



Addendum #1

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents and/or prior Addenda as noted below. All conditions, requirements, materials, and workmanship are to be as described in the Contract Documents unless specifically stated otherwise. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of (2) 8 1/2" x 11" sheets and (9) 24" x 36" sheets.

Date

Tue, 5 Aug 2025

Owner Property Number

502-2036

BHDA Project Number

2429

Project Designation

Smithfield 19 &
Smithfield UT North Stake

Project Address

approx. 801 East Upper Canyon Road
Smithfield, Utah

Copies To

Brian ChildsChurch Project Manager
Mike FelixChurch Facilities Manager
Invited Bidders
Architect's Consultants

Bid Opening Time

Tue, 19 Aug 2025, at 2:00 pm

Bid Opening Location

via ConsLog: https://conslog.daily.co/pre_bid_7860

1. Changes to Prior Addenda

1.01. None.

2. Changes to Procurement and Contracting Requirements

2.01. None.

3. Changes to Specifications

3.01. None.

4. Changes to Drawings

4.01. Sheet L120 Landscape Irrigation Plan

A. Add this Sheet to the Contract Documents.

4.02. Sheet L121 Landscape Irrigation Plan - West

A. Add this Sheet to the Contract Documents.

4.03. Sheet L122 Landscape Irrigation Plan - East

A. Add this Sheet to the Contract Documents.

4.04. Sheet S101 Footing and Foundation Plan

- A. Replace this sheet with the attached revised sheet.
1. Modified column types and locations.

4.05. Sheet S102 Anchor Bolt, Holdown, and Wall Type Plan

- A. Replace this sheet with the attached revised sheet.
1. Modified several wall types.

4.06. Sheet S105 Equipment Platform Framing Plan

- A. Replace this sheet with the attached revised sheet.
1. Modified platform partition header.
 2. Modified various beams.
 3. Removed joist framing for equipment platform in back hallway.

4.07. Sheet S514 Equipment Platform Framing Details

- A. Replace this sheet with the attached revised sheet.
1. Modified platform header detail.

4.08. Sheet S601 Schedules

- A. Replace this sheet with the attached revised sheet.
1. Updated year of IBC used.

4.09. Sheet S604 Schedules

- A. Replace this sheet with the attached revised sheet.
1. Updated lintel notes.

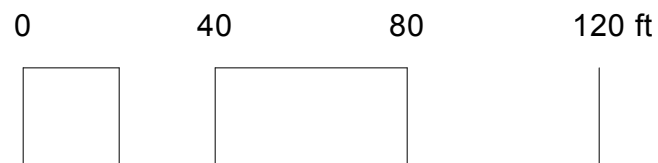
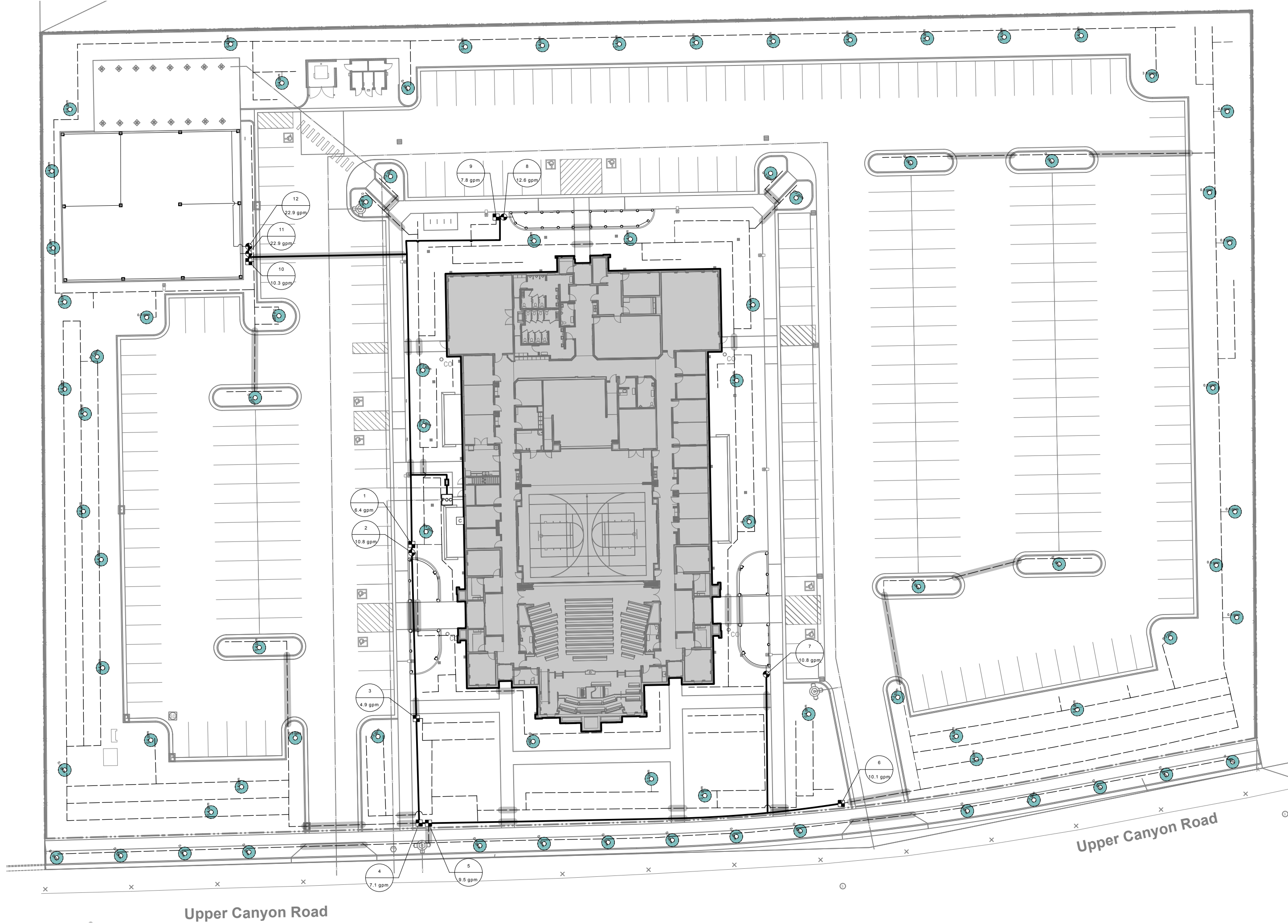
End of Addendum #1

IRRIGATION SCHEDULE

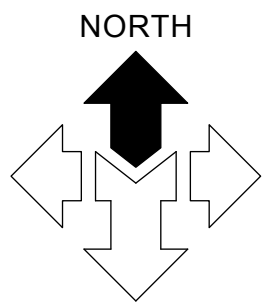
SYMBOL	TYPE	MANUFACTURER	MODEL	DETAIL
OUTLETS				
⦿	MPR Fixed Nozzles	RAIN BIRD	1804-SAM-PRS-10Q	A/L502
⦿	MPR Fixed Nozzles	RAIN BIRD	1804-SAM-PRS-10H	A/L502
⦿	MPR Fixed Nozzles	RAIN BIRD	1804-SAM-PRS-10Q+	A/L502
⦿	MPR Fixed Nozzles	RAIN BIRD	1804-SAM-PRS-15Q	A/L502
⦿	MPR Fixed Nozzles	RAIN BIRD	1804-SAM-PRS-15H	A/L502
■	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-35H	A/L502
■	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-35F	A/L502
■	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-35Q	A/L502
DRIP AREAS				
⦿	TREE DRIP RING W/ ROWS SPACED @ 24" APART	NETAFIM	TLCV9-12	I/L502
VALVES				
■	DRIP CIRCUIT CONTROL VALVE	RAIN BIRD	XCZ-100-PRB-COM DRIP ZONE KIT WITH 100-PEB CONTROL VALVE AND BASKET FILTER WITH BUILT-IN PRV	F/L502
⦿	LAWN CIRCUIT CONTROL VALVE	RAIN BIRD	150-PESB	E/L502
OTHER EQUIPMENT				
C	SMART CONTROLLER	HYDROPOINT	WEATHERTRAK ET PRO3	B/L504
POC	POINT OF CONNECTION			A/L503
■	CONCRETE PAD FOR BACKFLOW PREVENTER			C/L503
PIPE				
---	1" DRIP SUPPLY LINE. 1/2" FUNNY PIPE AND EMITTERS NOT SHOWN ON PLAN FOR GRAPHIC CLARITY.		SCHEDULE 40 PVC PIPE WITH SCHEDULE 40 PVC FITTINGS.	C/L502
---	1-1/2" MAIN LINE		SCHEDULE 40 PVC PIPE WITH SCHEDULE 80 PVC FITTINGS.	C/L502
---	3/4" - 1-1/2" LATERAL LINE		SCHEDULE 40 PVC PIPE WITH SCHEDULE 40 PVC FITTINGS.	C/L502
---	PIPE SLEEVE UNDER NEW PAVING		SCHEDULE 40 PVC	D/L502
#	VALVE NUMBER			
gpm	VALVE FLOW			

EMITTER SCHEDULE

PLANT NAME	DRIP EMISSION DEVICE	MANUFACTURER	MODEL	DETAIL
FRONTIER ELM	Tree Drip Ring	NETAFIM	TLCV9-12	I/L502
GREEN VASE ZELKOVA	Tree Drip Ring	NETAFIM	TLCV9-12	I/L502
PINYON PINE	(2) 5-GPH Emitter	RAIN BIRD IRRIGATION	PCT05 (BEIGE)	F/L504
PRAIRIE SENTINEL COMMON HACKBERRY	Tree Drip Ring	NETAFIM	TLCV9-12	I/L502
ROCKY MOUNTAIN JUNIPER	(2) 5-GPH Emitter	RAIN BIRD IRRIGATION	PCT05 (BEIGE)	F/L504
SPRING FLURRY SERVICEBERRY	Tree Drip Ring	NETAFIM	TLCV9-12	I/L502
TATARIAN MAPLE	Tree Drip Ring	NETAFIM	TLCV9-12	I/L502
VANDERWOLF'S PYRAMID PINE	Tree Drip Ring	NETAFIM	TLCV9-12	I/L502
ATLAS FESCUE	(1) 1-GPH Emitter	RAIN BIRD IRRIGATION	XBT10 (BLACK)	E/L504
BLONDE AMBITION BLUE GRAMA GRASS	(1) 1-GPH Emitter	RAIN BIRD IRRIGATION	XBT10 (BLACK)	E/L504
COMMON SNOWBERRY	(1) 2-GPH Emitter	RAIN BIRD IRRIGATION	XBT20 (RED)	E/L504
FOERSTER'S FEATHER REED GRASS	(1) 2-GPH Emitter	RAIN BIRD IRRIGATION	XBT20 (RED)	E/L504
GRO-LOW FRAGRANT SUMAC	(1) 2-GPH Emitter	RAIN BIRD IRRIGATION	XBT20 (RED)	E/L504
LACETTE FRAGRANT SUMAC	(1) 2-GPH Emitter	RAIN BIRD IRRIGATION	XBT20 (RED)	E/L504
PANCHITO MANZANITA	(1) 2-GPH Emitter	RAIN BIRD IRRIGATION	XBT20 (RED)	E/L504
PAWNEE BUTTES WESTERN SAND CHERRY	(1) 2-GPH Emitter	RAIN BIRD IRRIGATION	XBT20 (RED)	E/L504
SAPPHIRE BLUE OAT GRASS	(1) 1-GPH Emitter	RAIN BIRD IRRIGATION	XBT10 (BLACK)	E/L504
SMOOTH SUMAC	(1) 5-GPH Emitter	RAIN BIRD IRRIGATION	PCT05 (BEIGE)	E/L504
STEPPSUNS SUNSET GLOW PENSTEMON	(1) 1-GPH Emitter	RAIN BIRD IRRIGATION	XBT10 (BLACK)	E/L504
SUMMER WINE NINEBARK	(1) 2-GPH Emitter	RAIN BIRD IRRIGATION	XBT20 (RED)	E/L504
UTAH SERVICEBERRY	(1) 5-GPH Emitter	RAIN BIRD IRRIGATION	PCT05 (BEIGE)	E/L504



ENTIRE SHEET ADDED TO BID DOCUMENTS



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NOTICE!

