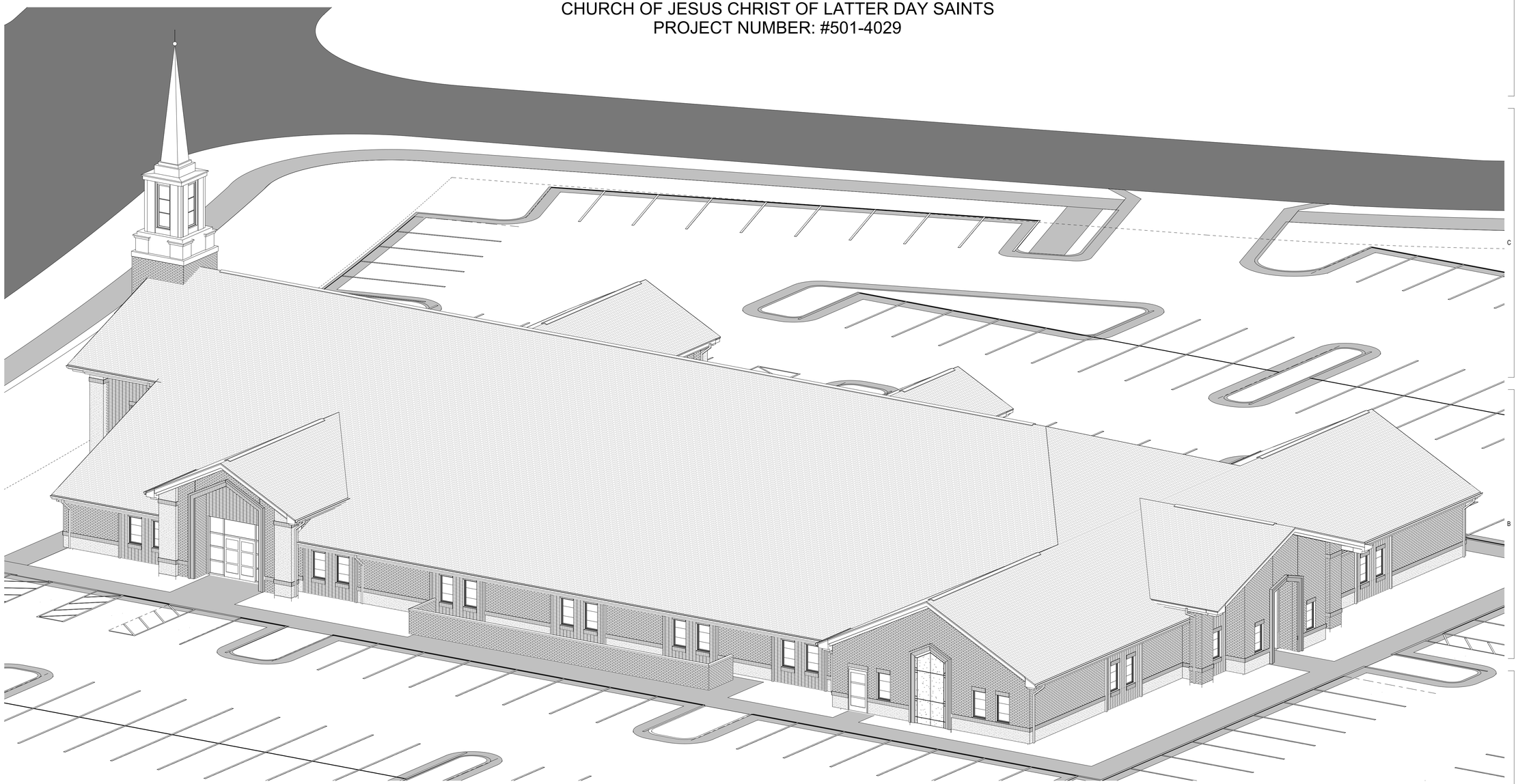
LEGACY FARMS - HERITAGE 24
PERMIT SET AND SUBMISSION
MARCH 03.2026

CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
PROJECT NUMBER: #501-4029



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STATE OF UTAH
BRITTANY WHITE JOHNSON
No. 8595188-0301
LICENSED ARCHITECT
02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029
2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

