

## Addendum #2 – Elite Hall Addition

To: Bidders

From: Craig Rasmussen Craig & Rasmussen

CC: File

Date: October 2, 2025

**Re:** Revision to Bid Documents

The following summary items are included in the addenda and are to be incorporated into the Bid Documents.

1. Notes specify that the ground rod is to connect to the main water line coming into the building. Is the material type and depth of the water line known?

<u>Response</u>: The water line location is not in proximity to the electrical service location. The ground connection is to be coordinated with Hyrum City Power and Hyrum City will complete the ground connection.

2. What is the size of the existing furnace circuit that needs to be extended to the attic? There is no information on the existing panel or circuitry.

<u>Response</u>: Hyrum City Power will extend the furnace circuit to the attic or will address this otherwise at time of construction. For bidding, assume Hyrum City Power will complete the work.

3. There is reference to a soils report in the structural notes. Is there one that can be provided?

<u>Response</u>: A soils report is not available. Native soil in the adjoining craw space under the Elite Hall is generally gravelly cobble. The prior building at the site was removed and the excavation was filled with compacted granular borrow material.

4. For the slab on grade, the structural plans call for 4" gravel over compacted structural fill, but the architectural plans call for additional sand and vapor barrier. Please clarify which is correct.

<u>Response</u>: Because we are bringing up the grade, we have listed gravel over compacted fill. Sand and a vapor barrier is not required.

5. The details on plans do not show any epoxy dowels into the existing foundations. Will this be required? Response: The foundations are independent and don't require dowels between the two foundations.

6. There aren't any details specifically calling for wood or metal stud framing for the interior soffit areas. Please clarify if wood is desired or if metal stud framing will work.

Response: Wood framing, see revised A1/A-301, 1/S103, and 15/S501.

7. There is reference in the utility notes that existing utilities are shown on the plans, but there is nothing shown in the plans. Is it anticipated that existing utilities will be encountered during excavation of the new addition?

<u>Response</u>: Water service is to be connected to an existing service on the south side (Main Street) of the project. Sewer can be connected to an existing sewer service on the south or north side of the addition. It is not anticipated that existing unknown utilities will be encountered during excavation. The previous building was demolished, and utilities were removed.

8. What permits will be required to be secured by the contractor?

<u>Response</u>: Biulding permit through Cache County Building Department at No Cost to the contractor. An encroachment permit from UDOT may be required for connecting the water service line.

9. On sheet A101 there is a shorter concrete wall shown. Will you please provide additional details for this wall? Top of wall elevation, footing size, and what is going in between the two foundation walls would be helpful.

Response: See revised C1/A403 for information.

10. Is there a brick ledge in the foundation wall on the north side of the building?

<u>Response</u>: See revised Detail 3/S-501 and C4/A501 for brick ledge at widened foundation wall for supporting the brick.

11. Mason's have raised some concern with matching the existing brick size and color. Are there any other options that may be considered for the new brick on the addition?

<u>Response</u>: The brick on the addition is not intended to match the size and color of the Elite Hall, rather it is important to complement the color with standard brick size.

12. It appears that there is a roof hatch in the new addition, but there isn't any call out or specification for one. Please clarify.

<u>Response:</u> No, there are no roof hatches on the building, mechanical equipment will be accessed by ladder or through window in existing building.

13. There is some expansion material called out between the existing building and the new addition, but no specification for it. Please provide.

<u>Response:</u> The expansion joint cover for the wall is called out on A4/A501, and for the roof is C4/A502. Parapet cap to extend to existing building and be flashed/sealed.

14. B1/A403 calls for fiber reinforced concrete at the exterior concrete ramps, but there isn't a specification. What is the desired intent? That same detail also shows a footing and stem wall under the bottom stair, but there isn't any call out for those on the structural plans. Please clarify.

<u>Response:</u> See revised B1-C1/A403, revised reinforming to WWF for ramp. See revised B1-C1/A403, B4/A501 footings for retaining wall, stair and ramp.

15. There is a landscape planter called out on one of the plans, but there aren't any call outs or specifications for any landscaping. Please provide.

<u>Response:</u> Contractor to provide delegated design for the South plant and irrigation (coordinate with city) and North repair of irrigation and planting.

16. The foundation wall schedule on S001 calls for a max height of 4 feet for the FW2, but there aren't any footing steps shown on the plans. That wall would be over the 4-foot max. Please clarify.

Response: The max height was updated to 8'-0" for a concrete wall CW-2.

17. Are fire sprinklers required in the addition?

Response: Fire sprinklers are not required.

## **Clarification or Additional Information**

18. Electrical work is noted for in the crawl space below the existing Elite Hall. Please describe the crawl space conditions. – The crawl space below the Elite Hall varies in depth from 4 feet to about 2.5 feet tall with he shallower end at the south section of the building. There are existing lights in the west part of the crawl space. The crawl space is open with vertical concrete posts supporting the floor system at an approximate 10 ft by 10 feet grid. The crawl space is gravel/dirt and is accessed from a closet at the northeast corner of the Elite Hall with stairs down into a mechanical space connecting to the crawl space.

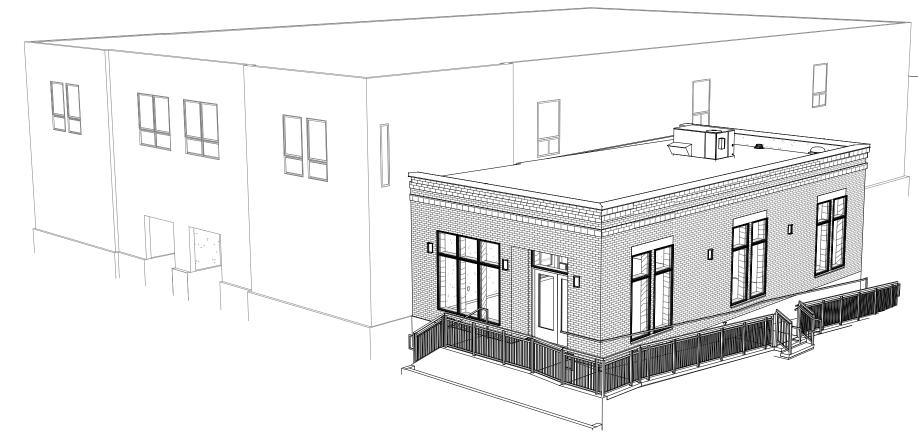
## **Attachments included with the Addendum:**

See plans noted in responses listed above.

