MISCELLANEOUS:

UNLESS OTHERWISE NOTED.

TEMPERED GLASS.

- 1. PROVIDE 4" DIA. VENT TO OUTSIDE FROM CLOTHES DRYER. 2. CAULK ALL DOORS, WINDOWS, JOINTS AND AREAS REQUIRED
- TO PROVIDE A WEATHERPROOF SEAL. 3. DRYWALL NAILING SHALL BE IN ACCORDANCE WITH U.B.C. REQUIREMENTS FOR THE TYPES AND THICKNESS BEING USED
- 4. GLASS CLOSER THAN 18" ABOVE ADJACENT WALKING SURFACE SHALL BE FULLY TEMPERED GLASS.
- 5. GLASS CLOSER THAN 24" TO DOORS SHALL BE FULLY
- 6. PROVIDE 5/8" TYPE 'X' GYPSUM BOARD (ONE HOUR FIRE RESISTIVE) ON ALL WALLS COMMON TO RESIDENCE AND GARAGE FROM FINISH FLOOR OF GARAGE TO ROOF SHEATHING OF RESIDENCE.
- 7. DOOR FROM GARAGE TO RESIDENCE TO ONE HOUR RATED 1 3/8" THICK SOLID CORE WITH SELF CLOSING MECHANISM.
- 8. PROVIDE ONE HOUR WALLS AND SOFFIT BENEATH STAIRS.
- 9. PROVIDE 24" MINIMUM CLEAR DISTANCE IN FRONT OF TOILET,
- AND 30" CLEAR MINIMUM WIDTH. 10. IF HEATING EQUIPMENT IS IN ATTIC. ATTIC ACCESS TO BE
- 30" x 30" WITH 30" MINIMUM CLEAR ABOVE OPENING. 11. EXTERIOR SIDING SHALL HAVE A MINIMUM THICKNESS OF 3/8"
- 12. "CHEMICAL TOILET IS REQUIRED ON-SITE DURING CONSTRUCTION." CPC APPENDIX CHAPTER 29.
- 13. AIR DUCTS PENETRATING THE SEPARATION WALL OR CEILING BETWEEN THE GARAGE AND LIVING AREA TO BE 26 GA. MIN, PER UBC 302.4
- 14. DOORS AND PANELS OF SHOWER AND BATH TUB ENCLOSURES AND ADJACENT WALL OPENINGS WITHIN 60" ABOVE A STANDING SURFACE AND DRAIN INLET SHALL BE FULLY TEMPERED. LAMINATED SAFETY GLASS OR APPROVED PLASTIC, PER UBC 2406.3 & 2406.4
- 15. DUCT WORK SHALL USE PRESSURE SENSITIVE TAPES, MASTICS AEROSOL SEALANTS OR OTHER CLOSURE SYSTEMS MEETING APPLICABLE UL 181A & B REQMTS. DRAW BANDS USED WITH FLEXIBLE DUCTS SHALL BE EITHER S.S., WORM DRIVEN HOSE CLAMPS OR UV RESIST. NYLON DUCT TIES IN ADDITION DRAW BANDS MUST HAVE A MIN TENSILE STRENGTH RATING OF 150LBS. & BE TIGHTENED AS RECOMMENDED BY THE MFG. ENERGY STDS. ARTICLE 1.3

ELECTRICAL AND PLUMBING:

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH ALL CODES, RULES AND REGULATIONS AND SHALL COMPLY WITH THE REQUIREMENTS OF THE SERVING POWER AND TELEPHONE COMPANIES.
- 2. ALL EQUIPMENT INSTALLED OUTDOORS AND EXPOSED TO WEATHER SHALL BE ON G.F.I. CIRCUIT AND WEATHERPROOF.
- 3. ALL OUTLETS LOCATED IN GARAGE, LAUNDRY, KITCHEN, AND BATHS TO HAVE GROUND FAULT INTERRUPTERS. RECEPTACLES IN KITCHEN AND BATHS SHALL BE INSTALLED ABOVE COUNTERTOPS
- 4. PROVIDE SWITCHED OUTLETS 18" ABOVE FLOOR FOR
- 5. INSTALL SMOKE DETECTORS ON PERMANENTLY WIRED CIRCUIT NOT G.F.I.) AT LOCATION INDICATED ON ELECTRICAL PLAN ALL SMOKE DETECTORS SHALL BE HARDWIRED AND EQUIPPED WITH A BATTERY BACK-UP.
- 6. PROVIDE WIRING FOR RANGE, HOOD, LIGHT AND FAN AT 72" ABOVE FLOOR AS APPLICABLE.
- 7. PROVIDE 220V OUTLET FOR WATER HEATER AND HEATING EQUIPMENT.
- 8. ALL GAS FIRED EQUIPMENT IN GARAGE TO BE ON 18" HIGH WOOD PLATFORM, SEISMICALLY BRACED.
- 9. CLOSET LIGHTING SHALL BE 18" MINIMUM FROM COMBUSTIBLES. MEASURED BOTH VERTICALLY AND HORIZONTALLY.
- 10. IF BATHROOM HAS NO NATURAL VENTILATION, PROVIDE MECHANICAL VENTILATION SYSTEM CAPABLE OF PROVIDING FIVE AIR CHANGES PER HR. PER UBC 1203.3
- 11. WHERE REQUIRED, PROVIDE 12" x 14" PLUMBING ACCESS AT TUBS AND SHOWERS.
- 12. WATERPROOF MATERIAL SHALL BE INSTALLED AROUND TUBS AND SHOWERS TO A MINIMUM HEIGHT OF 6 FEET ABOVE FLOOR

13. WATER HEATERS WITH NON-RIGID WATER CONNECTIONS SHALL

BE STRAPPED FOR LATERAL SUPPORT. 14. BATHROOM AND UTILITY ROOM FANS ARE TO BE CAPABLE OF

15. KITCHEN AND BATHROOM LIGHTS ARE TO MEET ALL CEC

- FIVE AIR CHANGES PER HOUR PER NEC 1504.
- STANDARDS.
- 16. RECEPTACLES SHALL BE INSTALLED VERTICALLY AT 12" ABOVE THE FINISHED FLOOR.
- 17. USE ONLY CEC CERTIFIED APPLIANCES, SHOWER HEAD, AND

SHEET METAL AND FLASHING:

2. FLASH AND COUNTER FLASH ALL ROOF TO WALL CONDITIONS

PROJECTIONS FROM EXTERIOR WALL AND ROOF SURFACES.

3. G.I. FLASH AND CAULK WOOD BEAMS. OUTRIGGERS AND

. CONSTRUCTION SHALL BE OF THE HIGHEST QUALITY OF

WORKMANSHIP. ALL WALLS SHALL BE PLUMB AND

PRACTICES OR AS SPECIFIED HEREIN OR AS PER

ACCORDING TO ACCEPTED CONSTRUCTION

THE CURRENT UNIFORM BUILDING CODE.

TRUE. ALL CONNECTIONS SHALL BE MADE SECURE

1. FLASH ALL EXTERIOR OPENINGS.

WORKMANSHIP:

- 18. INSTALL A 18" x 24" CRAWL SPACE ACCESS WITHIN 20' OF ANY
- PLUMBING CLEANOUT.
 - LAG SCREWS:
 - 1. HOLES FOR LAG SCREWS SHALL BE PRE-DRILLED AS FOLLOWS: 1/2" DIA LAG SCREWS:
 - USE 1/2" DIA, x 12" LAG SCREWS, WITH 1/2" MINIMUM COUNTER SINK, AT 30" o.c. UNLESS OTHERWISE SPECIFIED ON SHEAR WALL SCHEDULE. PRE-DRILL LOGS BEFORE INSTALLING SCREWS AS FOLLOWS: TOP LOG:1/2" DIA THROUGH. BOTTOM LOG: 15/64" DIA A MINIMUM DEPTH OF 4-1/2". MINIMUM LAG EMBEDMENT = 4-1/2".
 - 3/8" DIA LAG SCREWS:
 - USE 3/8" DIA. x 12" LAG SCREWS, WITH 1/2" MINIMUM COUNTER SINK, AT 30" o.c. UNLESS OTHERWISE SPECIFIED ON SHEAR WALL SCHEDULE. PRE-DRILL LOGS BEFORE INSTALLING SCREWS AS FOLLOWS: TOP LOG: 3/8" DIA THROUGH. BOTTOM LOG: 11/64" DIA A MINIMUM DEPTH OF 4-1/2". MINIMUM LAG EMBEDMENT = 4-1/2".
 - 2. LAG SCREWS SHALL BE SCREWED (NOT DRIVEN) INTO PLACE.
 - 3. ALL LAG SCREWS SHALL BE PROVIDED WITH FLAT OR MALLEABLE WASHERS WHERE BEARING AGAINST WOOD.
 - 4. ALL LAG SCREWS SHALL BE TIGHTENED UPON INSTALLATION AND RE-TIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB.
 - 5. ALL LAG SCREWS SHALL BE A.S.T.M. A-307 MINIMUM UNLESS OTHERWISE NOTED. SCREWS SHALL BE NEW AND WITHOUT EXCESSIVE RUST.

STAIRS AND HANDRAILS:

ROOF FRAMING:

NAILED TO FRAMING WITH 8d

"TRUS-JOIST" CORP.

LEAST DIMENSION.

U.B.C. SECTION 1505-3.

U.B.C. SECTION 1505-1.

5/8" STANDARD, CDX, O.S.B., (OR PLYWD.) APA #32/16 MIN.

NAILS AT 6" o.c. EDGE NAILING (E.N.) AND 12" o.c.

STAGGER ALL END JOINTS AND RUN PLYWOOD

PERPENDICULAR TO THE DIRECTION OF THE

APPLICABLE). NOTE: TJI, MICRO-LAM, AND

PARALLAM ARE TRADE MARK NAMES OF

FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED.

2. TRUSS DESIGN BY TRUSS MANUFACTURER (WHERE

3. PROVIDE EDGE NAILING TO ALL BLOCKING OR RIM

WITH "SIMP." A35 FRAMING CLIPS AT 48" o.c.

4. PROVIDE CONTINUOUS BLOCKING OVER ALL

BEARING WALLS, SHEAR WALLS, BEAMS, AND

6. USE 5/8" THICK GYPSUM BOARD (SHEET ROCK)

WHERE WOOD FRAMING IS SPACED AT 24" o.c.

TO PENETRATE INTO THE WOOD FRAMING A

DIRECTION OF THE FRAMING.

ATTACH TO FRAMING WITH GYP BOARD SCREWS

AT 10" o.c. MAX. SCREWS SHALL BE LONG ENOUGH

MINIMUM OF 3/4". STAGGER ALL END JOINTS AND

RUN THE GYP. BOARD PERPENDICULAR TO THE

7. PROVIDE FREE VENTILATING AREA NOT LESS THAN

1/150 OF THE AREA OF THE SPACE VENTILATED PER

9. TOP CHORD OF GABLE END TRUSSES TO BE 2 x8 MINIMUM. SEE TRUSS

8. PROVIDE 22" x 30" MINIMUM ATTIC ACCESS PER

CALCULATIONS FOR ADDITIONAL INFORMATION

3/4" STANDARD T & G, O.S.B, APA #48/24 MIN.

AT 6" o.c. EDGE NAILING (E.N.) AND 10" o.c.

APPLICABLE). NOTE: TJI, MICRO-LAM, AND

3. PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL

4. PROVIDE EDGE NAILING TO ALL BLOCKING OR RIM

WITH "SIMP." A35 FRAMING CLIPS AT 32" o.c.

5. PROVIDE CONTINUOUS BLOCKING OVER ALL

BEARING WALLS, SHEAR WALLS, BEAMS, AND

AND PROVIDE SOLID BLOCKING UNDER ALL

8. USE 5/8" THICK GYPSUM BOARD (SHEET ROCK)

WHERE WOOD FRAMING IS SPACED AT 24" o.c.

TO PENETRATE INTO THE WOOD FRAMING A

DIRECTION OF THE FRAMING.

11. DECK SUPPORT POSTS (B.O.).

12. PROVIDE MID-SPAN BLOCKING - TYPICAL.

BOLTING NOTES:

3. ALL BOLTS SHALL BE A.S.T.M. A-307

WITHOUT EXCESSIVE RUST.

ATTACH TO FRAMING WITH GYP. BOARD SCREWS

MINIMUM OF 3/4". STAGGER ALL END JOINTS AND

RUN THE GYP. BOARD PERPENDICULAR TO THE

9. ALL FIRST FLOOR FRAMING MATERIALS ARE (B.O.).

10. PROVIDE 4x RIM JOIST AT FIRST LEVEL FLOOR FRAMING TO

LOG SIDING IS USED AT SECOND LEVEL - VERIFY IN FIELD.

1. HOLES FOR THROUGH BOLTS SHALL BE DRILLED 1/16"

MALLEABLE WASHERS WHERE BEARING AGAINST WOOD.

4. ALL BOLTS SHALL BE TIGHTENED UPON INSTALLATION AND

MINIMUM UNLESS OTHERWISE NOTED. BOLTS SHALL BE NEW AND

RE-TIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB.

2. ALL NUTS SHALL BE PROVIDED WITH FLAT OR

13. SECOND LEVEL STUD WALLS AND FLOOR FRAMING ARE TO BE INSET

APPROX. 1 1/4" FROM BEARING SURFACE OF LOG WALL BELOW WHEN

AT 10" o.c. MAX. SCREWS SHALL BE LONG ENOUGH

6. CARRY UPPER LEVEL POSTS INTO LOWER LEVELS

7. NO STRUCTURAL PANEL SHALL BE LESS THAN 12" IN ITS

UNLESS OTHERWISE NOTED.

JOISTS. CONNECT ALL BLOCKING OR RIM JOISTS,

WHICH OCCUR IN SHEAR WALL LINES, TO TOP PLATES

PARALLAM ARE TRADE MARK NAMES OF

IN LIEU OF 10d NAILS (B.O.))

"TRUS-JOIST" CORP.

PARTITION WALLS.

POSTS IN FLOORS

ACCEPT LAGS.

THROUGH BOLTS:

LEAST DIMENSION.

GLUE AND NAILED TO FRAMING WITH 10d NAILS

FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED.

2. TRUSS DESIGN BY TRUSS MANUFACTURER (WHERE

FRAMING. (NOTE: 10d RING SHANKS ARE RECOMMENDED

STAGGER ALL END JOINTS AND RUN PLYWOOD

PERPENDICULAR TO THE DIRECTION OF THE

FLOOR FRAMING:

UNLESS OTHERWISE NOTED.

JOISTS. CONNECT ALL BLOCKING OR RIM JOISTS,

WHICH OCCUR IN SHEAR WALL LINES, TO TOP PLATES

5. NO STRUCTURAL PANEL SHALL BE LESS THAN 12" IN ITS

- A. 7 3/4" MAXIMUM RISE, 10" MINIMUM TREAD WIDTH, 6'-8" MINIMUM HEADROOM WITH 36" MINIMUM WIDTH.
- B. HANDRAILS TO 34" (MIN.) TO 38" (MAX.) ABOVE TREAD NOSE AND TO BE CONTINUOUS FOR FULL LENGTH OF STAIRS - END RETURNED. HAND GRIP PORTION TO BE NOT LESS THAN 1 1/4" NOR MORE THAN 2" AND TO HAVE SMOOTH SURFACES WITH NO SHARP CORNERS.
- 2. GUARDRAILS SHALL BE 42" HIGH MINIMUM WITH OPEN GUARDRAILS THAT SHALL HAVE INTERMEDIATE RAILS OR ORNAMENTAL PATTERN SUCH THAT A SPHERE 4 INCHES IN DIA. CANNOT PASS THROUGH.
- 3. THE TOP RAILINGS AND HANDRAIL EXTENSIONS SHALL BE PLACED NO LESS THAN 34 INCHES OR MORE THAN 38 INCHES ABOVE THE NOSING OF THE TREADS AND LANDINGS. HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS AND, EXCEPT FOR PRIVATE STAIRWAYS, AT LEAST ONE HANDRAIL SHALL EXTEND IN THE DIRECTION OF THE STAIR RUN NOT LESS THAN 12 INCHES BEYOND THE TOP RISER OR LESS THAN 12 INCHES BEYOND THE BOTTOM RISER. ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS.
- 4. FIRE BLOCK WALLS AT STAIRS IN LINE WITH STRINGERS. 5/8" TYPE X TO BE USED @ WALLS & SOFFIT OF ENCLOSED USABLE SPACE UNDER UNDER THE STAIRS PER UBC 1003.3.9

5. ALL STAIRS EXTERIOR OR INTERIOR ARE (B.O.)

FOUNDATION:

- 1. FOUNDATIONS ARE DESIGNED FOR A 1500 POUNDS PER SQUARE FOOT ALLOW. SOIL BEARING PRESSURE UNLESS OTHERWISE NOTED.
- 2. MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 2500 psi. (5 SACKS OF CEMENT PER CUBIC YARD, 4" MAXIMUM SLUMP, 3/4" MAXIMUM AGGREGATE SIZE.)
- 3. ALL CEMENT USED SHALL CONFORM TO A.S.T.M. C-150.
- 4. REINF. STEEL TO CONFORM TO A.S.T.M. A615-40 FOR #4 & SMALLER AND A615-60 FOR #5 & LARGER U.O.N.
- 5. HORIZONTAL OR VERTICAL REINFORCEMENT NOTED "CONT." SHALL HAVE A MINIMUM SPICE EQUAL TO 30 BAR DIAMETERS IN CONCRETE.
- 6. STAGGER ALL ADJACENT REINFORCEMENT SPLICES 48" MINIMUM
- 7. #5 OR LARGER REINFORCEMENT STEEL SHALL NOT BE REBENT
- 8. USE 4" CONC. SLAB WITH 6 x 6 #10 /#10 W.W.M. OVER 2" OF CLEAN DAMP SAND OVER 6 MIL VAPOR BARRIER OVER 4" CRUSHED ROCK OVER COMPACTED SUBGRADE AT LIVING SPACES. USE 4" CONCRETE SLAB WITH 6 x 6 - #10 / #10 W.W.M. OVER 4" CRUSHED ROCK OVER COMPACTED SUBGRADE AT OTHER SLAB AREAS. INSTALL SLAB REINFORCEMENT AT CENTER LINE OF CROSS SECTIONAL AREA OF SLAB - TYPICAL.
- 9. CONTINUOUS CONC. FOOTINGS SHALL BE 1'-3" WIDE BY 1'-6" MINIMUM BELOW NATURAL GRADE AT TWO STORY CONDITIONS AND 1'-0" WIDE BY 1'-0" MINIMUM BELOW NATURAL GRADE AT ONE STORY CONDITIONS. REINF. WITH (1) #4 HORIZONTAL REINF, BAR AT 4" CLEAR FROM TOP WITH (1) #4 HORIZ, BAR AND AT 3" CLEAR FROM EARTH UNLESS OTHERWISE NOTED. PROVIDE #4 VERT REINFORCEMENT BARS AT 24" o.c. WHEN STEM WALL HEIGHT EXCEEDS 24", MEASURED FROM TOP OF
- 10. FOUNDATION SILL PLATES SHALL BE BOLTED TO THE FOUNDATION WITH 1/2" DIA. x 10" ANCH, BOLTS AT 48" o.c. UNLESS OTHERWISE NOTED. BOLTS SHALL BE EMBEDDED 7" INTO REINFORCED CONCRETE. THERE SHALL BE A MINIMUM OF TWO BOLTS PER PIECE WITH ONE BOLT LOCATED WITHIN 12" OF EACH END OF EACH PIECE. USE 2X2X3/16 FLAT CUT WASHERS.

FOOTING, OR WHERE CONSTRUCTION JOINTS OCCUP

- 11. ALL WOOD BEARING ON CONCRETE OR MASONRY, OR WITHIN 6" FROM THE GROUND SURFACE, SHALL BE PRESSURE TREATED DOUG FIR.
- 12. SAWCUT ALL SLABS WITH 1" DEEP CRACK CONTROL JOINTS AT INTERVALS NOT TO EXCEED 30' o.c. EACH WAY. SAWCUTTING SHALL OCCUR 16 TO 20 HOURS
- 13. REMOVE ALL TREES AND PLANTS, INCLUDING ALL ROOTS, WITHIN 5' FROM FOUNDATION.
- 14. FINISH GRADE SHALL SLOPE AT 2% MINIMUM AWAY FROM ALL STRUCTURES FOR A MINIMUM OF 5'.
- 15. PROVIDE UNDER FLOOR VENTILATION NOT LESS THAN 1/150 SQUARE FEET OF THE TOTAL UNDER FLOOR AREA PER U.B.C. SECTION 2306-7.
- 16. PROVIDE A MINIMUM OF A 18" x 24" FOUNDATION ACCESS TO ALL UNDER FLOOR AREAS PER U.B.C. SECTION 2306-3.
- 17. CONCRETE AGGREGATES SHALL CONFORM TO A.S.T.M. C-33.
- 18. PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES OR OTHER APPROVED METHOD, BUT MAY NOT
- BE EMBEDDED THEREIN. 19. BOTTOM OF ALL FOOTING TRENCHES SHALL BE CLEAN AND
- 20. WHERE 1/2" DIA. x 10" ANCHOR BOLTS HAVE NOT BEEN PROPERLY LOCATED, USE 1/2" DIAMETER "HILTI" KWIK-BOLTS

WITH 6" EMBEDMENT BELOW BOTTOM OF SLAB. INSTALL PER

- MANUFACTURER'S RECOMMENDATIONS. 21. WHERE 5/8" DIA. x 12" ANCHOR BOLTS HAVE NOT BEEN PROPERLY LOCATED, USE 5/8" DIAMETER "HILTI" KWIK-BOLTS WITH 6" EMBEDMENT BELOW BOTTOM OF SLAB. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- 22. WHERE 3/4" DIA. x 15" ANCHOR BOLTS HAVE NOT BEEN PROPERLY LOCATED, USE 3/4" DIAMETER "HILTI" KWIK-BOLTS WITH 6" EMBEDMENT BELOW BOTTOM OF SLAB. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

WALL SCHEDULE:

DENOTES LOG WALL DENOTES 2x STUD WALL (NONBEARING)

- - DENOTES 2x STUD WALL (BEARING) DENOTES SHEAR WALL PANEL AT LOG WALL

DENOTES 2x6 STUD WALL (NONBEARING)

- **√**P2]
- DENOTES SHEAR WALL PANEL AT STUD WALL
- DENOTES SHEAR WALL PANEL AT STUD WALL WITH SHEATHING AT BOTH SIDES OF WALL PANEL

GENERAL INFORMATION:

- 1. DESIGN TO CONFORM TO THE 2006 edition of the International Building Code, the 2006 editions of the Uniform Plumbing Code and Uniform Mechanical Code and the 2005 edition of the National Electric Code as adopted in the 2007 California Building Codes (Title 24 of the California Administrative Code).
- 2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION. SHOULD A DISCREPANCY EXIST, NOTIFY LINCOLN LOGS, LTD. IMMEDIATELY.
- 3. IN ALL CASES, NOTED DIMENSIONS SHALL SUPERSEDE SCALED DIMENSIONS.
- 4. LINCOLN LOGS, LTD. ASSUMES NO RESPONSIBILITY FOR ANY CHANGES, ERRORS. OMISSIONS, OR DEVIATIONS BY THE OWNER OR CONTRACTOR, EITHER INTENTIONAL OR
- 5. U.O.N. DENOTES UNLESS OTHERWISE NOTED
- 6. (B.O.) DENOTES BY OWNERS.
- 7. S.W.T. DENOTES SHEAR WALL TABLE (OR SCHEDULE).
- 8. RESIDENCE SHALL COMPLY WITH 2005 RESIDENTIAL

GENERAL STRUCTURAL:

- 1. HORIZONTAL FRAMING TO BE SPF #2 OR BETTER UNLESS OTHERWISE NOTED (U.O.N.).
- 2. ALL POSTS SHALL BE EWP TPI WL61 GRADE, U.O.N.
- 3. 6x BEAMS AND LARGER SHALL BE EWP TPLWI 61 GRADE UNLESS OTHERWISE NOTED.
- 4. GLU-LAM BEAMS SHALL BE 24F-V4 DF/DF ARCHITECTURAL GRADE UNLESS OTHERWISE NOTED. 5. HARDWARE IS TO BE "SIMPSON STRONG-TIE" OR
- 6. HEADERS ARE TO BE 2-2 x10 SPF #2 FOR 2 x 4 BEARING WALLS AND 3-2 x 10 SPF #2 FOR 2 x 6 BEARING WALLS UNLESS OTHERWISE NOTED. SUPPORT EACH HEADER WITH DOUBLE TRIMMER STUDS WHERE OPENINGS ARE 6'-0" WIDE OR
- 7. PROVIDE FULL BEARING SUPPORT FOR ALL BEAMS i.e. 4x BEAMS ARE TO BE SUPPORTED BY 2 - 2x OR 4x POSTS i.e. 6x AND 8x BEAMS ARE TO BE SUPPORTED BY 6x AND 8x POSTS RESPECTIVELY, U.O.N.
- 8. PROVIDE POSITIVE TYPE POST BEAM CONNECTION i.e. CC. BC. AC. PC. L. T etc.
- 9. WHERE MULTIPLE 2x JOISTS ARE STITCHED TOGETHER FOR 2 OR 3 -- USE (2) 16d's AT 12" o.c. FOR 4 OR MORE USE (2) 1/2" DIA. THROUGH BOLTS WITH WASHERS AT 24" o.c.
- 10. MINIMUM NAILING REQUIREMENTS SHALL CONFORM TO TABLE 23-II-B-1.

