

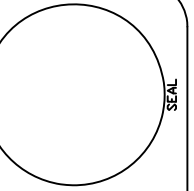




PROJECT LOCATION



# WOODBURY COUNTY, IOWA



**IOWA DEPARTMENT OF  
NATURAL RESOURCES**  
ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034  
P: 515.725.8200  
F: 515.725.8202



**D1FY19-3 LODGE & SHELTER REPAIR  
STONE STATE PARK**  
5001 TALBOT ROAD  
SIOUX CITY, IA

DRAWN BY:	PROJECT NUMBER:
CHK'D BY:	DATE:
SHEET No:	

**A-002**



# KEYNOTES

1. 6" THICK, SMOOTH MONOLITHIC, GRAY INDIANA LIMESTONE CAP. DIMENSIONS AND SHAPE AS SHOWN.
2. 1/2" DIAMETER X 4" LONG, STAINLESS STEEL DOWEL PIN. EPOXY DOWELS IN STONE/CONCRETE.
3. EXISTING CHIMNEY TO REMAIN.
4. 60 MIL, RUBBER BUTYL MEMBRANE OVER CHIMNEY TOP.
5. 16 OZ. COPPER FLASHING WITH HEMMED DRIP-EDGE AS SHOWN.
6. 3/4" MORTAR BED, CONCAVE JOINT. MORTAR TO BE ASTM C270, TYPE "N", COLOR TO BE WHITE.
7. 14" X 17" RECTANGULAR CONCRETE FOOTING, 48" DEPTH BELOW GRADE WITH 2" ABOVE GRADE TO MEET PLINTH BLOCK DIMENSIONS AS SHOWN.
8. EXISTING CONCRETE SLAB TO REMAIN.
9. 1/2" EXPANSION MATERIAL WITH SELF-LEVELING POLYURETHANE SEALANT, GRAY.
10. 14"W X 17"D X 12"TALL SIOUX QUARTZITE, SPLIT-FACE, PLINTH BLOCK. TWO (2) HOLES BY STONE MANUFACTURER TO ALIGN WITH ANCHOR BOLTS AS SHOWN, FIELD VERIFY FOR ACCURATE INSTALL.
11. EXISTING SHELTER TIMBER, CUT BOTTOM EDGE OFF (FIELD VERIFY LENGTH OF CUT TO MATCH PLINTH HEIGHT). PLACE ON STEEL BRACKET, BOLT TO BRACKET AS SHOWN.
12. EXISTING WALL TO BE SELECTIVELY DEMOLISHED AND REBUILT AS SHOWN, WALL TYPE #1.
13. 1 1/2" CLEAN SIOUX QUARTZITE LANDSCAPING ROCK OVER TWO (2) LAYERS OF FILTER FABRIC, SPREAD 2" DEEP IN AREA SHOWN. EXCAVATE AREA PRIOR TO ADDING ROCK.
14. 3/4" STAINLESS ANCHOR BOLT. EMBED INTO FOOTING 18", ATTACHED COLUMN PLATE TO BOLT.
15. 3/8" GRADE A36 STEEL COLUMN BRACKET, EPOXY PAINT BLACK.
16. 1/2" STAINLESS HEX-HEAD CARRIAGE BOLT WITH STAINLESS NUT AND LOCK WASHER.
17. REPLACE EXISTING ROUGH SAWN LAP SIDING, MATCH EXISTING DIMENSIONS. STAIN ALL WOOD TO MATCH.
18. REMOVE EXISTING SIDING, REPLACE SILL PLATE AS SHOWN AS WALL TYPES #1. SALVAGE ALL WOOD, REUSE BATTEN BOARDS WHICH ARE IN GOOD CONDITION (CONSULT WITH DNR INSPECTOR), INSTALL NEW 1/2" SHEATHING, BUILDING WRAP VERTICAL BOARD WOOD SIDING, AND ROUGH SAWN BATTENS TO MATCH EXISTING PATTERN. SIDING TO BE 1/2" ROUGH-SAWN WHITE OAK BOARDS TO MATCH EXISTING DIMENSIONS AND PATTERN. STAIN TWO (2) COATS AS INDICATED ON GENERAL NOTES.
19. REMOVE EXISTING TOP CAP AND STEPPED STONE ON CHIMNEY, CLEAN AND PREP FOR NEW STONE CAP, 01 & 02/A-004.
20. REMOVE ENTIRE CEILING AREA, REMOVE FINISH AND STAINING TO RAW WOOD, SEAL WITH TWO (2) COATS OF POLYURETHANE TO MATCH ADJACENT WOOD AND REINSTALL.
21. REMOVE DOOR, RIP BOTTOM 2" OFF DOOR, ATTACH 2" X DEPTH OF DOOR X WIDTH OF DOOR, BLACK HDPE ON BOTTOM OF DOOR WITH 1/2"x4" STAINLESS STEEL, COUNTER-SUNK SCREWS.
22. STRIP DOOR OF PAINT AND FINISH, CLEAN AND PREP. PAINT TO MATCH NEW SIDING.
23. SAND BLAST ALL METAL DOOR HARDWARE, EPOXY PAINT TWO (2) COATS BLACK.
24. EXISTING WINDOWS AND SILLS TO REMAIN, STRIP, CLEAN, AND PREP FOR NEW PAINT TO MATCH NEW SIDING.
25. EXISTING DOOR TO REMAIN.
26. EXISTING ELECTRICAL TO REMAIN.
27. REMOVE EXISTING TRIM, REPLACE WITH 1/2" ROUGH-SAWN WHITE OAK TRIM BOARDS TO MATCH.
28. CLEAN ALL MASONRY WITH NON-IONIC DETERGENT, LOW-PRESSURE WASH, AND NATURAL BRISTLE BRUSH.
29. THOROUGHLY CLEAN ALL EXISTING WOOD AND STAIN/SEAL WITH TWO (2) COATS AS DETERMINED ON GENERAL NOTES.
30. REMOVE EXISTING BEAM, REPLACE WITH FULL SIZE 4X8 X EXISTING LENGTH, WHITE OAK BEAM, STAIN WITH TWO (2) COATS AS INDICATED ON GENERAL NOTES.
31. REPOINT ENTIRE ENTRY PORTAL, REMOVE 2X WIDTH OF EXISTING MORTAR JOINT AROUND ALL STONES AND THEN INSTALL MISSING STONES (OWNER SUPPLIED). MORTAR TO BE TYPE "N" ASTM C270 MORTAR, COLOR WHITE. CLEAN ENTIRE MONUMENT WITH NON-IONIC DETERGENT, LOW PRESSURE WATER, AND NATURAL BRISTLE BRUSH.
32. REMOVE EXISTING PORTAL LOG, WASH WITH HIGH-PRESSURE WASH AND NATURAL BRISTLE BRUSH, STAIN TWO COATS TWP 103, DARK OAK AND REINSTALL LOG.
33. REMOVE EXISTING SIDING, AS SHOWN AS WALL TYPES #2. INSTALL NEW 2X FURRING TO SIT FLUSH WITH CONCRETE SILL, 1/2" SHEATHING, BUILDING WRAP AND SIDING TO MATCH EXISTING PATTERN. SIDING TO BE 1/2" ROUGH-SAWN WHITE OAK BOARDS TO MATCH LODGE DIMENSIONS AND PATTERN. STAIN TWO (2) COATS AS INDICATED ON GENERAL NOTES.
34. REMOVE ALL WOOD ON INTERIOR OF DOOR, REMOVE FINISH AND STAINING TO RAW WOOD, SEAL WITH TWO (2) COATS OF POLYURETHANE TO MATCH ADJACENT WOOD AND REINSTALL.

