

CASE SEALED



A Custom Log Home for:
Scott Case
Columbia County, Florida

FLORIDA BUILDING CODE SECTION R301
COMPLIANCE SUMMARY

PROJECT: CASE RESIDENCE, COLUMBIA COUNTY, FLORIDA

TYPE OF CONSTRUCTION
ROOF: Gable Construction, Heavy Timber @ 48" o.c.
WALLS: nominal 6X8 Cypress Logs
FOUNDATION: Continuous Concrete Footer w/ a Stem Wall
EDGE STRIP: 3.0 ft. END ZONE: 6.0 ft.

ROOF DECKING
MATERIAL: 5/8" CDX 24/16 Plywood
SHEET SIZE: 48"x96" Sheets Placed Perpendicular to Roof Framing
FASTENERS: 3d Ring-Shank Nails @ 6" O.C. Ends, 8" O.C. Interior

SHEAR WALLS
MATERIAL: nominal 6X8 Cypress Logs
FASTENERS: 3/8" X 10" Lag Screws @ Maximum 24" O.C. log courses
1 thru 6, 20" O.C. log courses 7 thru 11 and 16" O.C. log courses
12 thru top of wall - ea. w/ 1" washer
WALL STUDS: S-P-F Nr. 2 and better, 2x4/6 Studs @ 16" O.C.
DRAGSTRUT: Dbl. Plate w/ 16d nails @ 12" O.C.

HURRICANE UPLIFT CONNECTORS
TIMBER ANCHOR: 2 - 3/8" x 10" Lag Screws w/ 1" washers
WALL TENSION: 1/2" CDX plywd. w/ 8d Common Nails @ 4" O.C. Edges,
8" O.C. Interior for all exterior non-shear walls
HOLD-DOWN CONNECTORS: 1/2" Anchor Bolt, w/ 2" washer @ 24" o.c.
PORCH BEAM to POST: 2 - 3/8" x 10" L.S. w/ 1" washers
each end, each beam
PORCH POST to FND: "SIMPSON" ABUS8

FOOTINGS AND FOUNDATIONS
HOUSE FOOTINGS: 24" x 12" x Continuous w/ 3 - #5 Rebars
HOUSE WALLS: 8" CMU w/ #5 Rebar Dowels Gd. 40, @ 48" o.c.
CONCRETE: Fc = 3000 p.s.i. or greater

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION R301, FLORIDA BUILDING CODE, 2004 EDITION.			
BASIC WIND SPEED:	110 MPH		
WIND IMPORTANCE FACTOR (I):	1.00		
BUILDING CATEGORY:	CATEGORY II		
WIND EXPOSURE:	"B"		
HGT/EXP ADJ. COEFFICIENT	35/C: 15		
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18		
MUFRS PER TABLE R301(3) (FBC 2004) WITH 2006 REVISIONS:	ROOF: - 21.4 PSF WALLS: - 22.8 PSF EAVES: - 38.4 PSF	X 150 = - 41.0 PSF X 150 = - 34.2 PSF X 150 = - 57.6 PSF	
COMPONENTS & CLADDING PER TABLE R301(2) (FBC 2004) W/ 2006 REVISIONS:	OPENING: + 25.9 / - 34.1 PSF EAVES: + 31.2 PSF ROOF: + 23.1 / - 30.3 PSF	X 150 = + 38.25 / - 51.05 PSF X 150 = + 46.8 PSF X 150 = + 35.55 / - 45.45 PSF	

Drawing Index

C0	COVER SHEET, DRAWING INDEX
A1	ELEVATIONS
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A3	2ND FLOOR PLAN & DIMENSION PLAN W/ NOTES
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A7	BUILDING SECTION
A8	NOTES

SUWANNEE RIVER LOG HOMES, INC.
Manufacturers
Specializing in Cypress & Cedar Custom Homes
4345 HIGHWAY 90 WELLSBORO, FLORIDA 32094
352-363-1055/56-471 / 1800-567-LOGS/56-471

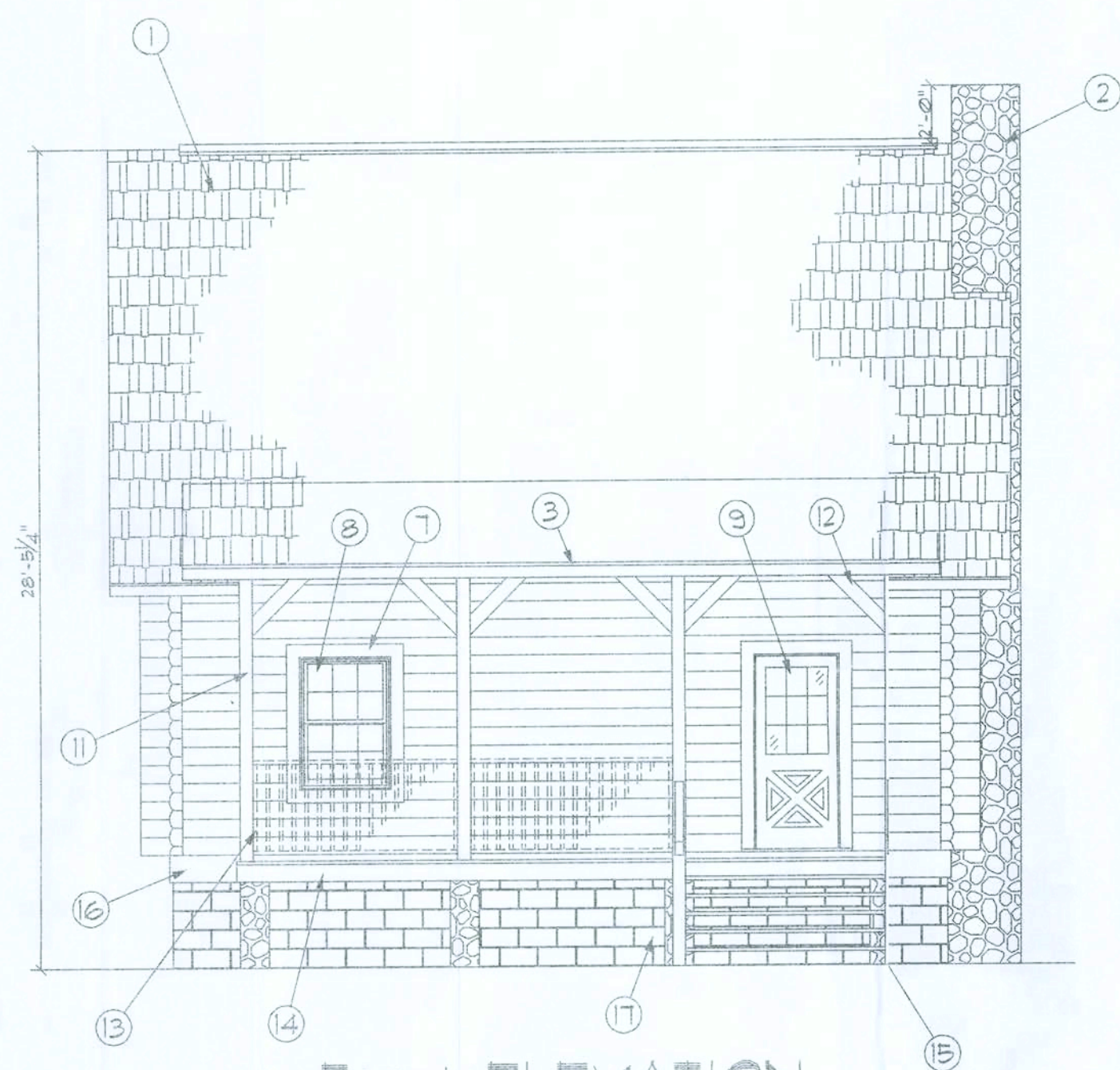
GJG
Gary J. Gill, P.E. #51942
P.O. Box 187
130 West Howard Street
Live Oak, FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Auth. #: 9461

A Custom Log Home For:
SCOTT CASE
COLUMBIA CO., FL

DATE:	DRAWN:	REVISION:	SHEET:
26-AUG-08	SH		C.S.
COMB:	REVIEWED:		
L0833	GJG		

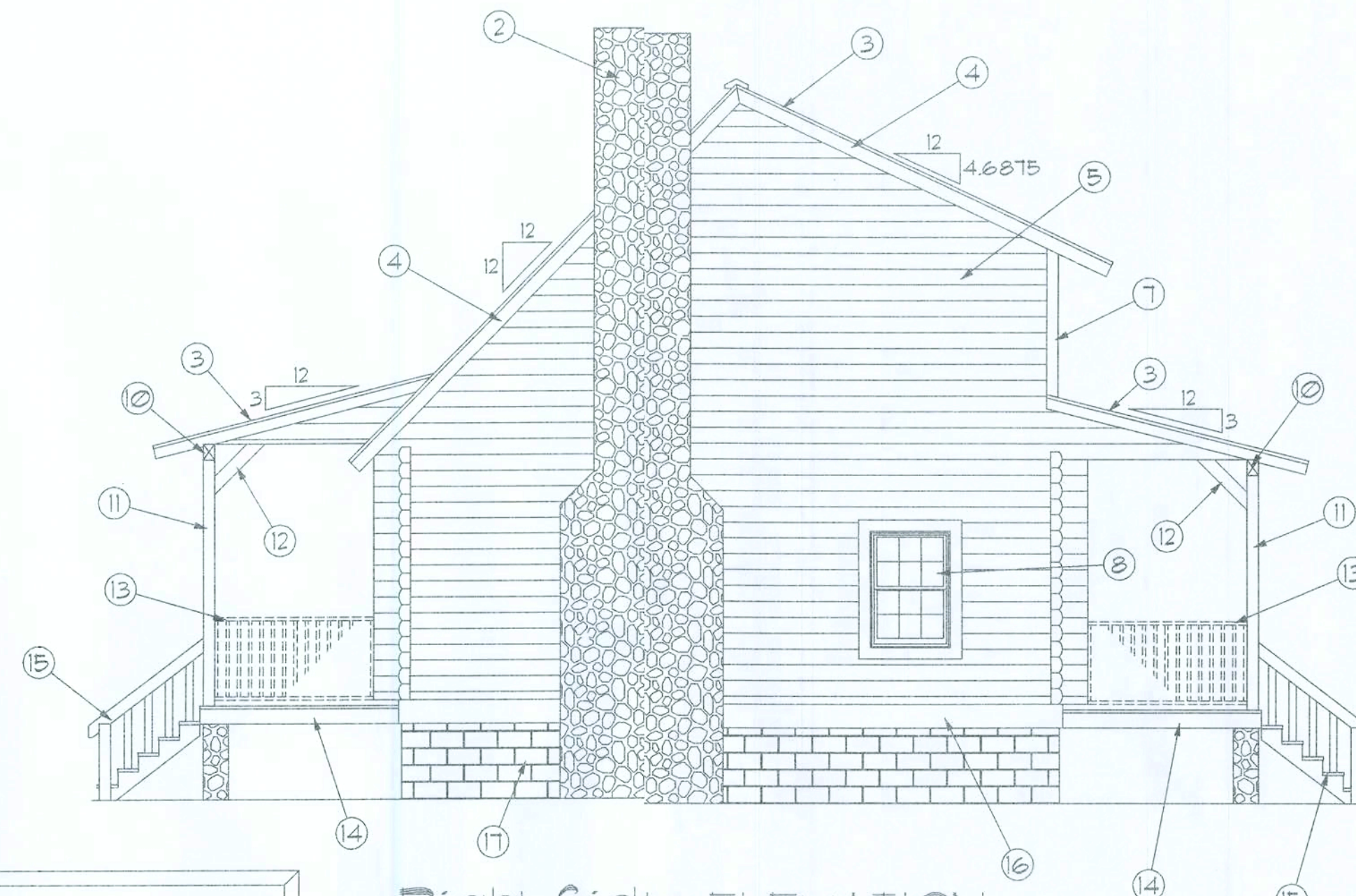


8/25/08



Front ELEVATION

SCALE: 3/16" = 1'-0"

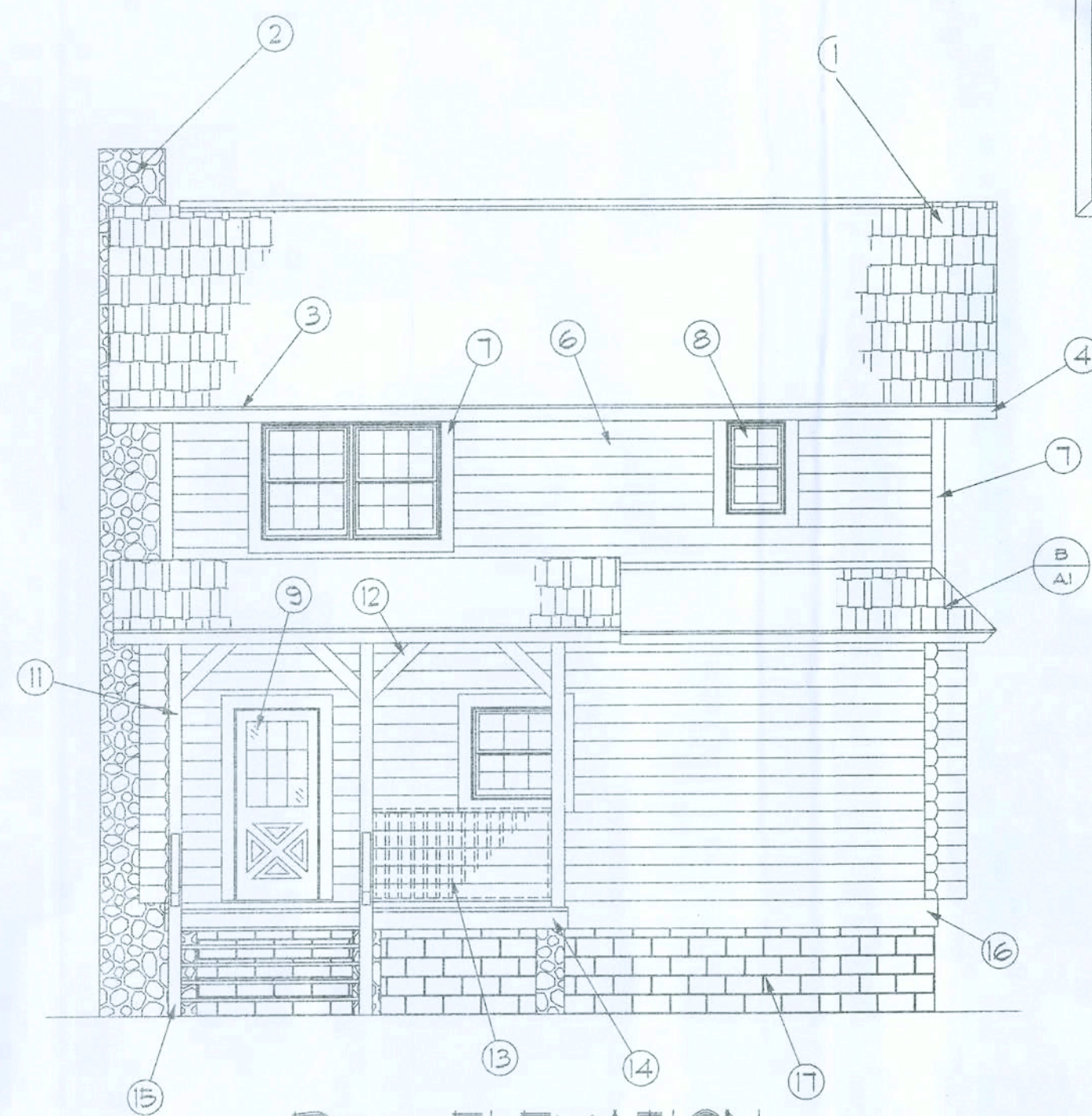


Right Side ELEVATION

SCALE: 3/16" = 1'-0"

GENERAL NOTES:

- ① FINISH ROOFING AS SELECTED BY OWNER
- ② PRE-FAB. FIREPLACE, FINISH AS DIRECTED BY OWNER.
- ③ CONT. METAL FLASHING
- ④ 3 TIERED CYP. TRIM REFER TO DETAIL D/A6 FOR SPECS.
- ⑤ FULL LOG GABLE ENDS
- ⑥ 1/3 LOG SIDING TO MATCH LOG WALLS
- ⑦ 1X6 CYPRESS TRIM AROUND ALL O/S CORNERS OF LOG SIDING, DOORS & WINDOWS
- ⑧ DBL. HUNG WOOD/CLAD WINDOWS W/ DBL. GLAZING
- ⑨ DBL. GLAZED X-BUCK DOORS
- ⑩ 6X8 CYPRESS PORCH BEAM
- ⑪ 6X6 CYPRESS PORCH POSTS
- ⑫ 4X6 CYP. DIAGONAL BRACES SEE DETAIL A/A1
- ⑬ 2X4 CYPRESS RAILING SEE A5 FOR DETAILS.
- ⑭ P.T. WOOD DECK
- ⑮ EXTERIOR STEPS BY OWNER
- ⑯ 1X12 CYPRESS TRIM BOARD
- ⑰ MASONRY FOUNDATION - REFER TO OWNER AS TO FINISH.



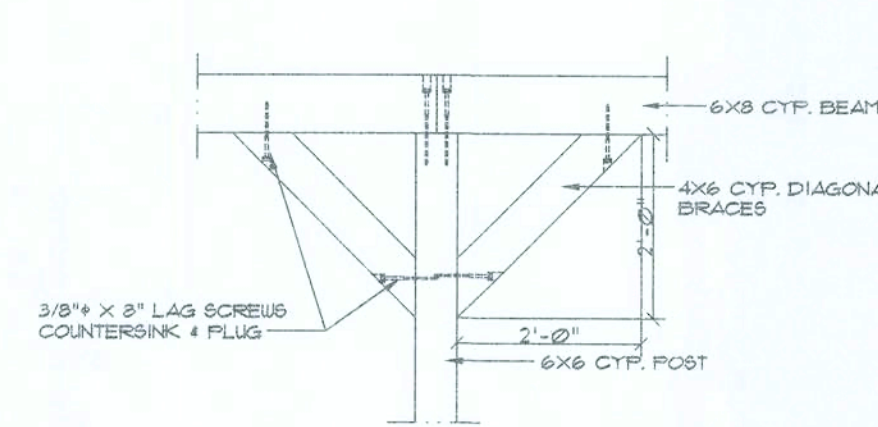
Rear ELEVATION

SCALE: 3/16" = 1'-0"



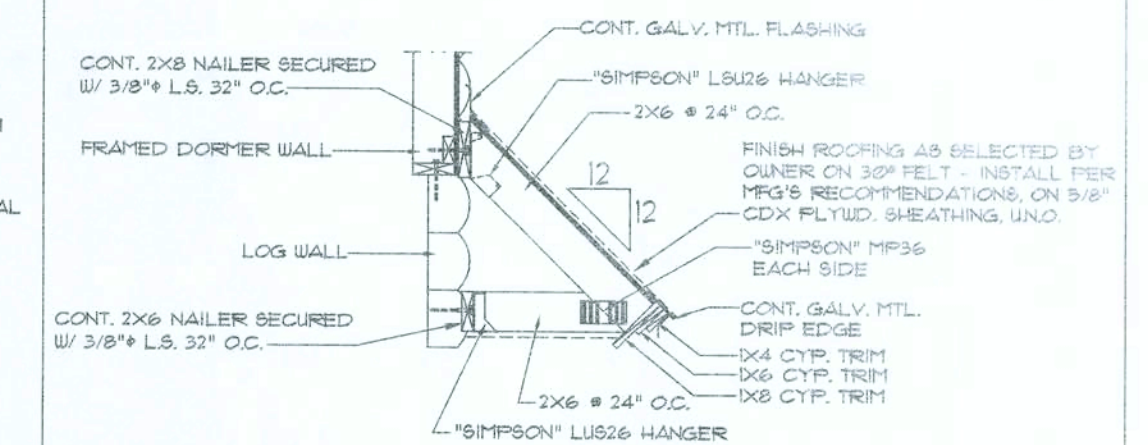
Left Side ELEVATION

SCALE: 3/16" = 1'-0"



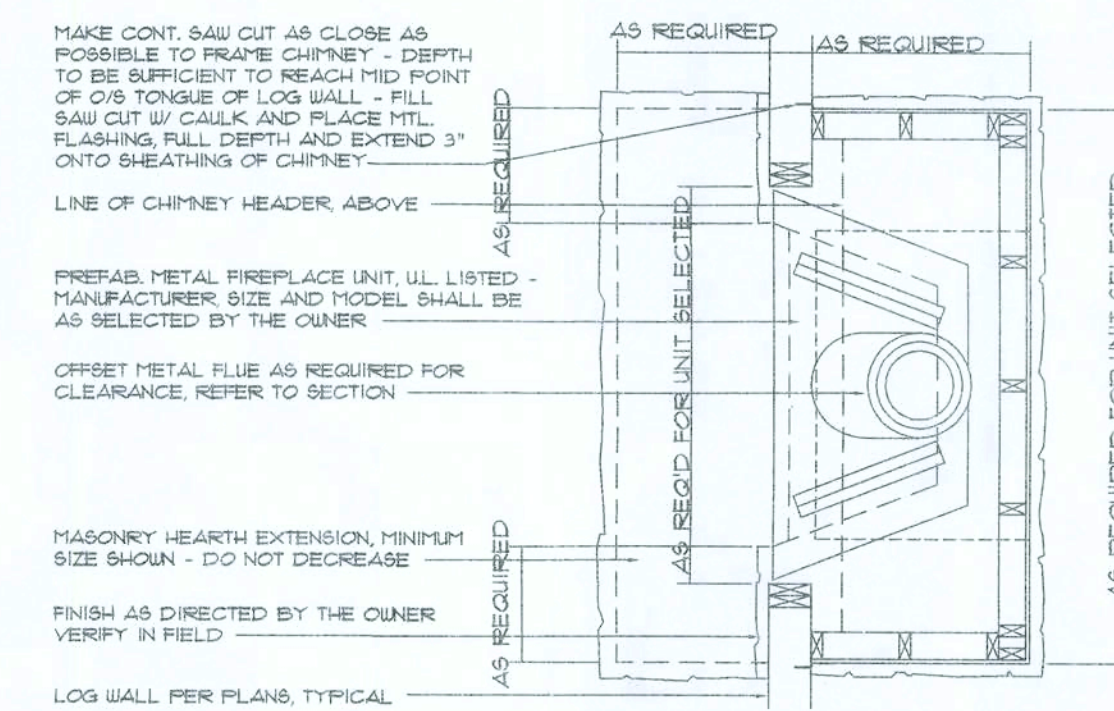
Diagonal Bracing DETAIL A

SCALE: N.T.S.



Roof Under Dormer DETAIL B

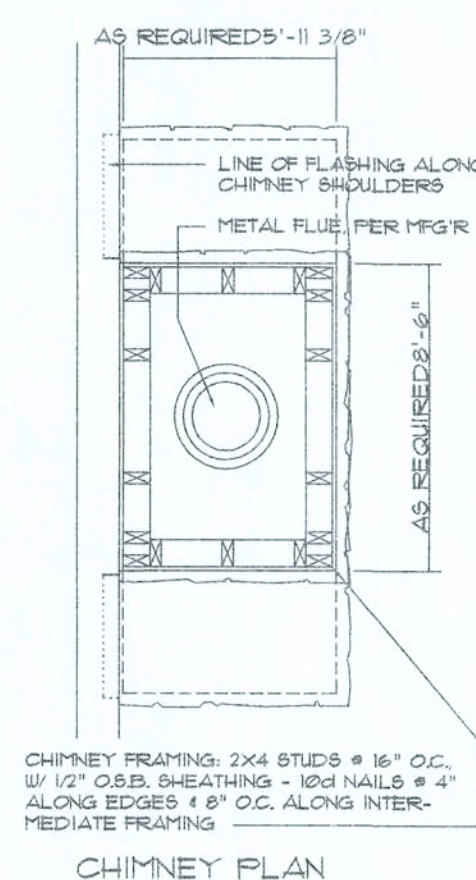
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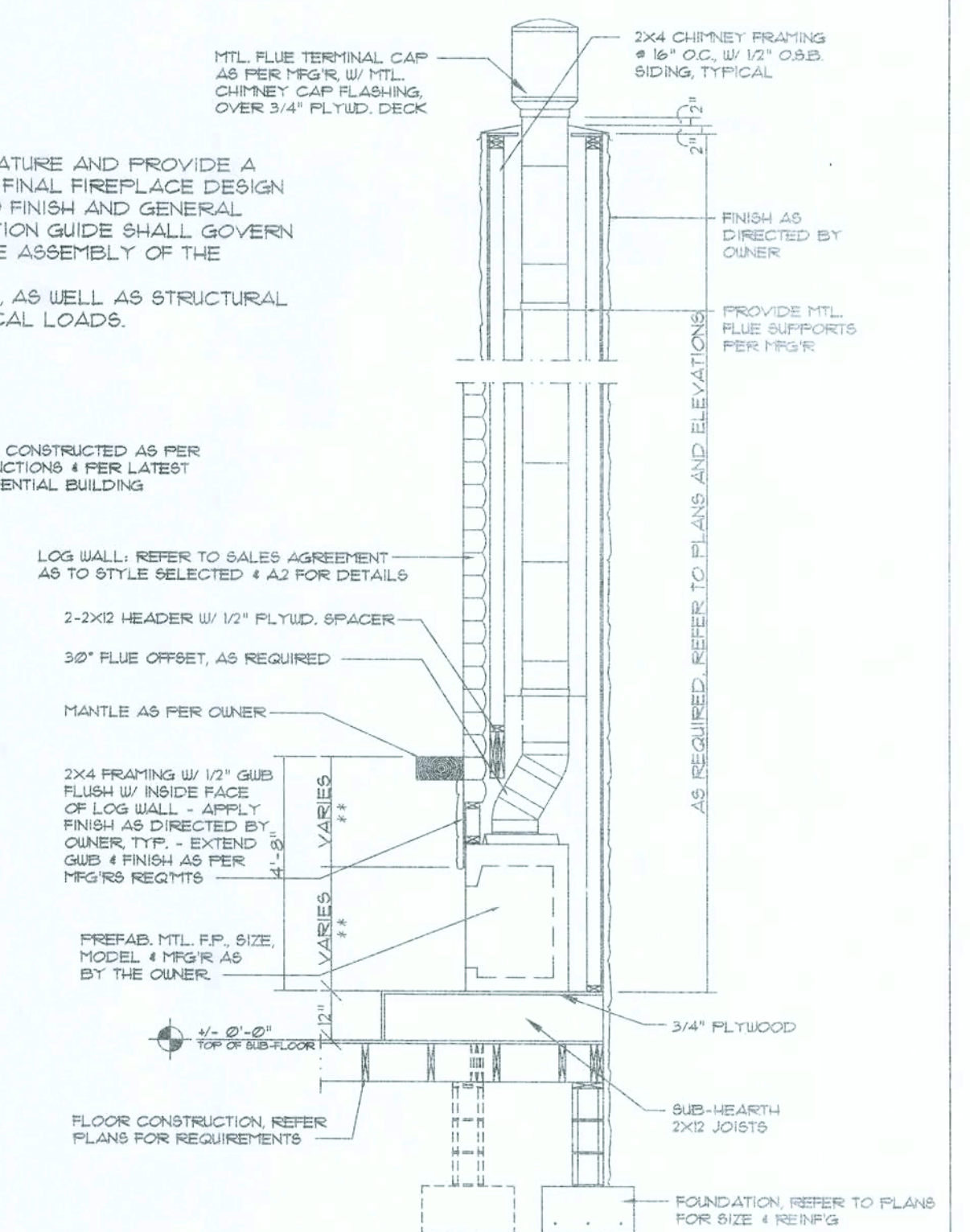
FIREBOX PLAN

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 MANUFACTURER'S INSTALLATION GUIDE SHALL GOVERN ALL INSTALLATION DETAILS, PERTAINING TO THE ASSEMBLY OF THE FIREPLACE COMPONENTS.
ALL LOCAL FIRE CODES SHALL BE OBSERVED, AS WELL AS STRUCTURAL CODES FOR APPLIED HORIZONTAL AND VERTICAL LOADS.