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECTION, AND RESTORATION OF ALL BURIED OR ABOVE GROUND UTILITIES, SHOWN OR NOT SHOWN ON THE PLANS.

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Smithfield 19
Smithfield UT North Stake

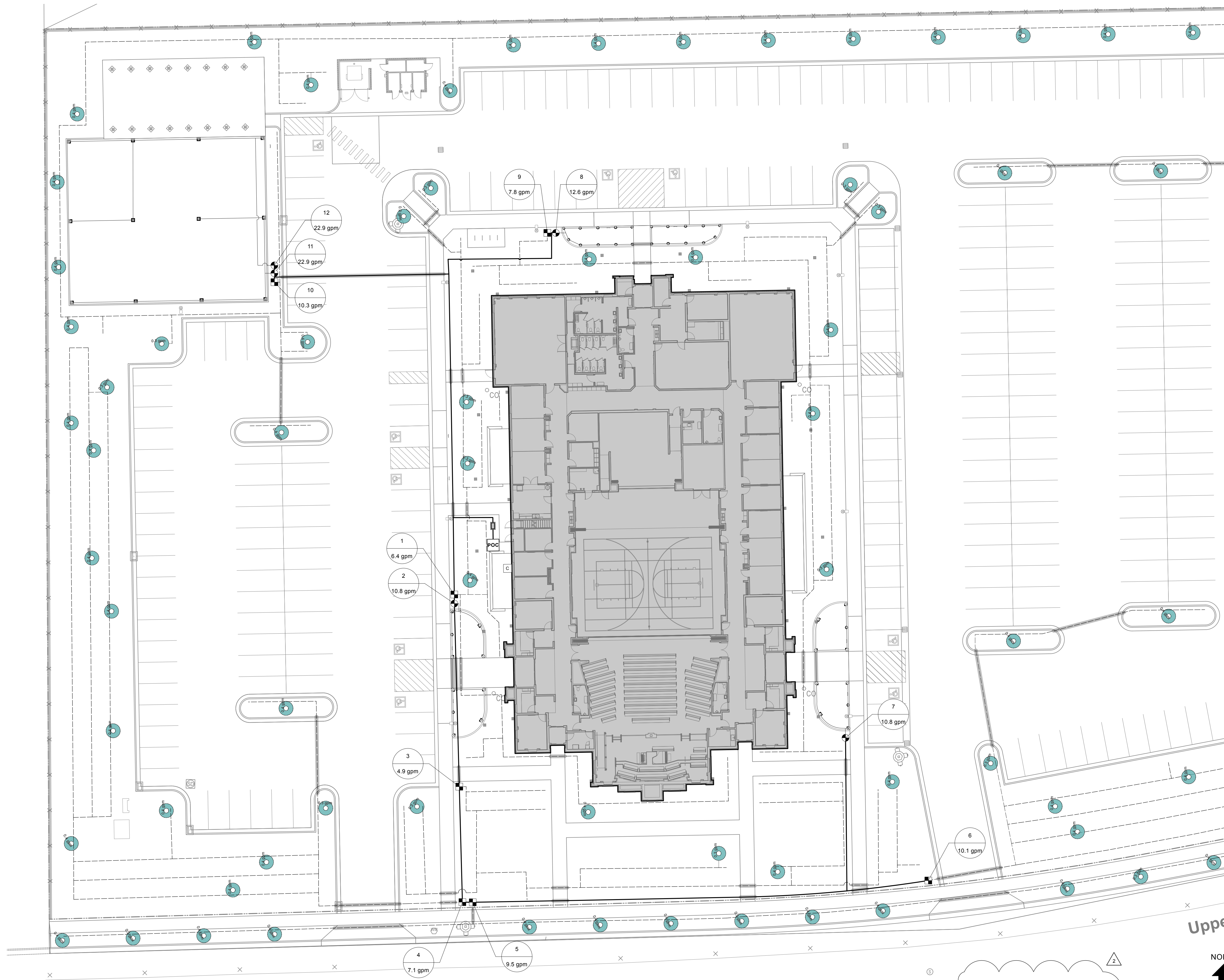
Approx. 801 East Upper Canyon Road (6400 North), Smithfield, Utah
41.846455, -111.809926

Date:	BHD #:	County Parcel:	Plan Series:	Owner #:
18 July 2025	2429	08-045-0009	Heritage 24	502-2036

Drawing Issue and Revision Schedule	Description
#	Adendum #1
1	Date: 3 Aug 2025
2	

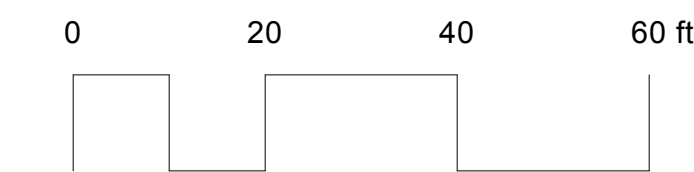
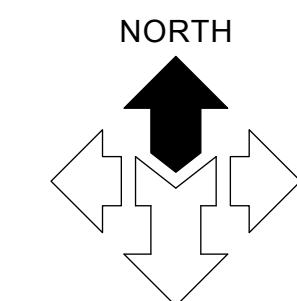
Landscape Irrigation Plan

L120



Upper Canyon Road

ENTIRE SHEET ADDED
TO BID DOCUMENTS



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GENERAL NOTE

1. REFER TO SHEET L120 FOR IRRIGATION & EMITTER SCHEDULES

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STATE OF UTAH
08/05/2025
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349757
LICENSED LANDSCAPE ARCHITECT

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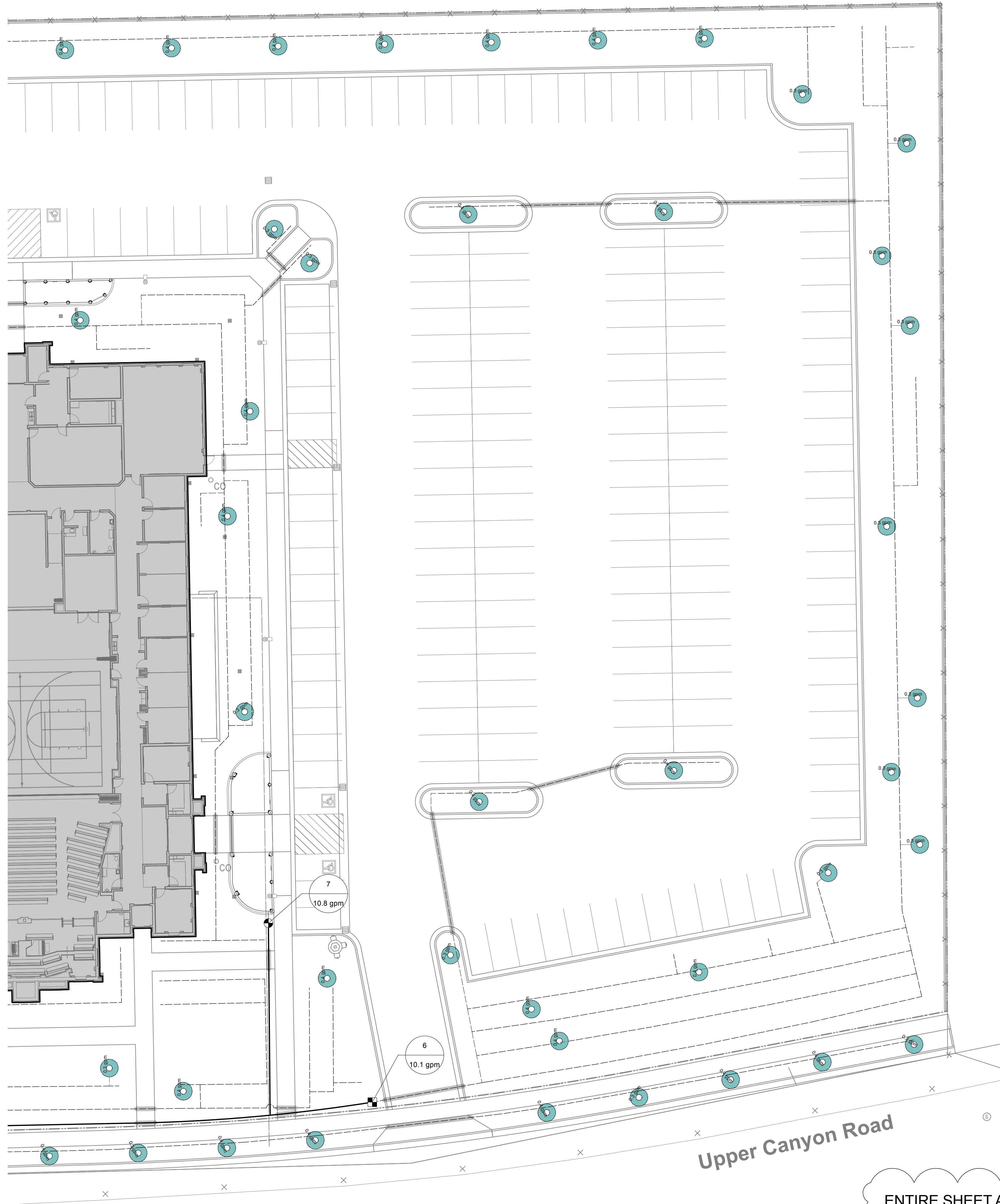
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Smithfield UT North Stake
Approx. 801 East Upper Canyon Road (6400 North), Smithfield, Utah
41.846455, -111.809826

Date:	18 July 2025	BHD #:	2429	County Parcel:	08-045-0009	Plan Series:	Heritage 24	Owner #:	502-2036
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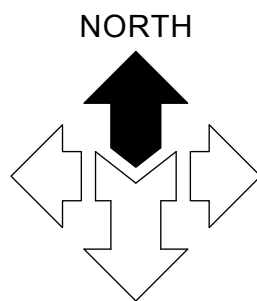
Drawing Issue and Revision Schedule	
#	Description
1	Date: 3 Aug 2025
2	Adendum #1

Landscape
Irrigation Plan -
West

L121



ENTIRE SHEET ADDED
TO BID DOCUMENTS



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GENERAL NOTE

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Drawing Issue and Revision Schedule		
#	Date	Description
1	3 Aug 2025	Adendum #1
2		

Landscape
Irrigation Plan -
East

L122

Smithfield 19
Smithfield UT North Stake

Approx. 801 East Upper Canyon Road (6400 North), Smithfield, Utah
41.846455, -111.809826