COVER

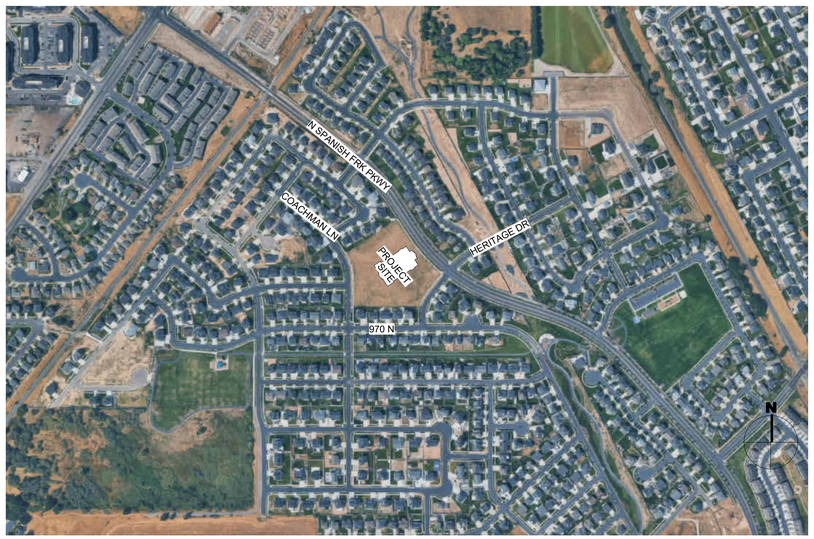
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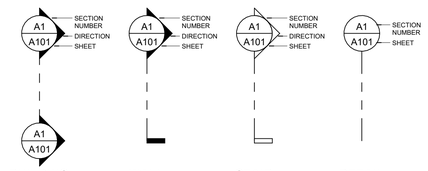
ABBREVIATIONS

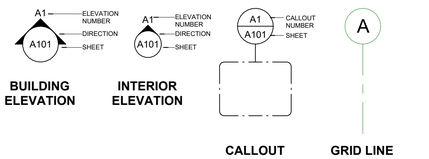
&	AND	JST	JOIST
@	AT		
°	DEGREES	MAX	MAXIMUM
Ø	DIAMETER	MDF	MEDIUM DENSITY FIBERBOARD
		MECH	MECHANICAL
ACT	ACOUSTIC CEILING TILE	MEZZ	MEZZANINE
AFF	ABOVE FINISH FLOOR	MFR	MANUFACTURER
ALT	ALTERNATE	MIN	MINIMUM
AL/ALUM	ALUMINUM	MIR	MIRROR
APPROX	APPROXIMATE	MO	MASONRY OPENING
ARCH	ARCHITECTURAL	MTL	METAL
BD	BOARD	N	NORTH
BLDG	BUILDING	NIC	NOT IN CONTRACT
B.O.	BOTTOM OF	NO.	NUMBER
		NOM	NOMINAL
CAB	CABINET	NRC	NOISE REDUCTION COEFFICIENT
CG	CORNER GUARD	NTS	NOT TO SCALE
CJ	CONTROL JOINT		
CL	CENTER LINE	OC	ON CENTER
CLG	CEILING	OD	OUTSIDE DIAMETER
CLR	CLEAR	OH	OVERHEAD
CM	CONSTRUCTION MANAGER	OPG	OPENING
COL	COLUMN	OPP	OPPOSITE
CONC	CONCRETE	OSB	ORIENTED STRAND BOARD
CONT	CONTINUOUS		
CORR	CORRIDOR	PERI	
CMU	CONCRETE MASONRY UNIT	PERM	PERMANENT
CPT	CARPET	PL	PLATE
CSBA	COLOR SELECTED BY ARCH	P LAM	PLASTIC LAMINATE
CT	CERAMIC TILE	PNL	PANEL
		PNT	PAINT
D	DEPTH	P.O.	POINT OF
DB	DECK BEARING	PART	PARTITION
DBL	DOUBLE	PLY	PLYWOOD
DEPT	DEPARTMENT		
DF	DRINKING FOUNTAIN	QT	QUARRY TILE
DIM	DIMENSION		
DN	DOWN	R/RAD	RADIUS
DRN	DRAIN	RCP	REFLECTED CEILING PLAN
DTL/DET	DETAIL	REC	RECESSED
DWG	DRAWING	REF	REFERENCE
		REINF	REINFORCED
E	EAST	REQD	REQUIRED
EA	EACH	RM	ROOM
EIFS	EXTERIOR INSULATION SYSTEM	RO	ROUGH OPENING
EJ	EXPANSION JOINT		
ELEC	ELECTRICAL	S	SOUTH
ELEV	ELEVATION	SCHED	SCHEDULE
EQ	EQUAL	SECT	SECTION
EQUIP	EQUIPMENT	SF	SQUARE FOOT
EXIST/(E)	EXISTING	SIM	SIMILAR
EXP	EXPANSION	SPEC	SPECIFICATION
EXT	EXTERIOR	SS	STAINLESS STEEL
		STC	SOUND TRANSMISSION CLASS
FA	FIRE ALARM	STD	STANDARD
FD	FLOOR DRAIN	STL	STEEL
FDN	FOUNDATION	STOR	STORAGE
FE	FIRE EXTINGUISHER	STRUC	STRUCTURAL
FEC	FIRE EXTINGUISHER CASED	SUSP	SUSPENDED
FG	FINISH GRADE	SYS	SYSTEM
FH	FIRE HYDRANT		
FIN	FINISHED	T	THICKNESS
FLR	FLOOR	T & B	TOP AND BOTTOM
F.O.	FACE OF	T & G	TONGUE AND GROOVE
FTG	FOOTING	TBD	TO BE DETERMINED
FV	FIELD VERIFY	TEMP	TEMPORARY
		THRU	THROUGH
GA	GAUGE	T.O.	TOP OF
GALV	GALVANIZED	TS	TUBE STEEL
GC	GENERAL CONTRACTOR	TYP	TYPICAL
GFRC	GLASS FIBER REINF PANEL		
GYP	GYPSUM	UNO	UNLESS NOTED OTHERWISE
GWB	GYPSUM WALLBOARD		
		VAR	VARIES
HDW	HARDWARE	VCT	VINYL COMPOSITION TILE
HDF	HIGH DENSITY FIBERBOARD	VERT	VERTICAL
HM	HOLLOW METAL	VEST	VESTIBULE
H	HEIGHT		
HOR	HORIZONTAL	W	WEST
		W	WIDTH
ID	INNER DIAMETER	W/	WITH
INT	INTERIOR	WC	WATER CLOSET
INSUL	INSULATE	WD	WOOD
		W/O	WITHOUT
		WWF	WELDED WIRE FABRIC