NOTE:
FIREPLACE SHALL BE CONSTRUCTED AS PER MANUFACTURER'S INSTRUCTIONS & PER LATEST INTERNATIONAL RESIDENTIAL BUILDING CODE.



CHIMNEY PLAN



Fireplace DETAILS C

SCALE: N.T.S.

* DIM. MAY VARY - SEE PLANS
** DIM. VARY - REFER TO MFG'S INSTALLATION GUIDE FOR FURTHER DETAILS FOR MODEL PURCHASED

F.P. INSERT SECTION
PREFAB. MTL. FIREPLACE W/ CONC. BASE

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4345 HIGHWAY 90, WELLSBORO, FLORIDA 33094
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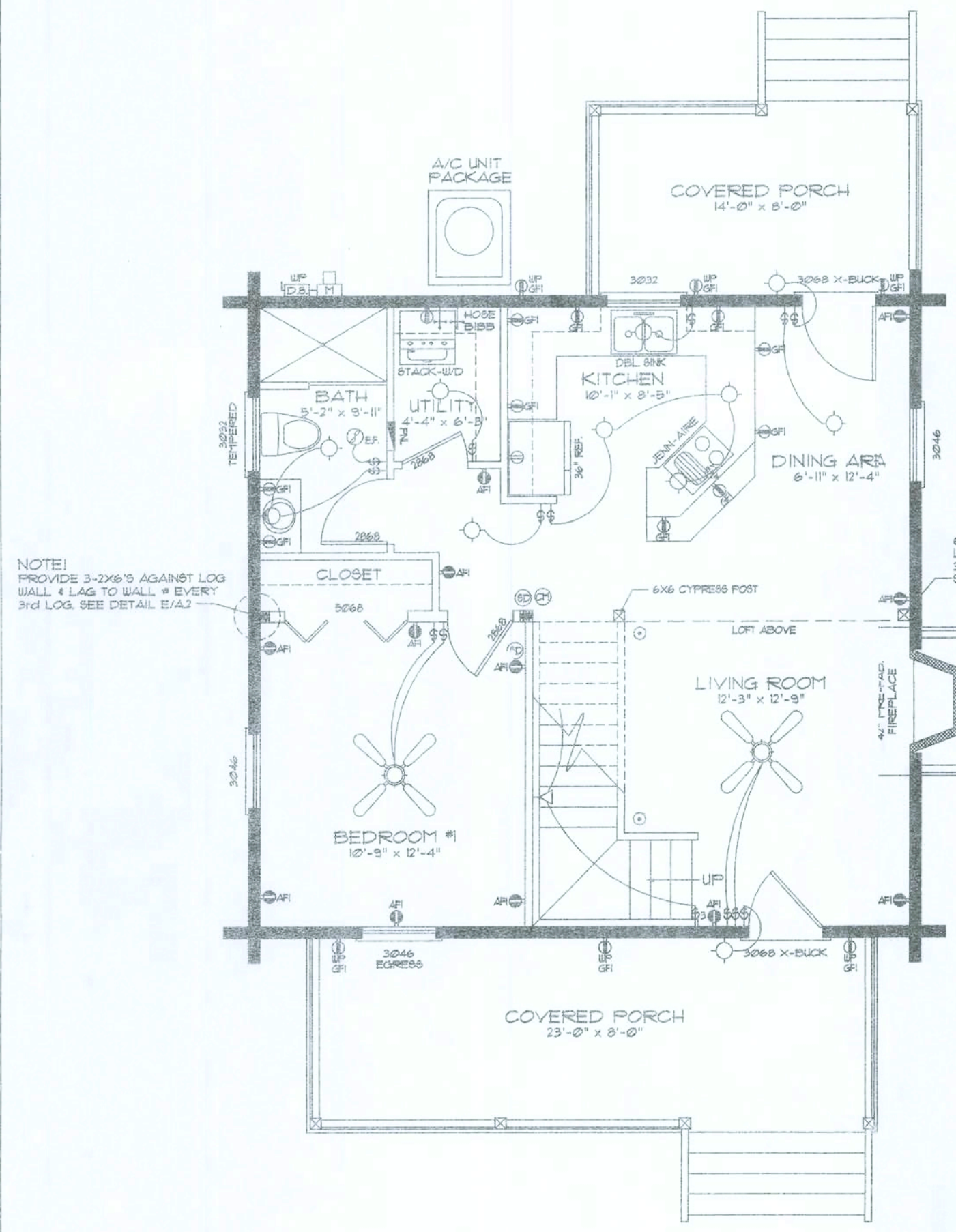
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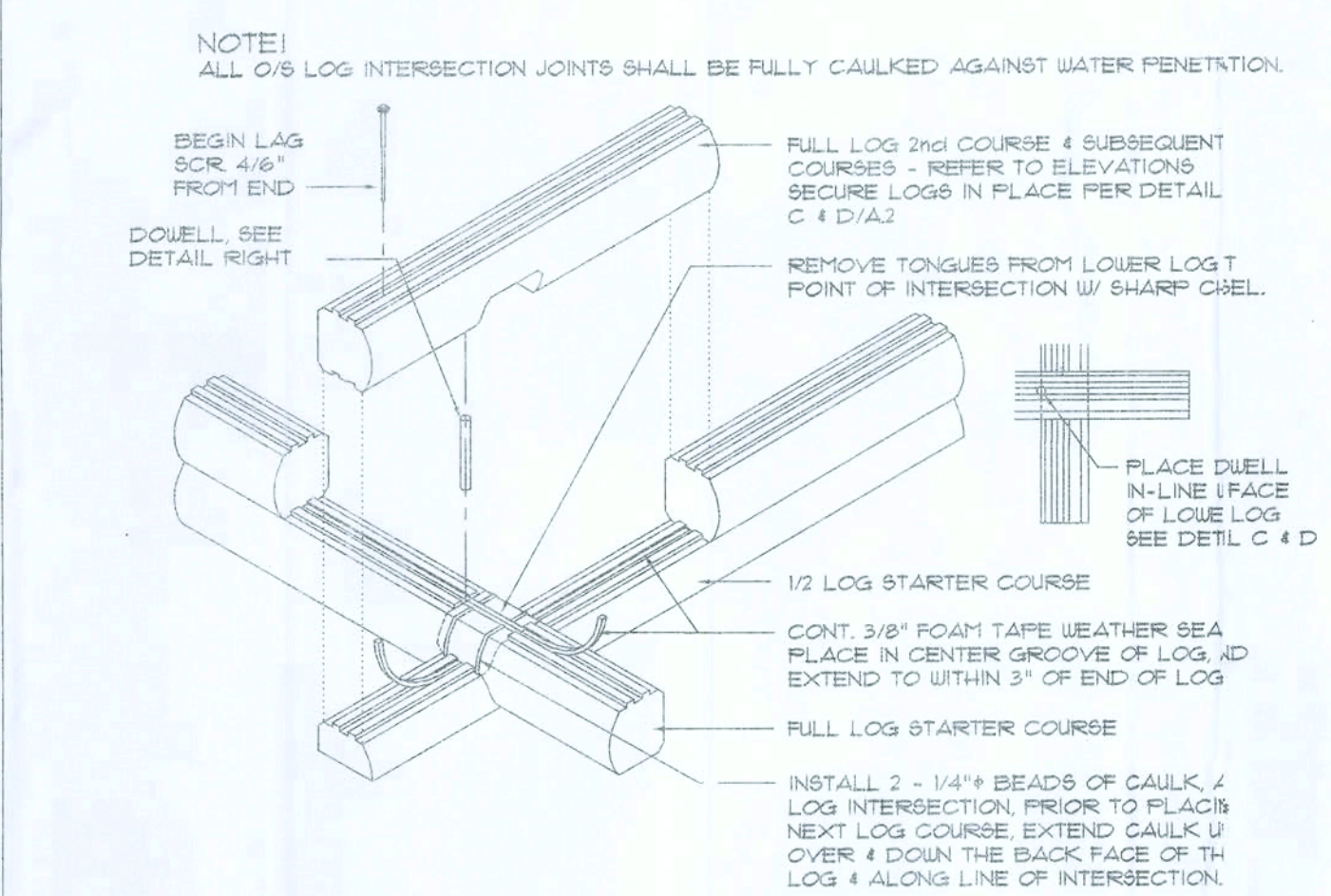
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DATE	DRAWN	REVISION	SHEET
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COMB	REVIEWED		1 OF 8
L0833	GUG		

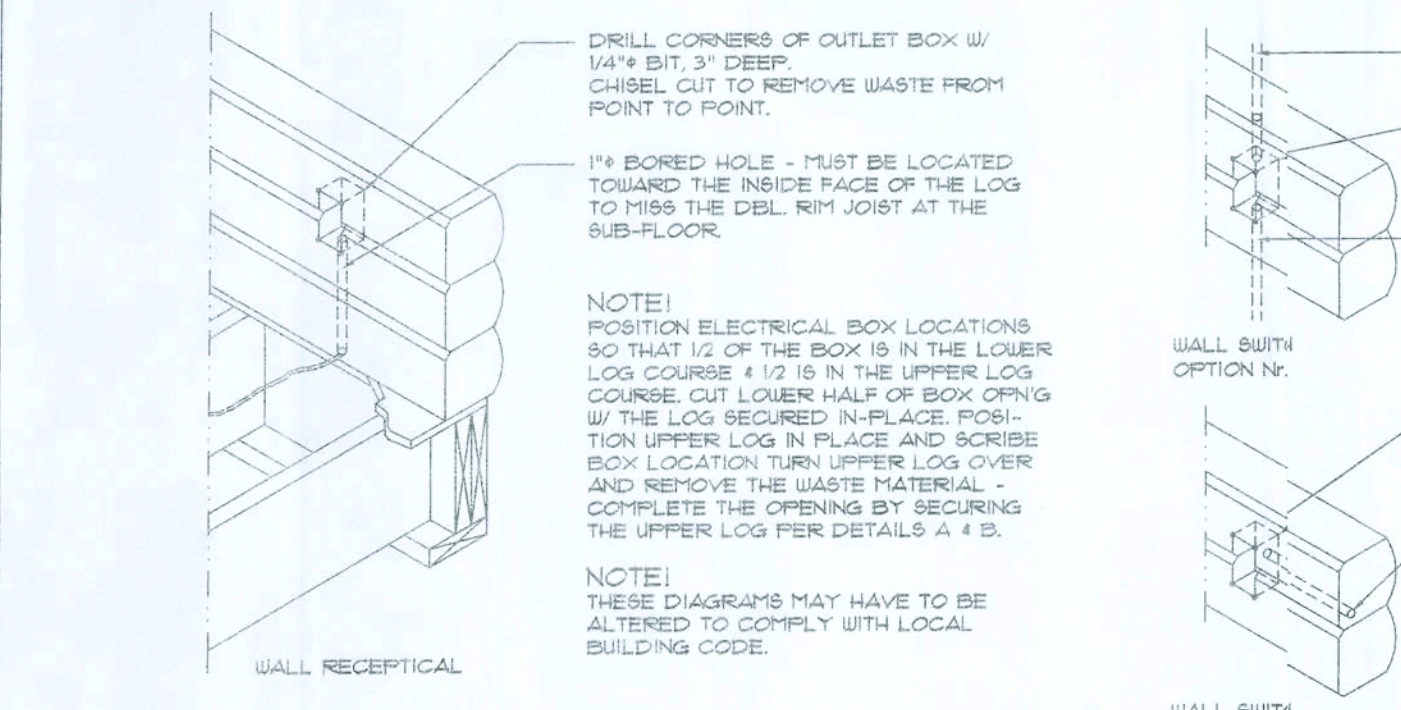
8/25/08



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



Saddle Notch Corner
SCALE: N.T.S.



Log Elec. Box Detail
SCALE: N.T.S.

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, ADDS TO THE ELEC. PLAN, RIBER DIAGRAM, AS-BUILT PANEL, SCHEDULE W/ ALL DTS IDENTIFIED W/ CKT N. DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS, ROUTING, DEPTH, RIBER DIA. SHALL INCLUDE WIRE SIZE/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.

CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE III
ALL RECEPTICALS SHALL BE ON AFCI PROTECTED CIRCUITS. EXCEPTIONS: COUNTER TOPS & DESIGNATED RECEPTICALS.

NOTE I
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 PLAN PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

NOTE I
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH W/ FACE OF FRAMING - TOP OF BACKING TO BE 2'-0" AFF.

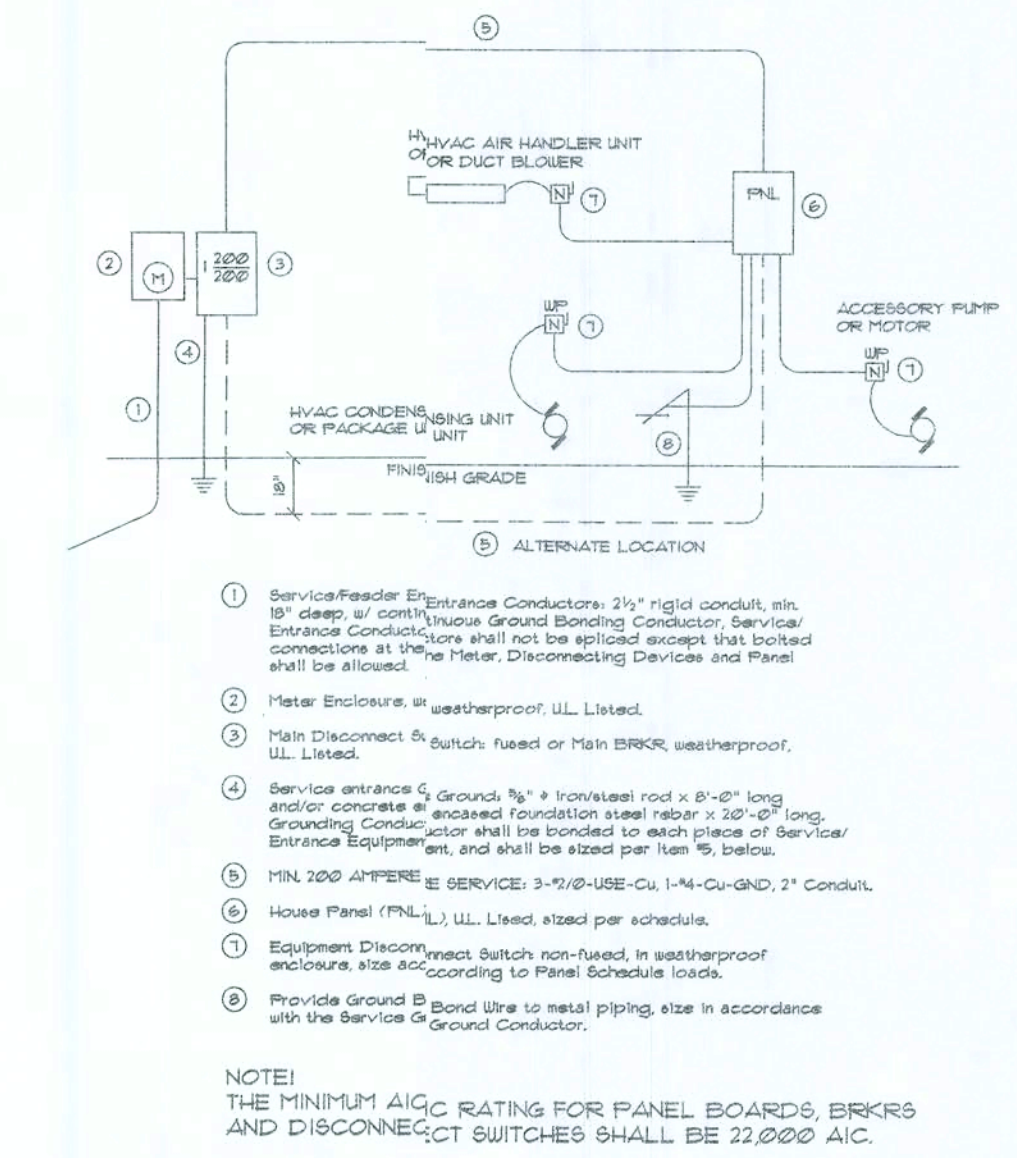
TEMPERED GLASS NOTES:

THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:

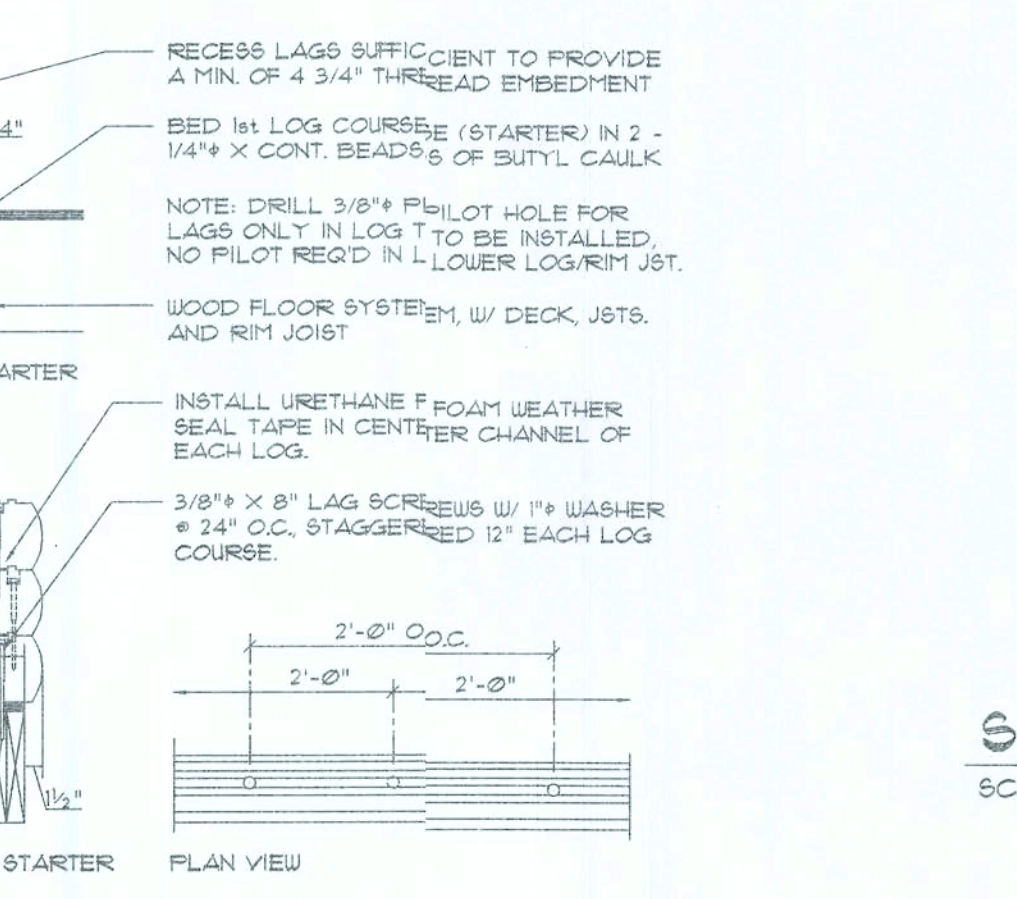
- GLAZING IN SWINGING DOORS & FIXED AND SLIDING PANELS OF SLIDING (PATIO) DOOR ASSEMBLIES.
- GLAZING IN DOORS AND WALLS OF ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERES AND OTHER SUCH FACILITIES WHERE SUCH GLAZING IS LOCATED 36 INCHES (914 MM) OR LESS, MEASURED HORIZONTALLY, FROM A STANDING OR WALKING SURFACE WITHIN THE ENCLOSURE AND WHERE THE BOTTOM EDGE OF THE EXPOSED GLAZING IS LESS THAN 60 INCHES (1524 MM) MEASURED VERTICALLY ABOVE SUCH STANDING OR WALKING SURFACES.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH (610 MM) RADIUS OF THE DOOR IN A CLOSED POSITION AND WHERE BOTTOM EDGE IS LESS THAN 60 INCHES (1524 MM) ABOVE THE FLOOR OR WALKING SURFACE.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 2 AND 3 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 - EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ FT (0.84 M²).
 - BOTTOM EDGE LESS THAN 18 INCHES (457 MM) ABOVE THE FLOOR.
 - TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR.
 - ONE OR MORE WALKING SURFACES WITHIN 36 INCHES (914 MM) HORIZONTALLY OF THE PLANE OF THE GLAZING.

AREA CALCULATION

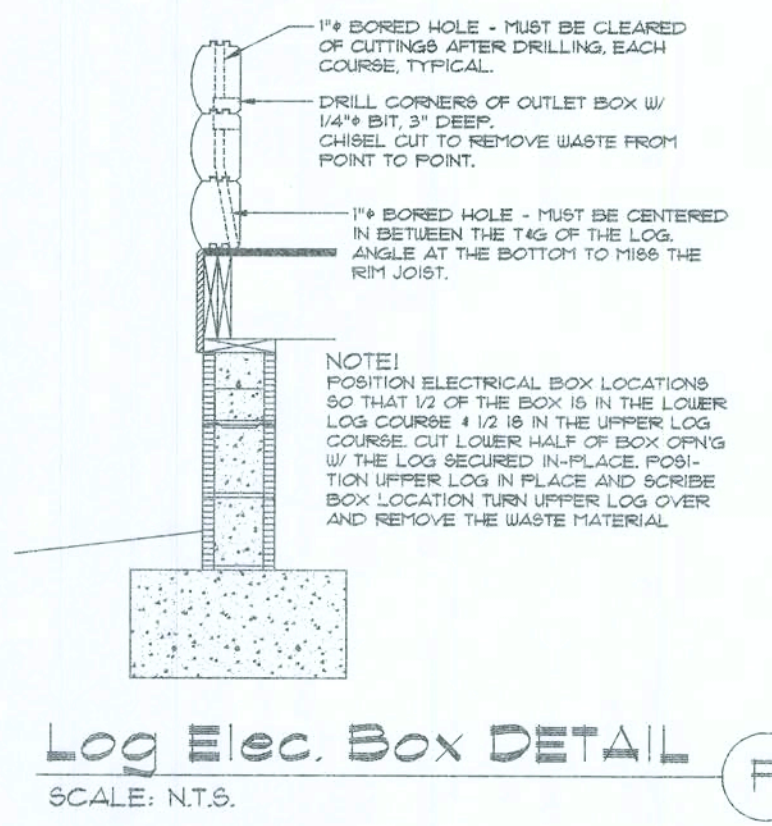
1ST FLOOR AREA:	128.00 SF
2ND FLOOR AREA:	518.00 SF
GROSS LIVING AREA:	1246.00 SF
COVERED PORCH AREA:	236.00 SF
TOTAL AREA:	1542.00 SF



Log Splice Detail
SCALE: N.T.S.



Framed Wall at Log Wall
Stud Wall to Log Wall Detail
SCALE: N.T.S.



Log Elec. Box Detail
SCALE: N.T.S.

WINDOW SCHEDULE

C.O.	R.O.	S.O.	DESCRIPTION	FASTENING	APPR. #
2032	2'-2" x 3'-5"	2'-0" x 3'-2"	DBL HUNG WOOD MTL CLAD PREMIUM "TILT" WINDOW - LOW E	8d COMMON NAILS # 8" O.C.	FL5994-R1
3032	3'-2" x 3'-5"	3'-0" x 3'-2"	DBL HUNG WOOD MTL CLAD PREMIUM "TILT" WINDOW - LOW E	8d COMMON NAILS # 8" O.C.	FL5994-R1
3046	3'-2" x 4'-9"	3'-0" x 4'-6"	DBL HUNG WOOD MTL CLAD PREMIUM "TILT" WINDOW - LOW E	8d COMMON NAILS # 8" O.C.	FL5994-R1
2-30310	6'-3 3/8" x 4'-1"	3'-0" x 3'-10"	TWIN-DBL HUNG WOOD MTL CLAD PREMIUM "TILT" WINDOW - LOW E	8d COMMON NAILS # 8" O.C.	FL5994-R1
2-3052	6'-3 3/8" x 5'-5"	3'-0" x 5'-2"	TWIN-DBL HUNG WOOD MTL CLAD PREMIUM "TILT" WINDOW - LOW E	8d COMMON NAILS # 8" O.C.	FL5994-R1

DOOR SCHEDULE

C.O.	R.O.	S.O.	DESCRIPTION	FASTENING	APPR. #
3068	3'-2 3/8" x 6'-1 3/4"	3'-0" x 6'-8"	WOOD INSULING X-BUCK DOOR	8d COMMON NAILS # 8" O.C.	FL3716

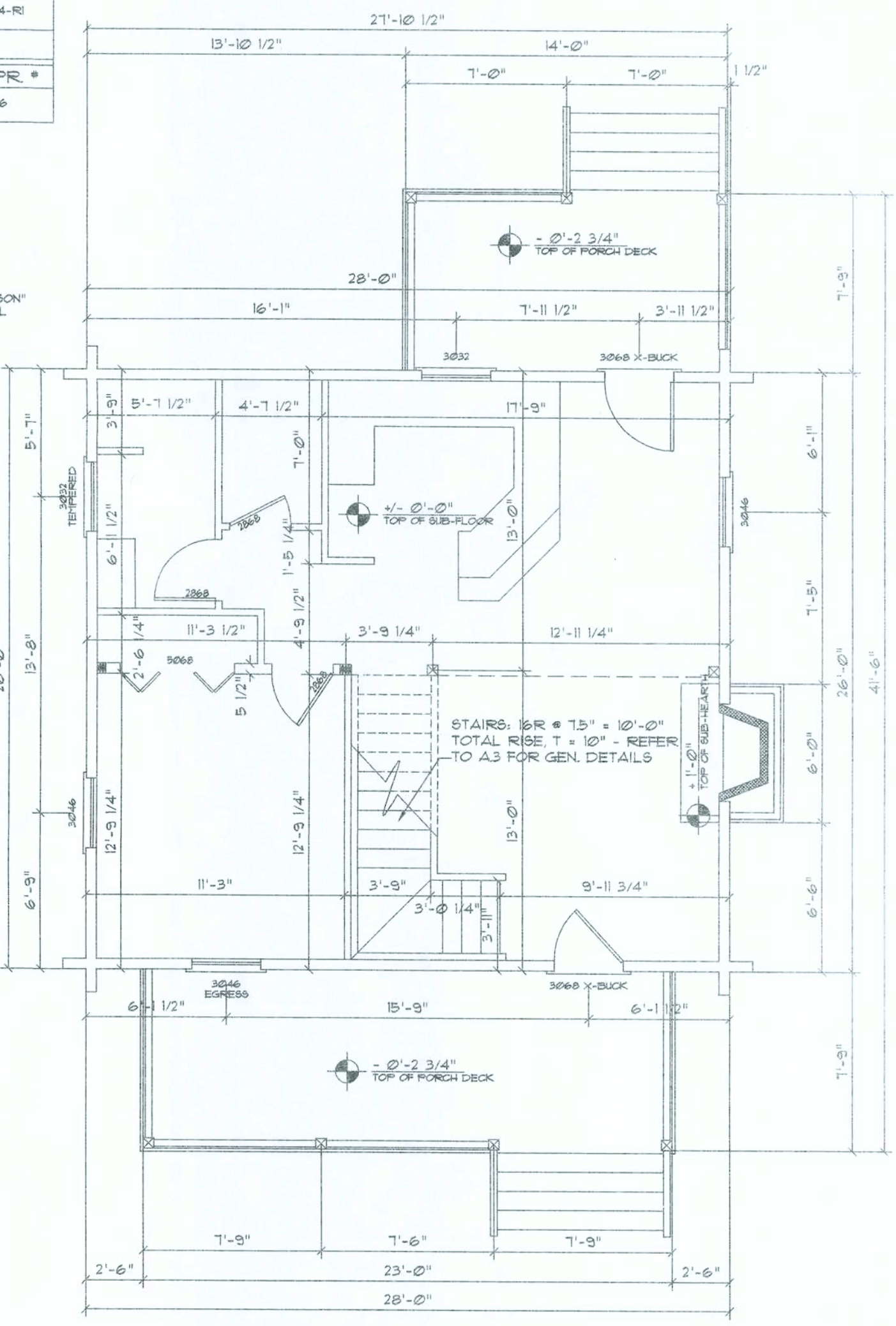
NOTE I
ALL WINDOW & DOOR ROUGH OPENING SIZES DO NOT INCLUDE THE SUB-BUCKS.