11. JOINTS IN DOUBLE TOP PLATES OF STUD BEARING WALLS SHALL OCCUR AT THE CENTER LINE OF SUPPORTING STUD.

- 12. ALL TOP PLATE SPLICES OF STUD WALLS SHALL BE A MINIMUM OF INTERSECTING WALLS NOT AT 90 DEGREES WITH RESPECT TO EACH OTHER SHALL BE STRAPPED TOGETHER WITH "SIMP." ST22 STRAPS UNLESS OTHERWISE NOTED. ALL STRAPS ARE TO BE CENTERED
- 13. WALLS BETWEEN HOUSE AND GARAGE TO BE 2 x 6 SPF #2 OR BETTER STUDS AT 16"o.c. 14. ALL MEMBERS SHALL BE FRAMED, ANCHORED, TIED AND BRACED SO
- AS TO DEVELOP THE STRENGTH AND RIGIDITY NECESSARY FOR THE PURPOSES FOR WHICH THEY ARE USED. 15. FOUNDATION CRIPPLE WALLS SHALL BE 2 x 6 SPF #2 OR BETTER AT 16" o.c.
- 16. NOTCHING OF EXTERIOR BEARING AND NONBEARING WALLS SHALL NOT EXCEED 25% AND 40% RESPECTIVELY. BORED HOLES TO BE NO MORE THAN 40% OF STUD WIDTH IN BEARING WALLS. 60% IN

WITH A MINIMUM LENGTH OF 14", OR SHALL BE FRAMED OF SOLID

- NONBEARING WALLS. 17. FIRE BLOCK STUD WALLS AND PARTITIONS (INCLUDING FURRED SPACES) AT FLOOR, CEILING, SOFFIT, AND AT MID-HEIGHT OF WALLS
- **OVER 10 FEET IN HEIGHT** 18. MINIMUM CLEARANCE BETWEEN BOTTOM OF FLOOR JOIST AND THE GROUND SURFACE SHALL BE 18" MINIMUM, MINIMUM CLEARANCE FOR GIRDERS TO GROUND SURFACE SHALL BE 12" MINIMUM.
- 19. BEARING AND EXTERIOR WALL STUDS TO BE CAPPED WITH DOUBLE TOP PLATE INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND AT INTERSECTIONS WITH OTHER PARTITIONS. END JOINTS IN DOUBLE TOP PLATES SHALL BE OFFSET AT LEAST 48".
- 20. PROVIDE BLOCKING BETWEEN ALL FLOOR JOISTS, TRUSSES AND RAFTERS AT ALL BEARING WALLS, GIRDERS, HEADERS AND BEAMS.

LINCOLN LOGS SPECIFICATIONS

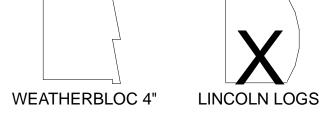
1. LOGS TO BE EASTERN WHITE PINE OF THE FOLLOWING GRADES:

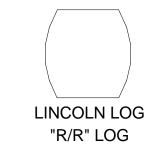
F _b	F _V	E
975 PSI	65 PSI	1,100,000
875 PSI	65 PSI	1,100,000
750 PSI	65 PSI	1,000.000
575 PSI	65 PSI	800,000
425 PSI	65 PSI	800,000
	975 PSI 875 PSI 750 PSI 575 PSI	975 PSI 65 PSI 875 PSI 65 PSI 750 PSI 65 PSI 575 PSI 65 PSI

- * STRUCTURAL MEMBERS LABELED "EWP" OR "SELECT" ARE OF THIS GRADE ALSO.
- ALL EWP PRODUCTS MANUFACTURED BY LINCOLN LOGS. 2. STAGGER ALL ADJACENT LOG SPLICES 48" MINIMUM.
- 3. USE (2) LOG HEADER MINIMUM. WITH NO SPLICES OVER OPENINGS. LOG SPLICES TO OCCUR 24" MIN. BEYOND OPENING.
- 4. SECOND LEVEL STUD WALLS AND FLOOR FRAMING ARE TO BE INSET APPROX. 1 1/4" FROM BEARING SURFACE OF LOG WALL BELOW WHEN LOG SIDING IS USED AT SECOND LEVEL - VERIFY IN FIELD.
- 5. PROVIDE METAL DETECTOR AT BUILDING SITE FOR BUILDING DEPARTMENT (B.O.)

CONSTRUCTION PROFILE THIS BUILDING IS TO BE CONSTRUCTED USING THE PROFILE CHECKED BELOW







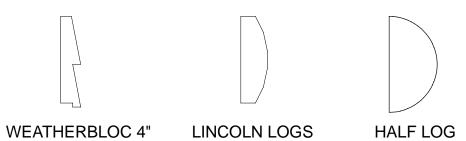
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OTHER

THIS BUILDING TO BE THERMOHOME (R) PANELIZED WITH THE STYLE OF LOG CHECKED BELOW

"D" LOG



SOME "STANDARD" MODEL PLANS ARE DRAWN SHOWING THE LINCOLN LOGS PROFILES AND OTHERS ARE DRAWN SHOWING A WEATHERBLOC PROFILE, OR OTHER PROFILES. THE PROFILE WHICH IS TO BE USED FOR THIS HOME IS CHECKED ABOVE, ACCORDING TO THE SALES AGREEMENT AND AMENDMENTS. THE PLAN "THICKNESS" OF ALL LINCOLN LOGS PROFILE IS 5-1/2".

"D" LOG

ARCHITECTURAL ABBREVIATIONS

A.B.	- ANCHOR BOLT
B.A.———	BY AMENDMENT
B.O.———	BY OWNER
BTWN-	- BETWEEN
BSMT	BASEMENT
CLG —	-CEILING
CL (CLO)	-CLOSET
CMU	-CONCRETE MASONRY UNIT (BLOCK)
CONC	-CONCRETE
DBL —	-DOUBLE
DN	- DOWN
DF (D.FIR)——	- DOUGLAS FIR
EA	-EACH
HR	-HOUR
L (LIN)	- LINEN
LHC —	LOG HOME COUNCIL
LVL —	-LAMINATED VENEER LUMBER
MAX	- MAXIMUM

- MINIMUM

MASONRY OPENING

O.C.	ON CENTERS
OPG (OPNG)-	— OPENING
OPT-	
O.S.B.	—ORIENTED STRAND BOARD
POLY-	— POLYETHYLENE
PREFAB-	
P.S.I.	— POUNDS PER SQUARE INCH
P.S.F.	— POUNDS PER SQUARE FOOT
R.B&B	— REVERSE BOARD AND BATTEN
REBAR-	REINFORCING BAR
RET	— RETENTION
SPF	SPRUCE-PINE-FIR
SYP	— SOUTHERN YELLOW PINE
STOR-	—STORAGE
TYP	— TYPICAL
U.N.O	— UNLESS NOTED OTHERWISE
W/	
W.W.M.———	— WOVEN WIRE MESH.

WINDOW / EXTERIOR DOOR SCHEDULE

ALL WINDOWS ARE TEMPERED EXTERIOR DOORS SHALL BE OF APPROVED NON-COMBUSTIBLE CONSTRUCTION OR OF SOLID-CORE WOOD NOT LESS THAN 1,3/8" THICK OR 20 MINUTE FIRE-RATED. PEACHTREE WINDOW SCHEDULE WINDOW TYPE HEIGHT CASEMEN1 1.66 Sq. Ft CA 1840 CASEMEN1 4.48 Sq. Ft. CASEMEN1 CA 1860 6.98 Sa. Ft. 5.58 Sa. Ft DH 30410 60 5/8" 10.47 Sq. Ft. 5.82 Sq. Ft. TEMPERED BY AMENDMEN DH 30410-2 DOUBLE HUN 60 5/8" 21.48 Sq. Ft. TEMPERED BY AMENDMENT 5.82 Sq. Ft DH 30210 DOUBLE HUNG 36 5/8" 5.72 Sq. Ft. 3.00 Sq. Ft. 4.11 Sq. Ft. N.A. FS-104 SKYLIGHT DOOR SCHEDULE DOOR TYPE EGRESS AREA EGRESS WIDTH 6 PANEL 20MIN. FIRE RATING Y BY OWNER 3068 GF SLIDING PATIO 6068 SLD

LOG ROUGH OPENING WIDTH (ALL UNITS)= R.O.W. FROM TABLE ABOVE + 3-1/8" LOG ROUGH OPENING HEIGHT (WINDOWS)= R O H FROM TABLE ABOVE + 3-5/8" LOG ROUGH OPENING HEIGHT (DOORS)= R.O.H. FROM TABLE ABOVE + 2-1/4" WINDOW AND DOOR OPENINGS SHOULD BE VERIFIED BY ACTUAL MEASUREMENTS TAKEN FROM UNITS RECEIVED ON THE JOB-SITE PRIOR TO CUTTING OPENINGS IN LOG OR FRAMED WALLS. ALL EXPOSED WOOD SURFACES ON ALL WINDOW AND DOOR LINITS SHOULD BE COATED WITH AN APPROPRIATE SEALER AS SOON AS POSSIBLE AFTER DELIVERY. DOORS AND WINDOWS SHOULD BE STORED OUT OF THE WEATHER SO MOISTURE DAMAGE CAN BE AVOIDED. THESE ACTIONS WILL HELP PREVENT WARPING OR EXPANDING IN THE WOOD, WHICH CAN EFFECT PROPER

MANUFACTURER UNIT NUMBER IS USED WHEN FLOOR PLAN DESIGNATION VARIES.

OPERATION OF THE UNIT AFTER INSTALLATION.

REFER TO CONSTRUCTION GUIDE FOR INSTALLATION DETAILS IN LOG AND FRAMED WALLS, FOR PROPER OPERATION, ALL WINDOWS AND DOORS MUST BE INSTALLED PLUMB AND SQUARE. DO NOT OVERFILL GAPS BETWEEN WINDOW/DOOR JAMBS AND FRAMING WITH INSULATION AS THIS COULD CAUSE "BINDING" OF THE OPERABLE WINDOW SASH OR DOOR PANEL AND HINDER PROPER OPERATION. FOLLOW MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLATION OF THE UNIT AND ITS

HARDWARE, AND FOR PROPER MAINTENANCE OF ALL DOORS, WINDOWS, AND SKYLIGHTS,

LINCOLN LOGS IS NOT RESPONSIBLE FOR DAMAGE TO THESE UNITS DUE TO IMPROPER

ARCHITECTURAL LEGEND SECTION INDICATION

INDICATION

SHEET INDEX

00-COVER RENDERING

02-FIRST FLOOR PLAN

05-FOUNDATION PLAN

03-SECOND FLOOR PLAN

06-FLOOR FRAMING PLANS

08-SECTION A-A / GABLE FRM

07-ROOF FRAMING PLAN

09-ELECTRICAL PLANS

01-TITLE SHEET

04-ELEVATIONS

10-TITLE 24

D1-DETAIL SHEET

SECTION NUMBER WHERE SECTION IS DRAWN DIRECTION OF VIEW SECTION NUMBER DRAWING NUMBER WHERE SECTION IS DRAWN DETAIL / SECTION

DETAIL INDICATION / 1 DETAIL NUMBER DRAWING NUMBER WHERE DETAIL IS DRAWN DRAWING AREA REQUIRING DETAIL

AREA REQUIRING

REVISION(S)

REVISION INDICATION

SMOKE DETECTOR

FAN / LIGHT COMBINATION

STRUCTURAL UNIT INDICATION (POST, BEAM ...)

PLAN CHECK REVISIONS PLAN CHECK REVISIONS (GWD) 4/8/ REVISIONS

THE ORIGINAL Lincoln Logs

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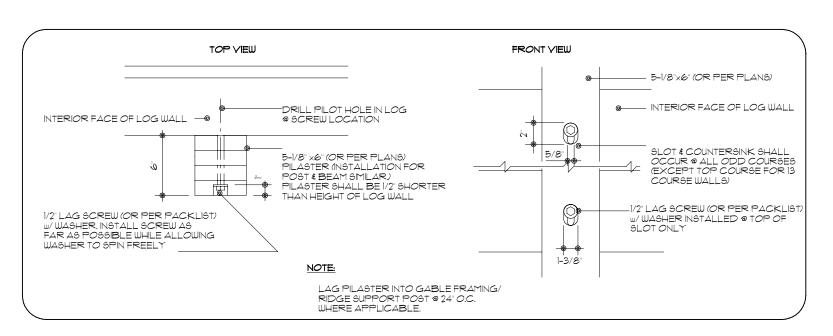
RIVERSIDE DRIVE, P.O. BOX 13

FINAL DRAWING G. DIEHL, A.ZIEGLER (POST ENG) TAS,CJO AS NOTED 10/11/06 0619089-628 SCHAFER.PLN Cad File

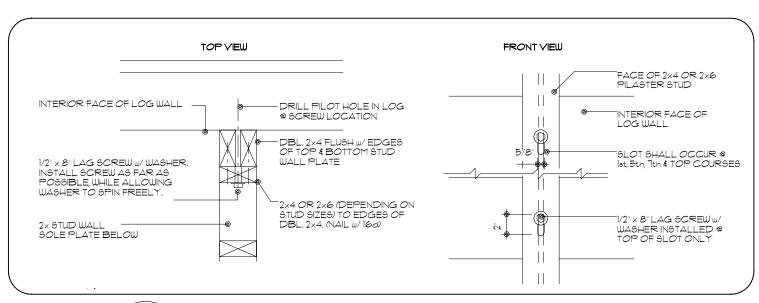
SCHAFER 34476 PUEBLO

JULIAN, CA 92036 SAN DIEGO COUNTY

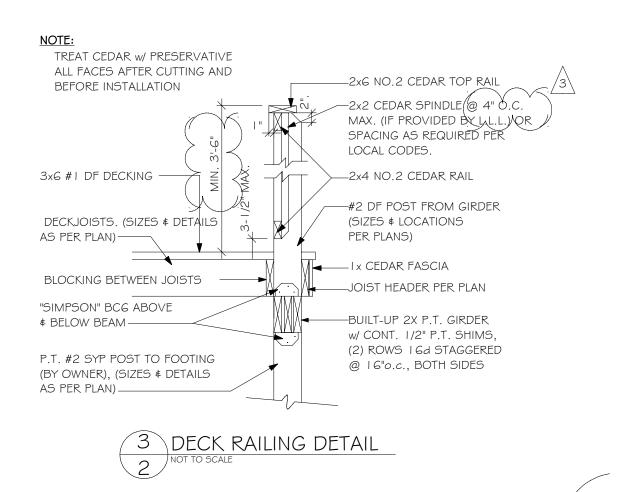
TITLE SHEET







STUD WALL TO LOG WALL CONNECTION



FINISHED SQ. FOOTAGE CALCULATIONS FOR THIS BUILDING WERE MADE BASED ON PLAN DIMENSIONS ONLY AND MAY VARY FROM THE FINISHED SQ. FOOTAGE AS BUILT. CALCULATIONS WERE MADE IN

DISEE COVER SHEET FOR GENERAL AND STRUCTURAL INFORMATION.

ACCORDANCE WITH ANSI Z765-1966.

2) CONTRACTOR IS TO VERIFY ALL DIMENSIONS IN FIELD.

3) CONTRACTOR / OWNER IS TO YERIFY SIZE, LOCATION, AND INSTALLATION SPAC'S. OF ALL WATER HEATERS AND MECHANICAL EQUIPMENT.

4) PROVIDE SOFFITS, PLUMBING WALLS, AND CHASING FOR MECHANICAL AND PLUMBING AS REQUIRED. -(B.O)

5) ATTACH ALL STUD WALLS TO LOG WALLS W/ (4) - 1/2" DIA. LAG BOLTS W/ WASHERS IN 1/2" DIA. \times 1" LONG SLOTS-IN 4× D.F. STUD. - (B.O)

7) ALL STUD WALLS ARE 3-1/2" UNLESS -OTHERWISE NOTED.

6) ALL DIMENSIONS ARE TO FACE OF FRAMING.

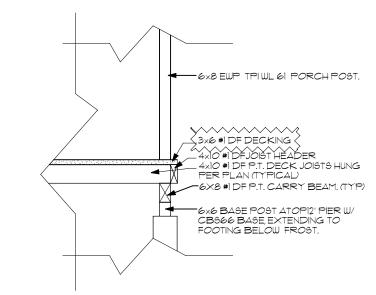
8) PROVIDE FRESH AIR VENTALLATION TO MEET 1991 VENTALLATION AND INDOOR AIR QUALITY CODE (YIAQ) YIA MECHANICAL YENTALLATION SYSTEM. (SECTION 305).

WATER HEATERS REQUIRE A MINIMUM OF 2 STRAPS TO RESIST HORIZONTAL DISPLACEMENT. MINIMUM OF $3/4" \times 24$ GAUGE STRAPS WITH 1/4" x 3" LAG BOLTS ATTACHED DIRECTLY TO THE FRAMING (U.P.C. SEC 510.5)

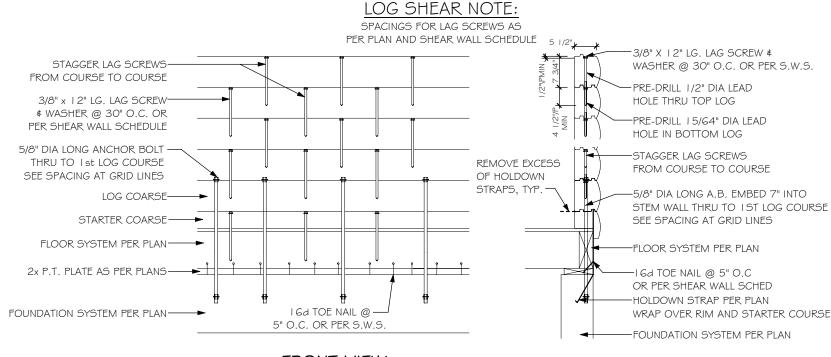
GAS FIRED WATER HEATERS AND FURNACES ARE NOT PERMITTED IN ROOMS USED OR DESIGNED FOR SLEEPING, OR IN BATHROOMS CLOSETS OR OTHER CLOSED SPACE OPENING INTO A BEDROOM OR BATH. EXCEPT DIRECT YENT APPLIANCES. (U.P.C. Sec 509.0 & U.M.C. 904.5)

THE BLUEPRINTS SUPPLIED BY LINCOLN LOGS LTD. ARE COMPILED FOR CONSTRUCTION PURPOSES AND DEPICT MATERIALS AS REQUIRED BY GENERALLY ACCEPTED DESIGN AND ENGINEERING STANDARDS. THE MATERIALS SUPPLIED BY LINCOLN LOGS LTD. ARE GOVERNED BY YOUR SALES AGREEMENT AND APPROPRIATE ADDENDUMS. ALL OTHER MATERIALS ARE PRESUMED TO BE SUPPLIED "BY OWNER" EVEN IF THEY ARE NOT SO SPECIFIED ON THE BLUEPRINTS.

FIREPLACES WITH GAS APPLIANCES ARE REQUIRED TO HAVE THE FLUE DAMPER PERMANENTLY FIXED IN THE OPEN POSITION AND FIRPLACES WITH LPG APPLIANCES ARE TO HAVE NO "PIT" OR "SUMP" CONFIGURATIONS. (U.M.C. SEC. 912.1 AND SEC. 304.5)



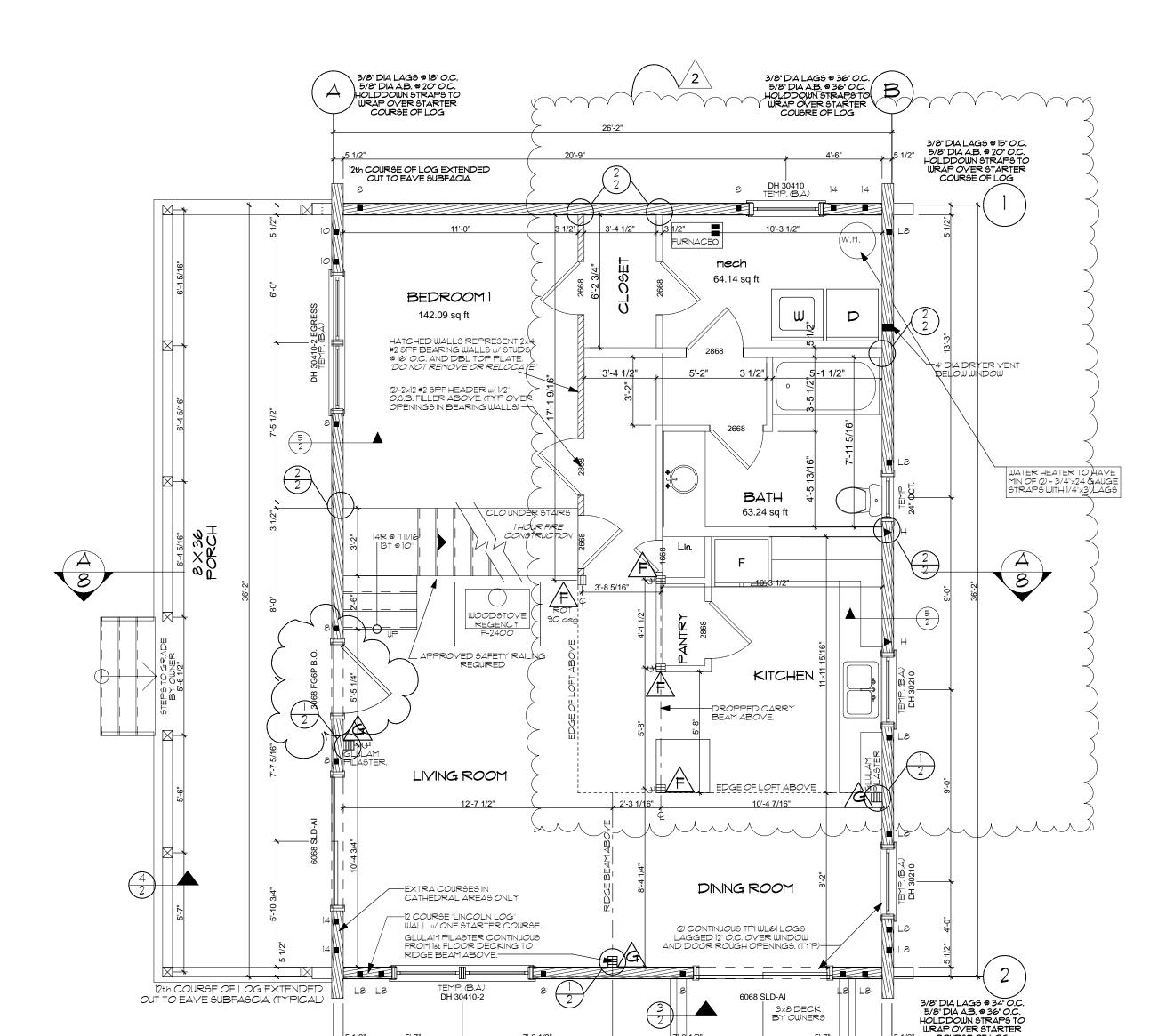
HEAVY TIMBER PORCH DETAIL



FRONT VIEW

SECTION VIEW

LOG SHEAR WALL DETAIL NOT TO SCALE



FIRST FLOOR PLAN

5Q.FT. = 946.36

A CERTIFICATE OF CONFORMANCE IS REQUIRED PRIOR TO FRAMING INSPECTION FOR ALL GLUE LAMINATED WOOD MEMBERS

POST DESIGNATION KEY					
	SIZE	SPECIES			
A	(3) 2×4	#2 SPF			
m	(3) 2×6	#2 SPF			
U	4×6	EASTERN WHITE PINE TPI WALL LOG 61			
Ω	6×6	EASTERN WHITE PINE TPI WALL LOG 61			
ш	3-1/8"×6"	GLULAM 24F-V4 DF			
Щ	5 -1/8"×4 1/2"	GLULAM 24F-V4 DF			
J	5-1/8"x6"	GLULAM 24F-V4 DF			

	HOLD DOWN SCHEDULE								
SYM.	DIST. FROM CENTER OF CONC ANCHOR TO FACE OF POST SCREWS THICKNESS								
36	МЅТІЗ6	2×	N.A.	(36) - 10d's	N.A.				
48	MSTI48	2×	(48) - 10d's	N.A.					
8	STHD8RJ	N.A.	N.A.	(24) - 16d SINKERS	8"				
■ STHDIORJ N.A. N.A. (28) - 16d SINKERS 8"									
14	STHD14RJ	N.A.	N.A.	(38) - 16d SINKERS	8"				
L8	LSTHD8RJ	N.A.	N.A.	(24) - 16d SINKERS	8"				
4 H	HPAHD22	(2) - 2×	N.A.	(23) - 16d	8"				
•	DENOTES 3/4" DIA. THROUGH BOLT, USE 3/4" DIA. ALL THREAD ROD WITH "SIMP" SSTB28. RUN 3/4" THROUGH BOLT CONTINUOUS TO TOP LOG W/ 3" SQUARE, BY 3/16" THICK STEEL PLATE WITH DOUBLE NUTS - TYPICAL. (SEE NOTE 8)								
NOTES: 1. EDGE NAIL SHEAR WALL SHEATHING TO POSTS FASTENED TO HOLD DOWNS. 2. THE MINIMUM CONCRETE STRENGTH AT 28 DAYS TO BE 2500 PSI. 3. ALL HOLDOWNS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL OF THE MANUFACTURERS INSTALLATION RECOMMENDATIONS. 4. HOLDOWN HARDWARE SHALL BE MANUFACTURED BY "SIMPSON STRONG TIE" CORP. OR EQUAL. 5. PROVIDE 3" MINIMUM COVER FOR ALL CONCRETE ANCHORS. 6. USE "SIMP" HPAHD22-2P HOLDOWNS IN LIEU OF HPAHD22 HOLDOWNS AT ALL TWO POUR FOUNDATION SYSTEMS. 7. INSTALL STANDARD NUTS WASHERS AND COUPLERS AS REQUIRED. 8. USE "SIMP" SSTBL @ ALL 3" SILL LOCATIONS.									