VICINITY MAP

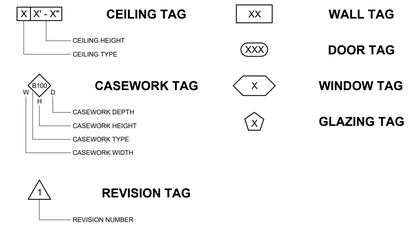


SYMBOL LEGEND





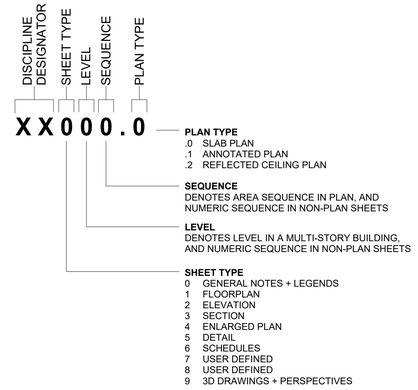
DRAWING TAGS



GENERAL NOTES

1. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
2. AS PART OF THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS, THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.
3. THE ARCHITECTURAL DRAWINGS ESTABLISH THE FINISHED APPEARANCE AND LOCATION OF EXPOSED ELEMENTS OF THE WORK OF ALL THE TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES.
4. DO NOT SCALE DRAWINGS. ALL NECESSARY DIMENSIONS ARE NOTED, OR MAY BE DERIVED FROM THOSE NOTED, IN THE CONSTRUCTION DOCUMENTS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED.
5. VERIFY THAT ALL WORK CONFORMS WITH THE GOVERNING BUILDING CODES LISTED ON THIS SHEET, AS WELL AS THE REQUIREMENTS AND REGULATIONS OF THE LOCAL MUNICIPALITY.
6. CONTRACTOR IS RESPONSIBLE FOR CORRECTION OF WORK AT HIS OWN EXPENSE FOR WORK WHICH DOES NOT COMPLY WITH THESE DOCUMENTS.
7. PROVIDE NECESSARY STIFFENERS, BLOCKING, BRACING, HANGERS, ETC. FOR ALL CABINETRY EQUIPMENT, FURNISHINGS, TOWEL BARS OR OTHER ITEMS.
8. FLASHING AND COUNTER FLASHING IS TO BE PROVIDED AT ALL NECESSARY LOCATIONS IN ACCORDANCE WITH BUILDING CODE AND BEST CONSTRUCTION PRACTICES. THESE LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO, THE CONNECTION OF A ROOF WITH A VERTICAL SURFACE, EXTERIOR OPENINGS, IN-PLANE MATERIAL CHANGES, ROOF VALLEYS AND RIDGES, CONNECTIONS BETWEEN HORIZONTAL AND VERTICAL SURFACES, ETC.
9. WOOD FRAMING MEMBERS IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED WOOD.