NOTE II
ALL WINDOWS ARE INSULATED AND WEATHER-STRIPPED AS MANUFACTURED BY "HURD" (HURD MILLWORK CO. MEDFORD, WISCONSIN, 54641). OTHER MANUFACTURERS SHALL BE CONSIDERED AS "EQUAL" - OWNER SHALL VERIFY R.O. SIZES REQUIRED.

NOTE III
ALL X-BUCK DOORS ARE INSULATED AND WEATHER-STRIPPED AS MANUFACTURED BY "SIMPSON" (SIMPSON DOOR CO. 460 SIMPSON AVE. MCLEARY, WASHINGTON, 98551). OTHER MFG. SHALL BE CONSIDERED AS "EQUAL" - OWNER SHALL VERIFY R.O. SIZES REQUIRED.

NOTE IV
VERIFY EGRESS WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION. NOTE: VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

ABBREVIATIONS:
C.O. = CALL OUT
R.O. = ROUGH OPENING
S.O. = SASH OPENING



1st Fl. Dimension Plan
SCALE: 3/16" = 1'-0"

NOTE I
ALL INTERIOR WALLS SHALL BE 3 1/2" UNLESS OTHERWISE NOTED

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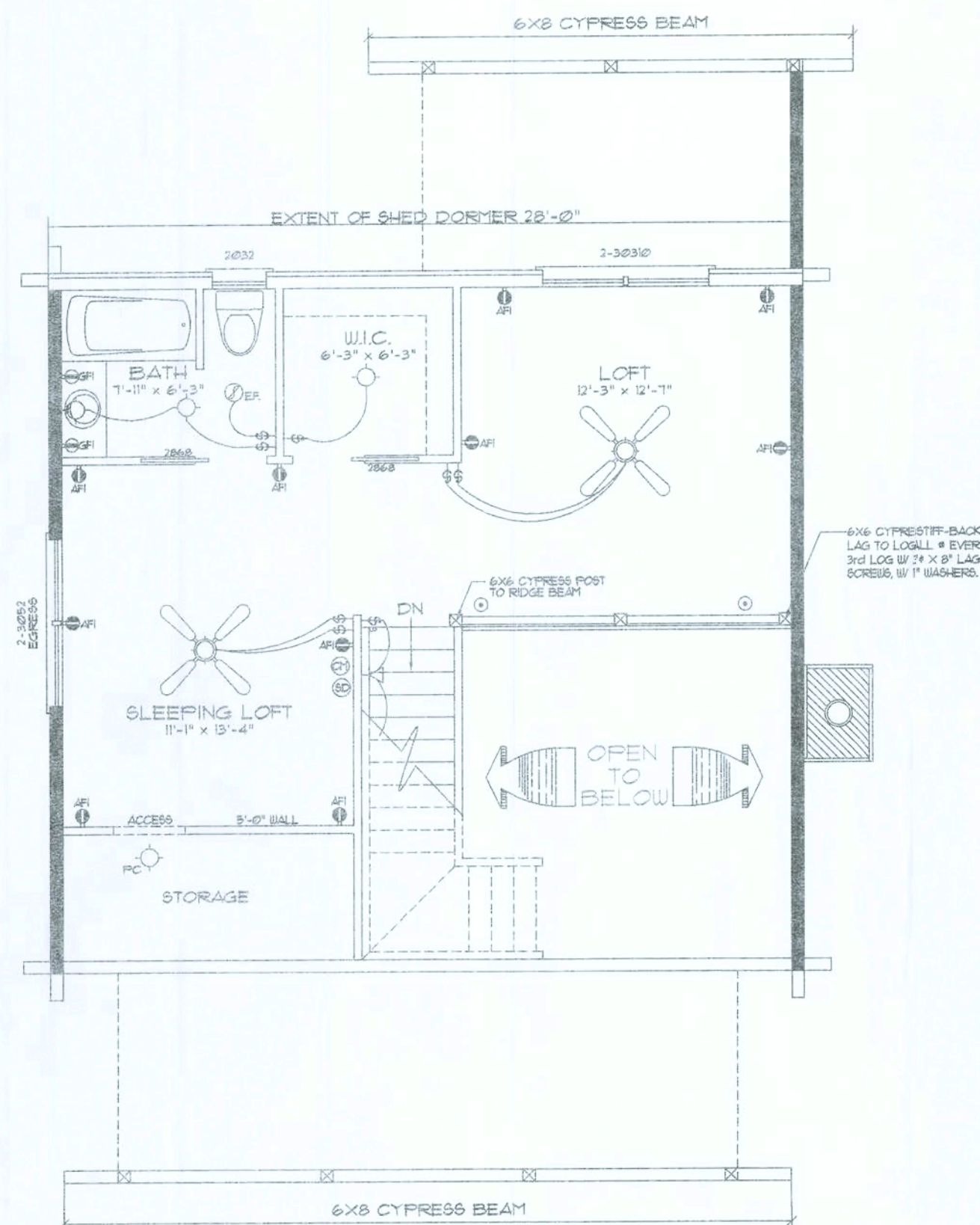
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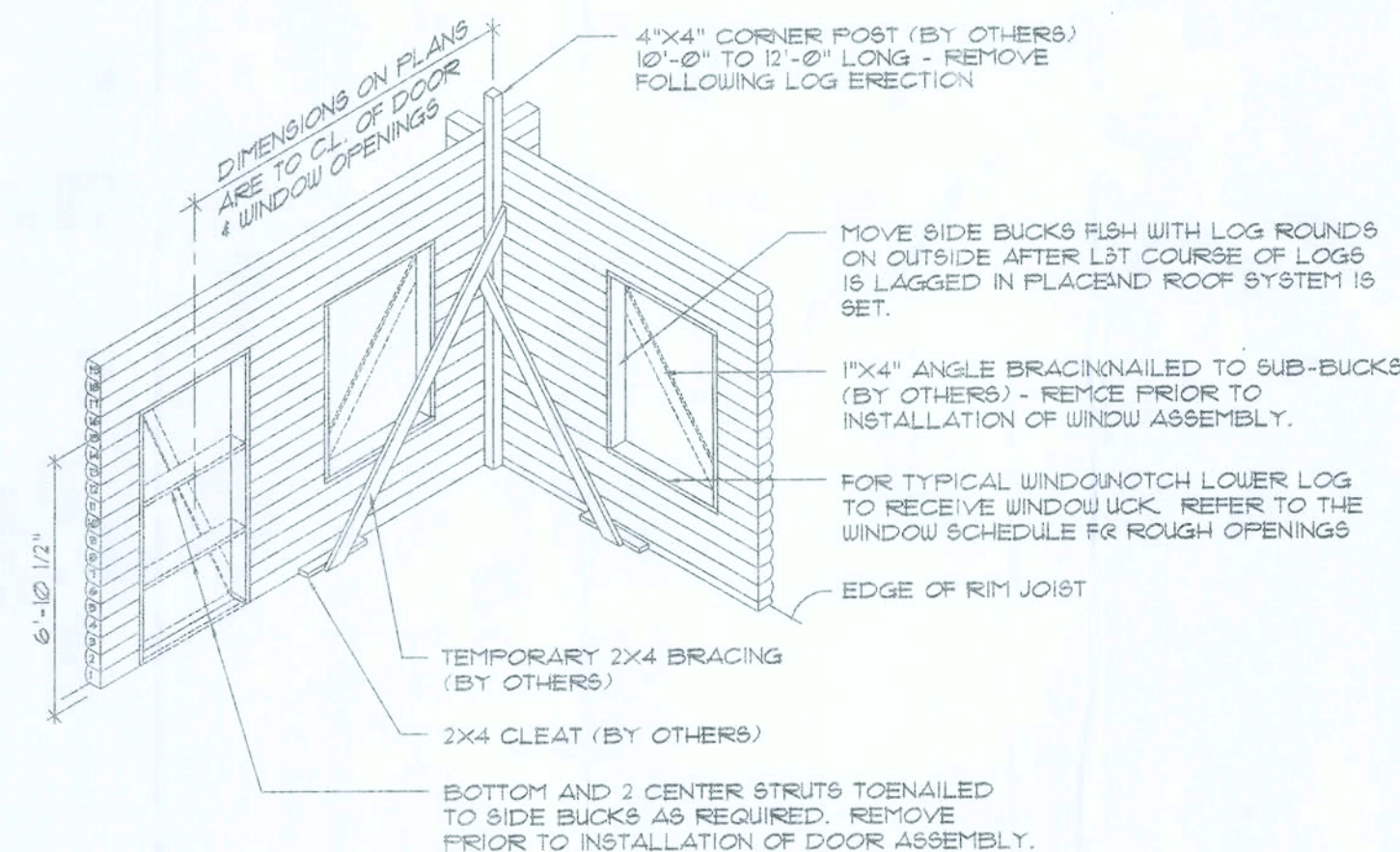
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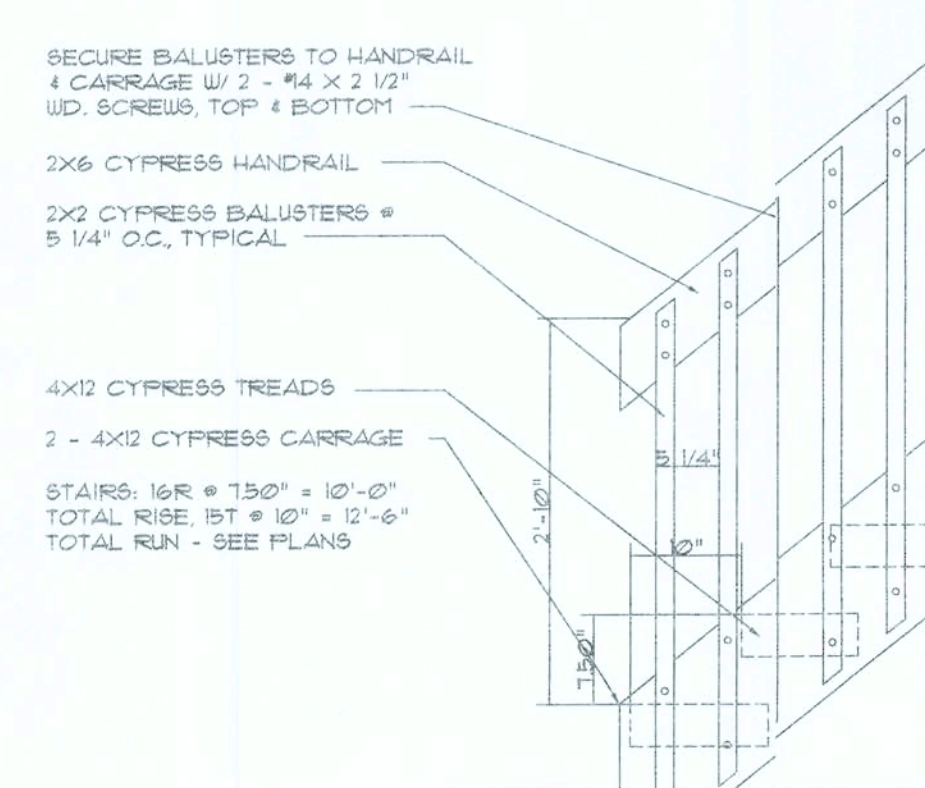
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2 OF 8



2nd Floor PLAN
SCALE: 3/16" = 1'-0"



Window/Door Sub-Buck DETAIL
SCALE: N.T.S.



Stair DETAIL
SCALE: N.T.S.

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NOTE: ALL RECEPTALS SHALL BE ON AFCI PROTECTED CIRCUITS. EXCEPTION: COUNTER TOPS & DESIGNATED RECEPTALS.

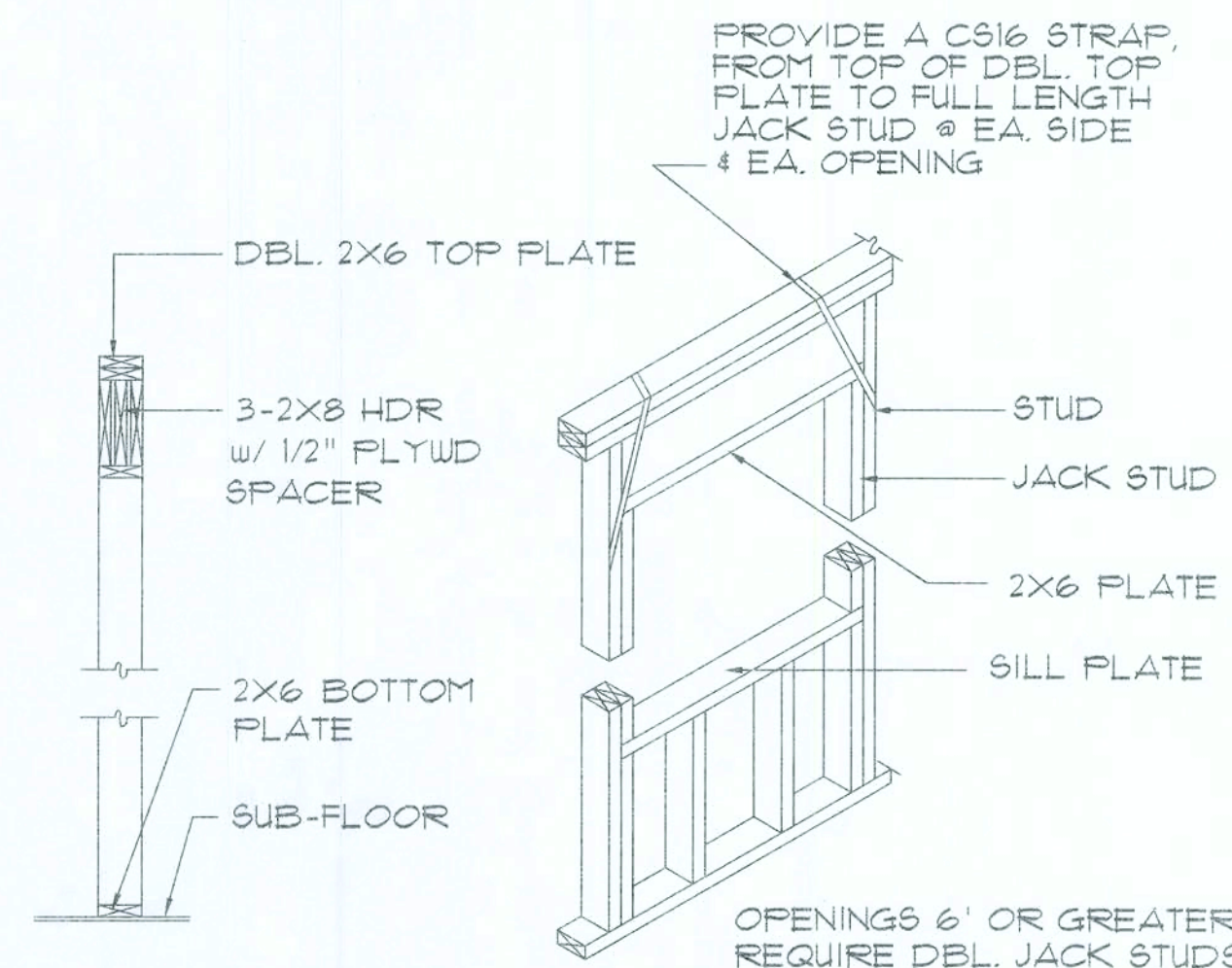
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NOTE: PROVIDE 2x6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.

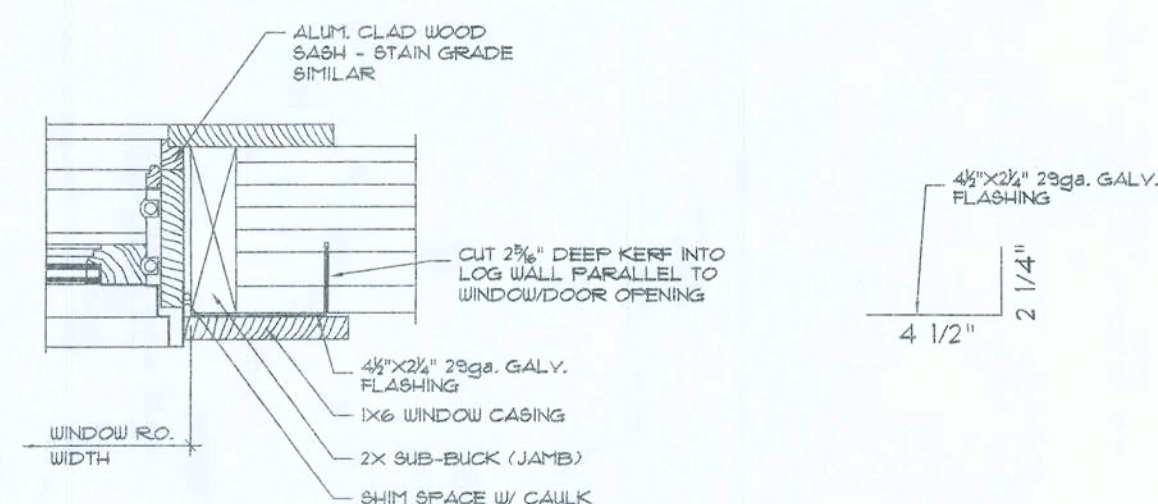
TEMPERED GLASS NOTES:

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- GLAZING IN SLIDING DOORS AND FIXED AND SLIDING PANELS OF SLIDING (FATIO) DOOR ASSEMBLIES.
- GLAZING IN DOORS AND WALLS OF ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHUBS, SHOWERS, AND OTHER SUCH FACILITIES WHERE SUCH GLAZING IS LOCATED 36 INCHES (914 MM) OR LESS, MEASURED HORIZONTALLY, FROM A STANDING OR WALKING SURFACE WITHIN THE ENCLOSURE AND WHERE THE BOTTOM EDGE OF THE EXPOSED GLAZING IS LESS THAN 60 INCHES (1524 MM) MEASURED VERTICALLY, ABOVE SUCH STANDING OR WALKING SURFACES.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH (610 MM) RADIUS OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EDGE IS LESS THAN 60 INCHES (1524 MM) ABOVE THE FLOOR OR WALKING SURFACE.
- EXCEPTION: GLAZING IN WALLS PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION IN GROUP R33 OR WITHIN DUELLING UNITS IN GROUP R2 SHALL BE SUBJECT TO 2405.2(4.4).
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 2 AND 3 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 - EXPOSED AREA OF AN INDIVIDUAL PANEL IS GREATER THAN 9 SQ FT (0.84 M²).
 - BOTTOM EDGE LESS THAN 18 INCHES (457.1 MM) ABOVE THE FLOOR.
 - TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR.
 - ONE OR MORE WALKING SURFACES WITHIN 36 INCHES (914 MM) HORIZONTALLY OF THE PLANE OF THE GLAZING.



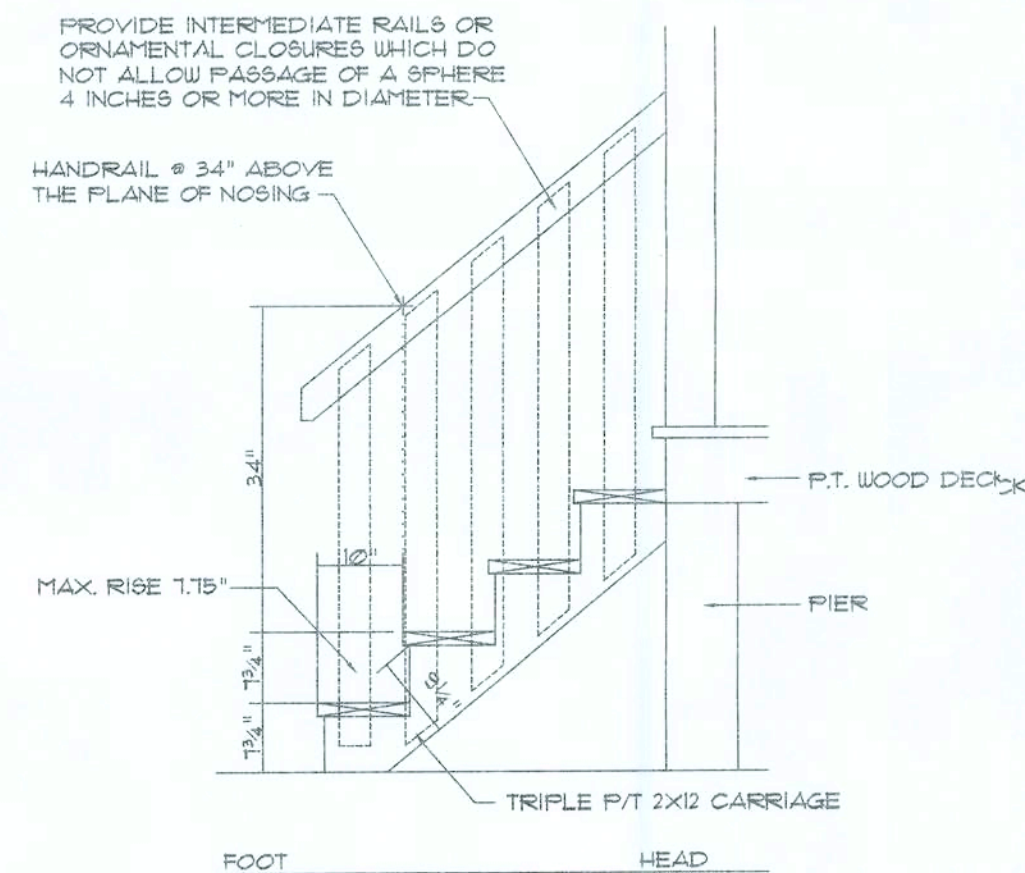
FRAMED WALL WINDOW HEADER (G)



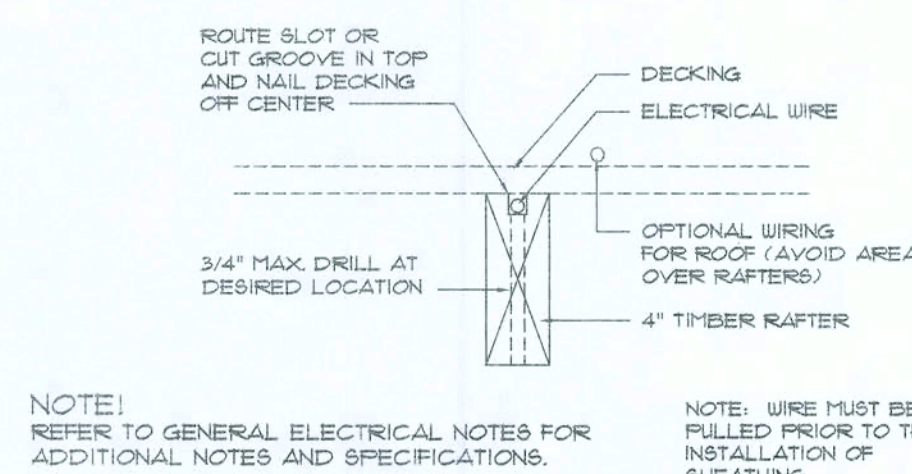
JAMB DETAIL

FLASHING DETAIL

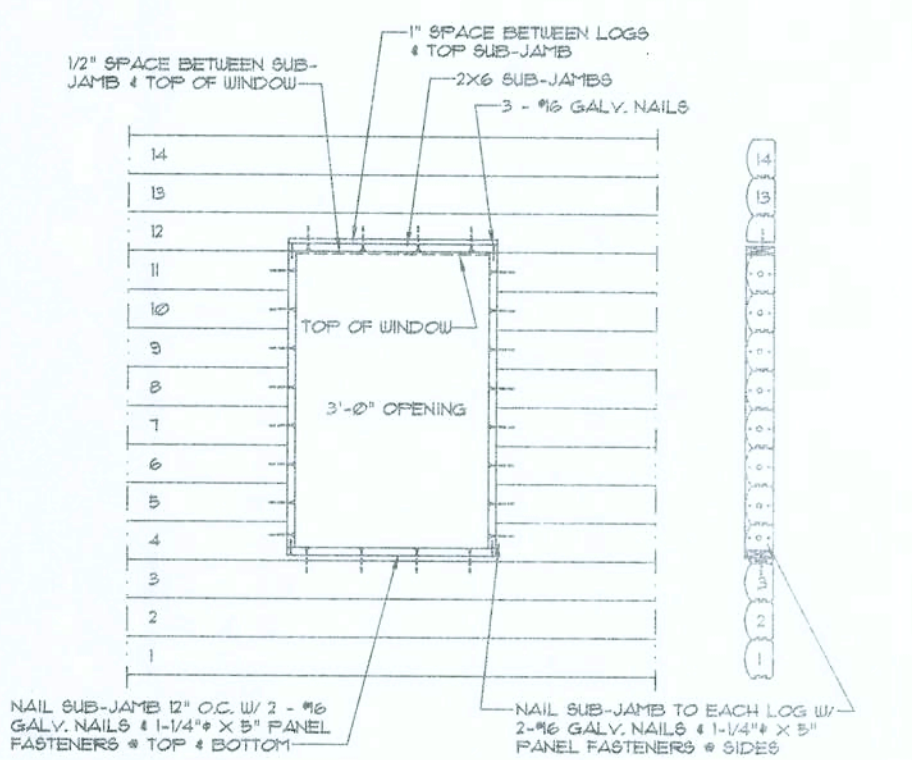
Flashing Detail (F)
SCALE: N.T.S.



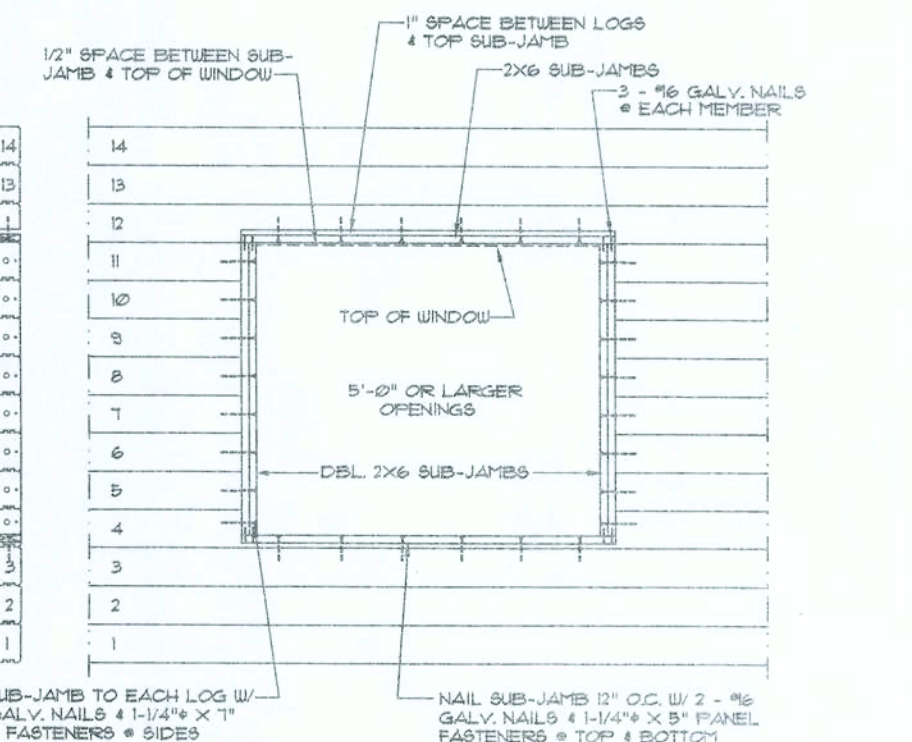
Typ. Deck Stair DETAIL (D)
SCALE: N.T.S.



