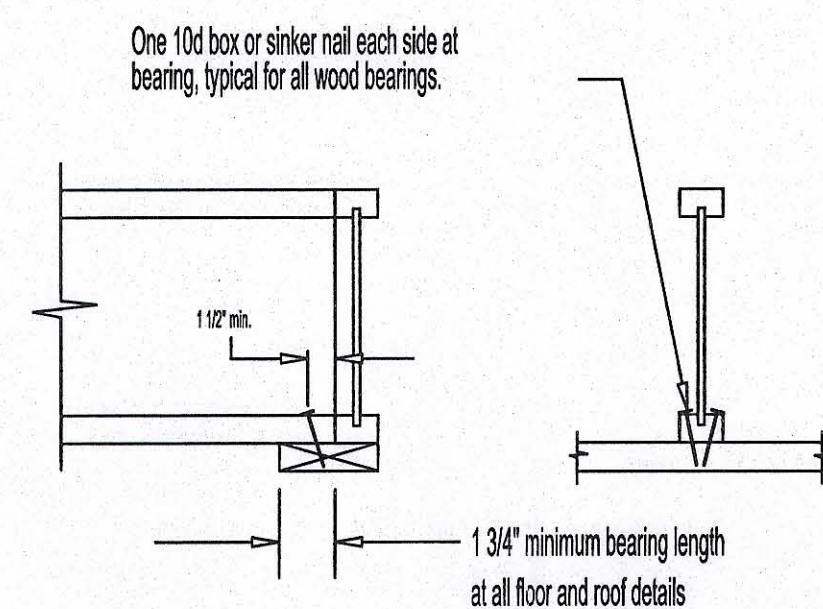
- ① 6X6 SYP. POST
- ② 4 - 2X6 BUILT-UP WOOD POST, SECURE W/ 2-16d NAILS @ 12" O.C., STAGGERED ALONG POST C.L.



2nd Fl. Framing PLAN

SCALE: 1/4" = 1'-0"

F1 ATTACHMENT AT END BEARING



To avoid splitting flange, start nails at least 1 1/2" from end. Drive nails at an angle to prevent splitting of bearing plate.

PROVIDE 1 #5 REBAR GROUTED IN BLOCK CELLS, AS SHOWN - HOOK TO FTG STL., LAP SPLICES SHALL BE 30 BAR ~, MIN.

PROVIDE 8X8 PRECAST CONC LINTEL, BOTTOM @ 4'-8" ABV. CONC. SUB-HEARTH REFER TO GENERAL SECTION AT RIGHT

4" FIREBRICK FIREBOX LINER

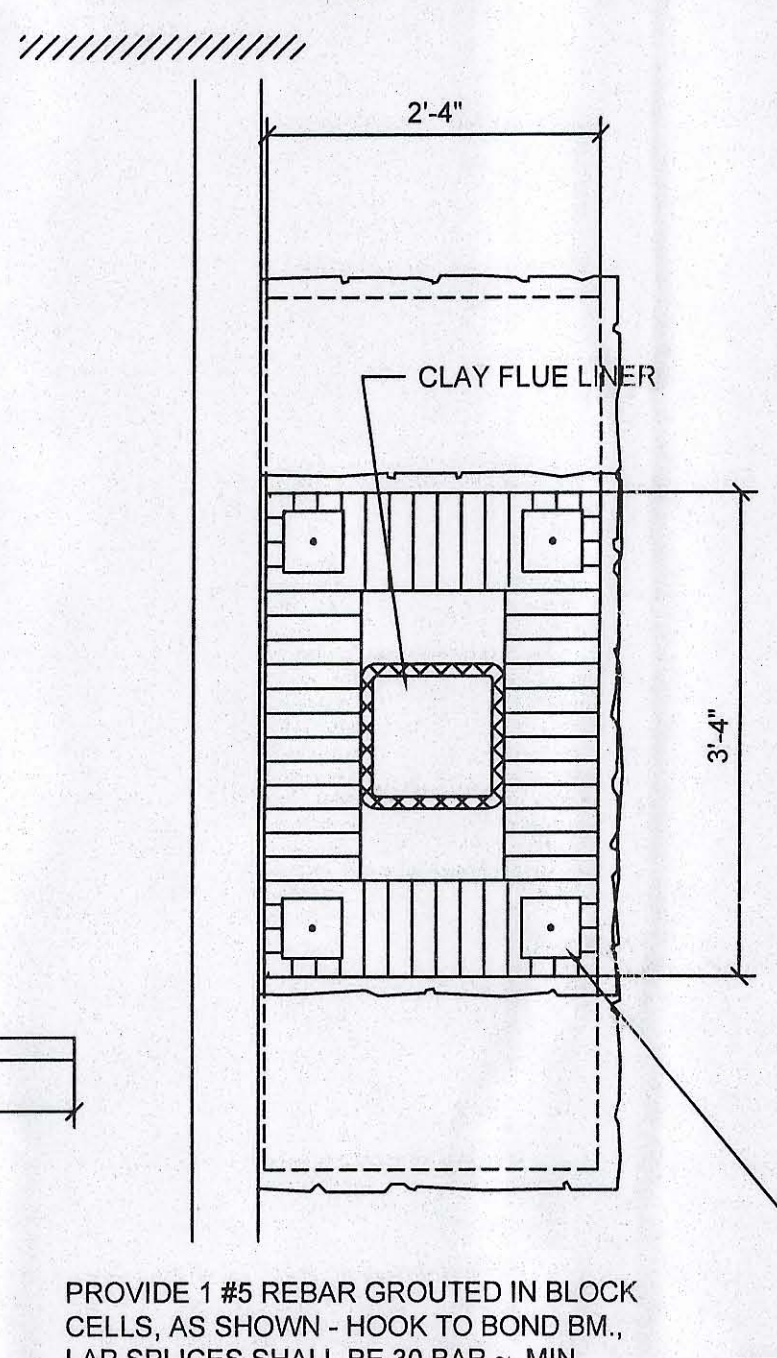
NOTE!
PROVIDE 8X16 BOND BEAM @ CHIMNEY TRANSITION, MAX. 8'-0" O.C. T.O. HEIGHT OF CHIMNEY & @ CHIMNEY TERMINATION, REINFORCE BOND BEAMS W/ 1 #5 TOP & BOTTOM, FILL BOND BEAMS W/ CONC.

MASONRY HEARTH EXTENSION, MINIMUM SIZE SHOWN - DO NOT DECREASE

FINISH AS DIRECTED BY THE OWNER VERIFY IN FIELD

WALL PER PLANS, TYPICAL

FIREBOX PLAN



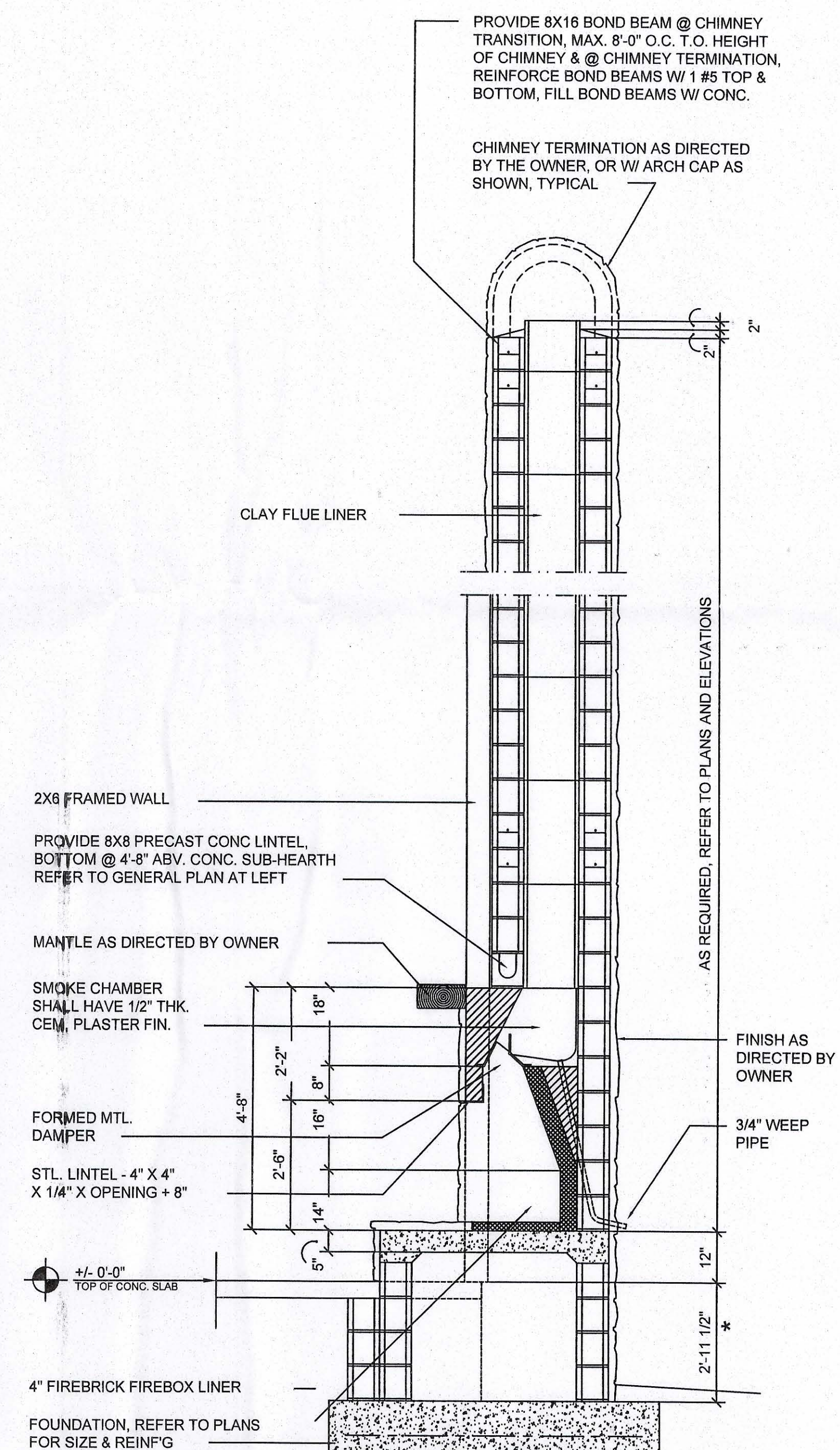
CHIMNEY PLAN

Typical Fireplace PLAN

SCALE: N.T.S.

NOTE!

THESE FIREPLACE DETAILS ARE GENERAL IN NATURE AND PROVIDE A BASIS FOR ACTUAL FIREPLACE CONSTRUCTION. FINAL FIREPLACE DESIGN IS DEPENDENT UPON OWNER DIRECTIVES AS TO FINISH AND GENERAL APPEARANCE. THE MASONRY CONTRACTOR SHALL PROVIDE SHOP DWGS TO THE OWNER AND PERMIT ISSUING AUTHORITY FOR APPROVAL PRIOR TO PROCEEDING WITH THE WORK. ALL LOCAL FIRECODES SHALL BE OBSERVED, AS WELL AS STRUCTURAL CODES FOR APPLIED HORIZONTAL AND VERTICAL LOADS.



Fireplace SECTION

SCALE: 1/2" = 1'-0"

* DIM. MAY VARY - SEE PLANS

Go Ball
10/15/05

REVISION NOTES	DATE	REV #
	4/4/04	0

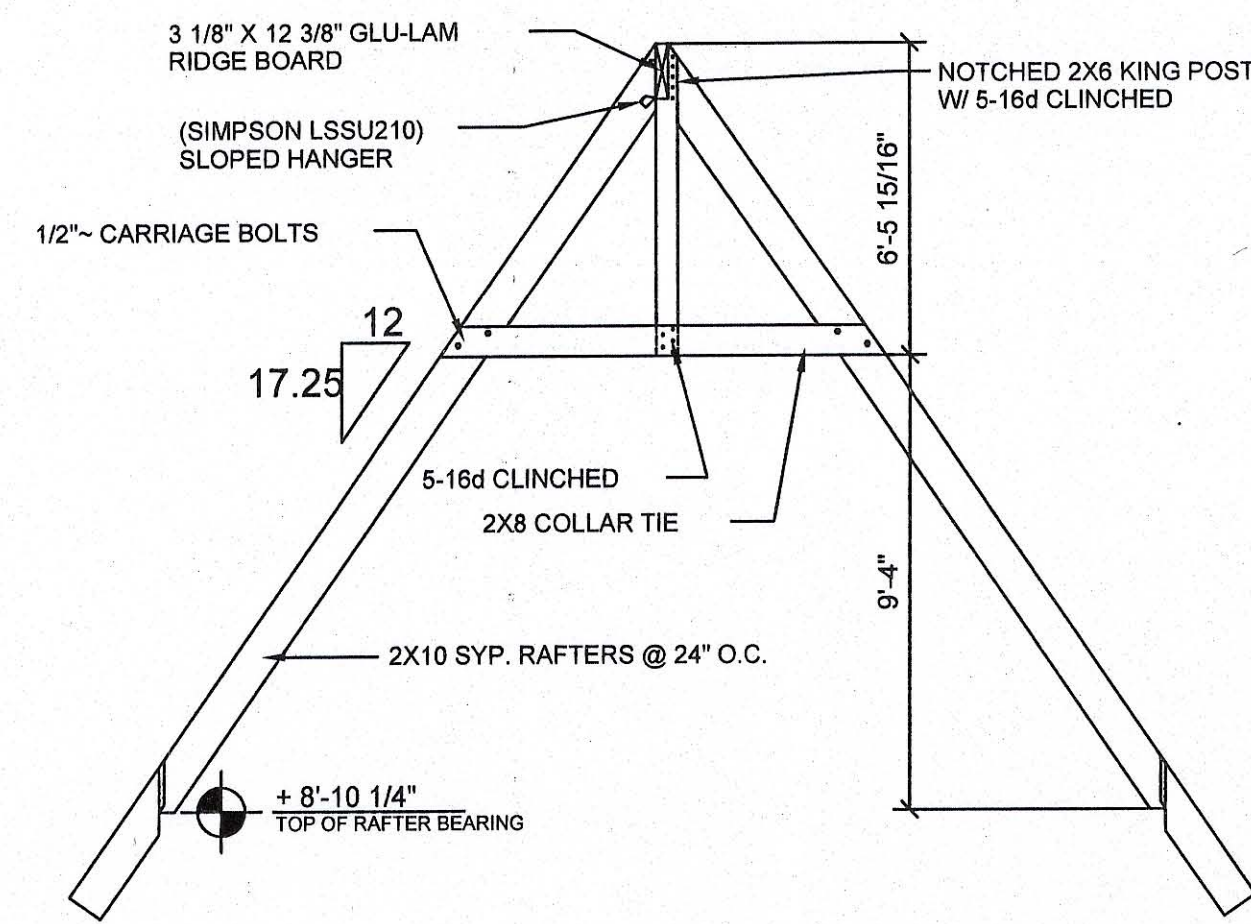
P.O. Box 187
130 West Howard Street
Live Oak, FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Gary Gill, PE
Auth. # 9461

EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY

ROOF FRAMING PLAN

PROJECT NUMBER	PF05-024
DRAWN BY	
CHECKED BY	
SHEET NUMBER	

A-5



Rafter PROFILE

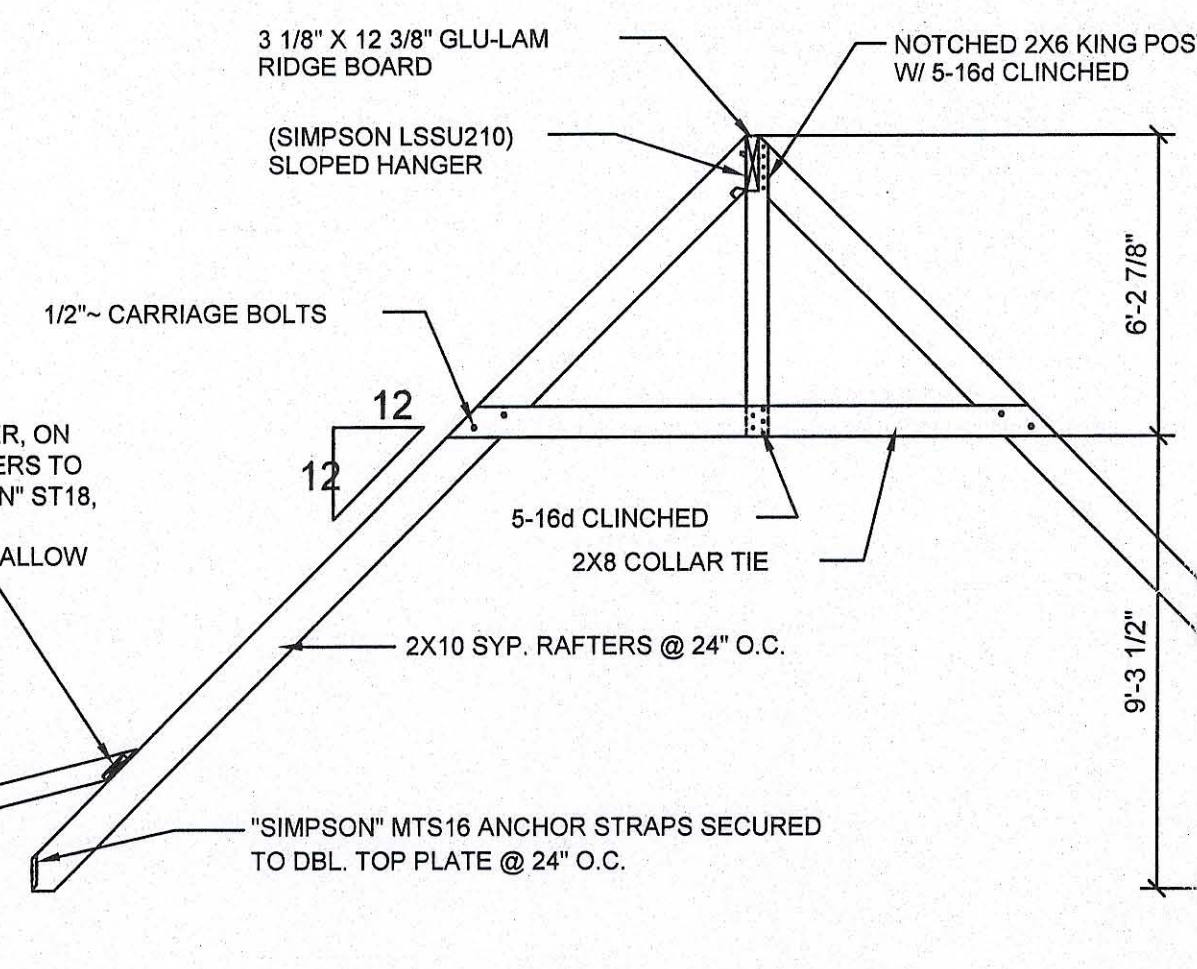
SCALE: 1/4" = 1'-0"

A

NOTE!
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED
W/ LONG DIMENSION PERPENDICULAR TO THE
ROOF TRUSSES, SECURE TO FRAMING W/ 12d
NAILS - 6" O.C. ALONG EDGES & 12" O.C. ALONG
INTERMEDIATE SUPPORTS.

PROVIDE A CONTINUOUS 2X10 NAILER, ON
FLAT, AS SHOWN - STRAP 2X RAFTERS TO
TOP CHORD OF TRUSS W/ "SIMPSON" ST18,
USING 14 - 16d NAILS
OUT SLOT IN ROOF SHEATHING TO ALLOW
PASSAGE OF ST STRAP.

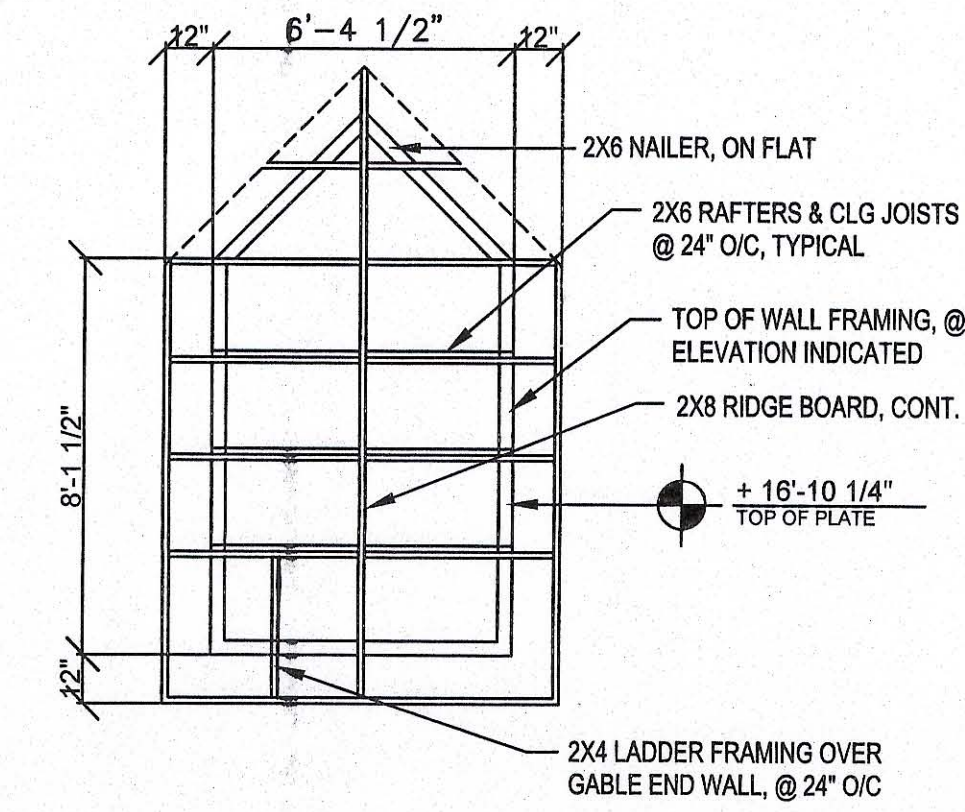
2X6 SYP. RAFTERS
@ 24" O.C., TYP.
6X8 P/T BEAM
"SEMCO" HDPT2 HURRICANE STRAPS
SECURED TO PORCH BEAM, @ 24" O.C.



Rafter PROFILE

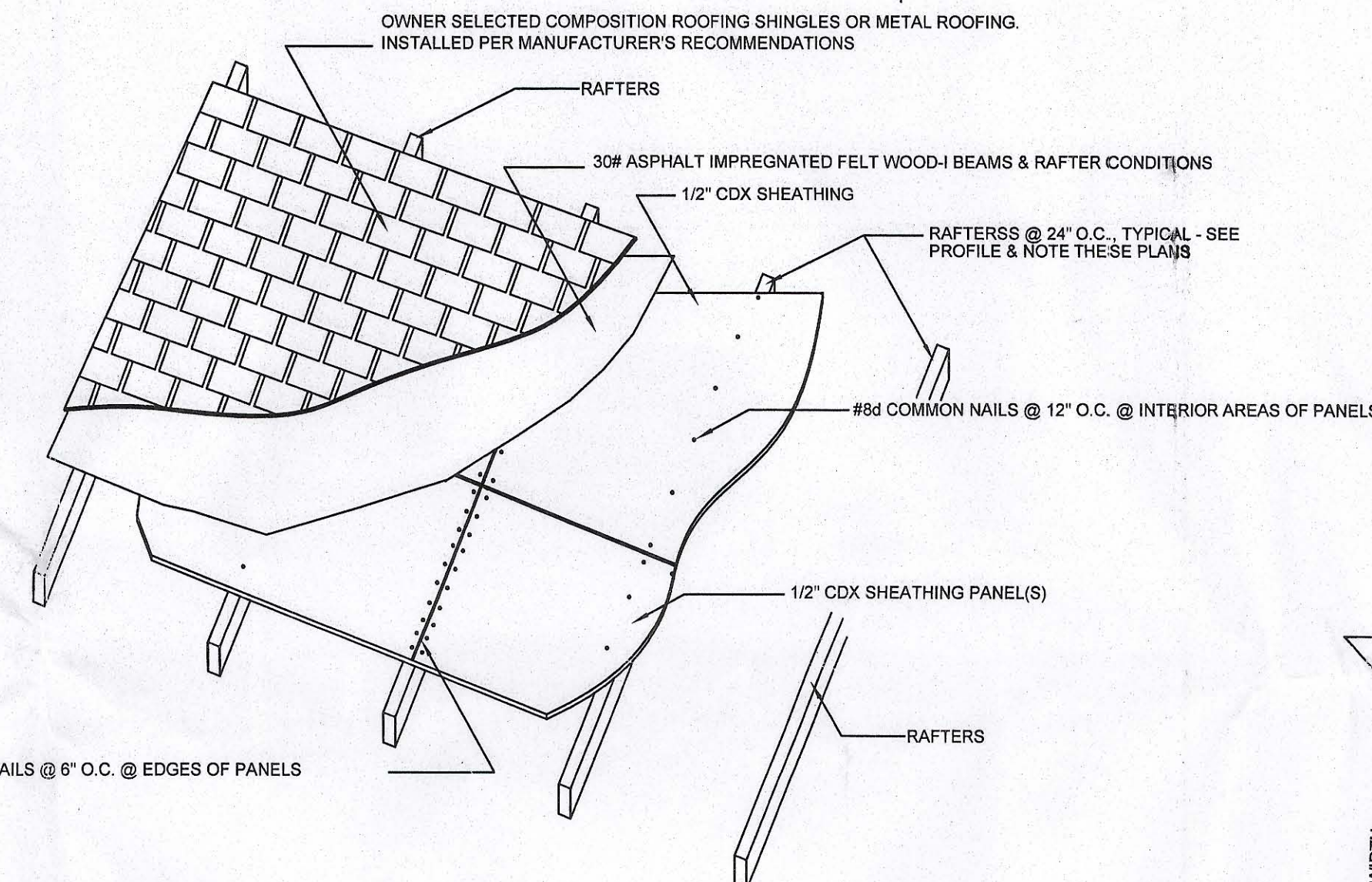
SCALE: 1/4" = 1'-0"

