

PLT SHEET LIST	
Sheet Name	Sheet Number
COVER PAGE	A0.0
MAIN FLOOR PLAN	A1.0
ELEVATIONS #1	A2.0
ELEVATIONS #2	A2.1
FOUNDATION PLAN	S1.0
FOUNDATION PLAN - 3D VIEW	S1.1
MAIN FLOOR FRAMING PLAN	S1.2
ROOF FRAMING PLAN	S1.3
LOG FRAME SCHEDULES	S1.4
SECTIONS #1	S2.0
SECTIONS #2	S2.1
TRUSS ELEVATIONS #1	S3.0
TRUSS ELEVATIONS #2	S3.1
TYPICAL ROUND LOG DETAILS	S4.0
ROUND LOG FOUNDATION DETAILS	S4.1
ROUND LOG ROOF DETAILS	S4.2
LOG WALL SHOP ELEVATIONS #1	S5.0
LOG WALL SHOP ELEVATIONS #2	S5.1
LOG WALL SHOP ELEVATIONS #3	S5.2
DETAILS	S6.1
Grand total: 20	



TILLER RESIDENCE

LOS GATOS, CA



PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875
PHONE: 406-961-3273
PLTMONTANA.COM

GENERAL NOTES:

- LOGS AVERAGE PER PLAN, HAND PEELED FINISH. UP TO 1" VARIANCE IN LOG DIAMETERS TO BE EXPECTED.
- LOG DIAMETER CALL-OUTS REFER TO "AVERAGE LOG DIAMETER" OF A LOG AND DO NOT TAKE INTO ACCOUNT THE TAPER AND SHAPE OF A NATURAL LOG.
- ALL DIMENSIONS ARE TO THE CENTERLINE OF LOG WALLS, LOG POSTS AND FOUNDATION WALLS - UNLESS NOTED OTHERWISE.
- LOG COURSING CALL-OUTS REFER TO THE COURSING OF A LOG - NOT FEET AND INCHES. THE DIMENSIONAL LOG WALL HEIGHTS SHOWN ON THE PLANS ARE TO BE CONSIDERED NOMINAL.
- ALL HARDWARE AND INSTALLATION THERE-OF TO BE BY THE GENERAL CONTRACTOR - UNLESS NOTED OTHERWISE.
- PRE-DRILLING FOR WALL PINS TO BE BY P.L.H. - SEE SHEAR-WALL SCHEDULE AND OR WALL ELEVATIONS FOR PIN SIZE AND SPACING.
- ALL LOG POSTS TO BE CUT TO FINISH LENGTH BY GENERAL CONTRACTOR IN THE FIELD.
- ALL DRILLING AND ROUTING FOR PLUMBING AND ELECTRICAL CHASES BY GENERAL CONTRACTOR IN FIELD.
- P.L.T. RECOMMENDS BACK STAINING OF ALL LOG SIDING, LOG VENEER AND SAWN PLANK SIDING.
- TIMBERS SUPPLIED BY P.L.H. WILL BE ACTUAL SIZE - PLUS OR MINUS 1/4" UNLESS NOTED OTHERWISE.
- LOGS CRAFTED INTO AN ARCH OR CURVE WILL EXPERIENCE GREATER CHECKING THAN OTHER LOGS.
- SIDING AND/OR LOG VENEER SUPPLIED BY P.L.H. WILL BE MATERIAL ONLY. ANY CRAFTING REQUIRED AT THE TIME OF INSTALLATION AND ANY CONNECTION HARDWARE WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- P.L.T. RECOMMENDS THAT ALL THE UP-HILL CHECKS IN THE LOGS AND ANY GAPES BE CAULKED.
- P.L.T. RECOMMENDS THAT ALL JOINTS BE FOAMED AFTER FINAL SET.
- CHECKING IS A NATURAL PHENOMENON THAT OCCURS IN ALL WOOD ELEMENTS AND WILL NOT AFFECT THE ENGINEERING DESIGN VALUES.
- P.L.T. RECOMMENDS THAT LOGS EXPOSED TO ELEMENTS BE FLASHED FOR PROTECTION.

** ANY VERTICAL SIDING SUPPLIED BY P.L.H. WILL BE SHIPPED BY THE BUNDLE CONTAINING RANDOM LENGTHS, WIDTHS, UN-EDGED 1x SIDING. GENERAL CONTRACTOR TO CUT TO FINISH LENGTH AND SUPPLY & INSTALL CONNECTION HARDWARE.

SPECIES AND GRADE:

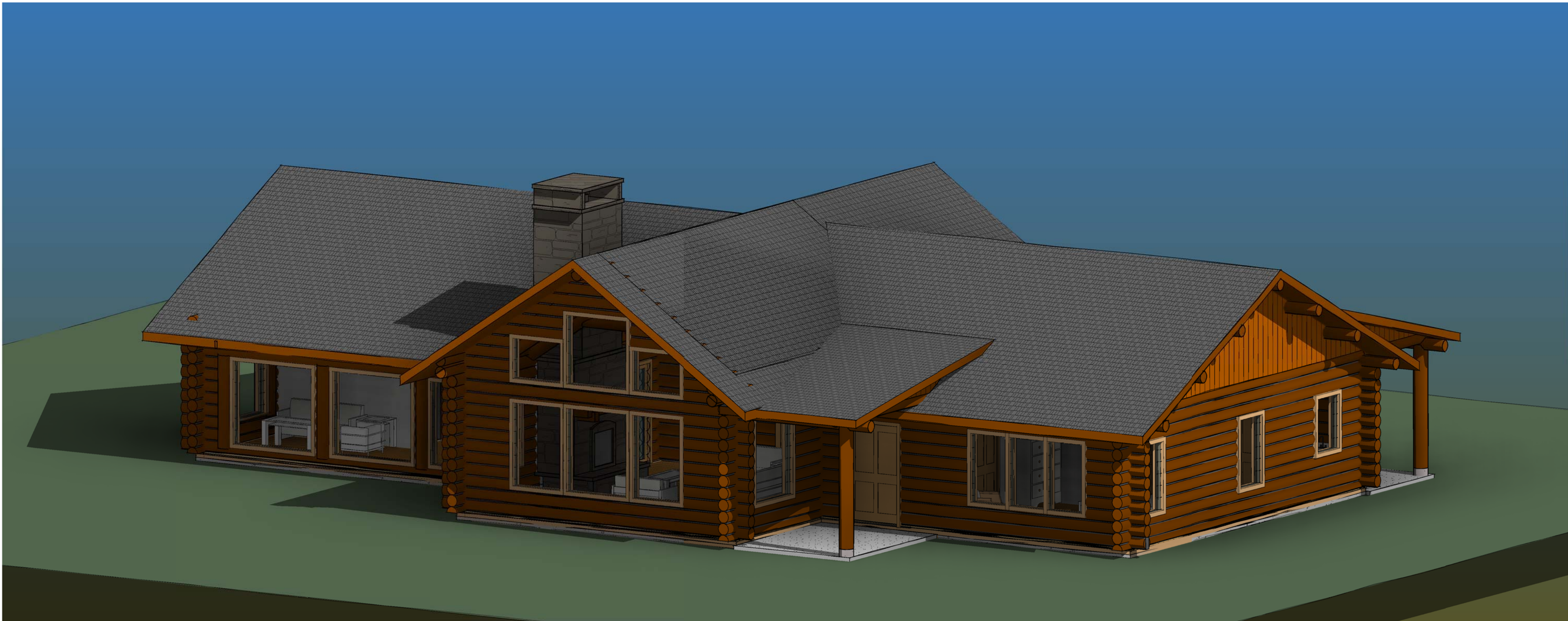
LOGS WILL BE A COMBINATION OF WHITE WOOD (WW) SELECTED TO MEET THE FOLLOWING DESIGN VALUES - UNLESS NOTED OTHERWISE.

FRAMING COMPONENT: T.P.L. GRADE

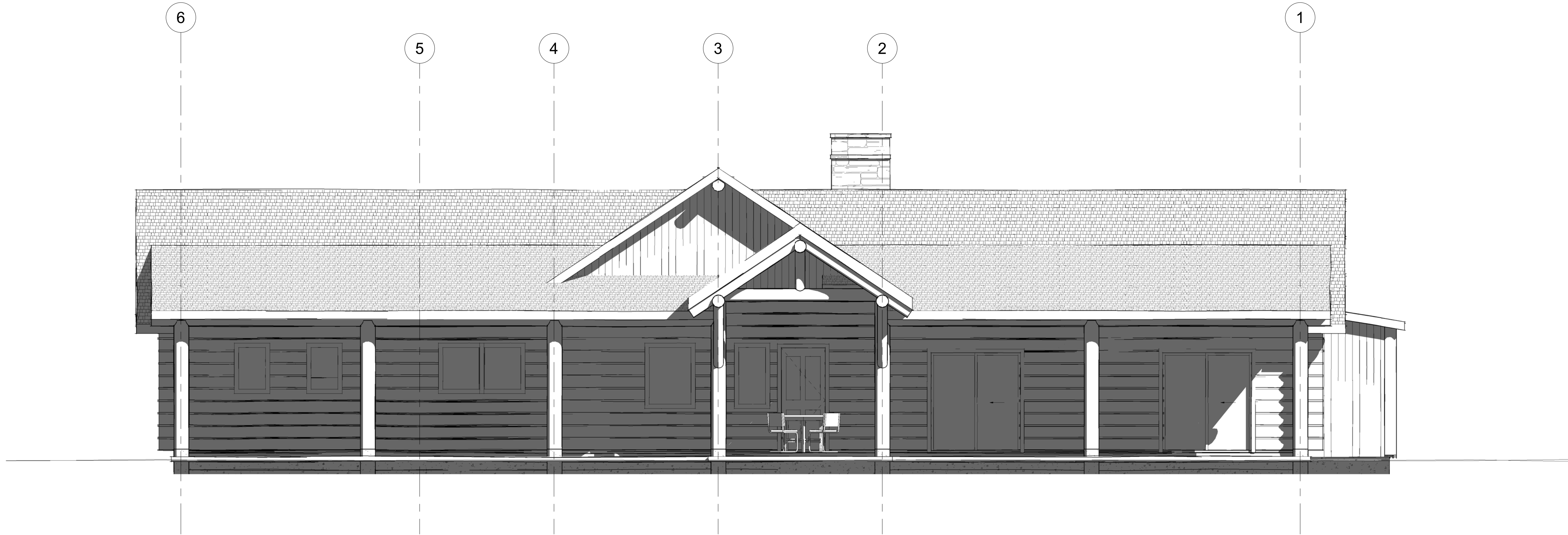
TRUSSES AND PURLINS.....SELECT OR BETTER
FLOOR JOISTS AND TIE-LOGS.....SELECT OR BETTER
WALL LOGS AND POSTS.....WALL LOG 40 OR BETTER
TIMBERS.....#1 OR BETTER

GENERAL CONTRACTOR NOTE:

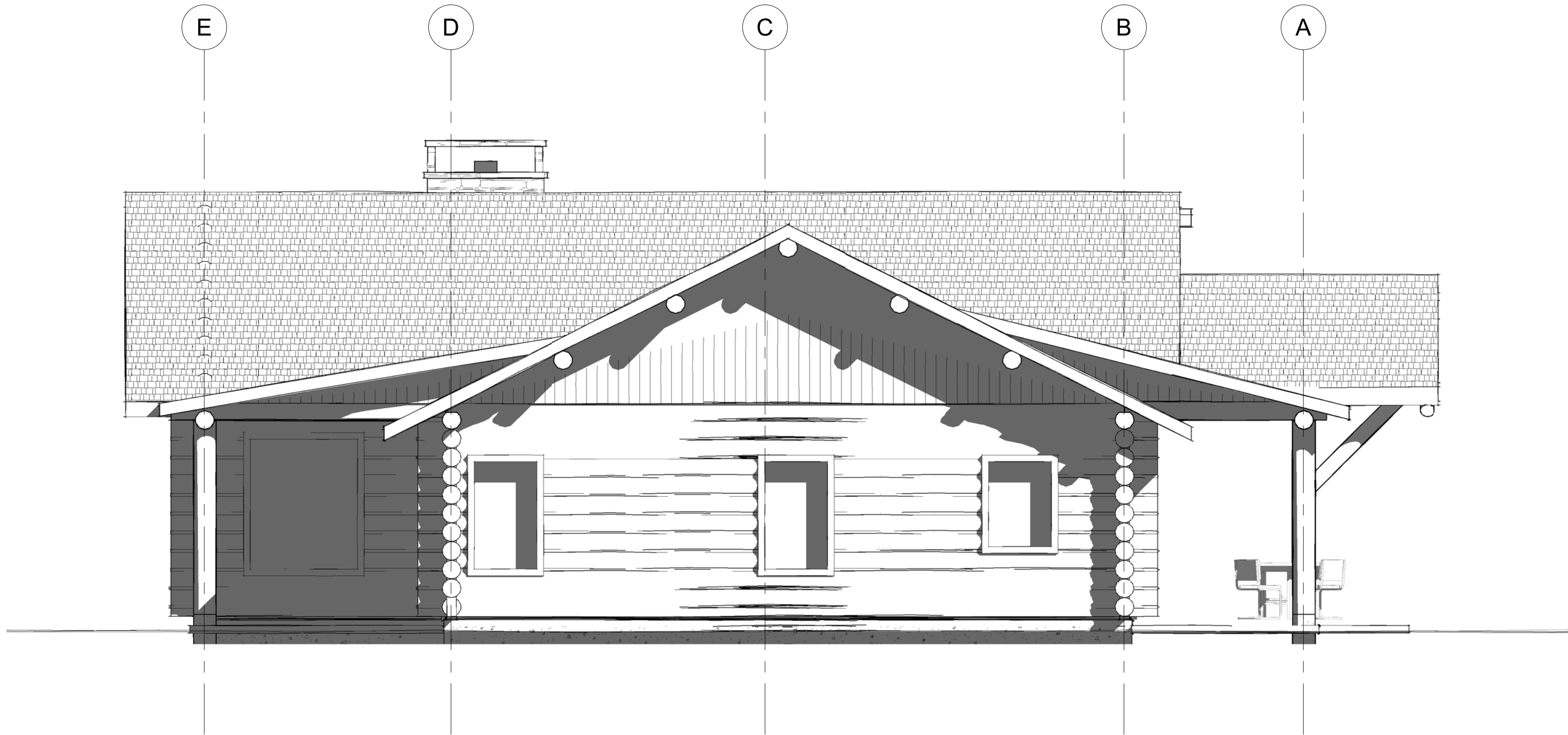
THE SPECIFICATIONS WITH-IN THIS PLAN SET ARE ACCURATE AS OF THE MOST RECENT DATE IN THE FIELD BLOCK. HOWEVER, IT SHALL BE THE GENERAL CONTRACTOR'S TO CONFIRM AND VERIFY ALL SPECIFICATIONS WITH THE OWNER PRIOR TO CONSTRUCTION. PIONEER LOG HOMES ASSUMES NO RESPONSIBILITY FOR FAILURE TO PERFORM THE ABOVE.



TILLER RESIDENCE
11-5-21



① FRONT ELEVATION
1/4" = 1'-0"



② LEFT ELEVATION
1/4" = 1'-0"



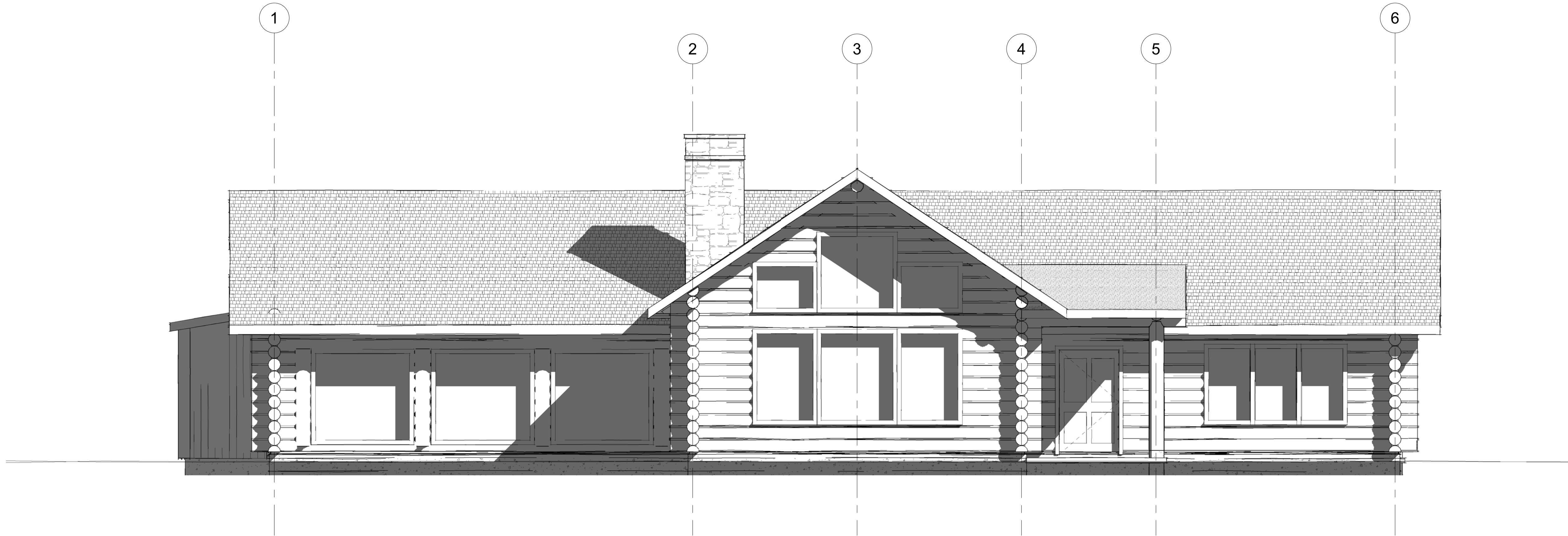
REVISIONS



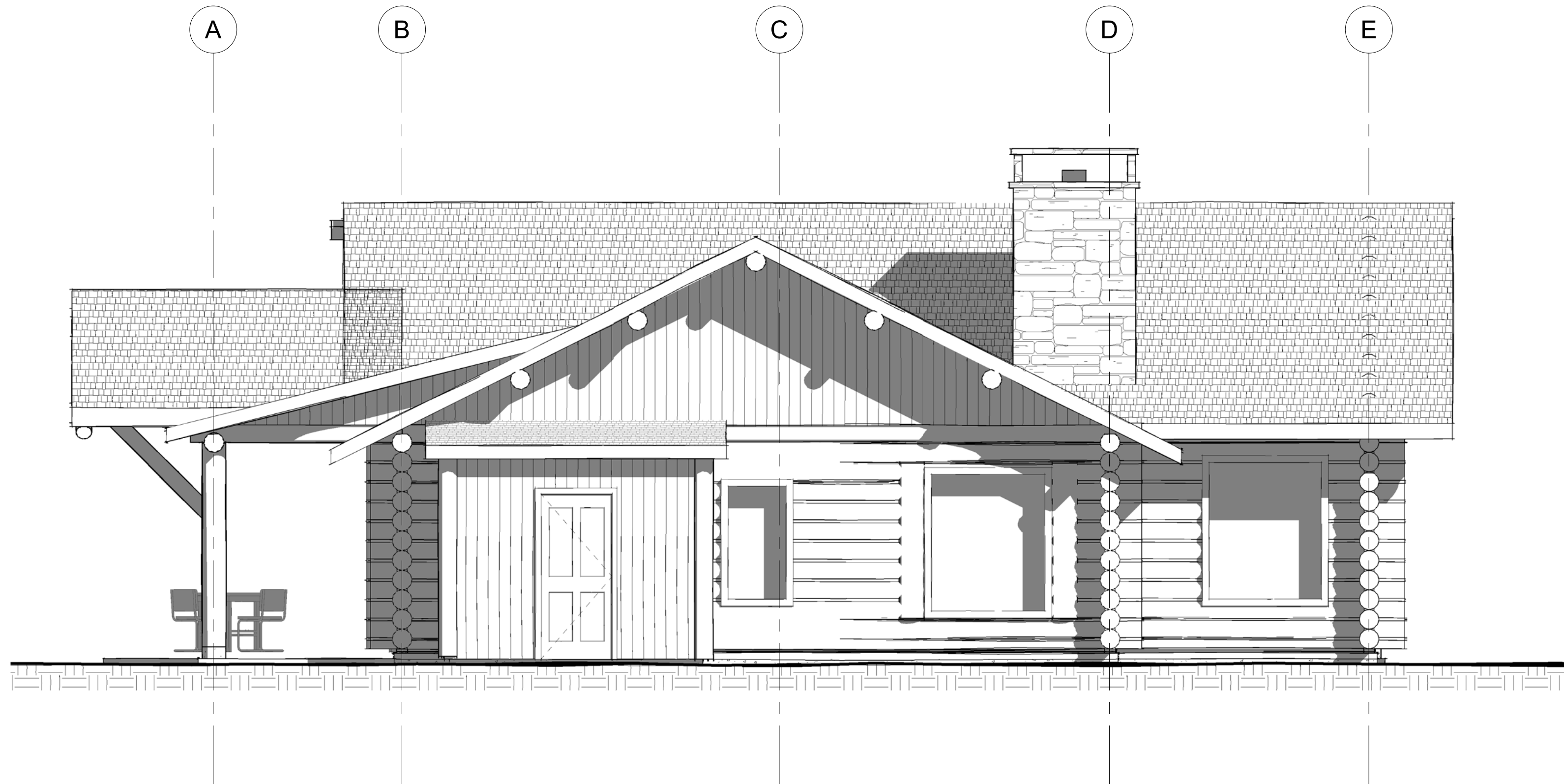
PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875
PHONE: 406-961-3273
PLTMONTANA.COM

ELEVATIONS #1
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY .
PREVIOUS ISSUES .
DATE 11-5-21
DRAWN BY: TH
JOB NUMBER 21-003
SHEET A2.0



① OCEAN VIEW ELEVATION
1/4" = 1'-0"



② RIGHT ELEVATION
1/4" = 1'-0"



PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875
PHONE: 406-961-3273
PLTMONTANA.COM

ELEVATIONS #2
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY

PREVIOUS ISSUES

DATE
11-5-21

DRAWN BY: TH

JOB NUMBER
21-003

SHEET
A2.1

11/5/2021 3:12:15 PM

C:\Projects\XYZ\Drawings\21-100 - Tiller Residence\1.dwg Printed by: BENJAMIN POWELL Date: 2021-10-04 6:11 PM

GENERAL NOTES – TILLER RESIDENCE – LOS GATOS, CA

I. GENERAL REQUIREMENTS

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS BEFORE COMMENCING WORK AND SHALL REPORT ANY DISCREPANCIES TO ECLIPSE ENGINEERING, HENCEFORTH REFERRED TO AS THE ENGINEER USE WRITTEN DIMENSIONS. DO NOT USE SCALED DIMENSIONS. WHERE NO DIMENSION IS PROVIDED, CONSULT THE ARCHITECT OR ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

2. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS AND LAYOUT OF THE EXISTING CONSTRUCTION AS REQUIRED TO COORDINATE THE ERECTION OF THE WORK SPECIFIED IN THESE DRAWINGS. EXISTING BUILDING ELEMENTS ARE IDENTIFIED FOR REFERENCE WITH THE PREFIX (E).

3. DETAILS IN THE DRAWINGS PREFACED WITH THE TITLE "TYPICAL" MAY NOT NECESSARILY BE REFERENCED ON THE PLANS, BUT SHALL STILL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS. WHERE NO DETAIL IS REFERENCED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE RELEVANT TYPICAL DETAIL FROM THOSE PROVIDED.

4. THE DESIGN, ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, SHORING OF EXISTING BUILDING ELEMENTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE PRIOR TO THE ERECTION OF THE FRAMING AND OF THE LATERAL-LOAD-RESISTING SYSTEM IS COMPLETE.

5. THE ENGINEER HOLDS NO LIABILITY FOR UNAUTHORIZED CHANGES TO THE CONSTRUCTION DOCUMENTS MADE BY THE OWNER, CONTRACTOR, BUILDING OFFICIAL, OR OTHER INVOLVED PARTY.

6. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING A SAFE PLACE TO WORK AND FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE JURISDICTIONS, INCLUDING OSHA. THE CONTRACTOR SHALL EXECUTE THEIR WORK TO ENSURE THE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST DAMAGE BY FALLING DEBRIS AND OTHER HAZARDS ASSOCIATED WITH THE WORK.

7. THE LATERAL FORCE RESISTANCE AND STABILITY OF THE BUILDING IN THE COMPLETED STRUCTURE IS PROVIDED BY LOG SHEAR WALLS IN EACH ORTHOGONAL DIRECTION. THE WOOD-SHEATHED ROOF FRAMING SERVE AS HORIZONTAL DIAPHRAGM TO DISTRIBUTE WIND AND SEISMIC FORCES TO THE LOG SHEAR WALLS.

8. UNLESS NOTED OTHERWISE IN THE PROJECT SPECIFICATIONS, SHOP DRAWINGS AND/OR SUBMITTALS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION OR CONSTRUCTION RELATED TO THE FOLLOWING STRUCTURAL ITEMS

A. CONCRETE MIX DESIGN

B. POST-INSTALLED ANCHOR ICC-ES OR IAPMO ES EVALUATION REPORTS

C. PRE-FABRICATED WOOD TRUSSES

II. DESIGN CRITERIA

A. BUILDING CODE: 2019 CBC, ASCE 7-16

B. GEOTECHNICAL AND GRAVITY DESIGN DATA

i. ALLOWABLE SOIL BEARING CAPACITY: 1500 PSF FOR GRAVITY LOADS

ii. FLOOR LIVE LOAD: 40 PSF

iii. ROOF LIVE LOAD: 20 PSF

iv. ROOF DESIGN SNOW LOAD, Pg: 0 PSF

v. SNOW EXPOSURE FACTOR, Ce: N/A

vi. SNOW LOAD IMPORTANCE FACTOR, I: N/A

vii. THERMAL FACTOR, Ct: N/A

C. WIND DESIGN DATA

i. BASIC WIND SPEED: Vult = 91 MPH

ii. RISK CATEGORY: II

iii. WIND EXPOSURE CATEGORY: B

iv. INTERNAL PRESSURE COEFFICIENT, Gpvc +/- 0.18

D. SEISMIC DESIGN DATA

i. RISK CATEGORY: II

ii. SEISMIC IMPORTANCE FACTOR, Ie: 1.0

iii. MAPPED SPECTRAL ACCELERATION, Ss: 2.434

iv. MAPPED SPECTRAL ACCELERATION, S1: 1.007

v. SITE CLASS: D

vi. DESIGN SPECTRAL ACCELERATION, Sds: 1.947

vii. DESIGN SPECTRAL ACCELERATION, Sd1: 1.141

viii. SEISMIC DESIGN CATEGORY: C

ix. BASIC SEISMIC FORCE RESISTING SYSTEM: LOG SHEAR WALLS

x. DESIGN BASE SHEAR: 28.53K

xi. SEISMIC RESPONSE COEFFICIENT, Cs: 0.433

xii. RESPONSE MODIFICATION FACTOR, R: 4.5

xiii. ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE PROCEDURE

III. SHALLOW FOUNDATIONS

1. THE FOUNDATIONS FOR THE PROJECT HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT BY ASSOCIATED TERRA CONSULTANTS, INC., DATED MAY 8, 2020. THE CONTRACTOR SHALL REFERENCE THE GEOTECHNICAL REPORT FOR ALL EARTHWORK REQUIREMENTS TO PREPARE THE SITE TO SUPPORT THE BUILDING

IV. CAST-IN-PLACE CONCRETE

1. CONCRETE:

A. CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 301, UNLESS OTHERWISE NOTED.

B. REQUIRED COMPRESSIVE STRENGTH, f'c:

i. CONCRETE ELEMENTS EXPOSED TO THE EXTERIOR GROUND AND WEATHER OR UNCONDITIONED SPACE OF THE BUILDING: 3000 PSI AT 28 DAYS, NORMAL WEIGHT. MAXIMUM WATER TO CEMENT RATIO = 0.45.

ii. CONCRETE ELEMENTS WITHIN THE CONDITIONED SPACE OF THE BUILDING: 3000 PSI AT 28 DAYS, NORMAL WEIGHT.

iii. IF THE CONTRACTOR ELECTS TO REPLACE THE CEMENT IN THE CONCRETE MIX WITH HIGH-VOLUME FLY ASH, IT IS PERMISSIBLE TO ESTABLISH f'c AT 56 DAYS. THE CONTRACTOR SHALL COORDINATE THE DURATION OF SHORING AND TEMPORARY BRACING ACCORDINGLY.

C. THE CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF CONSTRUCTION OR POUR JOINTS TO THE ARCHITECT AND ENGINEER FOR REVIEW.

D. ROUGHEN CONCRETE SURFACES OF CONSTRUCTION JOINTS AND AT LOCATIONS WHERE CONCRETE IS CAST AGAINST EXISTING CONCRETE TO 1/4" AMPLITUDE AND CLEAN OF LAITANCE, FOREIGN MATTER, AND LOOSE PARTICLES.

2. REINFORCING STEEL:

A. TYPICAL REINFORCING: ASTM A615 GRADE 40 FOR #3 BARS, ASTM A615 GRADE 60 FOR #4 BARS TO #7 BARS, AND ASTM A708 GRADE 60 FOR #8 BARS AND LARGER

B. REINFORCING TO BE WELDED: ASTM A708 GRADE 60

C. DEFORMED BAR ANCHORS: ASTM A498, Fy = 70 KSI

D. PROVIDE CLEARANCE AND COVER OF REBAR AS FOLLOWS, UNLESS OTHERWISE NOTED:

i. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES

ii. FORMED SURFACES EXPOSED TO EARTH OR WEATHER, # 5 BARS AND SMALLER: 1 1/2 INCHES

iii. FORMED SURFACES EXPOSED TO EARTH OR WEATHER, #6 BARS AND LARGER: 2 INCHES

iv. INTERIOR SLABS, WALLS, AND JOISTS: 3/4 INCHES

v. BEAMS AND COLUMNS: 1 1/2 INCHES TO TRANSVERSE REINFORCING

E. REINFORCING SHALL BE SUPPORTED PRIOR TO CONCRETING IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE, MSP-1.

F. REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI 315.

G. WELDING OF REINFORCING IS PERMITTED ONLY WHERE SHOWN IN THE DRAWINGS. WELDING SHALL CONFORM TO AWS D1.4, STRUCTURAL WELDING CODE – STEEL.

3. SLAB ON GRADE CONTROL JOINTS:

A. THE CONTRACTOR SHALL INSTALL TOOLED OR SAWCUT CONTROL JOINTS IN THE CONCRETE SLABS ON GRADE. THE JOINTS SHALL BE 1/8" WIDE AND 1/4 DEEP, WHERE IT EQUALS THE SLAB THICKNESS.

B. THE JOINTS SHALL SUB-DIVIDE THE SLAB INTO PANELS WITH THE LONGER SIDE NO GREATER THAN 1.5 TIMES THE LENGTH OF THE SHORTER SIDE.

C. JOINTS IN INTERIOR SLABS SHALL BE SPACED AT NO FURTHER THAN 12'-0" APART AND JOINTS IN EXTERIOR SLABS SHALL BE SPACED AT NO FURTHER THAN 16'-0"

D. THE CONTRACTOR SHALL SUBMIT THEIR CONTROL JOINT PLAN TO THE ARCHITECT AND ENGINEER FOR REVIEW PRIOR TO THE FIRST SLAB ON GRADE CONCRETE POUR.

4. WELDED WIRE REINFORCEMENT: ASTM A1064, SHEETS ONLY

5. FIBER-REINFORCED CONCRETE: ASTM C1116, 100% HOMOPOLYMER POLYPROPYLENE MD FIBRILLATED FIBERS, 1.5 POUND PER CUBIC YARD, MINIMUM APPLICATION RATE

IV. POST-INSTALLED ANCHORS

1. ADHESIVE ANCHORS AND DOWELS IN CONCRETE: SET-XP (ICC-ES ESR-2508) OR AT-XP (IAPMO UES ESR-283) BY SIMPSON STRONG-TIE OR HIT-HY 200 (ICC-ES ESR-3187) BY HILTI.

2. EXPANSION ANCHORS IN CONCRETE: STRONG-BOLT 2 (ICC-ES ESR-3037) BY SIMPSON STRONG-TIE OR KWIK BOLT TZ (ICC-ES ESR-1917) BY HILTI.

3. SCREW ANCHORS IN CONCRETE: TITEN HD (ICC-ES ESR-2713) BY SIMPSON STRONG-TIE OR KWIK HUS-EZ (ICC-ES ESR-3027) BY HILTI.

4. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL POST-INSTALLED ANCHORS, INCLUDING REQUIREMENTS FOR INSTALLING ANCHORS NEAR HEAD OR BED JOINTS IN MASONRY WALLS.

5. PROVIDE STAINLESS STEEL FASTENERS FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER. PROVIDE ELECTRO-PLATED CARBON STEEL ANCHORS AT OTHER LOCATIONS, UNLESS NOTED OTHERWISE.

6. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF (2) ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE OR MASONRY BETWEEN THE ANCHOR AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH

NON-SHRINK GROUT. IF THE ANCHOR OR DOWEL MAY NOT BE SHIFTED AS NOTED ABOVE, SEEK GUIDANCE FROM THE ENGINEER.

7. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH POST-INSTALLED ANCHORS.

8. SUBSTITUTIONS: SUBSTITUTE PRODUCTS SHALL HAVE AN ASSOCIATED ICC-ES OR IAPMO EVALUATION REPORT AND THE CONTRACTOR MUST DEMONSTRATE PERFORMANCE IS EQUIVALENT TO THE SPECIFIED PRODUCTS. SUBSTITUTIONS WILL NOT BE CONSIDERED UNLESS THIS INFORMATION IS SUBMITTED.

V. STRUCTURAL STEEL FRAMING

1. MATERIALS:

A. WIDE FLANGE AND WT SHAPES: ASTM A992

B. CHANNELS, ANGLES, PLATES, AND BARS: ASTM A36

C. GRADE 50 PLATES: ASTM A572, Fy = 50 KSI. USE ONLY WHERE INDICATED ON THE PLANS.

D. PIPE: ASTM A53, GRADE B

E. HSS: ASTM A500 OR ASTM A1085, GRADE B, Fy = 42 KSI FOR ROUNDS AND 46 KSI FOR RECTANGULAR AND SQUARE

2. FASTENERS:

A. MACHINE BOLTS: ASTM A307

B. BOLTS: ASTM A325-X

C. ANCHOR RODS: ASTM F1554, GRADE 36, THREADED WITH NUT, UNLESS OTHERWISE NOTED, AND HOOKED FOR ANCHORING WOOD SOLE PLATES.

D. SHEAR STUD CONNECTORS AND WELDED THREADED STUDS: ASTM A108, GRADE 1010 THRU 1020

E. NUTS: ASTM A563

F. HARDENED PLAIN AND BEVELED WASHERS: ASTM F436

3. WELDING

A. ARC-WELDING ELECTRODES AND/OR FILLER METALS TO BE LOW HYDROGEN TYPES E70XX, E70TXX, OR E70XXX, MINIMUM, AS APPLICABLE.

B. WELDING SHALL CONFORM TO AWS D1.1, STRUCTURAL WELDING CODE - STEEL.

C. ALL WELDING SHALL BE PERFORMED BY A WELDER CERTIFIED BY AWS AND THE GOVERNING JURISDICTION, IF APPLICABLE.

D. FIELD WELDING SYMBOLS HAVE NOT NECESSARILY BEEN INDICATED ON THE DRAWINGS. WHERE SHOWN, PROPER FIELD WELDING PER AWS SHALL BE USED. WHERE NO FIELD WELDING SYMBOLS ARE SHOWN, IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE USE OF SHOP AND FIELD WELDS.

4. FABRICATION AND ERECTION

A. FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AISC 360 AND AISC 303.

B. UNLESS NOTED OTHERWISE, PRIME STRUCTURAL STEEL AND FASTENERS THAT ARE PERMANENTLY EXPOSED TO THE WEATHER WITH A HIGH-PERFORMANCE ACRYLIC COATING, PRO CRYL UNIVERSAL BY SHERWIN WILLIAMS, OR EQUAL. FIELD CUT, WELDED, AND/OR DAMAGED SURFACES SHALL BE TOUCHED UP WITH PRIMER PRIOR TO APPLYING FINISH COAT OF PAINT.

C. STRUCTURAL STEEL AND FASTENERS INDICATED ON THE DRAWINGS TO BE HOT-DIP GALVANIZED SHALL BE COATED IN ACCORDANCE WITH ASTM A123 AND ASTM A153. REPAIR AND TOUCH UP GALVANIZING AFTER ERECTION ACTIVITIES ARE COMPLETE IN ACCORDANCE WITH ASTM A780.

VI. WOOD FRAMING

1. MEMBERS

A. SAWN LUMBER: NO. 2 DOUGLAS FIR/LARCH, WMPA GRADING RULES

i. ALL LUMBER SHALL BE KILN DRIED WITH A MOISTURE CONTENT LESS THAN 19%.

ii. SILLS AND PLATES IN CONTACT WITH MASONRY OR CONCRETE, AND WITHIN 8" OF GRADE, SHALL BE PRESSURE-TREATED DOUGLAS FIR-LARCH. MUD SILL SHALL BE 2x MINIMUM THICKNESS OF THE SAME OR GREATER WIDTH AS THE STUDS ABOVE.

iii. WALL FRAMING SHALL BE 2x6 STUDS @ 16" O.C. UNLESS OTHERWISE NOTED. PROVIDE DOUBLE 2x6 TOP PLATE WITH MINIMUM 48" LAP SPLICE WITH (8) 16d COMMON NAILS MINIMUM, STAGGERED, UNLESS OTHERWISE NOTED.

iv. PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITION WALLS, UNLESS OTHERWISE NOTED.

v. JOISTS AND RAFTERS SHALL HAVE A 1 1/2" MINIMUM BEARING OR SHALL BE SEATED IN METAL HANGERS.

vi. BLOCKING SHALL BE SOLID 2x MATERIAL WITH THE SAME DEPTH AS THE JOIST OR RAFTER AND SHALL BE TIGHTLY FITTED BETWEEN JOISTS OR RAFTERS.

vii. FASTEN BEAMS, COLUMNS, TRIMMER STUDS, AND KING STUDS COMPOSED OF MULTIPLE 2x MEMBERS WITH TWO ROWS OF 10d NAILS @ 12" ON CENTER THROUGH LENGTH OR HEIGHT, STAGGERED TO PREVENT SPLITTING, BETWEEN EACH PLY.