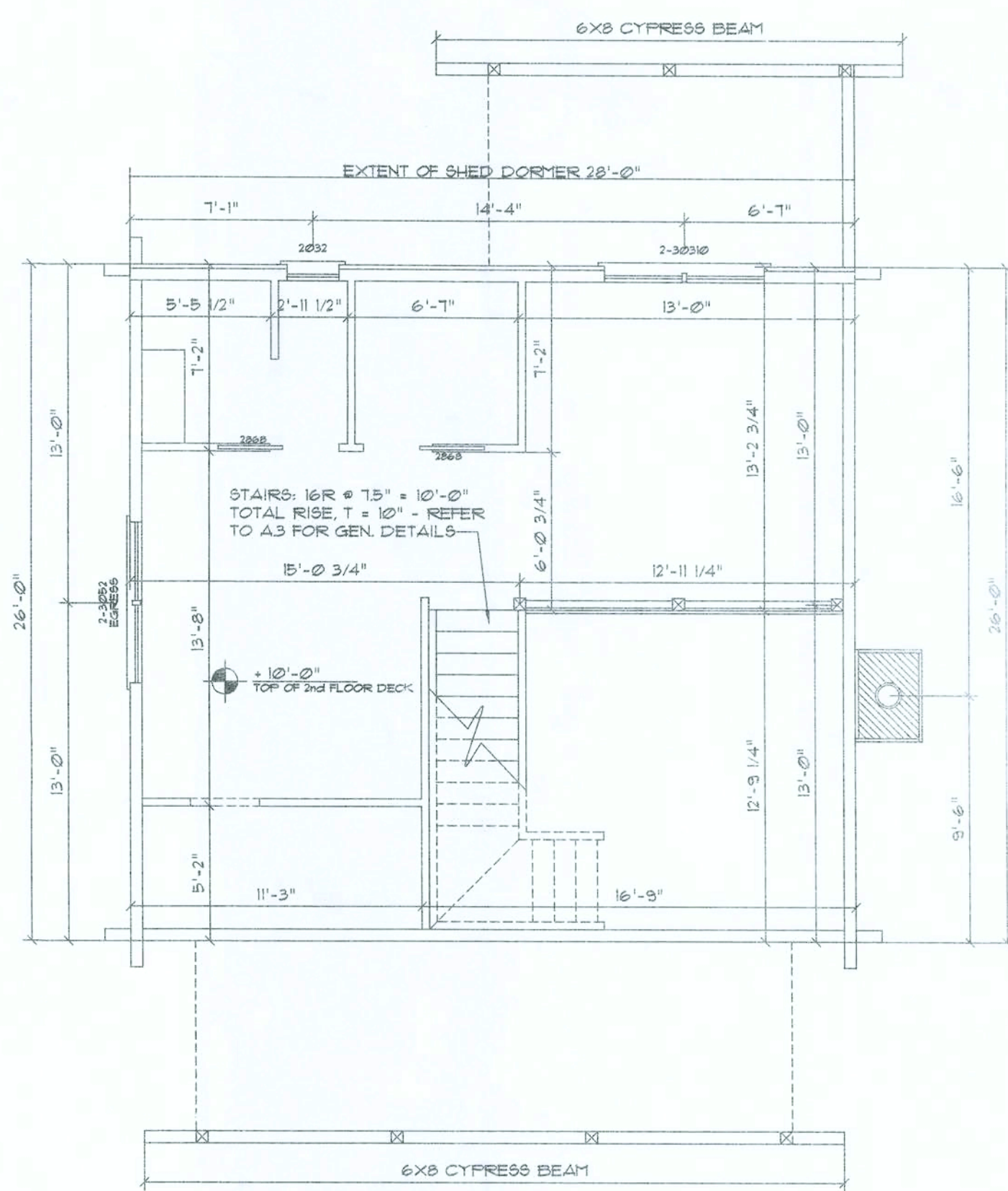
Rafter Wiring DET. (E)
SCALE: N.T.S.



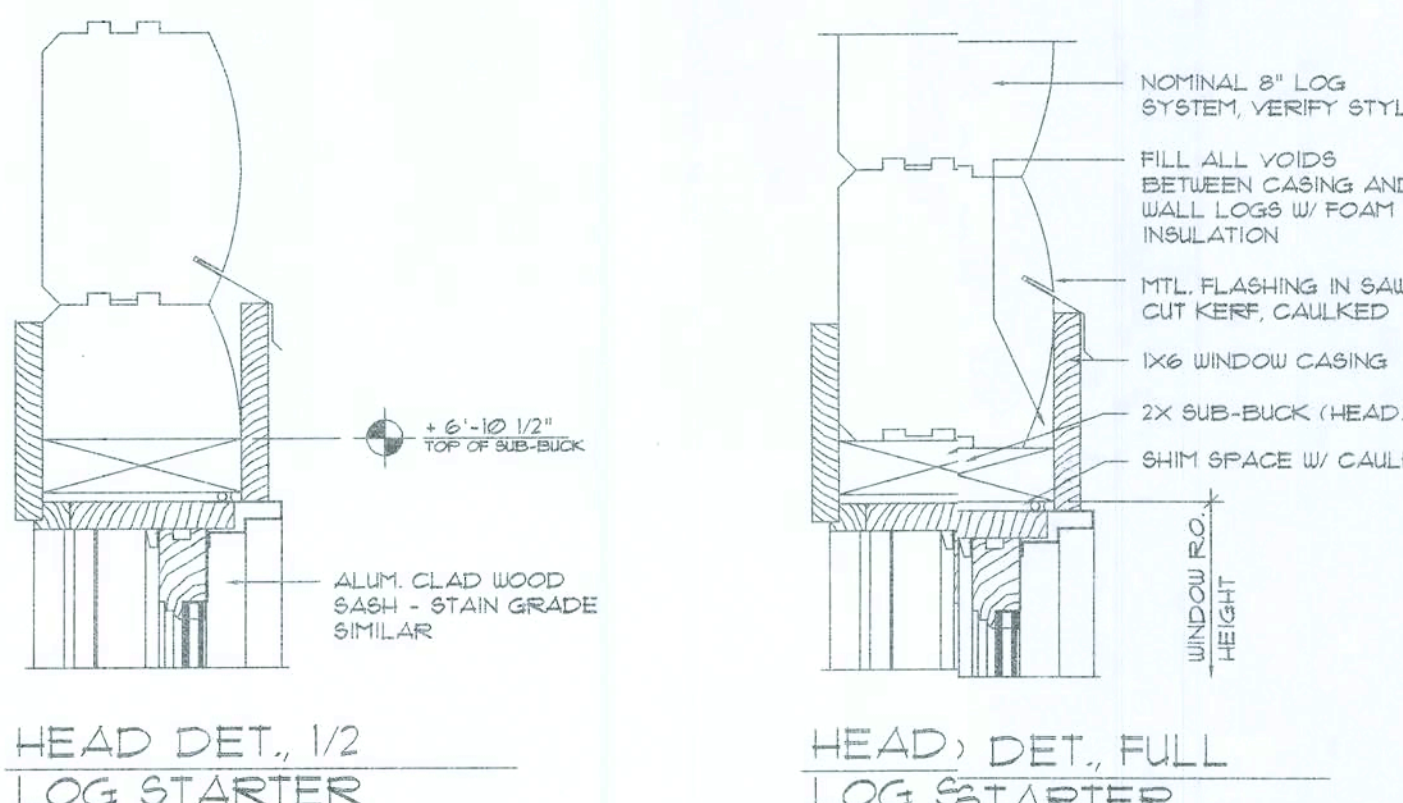
Window Sub-Buck DETAIL (H)
SCALE: N.T.S.



Window Sub-Buck DETAIL (J)
SCALE: N.T.S.



2nd Floor PLAN
SCALE: 3/16" = 1'-0"



HEAD DET., 1/2 LOG STARTER

HEAD DET., FULL LOG STARTER

Typical Window/Door Trim/Flashing DETAIL (C)
SCALE: N.T.S.

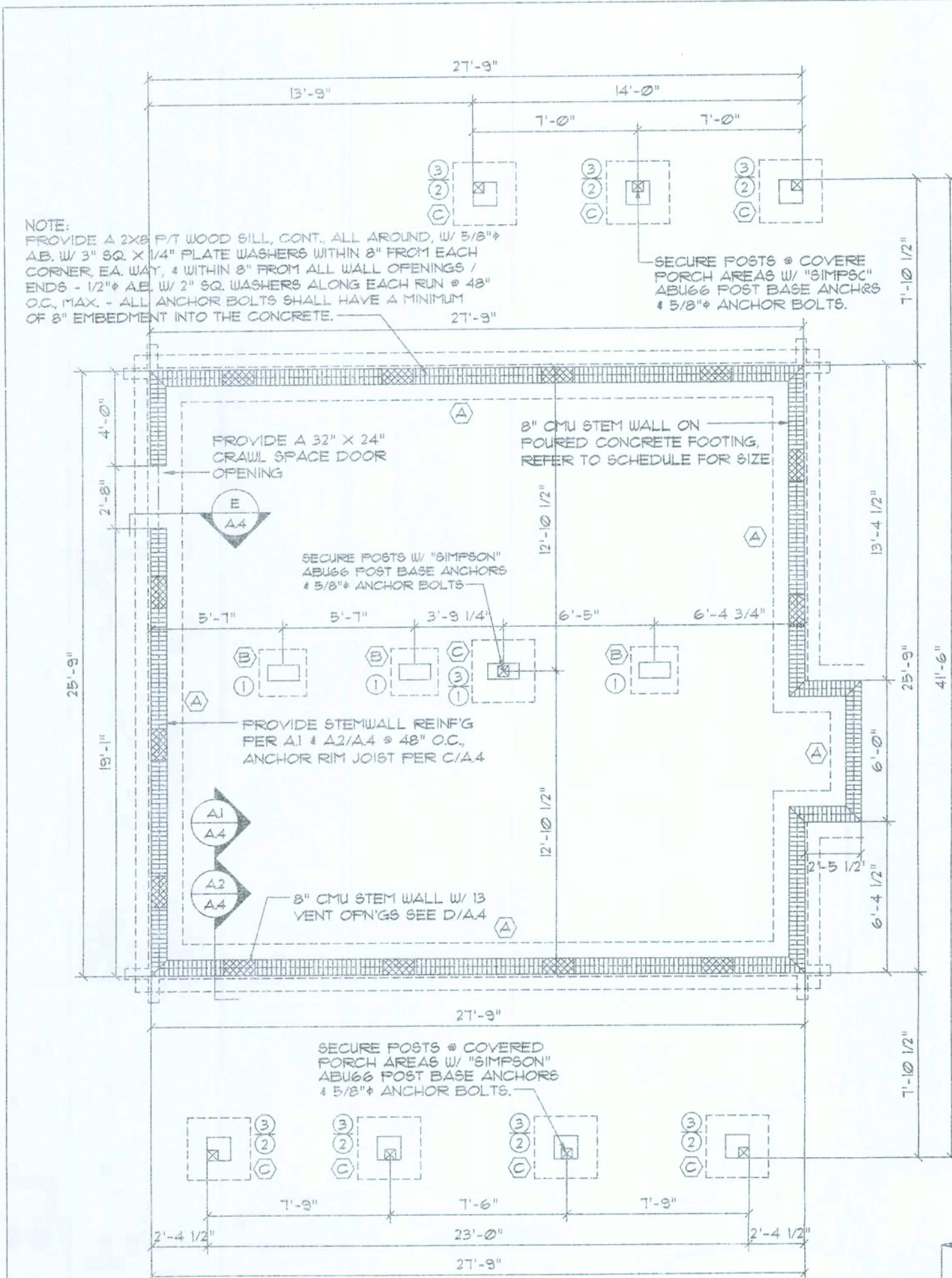
SUWANNEE RIVER LOG HOMES, INC.
Manufacturers
Specializing in Cypress & Cedar Custom Homes
4345 HIGHWAY 30 WELLSBORO, FLORIDA 32094
386-3631 LOGS(3647) / LOGS(3622) LOGS(3647)

Gary J. Gill, P.E. #51942
P.O. Box 187
130 West Howard Street
Live Oak FL 32064
Phone: (386) 362-3878
Fax: (386) 362-8133
Auth. #: 8491

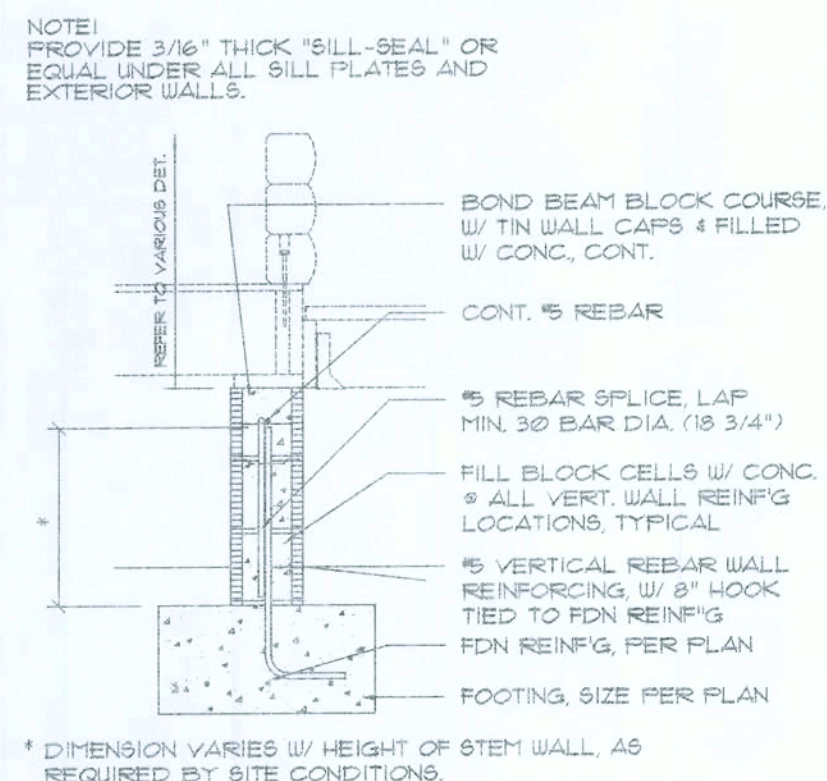
A Custom Log Home For:
SCOTT CASE
COLUMBIA CO. FL

DATE	DRAWN	REVISION	SHEET
26 AUG 08	SH		
CORR	REVIEWED:		
L0833	GJG		

A3
3 of 8



Foundation Plan
SCALE: 3/16" = 1'-0"

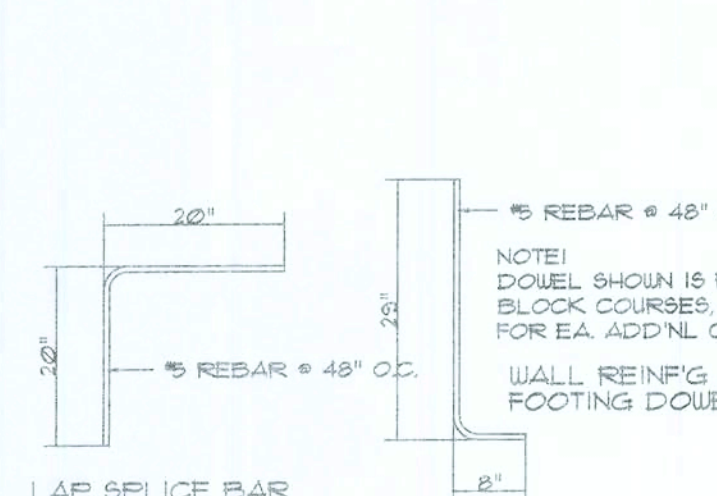


* DIMENSION VARIES W/ HEIGHT OF STEM WALL, AS REQUIRED BY SITE CONDITIONS.

NOTE: FOR STEM WALLS OVER 6 BLOCK COURSES HIGH, REFER TO SUBSEQUENT WALL REINFG DETAIL FOR 3 PART WALL REINFG (FDN, HOOK, WALL REINFG & LAP SPICE).

NOTE: ALL REQUIRED ANCHOR BOLTS, STRAPS OR OTHER EMBEDDED ITEMS, SHALL BE IN PLACE PRIOR TO THE POURING OF CONCRETE. VERIFY & COORDINATE PLANS AND OTHER FOUNDATION DETAILS.

Stem Wall REINFG
SCALE: N.T.S.



Rebar Details
SCALE: N.T.S.

NOTE:

- FOUNDATION SHOWN IS FOR CLEAN SAND OR ROCK FILL ONLY. OTHER CONDITIONS SHOULD BE DESIGNED BY A LICENSED ENGINEER.
- ASSUMED SOIL BEARING CAPACITY 2000 PSF.
- ALL CONCRETE SHALL BE 3000 PSI.
- PROVIDE ACCESS AND VENTS AS PER CODE.
- FLOOR SYSTEM IS RATED UNDER 2 SYP.
- DOUBLE FLOOR JOIST USING ALL PARALLEL PARTITION WALLS.

1. ALL EXPOSED FRAMING ON PORCHES AND DECKS SHALL BE PRESSURE TREATED.

2. MASONRY PIERS OVER 32" TALL SHALL BE 10X16 WIDE.

3. PROVIDE SOLID BLOCKING UNDER ALL BEARING POINTS.

4. 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.

5. PORCH & 16" FLOOR MTL. JOIST HANGERS MAY BE PROVIDED BY SELLER, VERIFY W/ SALES AGREEMENT PRIOR TO ORDERING.

6. LOG ASSEMBLY METAL COMPONENTS, ALONG W/ GALVANIZED COTTON NAILS (8d TYP 16d) MAY BE PROVIDED BY SELLER, VERIFY W/ SALES AGREEMENT PRIOR TO ORDERING.

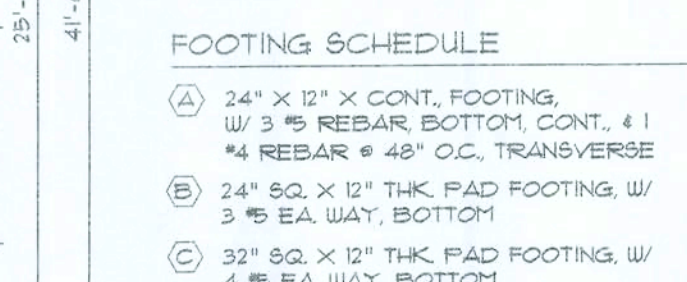
7. ALL OTHER FRAMING CONNECTORS AND THE ASSOCIATED THRU-BOLTS AND/OR LAG SCREWS, REQUIRED BY THE PLANS AND/OR PERMIT ISSUING AUTHORITY, SHALL BE PROVIDED BY THE CONTRACTOR.

FOOTING SCHEDULE

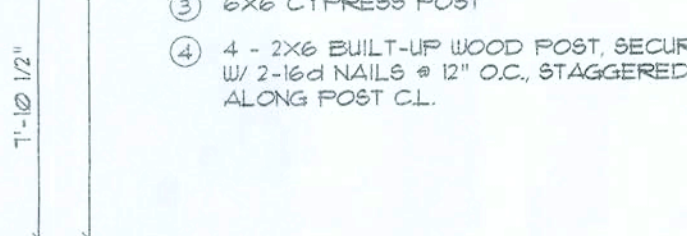
- 24" X 12" X 12" CONC. FOOTING, W/ 3 5/8" REBAR, BOTTOM, CONT. 4 1/2" REBAR @ 48" O.C. TRANSVERSE
- 24" 8Q. X 12" THK. PAD FOOTING, W/ 3 5/8" EA. WAY, BOTTOM
- 32" 8Q. X 12" THK. PAD FOOTING, W/ 4 5/8" EA. WAY, BOTTOM

PIER / POST SCHEDULE

- 8" X 16" CONC. FILLED CONC. BLOCK, W/ 2 5/8" VERT. REBAR HOOKED TO FTG
- 12" X 12" CONC. FILLED CONC. BLOCK, W/ 2 5/8" VERT. REBAR HOOKED TO FTG
- 6X6 CYPRESS POST
- 4" 2X8 BUILT-UP WOOD POST SECURE W/ 2-16d NAILS @ 12" O.C., STAGGERED ALONG POST CL.



Anchor Strap Detail
SCALE: N.T.S.



Foundation Vent Detail
SCALE: N.T.S.

TERMITE PROTECTION NOTES:

SECTION R320 PROTECTION AGAINST TERMITES

R320.1 Termites protection shall be provided by registered termiticides, including soil applied pesticides, baiting systems, and pesticides applied to wood, or other approved methods. Termites protection shall be provided by registered termiticides, including soil applied pesticides, baiting systems, and pesticides applied to wood, or other approved methods. Termites protection shall be provided by registered termiticides, including soil applied pesticides, baiting systems, and pesticides applied to wood, or other approved methods.

R320.2 If soil treatment is used for subterranean termite prevention, the initial chemical soil treatment shall be done after all excavation, backfilling, and compaction is complete.

R320.3 If soil treatment is used for subterranean termite prevention, soil area disturbed after initial chemical soil treatment shall be retreated with a chemical soil treatment, including spaces boxed or formed.

R320.4 If soil treatment is used for subterranean termite prevention, space in concrete floors boxed out or formed for the subsequent installation of plumbing traps, drains or vents, to other purposes shall be created by using plastic or metal permanently placed forms of sufficient depth to eliminate any planned soil disturbance after initial chemical soil treatment.

R320.5 If soil treatment is used for subterranean termite prevention, chemically treated soil shall be protected with a minimum 6 mil vapor retarder to protect against rainfall only.

R320.6 If soil treatment is used for subterranean termite prevention, chemical soil treatments shall also be applied under all exterior concrete or grade within 1 foot (305 mm) of the primary structure sidewalls. Also, a vertical chemical barrier shall be applied to the exterior of the structure, including initial landscaping and irrigation system installation. Any soil disturbed after the chemical vertical barrier is applied shall be promptly retreated.

R320.7 If a registered termiticide formulated and registered as a bait system is used, subterranean termite prevention, Sections R320.1 through R320.6 do not apply.

R320.8 If a registered termiticide formulated and registered as a wood treatment is used, subterranean termite prevention, Sections R320.1 through R320.6 do not apply.

R320.9 If a registered termiticide formulated and registered as a wood treatment is used, application of the wood treatment termiticide shall be as required by label directions for use, and must be completed prior to final building approval.

WOOD DECK / STEM WALL Half Log Starter
SCALE: N.T.S.

NOTE: PROVIDE 3/16" THICK "BILL-SEAL" OR EQUAL UNDER ALL SILL PLATES AND EXTERIOR WALLS.

10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

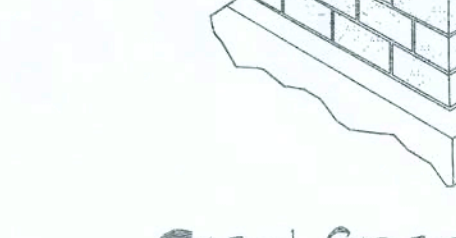
10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

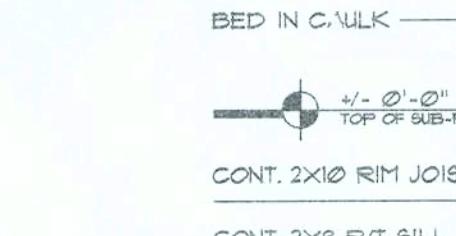
10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

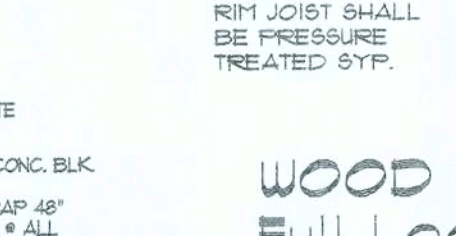
WOOD DECK / STEM WALL Half Log Starter
SCALE: N.T.S.



WOOD DECK / STEM WALL Full Log Starter
SCALE: N.T.S.



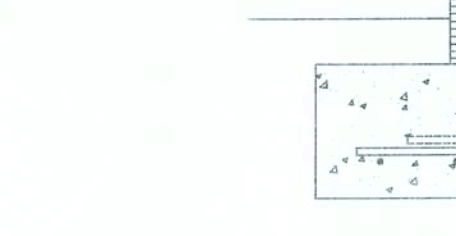
Porch Deck / Railing Detail
SCALE: N.T.S.



Section @ Right Angle to Girder
SCALE: N.T.S.



Section Parallel to Girder
SCALE: N.T.S.



Pier / Girder Section
SCALE: N.T.S.

WOOD DECK / STEM WALL
SCALE: N.T.S.

NOTE: PROVIDE 3/16" THICK "BILL-SEAL" OR EQUAL UNDER ALL SILL PLATES AND EXTERIOR WALLS.

10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

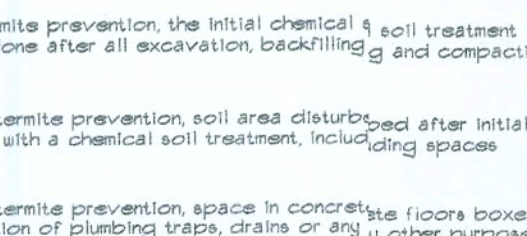
10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

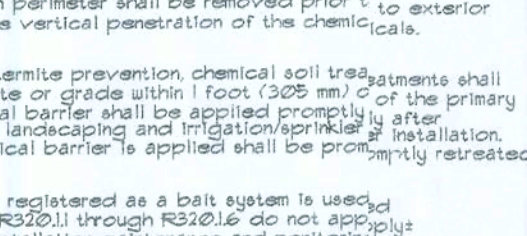
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12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

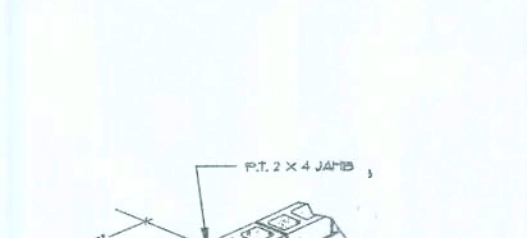
WOOD DECK / STEM WALL
SCALE: N.T.S.



Porch Framing Detail
SCALE: N.T.S.



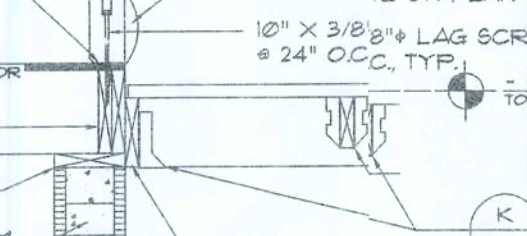
Framing Detail
SCALE: N.T.S.



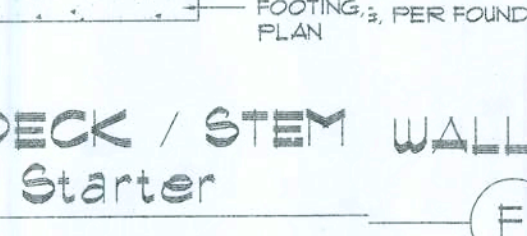
WOOD DECK / STEM WALL Half Log Starter
SCALE: N.T.S.



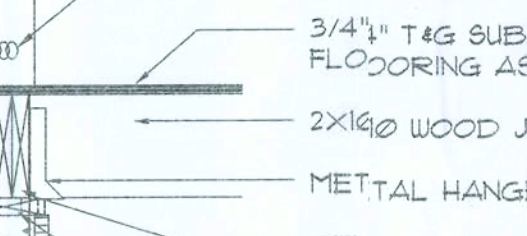
WOOD DECK / STEM WALL Full Log Starter
SCALE: N.T.S.



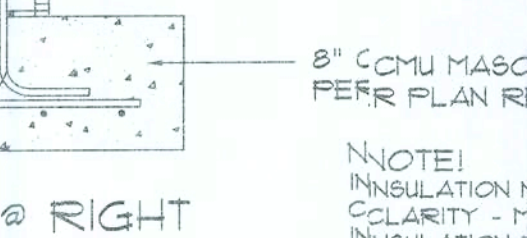
Porch Deck / Railing Detail
SCALE: N.T.S.