SHEET NAME + NUMBER



OUTDOOR / EXTERIOR LIGHT

1. SEE ES101 AND E501 FOR OUTDOOR / EXTERIOR LIGHT LOCATIONS.
2. SEE MUNICIPAL CODE FOR ALL ADDITIONAL APPLICALE STANDARDS.

AIR BARRIER

1. ALL AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED. PENETRATIONS OF THE AIR BARRIER SHALL BE CAULKED, GASKETED OR OTHERWISE SEALED IN ACCORDANCE WITH IECC 402.5.1.1
2. PENETRATIONS OF THE AIR BARRIER, FOR ATTACHING VENEERS OR THE EXTERIOR FINISHES, SHALL BE CAULKED, GASKETED, OR OTHERWISE SEALED IN A MANNER COMPATIBLE WITH THE CONSTRUCTION MATERIALS AND LOCATION. PENETRATIONS SHALL BE SEALED IN THE SAME MANNER OR TAPED OR COVERED WITH MOISTURE VAPOR PERMEABLE WRAPPING MATERIAL SO AS NOT TO IMPAIR THE PENETRATIONS ABILITY TO RESIST POSITIVE AND NEGATIVE AIR PRESSURE.

SHEET INDEX

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G001	GENERAL INFORMATION + INDEX
G101	CODE + LIFE SAFETY
G301	TYP ANSI ACCESSIBILITY STANDARD
CIVIL	
C0.00	CIVIL COVER
C0.01	GENERAL NOTES, LEGEND AND ABBREVIATIONS
C1.01	CIVIL SITE PLAN
C2.01	GRADING AND DRAINAGE PLAN
C2.02	GRADING AND DRAINAGE PLAN
C2.10	EROSION CONTROL PLAN
C4.01	SITE UTILITY PLAN
C5.01	CIVIL DETAILS
C5.02	CIVIL DETAILS
C5.03	CIVIL DETAILS
C5.04	CIVIL DETAILS
C5.05	CIVIL DETAILS
C5.06	CIVIL DETAILS
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L112	LANDSCAPE PLANTING PLAN
L113	LANDSCAPE PLANTING PLAN
L121	OVERALL LANDSCAPE IRRIGATION PLAN
L122	LANDSCAPE IRRIGATION PLAN
L123	LANDSCAPE IRRIGATION PLAN
L501	LANDSCAPE DETAILS
L502	LANDSCAPE IRRIGATION DETAILS
L503	LANDSCAPE IRRIGATION DETAILS
L504	LANDSCAPE IRRIGATION DETAILS
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C811	PLAN VIEWS
C812	PLAN VIEWS
C813	SECTION AND DETAIL VIEWS
C814	ROOF VIEWS AND DETAILS
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AS100	ARCHITECTURAL SITE PLAN
ARCHITECTURAL	
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A110.1	ANNOTATED PLAN - LEVEL 01
A110.2	REFLECTED CEILING PLAN - LEVEL 01
A110.3	WALL TYPES PLAN - LEVEL 01
A110.4	DIMENSIONS PLAN - LEVEL 01
A120.1	ANNOTATED PLAN - EQUIPMENT PLATFORM
A190	OVERALL ROOF PLAN - LEVEL 01
A201	EXTERIOR ELEVATION
A202	EXTERIOR ELEVATION
A301	BUILDING SECTION
A302	BUILDING SECTION
A303	BUILDING SECTION
A351	WALL SECTION
A400	RESTROOM PLANS
A401	RESTROOM PLANS
A402	RESTROOM PLANS
A403	ROSTRUM
A404	PLATFORM
A405	ENLARGED PLANS
A406	ENLARGED PLANS
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A453	VERTICAL CIRCULATION
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A501	WALL TYPES
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A511	DOOR + WINDOW DETAILS
A520	CEILING DETAILS
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A531	INTERIOR DETAILS
A540	EXTERIOR DETAILS
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A543	STEEPLE DETAILS
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A551	ROOF DETAILS
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A610	WINDOW
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S504	FOUNDATION DETAILS
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S524	ROOF DETAILS
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M503	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES
M701	MECHANICAL COMCHECK
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M703	MECHANICAL HEATING CALCULATIONS
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ME702	AUTOMATIC TEMPERATURE CONTROL WIRING
ME703	AUTOMATIC TEMPERATURE CONTROL WIRING
ME704	AUTOMATIC TEMPERATURE CONTROL WIRING
ME705	AUTOMATIC TEMPERATURE CONTROL WIRING
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E603	SCHEDULES AND NOTES
E604	ONE-LINE DIAGRAM
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TA502	AV SYSTEM DETAILS
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TA602	AV SYSTEM DIAGRAMS
TA603	AV SYSTEM DIAGRAMS
TT601	TELECOM SCHEDULES, NOTES AND DIAGRAMS
TT602	TELECOM NOTES AND DETAILS

