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SITE MAP / PROJECT LOCATION

1" =200'

CHEROKEE NATION BUSINESSES
CULTURAL TOURISM
PLANNING & DEVELOPMENT

Old Little Flock
Church Restoration

N HWY 169 and S 8 RD E
LENAPAH OKLAHOMA

ARCHITECT: STARR DESIGN GROUP
CJC ARCHITECTS, INC.



STRUCTURAL ENGINEER: BE STRUCTURAL CONSULTANTS, LLC.

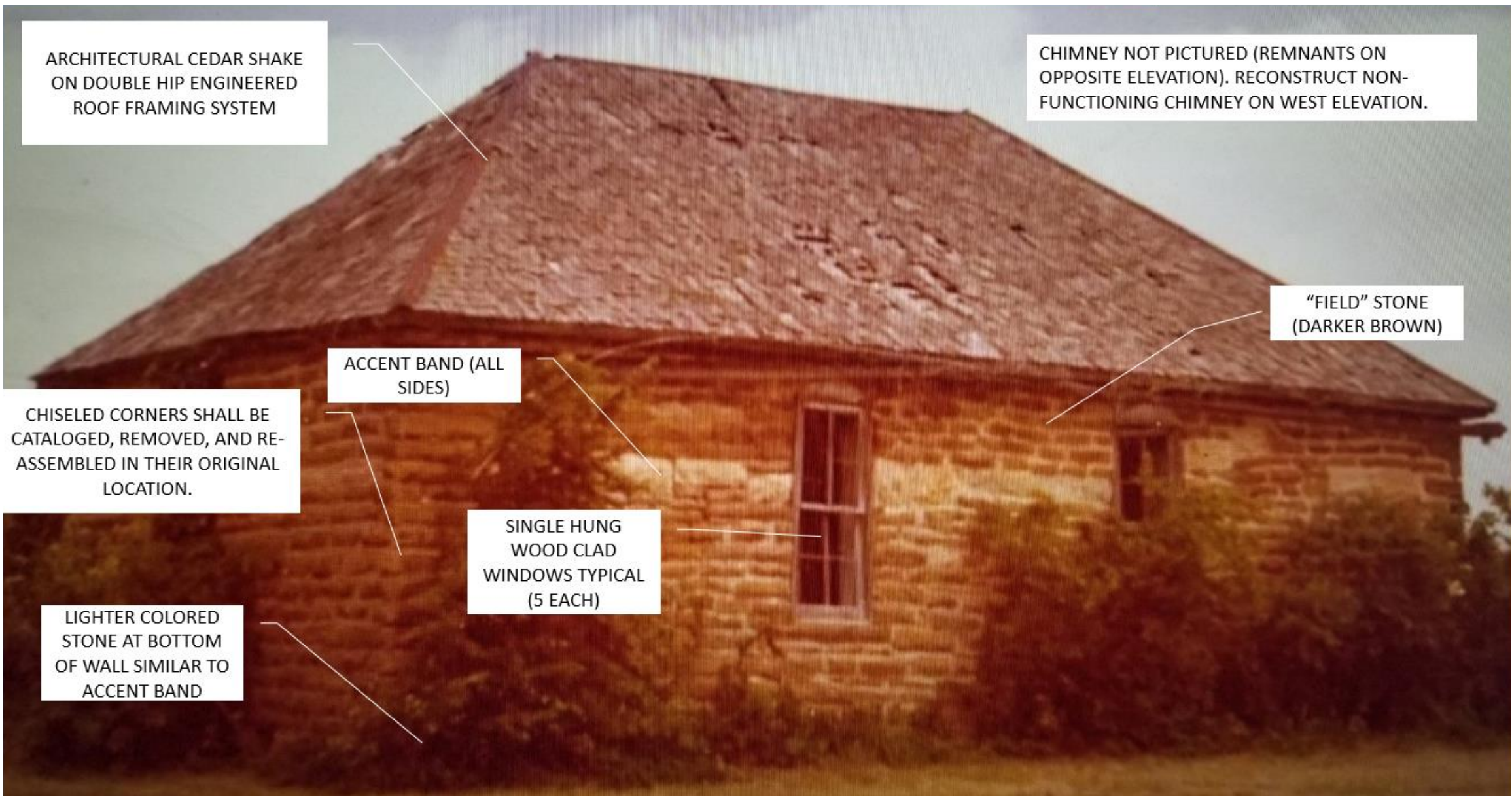
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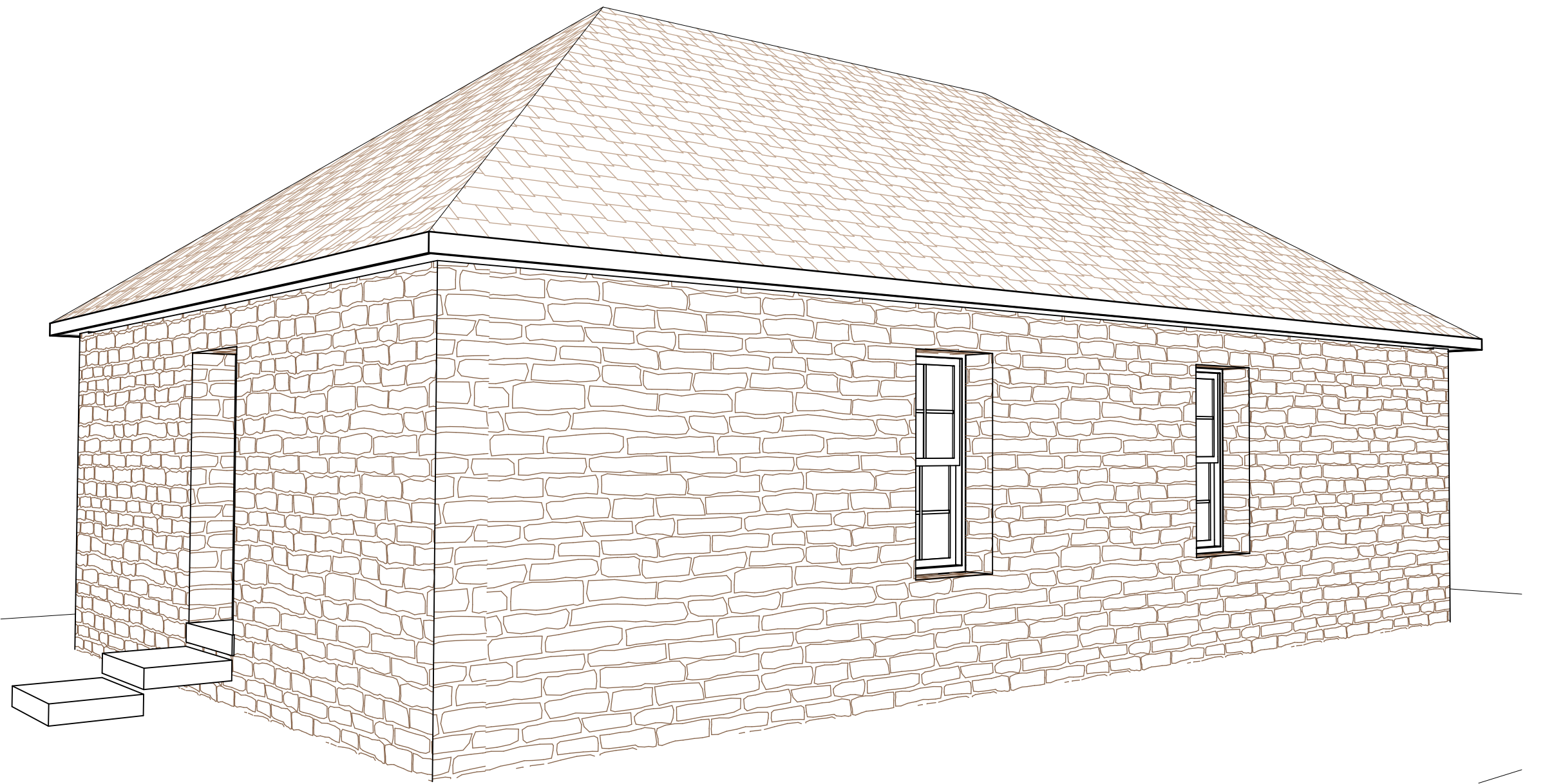
PROJECT NUMBER

2414

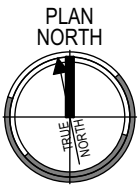
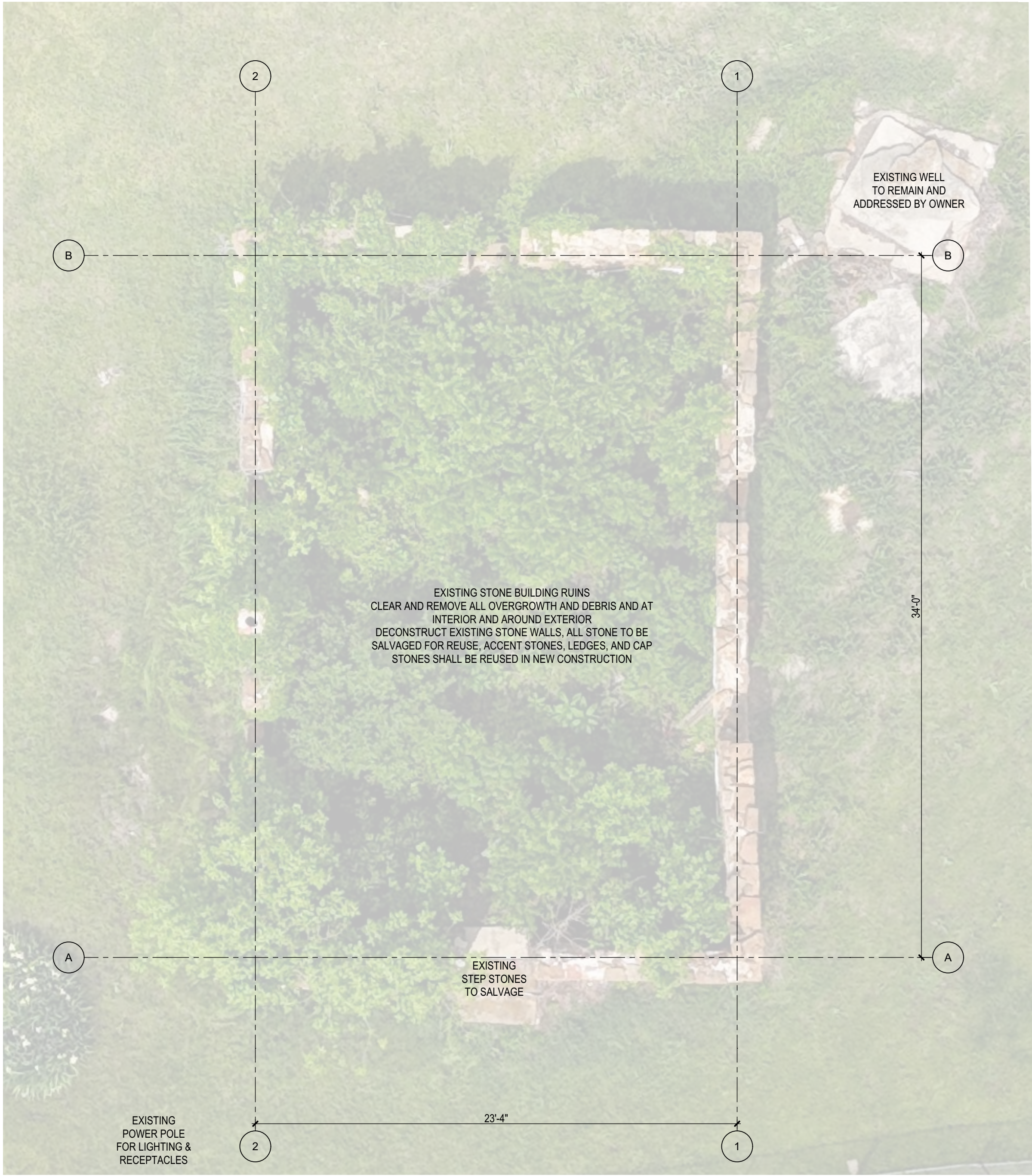
Revision Date	Revision