Section @ Right Angle to Girder
SCALE: N.T.S.



Section Parallel to Girder
SCALE: N.T.S.



Pier / Girder Section
SCALE: N.T.S.

WOOD BRIDGING
SCALE: N.T.S.

NOTE: PROVIDE 3/16" THICK "BILL-SEAL" OR EQUAL UNDER ALL SILL PLATES AND EXTERIOR WALLS.

10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

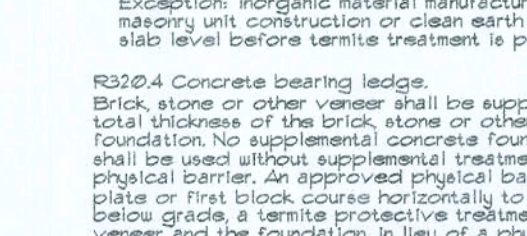
10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

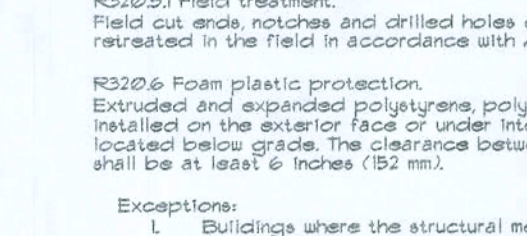
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12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

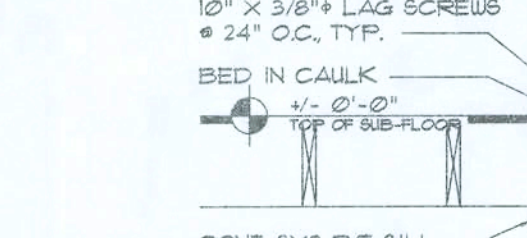
WOOD BRIDGING
SCALE: N.T.S.



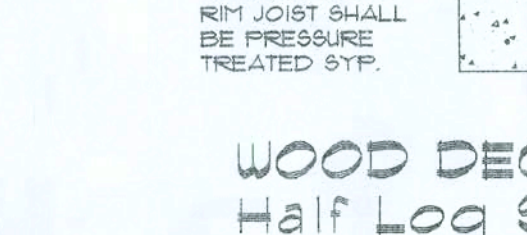
Typical 1st Floor Framing
SCALE: N.T.S.



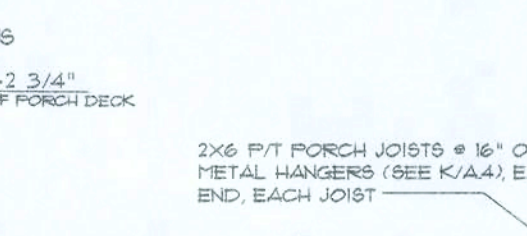
Typical Cross Bridging
SCALE: N.T.S.



Pier / Post & Girder Section
SCALE: N.T.S.



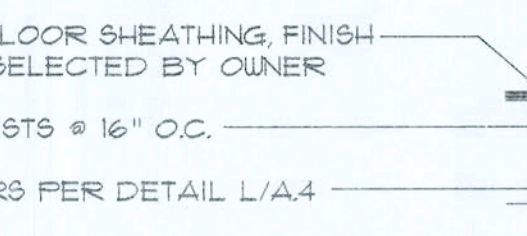
Framing Detail
SCALE: N.T.S.



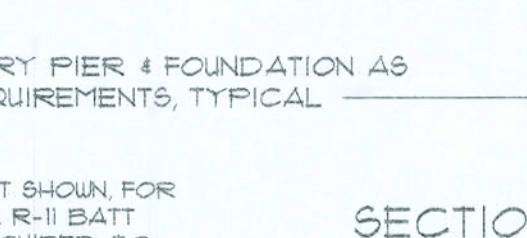
WOOD DECK / STEM WALL Half Log Starter
SCALE: N.T.S.



WOOD DECK / STEM WALL Full Log Starter
SCALE: N.T.S.



Porch Deck / Railing Detail
SCALE: N.T.S.



Section @ Right Angle to Girder
SCALE: N.T.S.

WOOD BRIDGING
SCALE: N.T.S.

NOTE: PROVIDE 3/16" THICK "BILL-SEAL" OR EQUAL UNDER ALL SILL PLATES AND EXTERIOR WALLS.

10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

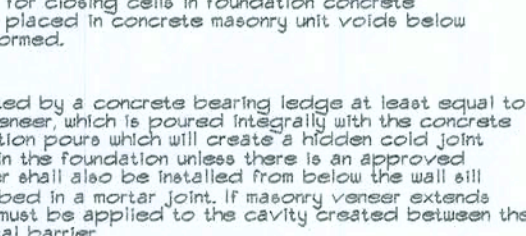
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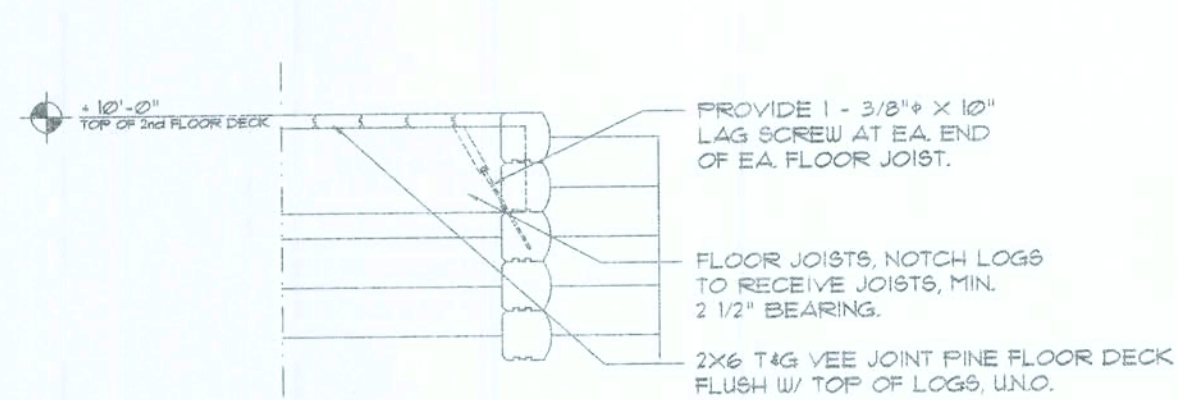
12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

10" X 3/8" LAG SCREWS @ 24" O.C. TYP.

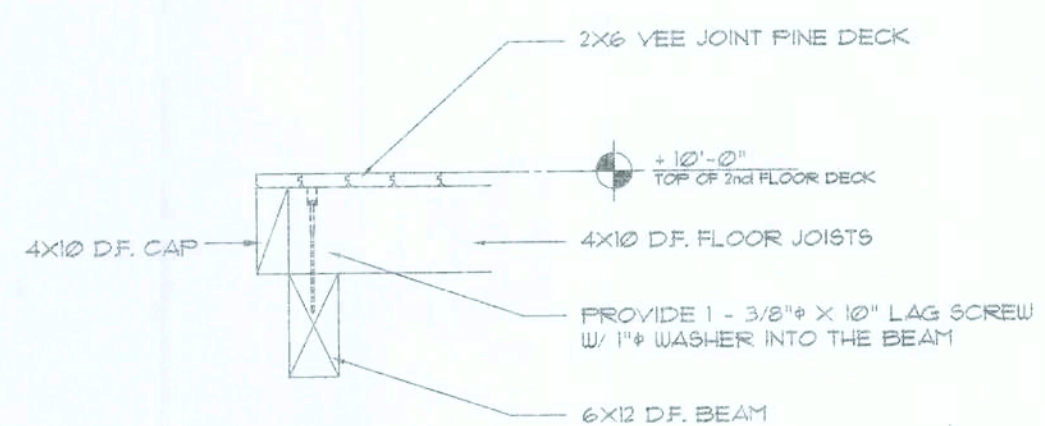
12" X 3/8" LAG SCREWS @ 24" O.C. TYP.

WOOD BRIDGING
SCALE: N.T.S.

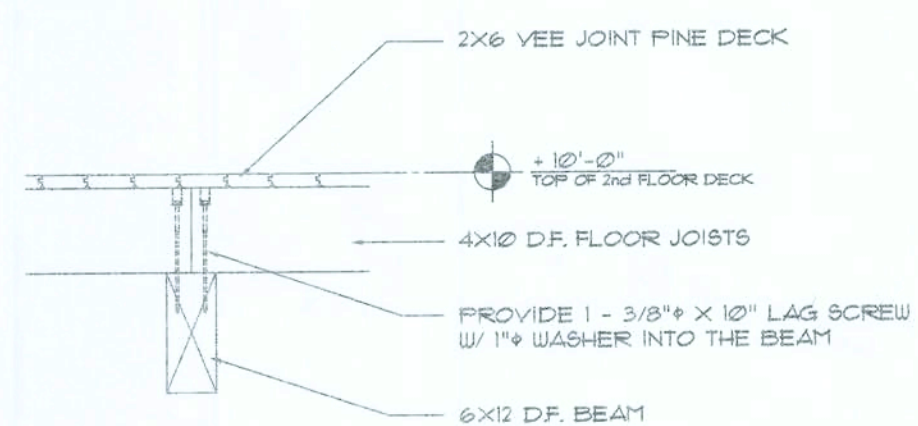




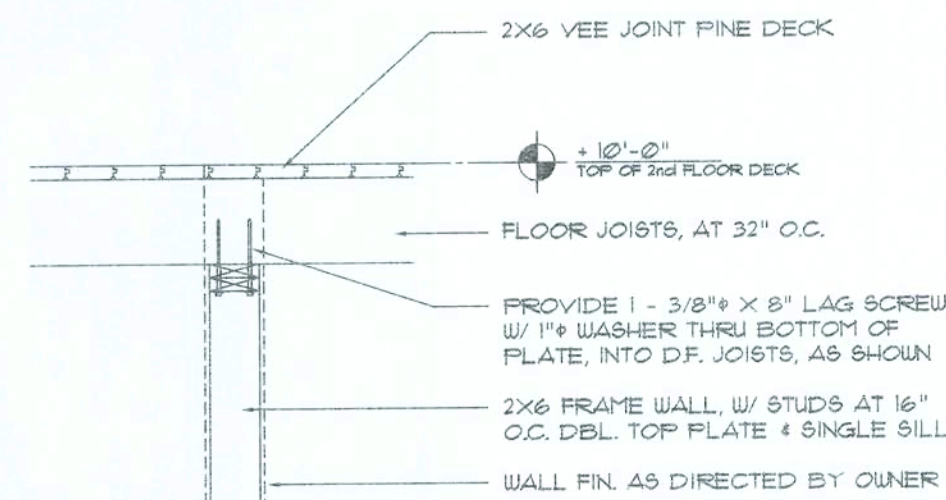
Joist to Log Wall DETAIL A
SCALE: N.T.S.



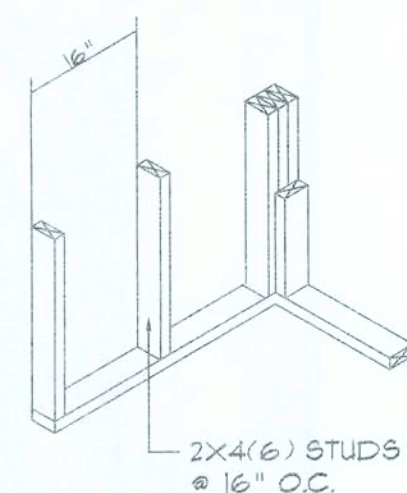
Fl. Jst. @ Beam DETAIL B
SCALE: N.T.S.



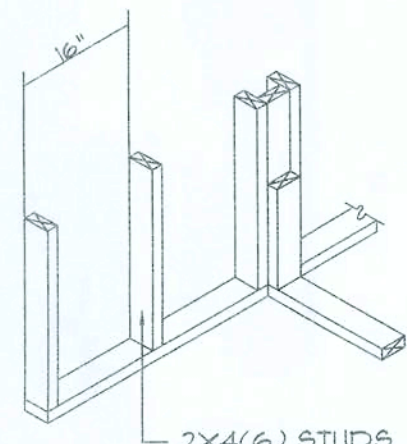
Fl. Jst. @ Beam DETAIL C
SCALE: N.T.S.



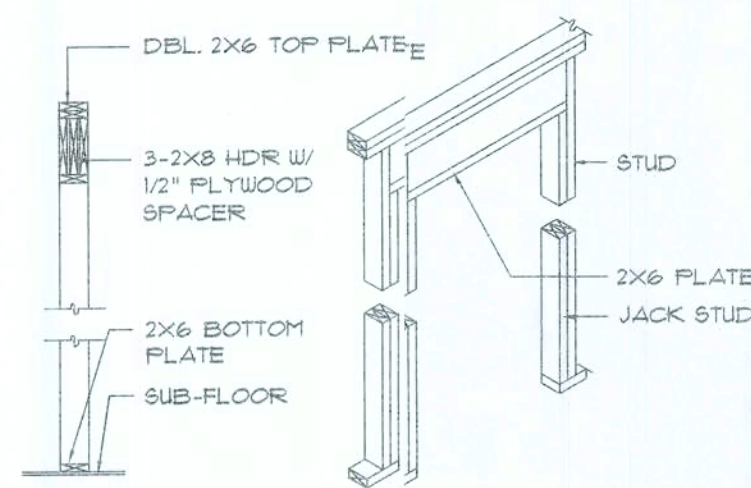
Fl. Jst. @ Framed Wall DETAIL D
SCALE: N.T.S.



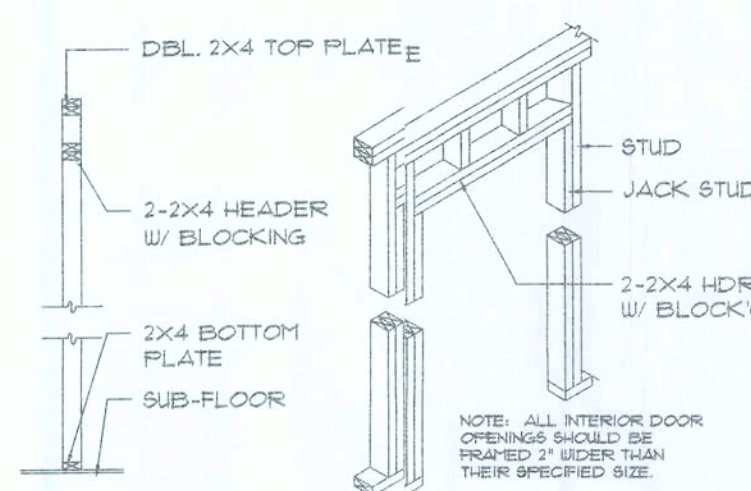
WALL CORNER DETAIL E



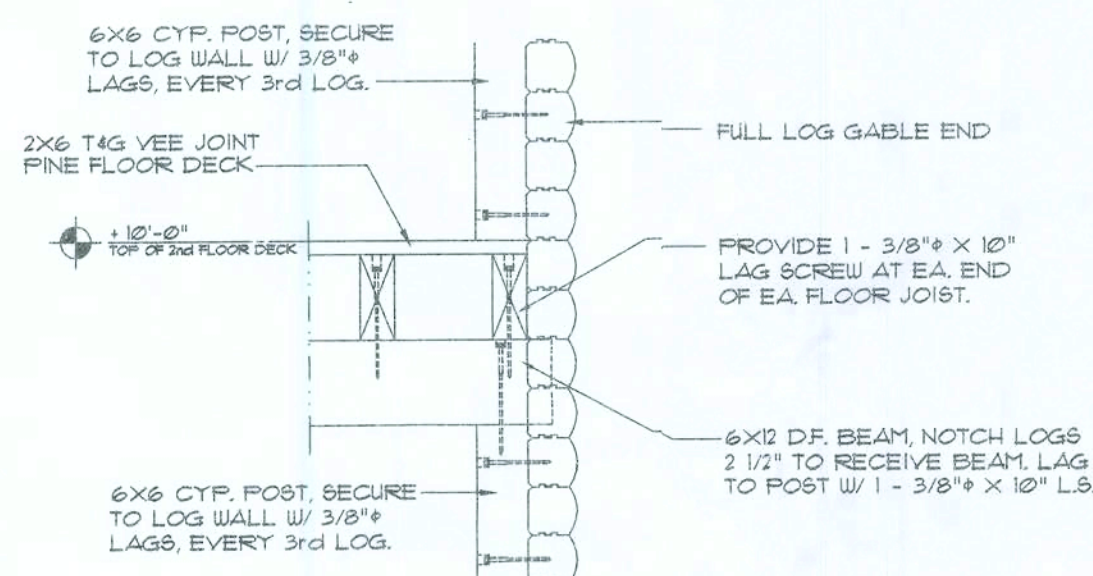
WALL INTERSECTION DETAIL F



BEARING WALL HEADER DETAIL G



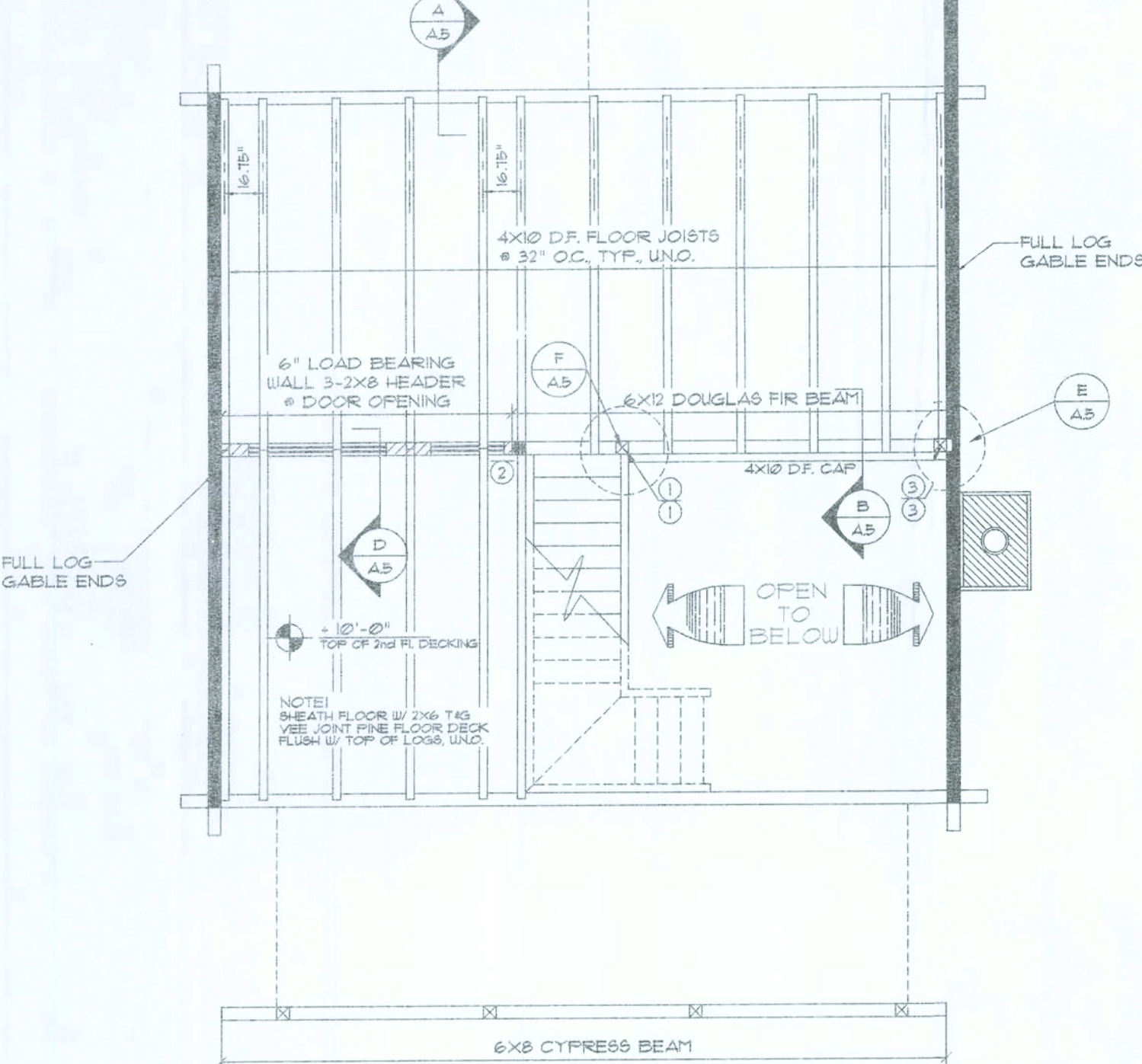
NON-BEARING WALL HEADER DETAIL H



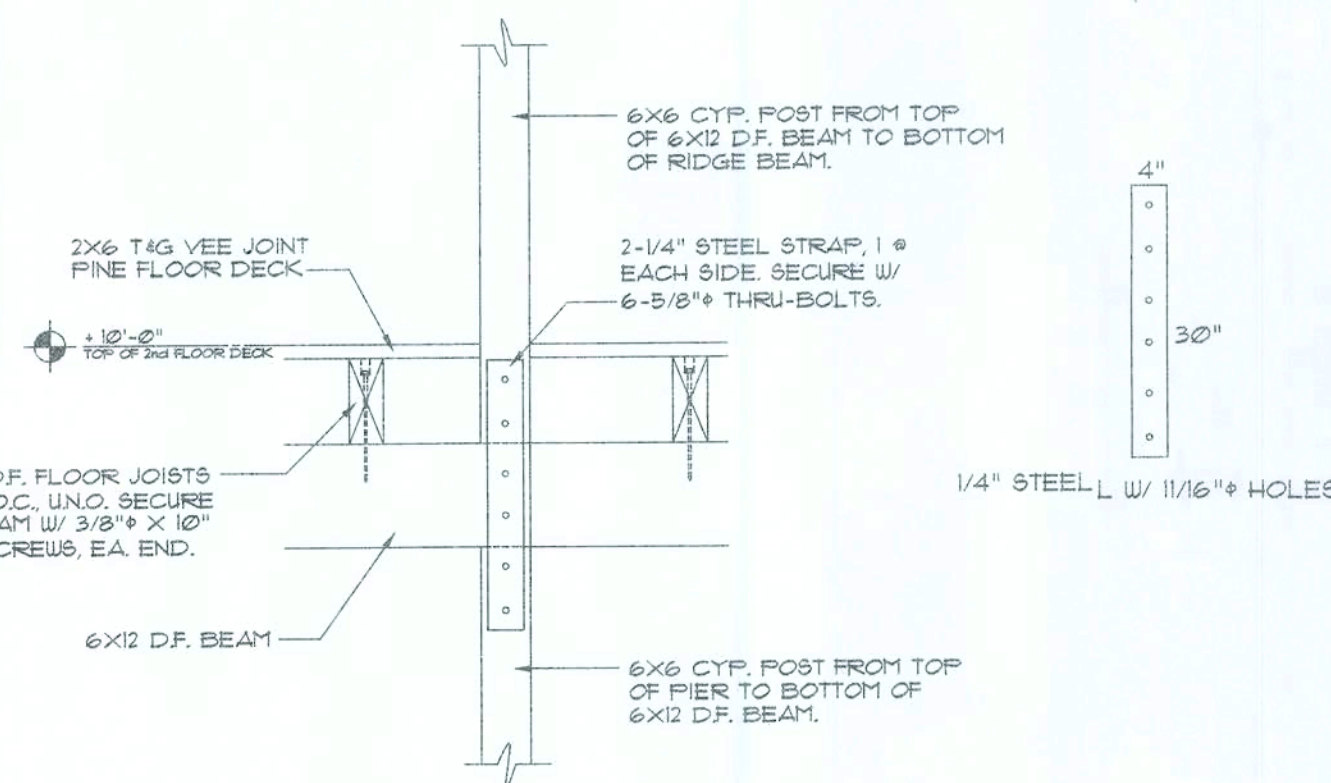
Beam to Log Wall DETAIL I
SCALE: N.T.S.

PIER SCHEDULE

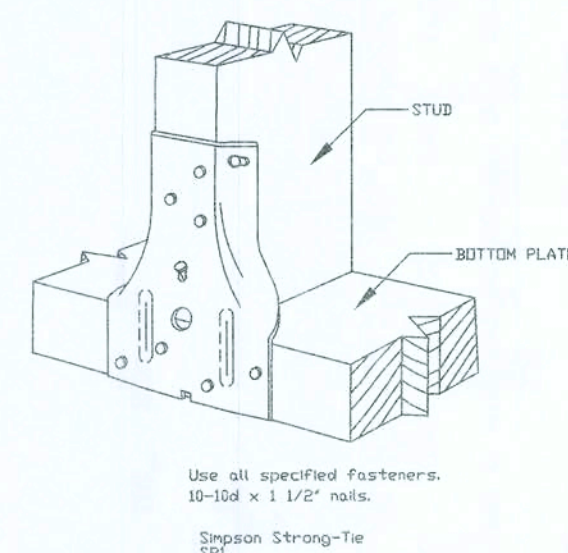
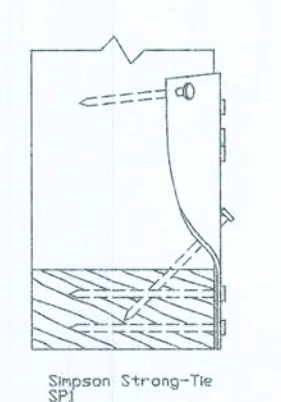
- 6x6 CYPRESS POST
- 4 - 2x6 BUILT-UP WOOD POST, SECURE W/ 2-16d NAILS @ 12" O.C., STAGGERED ALONG POST CL.
- 6x6 CYPRESS STIFF-BACK SECURE TO LOG WALL @ EVERY 3rd LOG W/ 3/8" x 8" LAG SCREWS, W/ 1 1/2" WASHERS.



2nd Fl. Framing PLAN
SCALE: 3/16" = 1'-0"

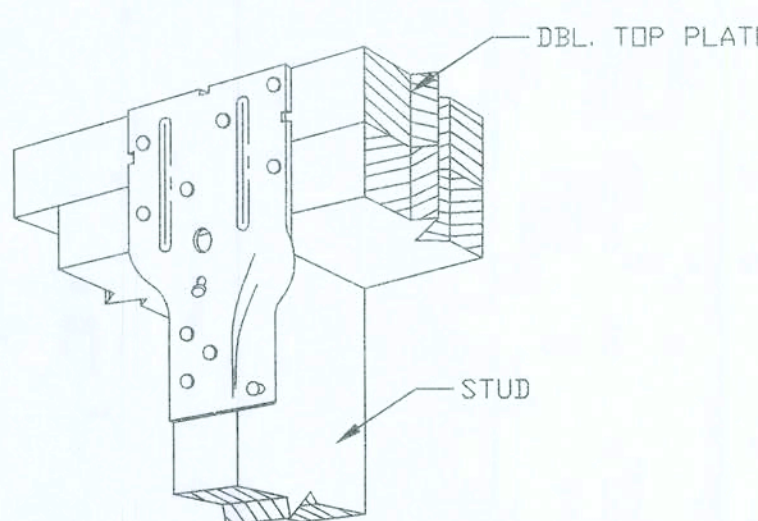


Post To Post DETAIL J
SCALE: N.T.S.



Use all specified fasteners. 10-10d x 1 1/2" nails.