# PROJECT NARRATIVE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL ITEMS WITHIN THIS NARRATIVE, THE DRAWINGS, AND PROJECT MANUAL UNLESS SPECIFICALLY NOTED OTHERWISE. CONTRACTOR SHALL HAVE EXPERIENCE ON A MINIMUM OF TEN (10) PROJECTS OF SIMILAR SCOPE AND TYPE (SUBMIT PORTFOLIO UPON BEING DECLARED APPARENT LOW BIDDER).

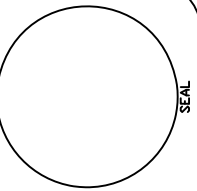
CONTRACTOR SHALL RESTORE/REPAIR THE LODGE AND CALUMET SHELTER AT STONE STATE PARK. ON THE LODGE, THE CONTRACTOR SHALL INSTALL A NEW CHIMNEY CAP ON THE NORTH CHIMNEY, REPLACE THE ENTIRE WALL SECTION ON NORTH WEST SIDE AND THE FRONT ENTRANCE OF THE BUILDING, INSTALL 2" OF ROCK ALONG THE NW SIDE AND REPLACE AND REPAIR SOME AREAS OF WOOD. CONTRACTOR SHALL THEN THOROUGHLY CLEAN THE ENTIRE BUILDING AS DIRECTED.

AT THE CALUMET SHELTER THE CONTRACTOR SHALL CUT THE COLUMNS AND PLACE THEM ON NEW PLINTH BLOCKS, REPLACE THE BEAM AT THE FIREPLACE, AND REPLACE ALL EXTERIOR WOOD SIDING ON THE ATTACHED RESTROOM AFTER FURRING OUT WALL TO BE FLUSH WITH CONCRETE FOOTING SILL. CONTRACTOR SHALL THEN THOROUGHLY CLEAN THE ENTIRE BUILDING AS DIRECTED.

AS AN ALTERNATE, THE CONTRACTOR SHALL REPOINT BOTH ENTRY PORTALS, REPLACE MISSING STONES AND CLEAN THE ENTIRE PORTAL THOROUGHLY.

# GENERAL NOTES

- A. ALL MORTAR TO BE TYPE "N" (ASTM C270).
- B. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR LIMESTONE CAPS.
- C. CONTRACTOR TO THOROUGHLY CLEAN ENTIRE EXTERIOR OF LODGE, SHELTER AND ENTRY PORTAL AFTER COMPLETION. CONTRACTOR SHALL USE NON-IONIC DETERGENT, USING LOW-PRESSURE WASHING WITH NATURAL BRISTLE BRUSHES.
- D. ALL FASTENERS AND HARDWARE TO BE STAINLESS STEEL.
- E. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS.
- F. CONTRACTOR TO RESTORE ALL FINISHES DISTURBED IN THE PROCESS OF RESTORATION.
- G. UNLESS OTHERWISE NOTED, THE FOLLOWING STAINS SHALL BE USED ON THE STRUCTURES INDICATED BELOW.  
 LODGE STAIN - SHERWIN WILLIAMS SOLID EXTERIOR ALKYD STAIN (SW3018 - SALEM RED).  
 CALUMET STAIN - SHERWIN WILLIAMS SEMI-TRANSPARENT EXTERIOR POLYURETHANE STAIN (SW3511 - CEDAR BARK).



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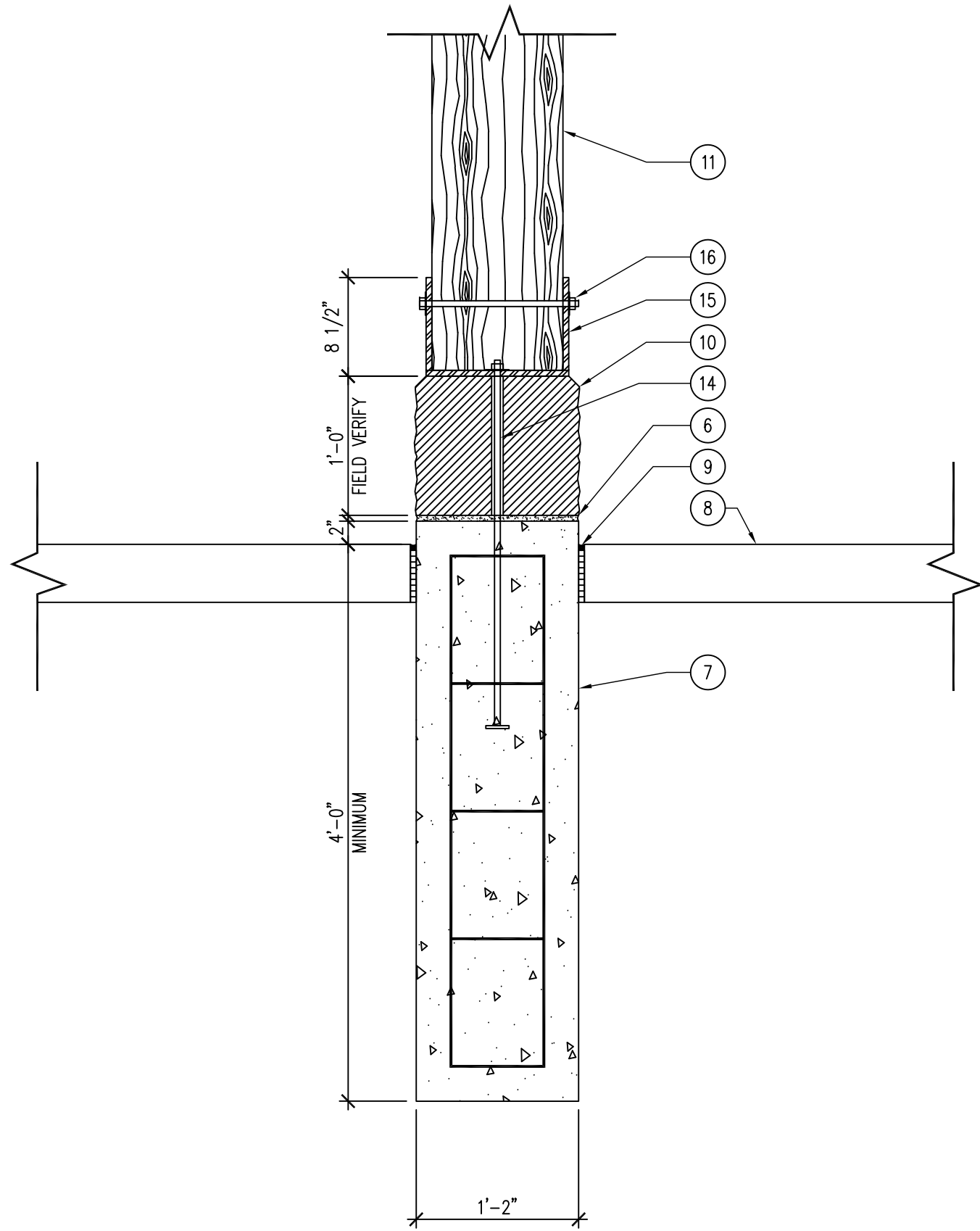
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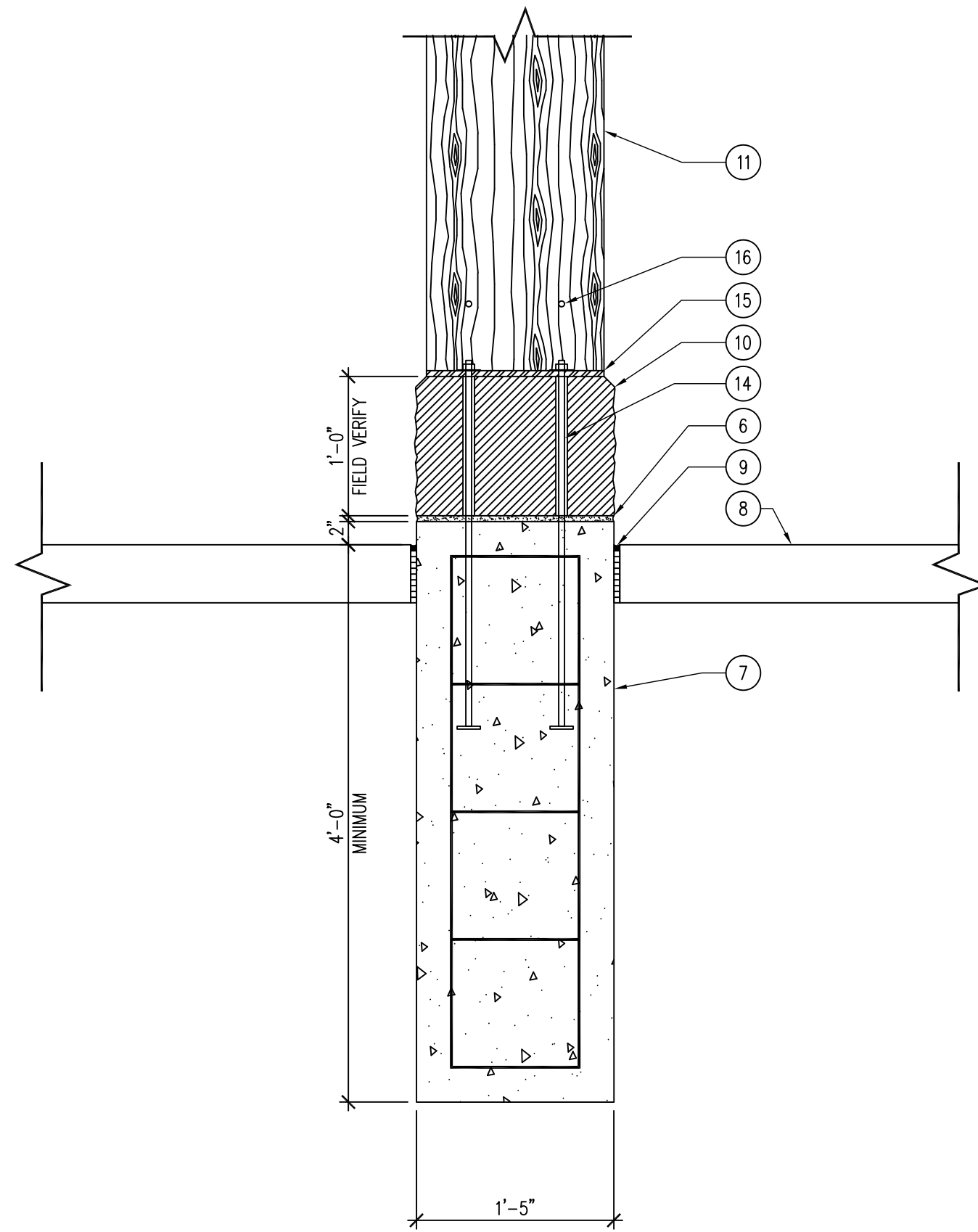
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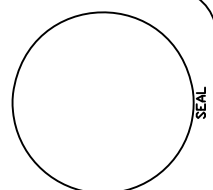