B

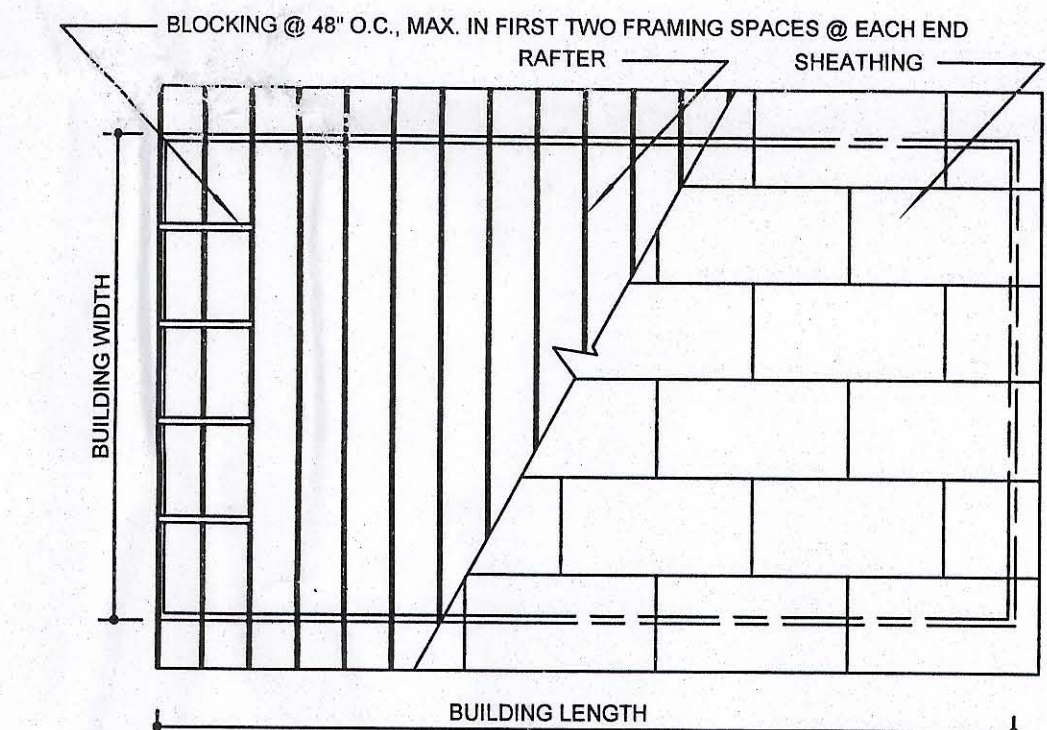


Gable Dormer Framing PLAN

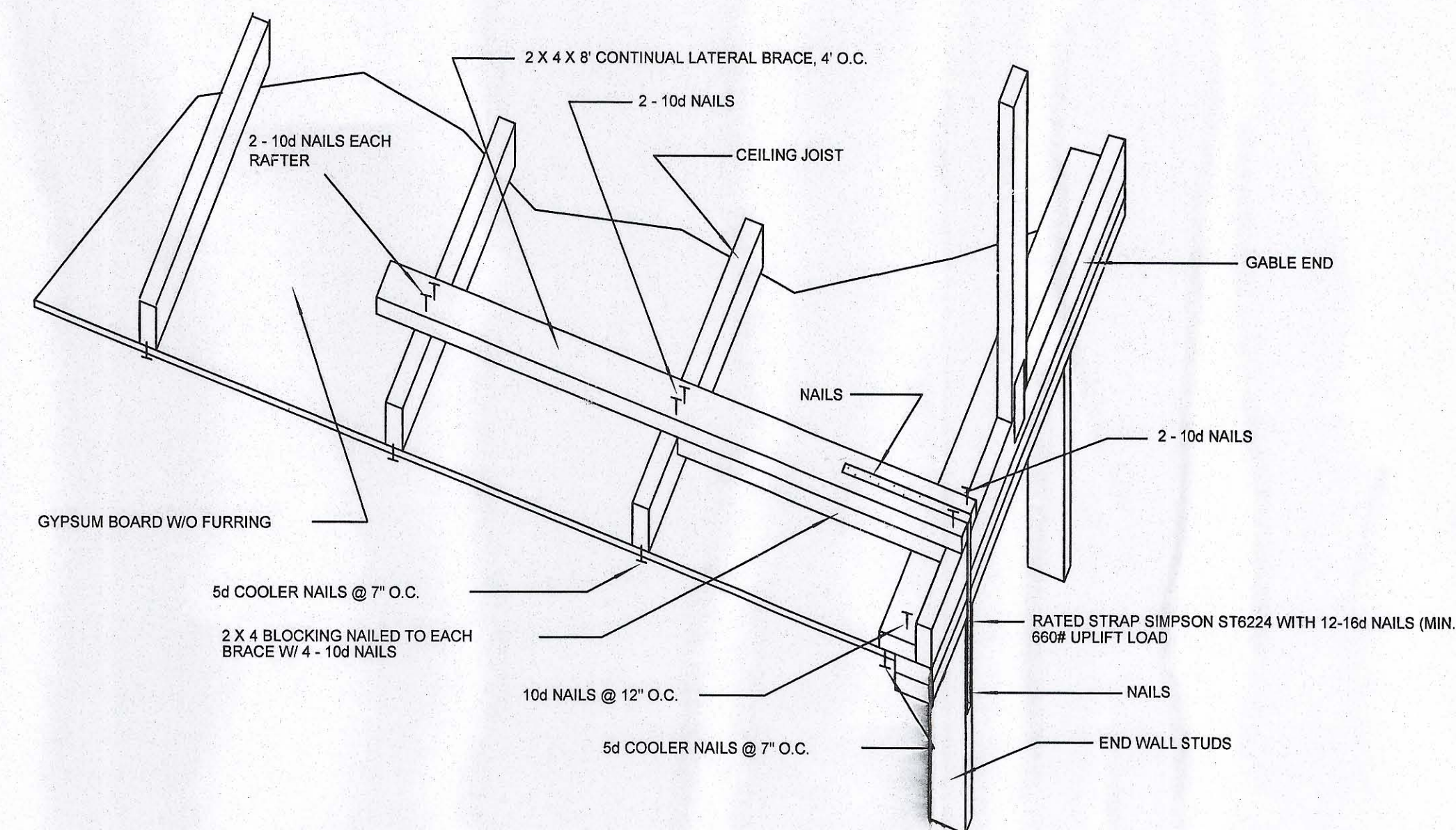
SCALE: 1/4" = 1'-0"



ROOFING & SHEATHING CONNECTIONS TO WOOD-I BEAM & TRUSSES

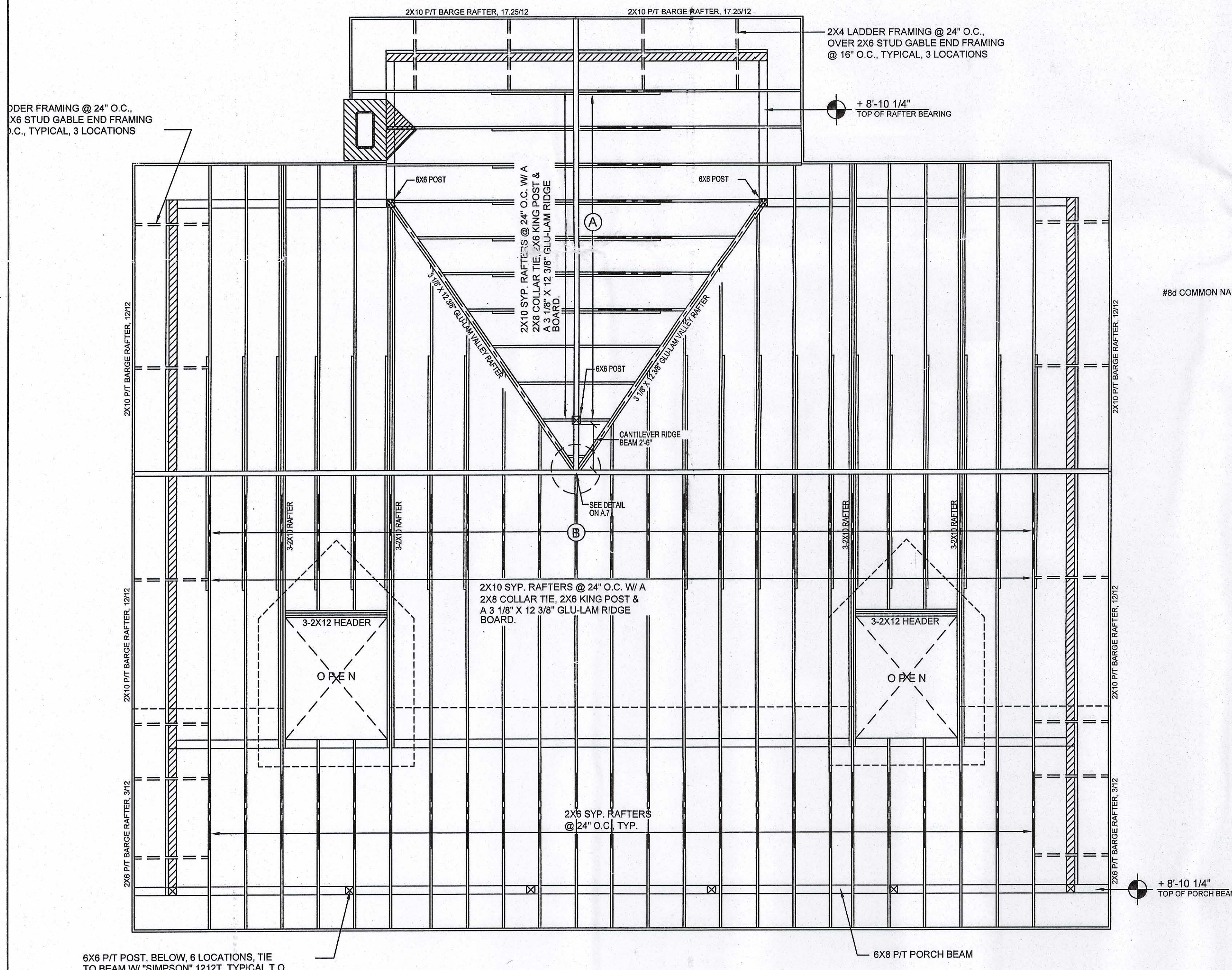


ROOF SHEATHING LAYOUT AND ENDWALL ROOF BRACING



CEILING CONNECTION TO GABLE ENDWALL FOR GYPSUM BOARD DIAPHRAGMS

NOTE!
ELEVATION MARKS ARE FOR REFERENCE ONLY,
FINAL ELEVATIONS ARE DETERMINED BY THE
FINISHED LOG WALL - FIELD MEASURE.

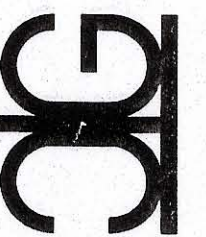


Roof Framing PLAN

SCALE: 1/4" = 1'-0"

REV#	DATE	REVISION NOTES
0	4/4/04	

P.O. Box 187
130 West Howard Street
Live Oak FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Auth. # 9461



EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY

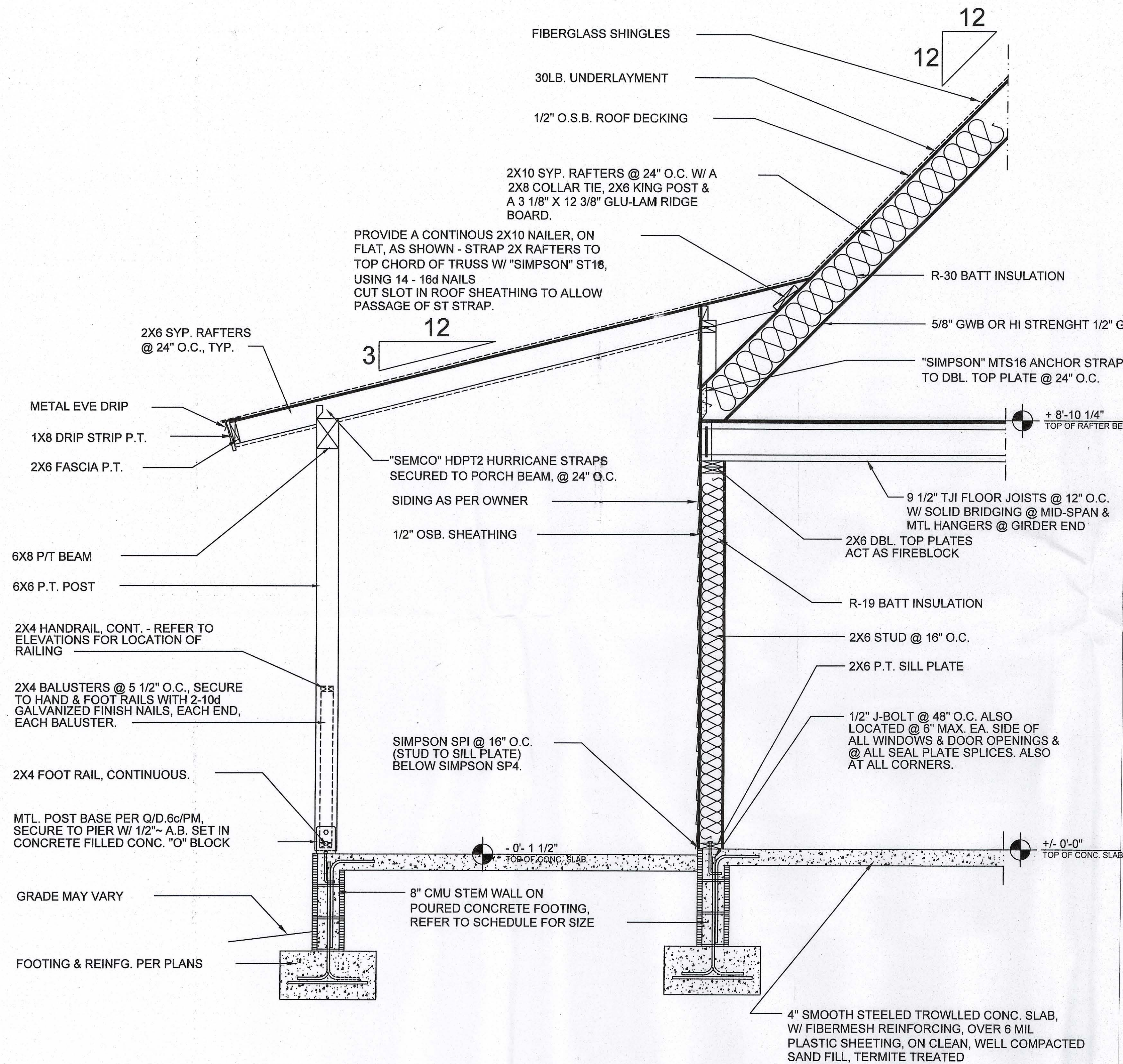
ROOF FRAMING PLAN

PROJECT NUMBER	PF05-024
DRAWN BY	
CHECKED BY	
SHEET NUMBER	

A-6

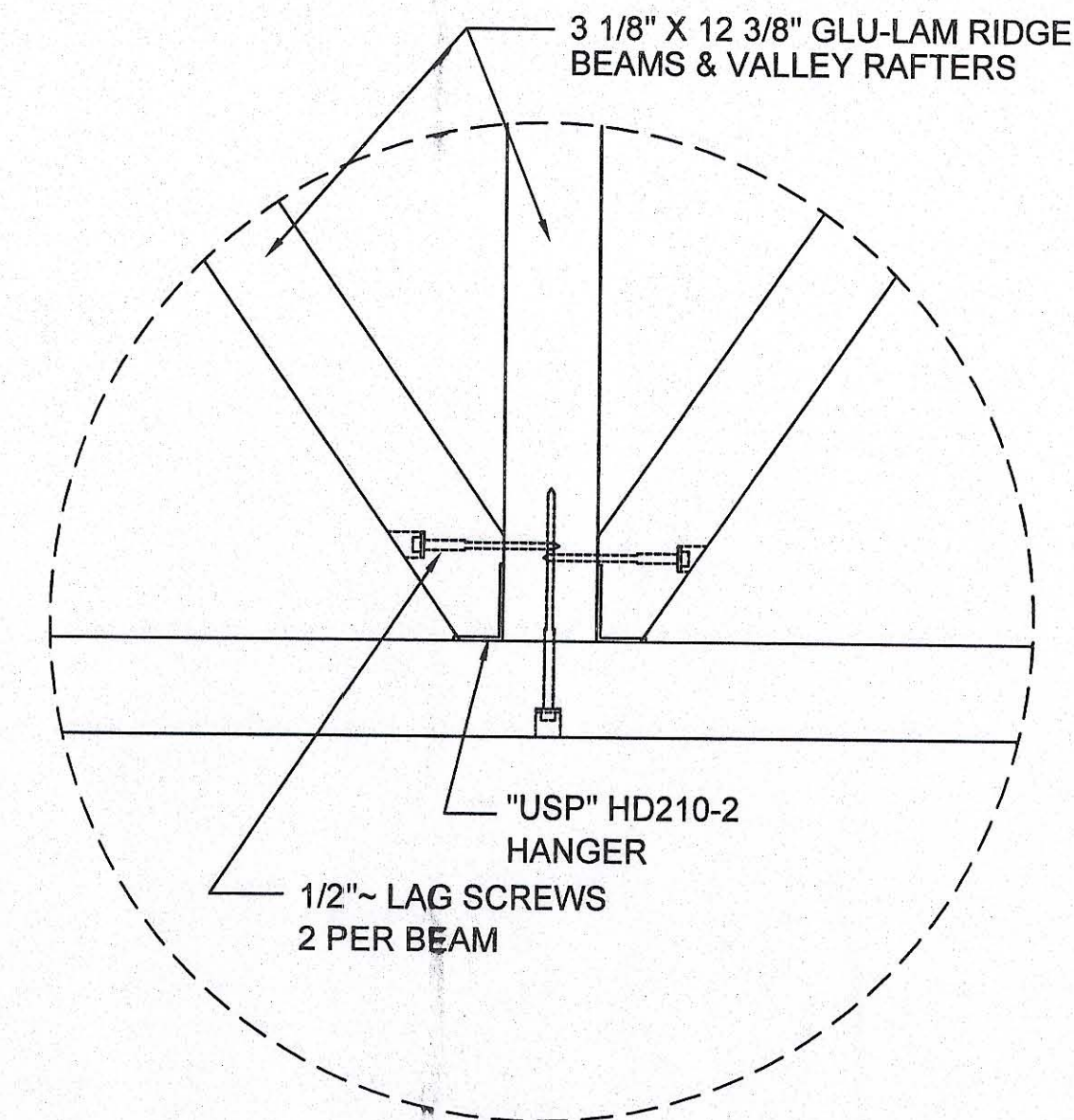
Handwritten signature and date: 10/3/07

NOTE:
INSTALL SIMPSON ST18 STRAP W/ 7-16d
NAILS EA. SIDE OF ALL EXTERIOR DOOR
& WINDOW HEADERS. (HEADER TO STUD/
TRIMMER CONNECTION)