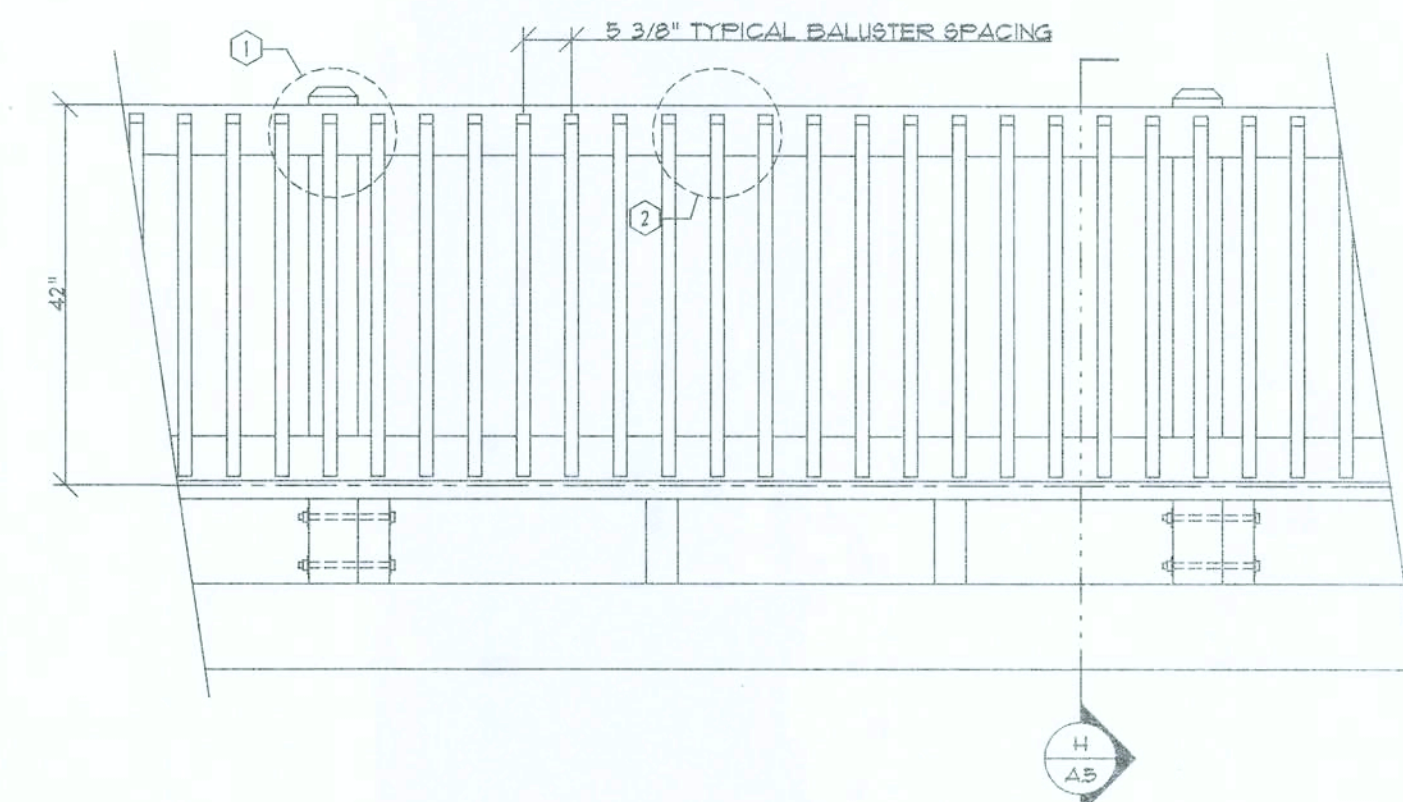
Simpson Strong-Tie SP2



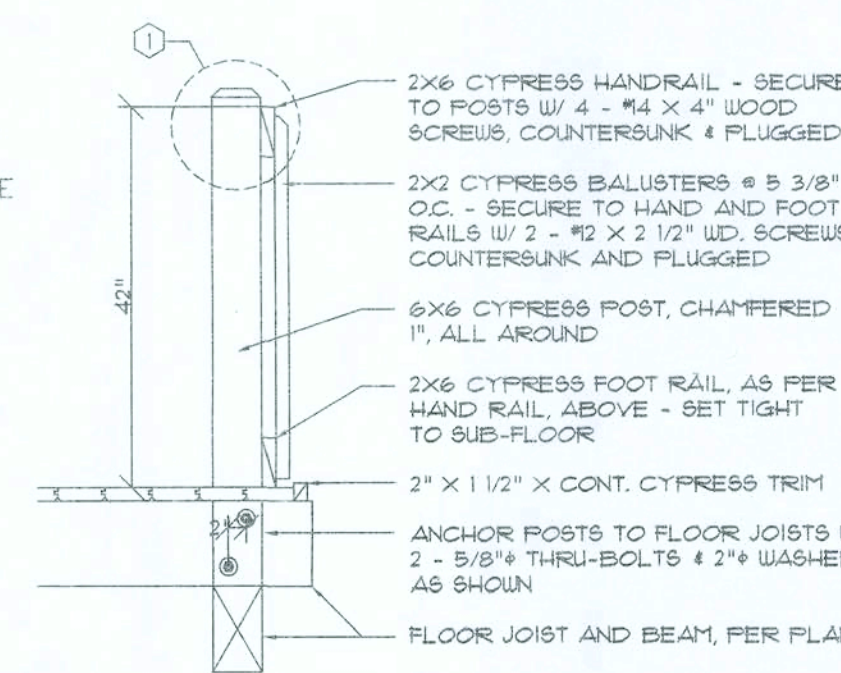
Use all specified fasteners. 12-10d x 1 1/2" nails.

Simpson Strong-Tie SP2

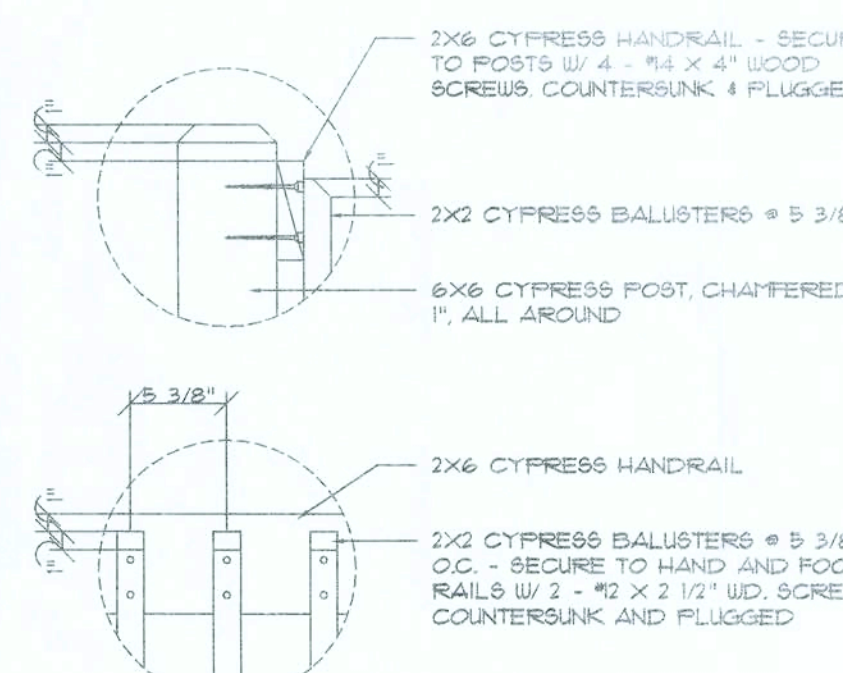
NOTE: ALL 'SIMPSON' OR 'USP' HANGERS OR CONNECTORS SHALL BE SUBSTITUTED WITH EQUIVALENT OR BETTER HANGERS & CONNECTORS.



Interior Railing ELEV. DETAIL K
SCALE: N.T.S.



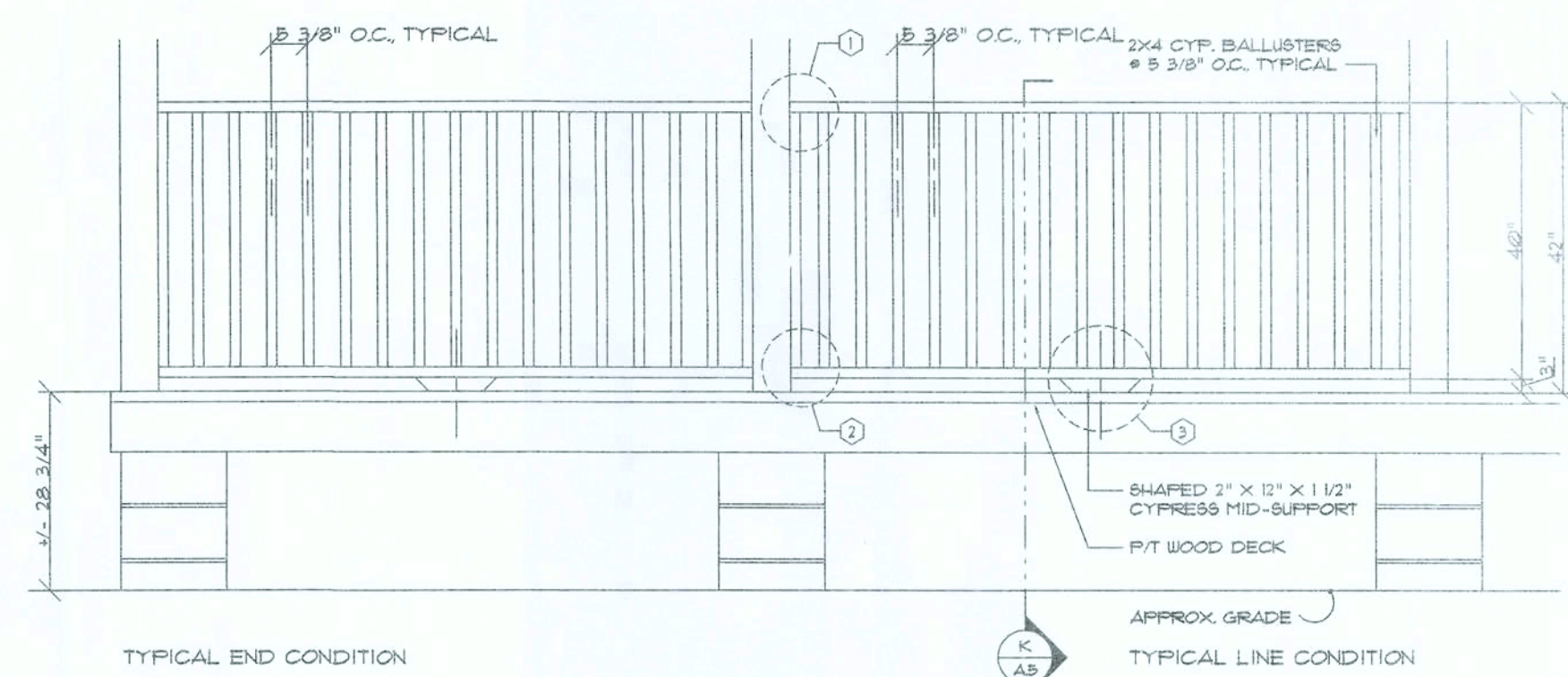
Interior Railing SEC. DETAIL L
SCALE: N.T.S.



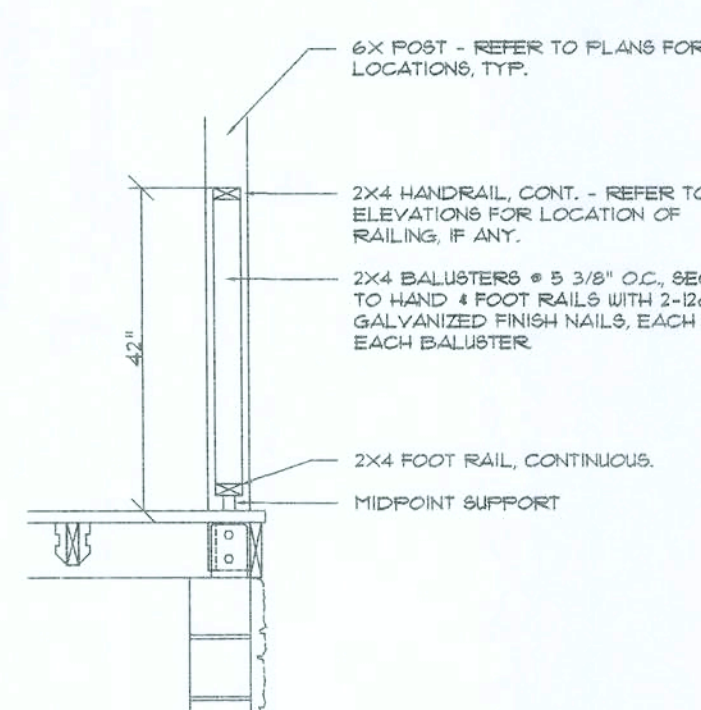
Interior Railing DET. DETAIL M
SCALE: N.T.S.

GENERAL RAILING NOTES:

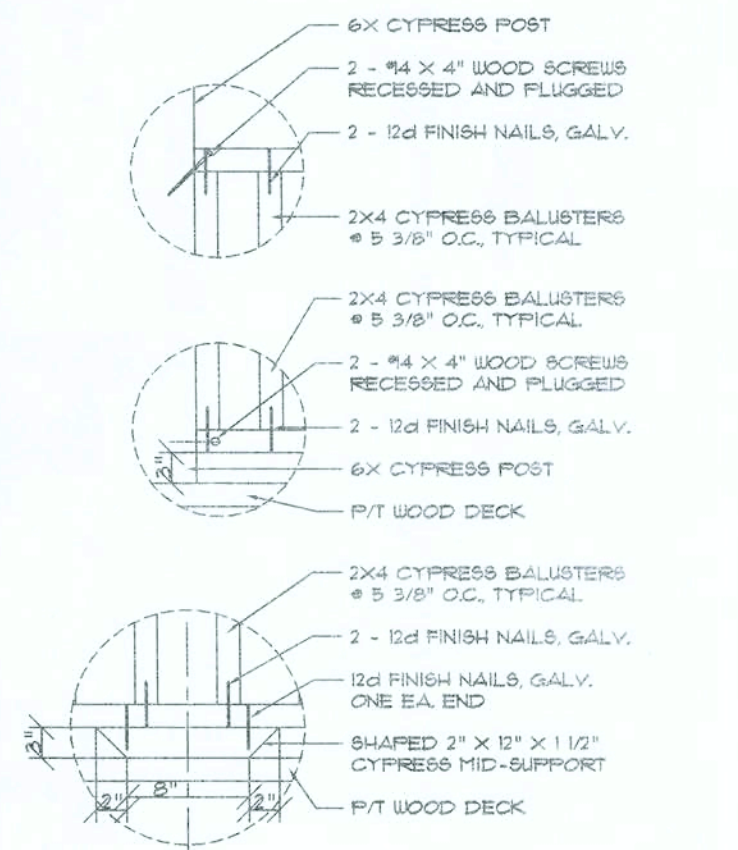
- ALL LUMBER SHALL BE SOUTHERN BALD CYPRESS (RED OR YELLOW), GRADE 2 OR BETTER.
- FASTENERS SHALL BE AS FOLLOWS:
#12 GALVANIZED FINISH NAILS
#4 X 4" CAD. PLATED WOOD SCREWS
#2 X 3" CAD. PLATED WOOD SCREWS
#2 X 2 1/2" CAD. PLATED WOOD SCREWS
5/8" THRU-BOLTS W/ 2" WASHERS
REFER TO DETAILS FOR APPLICATION.
- 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.