B. TIMBERS: PREMIUM DOUGLAS FIR/LARCH, TPI GRADING RULES.

i. TIMBERS USED IN TRUSS CONSTRUCTION SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 12 PERCENT BEFORE ASSEMBLING THE TRUSS.

C. GLUED LAMINATED TIMBER:

i. GLUED LAMINATED TIMBER SHALL BE MANUFACTURED IN ACCORDANCE WITH AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AITC 117 AND AITC A190.1.

ii. GLUED LAMINATED TIMBER SHALL BE OF THE FOLLOWING GRADES, UNLESS NOTED OTHERWISE:

a. SINGLE SPAN MEMBERS: COMBINATION 24F-V4

b. MULTI-SPAN & CANTILEVERED MEMBERS: COMBINATION 24F-V8

iii. ALL LAMINATED MEMBERS SHALL BE INDUSTRIAL APPEARANCE GRADE, UNLESS NOTED OTHERWISE.

iv. GLU-LAM BEAMS EXPOSED TO WEATHER MUST BE SEALED.

D. ENGINEERED LUMBER:

i. LAMINATED VENEER LUMBER (LVL):

a. MINIMUM DESIGN PROPERTIES FOR 1 3/4"-WIDE MEMBERS: Fb = 2,800 PSI, E = 2,000,000 PSI, Fv = 285 PSI

b. MINIMUM DESIGN PROPERTIES FOR 3 1/2" AND WIDER MEMBERS: Fb = 3100 PSI, E = 2,000,000 PSI, Fv = 310 PSI

c. LVL MEMBERS SHALL NOT BE USED IN EXTERIOR APPLICATIONS OR AGAINST CONCRETE.

d. FASTEN MULTI-PLY LVL BEAMS OR JOISTS TOGETHER WITH TWO ROWS OF 10d NAILS @ 12" ON CENTER THROUGH LENGTH, STAGGERED TO PREVENT SPLITTING, BETWEEN EACH PLY. PROVIDE (8) ADDITIONAL 10d NAILS BETWEEN EACH PLY DISTRIBUTED CLOSELY TO THE VICINITY OF CONCENTRATED LOADS ON MEMBERS FROM FLUSH-SUPPORTED BEAMS OR JOISTS.

ii. PARALLEL STRAND LUMBER (PSL):

a. MINIMUM DESIGN PROPERTIES: Fb = 2900 PSI, E = 2,000,000 PSI, Fv = 290 PSI

b. PSL MEMBERS USED IN EXTERIOR APPLICATIONS, OR AGAINST CONCRETE, SHALL BE APPROVED BY THE MANUFACTURER FOR USE IN THE EXPOSURE CONDITION TO WHICH THEY ARE SUBJECT.

iii. LAMINATED STRAND LUMBER (LSL):

a. MINIMUM DESIGN PROPERTIES: Fb = 2325 PSI, E = 1,550,000 PSI, Fv = 310 PSI

E. PREFABRICATED WOOD I-JOISTS:

i. WOOD I-JOISTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM D5055.

ii. JOIST TYPES AND SIZES SHALL BE AS INDICATED ON THE PLANS, OR WRITTEN APPROVED EQUALS.

iii. JOISTS SHALL HAVE LOAD-CARRYING CAPACITY IN ACCORDANCE WITH THE MANUFACTURERS PUBLISHED LOAD TABLES. INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS OR AS DETAILED; USE THE MORE STRINGENT CONDITION.

iv. FLOOR SHEATHING SHALL BE GLUED AND NAILED CONTINUOUSLY TO THE TOP FLANGE OF ALL JOISTS AS SPECIFIED ON THE PLANS AND IN THESE NOTES.

v. SUBMIT SHOP DRAWINGS OF LAYOUT AND REQUIRED CONNECTION DETAILS FOR REVIEW BY THE ENGINEER PRIOR TO FABRICATION.

2. LOGS - TPI GRADING RULES

i. TRUSSES AND PURLINS - WW SELECT OR BETTER:

a. Fb = 880 PSI

b. Fv = 115 PSI

c. E = 1,100,000 PSI

ii. TIE LOGS AND FLOOR JOISTS - SELECT OR BETTER:

a. Fb = 880 PSI

b. Fv = 115 PSI

c. E = 1,100,000 PSI

iii. COLUMNS AND WALL LOGS - WALL LOG 40:

a. Fb = 550 PSI

b. Fv = 115 PSI

c. E = 800,000 PSI

iv. LOGS USED IN TRUSS CONSTRUCTION SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 12 PERCENT BEFORE ASSEMBLING THE TRUSS. LOG TRUSS TR1 AND TR2 SHALL HAVE DOUG-FIR SELECT TOP CHORD MEMBERS

a. Fb = 1300 PSI

b. Fv = 165 PSI

c. E = 1,500,000 PSI

3. WOOD STRUCTURAL PANELS

A. ROOF: 1/8"2" THICK, MINIMUM, 32/16 SPAN RATING; PANEL GRADE: APA RATED SHEATHING. NAILING, UNLESS NOTED OTHERWISE:

i. 8d @ 6" O.C. AT PANEL EDGES.

ii. 8d @ 12" O.C. AT INTERMEDIATE RAFTERS.

B. FLOOR: 23/32" THICK, MINIMUM, 24" O.C. SPAN RATING; PANEL GRADE APA RATED SHEATHING GLUE AND NAIL, UNLESS NOTED OTHERWISE.

i. 10d @ 6" O.C. AT PANEL EDGES

ii. 10d @ 12" O.C. AT INTERMEDIATE JOIST WALLS: 7/16" THICK, 24/0 SPAN RATING; PANEL GRADE: APA RATED SHEATHING. NAILING, UNLESS NOTED OTHERWISE:

i. 8d @ 6" O.C. AT PANEL EDGES.

ii. 8d @ 12" O.C. AT INTERMEDIATE STUDS.

D. WOOD STRUCTURAL PANELS SHALL CONFORM TO VOLUNTARY PRODUCT STANDARDS PS 1 AND PS 2 AND APA PRP-108 PERFORMANCE STANDARDS.

E. ALL SHEATHING SHALL BEAR THE APA TRADEMARK AND GRADE STAMP

F. ALL END JOINTS SHALL BE STAGGERED AND SHALL BUTT ALONG THE CENTER LINES OF FRAMING MEMBERS.

G. THE LONG DIMENSION OF PANELS SHALL BE INSTALLED PERPENDICULAR TO SUPPORTS WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS.

H. PANELS SHALL NOT BE LESS THAN 4' x 8'. EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING, THE MINIMUM PANEL DIMENSION FOR FLOOR SHEATHING AT BOUNDARIES SHALL BE 24" UNLESS ALL EDGES OF THE UNDERSIZED PANELS ARE SUPPORTED BY AND FASTENED TO FRAMING MEMBERS OR BLOCKING.

I. NAILS SHALL BE COMMON WIRE NAILS (NOT BOX OR SINKER NAILS) AND BE PLACED 3/8" MINIMUM FROM THE EDGE OF THE PANELS. THE MINIMUM NAIL PENETRATION INTO FRAMING MEMBERS SHALL BE 1 1/2" FOR 8d NAILS AND 1 5/8" FOR 10d NAILS.

J. WHERE SPECIAL INSPECTIONS ARE REQUIRED, PANEL NAILING SHALL BE INSPECTED PRIOR TO COVERING.

PREFABRICATED WOOD TRUSSES:

A. MAXIMUM TRUSS SPACING: 24' O.C.

B. TRUSS LOADING UNLESS NOTED OTHERWISE ON DRAWINGS:

i. TOP CHORD LIVE LOAD = 20 PSF

ii. TOP CHORD DEAD LOAD = 8 PSF

iii. BOTTOM CHORD LIVE LOAD = 0 PSF

iv. BOTTOM CHORD DEAD LOAD = 7 PSF

v. NET WIND UPLIFT (FOR LOAD COMBINATION 0.6 x DEAD - 0.6 x WIND) = 0 PSF AT INTERIOR REGIONS, 3 PSF WITHIN 6 FEET OF AND PARALLEL TO ROOF EDGES, AND 18 PSF WITHIN 8 FEET IN ANY DIRECTION FROM ROOF CORNERS.

vi. REVIEW THE PLANS AND DETAILS FOR SPECIAL LOADS INCLUDING, BUT NOT LIMITED TO, REACTIONS FROM PARAPET WALLS, MECHANICAL UNITS, AND AXIAL LOADS FROM SEISMIC CROSS-TIES AND DRAG STRUTS.

C. TRUSSES TO BE FABRICATED BY A CERTIFIED MEMBER OF THE TRUSS PLATE INSTITUTE. DESIGN, FABRICATION, AND ERECTION TO CONFORM TO ANSI/TPI 1.

D. TRUSS SUBMITTAL PACKAGE: THE TRUSS SUBMITTAL PACKAGE PROVIDED BY THE TRUSS MANUFACTURER SHALL CONSIST OF EACH INDIVIDUAL TRUSS DESIGN DRAWING, THE TRUSS PLACEMENT DIAGRAM, THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING METHOD, AND DETAILS AND ANY OTHER STRUCTURAL DETAILS PERTAINING TO THE TRUSSES.

i. TRUSS DESIGN DRAWINGS: DRAWINGS SHALL BE PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED. DRAWINGS SHALL INCLUDE THE WRITTEN, GRAPHIC, AND PICTORIAL DEPICTION OF EACH INDIVIDUAL TRUSS SHALL BE PROVIDED TO THE BUILDING OFFICIAL FOR APPROVAL PRIOR TO INSTALLATION. REFERENCE THE DEFERRED SUBMITTAL SECTION OF THESE NOTES FOR MORE INFORMATION. TRUSS DESIGN DRAWINGS SHALL ALSO BE PROVIDED WITH THE SHIPMENT OF TRUSSES DELIVERED TO THE JOB SITE. TRUSS DESIGN DRAWINGS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:

a. SLOPE OR DEPTH, SPAN, AND SPACING

b. LOCATION OF ALL JOINTS AND SUPPORT LOCATIONS

c. NUMBER OF PILES IF GREATER THAN ONE

d. REQUIRED BEARING WIDTHS

e. DESIGN LOADS AS APPLICABLE, INCLUDING:

(i) TOP CHORD LIVE LOAD

(ii) TOP CHORD DEAD LOAD

(iii) BOTTOM CHORD LIVE LOAD

(iv) BOTTOM CHORD DEAD LOAD

(v) ADDITIONAL LOADS AND LOCATIONS

(vi) ENVIRONMENTAL DESIGN CRITERIA AND LOADS (WIND, RAIN, SNOW, SEISMIC, ETC.)

f. OTHER LATERAL LOADS, INCLUDING DRAG STRUT LOADS

g. ADJUSTMENTS TO WOOD MEMBER AND METAL CONNECTOR PLATE DESIGN VALUE FOR CONDITIONS OF USE

h. METAL-CONNECTOR-PLATE TYPE, SIZE, AND THICKNESS OR GAGE, AND THE DIMENSIONED LOCATION OF EACH METAL CONNECTOR PLATE. CONNECTOR PLATES SHALL HAVE A CURRENT ICC-ES OR IAPMO EVALUATION REPORT.

i. SIZE, SPECIES, AND GRADE FOR EACH WOOD MEMBER

j. TRUSS-TO-TRUSS CONNECTIONS AND TRUSS FIELD ASSEMBLY REQUIREMENTS

k. CALCULATED SPAN-TO-DEFLECTION RATIO AND MAXIMUM VERTICAL AND HORIZONTAL DEFLECTION FOR LIVE AND TOTAL LOAD, AS APPLICABLE

l. MAXIMUM AXIAL TENSION AND COMPRESSION FORCES IN THE TRUSS MEMBERS

m. REQUIRED PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT LOCATION AND THE METHOD AND DETAILS OF RESTRAINT/BRACING TO BE USED

ii. PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT: CONFORM WITH SECTION 2303.4.1.2 OF THE 2012 IBC. PROJECT-SPECIFIC PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING DESIGN, IF USED, SHALL BE SPECIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED

E. TEMPORARY INSTALLATION BRACING/RESTRAINT: THE CONTRACTOR IS RESPONSIBLE FOR THE LATERAL AND INSTALLATION BRACING OF THE TRUSSES. TRUSS BRACING SHALL COMPLY WITH THE REQUIREMENTS OF TPI D58-89. TEMPORARY BRACING INCLUDES TOP CHORD LATERAL BRACING, BOTTOM CHORD LATERAL BRACING, DIAGONAL BRACING, CROSS BRACING, AND GROUND BRACING.

F. TRUSSES SPANNING 60 FEET OR GREATER: THE OWNER SHALL CONTRACT WITH ANY QUALIFIED REGISTERED PROFESSIONAL ENGINEER FOR THE DESIGN OF THE TEMPORARY INSTALLATION RESTRAINT/BRACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING FOR ALL TRUSSES WITH CLEAR SPANS 60 FEET OR GREATER.

2. FASTENERS AND FRAMING ANCHORS AND CONNECTORS:

A. NAILS: COMMON WIRE NAILS

i. 8d = 0.131" DIA. x 2 1/2" LONG

ii. 10d = 0.148" DIA. x 3" LONG

iii. 16d = 0.182" DIA. x 3 1/2" LONG.

B. LAG BOLTS AND THRU-BOLTS: ASTM A307

i. THRU-BOLT HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER. PROVIDE STANDARD CUT WASHER UNDER ALL HEAD AND NUTS FOR BOLTS BEARING ON WOOD.

ii. INSTALL LAG BOLTS IN DRILLED PILOT HOLES EQUAL TO 3/4 OF THE BOLT SHANK DIAMETER. DO NOT HAMMER OR OVER-DRIVE BOLTS. PROVIDE STANDARD CUT WASHER UNDER ALL LAG BOLT HEADS BEARING ON WOOD.

C. WOOD SCREWS: AS SPECIFIED ON PLANS

D. FRAMING ANCHORS AND CONNECTORS: SIMPSON STRONG-TIE, ICC-ES ESR 2523, OR APPROVED EQUAL

E. METAL CONNECTORS AND TREATED LUMBER:

i. ALL METAL CONNECTORS IN CONTACT WITH TREATED LUMBER SHALL BE STAINLESS STEEL, BATCH/POST HOT-DIP GALVANIZED PER ASTM A123 OR A153, OR PROPRIETARY EQUIVALENT. EXCEPTION: ANCHOR BOLTS

ii. FASTENERS ARE TO MATCH THE FINISH AND MATERIAL OF THE CONNECTORS.

3. CUTTING, BORING, AND NOTCHING OF WOOD MEMBERS:

A. STUDS:

i. IN EXTERIOR WALLS AND BEARING PARTITIONS, ANY WOOD STUD MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25 PERCENT OF ITS WIDTH. CUTTING OR NOTCHING OF STUDS TO A DEPTH NOT GREATER THAN 40 PERCENT OF THE WIDTH OF THE STUD IS PERMITTED IN NONBEARING PARTITIONS SUPPORTING NO LOADS OTHER THAN THE WEIGHT OF THE PARTITION.

ii. A HOLE NOT GREATER IN DIAMETER THAN 40 PERCENT OF THE STUD WIDTH MAY BE BORED IN ANY WOOD STUD, BORED HOLES SHALL BE GREATER THAN 80 PERCENT OF THE WIDTH OF THE STUD ARE PERMITTED IN NONBEARING PARTITIONS OR IN ANY WALL WHERE EACH BORED STUD IS DOUBLED, PROVIDED NOT MORE THAN TWO SUCH SUCCESSIVE DOUBLED STUDS ARE SO BORED. IN NO CASE SHALL THE EDGE OF THE BORED HOLE BE NEARER THAN 5/8 INCH TO THE EDGE OF THE STUD. BORED HOLES SHALL NOT BE LOCATED AT THE SAME SECTION OF STUD AS A CUT OR NOTCH.

B. JOISTS AND RAFTERS:

i. NOTCHES AT THE ENDS OF JOISTS AND RAFTERS SHALL NOT EXCEED ONE FOURTH THE DEPTH. NOTCHES IN THE TOP OR BOTTOM OF JOISTS OR RAFTERS SHALL NOT EXCEED ONE SIXTH THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE ONE THIRD OF THE SPAN, EXCEPT THAT A NOTCH NOT EXCEEDING ONE THIRD OF THE DEPTH IS PERMITTED IN THE TOP OF A RAFTER OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER.

ii. HOLES BORED IN JOISTS OR RAFTERS SHALL NOT BE WITHIN 2 INCHES OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED ONE THIRD THE DEPTH OF THE MEMBER.

C. BEAMS:

i. NOTCHES ARE NOT PERMITTED UNLESS APPROVED OR DETAILED BY THE ENGINEER, SUBJECT TO THE FOLLOWING LIMITATIONS. NOTCHES IN SAWN LUMBER BENDING MEMBERS SHALL NOT EXCEED ONE SIXTH THE DEPTH OF THE MEMBER AND SHALL NOT BE LOCATED IN THE MIDDLE THIRD OF THE SPAN, WHERE MEMBERS ARE NOTCHED AT THE ENDS, THE NOTCH DEPTH SHALL NOT EXCEED ONE FOURTH THE BEAM DEPTH. THE TENSION SIDE OF SAWN LUMBER BENDING MEMBERS OF 4 INCHES IN NOMINAL THICKNESS SHALL NOT BE NOTCHED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. HOLES FOR PIPES, ETC. SHALL NOT BE BORED IN SAWN LUMBER BENDING MEMBERS OF 4 INCHES OR GREATER WITHOUT SPECIFIC DETAILS FROM THE ENGINEER.

D. ENGINEERED LUMBER AND PREFABRICATED WOOD I-JOISTS: CONFORM TO MANUFACTURER'S RESTRICTIONS FOR CUTTING, BORING, AND NOTCHING.

4. GENERAL:

A. FOR CONNECTIONS FOR WOOD MEMBERS NOT SHOWN ON THESE DRAWINGS OR IN THESE NOTES, USE THE CBC FASTENING SCHEDULE, TABLE 2304.10.1.

B. ALL EXTERIOR WOOD SHALL BE PRESSURE TREATED, PAINTED OR STAINED. MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER. FOLLOW THE MANUFACTURERS RECOMMENDATIONS FOR EXTERIOR APPLICATIONS.

II. DEFERRED SUBMITTALS

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED FOR THE FOLLOWING DEFERRED DESIGN ITEMS. UPON REVIEW AND ACCEPTANCE OF THE SUBMITTAL, THE ENGINEER AND ARCHITECT WILL FORWARD THE DOCUMENTS TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

A. PRE-FABRICATED WOOD TRUSSES

STATEMENT OF SPECIAL INSPECTIONS

1. SPECIAL INSPECTION OF CONCRETE CONSTRUCTION

A. ALL CONCRETE CONSTRUCTION IS MINOR IN NATURE, THEREFORE STRUCTURAL TESTS AND SPECIAL INSPECTIONS ARE NOT REQUIRED.

2. SPECIAL INSPECTION OF STEEL CONSTRUCTION

A. ALL STEEL CONSTRUCTION IS MINOR IN NATURE, THEREFORE STRUCTURAL TESTS AND SPECIAL INSPECTIONS ARE NOT REQUIRED.

3. SPECIAL INSPECTION OF LOG WALLS

A. SPECIAL INSPECTION OF LOG PINNING.

1. TASK: CONTINUOUS INSPECTION OF LOG PINNING (PIPES AND LAG SCREWS)



STRUCTURAL ONLY

ECLIPSE
ENGINEERING

13300 W. WILLOW B
LOS GATOS, CA 95030
ECLIPSE-ENGINEERING.COM
(408) 724-5293

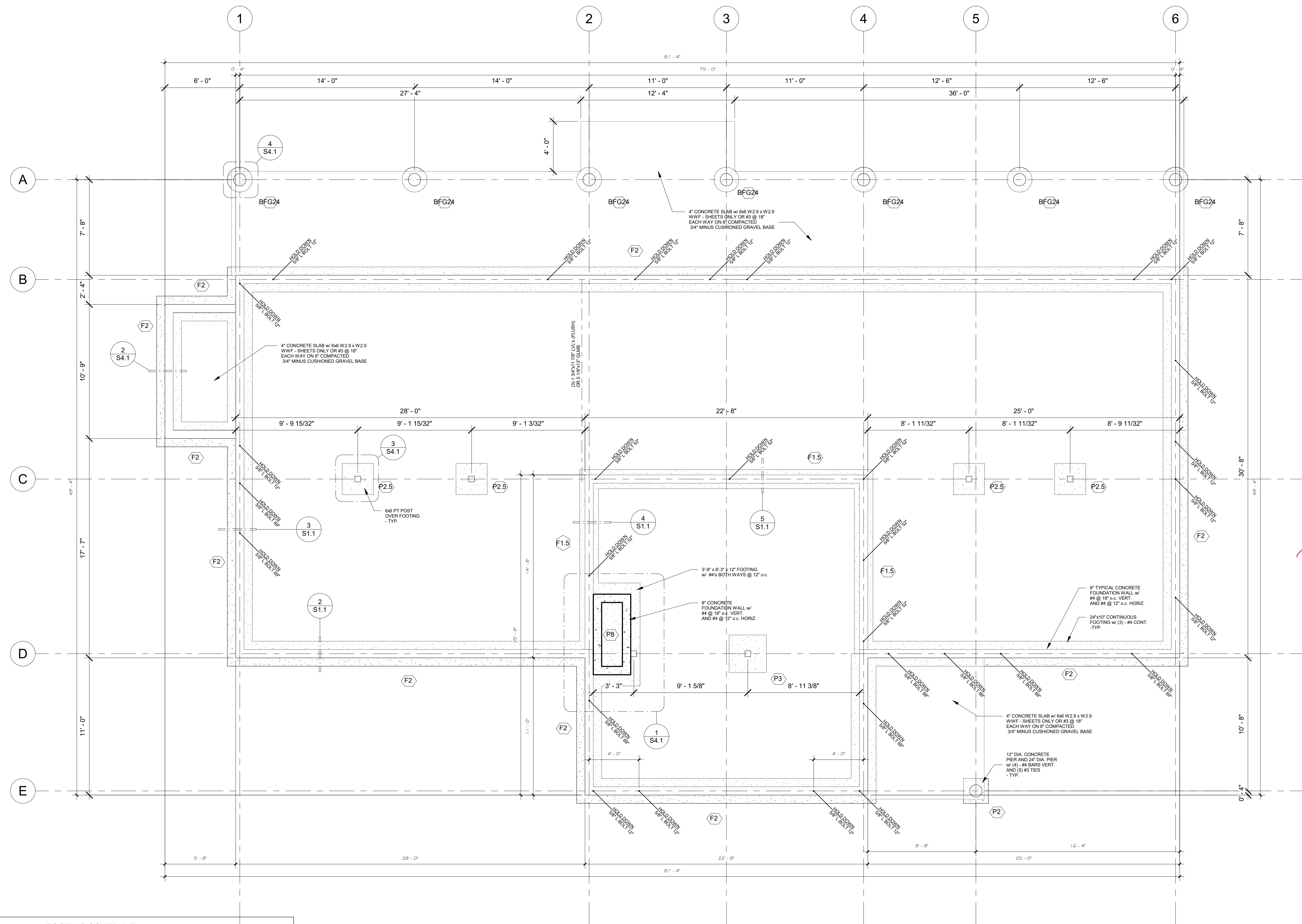
TILLER RESIDENCE
LOS GATOS, CALIFORNIA

REVISIONS	

GENEAREL NOTES

PROJ #: 21-07-077
CHECKED BY: LG
DRAWN BY: BP
DATE: 11/04/2021
SHEET:

S1.0



FOOTING SCHEDULE		
MARK	Description	REBAR REINFORCING
BFG24	BIG FOOT FTG	PER DETAIL
F1.5	18" W x 10" DP	(2) - #4 BARS CONTINUOUS
F2	24" W x 10" DP	(3) - #4 BARS CONTINUOUS
P2	24" W x 10" DP	(3) - #4 BARS EACH WAY
P2.5	30" W x 10" DP	(3) - #4 BARS EACH WAY
P3	36" W x 10" DP	(4) - #4 BARS EACH WAY
P8	MIN. 60" x 96" x 10" DP	#4 BARS @ 12" o.c. EACH WAY

PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY, ALL OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE PLANS TO BE PROVIDED BY OTHERS

NOTE: REF. 7/S6.1 AND 8/S6.1 FOR HOLD DOWN DETAILS



PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875

PHONE: 406-961-3273
PLTMONTANA.COM

FOUNDATION PLAN
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY

PREVIOUS ISSUES

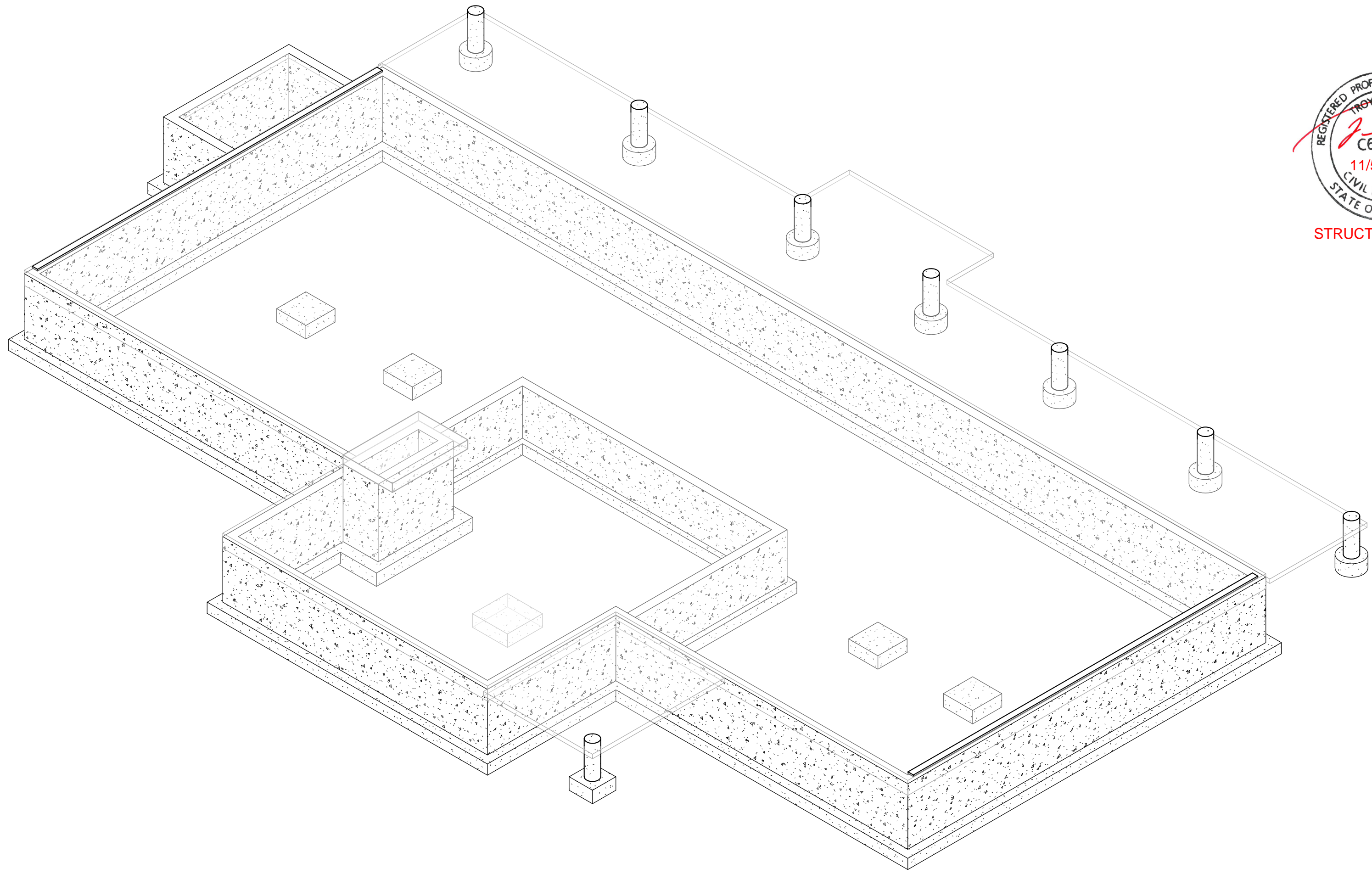
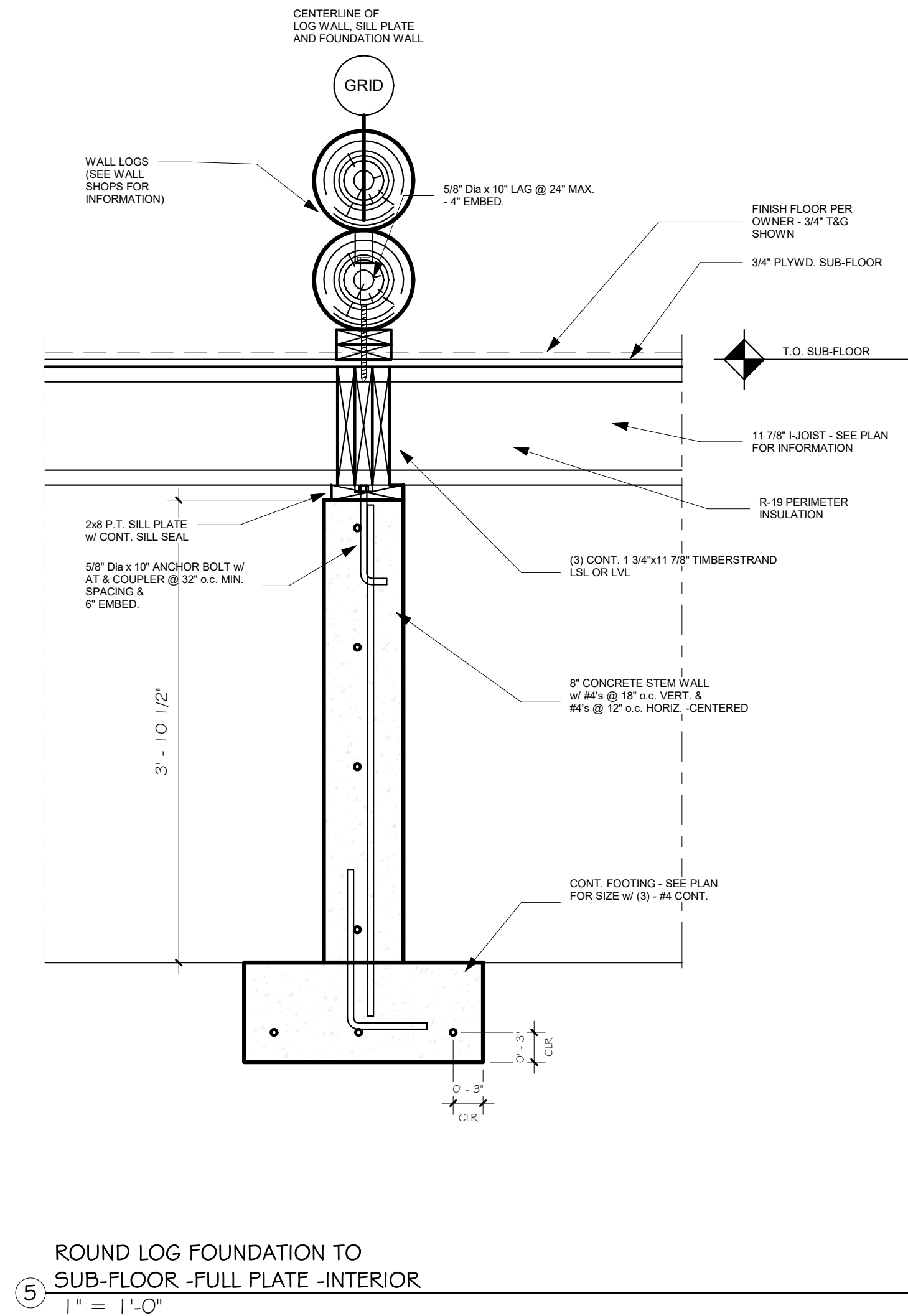
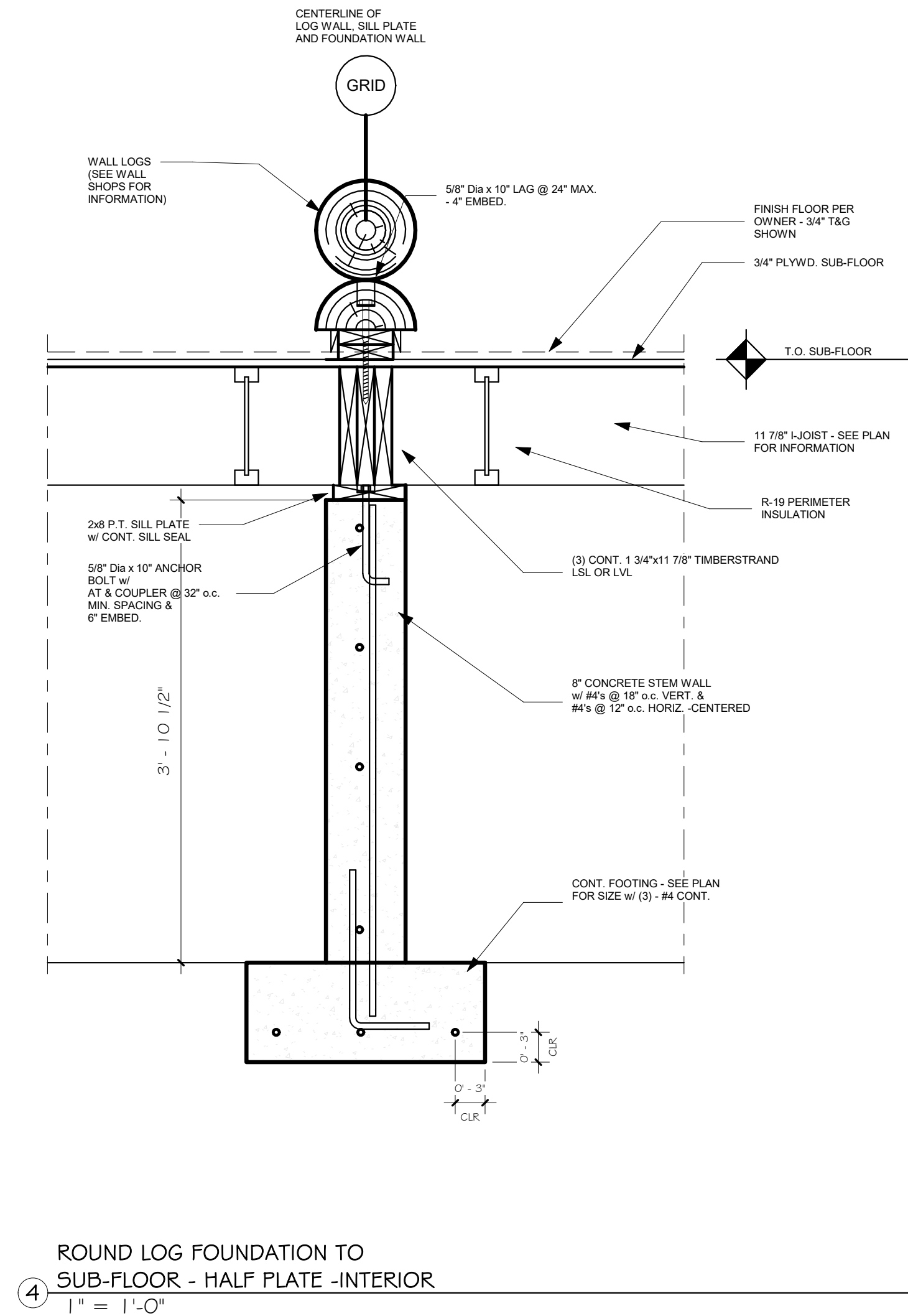
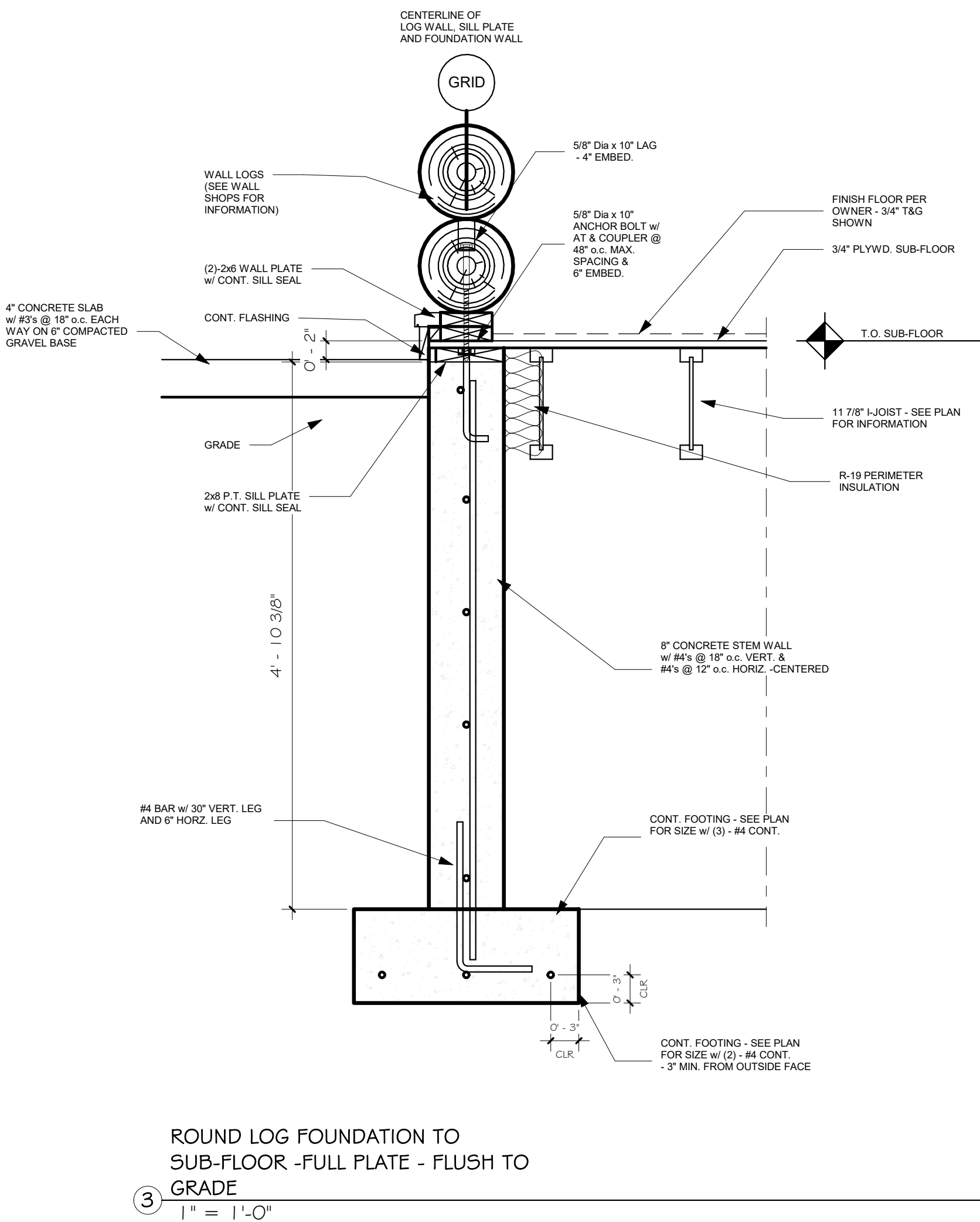
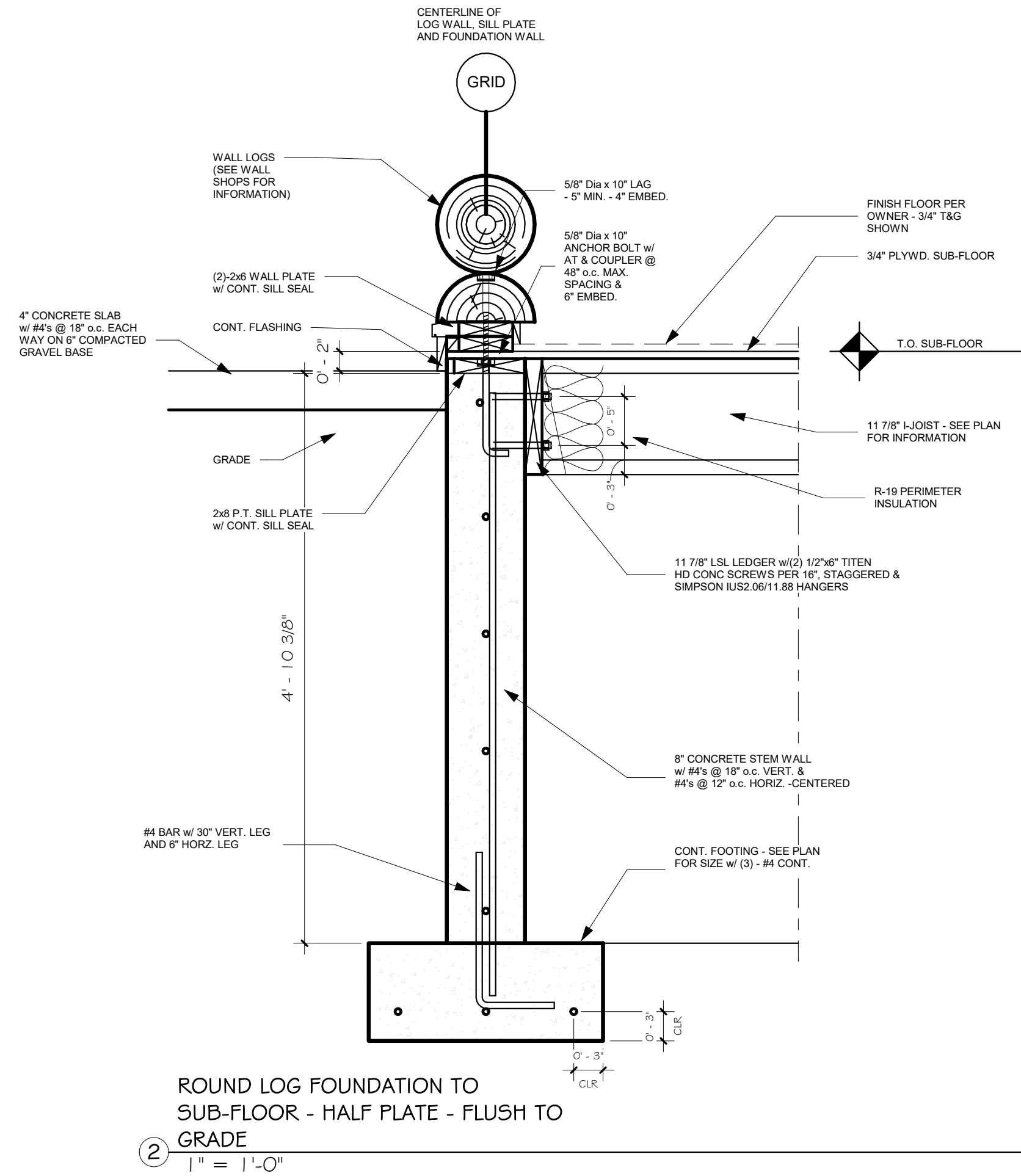
DATE
11-5-21