FOR ALL "AS-BUILT" CONSTRUCTION NOT READILY VISABLE TO THE COUNTY BUILDING INSPECTOR, CERTIFICATION WILL BE REQUIRED, STAMPED AND SIGNED BY A CALIFORNIA STATE-REGISTERED CIVIL ENGINEER OR ARCHITECT, VERIFYING COMPLIANCE WITH ALL APPLICABLE BUILDING CODES AND FIELD INITIATED COMPLAINTS (FICOS)

DO NOT SCALE OFF BLUEPRINTS. USE DIMENSIONS GIVEN. CALCULATE ADDITIONAL DIMENSIONS BY USING

STAIRS AND HANDRAILS:

NO SHARP CORNERS.

4. ALL STAIRS EXTERIOR OR INTERIOR ARE (B.O.)

SAFETY TERMINALS.

HEADROOM WITH 36" MINIMUM WIDTH.

A. 7.75" MAXIMUM RISE, 10" MINIMUM TREAD WIDTH, 6'-8" MINIMUM

TO BE CONTINUOUS FOR FULL LENGTH OF STAIRS - END RETURNED. HAND GRIP PORTION TO BE NOT LESS THAN 1 1/4"

NOR MORE THAN 2" AND TO HAVE SMOOTH SURFACES WITH

2. GUARDRAILS SHALL BE 42" HIGH MINIMUM WITH OPEN GUARDRAILS

SUCH THAT A SPHERE 4 INCHES IN DIA. CANNOT PASS THROUGH.

LESS THAN 34 INCHES OR MORE THAN 38 INCHES ABOVE THE

NOSING OF THE TREADS AND LANDINGS. HANDRAILS SHALL BE

THAT SHALL HAVE INTERMEDIATE RAILS OR ORNAMENTAL PATTERN

3. THE TOP RAILINGS AND HANDRAIL EXTENSIONS SHALL BE PLACED NO

CONTINUOUS THE FULL LENGTH OF THE STAIRS AND, EXCEPT FOR

TOP RISER OR LESS THAN 12 INCHES BEYOND THE BOTTOM RISER.

PRIVATE STAIRWAYS. AT LEAST ONE HANDRAIL SHALL EXTEND IN THE

DIRECTION OF THE STAIR RUN NOT LESS THAN 12 INCHES BEYOND THE

ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR

COURSE OF LOG

STEPS TO GRADE BY OWNER

3. HANDRAILS TO 34" (MIN.) TO 38" (MAX.) ABOVE TREAD NOSE AND

- THOSE SHOWN. WOODSTOVE / FIREPLACE, HEARTH AND CHIMNEY INSTALLATION PER MANUFACTURERS SPECIFICATIONS AND NFPA STANDARDS. MAINTAIN 2" MIN. FRAMING CLEARANCES AT ALL TIMES.
 REFER TO OTHER SHEETS AND CONSTRUCTION MANUAL LATEST EDITION, FOR ADD. INFORMATION. LINCOLN LOGS LTD. PROVIDES A COMPLETE PACKING LIST WHICH PROVIDES USEFUL AND DETAILED INFO FOR LOCATIONS OR QUANTITIES
- OF MATERIALS FOR SPECIFIC LOCATIONS NOT SPECIFIED ON PLANS. GLULAM POSTS SHALL HAVE "COMBINATION #1" DESIGNATION GLULAM BEAMS SHALL HAVE "24F-V4, DF/DF" DESIGNATION. LOAD CARRYING CAPACITY OF GLULAM BEAMS, JOISTS AND POSTS IS GREATLY REDUCED BY ON-SITE DRILLING, NOTCHING OR PLANING OF SUCH MEMBERS. IT IS VITAL THAT THE
- ENGINEER BE CONSULTED PRIOR TO ANY SUCH MODIFICATIONS. SEE DOOR AND WINDOW SCHEDULES FOR ROUGH OPENINGS. FINISHED SQUARE FOOTAGE CALCULATIONS FOR THIS BUILDING WERE BASED ON PLAN DIMENSIONS ONLY AND
- MAY VARY FROM THE FINISHED SQUARE FOOTAGE AS BUILT. CALCULATIONS WERE MADE IN ACCORDANCE
- (2x4 CONSTRUCTION). SOME LOCAL CODES REQUIRE SMOKE DETECTORS
- IN ALL SLEEPING ROOMS. VERIFY WITH LOCAL AUTHORITIES. LOG FASTENING SCHEDULE (3/8"x12" LAG SCREWS) - SHADED LOG WALL INDICATES ARRANGEMENT OF 1st LOG COURSE. - STARTER COURSE = 2'0" O.C.
- COURSES 1-11 = 2'6" O.C. - 12th COURSE = 2'0" O.C. - OVER DOOR AND WINDOW OPENINGS = 12" O.C. REFER TO CONSTRUCTION MANUAL FOR OTHER
- SPECIFICATIONS.
 MATERIALS SPECIFIED ON PLANS MAY NOT NECESSARILY MEAN THAT THEY ARE PART OF THE PACKAGE PURCHASED FROM LINCOLN LOGS LTD. OWNER SHALL VERIFY ALL
- MATERIALS PURCHASED OR OPTIONED BY AMENDMENT PRIOR TO BIDDING AND CONSTRUCTION OF PROJECT.
 MECHANICAL VENTILATION REQUIRED IN ALL BATHROOMS INSTALL APPROVED SAFETY HANDRAIL ON ALL INTERIOR STAIRS, HANDRAIL TO BE 2-1/4" MAX, DIAMETER INSTALLED
- 3'-0" MAX. ABOVE TREAD NOSING. BALUSTERS TO BE SPACED AS TO PREVENT PASSAGE OF 4" SPHERE. STARTER COURSE IS PROVIDED TO ELEVATE LOG WALL SO. THAT PRE-CUT STUDS CAN BE USED FOR INTERIOR PARTITIONS. 12 COURSES OF LOG SET ON TOP OF STARTER COURSE AND STARTER COURSE IS NOT INCLUDED WHEN

COUNTING COURSES OF LOGS.
FOR ALL INTERIOR WALLS, USE 2-2x6 NO.2 SPF HEADERS W.

- 1/2" SHIM ON ALL 2x4 NON-BEARING WALL OPENINGS LESS THAN 6'-0". USE 2-2x10 NO.2 SPF HEADERS W/ 1/2" SHIM IN 2x4 BEARING WALL OPENINGS W/ SPANS LESS THAN 6'-0". USE 3-2x10 NO.2 SPF HEADERS IN ALL 2x6 WALL OPENINGS LESS THAN 6'-0". USE TPI WL61 GRADE LOGS OVER DOOR
- AND WINDOW OPENINGS AS SPECIFIED IN CONSTRUCTION GUIDE. SEPARATE GARAGE FROM LIVING SPACES ABOVE AND ADJACENT WITH ONE (1) HOUR FIRE RATED
- ASSEMBLIES AS REQUIRED. **BOLTING NOTES:** THROUGH BOLTS:
 1. HOLES FOR THROUGH BOLTS SHALL BE DRILLED 1/16"
- OVERSIZE. 2. ALL NUTS SHALL BE PROVIDED WITH FLAT OR MALLEABLE WASHERS WHERE BEARING AGAINST WOOD 3. ALL BOLTS SHALL BE A.S.T.M. A-307 MINIMUM UNLESS OTHERWISE NOTED. BOLTS SHALL BE NEW AND WITHOUT EXCESSIVE RUST.

 ALL BOLTS SHALL BE TIGHTENED UPON INSTALLATION AND RE-TIGHTENED BEFORE CLOSING IN OR AT
- LAG SCREWS: . HOLES FOR LAG SCREWS SHALL BE PRE-DRILLED AS FOLLOWS: 1/2" DIA LAG SCREWS:

COMPLETION OF JOB.

- USE 1/2" DIA. x 12" LAG SCREWS, WITH 1/2" MINIMUM COUNTER SINK, AT 30" o.c. UNLESS OTHERWISE SPECIFIED ON SHEAR WALL SCHEDULE. PRE-DRILL LOGS BEFORE INSTALLING SCREWS AS FOLLOWS:
- TOP LOG:1/2" DIA THROUGH. BOTTOM LOG: 15/64" DIA A MINIMUM DEPTH OF 4-1/2". MINIMUM LAG EMBEDMENT = 4-1/2". 3/8" DIA LAG SCREWS:
- USE 3/8" DIA. x 12" LAG SCREWS, WITH 1/2" MINIMUM COUNTER SINK, AT 30" o.c. UNLESS OTHERWISE SPECIFIED ON SHEAR WALL SCHEDULE. PRE-DRILL LOGS BEFORE INSTALLING SCREWS AS FOLLOWS: TOP LOG: 3/8" DIA THROUGH. BOTTOM LOG: 11/64" DIA A MINIMUM DEPT H OF 4-1/2". MINIMUM LAG EMBEDMENT = 4-1/2". 2. LAG SCREWS SHALL BE SCREWED (NOT DRIVEN)
- 3. ALL LAG SCREWS SHALL BE PROVIDED WITH FLAT OR MALLEABLE WASHERS WHERE BEARING AGAINST WOOD.
 ALL LAG SCREWS SHALL BE TIGHTENED UPON INSTALLATION AND RE-TIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB. . ALL LAG SCREWS SHALL BE A.S.T.M. A-307 MINIMUM UNLESS OTHERWISE NOTED. SCREWS SHALL BE NEW AND

WITHOUT EXCESSIVE RUST.

	5	REVISED STAIR RISE AND RUN	7-1-10
	4	PLAN CHECK REVISIONS	2/11/10
	3	PLAN CHECK REVISIONS (GWD)	4/8/08
	2	FLOOR PLAN LAYOUT swm	3-8-07
	1	DETAIL 4/2 DECKING NOTE (ALZ)	10/26/06
	No.	REVISIONS	DATE

THE ORIGINAL

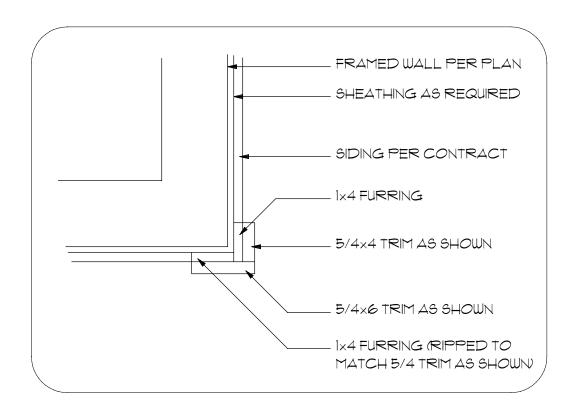
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Status	FINAL DRAWING	
Drafter	G. DIEHL, A.ZIEGLER (POST ENG	
Checked	TAS,CJO	
Scale	1/4"= 1'-0"	
Date	10/11/06	
Order No.	0619089-628	
Cad File	SCHAFER.PLN	
CUSTOMER	-	

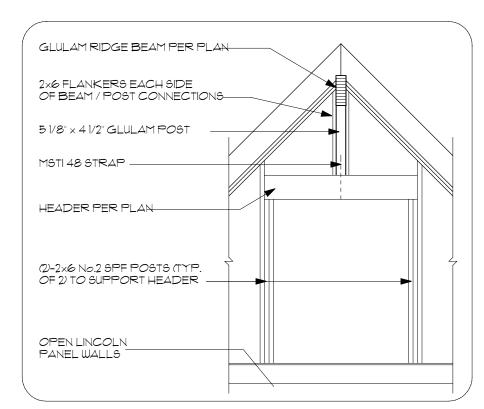
SCHAFER

34476 PUEBLO JULIAN, CA 92036 SAN DIEGO COUNTY

FLOOR PLAN



CORNER BOARD ASSEMBLY DETAIL SCALE: N.T.S.



GABLE WALL STRUCTURAL DETAIL VIEW "A"

DISEE COVER SHEET FOR GENERAL AND STRUCTURAL INFORMATION.

2) CONTRACTOR IS TO VERIFY ALL DIMENSIONS IN FIELD.

3) CONTRACTOR / OWNER IS TO VERIFY SIZE, LOCATION, AND INSTALLATION SPAC'S. OF ALL WATER HEATERS AND MECHANICAL EQUIPMENT.

4) PROVIDE SOFFITS, PLUMBING WALLS, AND CHASING FOR MECHANICAL AND PLUMBING AS REQUIRED. -(B.O)

5) ATTACH ALL STUD WALLS TO LOG WALLS W/ (4) - 1/2" DIA. LAG BOLTS W/ WASHERS IN 1/2" DIA. \times 1" LONG SLOTS-IN 4× D.F. STUD. - (B.O)

6) ALL DIMENSIONS ARE TO FACE OF FRAMING.

7) ALL STUD WALLS ARE 3-1/2" UNLESS -OTHERWISE NOTED.

8) PROVIDE FRESH AIR VENTALLATION TO MEET 1991 VENTALLATION AND INDOOR AIR QUALITY CODE (VIAQ) VIA MECHANICAL VENTALLATION SYSTEM. (SECTION 305).

FINISHED SQ. FOOTAGE CALCULATIONS FOR THIS BUILDING WERE MADE BASED ON PLAN DIMENSIONS ONLY AND MAY VARY FROM THE FINISHED SQ. FOOTAGE

CALCULATIONS WERE MADE IN ACCORDANCE WITH ANSI Z765-1966.

THE BLUEPRINTS SUPPLIED BY LINCOLN LOGS LTD. ARE COMPILED FOR CONSTRUCTION PURPOSES AND DEPICT MATERIALS AS REQUIRED BY GENERALLY ACCEPTED DESIGN AND ENGINEERING STANDARDS. THE MATERIALS SUPPLIED BY LINCOLN LOGS LTD. ARE GOVERNED BY YOUR SALES AGREEMENT AND APPROPRIATE ADDENDUMS. ALL OTHER MATERIALS ARE PRESUMED TO BE SUPPLIED "BY OWNER" EVEN IF THEY ARE NOT SO SPECIFIED ON THE BLUEPRINTS.

FIREPLACES WITH GAS APPLIANCES ARE REQUIRED TO HAVE THE FLUE DAMPER PERMANENTLY FIXED IN THE OPEN POSITION AND FIRPLACES WITH LPG APPLIANCES ARE TO HAVE NO "PIT" OR "SUMP" CONFIGURATIONS. (U.M.C. SEC. 912.1 AND SEC. 304.5)

A CERTIFICATE OF CONFORMANCE IS REQUIRED PRIOR TO FRAMING INSPECTION FOR ALL GLUE LAMINATED WOOD MEMBERS

POST DESIGNATION KEY						
	SIZE	SPECIES				
A	(3) 2×4	#2 SPF				
B	(3) 2×6	#2 SPF				
C	4×6	EASTERN WHITE PINE TPI WALL LOG 61				
D	6×6	EASTERN WHITE PINE TPI WALL LOG 61				
E	3-1/8"×6"	GLULAM 24F-V4 DF				
F	5 -1/8"×4 1/2"	GLULAM 24F-V4 DF				
G	5-1/8"×6"	GLULAM 24F-V4 DF				

	HOLD DOWN SCHEDULE							
SYM.	"SIMPSON" MODEL#	MINIMUM Post	DIST. FROM CENTER OF CONC ANCHOR TO FACE OF POST	POST BOLTS OR SCREWS	MINIMUM STEM WALL THICKNESS	NOTES		
36	MSTI36	2×	N.A.	(36) - 10d's	N.A.			
48	MSTI48	2×	N.A.	(48) - 10ds	N.A.			
8	STHD8RJ	N.A.	N.A.	(24) - 16d SINKERS	8"			
10	STHDIORJ	N.A.	N.A.	(28) - 16d SINKERS	8"			
14	STHD14RJ	N.A.	N.A.	(38) - 16d SINKERS	8"			
L8	LSTHD8RJ	N.A.	N.A.	(24) - 16d SINKERS	8"			
4 H	HPAHD22	(2) - 2×	N.A.	(23) - 16d	8"			
	DENOTES 3/4	"DIA THROUG	H BOLT, USE 3/4" DI	A ALL THREA	.D ROD WITH "	SIMP" SSTB28		

DENOTES 3/4" DIA, THROUGH BOLT, USE 3/4" DIA, ALL THREAD ROD WITH "SMP" SSTB28.

RUN 3/4" THROUGH BOLT CONTINUOUS TO TOP LOG W/ 3" SQUARE, BY 3/16" THICK

STEEL PLATE WITH DOUBLE NUTS - TYPICAL, (SEE NOTE 8) I. EDGE NAIL SHEAR WALL SHEATHING TO POSTS FASTENED TO HOLD DOWNS.

2. THE MINIMUM CONCRETE STRENGTH AT 28 DAYS TO BE 2500 PSI.

3. ALL HOLDOWNS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL OF THE MANUFACTURERS INSTALLATION RECOMMENDATIONS.

4. HOLDOWN HARDWARE SHALL BE MANUFACTURED BY "SIMPSON STRONG TIE" CORP.

4. HOLDOWN HAIDWAIN LONGLE DE MINIMUM OR EQUAL.

5. PROVIDE 3" MINIMUM COVER FOR ALL CONCRETE ANCHORS.

6. USE "SIMP" HPAHD22-2P HOLDOWNS IN LIEU OF HPAHD22 HOLDOWNS AT ALL TWO POUR FOUNDATION SYSTEMS.

7. INSTALL STANDARD NUTS, WASHERS AND COUPLERS AS REQUIRED.

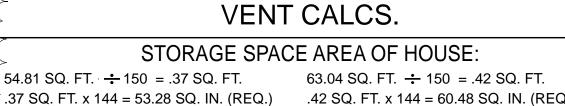
8. USE "SIMP" SSTBL @ ALL 3" SILL LOCATIONS.

SHEAR WALL SCHEDULE

7/16" APA RATED O.S.B. SHEATHING; 8d @ 6" / 12" O.C.; USE 2-2× STUDS FOR EDGE NAILING (4× FOR CORNER INSTALLATION AND SINGLE 2× FOR SILL NAILING U.O.N. USE LTP5 @ 28" O.C. BOTTOM PLATE TO FLOOR / RIM JOIST / OR BLOCKING AND SDS 1/4×6 @ 15" O.C. USE LTP4 @ 28" O.C. TOP PLATE TO RAFTER / FLOOR OR RIM OR BLOCKING

7/16" APA RATED O.S.B. SHEATHING; 8d @ 4" / 12" O.C.; USE 3× STUDS FOR EDGE & SILL NAILING (4× FOR CORNER INSTALLATION) UNLESS OTHERWISE NOTED.
USE LTP5 @ 20" O.C. BOTTOM PLATE TO FLOOR / RIM JOIST / OR BLOCKING AND SDS 1/4x6 @ 11" O.C. USE LTP4 @ 20" O.C. TOP PLATE TO RAFTER / FLOOR OR RIM OR BLOCKING



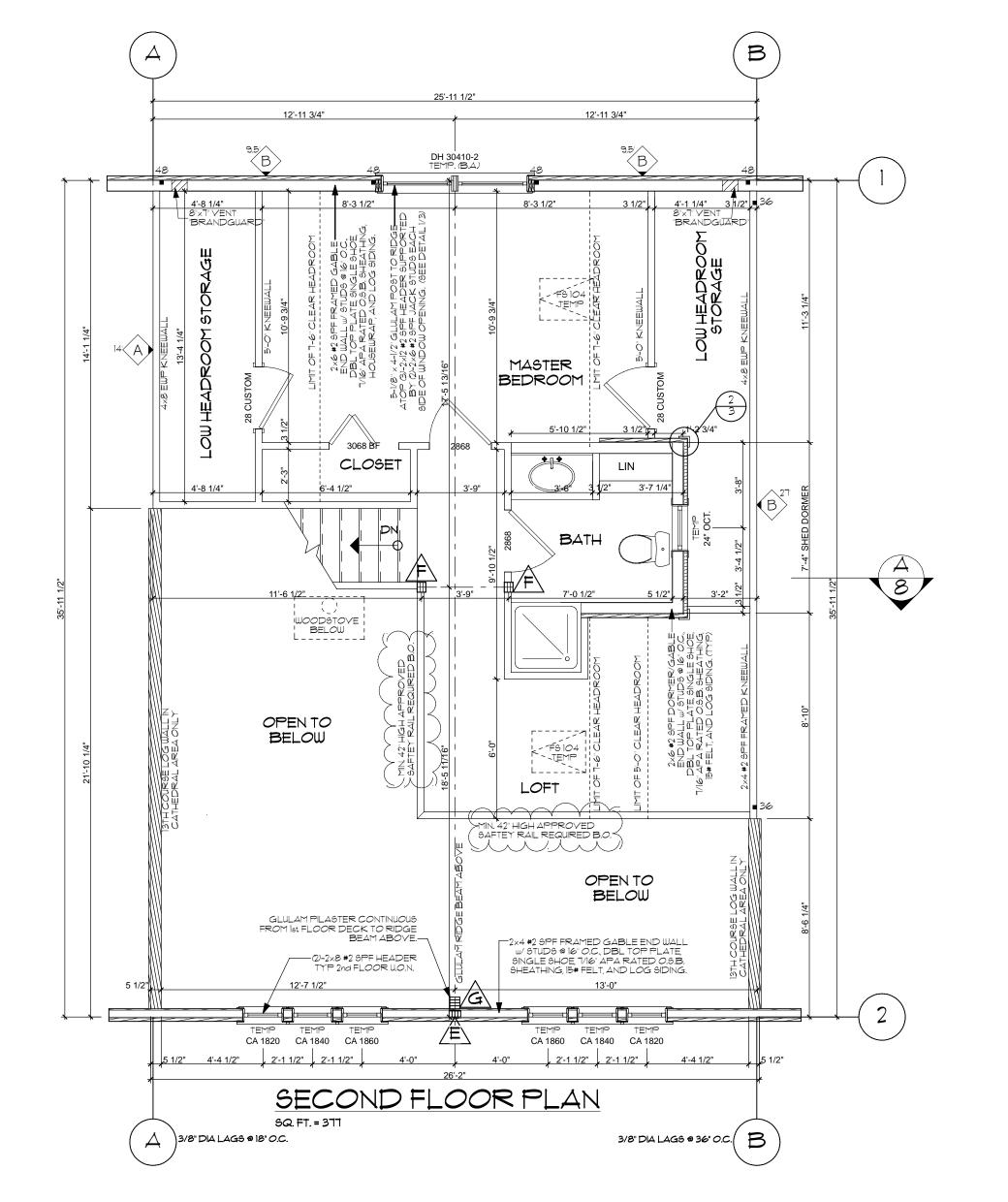


.37 SQ. FT. x 144 = 53.28 SQ. IN. (REQ.) .42 SQ. FT. x 144 = 60.48 SQ. IN. (REQ.) VENTS = 8" x 7" = 56 SQ. IN. EACH VENTS = 8" x 8" = 64 SQ. IN. EACH 1 VENTS x 56 = 56 SQ. IN. 1 VENTS x 64 = 64 SQ. IN. TOTAL SHOWN = TOTAL SHOWN = 64 SQ. IN. 56 SQ. IN.