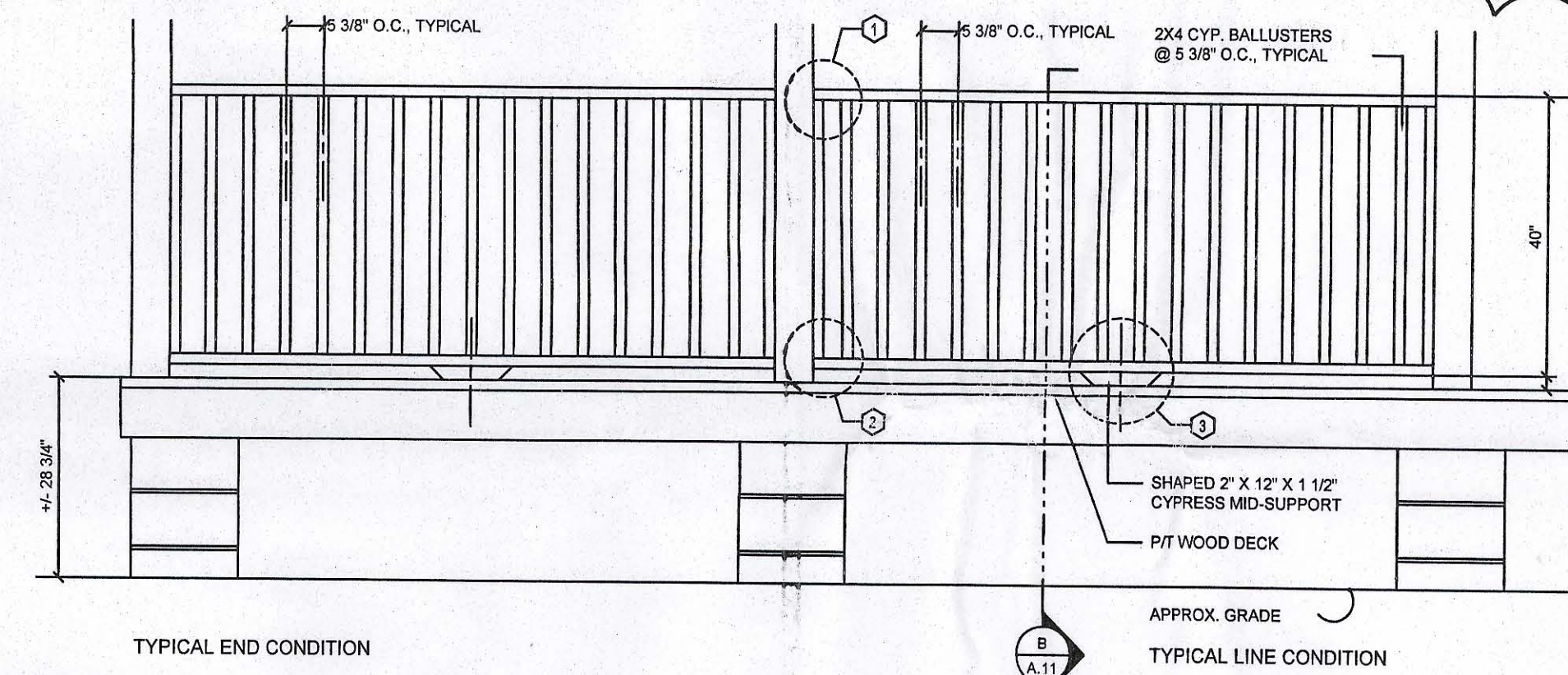
Wall SECTION

SCALE: 3/4" = 1'-0"



RIDGE BEAM & VALLEY RAFTER DETAIL

SCALE: N.T.S.

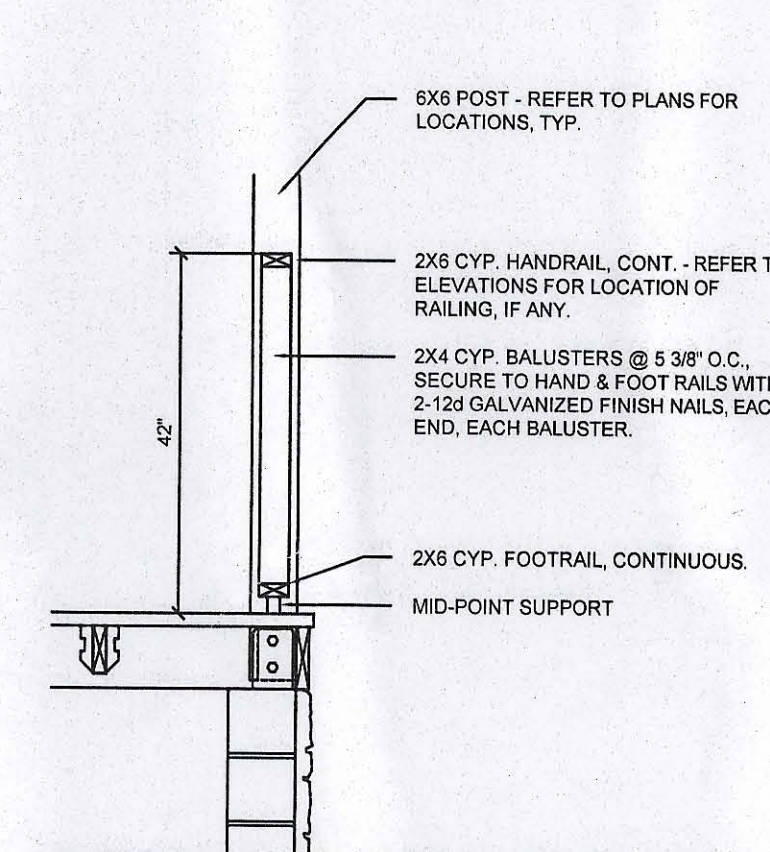


Exterior Railing ELEV.

SCALE: N.T.S.

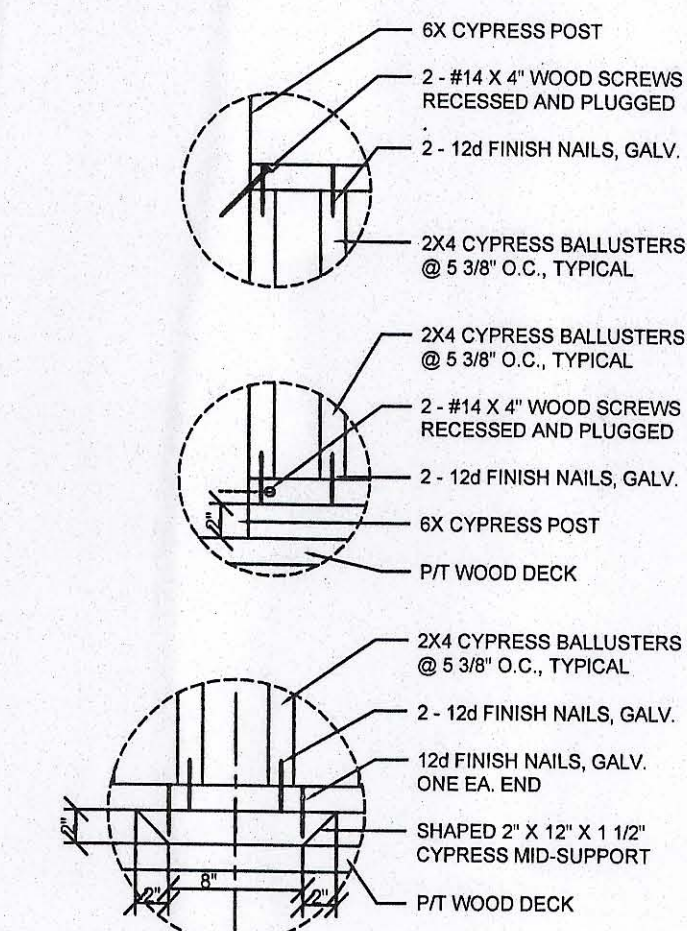
GENERAL NOTES:

- ALL LUMBER SHALL BE SOUTHERN BALD CYPRESS (RED OR YELLOW), GRADE 2 OR BETTER.
- FASTENERS SHALL BE AS FOLLOWS:
#12d GALVANIZED FINISH NAILS
#14 X 4" CAD. PLATED WOOD SCREWS
#12 X 3" CAD. PLATED WOOD SCREWS
#12 X 2 1/2" CAD. PLATED WOOD SCREWS
5/8" THRU-BOLTS W/ 2" WASHERS
REFER TO DETAILS FOR APPLICATION.
- INTERIOR WOOD SHALL BE SMOOTH SANDED READY FOR APPLIED FINISH, AS DIRECTED BY THE OWNER.
- EXTERIOR WOOD SHALL BE FINISHED TO MATCH WALL LOGS.
- ALL CUTS SHALL BE MADE PLUMB AND SQUARE.
- FINISH NAILS SHALL BE SET BELOW SURFACE OF ATTACHED MEMBER.
- ALL SCREW HEADS SHALL BE COUNTERSUNK AND PLUGGED, FLUSH WITH SURROUNDING WOOD SURFACE.
- THRU-BOLTS SHALL BE INSTALLED IN HOLES DRILLED WITH BIT OF SAME DIAMETER AS SHANK OF BOLT, FOR A TIGHT, DRIVE FIT.
- JOB CONDITIONS AS ENCOUNTERED SHALL BE TREATED PER THESE TYPICAL DETAILS. RAILINGS SHALL BE A MINIMUM OF 42" ABOVE WALKING SURFACE AND ALL OPENINGS SHALL BE LIMITED TO REJECT A 4" BALL.



Exterior Railing SEC.

SCALE: N.T.S.



DETAILS

SCALE: N.T.S.

EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY

SECTIONS

PROJECT NUMBER

PF05-024

DRAWN BY

CHECKED BY

SHEET NUMBER

A-7

REVISION NOTES

DATE

REV #

0

4/4/04

130 West Howard Street
Live Oak FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Auth: # 9461

P.O. Box 187

130 West Howard Street

Live Oak FL 32064

Phone: (386) 362-3678

Fax: (386) 362-6133

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

Auth: # 9461

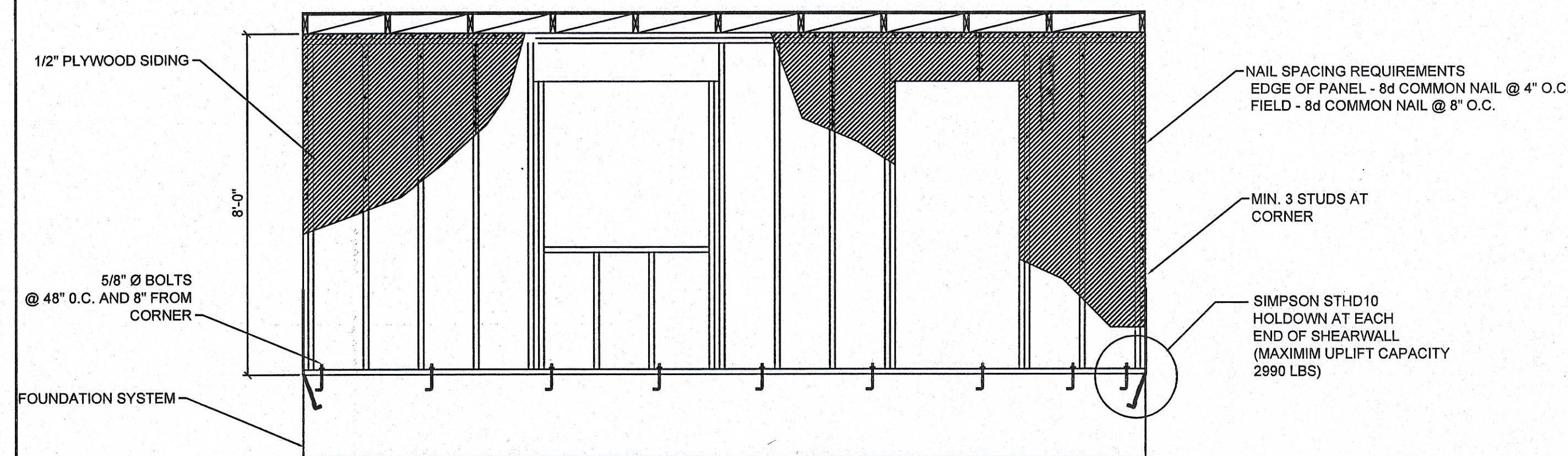
Auth: # 9461

Auth: # 9461

Auth: # 9461

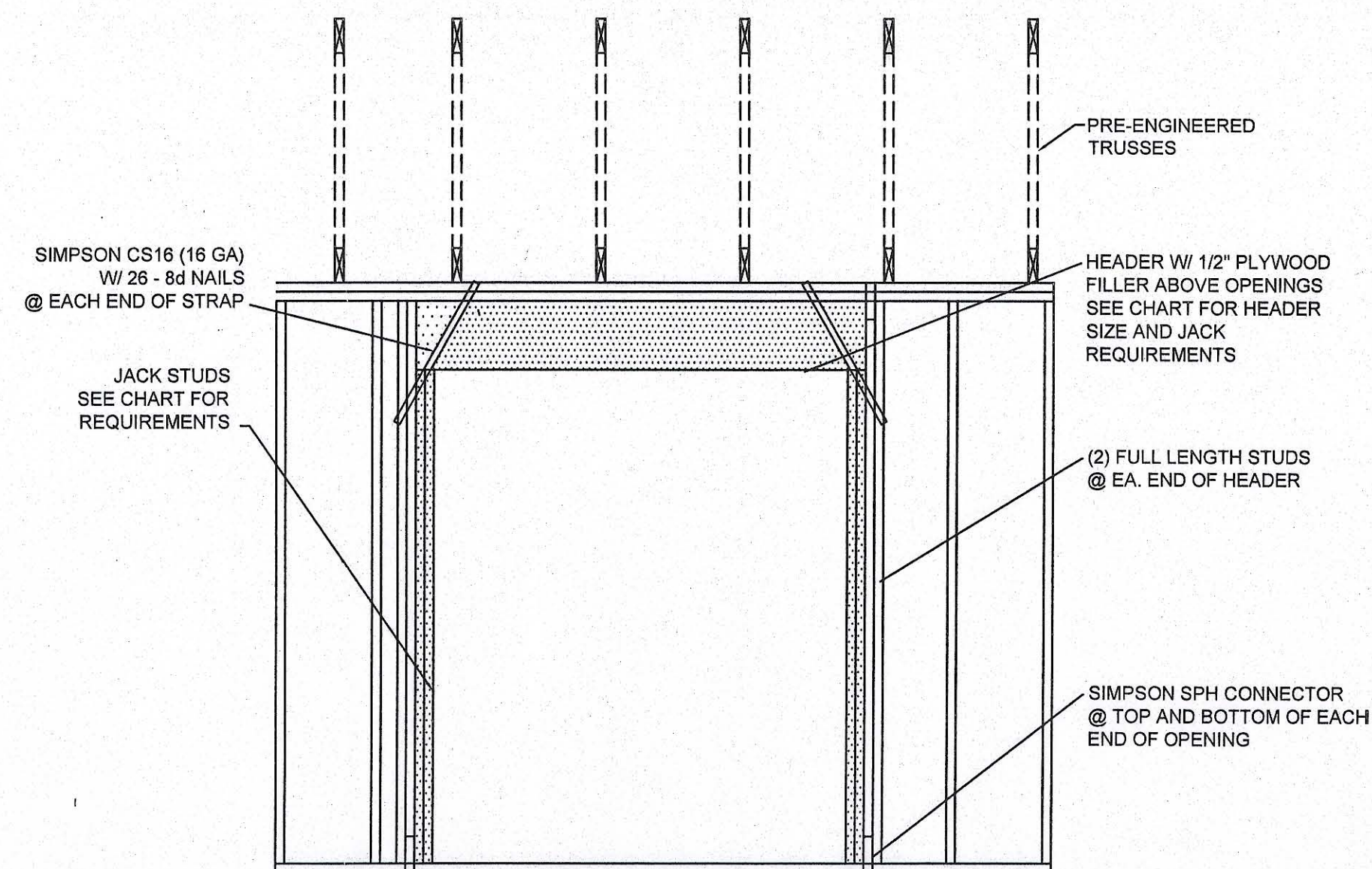
Auth: # 9461

Auth: # 9461



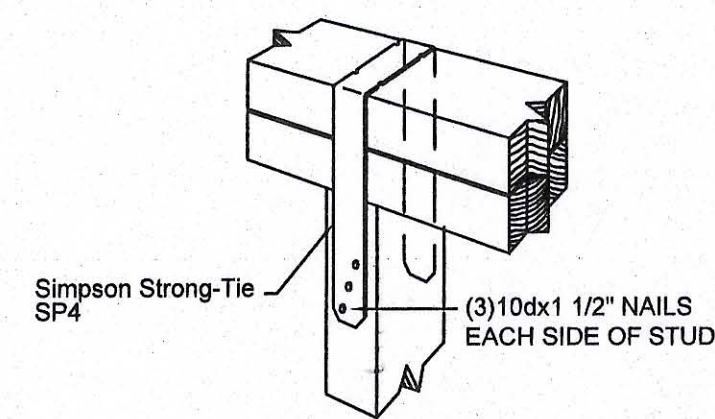
TYPICAL PERFORATED SHEARWALL

SCALE 3/8"=1'-0"

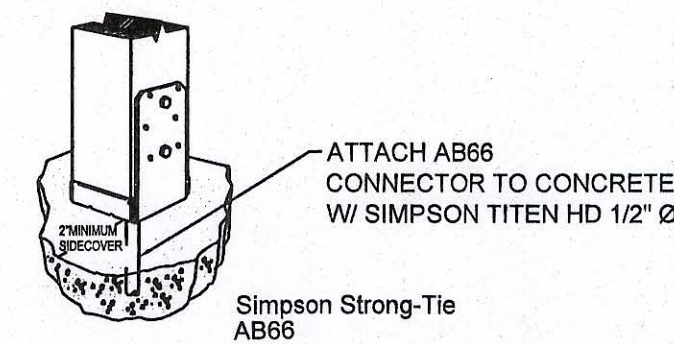


TYP. FRAMING & UPLIFT CONNECTIONS FOR OPENINGS

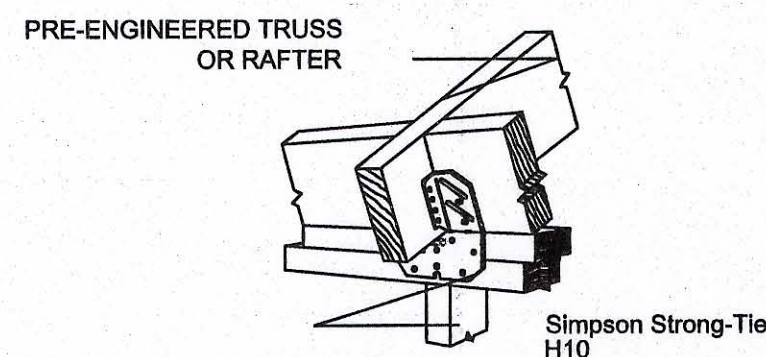
SUPPORTING:		HEADER SPANS FOR EXTERIOR BEARING WALLS					
		BUILDING WIDTH (FT)					
		20'		28'		36'	
HEADER SIZE	SPAN	# JACKS	SPAN	# JACKS	SPAN	# JACKS	
2-2x4	3'-6"	1	3'-2"	1	2'-10"	1	
2-2x6	5'-5"	1	4'-8"	1	4'-2"	1	
2-2x8	6'-10"	1	5'-11"	2	5'-4"	1	
2-2x10	8'-5"	2	7'-3"	2	6'-6"	2	
2-2x12	9'-9"	2	8'-5"	2	7'-6"	2	
3-2x8	8'-4"	1	7'-5"	1	6'-8"	1	
3-2x10	10'-6"	1	9'-1"	2	8'-2"	1	
3-2x12	12'-2"	2	10'-7"	2	9'-5"	2	
4-2x8	9'-2"	1	8'-4"	1	8'-2"	1	
4-2x10	11'-8"	1	10'-6"	1	9'-5"	1	
4-2x12	14'-1"	1	12'-2"	2	10'-11"	1	



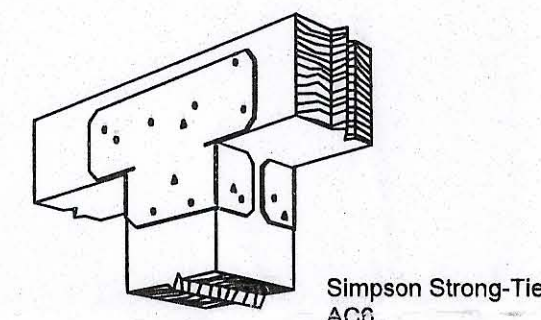
STUD TIES DETAILS



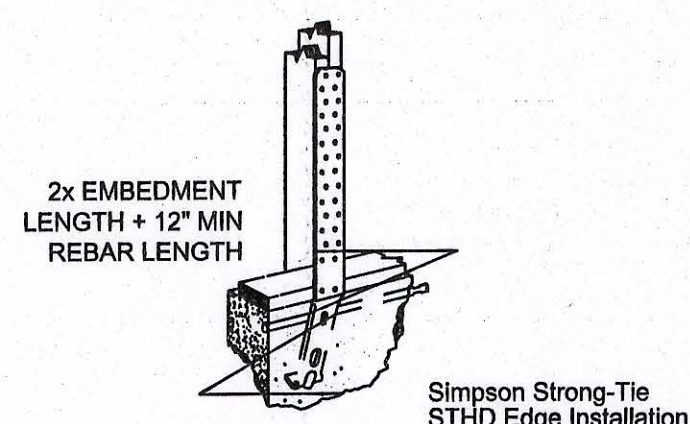
POST ANCHOR DETAIL



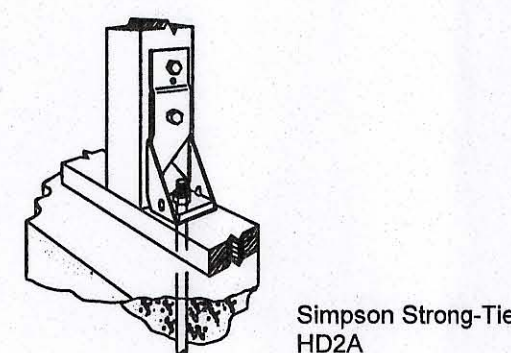
STUD TIES DETAILS



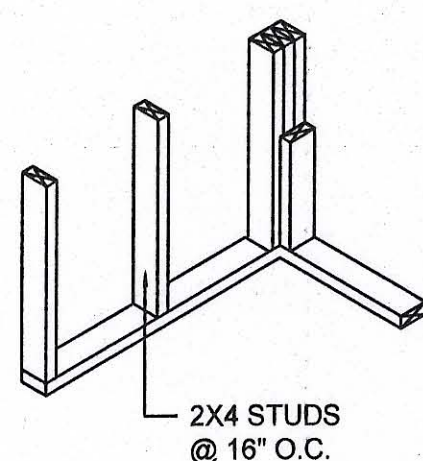
POST CAP DETAIL



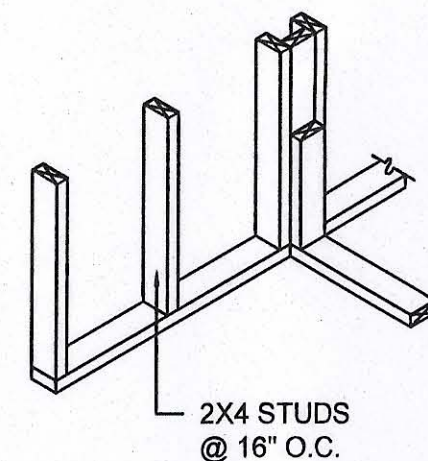
HOLDOWN DETAIL



HOLDOWN DETAIL

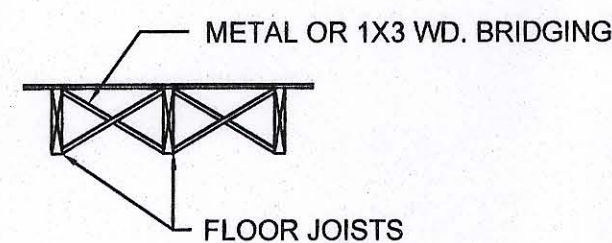
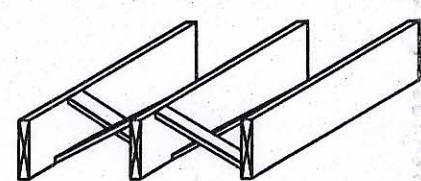


WALL CORNER

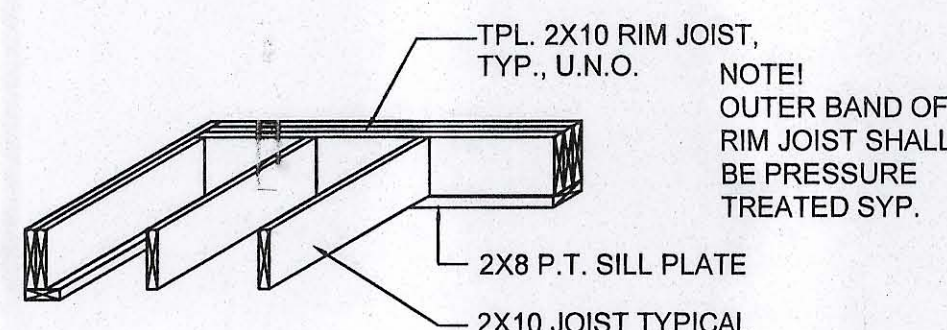


WALL INTERSECTION

NAIL BRIDGING STRIPS AT TOP, BUT NOT AT BOTTOM, INSTALL SUB-FLOOR THEN SECURELY NAIL BRIDGING IN PLACE AFTER FRAMING IS COMPLETE.

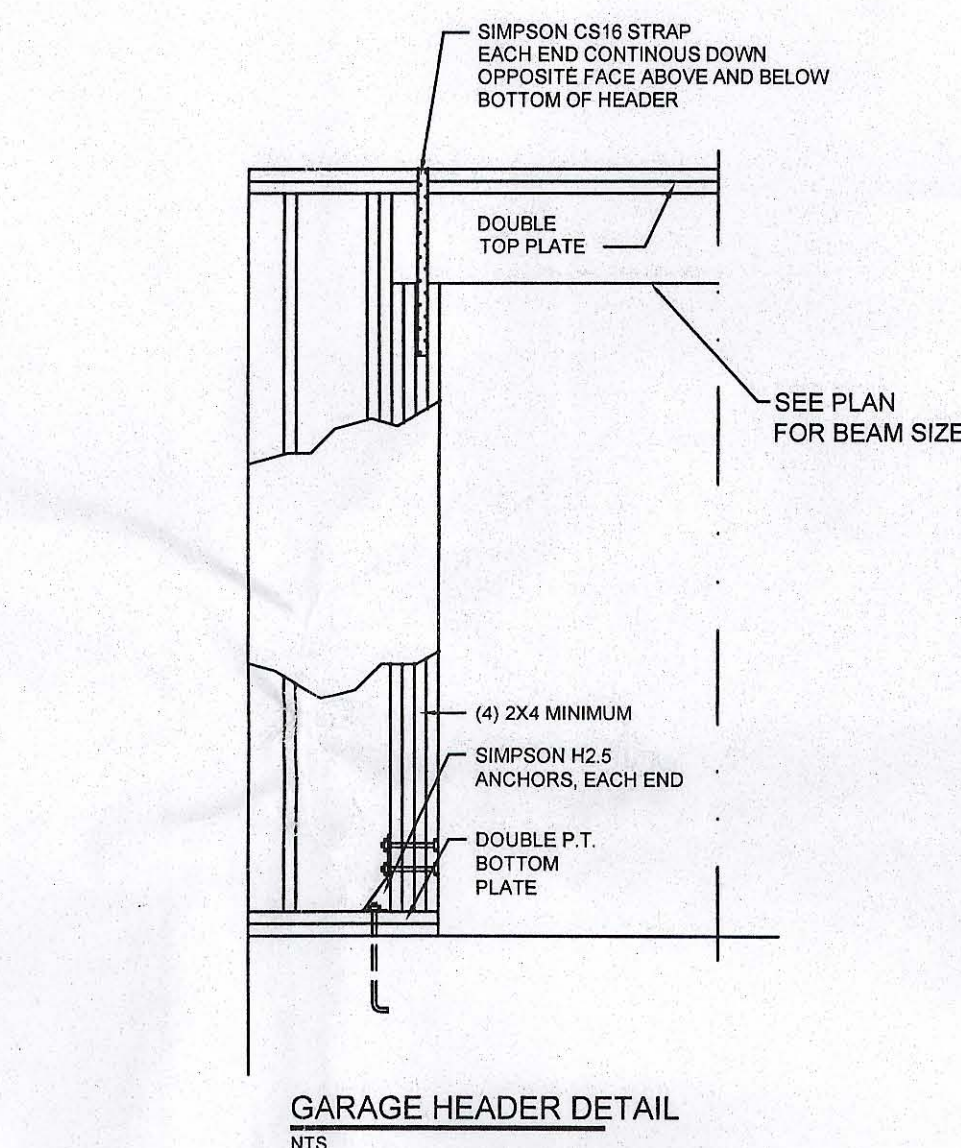


NOTE: ALTERNATE BRIDGING MAY BE ACCOMPLISHED W/ SECTIONS OF FLOOR JOIST MATERIAL PLACED PERPENDICULAR TO JOISTS, STAGGERED ALONG THE LINE OF BRIDGING.