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STATE OF UTAH
ROBERT W. JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

GENERAL INFORMATION + INDEX

G001

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GENERAL NOTES

01 - GENERAL REQUIREMENTS

DRAWINGS: THE DRAWINGS ARE ONLY INTENDED TO PARTIALLY DESCRIBE THE OVERALL SCOPE OF WORK. CONTRACTORS SHALL FIELD VERIFY EXISITNG CONDITIONS AND ALERT ARCHITECT IN ADVANCE OF ANY UNFORESEEN CONSTRUCTION DIFFICULTIES BEFORE BEGINNING WORK OR WORKING ON THE AFFECTED PORTION OF THE WORK.

PERMITS/FEES: CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS NECESSARY OTHER THAN THE BUILDING PERMIT. CONTRACTOR SHALL ALSO PAY FOR ALL OTHER CHARGES, FEES, OR COSTS CHARGED BY THE BUILDING AND CONSTRUCTION DEPARTMENTS, UTILITY AGENCIES, OR PRIVATE COMPANIES WHICH REQUIRE SUCH COSTS FOR, OR PRIOR TO, INSTALLATION.

CODES: NOTHING IN THE DRAWINGS AND/OR THE SPECIFICATIONS SHALL BE CONSTRUED TO PERMIT AN INSTALLATION IN VIOLATION OF APPILCABLE CODES AND/OR RESTRICTIONS. SHOULD ANY CHANGES IN THE DRAWINGS BE NECESSARY IN ORDER TO COMPLY WITH APPLICABLE CODES AND/OR REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AT ONCE AND CEASE WORK ON ALL PARTS OF THE CONTRACT WHICH ARE AFFECTED. THE WORK TO BE PERFORMED UNDER THIS CONTRACT SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES, REGULATIONS, RESTRICTIONS, REQUIREMENTS AND CODES.

ALL WORK AS SHOWN ON THE CONSTRUCTION DOCUMENTS IS PER THE 2021 INTERNATIONAL BUILDING CODE AND THE 2021 INTERNATIONAL FIRE CODE AS ADOPTED. IT IS THE INTENT OF THESE DOCUMENTS TO COMPLY THERETO. WORK PERFORMED IN VIOLATION OF LOCAL CODES OR ORDINANCES SHALL BE CORRECTED AT NO EXPENSE TO THE OWNER.

CONFLICT: IN CASE OF ANY CONFLICT WHEREIN THE METHODS OR STANDARDS OF INSTALLATION OR THE MATERIALS SPECIFIED DOES NOT EQUAL OR EXCEED THE REQUIREMENTS OF THE LAWS OR ORDINANCES, THE LAWS OR ORDINANCES SHALL GOVERN. NOTIFY ARCHITECT OF ALL CONFLICTS.

DIMENSIONS: DIMENSIONS ARE SHOWN TO FACE OF CONCRETE, FACE OF STUD FOR WOOD AND METAL FRAMED WALLS, AND CENTERLINE OF OPENINGS, UNLESS NOTED OTHERWISE. FRAMING DIMENSIONS HAVE BEEN ROUNDED TO THE NEAREST 1/2". CONTRACTOR SHALL VERIFY CONDITION BEFORE FRAMING BEGINS.

DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL USE DIMENSIONS ON THE DRAWINGS AND ACTUAL FIELD MEASUREMENT. NOTIFY THE ARCHITECT IF ANY DISCREPANCIES ARE FOUND.

SUBCONTRACTORS SHALL VERIFY SIZES AND LOCATIONS OF ALL OPENINGS. THE SUBCONTRACTOR SHALL VERIFY ALL ROUGH-IN DIMENSIONS FOR THE EQUIPMENT FURNISHED AND INSTALLED BY THEMSELVES OR OTHERS.