—EAVE VENT TYPICAL

1. ALL VENTS SHALL RESIST THE INTRUSION OF FLAMES AND EMBERS OR SHALL BE PROTECTED BY LOUVERS AND 1/4"
NON-COMBUSTIBLE, CORROSION-RESISTANT MESH.

7. VENTS SHALL NOT BE INSTALLED IN EAVES, EAVE OVERHANGS, SOFFITS, OR CORNICES, GABLE-END VENTS WILL BE
ALLOWED IF THE VENTS ARE LOCATED A MINIMUM OF 12" BELOW THE LOWEST EAVE/RAKE PROJECTION.



THE ORIGINAL

PLAN CHECK REVISIONS (GWD) 4/8/

PLAN CHECK REVISIONS

REVISIONS

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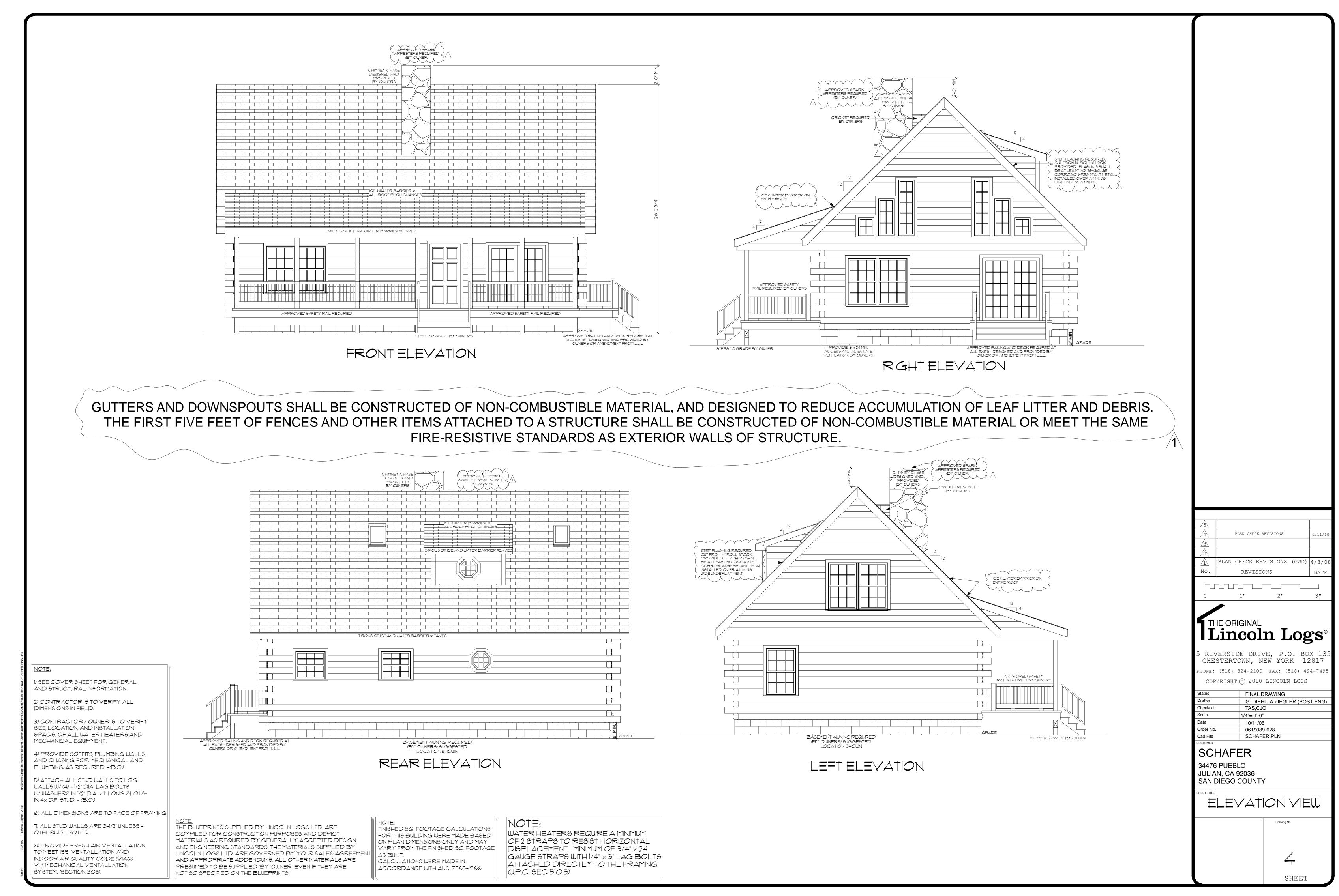
Status	FINAL DRAWING
Drafter	G. DIEHL, A.ZIEGLER (POST ENG
Checked	TAS,CJO
Scale	1/4"= 1'-0"
Date	10/11/06
Order No.	0619089-628
Cad File	SCHAFER.PLN

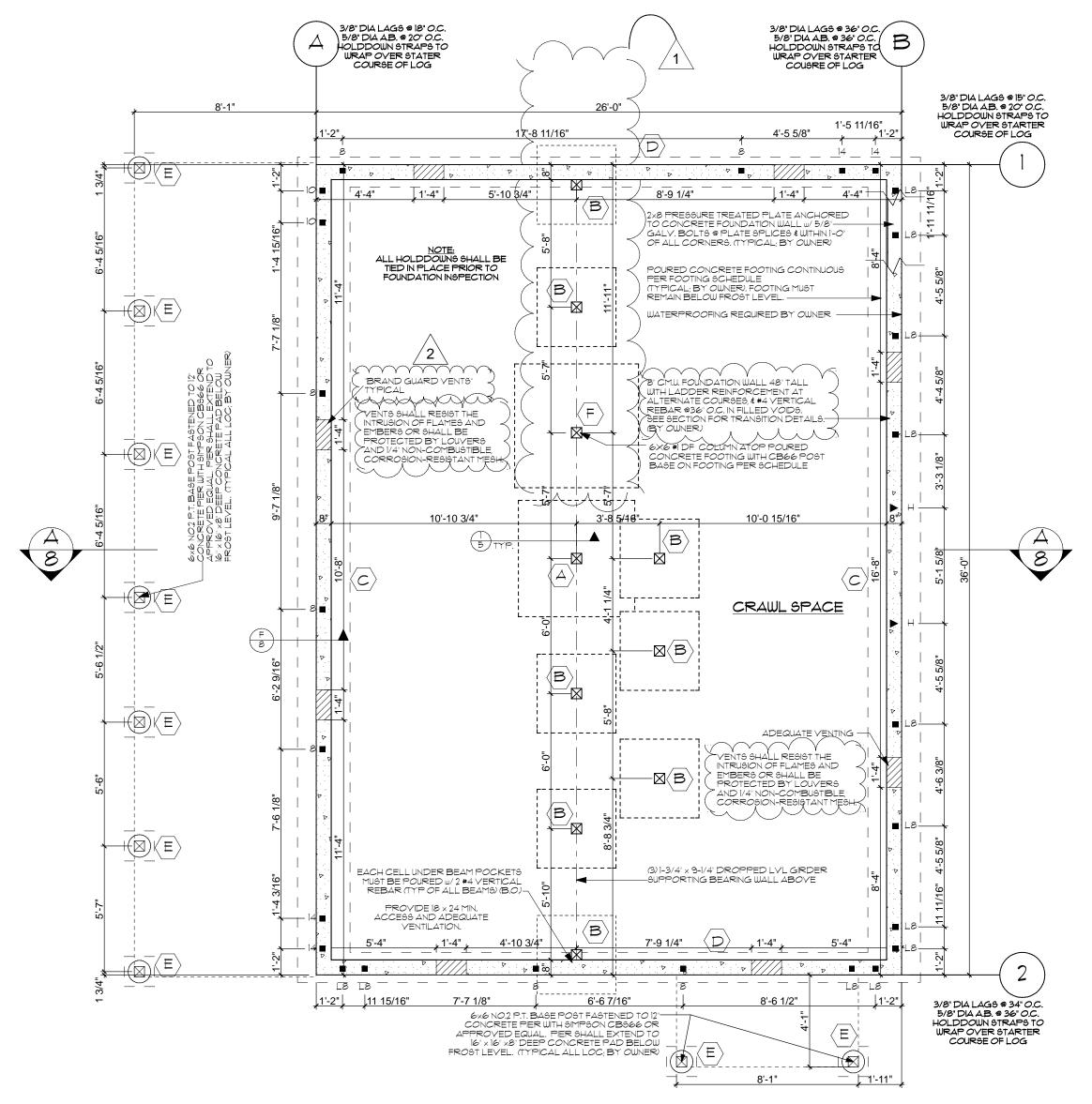
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34476 PUEBLO **JULIAN, CA 92036** SAN DIEGO COUNTY

2nd FLOOR PLAN

Drawing No.





FOOTING SCHEDULE

	SYM.	SQUARE FOOTING				ALLOW.	
<		WIDTH	DEPTH		REINF. EACH WAY	COL.LOAD	NOTES
			1-STRY.	2-STRY.		(280)	
	Д	62"×62"	12"	12"	#5's @ 6" O.C.		2,3
	W	42"×42"	12"	12"	#5's @ 6" O.C.		2,3
	U	28" CONT.	12"	12"	(2)-#4 CONT.		2,3
	Ω	16" CONT.	12"	12"	(2)-#4 CONT.		2,3
	E	18"×18"	12"	12"	#5's @ 6" O.C.		2,3
	F	66"×66"	12"	12"	#5's @ 6" O.C.		2, 3

(1) DESIGN SOIL PRESSURE = 1500. psf SEE SOILS REPORT WRITTEN BY:

(2) MINIMUM CONCRETE STRENGTH AT 28 DAYS TO (3) REINF. STEEL TO CONFORM TO A.S.T.M. A615-40.

FOUNDATION VENT CALCS.

CRAWL SPACE AREA OF HOUSE: 947 SQ. FT. 947 SQ. FT. ÷ 150 = 6.31 SQ. FT. 6.31 SQ. FT. x 144 = 909.12 SQ. IN. (REQ.) VENTS = 8" x 16" = 128 SQ. IN. EACH 8 VENTS x 128 = 1024 SQ. IN.

TOTAL SHOWN = 1024 SQ. IN.

 \nearrow FOUNDATION VENT TYPICAL

HOLD DOWN SCHEDULE

SYM.	"SIMPSON" MODEL#	MINIMUM POST	DIST. FROM CENTER OF CONC ANCHOR TO FACE OF POST	POST BOLTS OR SCREWS	MINIMUM STEM WALL THICKNESS	NOTES
1 36	MSTI36	2×	N.A.	(36) - 10d's	N.A.	
48	MSTI48	2×	N.A.	(48) - 10d's	N.A.	
8	STHD8RJ	N.A.	N.A.	(24) - 16d SINKERS	8"	
10	STHDIORJ	N.A.	N.A.	(28) – 16d SINKERS	8"	
14	STHD14RJ	N.A.	N.A.	(38) - 16d SINKERS	8"	
■ L8	LSTHD8RJ	N.A.	N.A.	(24) - 16d SINKERS	8"	
T	HPAHD22	(2) - 2×	N.A.	(23) - 16d	8"	

DENOTES 3/4" DIA. THROUGH BOLT. USE 3/4" DIA. ALL THREAD ROD WITH "SIMP" SSTB28. RUN 3/4" THROUGH BOLT CONTINUOUS TO TOP LOG W/ 3" SQUARE, BY 3/16" THICK STEEL PLATE WITH DOUBLE NUTS - TYPICAL. (SEE NOTE 8)

- EDGE NAIL SHEAR WALL SHEATHING TO POSTS FASTENED TO HOLD DOWNS. 2. THE MINIMUM CONCRETE STRENGTH AT 28 DAYS TO BE 2500 PSI.
- 3. ALL HOLDOWNS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL OF THE MANUFACTURERS INSTALLATION RECOMMENDATIONS.
- 4. HOLDOWN HARDWARE SHALL BE MANUFACTURED BY "SIMPSON STRONG TIE" CORP. OR EQUAL.
- 5. PROVIDE 3" MINIMUM COVER FOR ALL CONCRETE ANCHORS. 6. USE "SIMP" HPAHD22-2P HOLDOWNS IN LIEU OF HPAHD22 HOLDOWNS AT ALL
- TWO POUR FOUNDATION SYSTEMS. 7. INSTALL STANDARD NUTS, WASHERS AND COUPLERS AS REQUIRED 8. USE "SIMP" SSTBL @ ALL 3" SILL LOCATIONS.

PLAN CHECK REVISIONS ADDED "BRANDGUARD VENTS" LOOR PLAN LAYOUT swn REVISIONS

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FOUNDATION: (TO BE PROVIDED BY OTHERS) . FOUNDATIONS ARE DESIGNED FOR A 3000 POUNDS PER SQUARE FOOT ALLOW. SOIL BEARING PRESSURE UNLESS NOTED OTHERWISE. 2. MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 2500 psi. (5 SACKS OF CEMENT PER CUBIC YARD, 4" MAXIMUM SLUMP, 3/4" MAXIMUM

3. ALL CEMENT USED SHALL CONFORM TO A.S.T.M. C-150. 4. REINF. STEEL TO CONFORM TO A.S.T.M. A615-40

. HORIZONTAL OR VERTICAL REINFORCEMENT NOTED "CONT." SHALL HAVE A MINIMUM SPICE EQUAL TO

S. STAGGER ALL ADJACENT REINFORCEMENT SPLICES

'. #5 OR LARGER REINFORCEMENT STEEL SHALL NOT

SUBGRADE AT LIVING SPACES. USE 4" CONCRETE

SLAB WITH 6 x 6 - #10 / #10 W.W.M. OVER 4" CRUSHED ROCK OVER COMPACTED SUBGRADE AT OTHER SLAB

AREAS. INSTALL SLAB REINFORCEMENT AT CENTER LINE OF CROSS SECTIONAL AREA OF SLAB - TYPICAL FOUNDATION SILL PLATES SHALL BE BOLTED TO TH FOUNDATION WITH 1/2" DIA. x 10" ANCH. BOLTS AT

48" o.c. UNLESS OTHERWISE NOTED. BOLTS SHALL BE

EMBEDDED 7" INTO REINFORCED CONCRETE. THERE SHALL BE A MINIMUM OF TWO BOLTS PER PIECE WITH

0. ALL WOOD BEARING ON CONCRETE OR MASONRY, OR WITHIN 6" FROM THE GROUND SURFACE, SHALL BE

1. SAWCUT ALL SLABS WITH 1" DEEP CRACK CONTROL

JOINTS AT INTERVALS NOT TO EXCEED 30' o.c. EACH

12. REMOVE ALL TREES AND PLANTS, INCLUDING ALL

13. FINISH GRADE SHALL SLOPE AT 2% MINIMUM AWAY

16. CONCRETE AGGREGATES SHALL CONFORM TO

MANUFACTURER'S RECOMMENDATIONS.

4. PROVIDE UNDER FLOOR VENTILATION NOT LESS THAN 1/150 SQUARE FEET OF THE TOTAL UNDER FLOOR AREA PER

5. PROVIDE A MINIMUM OF A 18" x 24" FOUNDATION ACCESS TO ALL UNDER FLOOR AREAS PER U.B.C. SECTION 2306-3.

17. PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN

SLEEVES OR OTHER APPROVED METHOD, BUT MAY NOT

19. WHERE 1/2" DIA. x 10" ANCHOR BOLTS HAVE NOT BEEN

8. BOTTOM OF ALL FOOTING TRENCHES SHALL BE CLEAN AND

PROPERLY LOCATED, USE 1/2" DIAMETER "HILTI" KWIK-BOLTS

WITH 6" EMBEDMENT BELOW BOTTOM OF SLAB. INSTALL PER

ROOTS, WITHIN 5' FROM FOUNDATION.

PIECE. USE 2X2X3/16 FLAT CUT WASHERS.

PRESSURE TREATED.

U.B.C. SECTION 2306-7.

BE EMBEDDED THEREIN.

AFTER POUR.

ONE BOLT LOCATED WITHIN 12" OF EACH END OF EACH

. USE 4" CONC. SLAB WITH 6 x 6 - #10 /#10 W.W.M. OVER 2" OF CLEAN DAMP SAND OVER 6 MIL VAPOR BARRIER OVER 4" CRUSHED ROCK OVER COMPACTED

AGGREGATE SIZE.)

FOR #4 & SMALLER

48" MINIMUM

BF RFBFNT

AND A615-60 FOR #5 & LARGER U.O.N.

30 BAR DIAMETERS IN CONCRETE.

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FOUNDATION PLAN

Drawing No.

SHEET

FOUNDATION PLAN

NOTE: FIREPLACES WITH GAS APPLIANCES ARE REQUIRED TO HAVE THE FLUE DAMPER PERMANENTLY FIXED IN THE OPEN POSITION AND FIRPLACES WITH LPG APPLIANCES ARE TO HAVE NO "PIT" OR "SUMP" CONFIGURATIONS. (U.M.C. SEC. 912.1 AND SEC. 304.5)

NOTE:

THE INSPECTOR WILL RECHECK FOR EXPANSIVE SOILS AND / OR GRADING REQUIREMENTS AT THE FIRST FOUNDATION INSPECTION.

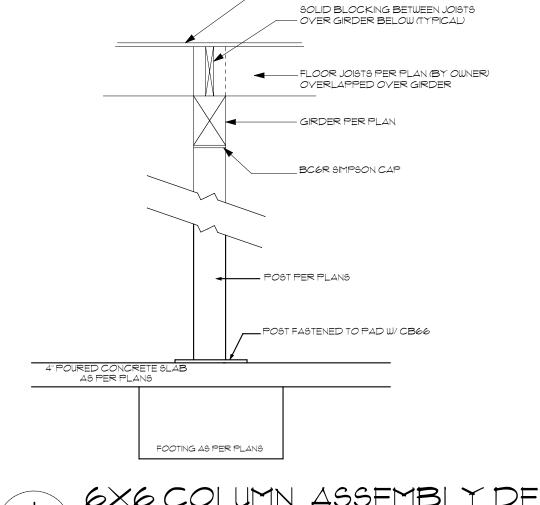
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NOT SO SPECIFIED ON THE BLUEPRINTS

FINISHED SQ. FOOTAGE CALCULATIONS FOR THIS BUILDING WERE MADE BASED ON PLAN DIMENSIONS ONLY AND MAY VARY FROM THE FINISHED SQ. FOOTAGE AS BUILT.

CALCULATIONS WERE MADE IN ACCORDANCE WITH ANSI Z765-1966. WOOD MEMBERS

A CERTIFICATE OF CONFORMANCE IS REQUIRED PRIOR TO FRAMING INSPECTION FOR ALL GLUE LAMINATED



6X6 COLUMN ASSEMBLY DETAIL

3) CONTRACTOR / OWNER IS TO VERIFY

SIZE, LOCATION, AND INSTALLATION SPAC'S. OF ALL WATER HEATERS AND MECHANICAL EQUIPMENT.

DISEE COVER SHEET FOR GENERAL

AND STRUCTURAL INFORMATION.

2) CONTRACTOR IS TO VERIFY ALL

DIMENSIONS IN FIELD.

4) PROVIDE SOFFITS, PLUMBING WALLS, AND CHASING FOR MECHANICAL AND PLUMBING AS REQUIRED. -(B.O)

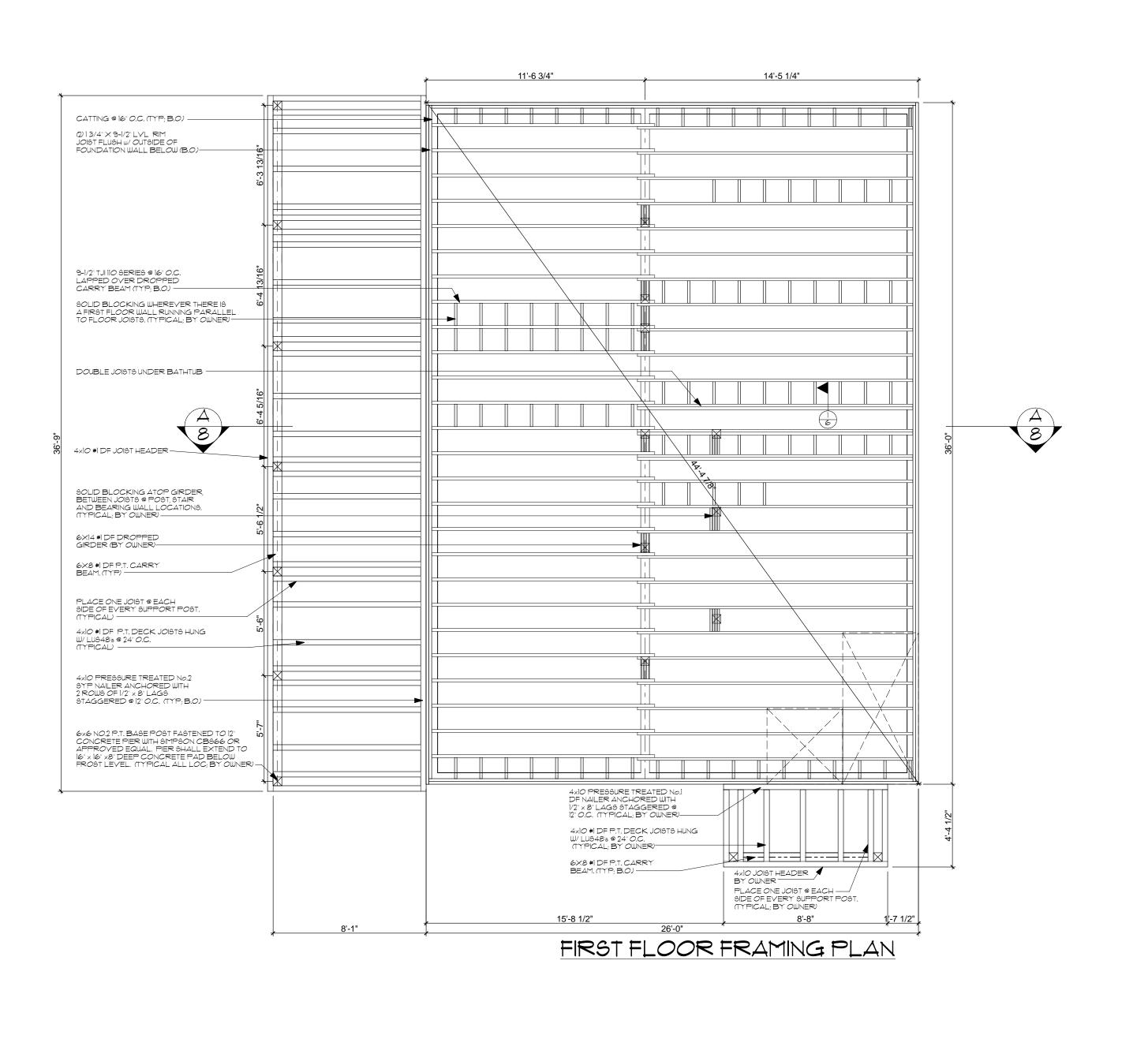
5) ATTACH ALL STUD WALLS TO LOG WALLS W/ (4) - 1/2" DIA. LAG BOLTS W/ WASHERS IN 1/2" DIA. x 1" LONG SLOTS-IN 4x D.F. STUD. - (B.O)

6) ALL DIMENSIONS ARE TO FACE OF FRAMING.