02 SECTION — SHELTER COLUMN — FRONT  
SCALE: 1" = 1'-0"



01 SECTION — SHELTER COLUMN — SIDE  
SCALE: 1" = 1'-0"



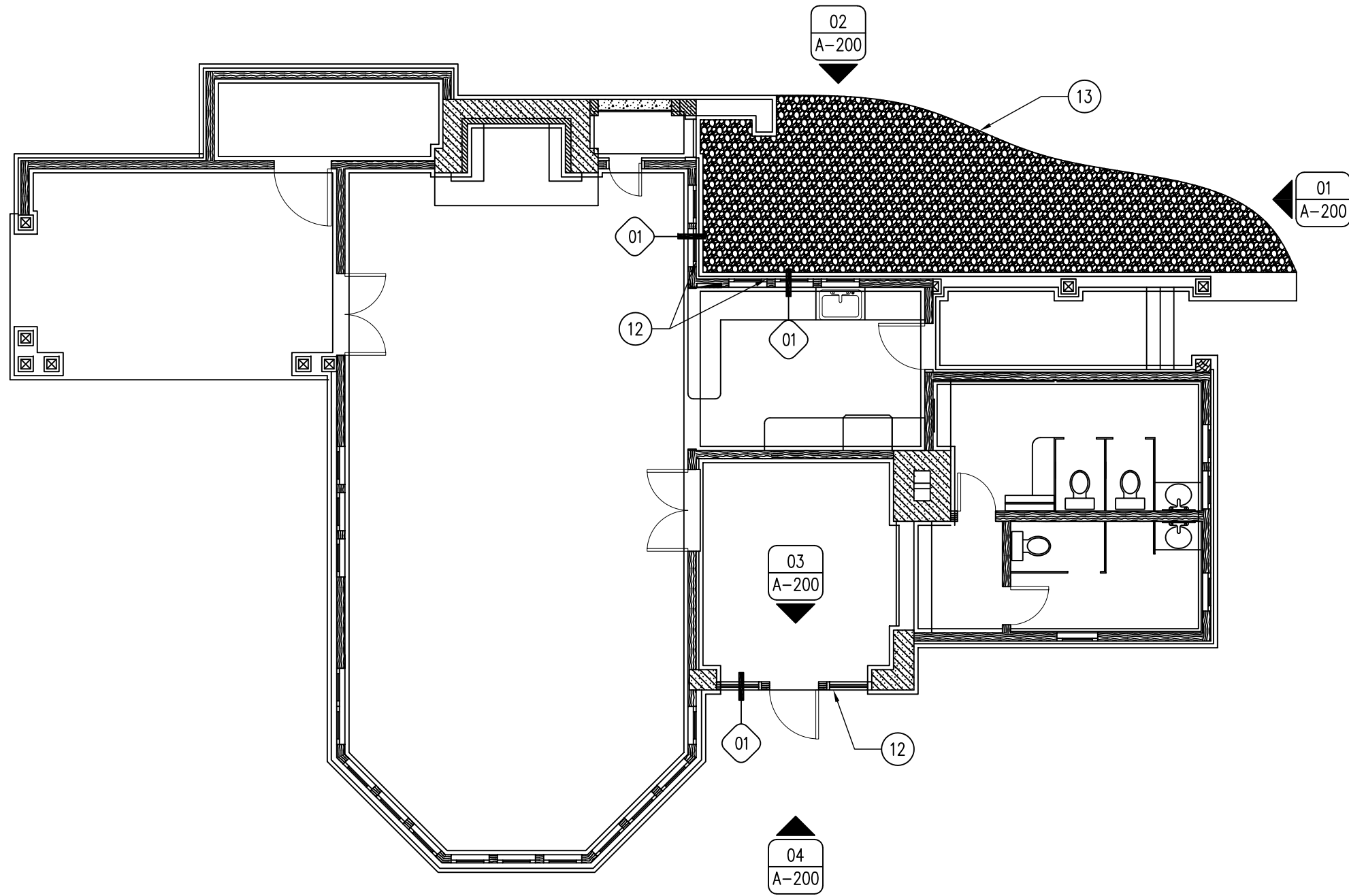
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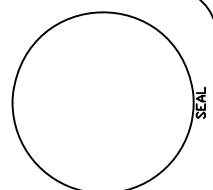
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**01** REFERENCE FLOOR PLAN – LODGE  
SCALE: NTS