## ELITE HALL ADDITION 98 WEST MAIN ST HYRUM, UTAH

Case, Lowe and Hart, Inc. 2484 Washington Blvd. Ste 510 Ogden, Utah 84401

> Reeve & Associates 5160 1500 W Riverdale, Utah 84405





**VICINITY MAP** 

C1	SITE PLAN	
C2	CIVIL NOTES	
MPD401	MECHANICAL AND PLUMBING DEMOLITION PLAN	
ED102	ELECTRICAL DEMOLITION PLAN - 2nd FLOOR/ATTIC	
S001	GENERAL STRUCTURAL NOTES	1
S101	FOUNDATION PLAN	
S102	SHEAR WALL PLAN	
S103	ROOF FRAMING PLAN	1
S501	FOOTING AND FOUNDATION DETAILS	1
A-001	ADA, SYMBOLS AND ABBREVIATIONS	
A-002	ADA STANDARDS	
A-003	ADA STANDARDS	
A-004	ADA STANDARDS	
A-100	OVERALL PLAN	
A-101	FOUNDATION SPACE PLAN	
A-102	FLOOR PLAN	1
A-103	FINISH FLOOR PLAN AND WALL TYPES	
A-104	REFLECTED CEILING PLAN	
A-105	SECOND FLOOR PLANS	
A-106	SECOND FLOOR REFLECTED CEILING PLAN	
A-107	ROOF PLAN	
A-201	EXTERIOR ELEVATIONS	
A-202	EXTERIOR ELEVATIONS	1
A-301	BUILDING SECTION	1
A-401	ENLARGED PLAN	
A-402	ENLARGED 2ND FLOOR PLAN	
A-403	ENLARGED PLAN	1
A-501	DETAILS	1
A-502	DETAILS	
A-503	DETAILS	
A-601	DOOR TYPES AND SCHEDULE AND WINDOW TYPES	1
P-001	PLUMBING SCHEDULES	
P-401	PLUMBING PLANS	
P-402	PLUMBING PLANS	
P-501	PLUMBING DETAILS	
M-001	MECHANICAL SCHEDULES	
M-101	NEW ADDITION MECHANICAL PLANS	
M-102	EXISTING SECOND FLOOR MECHANICAL PLAN	
M-501	MECHANICAL DETAILS	
E001	ELECTRICAL LEGEND	
E002	ELECTRICAL COMCHECK	
EL101	ELECTRICAL LIGHTING PLANS	1
EL501	ELECTRICAL LIGHTING SCHEDULES & DETAILS	
EP101	ELECTRICAL POWER PLANS	1
EP401	ELECTRICAL ELEVATION	
EP501	ELECTRICAL DETAILS	
EP701	ELECTRICAL PANEL SCHEDULES	

**DRAWING INDEX** 

CODE REVIEW & LIFE SAFETY

**BID ALTERNATE** PROVIDE COST FOR PROVIDING HARDWOOD FLOOR IN FOYER 101 AND OFFICE 103 TO MATCH EXISTING BUILDING FLOORING INCLUDING MATERIALS, COLOR

**DELEGATED DESIGN** 

PROVIDE DESIGN AND INSTALLATION OF PLANTING AND IRRIGATION OF THE SOUTH PLANTING AREA. ALSO REPAIR AND PLACEMENT AS REQUIRED OF IRRIGATION AND PLANTING ON NORTH SIDE OF



Case, Lowe & Hart, Inc

**CONSULTANTS** 



**ELITE HALL ADDITION** 

98 WEST MAIN ST HYRUM, UTAH

MARK DATE DESCRIPTION 9/30/2025 ADDENDUM 2

**ISSUE DATE:** July 08, 2025 25390 PROJECT NO. CAD DWG FILE: DRAWN BY KDL SJP CHK'D BY:

**BID/PERMIT SET** 

JULY 08, 2025

SHEET TITLE

TITLE SHEET

G-001

IF SHEET IS LESS THAN 22"x 34" IT IS A REDUCED PRINT. REDUCE SCALE ACCORDINGLY

OSB SHEATHING SHALL BE TYPE C-D, C-C STRUCTURAL GRADE. ALL OTHER GRADES SHALL BE COVERED IN IBC SECTION 2303.1.4.

- SHEATHING MAY BE INSTALLED ON EITHER SIDE OF WALL INDICATED, U.N.O. SEE TABLE OF EQUIVALENT FASTENERS FOR APPROVED SUBSTITUTIONS.
- STUDS SHALL BE DOUGLAS FIR-LARCH OR SOUTHERN PINE
- FASTENERS FOR PRESSURE PRESERVATIVE WOOD SHALL BE HOT-DIPPED, GALVANIZED STEEL OR STAINLESS
- (2) 2x NOMINAL STUDS MAY BE USED IN PLACE OF 3x NOMINAL STUDS PROVIDED THE (2) 2x NOMINAL STUDS ARE
- NAILED TOGETHER WITH 16d NAILS AT 3" O.C. STAGGER NAILING BETWEEN STUDS. STUD MAY BE A 2x MINIMAL MEMBER PROVIDED PANEL JOINTS ON BOTH SIDES OF THE WALL ARE STAGGERED AND
- DO NOT SHARE THE SAME 2x NOMINAL STUD.
- ALL HOLDOWNS MUST BE ANCHORED AS PER SIMPSON SPECS THROUGH A MIN. OF DOUBLE FULL LENGTH 2x STUDS. HOLDOWNS CAN NOT BE ANCHORED TO TRIMMERS OR CRIPPLES.
- SIMPSON SET-XP ADHESIVE SYSTEM MAY BE USED AS PER MANUFACTURER'S SPECS TO ANCHOR BOLTS IN
- 10. VALUES SHOWN ARE TO BE USED WHEN SEISMIC GOVERNS THE DESIGN AND MAY BE INCREASED 40% IF WIND
- I1. USE "J" BOLTS W/ 3"x3"x1/4" STEEL PLATE WASHER AT EACH BOLT. PROVIDE A ROUND CUT WASHER BETWEEN THE NUT OF THE ANCHOR BOLT AND THE PLATE WASHER.

FOOTING SCHEDULE									
MARK \	WIDTH	LENGTH	THICK	LENGTHWISE REINF.		CROSSWISE REINF.			
				NO.	SIZE	NO.	SIZE	SPACING	NOTES
FC-2.0	2'-0"	CONT.	10"	3	#4				REBAR CONTINUOUS
FC-2.5	2'-6"	CONT.	10"	3	#4		#4	10"	
FC-3.0	3'-0"	CONT.	10"	4	#4		#4	10"	
FT-1.5	1'-6"	CONT.	10"	2	#4				THICKENED SLAB, REBAR CONTINUOUS
FS-3.0	3'-0"	3'-0"	10"	4	#4	4	#4	EQ.	
FS-4.0	4'-0"	4'-0"	10"	4	#5	4	#5	EQ.	
TYPICAL	<u> FOOTIN</u>	<u>G SECTIOI</u>		EAR	EQ	4, 44	EQ'	EQ	3" CLEAR

3" CLEAR

SIMPSON HOLDOWN SCHEDULE							
HOLDOWN MIN. POST ANCHO							
LSTHD8	3"						
STHD10	3"						
STHD14	3"						
HDU4	3"	SB5/8x24					
HDU5	3"	SB5/8x24					
HDU8	4-1/2"	SB7/8x24					
HDU11	5-1/2"	SB1x30					
HDU14	5-1/2"	SB1x30					
MST37	3"						
MST48	3"						
MST60	3"						
MST72	3"						
(2) MST60	6"						
(2) MST72	6"						
HD12	5-1/2"	PAB8 *					

TYPICAL FOOTING REINF.