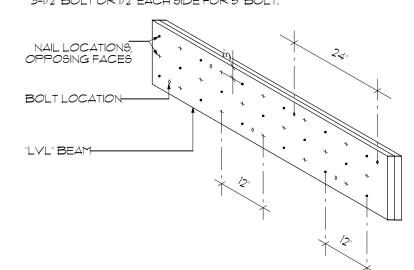
OTHERWISE NOTED. 8) PROVIDE FRESH AIR VENTALLATION TO MEET 1991 VENTALLATION AND INDOOR AIR QUALITY CODE (VIAQ) VIA MECHANICAL VENTALLATION

SYSTEM. (SECTION 305).

7) ALL STUD WALLS ARE 3-1/2" UNLESS -



*NAIL BEAM MEMBERS TOGETHER WITH 16a COMMON NAILS @ 12" O.C. (2 ROWS FOR BEAMS UP TO 12" DEEP; 3 ROWS FOR BEAMS OVER 12" DEEP) ON EACH FACE. *BOLT THROUGH ALL MEMBERS W/ 1/2" x 3-1/2" HEX MACHINE BOLT @ 24" O.C., STAGGERED FOR 3-PLY. (NUT & WASHERS) SUPPLIED FOR BOLTS). COUNTERSINK 3/8" EACH SIDE FOR 3-1/2" BOLT OR 1/2" EACH SIDE FOR 5" BOLT.



"LYL" BEAM NAIL & BOLT CONNECTIONS SCALE: NO SCALE

DISEE COVER SHEET FOR GENERAL AND STRUCTURAL INFORMATION.

2) CONTRACTOR IS TO VERIFY ALL DIMENSIONS IN FIELD.

3) CONTRACTOR / OWNER IS TO VERIFY SIZE, LOCATION, AND INSTALLATION SPAC'S. OF ALL WATER HEATERS AND MECHANICAL EQUIPMENT.

4) PROVIDE SOFFITS, PLUMBING WALLS, AND CHASING FOR MECHANICAL AND PLUMBING AS REQUIRED. -(B.O)

5) ATTACH ALL STUD WALLS TO LOG WALLS W/ (4) - 1/2" DIA. LAG BOLTS W/ WASHERS IN 1/2" DIA. \times 1" LONG SLOTS-IN 4× D.F. STUD. - (B.O)

6) ALL DIMENSIONS ARE TO FACE OF FRAMING.

7) ALL STUD WALLS ARE 3-1/2" UNLESS - OTHERWISE NOTED.

8) PROVIDE FRESH AIR VENTALLATION TO MEET 1991 VENTALLATION AND INDOOR AIR QUALITY CODE (VIAQ) VIA MECHANICAL VENTALLATION SYSTEM. (SECTION 305).

NOTE:

A CERTIFICATE OF CONFORMANCE IS REQUIRED PRIOR TO FRAMING INSPECTION FOR ALL GLUE LAMINATED WOOD MEMBERS

NOT SO SPECIFIED ON THE BLUEPRINTS.

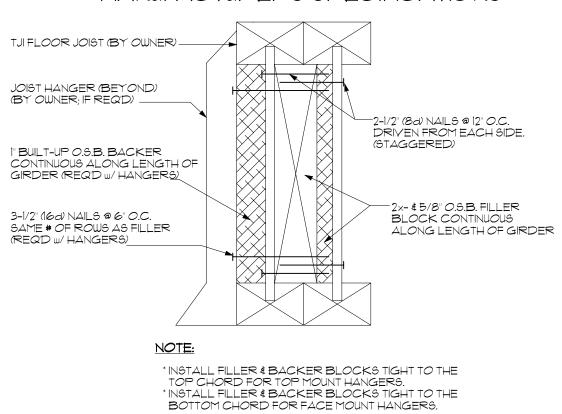
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FINISHED SQ. FOOTAGE CALCULATIONS FOR THIS BUILDING WERE MADE BASED ON PLAN DIMENSIONS ONLY AND MAY

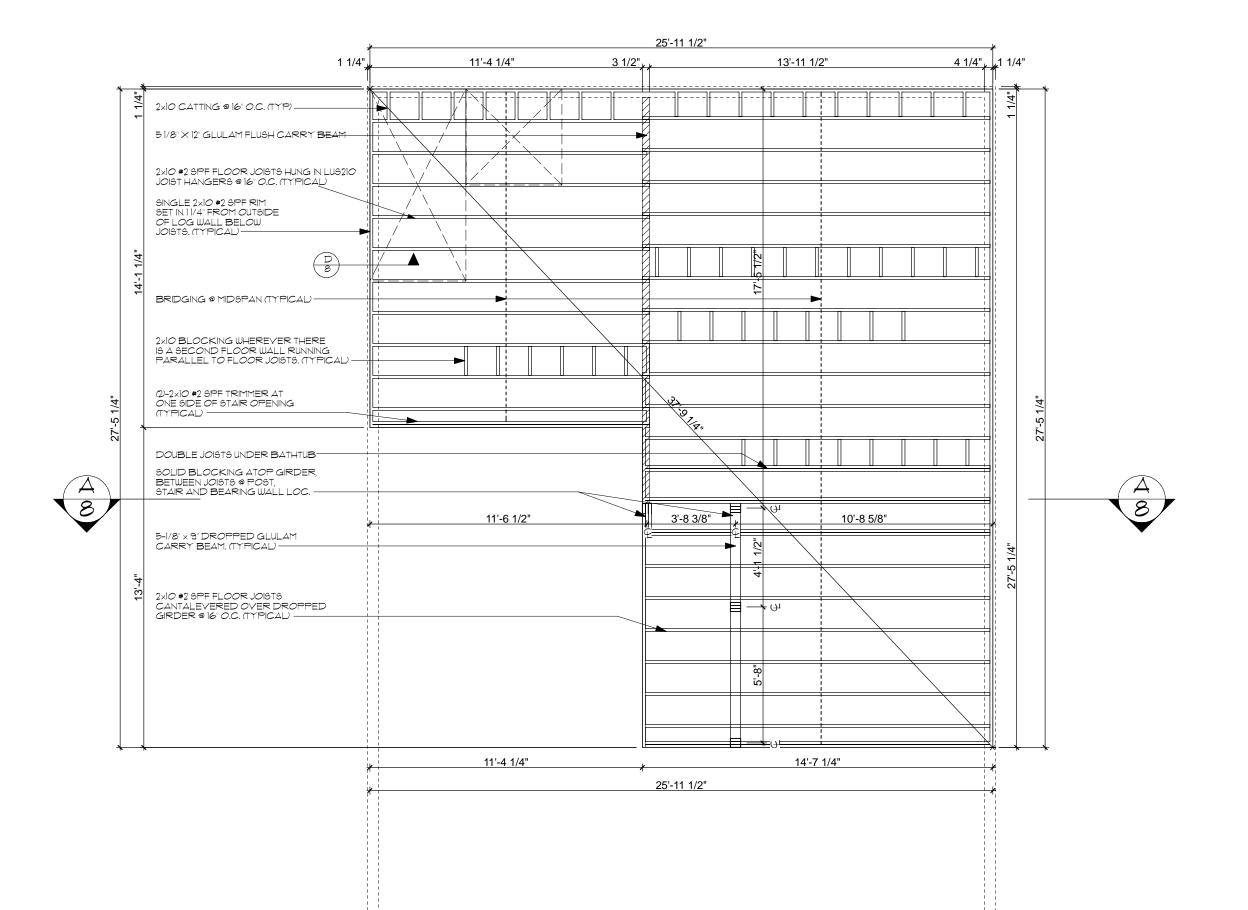
VARY FROM THE FINISHED SQ. FOOTAGE AS BUILT. CALCULATIONS WERE MADE IN

ACCORDANCE WITH ANSI Z765-1966.

INSTALL WOOD I-JOISTS AS PER MANUFACTURERS SPECIFICATIONS



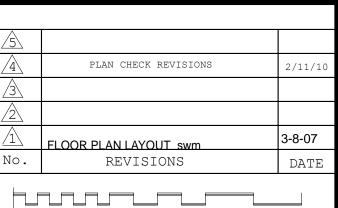
DOUBLE I-JOIST DETAIL 6 NOT TO SCALE



SECOND FLOOR FRAMING PLAN

FLOOR FRAMING:

- . FLOOR SHEATHING: 3/4" STANDARD T & G, O.S.B, APA #48/24 MIN. GLUE AND NAILED TO FRAMING WITH 10d NAILS AT 6" o.c. EDGE NAILING (E.N.) AND 10" o.c. FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED. PERPENDICULAR TO THE DIRECTION OF THE STAGGER ALL END JOINTS AND RUN PLYWOOD FRAMING. (NOTE: 10d RING SHANKS ARE RECOMMENDED
- IN LIEU OF 10d NAILS (B.O.)) 2. TRUSS DESIGN BY TRUSS MANUFACTURER (WHERE APPLICABLE). NOTE: TJI, MICRO-LAM, AND PARALLAM ARE TRADE MARK NAMES OF
- "TRUS-JOIST" CORP. 3. PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITION WALLS AND UNDER TUBS, etc.
- 4. PROVIDE EDGE NAILING TO ALL BLOCKING OR RIM
- 5. PROVIDE CONTINUOUS BLOCKING OVER ALL
- BEARING WALLS, SHEAR WALLS, BEAMS, AND
- HEADERS.
 6. CARRY UPPER LEVEL POSTS INTO LOWER LEVELS
- AND PROVIDE SOLID BLOCKING UNDER ALL POSTS IN FLOORS.
 7. ALL FIRST FLOOR FRAMING MATERIALS ARE (B.O.).
- 8. PROVIDE RIM JOIST (PER PLAN) AT FIRST LEVEL
- FLOOR FRAMINGTO ACCEPT LAGS.
- 9. DECK SUPPORT POSTS (B.O.).
- 10. PROVIDE MID-SPAN BLOCKING TYPICAL.
- 11. SECOND LEVEL STUD WALLS AND FLOOR FRAMING ARE TO BE INSET APPROX. 1 1/4" FROM BEARING SURFACE
- OF LOG WALL BELOW WHEN LOG SIDING IS USED AT SECOND LEVEL - VERIFY IN FIELD.



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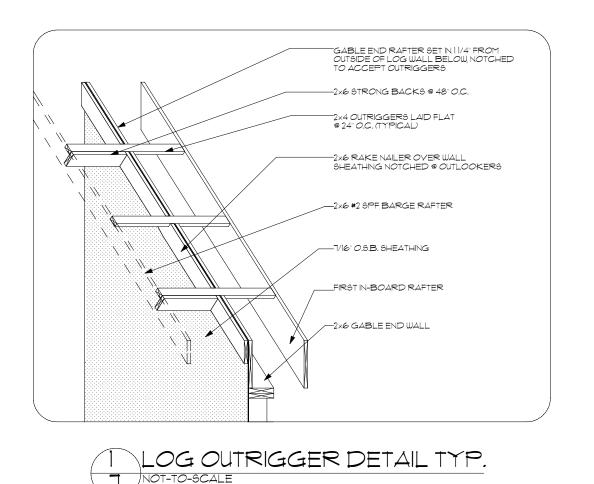
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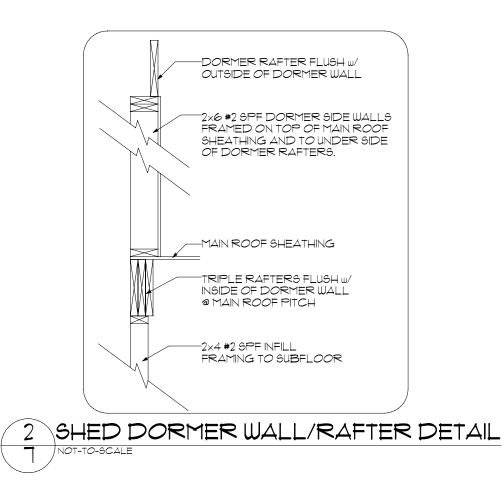
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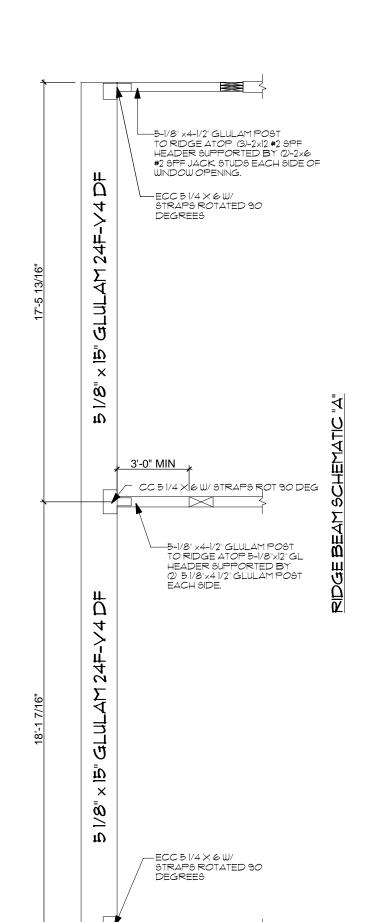
FLOOR FRAMING

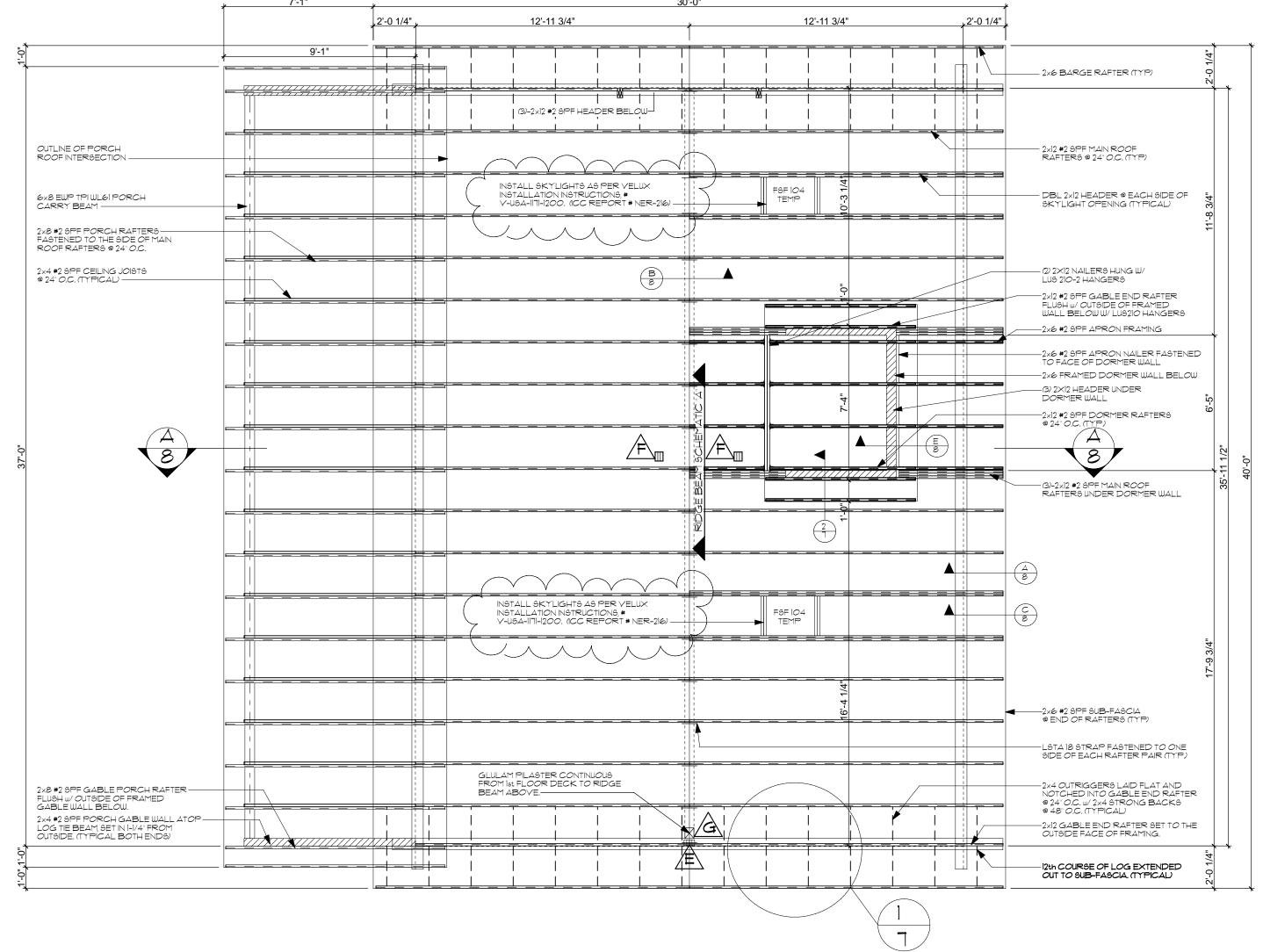
Drawing No.

POST DESIGNATION KEY					
	SIZE	SPECIES			
Д	(3) 2×4	#2 SPF			
В	(3) 2×6	#2 SPF			
C	4×6	EASTERN WHITE PINE TPI WALL LOG 61			
D	6×6	EASTERN WHITE PINE TPI WALL LOG 61			
E	3-1/8"×6"	GLULAM 24F-V4 DF			
F	5 -1/8"×4 1/2"	GLULAM 24F-V4 DF			
G	5 -1/8"x6"	GLULAM 24F-V4 DF			









ROOF FRAMING PLAN

NOTE:

PAPER FACED INSULATION IS NOT PERMITTED IN ATTICS OR OTHER VENTILATED SPACES

DISEE COVER SHEET FOR GENERAL AND STRUCTURAL INFORMATION.

2) CONTRACTOR IS TO VERIFY ALL DIMENSIONS IN FIELD.

3) CONTRACTOR / OWNER IS TO VERIFY SIZE, LOCATION, AND INSTALLATION SPAC'S. OF ALL WATER HEATERS AND MECHANICAL EQUIPMENT.

4) PROVIDE SOFFITS, PLUMBING WALLS, AND CHASING FOR MECHANICAL AND PLUMBING AS REQUIRED. -(B.O)

5) ATTACH ALL STUD WALLS TO LOG WALLS W/ (4) - 1/2" DIA. LAG BOLTS W/ WASHERS IN 1/2" DIA. \times 1" LONG SLOTS-IN 4× D.F. STUD. - (B.O)

6) ALL DIMENSIONS ARE TO FACE OF FRAMING.

7) ALL STUD WALLS ARE 3-1/2" UNLESS -OTHERWISE NOTED.

8) PROVIDE FRESH AIR VENTALLATION TO MEET 1991 VENTALLATION AND INDOOR AIR QUALITY CODE (VIAQ) VIA MECHANICAL VENTALLATION SYSTEM. (SECTION 305).

NOTE:

A CERTIFICATE OF CONFORMANCE IS REQUIRED PRIOR TO FRAMING INSPECTION FOR ALL GLUE LAMINATED WOOD MEMBERS

THE BLUEPRINTS SUPPLIED BY LINCOLN LOGS LTD. ARE COMPILED FOR CONSTRUCTION PURPOSES AND DEPICT MATERIALS AS REQUIRED BY GENERALLY ACCEPTED DESIGN AND ENGINEERING STANDARDS. THE MATERIALS SUPPLIED BY LINCOLN LOGS LTD. ARE GOVERNED BY YOUR SALES AGREEMENT AND APPROPRIATE ADDENDUMS. ALL OTHER MATERIALS ARE PRESUMED TO BE SUPPLIED "BY OWNER" EVEN IF THEY ARE NOT SO SPECIFIED ON THE BLUEPRINTS.

FINISHED SQ. FOOTAGE CALCULATIONS FOR THIS BUILDING WERE MADE BASED ON PLAN DIMENSIONS ONLY AND MAY VARY FROM THE FINISHED SQ. FOOTAGE

AS BUILT. CALCULATIONS WERE MADE IN ACCORDANCE WITH ANSI Z765-1966.

NOTES:

** RADIANT BARRIER IS REQUIRED ** ROOFING SHALL BE A MIN CLASS "A" FIRERATING

ROOF FRAMING:

1. ROOF SHEATHING: 5/8" STANDARD, CDX, O.S.B., (OR PLYWD.) APA #32/16 MIN. NAILED TO FRAMING WITH 8d NAILS AT 6" o.c. EDGE NAILING (E.N.) AND 12" o.c. FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED. STAGGER ALL END JOINTS AND RUN PLYWOOD PERPENDICULAR TO THE DIRECTION OF THE FRAMING.

. TRUSS DESIGN BY TRUSS MANUFACTURER (WHERE APPLICABLE). NOTE: TJI, MICRO-LAM, AND PARALLAM ARE TRADE MARK NAMES OF "TRUS-JOIST" CORP.

B. PROVIDE EDGE NAILING TO ALL BLOCKING OR RIM JOISTS. CONNECT ALL BLOCKING OR RIM JOISTS, WHICH OCCUR IN SHEAR WALL LINES, TO TOP PLATES WITH "SIMP." A35 FRAMING CLIPS AT 48" o.c. UNLESS NOTED OTHERWISE. 4. PROVIDE CONTINUOUS BLOCKING OVER ALL BEARING WALLS, SHEAR WALLS, BEAMS, AND

5. NO STRUCTURAL PANEL SHALL BE LESS THAN 12" IN ITS LEAST DIMENSION. 6. USE 5/8" THICK GYPSUM BOARD (SHEET ROCK) WHERE WOOD FRAMING IS SPACED AT 24" o.c. ATTACH TO FRAMING WITH GYP. BOARD SCREWS AT 10" o.c. MAX. SCREWS SHALL BE LONG ENOUGH TO PENETRATE INTO THE WOOD FRAMING A MINIMUM OF 3/4". STAGGER ALL END JOINTS AND RUN THE GYP. BOARD PERPENDICULAR TO THE

DIRECTION OF THE FRAMING. 7. PROVIDE FREE VENTILATING AREA NOT LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED PER

8. PROVIDE 22" x 30" MINIMUM ATTIC ACCESS PER BOCA SECTION 1211.2. 9. TOP CHORD OF TRUSS TO BE 2x4 MINIMUM. SEE TRUSS CALCULATIONS FOR ADDITIONAL INFORMATION.