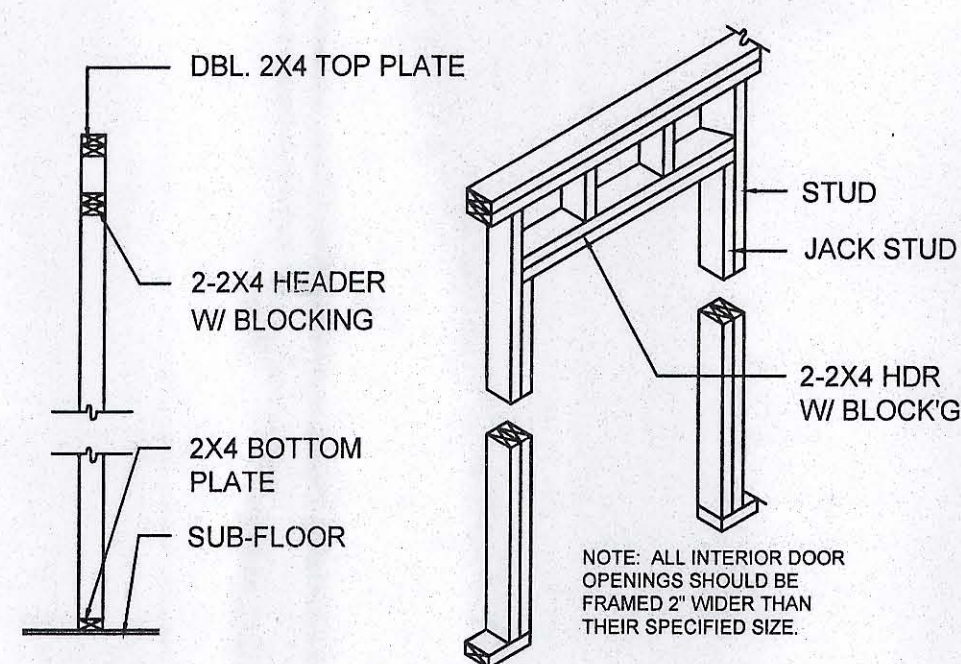


TYPICAL 1st FLOOR FRAMING

NOTE: SEE PLANS FOR SIZE & SPACING



GARAGE HEADER DETAIL



NON-BEARING WALL HEADER

REVISION NOTES

REV #	DATE	ISSUED FOR CONSTRUCTION
09-28-04		

P.O. Box 187
130 West Howard Street
Live Oak, FL 32060
Phone: (386) 362-3678
Fax: (386) 362-6133
Auth: # 9461

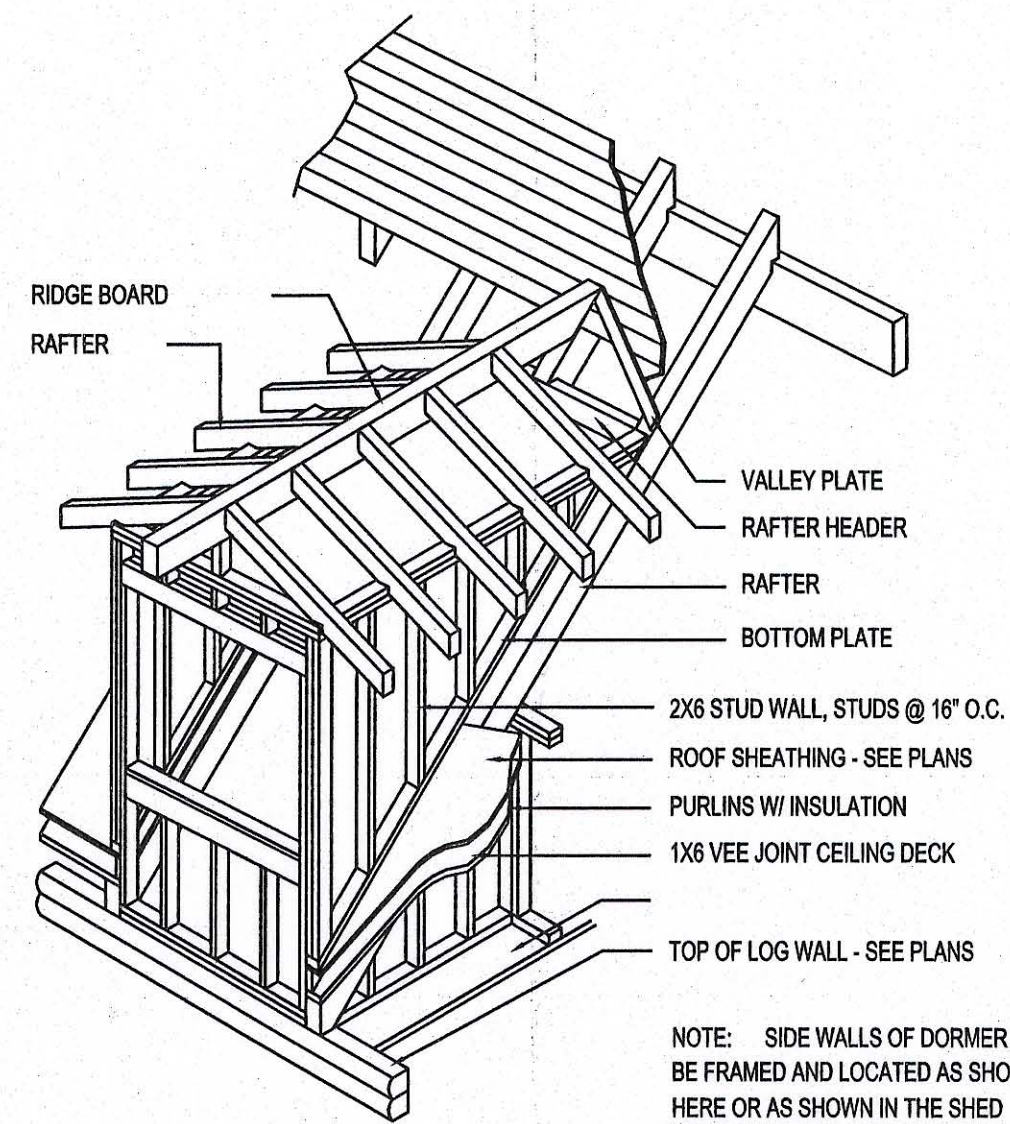
GG
STRUCTURAL CIVIL ENGINEERS

EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY, FLORIDA

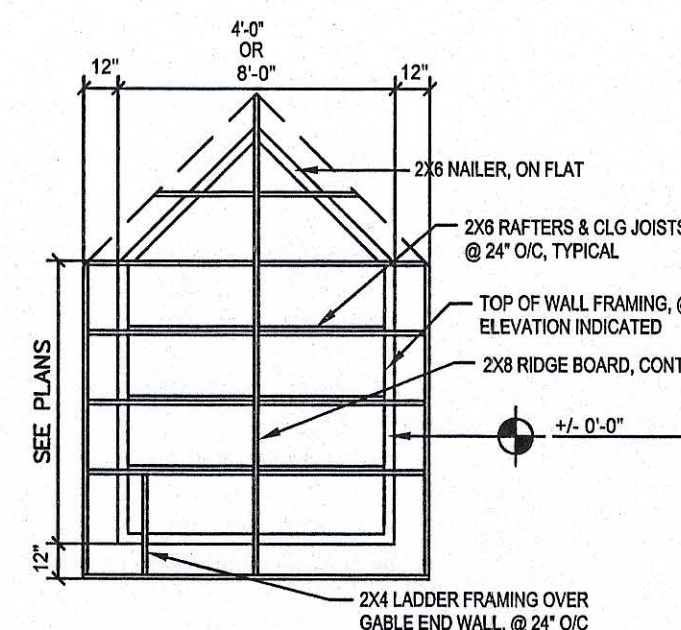
WALL AND FLOOR DETAILS

PROJECT NUMBER: PF05-024
DRAWN BY: D. PRICE
CHECKED BY: GG
SHEET NUMBER: S-1

10/5/05



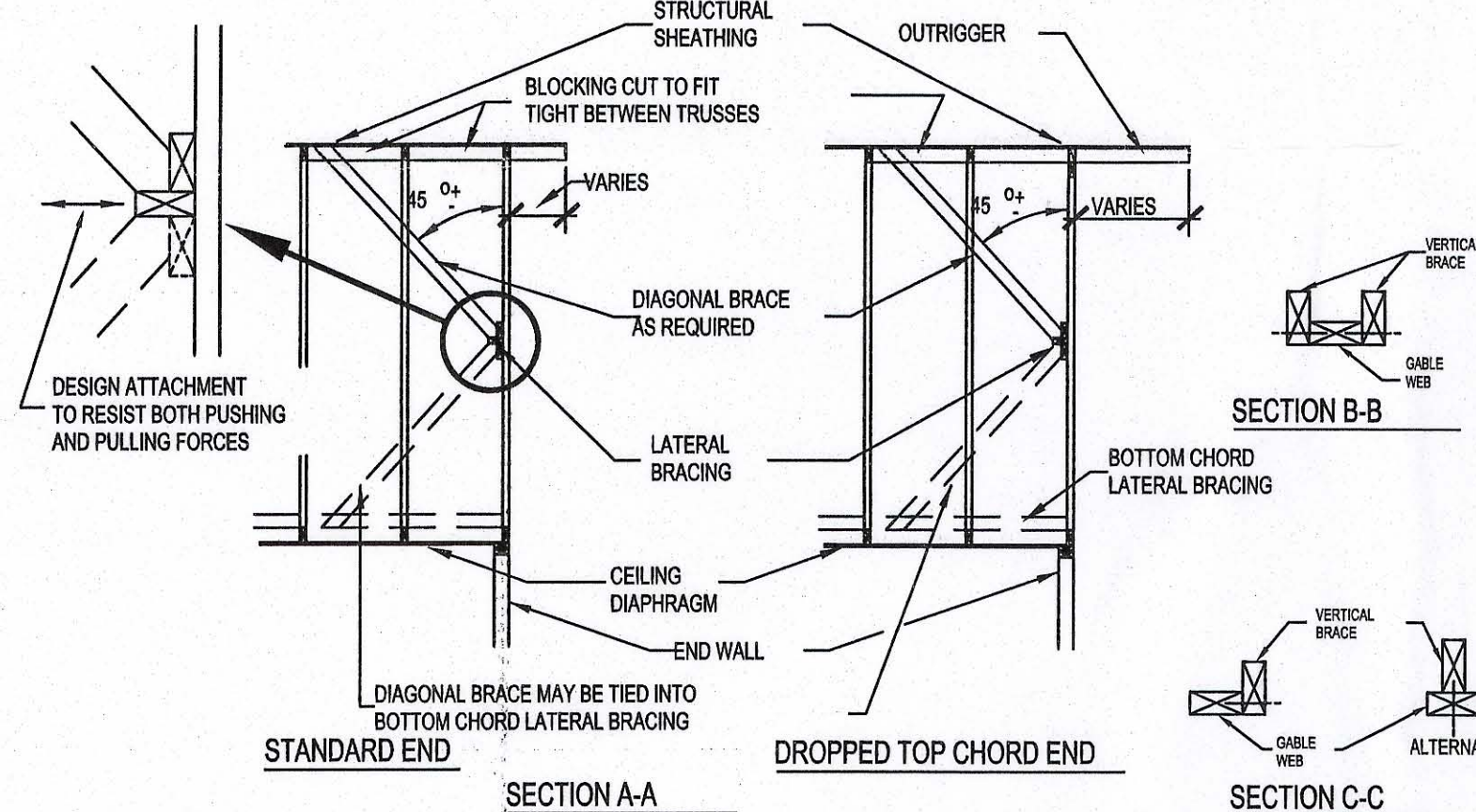
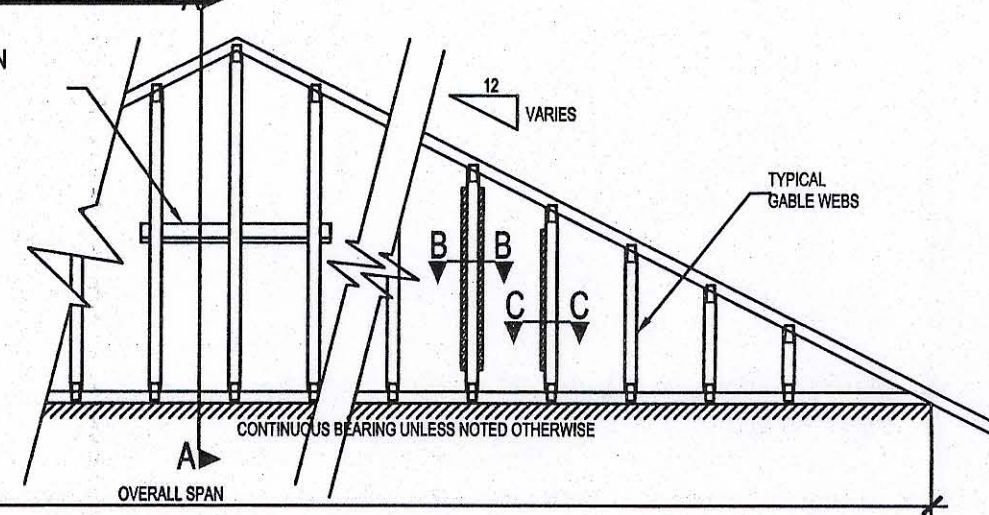
NOTE: SIDE WALLS OF DORMER MAY BE FRAMED AND LOCATED AS SHOWN HERE OR AS SHOWN IN THE SHED DORMER DETAIL - SEE PLANS



GABLE END FRAMING
NTS

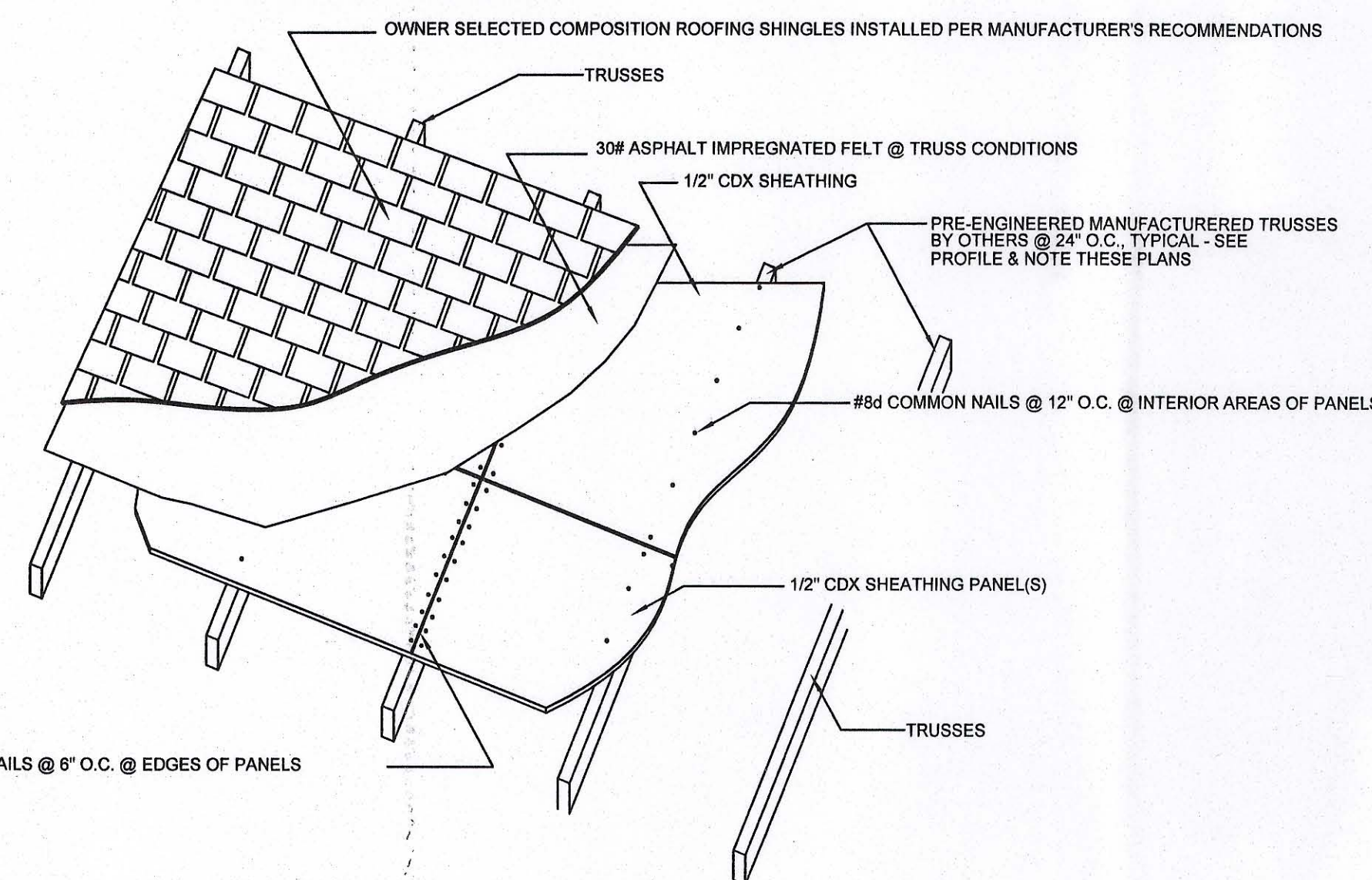
GABLE END DETAIL

LATERAL BRACING NUMBER & LOCATION ON WEBS VARIES WITH DESIGN CONDITIONS.