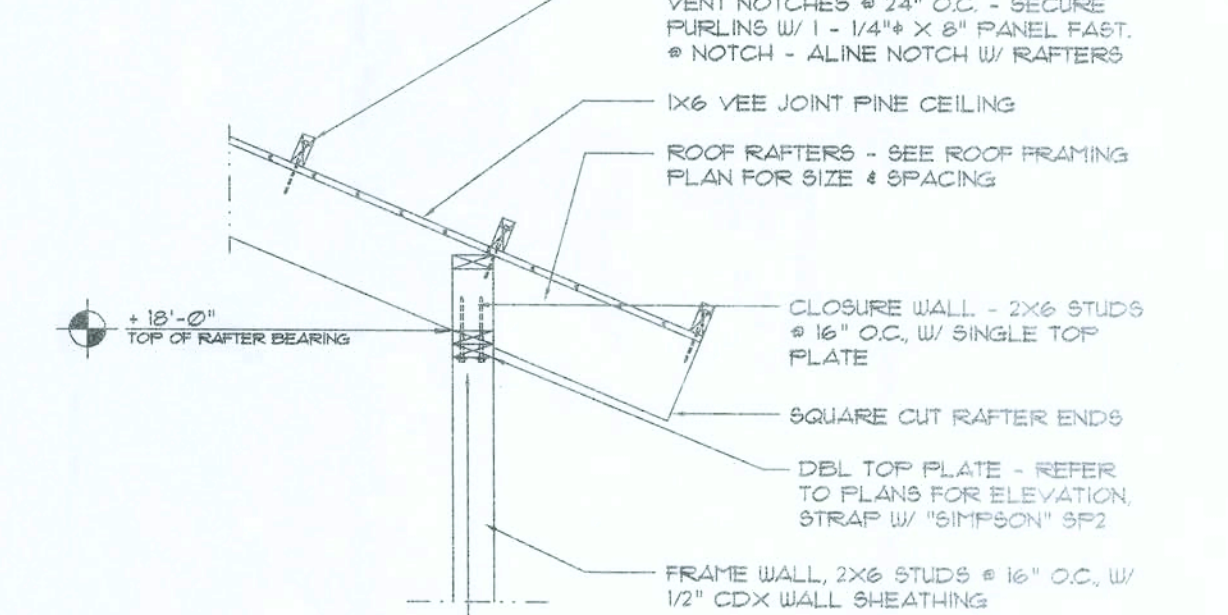
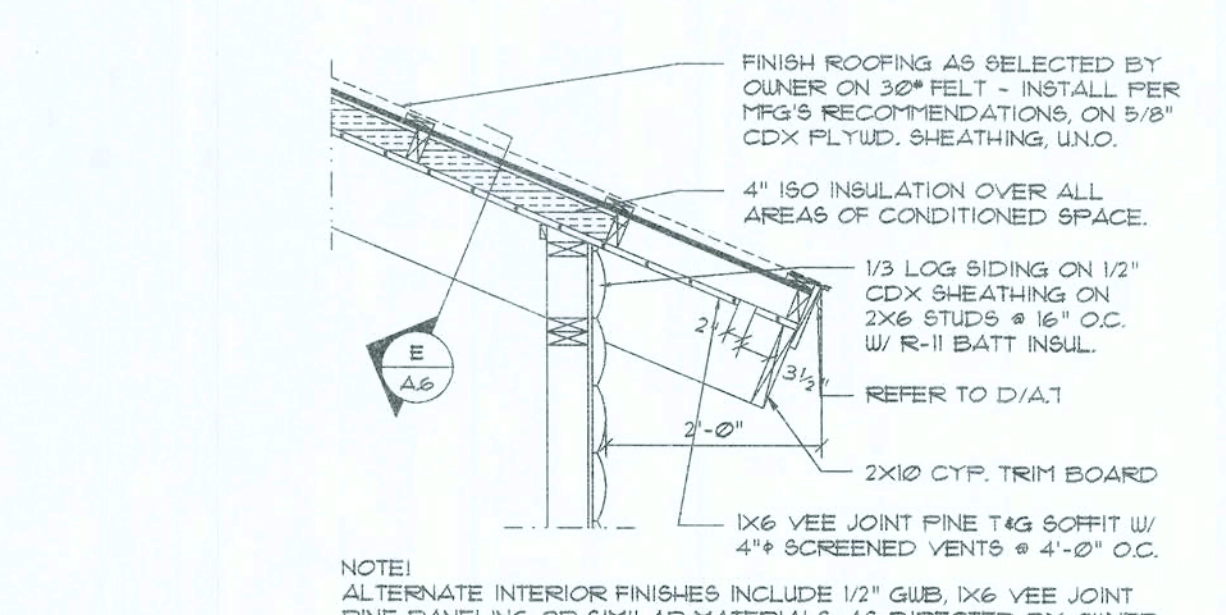
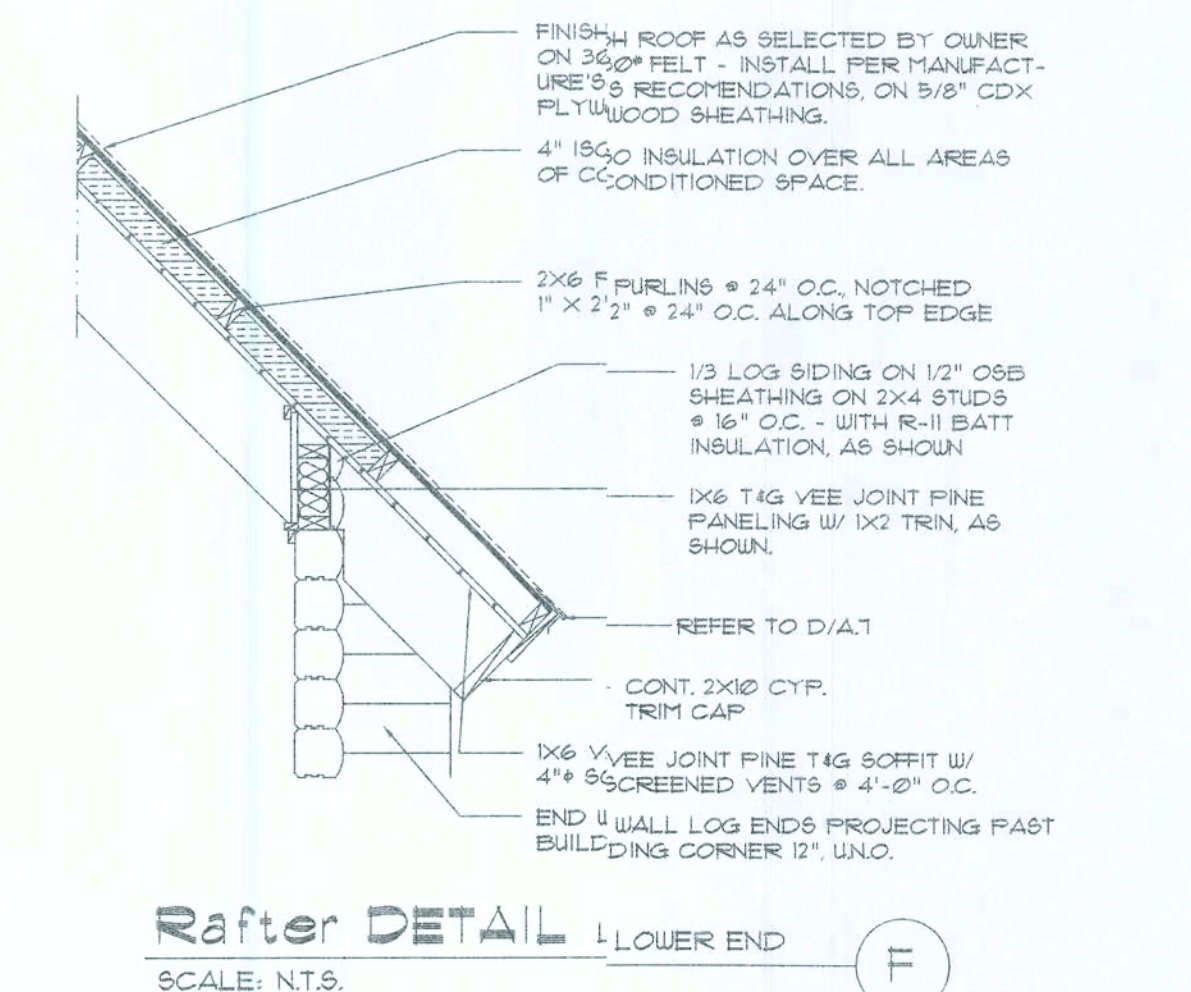
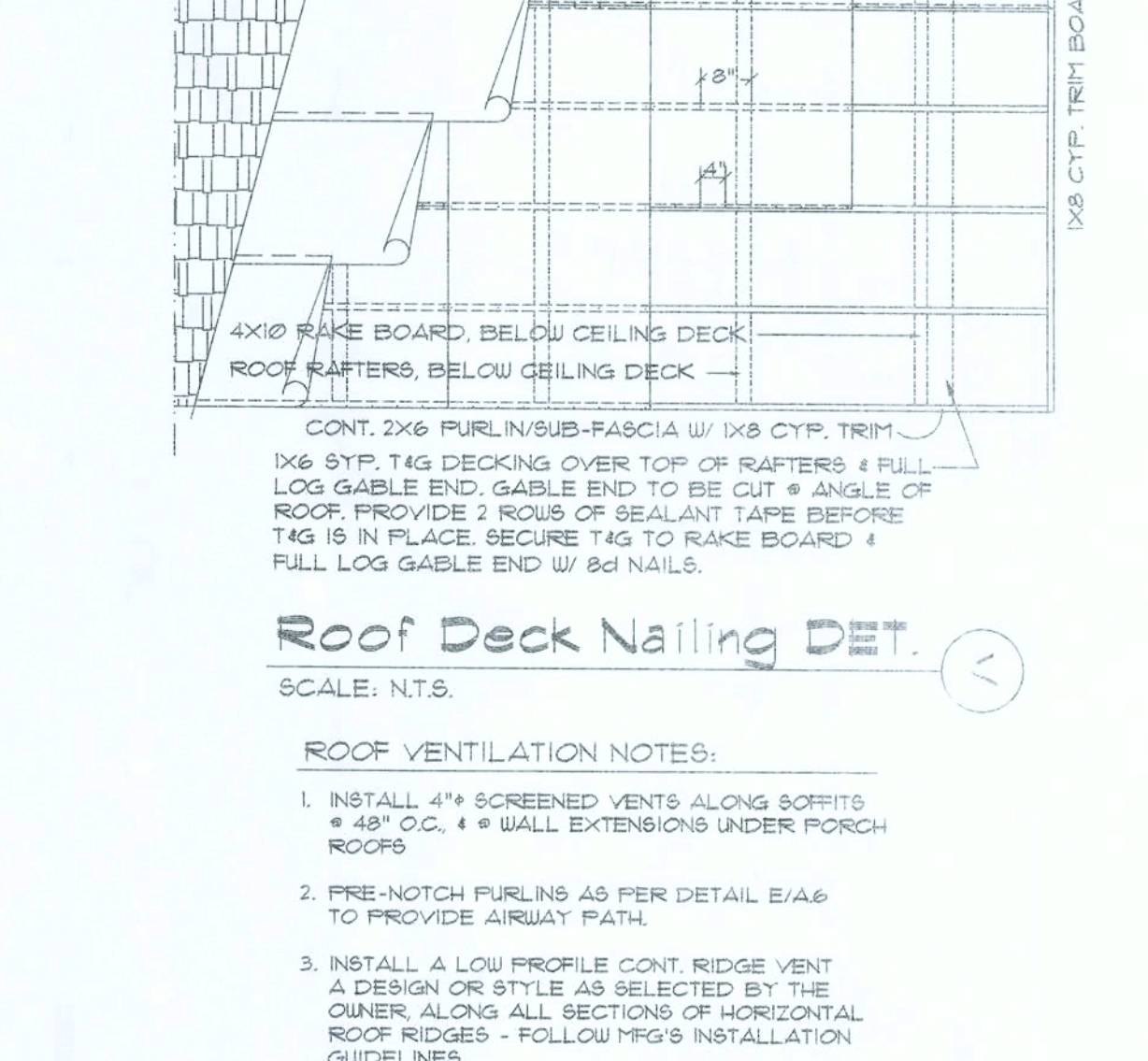
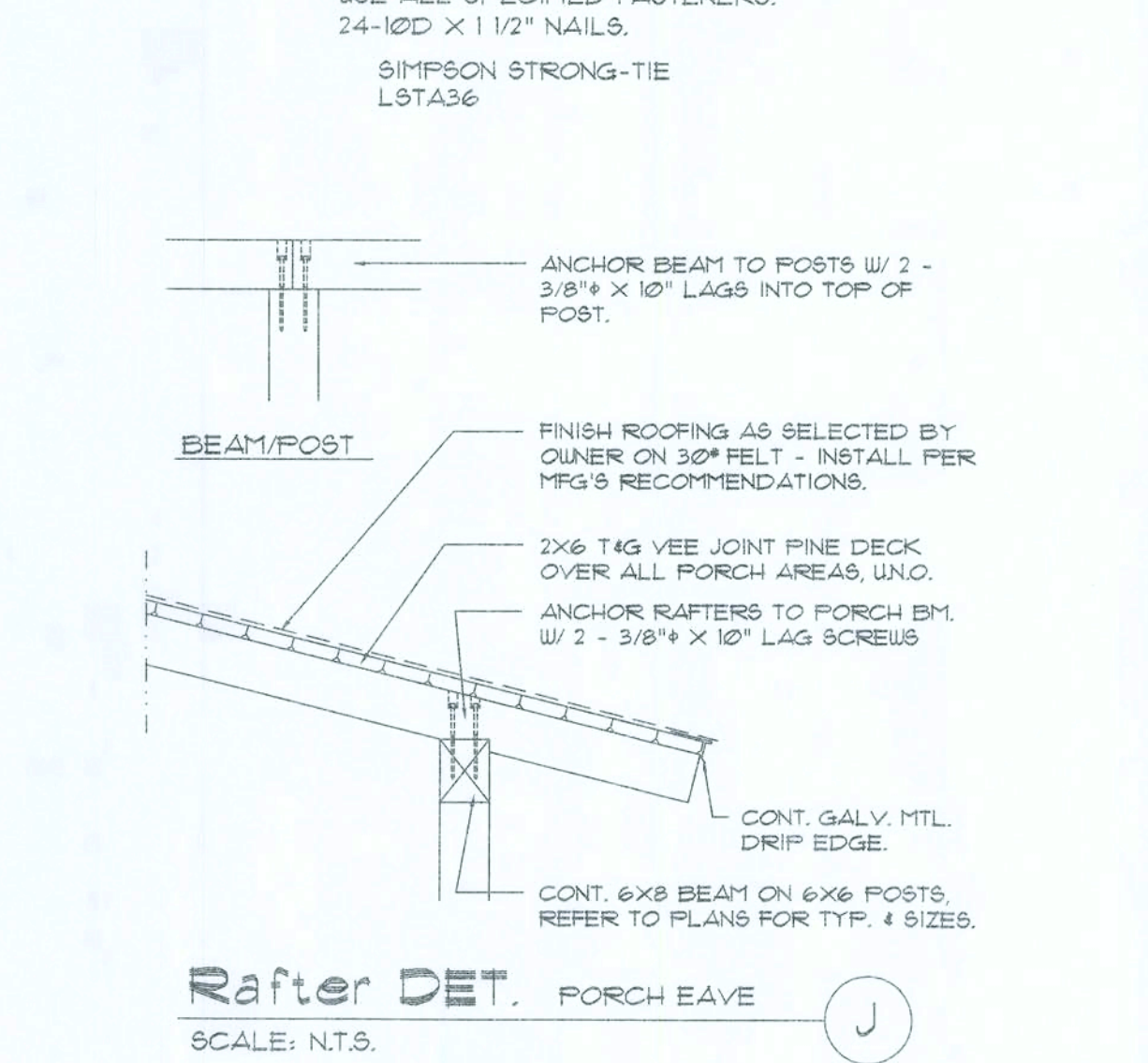
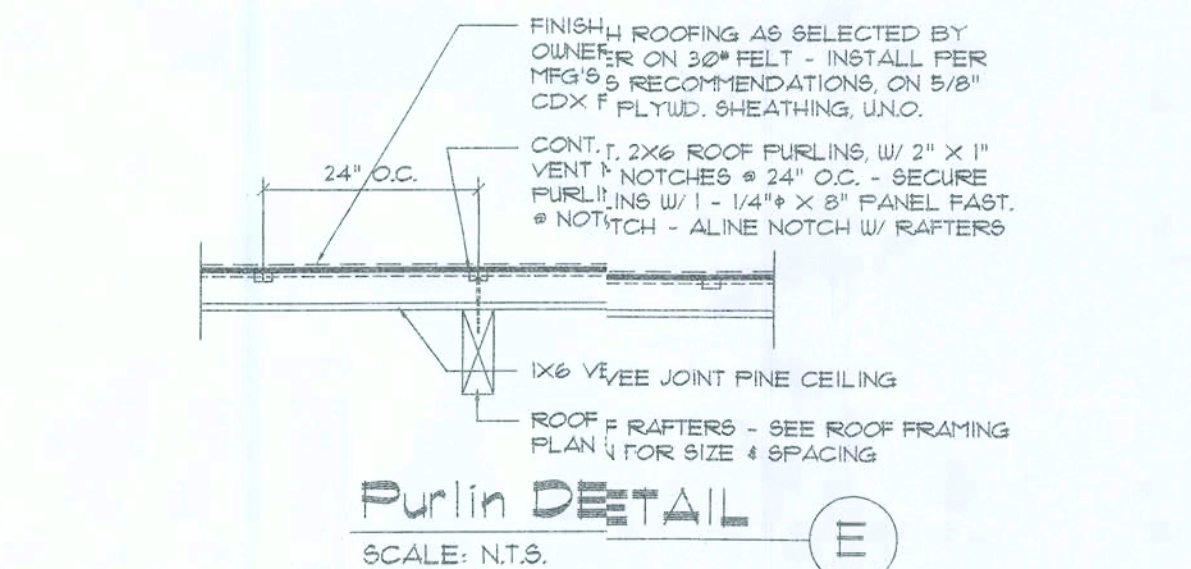
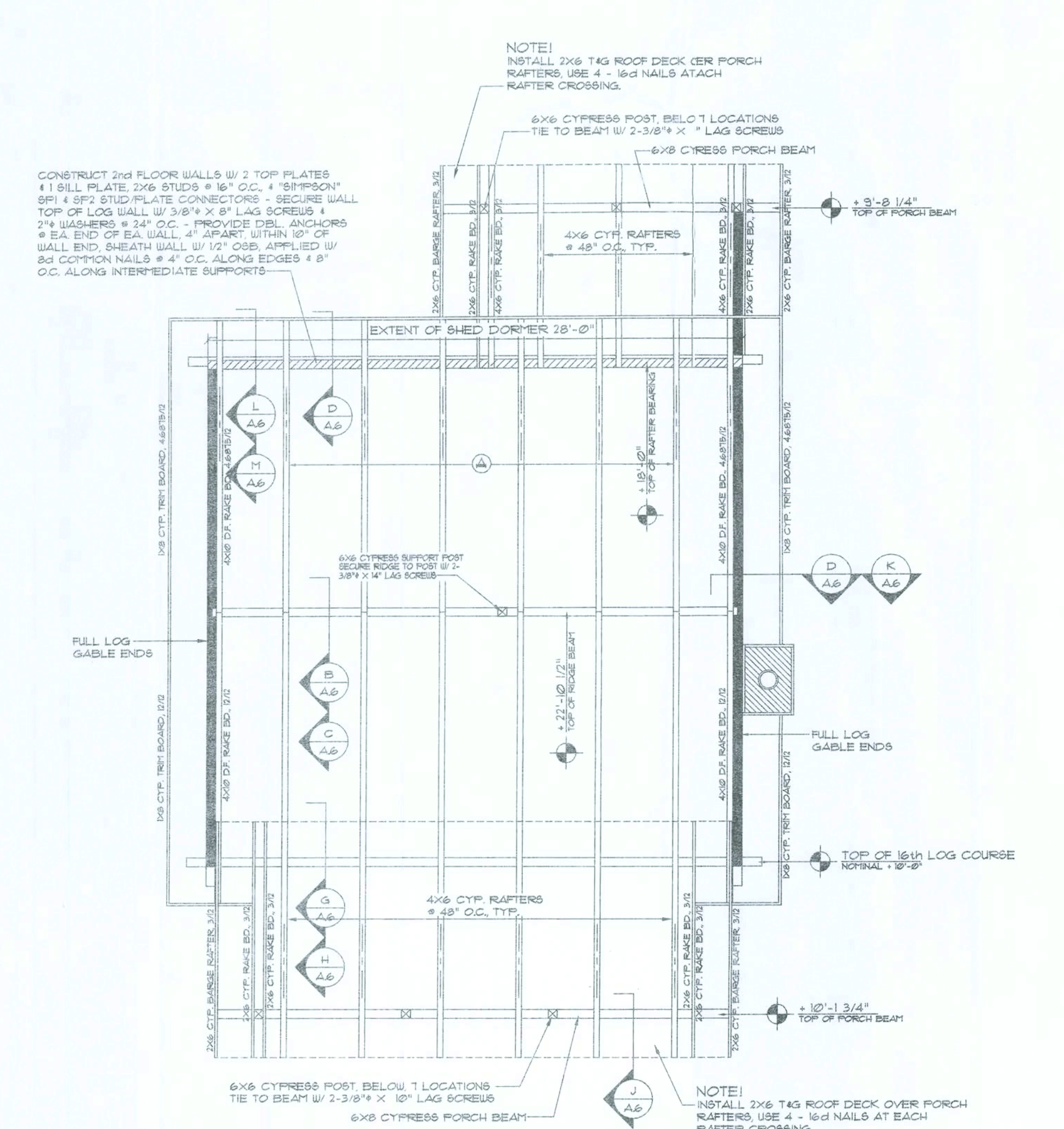
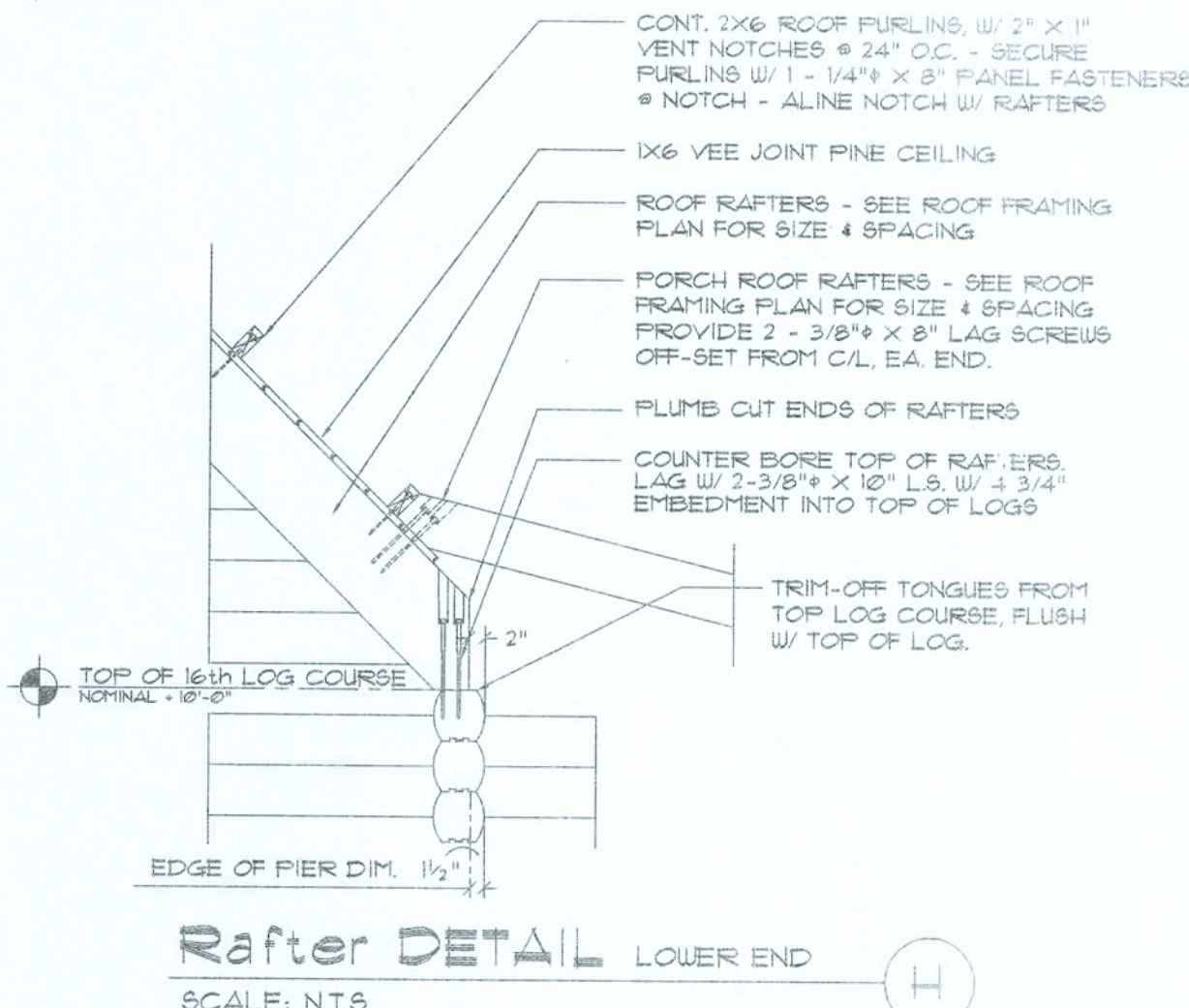
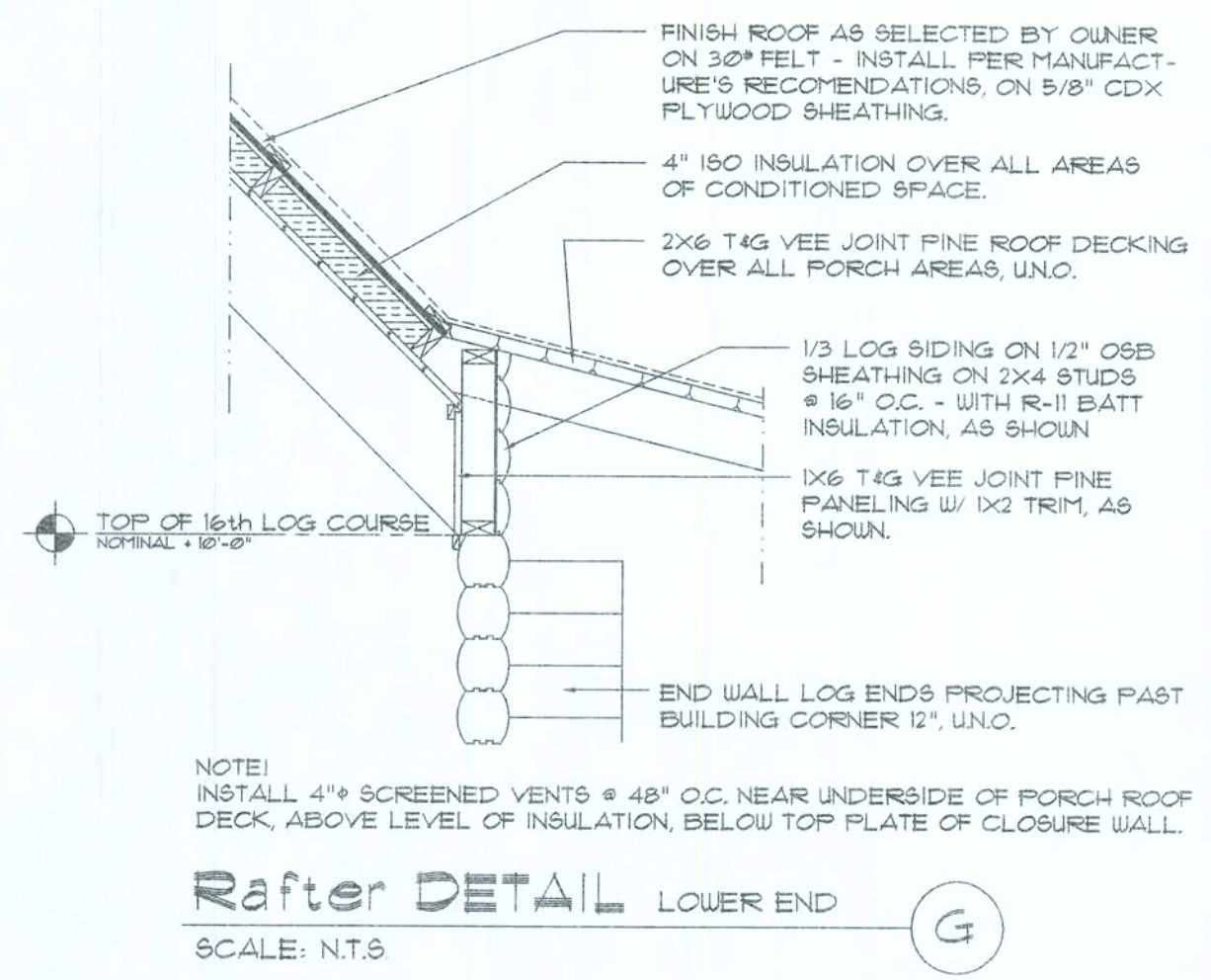
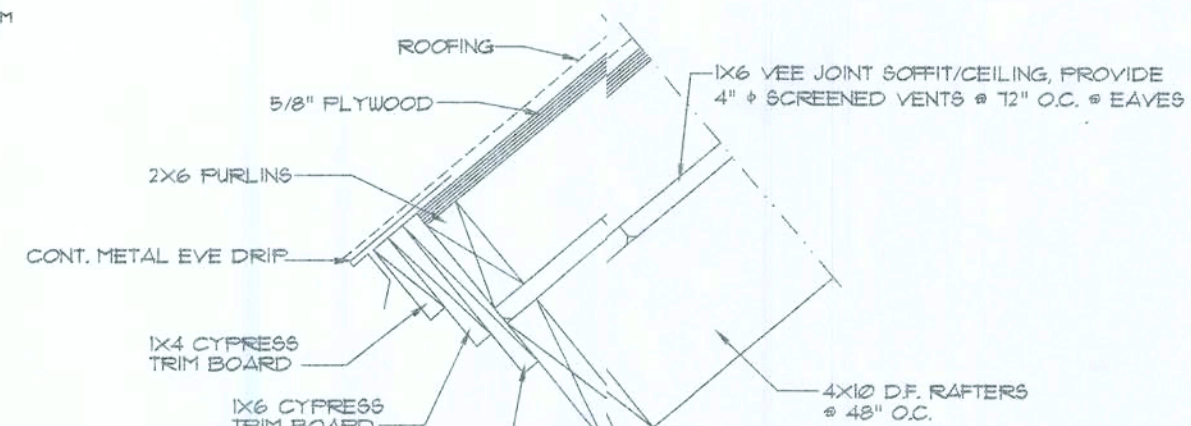
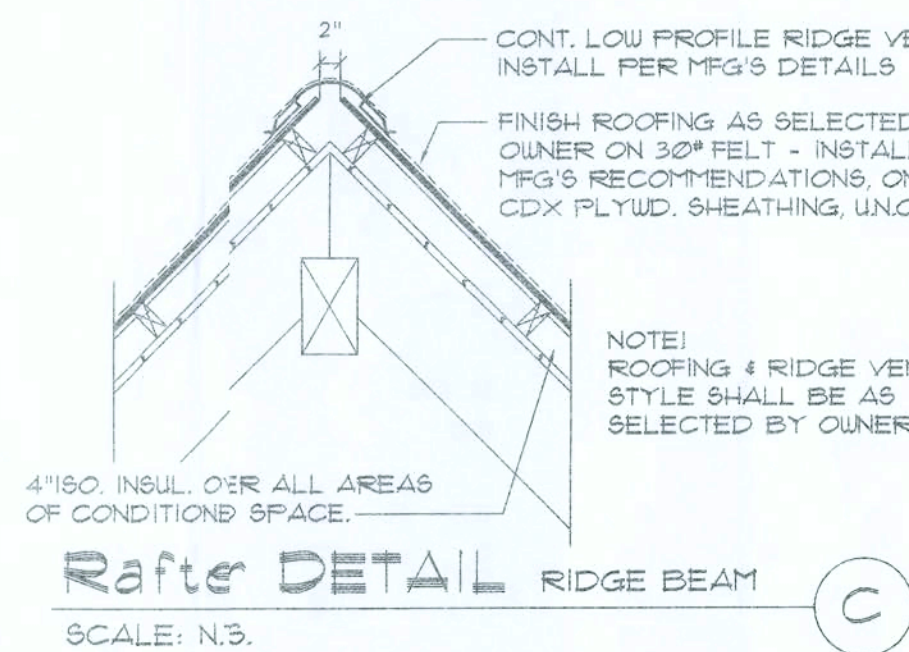
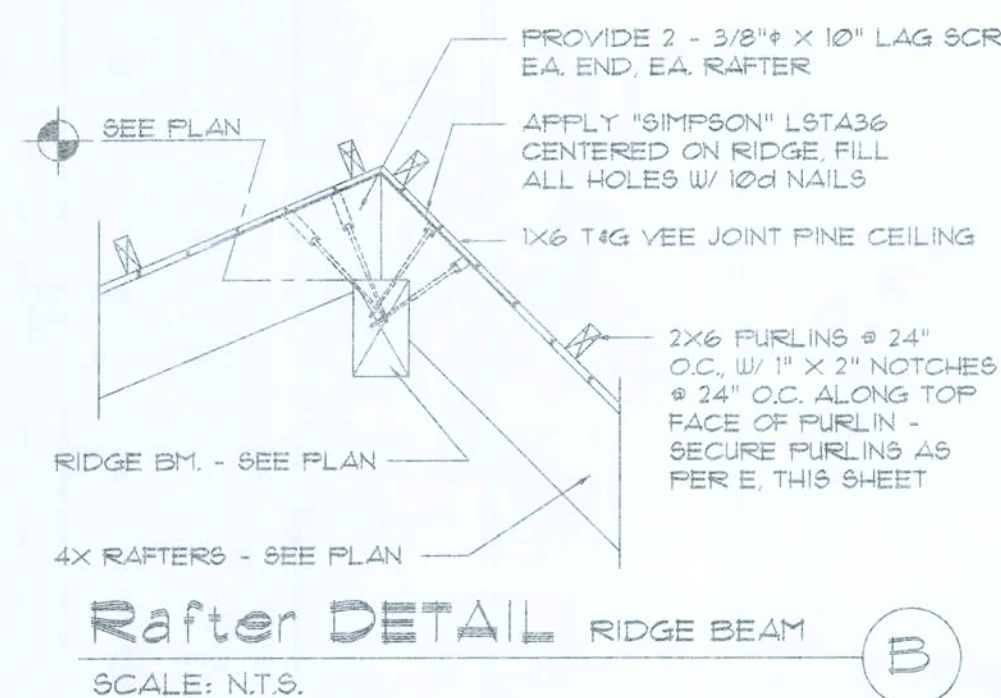
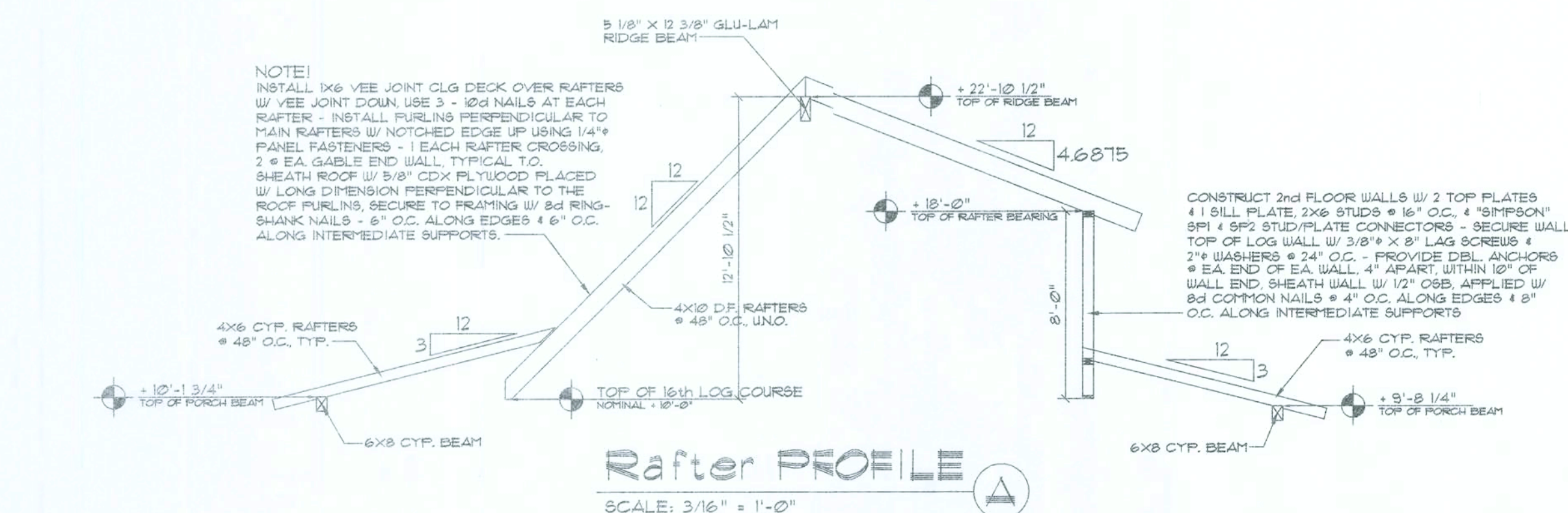
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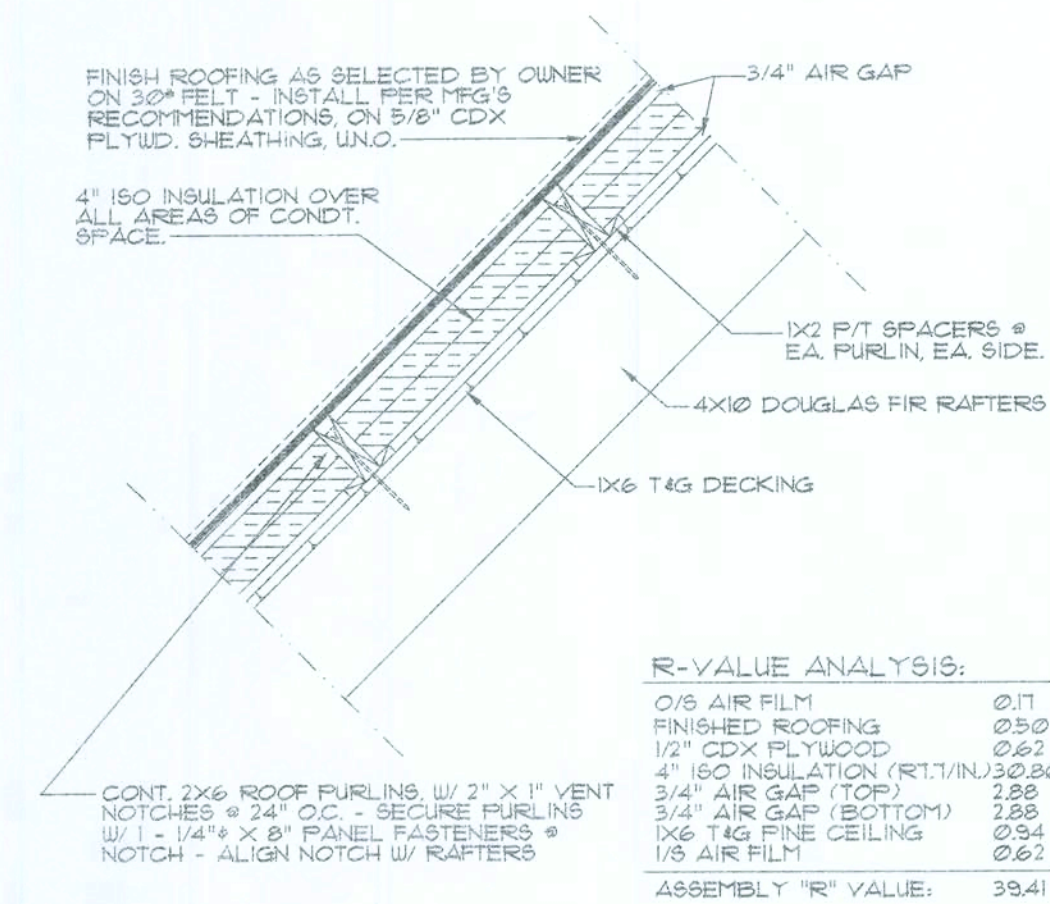