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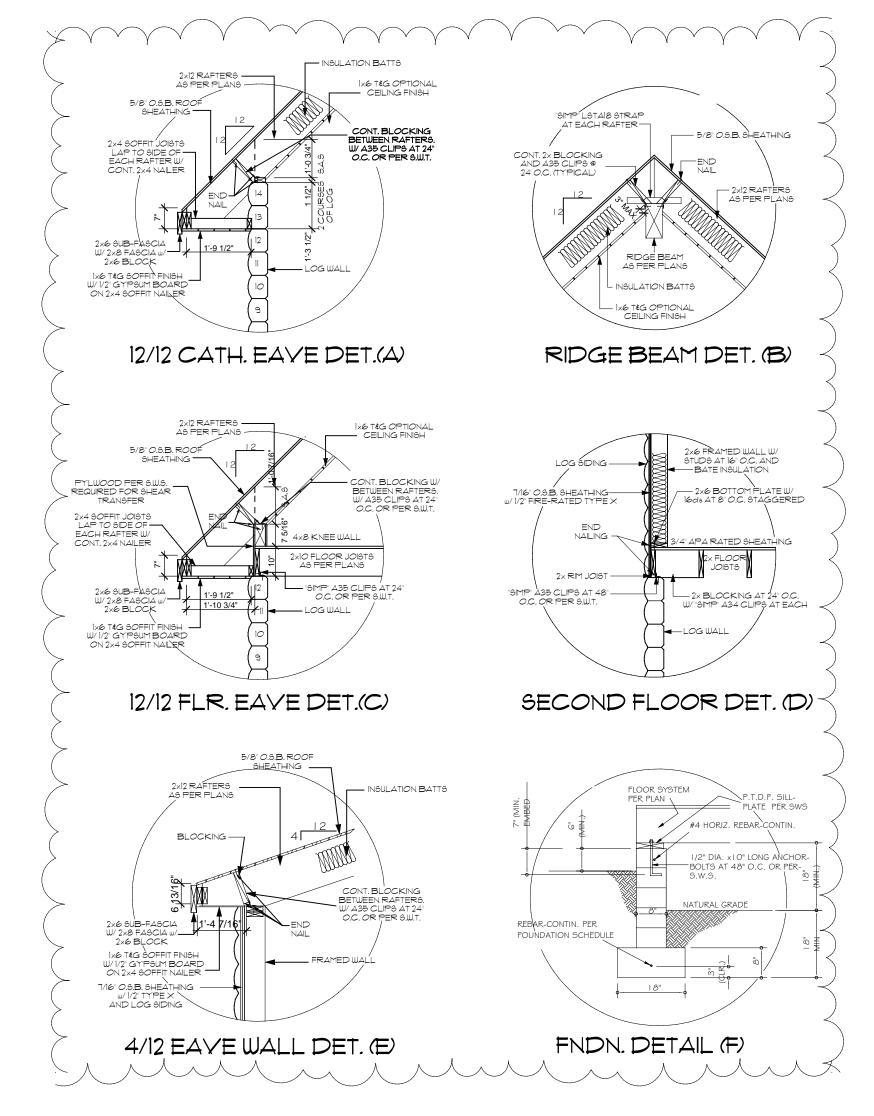
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ROOF FRAMING

Drawing No.

I-I/2" MIN. / 2" MAX. SMOOTH SURFACED FLOOR SYSTEM HAND GRIPS. ----3/4" PLYWD. TREADS VERIFY W/ PLANS OR EQUIV. @ EXT. USE 6X6 RAILING POSTS (6.5' O.C. MAX) NOTCH 2X6 DECKING MATL. BOTTOM OF POST "SIMP" U210 HGR. -3/8" PLYWD. OR EQUIV. (MINIMUM 2-1/2" REMAINING) AS REQ'D 2x12 No.2 D.F. STAIR RISER NECESSARY AROUND 2x12 STRINGERS AT 12 WHEN USING 2X6 STRINGER. O.C. MAX. DECKING MATL. FOR 2x SOLID FIRE BLOCKING THE TREAD TO RUN CONT. PROVIDE BEARING WALL W/ STAIR STRINGER. OR HEADER AS REQ'D. TO SUPPORT STAIR 2x12 No.2 D.F. STAIR BOARD AT SOFFIT STRINGERS - SEE FLR. AREAS FOR I HR. REQ STRINGERS AT 12" O.C 7'-0" MAX FRAMING PLAN. -2x SOLID FIRE 5/8" TYPE "X" GYP. BLOCKING BOARD AT SOFFIT AREAS FOR I HR. REQ.--2x6 No.2 SYP PRESSURE TREATED (2) 5/8" DIA. BOLTS W/ NUTS, 2x STUDS AT 16" O.C. NAILER (CONNECTION WASHERS & LOCK WASHERS (NON-BEARING) -TO CONCRETE ONLY, AS REQ'D. OTHERWISE 2x6 DF)

TYP. CONST. STAIR SECTION



NOTE:

DISEE COVER SHEET FOR GENERAL AND STRUCTURAL INFORMATION.

2) CONTRACTOR IS TO VERIFY ALL DIMENSIONS IN FIELD.

3) CONTRACTOR / OWNER IS TO VERIFY SIZE, LOCATION, AND INSTALLATION SPAC'S. OF ALL WATER HEATERS AND MECHANICAL EQUIPMENT.

4) PROVIDE SOFFITS, PLUMBING WALLS, AND CHASING FOR MECHANICAL AND PLUMBING AS REQUIRED. -(B.O)

5) ATTACH ALL STUD WALLS TO LOG WALLS W/ (4) - 1/2" DIA. LAG BOLTS W/ WASHERS IN 1/2" DIA. \times 1" LONG SLOTS-IN 4× D.F. STUD. - (B.O)

6) ALL DIMENSIONS ARE TO FACE OF FRAMING.

7) ALL STUD WALLS ARE 3-1/2" UNLESS -OTHERWISE NOTED.

8) PROVIDE FRESH AIR VENTALLATION TO MEET 1991 VENTALLATION AND INDOOR AIR QUALITY CODE (VIAQ) YIA MECHANICAL YENTALLATION SYSTEM. (SECTION 305).

A CERTIFICATE OF CONFORMANCE IS REQUIRED PRIOR TO FRAMING INSPECTION FOR ALL GLUE LAMINATED WOOD MEMBERS

THE BLUEPRINTS SUPPLIED BY LINCOLN LOGS LTD. ARE COMPILED FOR CONSTRUCTION PURPOSES AND DEPICT MATERIALS AS REQUIRED BY GENERALLY ACCEPTED DESIGN AND ENGINEERING STANDARDS. THE MATERIALS SUPPLIED BY LINCOLN LOGS LTD. ARE GOVERNED BY YOUR SALES AGREEMENT AND APPROPRIATE ADDENDUMS, ALL OTHER MATERIALS ARE PRESUMED TO BE SUPPLIED "BY OWNER" EVEN IF THEY ARE ACCORDANCE WITH ANSI Z765-1966. NOT SO SPECIFIED ON THE BLUEPRINTS

FINISHED SQ. FOOTAGE CALCULATIONS FOR THIS BUILDING WERE MADE BASED ON PLAN DIMENSIONS ONLY AND MAY VARY FROM THE FINISHED SQ. FOOTAGE

AS BUILT. CALCULATIONS WERE MADE IN

STAIR NOTES:

(I) ALL STAIRS ARE TO HAVE A MINIMUM WIDTH OF 36" (HANDRAILS MAY PROJECT INTO THE REQID. WIDTH A DISTANCE OF 3.5" FROM EACH SIDE OF STAIRWAY.

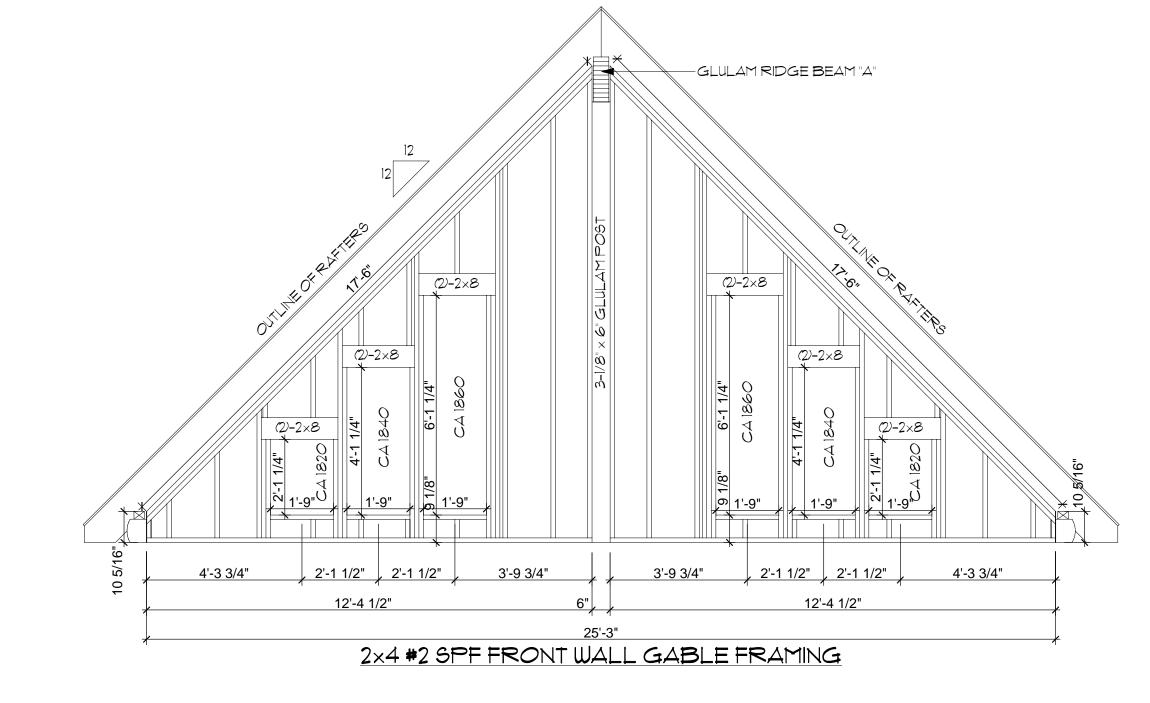
(2) RISE & RUN: THE RISE OF EVERY STEP IN A STAIRWAY SHALL NOT BE LESS THAN OR GREATER THAN 8". THE RUN SHALL NOT BE LESS THAN 9" AS MEASURED HORIZ. BETWEEN THE VERTICAL PLANES OF THE FURTHERMOST PROJECTION OF ADJACENT (3) THE TOP OF HANDRAILS & HANDRAIL EXTENSIONS SHALL BE PLACED NOT LESS THAN 34" NOR MORE THAN 36" ABOVE NOSING OF TREADS & LANDINGS, HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS. (4) THE HAND GRIP PORTION OF HANDRAILS SHALL NOT BE LESS THAN 1.5" OR

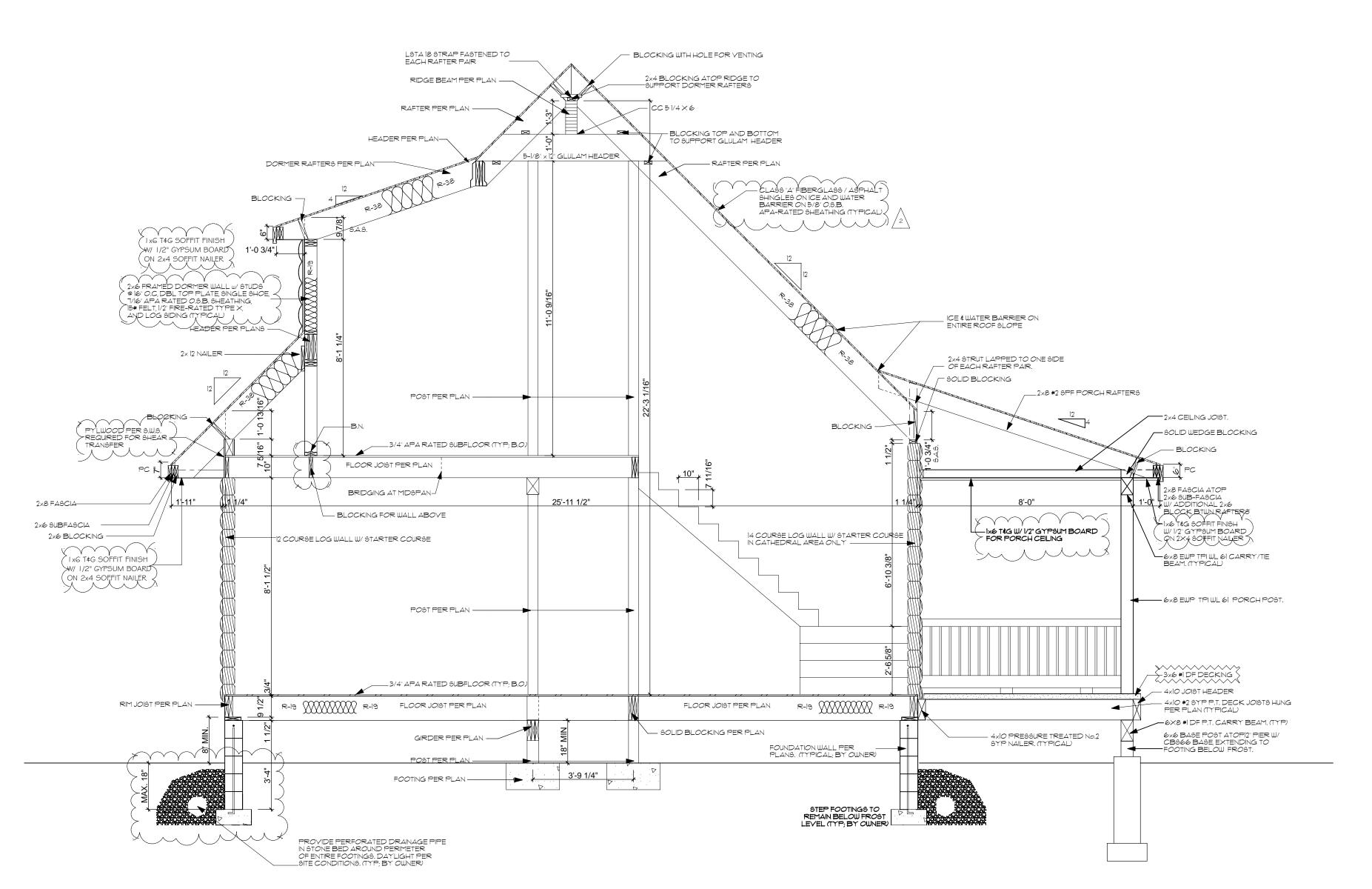
THAN 2" IN CROSS-SECTIONAL DIMENSION OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. THE HAND GRIP PORTION OF HANDRAILS SHALL HAVE A SMOOTH SURFACE WITH NO SHARP CORNERS.

(5) HANDRAILS PROJECTING FROM A WALL SHALL NOT HAVE A SPACE LESS THAN 1.5" BETWEEN THE WALL & HANDRAIL.

(G) PROVIDE 36" HIGH MIN. GUARDRAILS FOR DECKS, BALCONIES, PORCHES, ANDINGS, LOFTS, ETC..... WHEN FINISHED FLOOR HEIGHT EXCEEDS 30" FROM

OR FINISHED FLOOR BELOW. ANY OPENINGS IN GUARDRAILS SHALL BE SPACED SUCH THAT A 4" SPHERE CANNOT PASS THROUGH.
(7) EVERY STAIRWAY SHALL HAVE HEADROOM CLEARANCE OF NOT LESS THAN 6'8". SUCH CLEARANCES SHALL BE MEASURED VERTICALLY FROM PLANE PARALLEL \$ TANGENT TO THE STAIRWAY TREADS NOSING TO THE SOFFIT ABOVE AT ALL POINTS. (8) ALL WALLS \$ SOFFIT OF THE ENCLOSED SPACE SHALL BE PROTECTED ON THE ENCLOSED SIDE AS REQ'D FOR ONE-HOUR FIRE RESISTIVE CONSTRUCTION.





SECTION A-A

STAIRS AND HANDRAILS:

- I<u>. STAIRS:</u> A. 7 3/4" MAXIMUM RISE, 10" MINIMUM TREAD WIDTH, 6'-8" MINIMUM HEADROOM WITH 36" MINIMUM WIDTH. 3. HANDRAILS TO 34" (MIN.) TO 38" (MAX.) ABOVE TREAD NOSE AND TO BE CONTINUOUS FOR FULL LENGTH OF STAIRS - END RETURNED. HAND GRIP PORTION TO BE NOT LESS THAN 1 1/4" NOR MORE THAN 2" AND TO HAVE SMOOTH SURFACES WITH NO SHARP CORNERS.
- GUARDRAILS SHALL BE 42" HIGH MINIMUM WITH OPEN GUARDRAILS THAT SHALL HAVE INTERMEDIATE RAILS OR ORNAMENTAL PATTERN SUCH THAT A SPHERE 4 INCHES IN DIA. CANNOT PASS THROUGH.

. THE TOP RAILINGS AND HANDRAIL EXTENSIONS SHALL

BE PLACED NO LESS THAN 34 INCHES OR MORE THAN

38 INCHES ABOVE THE CONTINUOUS THE FULL LENGTH

OF THE STAIRS AND, EXCEPT FOR PRIVATE STAIRWAYS, AT LEAST ONE HANDRAIL SHALL EXTEND IN THE DIRECTION OF THE STAIR RUN NOT LESS THAN 12 INCHES BEYOND THE TOP RISER OR LESS THAN 12 INCHES BEYOND THE BOTTOM RISER. ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS.

. ALL STAIRS EXTERIOR OR INTERIOR ARE (B.O.) ELECTRICAL AND PLUMBING:

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH ALL CODES, RULES AND REGULATIONS AND SHALL COMPLY WITH THE REQUIREMENTS OF THE SERVING POWER AND TELEPHONE COMPANIES.
- 2. ALL EQUIPMENT INSTALLED OUTDOORS AND EXPOSED TO WEATHER SHALL BE ON G.F.I. CIRCUIT
- AND WEATHERPROOF. . ALL OUTLETS LOCATED IN GARAGE, LAUNDRY, KITCHEN,
- AND BATHS TO HAVE GROUND FAULT INTERRUPTERS. RECEPTACLES IN KITCHEN AND BATHS SHALL BE INSTALLED ABOVE COUNTERTOPS.
- . PROVIDE SWITCHED OUTLETS 18" ABOVE FLOOR FOR GARBAGE DISPOSAL.
- 5. INSTALL SMOKE DETECTORS ON PERMANENTLY WIRED CIRCUIT (NOT G.F.I.) AT LOCATION INDICATED ON ELECTRICAL PLAN. ALL SMOKE DETECTORS SHALL
- BE HARDWIRED AND EQUIPPED WITH A BATTERY . PROVIDE WIRING FOR RANGE, HOOD, LIGHT AND
- FAN AT 72" ABOVE FLOOR AS APPLICABLE. 7. PROVIDE 220V OUTLET FOR WATER HEATER AND
- HEATING EQUIPMENT. 8. ALL GAS FIRED EQUIPMENT IN GARAGE TO BE ON 18" HIGH WOOD PLATFORM, SEISMICALLY BRACED. 9. CLOSET LIGHTING SHALL BE 18" MINIMUM FROM
- COMBUSTIBLES.MEASURED BOTH VERTICALLY AND HORIZONTALLY. 10. PROVIDE MECHANICAL VENTILATION SYSTEM CAPABLE OF PROVIDING FIVE AIR CHANGES PER HR.

PER UBC 1203.3.

OF 6 FEET ABOVE FLOOR.

- 1. WHERE REQUIRED, PROVIDE 12" x 14" PLUMBING ACCESS AT TUBS AND SHOWERS. 12. WATERPROOF MATERIAL SHALL BE INSTALLED AROUND TUBS AND SHOWERS TO A MINIMUM HEIGHT
- 13. INSTALL A 18" x 24" CRAWL SPACE ACCESS WITHIN
- 14. BATHROOM AND UTILITY ROOM FANS ARE TO BE CAPABLE OF FIVE AIR CHANGES PER HOUR PER
- 15. KITCHEN AND BATHROOM LIGHTS ARE TO MEET ALL STANDARDS.

20' OF ANY PLUMBING CLEANOUT.

16. RECEPTACLES SHALL BE INSTALLED VERTICALLY AT 12" ABOVE THE FINISHED FLOOR.

5		
4	PLAN CHECK REVISIONS	2/11/10
3		
2	PLAN CHECK REVISIONS (GWD)	4/8/08
1	SECT A DECKING NOTE TO DF (ALZ)	10/26/06
No.	REVISIONS	DATE

THE ORIGINAL

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Status	FINAL DRAWING
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Drawing No.

- I. ALL WORK SHALL BE IN ACCORDANCE WITH ALL CODES, RULES AND REGULATIONS AND SHALL COMPLY WITH THE REQUIREMENTS OF THE SERVING POWER AND TELEPHONE COMPANIES.
- 2. RECEPTACLES AT THE EXTERIOR OF THE HOME MUST BE LOCATED WITHIN 6'-6" OF GRADE, GFI PROTECTED AND WATERPROOF PER NEC 210-52
- 3.APPLIANCES INSTALLED IN A GARAGE GENERATING A GLOW SPARK, OR FLAME TO BE LOCATED 18" ABOVE FLOOR AND SEISMICALLY BRACED. UMC 508 4.WATER HEATERS SHALL BE ANCHORED OR STRAPPED TO RESIST
- HORIZONTAL DISPLACEMENT DUE TO EARTHQUAKE MOTION. STRAPPING SHALL BE AT POINTS WITHIN THE UPPER AND LOWER ONE THIRD OF ITS VERTICAL DIMENSIONS. AT THE LOWER POINT A MINIMUM DISTANCE OF 4" SHALL BE MAINTAINED ABOVE THE CONTROLS WITH THE STRAPPING. UNITS SHALL BE SSECURED BY I-I/2" x 16 GAUGE STRAPS AND 5/16" x 3" LAG SCREWS ANCHORED INTO WALL FRAMING MEMBERS. CPC 510
- 5.GARAGES CONTAINING GAS FIRED WATER HEATERS AND/ OR FURNACES SHALL HAVE COMBUSTION AIR OPENINGS WITHIN I 2" OF THE FLOOR AND THE HIGHEST POINT IN THE GARAGE. 6. PROVIDE I I OV OUTLET FOR WATER AND HEATING EQUIPMENT 7.T&P RELIEF VALVES TO TERMINATE OUTSIDE OF BLDG. WITHIN 6" TO 24" OF THE GROUND. UPC 608
- FROM THE FLOOR OF GARAGES OR AREAS WHERE FLAMMABLE VAPORS MAY EXIST. 9. ALL ELECTRICAL OUTLETS LOCATED ON THE OPPOSITE SIDE OF RATED FIRE WALLS SHALL HAVE A MIN. 24" HORIZONTAL

8.RECEPTICLE OUTLETS SHALL BE INSTALLED A MINIMUM OF 18"

- SEPERATION. NEC 4304E-2 IO. PROVIDE ACCESS AND CLEARANCE AT WATER HEATER
- UPC 1311 I I.PROVIDE GFI PROTECTION FOR RECEPTACLES IN THE BATHROOM, KITCHEN & GARAGE. GFI PROTECTION IS REQUIRED FOR ALL KITCHEN COUNTER RECEPTACLES. NEC 210-8(1,2\$6)
- 12. AT THE DISHWASHER AND GARBAGE DISPOSAL. AN AIR-GAP IS TO BE INSTALLED TO CONFORM W/ UBC 608A. 13. A NON-REMOVABLE BACK FLOW PREVENTION DEVICE IS TO BE
- PROVIDED AT ALL EXT. ON HOSE BIBS. UPC 603 14.DROP-EARED FITTINGS SHALL BE INSTALLED ON ALL FIXTURES AND HOSE BIB OUTLETS AND SECURELY FASTENED TO ADEQUATE BACKING WITH SCREWS.
- 15.DRAINAGE SYSTEM SHALL BE TESTED WITH A MINIMUM 8'-O" OF HEAD ABOVE FLOOR LEVEL. SECOND FLOOR TUBS SHALL BE TESTED TO A LEVEL ABOVE TUB OVERFLOW.
- 16. "P" TRAPS INSTALLED BETWEEN FLOORS AND CONCEALED INSIDE WALLS SHALL HAVE A SOLID CONNECTION IN THE TRAP SEAL. 17. ALL WATER SUPPLY PIPING FOR A BUILDING SUPPLY FOR
- RESIDENTIAL STRUCTURES SHALL BE A MINIMUM OF I" 18.WATER CLOSET TO BE MAX. 1.6 GAL. PER FLUSH PER CALIF. HEALTH AND SAFETY CODE. 19. SHOWER AND TUB-SHOWER COMBINATIONS SHALL BE PROVIDED
- WITH INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE UPC 420.0 20. THE DRYER EXAUST TO BE SMOOTH METAL DUCT EXTENDING TO THE OUTSIDE AND EQUIPPED WITH A BACK DRAFT DAMPER. UMC 504, 908.
- 21. PROVIDE SWITCHED OUTLETS 18" ABOVE FLOOR FOR GARBAGE DISPOSAL.
- 22.CLOSET LIGHTING SHALL BE 18" MIN. FROM COMBUSTABLES MEASURED BOTH VERTICALLY AND HORIZONTALLY.
- 23.INSTALL SMOKE DETECTORS ON PERMANENTLY WIRED CIRCUIT (NOT GFI) AT LOCATION INDICATED ON THE ELECTRICAL PLAN. ALL SMOKE DETECTORS SHALL BE HARDWIRED AND EQUIPPED WITH A BATTERY BACK-UP, PER SECTION 310.9.1, CBC. ** ALL SMOKE DETECTORS SHALL BE INTERCONNECTED TO ACTIVATE ALL ALARMS IN DWELLING.
- 24.USE ONLY CEC CERTIFIED APPLIANCES, SHOWER HEAD, AND
- 25.ALL INSTALLATION INSTRUCTIONS FOR ALL LISTED EQUIPMENT SHALL BE PROVIDED TO THE FIELD INSPECTOR AT THE TIME OF INSPECTION. UMC 303.1
- 26.TERMINATION OF ALL ENVIRONMENTAL AIR DUCTS SHALL BE MINIMUM OF 3'-O" FROM PROPERTY LINES OR ANY OPENINGS IN THE BUILDING (I.e. DRYERS, BATHS AND UTILITY FANS, ETC. MUST BE 3'-0" AWAY FROM DOORS, WINDOWS, OPENING SKYLIGHTS OR ATTIC VENTS. UMC 504.6 27. FACTORY-MADE FLEXIBLE AIR DUCTS ARE TO BE INSTALLED ACCORING TO THEIR INSTALLATION INSTRUCTIONS AND

