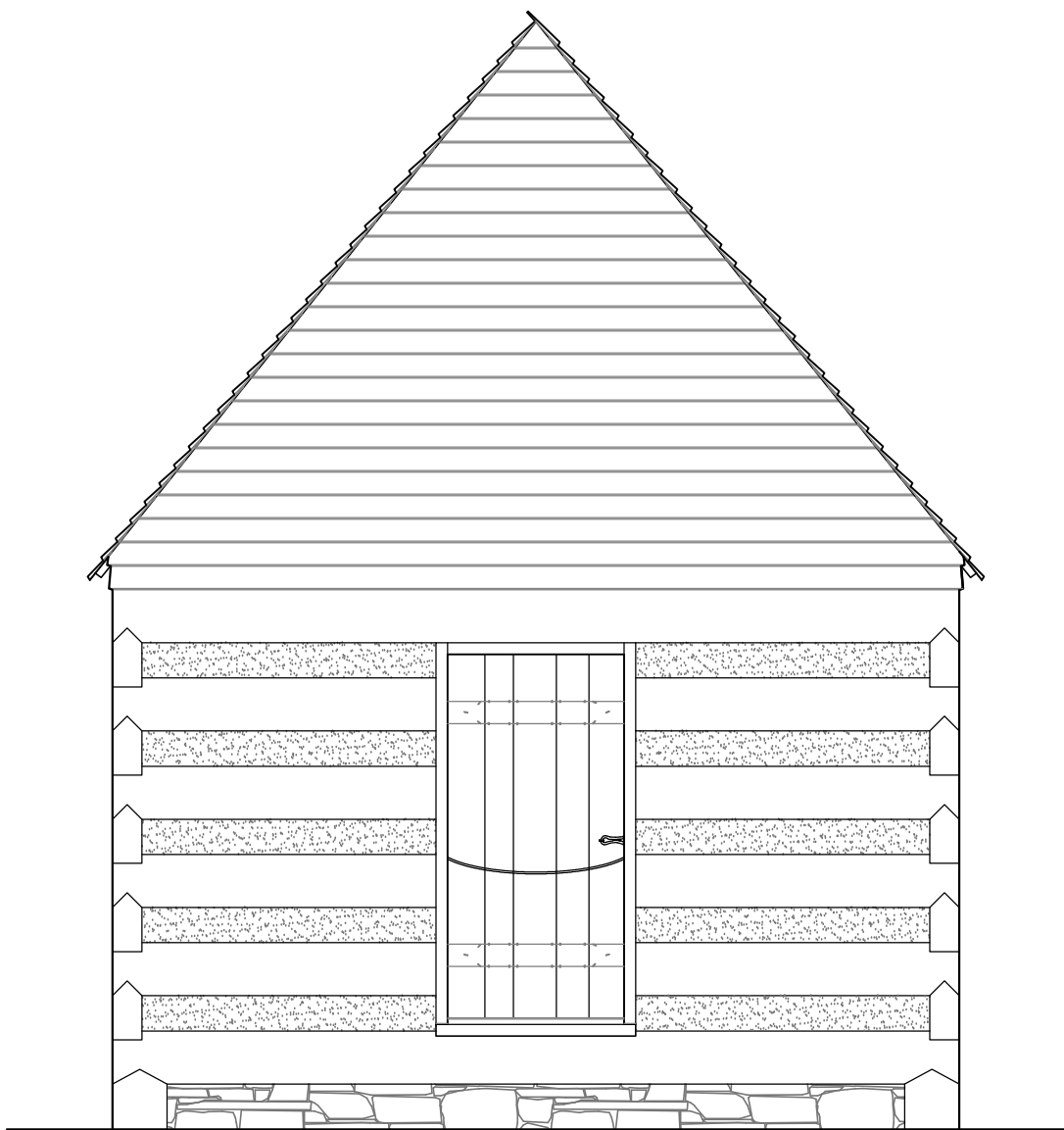


GEORGE WASHINGTON'S FERRY FARM STORE HOUSE EXHIBIT

268 KINGS HIGHWAY, FREDERICKSBURG, VIRGINIA 22405

PROGRESS SET

SEPTEMBER 8, 2020



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ARCHITECTURAL ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
B/O, BO	BOTTOM OF
BLDG	BUILDING
BLKG	BLOCKING
CH	CEILING HEIGHT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CONT	CONTINUOUS
DET	DETAIL
DWG	DRAWING
EA	EACH
ELEV	ELEVATION
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
FF	FINISH FLOOR
FIN	FINISH
FLR	FLOOR
F/O	FACE OF
FUR	FURRING
GA	GAUGE
GL	GLASS, GLAZING
HDWR	HARDWARE
HGT, HT	HEIGHT
HORIZ	HORIZONTAL
INSUL	INSULATION
MAX	MAXIMUM
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NIC	NOT IN CONTRACT
OC	ON CENTER
PLAS	PLASTER
PNT	PAINT
REQ'D	REQUIRED
RM	ROOM
RO	ROUGH OPENING
SECT	SECTION
SIM	SIMILAR
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STL	STEEL
THK	THICK
T/O, TO	TOP OF
TYP	TYPICAL
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD

LIST OF DRAWINGS

T-1	TITLE SHEET
SP-1	SITE PLAN
A-1	PLAN AND ELEVATIONS
A-2	SECTIONS AND FRAMING DETAILS
A-3	DOOR DETAILS
A-4	HARDWARE
A-5	CONSTRUCTION NOTES



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SITE PLAN

**STORE HOUSE EXHIBIT AT
GEORGE WASHINGTON'S FERRY FARM
GEORGE WASHINGTON FOUNDATION
268 KINGS HIGHWAY, FREDERICKSBURG, VIRGINIA 22405**

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SCALE
AS SHOWN

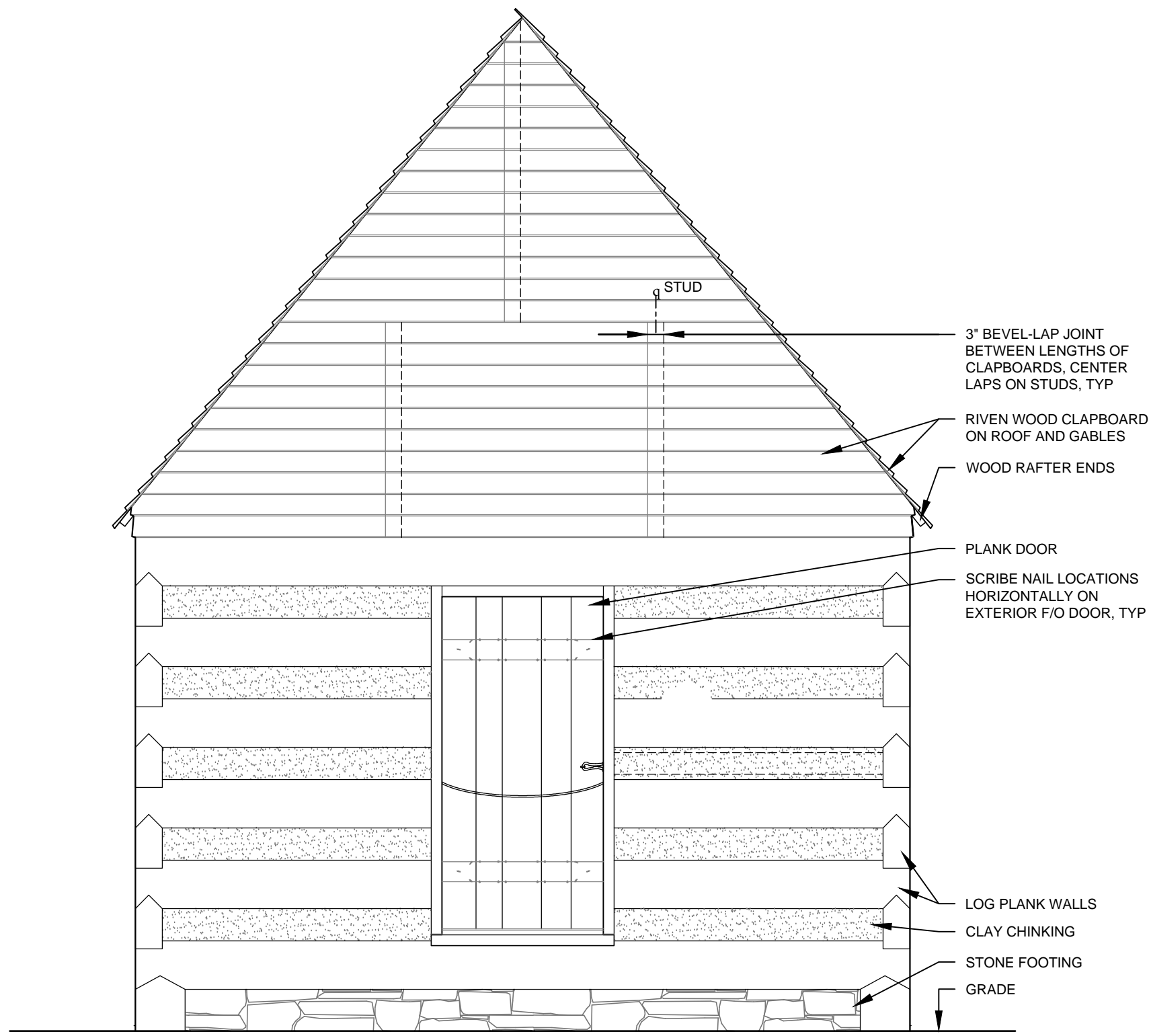
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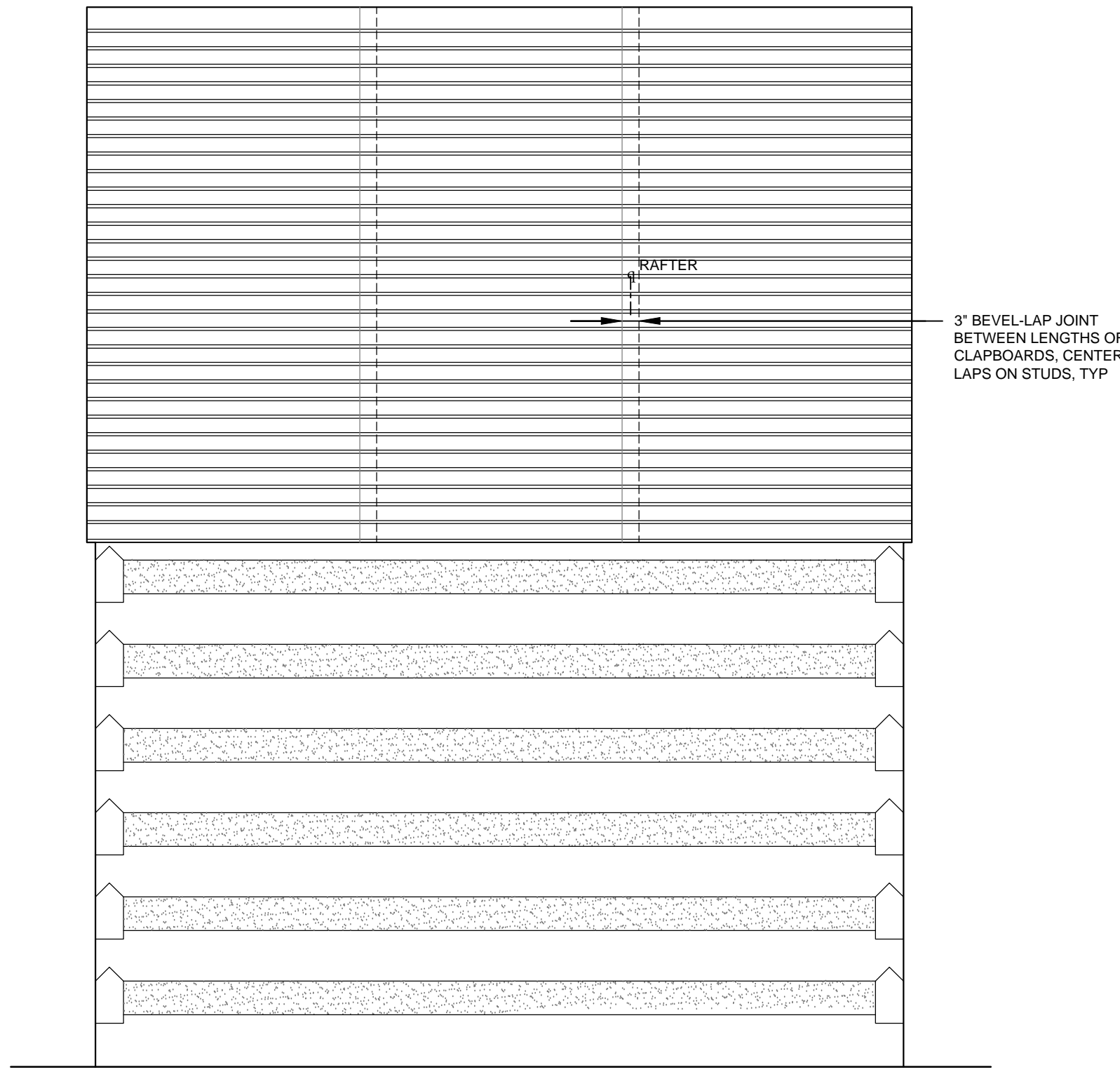
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SP-1