Date: 18 July 2025

BHD #: 2429

County Parcel: 08-045-0009

Plan Series: Heritage 24

Owner #: 502-2036

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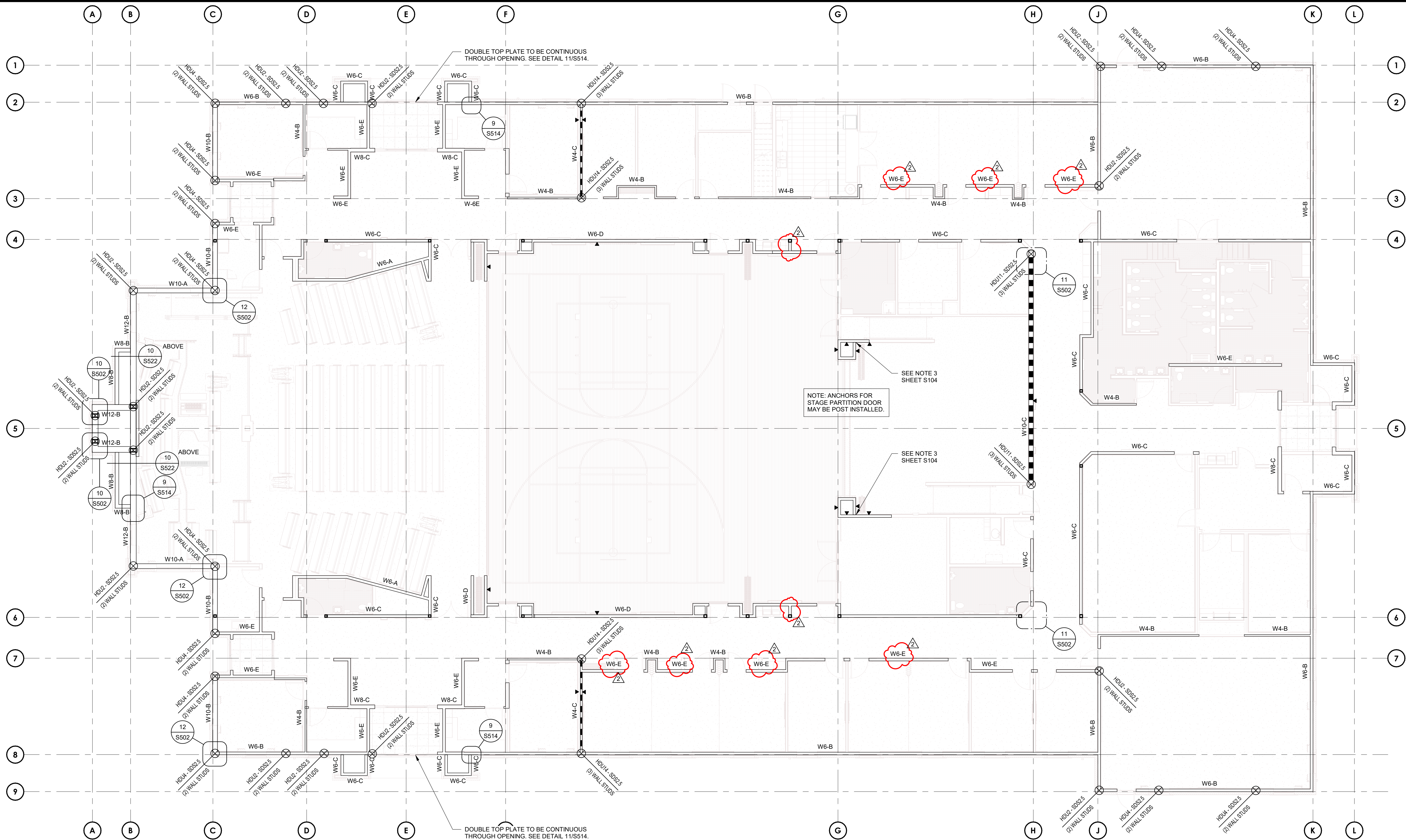




1. SEE SHEET S602 FOR CONCRETE FOOTING SCHEDULE AND CONCRETE FOUNDATION WALL SCHEDULE.
2. VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT AND ENGINEER OF DISCREPANCIES FOUND.
3. INTERIOR CONCRETE FLOOR SLAB ON GRADE TO BE 4" THICK WITH #4 BARS AT 18" ON CENTER EACH WAY WITH 1" CLEAR TO TOP SURFACE.
4. NO CONTROL JOINTS ALLOWED IN INTERIOR CONCRETE SLAB ON GRADE UNLESS APPROVED BY ARCHITECT.
5. FINISH FLOOR ELEVATION IS 100'-0".
6. SEE DETAIL 1/5501 FOR TYPICAL PILE PERPENDICULAR AND PARALLEL TO FOOTING DETAIL.
7. SEE DETAIL 2/5501 FOR TYPICAL REINFORCING AT INTERSECTIONS IN CONCRETE WALLS.
8. SEE DETAIL 3/5501 FOR TYPICAL SILL PLATE BOLTING DETAIL.
9. SEE DETAIL 4/5501 FOR TYPICAL STEPPED FOOTING DETAIL.
10. SEE DETAIL 8/5501 FOR TYPICAL SILL ON GRADE DETAIL.
11. SEE ARCH FOR RECESSED FLOOR SLAB AREAS. SEE 5/5501, AND 7/5502 FOR DETAIL AT STEP IN FLOOR. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
12. RECESS FOUNDATION WALL 8" AT DOORWAYS AND POUR SLAB THRU OPENINGS. SEE 2/5502.
13. SEE DETAIL 9/5501 WHERE SPOT FOOTINGS AND CONTINUOUS FOOTINGS ARE PLACED AT DIFFERENT TIMES.
14. SEE DETAIL 10/5501 FOR TYPICAL FOOTING OVER COMPACTED STRUCTURAL FILL.
15. ALL DIMENSIONS TO STUD WALLS ARE TO FACE OF STUD WALL.
16. ALL FOOTINGS ARE TO BE CENTERED UNDER COLUMN OR HOLDOWN.
17. TOP OF EXTERIOR FOOTING 98'-0" TYPICAL UNLESS NOTED OTHERWISE AT ALL EXTERIOR FOOTINGS.
18. TOP OF INTERIOR FOOTINGS 99'-6" TYPICAL UNLESS NOTED OTHERWISE AT ALL INTERIOR FOOTINGS.
19. SEE LEGEND ON S601 FOR SYMBOLS AND ABBREVIATIONS.
20. SEE SHEET S102 AND DETAIL 9/5502 FOR HOLDOWNS

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ANCHOR BOLT, HOLD-DOWN, AND WALL TYPE PLAN

SCALE : 1/8" = 1'-0"

1
S102

ANCHOR BOLT, HOLDOWN AND WALL TYPE PLAN NOTES:

- SEE DETAIL 1/S521 FOR TYPICAL TOP PLATE SPLICE DETAIL.
- SEE DETAIL 2/S521 FOR TOP PLATE SPLICE PENETRATION SCHEDULE.
- SEE DETAIL 3/S521 AND DETAIL 4/S521 FOR WALL PENETRATIONS.
- SEE WOOD BEAM SCHEDULE ON SHEET S603 FOR BEAM INFORMATION.
- SEE SCHEDULES ON S604 FOR WALL, ROOF FLOOR SHEATHING AND NAILING REQUIREMENTS.
- FOR UNMARKED INTERIOR HEADERS, USE (3) 2x6 FOR 2x6 WALLS AND (2) 2x6 FOR 2x4 WALLS. USE (1) BEARING AND (1) KING STUD.
- SEE DETAILS 5/S521, 6/S521, AND 7/S521 FOR BRACING AT NON-STRUCTURAL WALLS.
- SEE SHEET S502 AND S503 FOR ANCHOR AND HOLDOWN DETAILS AND SCHEDULE.
- SEE SHEET S603 FOR STRUCTURAL WOOD WALL SCHEDULE.
- SEE SHEET S502 AND S503 FOR ADDITIONAL FOOTING AND FOUNDATION WALL INFORMATION AT WALL POP-OUTS.
- SEE ARCHITECTURAL FOR NON-STRUCTURAL WALLS.
- SEE LEGEND ON S601 FOR SYMBOLS AND ABBREVIATIONS.
- WOOD SHEATHING APPLIED ON OUTSIDE FACE OF ALL EXTERIOR WALLS.
- BUILT-UP COLUMN FOR BM-21, STEEPLE SUPPORT BEAMS.
- USE HDU2-SDS2.5 WITH (2) WALL STUDS, AND 5/8" DIAMETER ANCHOR.



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41.846455, -111.809826

Date: 18 Jul 2025
BHD #: 2429
County Parcel: 08-045-0009
Plan Series: Heritage 24
Owner #: 502-2036

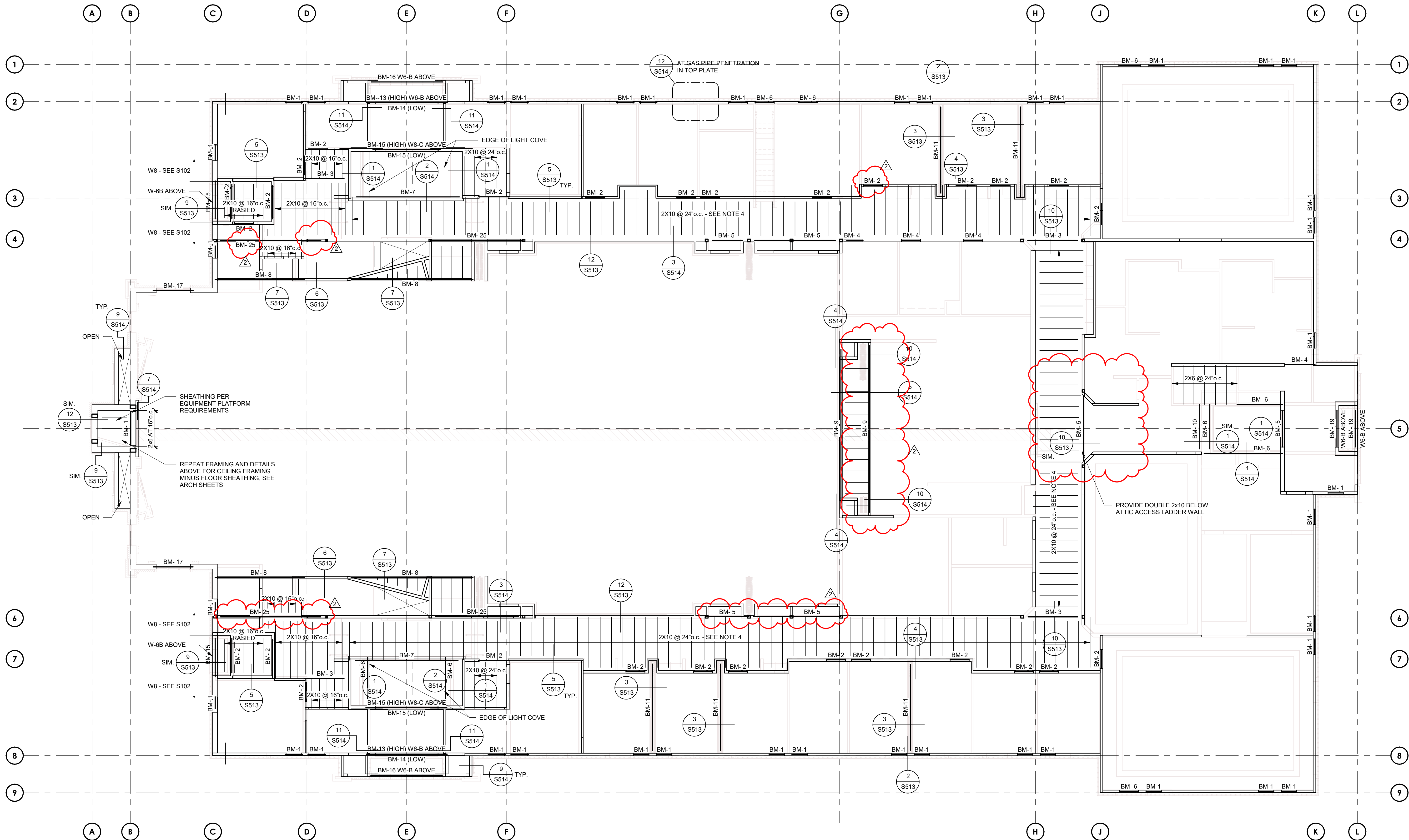
Drawing Issue and Revision Schedule		
#	Date	Description
2	05 Aug 2025	As Issued #1

**Anchor Bolt,
Holddown, and
Wall Type Plan**

S102

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EQUIPMENT PLATFORM FRAMING PLAN

SCALE : 1/8" = 1'-0"

1
S105

EQUIPMENT PLATFORM LOADING	
DEAD LOAD	= 15 psf
LIVE LOAD	= 40 psf
TOTAL LOAD	= 55 psf

EQUIPMENT PLATFORM FRAMING PLAN NOTES:

1. SEE SHEATHING TYPE AND NAILING SCHEDULE ON SHEET S604 FOR FLOOR SHEATHING AND NAILING REQUIREMENTS.
2. SEE ARCHITECTURAL FOR DIMENSIONS AND ELEVATIONS.
3. SHEATH WALL TO PROVIDE STABILITY FOR CURTAIN GLULAM BEAMS.
4. COORDINATE FRAMING LOCATIONS TO ALLOW FOR RECESSED LIGHTING - SEE ARCH.