STANDARDS SET BY THE CODE AND ARE TO USE UL 1810

- TAPE. UMC 601.2 28.CONDUCTOR WIRES WITH AN ISULATED NEUTRAL AND A FOUR-PRONG OUTLET ARE REQ'D. FOR DRYERS AND COOKING UNITS. NEC 250-60.
- 29. SUPPLY TWO SMALL APPLIANCE BRANCH CIRCUITS FOR THE KITCHEN THAT ARE LIMITED TO SUPPLYING WALL AND COUNTER SPACE OUTLETS. THEY CANNOT SERVE THE DINING ROOM, OUTSIDE PLUGS, RANGE HOOD DISPOSALS, DISHWASHERS OR MICROWAVES-ONLY THE REQUIRED COUNTER-TOP/ WALL OUTLETS INCLUDING THE REFRIDGEERATOR NEC 210-52(b).
- 30.PROVIDE A DEDICATED 20 AMP CIRCUIT TO SERVE THE BATHROOM OUTLETS. ALSO PROVIDE A DEDICATED 20 AMP CIRCUIT TO SERVE THE LAUNDRY OUTLETS. THESE CIRCUITS SHALL SERVE NO OTHER OUTLETS. NEC 210-11(2),(3)
- 31. PROVIDE 20'-LONG CONCRETE ENCASED ELECTRODE IN PERIMETER FOOTING. NEC 250-81(c) 32. PROVIDE EAVE MOUNTED WP/GFI OUTLETS FOR OUTSIDE CHRISTMAS LIGHTS AT BUILDING FRONT AND REAR. SUCH
- OUTLETS TO BE SWITCH OPERATED. 33. ALL INCANDESCENT FIXTURES RECESSED INTO INSULATED AREAS SHALL BE APPROVED FOR ZERO CLEARANCE INSULATION COVER.
- 34. ALL BRANCH CIRCUITS SUPPLYING 125-v, SINGLE-PHASE, 15-20 AMP OUTLETS IN BEDROOMS SHALL BE PROTECTED BY ARC-FAULT-GIRCUIT INTERRUPTERS. NEC2 10-1 2/61 . 35. FLYORESCENT FIXTURES MUST BE OF THE BALLASTED TYPE THAT ONLY ACCEPTS FLUORESCENT BULBS WITK A MINIMUM EFFICACY OF 40 LUMENS PER WATT. 36. AT LEAST HALF THE INSTALLED WATTAGE OF
- LUMANAIRES IN KITCHEN SHALL BE HIGH EFFICACY: ALL OTHER FIXTURES MUST BE SWITCHED < SEPARATELY. FORM WS-5R RESIDENTIAL LIGHTING WORKSHEET SHALL BE COMPLETE AND MADE A
- PERMANENT PART OF PLANS. 37. HIGH EFFICACY LUMANAIRES OR PHOTO-CONTROL/
- MOTION-SENSOR COMBINATION REQUIRED FOR
- MECHANICAL EQUIPMENT. EACH OUTDOOR LIGHTING FIXTURE. 4) PROVIDE SOFFITS, PLUMBING WALLS, AND CHASING FOR MECHANICAL AND PLUMBING AS REQUIRED. -(B.O)
- 5) ATTACH ALL STUD WALLS TO LOG WALLS W/ (4) - 1/2" DIA. LAG BOLTS W/ WASHERS IN 1/2" DIA. \times 1" LONG SLOTS-IN 4× D.F. STUD. - (B.O)
- 6) ALL DIMENSIONS ARE TO FACE OF FRAMING. 7) ALL STUD WALLS ARE 3-1/2" UNLESS -OTHERWISE NOTED.

DISEE COVER SHEET FOR GENERAL

AND STRUCTURAL INFORMATION.

2) CONTRACTOR IS TO VERIFY ALL

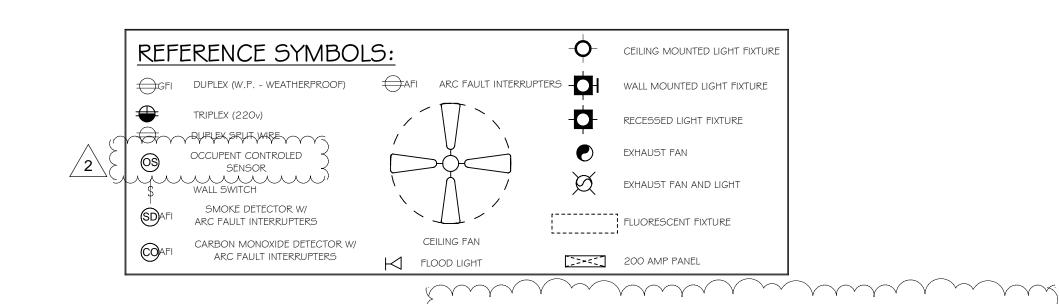
3) CONTRACTOR / OWNER IS TO VERIFY

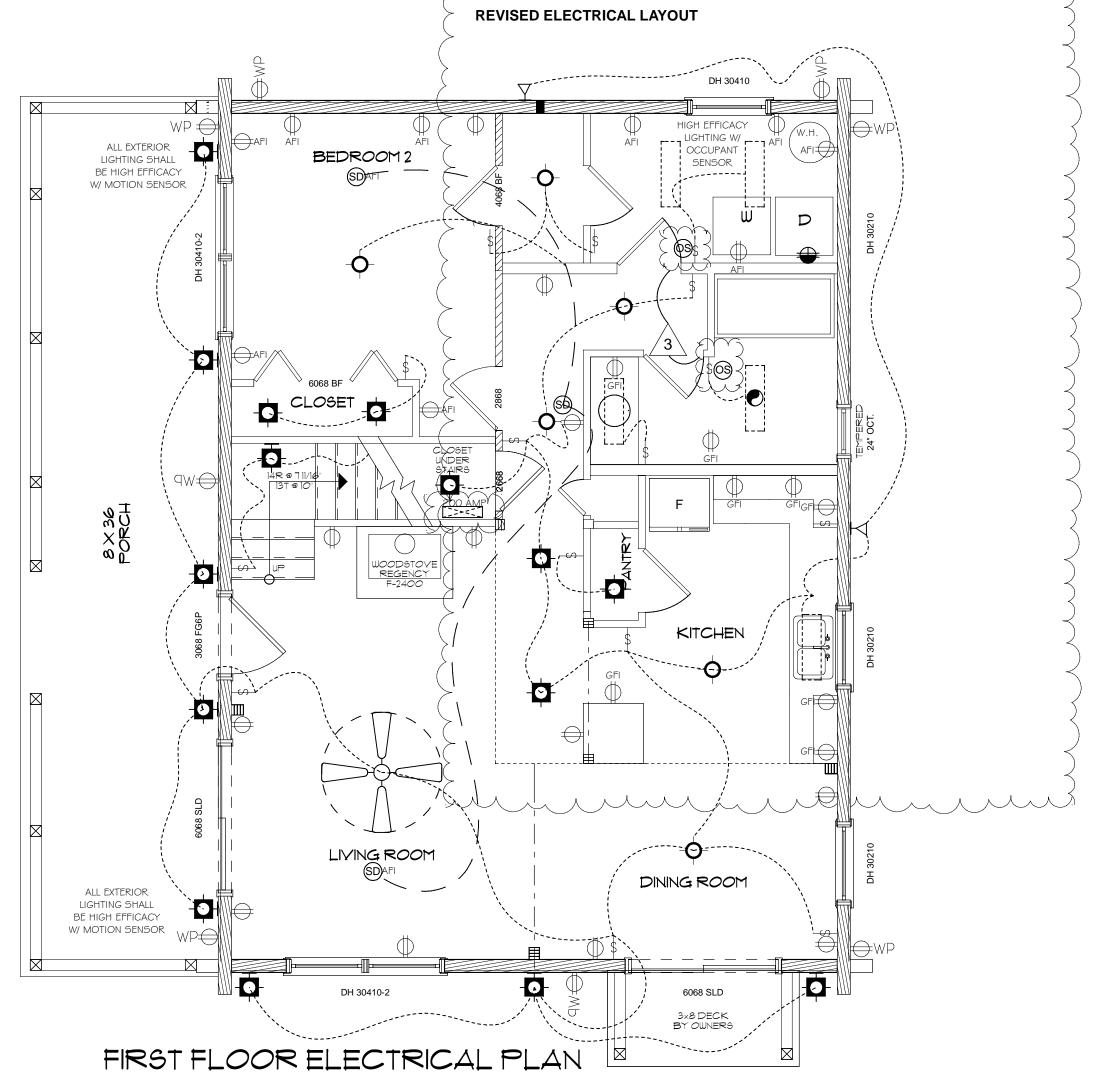
SIZE, LOCATION, AND INSTALLATION

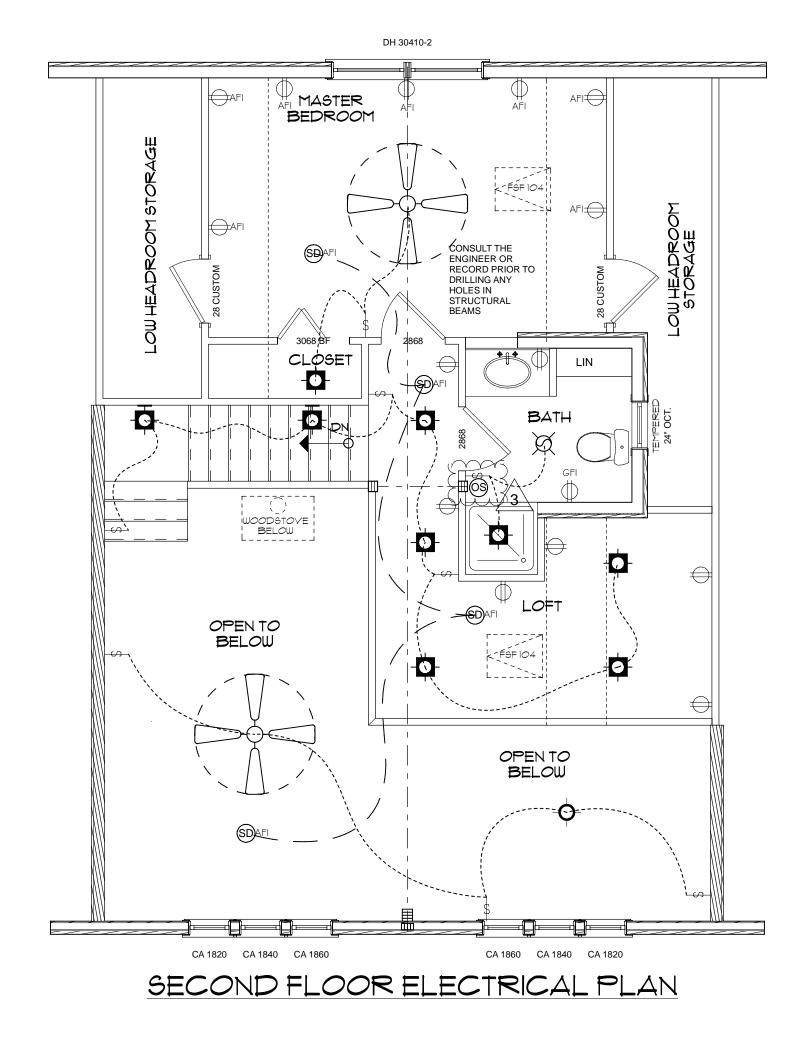
SPAC'S. OF ALL WATER HEATERS AND

DIMENSIONS IN FIELD.

8) PROVIDE FRESH AIR VENTALLATION TO MEET 1991 VENTALLATION AND INDOOR AIR QUALITY CODE (VIAQ) YIA MECHANICAL YENTALLATION SYSTEM. (SECTION 305).







** RESIDENCE WILL COMPLY WITH THE: COUNTY OF SAN DIEGO LIGHTING ORDINANCE ** "HERS" VERIFICATION AND / OR DIAGNOSTIC

TESTING IS REQUIRED

REVISIONS THE ORIGINAL Lincoln Logs®

PLAN CHECK REVISIONS

revised flor plan

PLAN CHECK REVISIONS (GWD) 4/8/0

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ELECTRICAL PLANS

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SHEET

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NOT SO SPECIFIED ON THE BLUEPRINTS.

FINISHED SQ. FOOTAGE CALCULATIONS FOR THIS BUILDING WERE MADE BASED ON PLAN DIMENSIONS ONLY AND MAY VARY FROM THE FINISHED SQ. FOOTAGE

AS BUILT. CALCULATIONS WERE MADE IN ACCORDANCE WITH ANSI Z765-1966.

CF-1R Page 1 CERTIFICATE OF COMPLIANCE: RESIDENTIAL COMPUTER METHOD CF-1R Page 2 Date..09/25/06 07:56:19 Project Title..... Schafer/Craig Log Home Date..09/25/06 07:56:19 MICROPAS7 v7.20 File-SCHAFER Wth-CTZ14S05 Program-FORM CF-1R User#-MP1630 User-CompuCalc Run-Log Home

BUILDING ZONE INFORMATION

Floor # of # of Cond- Thermo- Vent Vent Verified Area Volume Dwell Peop- it- stat Height Area Leakage or (sf) (cf) Units le ioned Type (ft) (sf) Housewrap Zone Type ___ ___ ___ ___ ____ Residence 1323 15136 1.00 3.0 Yes Setback 8.0 Standard No

OPAQUE SURFACES

				U-		Sheath	_		Solar	r Appendix	
Su	rface	Frame Type	Area (sf)	fact- or		y ing R-val			Gains	IV Reference	Location/ Comments
5	Wall	Wood	60	0.074	19	0	0	90	Yes	IV.9 A5	
6	Wall	Wood	292	0.102	13	0	90	90	Yes	IV.9 A3	
7	Wall	Wood	300	0.074	19	0	270	90	Yes	IV.9 A5	
8	Roof	Wood	946	0.026	38	0	180	45	Yes	IV.1 A8	Vault
9	Floor	Wood	946	0.037	19	0	n/a	0	No	IV.20 A4	
10	Door	Other	20	0.500	0	0	180	90	Yes	IV.5 A4	Solid Wood
1 7	773 (Therma	al Mass	3)								
1	Wall	n/a	197	0.122	0	0	180	90	Yes	None	
2	Wall	n/a	246	0.122	0	0	0	90	Yes	None	
3	Wall	n/a	193	0.122	0	0	90	90	Yes	None	
4	Wall	n/a	137	0.122	0	0	270	90	Yes	None	
]	FENEST	RATION	SURI	FACES			

Exterior Area U- Act Shade (sf) factor SHGC Azm Tilt Type Location/Comments Orientation 1 Door Front (S) 40.2 0.360 0.340 180 90 Standard F1/Vinyl/Wood Patio Door 2 Wind Front (S) 31.8 0.370 0.320 180 90 Standard F2/Vinyl/Wood Operable 3 Wind Back (N) 9.7 0.370 0.320 0 90 Standard B1/Vinyl/Wood Operable 4 Wind Back (N) 9.7 0.370 0.320 0 90 Standard B2/Vinyl/Wood Operable 5 Wind Back (N) 4.0 0.400 0.350 0 90 Standard B3/Vinyl/Wood Fixed 6 Wind Back (N) 9.7 0.370 0.320 0 90 Standard B4/Vinyl/Wood Operable 7 Wind Right (E) 31.8 0.370 0.320 90 90 Standard R1/Vinyl/Wood Operable 8 Door Right (E) 40.2 0.360 0.340 90 90 Standard R2/Vinyl/Wood Patio Door 9 Wind Left (W) 16.0 0.370 0.320 270 90 Standard L1/Vinyl/Wood Operable 10 Wind Back (N) 4.0 0.400 0.350 0 90 Standard BUPR1/Vinyl/Wood Fixed 11 Wind Right (E) 3.3 0.370 0.320 90 90 Standard RUPR1/Vinyl/Wood Operabl 12 Wind Right (E) 6.6 0.370 0.320 90 90 Standard RUPR2/Vinyl/Wood Operabl 13 Wind Right (E) 10.0 0.370 0.320 90 90 Standard RUPR3/Vinyl/Wood Operabl 14 Wind Right (E) 10.0 0.370 0.320 90 90 Standard RUPR4/Vinyl/Wood Operabl 15 Wind Right (E) 6.6 0.370 0.320 90 90 Standard RUPR5/Vinyl/Wood Operabl 16 Wind Right (E) 3.3 0.370 0.320 90 90 Standard RUPR6/Vinyl/Wood Operabl 17 Wind Left (W) 31.8 0.370 0.320 270 90 Standard LUPR/Vinyl/Wood Operable CERTIFICATE OF COMPLIANCE: RESIDENTIAL COMPUTER METHOD CF-1R Page 3 Project Title..... Schafer/Craig Log Home Date..09/25/06 07:56:19 MICROPAS7 v7.20 File-SCHAFER Wth-CTZ14S05 Program-FORM CF-1R

OVERHANGS

User#-MP1630 User-CompuCalc Run-Log Home

		Win	ndow		(Overhang—	
	Area					Left	Right
Surface	(sf)	Width	Height	Depth	Height	Extension	Extension
1 Door	40.2	n/a	6.7	8	1	n/a	n/a
2 Window	31.8	n/a	5	8	1	n/a	n/a

THERMAL MASS Area Thick Heat Conduct- Surface

(sf) (in) Cap ivity UIMC R-value Location/Comments Mass Type 1 ExteriorVert 773 6.0 11.0 0.07 3.20 R-0.0 Exterior Mass Wall

HVAC SYSTEMS

System Type	Number of Systems	Minimum Efficiency	Verified	Refrig Charge		Verified Fan Watt Draw	
Wood NoCooling	1 1	0.780 AFT 13.00 SEE	- , -	n/a Yes	n/a No	n/a No	n/a No
			HVAC	SIZING			

Verified Total Sensible Design Maximum Heating Cooling Cooling Cooling Load Load Capacity Capacity Type (Btu/hr) (Btu/hr) (Btu/hr) (Btu/hr) 29957 n/a n/a n/a NoCooling n/a 15794 18340 n/a Sizing Location..... JULIAN WYNOLA Winter Outside Design..... 20 F

Winter Inside Design..... 70 F Summer Outside Design..... 90 F

Summer Inside Design..... 75 F

Summer Range..... 39 F

CERTIFICATE OF COMPLIANCE: RESIDENTIAL COMPUTER METHOD CF-1R Page 4

Project Title..... Schafer/Craig Log Home Date..09/25/06 07:56:19 MICROPAS7 v7.20 File-SCHAFER Wth-CTZ14S05 Program-FORM CF-1R User#-MP1630 User-CompuCalc Run-Log Home

DUCT SYSTEMS

System Type	Duct Location	Duct	Duct	Verified Surface Area	Verified Buried Ducts
Wood	Attic	R-6	No	No	No
NoCooling	Attic	R-6	No	No	No

WATER HEATING SYSTEMS

Tank Type	Heater Type	Distribution Type	Number in System	2 1		External Insulation R-value
1 Storage	Electric	Standard	1	0.98	30	R- n/a

SPECIAL FEATURES AND MODELING ASSUMPTIONS

*** Items in this section should be documented on the plans, *** *** installed to manufacturer and CEC specifications, and *** *** verified during plan check and field inspection.

This building incorporates HERS verified Duct Leakage.

This building incorporates a wood space heating system.

This building does not have a cooling system installed. This building incorporates a non-standard Water Heating System.

CF-1R Page 5 CERTIFICATE OF COMPLIANCE: RESIDENTIAL COMPUTER METHOD Date..09/25/06 07:56:19 Project Title..... Schafer/Craig Log Home MICROPAS7 v7.20 File-SCHAFER Wth-CTZ14S05 Program-FORM CF-1R User#-MP1630 User-CompuCalc Run-Log Home

REMARKS

Attention Owner and Project Manager: Please gain knowledge of the required energy features in these reports which determine the required efficiencies for heating, cooling and water heating appliances; insulation levels for ceiling, walls and floors; u-factor and solar heat gain co-efficient values for windows; 3rd party verification requirements and more. Not adhering to these requirements can be costly and delay the final approval of your project. If further explanation is needed please call: (530) 268-8722.

It is the responsibility of a licensed HVAC contractor to verify sizing and warrant heating and cooling system performance. Ducts are shown in default attic location; may be installed elsewhere.

COMPLIANCE STATEMENT

This certificate of compliance lists the building features and performance specifications needed to comply with Title-24, Parts 1 and 6 of the California Code of Regulations, and the administrative regulations to implement them. This certificate has been signed by the individual with overall design responsibility.

> DOCUMENTATION AUTHOR Name.... Elizabeth Smithwick Company. CompuCalc Address. 23318 Lone Pine Dr Auburn, CA 95602 Phone... 530-268-8722

Signed.. ______ Signed.. _____ 9/25/06 (date) (date)

ENFORCEMENT AGENCY

DESIGNER or OWNER

Hanalei, HI 96714

Name.... R. Craig/D Schafer

Address. P. O. Box 1634

Phone... (808) 826-9514

Signed..

Company. Owner

License. n/a

Project Title..... Schafer/Craig Log Home Date..09/25/06 07:56:19 Project Address..... 34476 Pueblo Dr. *v7.20* Julian, CA Documentation Author... Elizabeth Smithwick ***** Building Permit # CompuCalc 23318 Lone Pine Dr Plan Check / Date Auburn, CA 95602 530-268-8722 Field Check/ Date Climate Zone..... 14 Compliance Method..... MICROPAS7 v7.20 for 2005 Standards by Enercomp, Inc. MICROPAS7 v7.20 File-SCHAFER Wth-CTZ14S05 Program-FORM MF-1R User#-MP1630 User-CompuCalc Run-Log Home

MF-1R Page 6

MANDATORY MEASURES CHECKLIST: RESIDENTIAL

Note: Lowrise residential buildings subject to the Standards must contain these measures regardless of the compliance approach used. More stringent compliance requirements from the Certificate of Compliance supersede the items marked with an asterisk (*). When this checklist is incorporated into the permit documents, the features noted shall be considered by all parties as minimum component performance specifications for the mandatory measures whether they are shown elsewhere in the documents or on this checklist only.