	FOUNDATION WALL SCHEDULE									
	MARK	MAX	WALL THICKNESS		VERTICAL REINF.			HORIZONTAL REINF.		
		HEIGHT			SIZE	SPACING	3 S	IZE	SPACING	
$\sim$	FW-1	8'-0	7	10"	#4	16" O.C	. ;	#4	10" O.C.	
>	FW-2	8'-0"	7	8"	#4	16" O.C.	. ;	#4	12" O.C.	
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**GENERAL NOTES:** 

- VISITS TO THE JOB SITE BY REPRESENTATIVES OF THE ENGINEER DO NOT SUBSTITUTE APPROVAL OF THE WORK PERFORMED BY THE CONTRACTOR OR HIS SUBCONTRACTORS AND ARE MERELY FOR THE PURPOSE OF OBSERVING THE WORK PERFORMED.
- 2. CONTRACTOR SHALL NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES. OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN ALL CASES, UNLESS OTHERWISE DIRECTED, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN AND BE PERFORMED.
- 3. CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND ELEVATIONS, ETC., AT THE SITE AND SHALL COORDINATE WORK PERFORMED BY ALL TRADES. SEE ARCHITECT'S PLANS FOR DIMENSIONS. DO NOT SCALE DRAWINGS
- 4. SHOP DRAWINGS SHALL BE REVIEWED BY THE ENGINEER/ARCHITECT PRIOR TO FABRICATION OR ERECTION FOR ANY PREFABRICATED OR MANUFACTURER-DESIGNED COMPONENTS AND SHALL BE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THIS
- STRUCTURE RESIDES. 5. SIZES, LOCATIONS, LOADS, AND ANCHORAGES OF EQUIPMENT SHALL BE VERIFIED IN THE FIELD WITH EQUIPMENT MANUFACTURERS (SUPPLIERS) PRIOR TO FABRICATION OR INSTALLATION OF SUPPORTING STRUCTURES
- 6. TEMPORARY BRACING SHALL BE PROVIDED WHEREVER NECESSARY TO TAKE CARE OF ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING WIND. SUCH BRACING SHALL BE LEFT IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY, OR UNTIL ALL THE STRUCTURAL ELEMENTS ARE INSTALLED.
- 7. DURING AND AFTER CONSTRUCTION THE CONTRACTOR AND/OR OWNER SHALL KEEP LOADS ON THE STRUCTURE WITHIN THE LIMITS OF THE DESIGN
- 8. CONTRACTOR AND ALL SUBCONTRACTORS SHALL PERFORM THEIR TRADES AND DUTIES IN A MANNER CONFORMING TO THE PROCEDURES AND REQUIREMENTS AS STATED IN THE 2021 INTERNATIONAL BUILDING CODE. (OR LATEST ACCEPTED CODE ADOPTED BY THE LOCAL BUILDING OFFICIALS).
- 9. ANY SPECIAL INSPECTIONS REQUIRED BY THE BUILDING OFFICIAL OR THE INTERNATIONAL BUILDING CODE ARE THE RESPONSIBILITY OF THE OWNER. 10. CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION WITHIN

AND ADJACENT TO THE JOB SITE.

- FOOTINGS, FOUNDATIONS AND SLAB ON GRADE NOTES: . ALL FOOTING SIZES ARE BASED ON AN ALLOWABLE SOIL BEARING PRESSURE AS SHOWN IN THE DESIGN CRITERIA. ANY SOIL CONDITION ENCOUNTERED DURING EXCAVATION THAT IS CONTRARY TO THOSE USED FOR DESIGN OF FOOTINGS AS OUTLINED IN WORKING DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING.
- 2. SOIL PREPARATION UNDER FOOTINGS AND SLABS ON GRADE SHALL BE IN ACCORDANCE WITH THE SOILS REPORT. FOR PROJECTS WITHOUT A SOILS REPORT CONTRACTOR/OWNER IS TO VERIFY ADEQUATE SOIL CONDITIONS ARE PROVIDED.
- 3. ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOIL OR ENGINEERED GRANULAR FILL COMPACTED TO 95% OF MAX. DENSITY, BASED ON ASTM D 1557 METHOD OF COMPACTION. FILL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES IN DEPTH AFTER COMPACTION AND SHALL EXTEND DOWN TO IN-SITU SOILS. FILL SHALL BE COMPACTED UNDER ALL CONCRETE WORK ON THE SITE.
- 4. NO FOOTINGS SHALL BE PLACED IN WATER, SNOW, FROZEN GROUND, OR
- UNSTABLE SOILS. 5. ALL EXCAVATIONS ADJACENT TO AND BELOW FOOTING ELEVATION FOR OTHER TRADES SHALL BE ACCOMPLISHED PRIOR TO POURING ANY
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR LATERALLY SUPPORTING ALL RETAINING TYPE FOUNDATION WALLS WHILE COMPACTING BEHIND WALLS
- AND UNTIL ALL SUPPORTING MEMBERS HAVE BEEN PLACED (SUCH AS FLOOR). 7. ALL REINFORCEMENTS SHALL BE SECURELY TIED IN PLACE PRIOR TO
- POURING CONCRETE. 8. PROVIDE DOWELS IN FOOTING AND FOUNDATIONS TO MATCH ALL VERTICAL BARS IN WALLS AND COLUMNS ABOVE, UNLESS NOTED OTHERWISE.
- 9. PROVIDE CONTROL JOINTS IN SLABS AT A MAX. OF 15 FT. O.C. EACH WAY AND AS SHOWN ON PLANS. AT EXTERIOR SLABS AND GARAGE FLOORS POUR SLABS BETWEEN CONTROL JOINTS SO THAT ADJACENT POURS ARE
- STAGGERED AT LEAST TWO DAYS APART. 10. ALL EXTERIOR FOOTINGS MUST BEAR AT OR BELOW FROST DEPTH, MEASURED FROM LOWEST ADJACENT FINAL GRADE.
- 11. UNLESS NOTED OTHERWISE, ALL FOOTINGS AT COLUMNS TO BE CENTERED BELOW COLUMNS.
- 12. UNLESS NOTED OTHERWISE, ALL FOOTINGS SHALL HAVE VERTICAL FACES FORMED WITH STANDARD FORMING MATERIALS ( WOOD, METAL, ETC.). WITH PRIOR APPROVAL OF ARCHITECT AND ENGINEER, CONCRETE FOR FOOTINGS CAN BE PLACED IN EXCAVATED "SOIL" FORMS PROVIDED THAT THE DIMENSIONS ARE INCREASED 3" ON EACH SIDE.
- 13. SLABS ON GRADE SHALL BE 4 INCHES THICK CONCRETE UNDERLAIN BY FREE DRAINING MATERIAL