DRAWN BY: TH

JOB NUMBER
21-003

SHEET
S1.0

11/5/2021 3:12:15 PM



REVISIONS



PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875
PHONE: 406-961-3273
PLTMONTANA.COM

FOUNDATION PLAN - 3D VIEW
TILLER RESIDENCE
LOS GATOS, CA

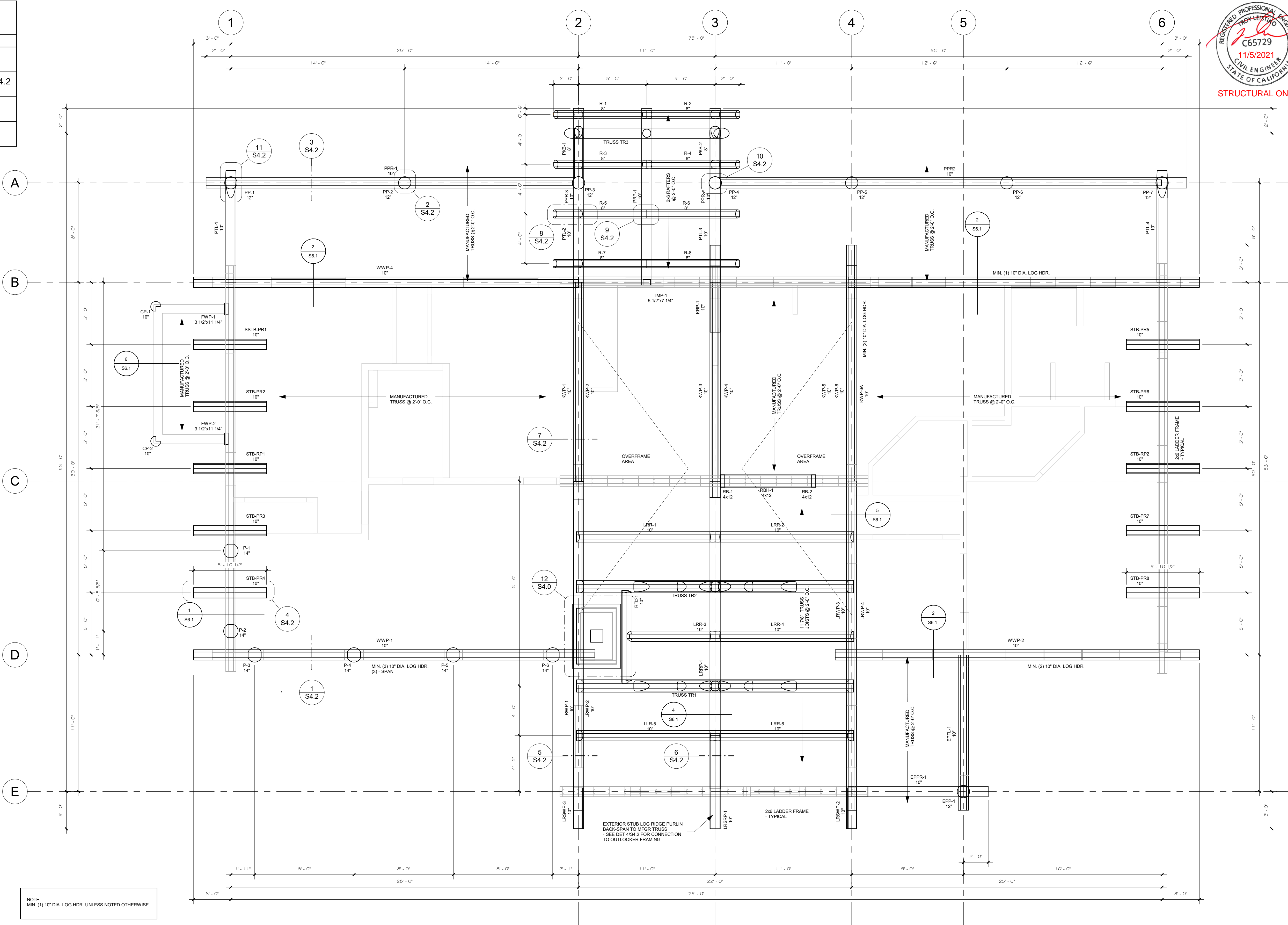
ENGINEERED BY -
PREVIOUS ISSUES Approver
DATE 11-5-21
DRAWN BY Author
JOB NUMBER 21-003
SHEET S1.1

PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY, ALL
OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE
PLANS TO BE PROVIDED BY OTHERS

11/5/2021 3:12:18 PM

PLT - FRAME HARDWARE		
QTY.	ITEM	DETAIL
24	5/8" x 12" LAG SCREWS w/ WASHERS	2/S4.2
14	5/8" x 12" LAG SCREWS w/ WASHERS	5/S4.2 & 6/S4.2
4	5/8" x 12" LAG SCREWS w/ WASHERS	10/S4.2
3	5/8" x 12" LAG SCREWS w/ WASHERS	11/S4.2

PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY, ALL
OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE
PLANS TO BE PROVIDED BY OTHERS



1 ROOF FRAMING PLAN
1/4" = 1'-0"



REVISIONS

Authentic Craftsmanship
EST. 1976 • MONTANA

ROOF FRAMING PLAN
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY
-

PREVIOUS ISSUES
-

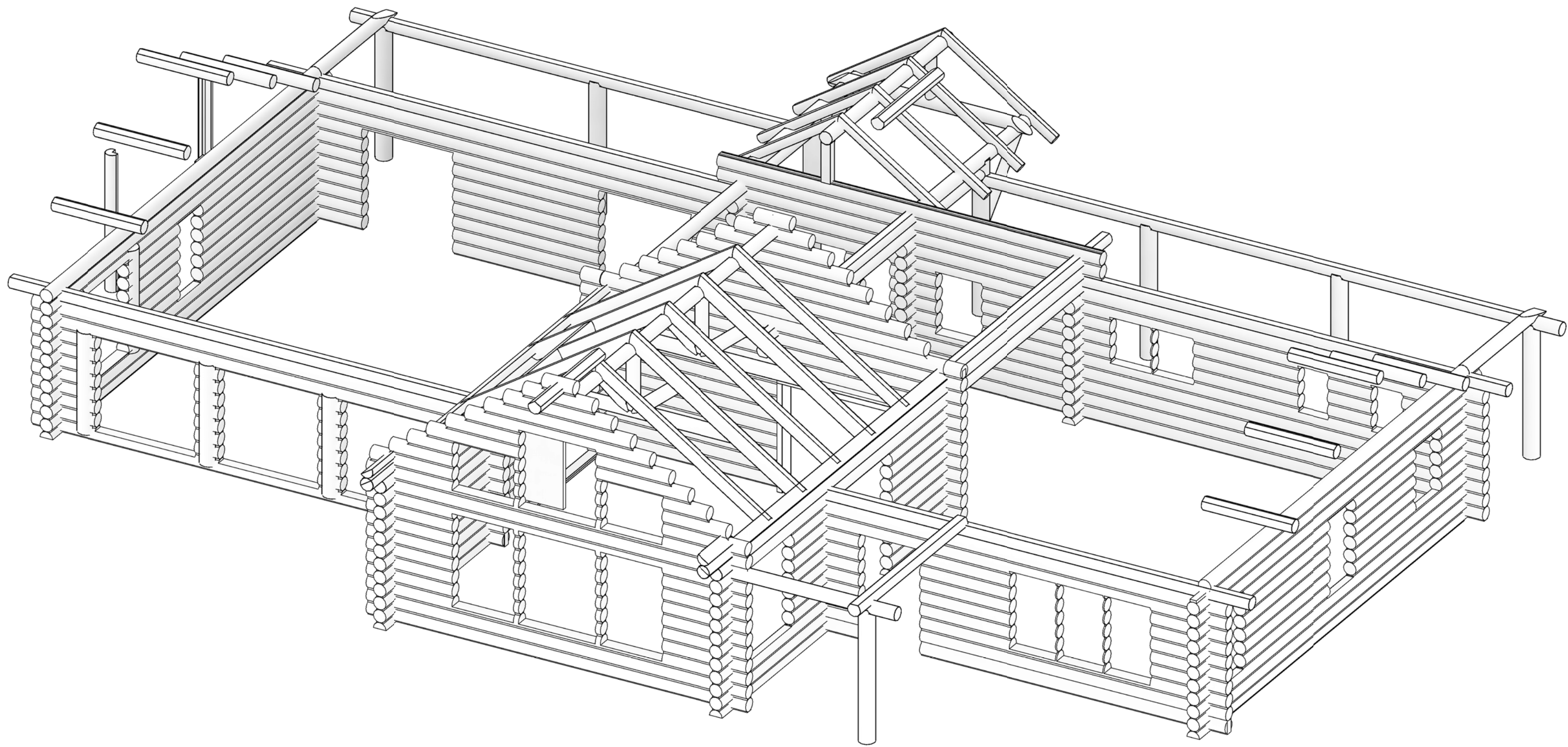
DATE
11-5-21

DRAWN BY: TH

JOB NUMBER
21-003

SHEET
S1.3

11/5/2021 3:12:20 PM




1 LOG WALL AND ROOF 3D VIEW

PLT - POST SCHEDULE						
MARK	SIZE	LENGTH IN FEET	SPECIES	GRADE	FINISH	NOTES
BFG24	BFG24	3				
CP-1	10"	9	WW	WALL LOG 40	HP	MATERIAL ONLY - CORNER POST
CP-2	10"	9	WW	WALL LOG 40	HP	MATERIAL ONLY - CORNER POST
EPP-1	12"	9	WW	WALL LOG 40	HP	
FWP-1	3 1/2"x11 1/4"	9	WW	WALL LOG 40	RS	
FWP-2	3 1/2"x11 1/4"	10	WW	WALL LOG 40	RS	
P-1	14"	7	WW	WALL LOG 40	HP	
P-2	14"	7	WW	WALL LOG 40	HP	
P-3	14"	7	WW	WALL LOG 40	HP	
P-4	14"	7	WW	WALL LOG 40	HP	
P-5	14"	7	WW	WALL LOG 40	HP	
P-6	14"	7	WW	WALL LOG 40	HP	
PP-1	12"	9	WW	WALL LOG 40	HP	
PP-2	12"	9	WW	WALL LOG 40	HP	
PP-3	12"	10	WW	WALL LOG 40	HP	
PP-4	12"	10	WW	WALL LOG 40	HP	
PP-5	12"	9	WW	WALL LOG 40	HP	
PP-6	12"	9	WW	WALL LOG 40	HP	
PP-7	12"	9	WW	WALL LOG 40	HP	
RB-1	4x12	7	WW	WALL LOG 40	RS/WIREBRUSH	FULL DIMENSION -MATERIAL ONLY
RB-2	4x12	7	WW	WALL LOG 40	RS/WIREBRUSH	FULL DIMENSION -MATERIAL ONLY
TMP-1	5 1/2"x7 1/4"	3	WW	WALL LOG 40	RS	
TR3-KP1	8"	4	WW	WALL LOG 40	HP	
Grand total: 23						

PLT - BEAM SCHEDULE						
MARK	SIZE	LENGTH IN FEET	SPECIES	GRADE	FINISH	NOTES
EPPR-1	10"	11	WW	SEL&BTR	HP	
EPTL-1	10"	13	WW	SEL&BTR	HP	
KRP-1	10"	7	WW	SEL&BTR	HP	MATERIAL ONLY
KWP-1	10"	17	WW	SEL&BTR	HP	
KWP-2	10"	17	WW	SEL&BTR	HP	
KWP-3	10"	18	WW	SEL&BTR	HP	
KWP-4	10"	18	WW	SEL&BTR	HP	
KWP-5	10"	19	WW	SEL&BTR	HP	
KWP-6	10"	18	WW	SEL&BTR	HP	
KWP-6A	10"	18	WW	SEL&BTR	HP	
LLR-5	10"	15	WW	SEL&BTR	HP	
LRR-1	10"	15	WW	SEL&BTR	HP	
LRR-2	10"	15	WW	SEL&BTR	HP	
LRR-3	10"	11	WW	SEL&BTR	HP	
LRR-4	10"	15	WW	SEL&BTR	HP	
LRR-6	10"	15	WW	SEL&BTR	HP	
LRRP-1	10"	25	WW	SEL&BTR	HP	
LRSRP-1	10"	8	WW	SEL&BTR	HP	MATERIAL ONLY
LRSWP-2	10"	3	WW	SEL&BTR	HP	MATERIAL ONLY
LRSWP-3	10"	3	WW	SEL&BTR	HP	MATERIAL ONLY
LRWP-1	10"	28	WW	SEL&BTR	HP	
LRWP-2	10"	27	WW	SEL&BTR	HP	
LRWP-3	10"	28	WW	SEL&BTR	HP	
LRWP-4	10"	27	WW	SEL&BTR	HP	
PKB-1	8"	6	WW	SEL&BTR	HP	
PKB-2	8"	6	WW	SEL&BTR	HP	
PPR2	10"	38	WW	SEL&BTR	HP	
PPR-1	10"	30	WW	SEL&BTR	HP	
PPR-3	10"	14	WW	SEL&BTR	HP	
PPR-4	10"	14	WW	SEL&BTR	HP	
PRP-1	10"	15	WW	SEL&BTR	HP	
PTL-1	10"	9	WW	SEL&BTR	HP	
PTL-2	10"	8	WW	SEL&BTR	HP	
PTL-3	10"	8	WW	SEL&BTR	HP	
PTL-4	10"	9	WW	SEL&BTR	HP	
R-1	8"	10	WW	SEL&BTR	HP	
R-2	8"	10	WW	SEL&BTR	HP	
R-3	8"	10	WW	SEL&BTR	HP	
R-4	8"	10	WW	SEL&BTR	HP	
R-5	8"	10	WW	SEL&BTR	HP	
R-6	8"	10	WW	SEL&BTR	HP	
R-7	8"	10	WW	SEL&BTR	HP	
R-8	8"	10	WW	SEL&BTR	HP	
RBH-1	4x12	8	WW	SEL&BTR	RS / WIREBRUSH	FULL DIMENSION - MATERIAL ONLY
RTL-1	10"	8	WW	SEL&BTR	HP	
SSTB-PR1	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-PR2	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-PR3	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-PR4	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-PR5	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-PR6	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-PR7	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-PR8	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-RP1	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
STB-RP2	10"	6	WW	SEL&BTR	HP	MATERIAL ONLY
TC1-WB2	10"	5	WW	SEL&BTR	HP	
TR3-BC1	10"	15	WW	SEL&BTR	HP	
WWP-1	10"	33	WW	SEL&BTR	HP	
WWP-2	10"	30	WW	SEL&BTR	HP	
WWP-3	10"	28	WW	SEL&BTR	HP	
WWP-4	10"	31	WW	SEL&BTR	HP	
Grand total: 61						

REGISTERED PROFESSIONAL ENGINEER
C65729
11/5/2021
CIVIL ENGINEER
STATE OF CALIFORNIA
STRUCTURAL ONLY

REVISIONS



Authentic Craftsmanship
EST. 1976 • MONTANA

PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875
PHONE: 406-961-3273
PLTMONTANA.COM

LOG FRAME SCHEDULES
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY
-

PREVIOUS ISSUES
-

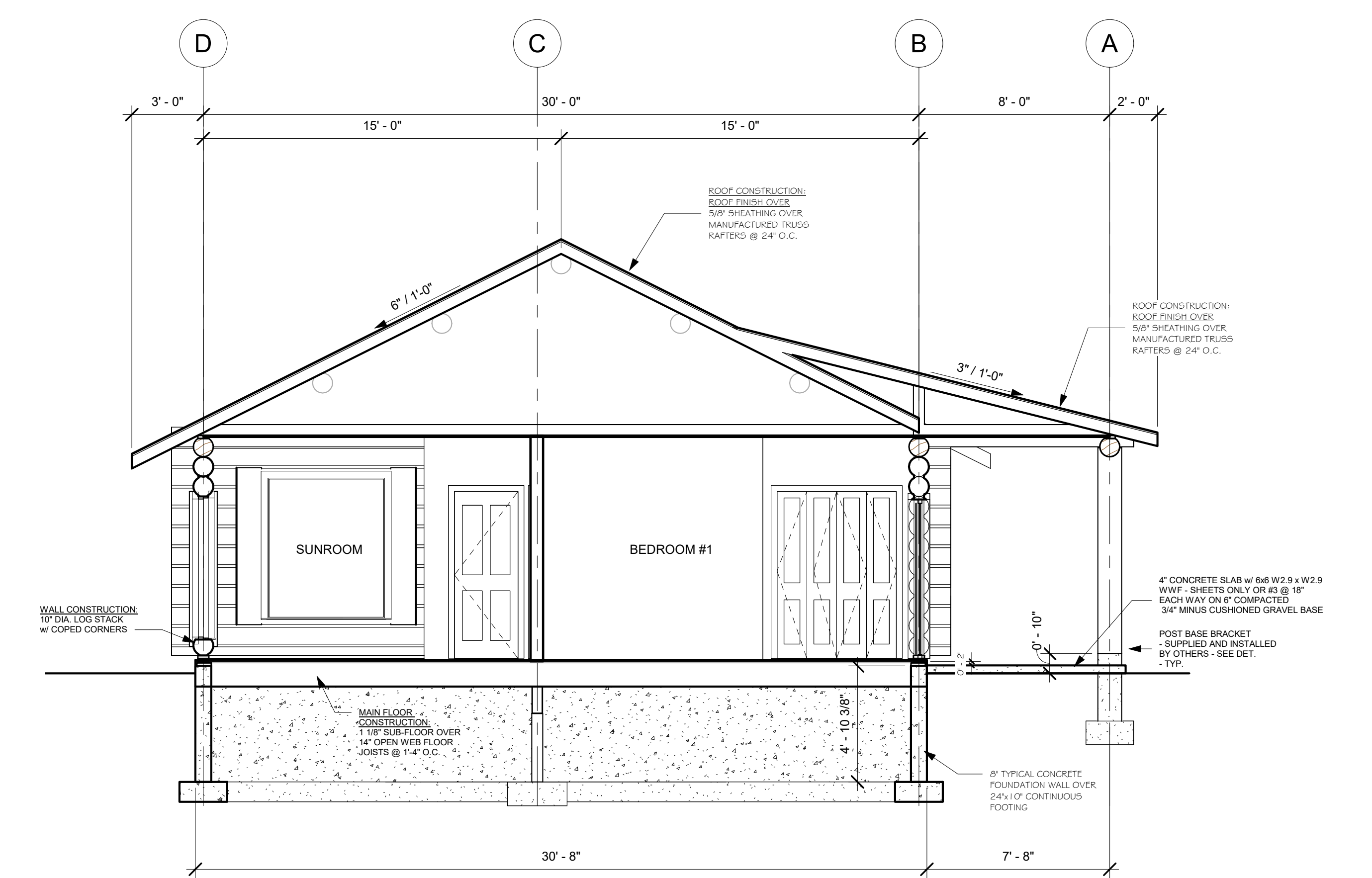
DATE
11-5-21

DRAWN BY: TH

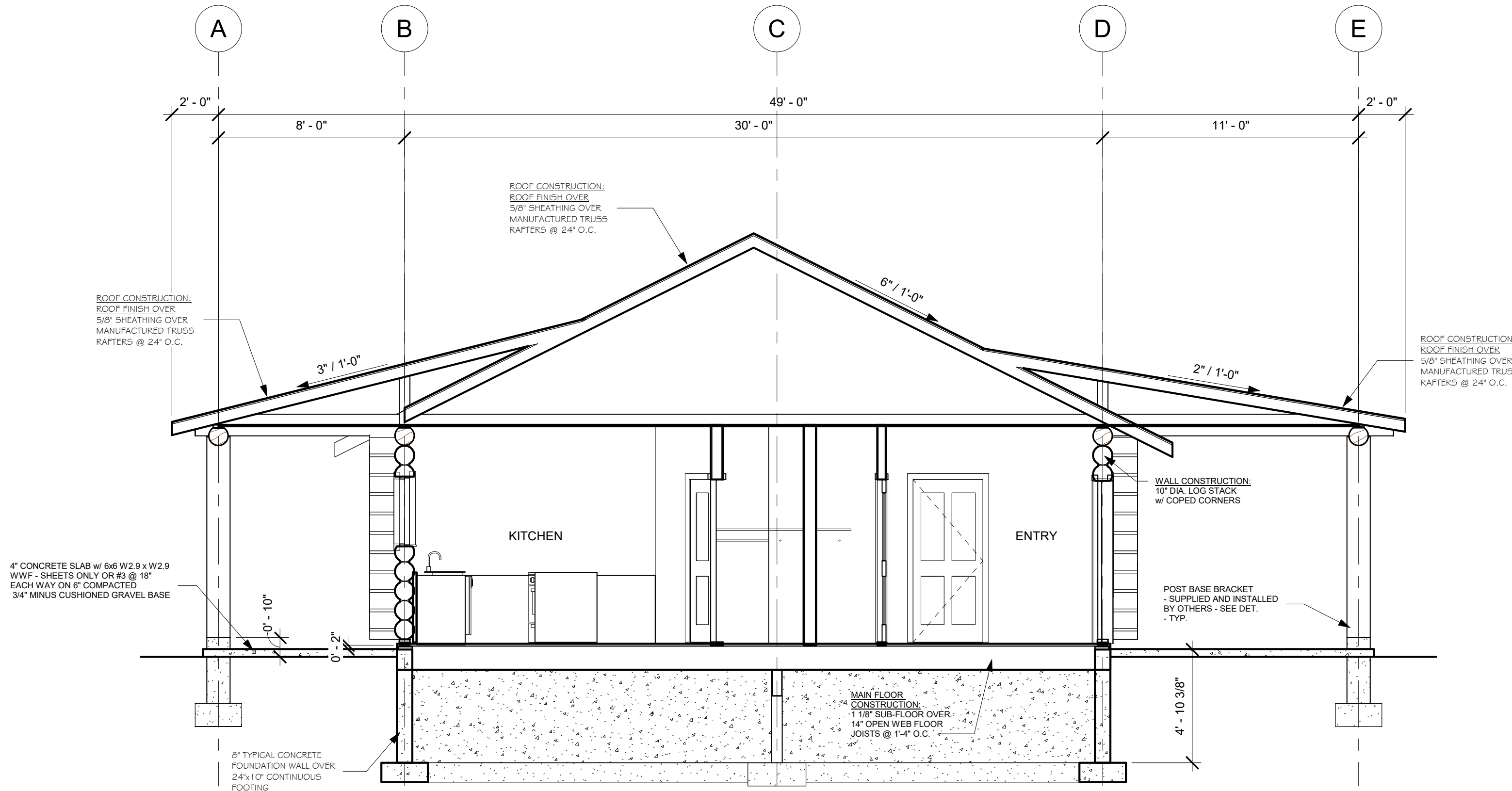
JOB NUMBER
21-003

SHEET
S1.4

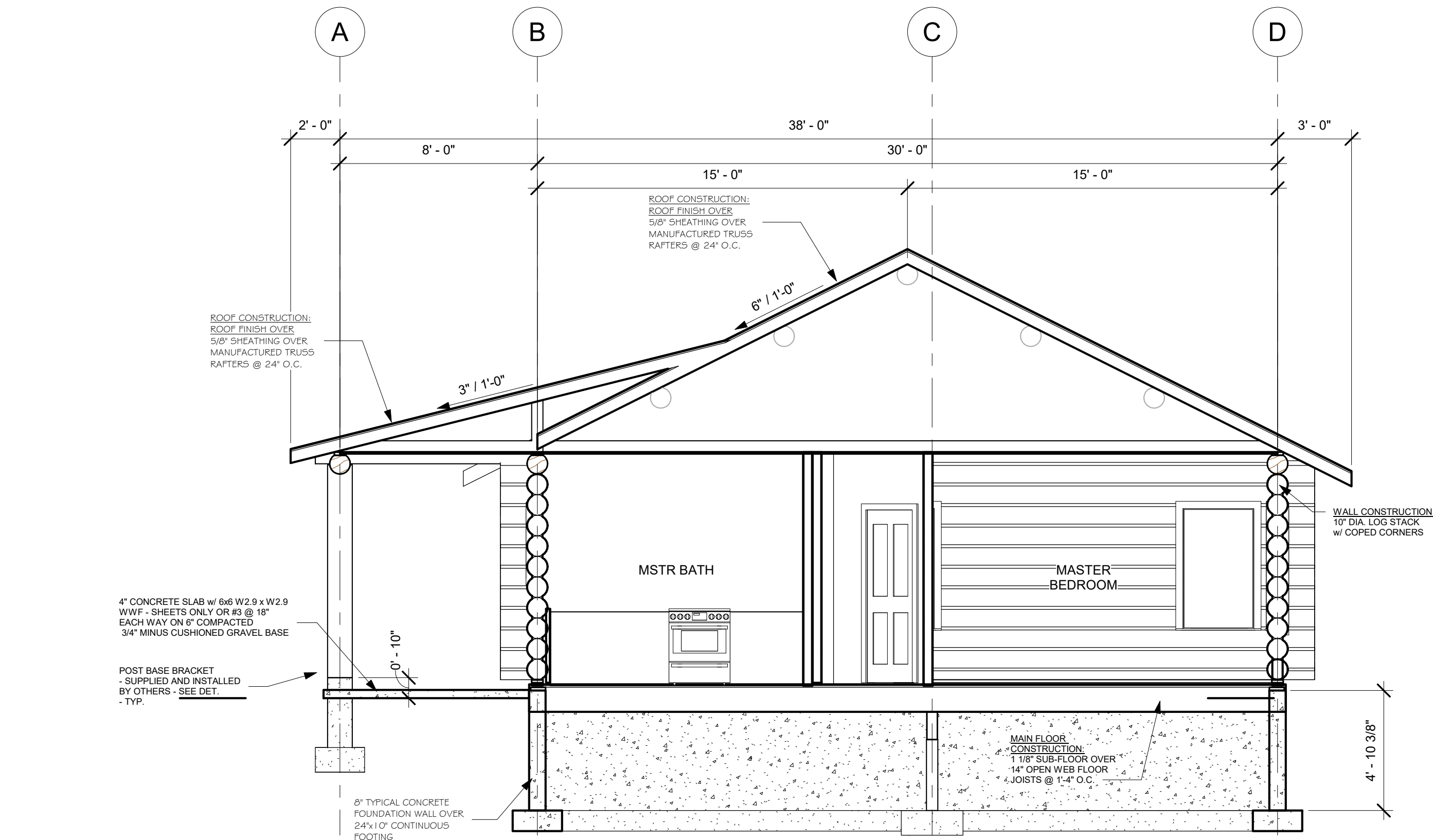
11/5/2021 3:12:24 PM



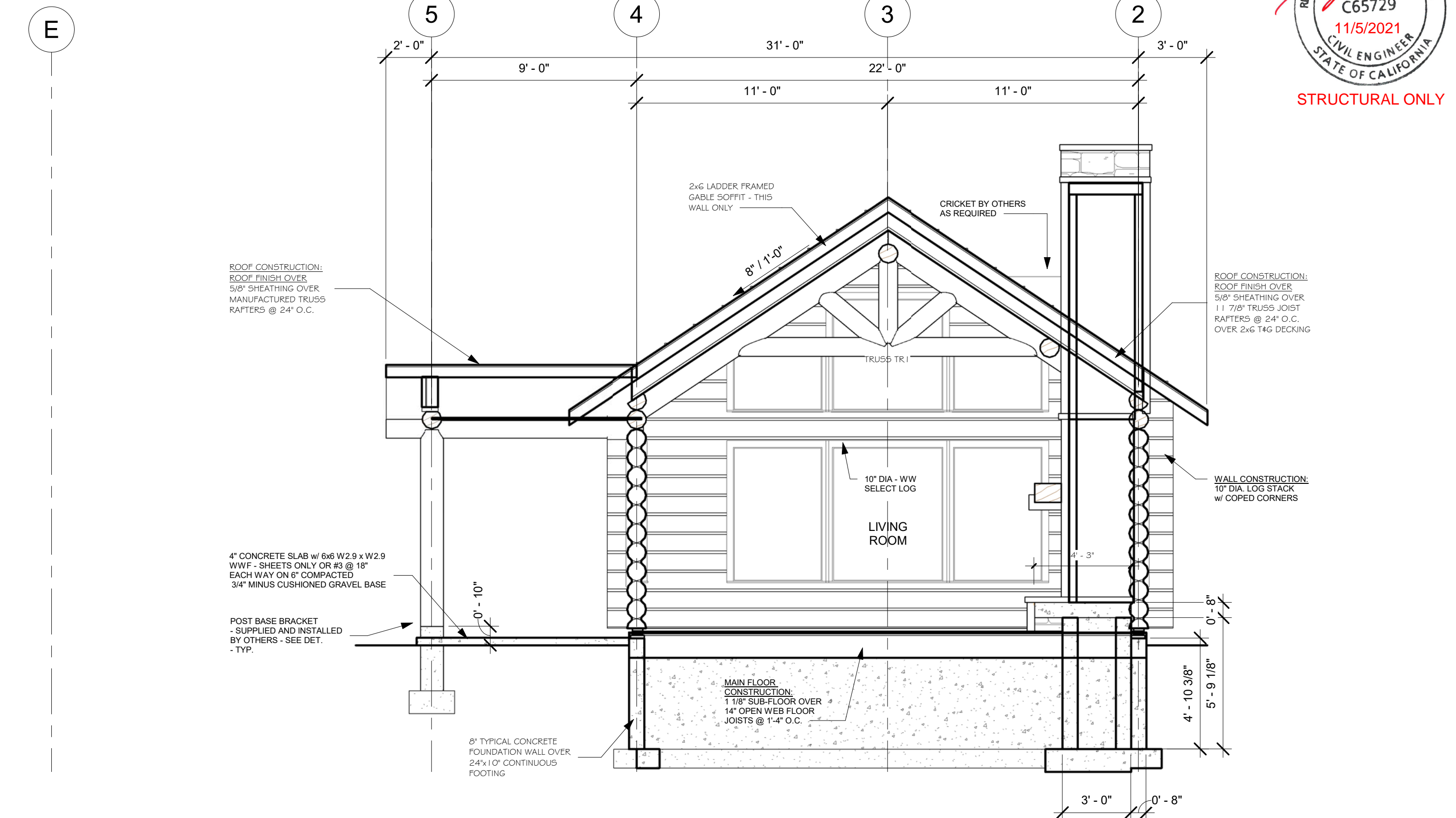
1 SECTION THRU BEDROOM / SUNROOM
1/4" = 1'-0"