TEH CONTRACTOR AND SUBCONTRACTOR SHALL CONSULT THE PLANS OF ALL TRADES FOR OPENINGS THROUGH SLABS, WALLS, CEILINGS FOR ROOF DUCTS, PIPES, CONDUITS, CABINETS AND EQUIPMENT; AND SHALL VERIFY THE SIZES AND LOCATIONS WITH SUBCONTRACTORS.

EXISTING CONDITIONS:

EXISTING UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITIES. EXISTING UTILITIES SHOWN HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL UTILITY LOCATIONS NOT SHOWN. CARE SHOULD BE TAKEN TO AVOID DAMAGE OR DISTURBANCE TO EXISTING UTILITIES.

SURVEY: DIMENSIONS OF SITE CONDITIONS ARE FROM SURVEY BY OTHERS. ARCHITECT BEARS NO RESPONSIBILITY FOR ACCURACY OF SAME.

SOIL CONDITIONS: THE ARCHITECT ASSUMES NO RESPONSIBILITY AS TO THE PHYSICAL CHARACTERISTICS OF THE SOIL OR THE ACCURACY OF ENGINEERING DATA SUPPLIED BY OTHERS.

03 - CONCRETE

FOUNDATION: FOUNDATION WALLS ENCLOSING ANY WALLS BELOW FINISHED GRADE SHALL BE DAMPPROOFED ON THE OUTSIDE BY APPROVED METHODS AND MATERIALS.

04 - MASONRY

INSPECTIONS: PROVIDE FOR MASONRY INSPECTION BY A QUALIFIED MASONRY INSPECTOR AS REQUIRED BY IBC.

05 - METALS

DISSIMILAR METALS: PROVIDE GALVANIC INSULATION BETWEEN DISSIMILAR METALS.

PAINT: CONTRACTOR SHALL PRIME AND PAINT THE INTENDED PAINTABLE METAL STACKS, METAL BEAM/POST CONNECTIONS, VENTS GRILLS OR LOUVERS WHICH PROJECT THROUGH WALLS OR ROOFS AND IN VIEW. COLOR TO BE SELECTED BY ARCHITECT.

06 - WOOD, PLASTICS, COMPOSITES

PRESSURE TREATED WOOD: ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED PER INTERNATIONAL BUILDING CODE.

BLOCKING: PROVIDE IWOOD BACKING, FURRING, STRIPPING OR BLOCKING REQUIRED FOR INSTALLATION AND ATTACHMENT OF WORK OF ALL OTHER TRADES.

07 - THERMAL AND MOISTURE PROTECTION

OPENINGS: ALL OPENINGS TO BE CAULKED, SEALED OR WEATHER-STRIPPED.

WEATHER PROTECTION: PROVIDE WEATHER PROTECTION PER INTERNATIONAL BUILDING CODE 1404. INSTALL WEATHER RESISTIVE BARRIER PROTECTING WALL STRUCTURE AND FLASHING AND COUNTER-FLASHING AT EXTERIOR OPENINGS TO MAKE THEM WEATHERPROOF.

FLASHING: ALL FLASHING AND ARCHITECTURAL SHEET METAL TO BE 24 GUAGE GALVANIZED STEEL, 8'-0" MIN LENGTHS PER SMACNA MANUAL. FINAL COLOR TO BE DETERMINED BY ARCHITECT.

CAULKING AND SEALANT: USE PRIMERS AS REQUIRED BY MANUFACTURER, BACKING RODS OR TAPE AS RECOMMENDED BY MANUFACTURER. USE POLYURETHANE SEALANT AT CONCRETE FLOOR AND SIDEWALK JOINTS, MALL OTHER LOCATIONS USE POLYSULFIED OR SILICONE UNLESS NOTED OTHERWISE. APPLY TWO BEADS OF SEALANT BETWEEN SOLE PLATES AND FLOOR (IE SILICONIZED LATEX, FOAM GASKET OR EQUAL) UNLESS NOTED OTHERWISE.

VAPOR BARRIERS: CONTINUOUS APPROVED VAPOR BARRIERS SHALL BE INSTALLED ON THE HEATED SIDE OF ALL THERMAL INSULATION INSTALLED.

INSULATION: ALL INSULATION MATERIALS INCLUDING FACINGS, SUCH AS VAPOR BARRIERS OR BREATHER PAPERS INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, WALLS, CRAWL SPACES OR ATTICS SHALL HAVE A FLAME-SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE ASTM E84. (SEE EXEMPTIONS IBC 719). ALL FOAM PLASTIC INSULATION USED IN BUILDING CONSTRUCTION SHALL BE INSTALLED IN ACCORDANCE WITH IBC 719.