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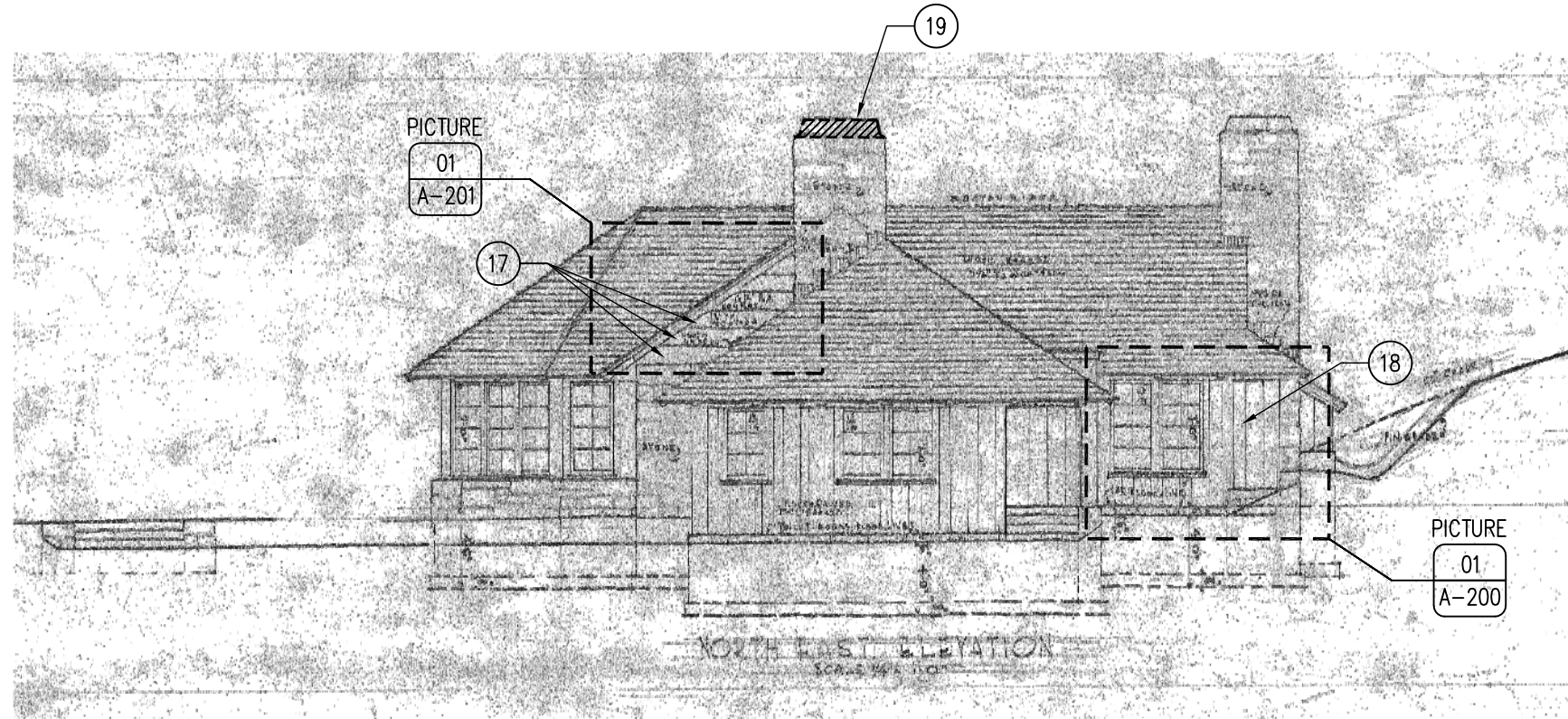


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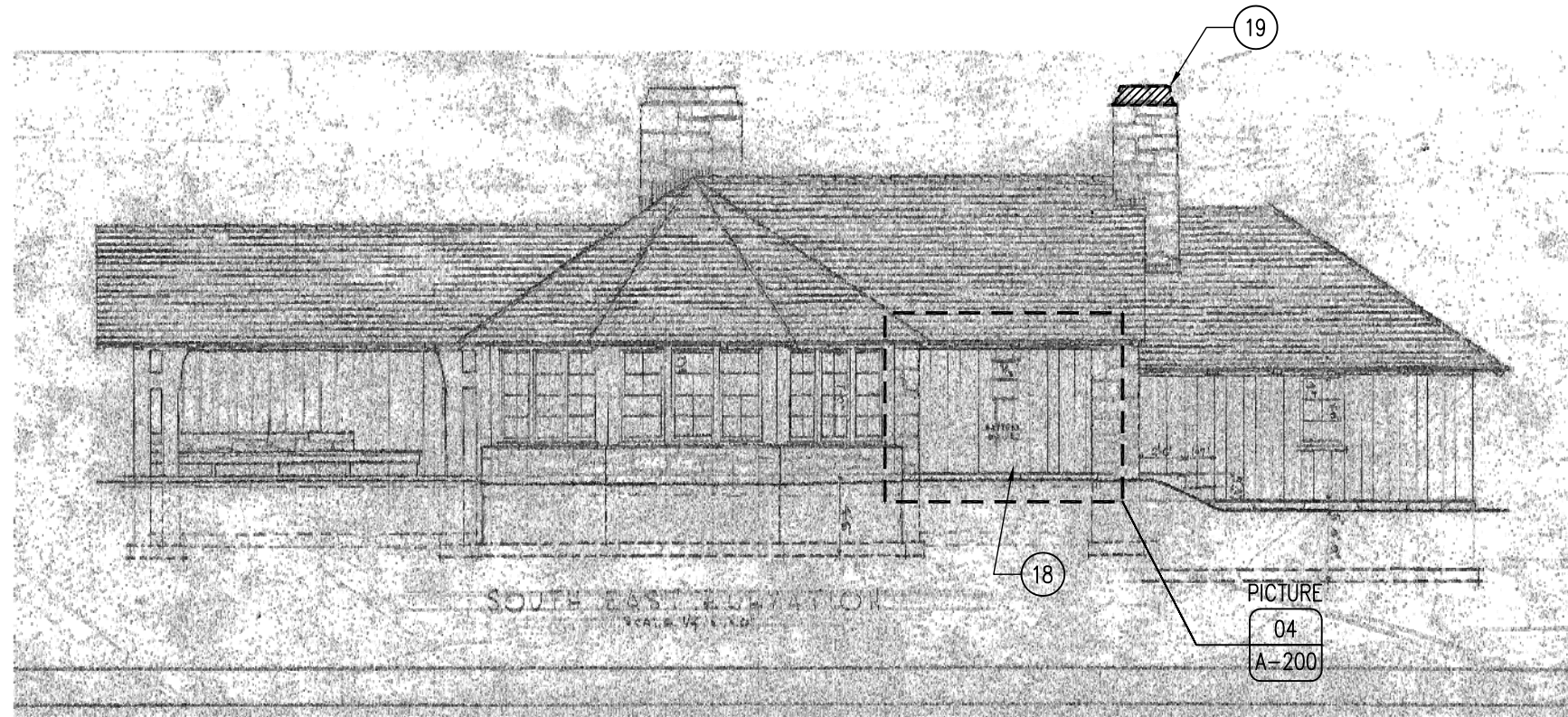
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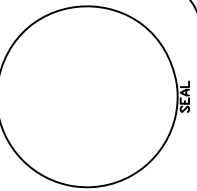