2 SECTION THRU ENTRY / KITCHEN
1/4" = 1'-0"



3 SECTION THRU MASTER BEDROOM
1/4" = 1'-0"



4 SECTION THRU LIVING ROOM
1/4" = 1'-0"

REVISIONS



Authentic Craftsmanship
EST. 1976 • MONTANA

PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875

PHONE: 406-961-3273
PLTMONTANA.COM



STRUCTURAL ONLY

SECTIONS #1

TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY

PREVIOUS ISSUES

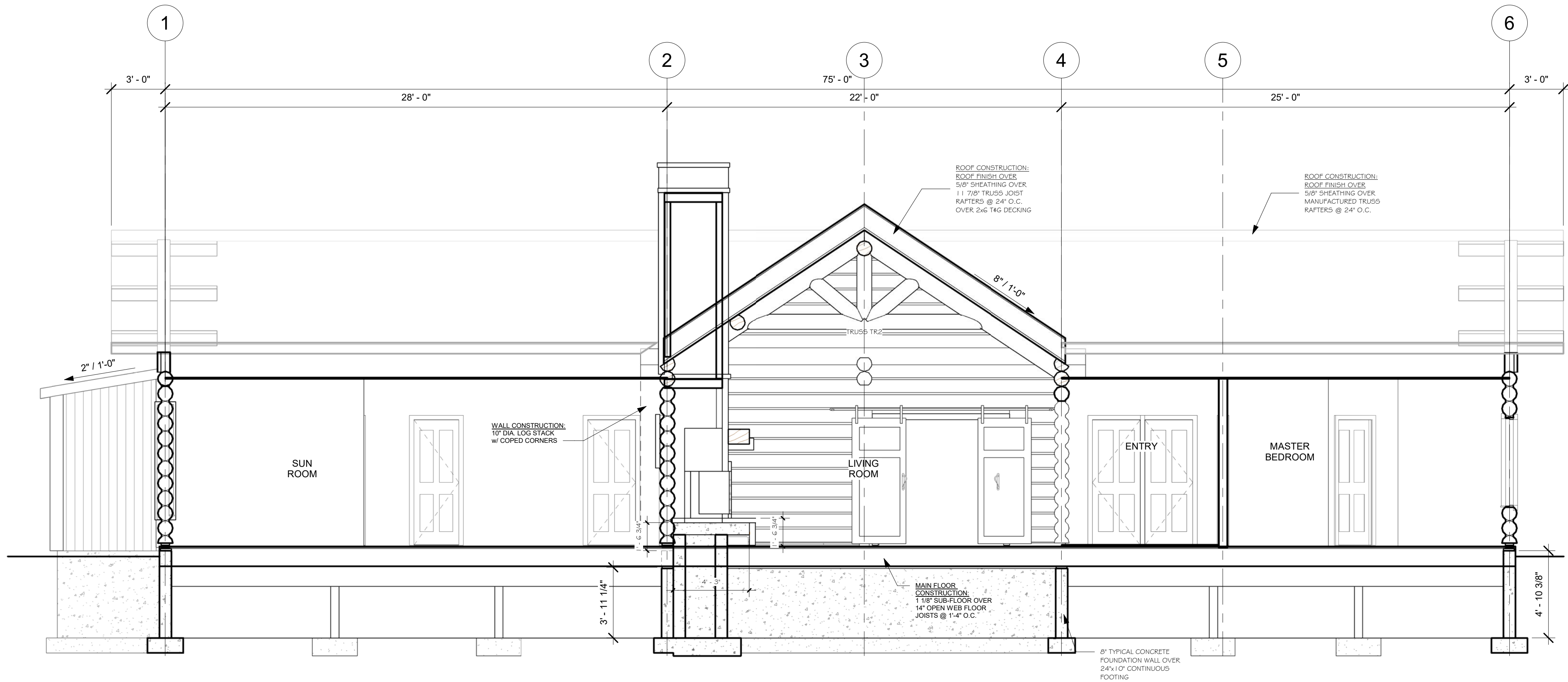
DATE
11-5-21

DRAWN BY: TH

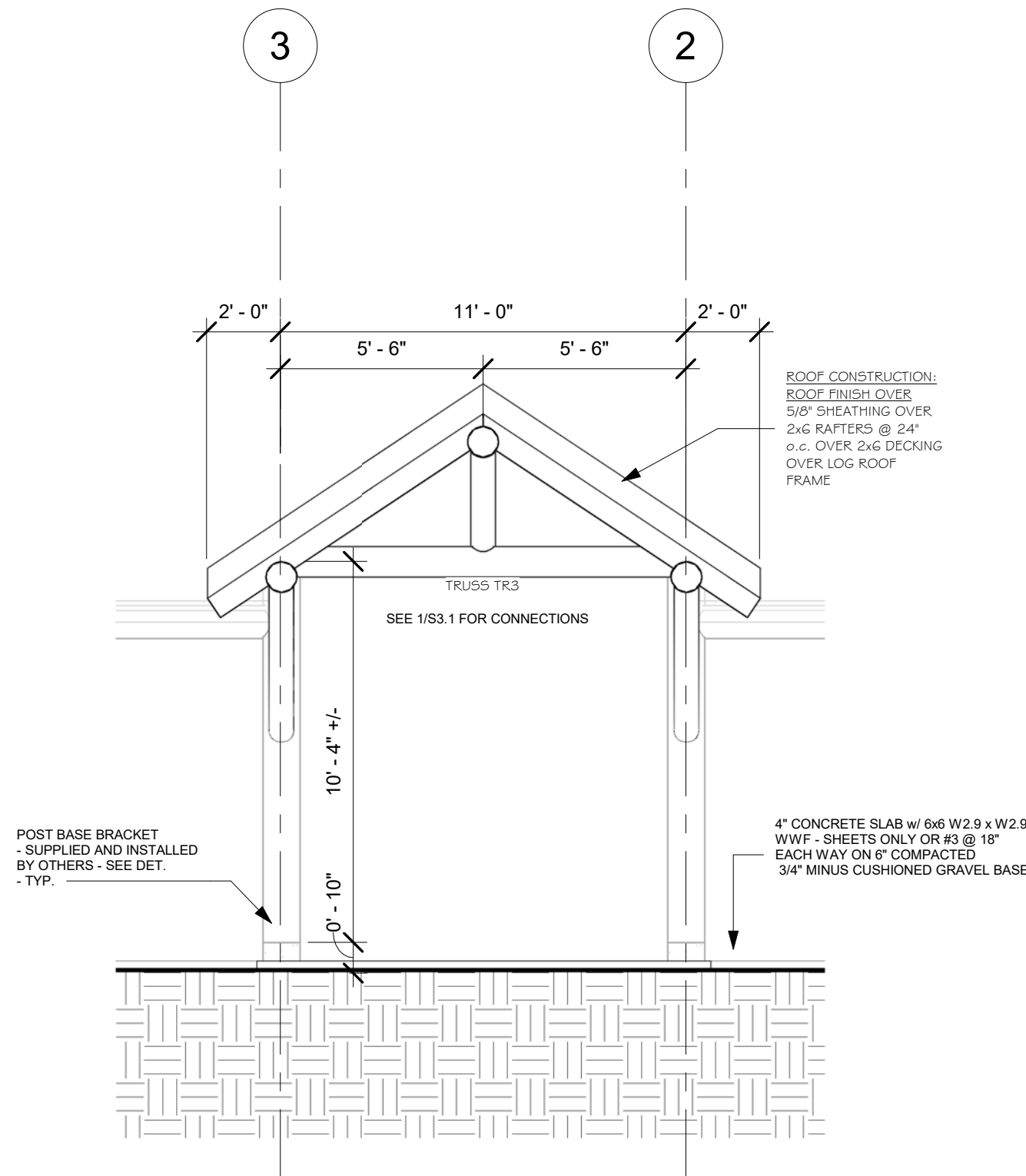
JOB NUMBER
21-003

SHEET
S2.0

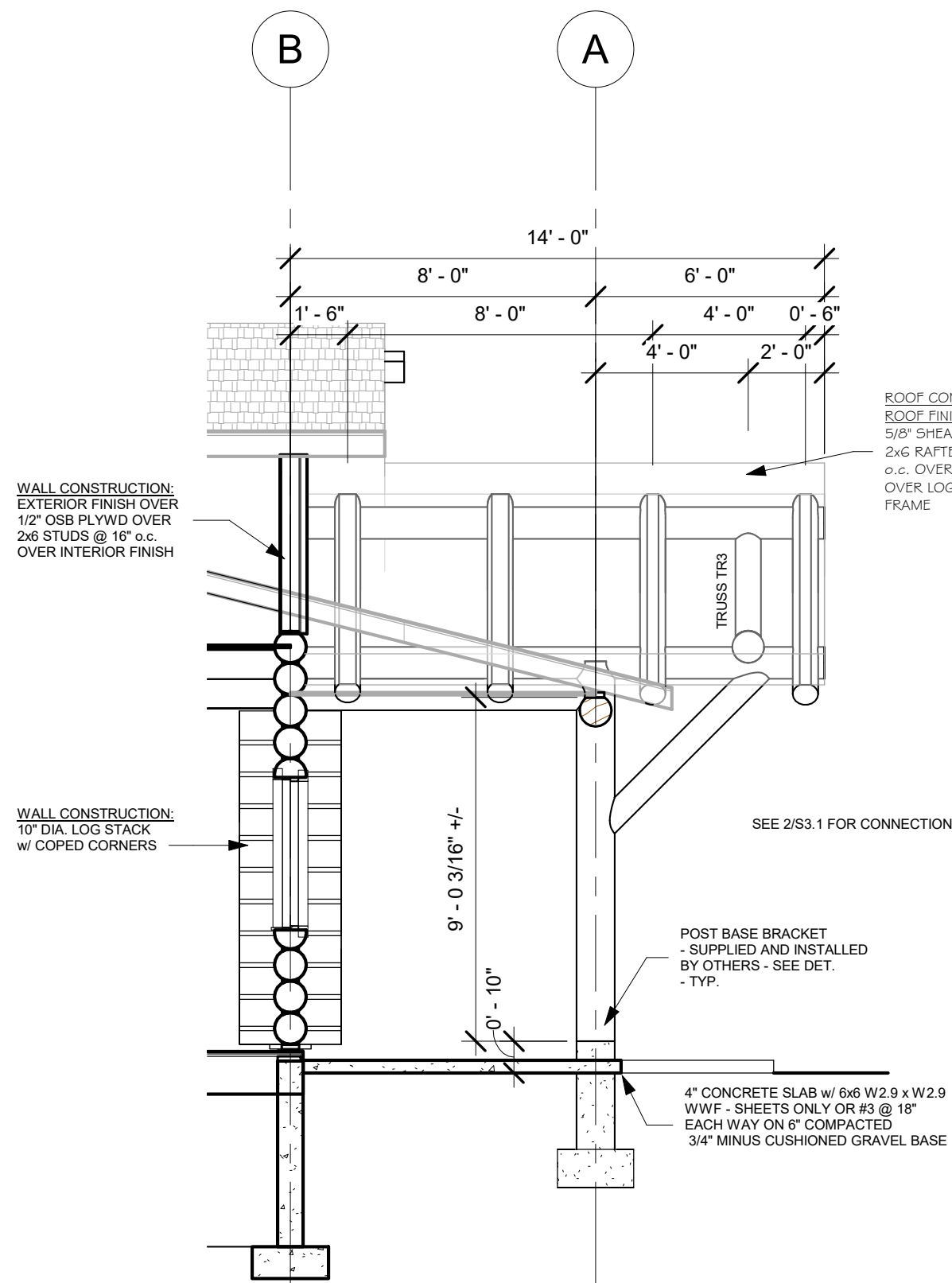
11/5/2021 3:12:28 PM



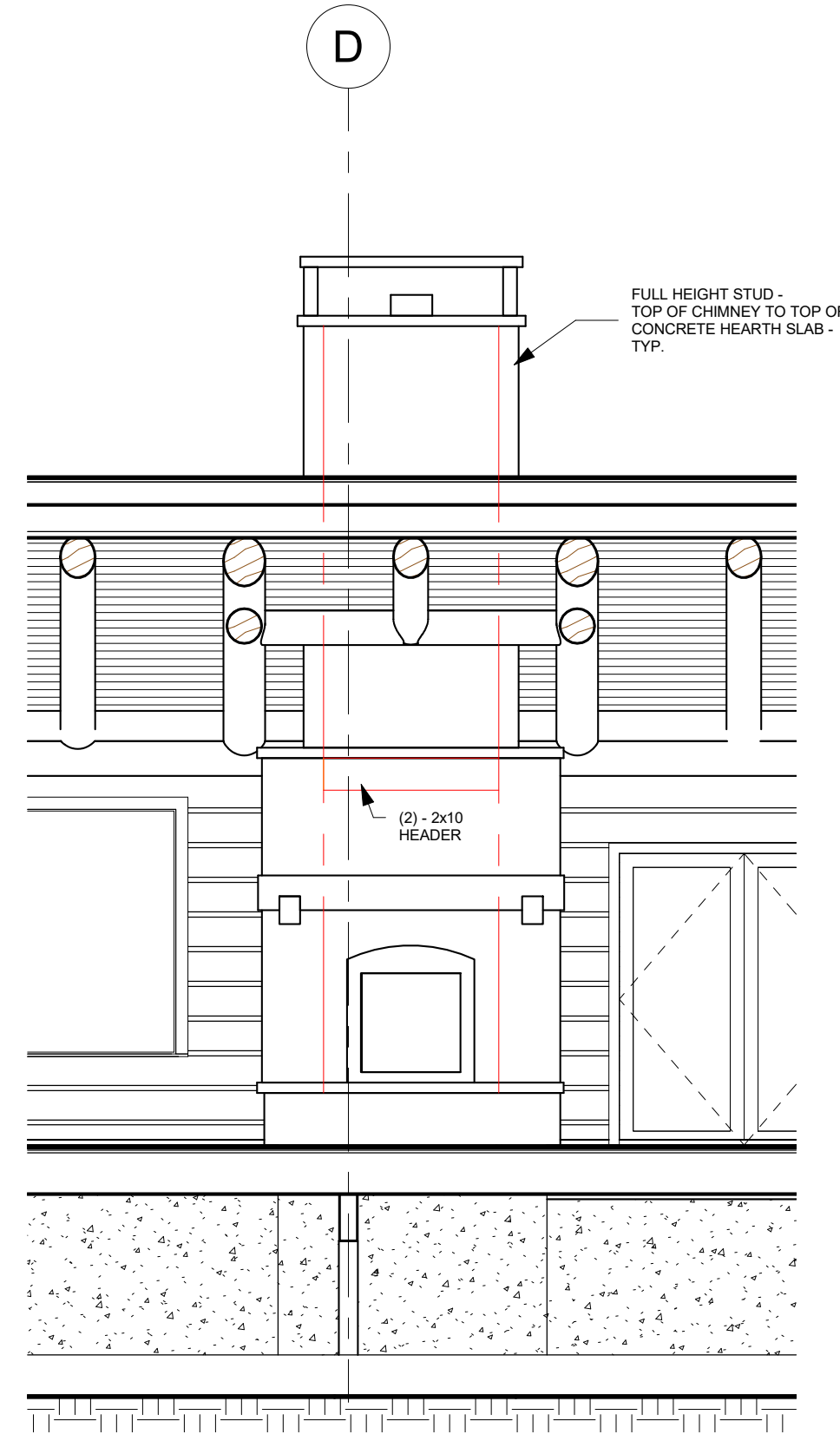
1 LONGITUDINAL SECTION THRU HOUSE
1/4" = 1'-0"



2 SECTION THRU PATIO
1/4" = 1'-0"



3 LONGITUDINAL SECTION THRU PATIO
1/4" = 1'-0"



4 FIREPLACE VIEW
1/4" = 1'-0"



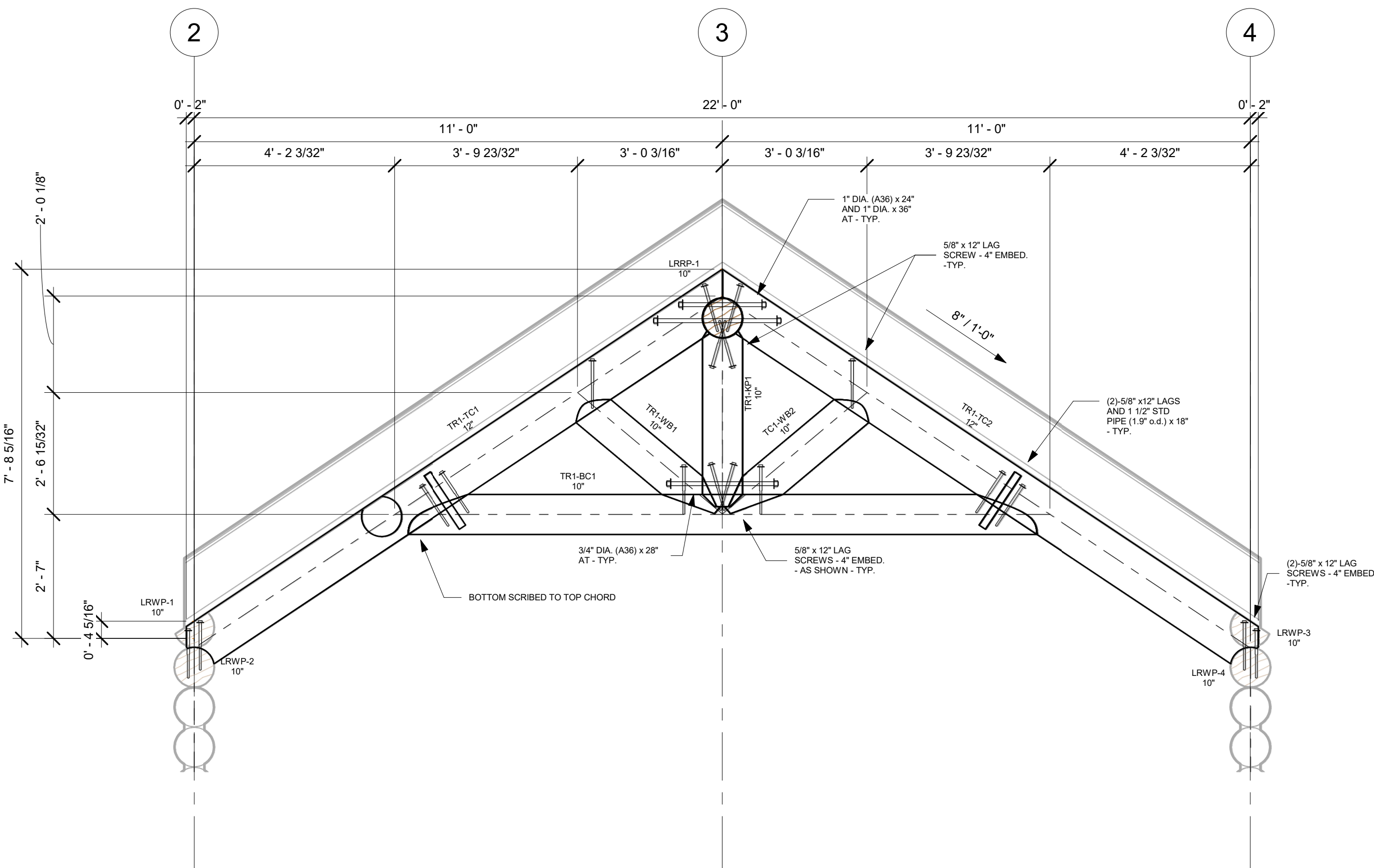
REVISIONS



PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875
PHONE: 406-961-3273
PLTMONTANA.COM

SECTIONS #2
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY -
PREVIOUS ISSUES -
DATE 11-5-21
DRAWN BY: TH
JOB NUMBER 21-003
SHEET S2.1



1 TRUSS TR1 ELEVATION
1/2" = 1'-0"

PLT - PATIO TRUSS1 BEAM SCHEDULE						
MARK	SIZE	LENGTH IN FEET	SPECIES	GRADE	FINISH	NOTES
TR1-BC1	10"	17	WW	SEL&BTR	HP	
TR1-WB1	10"	5	WW	SEL&BTR	HP	
TR1-TC1	12"	15	DF	SEL&BTR	HP	
TR1-TC2	12"	15	DF	SEL&BTR	HP	

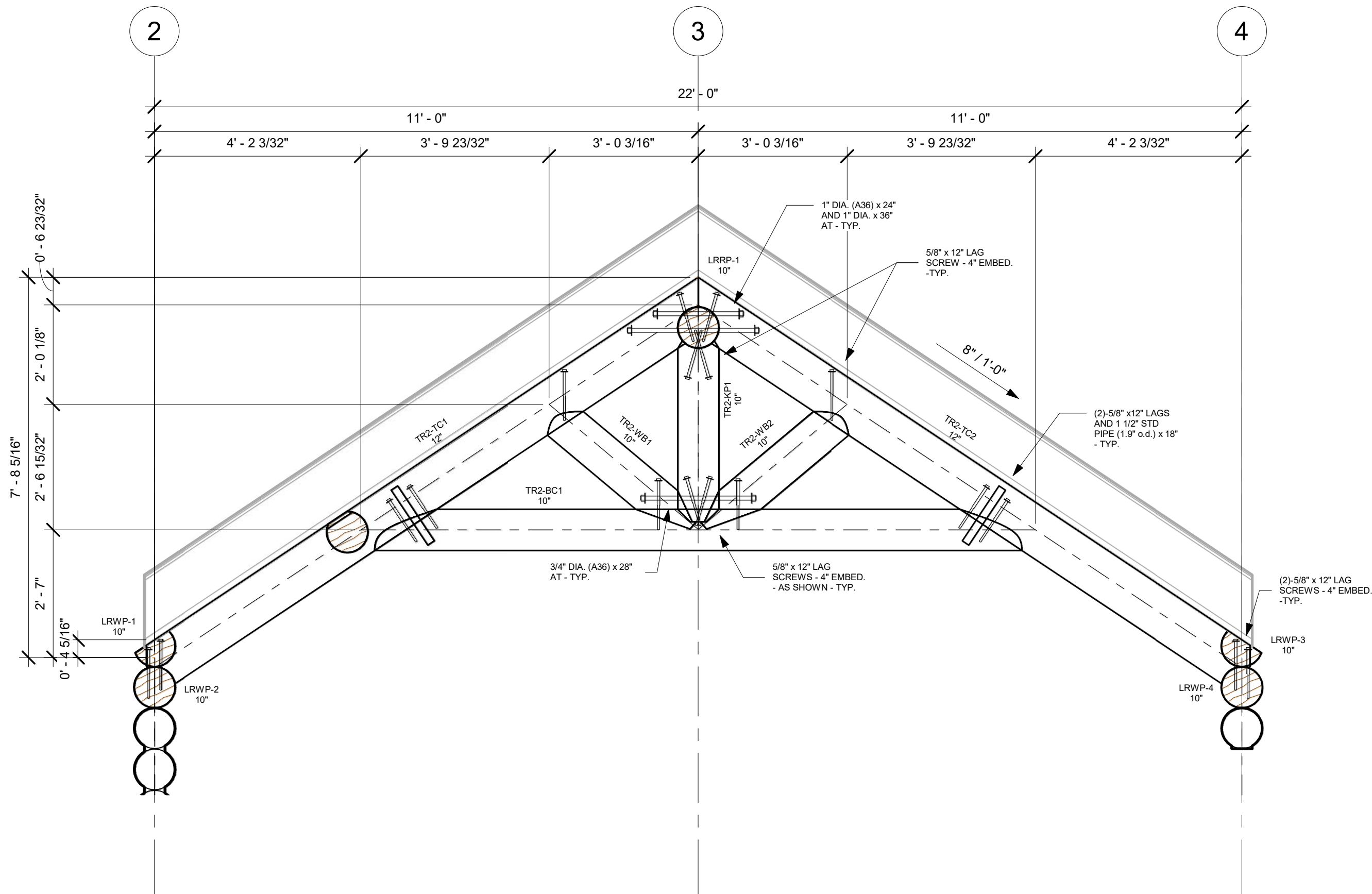
Grand total: 4

PLT - PATIO TRUSS1 POST SCHEDULE						
MARK	SIZE	LENGTH IN FEET	SPECIES	GRADE	FINISH	NOTES
TR1-KP1	10"	4	WW	WALL LOG 40	HP	

Grand total: 1

PLT - TRUSS TR1 HARDWARE		
QTY.	ITEM	DETAIL
18	5/8" x 12" LAG SCREWS w/ WASHERS	-
2	1 1/2" STD STL PIPE (1.9" o.d.) x 18"	-
1	1" x 36" AT w/ DOUBLE NUTS & WASHERS	-
1	1" x 24" AT w/ DOUBLE NUTS & WASHERS	-
1	3/4" x 28" AT w/ DOUBLE NUTS & WASHERS	-

PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY. ALL OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE PLANS TO BE PROVIDED BY OTHERS



2 TRUSS TR2 ELEVATION
1/2" = 1'-0"

PLT - PATIO TRUSS2 BEAM SCHEDULE						
MARK	SIZE	LENGTH IN FEET	SPECIES	GRADE	FINISH	NOTES
TR2-BC1	10"	17	WW	SEL&BTR	HP	
TR2-WB1	10"	5	WW	SEL&BTR	HP	
TR2-WB2	10"	5	WW	SEL&BTR	HP	
TR2-TC1	12"	15	DF	SEL&BTR	HP	
TR2-TC2	12"	15	DF	SEL&BTR	HP	

Grand total: 5

PLT - PATIO TRUSS2 POST SCHEDULE						
MARK	SIZE	LENGTH IN FEET	SPECIES	GRADE	FINISH	NOTES
TR2-KP1	10"	4	WW	WALL LOG 40	HP	

Grand total: 1

PLT - TRUSS TR2 HARDWARE		
QTY.	ITEM	DETAIL
18	5/8" x 12" LAG SCREWS w/ WASHERS	-
2	1 1/2" STD STL PIPE (1.9" o.d.) x 18"	-
1	1" x 36" AT w/ DOUBLE NUTS & WASHERS	-
1	1" x 24" AT w/ DOUBLE NUTS & WASHERS	-
1	3/4" x 28" AT w/ DOUBLE NUTS & WASHERS	-

PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY. ALL OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE PLANS TO BE PROVIDED BY OTHERS



STRUCTURAL ONLY

REVISIONS



PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA 59875
PHONE: 406-961-3273
PLTMONTANA.COM

TRUSS ELEVATIONS #1
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY
-

PREVIOUS ISSUES
-

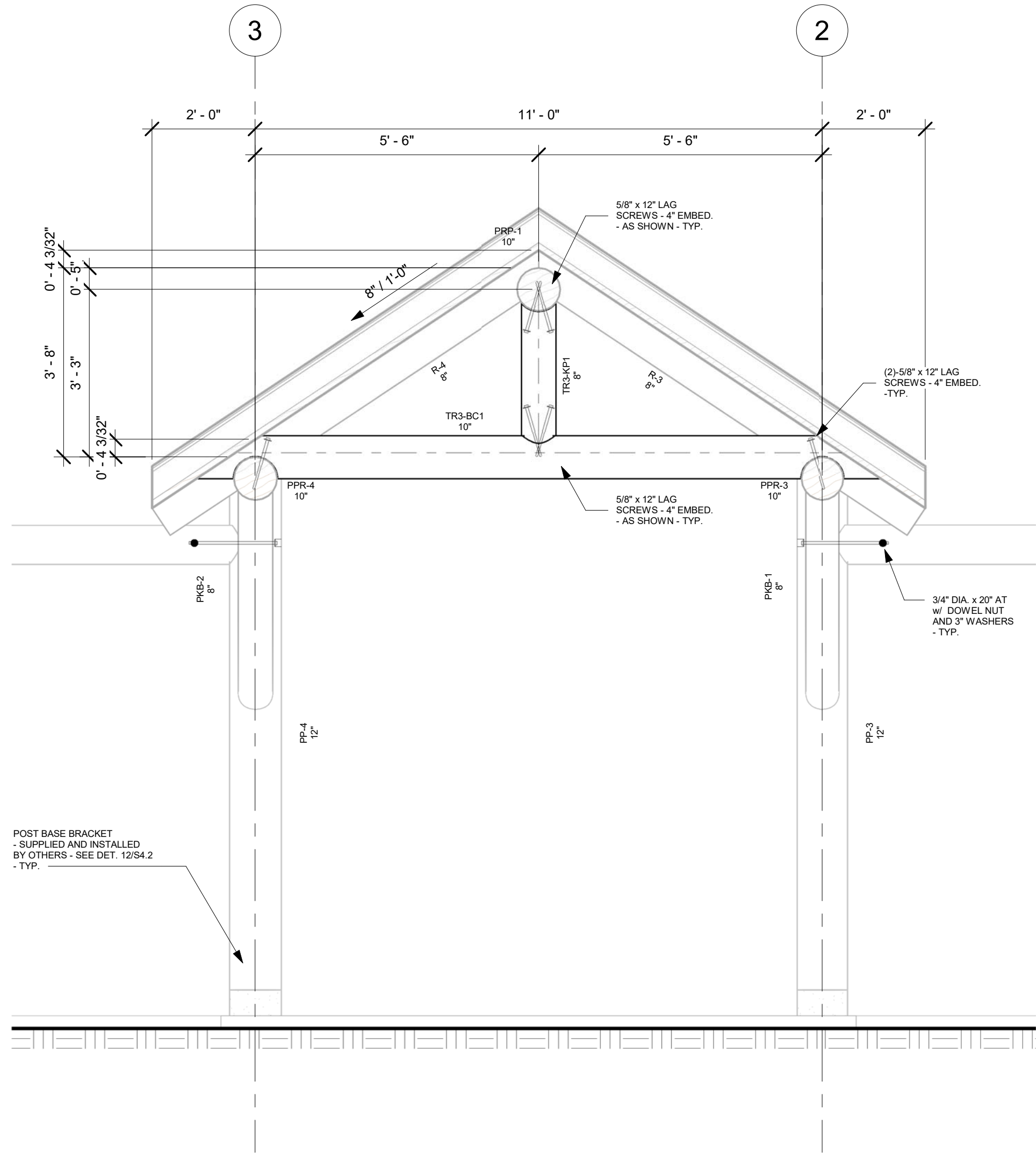
DATE
11-5-21

DRAWN BY: TH

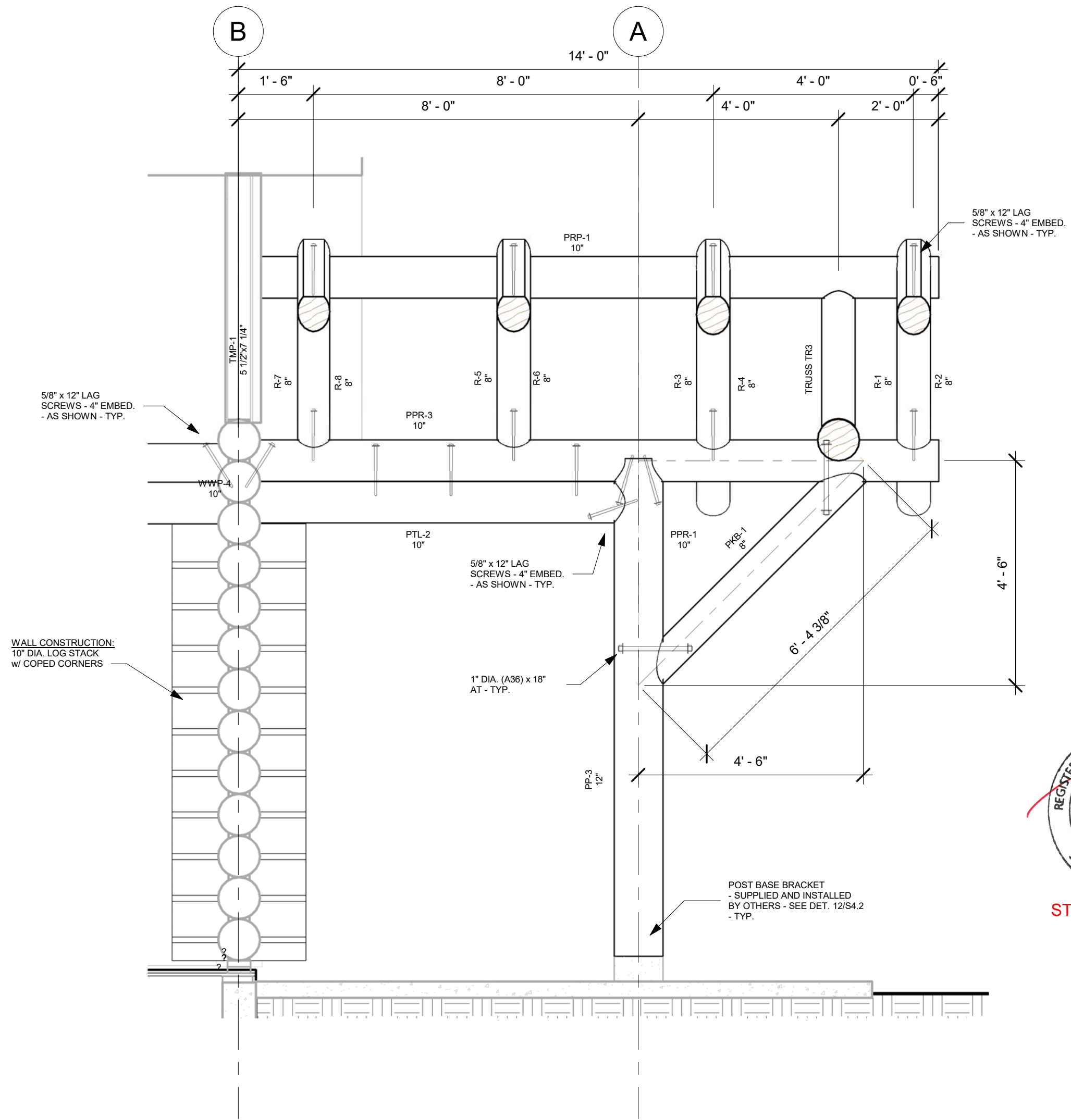
JOB NUMBER
21-003

SHEET
S3.0

11/5/2021 3:12:34 PM



1 TRUSS TR3 ELEVATION
1/2" = 1'-0"



2 TRUSS TR3 LONGITUDINAL ELEVATION
1/2" = 1'-0"

PLT - PATIO TRUSS3 BEAM SCHEDULE						
MARK	SIZE	LENGTH IN FEET	SPECIES	GRADE	FINISH	NOTES
TR3-BC1	10"	15	VVW	SEL&BTR	HP	
Grand total: 1						

PLT - PATIO TRUSS3 POST SCHEDULE						
MARK	SIZE	LENGTH IN FEET	SPECIES	GRADE	FINISH	NOTES
TR3-KP1	8"	4	VVW	WALL LOG 40	HP	
Grand total: 1						

PLT - TRUSS TR3 HARDWARE		
QTY.	ITEM	DETAIL
6	5/8" x 12" LAG SCREWS w/ WASHERS	-

PLT - REAR COVERED PATIO FRAME HARDWARE		
QTY.	ITEM	DETAIL
24	5/8" x 12" LAG SCREWS w/ WASHERS	-
4	1" x 18" AT w/ DBL NUTS & WASHERS	-

PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY. ALL OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE PLANS TO BE PROVIDED BY OTHERS



REVISIONS

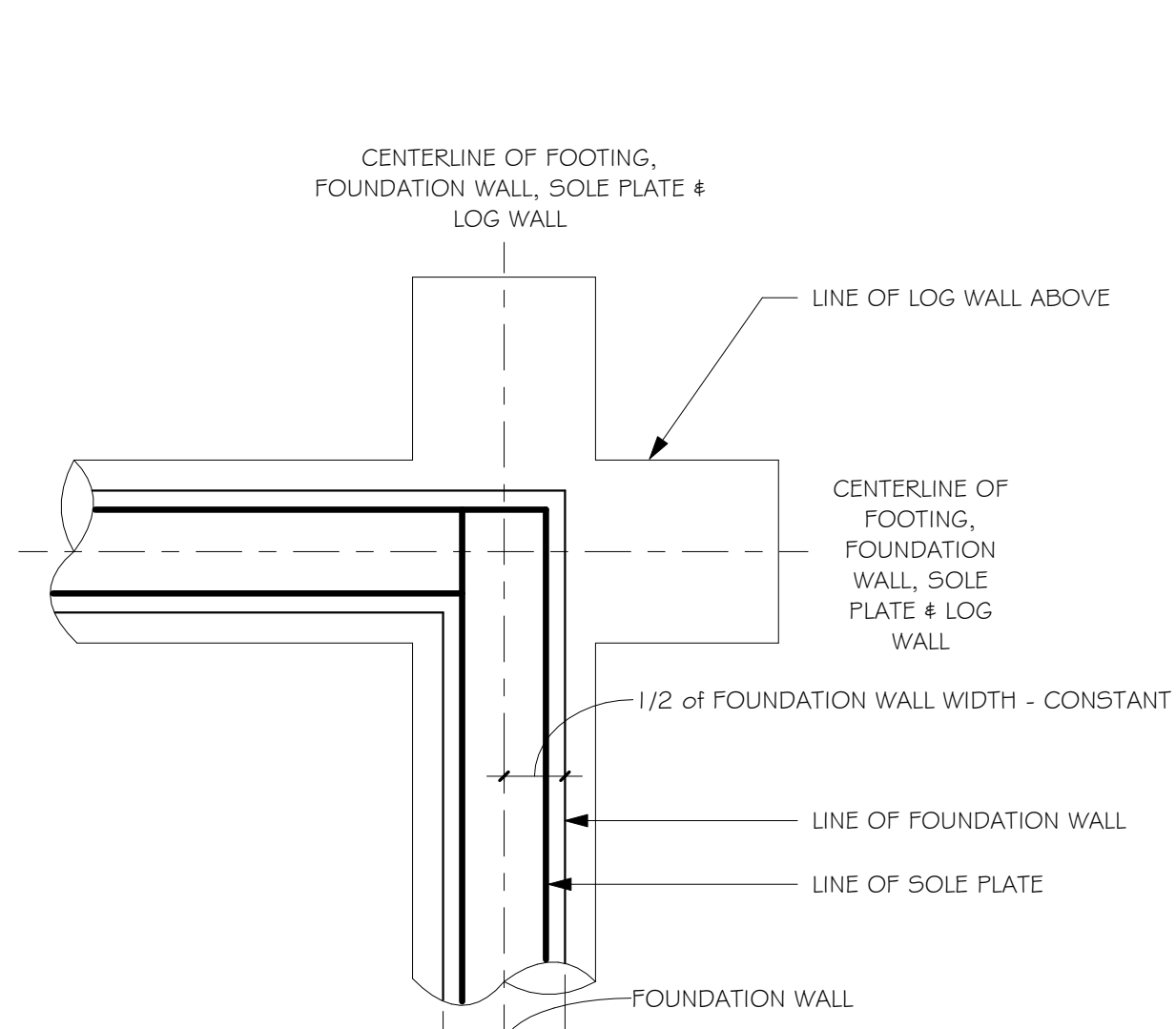


PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA 59875
PHONE: 406-961-3273
PLTMONTANA.COM

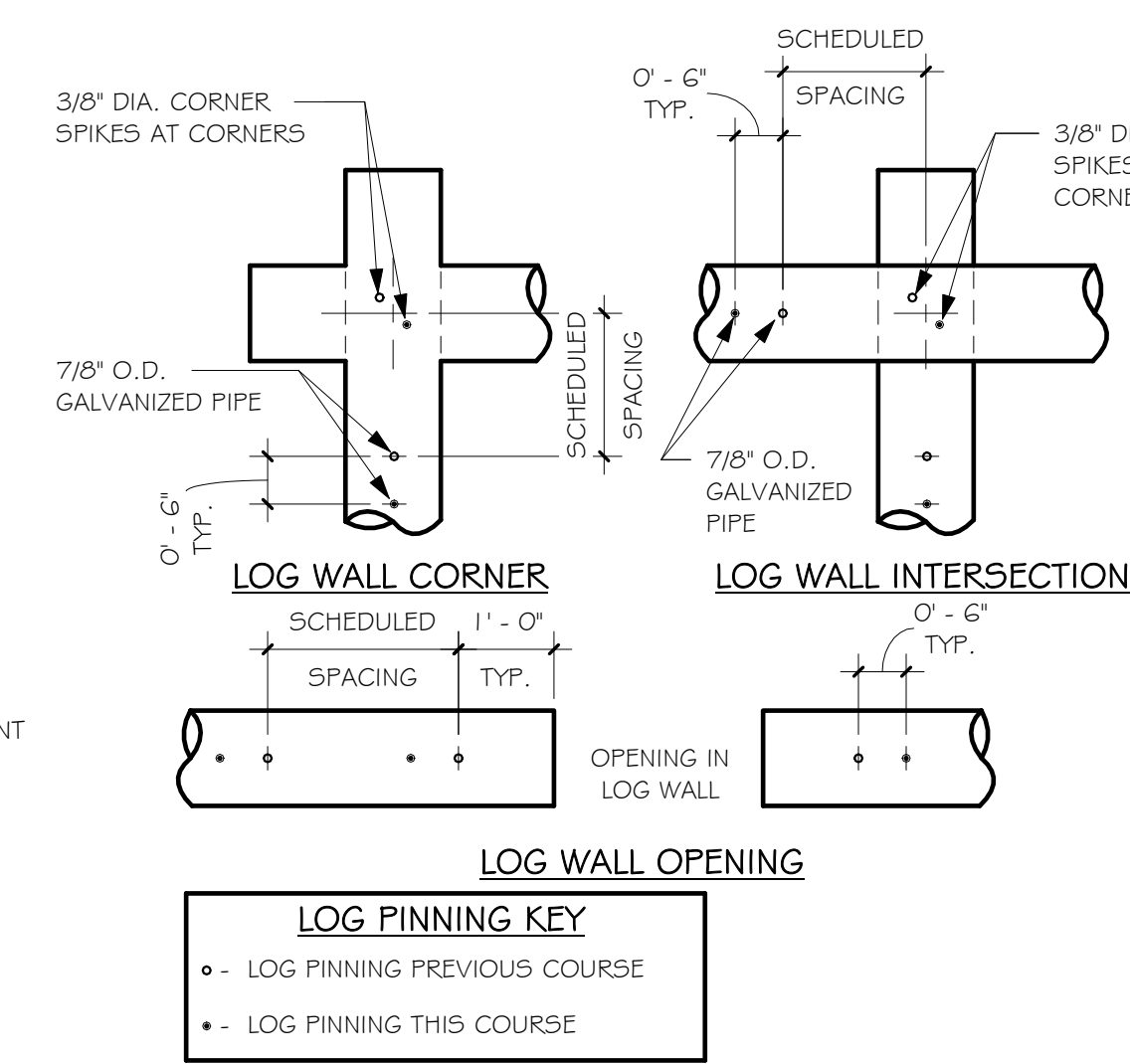
TRUSS ELEVATIONS #2
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY -
PREVIOUS ISSUES -