Drawing Issue and Revision Schedule

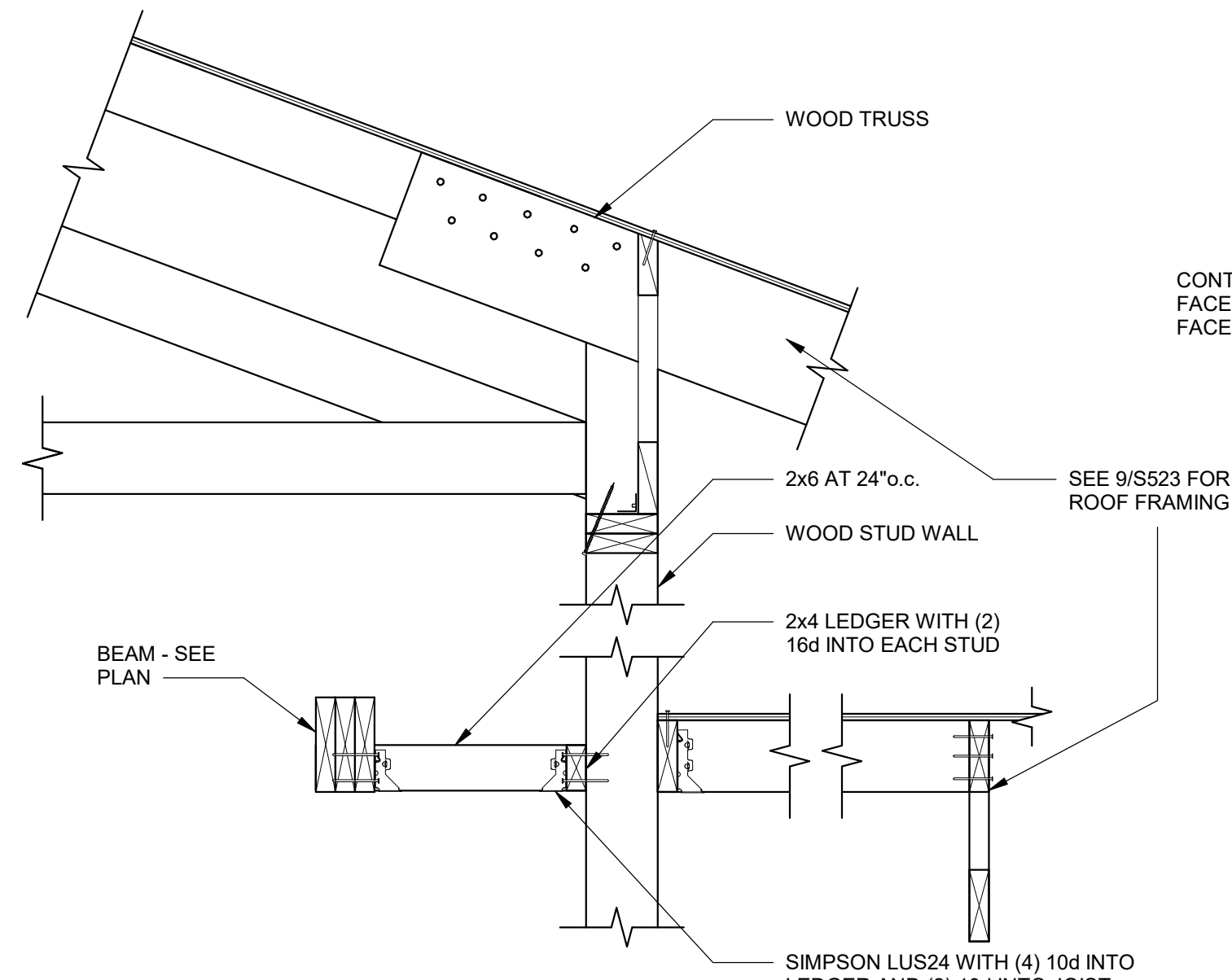
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1	05 Aug 2025	As Issued
2	05 Aug 2025	As Issued

Equipment Platform Framing Plan

S105

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ENTRY LIGHT COVE DETAIL

SCALE: NONE

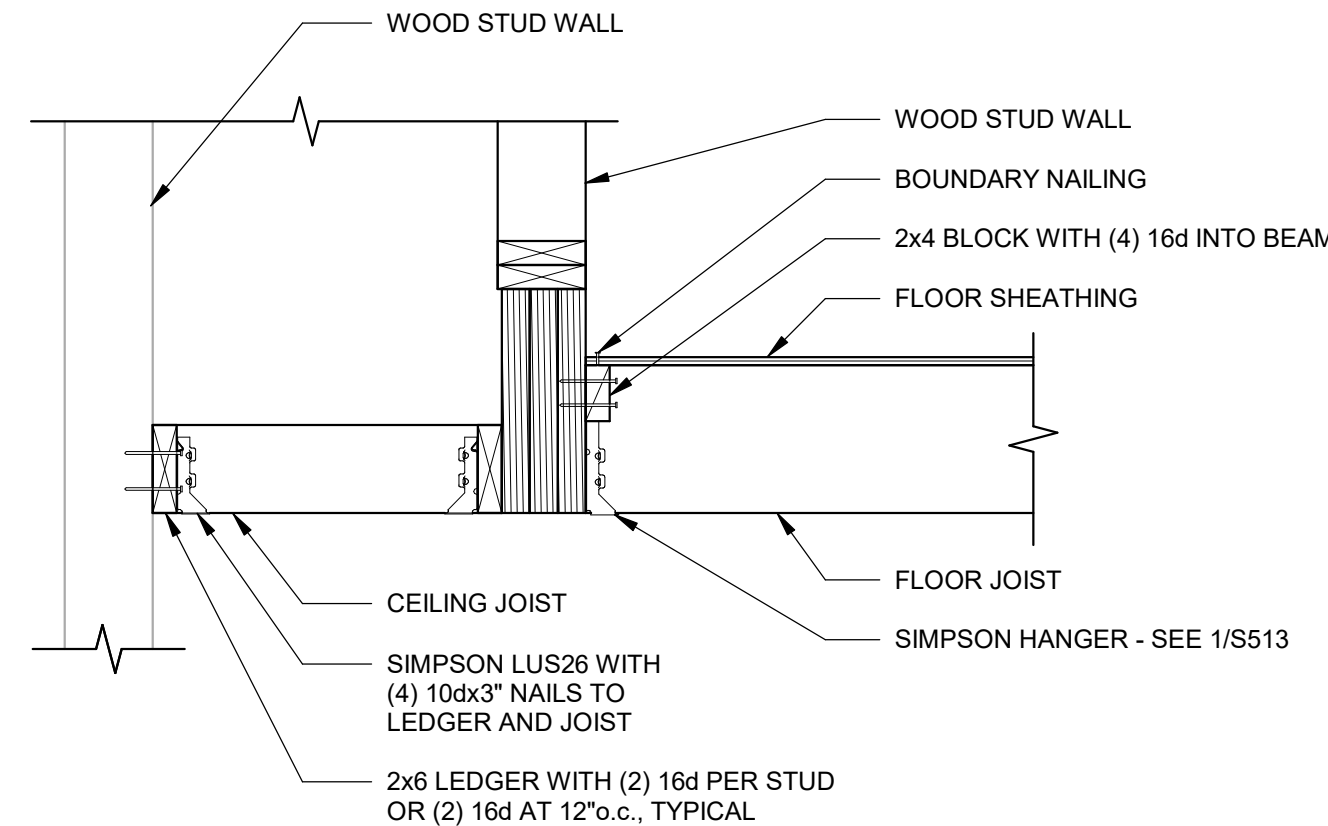
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S514

2

JOIST-TO-BEAM AT ENTRY

SCALE: NONE

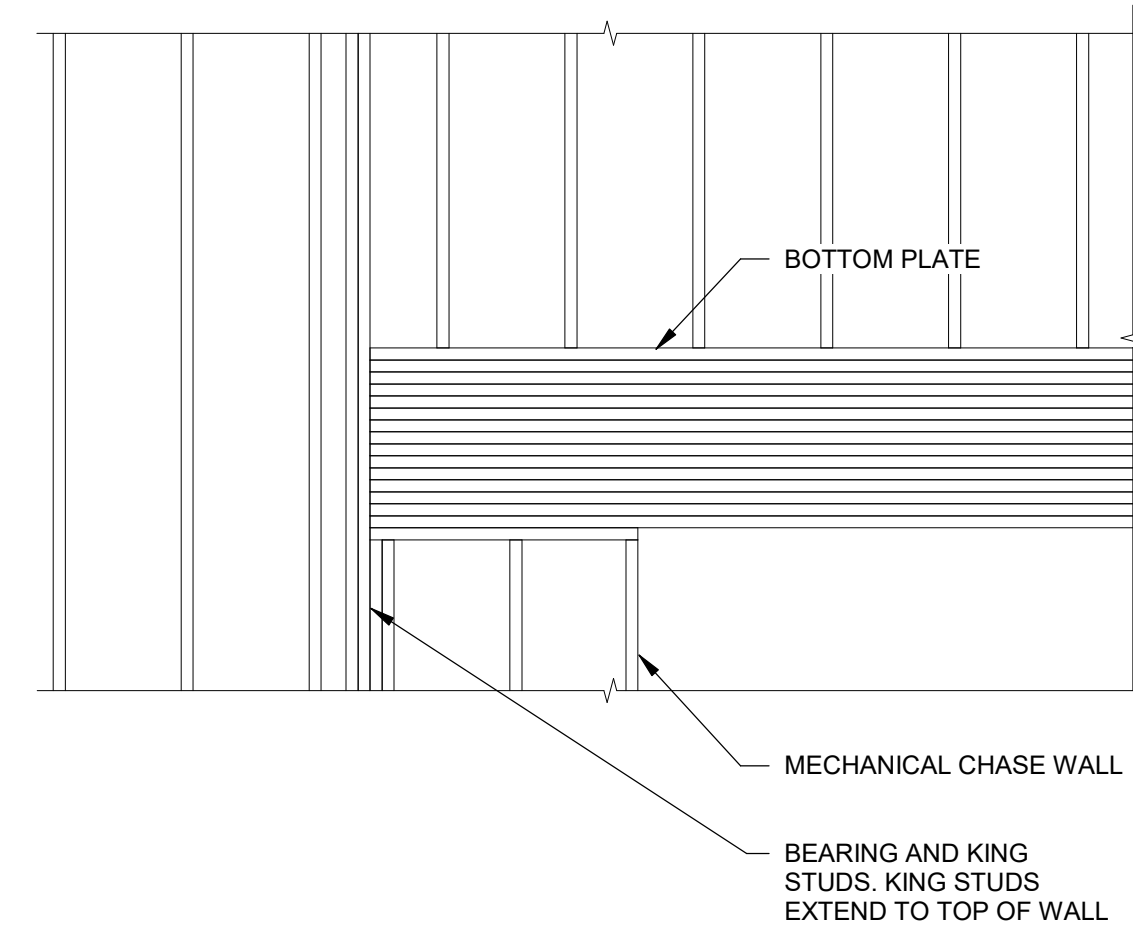
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S514