- ALL COLUMNS, RETAINING WALLS AND ALL EXTERIOR FLATWORK, CURBS, GUTTERS, ETC., SHALL BE NORMAL WEIGHT CONCRETE WITH A COMPRESSIVE STRENGTH EQUAL TO AT LEAST 4,000 LBS. PER SQUARE INCH WITHIN 28 DAYS AFTER POURING.
- 2. ALL SUSPENDED SLABS AND BEAMS SHALL BE NORMAL WEIGHT CONCRETE WITH A COMPRESSIVE STRENGTH EQUAL TO AT LEAST 5,000 LBS. PER SQUARE INCH WITHIN 28 DAYS AFTER POURING.
- 3. ALL FOOTINGS, FOUNDATIONS, INTERIOR SLABS ON GRADE, AND SUSPENDED SLABS ON DECK SHALL BE NORMAL WEIGHT CONCRETE WITH A COMPRESSIVE STRENGTH EQUAL TO A LEAST 3,000 LBS. PER SQUARE INCH WITHIN 28 DAYS AFTER POURING.
- 4. UNLESS OTHERWISE NOTED, ALL FOUNDATION WALL VERTICAL COLD JOINTS SHALL BE KEYED WITH A KEY 1-1/2" DEEP, A LENGTH 2" LESS THAN THE MEMBER, AND A WIDTH 1/2 OF THE MEMBER. REINFORCING SHALL BE CONTINUOUS THRU JOINT.
- 5. ALL OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED WITH (2) #5 BARS EXTENDING 2'-0" MIN. BEYOND THE EDGE OF THE OPENING AT EACH FACE OF
- 6. ALL CONCRETE WORK SHALL BE PLACED, CURED, STRIPPED, AND PROTECTED AS DIRECTED BY THE SPECIFICATIONS AND ACI STANDARDS AND PRACTICES. 7. BEFORE CONCRETE IS POURED CHECK WITH ALL TRADES TO INSURE PROPER PLACEMENT OF ALL OPENINGS, SLEEVES, CURBS, CONDUITS, BOLTS, INSERTS,
- ETC. RELATIVE TO WORK. 8. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND FORMWORK. 9. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENT, CLIPS OR GROUNDS, REQUIRED TO BE ENCASED IN CONCRETE AND FLOOR
- LOCATION OF FLOOR FINISHES AND SLAB DEPRESSIONS 10. FOR STEPS IN FOUNDATION GREATER THAN 2 FEET, WRAP CORNER W/(2) #4
- BARS EXTENDING 18" EACH DIRECTION. 11. STRUCTURAL CONCRETE HAS BEEN DESIGNED AT 2,500 LBS. PER SQUARE
- INCH AND SPECIFIED AT A HIGHER STRENGTH CONCRETE AS STATED ABOVE. NO SPECIAL INSPECTIONS ARE REQUIRED PER IBC SECTION 1705.3.

**ROOF TRUSS NOTES:** 

- 1. ROOF IS TO BE CONSTRUCTED OF A PRE-MANUFACTURED TRUSS SYSTEM DESIGNED BY TRUSS MANUFACTURER.
- DESIGN TRUSSES TO LIMIT DEFLECTION TO SPAN (IN.) DIVIDED BY 240. 3. CHECK DIMENSIONS WITH ARCH. DRAWINGS. TRUSS MANUFACTURER IS RESPONSIBLE TO PROVIDE WEB AND CHORD MEMBERS TO SATISFY LOAD REQUIREMENTS.
- 4. SEE ARCHITECTURAL DRAWINGS FOR VAULTS, TRAY CEILINGS, CEILING
- GIRDER TO GIRDER CONNECTIONS PER TRUSS MANUFACTURER.
- TRUSS LAYOUT SHALL FOLLOW THE STRUCTURAL PLANS, OR TRUSS SHOP DRAWINGS NEED TO BE SUBMITTED TO REEVE AND ASSOCIATES FOR REVIEW.

UMBER NOTES 1. MEMBER GRADES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

 GLU-LAM BEAMS 24F-V4 DF/DF JOISTS DOUGLAS-FIR/LARCH #2 HEADERS DOUGLAS-FIR/LARCH #2 DOUGLAS-FIR/LARCH #2 COLUMNS STUDS NONBEARING WALLS DOUGLAS-FIR/LARCH #2 PRE-FAB JOISTS AS PER MANUFACTURER

 SILL PLATES IN CONTACT WITH CONCRETE DOUGLAS-FIR/LARCH #2 TREATED FOR MOISTURE PROTECTION WHERE NOT NOTED OTHERWISE, CONNECT ALL WOOD TO CONCRETE, WOOD TO STEEL AND WOOD TO WOOD (EXCEPT STUD TO PLATE) WITH SIMPSON

STRONG-TIE OR EQUAL STRUCTURAL CONNECTORS. ANY OTHER

SUBSTITUTION MUST BE APPROVED BY THE ENGINEER. 3. WHERE MULTIPLE SILL PLATES ARE USED, ANCHOR BOLTS SHALL EXTEND THROUGH ALL SILL PLATES.