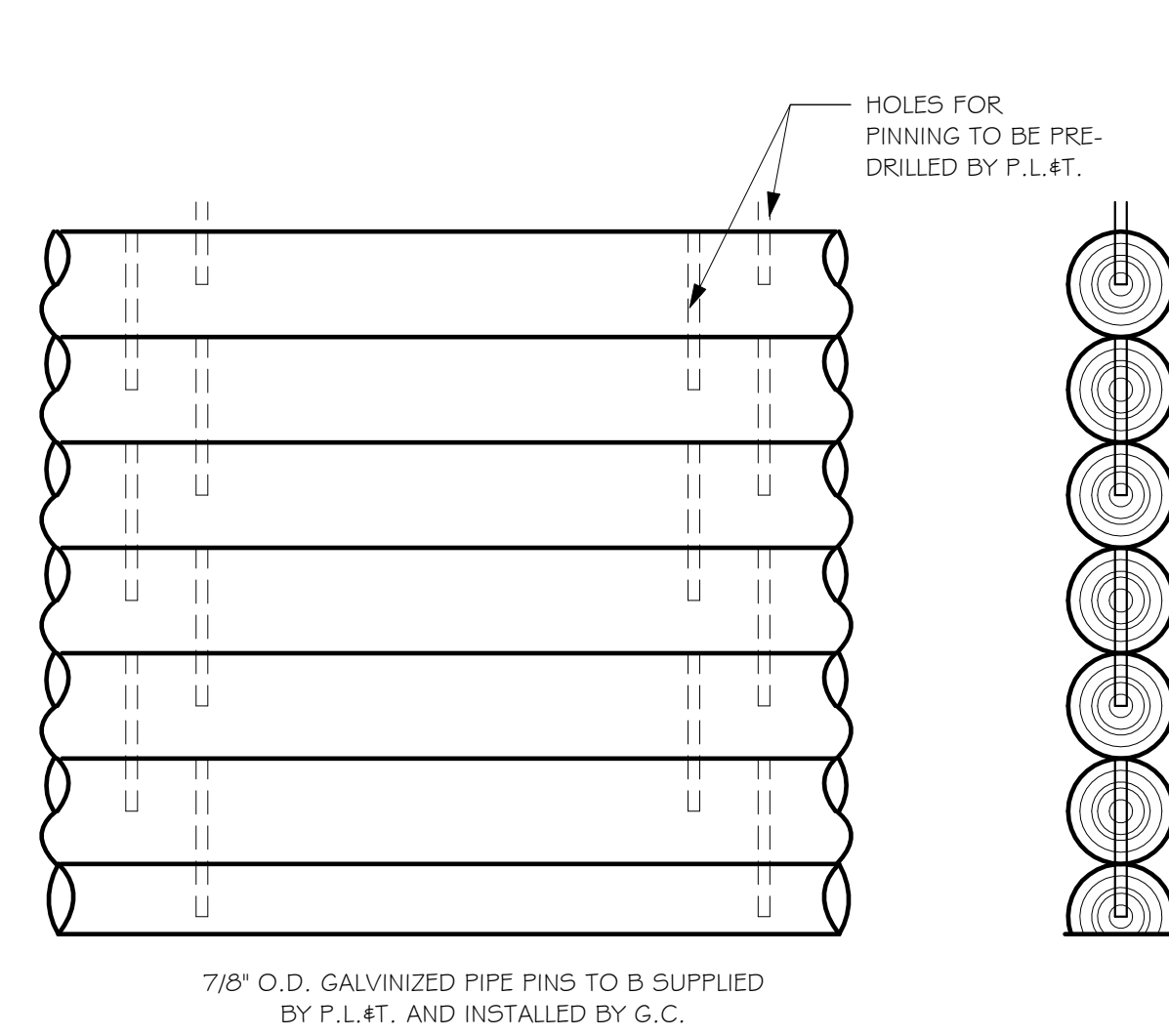
DATE 11-5-21
DRAWN BY: TH
JOB NUMBER 21-003
SHEET S3.1



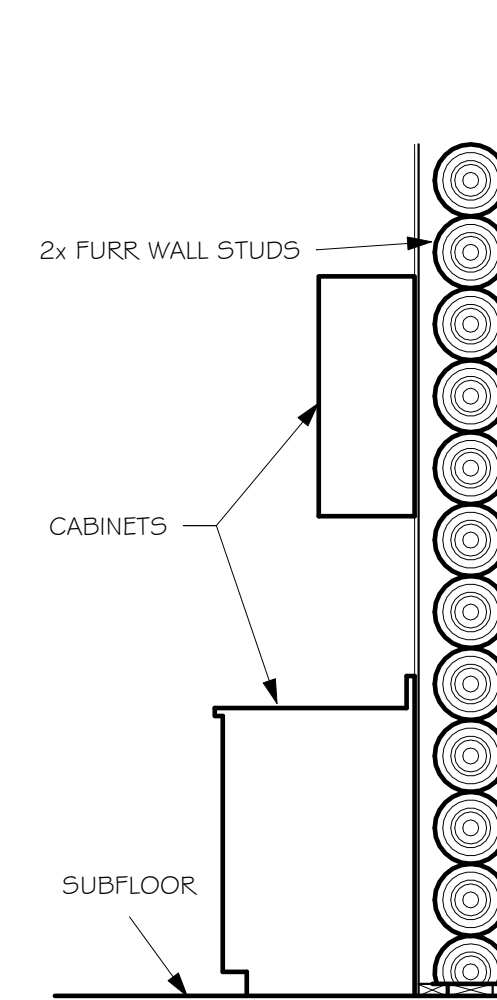
1 ROUND LOG WALL & FOUNDATION RELATIONSHIP
1" = 1'-0"



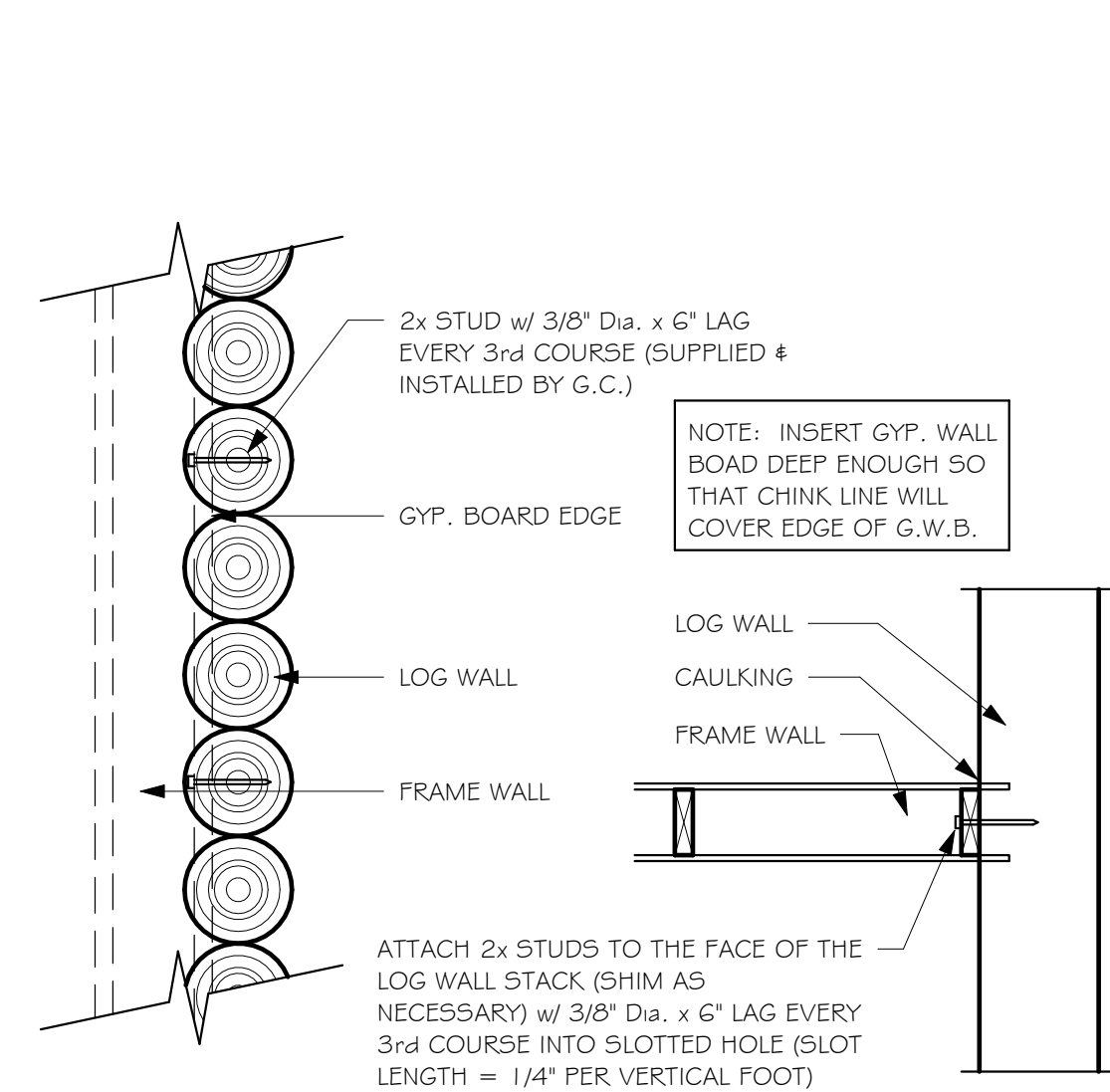
2 ROUND LOG PINNING & SPIKING DETAIL
1/2" = 1'-0"



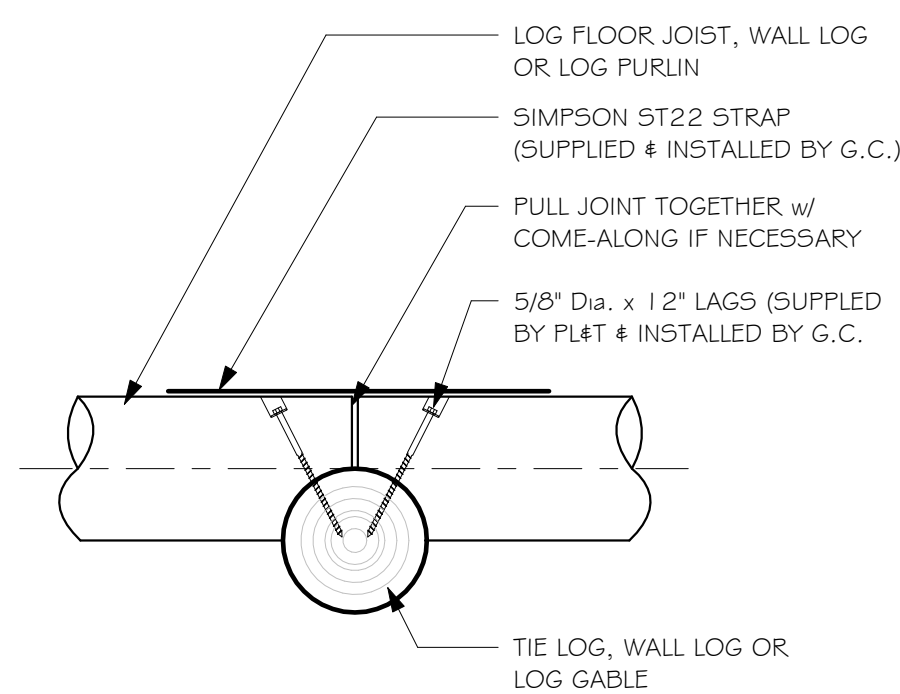
3 ROUND LOG WALL PINNING DETAIL
3/4" = 1'-0"



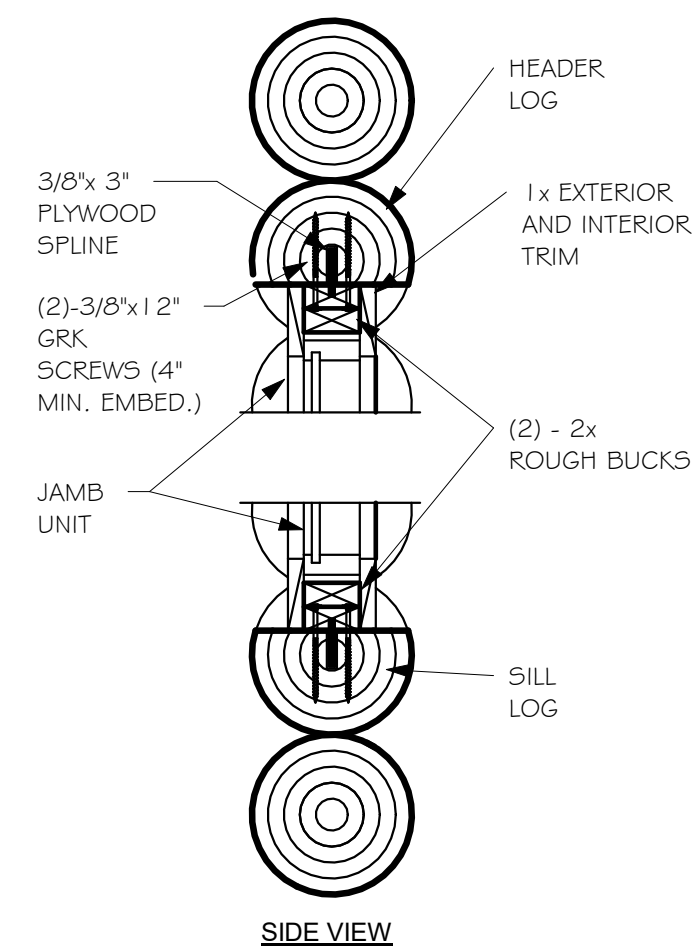
4 FURRED ROUND LOG WALL
1/2" = 1'-0"



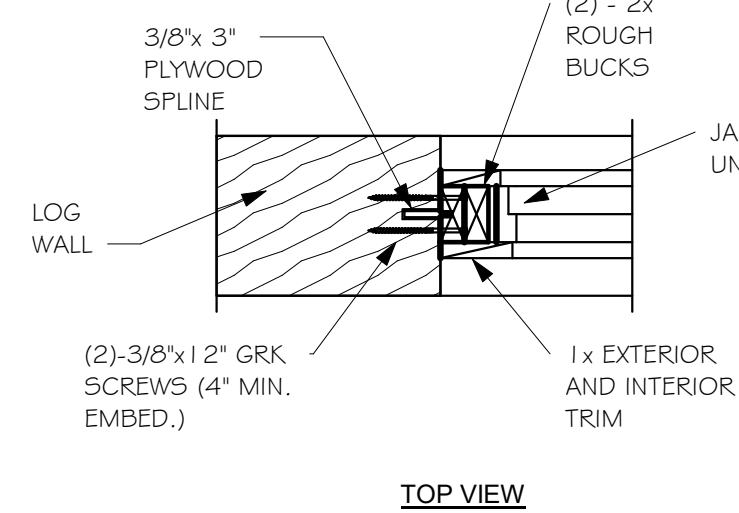
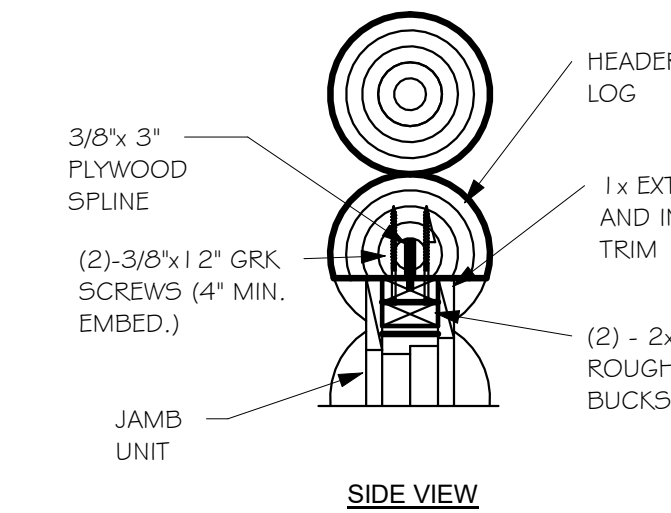
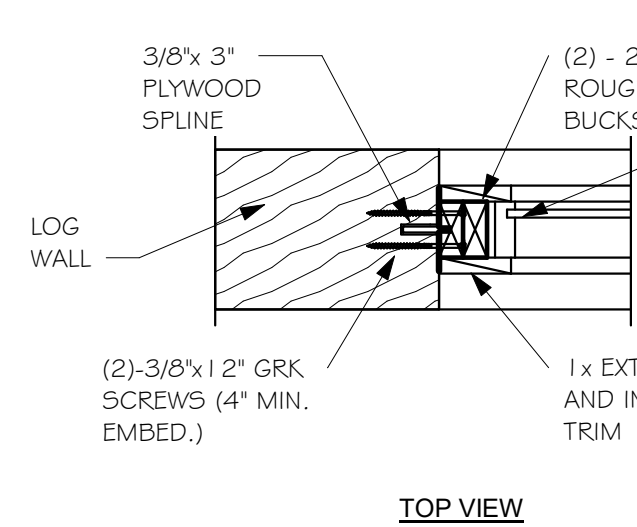
5 FRAME WALL TO ROUND LOG WALL
3/4" = 1'-0"



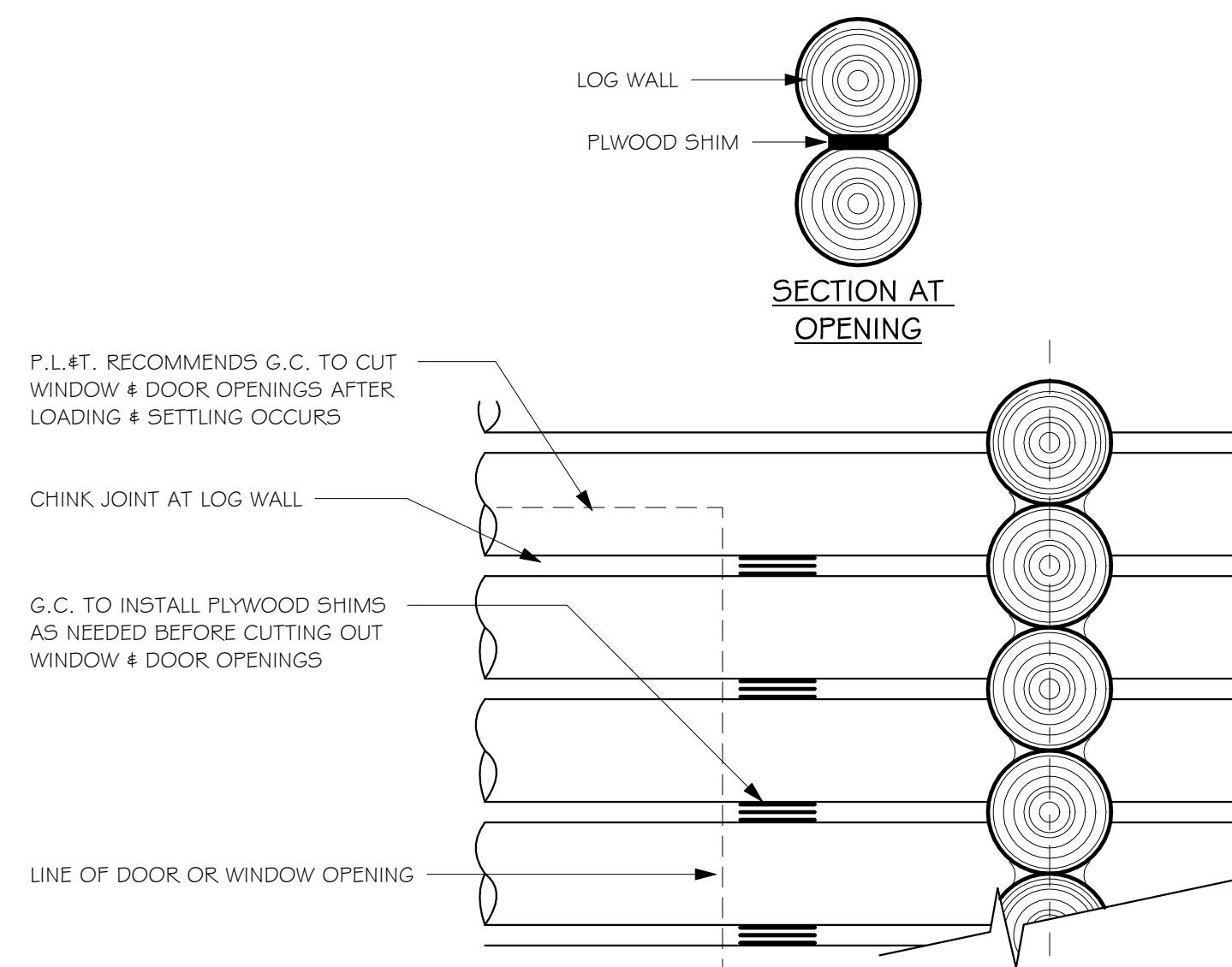
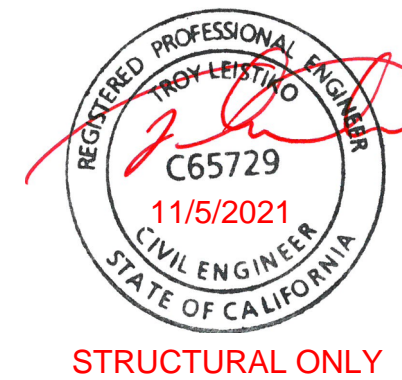
6 ROUND LOG BUTT SPLICE
3/4" = 1'-0"



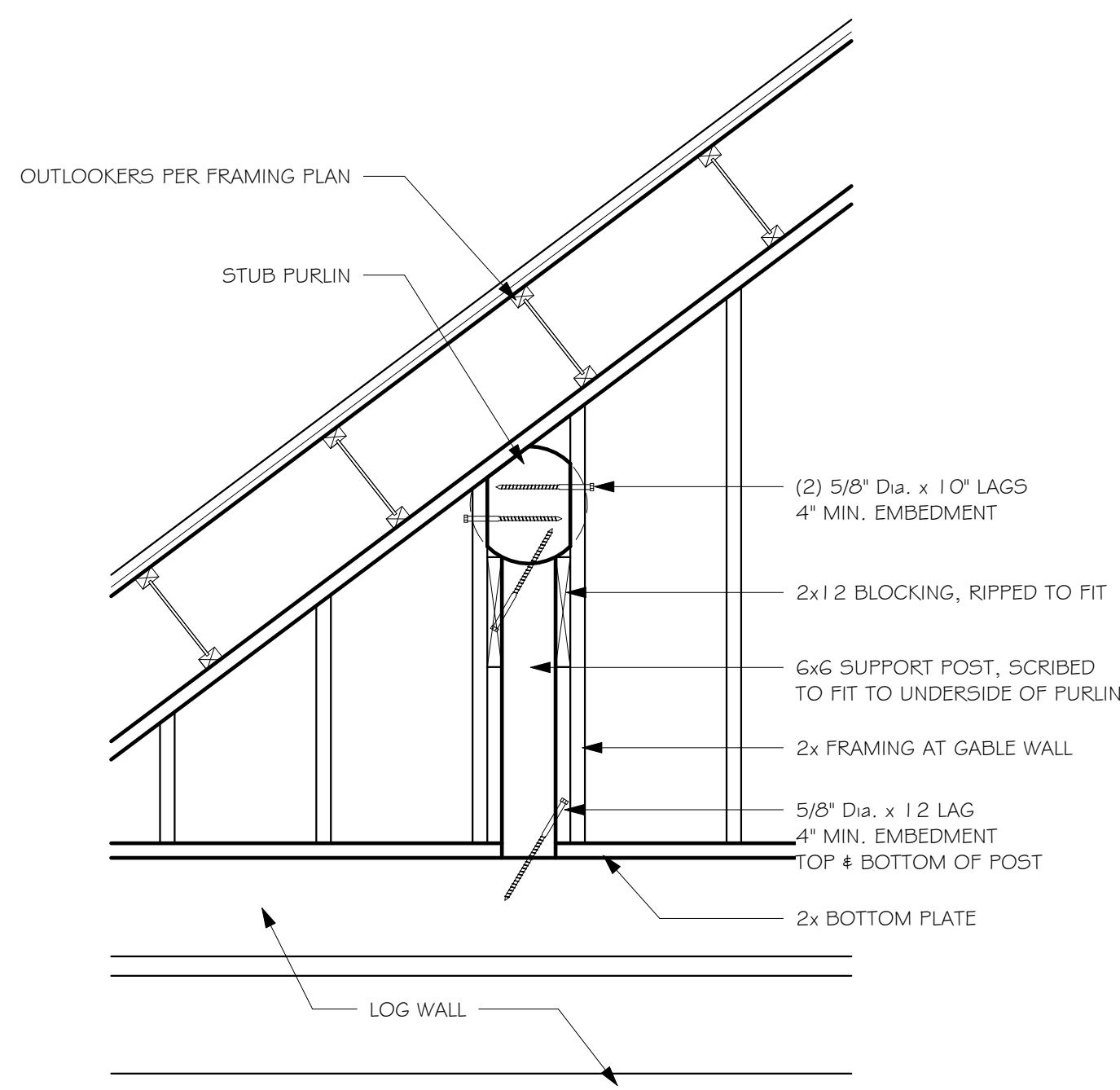
7 WINDOW IN ROUND LOG WALL
1" = 1'-0"



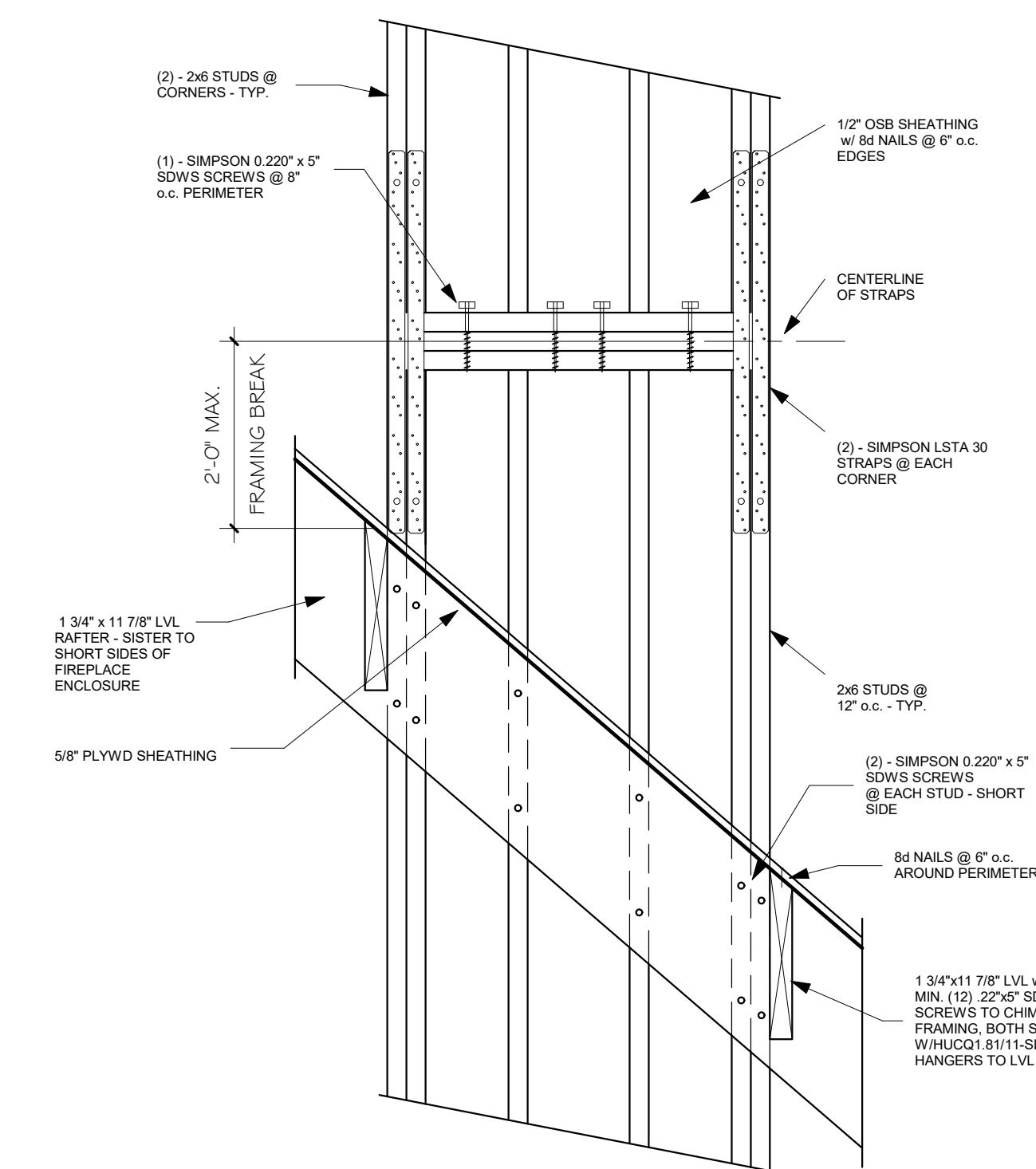
8 DOOR IN ROUND LOG WALL
1" = 1'-0"



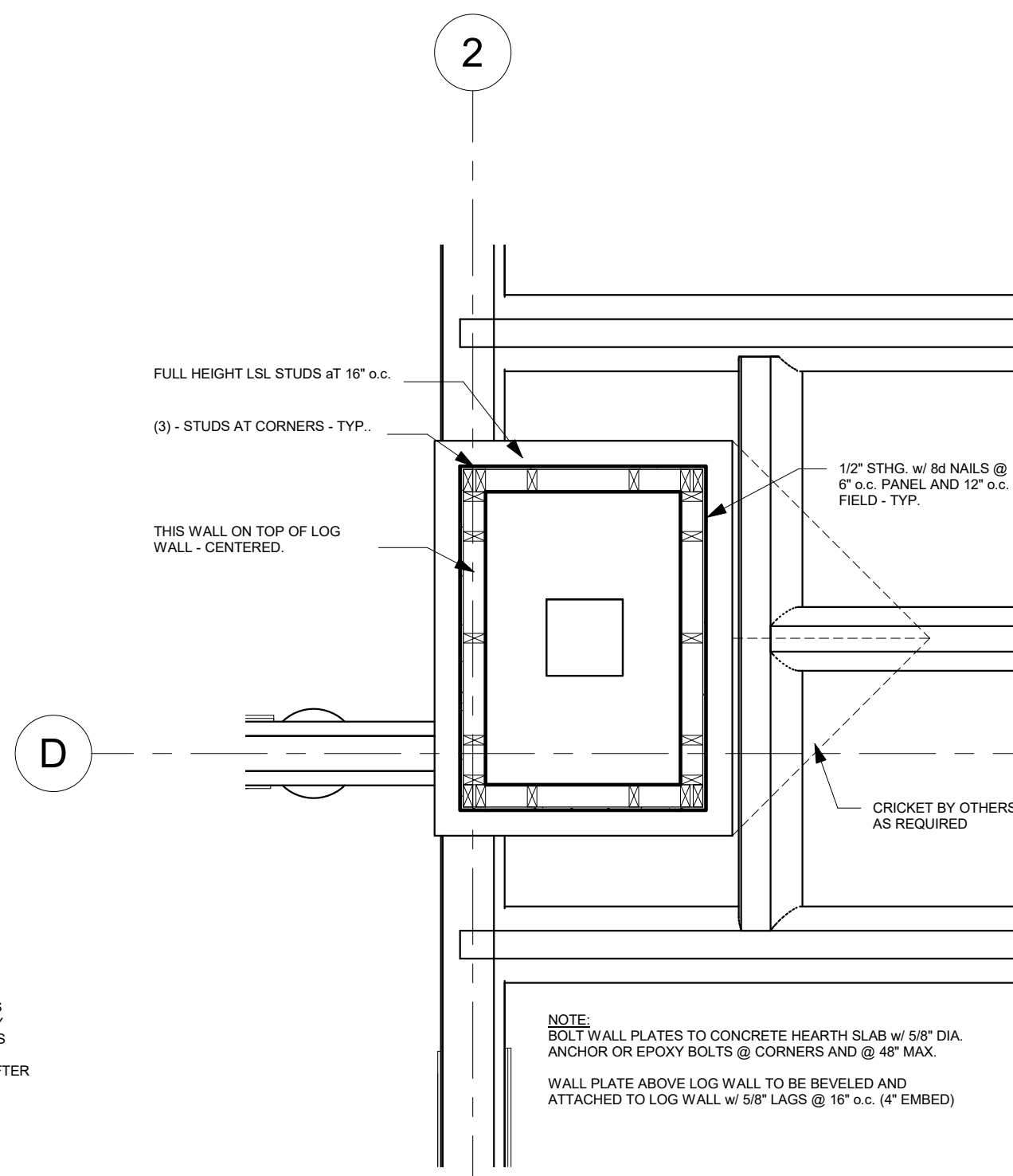
9 ROUND LOG SHIMMING @ WINDOW & DOOR OPENINGS
3/4" = 1'-0"



11 ROUND STUB PURLIN AT GABLE WALL
3/4" = 1'-0"



12 FIREPLACE FRAMING
1" = 1'-0"



13 FIREPLACE PLAN AT FLUE
1/2" = 1'-0"

PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY, ALL OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE PLANS TO BE PROVIDED BY OTHERS