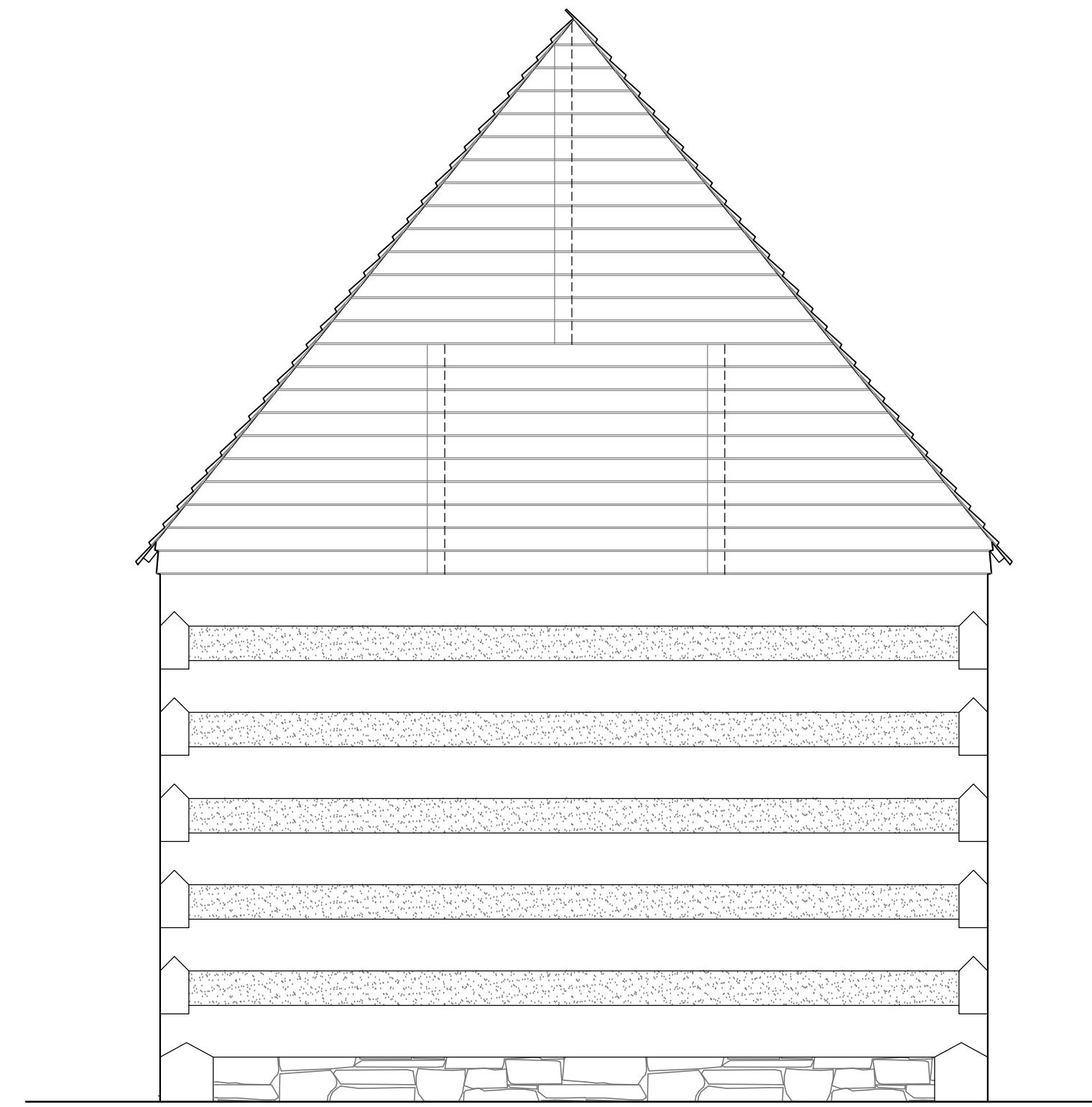
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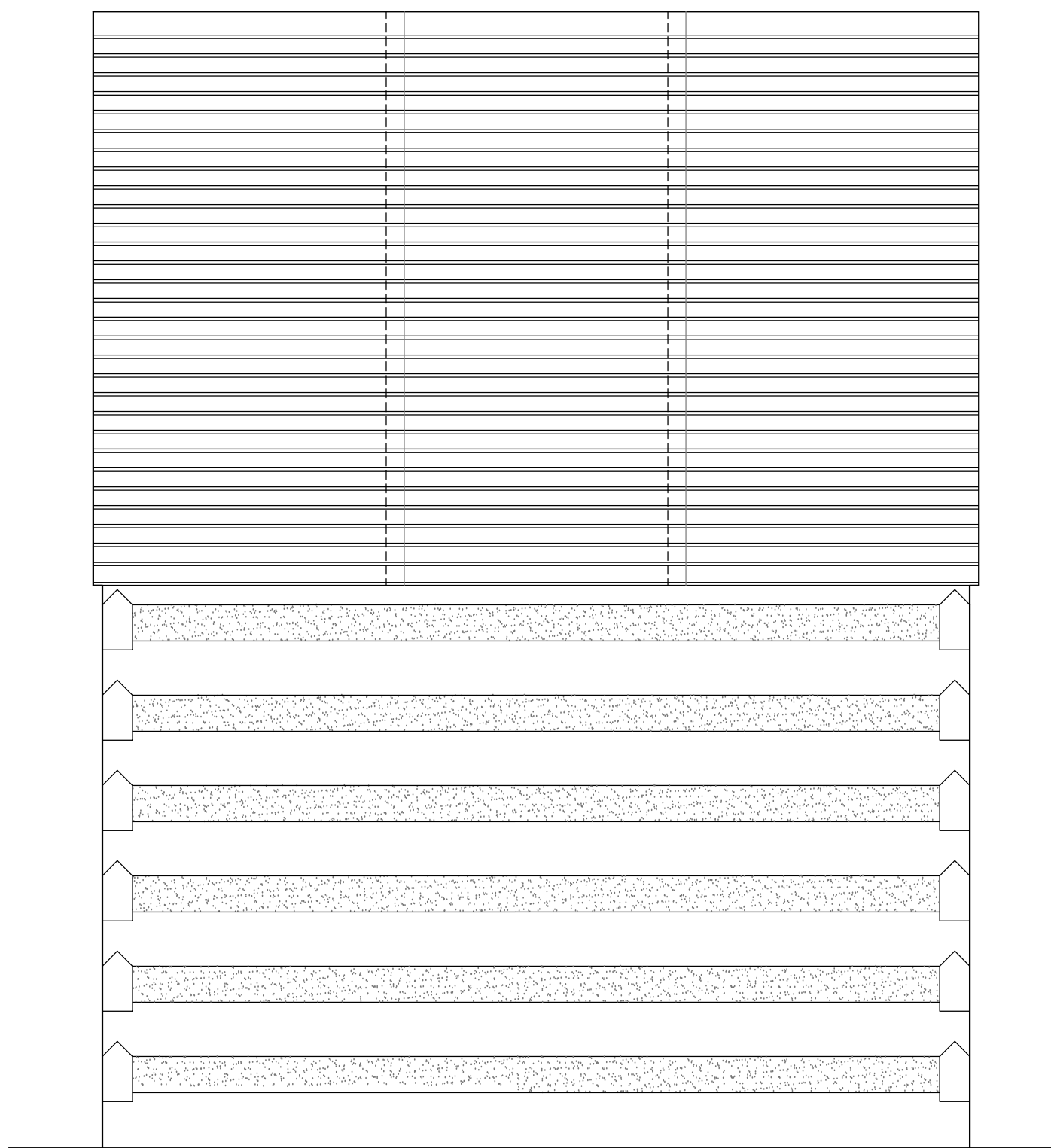
1 EAST ELEVATION
Scale: 1/2" = 1'-0"



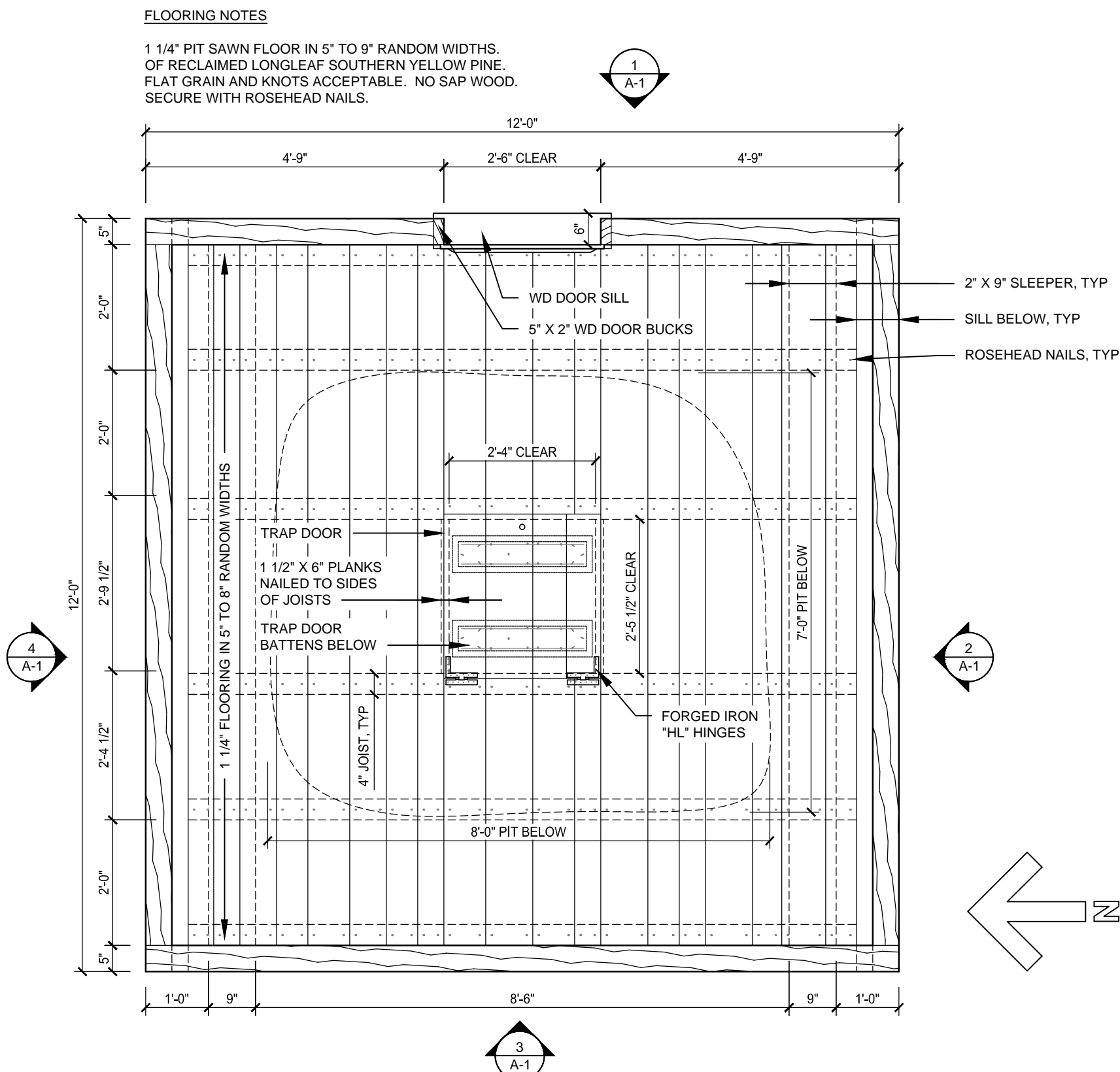
2 SOUTH ELEVATION
Scale: 1/2" = 1'-0"