HISTORICAL PHOTO



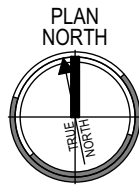
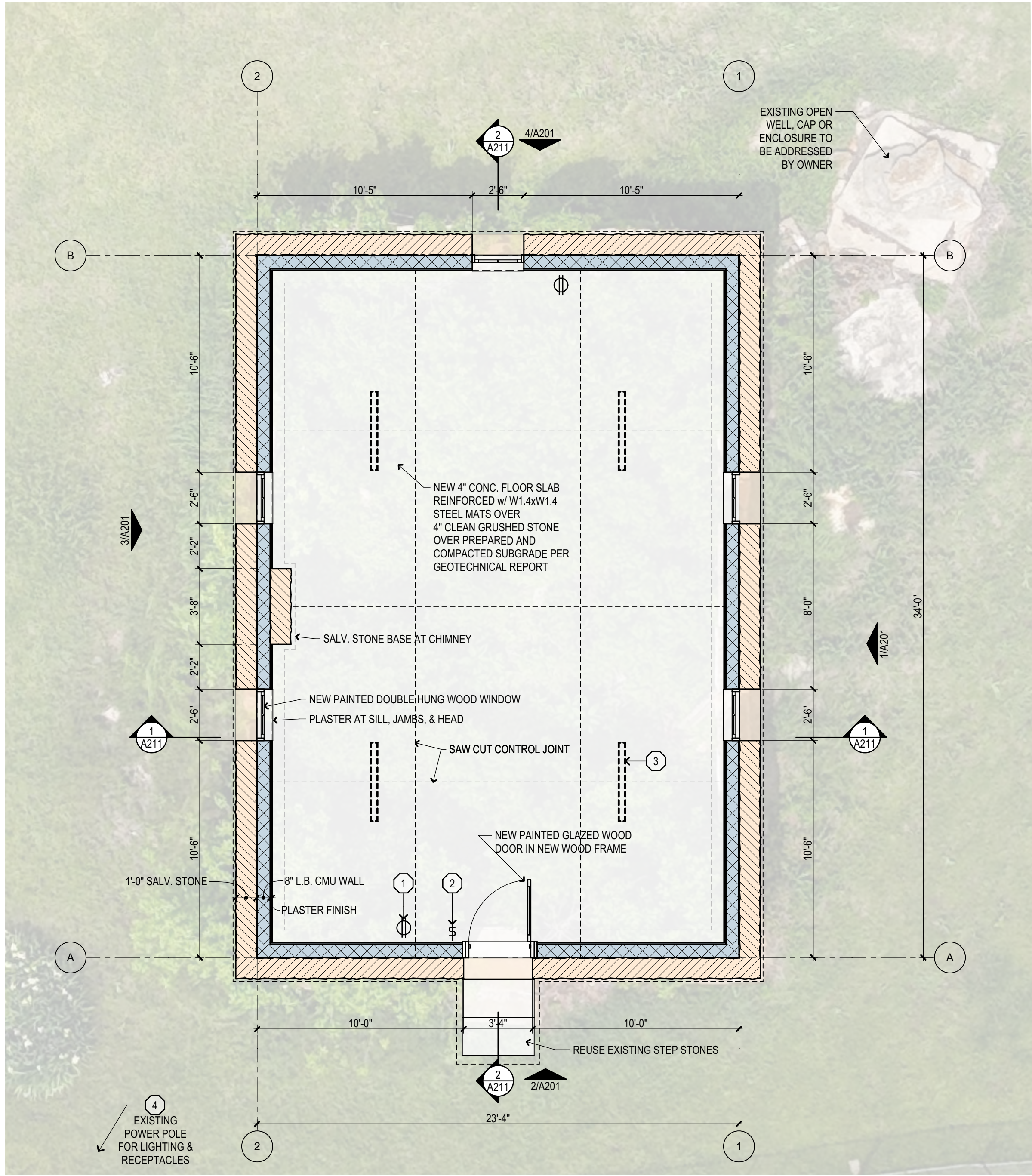
PROPOSED BUILDING



2

EXISTING FLOOR PLAN

1/4" = 1'-0"



1

FLOOR PLAN

1/4" = 1'-0"



ELECTRICAL KEYNOTE SCHEDULE	
①	DUPLEX CONVENIENCE RECEPTACLE, 125V, 20A, NEMA WD / E6 CONFIGURATION 5-20R, UL 498 HUBBELL BR20 OR EQUAL (TYPICAL OF 2)
②	SINGLE POLE SWITCH, HUBBELL HBL 1221 OR EQUAL
③	LED STRIP LIGHTING FIXTURE, CHAIN HUNG FROM STRUCTURE, METALUX: 4WSL-LD2-30-UPL15-L840-CDT-U OR EQUAL
④	PROVIDE (2) 20/1P BREAKERS FROM EXISTING POLE MOUNTED LOAD-CENTER FOR LIGHT & POWER CIRCUIT, ROUTE IN METAL CONDUIT FOR POWER AND MC CABLE WHIPS FOR LIGHTING