REVISIONS



Authentic Craftsmanship
EST. 1976 • MONTANA

PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875

PHONE: 406-961-3273
PLTMONTANA.COM

TYPICAL ROUND LOG DETAILS

TILLER RESIDENCE

LOS GATOS, CA

ENGINEERED BY

PREVIOUS ISSUES

DATE
11-5-21

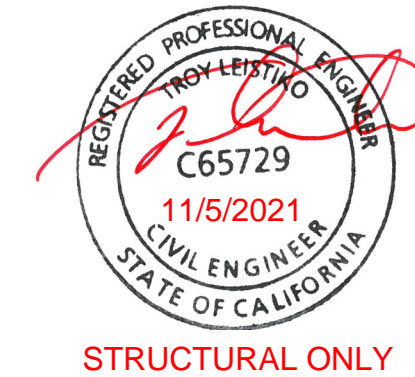
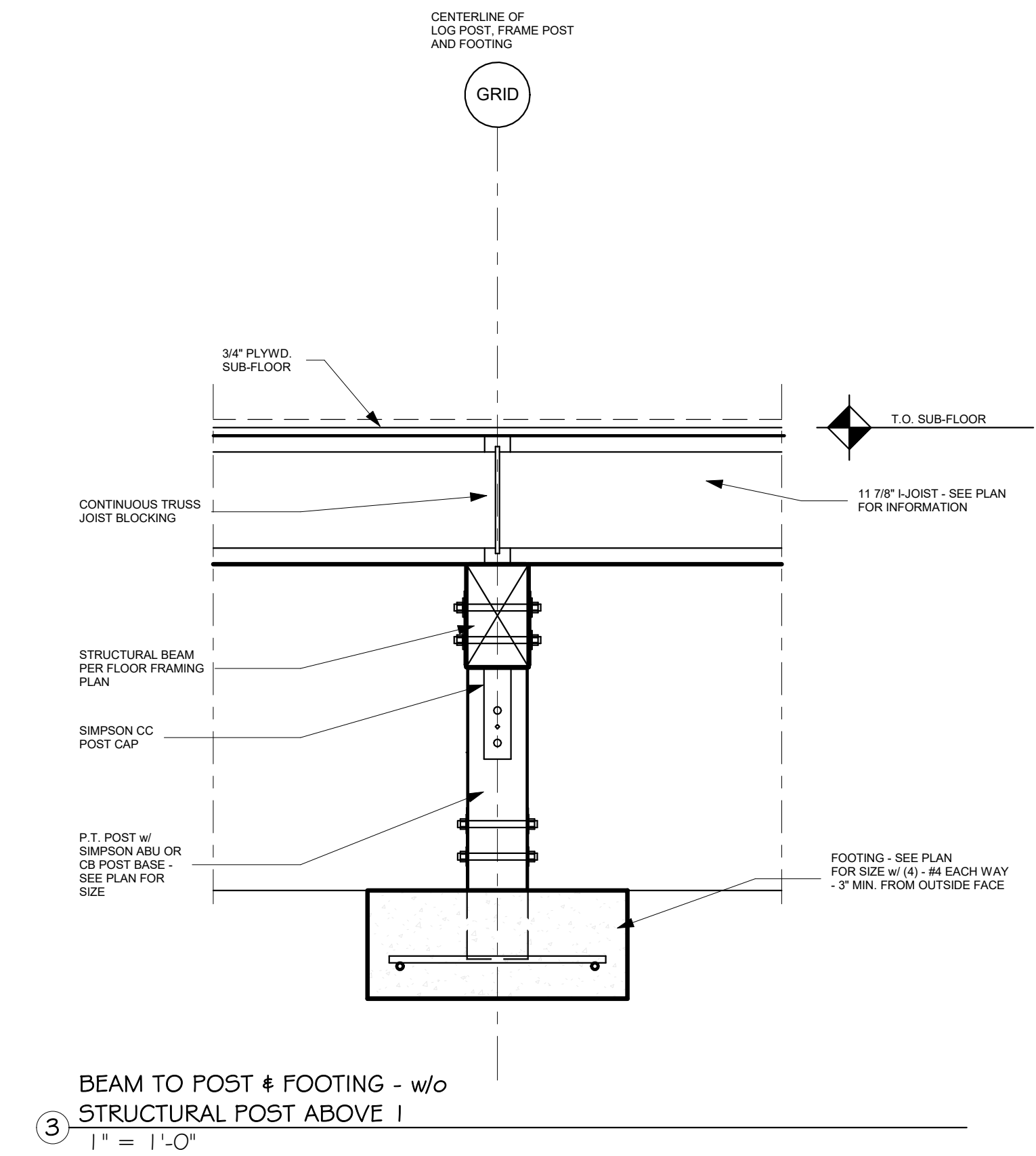
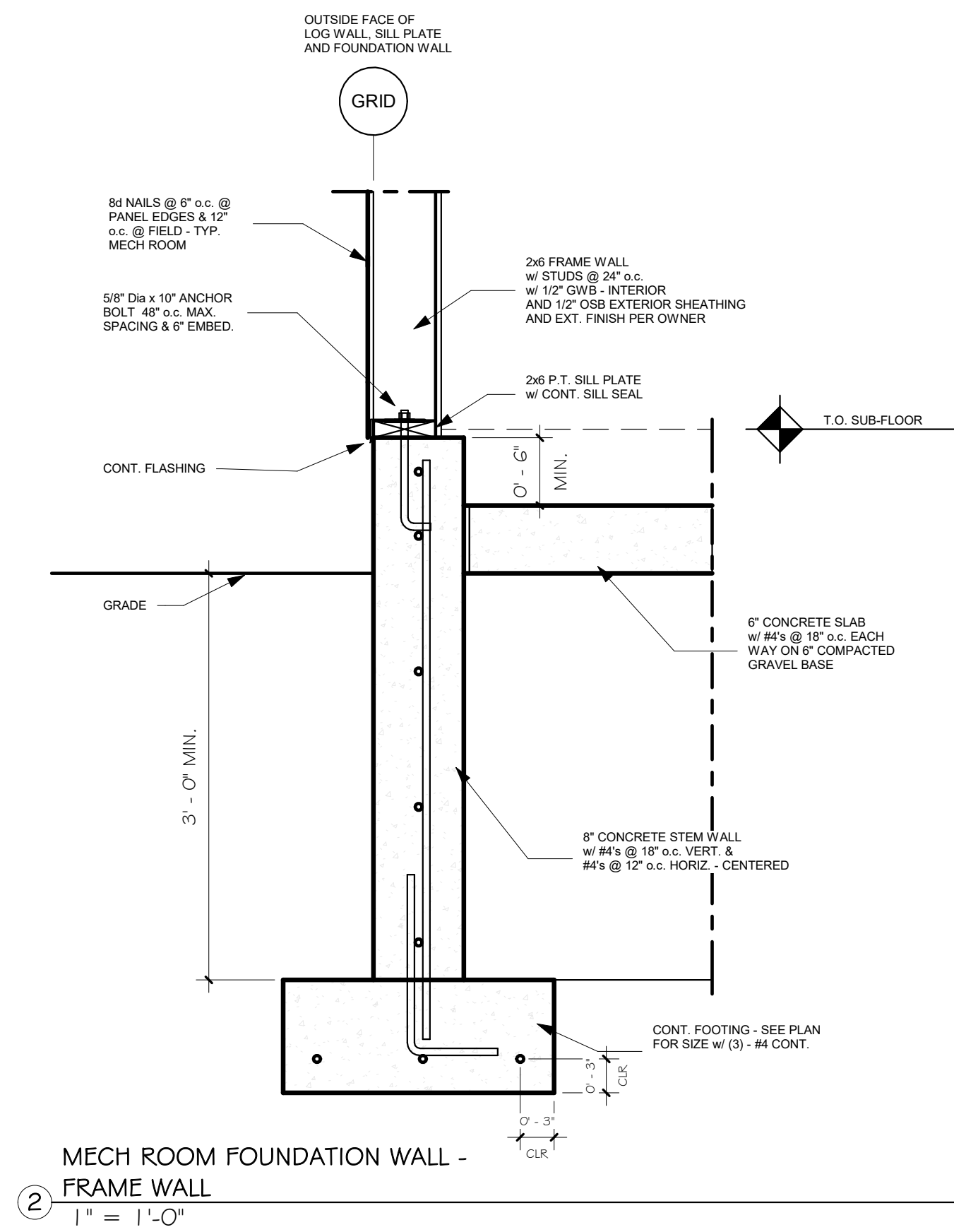
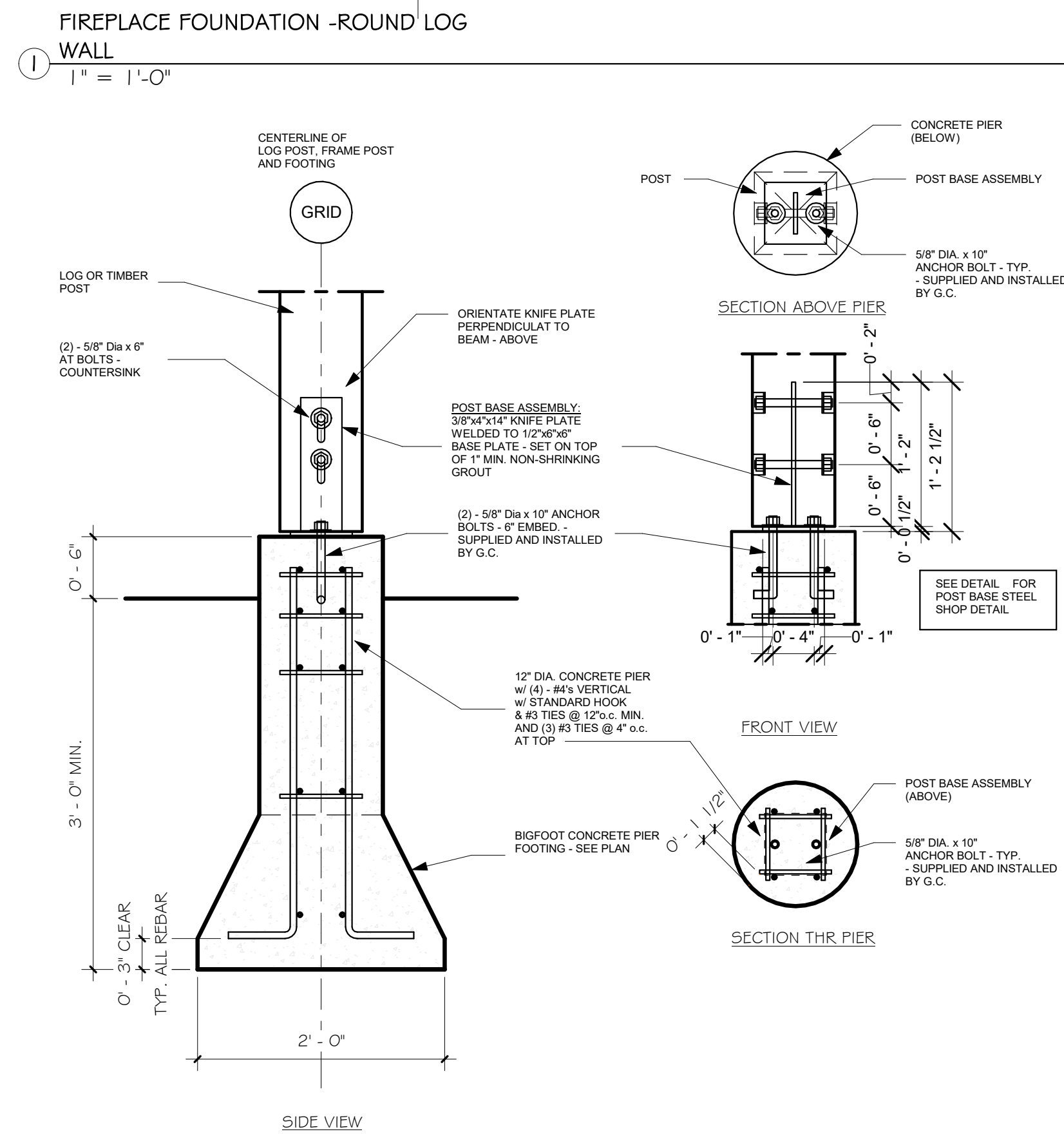
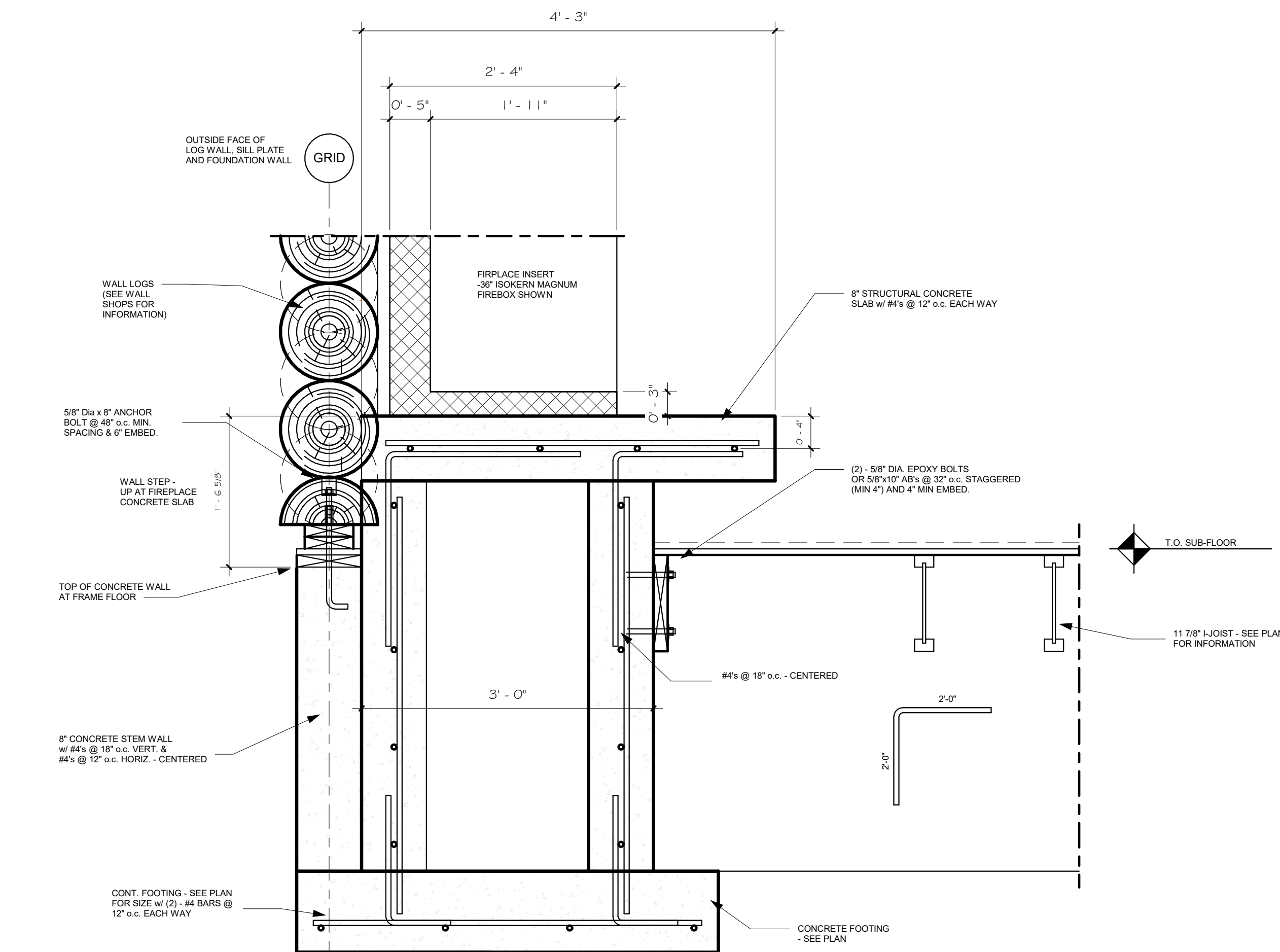
DRAWN BY:

JOB NUMBER
21-003

SHEET

S4.0

11/5/2021 3:12:37 PM



REVISIONS



PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875

PHONE: 406-961-3273
PLTMONTANA.COM

ROUND LOG FOUNDATION DETAILS

TILLER RESIDENCE

LOS GATOS, CA

ENGINEERED BY

PREVIOUS ISSUES

DATE
11-5-21

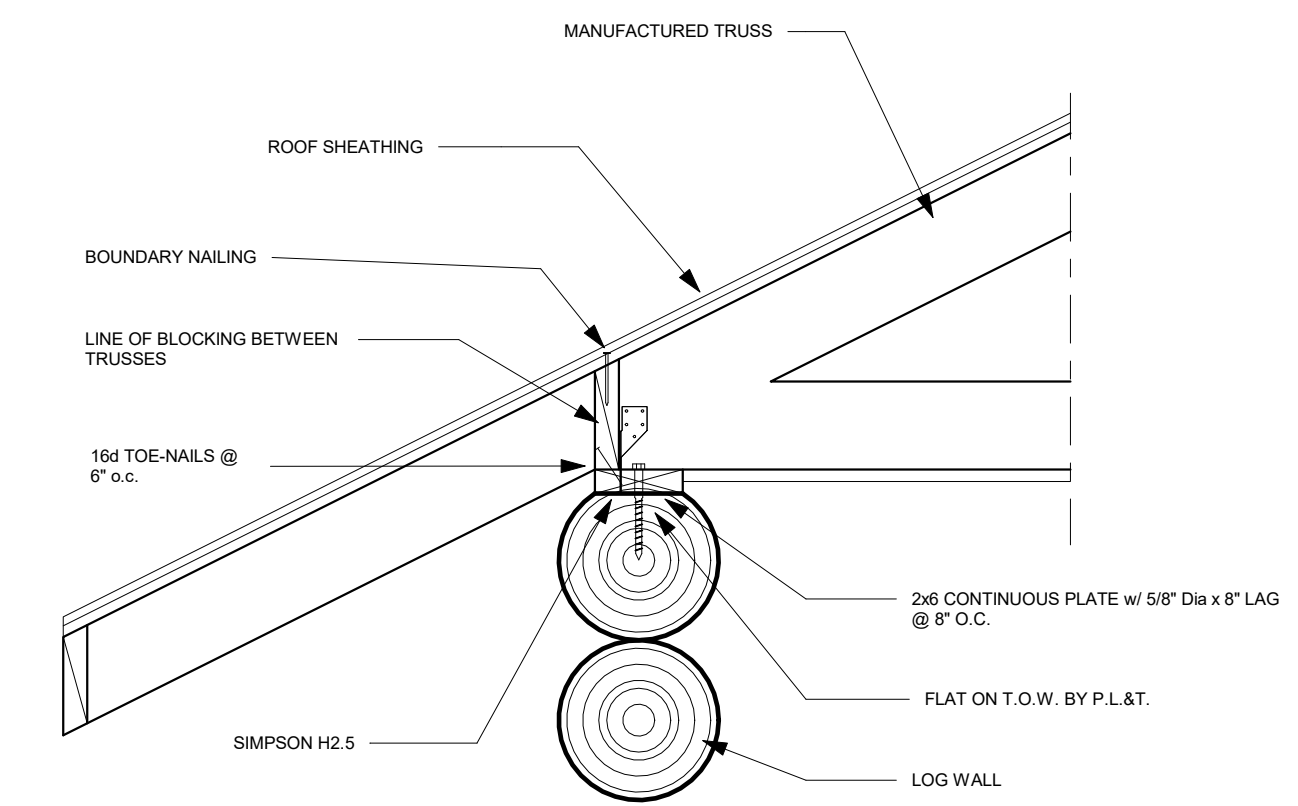
RAWN BY: -

JOB NUMBER
21-003

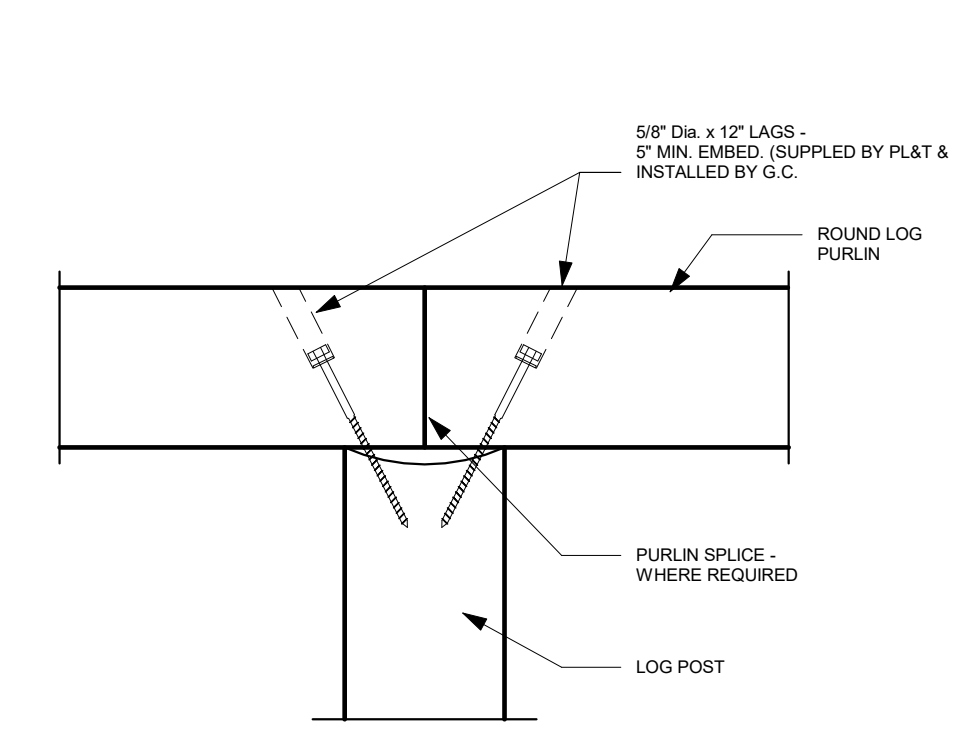
SHEET
S4.1

PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY, ALL
OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE
PLANS TO BE PROVIDED BY OTHERS

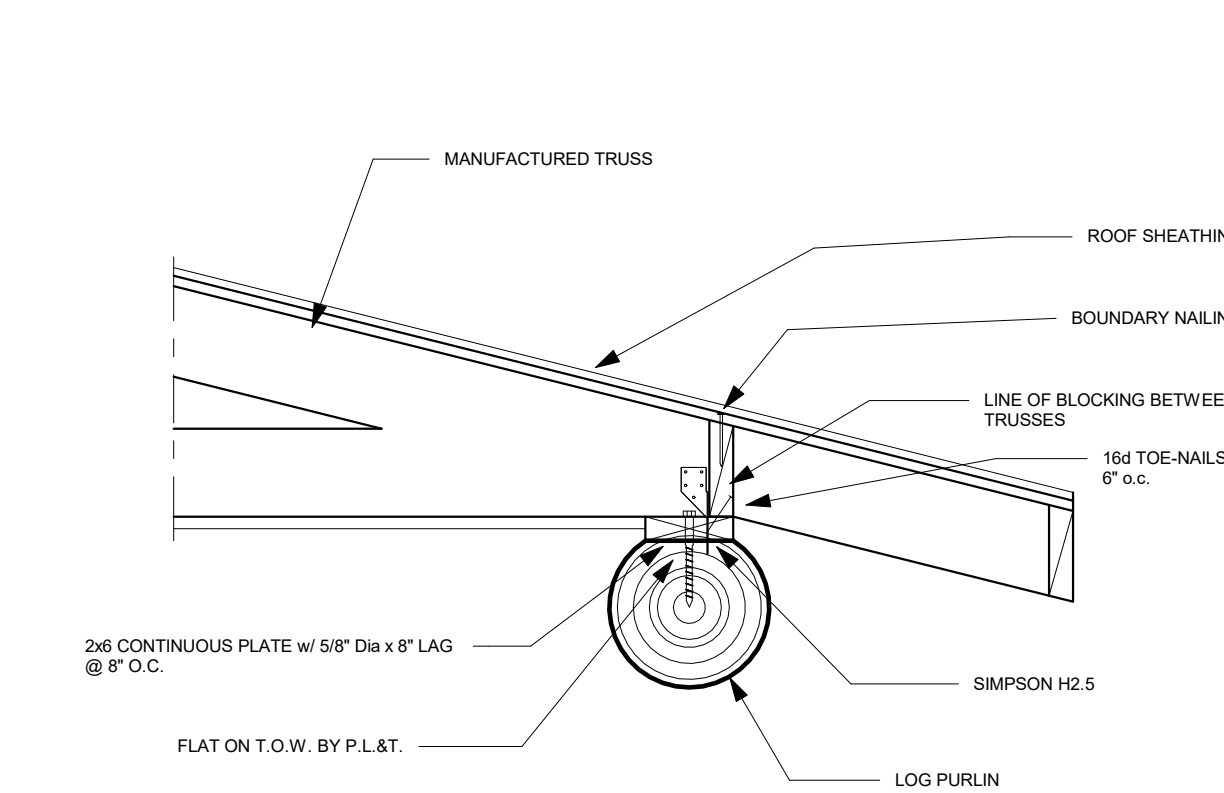
11/5/2021 3:12:38 PM



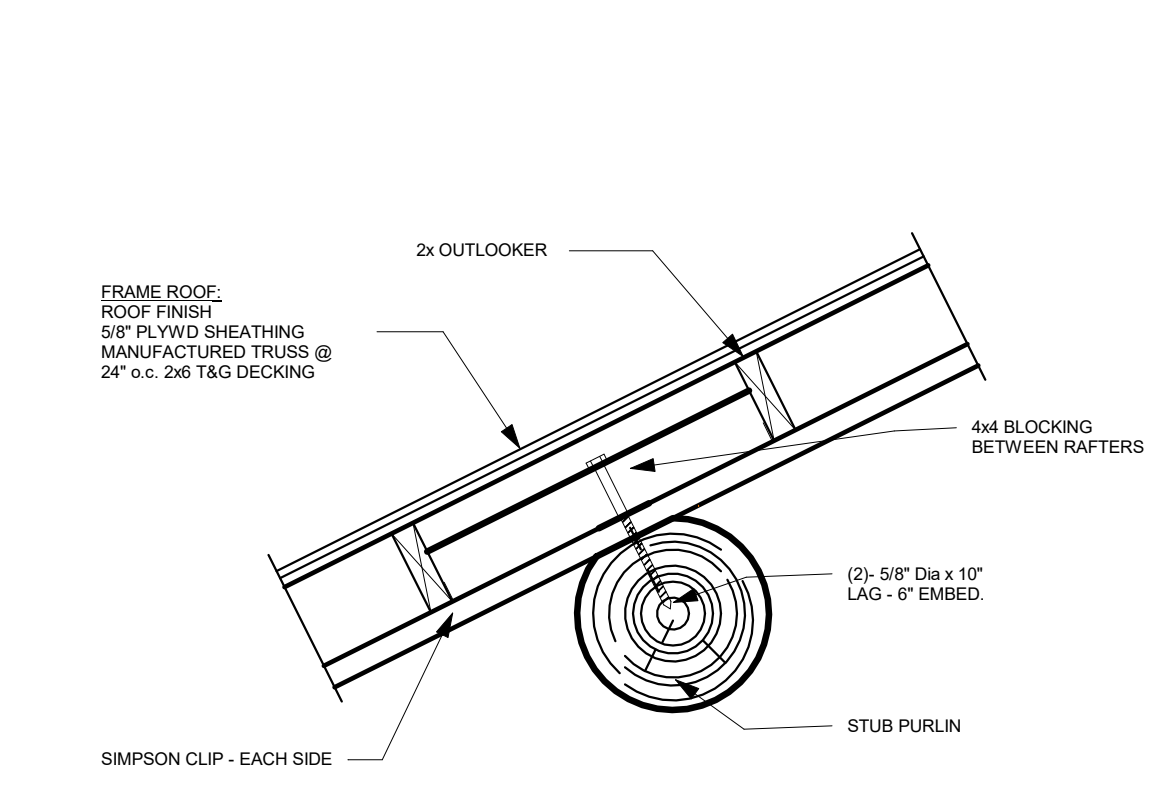
1 LOG WALL @ EAVE
1" = 1'-0"



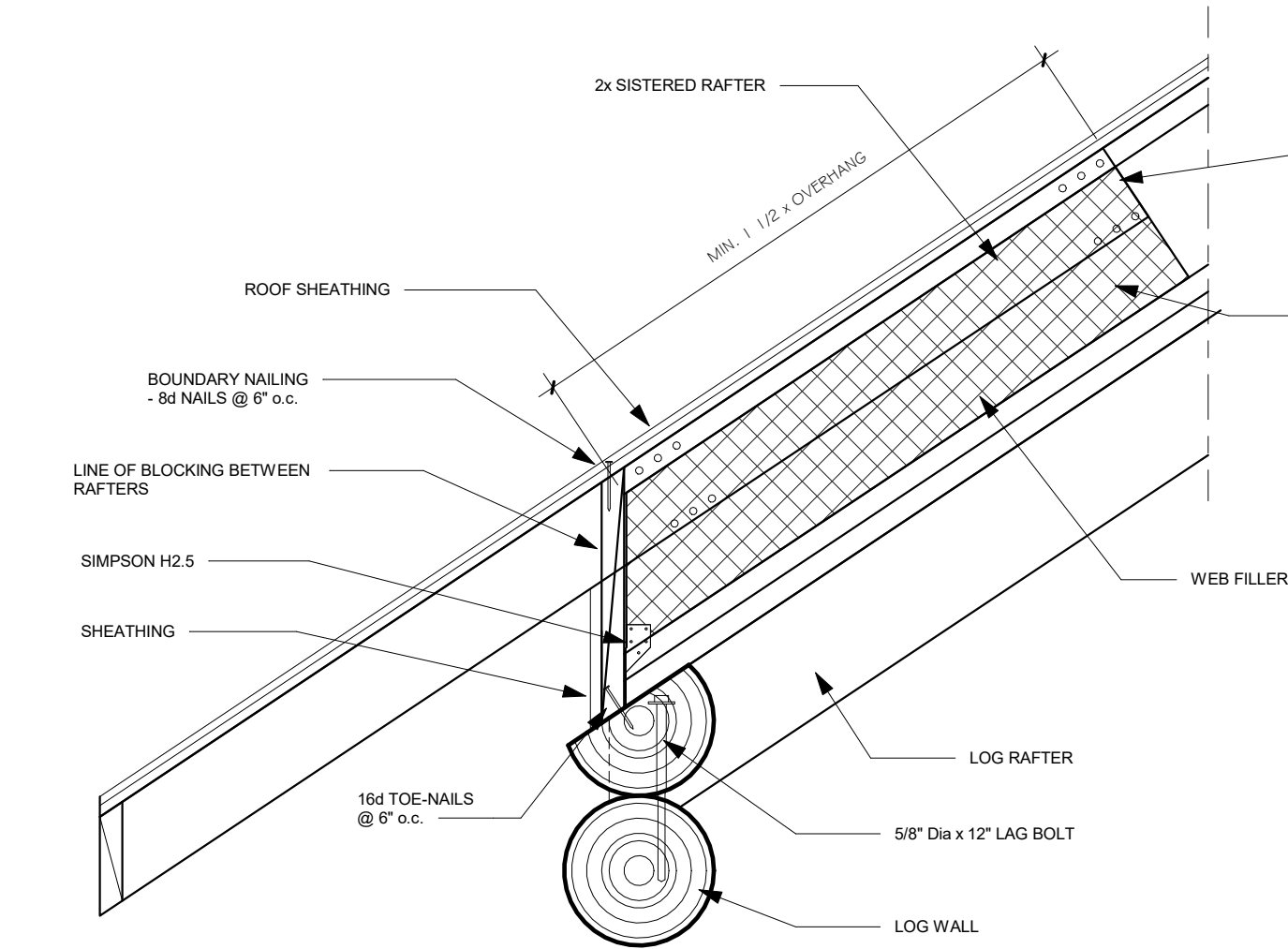
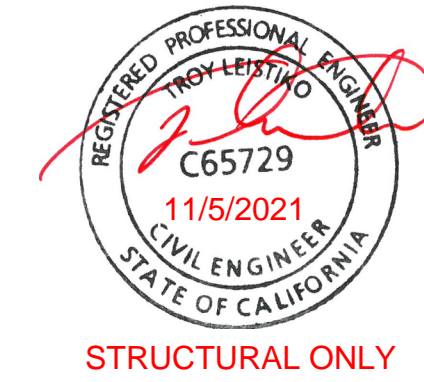
2 PORCH BEAM TO POST
1" = 1'-0"



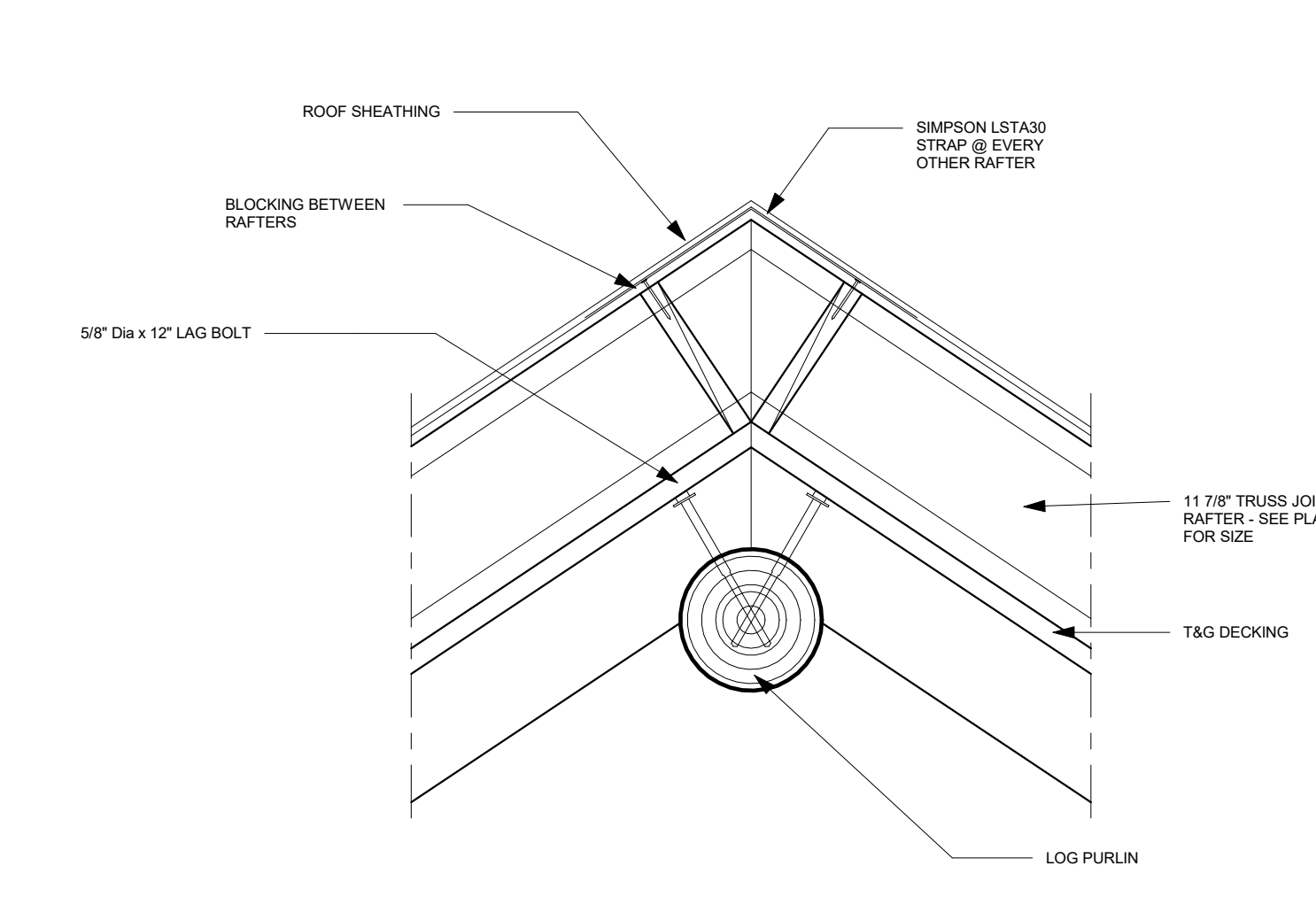
3 MANUFACTURED TRUSS AT PORCH BEAM
1" = 1'-0"



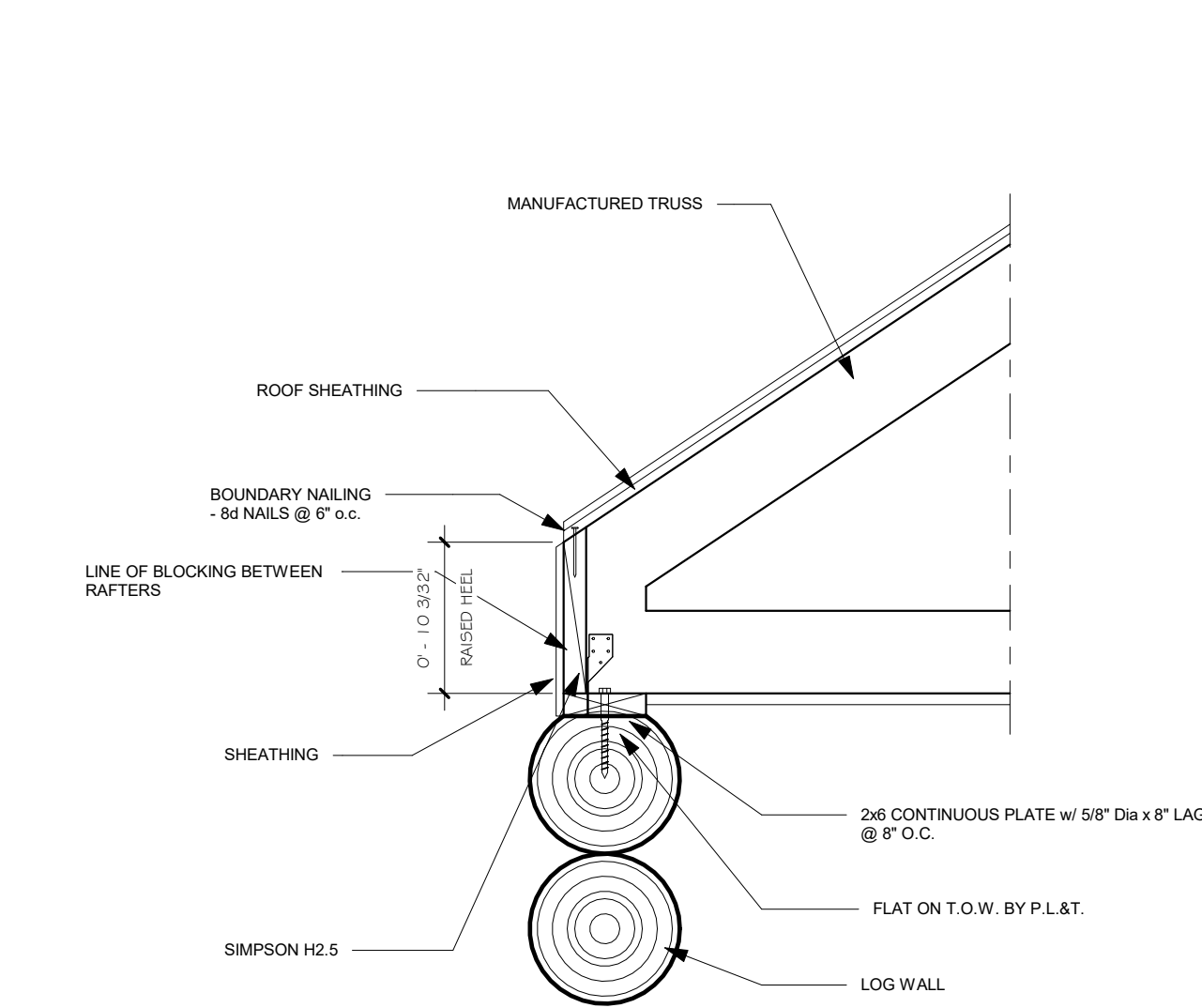
4 STUB PURLIN DETAIL
1" = 1'-0"



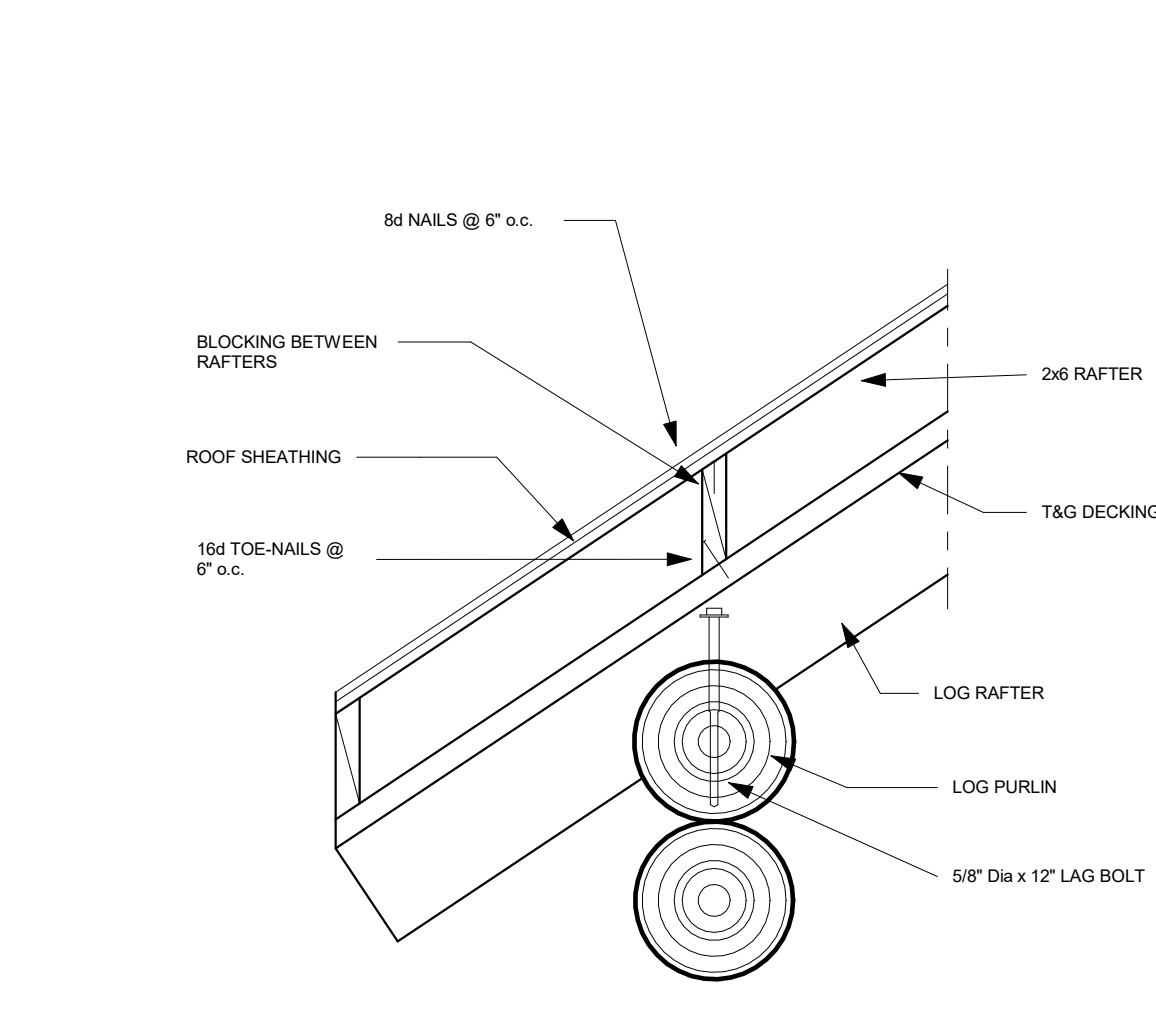
5 LOG WALL @ EAVE - LIVING ROOM
1" = 1'-0"