02 LODGE ELEVATION – EAST  
SCALE: NTS



01 LODGE ELEVATION – SOUTH  
SCALE: NTS



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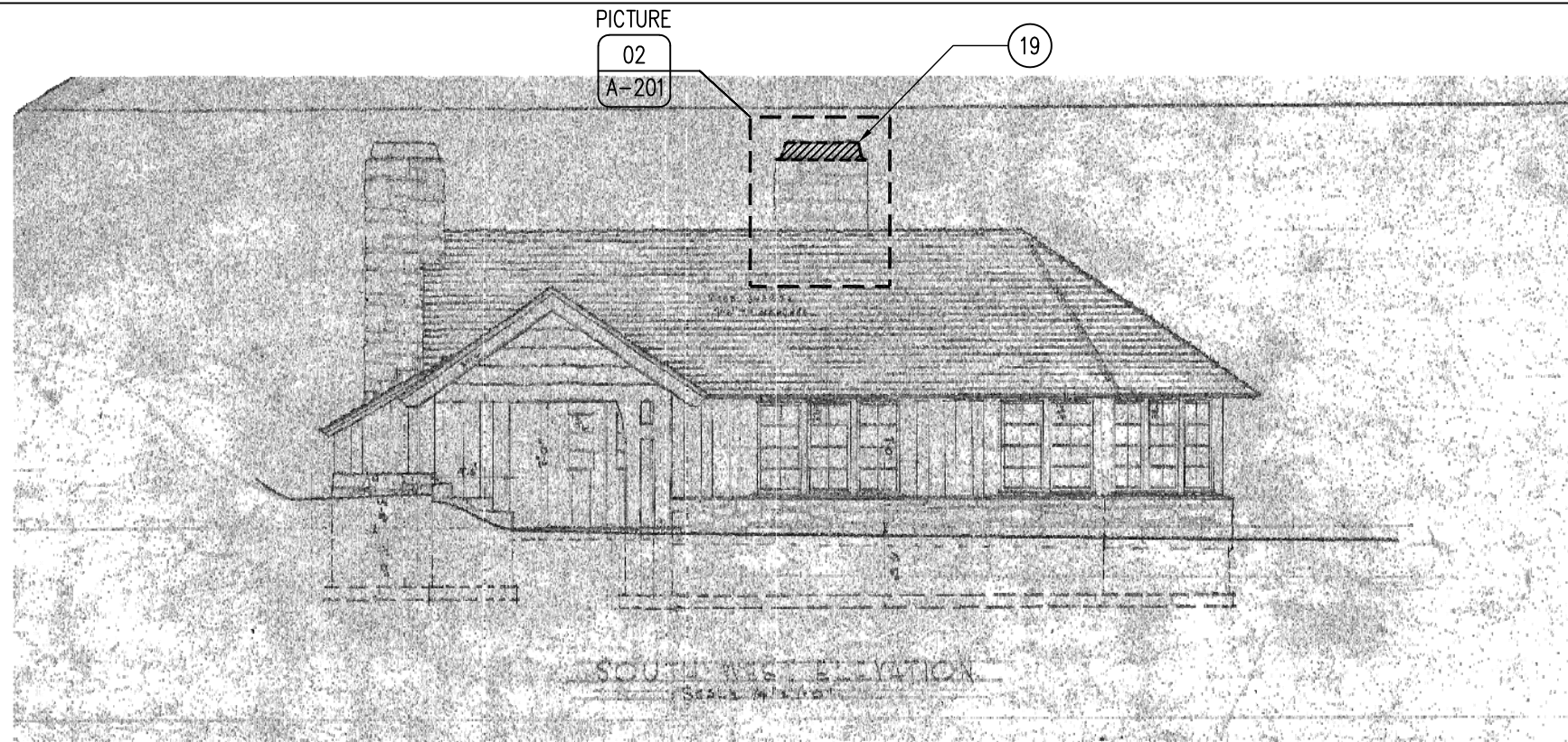


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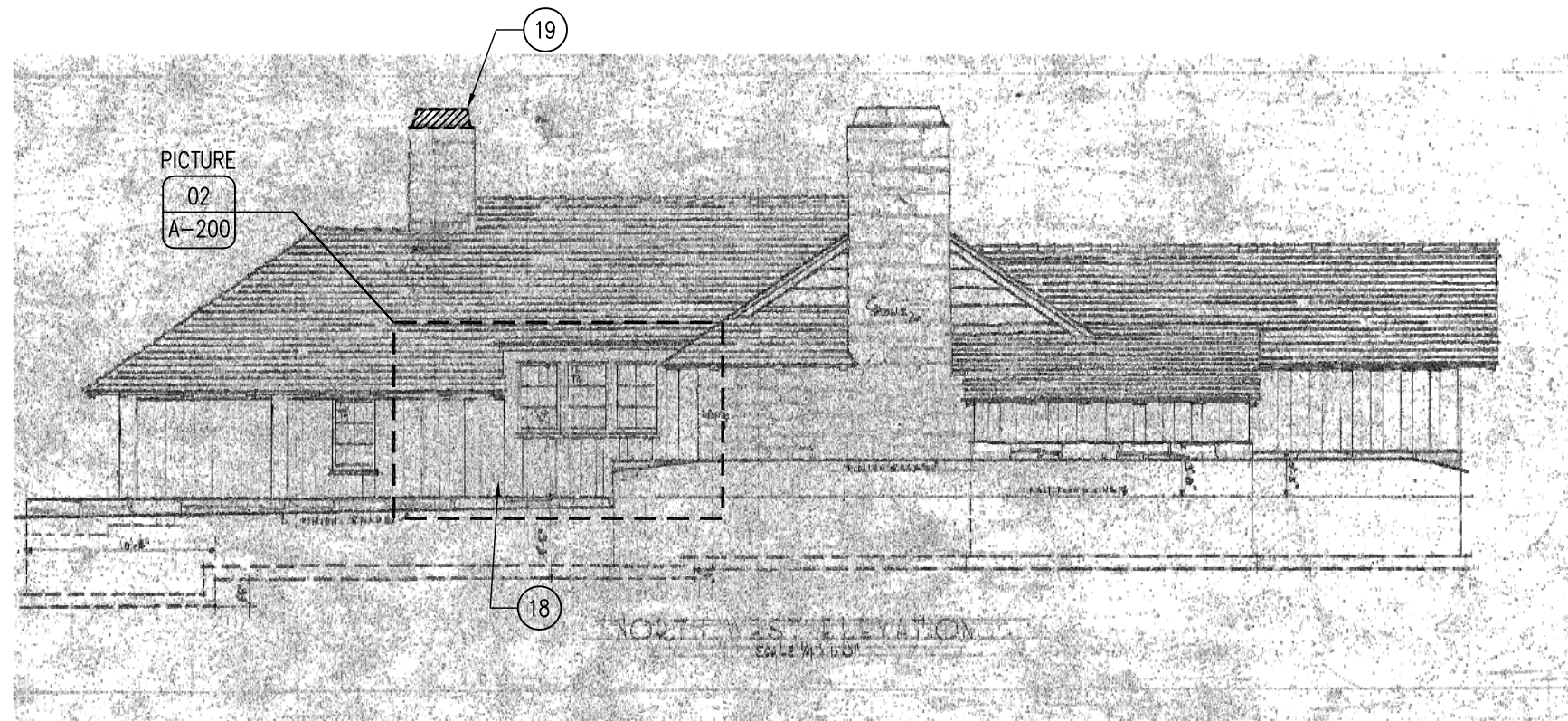
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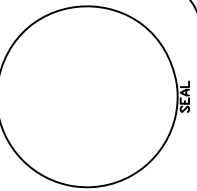