EQUIPMENT PLATFORM TO BEAM

SCALE: NONE

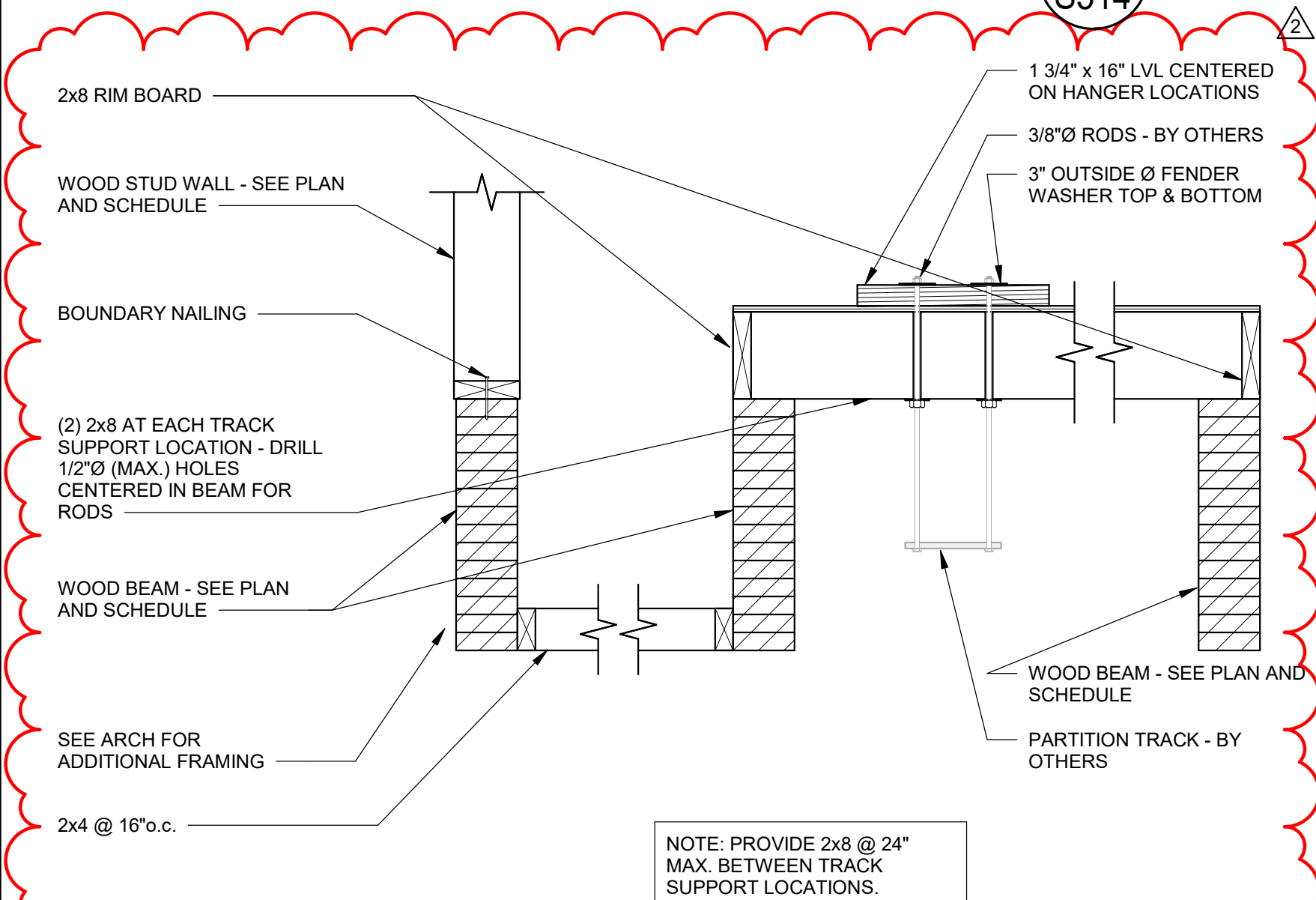
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FOLDING PARTITION SECTION AT PLATFORM

SCALE: NONE

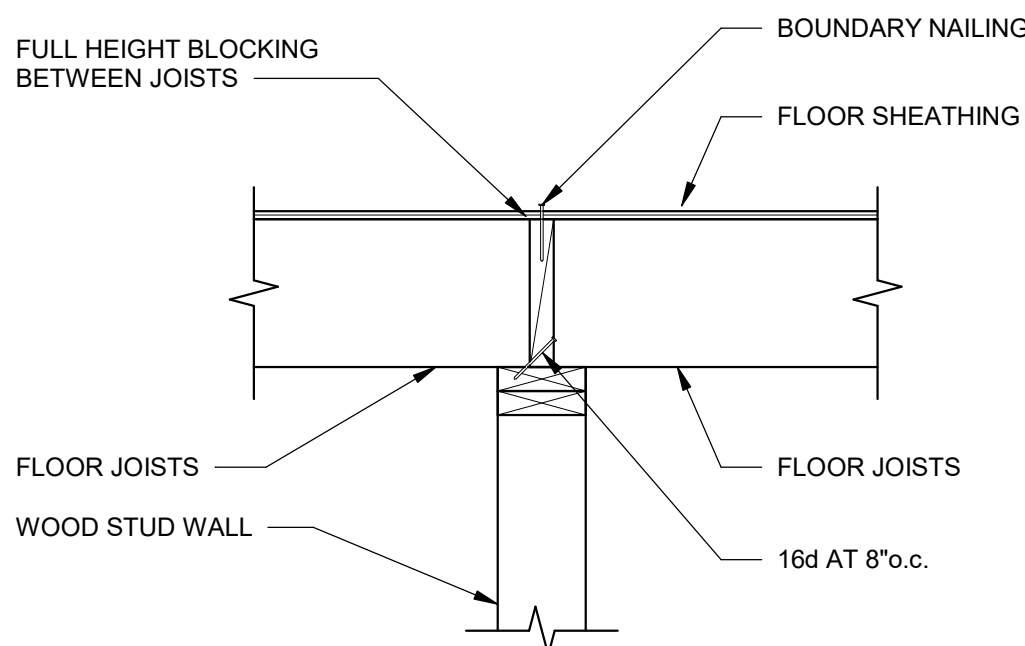
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S514



DETAIL

SCALE: NONE

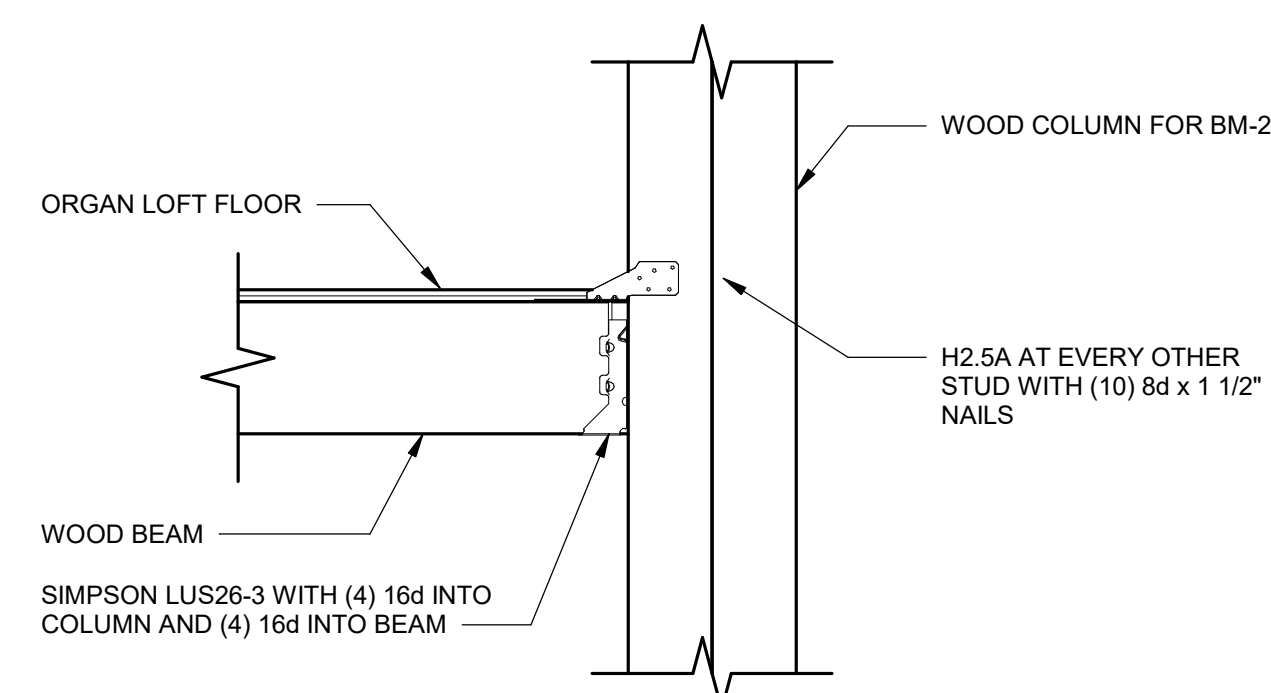
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S514



FLOOR JOISTS BEARING AT WALL

SCALE: NONE

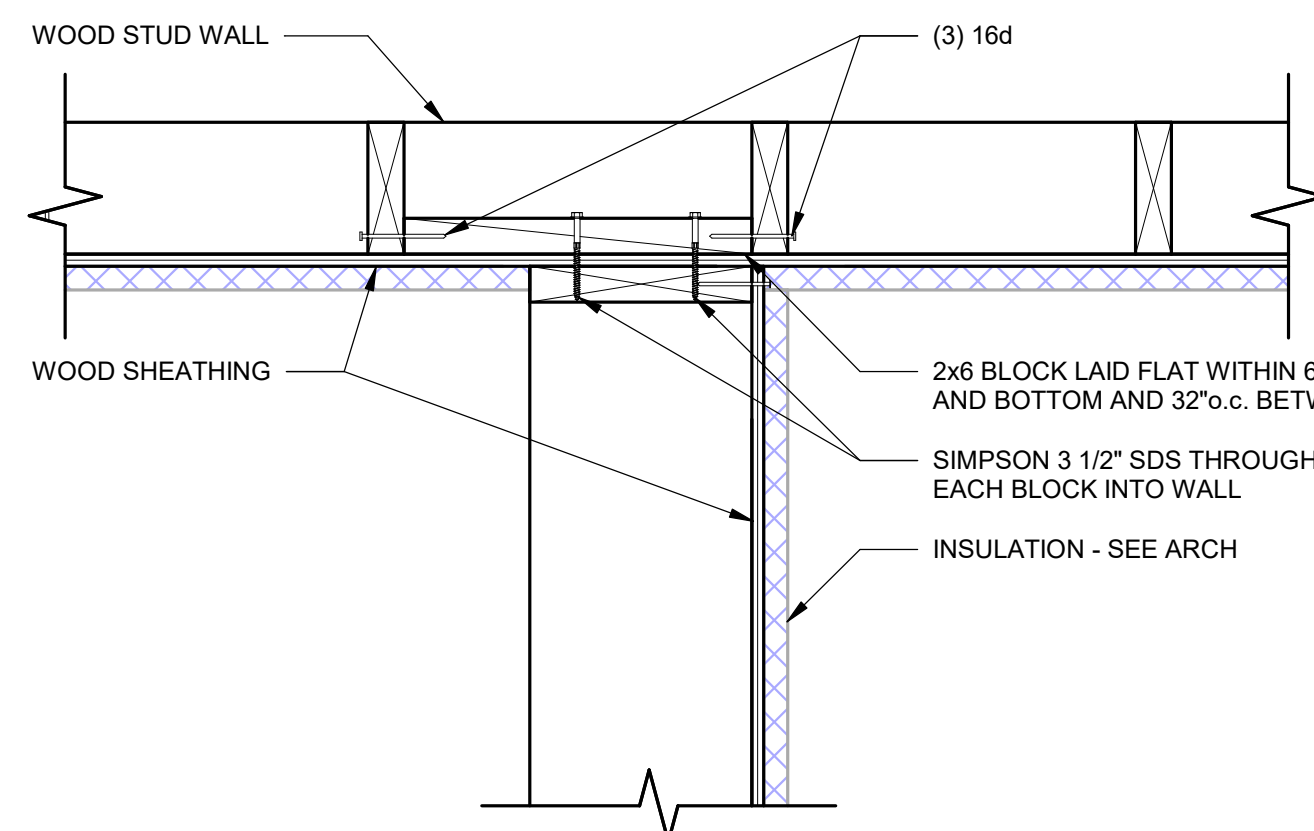
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S514