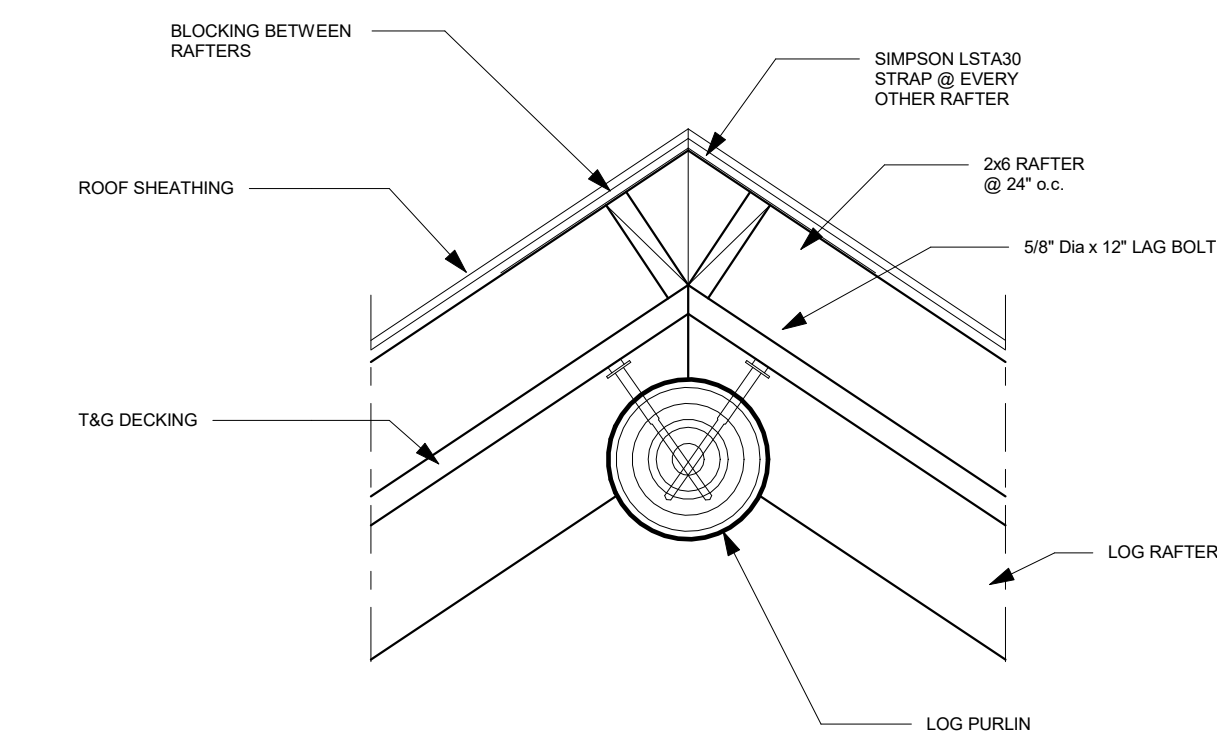
6 LIVING ROOM ROOF AT RIDGE
1" = 1'-0"



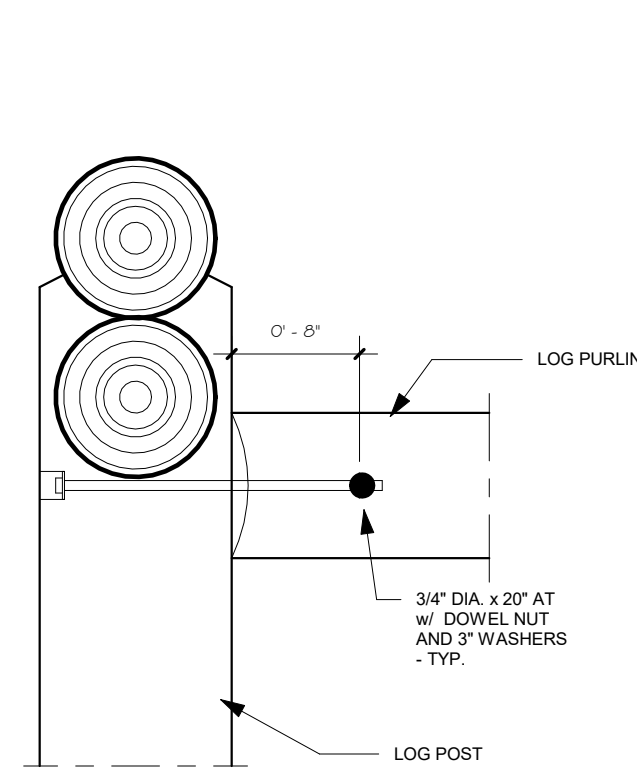
7 KITCHEN ROOF @ EAVE
1" = 1'-0"



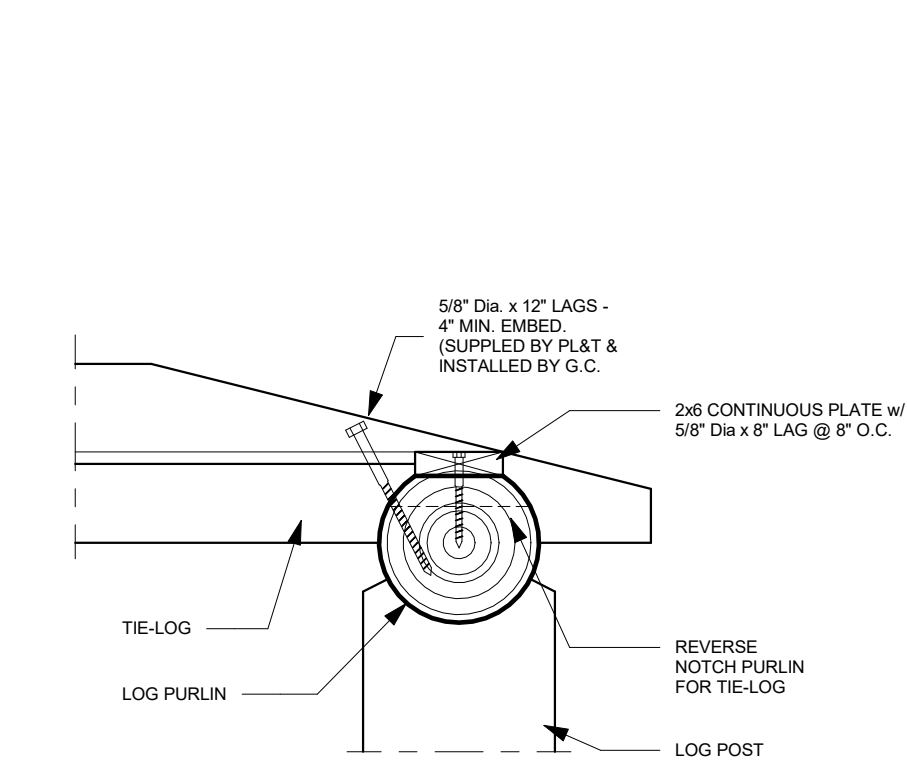
8 COVERED PATIO RAFTER TO EAVE BEAM
1" = 1'-0"



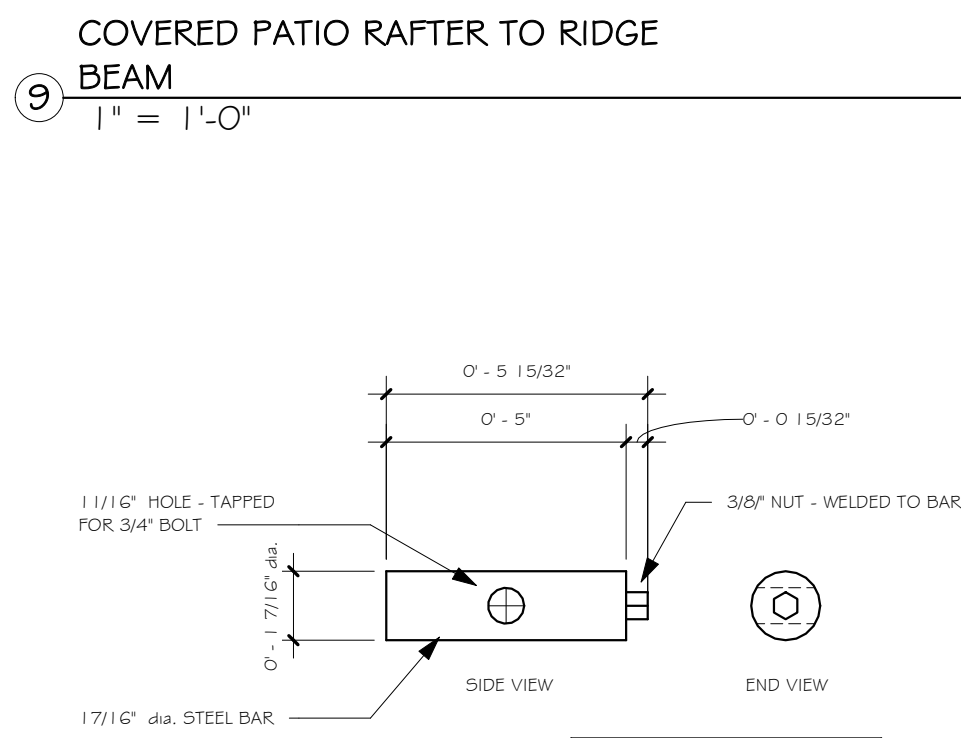
9 COVERED PATIO RAFTER TO RIDGE BEAM
1" = 1'-0"



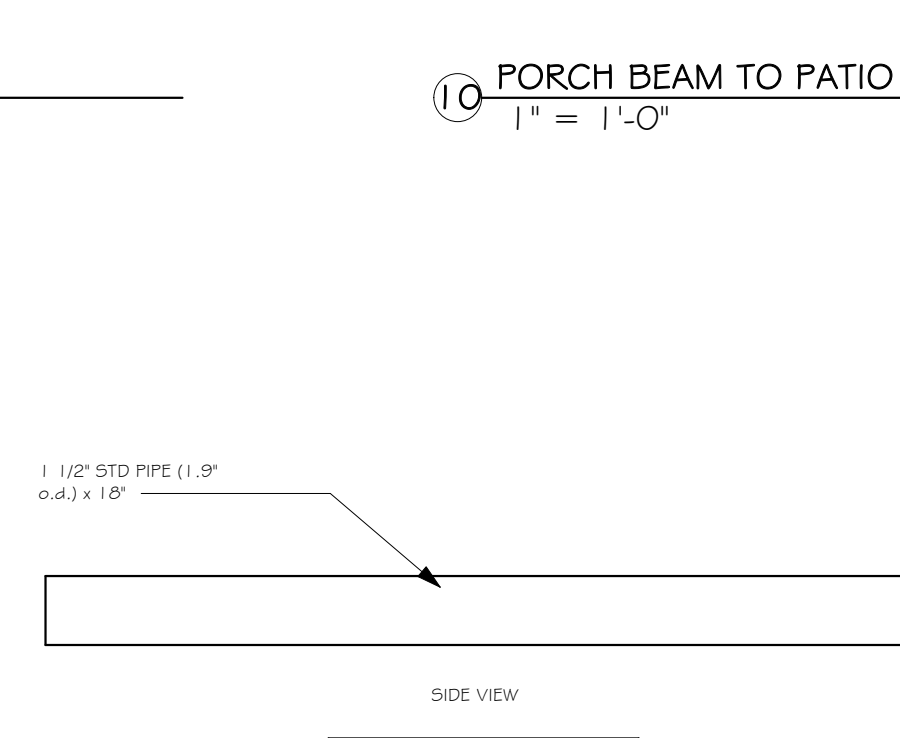
10 PORCH BEAM TO PATIO POST
1" = 1'-0"



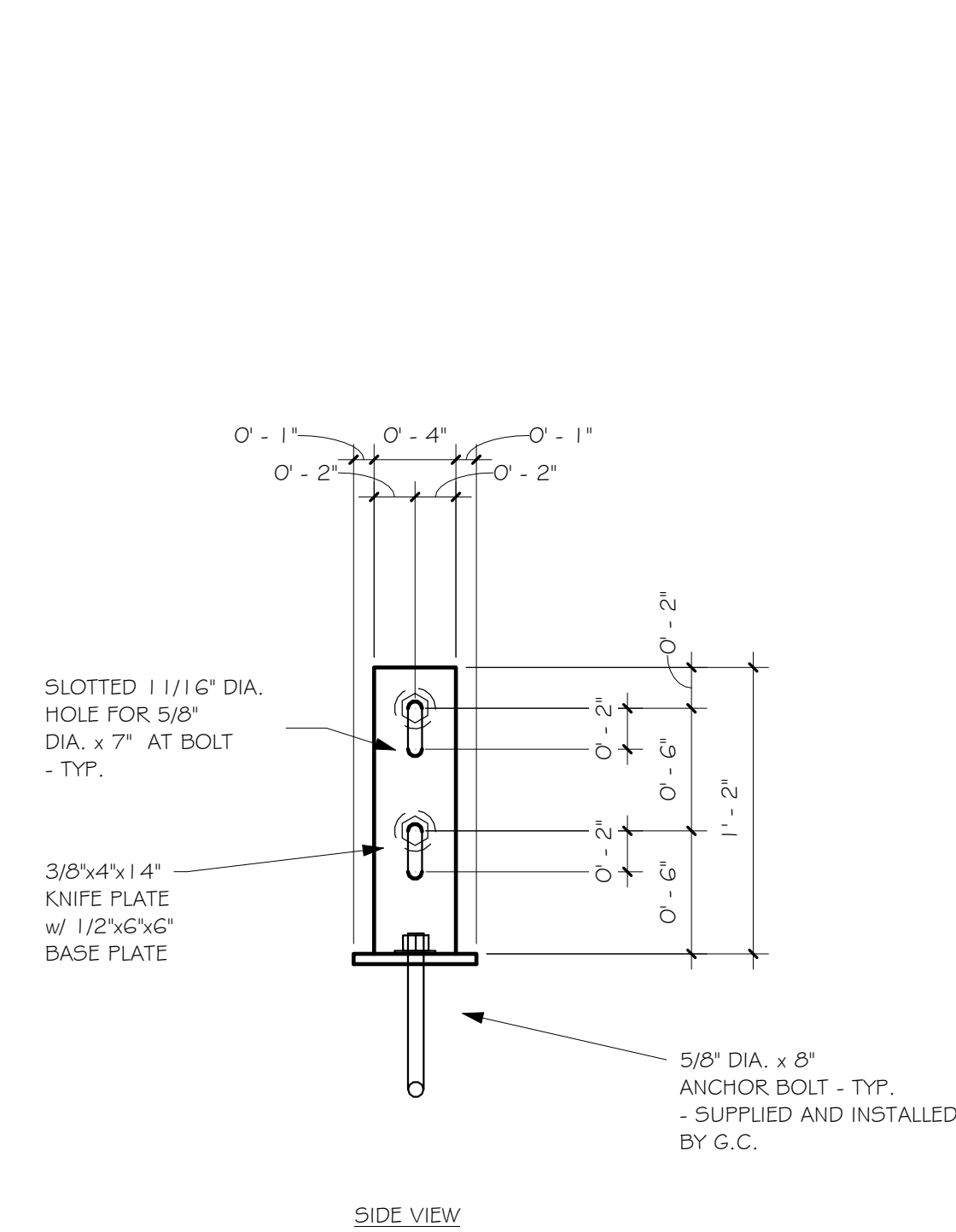
11 TIE-LOG TO PORCH BEAM
1" = 1'-0"



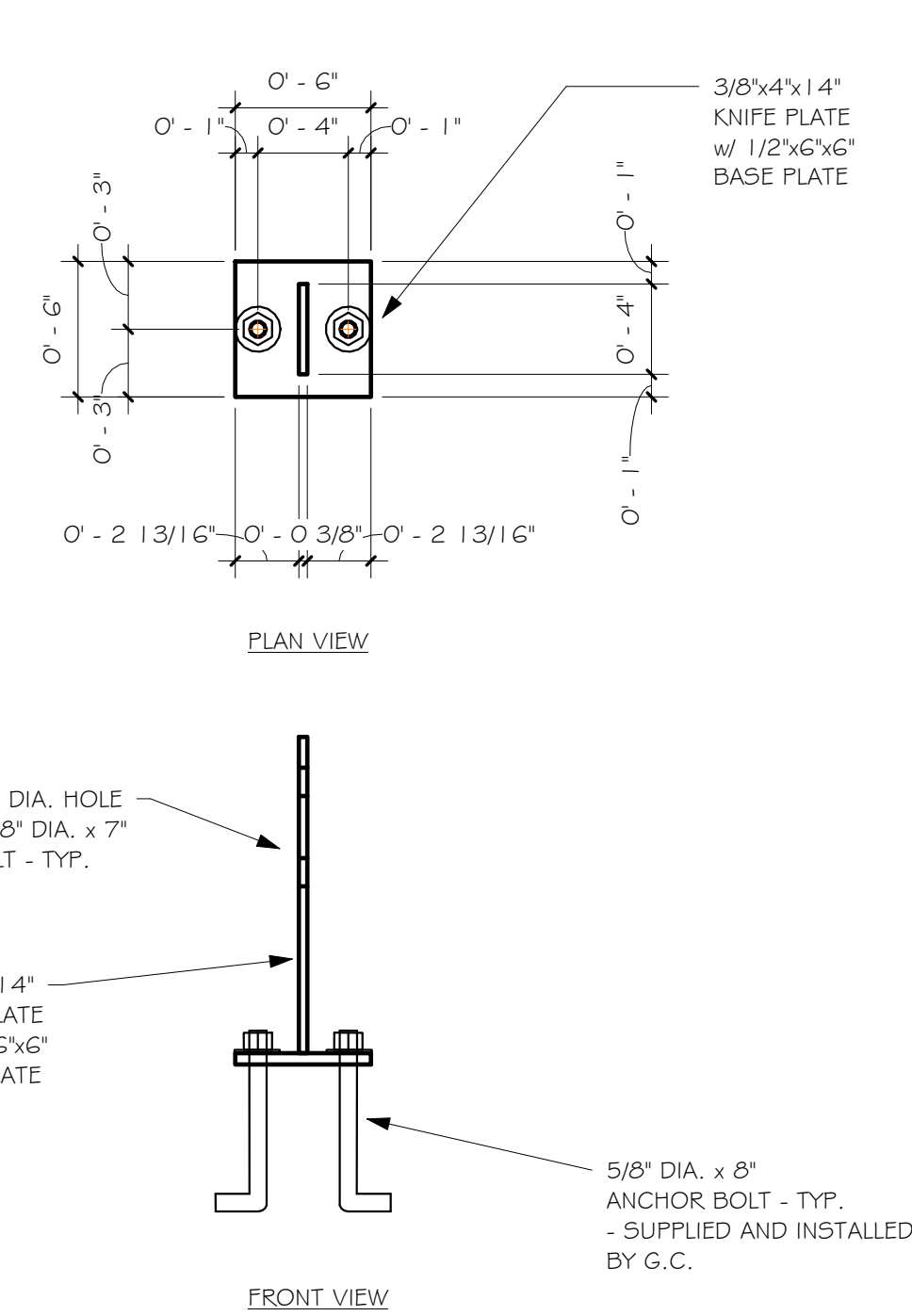
13 SHOP - DOWEL NUT
3" = 1'-0"



14 SHOP - PIPE TENON
3" = 1'-0"



12 POST BASE SHOP
1 1/2" = 1'-0"



SUPPLIED AND INSTALLED BY G.C.

REVISIONS



PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875

Authentic Craftsmanship
EST. 1976 - MONTANA
PHONE: 406-961-3273
PLTMONTANA.COM

ROUND LOG ROOF DETAILS
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY

PREVIOUS ISSUES

DATE

11-5-21

DRAWN BY: TH

JOB NUMBER

21-003

SHEET

S4.2

11/5/2021 3:12:38 PM

WALL LOG NOTES:

WINDOWS AND DOOR OPENINGS ARE DIMENSIONED ON WALL ELEVATIONS *w/o* (2) - 2x BUCKS INCLUDED IN R.O. CALLOUT. G.C. TO CUT OPENINGS AFTER TOTAL LOADING (ie ROOF AND FLOOR LOADS) AND SUPPLY AND INSTALL ROUGH BUCKS.

WINDOW AND DOOR OPENINGS SHOWN ON LOG LAYOUTS ARE SIZED PER GENERIC WINDOW AND DOOR SIZES. G.C. TO ADJUST OPENINGS FOR THE SPECIFIC WINDOW AND DOOR MANUFACTURER SIZES.

PLT TO PRE-DRILL LOGS FOR WALL PINS. PLT TO SUPPLY GALVANIZED WALL PINS. G.C. TO INSTALL PINS WHEN RESETTING STRUCTURE. WALL PIN SPACING NOT TO EXCEED 4'-0" UNLESS NOTED OTHERWISE.

G.C. TO SUPPLY AND INSTALL HARDWARE AND MATERIAL FOR LOG WALL TO FRAME FLOOR AND / OR CONCRETE STEM WALL CONNECTION.

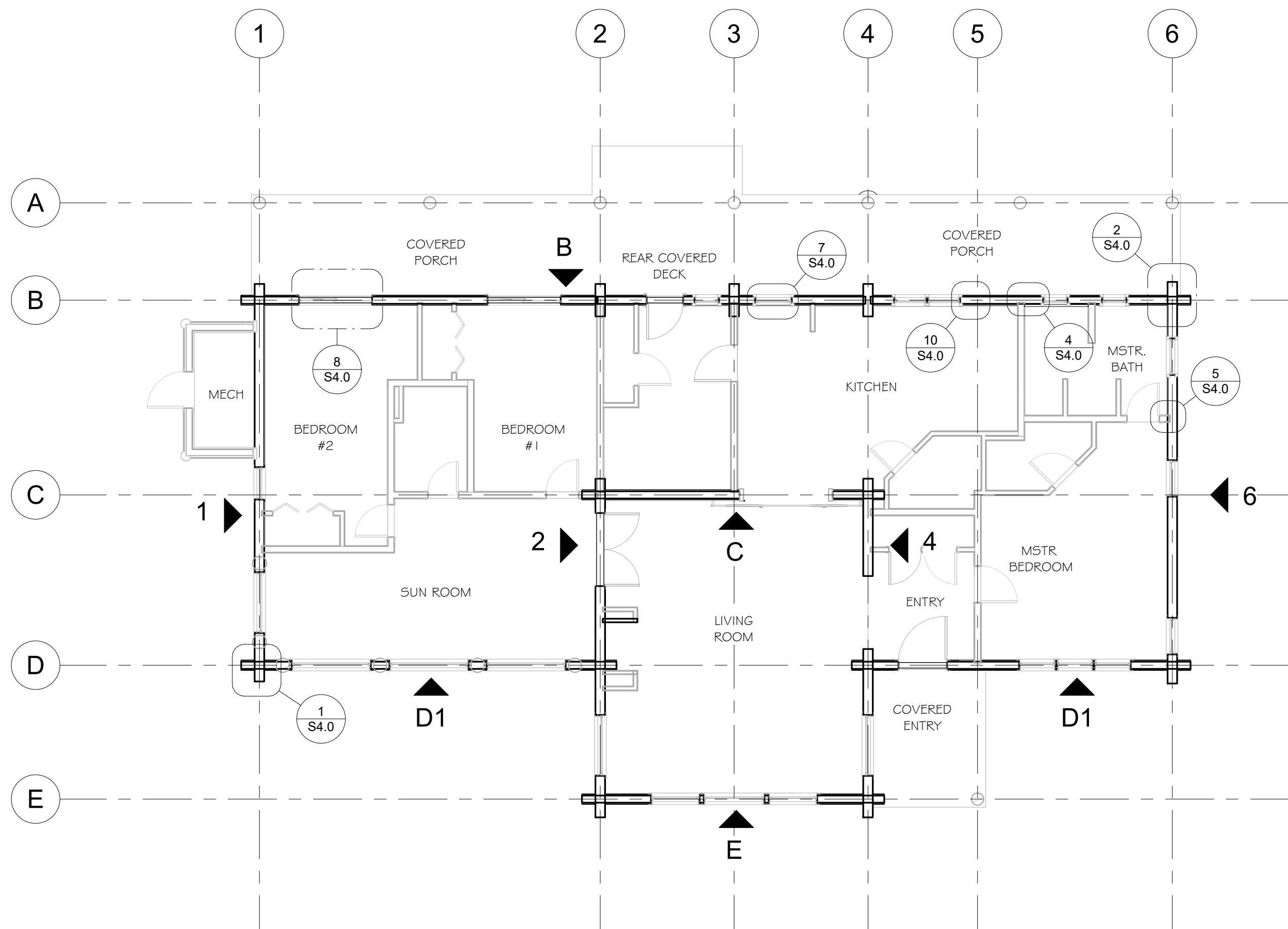
ARROW DENOTES VIEW DIRECTION OF ELEVATIONS ON KEY PLAN.

WALL ELEVATIONS ARE SHOWN AT 1/4" = 1'-0" SCALE UNLESS NOTED OTHERWISE.

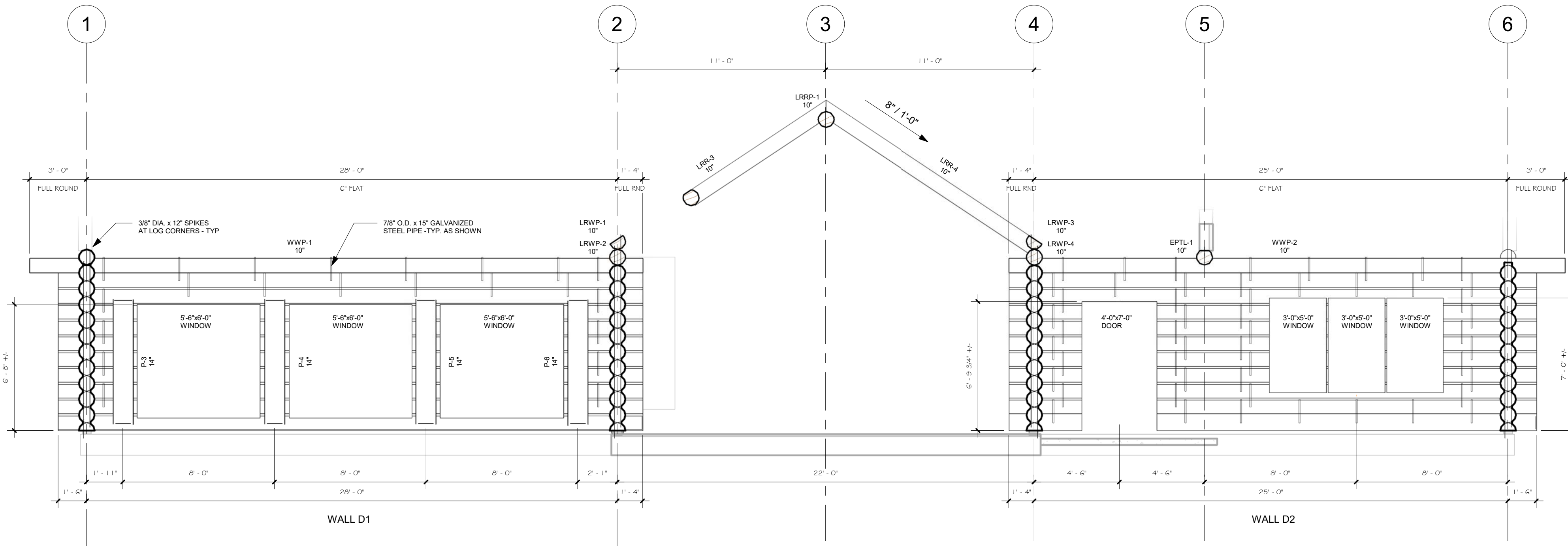
LOG WALL HARDWARE SCHEDULE

QTY.	ITEM	DESCRIPTION
630	7/8"DIA. x 15" GALV. PIPE PINS	-
320	3/8"DIA. x 12" SPIKES	-

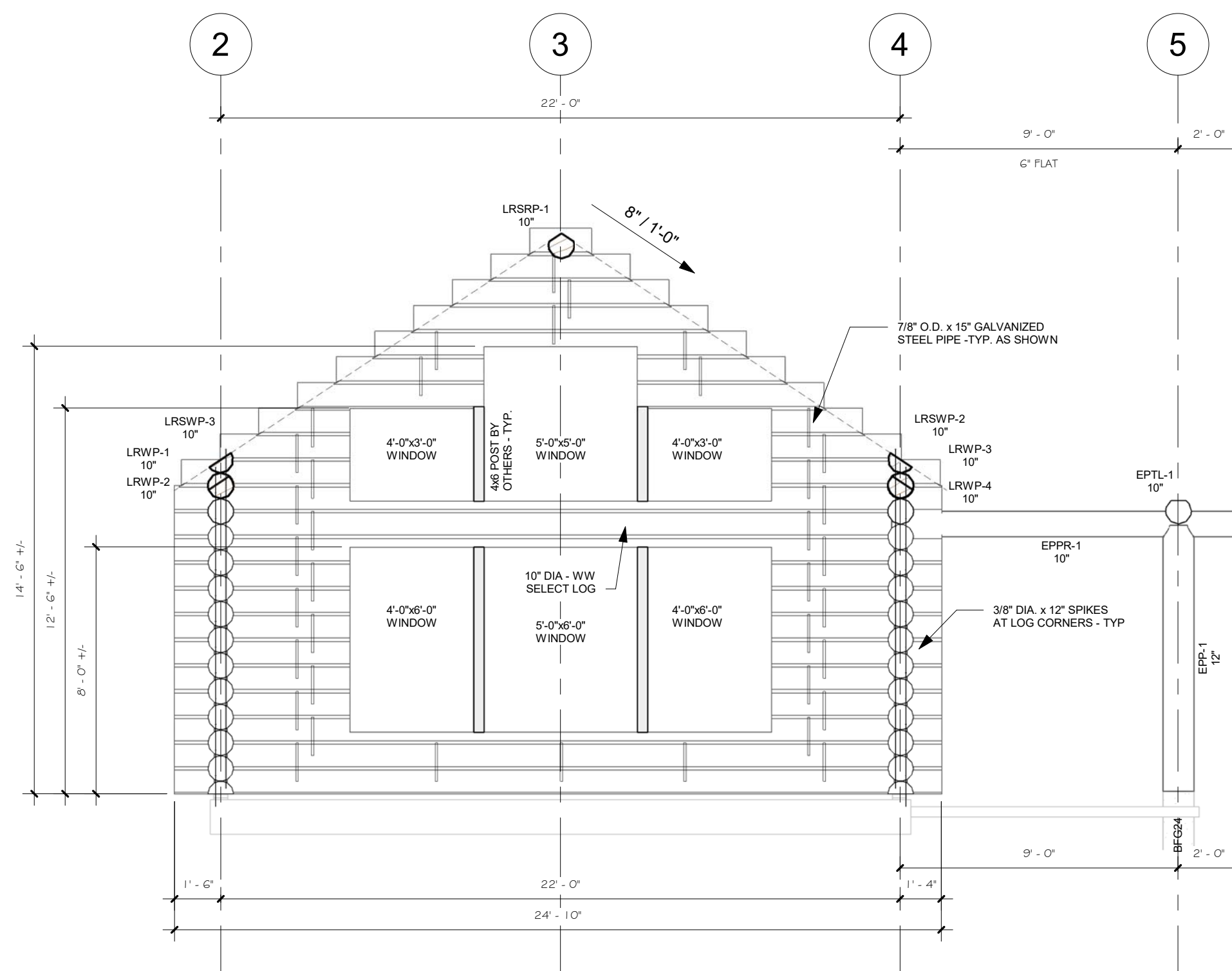
PLT TO PROVIDE LOG TO LOG CONNECTIONS ONLY. ALL OTHER CONNECTIONS AND HARDWARE SHOWN ON THESE PLANS TO BE PROVIDED BY OTHERS



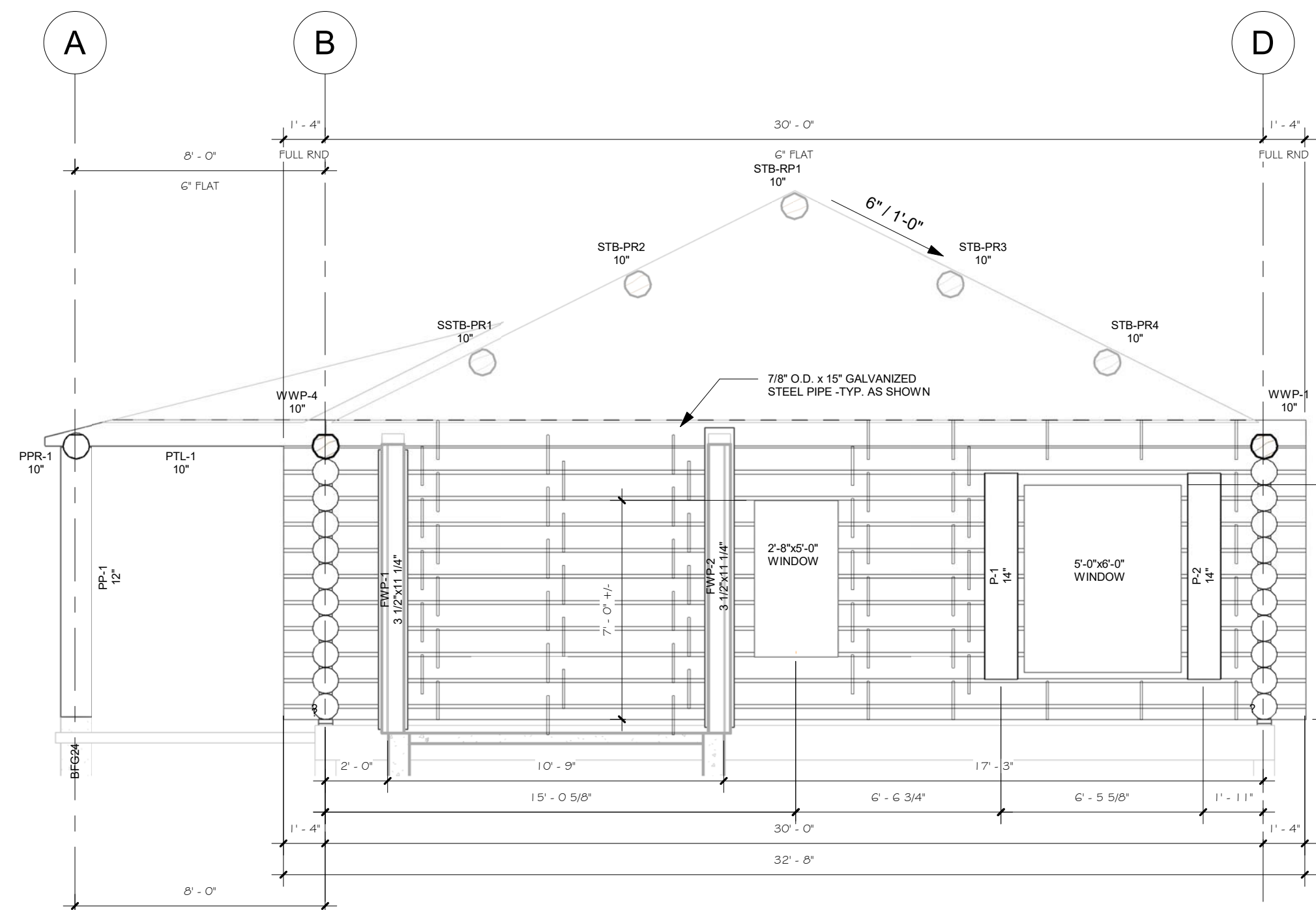
2 LOG WALL KEY PLAN
1/8" = 1'-0"



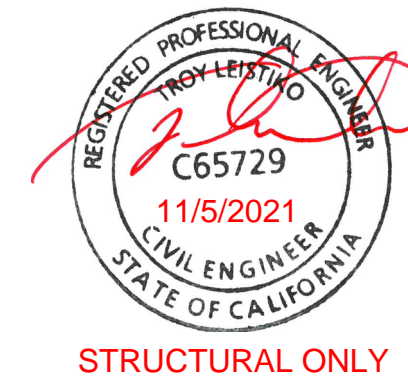
3 GRID D WALL ELEVATION
1/4" = 1'-0"