LITTLE FLOCK
OLD CHURCH
RESTORATION

CHEROKEE NATION
FLOOR PLAN

Drawn Project Number 2414

Checked

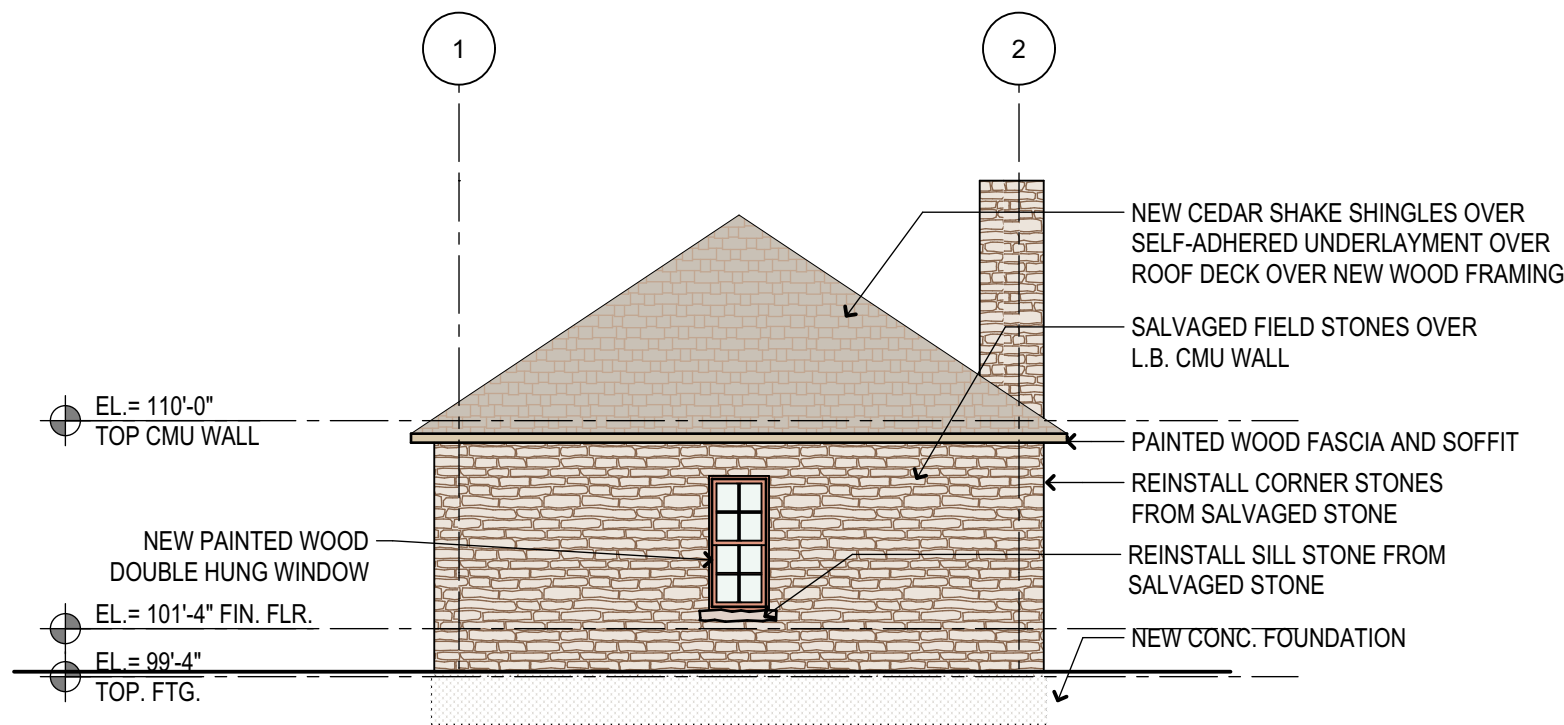
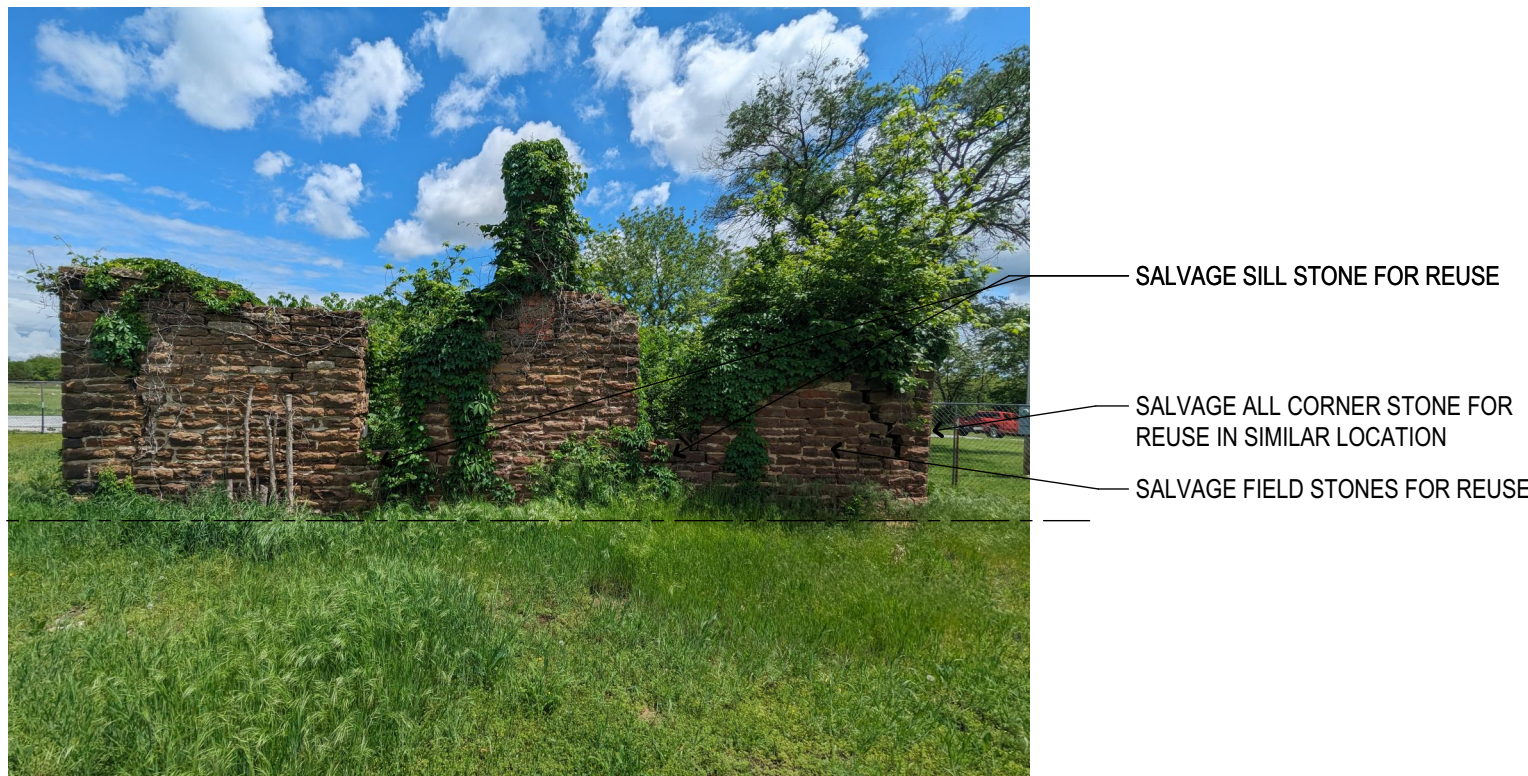
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Seal Issue Date 6/6/2024

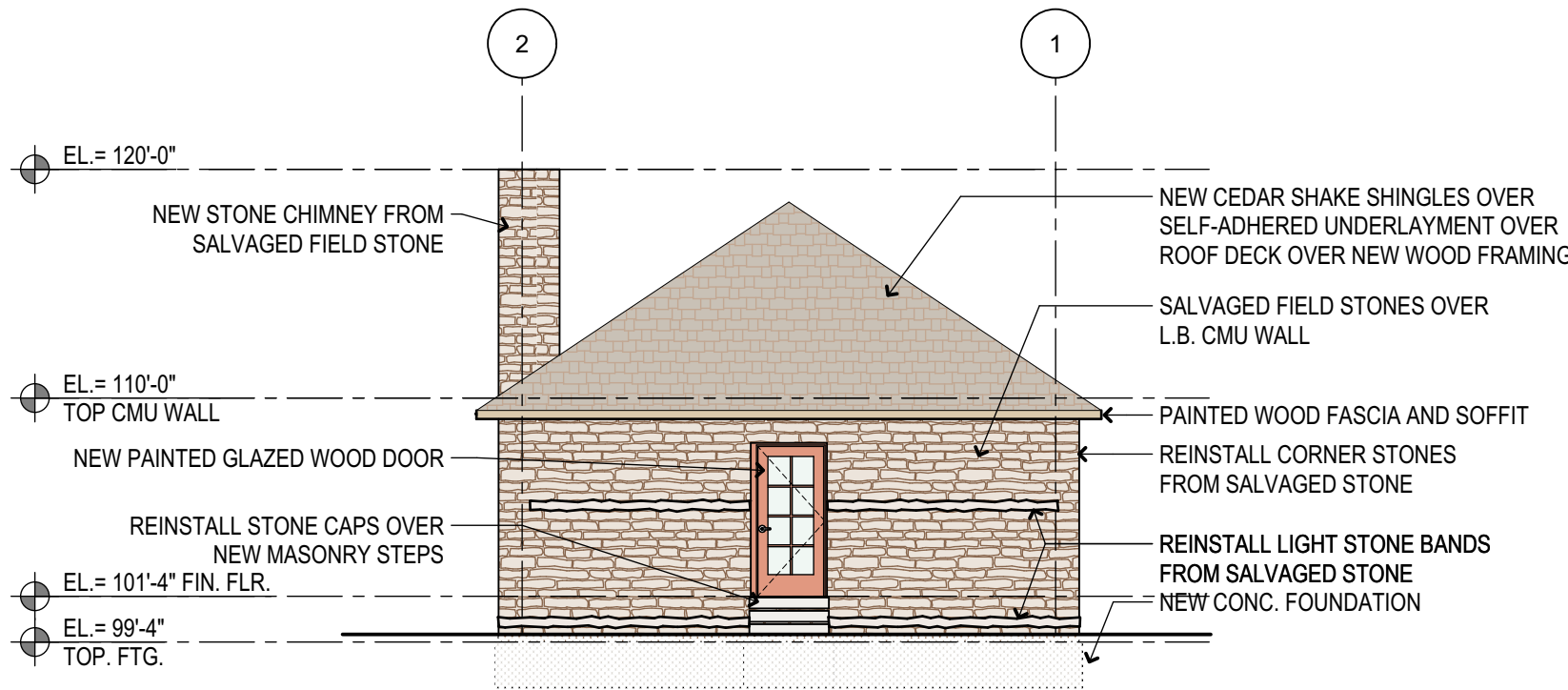
STATE OF OKLAHOMA
TIMOTHY S. BOCKWINE
3975
TULSA, OKLAHOMA
REGISTERED ARCHITECT
6/6/2024