ORGAN LOFT BEAM-TO-COLUMN

SCALE: NONE

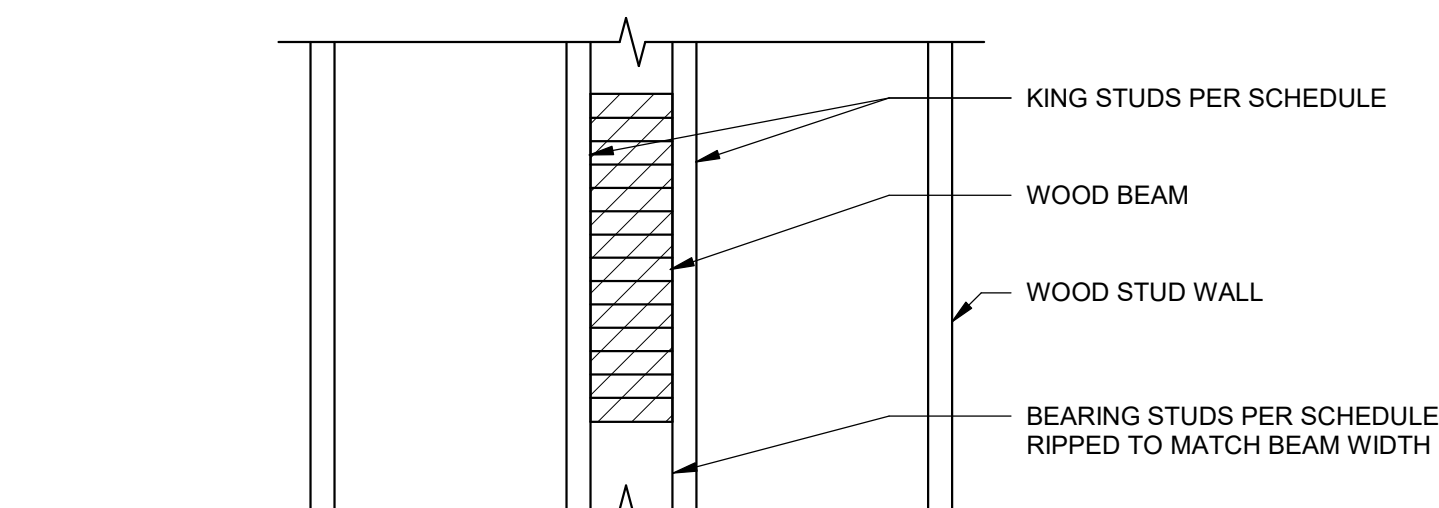
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POP-OUT WALL-TO-STRUCTURAL WALL

SCALE: NONE

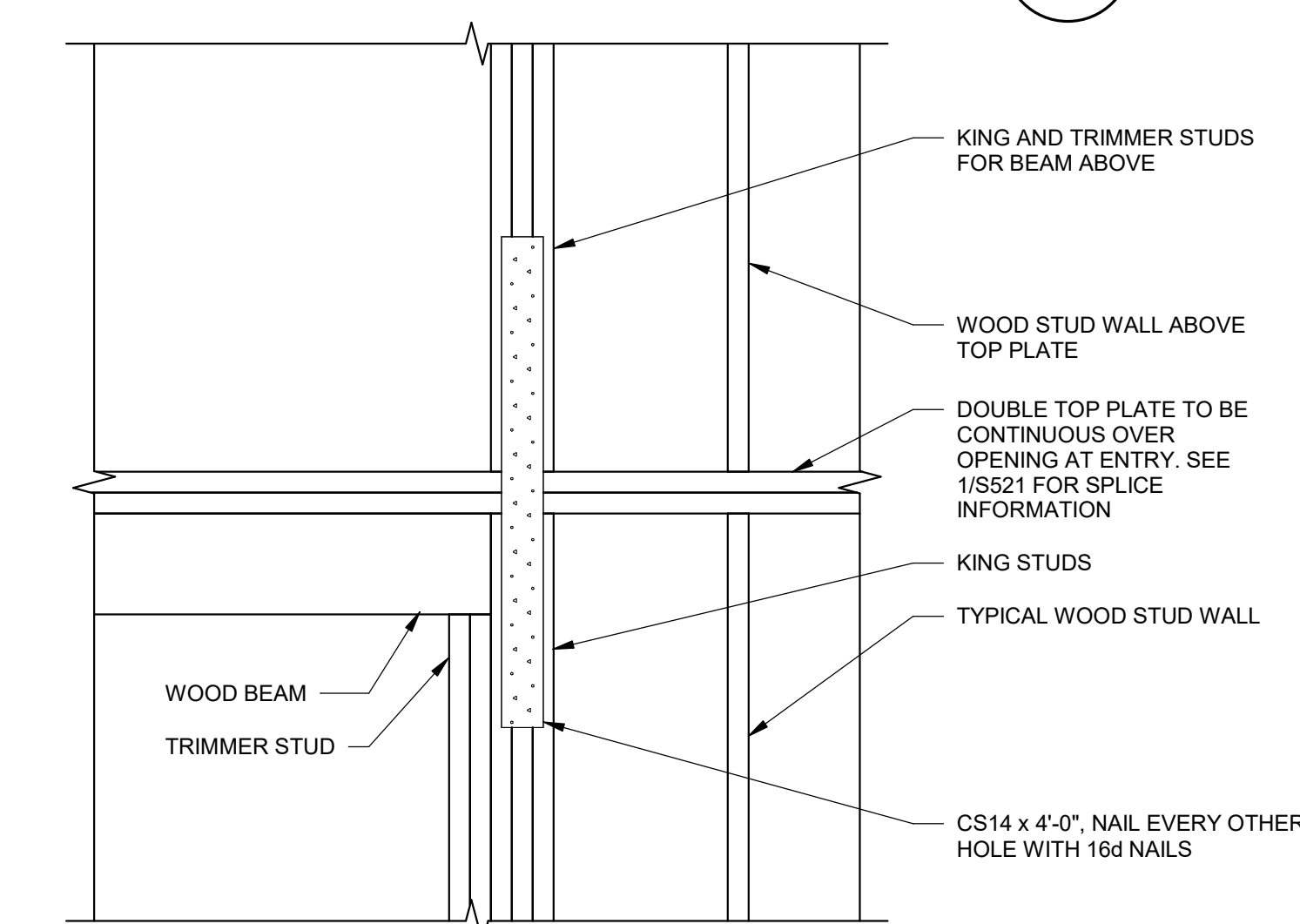
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FOLDING PORTION PERP-TO-WALL BEARING

SCALE: NONE

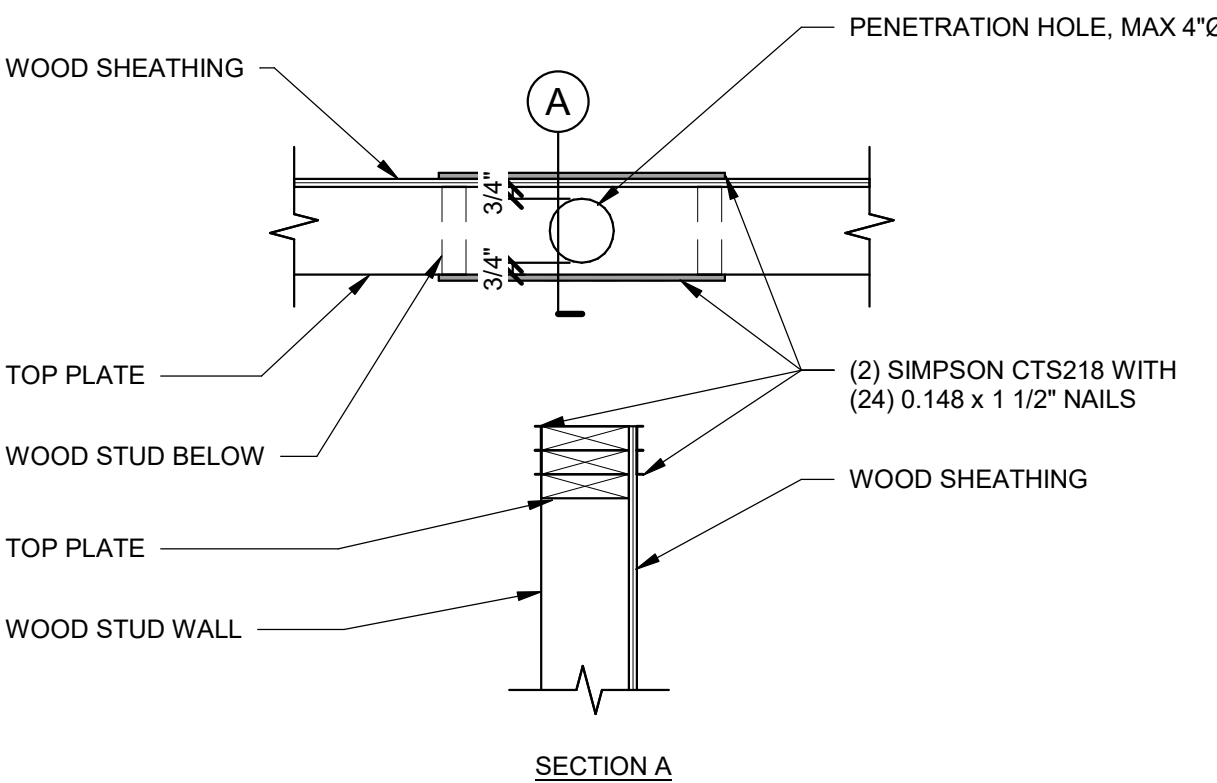
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S514



CONTINUITY OF TOP PLATES AT MAIN ENTRY

SCALE: NONE

11
S514



TOP PLATE REINFORCING AT GAS PIPE PENETRATION

SCALE: NONE

12
S514



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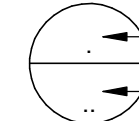
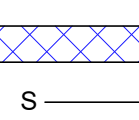

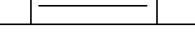

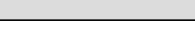
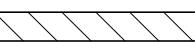

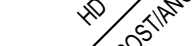
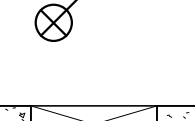