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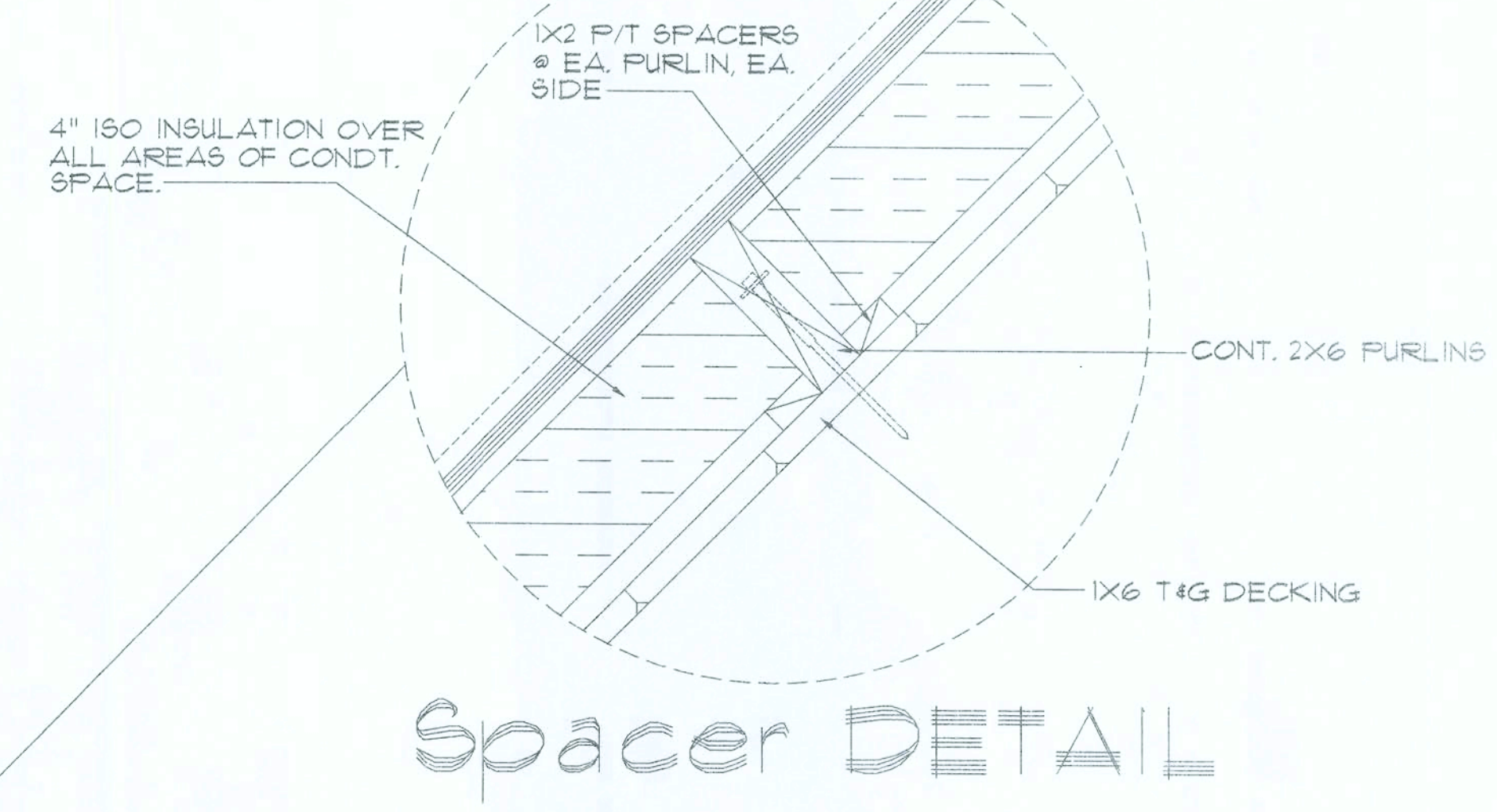


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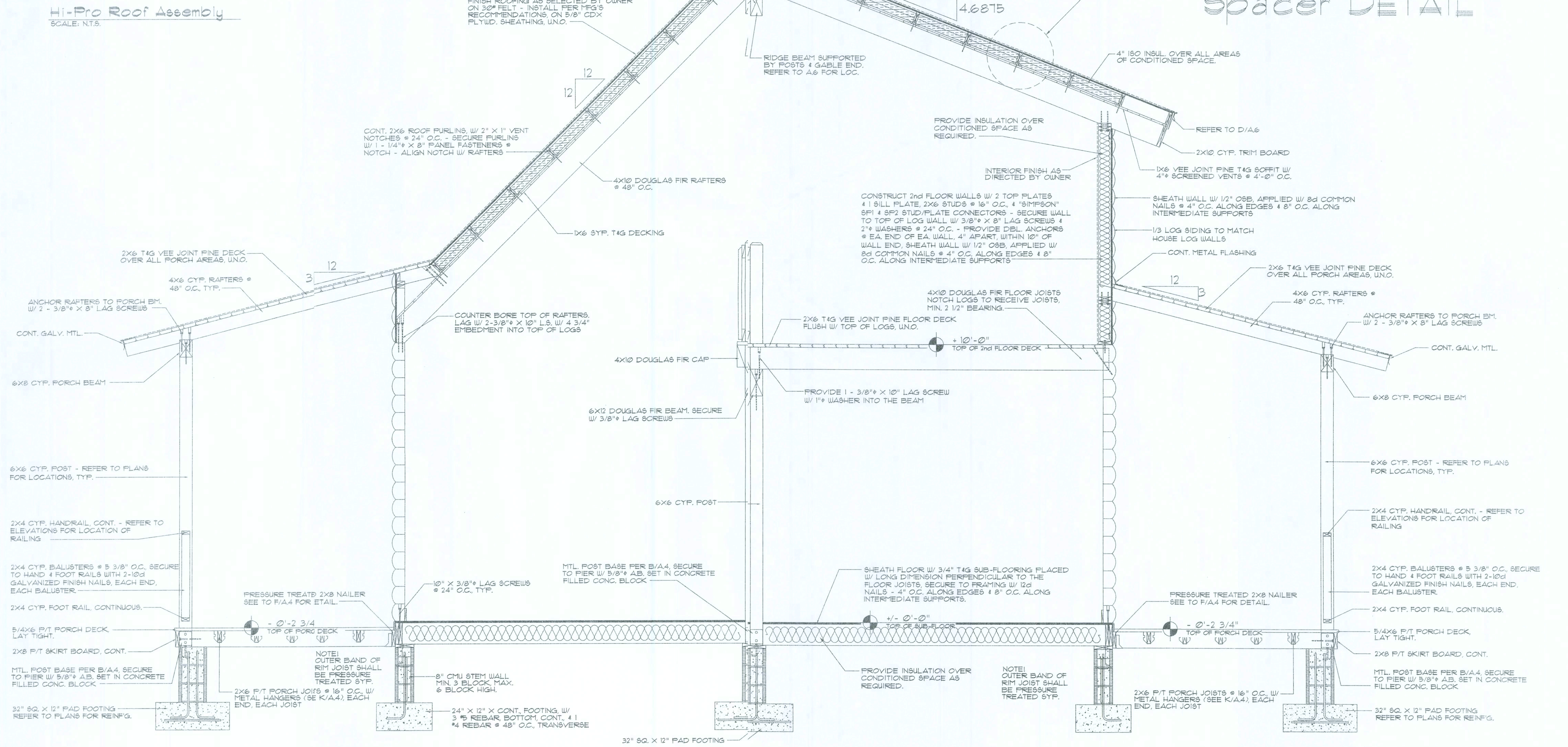




Hi-Pro Roof Assembly
SCALE: N.T.S.



Spacer Detail



Building SECTIONAL
SCALE: N.T.S.

SUWANNEE RIVER LOG HOMES, INC.
Manufacturers
Specializing in Custom & Cedar Custom Homes
4345 HIGHWAY 90, WELLSBORO, FLORIDA 32094
386-9631/386-9641 / 1800-362-0365/3641

Gary J. Gill, P.E. #51942
P.O. Box 157
130 West Howard Street
Live Oak FL 32064
Phone: (386) 382-3878
Fax: (386) 382-8133
Auth. # 9461

A Custom Log Home For:
SCOTT CASE
COLUMBIA CO., FL

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PROJECT INFORMATION

IMPORTANT!

THE INFORMATION LISTED HERE IS ESSENTIAL AND MUST BE READ CAREFULLY PRIOR TO THE CONSTRUCTION OF YOUR SUWANNEE RIVER LOG HOME.

SRLH, INC. PLANS ARE DESIGNED BASED ON THESE LUMBER GRADING SPECIFICATIONS.

LOG WALLS: YELLOW CYPRRESS

DIMENSIONAL LUMBER: FLOOR FRAMING, WALL FRAMING, BEAMS & GIRDERS SHALL BE #2 SOUTHERN YELLOW PINE & BETTER OR #2 HEM-FIR & BETTER

DIMENSIONAL LUMBER: EXPOSED BEAMS, GIRDERS, RAFTERS & JOISTS, POSTS, TRIM & CASINGS SHALL BE #2 YELLOW PINE RED & YELLOW CYPRRESS OR WESTERN RED CEDAR

PORCH & DECK FRAMING: #2 PRESSURE TREATED SOUTHERN YELLOW PINE

MANUFACTURED LUMBER: SHALL BE GLU-LAM BEAMS OR 20E LVL.

DESIGN VALUES/LOADS & CODES

WIND DESIGN SPEED: 110 MPH

SOIL DESIGN STATEMENT:

FOOTING DESIGN IS BASED UPON 2000PSF SOIL BEARING PRESSURE PROVIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS (e.g. CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS) SHALL BE REPORTED TO YOUR SALES REPRESENTATIVE PRIOR TO CONSTRUCTION.

LIVE LOADS: 1st FLOOR: 40PSF, 2nd FLOOR: 30PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: SOUTHERN STANDARD BUILDING CODE CONGRESS INTERNATIONAL - LATEST

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST

LIFE SAFETY: NFPA-101 - LATEST

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO YOUR SALES REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

AS - BUILT DRAWING REQUIREMENTS:

A. ELECTRICAL "AS-BUILT" DRAWINGS

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N., DESCRIPTION & BREAK 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.

B. H.V.A.C. "AS-BUILT" DRAWINGS

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-BLT. DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

C. PLUMBING "AS-BUILT" DRAWINGS

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

WOOD / LOG STRUCTURAL NOTES:

1. ALL HORIZONTAL LUMBER FRAMING 2" THICK OR LESS, SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

INTERIOR: SOUTHERN YELLOW PINE N-2 OR BETTER

EXTERIOR: PRESSURE TREATED S.Y.P. N-2 OR BETTER

ALL HORIZONTAL LUMBER FRAMING 3" THICK OR GREATER SHALL BE SOUTHERN BALD/CYPRESS N-2 OR BETTER OR WESTERN RED CEDAR, N-2 OR BETTER, UNLESS NOTED OTHERWISE - REFER TO PURCHASE AGREEMENT FOR SPECIES AND PLANS FOR "MACHINE STRESS GRADE" REQUIREMENTS, IF ANY.

2. SECOND LOG COURSE SHALL BE ANCHORED TO THE FIRST COURSE W/ 3/8" LAG SCREWS (8" LONG FOR 6" LOGS, 10" LONG FOR 8" LOGS) @ 24" O.C. - SUBSEQUENT WALL LOGS SHALL BE ANCHORED IN A LIKE MANNER TO PRECEDING LOGS - LOG STYLE, SIZE AND SPECIES SHALL BE AS PER THE PURCHASE AGREEMENT.

3. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".

4. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".

5. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N-2 HEM-FIR OR BETTER.

6. CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS. FOR OTHER CONDITIONS, REFER TO SRLH FOR RECOMMENDATION.

SAFETY PRECAUTIONS

SMOKE DETECTOR REQUIREMENTS

SMOKE DETECTORS (SUPPLIED BY OTHERS) MUST BE INSTALLED ADJACENT TO THE BEDROOM AREAS AND MUST BE INSTALLED ON EACH STORY OF THE HOME INCLUDING BASEMENTS. SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING, AND BE PERMANENTLY WIRED (THOUT DISCONNECTING SWITCHES. SMOKE DETECTORS TO BE AN APPROVED TYPE IN ACCORDANCE WITH THE 66BCCI BUILDING CODE AND NEC-LATEST.

CHANGES TO FINAL PLAN SETS

LEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH SUWANNEE RIVER LOG HOMES, INC. SRLH WILL NOT ASSUME ANY LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

HARDWARE RETIGHTENING REQUIREMENTS

ALL LAG SCREW AND BOLT CONNECTIONS ON COMPOUND BEAMS, POSTS, (R)DERS, TIMBER TRUSSES AND OTHER STRUCTURAL MEMBERS TO BE SPECTED PERIODICALLY AND RETIGHTENED AS NECESSARY.

ORGANIC ARSENICAL PRESSURE TREATED WOOD

HOME FRAMING MATERIALS SUPPLIED WITH YOUR SRLH MATERIALS PACKAGE (CH AS 2X8 SILL, PORCH FRAMING & DECKING ARE PRESSURE TREATED. EACH PIECE IS CLEARLY MARKED FOR EASY IDENTIFICATION AND IS FULLY GREENISH IN COLOR.

THIS WOOD HAS BEEN PRESERVED BY PRESSURE-TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOOD MAY RESENT CERTAIN HAZARDS; THEREFORE, PRECAUTIONS SHOULD BE TAKEN DTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

FOR FURTHER INFORMATION ON THE USE OF AND DISPOSAL OF INORGANIC ARSENIC PRESSURE TREATED WOOD, PLEASE REFER TO THE EPA MATERIAL SAFETY SHEET DEALING WITH THIS PRODUCT.

SUGGESTED TOOL LIST

BASIC TOOLS	
ITEM	QTY.
AW HORSE	2
14" SKILL SAW	1
1 WAY ELECTRICAL GANG BOX	4
5' TAPE MEASURE	1
20' TAPE MEASURE	1
CARPENTER'S RULE	1
CONSTRUCTION CRAYONS: RED & BLUE	2 EACH
MARKLINE: RED & BLUE	1 EACH
8" FRAMING LEVEL	1
NE LEVEL	1
LUMBER BOB	1
2 OZ. FRAMING HAMMER	1
CARPENTER'S FRAMING SQUARE	1
N SNIPS, LEFT & RIGHT	1 EACH
TILTY KNIFE	1
QUICKER-SETTED FASTENER SYSTEM	1 (OPTIONAL)
400W ELECTRICAL GENERATOR	1 (OPTIONAL)
NEUMATIC NAIL GUN	1 (OPTIONAL)
PORTABLE AIR COMPRESSOR	1 (OPTIONAL)

SPECIALTY TOOLS for Logs & Timbers	
ITEM	QTY.
1" MAKITA SAW	1
1/4" OR WIDER WOOD CHISEL	1
2" ELECTRIC IMPACT DRIVER	2
1/6" DEEP WELL SOCKET	2
2" DRILL MOTOR	2
4" DRILL MOTOR	2
MALL WIRE BROOM	3
1" SPEED SQUARE	1
ECIFROCATING SAW	1
16 LB. SLEDGE HAMMER	1
1 LB. HAMMER	1
4"-30" CROW BAR	1
1 SQ. NOSE TROUPEL (Chirk Style Logs only)	1
AND PUMP PORTABLE GARDEN SPRAYER	1 (OPTIONAL)
AS POWERED CHAINSAW	1 (OPTIONAL)
PLIT RING GROOVE CUTTER	1 (SEE PLANS)

NOTES:

HIS LIST IS NOT ALL INCLUSIVE, BUT REPRESENTS THE MOST COMMONLY REQUIRED TOOLS FOR A TYPICAL LOG STRUCTURE. JOB CONDITIONS MAY REQUIRE VARIOUS OTHER TOOLS TO BE EMPLOYED.

GENERAL FINISHING NOTES:

1. PRESS LOGS AND LUMBER IS HIGH IN MOISTURE CONTENT WHEN IT ARRIVES AT THE CONSTRUCTION SITE, THIS DURING THE COURSE OF THE CONSTRUCTION A PRONOUNCED DARKENING OF THE WOOD WILL OCCUR FOLLOWING THE DRY-IN-IN OF THE STRUCTURE AN APPLICATION OF BLEACH WILL REMOVE THIS DISCOLORATION.

2. ROCEED WITH MIXING STANDARD HOUSEHOLD BLEACH W/ AN EQUAL AMOUNT OF WATER. APPLY WITH A PUMP STYLE GARDEN SPRAYER, BEGINNING AT THE LOWEST LEVEL & WORKING UPWARD. COVER ALL PORTIONS OF THE WOOD WITH THE BLEACH/WATER MIXTURE UNTIL IT IS FREELY FLOWING OVER THE SURFACE OF THE WOOD.

3. FOLLOWING APPLICATION OF THE BLEACH/WATER MIXTURE, ALLOW THE BTIRE STRUCTURE TO DRY-OUT BEFORE PROCEEDING W/ OTHER WORK.

GENERAL NAILING SCHEDULE:

NUMBER OF NAILS FOR CONNECTION	COMMON NAILS	Nr. / SPACING
BRIDGING TO JOIST TO BE NAIL	16d	2 EA. END
2" SUBFL. FLOOR TO JOIST	16d	2
BLIND & FACE NAILING	16d	16" O.C.
SOLE PLATE TO JOIST OR BLOCKING	16d	2
FACE NAILED	16d	16" O.C.
TOP OR SOLE PLATE TO STUD	16d	2
END NAILED	16d	2
STUD TO SOLE PLATE, TOE NAILED	8d	3 OR 2 16d
DOUBLE STUDS, FACE NAILED	16d	24" O.C.
DOUBLE TOP PLATES, 1 FACE NAILED	16d	16" O.C.
TOP PLATES - LAPS & INTERSECTIONS	16d	16" O.C.
FACE NAILED	16d	2
1 X 6 SHEATHING TO EACH POINT OF BEARING, FACE NAILED	8d	2
BUILT-UP CORNER STUDS, FACE NAILED	16d	30" O.C.
BUILT-UP GIRDERS & BEAMS	20d	32" O.C. @ TOP & BOTTOM
		4 STAGGERED -
		2 @ EA. END
		4 @ SPLICES
3/4" PLYWOOD SUBFL. FLOORING	8d	6" O.C. @ EDGES
		10" O.C. @ INTERMEDIATE
OSB SHEATHING, 1/16" THICK	8d	6" O.C. @ EDGES
		10" O.C. @ INTERMEDIATE
1/8" FIBERBOARD SHEATHING	6d	3" O.C. @ EDGES
		6" O.C. @ INTERMEDIATE

A. NAILS, BOLTS AND OTHER METAL CONNECTORS WHICH ARE USED IN LOCATIONS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR OTHERWISE CORROSION RESISTANT.

B. IN GENERAL, NAILS SHALL PENETRATE THE SECOND MEMBER A DISTANCE EQUAL TO THE THICKNESS OF THE MEMBER BEING NAILED THERETO, OR GREATER.

C. THERE SHALL BE NOT LESS THAN 2 NAILS PER CONNECTION.

D. GLUING SHALL NOT BE CONSIDERED AN ACCEPTABLE CONNECTOR IN LIEU OF THOSE SPECIFIED HEREIN.

E. FORMED METAL CONNECTORS, AS PER THE SCHEDULE HEREIN, SHALL HAVE THE NUMBERS OF NAILS INSTALLED AS REQUIRED BY THE MANUFACTURER, OR AS DIRECTED BY THE PLANS.

F. NAILS PROJECTING BEYOND THE LAST WOOD MEMBER SHALL BE CLINCHED, WHERE EVER POSSIBLE.

G. NOTES IN THE "PLANS" PACKAGE OF THE CONSTRUCTION DOCUMENTS SUPERSEDE SIZES & SPACINGS OF NAILS CONTAINED HEREIN.

WINDOW INSTALLATION GUIDELINES:

1. REFER TO THE DETAILS ON SHEET A-6 FOR ROUGH OPENING SUB-BUCK, REQUIREMENTS AND SQUARING. ALL ROUGH OPENINGS SHALL BE SQUARE, PLUMB AND TRUE TO PLANE AND SIZE REQUIREMENTS.

2. ALL GAPS BETWEEN THE SUB-BUCKS (JAMBS, HEADS & SILLS) & THE WALL LOGS SHALL BE SEALED WITH CAULK AND/OR FOAM INSULATION. ANCHOR THE SUB-BUCKS TO THE LOG WALL WITH 2 - 3/8" X 8" LAG SCREWS AND 1" WASHERS INTO UPPER 2 LOG COURSES AND LOWER 2 LOG COURSES (EA. SIDE OF THE WINDOW) OPENING (8 LAGS TOTAL). WHERE DBL. BUCKS ARE REQUIRED, USE 3 LAGS SCREWS AT TOP & BOTTOM OF THE JAMBS (12 LAGS TOTAL).

3. RECESS THE HEADS OF THE JAMB LAGS 3/8", MIN, TO BE FLUSH W/ THE FACE OF THE SUB-BUCK.

4. PLACE WINDOW UNIT IN ROUGH OPENING AND SHIM AS REQUIRED FOR A LEVEL PLACEMENT. CENTER THE UNIT IN THE ROUGH OPENING & WEDGE IT INTO PLACE USING TAPESTRAP CEDAR SHIMS. FIX WINDOW IN OPENING USING 10d FINISHING NAILS, INSTALLED IN INCONSPICUOUS LOCATIONS, NOTE: POSITION METAL WINDOW UNIT IN THE CENTER OF THE RO. & LEVEL.

5. SECURE THE WINDOW UNIT IN PLACE W/ #12 X 2 1/2" WOOD SCREWS @ 12" O.C. AT EA. JAMB & ALONG THE HEAD - PLACE SCREWS WITHIN 4" OF EA. CORNER - INSTALLED IN INCONSPICUOUS LOCATIONS.

NOTE:

SECURE METAL WINDOWS TO THE SUB-BUCK WITH 10d GALV. SPIRAL NAILS AT 8" O.C. ALL AROUND, & WITHIN 4" OF CORNERS.

6. INSTALL THE EXTERIOR TRIM BY NAILING TO THE SUB-BUCK, USING THE 10d SPIRAL GALV. SPODING NAILS. FILL ALL GAPS BETWEEN THE TRIM AND THE WALL LOGS AT THE JAMBS WITH FOAM INSULATION.

7. INSTALL METAL FLASHING OVER THE HEADS OF ALL WINDOWS (& DOORS) EXPOSED TO THE WEATHER, PARTICULARLY ON GABLE END WALLS. CUT A SAW KERF INTO THE WALL LOGS, 1" DEEP. PRESS IN THE METAL FLASHING AND CAULK IN PLACE.

8. INSTALL THE INTERIOR TRIM BY NAILING TO THE SUB-BUCK, USING THE 10d FINISH NAILS. SETT NAIL HEADS AND FILL HOLES W/ COLOR MATCHED WOOD FILLER, OR AS DIRECTED BY THE OWNER.

9. TAKE PRECAUTIONARY MEASURES PRIOR TO MIXING & APPLYING THE BLEACH/WATER SOLUTION: BY WEARING PROTECTIVE EYEWEAR, RUBBER GLOVES AND PLASTIC OR RUBBER OUTER CLOTHING TO MINIMIZE EXPOSURE TO THE BLEACH. OPEN ALL DOORS AND WINDOWS, AND IN THE ABSENCE OF WIND, USE FANS TO PROMOTE VENTILATION OF THE WORK AREA. DO NOT APPLY ANY ACID OR ACIDIC SOLUTIONS TO THE WET BLEACHED WOOD AS DEADLY CHLORINE GAS WILL BE GENERATED. READ ALL PRECAUTIONARY LABELS ON THE BLEACH CONTAINERS PRIOR TO BEGINNING THIS PHASE OF THE WORK. DO NOT ALLOW UNNECESSARY WORKMEN OR OBSERVERS IN OR ABOUT THE WORK AREA DURING THIS PORTION OF THE WORK.

GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.

2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.

3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.

4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.

5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.

6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.

GENERAL CONSTRUCTION NOTES:

1. FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF RIM JOIST, OR O/S FACE OF LOGS.

2. ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER 66BCCI - LATEST OR LOCAL CODE(S).

3. PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED H.V.A.C. EQUIPMENT WOOD BURNING STOVES, AND FIREPLACES.

4. VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR, AS REQUIRES - REFER TO H.V.A.C. GENERAL NOTES.

5. CONTRACTOR SHALL CALL ATTENTION TO THE OWNER ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATION AND SHALL RECEIVE PROPER INSTRUCTIONS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK IN QUESTION. SEE ALSO GENERAL NOTES N-X / DIA.

6. TRUSS ROOF AND TRUSS FLOOR FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING MEMBERS - REFER ALSO TO STRUCTURAL NOTES X / D-2.

GENERAL FINISHING NOTES CONT.:

5. BLEACHING OPERATIONS, BOTH INTERIOR AND EXTERIOR SHALL BE PERFORMED IN SUCH A WAY AS TO MINIMIZE DAMAGE TO SURROUNDING WORK AND ANY VEGETATION DESIGNATED BY THE OWNER TO BE PROTECTED - VERIFY WITH THE OWNER PRIOR TO COMMENCING WITH THIS PORTION OF THE WORK.

6. EXTERIOR WOOD FINISH IS GENERALLY THE APPLICATION OF A STAINING WOOD PRESERVATIVE, BY BRUSHING OR SPRAYING, OR APPLYING A RAPID WEATHERING OIL WHICH HASTENS THE SILVER APPEARANCE OF OLD WEATHERED WOOD. VERIFY WITH THE OWNER AS TO THE FINAL FINISH DESIRED AND AS TO THE COLOR SELECTION FOR THE STAIN.

7. APPLICATION OF EXTERIOR FINISH/WOOD PRESERVATIVE SHALL BE DONE IN SUCH A MANNER AS TO MINIMIZE DAMAGE TO SURROUNDING, ADJACENT MATERIALS/WORK & VEGETATION, AS IN NOTE 5, ABOVE.

8. ALL INTERIOR PARTITION WALLS SHALL BE FINISHED WITH 1/2" GUEB, UNLESS NOTED OTHERWISE. AT MASONRY WALLS, FURR WITH P/T 1X2 WD. STRIPS OR 3/4" MTL. FURRING CHANNELS AT 16" O.C., AND COVERED WITH 1/2" GUEB, UNO. ALL EXTERIOR CORNERS SHALL HAVE FULL HEIGHT MTL. CORNER BEADS & ALL JOINTS SHALL BE COVERED WITH TAPE AND 2 COATS OF JOINT COMPOUND. ALL WALLS THIS FINISHED SHALL BE SMOOTH & WITHOUT BLEMISH, READY TO RECEIVE FURTHER FINISH TREATMENT AS DIRECTED BY THE OWNER.

9. WHERE INDICATED IN THE PLANS, OR WHERE DIRECTED BY THE OWNER, APPLY 1X6 WOOD PANELING & TRIM WITH TRUE CUTS AND MITERS, IN THE PATTERN AS DIRECTED BY THE OWNER, IE: HORIZONTAL, 45°, VERTICAL OR FOLLOWING A SLOPING PLANE. SCRIBE FIT TRIM TO ALL IRREGULAR SURFACES & SET ALL NAIL HEADS BELOW THE SURFACE OF THE FACE OF THE TRIM, USING A NAILSET.

10. CONTRACTOR SHALL, AT THE COMPLETION OF HIS WORK, REMOVE ALL RUBBISH FROM WITHIN AND ABOUT THE STRUCTURE, ALL HIS TOOLS, EQUIPMENT, SCAFFOLDING & SURPLUS MATERIALS NOT RETAINED BY THE OWNER AND SHALL LEAVE THE STRUCTURE CLEAN, HAVING THOROUGHLY SUPT THE FLOORS, CLEANED THE WINDOWS & GLASS SURFACES, PLUMBING FIXTURES & MILLWORK AND DUSTED ALL FLAT SURFACES BEAMS & RAFTERS & WALL LOGS. STONEWORK SHALL BE CLEANED W/ REMOVAL OF ANY EFFLORESCENCE AND EXCESS MORTAR.

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