- 4. BLOCK ALL HORIZONTAL EDGES OF PLYWOOD WALL SHEATHING WITH 2" NOMINAL BLOCKING. BLOCK EDGES OF PLYWOOD ON FLOORS AND ROOF AS DIRECTED ON DRAWINGS.
- 5. SOLID 2" NOMINAL BLOCKING SHALL BE PROVIDED AT ENDS OR POINTS OF SUPPORT OF ALL WOOD JOISTS. CROSS BRIDGING OF NOT LESS THAN 1"x3" MATERIAL SHALL BE PLACED IN ROWS BETWEEN SUPPORT POINTS NOT TO EXCEED 8'-0" APART, FOR SPANS OF 18'-0" AND GREATER.
- . ALL LEDGER BOLTS SHALL HAVE PLATE WASHERS WITH A MIN. DIA. EQUAL TO 3 TIMES THE BOLT DIA. UNLESS SHOWN OTHERWISE IN DETAILS.
- 7. MIN. NAILING SHALL BE AS PER SECTION 2304.9.1 OF THE INTERNATIONAL BUILDING CODE. 8. FASTENERS SUCH AS STAPLES, CAN ONLY BE SUBSTITUTED FOR NAILS AT A RATE EQUAL TO LOAD VALUES PROVIDED BY I.C.B.O. APPROVAL. SEE
- ATTACHED SCHEDULE. 9. JOISTS SHALL HAVE BRIDGING, BLOCKING AND NOTCHED BEARING PL AS RECOMMENDED BY THE MANUFACTURER WITH A MIN. OF ONE ROW OF
- BRACING AT MID SPAN MANUFACTURER SHALL SUPPLY AND CONTRACTOR SHALL INSTALL 10. ALL PRE-MANUFACTURED WOOD PRODUCTS SHALL BE PROVIDED BY TRUSS
- JOIST, BOISE CASCADE CORP, OR LOUISIANA PACIFIC CORP. ANY OTHER SUBSTITUTION MUST BE APPROVED BY THE ENGINEER 11. FASTENERS FOR PRESSURE PRESERVATIVE WOOD SHALL BE HOT-DIPPED
- GALVANIZED STEEL OR STAINLESS STEEL 12. BEAM SIZES ARE BASED ON A MIN. STRENGTH REQUIREMENTS. SIZES MAY BE
- INCREASED FOR ARCHITECTURAL OR CONSTRUCTION PURPOSES. 13. TYPICAL DOOR/WINDOW HEADERS TO BE (2) 2X8 UNLESS NOTED OTHERWISE.
- 14. 2-PLY AND 3-PLY PRE-ENGINEERED WOOD BEAMS SHALL BE NAILED TOGETHER AS PER MANUFACTURER'S SPECIFICATIONS. 4-PLY AND GREATER PRE-ENGINEERED WOOD BEAMS SHALL BE ATTACHED W/ (2) ROWS 1/2"Ø THRU-BOLTS @ 12" o.c., SPACED 2" FROM TOP AND BOTTOM OF BEAM. SEE MANUFACTURES SPECIFICATIONS FOR ALL OTHER CONNECTION CONDITIONS
- 15. SOLID BLOCKING OR SQUASH BLOCKS REQUIRED IN JOIST SPACE AT ALL COLUMN LOCATIONS. CARRY ALL COLUMN LOADS DOWN TO FTG. OR FDN.
- 16. ROOF SHEATHING SHALL BE 7/16" APA RATED SHEATHING W/SPAN RATING OF 24/16. LAY SHEATHING WITH FACE GRAIN AT RIGHT ANGLES TO FRAMING WITH END JOINTS STAGGERED.
- 17. FLOOR SHEATHING SHALL BE 3/4" T&G WAFER BOARD GLUED & NAILED. GLUE SHALL CONFORM TO AFG-01 ACCORDING TO APA SPECIFICATIONS.
- 18. WALL SHEATHING SHALL BE 7/16" APA RATED SHEATHING. SEE SHEAR WALL SCHEDULE FOR MORE INFORMATION.
- 19. UNLESS NOTED OTHERWISE, 8d NAILS SHALL BE USED TO FASTEN ALL ROOF AND WALL SHEATHING, AND 10d NAILS SHALL BE USED TO FASTEN ALL FLOOR
- SHEATHING TO SUPPORTING FRAMING AS FOLLOWS. a. BOUNDARY NAILING "BN": 4" O.C. AT ALL ROOF AND FLOOR SHEATHING INTO BEARING AND/OR SHEAR WALLS, TOP AND BOTTOM OF WALLS.
- b. PANEL EDGE NAILING "EN": 6" O.C. AT ALL OTHER PLYWOOD PANEL EDGES. c. PANEL FIELD NAILING "FN": 12" O.C. AT INTERIOR SUPPORTS IN FIELD OF
- 20. BLOCK JOISTS, RAFTERS AND/OR TRUSSES SOLID AT ALL BEARING POINTS. 21. PROVIDE (2) 2x STUD COLUMN AT ALL BEAMS, HEADERS, AND GIRDER TRUSS
- BEARING LOCATIONS TYPICAL UNLESS NOTED OTHERWISE. 22. ALL BOLTS THRU WOOD SHALL BE ASTM A307 AND SHALL HAVE HARDENED WASHERS UNDER ASTM A563 HEAVY HEX NUTS AND BOLT HEADS.
- 23. UNLESS NOTED OTHERWISE, ALL WALL BOTTOM PLATES TO BE ANCHORED TO FOUNDATIONS OR FOOTINGS WITH 5/8" DIAMETER ANCHOR BOLTS AT 32" O.C. WITH 8" MIN. EMBEDMENT. WALL BOTTOM PLATES AT SHEAR WALLS SHALL INCLUDE 3"x3"x1/4" STEEL PLATE WASHERS. PROVIDE A ROUND CUT WASHER
- BETWEEN THE NUT OF THE ANCHOR BOLT AND THE PLATE WASHER. 24. UNLESS OTHERWISE NOTED, ALL BEARING WALL STUDS SHALL BE 2X6 SPACED
- AT 16" O.C. BLOCK ALL NON-SHEATHED BEARING WALLS AT 4'-0" O.C. 25. EXTERIOR WALLS SHALL HAVE DOUBLE 2x TOP PLATES SPLICED WITH A MIN. OF 48" OF OVERLAP AND SHALL BE CONNECTED WITH A MIN. OF (12) 16d NAILS.

- 1. ALL REINFORCING BARS SHALL CONFORM TO ASTM STANDARD A-615 GRADE 60. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM STANDARD A-185, SHALL BE SUPPLIED IN FLAT SHEETS AND SHALL HAVE A MIN. SIDE LAP OF 8 INCHES. ADEQUATELY TIE AND SUPPORT ALL REINFORCING STEEL AS SPECIFIED BY ACI 315 TO MAINTAIN EXACT REQUIRED POSITION. ALL FIELD BENT DOWELS SHALL BE GRADE 40 WITH SPACING INDICATED REDUCED BY
- 2. REINFORCEMENT SHALL HAVE THE FOLLOWING CONCRETE COVERAGE: A. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH . . 3" B. EXPOSED TO EARTH OR WEATHER: #6 & LARGER
- #5 & SMALLER . C. NOT EXPOSED TO WEATHER OR EARTH: SLABS, WALLS, JOISTS, #11 & SMALLER BEAMS, COLUMNS: MAIN REINFORCING OR TIES . . . 1 1/2"
- D. SLAB ON GRADE: PLACE REINFORCING AT CENTER OF SLAB UNLESS INDICATED
- OTHERWISE. 3. EXCEPT WHERE NOTED, CONTINUOUS REINFORCEMENT SHALL BE SPLICED AT POINTS OF MIN. STRESS BY LAPPING 44 BAR DIAMETERS IN CONCRETE AND 50
- BAR DIAMETERS IN MASONRY 4. ALL VERTICAL REINFORCING SHALL BE DOWELED TO FOOTINGS OR STRUCTURE BELOW WITH DOWELS TO MATCH. SPLICE LENGTHS SHALL COMPLY WITH NOTE 3. DOWELS INTO FOOTINGS SHALL TERMINATE WITH A STANDARD HOOK, AND SHALL EXTEND TO WITHIN 4" OF THE BOTTOM OF THE
- FOOTING, BUT NOT MORE THAN 20" INTO FOOTING. 5. DO NOT WELD REINFORCING EXCEPT AS NOTED ON PLANS. WHERE REINFORCING IS WELDED, USE ASTM A706 REINFORCING.
- <u>BRICK VENEER NOTE:</u>
- WALL TIES SHALL BE SPACED SO AS TO SUPPORT NOT MORE THAN 2 SQUARE FEET (0.19 M) OF WALL AREA BUT SHALL NOT BE MORE THAN 24 INCHES (610 MM) ON CENTER HORIZONTALLY.
- 2. THE JOINT REINFORCEMENT SHALL BE CONTINUOUS WITH LAP SPLICES BETWEEN TIES REQUIRED. (OR AS REQUIRED BY LOCAL CODES.)

- 1. EPOXY IN CONCRETE SHALL BE "HIT RE 500 SD" BY HILTI CORPORATION, "EPCON INJECTION SYSTEM" BY RAMSET/REDHEAD, "POWER-FAST, STANDARD SET" BY POWERS, OR APPROVED EQUAL
- 2. ALL DRILLED HOLES SHALL BE SIZED PER THE MANUFACTURERS' RECOMMENDATIONS.
- 3. AFTER DRILLING THE PROPER SIZE HOLE, CLEAN THE WALLS AND BOTTOM OF THE HOLE OF ALL DUST AND DEBRIS USING A NYLON BRUSH IN CONJUNCTION WITH OIL FREE COMPRESSED AIR. THE HOLE SHALL BE FREE OF DUST, DEBRIS AND STANDING WATER.
- 4. FOLLOW ALL MANUFACTURERS' RECOMMENDATIONS FOR EPOXY INSTALLATION.