08 - OPENINGS

EXIT DOORS: EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. IBC 1003.3.1

GLASS: GLASS IN THE FOLLOWING LOCATIONS TO BE SAFETY GLASS: GLASS DOORS, SLIDING, PATIO DOORS, STORAGE DOORS, SHOWER AND BATHTUB ENCLOSURES, WINDOWS WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION, AND FIXED PANELS GREATER THAN 9 SQUARE FEET WITH LOWEST EDGE LESS THAN 18" ABOVE THE FLOOR. (SEE EXEMPTIONS IBC 2406.2)

HARDWARE: PROVIDE COMMERCIAL GRADE DOOR /WINDOW HARDWARE AT ALL OPERABLE WINDOWS AND DOORS.

09 - FINISHES

FINISH SCHEDULE: THE CONTRACTOR SHALL BE BOUND TO THE FINISH SCHEDULE PROVIDED FOR ROOMS AND SPACES, BUT SHALL BE ALSO RESPONSIBLE TO PROVIDE OTHER MATERIALS NOT DESIGNATED IN THE SCHEDULE IF REQUIRED IN TEH FIELD TO CREATE A FINISHED PRODUCT AT WALKS, FLOORS, CEILINGS, DOORS, WINDOWS, SOFFITS, TREADS, AND ALL OTHER FURRING, LEVELING AND PATCHING.

GYPSUM BOARD: INSTALL PER RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD, PER ANSI 97.1

22/23 - PLUMBING/HEATING, VENTILATING AND AIR CONDITIONING

COORDINATION: PLUMBING AND MECHANICAL WORK SHALL BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE WORK INDICATED IN ALL DRAWINGS INCLUDING THE ARCHITECTURAL AND PLUMBING DRAWINGS.

SIZING: PLUMBING AND SEWER PIPE SIZING, GAS AND MECHANICAL SIZING TO BE IN ACCORDANCE WITH RECOMMENDED PRACTICES PER CURRENTLY ADOPTED NATIONAL, STATE OR LOCAL REGULATIONS.

FURRING: ALL PIPING, DUCTS AND CONDUITS SHALL BE FURRED IN AT ALL FINISHED ROOMS. ALL STRUCTURAL METAL AND BEAM SEATS SHALL BE FURRED IN AT ALL FINISHED ROOMS. PROVIDE NON-COMBUSTIBLE BACKING, FURRING STRIPPING OR BLOCKING REQUIRED FOR INSTALLATION AND ATTACHMENT OF WORK OF ALL OTHER TRADES.

PIPE INSULATION: ALL SERVICE WATER PIPING SHALL BE THERMALLY INSULATED TO R-8 WHERE IT IS VULNERABLE TO FREEZING OR WHERE REQUIRED BY CODE. ALL PIPING IN CEILING AND EXTERIOR WALLS SHALL BE ON WARM SIDE OF THERMAL INSULATION, EXCEPT IN DOWNSPOUTS.

SHOP DRAWINGS: PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION AND INSTALLATION OF ITEMS FABRICATED IN THE SHOP FOR APPROVAL BY THE OWNER.

FRAMED OPENINGS: CONTRACTOR TO FRAME OPENINGS IN WALLS, CEILINGS AND FLOORS FOR HVAC AND OTHER MECHANICAL OR ELECTRICAL WORK WHERE REQUIRED AND NOT OTHERWISE SHOWN IN THE PLANS.

VENTS: PROVIDE AND INSTALL VENTING FOR ALL DRYER LOCATIONS, TO OUTSIDE AS REQUIRED BY IBC AND AS SHOWN ON DRAWINGS.

SEALING: SEAL AT ALL JOINTS AND AT ALL LONGITUDINAL SEAMS. SEAL ALL SEAMS IN KNUCKLE JOINTS. SEAL REGISTER BOOTS WHERE THEY ENTER ANY HEATED SPACE.

FIRE DAMPERS: DUCTS PENETRATING 1-HOUR WALLS AND ENCLOSURES SHALL BE PROVIDED AUTOMATIC FIRE DAMPERS.

26 - ELECTRICAL

GENERAL: WORK IS TO MEET REQUIREMENTS INDICATED HEREIN AND SUITABLE FOR THE INTENDED USES OF THE SPACES. ELECTRICAL WORK SHOULD BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE WORK INDICATED HEREIN.