3 WEST ELEVATION
Scale: 1/2" = 1'-0"



4 NORTH ELEVATION
Scale: 1/2" = 1'-0"



5 FIRST FLOOR FRAMING PLAN
Scale: 1/2" = 1'-0"

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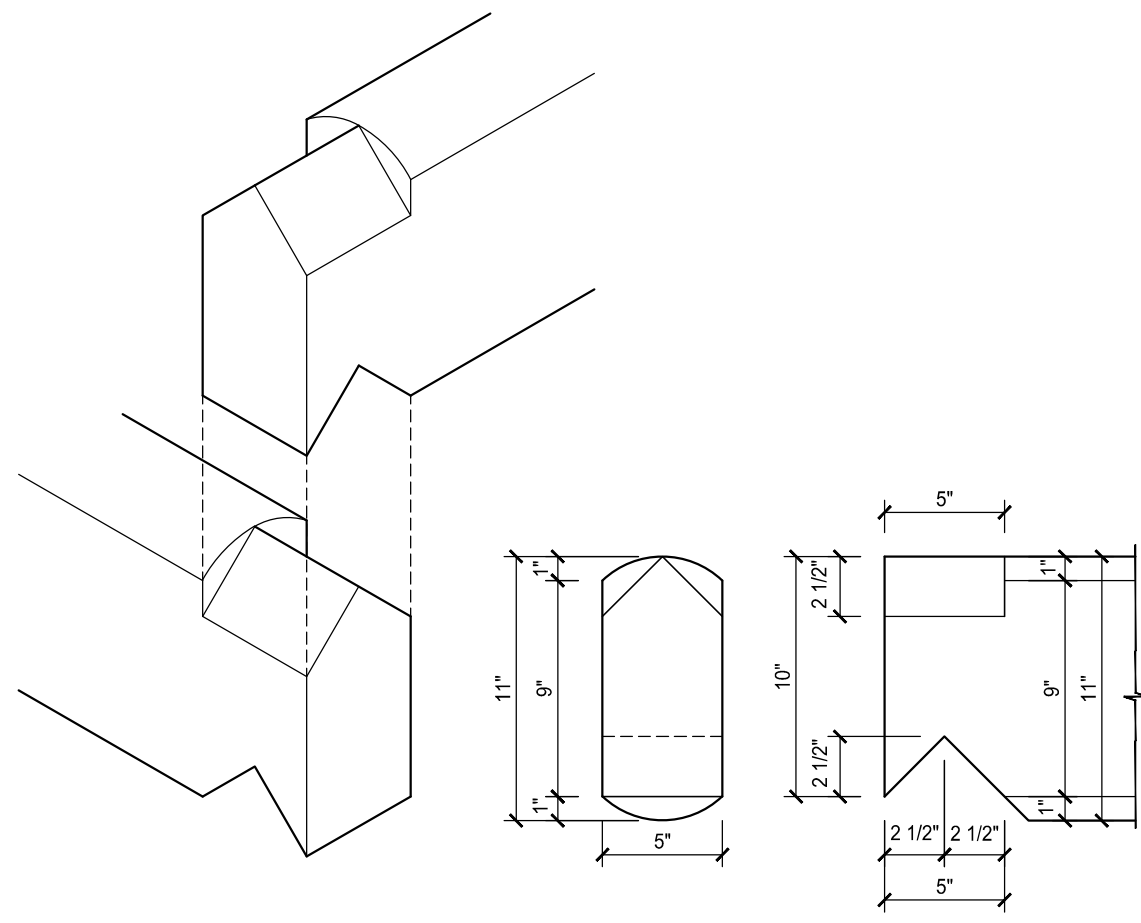
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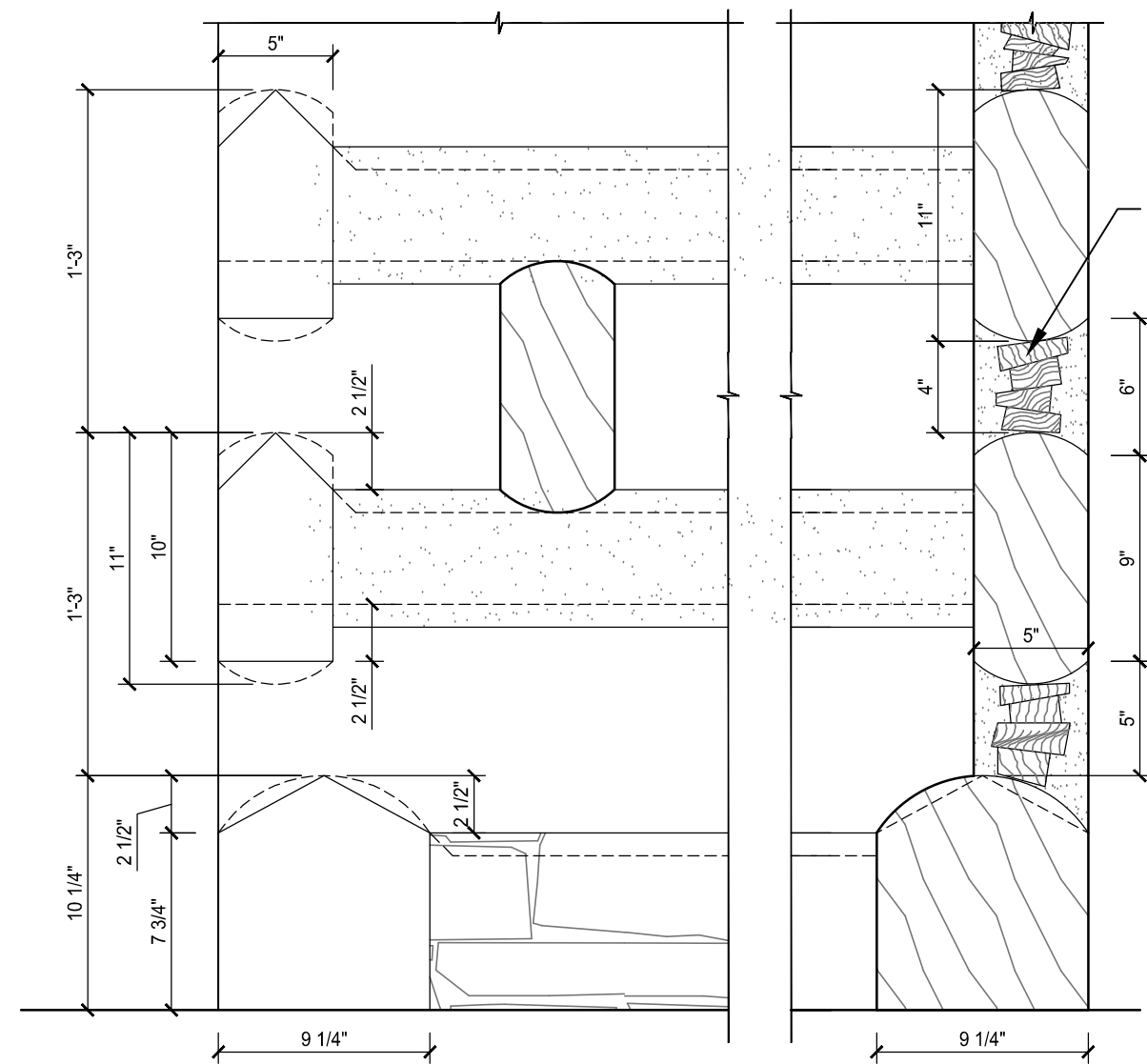
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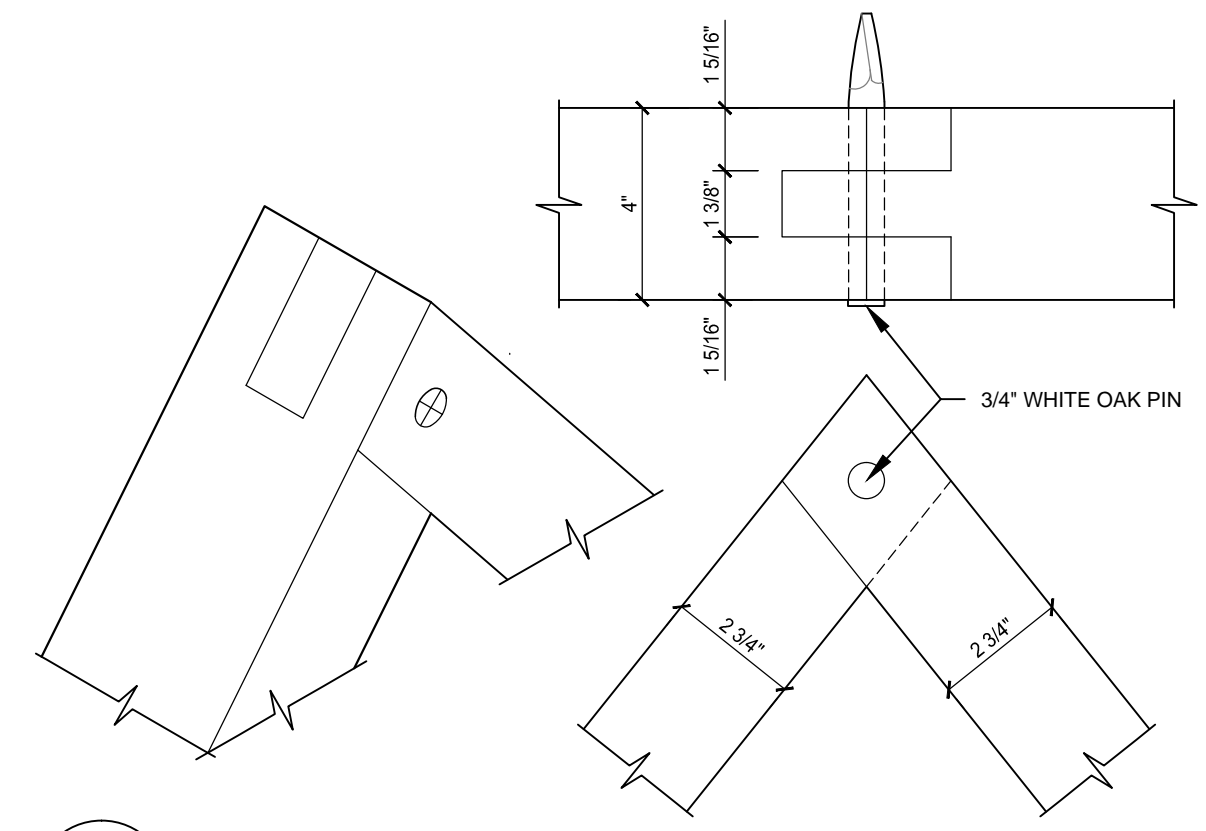
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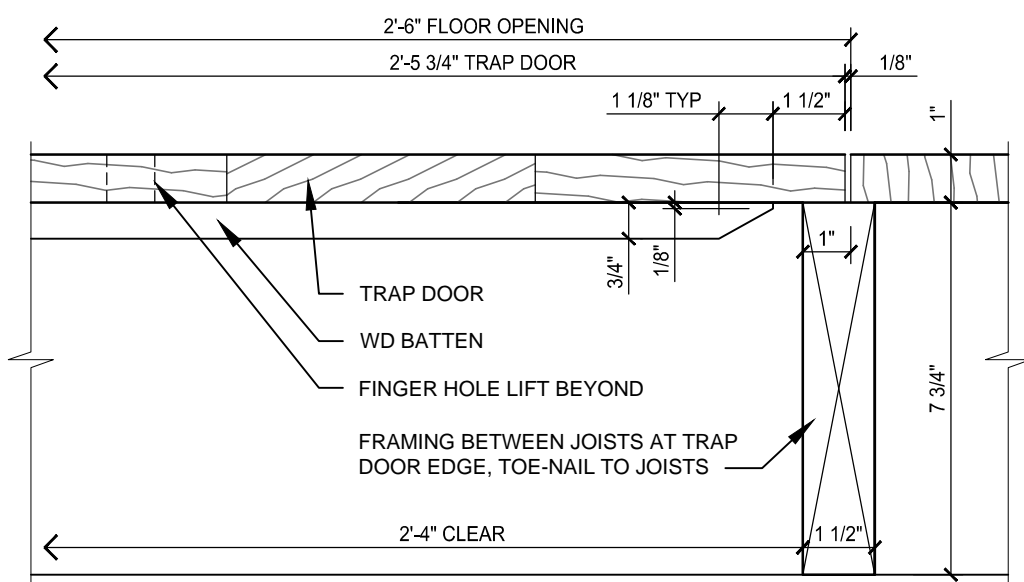
3 CORNER JOINERY
A-2 Scale: 1 1/2" = 1'-0"