**02** LODGE ELEVATION – WEST  
SCALE: NTS



**01** LODGE ELEVATION – NORTH  
SCALE: NTS



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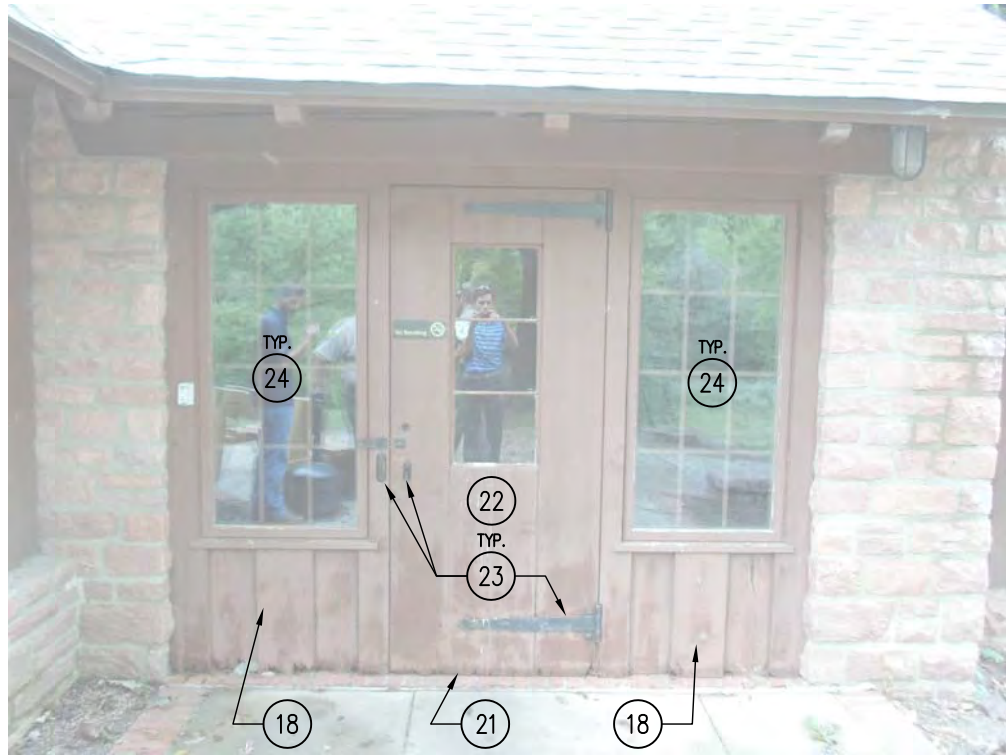


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**A-102**

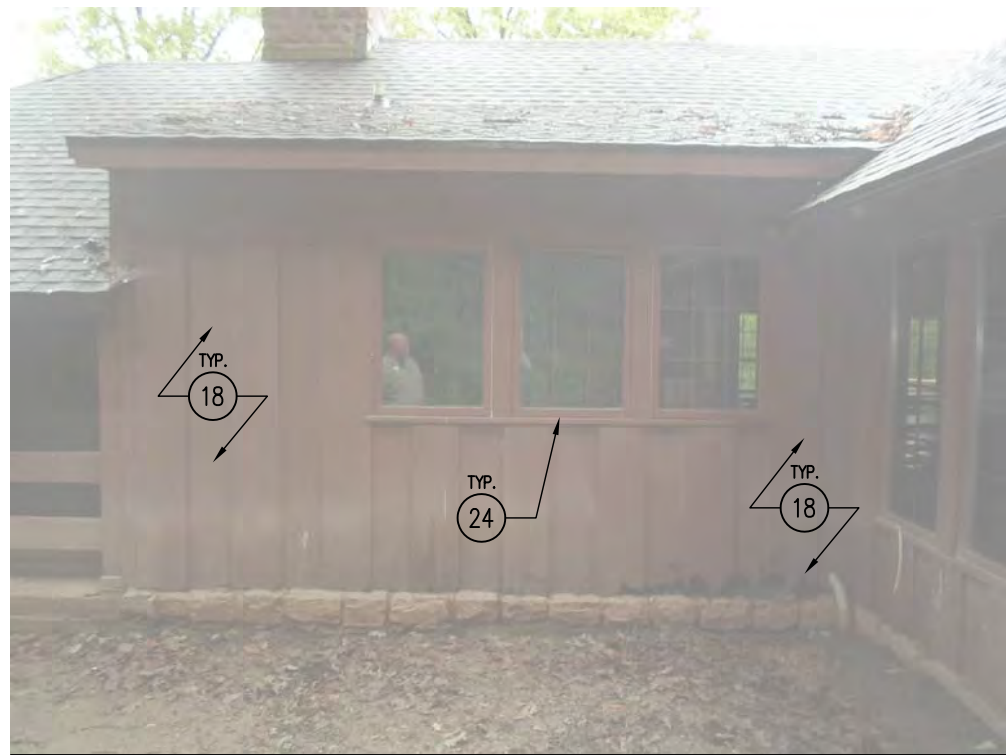




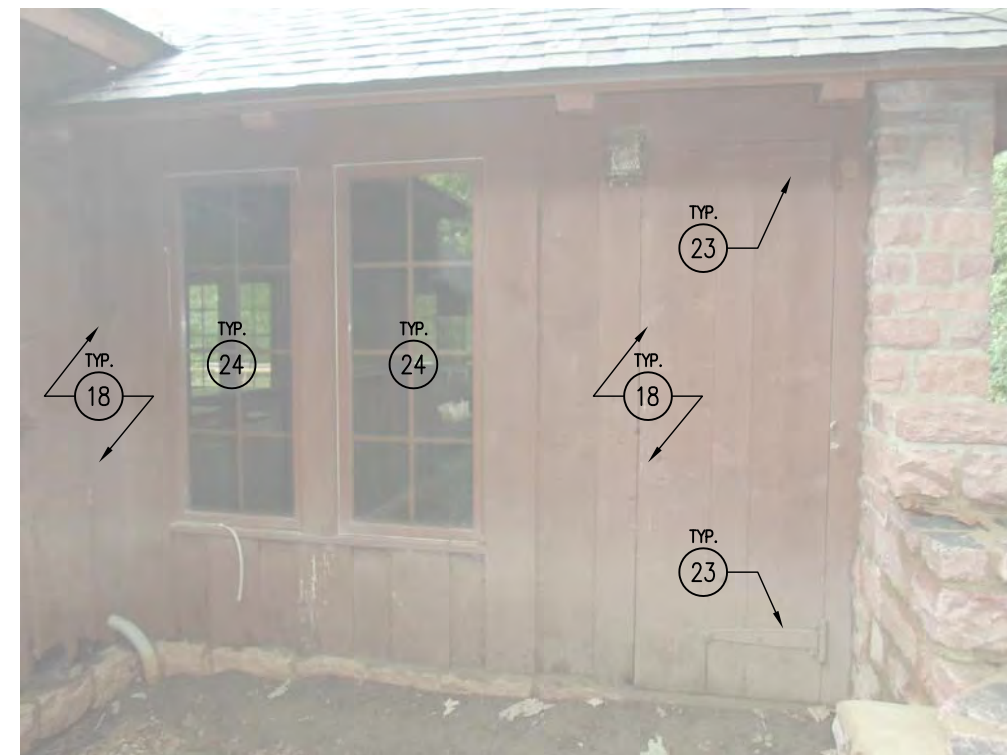
04 LODGE PICTURE – EXTERIOR ENTRANCE DOOR  
SCALE: NTS



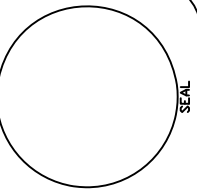
03 LODGE PICTURE – INTERIOR ENTRANCE DOOR  
SCALE: NTS