A101

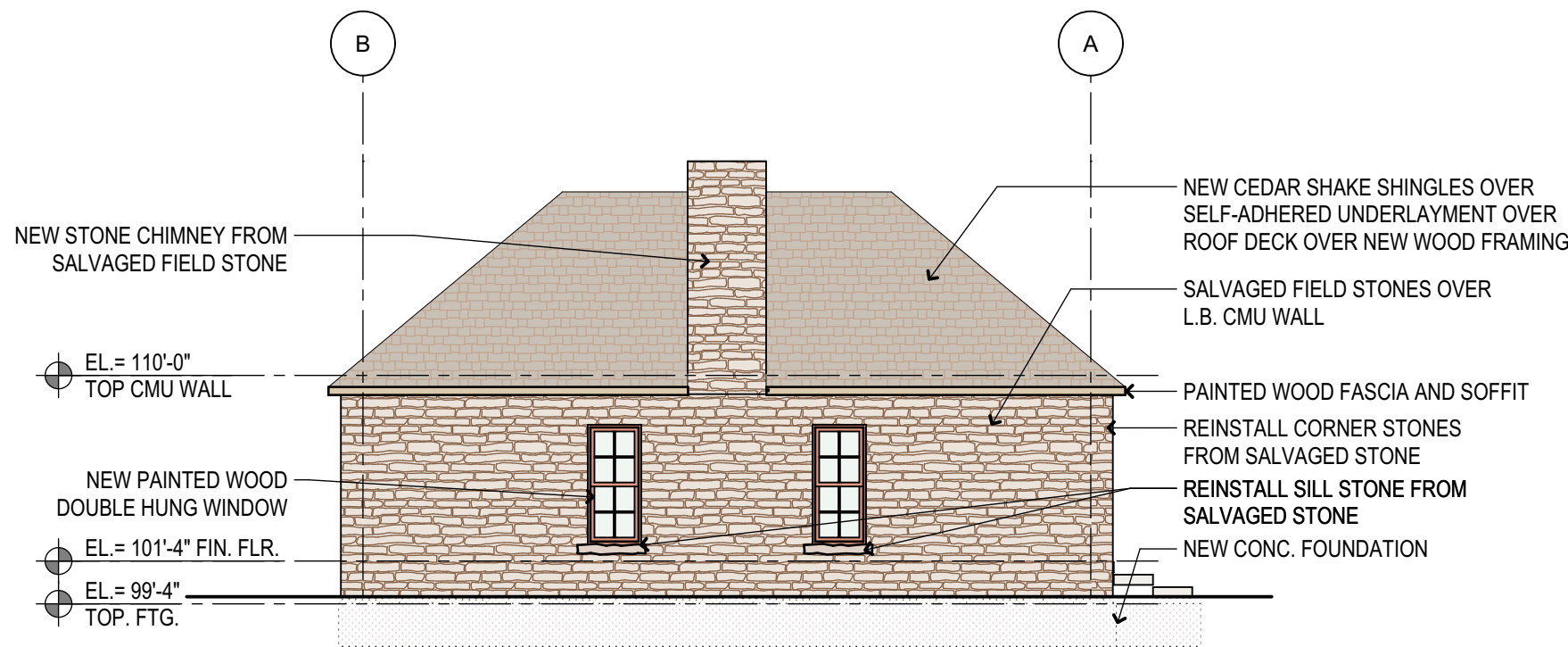
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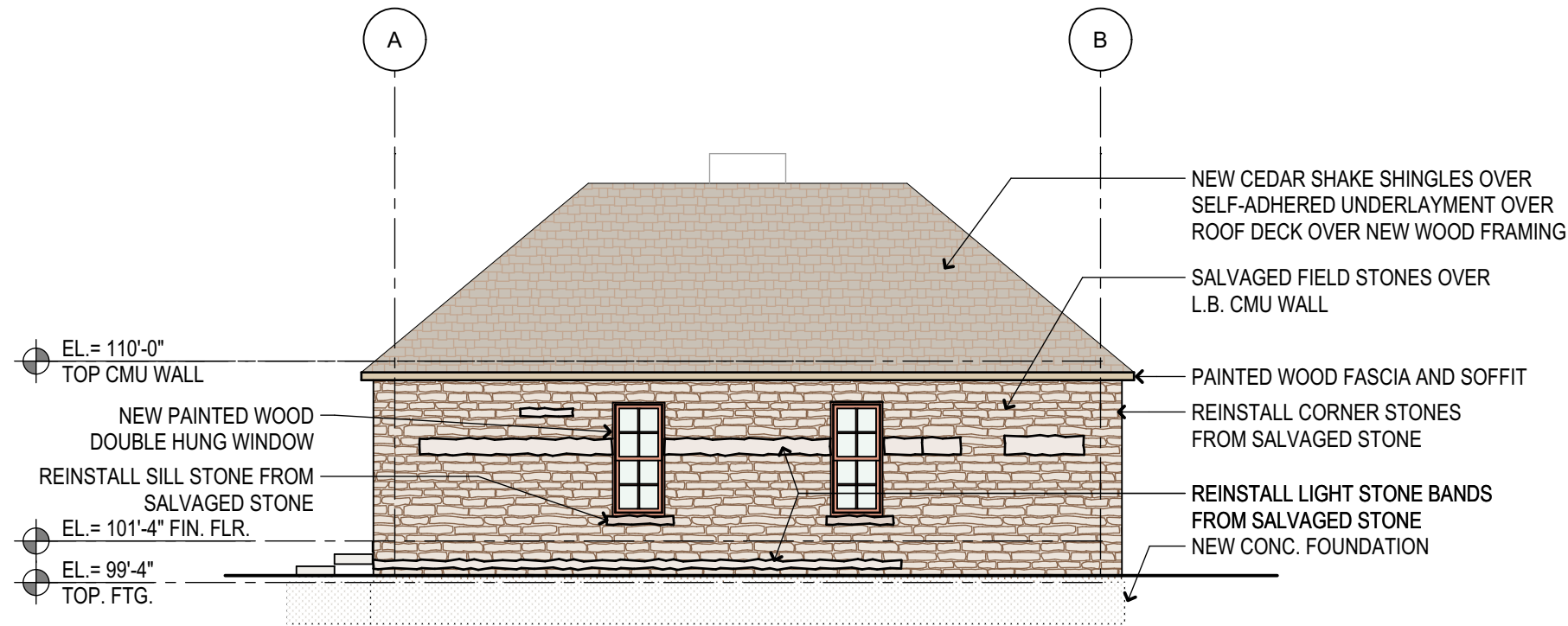
4 NORTH ELEVATION
1/8" = 1'-0" 0 4' 8' 16'



2 SOUTH ELEVATION
1/8" = 1'-0" 0 4' 8' 16'



3 WEST ELEVATION
1/8" = 1'-0" 0 4' 8' 16'



1 EAST ELEVATION
1/8" = 1'-0" 0 4' 8' 16'

LITTLE FLOCK
OLD CHURCH
RESTORATION

CHEROKEE NATION
BUILDING ELEVATIONS

Drawn Project Number 2414

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Seal Issue Date 5/31/2024

Sheet Number

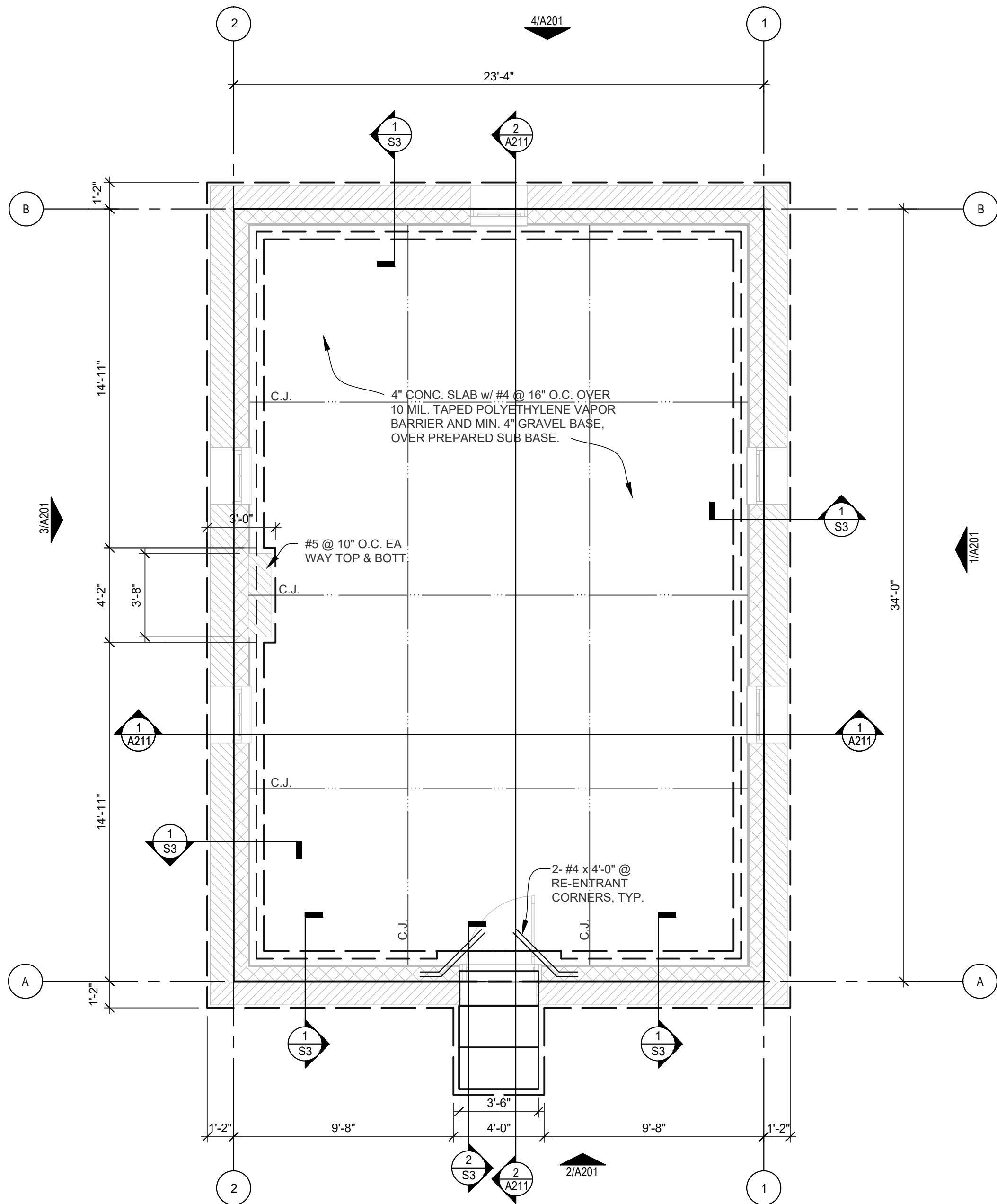


A201

Revision	
Revision Date	Revision



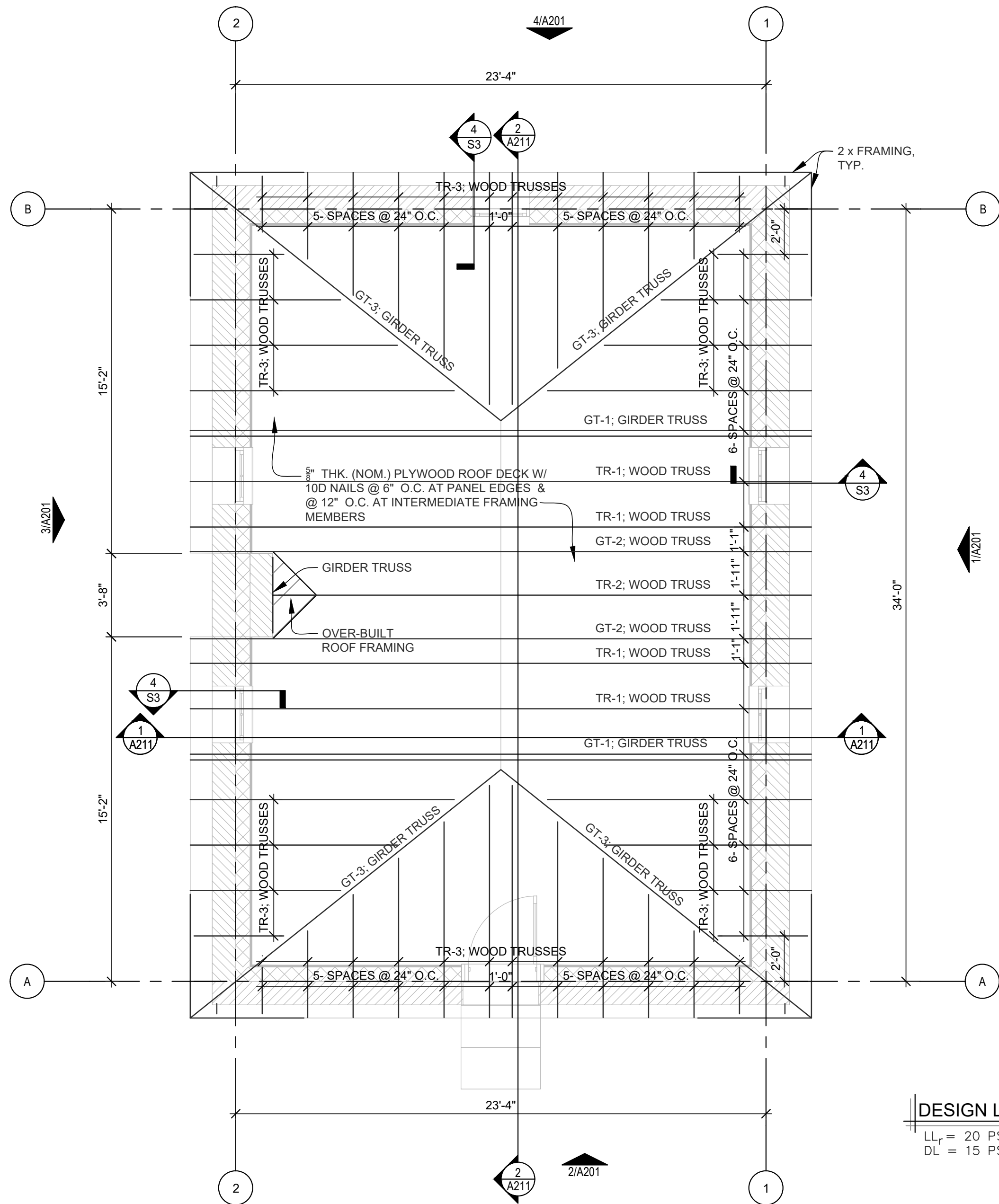
Revision Date	Revision
5/30/2024	ISSUE FOR CONSTRUCTION