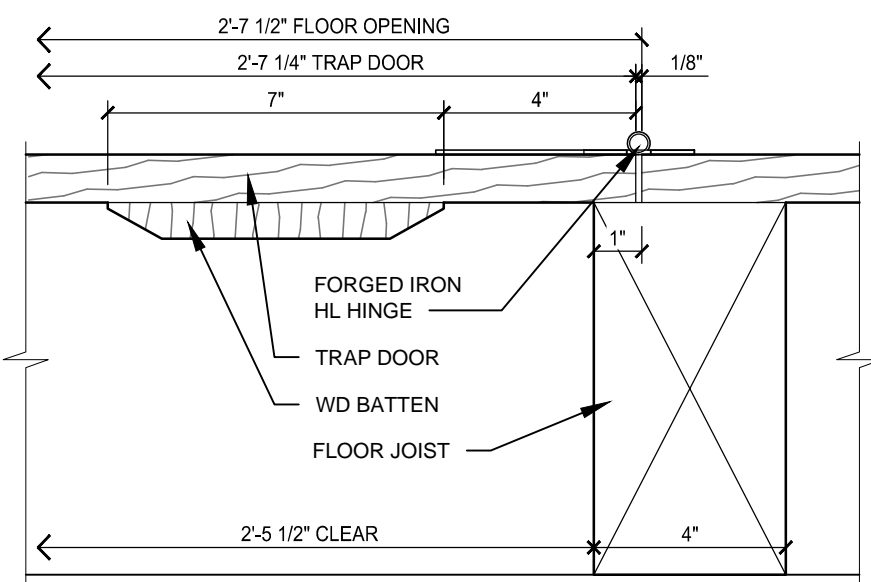
4 LOG PLANK WALL CONSTRUCTION
A-2 Scale: 1 1/2" = 1'-0"



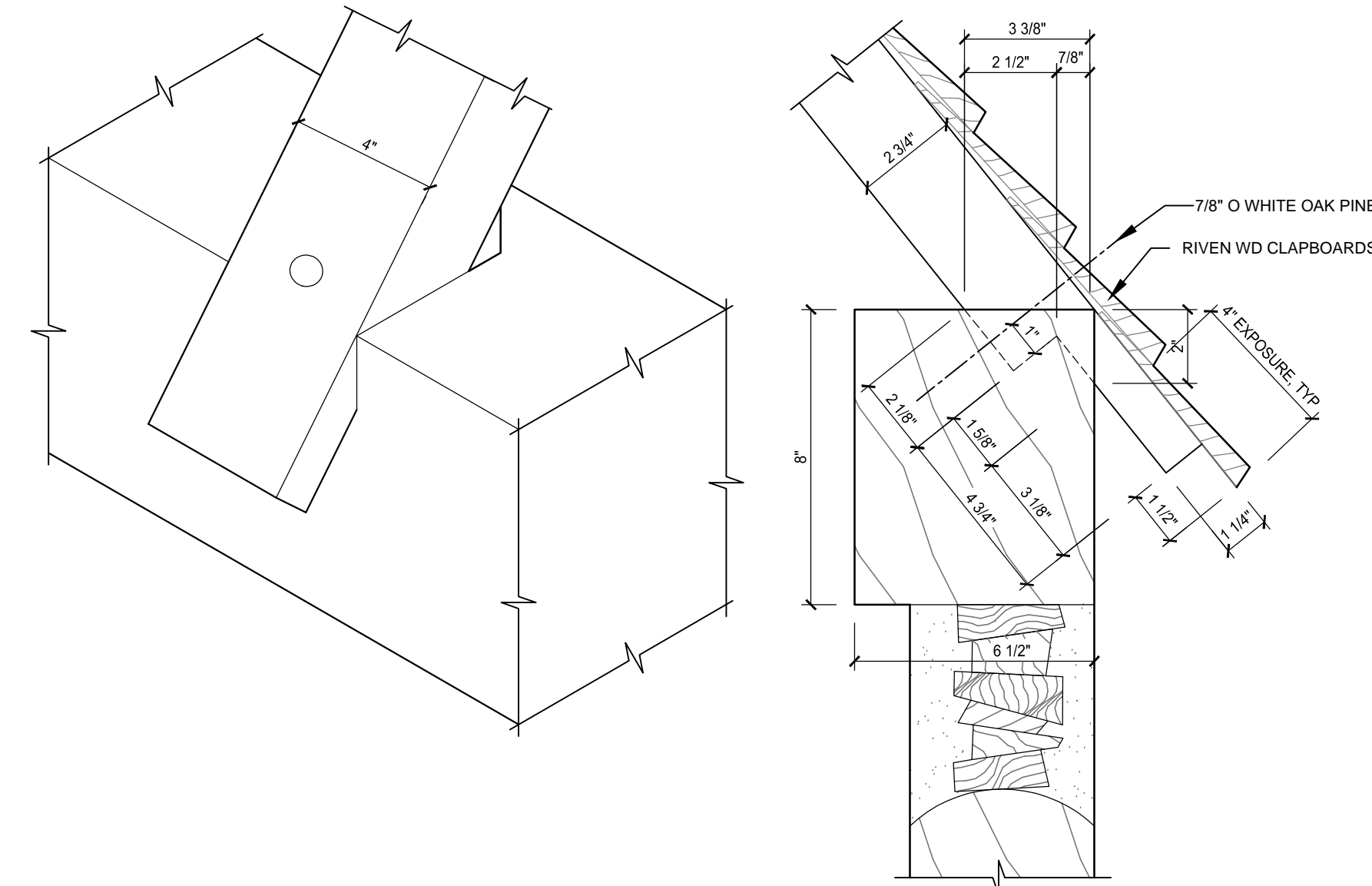
5 RAFTER DETAIL AT RIDGE
A-2 Scale: 3" = 1'-0"



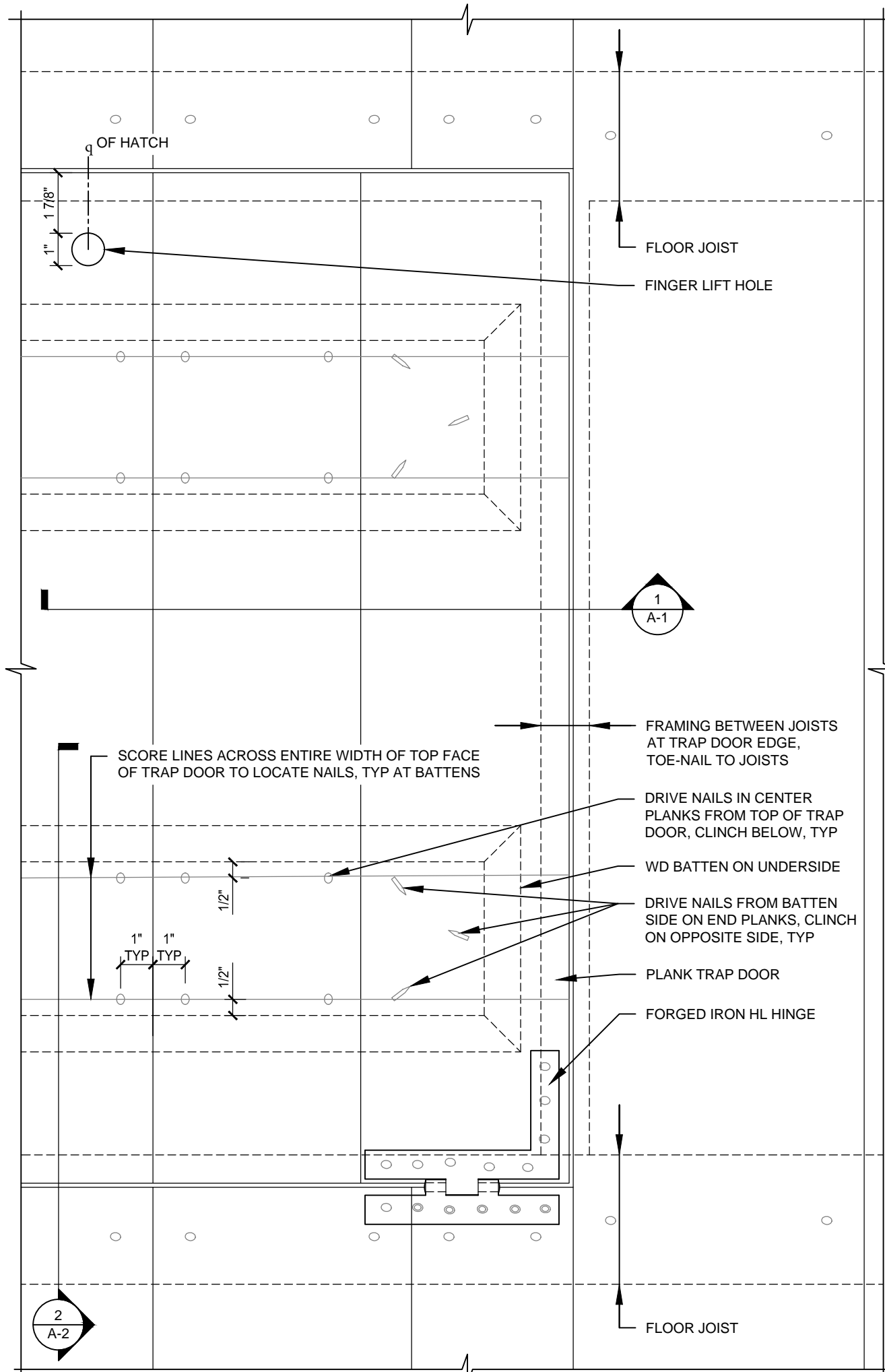
1 TRAP DOOR SECTION DETAIL
A-2 Scale: 3" = 1'-0"



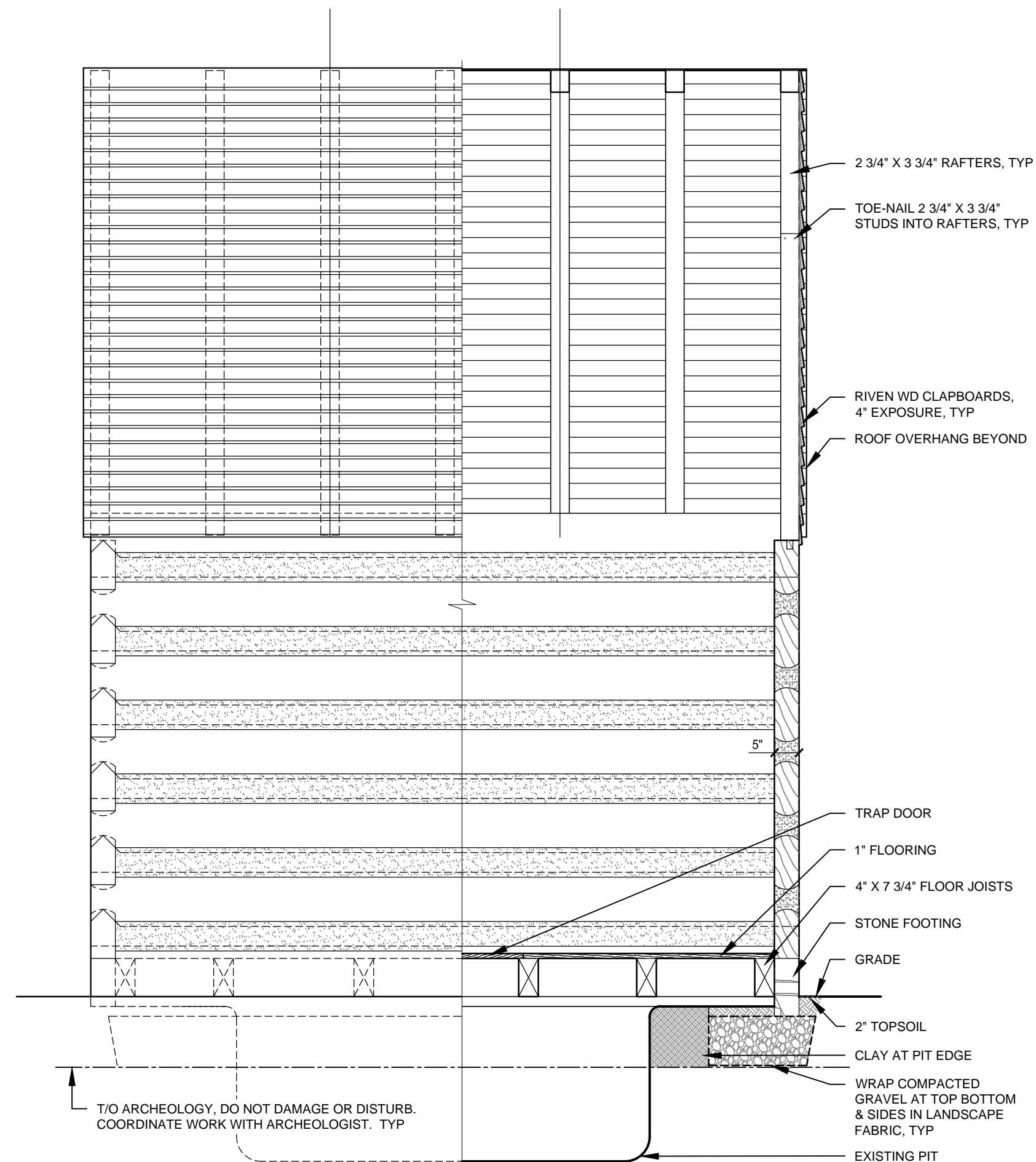
2 TRAP DOOR SECTION DETAIL
A-2 Scale: 3" = 1'-0"