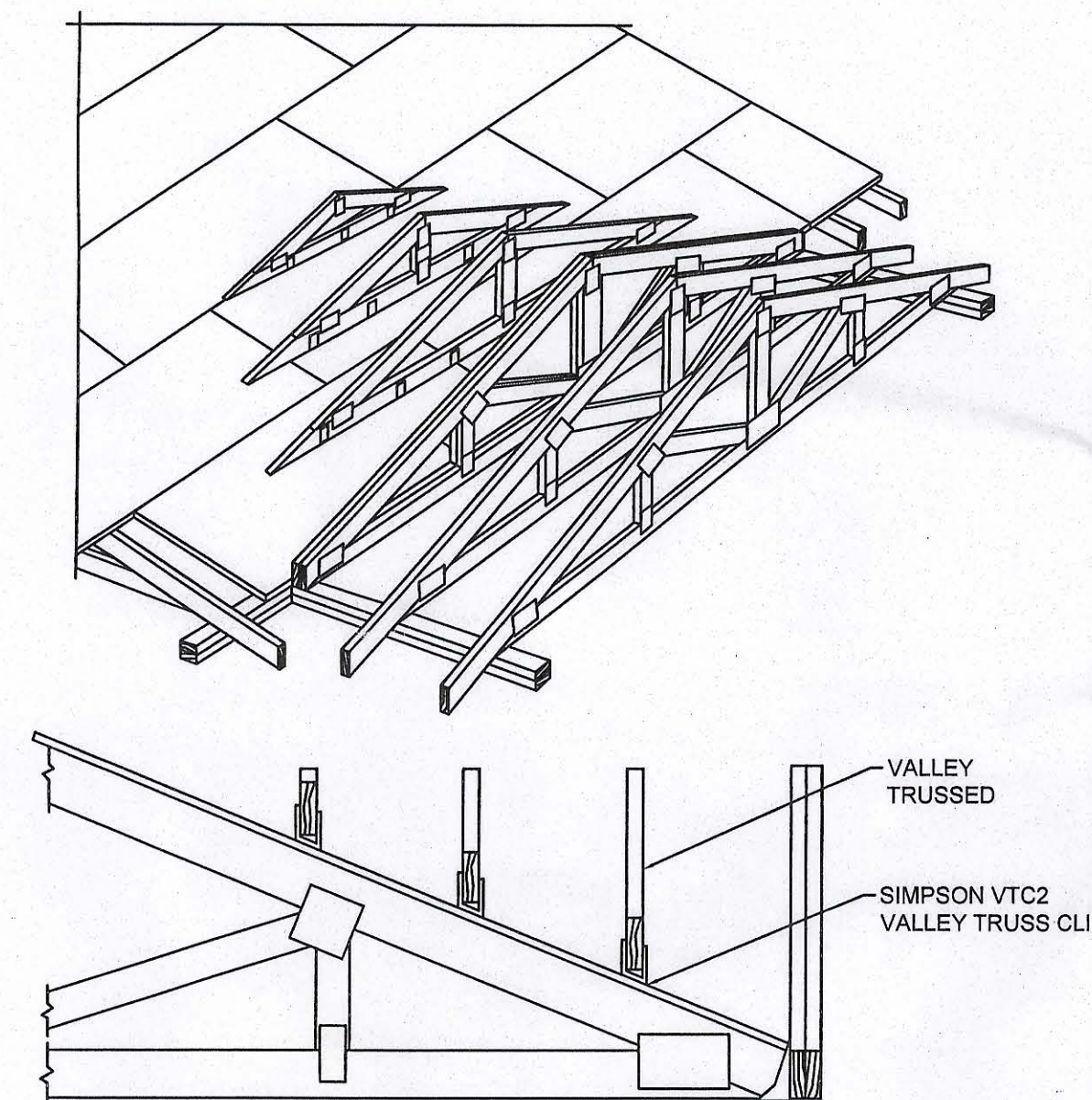


NOTES:

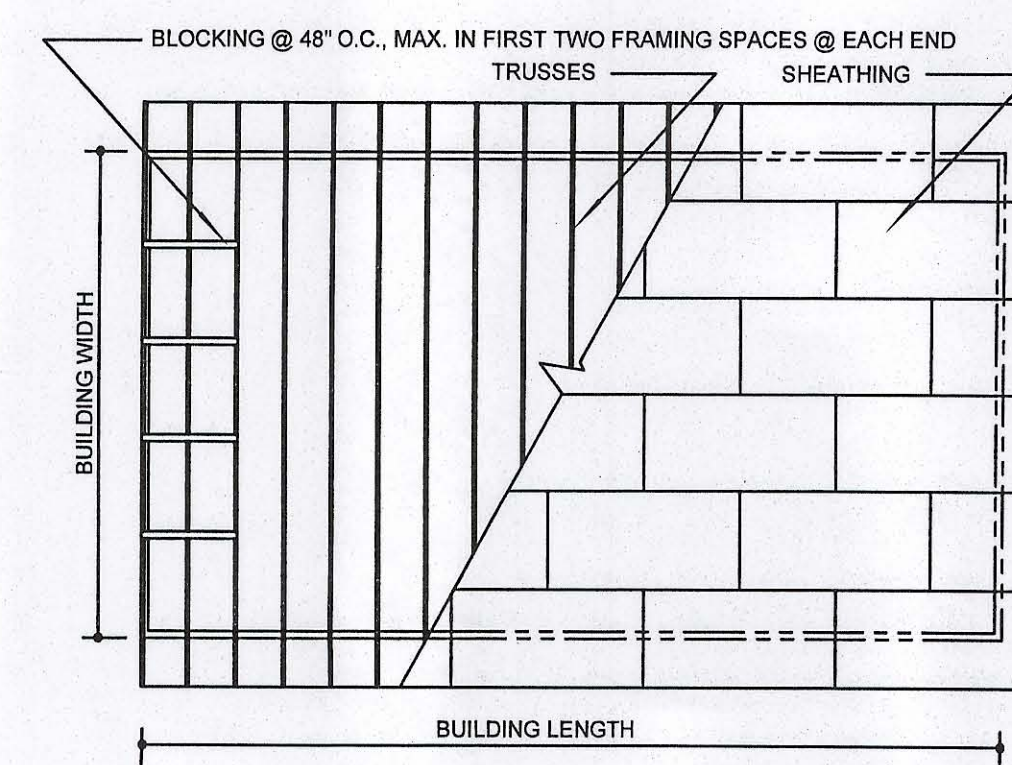
- 1) ACTUAL BRACING REQUIREMENTS WILL VARY DUE TO WIND LOAD, CODE CRITERIA, BUILDING HEIGHT, TRUSS SPAN, WEB LUMBER GRADE/SPECIES/ON CENTER SPACING AND OTHER VARIABLES. BRACING (AND ATTACHMENT) REQUIREMENTS SHOULD BE DESIGNED FOR EACH SPECIFIC JOB.
- 2) CONNECTION BETWEEN BOTTOM CHORD OF GABLE END TRUSS AND WALL, AS WELL AS THE DESIGN AND SPECIFICATION OF TEMPORARY AND PERMANENT BRACING OF THE ROOF SYSTEM IS THE RESPONSIBILITY OF THE BUILDING DESIGNER.



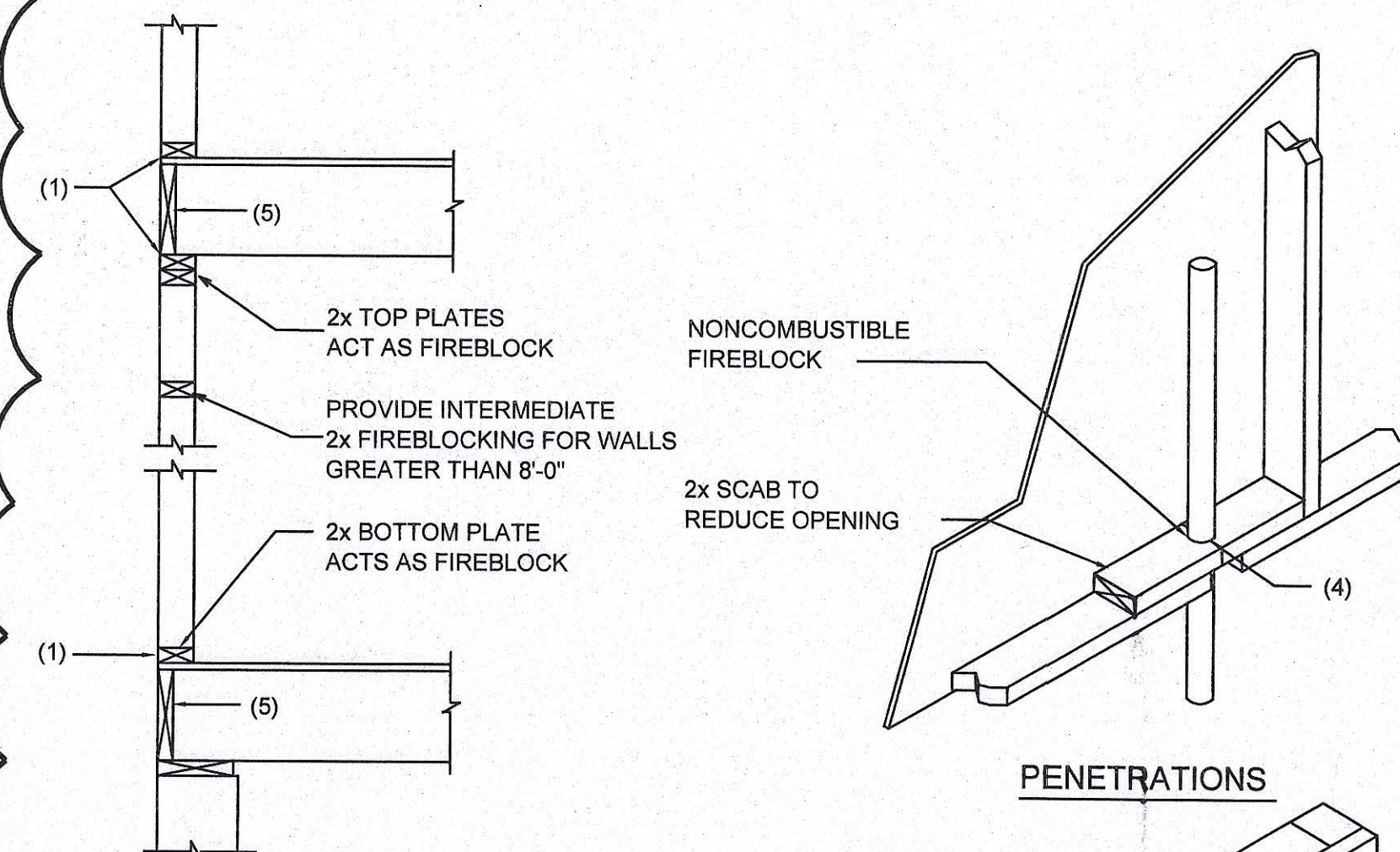
ROOFING & SHEATHING CONNECTIONS TO TRUSSES