02 LODGE PICTURE – EXTERIOR KITCHEN WALL  
SCALE: NTS



01 LODGE PICTURE – EXTERIOR GREAT ROOM WALL  
SCALE: NTS



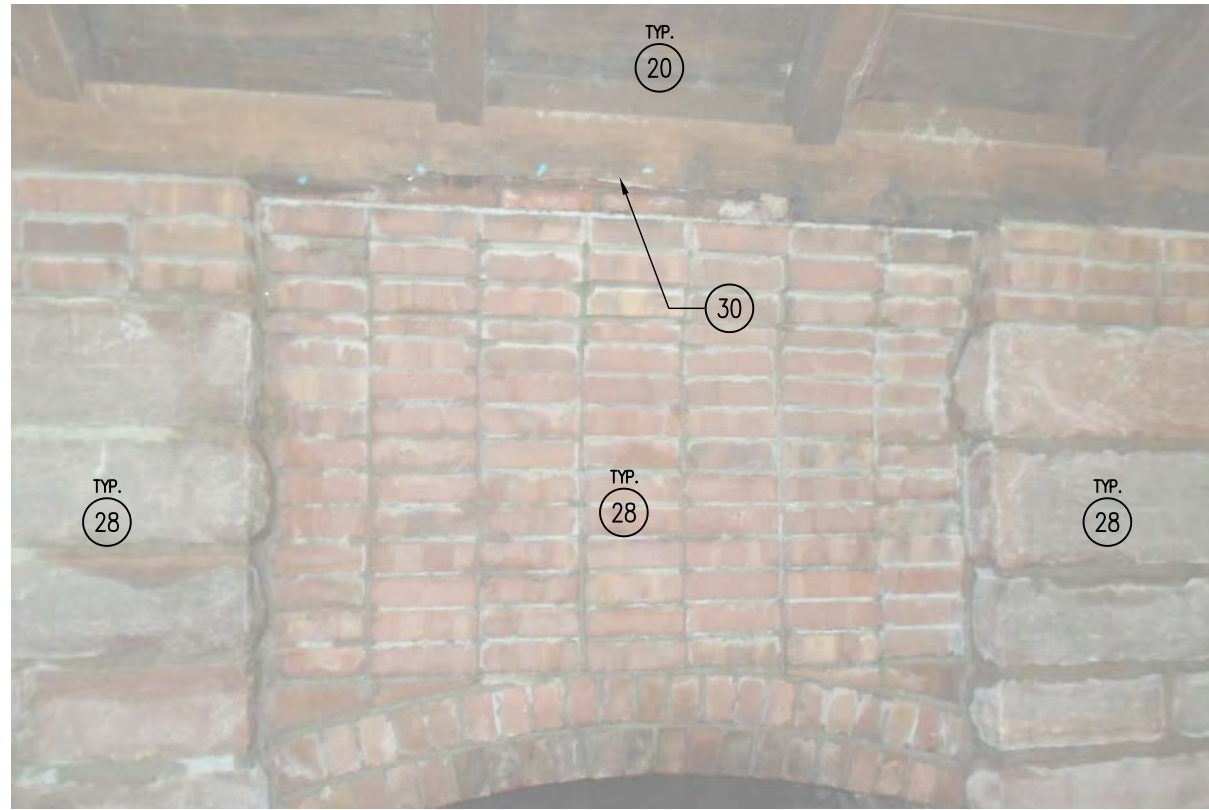
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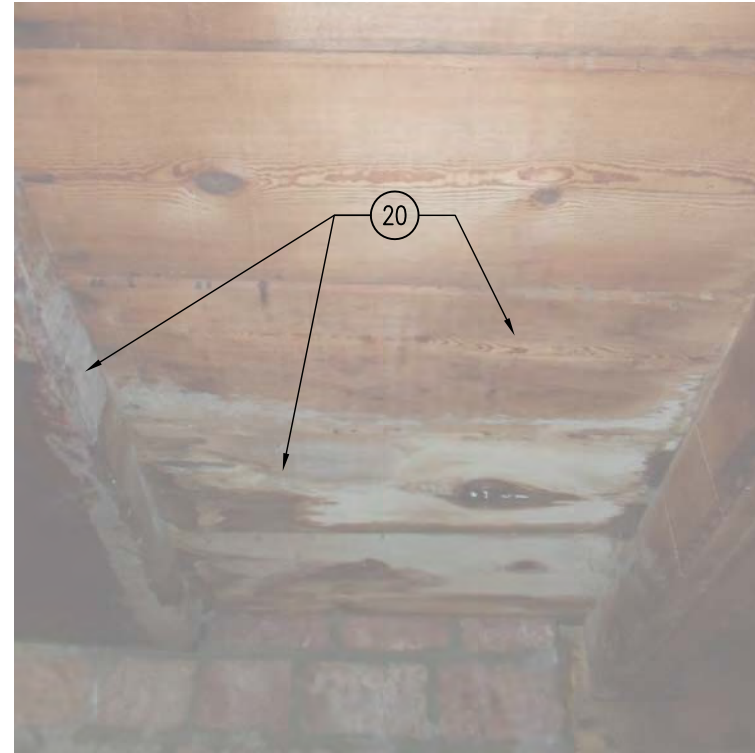
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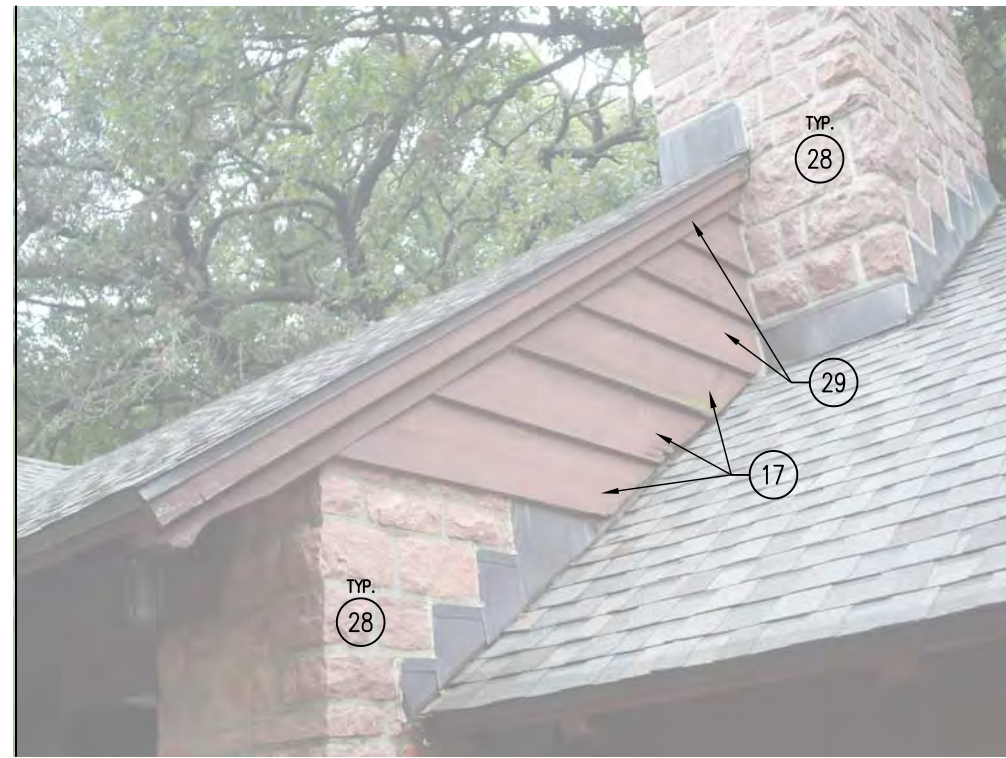
04 SHELTER PICTURE – BEAM OVER FIREPLACE  
SCALE: NTS



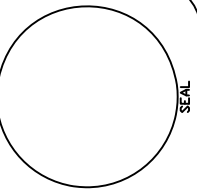
03 LODGE PICTURE – WOOD CEILING  
SCALE: NTS