1 GRID E WALL ELEVATION
1/4" = 1'-0"



4 GRID I WALL ELEVATION
1/4" = 1'-0"



REVISIONS



Authentic Craftsmanship
EST. 1976 • MONTANA

PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875

PHONE: 406-961-3273
PLTMONTANA.COM

LOG WALL SHOP ELEVATIONS #1

TILLER RESIDENCE

LOS GATOS, CA

ENGINEERED BY

PREVIOUS ISSUES

DATE

11-5-21

DRAWN BY: TH

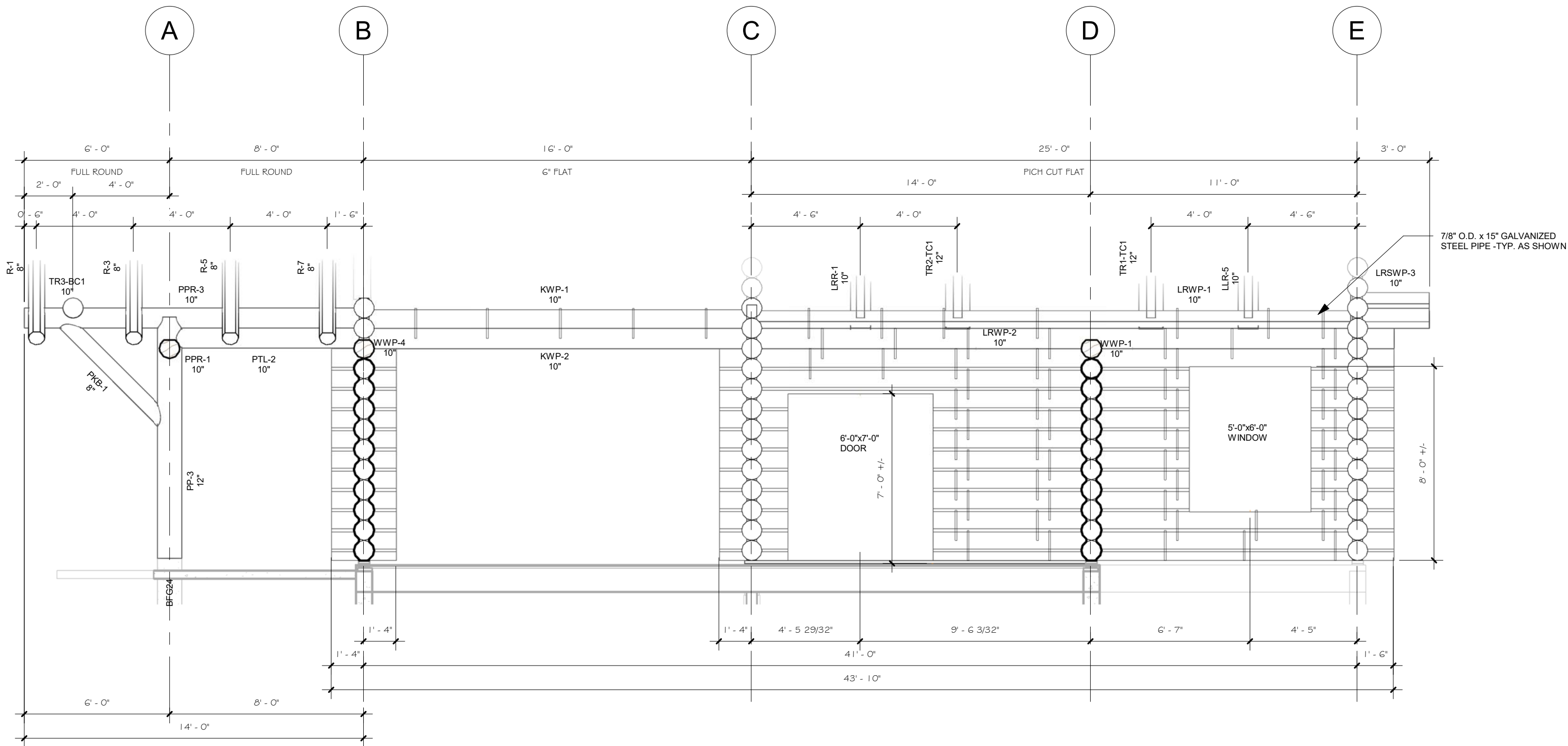
JOB NUMBER

21-003

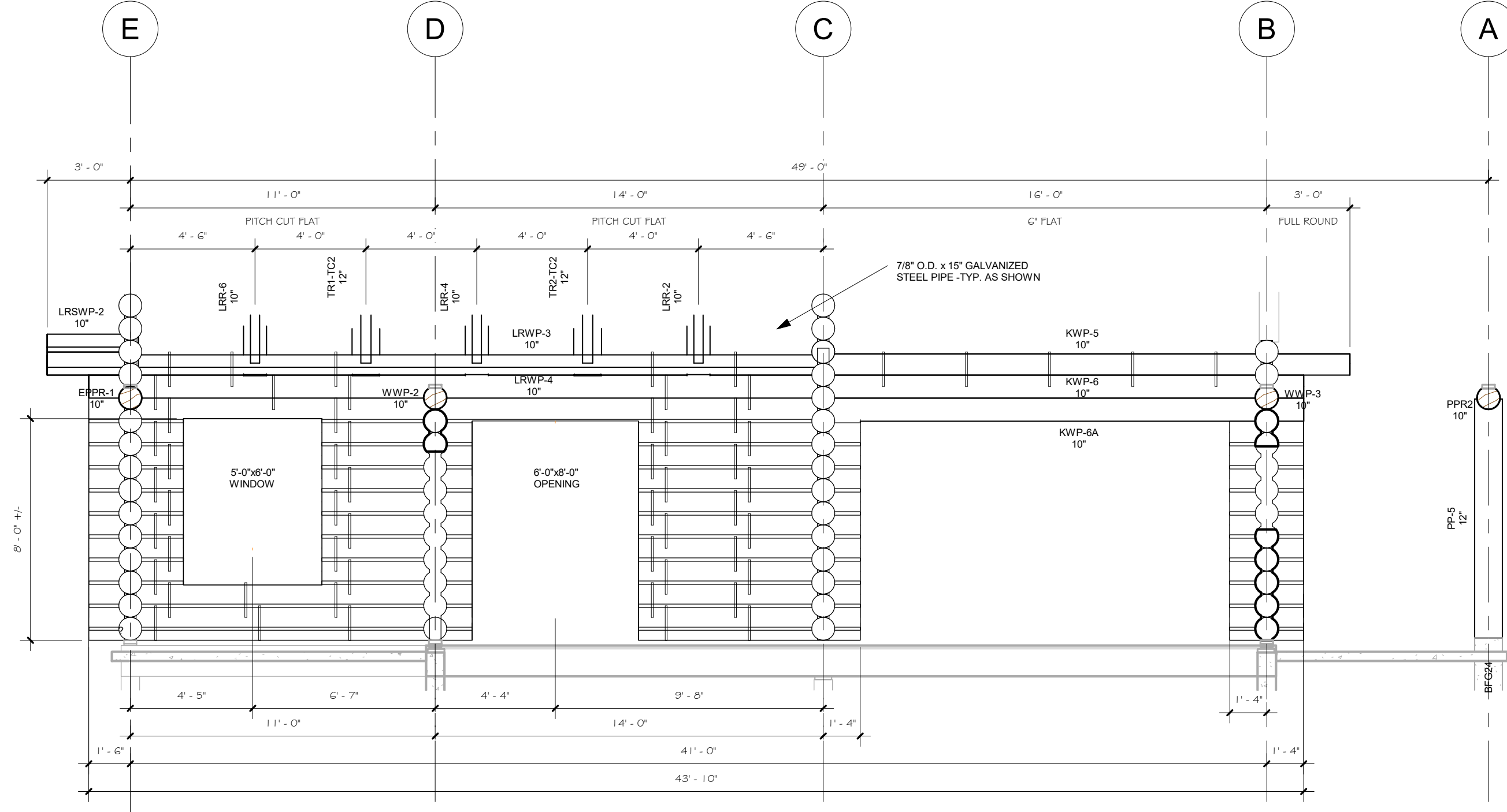
SHEET

S5.0

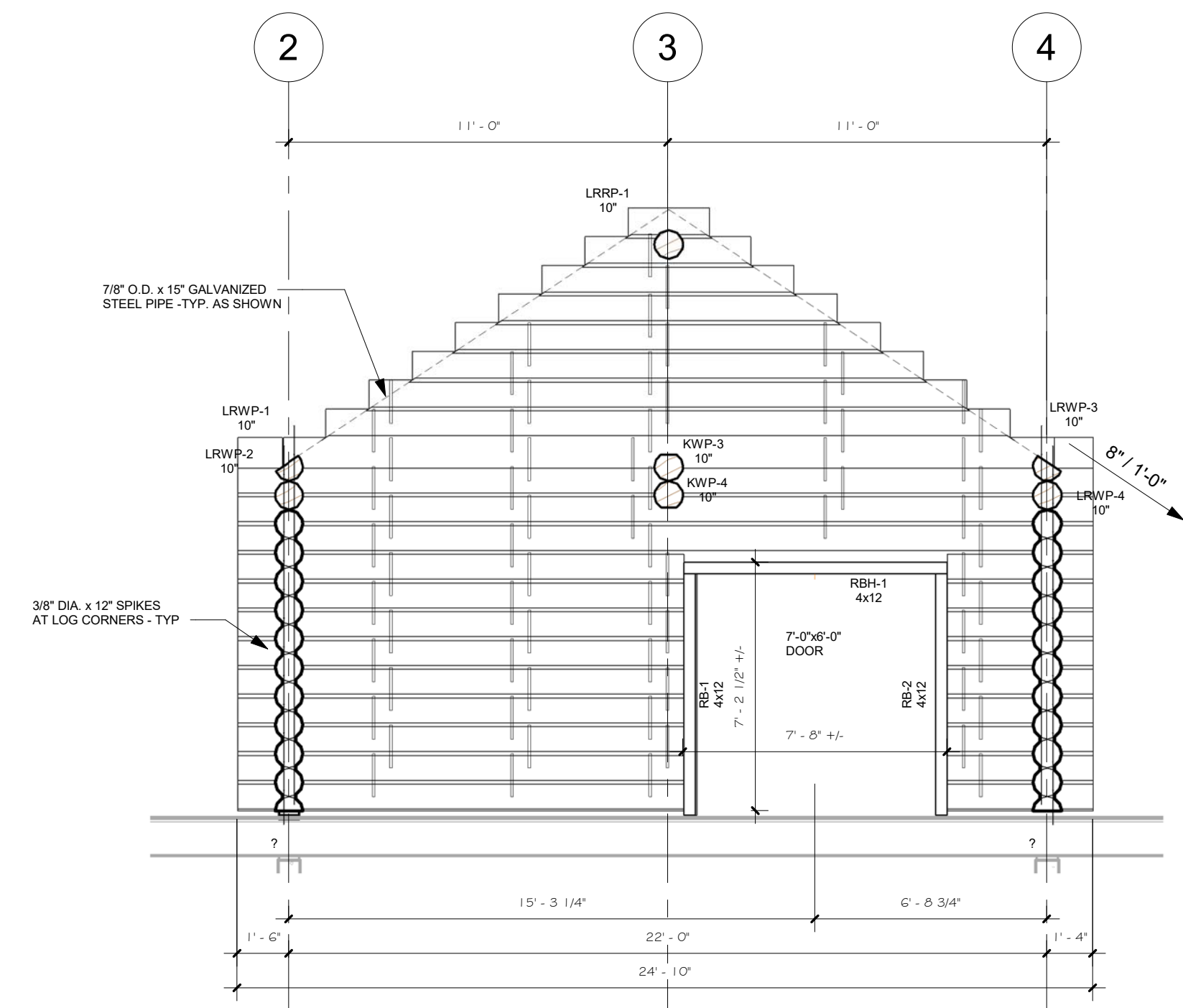
11/5/2021 3:12:42 PM



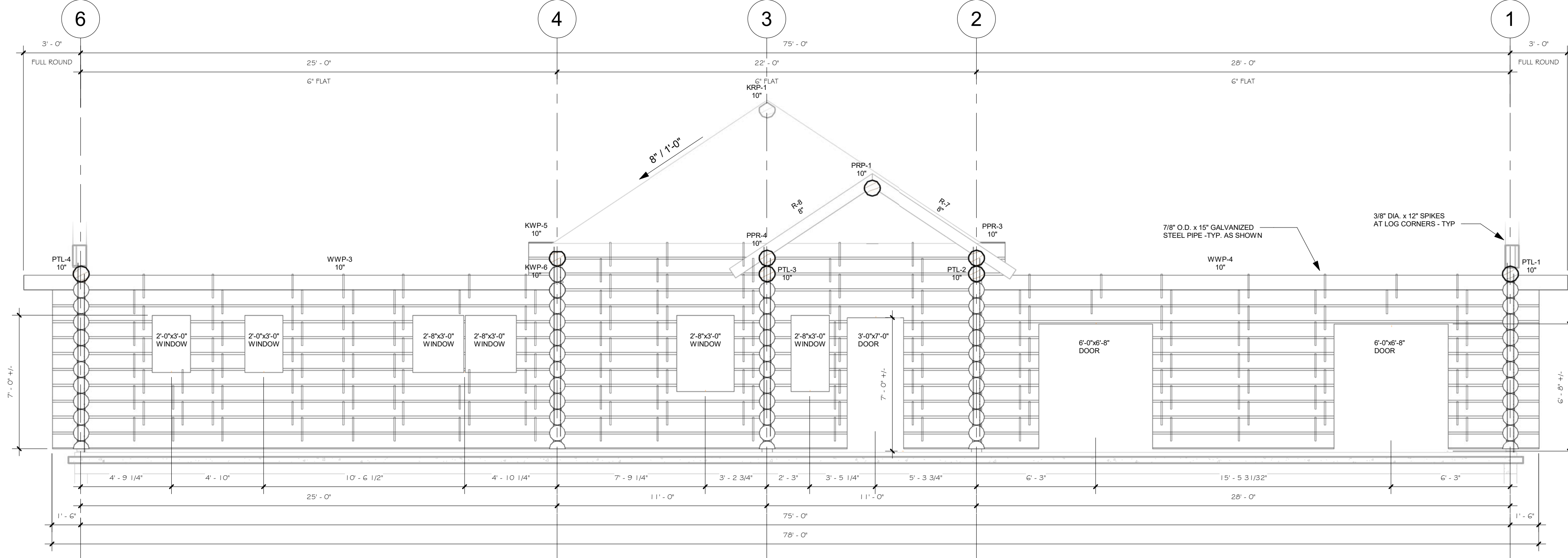
1 GRID 2 WALL ELEVATION
1/4" = 1'-0"



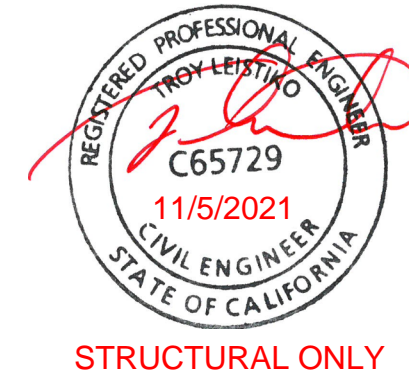
2 GRID 4 WALL ELEVATION
1/4" = 1'-0"



3 GRID C WALL ELEVATION
1/4" = 1'-0"



4 GRID B WALL ELEVATION
1/4" = 1'-0"



STRUCTURAL ONLY

REVISIONS



Authentic Craftsmanship
EST. 1976 - MONTANA

PIONEER LOG & TIMBER
1344 HWY 93 NORTH
VICTOR, MONTANA
59875

PHONE: 406-961-3273
PLTMONTANA.COM

LOG WALL SHOP ELEVATIONS #2
TILLER RESIDENCE
LOS GATOS, CA

ENGINEERED BY

PREVIOUS ISSUES

DATE

11-5-21

DRAWN BY: TH

JOB NUMBER

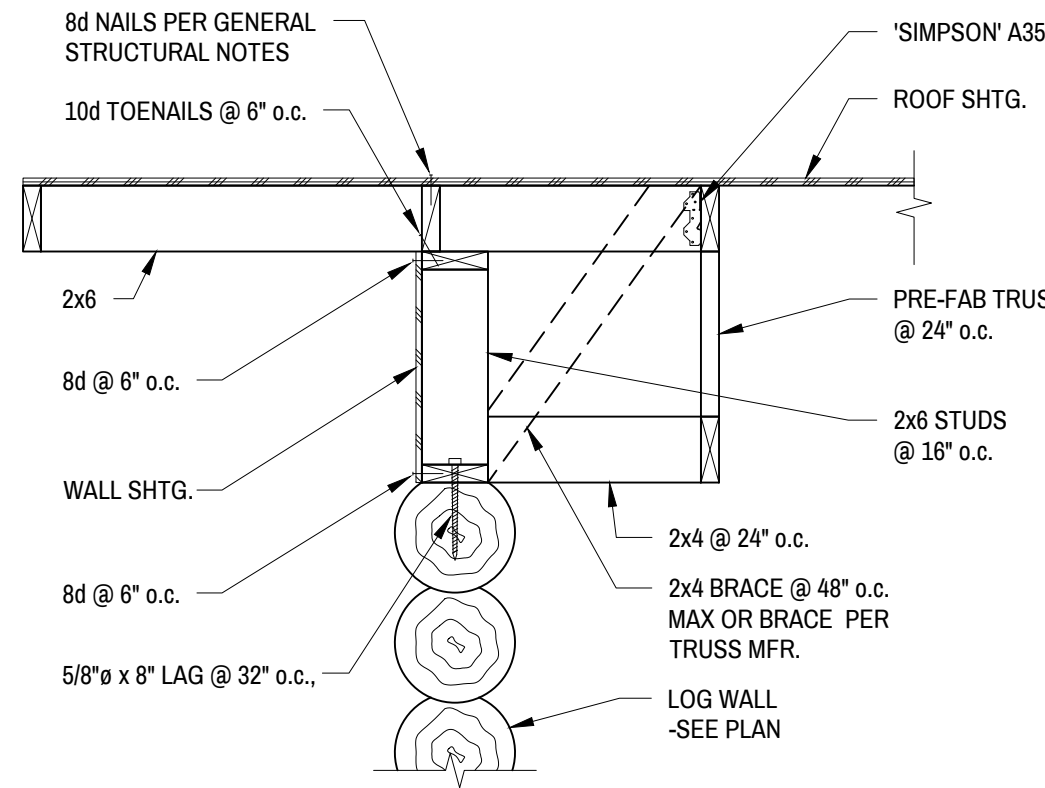
21-003

SHEET

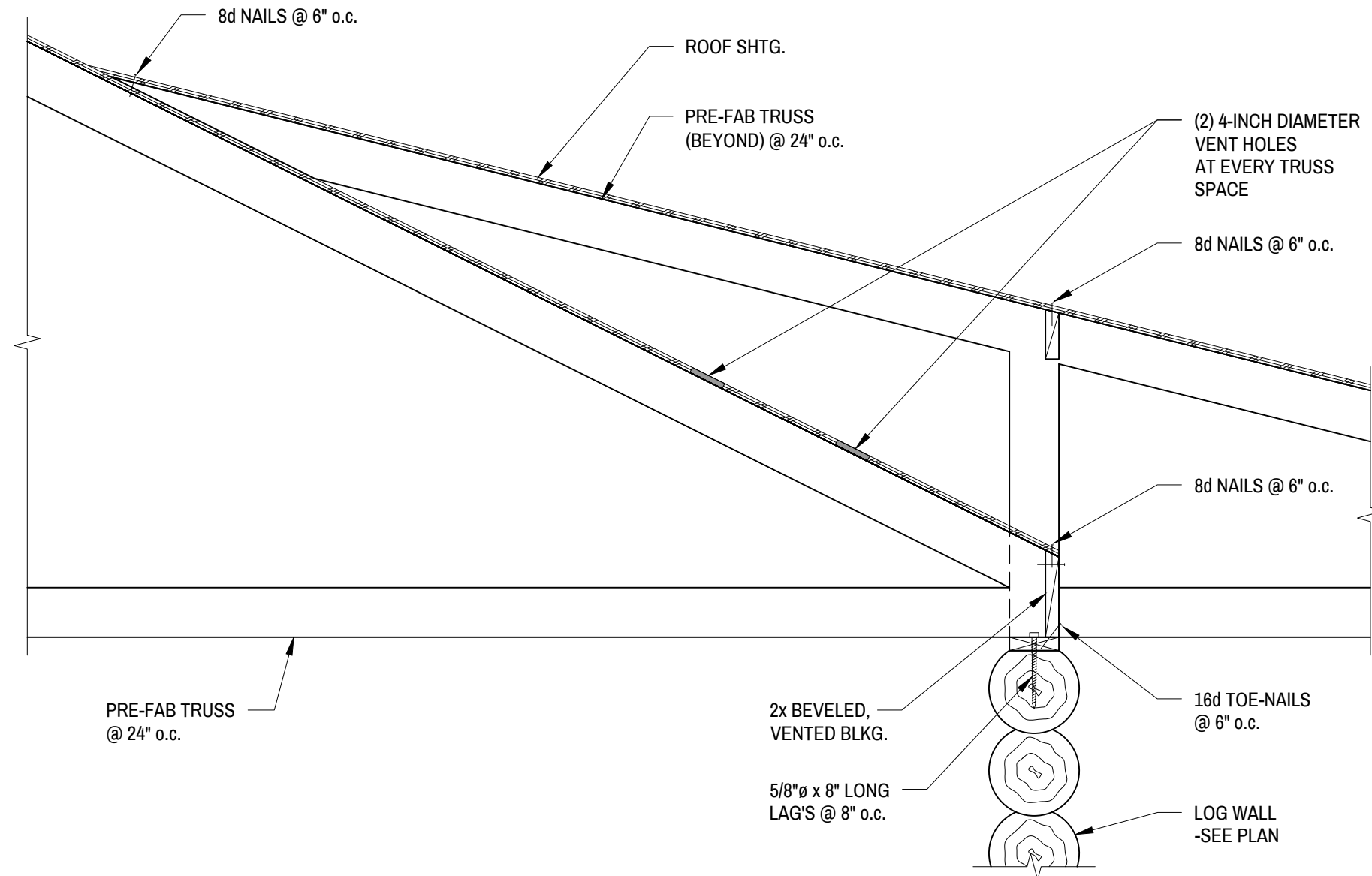
S5.1

11/5/2021 3:12:45 PM

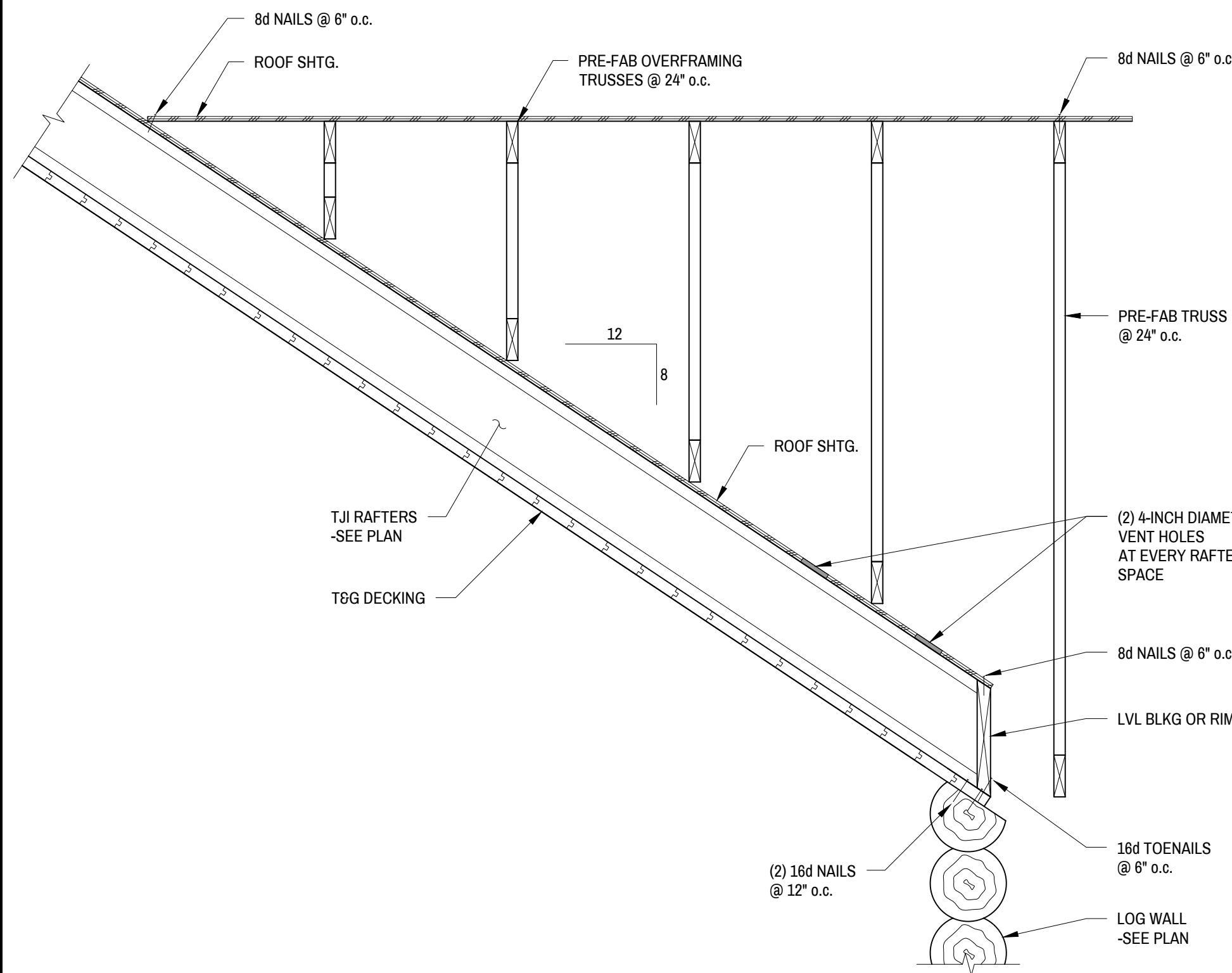
C:\Projects\XYZ\Desktop\19-21-106 - tiller details\SS 1.dwg Tiller Details SS 1.dwg Printed by: BENJAMIN POWELL Date: 2021-Nov-04 6:02 PM



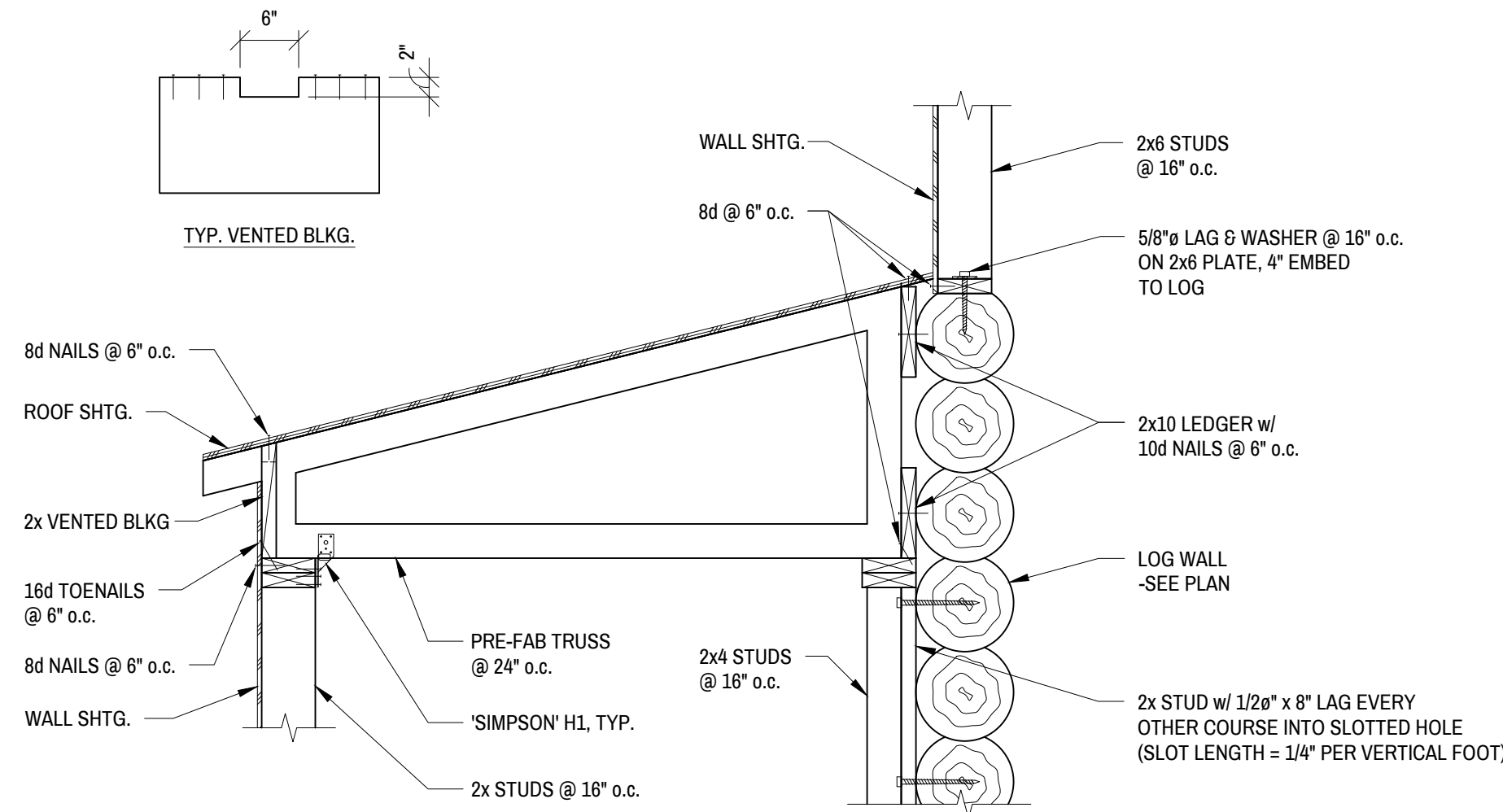
1 SCALE: 3/4" = 1'-0"



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



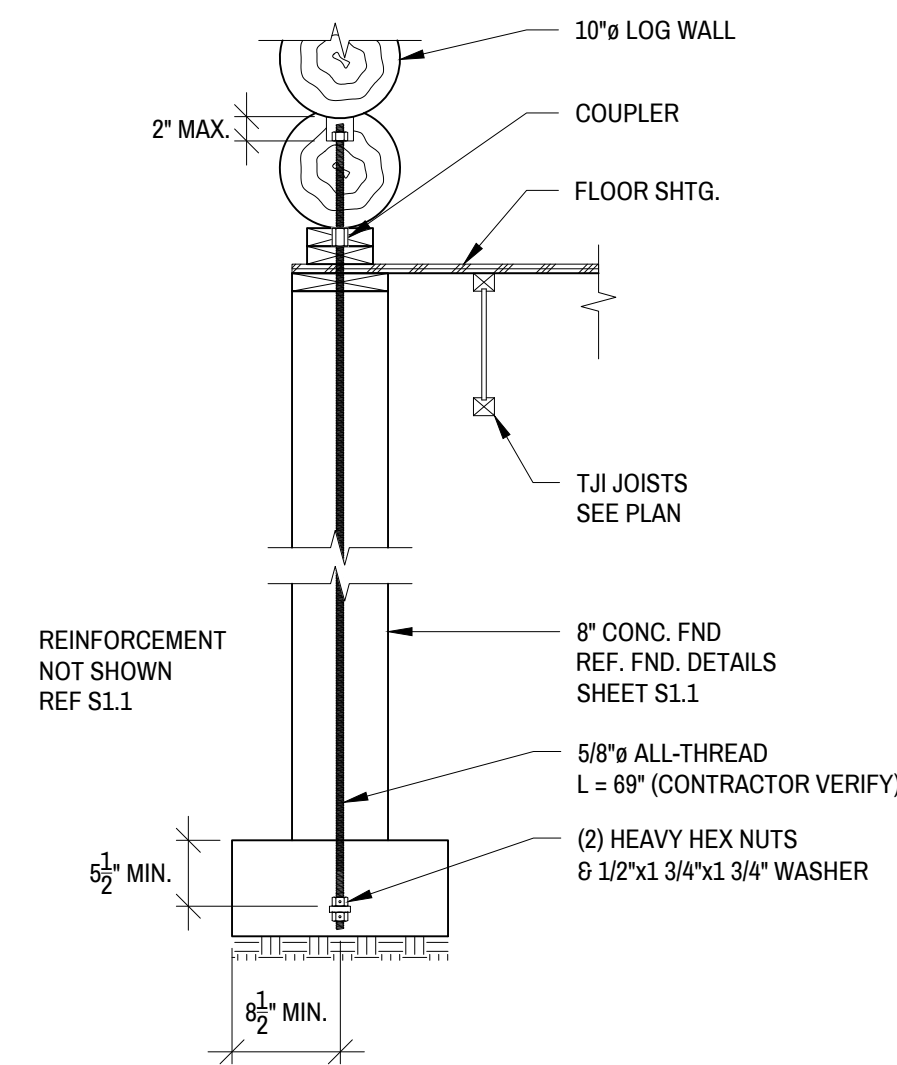
5 SCALE: 3/4" = 1'-0"



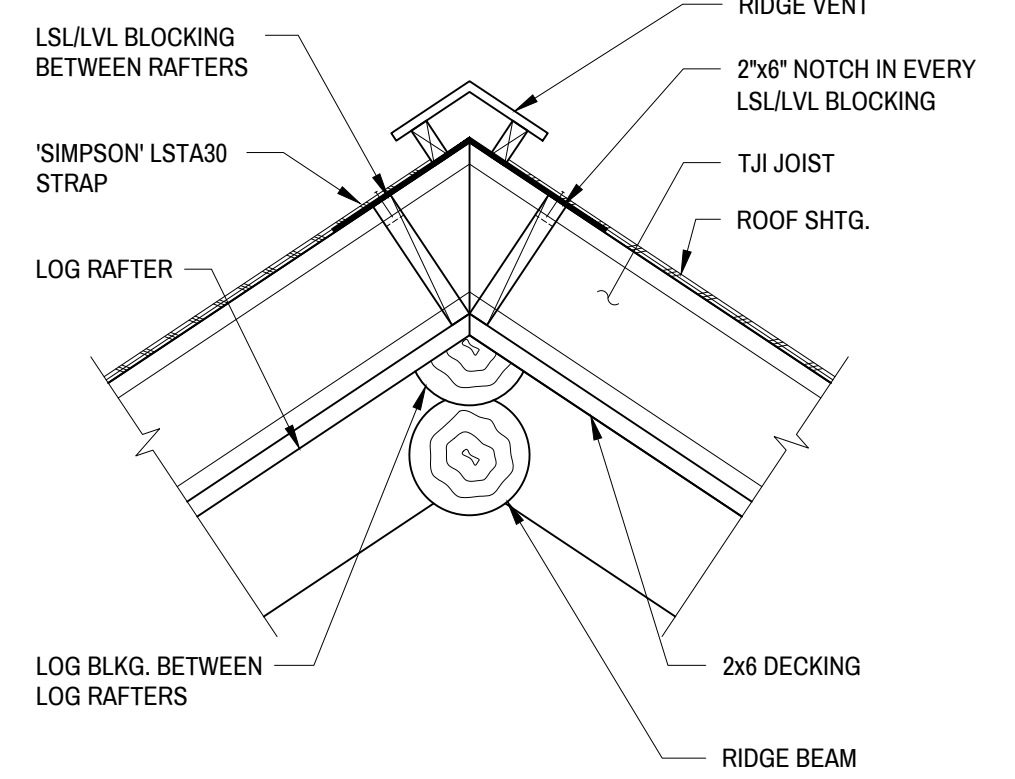
6 SCALE: 3/4" = 1'-0"

DETAIL
NOT
USED

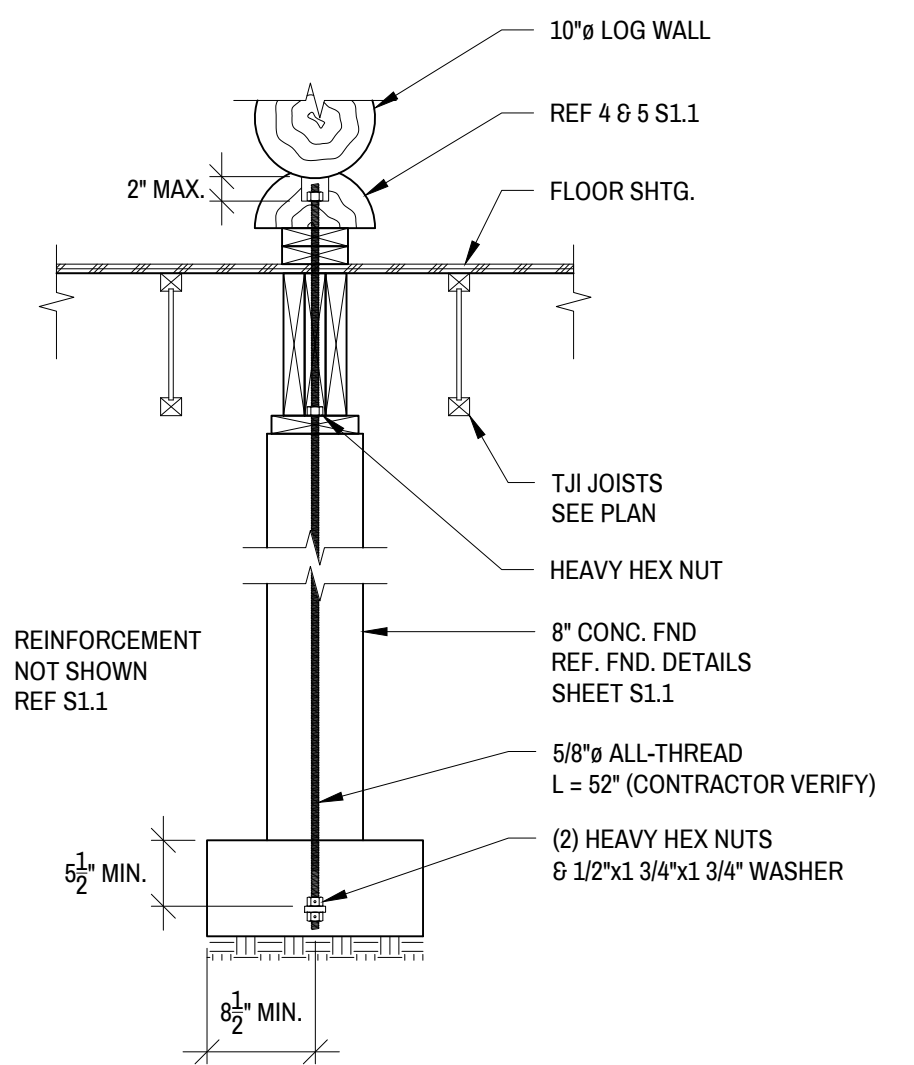
3 SCALE: 3/4" = 1'-0"



7 HOLD DOWN -EXTERIOR (HD 5/8" x 69")
SCALE: 3/4" = 1'-0"



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



8 HOLD DOWN -INTERIOR (HD 5/8" x 52")
SCALE: 3/4" = 1'-0"