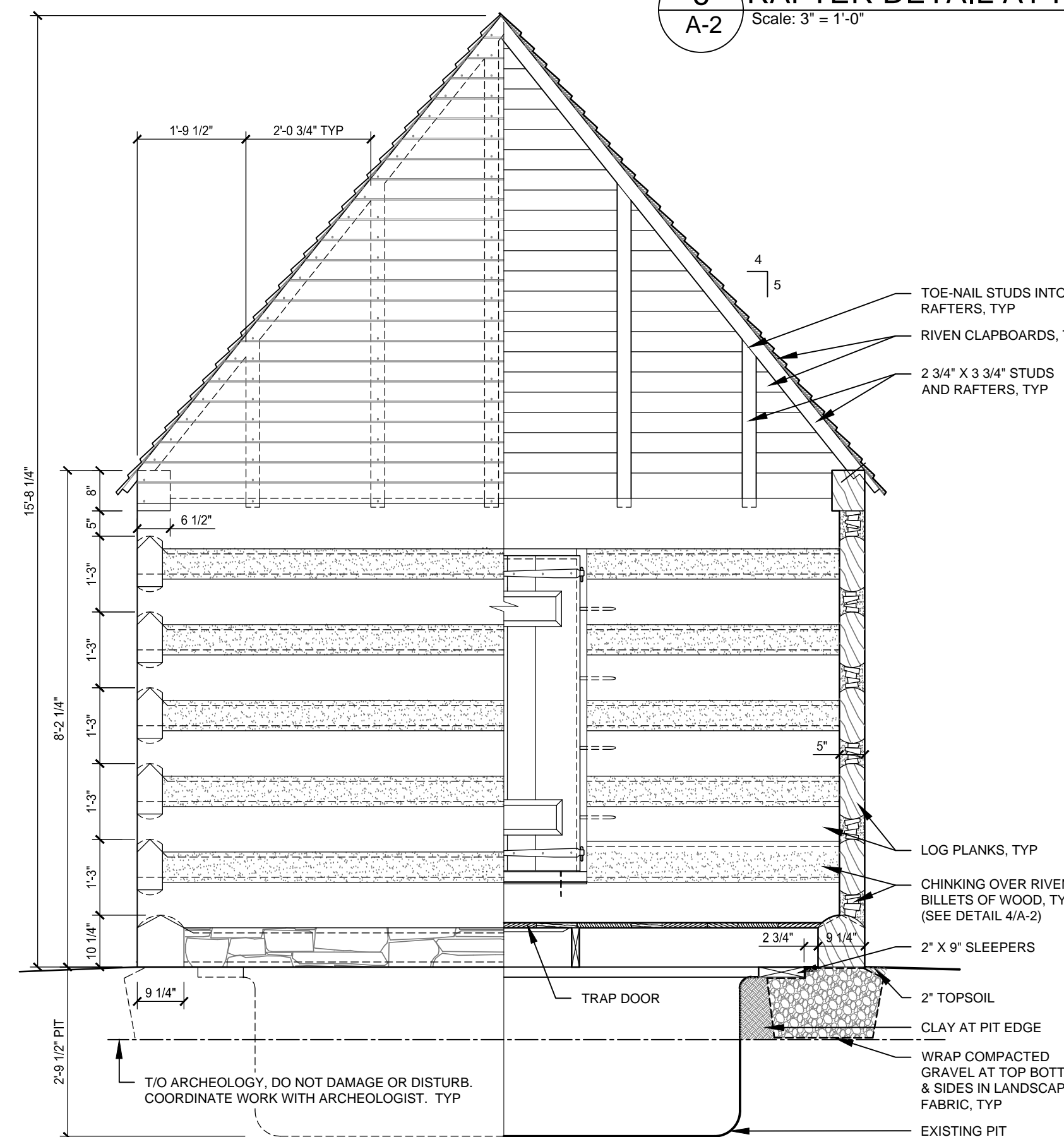
6 RAFTER DETAIL AT PLATE
A-2 Scale: 3" = 1'-0"



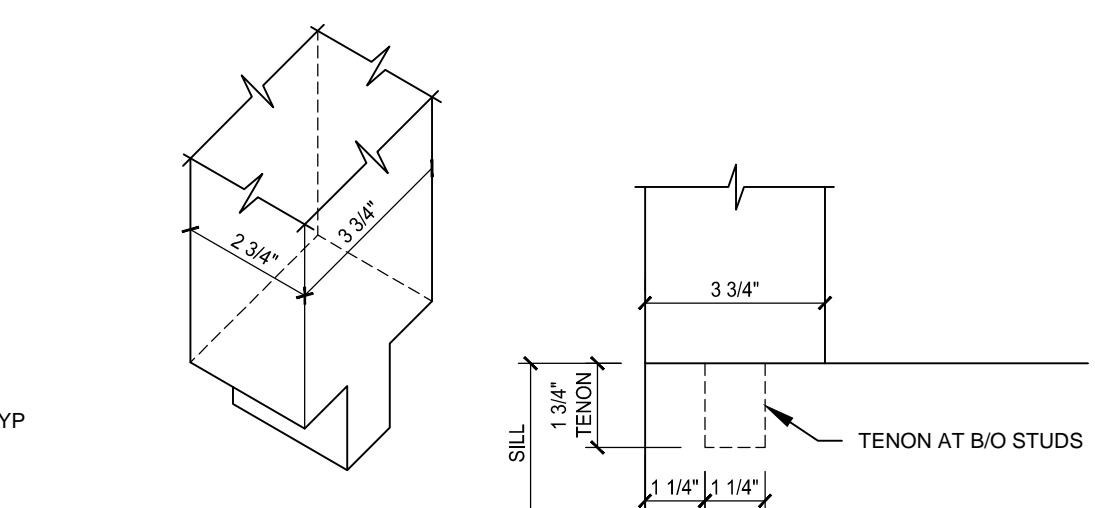
7 TRAP DOOR PLAN DETAIL
A-2 Scale: 3" = 1'-0"



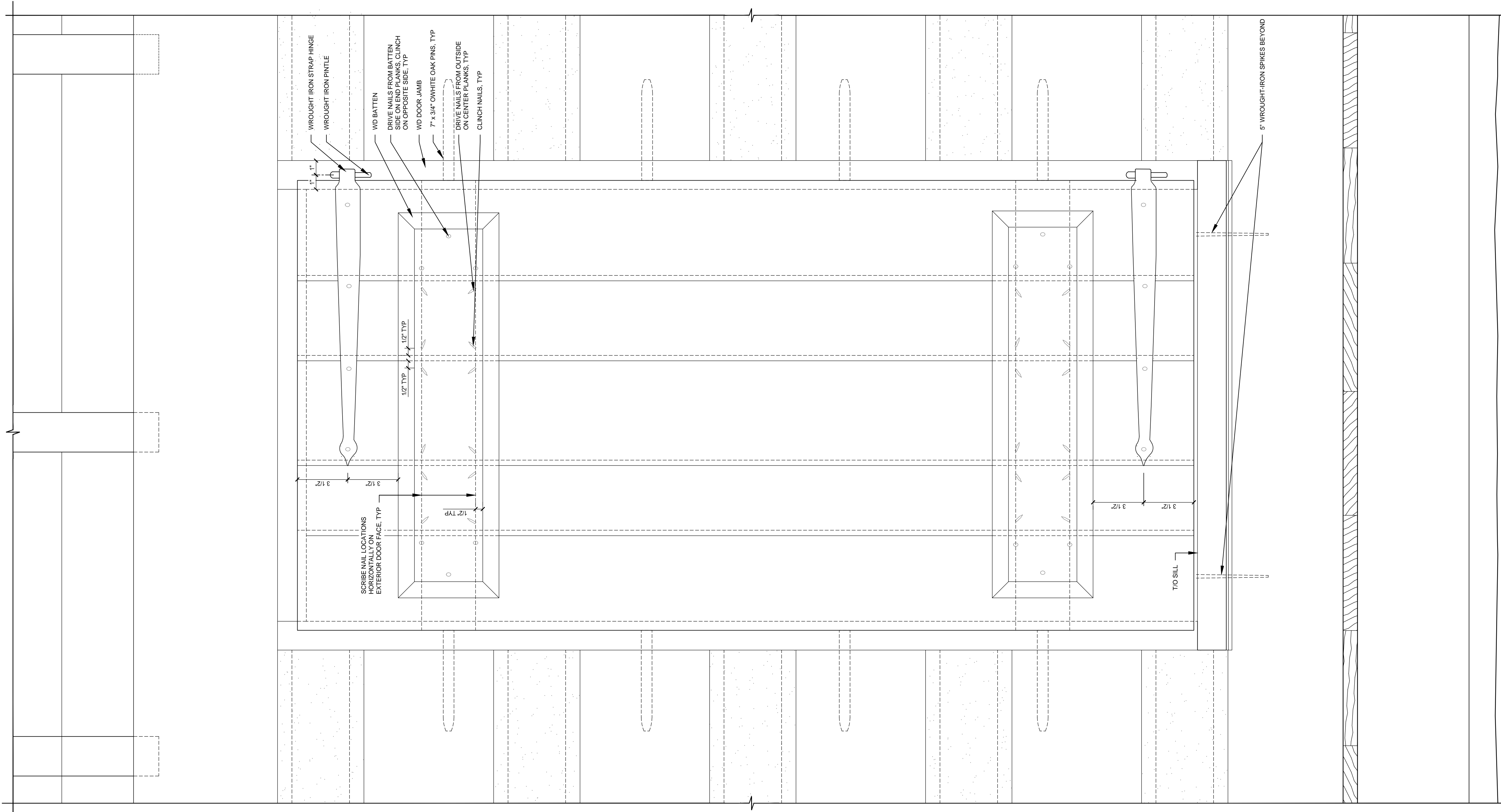
8 ELEVATION AND SECTION LOOKING NORTH
A-2 Scale: 1/2" = 1'-0"