Drawing Issue and Revision Schedule

#	Date	Description
1	05 Aug 2025	As Issued
2	05 Aug 2025	As Issued

Equipment
Platform Framing
Details

S514

SCHEDULE A		
DESIGN CRITERIA		
DESIGN CRITERIA	2021 INTERNATIONAL BUILDING CODE (ASCE 7)	2021 IBC
SEISMIC	RISK CATEGORY	III
	IBC SEISMIC IMPORTANCE FACTOR	I _e = 1.25
	MAPPED SPECTRAL RESPONSE ACCELERATION:	
	MAPPED VALUE OF S _s (FOR ALL CALCULATIONS EXCEPT C _s)	S _s = 1.001
	VALUE OF S _s USED TO CALCULATE C _s (LIMIT S _s TO 1.5 PER ASCE7)	S _s = 1.001
	S ₁	S ₁ = 0.335
	SOIL SITE CLASS	D - DEFAULT
	SITE COEFFICIENT, F _a	F _a = 1.2
	SITE COEFFICIENT, F _v	F _v = 1.965
	DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS	S _{DS} = 0.801 S ₀₁ = 0.439
	SEISMIC DESIGN CATEGORY	D
	BASIC SEISMIC-FORCE RESISTING SYSTEM.	LIGHT FRAMED WALLS SHEATHED WITH WOOD PANELS
	RESPONSE MODIFICATION FACTOR	R = 6.5
	OVERSTRENGTH FACTOR	Ω ₀ = 2.5
	ANALYSIS PROCEDURE USED.	ASCE 7 EQUIVALENT LATERAL FORCE PROCEDURE
	SEISMIC RESPONSE COEFFICIENT - ULTIMATE	C _s = 0.156
WIND	ASCE 7 DIRECTIONAL PROCEDURE, PART 1	
	WIND SPEED (3 SECOND GUST)	110 M.P.H.
	INTERNAL PRESSURE COEFFICIENT	±0.18
	EXPOSURE CATEGORY	C
ROOF	DEAD LOAD	20 P.S.F.
	SNOW IMPORTANCE FACTOR	I _s = 1.10
	GROUND SNOW LOAD, P _g	51 P.S.F.
	FLAT ROOF SNOW LOAD, P _f	39.3 P.S.F.
	SNOW EXPOSURE FACTOR, C _e	1.0
	THERMAL FACTOR, C _t	1.0
	SLOPE FACTOR, C _s	1.0
	ROOF SNOW LOAD - THIS LOAD REFLECTS ROOF SNOW LOAD MULTIPLIED BY THE SNOW IMPORTANCE FACTOR (VALUE SHOWN DOES NOT INCLUDE DRIFT LOAD)	39.3 P.S.F.
	BUILDING ELEVATION	4854 ft.
EQUIPMENT PLATFORM	DEAD LOAD	15 P.S.F.
	LIVE LOAD	40 P.S.F.
ROSTRUM	DEAD LOAD	15 P.S.F.
	LIVE LOAD	100 P.S.F.
PLATFORM	DEAD LOAD	15 P.S.F.
	LIVE LOAD	125 P.S.F.
SOIL BEARING	NET BEARING CAPACITY	2500 P.S.F.
	SOIL SUBGRADE MODULUS, K	100 psi
WIND (STEEPLE)	ASCE 7 SECTION 29.4 - OTHER STRUCTURES	
	WIND SPEED	110 M.P.H.
	FORCE COEFFICIENT, Cf	1.36

SCHEDULE B		
LEGEND		
BOB	BOTTOM OF BEAM	 INDICATES SIDE WHERE INTERIOR WOOD WALL SHEATHING IS TO BE INSTALLED
BM-x	INDICATES WOOD BEAM. SEE SCHEDULE	 DETAIL NUMBER
CW-x	INDICATES CONCRETE WALL, SEE SCHEDULE	 DETAIL SHEET
EOS	EDGE OF SLAB	
FC-x	INDICATES CONCRETE CONTINUOUS FOOTING TYPE, SEE SCHEDULE	 INDICATES DEPRESSED SLAB, SEE ARCHITECTURAL PLANS
FS-x	INDICATES CONCRETE SPOT FOOTING TYPE, SEE SCHEDULE	 INDICATES FOOTING STEP
SCL	INDICATES STRUCTURAL COMPOSITE LUMBER SUCH AS LVL, LSL, AND PSL	 INDICATES NON-STRUCTURAL WOOD STUD WALL
TOF	TOP OF FOOTING	 INDICATES WOOD BEAM OR HEADER
TOS	TOP OF SLAB	 INDICATES STRUCTURAL WOOD SHEAR WALL
TOW	TOP OF WALL	 TYPE 1 BLOCKED DIAPHRAGM, SEE SCHEDULE ON S604
TR-X	INDICATES WOOD TRUSS, SEE ELEVATIONS ON S20X	 TYPE 2 BLOCKED DIAPHRAGM, SEE SCHEDULE ON S604
Wx-x	INDICATES WOOD WALL. SEE SCHEDULE	 HD - SIMPSON HOLD DOWN SIZE POST - SIZE OF END POST CONNECTED TO HOLD DOWN ANCHOR - SIMPSON ANCHOR HOLD DOWN SIZE AND CONFIGURATION
		 DEPRESS FOUNDATION WALL AND POUR FLOOR SLAB OVER AT CONCRETE FOUNDATION WALL

SCHEDULE C					
SPECIAL INSPECTION SCHEDULE ^{1, 2}					
ESTABLISHED PER 2021 IBC SECTION 110 AND CHAPTER 17					
ITEM	CONTINUOUS ³	PERIODIC ³	REFERENCE	COMMENTS	
CONCRETE CONSTRUCTION (IBC 1705.3)			SEE IBC TABLE 1705.3 - REF. NOTE C1	C1.	SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE ISOLATED SPREAD FOOTINGS, CONTINUOUS FOOTINGS, NON-STRUCTURAL SLABS, FOUNDATION WALLS, PATIOS, DRIVEWAYS, AND SIDEWALKS BECAUSE THE REQUIREMENTS OF IBC 1705.3 ARE MET.
REINFORCING STEEL PLACEMENT		●		C2.	PERFORM AIR, SLUMP AND TEMPERATURE TESTS WHEN CONCRETE SAMPLES ARE CAST.
EMBEDDED BOLTS AND PLATES	●			C3.	EPOXY AND EXPANSION ANCHORS INTO CONCRETE MAY BE USED ONLY WHEN APPROVED BY ARCHITECT, AND/OR ENGINEER USING AN APPROVED PRODUCT WITH CURRENT PUBLISHED ICC RESEARCH REPORT NUMBERS. COORDINATE CONTINUOUS/PERIODIC SPECIAL INSPECTION REQUIREMENTS WITH ICC REPORT.
VERIFYING REQUIRED DESIGN MIX		●		C4.	REFER TO DIVISION 03 OF THE SPECIFICATION FOR ADDITIONAL AND SPECIFIC TESTING AND INSPECTION REQUIREMENTS.
CONCRETE PLACEMENT / SAMPLING	●		REFERENCE NOTE C2		
CURING TEMPERATURE / TECHNIQUES		●			
EPOXY / EXPANSION ANCHOR PLACEMENT	●	●	REFERENCE NOTE C3		
MASONRY CONSTRUCTION (IBC 1705.4)			SEE TMS 402/ACI 550 TABLE 1.19.2 (NON-ESSENTIAL)	M1. M2.	INSPECTION NOT REQUIRED FOR MECHANICAL SCREEN WALLS. REFER TO DIVISION 04 FOR ADDITIONAL AND SPECIFIC INSPECTION AND TESTING REQUIREMENTS.
WOOD (IBC 1705.5, 1705.11.1, & 1705.12.1)				W.1.	SPECIAL INSPECTION IS NOT REQUIRED FOR WOOD SHEAR WALLS, WOOD DIAPHRAGMS, INCLUDING NAILING, AND BOLTING, AND OTHER FASTENING TO OTHER COMPONENTS WHERE THE SPACING OF THE SHEATHING FASTENERS IS GREATER THAN 4"x6". WHERE NAIL SPACING IS 4"x6" OR CLOSER, VERIFY THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, THE NAIL OR STAPLE DIAMETER AND LENGTH, NUMBER OF FASTENER LINES, AND SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS. ADDITIONALLY, VERIFY SILL PLATE AND ANCHOR BOLTS DIAMETER, SPACING, PLATE WASHER SIZE AND LOCATION. SIMILAR INFORMATION IS TO BE GATHERED FOR OTHER FASTENING COMPONENTS.
SHEAR WALL AND DIAPHRAGM NAILING		●	REFERENCE NOTE W1		
DRAG STRUTS		●			
HOLDOWNS		●			
SOILS (IBC 1705.6)			REFERENCE NOTE F1	F.1.	SPECIAL INSPECTION OF SOILS SHALL REFERENCE THE APPROVED SOILS REPORT TO DETERMINE COMPLIANCE.
VERIFY ADEQUATE MATERIALS BELOW FOOTINGS		●	REFERENCE NOTE F1	F.2.	WHERE SOILS REPORT IS NOT PROVIDED SPECIAL INSPECTIONS ARE REQUIRED TO VERIFY THAT THE IN-PLACE DRY DENSITY OF THE COMPACTED FILL IS NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT DETERMINED IN ACCORDANCE WITH ASTM D 1557.
EXCAVATIONS EXTEND TO PROPER DEPTH AND REACH PROPER MATERIAL		●	REFERENCE NOTE F2	F.3.	REFER TO DIVISION 31 OF SPECIFICATIONS FOR ADDITIONAL AND SPECIFIC TESTING AND INSPECTION REQUIREMENTS. REFER TO DIVISION 6 OF THE SPECIFICATIONS FOR ADDITIONAL AND SPECIFIC TESTING AND INSPECTION REQUIREMENTS.
CLASSIFY AND TEST CONTROLLED FILL MATERIALS		●	REFERENCE NOTE F2		
PERFORM MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	●		REFERENCE NOTE F1		
PROPERLY PREPARED SITE AND SUB-GRADE PRIOR TO FILL.		●	REFERENCE NOTE F1		
FABRICATORS (IBC 1704.2.5)					IF FABRICATOR IS APPROVED, ON-SITE INSPECTION IS NOT REQUIRED BUT A CERTIFICATE OF COMPLETION MUST BE PROVIDED TO THE BUILDING OFFICIAL (IBC 1704.2.5)
	●				
PREFABRICATED METAL PLATE WOOD TRUSSES:					
THE INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS OF INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS.					
REFER TO SPECIFICATIONS FOR INSPECTION OF PREFABRICATED WOOD TRUSSES LONGER THAN 60'-0" LONG					
GENERAL SPECIAL INSPECTION NOTES :					
1. THE ITEMS MARKED WITH A "●" IN THE SPECIAL INSPECTION SCHEDULE SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A CERTIFIED SPECIAL INSPECTOR FROM AN ESTABLISHED TESTING AGENCY, FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO THE MATERIAL SAMPLING AND TESTING SECTION, AND THE PROJECT SPECIFICATIONS. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ARCHITECT, ENGINEER, CONTRACTOR, AND BUILDING OFFICIAL. ANY ITEMS WHICH FAIL TO COMPLY WITH THE APPROVED CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT CORRECTED, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL, ARCHITECT, AND ENGINEER PRIOR TO COMPLETION OF THAT PHASE OF WORK. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS.					
2. ANY CONSTRUCTION OR MATERIAL THAT HAS FAILED INSPECTION SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT.					
3. CONTINUOUS SPECIAL INSPECTION MEANS THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED. PERIODIC SPECIAL INSPECTION MEANS THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK. (IBC SECTION 202)					
STATEMENT OF SPECIAL INSPECTION					
1. SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER FOR THE ITEMS IDENTIFIED IN THIS SECTION AND IN OTHER AREAS OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS, UNLESS WAIVED BY THE BUILDING OFFICIAL (SEE IBC CHAPTER 17).					
2. THE NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL.					
3. DUTIES OF THE SPECIAL INSPECTOR:					
a. THE SPECIAL INSPECTOR SHALL REVIEW ALL WORK LISTED ABOVE FOR CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AND THE IBC.					
b. THE SPECIAL INSPECTOR SHALL FURNISH SPECIAL INSPECTION REPORTS TO THE ENGINEER OF RECORD, CONTRACTOR, OWNER AND BUILDING OFFICIAL ON A WEEKLY BASIS, OR MORE FREQUENTLY AS REQUIRED BY THE BUILDING OFFICIAL. ALL ITEMS NOT IN COMPLIANCE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND IF UNCORRECTED, TO THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.					
c. ONCE CORRECTIONS HAVE BEEN MADE BY THE CONTRACTOR, THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AS WELL AS THE APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC.					
4. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR:					
a. THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK. IN ACCORDANCE WITH IBC 1704.4, THE STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED WITHIN THE "STATEMENT OF SPECIAL INSPECTIONS".					
b. THE CONTRACTOR SHALL NOTIFY THE RESPONSIBLE SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST ONE WORKING DAY (24 HOURS MINIMUM) BEFORE SUCH INSPECTION IS REQUIRED.					
c. ALL WORK REQUIRING SPECIAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT HAS BEEN OBSERVED BY THE SPECIAL INSPECTOR.					
5. PLEASE SEE THE "SPECIAL INSPECTION SCHEDULE" FOR THE TYPES, EXTENTS AND FREQUENCY OF SPECIFIC ITEMS REQUIRING SPECIAL INSPECTIONS AND STRUCTURAL TESTS AS PART OF THIS PROJECT.					