FOUNDATION PLAN

1

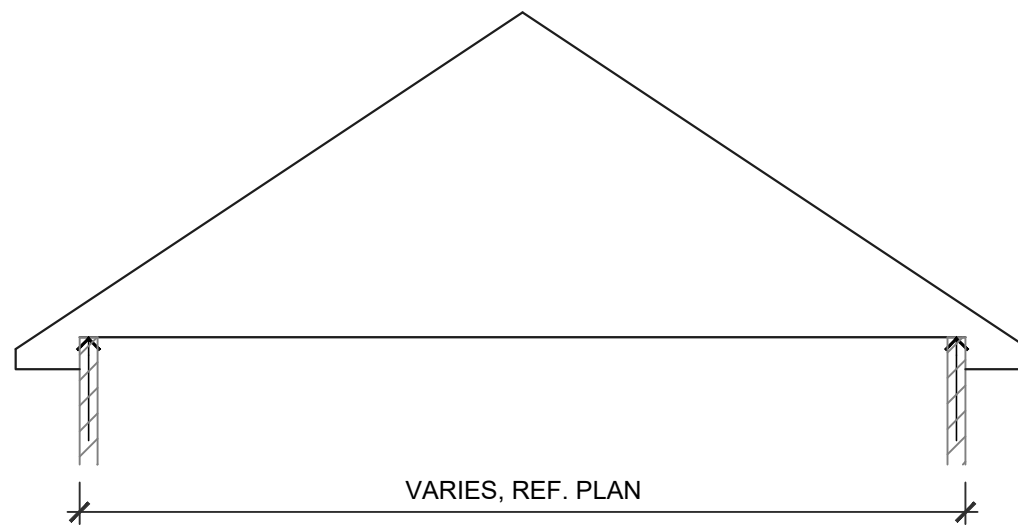
1/4" = 1'-0"



FRAMING PLAN

2

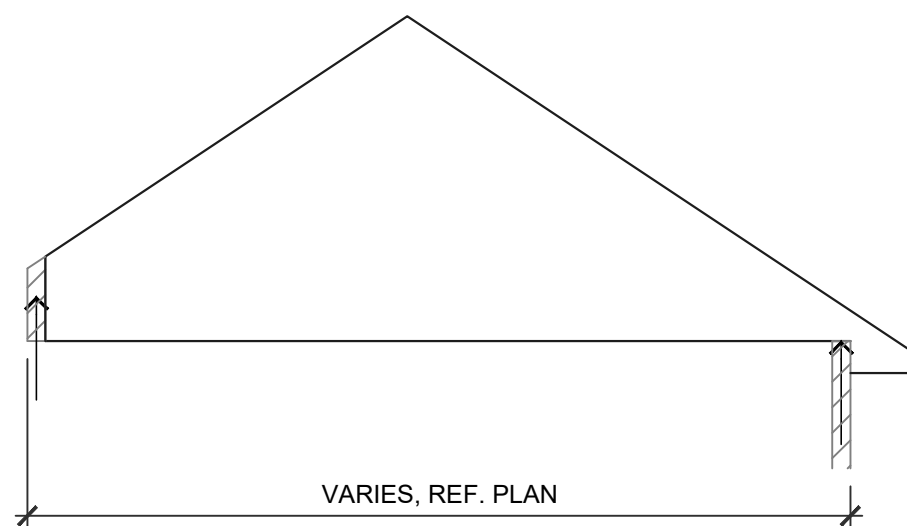
1/4" = 1'-0"



TRUSS ELEVATION

3

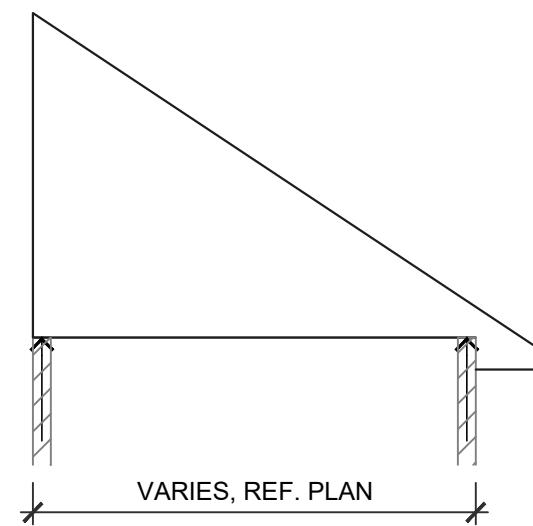
NOT TO SCALE



TRUSS ELEVATION

4

NOT TO SCALE



TRUSS ELEVATION

5

NOT TO SCALE

Project Title

LITTLE FLOCK
OLD CHURCH
RESTORATION

CHEROKEE NATION

Sheet Title

FOUNDATION &
FRAMING PLAN

Drawn

DGB

Project Number

2414

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DGB

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Scale

Issue Date

5/24/2024

Sheet Number

S1



DESIGN CRITERIA

GOVERNING BUILDING CODE

1. 2018 INTERNATIONAL BUILDING CODE
CONSTRUCTION SHALL BE IN ACCORDANCE WITH THIS CODE, EXCEPT WHERE OTHER APPLICABLE CODES OR CONTRACTS PROVIDE MORE RESTRICTION.

LOADING

1. WIND LOAD
DESIGN WIND SPEED = 109 MPH
EXPOSURE CATEGORY = C
2. SEISMIC LOAD:
SDs = 0.112 g
SD1 = 0.113 g
SITE CLASS = D
IMPORTANCE FACTOR = 1.0
3. SNOW LOAD:
GROUND SNOW = 15 PSF
IMPORTANCE FACTOR = 1.0
4. FLOOD LOAD:
FLOOD DESIGN CLASS = ZONE X (UNSHADED)

GENERAL / MISCELLANEOUS

1. CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING STRUCTURES DAMAGED DURING CONSTRUCTION TO THE OWNERS SATISFACTION.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT, ENGINEER OF RECORD, AND CONSTRUCTION MANAGER BEFORE PROCEEDING.
3. CONTRACTOR SHALL BE RESPONSIBLE AND PROVIDE TEMPORARY BRACING FOR CONSTRUCTION STABILITY, INCLUDING BUT NOT LIMITED TO TEMPORARILY BRACING FRAMING, UNTIL FLOOR/ROOF DIAPHRAGMS AND SIDE WALLS ARE IN PLACE.
4. THESE NOTES CONTAIN GENERAL INFORMATION, THE CONTRACTOR SHALL VERIFY INFORMATION GIVEN HERE WITH PROJECT SPECIFICATIONS & OTHER CONTRACT DOCUMENTS, ANY CONFLICTS OF INFORMATION & INSTRUCTIONS TO THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
5. THE CONTRACTOR SHALL PROCURE, SUPPLY & INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE WORK SUCH AS, BUT NOT LIMITED TO, CONCRETE, REINFORCING STEEL, FORM-WORK, BOLTS, WASHERS, STRUCTURAL STEEL, METAL ROOFING, PIPE CLAMPS, SHIM BLOCKS & EQUIPMENT ANCHOR ASSEMBLIES, UNLESS NOTED OTHERWISE ON DRAWINGS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS & WORK ORDERS FROM LOCAL, STATE OR FEDERAL AGENCIES, INCLUDING BONDS & INSURANCE AS REQUIRED.
7. CONTRACTOR SHALL CALL THE LOCAL 1-800-811 TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
8. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE DURING THE ENTIRE CONSTRUCTION PERIOD, NO PONDING ALLOWED.

FOUNDATION

1. SHALLOW FOUNDATIONS
APPROX. DESIGN FROST DEPTH = 24 INCHES
ALLOWABLE SOIL BEARING = 3,000 PSF

2. SITE PREPARATION SHALL FOLLOW RECOMMENDATIONS OUTLINED IN THE ABOVE GEOTECHNICAL REPORT.
3. DIFFERING SOIL AND SITE CONDITIONS NOTED DURING CONSTRUCTION FROM THOSE ASSUMED AND/OR INDICATED IN THE GEOTECHNICAL REPORT, IF APPLICABLE, SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD, GEOTECHNICAL FIRM, AND CONSTRUCTION MANAGER.
4. PROVIDE A MINIMUM REINFORCEMENT IN ALL CONCRETE SLABS ON GRADE, UNLESS NOTED OTHERWISE, OF 6x6-W1.4xW1.4 WELDED WIRE FABRIC. PLACE WELDED WIRE FABRIC IN THE UPPER 1/3 OF THE CONCRETE SLAB.
5. C.J., CONTROL JOINT, SHALL BE 1½ INCH DEEP SAW CUT CONTROL JOINT OR ALTERNATIVELY A KEYED CONSTRUCTION JOINT MAY BE USED.
6. CORNER BARS SHALL BE PROVIDED FOR ALL CONTINUOUS HORIZONTAL REINFORCING.