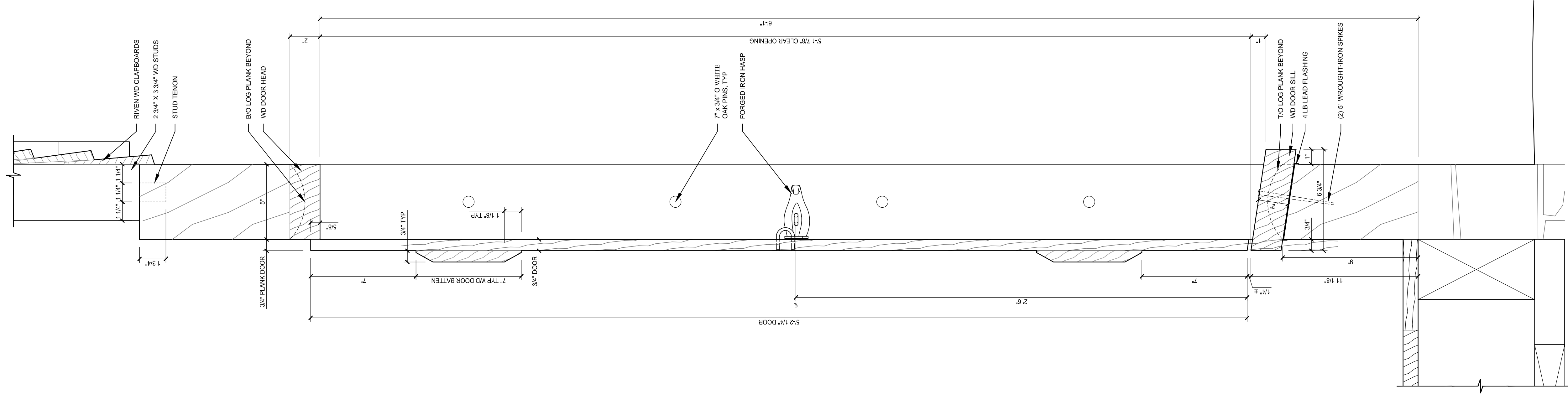
9 ELEVATION AND SECTION LOOKING WEST
A-2 Scale: 1/2" = 1'-0"



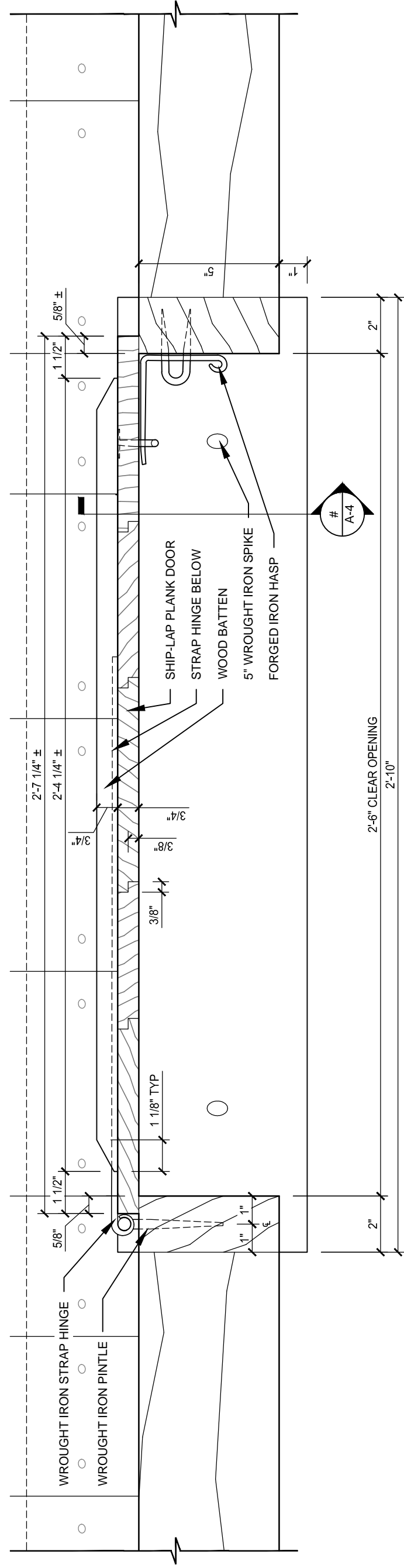
10 JOINERY AT BOTTOM OF GABLE STUDS
A-2 Scale: 3" = 1'-0"



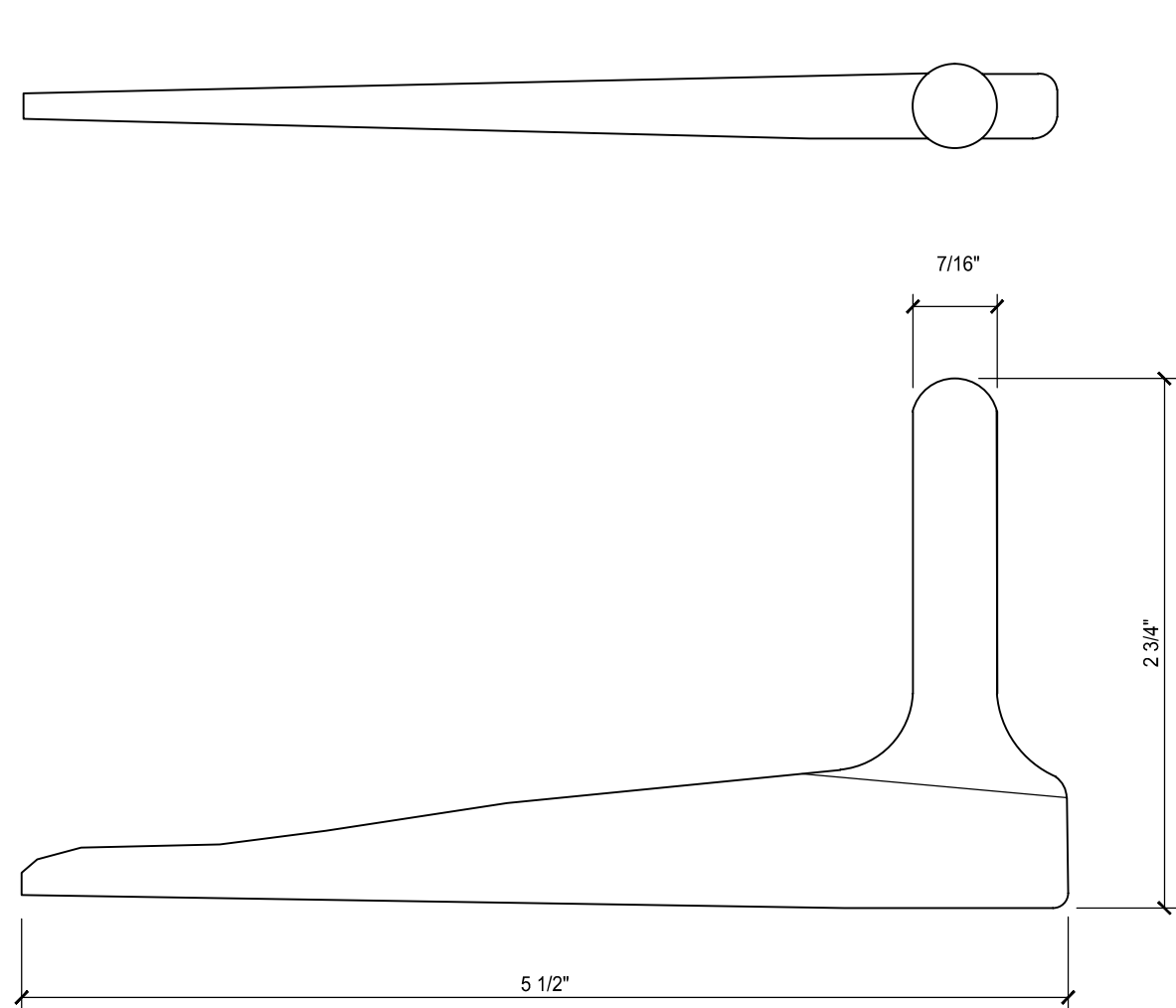
1 DOOR INTERIOR ELEVATION
A-3 Scale: 3" = 1'-0"



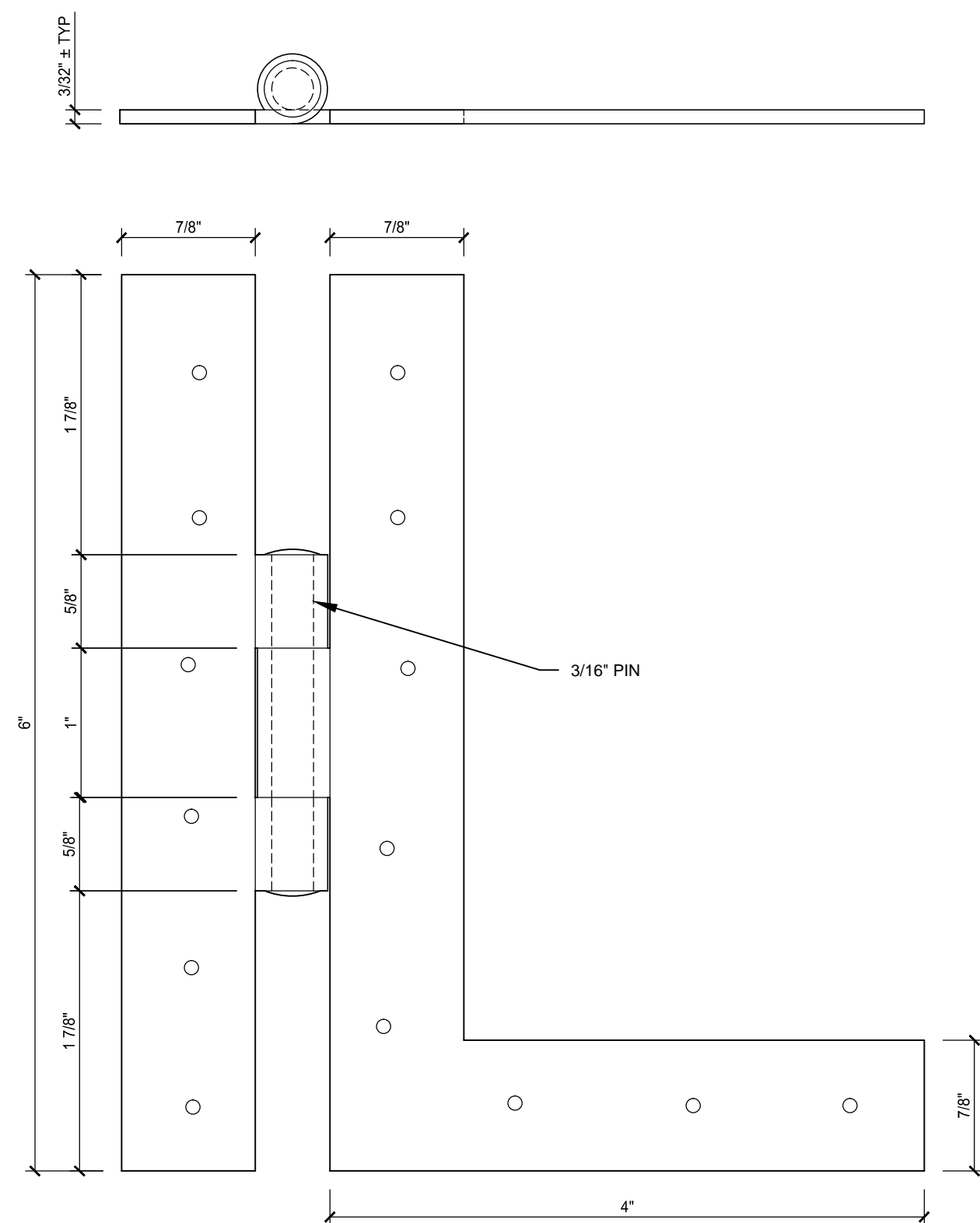
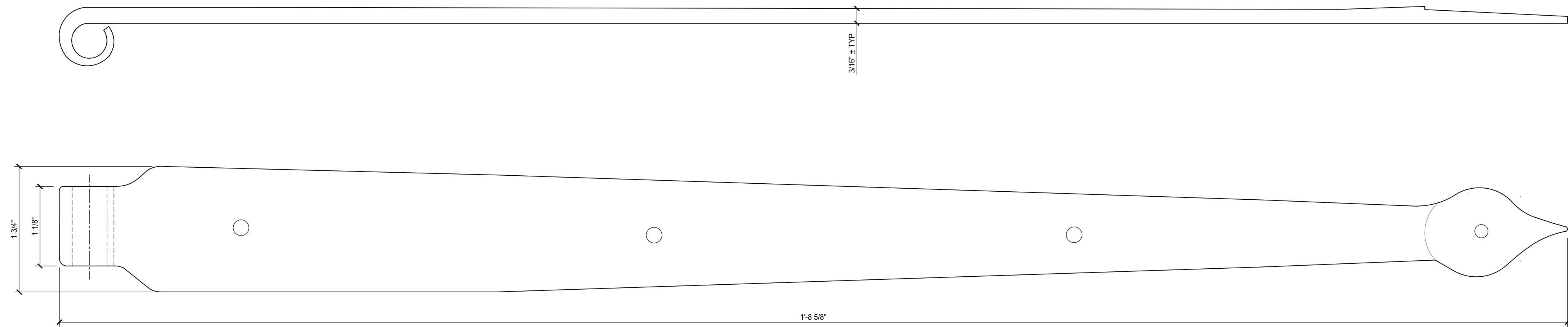
2 DOOR SECTION
A-3 Scale: 3" = 1'-0"