02 LODGE PICTURE – CHIMNEY CAP  
SCALE: NTS



01 LODGE PICTURE – LAP SIDING  
SCALE: NTS



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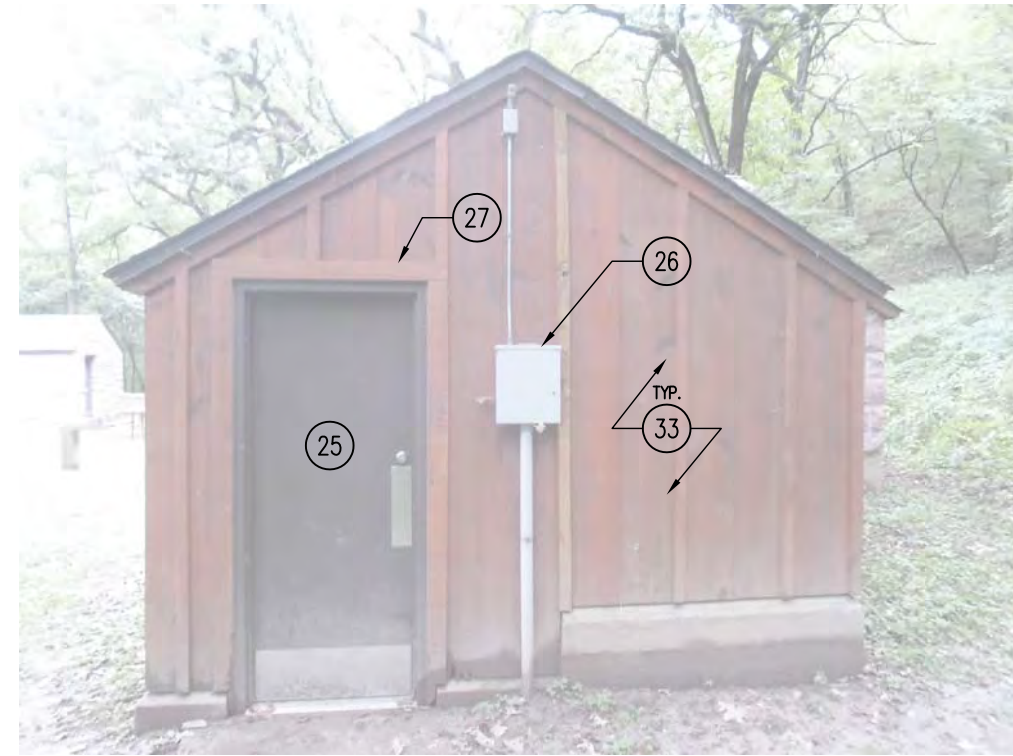
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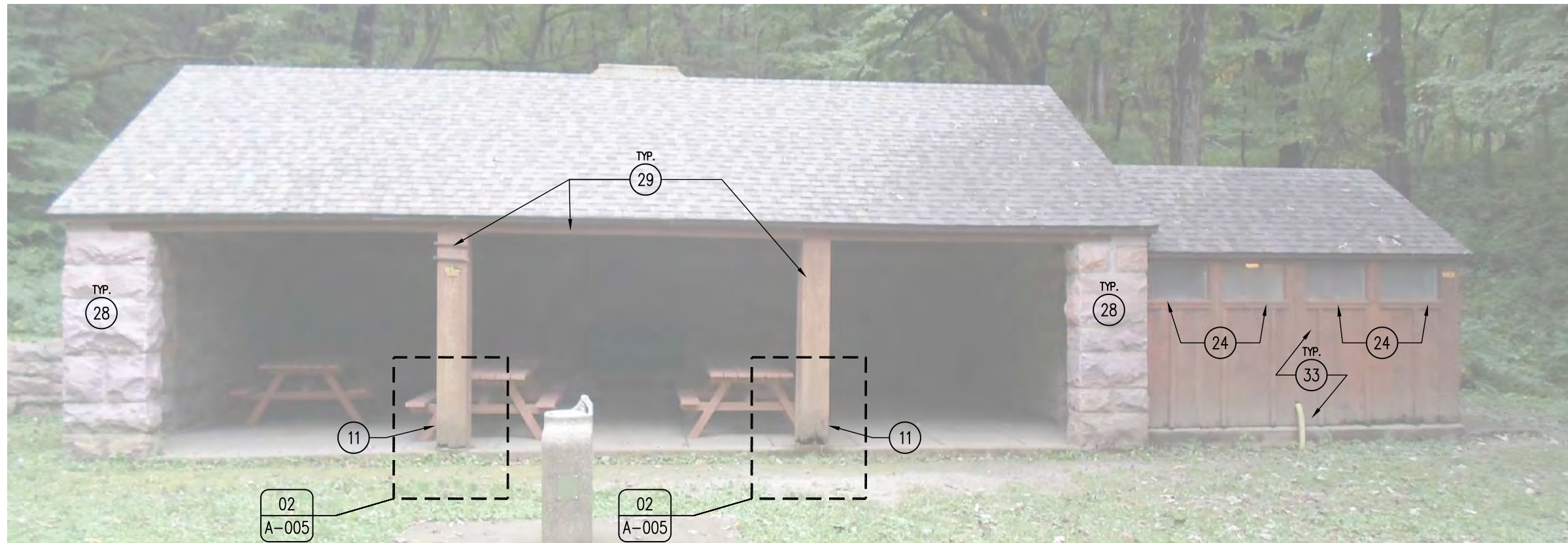




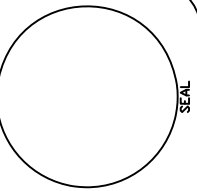
03 SHELTER PICTURE – SOUTH  
SCALE: NTS



02 SHELTER PICTURE – WEST  
SCALE: NTS



01 SHELTER PICTURE – NORTH  
SCALE: NTS



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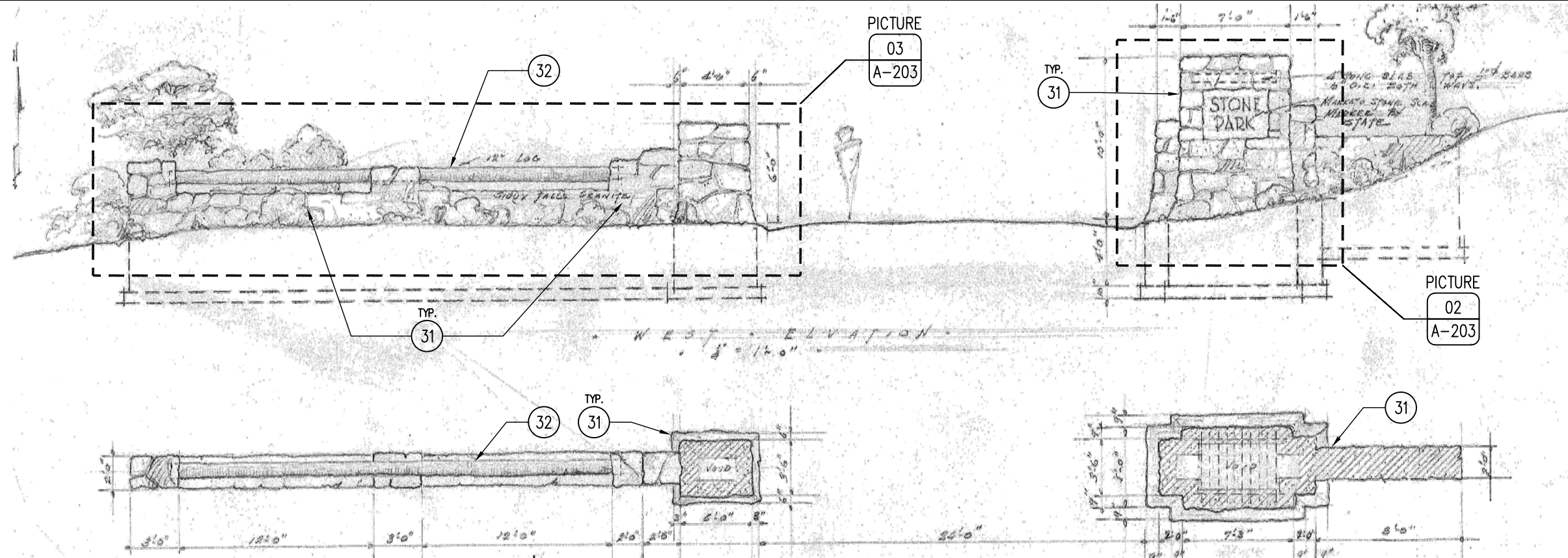




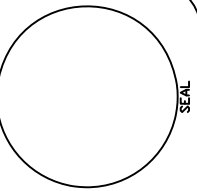
03 PORTAL PICTURE – NORTH MONUMENT  
SCALE: NTS



02 PORTAL PICTURE – SOUTH MONUMENT  
SCALE: NTS



01 PORTAL PLANS  
SCALE: NTS



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