BUILDING ENVELOPE MEASURES sign- force-*150(a): Minimum R-19 insulation in wood framed ceiling or equivalent U-Tactor in metal frame ceiling

150(b): Loose fill insulation manufacturer's labeled R-Value

*150(c): Minimum R-13 wall insulation in wood framed walls or *150(c): Minimum R-13 wall insulation in wood framed walls or equivalent U-factor in metal frame walls (does not apply *150(d): Minimum R-13 raised floor insulation in framed floors to exterior mass walls) or equivalent U-factor ____ XX_ ____ 150(e): Installation of Fireplaces, Decorative Gas Appliances and Gas Logs 1. Masonry and factory-built fireplaces have: a. Closeable metal or glass door covering the entire opening of the firebox b. Outside air intake with damper and control, flue 150 (g): Vapor barriers mandatory in Climate Zones 14,16 only XX ______ 150(1): Slab edge insulation - water absorption rate for the insulation material without facings no greater than 0.3%, water vapor permeance rate no greater than 2.0 perm/inch XX 118: Insulation specified or installed meets insulation quality 116-17: Fenestration Products, Exterior Doors and Infiltration/
Exfiltration Controls Exfiltration Controls 1. Doors and windows between conditioned and unconditioned spaces designed to limit air leakage 2. Fenestration products (except field-fabricated) have label with certified U-factor, certified Solar Heat Gain Coefficient (SHGC), and infiltration certification ____ XX_ _____

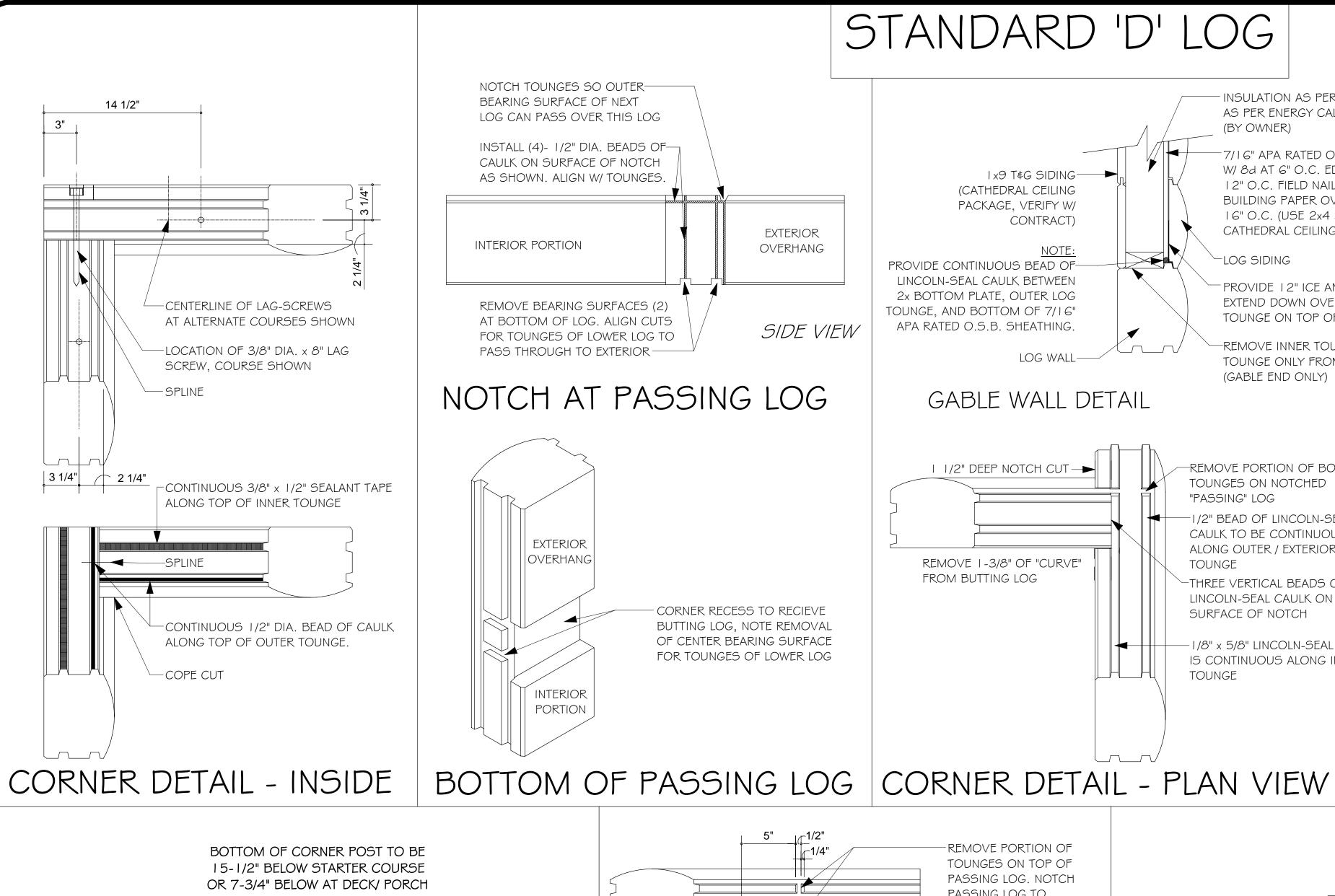
3. Exterior doors and windows weatherstripped; all joints and penetrations caulked and sealed SPACE CONDITIONING, WATER HEATING AND PLUMBING SYSTEM MEASURES De- EnMANDATORY MEASURES CHECKLIST: RESIDENTIAL MF-1R Page 7 Date..09/25/06 07:56:19 Project Title..... Schafer/Craig Log Home MICROPAS7 v7.20 File-SCHAFER Wth-CTZ14S05 Program-FORM MF-1R User#-MP1630 User-CompuCalc Run-Log Home sign- force n/a er ment 110-113: HVAC equipment, water heaters, showerheads and faucets certified by the Energy Commission 150(h): Heating and/or cooling loads calculated in accordance with ASHRAE, SMACNA or ACCA with ASHRAE, SMACNA or ACCA 150(i): Setback thermostat on all applicable heating and/or cooling systems cooling systems
150(j): Water system pipe and tank insulation and cooling systems line insulation 1. Storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation having an installed thermal resistance of R12 or greater_XX______ 2. Back-up tanks for solar system, unfired storage tanks, or other indirect hot water tanks have R-12 external insulation or R-16 internal and indicated on the exterior of the tank showing the R-value 3. The following piping is insulated according to Table 150-A/Bor Equation 150-A Insulation Thickness: 1. First 5 feet of hot and cold water pipes closest to water heater tank, non-recirculating systems, and entire length of recirculating sections of hot water 2. Cooling system piping (suction, chilled water, or brine lines). piping insulated brine lines), piping insulated between heating source and indirect hot water tank shall be insulated to Table 150-B and Equation 150-A 4. Steam hydronic heating systems or hot water systems >15 psi, meet requirements of Table 123-A 5. Insulation must be protected from damage, including that due to sunlight, moisture, equipment maintenance and wind _____ XX_ ____ 6. Insulation for chilled water piping and refrigerant suction piping includes a vapor retardant or is enclosed entirely 7. Solar water-heating systems/collectors are certified by the Solar Rating and Certification Corporation *150(m): Ducts and Fans 1. All ducts and plenums installed, sealed and insulated to meet the requirements of the CMC Sections 601, 602, 603, 604, 605 and Standard 6-5; supply-air and return-air ducts and plenums are insulated to a minimum installed level of R-4.2 or enclosed entirely in conditioned space. Openings shall be sealed with mastic, tape, or other duct-closure system that meets the applicable requirements of UL 181, UL 181A, or UL 181B or aerosol sealant that meets the requirements of UL 723. If mastic or tape is used to seal openings greater than 1/4 inch, the combination of mastic and either mesh or tape shall be used 2. Building cavities, support platforms for air handlers, and plenums defined or constructed with materials other than sealed sheet metal, duct board or flexible duct shall not be used for conveying conditioned air. Building cavities and support platforms may contain ducts. Ducts installed in cavities and support platforms shall not be compressed to cause reductions in the cross-sectional area of the ducts __XX__ ____ 3. Joints and seams of duct systems and their components

MANDATORY MEASURES CHECKLIST: RESIDENTIAL MF-1R Page 8 Project Title..... Schafer/Craig Log Home Date..09/25/06 07:56:19 MICROPAS7 v7.20 File-SCHAFER Wth-CTZ14S05 Program-FORM MF-1R User#-MP1630 User-CompuCalc Run-Log Home shall not be sealed with cloth backed rubber adhesive duct tapes unless such tape is used in combination with 5. Gravity ventilating systems serving conditioned space have either automatic or readily accessible, manually 6. Protection of Insulation. Insulation shall be protected from damage due to sunlight, moisture, equipment maintenance and wind. Cellular foam insulation shall be protected as above or painted with a coating that is water retardant and provides shielding from solar radiation that can cause _xx_ ____ degradation of the material 7. Flexible ducts cannot have porous inner cores 114: Pool and Spa Heating Systems and Equipment 1. A thermal efficiency that complies with the Appliance Efficiency Regulations, on-off switch mounted outside of the heater, weatherproof operating instructions, no electric resistance heating and no pilot light 2. System is installed with: a. At least 36 inches of pipe between filter and heater for future solar heating b. Cover for outdoor pools or outdoor spas. 3. Pool system has directional inlets and a circulation pump time switch 115: Gas-fired central furnaces, pool heaters, spa heaters or household cooking appliances have no continuously burning pilot light (Exception: Non-electrical cooking appliances with pilot < 150 Btu/hr) 118(i): Cool Roof material meets specified criteria RESIDENTIAL LIGHTING MEASURES sign- force n/a er ment 150(k)1: HIGH EFFICACY LUMINAIRES OTHER THAN OUTDOOR HID: contain only high efficacy lamps as outlined in Table 150-C, and do not contain a medium screw base socket (E24/E26). Ballast for lamps 13 watts or greater are electronic and have an output frequency no less than 20 kHz 150(k)1: HIGH EFFICACY LUMINAIRES - OUTDOOR HID: contain only high efficacy lamps as outlined in Table 150-C, luminaire has factory installed HID ballast 150(k)2: Permanently installed luminaires in kitchens shall be high efficacy luminaires. Up to 50 percent of the wattage, as determined in Sec. 130(c), of permanently installed luminaires in kitchens may be in luminaires that are not high efficacy luminaires, provided that these luminaires are controlled by switches separate from those controlling the high efficacy luminaires 150(k)3: Permanently installed luminaires in bathrooms, garages, laundry rooms, utility rooms shall be high efficacy luminaires OR are controlled by an occupant sensor(s) certified to comply with Section 119(d) that does not turn on automatically or have an always on option ____ _XX_ ____ 150(k)4: Permanently installed luminaires located other than in kitchens, bathrooms, garages, laundry rooms, and utility

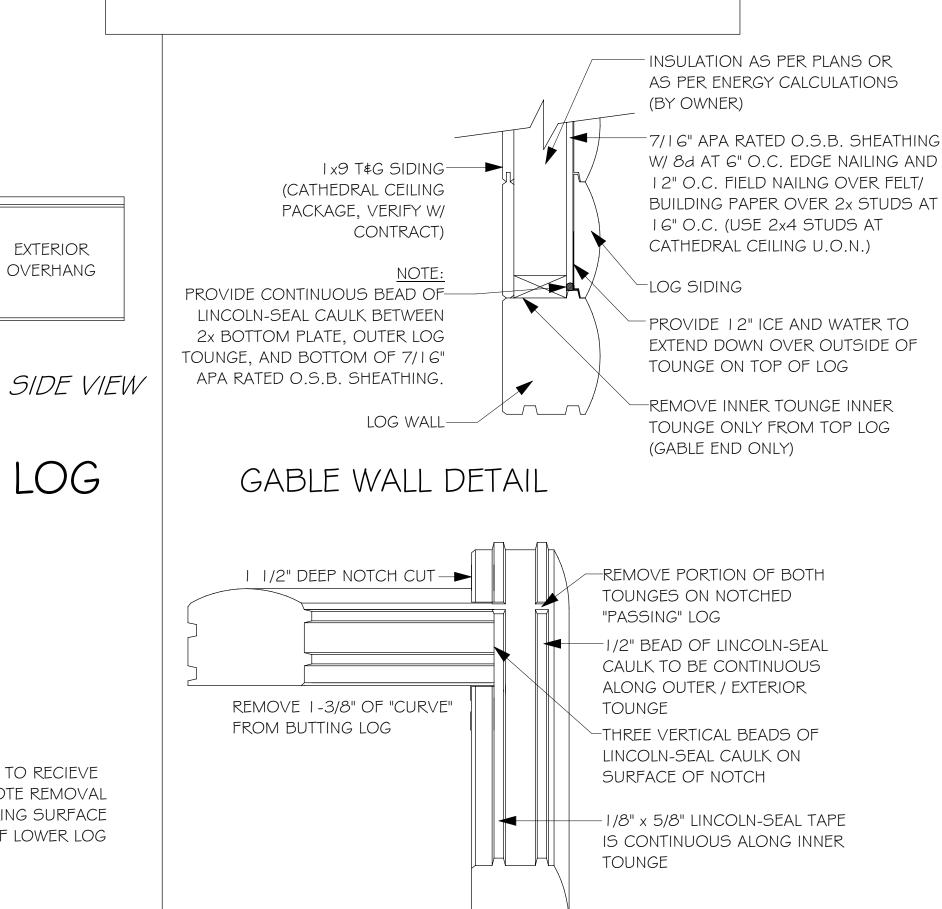
MANDATORY MEASURES CHECKLIST: RESIDENTIAL MF-1R Page 9 Project Title..... Schafer/Craig Log Home Date..09/25/06 07:56:19 MICROPAS7 v7.20 File-SCHAFER Wth-CTZ14S05 Program-FORM MF-1R User#-MP1630 User-CompuCalc Run-Log Home rooms shall be high efficacy luminaires (except closets less than 70 ft2), OR are controlled by a dimmer switch OR are controlled by an occupant sensor(s) that complies with Section 119(d) that does not turn on automatically or have an always on option 150(k)5: Luminaires that are recessed into insulated ceilings are approved for zero clearance insulation cover (IC) and are certified air tight to ASTM E283 and labeled as air tight (AT) to less than 2.0 CFM at 75 Pascals 150(k) 6: Luminaires providing outdoor lighting and permanently mounted to a residential building or to other buildings on the same lot shall be high efficacy luminaires (not including lighting around swimming pools/water features or other Article 680 locations) OR are controlled by occupant sensors with integral photo control certified to comply 150(k)7: Lighting for parking lots for 8 or more vehicles shall have lighting that complies with Sec. 130, 132, and 147. Lighting for parking garages for 8 or more vehicles shall have lighting that complies with Sec. 130, 131, and 146 _XX_ ____ 150(k)8: Permanently installed lighting in the enclosed, nondwelling spaces of low-rise residential buildings with four or more dwelling units shall be high efficacy luminaires OR are controlled by an occupant sensor(s) certified to comply with Section 119(d)

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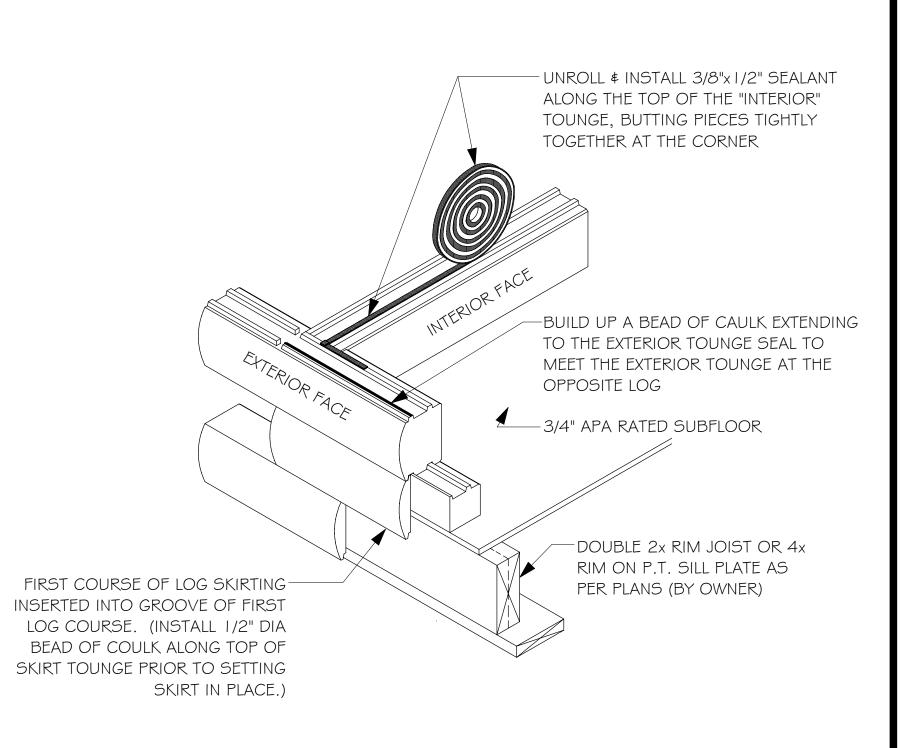
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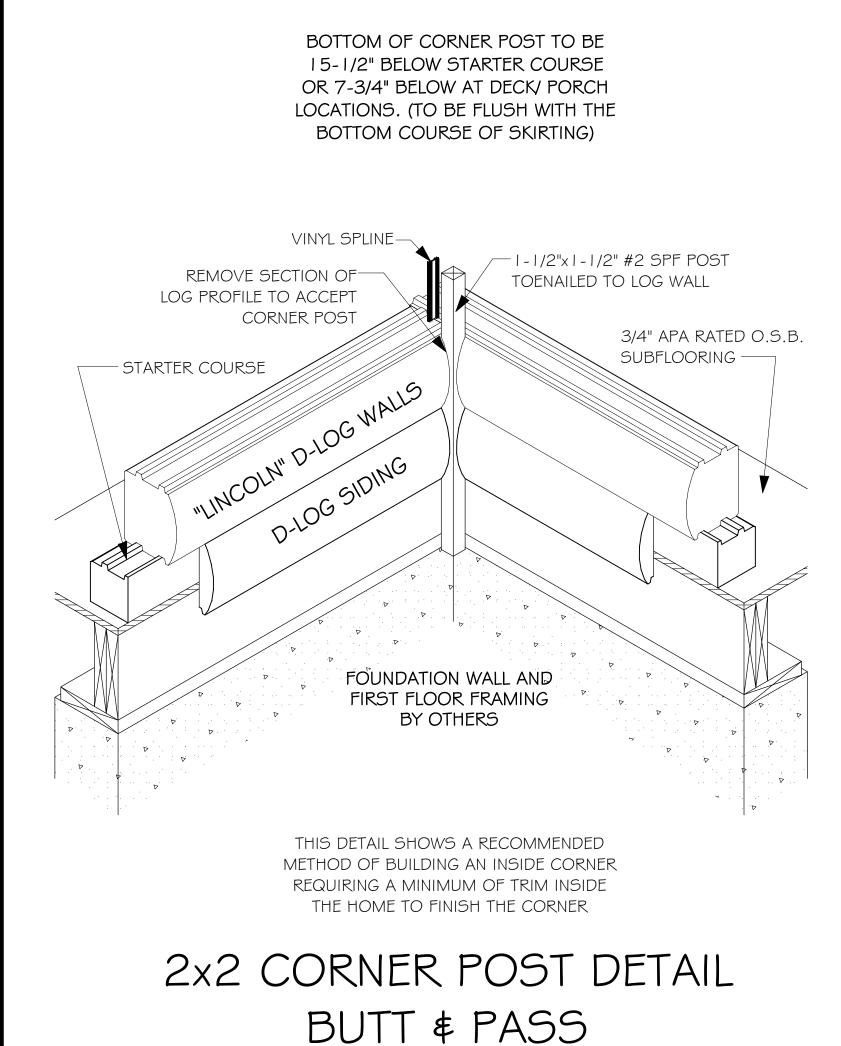
STANDARD 'D' LOG

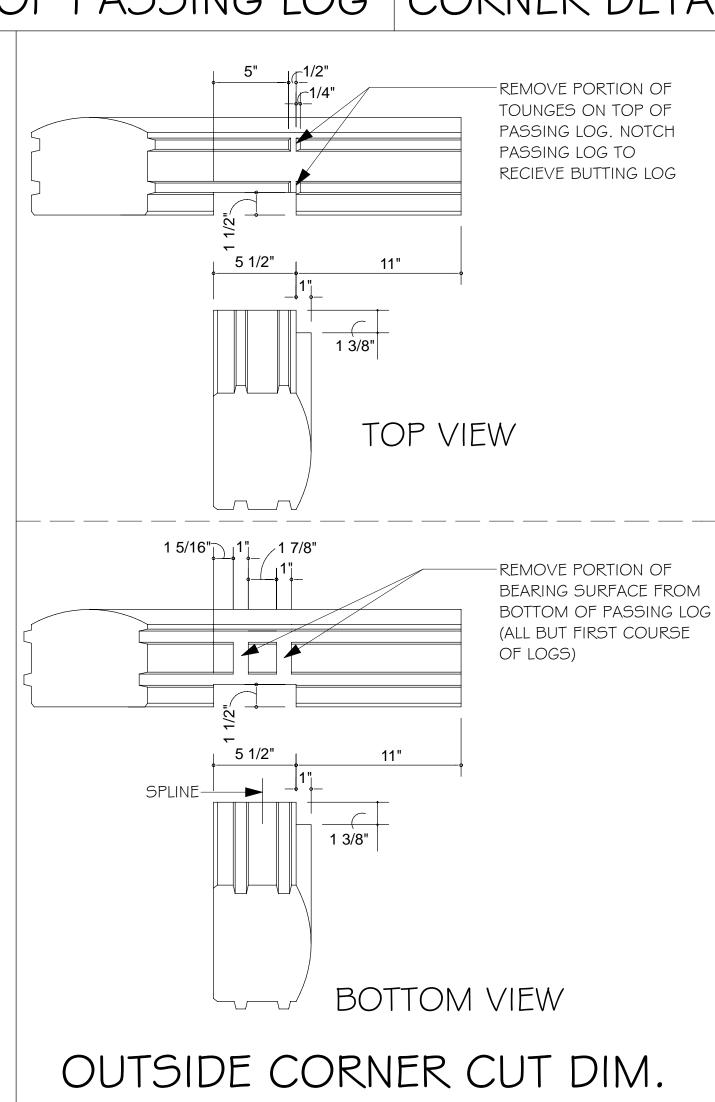


VIEW OF FIRST LOG COURSE



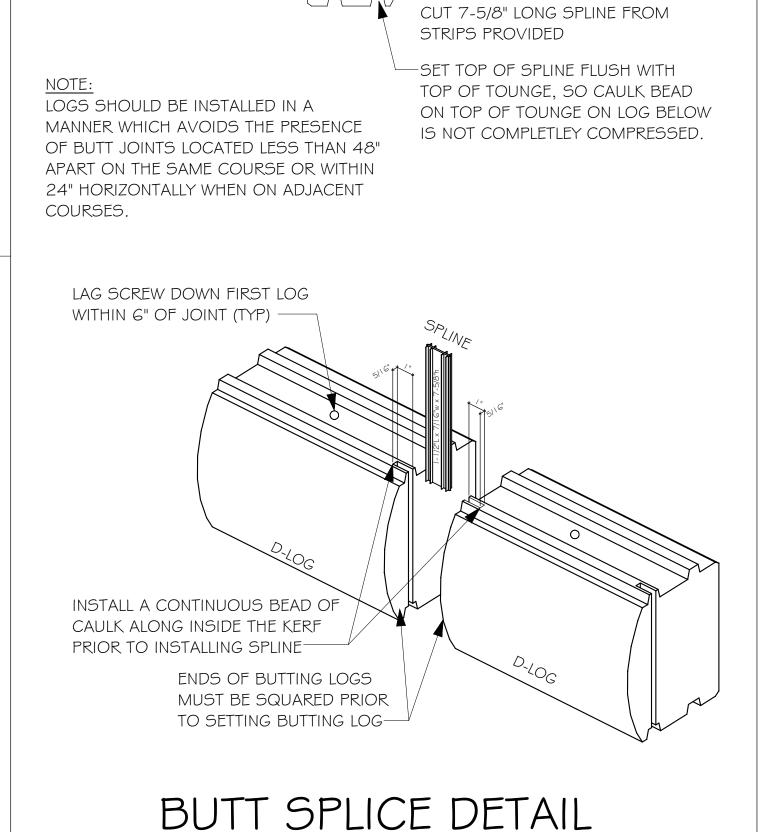
CORNER DETAIL - BUTT/PASS





EXTERIOR

OVERHANG



APPLY 2 BEADS OF CAULK ACROSS

-USE CHAINSAW TO CUT I" DEEP

KERF CUT INTO EACH LOG. CUT SHOULD BE 5/16" WIDE AND BE LOCATED ALONG THE CENTERLINE

OF THE OUTER TOUNGE.

TOP OF TOUNGE AT SPLINE GROOVES

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Detail Sheet

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