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5 Aug 2025

STATE OF UTAH

ARW ENGINEERS

1181 FZT DRIVE

DRAPER, UT 84020

THE CHURCH OF

JESUS CHRIST

OF LATTER-DAY SAINTS

Smithfield 19

Smithfield UT North Stake

Approx. 801 East Upper Canyon Road (6400 North), Smithfield, Utah

41.846455, -111.809826

Date: 18 Jul 2025

BND #: 2429

County Parcel: 08-045-0009

Plan Series: Heritage 24

Owner #: 502-2036

Drawing Issue and Revision Schedule

#	Date	Description	As Issued	As Revised
2	05 Aug 2025	As Issued	#1	

Schedules

S601

SCHEDULE A					
REQUIRED NAIL TYPES					
NOTES: 1. EXCEPT WHERE NOTED OTHERWISE, THE NUMBER AND SIZE OF NAILS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THAT SET FORTH IN IBC TABLE 2304.9.1 a. CONNECTION FOR MULTIPLE PIECES OF ENGINEERED LUMBER PIECES SHALL BE IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. b. WHERE 16d COMMON NAILS ARE CALLED OUT IN IBC TABLE 2304.9.1 USE 16d BOX NAILS. 2. ALL NAILS NOTED ON THE DRAWINGS SHALL BE AS SHOWN BELOW UNLESS NOTED OTHERWISE; NAILS FOR 3RD PARTY HARDWARE SHALL BE AS REQUIRED BY MANUFACTURER OF HARDWARE. 3. ALL FASTENERS FOR PRESERVATIVE AND FIRE RETARDENT TREATED WOOD SHALL BE HOT DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICONE BRONZE, OR COPPER, UNLESS WOOD IS BORATE TREATED. EXCEPTION: PLAIN CARBON STEEL FASTENERS, INCLUDING NUTS AND WASHERS, IN SBX/DOT AND ZINC BORATE PRESERVATIVE-TREATED WOOD IN AN INTERIOR, DRY ENVIRONMENT ARE PERMITTED. 4. LENGTH OF NAILS ATTACHING SHEATHING MAY BE REDUCED PROVIDED THAT THE MINIMUM PENETRATION NOTED BELOW IS MET. 5. NAILS USED IN SIMPSON HARDWARE (OR HARDWARE OF EQUAL VALUE) SHALL BE AS SPECIFIED BY THE MANUFACTURER. 6. OTHER FASTENERS MAY BE USED TO REPLACE NAILS BUT THEY MUST HAVE EQUIVALENT, OR LARGER, DIAMETERS AND PENETRATION LENGTHS.					
ALL NAILS NOTED ON THE DRAWINGS SHALL BE AS SHOWN BELOW, UNLESS NOTED OTHERWISE.					
NAIL SIZE	TYPE	STANDARD LENGTH (INCHES)	DIAMETER (INCHES)	MINIMUM PENETRATION REQUIRED (INCHES)	
8d	COMMON	2 1/2	.131	1 3/8	
10d	COMMON	3	.148	1 1/2	
16d	SINKER	3 1/4	.148	1 1/2	
16d	BOX	3 1/2	.135	1 1/2	

SCHEDULE B	
DEFERRED SUBMITTALS	
FOR THE PURPOSE OF THIS SECTION, DEFERRED SUBMITTALS ARE DEFINED PER THE IBC. SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ENGINEER, ARCHITECT, AND BUILDING OFFICIAL FOR THEIR REVIEW FOR GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. DEFERRED STRUCTURAL SUBMITTALS FOR THIS PROJECT ARE: 1. PREFABRICATED METAL PLATE WOOD TRUSSES 2. STEEPLE...	

SCHEDULE C					
WIND COMPONENTS AND CLADDING					
WIND ZONE	COMPONENTS AND CLADDING NEGATIVE PRESSURE EFFECTIVE WIND AREA (SQ.FT.)				
	10 sq ft.	20 sq ft.	50 sq ft.	100 sq ft.	500 sq ft.
1	33.4	33.4	28.7	25.1	19.5
2	63.1	59.1	53.7	49.6	47.3
3	75.1	65.4	52.6	43.0	39.3
4	25.4	24.4	23.0	21.9	19.5
5	31.4	29.3	26.5	24.4	19.5

SCHEDULE D	
TYPICAL BLOCKING SCHEDULE	
DOOR STOPS	STAIR BLOCKING
VISUAL DISPLAYS	DECORATIVE METAL BETWEEN WINDOWS
MARKER BOARDS	DRINKING FOUNTAINS
TACK BOARDS	WALL HUNG SINKS
BABY CHANGING STATIONS	ROSTRUM
EXIT SIGNS	DECORATION HOOKS
CHAIR RAIL	JANITOR SHELVING
COAT RACKS	RA VENTS AT ENTRIES
CABINETS	COLUMNS AT ENTRIES
SOUND PANELS	CAN LIGHTS AT ENTRIES
TOILET PARTITIONS	HYMN BOOK SHELVES
HANDICAP BARS	DIMMER SWITCHES IN GYM
BATHROOM ACCESSORIES	CURTAIN AT STAGE
TOWEL DISPENSORS	CURTAINS IN OFFICES
TOILET PAPER HOLDERS	JANITOR TAP AND HOSE HARDWARE
NAPKIN HOLDERS	FONT MIRRORS
SHELVES	FONT HANDRAILS
MIRRORS	FONT BENCHES
COUNTERS	CLOTHING HOOKS
COUNTER BRACKETS	FONT GLASS SCREEN
ACCESS PANELS	CHAIR STORAGE SHELVING
HANDRAILS	INTERIOR SOFFIT FOR SIX PIECE CORNICE
FIRE CABINETS	WATER HEATER/SEISMIC STRAPS (2) UNISTRUT, RUNNING PARALLEL TO FRAMING
WALL MOUNTED HANDRAILS	

SCHEDULE E					
SHEATHING TYPE AND NAILING SCHEDULE					
LOCATION	SHEATHING	EDGE NAILING ^{1, 2}	FIELD NAILING ^{1, 2}	BOUNDARY NAILING ^{1, 2}	BLOCKING AT PANEL EDGES
ROOF, UNBLOCKED	19/32" 40/20 SPAN RATING	10d AT 6"o.c.	10d AT 6"o.c.	10d AT 6"o.c.	NO
ROOF, BLOCKED ⁴ TYPE 1	19/32" 40/20 SPAN RATING	10d AT 6"o.c.	10d AT 6"o.c.	10d AT 6"o.c.	YES
ROOF, BLOCKED ⁴ TYPE 2	19/32" 40/20 SPAN RATING	10d AT 3"o.c.	10d AT 6"o.c.	10d AT 2"o.c.	YES
EQUIPMENT ³ PLATFORM	23/32" 48/24 SPAN RATING T&G	10d AT 6"o.c.	10d AT 12"o.c.	10d AT 6"o.c.	NO
ROSTRUM ³	(2) LAYERS 19/32" 40/20 SPAN RATING	10d AT 6"o.c.	10d AT 12"o.c.	10d AT 6"o.c.	NO
PLATFORM ³	(2) LAYERS 19/32" 40/20 SPAN RATING	10d AT 6"o.c.	10d AT 12"o.c.	10d AT 6"o.c.	NO
WALLS	SEE WOOD WALL SCHEDULE				
<div>NOTES:</div> <div>1. SEE PARTIAL PLAN BELOW FOR LOCATION OF BOUNDARY, EDGE, AND FIELD NAILING.</div> <div>2. ALL FASTENERS FOR PRESERVATIVE AND FIRE RETARDANT TREATED WOOD SHALL BE HOT DIPPED ZINC COATED GLAVANIZED STEEL, STAINLESS STEEL, SILICONE BRONZE, OR COPPER, UNLESS WOOD IS BORATE TREATED. EXCEPTION: PLAIN CARBON STEEL FASTENERS, INCLUDING NUTS AND WASHERS, IN SBX/DOT AND ZINC BORATE PRESERVATIVE-TREATED WOOD IN AN INTERIOR, DRY ENVIRONMENT ARE PERMITTED.</div> <div>3. FOR EQUIPMENT PLATFORM, ROSTRUM, AND PLATFORM SHEATHING SHALL BE GLUED AND NAILED TO THE STRUCTURE.</div> <div>4. SPECIAL INSPECTION REQUIRED.</div>					
<div><div><div>DIAPHRAGM BOUNDARY</div><div>TRUSSES</div><div>STAGGER JOINTS</div><div>1/8" GAP AT JOINTS</div><div>BOUNDARY NAILING AT BOUNDARY EDGES</div><div>BOUNDARY NAILING AT CONTINUOUS PANEL EDGES</div><div>FIELD NAILING</div><div>EDGE NAILING</div><div>2x4 BLOCKING (IF BLOCKING IS SCHEDULED) LAID FLAT, SEE DETAIL BELOW</div><div>2x4 BLOCKING LAID FLAT BETWEEN FRAMING</div><div>SHEATHING</div><div>TRUSSES, OUTLOOKER, OR JOIST</div><div>AT CONTINUOUS PANEL JOINT</div><div>AT MULTIPLE TRUSSES, EDGE NAILING MUST OCCUR AT A COMMON TRUSS</div></div><div>ROOF AND FLOOR SHEATHING ATTACHMENT DETAILS</div></div>					

SCHEDULE F	
STEEL ANGLE LINTEL SCHEDULE FOR VENEER	
CLEAR OPENING	SIZE OF ANGLE
UP TO 7'-0"	4" x 4" x 3/8"
7'-1" TO 9'-0"	6" x 4" x 5/16"
9'-1" TO 10'-0"	6" x 4" x 5/16"
10'-1" TO 11'-0"	6 x 4" x 3/8"
11'-1" TO 12'-0"	6" x 4" x 7/16"
12'-1" TO 13'-0"	8" x 4" x 7/16"
13'-1" AND OVER	REQUIRES SPECIAL ANALYSIS. CONTACT ENGINEER
NOTES: 1. LINTELS CARRY BRICK VENEER OR STONE ONLY. 2. WHERE FLOORS, ROOFS, OR CONCENTRATED LOADS OCCUR ABOVE, FURTHER ANALYSIS IS NECESSARY. CONTACT ARCHITECT AND ENGINEER. 3. ANGLES ARE TO BE HOT DIPPED GALVANIZED AND "PAINTED". 4. ANGLE ARE TO BE ORIENTED WITH 4" LEG HORIZONTAL. 5. ANCHOR ANGLES TO BEAMS, HEADERS, TOP-PLATES, ETCETERA WITH (2) #14 3" SDS SCREW AT 12"o.c., STAGGERED. 6. AT LOCATIONS WHERE ANGLE IS USED FOR BRICK BENEER OR STONE AT STUD WALL, USE 3x12 BLOCKING BEHIND ANGLE LOCATION. 7. AT LOCATIONS WHERE ANGLE EXTENDS BEYOND OPENING AND BEARS ON BRICK PROVIDE 1" OF BEARING EACH END FOR EACH FOOT OF SPAN. MINIMUM BEARING OF 6" EACH SIDE OF OPENING.	

11bnd1

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ARCHITECTURAL REVIEW & ENGINEERING

1181 122 122 122

THE CHURCH OF

JESUS CHRIST

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Smithfield UT North Stake

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Schedules

S604