CONCRETE

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH, AT 28 DAYS OF 4,000 PSI.
2. CONCRETE EXTERIOR FLATWORK SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH, AT 28 DAYS OF 3,500 PSI.
2. MAXIMUM SLUMP AT PLACEMENT SHALL NOT EXCEED 4-INCHES FOR SLABS & SHALLOW FOUNDATIONS, & 6-INCHES FOR DRILLED PIERS, UNLESS NOTED OTHERWISE ON CONSTRUCTION DRAWINGS.
3. AIR-ENTRAINED CONCRETE SHALL BE USED FOR STRUCTURES EXPOSED TO FREEZING & THAWING, SURFACES REQUIRING GOOD WEARING CHARACTERISTICS & ALL FLAT WORK.
4. FOR DRILLED PIERS & SHAFTS, HOLES EXCAVATED USING A SLURRY PROCESS SHALL HAVE THE CONCRETE INSTALLED WITH A TREMIE PIPE WHICH SHALL BE KEPT BELOW THE SURFACE OF THE CONCRETE AT ALL TIMES DURING THE POUR.
5. NO CONCRETE SHALL BE DROPPED THROUGH FREE WATER.
6. HOLES FOR DRILLED PIERS & SHAFTS SHALL BE CONSTRUCTED & CONCRETE FILLED THE SAME DAY.
7. REINFORCING STEEL SHALL CONFORM TO THE LATEST REVISIONS OF ASTM A-615, GRADE 60, UNLESS NOTED OTHERWISE.
8. WIRE MESH REINFORCEMENT SHALL CONFORM TO ASTM A-185, UNLESS NOTED OTHERWISE.

GENERAL NOTES

MASONRY

1. ALL CMU SHALL BE 2-CELL AND HAVE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2000 PSI
2. MORTAR SHALL BE TYPE "S" MORTAR
3. CELL WHICH CONTAIN STEEL REINFORCING SHALL BE FILLED SOLID WITH 2,500 PSI CONCRETE, OR GROUT, THIS INCLUDES BUT IS NOT LIMITED TO, BOND BEAMS, LINTELS, PILASTERS, AND JAMS.
4. LINTEL REINFORCEMENT SHALL BE SUPPORTED BY WIRE CHAIRS.
5. VERTICAL CELLS, TO BE FILLED, SHALL HAVE A VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CLEAR UNOBSTRUCTED CONTINUOUS VERTICAL CELL.
6. VERTICAL WALL REINFORCING SHALL EXTEND CONTINUOUSLY FROM TOP OF FOUNDATION TO EMBED SIX (6) INCHES MINIMUM INTO ROOF DIAPHRAGM BOND BEAM, OR TOP OF PARAPET.
7. VERTICAL JAM REINFORCING SHALL BE, AT A MINIMUM, THE SAME SIZE AND NUMBER AS NORMAL VERTICAL REINFORCING AND EXTEND FULL HEIGHT OF WALL.
8. AN ADDITIONAL VERTICAL BAR AND FOUNDATION DOWEL MATCHING THE DETAILING CHARACTERISTICS OF THE NORMAL VERTICAL WALL REINFORCING, SHALL BE PLACED:
- a. AT THE INTERSECTION OF EXTERIOR WALLS
- b. AT THE INTERSECTION OF INTERIOR AND EXTERIOR WALLS
- c. ON EACH SIDE OF CONTROL JOINTS
9. BARS AROUND OPENINGS SHALL EXTEND NO LESS THAN FORTY (40) BAR DIAMETERS OR TWENTY FOUR (24) INCHES, WHICHEVER IS LARGER, BEYOND CORNER OPENINGS.
10. A FOUNDATION DOWEL WILL BE LOCATED AT ALL VERTICAL REINFORCING, AT A MINIMUM. DOWEL SHALL EXTEND A MINIMUM OF THIRTY TWO (32) BAR DIAMETERS INTO THE FOUNDATION AND FORTY EIGHT (48) BAR DIAMETERS INTO THE MASONRY WALL, OR TWENTY FOUR (24) INCHES, WHICHEVER IS LARGER.
11. BOND BEAM REINFORCING STEEL:
- a. AT ROOF AND FLOOR DIAPHRAGMS BOND BEAM REINFORCING SHALL BE CONTINUOUS, EXCEPT AT ISOLATION JOINTS.
- b. AT INTERMEDIATE BOND BEAMS, REINFORCING WILL TERMINATE ON EACH SIDE OF CONTROL JOINTS AND ISOLATION JOINTS.
12. HORIZONTAL JOINT REINFORCING WILL TERMINATE ON EACH SIDE OF CONTROL JOINTS AND ISOLATION JOINTS FOR ALL CMU WALLS
13. PROVIDE LADDER OR TRUSS TYPE HORIZONTAL JOINT REINFORCING AT SIXTEEN (16) INCHES O.C. MINIMUM, UNLESS NOTED OTHERWISE.
14. PROVIDE CONTROL JOINTS AT TWENTY (20) FEET O.C. (MAX) IN EXTERIOR MASONRY WALLS.
15. PROVIDE BEARING PLATES AND TWO (2) HALF (1/2) INCH DIAMETER BY EIGHT (8) INCHES WELDED ANCHORS FOR ALL STEEL BEAMS BEARING ON MASONRY. FILL CELLS AT BEARING LOCATION WITH CONCRETE AND PROVIDE TWO (2) #5 VERTICAL BARS AND VERTICAL DOWELS

REINFORCED MASONRY LINTEL SCHEDULE		
OPENING WIDTH	REINFORCING	LINTEL DEPTH
LESS THAN 5'-0"	2 - #5 BOTTOM w/ #4 TIES @ 12" O.C.	8" DP.
5'-0" TO 8'-0"	2 - #5 TOP & BOT. w/ #4 TIES @ 12" O.C.	16" DP.
8'-0" TO 12'-0"	2 - #6 TOP & BOT. w/ #4 TIES @ 12" O.C.	16" DP.

NOTES: CELLS WHICH CONTAIN STEEL REINFORCING SHALL BE FILLED SOLID, REF. GENERAL NOTES FOR MORE DETAILED INFORMATION.

WOOD NOTES

1. SAWN LUMBER FRAMING MEMBERS ARE TO BE DOUGLAS FIR-LARCH; #2 OR BETTER. THIS INCLUDES BUT IS NOT LIMITED TO, BEAMS, JOISTS, RAFTERS AND STUDS.
2. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
3. MINIMUM NAILING SHALL COMPLY WITH THE INTERNATIONAL BUILDING CODE. ALL NAILS SHALL BE COMMON WIRE NAILS.
4. PRE-DRILL HOLES, AS REQUIRED, TO PREVENT SPLITTING.
5. ALL BOLTS SHALL BE GALVANIZED. BOLT HOLES SHALL BE 1/16 INCH LARGER THAN NOMINAL DIAMETER OF THE BOLT USED.
6. STANDARD CUT GALVANIZED WASHERS SHALL BE USED, UNDER BOLT HEADS AND NUTS, AGAINST WOOD MEMBERS.
7. CHECK AND RE-TIGHTEN ALL BOLTS AND CONNECTIONS PRIOR TO CLOSING AND ADDING FINISHING.
8. DO NOT BORE OR NOTCH JOISTS, RAFTERS OR BEAMS, EXCEPT WHERE SHOWN IN DETAILS. OBTAIN APPROVAL FOR ANY HOLES OR NOTCHES NOT DETAILED.
9. HOLES THROUGH SILLS, PLATES, STUDS AND DOUBLE PLATES IN INTERIOR, BEARING AND SHEAR WALLS SHALL NOT EXCEED 1/3 THE PLATE, OR STUD WIDTH. USE BORED HOLES LOCATED IN THE CENTER OF THE STUD OR PLATE.
10. PROVIDE STEEL CONNECTORS BASED ON MEMBER SIZES, TO BE AS MANUFACTURED BY SIMPSON, OR APPROVED EQUIVALENT, AS REQUIRED.
11. WOOD TRUSSES SHALL BE HANDLED, STORED, BRACED, AND INSTALLED PER TRUSS PLATE INSTITUTE RECOMMENDATIONS.

SPECIAL INSPECTION

1. SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED IN ACCORDANCE WITH IBC (INTERNATIONAL BUILDING CODE)
2. USE A SPECIAL INSPECTOR TO PERFORM SPECIAL INSPECTIONS REQUIRED, CODES AND JURISDICTIONAL REQUIREMENTS. THE SPECIAL INSPECTOR IS A PERSON EMPLOYED BY THE CLIENT/CONTRACTOR AND APPROVED BY THE AUTHORITIES HAVING JURISDICTION, AS BEING QUALIFIED BY KNOWLEDGE AND EXPERIENCE TO PERFORM THE SPECIAL INSPECTION FOR THE CATEGORY OF WORK BEING CONSTRUCTED. SPECIAL INSPECTORS SHALL PERFORM THEIR DUTIES INDEPENDENT FROM THE CONSTRUCTION QUALITY CONTROL STAFF EMPLOYED BY THE CONTRACTOR. MORE THAN ONE SPECIAL INSPECTOR MAY BE REQUIRED TO PROVIDE THE VARIED KNOWLEDGE AND EXPERIENCE NECESSARY TO ADEQUATELY INSPECT ALL OF THE CATEGORIES OF WORK REQUIRING SPECIAL INSPECTION.
3. PER IBC, PERFORMANCE OF SPECIAL INSPECTIONS SHALL INCLUDE, BUT IS NOT LIMITED TO THE FOLLOWING BUILDING SYSTEMS; SOILS AND FOUNDATIONS, CAST-IN-PLACE CONCRETE, STRUCTURAL STEEL.