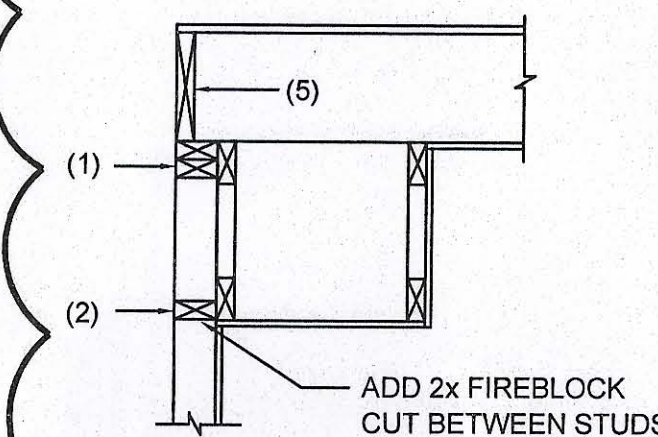
VALLEY TRUSS DETAIL
NTS



ROOF SHEATHING LAYOUT AND ENDWALL ROOF BRACING



PLATFORM FRAMING

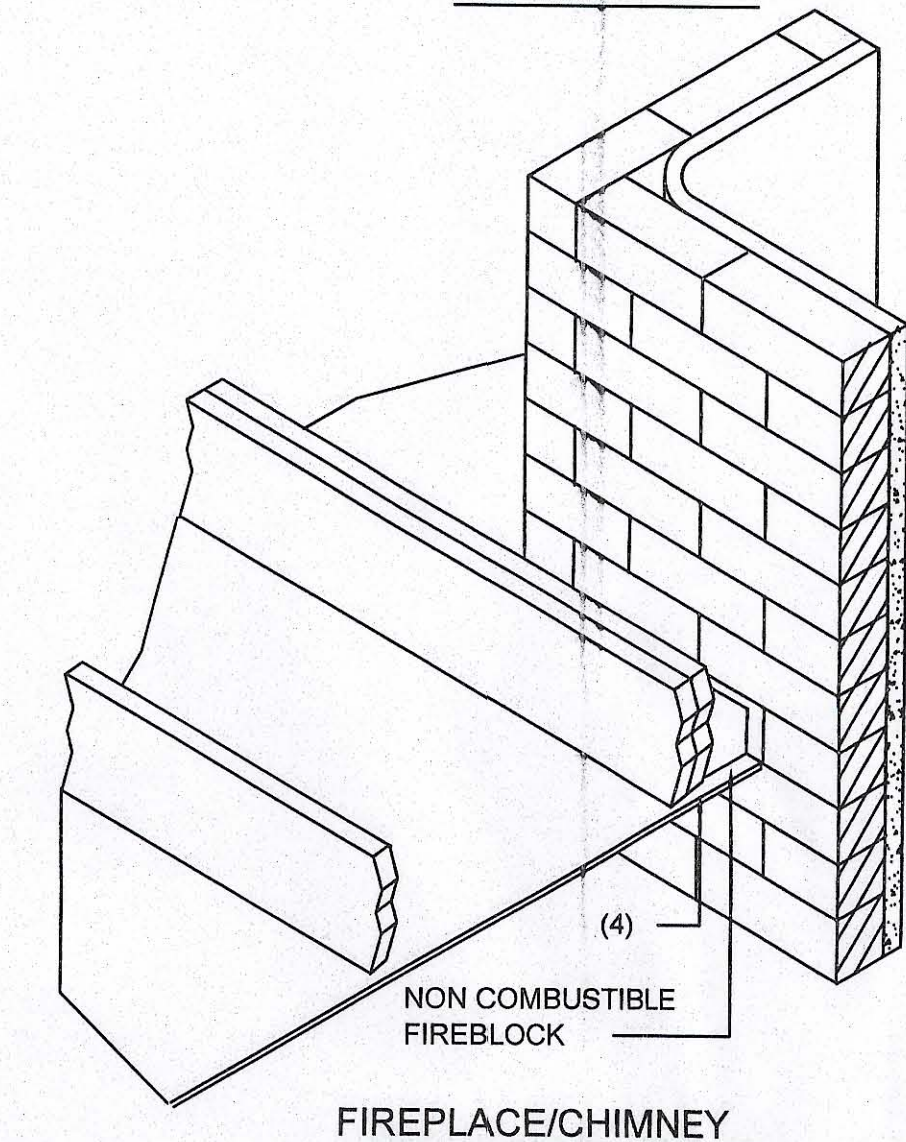


SOFFIT/DROPPED CLG.

NONCOMBUSTIBLE FIREBLOCK

2x SCAB TO REDUCE OPENING

PENETRATIONS



FIREPLACE/CHIMNEY

NOTE: SHEATHING ON FIRE RATED ASSEMBLIES SHALL BE 2 LAYERS OF 5/8" GWB TYPE "X" OR FIRECODE "C"

Fire Stopping DETAILS

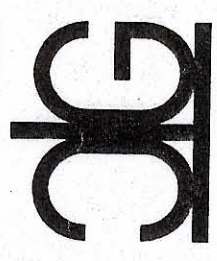
SCALE: NONE

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYRO PANEL MULTIFLEX SEALANT"
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

P.O. Box 187
130 West Howard Street
Live Oak FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Auth. # 9461



EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY, FLORIDA

ROOF DETAILS

PROJECT NUMBER
PF05-024
DRAWN BY
D. PRICE
CHECKED BY
GG
SHEET NUMBER

S-2

Cal
10/5/07

DESIGN CRITERIA

DESIGN PER 2001 FLORIDA BUILDING CODE, (W/ 2002 & 2003 REVISIONS)
UNLESS OTHERWISE NOTED.

LIVE LOADS:

ROOFS AND CANOPIES:	0 TO 200 SF	16PSF
	201 TO 600 SF	14PSF
	OVER 600 SF	12PSF
STAIRS		100PSF
FLOORS		50PSF
CORRIDORS		80PSF
LOBBIES		80PSF
BALCONIES		60PSF
PARTITION LOAD (DEAD LOAD)		20PSF

WIND LOADS:

BASIC WIND SPEED: (ASCE 7)	110 MPH
MEAN ROOF HEIGHT	21 FT
WIND IMPORTANCE FACTOR (CATEGORY II)	1.0
WIND EXPOSURE	B
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	.018
DIRECTIONALITY FACTOR (Kd)	0.85
SHAPE FACTORS	PER CODE

THIS BUILDING IS NOT LOCATED IN THE WIND BORNE DEBRIS REGION. IMPACT RESISTANT GLAZING IS NOT REQUIRED.

DESIGN WIND PRESSURES FOR COMPONENTS & CLADDING:

WALLS & WALL OPENINGS		
TRIBUTARY AREA	INTERIOR ZONE (> 6.3 ft FROM BLDG. CORNER)	END ZONE (< 6.3 ft FROM BLDG. CORNER)
10 sf	-23.61 / 21.7	-29.2 / 21.77
25 sf	-22.31 / 20.5	-26.55 / 20.5
(LINEARLY INTERPOLATE BETWEEN STATED VALUES)		

ROOFS & ROOF OPENINGS

TRIBUTARY AREA	INTERIOR ZONE (> 6.3 ft FROM BLDG. CORNER)	END ZONE (< 6.3 ft FROM BLDG. CORNER)
10 sf	-21.77/19.92	-25.46 / 19.92
25 sf	-20.30 / 19.19	-23.99 / 19.19
(LINEARLY INTERPOLATE BETWEEN STATED VALUES)		

CONCRETE (DESIGN PER CURRENT EDITION ACI 318)

SLAB ON GRADE	F'C= 4000 PSI
FOOTINGS	F'C= 3000 PSI
ALL OTHER CONCRETE	F'C= 3000 PSI

ALL REINFORCING STEEL ASTM A615 GRADE 60

ALL WELDED WIRE FABRIC ASTM A185

CONCRETE MASONRY (DESIGN PER CURRENT EDITION ACI 530)

COMPRESSIVE STRENGTH	Fm= 1500 PSI
----------------------	--------------

STRUCTURAL STEEL (DESIGN PER CURRENT EDITION AISC), UNLESS OTHERWISE NOTED MATERIALS SHALL BE AS FOLLOWS:

W-SHAPES	ASTM 992, Fy=50 KSI
OTHER SHAPES & PLATES	ASTM A36, Fy=36 KSI
HSS SQUARE & RECTANGULAR SHAPES	ASTM A500 GRADE B, Fy= 48 KSI
HSS ROUND SHAPES	ASTM A500 GRADE B, Fy= 42 KSI
STEEL PIPES	ASTM A53 GRADE B, Fy= 35 KSI
WELDING ELECTRODES	AWS A5.1 OR A5.5 SERIES E70
HIGH-STRENGTH BOLTS	3/4"Ø ASTM A325
ANCHOR RODS	GRADE 36 ASTM F1554
WELDED STUDS	ASTM A108
DEFORMED BARS	ASTM A496
PAINT & PROTECTION	SSPC PAINT 25

SOIL BEARING (DESIGN MAXIMUM)

	1000PSF
--	---------

GENERAL NOTES

CONCRETE

UNLESS OTHERWISE NOTED ON THE DRAWINGS, MINIMUM COVER FOR REINFORCING SHALL BE AS FOLLOWS:

FOOTINGS	3"
PILE CAPS	SEE TYPICAL DETAIL
GRADE BEAMS	3"
COLUMNS AND PEDESTALS (OVER VERTICAL REINF.)	2"
SLABS AND WALLS (EXPOSED TO EARTH, LIQUID OR WEATHER)	2"
SLABS AND WALLS (NOT EXPOSED TO EARTH, LIQUID OR WEATHER)	3/4"
CANOPY SLABS	1 1/2"
BEAMS (OVER MAIN REINFORCING)	1 1/2"
SLABS ON GRADE	2" FROM TOP

ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING THE PLACEMENT OF CONCRETE.

UNLESS OTHERWISE NOTED, SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE AS FOLLOWS:

WELDED WIRE FABRIC	WIRE SPACING PLUS 6"
REINFORCING BARS	40 BAR DIAMETERS

ALL HOOKS IN REINFORCING BARS SHALL BE AN ACI STANDARD HOOK, UNLESS OTHERWISE NOTED.

FOUNDATIONS

IF FOOTING EVALUATIONS SHOWN OCCUR IN A DISTURBED, UNSTABLE, OR UNSUITABLE SOIL, THE ENGINEER SHALL BE NOTIFIED.

STEPS IN WALL FOOTINGS SHALL NOT EXCEED A SLOPE OF (1) VERTICAL TO TWO (2) HORIZONTAL

PROVIDE A MINIMUM OF TWO #4 BARS IN TOP OF CONTINUOUS WALL FOOTINGS AT DOOR AND OTHER OPENINGS, 4'-0" LONGER THAN THE OPENING.

TRUSS FASTENER SCHEDULE

LOCATION	UPLIFT	FASTENER (1)	TRUSS	PLATE
ROOF TRUSS	<415#	1-H2.5	5-8d	5-8d
	<905#	1-H10	8-8d x 1 1/2	8-8d x 1 1/2
	<1200#	2-H2.5A	10-8d	10-8d
	<1470	1-H16	10-10dx 1 1/2	10-10d x 1 1/2

NOTES:
1) ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE, UON. OTHER MANUFACTURERS MAY BE SUBSTITUTED. SCREW SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG. ROOF TRUSS CLIPS SHALL BE SELECTED TO PROVIDE THE UPLIFT RESISTANCE SHOWN ON THE ROOF TRUSS SHOP DRAWINGS.
2) TRUSS ENGINEER MAY PROVIDE ALTERNATE CONNECTIONS.

SUPPLEMENTARY NOTES

PROVIDE ALL TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. THE STRUCTURE SHOULD NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED.

VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.

ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.

EMBEDMENT FOR EXPANSION BOLTS SHALL BE 3 1/2"Ø MINIMUM FOR 3/4" BOLTS IN CONCRETE, 5 1/2" IN GROUTED MASONRY. HILTI KWIK BOLT II OR EQUAL.

EPOXY GROUT SHALL BE POWER FAST CARTRIDGE SYSTEM BY RAWL, HY150 CARTRIDGE SYSTEM BY HILTI (HILTI RES90, IF HOLE IS CORED INSTEAD OF DRILLED) OR APPROVED EQUAL, UON. EMBEDMENT SHALL BE 12 BAR DIAMETERS MINIMUM, UON. HOLES SHALL BE 1/2" LARGER THAN REBAR SIZE, AND 1/2" LARGER THAN THREADED ROD SIZE. HOLE SHALL BE BRUSHED OUT WITH BOTTLE BRUSH AND THEN BLOWN OUT WITH AIR USING A COMPRESSOR WITH A FUNCTIONAL OIL TRAP. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS.

ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER IN THE STATE OF THE PROJECT.

GENERAL CONTRACTOR MUST REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT / ENGINEER. SUBMITTALS WHICH DO NOT CONTAIN THE CONTRACTOR'S SHOP DRAWING STAMP OR HAVE BEEN MERELY "RUBBER STAMPED" SHALL BE RETURNED WITHOUT REVIEW.

CHANGES TO THE CONTRACT DOCUMENTS SHALL BE CLOUDED ON SHOP DRAWINGS OR REQUESTED IN WRITING. THE CONTRACTOR IS LIABLE FOR ANY DEVIATIONS UNLESS REVIEWED AND ACKNOWLEDGED BY THE ENGINEER. SHOP DRAWING SUBMITTALS SHALL ONLY BE CHECKED FOR CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS.

SPECIFICATIONS

CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301. "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (LATEST EDITION), EXCEPT AS MODIFIED BY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS", AISC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", AND AWS D1.1 "STRUCTURAL WELDING CODE", EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

A GEOTECHNICAL TESTING AND INSPECTION FIRM SHALL BE EMPLOYED TO PERFORM A SOIL SURVEY FOR SATISFACTORY ACIL MATERIALS, SAMPLING AND TESTING FOR QUALITY CONTROL AS PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT FOR THIS PROJECT. ALL EARTHWORK OPERATIONS SHALL BE PERFORMED TO THE SATISFACTION OF THE GEOTECHNICAL TESTING FIRM.

PRODUCT APPROVAL SPECIFICATION TABLE

CATEGORY / SUBCATEGORY	MANUFACTURER	PROJECT DESCRIPTION	APPROVAL NUMBERS
EXTERIOR DOORS	SWINGING ROLL UP	MASONITE INTERNATIONAL METAL EDGE STEEL DOOR UNITS	19.1
WINDOWS	SINGLE HUNG	BETTERBILT FIN FRAME 52x72 MODEL 740/3740	663.13
ROOFING PRODUCTS	ASPHALT SHINGLES UDERLAYMENTS	TAMKO GLAS-SEAL AR - 3 TAB MASTER SMOOTH -ASPHALT UNDERLAYMENT	1956.1 1481.1
STRUCTURAL COMPONENTS	WOOD CONNECTORS	SIMPSON STRONG-TIE	
			CS16 1901.4
			SPH6 538.35
			MSTC40 1901.64
			H10 474.109
			MSTCM40 1901.70
			LSSU410 474.248
			H6 474.119
			CC46 1218.13
			LSTA36 1901.36
			IUT14 474.216
			AB66 474.10
			1999
TRUSS PLATES	ALPINE	METAL CONNECTOR PLATE	

CONNECTION LISTING

MANUFACTURER	MODEL #	FASTENER COUNT	ALLOWABLE LOAD
SIMPSON STRONG TIE CO.	CS16	(26) 8d	1705
SIMPSON STRONG TIE CO.	SPH6	(10) 10d x 1 1/2	1240
SIMPSON STRONG TIE CO.	MTSC40	(52) 16d SINKERS	4335
SIMPSON STRONG TIE CO.	H10	(8) 8d x 1 1/2	905
SIMPSON STRONG TIE CO.	MSTCM40	(14) 16d SINKERS	2335
SIMPSON STRONG TIE CO.	LSSU410	FACE=(18) 16d JOIST=(12) 10D x 1 1/2	1150
SIMPSON STRONG TIE CO.	H6	(8) 8d	915
SIMPSON STRONG TIE CO.	CC46	BEAM=(4) 3/8" POST=(2)3/8"	2330
SIMPSON STRONG TIE CO.	LSTA36	(24) 10d	1640
SIMPSON STRONG TIE CO.	IUT14	(14) 10d x 1 1/2	245
SIMPSON STRONG TIE CO.	AB66	N/A	5335
SIMPSON STRONG TIE CO.	U26	HEADER=(6) 10d & (6) 16d JOIST=(4) 10d x 1 1/2	415
SIMPSON STRONG TIE CO.	ITT14	(6) 10d	1215
SIMPSON STRONG TIE CO.	U210	HEADER=(12) 16d JOIST=(6) 10d x 1 1/2	720

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSEPCITION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
- BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RET- ARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4

- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPART- MENT BY # LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

EMMA HAVIARAS
NEW RESIDENCE
COLUMBIA COUNTY, FLORIDA

GENERAL NOTES

PROJECT NUMBER	PF05-024
DRAWN BY	D. PRICE
CHECKED BY	GG
SHEET NUMBER	

S-3