**DESIGN CRITERIA:** 2021 IBC **GOVERNING CODE** RISK CATEGORY **EARTHQUAKE IMPORTANCE FACTOR**  $I_{E} = 1.00$ RESPONSE MODIFICATION COEFFICIENT R = 6.5SPECTRAL RESPONSE COEFFICIENTS\_  $S_S = 1.063g$  $S_1 = 0.360g$  $S_{DS} = 0.851g$  $S_{D1} = 0.466g$ SEISMIC DESIGN CATEGORY SOIL SITE CLASS D (ASSUMED) BASIC SEISMIC-FORCE-RESISTING SYSTEM\_ DESIGN BASE SHEAR  $V=C_SW$ ANALYSIS PROCEDURE BASIC WIND SPEED (3 SECOND GUST) 115 MPH EXPOSURE C FROST DEPTH 30" MIN. SOIL BEARING PRESSURE 1500 PSF (ASSUMED) CONTRACTOR/OWNER TO VERIFY ADEQUATE BEARING CONDITIONS ARE PROVIDED. DEAD LOAD 15 PSF SNOW GROUND 53 PSF 37 PSF ROOF SNOW

LEGEND OF SYMBOLS AND ABBREVIATIONS

**BOUNDARY NAILING** 

CONCRETE MASONRY UNIT

**DEFORMED BAR ANCHOR** 

INTERNATIONAL BUILDING CODE

**HEADED STUD ANCHOR** 

LONG LEG HORIZONTAL

LONG LEG VERTICAL

OR APPROVED EQUAL

PERFORATED SHEAR WALL

**UNLESS NOTED OTHERWISE** 

· S<del> </del> FOOTING STEP

SECTION MARK

SHEET NUMBER

HOLDOWN ANCHOR LOCATION

**HOLDOWN ANCHOR TYPE** 

OVERBUILD AREA

OVER

WOOD BEAM

- DEPRESS FOUNDATION

WALL AND POUR SLAB

ELEVATION

**ANCHOR BOLT** 

ARCHITECT

CENTERLINE

ABOVE

BELOW

COLUMN

EQUAL

CONCRETE

CONTINUOUS

**EDGE NAILING** 

**ELEVATION** 

EACH WAY

FOOTING

**MAXIMUM** 

MINIMUM

MECHANICAL

ON CENTER

OPPOSITE

PARALLAM

REQUIRED

**SCHEDULE** 

SIMILAR

SQUARE

**TYPICAL** 

VERTICAL

STRUCTURAL

SHEAR WALL

REINFORCEMENT

PLATE

**FOUNDATION** 

FIELD NAILING

**GLUELAM BEAM** 

HORIZONTAL

ABV.

BLW.

CMU.

COL.

CONC.

CONT.

DBA.

EN.

EQ.

EW.

FDN.

FTG.

GLB.

IBC.

HSA.

LLH.

LLV.

MAX.

MIN.

OAE.

O.C.

OPP.

PSW.

PLM.

SW.

SIM.

SQ.

TYP.

UNO.

VERT.

REINF.

REQD.

SCHED.

STRUCT.

MECH.

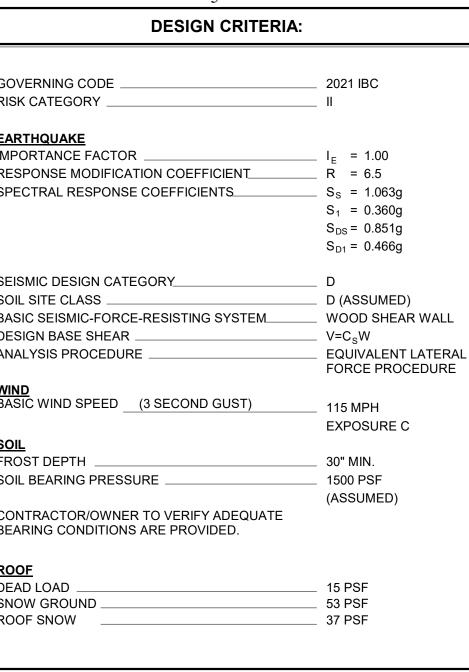
HORIZ.

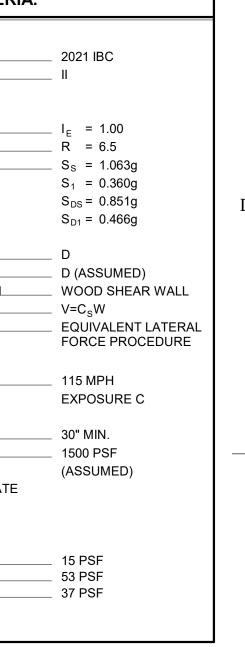
FN.

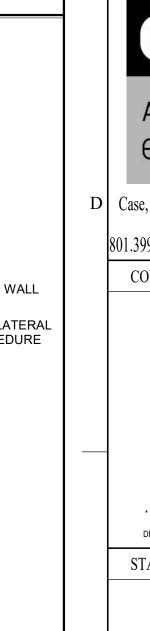
ELEV.

CL.

ARCH.









CONSULTANTS

TEL: (801) 621-3100 FAX: (801) 621-2666 www.reeve.co LAND PLANNERS \* CIVIL ENGINEERS

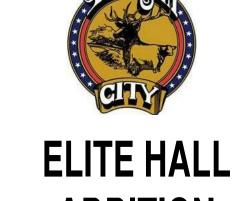
\* LAND SURVEYORS \* TRAFFIC ENGINEERS \* STRUCTURAL **ENGINEERS \* LANDSCAPE ARCHITECTS** DRAWN BY: A.W.B. ENGINEER: J.M.G. PROJECT #: 6528-33

5160 SOUTH 1500 WEST

RIVERDALE, UTAH 84405

STAMP





98 WEST MAIN ST HYRUM, UTAH

MARK | DATE | DESCRIPTION

ISSUE DATE: JULY 02, 2025 18320 PROJECT NO: CAD DWG FILE: A.W.B. DRAWN BY: CHK'D BY: J.M.G.

> **BID/PERMIT SET** JULY 02, 2025

SHEET TITLE

**GENERAL** STRUCTURAL **NOTES** 

SHEET NO:

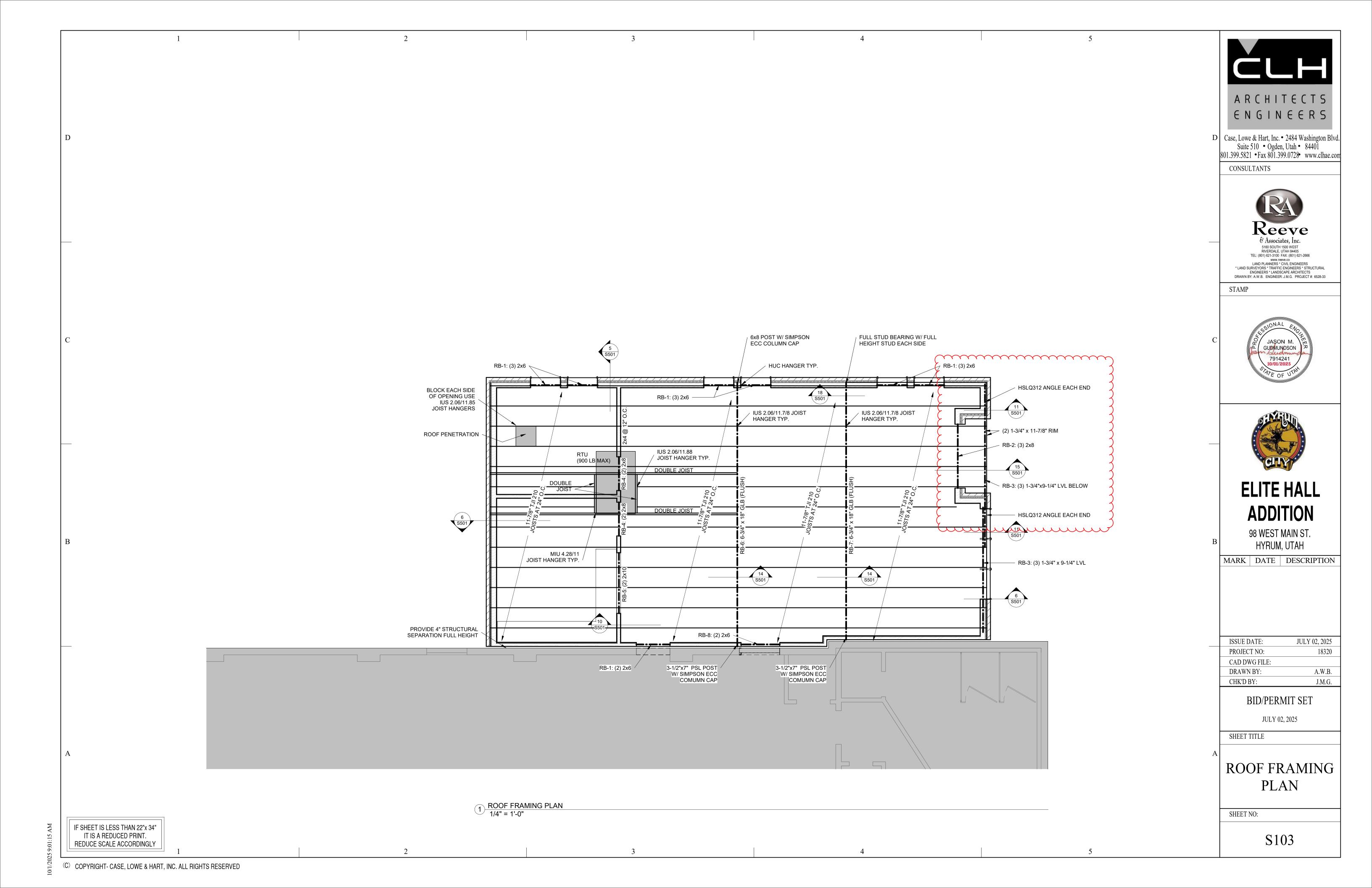
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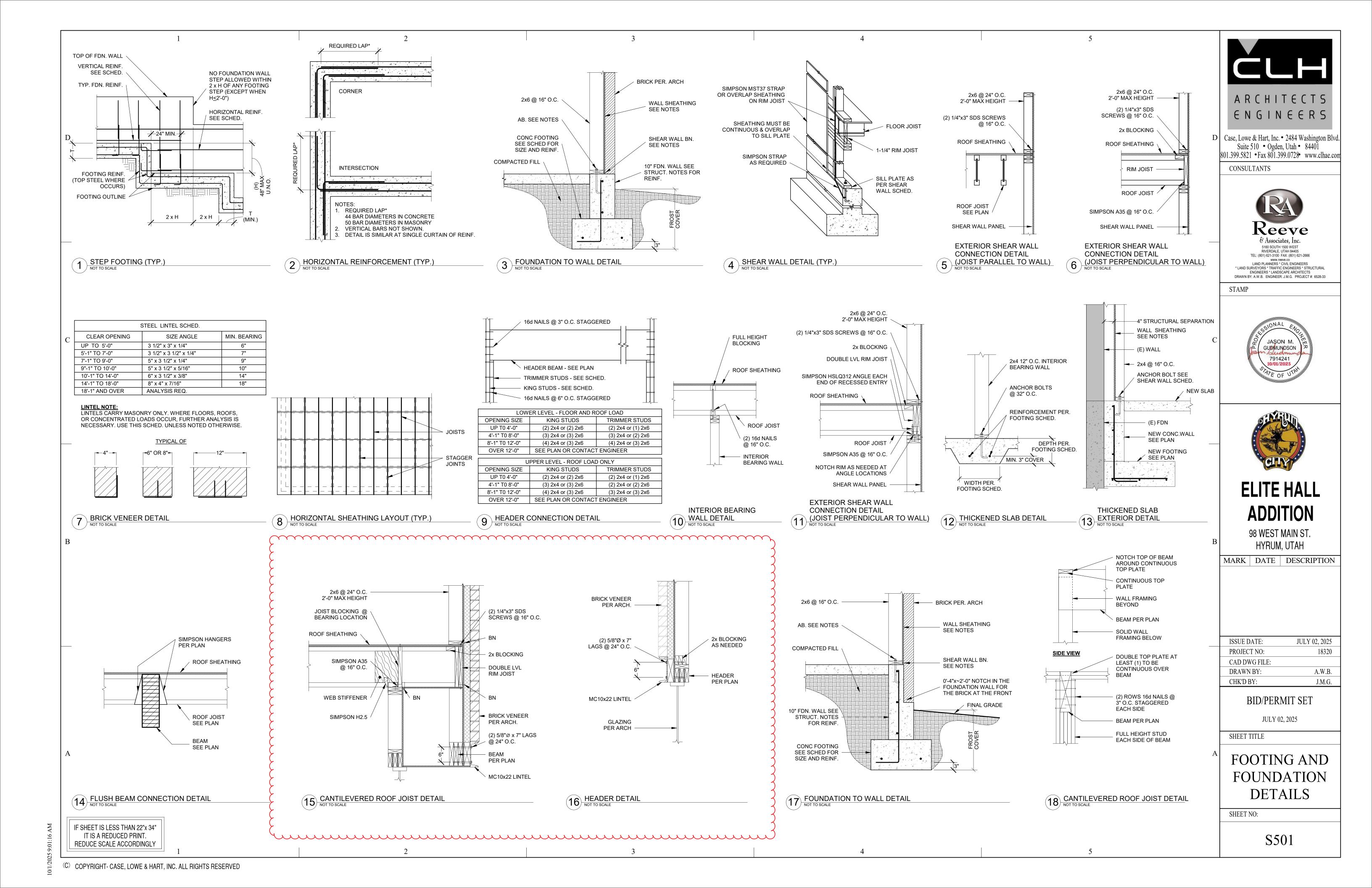
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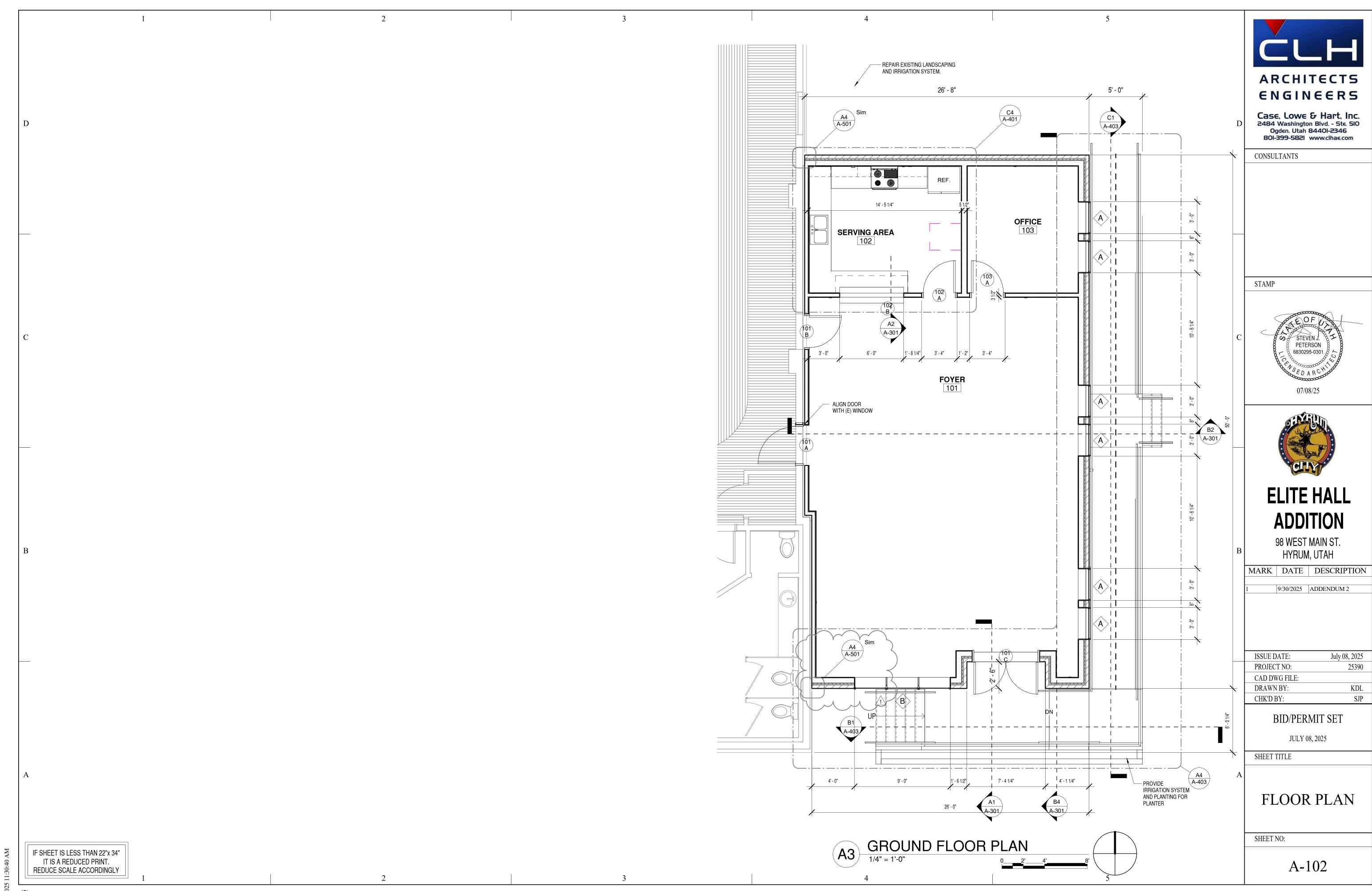
IF SHEET IS LESS THAN 22"x 34"