Revision	
Revision Date	Revision
5/30/2024	ISSUE FOR CONSTRUCTION

Project Title	

LITTLE FLOCK
OLD CHURCH
RESTORATION

CHEROKEE NATION

GENERAL NOTES
STRUCTURAL

Drawn	DGB	Project Number	2414
Checked	DGB		

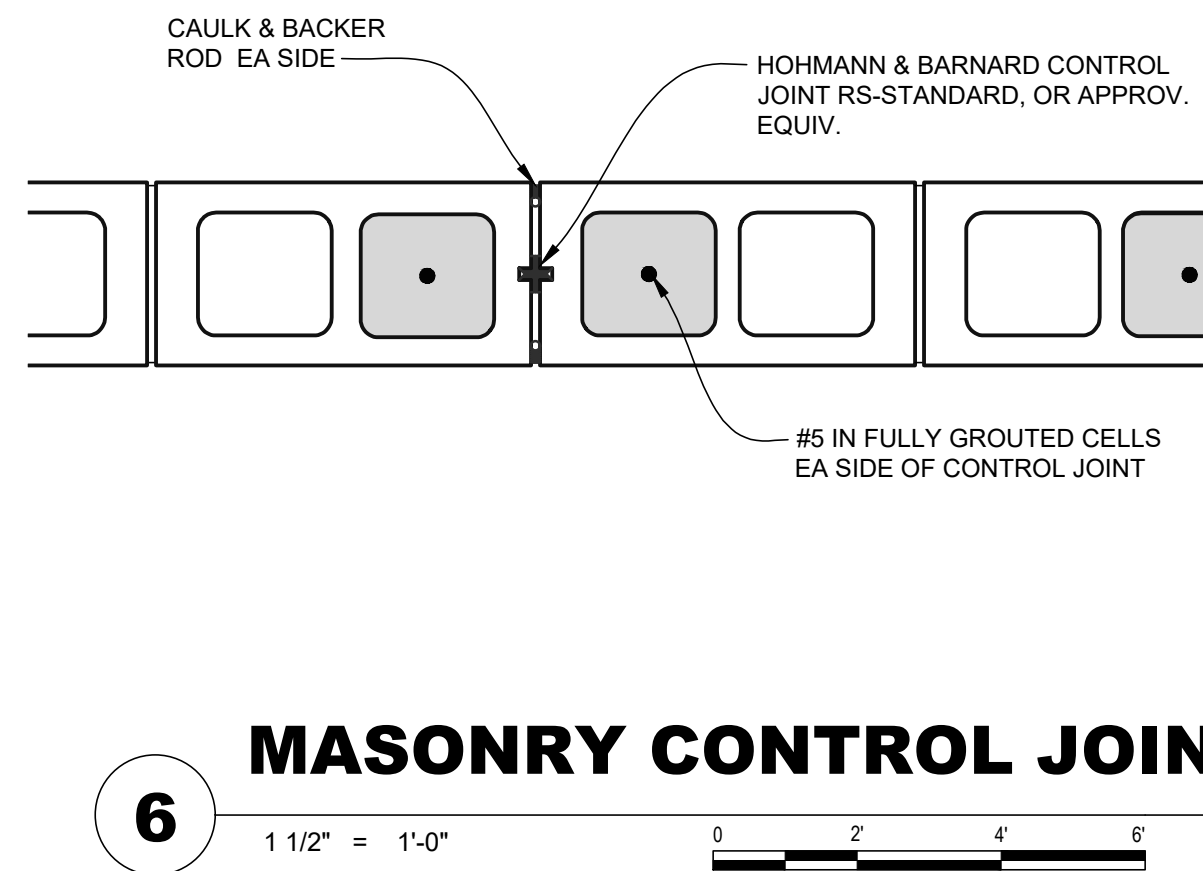
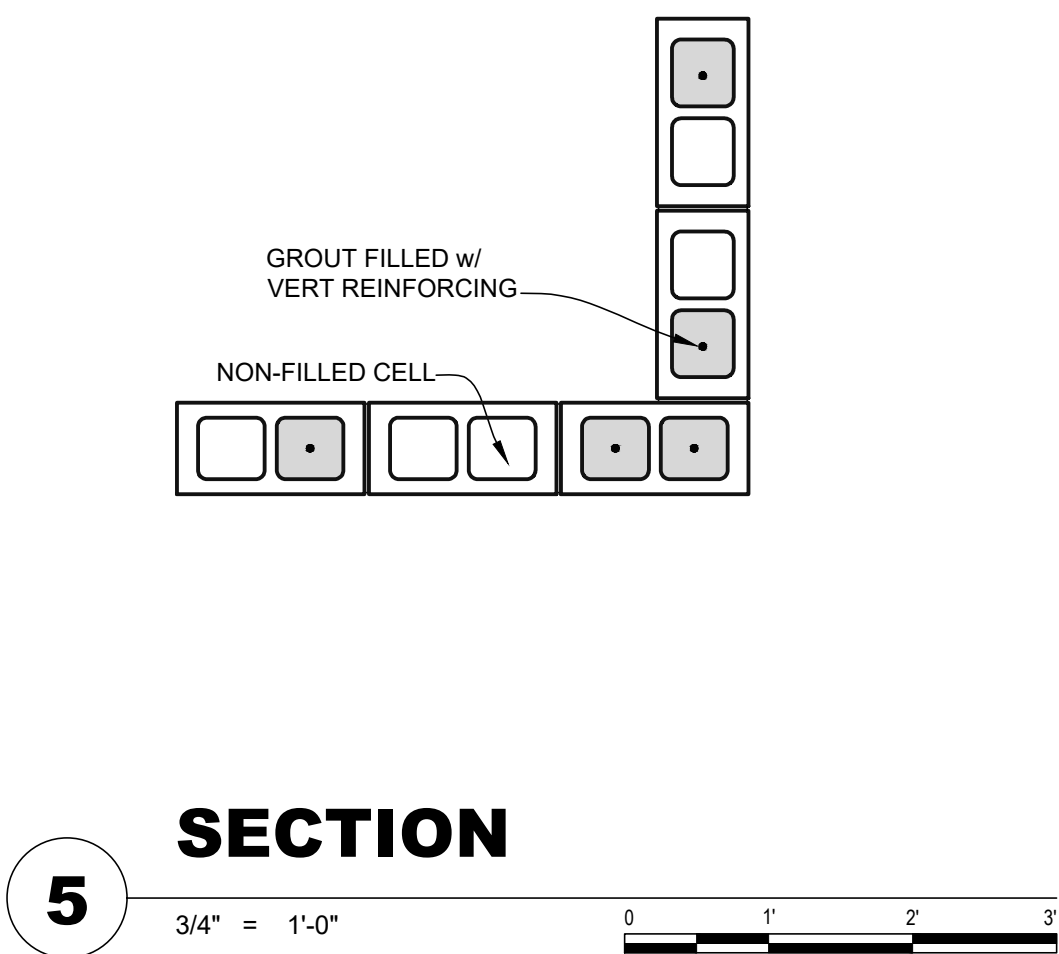
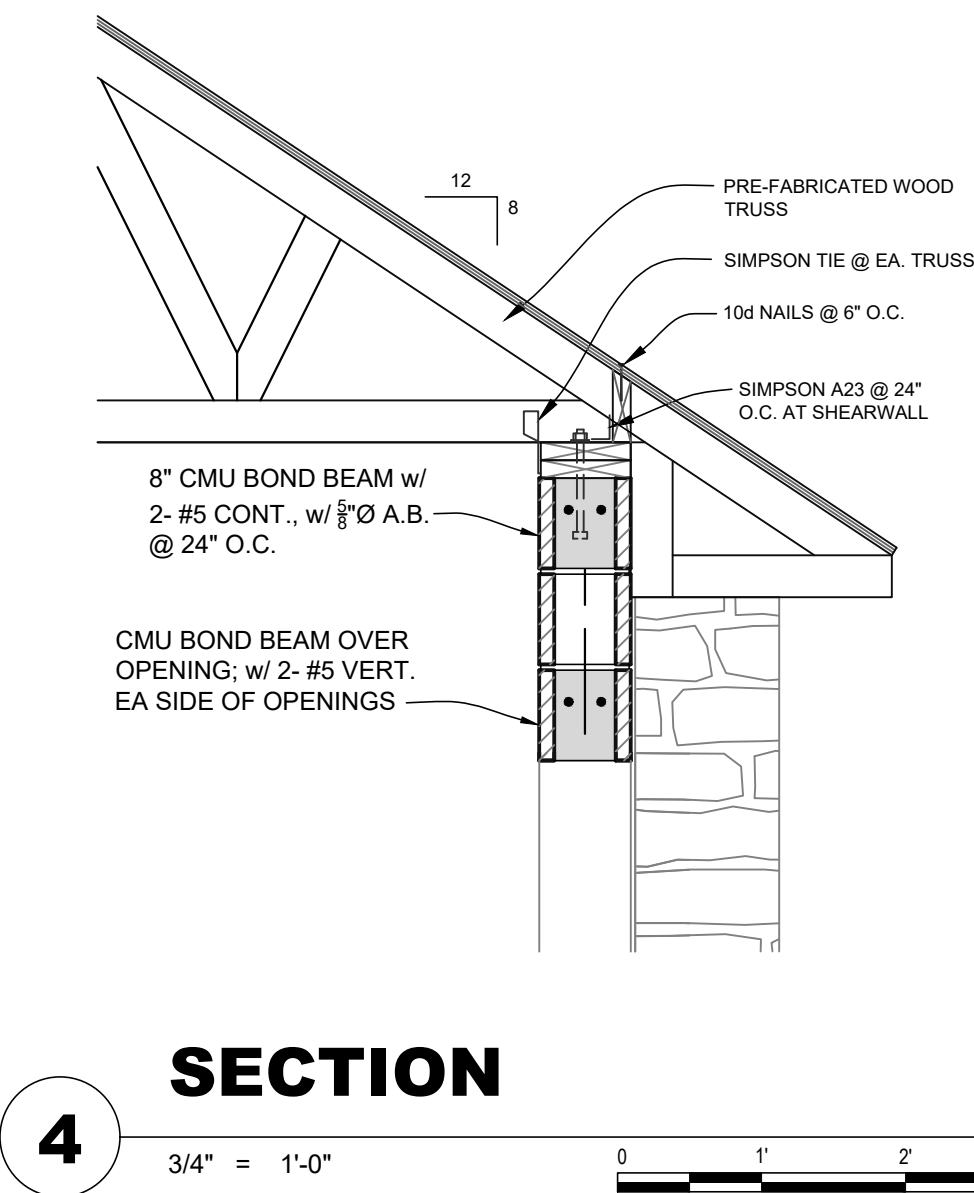
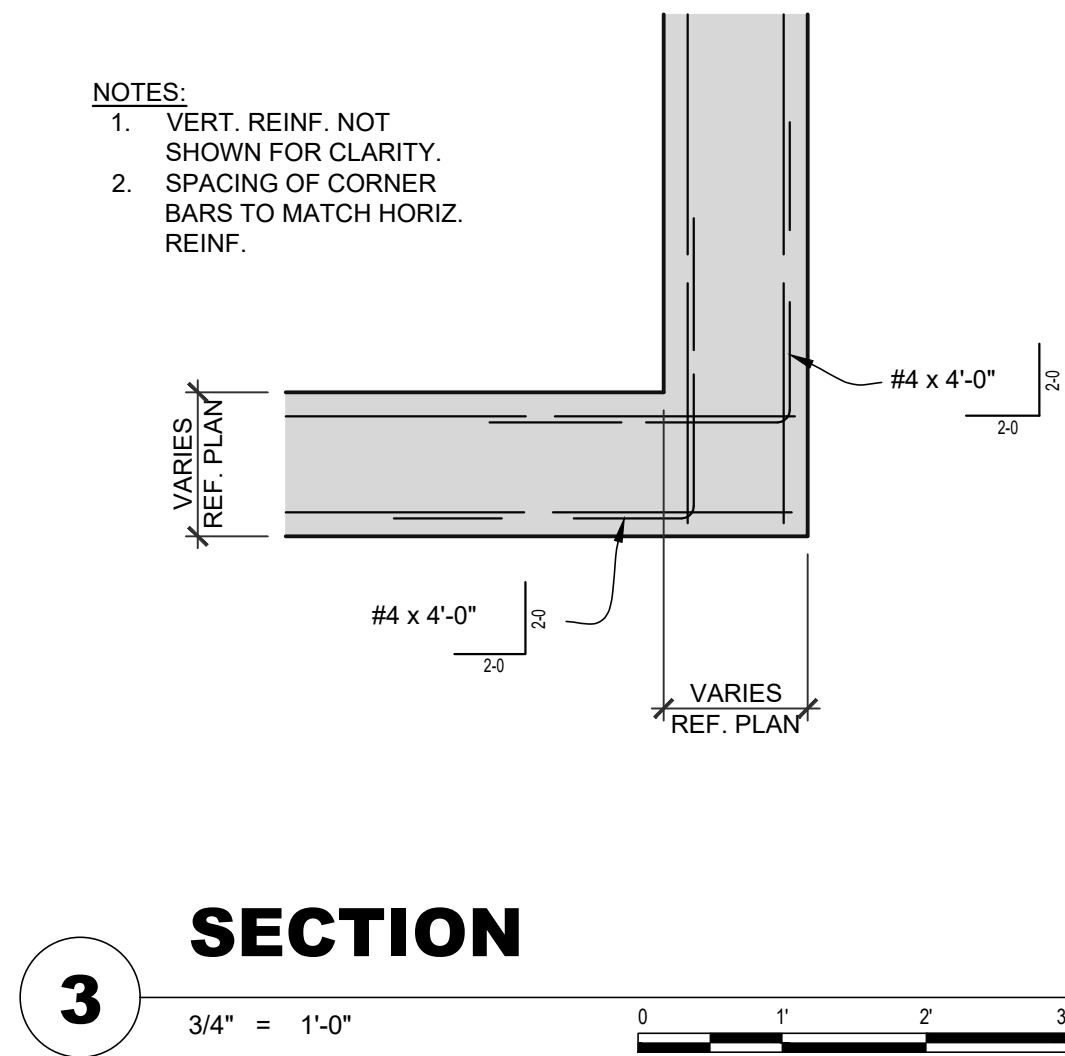
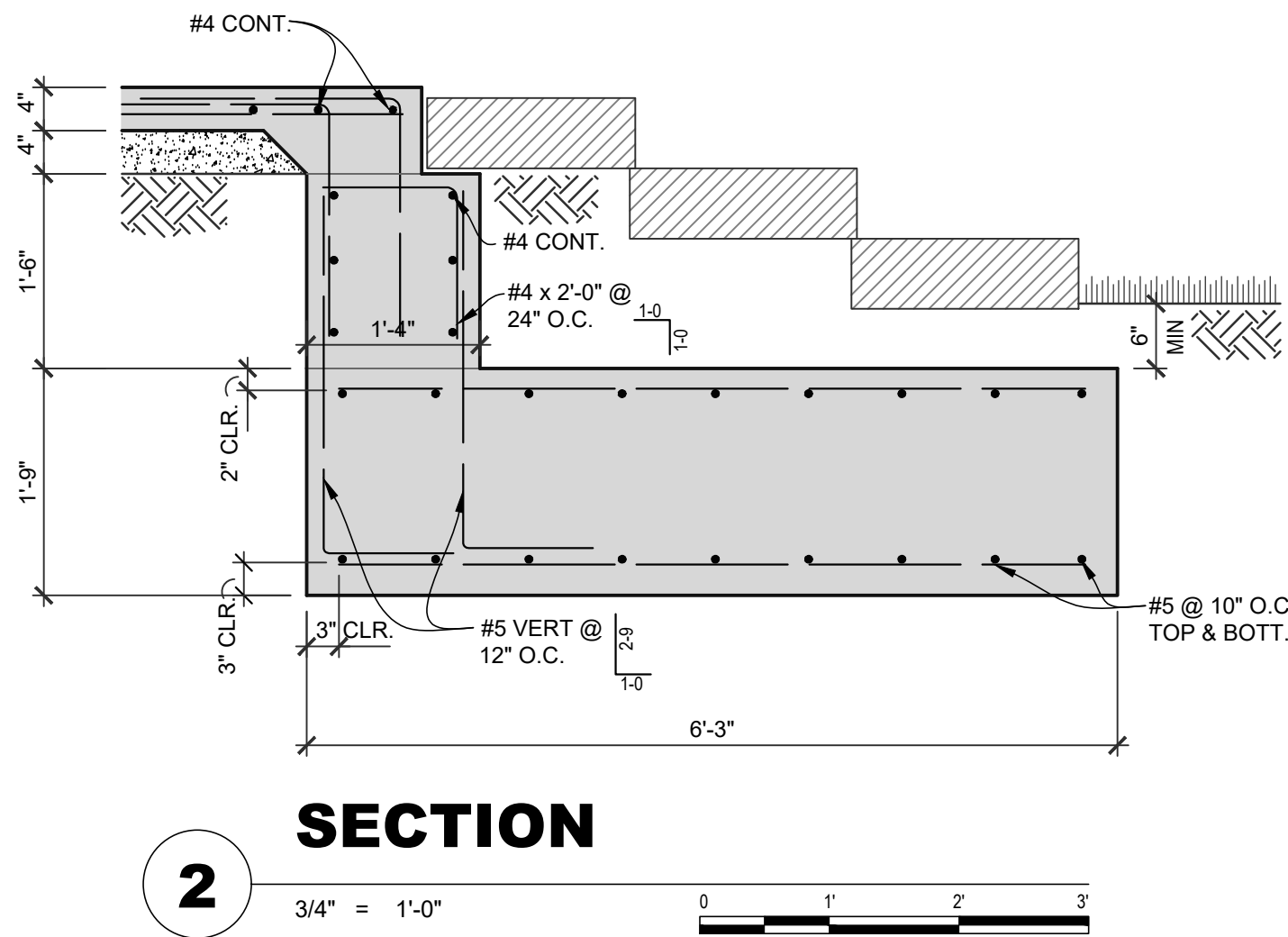
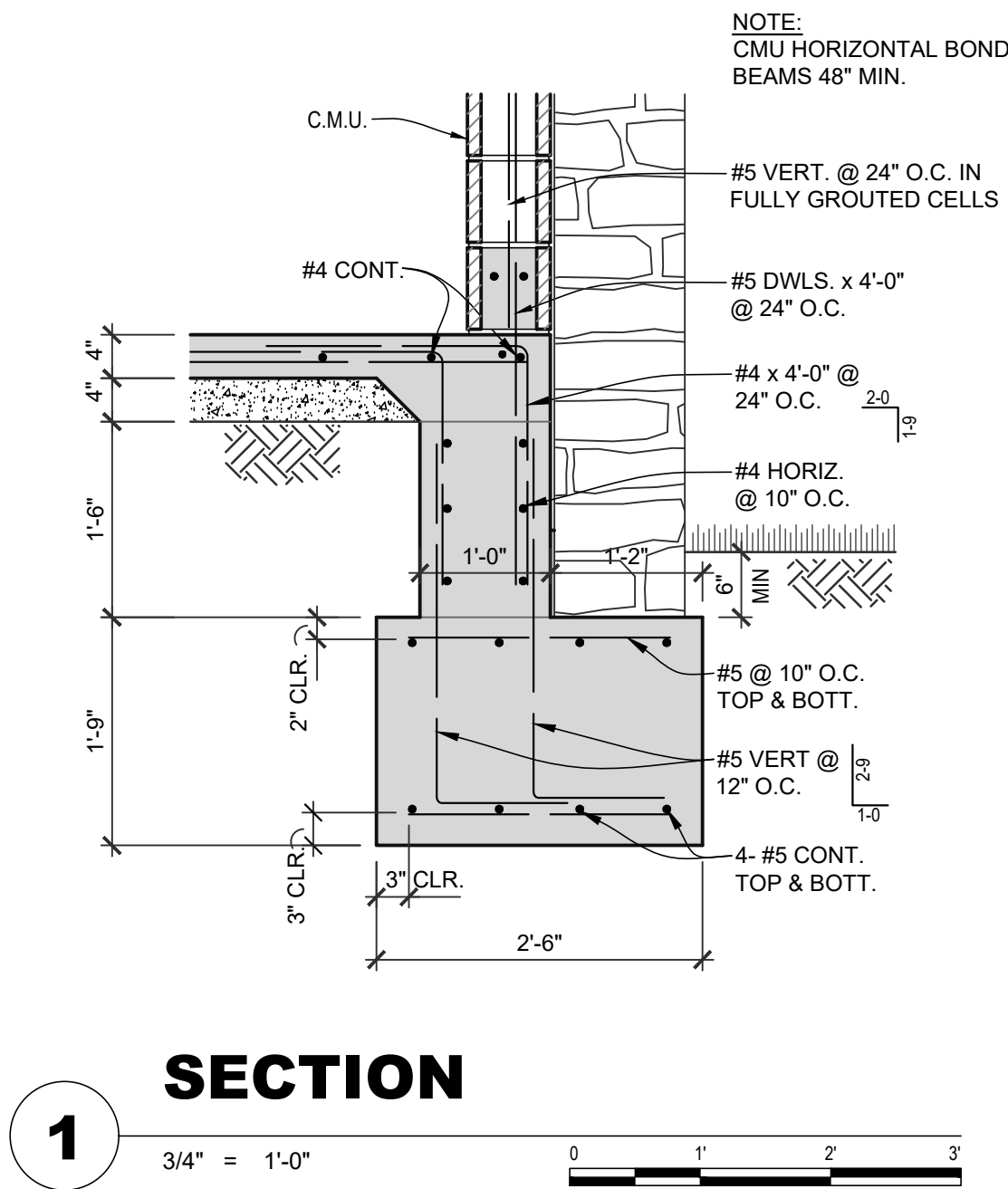
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Issue Date	5/24/2024
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S2

Revision Date	Revision
5/30/2024	ISSUE FOR CONSTRUCTION



Project Title

**LITTLE FLOCK
OLD CHURCH
RESTORATION**

CHEROKEE NATION

Sheet Title

**STRUCTURAL
DETAILS**

Drawn **DGB** Project Number **2414**

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Issue Date **5/24/2024**

Sheet Number **S3**

5/30/24