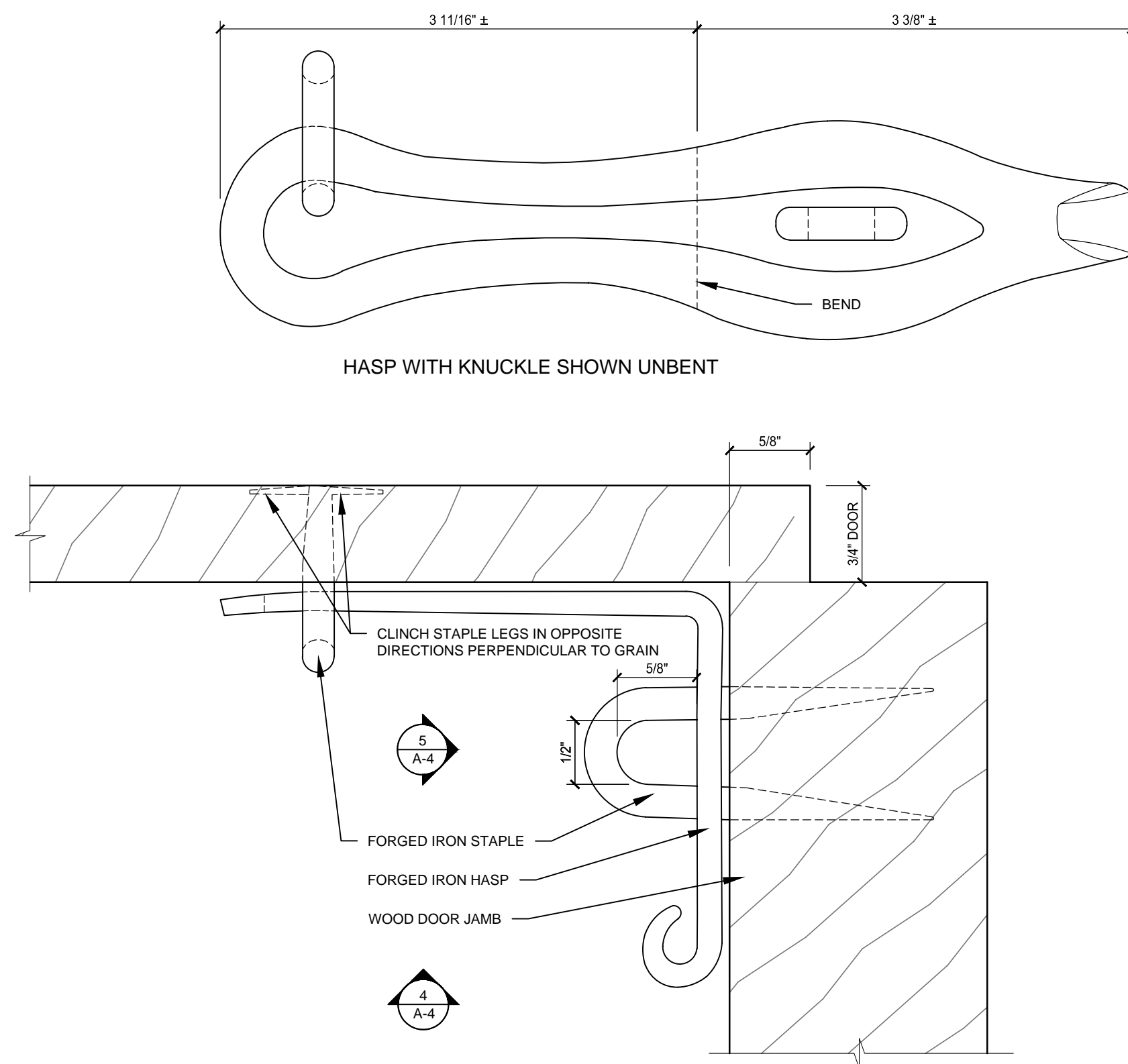
3 DOOR PLAN DETAIL
A-3 Scale: 3" = 1'-0"



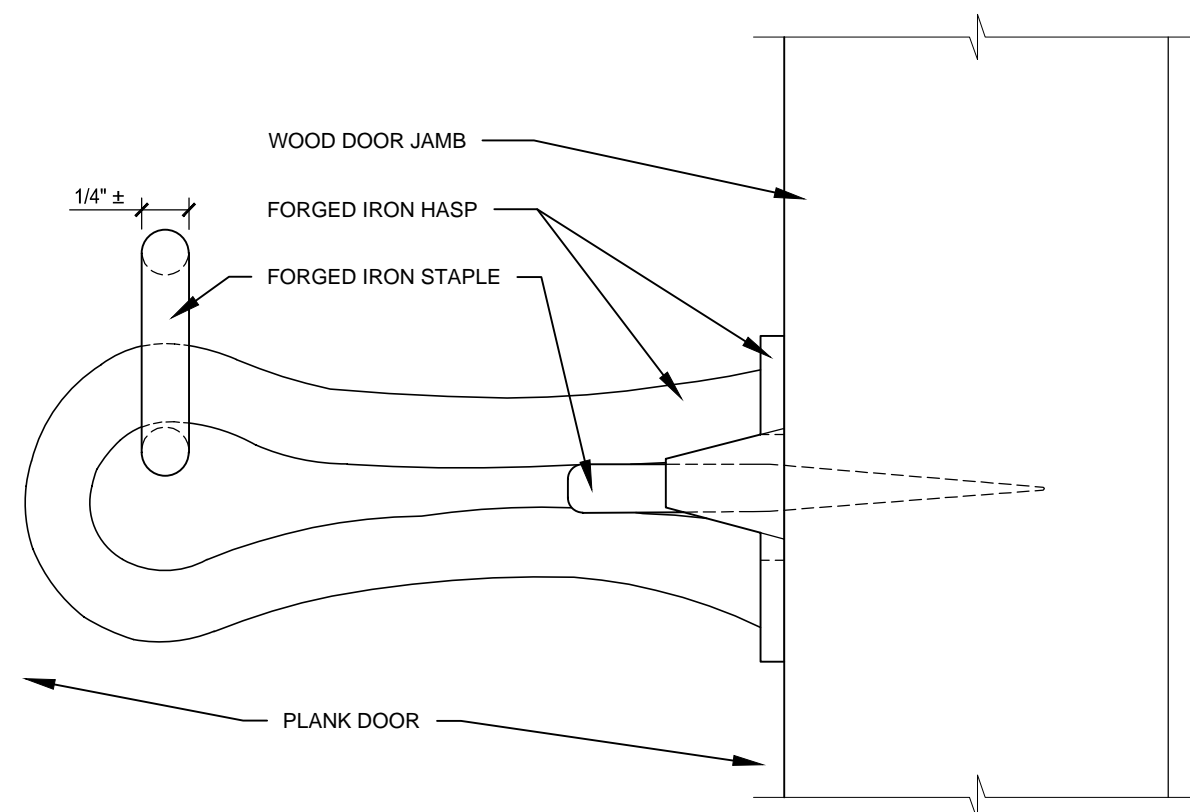
1 FORGED IRON STRAP HINGE AND PINTLE
A-4 Scale: 1'-0" = 1'-0"



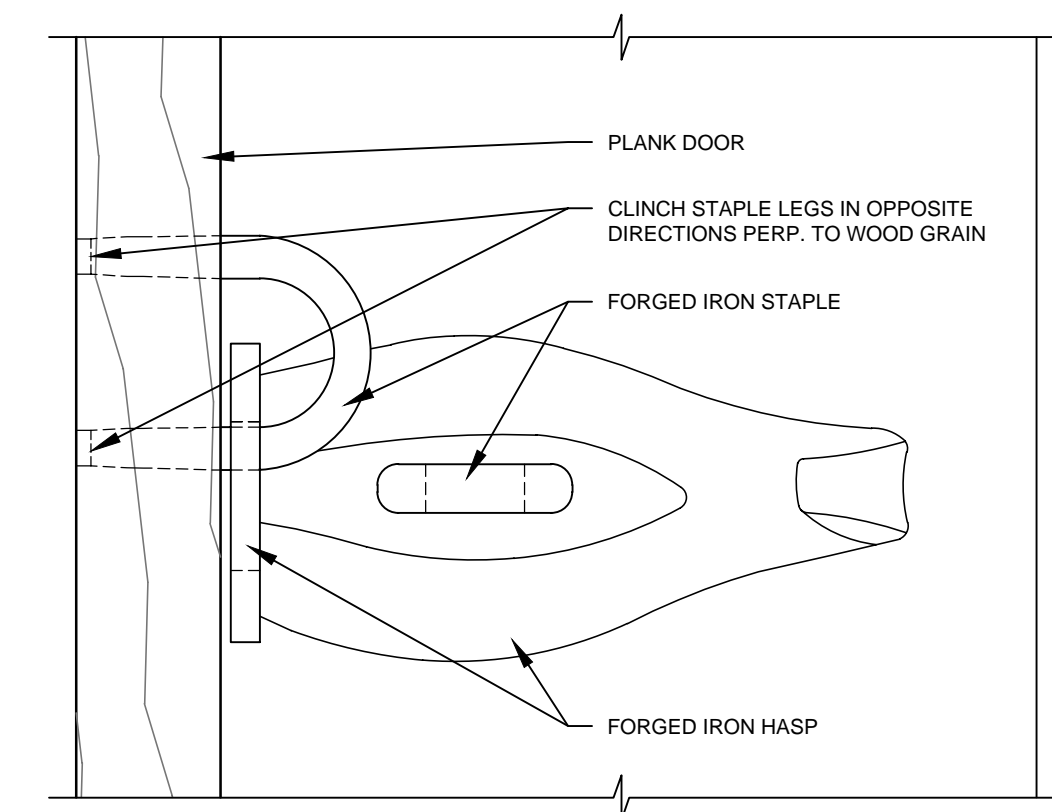
2 FORGED IRON TRAP DOOR H L HINGE
A-4 Scale: 1'-0" = 1'-0"



3 FORGED IRON HASP PLAN
A-4 Scale: 1'-0" = 1'-0"



4 FORGED IRON DOOR HASP ELEVATION
A-4 Scale: 1'-0" = 1'-0"



5 FORGED IRON DOOR HASP ELEVATION
A-4 Scale: 1'-0" = 1'-0"

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GENERAL NOTES

- COORDINATE LOCATION OF ALL NEW CONSTRUCTION WITH GEORGE WASHINGTON FOUNDATION ARCHEOLOGIST.
- THE BUILDING IS BEING CONSTRUCTED OVER ARCHEOLOGICAL REMAINS. DO NOT DISTURB OR DAMAGE UNDERLYING ARCHEOLOGY. ALL NEW CONSTRUCTION SHALL BE LOCATED ABOVE THE DEPTH OF EXISTING ARCHEOLOGY.
- VERIFY ALL DIMENSIONS IN FIELD.

STONE FOUNDATION NOTES

- STONE FOUNDATION WALLS AND OTHER WALLS ADJOINING THE STORAGE PIT TO BE CONSTRUCTED OF DRY-LAID AQUIA SANDSTONE RUBBLE.
- LEVEL TOP OF STONE FOUNDATION TO PROVIDE FLAT BEARING FOR TIMBER SILL.
- RUBBLE FOUNDATION WALLS TO BE BUILT ON COMPACTED BASE OF CRUSHED STONE HELD AT HIGH ENOUGH ELEVATION TO AVOID IMPINGING ON THE ARCHAEOLOGICAL SURFACE BELOW.