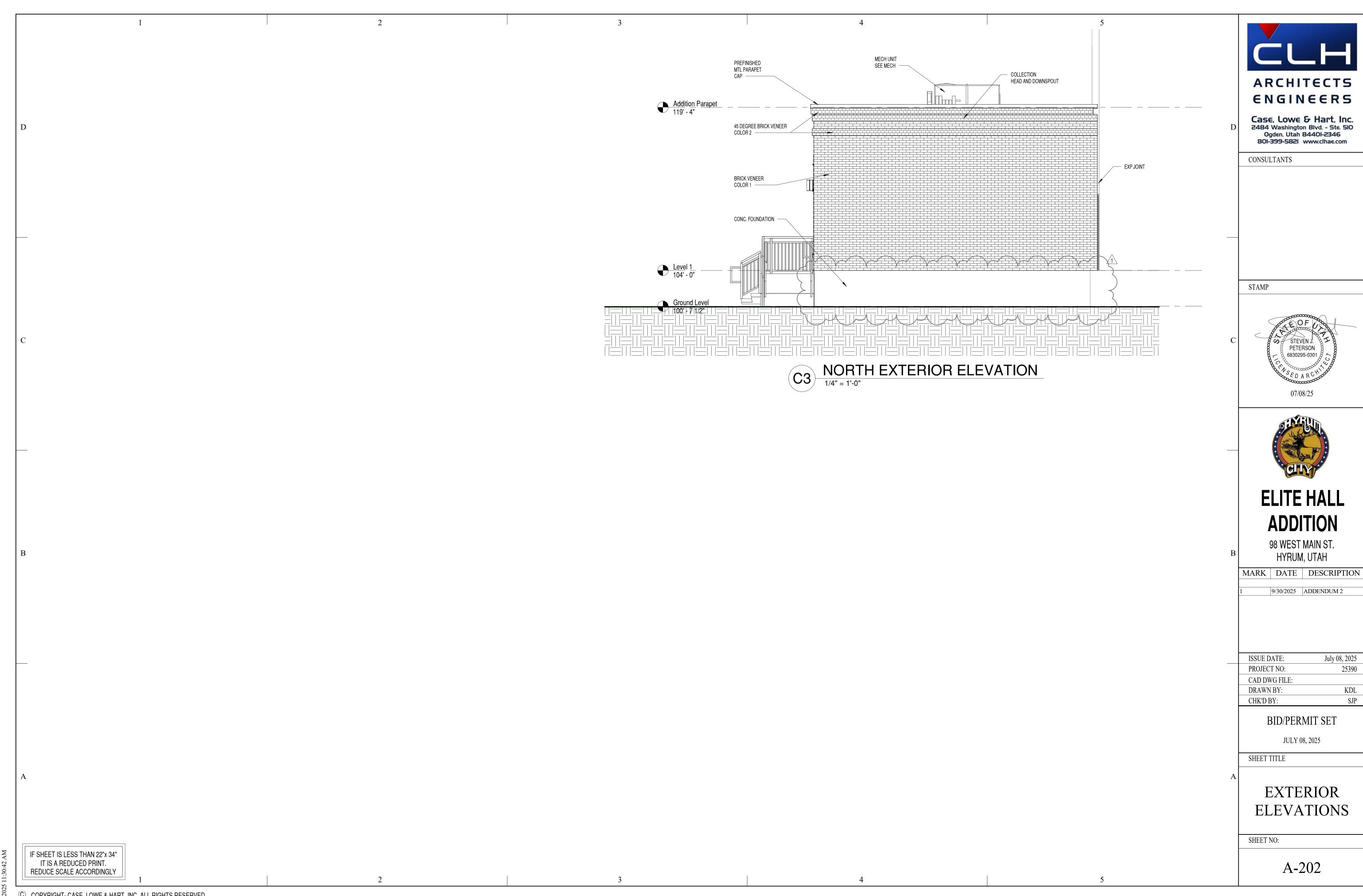
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