LOG PLANK WALL CONSTRUCTION NOTES

- LOG PLANKS: WHITE OAK (*QUERCUS ALBA*). PROVIDE LOG PLANKS WITH 35 PERCENT MAXIMUM MOISTURE CONTENT AT TIME OF DRESSING MEASURED WITHIN THE OUTER 2" to 3" OF THE WOOD. TIMBER SHALL HAVE AN AVERAGE OF 10 ANNUAL RINGS PER INCH. ONLY STRAIGHT LOGS WILL BE ALLOWED.
- ALL LOGS SHALL BE PREPARED WITH AX AND BROADAX, SAWING THE JOINTS, AND MAINTAINING THE OVERALL HEIGHT OF THE LOG PEN.
- REMOVE BARK FROM LOGS, BUT DO NOT PLANE SMOOTH.
- LOG PLANK SIZES ARE ACTUAL DIMENSIONS AT TIME OF FABRICATION. PLANE, ADZE, OR OTHERWISE DRESS LOGS TO SQUARE, UNIFORM DIMENSIONS AT JOINERY LOCATIONS. DRESSED DIMENSIONS SHALL NOT BE UNDER THE SIZE INDICATED IN THE DRAWINGS.
- CUT JOINTS ACCURATELY TO MAKE A NEAT, SNUG FIT.
- MODERN LAYOUT MARKS AND IDENTIFICATION MARKS SHALL NOT BE VISIBLE ON COMPLETED WALLS.
- WOOD PRESERVATIVES: WHERE FRAMING MEMBERS ARE TO BE PRESERVATIVE TREATED, APPLY A FIELD-TREATMENT PRESERVATIVE TO COMPLY WITH AWPA M4. USE INORGANIC BORON (SBX) TREATMENT FOR MEMBERS NOT IN CONTACT WITH THE GROUND AND CONTINUOUSLY PROTECTED FROM LIQUID WATER. USE COPPER NAPHTHENATE TREATMENT FOR MEMBERS IN CONTACT WITH THE GROUND OR NOT CONTINUOUSLY PROTECTED FROM LIQUID WATER. OWING TO ITS NON-HISTORIC CHARACTER, THIS TREATMENT MUST BE USED IN WHOLLY CONCEALED LOCATIONS ONLY. IN NO CASE SHOULD IT BE VISIBLE TO THE VISITING PUBLIC. THE UNDERSIDE OF THE PLANK MEMBER IN CONTACT WITH THE GROUND SHOULD BE TREATED WITH COPPER NAPHTHENATE ON THE UNDERSIDE (ONLY).
- INSTALLATION: ERECT LOG PLANK WALLS TRUE AND PLUMB. HANDLE LOG PLANKS TO PREVENT SURFACE DAMAGE DURING DELIVERY, STORAGE, AND CONSTRUCTION. INSTALL HORIZONTAL AND SLOPING MEMBERS WITH CROWN EDGE UP.
- CHINKING: MATERIALS: FILLER TO BE RIVEN BILLETS OF WHITE OAK, 3 TO 4 FEET LONG WEDGED, DRIVEN IN, AND NAILED AS REQUIRED. CHINK WITH CLAY, SAND, AND QUICK LIME IN A PROPORTION OF 1:1:1.

TIMBER FRAME NOTES

- TIMBER FOR FRAME: WHITE OAK (*QUERCUS ALBA*). GRADES: SELECT STRUCTURAL GRADE WHERE VISIBLE. NO. 2 GRADE FOR MEMBERS HIDDEN IN THE COMPLETED STRUCTURE. PROVIDE TIMBER WITH 35 PERCENT MAXIMUM MOISTURE CONTENT AT TIME OF DRESSING MEASURED WITHIN THE OUTER 2" TO 3" OF THE WOOD. TIMBER SHALL HAVE AN AVERAGE OF 10 ANNUAL RINGS PER INCH. NO FINGER JOINTING SHALL BE ALLOWED.
- TIMBER SIZES ARE ACTUAL DIMENSIONS AT TIME OF FABRICATION. PIT-SAW OR ADZE TIMBER TO SQUARE, UNIFORM DIMENSIONS AT JOINERY LOCATIONS. DRESSED DIMENSIONS SHALL NOT BE UNDER THE SIZE INDICATED IN THE DRAWINGS.
- WANey EDGES ARE PERMITTED PROVIDED THEY DO NOT EXCEED 1/10 OF A FACE. REMOVE BARK, BUT DO NOT PLANE OR SMOOTH WANey EDGE.
- TIMBERS WITH MODERATE BOW ARE PERMITTED WHERE THEIR INTENDED USE WILL STRAIGHTEN THEM. PLACE CROWNS UP FOR SPANNING MEMBERS. DO NOT USE SEVERELY BOWED TIMBERS OR TIMBERS BOWED IN MORE THAN ONE DIRECTION.
- MORTISE AND TENON JOINTS: CUT MORTISE AND TENON JOINTS SO THERE IS 1/4-INCH-MINIMUM CLEARANCE BETWEEN TENDON END AND MORTISE BOTTOM TO ALLOW FOR SHRINKAGE. CUT 1/4-INCH CHAMFERS ON TENONS ON END GRAIN EDGES. CUT JOINTS ACCURATELY TO MAKE A NEAT, SNUG FIT. DRILL PEG HOLES TO PRODUCE A TIGHT FIT AT FINAL ASSEMBLY. WHEN THEIR LOCATION IS NOT INDICATED IN DRAWINGS, LOCATE CENTER LINE OF HOLE 2 INCHES FROM FACE OF MORTISE. OFFSET PEG HOLES ON TENON FROM THOSE IN MORTISE, OR DRAWBORE, SO THAT JOINT WILL BE DRAWN TIGHTLY TOGETHER, OR DRAWPINNED. OFFSET WILL BE 1/8-INCH FOR SOFT WOOD TIMBERS, AND 3/32-INCH FOR HARDWOOD TIMBERS. SAW OFF PEGS PROTRUDING ON EXTERIOR OF FRAME. LEAVE INTERIOR PEGS PROTRUDING. CUT OFF PEGS WITH MUSHROOMED HEADS BELOW DAMAGED AREA.]
- SCRAPE OR DRESS EXPOSED SURFACES OF TIMBERS TO REMOVE MACHINERY MARKS.
- MODERN LAYOUT MARKS AND MODERN IDENTIFICATION MARKS SHALL NOT BE VISIBLE ON COMPLETED FRAME.
- WOOD PEGS USED AS FASTENERS IN CONNECTIONS TO BE SHAPED BY HAND FROM CLEAR, STRAIGHT-GRAIN WHITE OAK (*QUERCUS ALBA*) SUCH THAT THE RESULTING POLYGONAL PEG HAS A SLOPE OF GRAIN NOT GREATER THAN 1:15. WOOD PEGS SHALL BE POLYGONAL IN CROSS SECTION (MINIMUM 6 SIDES).
- WOOD PRESERVATIVES: WHERE FRAMING MEMBERS ARE TO BE PRESERVATIVE TREATED, APPLY A FIELD-TREATMENT PRESERVATIVE TO COMPLY WITH AWPA M4. USE INORGANIC BORON (SBX) TREATMENT FOR MEMBERS NOT IN CONTACT WITH THE GROUND AND CONTINUOUSLY PROTECTED FROM LIQUID WATER. USE COPPER NAPHTHENATE TREATMENT FOR MEMBERS IN CONTACT WITH THE GROUND OR NO CONTINUOUSLY PROTECTED FROM LIQUID WATER. THIS TREATMENT MUST BE USED IN WHOLLY CONCEALED LOCATIONS ONLY. IN NO CASE SHOULD IT BE VISIBLE TO THE VISITING PUBLIC. COPPER NAPHTHENATE TREATMENT SHALL BE APPLIED TO THE SLEEPERS SUPPORTING THE FLOOR JOISTS, THE FLOOR JOISTS, AND THE TRIMMERS AT THE TRAP DOOR. **DO NOT** TREAT THE VISIBLE SURFACE OF THE JOISTS AND TRIMMERS IN THE TRAP DOOR OPENING.
- ERECT TIMBER FRAME TRUE AND PLUMB. HANDLE TIMBER FRAME COMPONENTS TO PREVENT SURFACE DAMAGE, COMPRESSION, AND OTHER EFFECTS THAT MIGHT INTERFERE WITH INDICATED FINISH. INSTALL HORIZONTAL AND SLOPING MEMBERS WITH CROWN EDGE UP.
- CUTTING: AVOID EXTRA CUTTING AFTER FABRICATION. WHERE FIELD FITTING IS UNAVOIDABLE, COMPLY WITH FINISH AND PRESERVATIVE TREATMENT REQUIREMENTS FOR SHOP FABRICATION.
- NAILS: USE HAND-FORGED ROSE HEAD NAILS OF WROUGHT IRON (NOT "PURE IRON", NOT MILD STEEL) WHERE VISIBLE IN FINISHED CONSTRUCTION. USE STAINLESS STEEL FASTENERS WHERE HIDDEN IN FINISHED CONSTRUCTION.

MILLWORK NOTES

- FLOORING: LONGLEAF SOUTHERN YELLOW PINE(*PINUS PALUSTRIS*), 5-8 INCH WIDTHS, WITH NO SAP WOOD OR SPIKE KNOTS, HAVING AT LEAST 10 ANNUAL RINGS PER INCH. NO FINGER-JOINTING SHALL BE ALLOWED. MOISTURE CONTENT NOT TO EXCEED 19% AT TIME OF DRESSING.
- DOOR, DOOR FRAME: AS ABOVE IN NOTE 1, EXCEPT MOISTURE CONTENT SHALL BE LESS THAN 23% AT TIME OF DRESSING.
- LUMBER SIZES ARE ACTUAL DIMENSIONS AT TIME OF FABRICATION. PLANE, ADZE, OR OTHERWISE DRESS TIMBER TO SQUARE, UNIFORM DIMENSIONS. DRESSED DIMENSIONS SHALL NOT BE UNDER THE SIZE INDICATED IN THE DRAWINGS.
- SCRAPE OR DRESS EXPOSED SURFACES OF LUMBER TO REMOVE MACHINERY MARKS.
- LAYOUT MARKS AND IDENTIFICATION MARKS SHALL NOT BE VISIBLE ON COMPLETED MILLWORK.
- INSTALLATION: INSTALL MILLWORK TRUE AND PLUMB. HANDLE MILLWORK TO PREVENT SURFACE DAMAGE, COMPRESSION, AND OTHER EFFECTS THAT MIGHT INTERFERE WITH INDICATED FINISH.
- CUTTING: AVOID EXTRA CUTTING AFTER FABRICATION. WHERE FIELD FITTING IS UNAVOIDABLE, COMPLY WITH FINISH AND PRESERVATIVE TREATMENT REQUIREMENTS FOR SHOP FABRICATION.
- NAILS: USE HAND-FORGED ROSE HEAD NAILS OF WROUGHT IRON (NOT "PURE IRON", NOT MILD STEEL) WHERE VISIBLE IN FINISHED CONSTRUCTION. USE STAINLESS STEEL FASTENERS WHERE HIDDEN IN FINISHED CONSTRUCTION.

ROOFING, SIDING AND FLASHING NOTES

- SIDING AND ROOFING: WHITE OAK (*QUERCUS ALBA*) RIVEN CLAPBOARDS. ALL MATERIAL SHALL BE STRAIGHT, 100% EDGE GRAIN WITH NO KNOTS AND NO SAPWOOD. MOISTURE CONTENT: 17 PERCENT MAXIMUM. WOOD SHALL HAVE A MINIMUM OF 10 ANNUAL RINGS PER INCH. NO FINGER JOINTING SHALL BE ALLOWED.
- NAILS: USE HAND-FORGED ROSE HEAD NAILS OF WROUGHT IRON (NOT "PURE IRON", NOT MILD STEEL) WHERE VISIBLE IN FINISHED CONSTRUCTION. USE STAINLESS STEEL FASTENERS WHERE HIDDEN IN FINISHED CONSTRUCTION.
- INSTALLATION: INSTALL CLAPBOARDS TRUE AND PLUMB.

EXTERIOR WEATHER RESISTANT FINISH NOTES

- CLAPBOARD SIDING AND CLAPBOARD ROOFING: APPLY TWO COATS OF TAR (PINE TAR TURPENTINE AND SPANISH BROWN PIGMENT).
- TAR SHALL BE APPLIED HOT, BUT NOT BOILING.
- APPLY ONE ADDITIONAL COAT AFTER SIX MONTHS, AND ANOTHER AFTER ONE YEAR.

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