CODES AND REGULATIONS: ELECTRICAL SERVICE REQUIREMENTS AND WIRING TO BE IN ACCORDANCE WITH RECOMMENDED PRACTICES AS PER CURRENTLY ADOPTED NATIONAL, STATE OR LOCAL REGULATIONS.

GASKETS: FOAM OUTLET GASKETS SHALL BE USED ON ALL RECEPTACLES, SWITCHES AND OTHER UTILITY BOXES ON EXTERIOR WALLS.

SEALANTS: CAULK AND SEAL OPENINGS IN BOX AND WHERE BOX MEETS DRYWALL WITH AN APPROVED SEALANT.

21 FIRE PROTECTION

SYSTEMS: AUTOMATIC FIRE-EXTINGUISHING SYSTEM TO BE PROVIDED. PROVIDE FIRE DETECTION, AUTOMATIC SPRINKLER AND ALARM SYSTEMS THAT MEET THEIR REQUIREMENTS OF THE IBC AND AS SPECIFIED IN THE IFC.

EXTINGUISHERS: PROVIDE PORTABLE FIRE EXTINGUISHERS AT EACH CORRIDOR AS REQUIRED BY THE INTERNATIONAL FIRE CODE.

HYDRANTS: FIRE DEPARTMENT REQUIRED WATER MAINS, FIRE HYDRANTS AND TEMPORARY FIRE DEPARTMENT ACCESS TO BE INSTALLED, INSPECTED AND APPROVED BY THE FIRE DEPARTMENT PRIOR TO COMMENCEMENT OF COMBUSTIBLE CONSTRUCTION.

CONSTRUCTION: TEMPORARY WATER AND TEMPORARY ACCESS DURING CONSTRUCTION MAY BE PERMITTED UPON REQUEST TO AND APPROVAL BY THE FIRE DEPARTMENT.

OPENINGS IN CEILINGS: WHEN A CEILING FORMS THE PROTECTIVE MEMBRANE FOR A FIRE-RESISTIVE FLOOR-CEILING OR ROOF-CEILING ASSEMBLY THE CEILING SHALL BE WITHOUT OPENINGS, EXCEPT FOR EXCEPTIONS OF THIS SUBSECTION IN ORDER TO PROTECT STRUCTURAL ELEMENTS IBC 711. DUCTS PENETRATING THE CEILING OF A FIRE-RESISTIVE FLOOR-CEILING OR ROOF-CEILING ASSEMBLY SHALL BE PROTECTED IN ACCORDANCE WITH IBC 710.

MATERIALS: THE MAXIMUM FLAME-SPREAD CLASS OF WALL AND FINISH MATERIALS ARE REQUIRED TO COMPLY WITH CHAPTER 8 OF THE IBC. ROOF COVERINGS SHALL BE FIRE RETARDANT AS SPECIFIED IN IBC 1505.

FIRE PROTECTED ASSEMBLIES: WALLS, CEILINGS AND PROTECTION MUST BE PROVIDED PER CHAPTER 7 OF THE IBC. FIRE STOPPING AND PENETRATION SYSTEMS TO BE SUPPLIED BY ONE MANUFACTURER. FIRE BLACKS ARE REQUIRED IN CONCEALED SPACES AT FLOOR AND CEILING LEVELS AND AT 10' INTERVALS BOTH VERTICAL AND HORIZONTAL ALONG THE LENGTH OF THE WALLS. IBC 716

FIRE DAMPERS: PROVIDE FIRE DAMPERS AT ALL SUPPLY AND RETURN AIR OUTLETS, INLETS OR DUCTS PENETRATING FIRE RATED ASSEMBLIES, ENCLOSURE, WALLS, FLOORS OR SURFACES AS SHOWN ON MECHANICAL PLANS. IF NOT SHOWN IN PLANS AT TIME OF BID IT IS THE CONTRACTORS RESPONSIBILITY TO FIND OUT BEFORE END OF BIDDING.

31 - EARTHWORK

HAZARDOUSE MATERIALS: DISCOVERY OF ANY HAZARDOUS MATERIALS (ASBESTOS, CHEMICAL WASTE, PESTICIDE, ETC.) SHALL BE REPORTED IMMEDIATELY TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR APPROVALS, REMOVAL, DISPOSAL AND CERTIFICATION AS REQUIRED BY LAW. OWNER TO ADVISE OF ANY KNOWN HAZARDS.

LANDSCAPE WORK: CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS.

PERMITS: CONTRACTOR TO MAKE NECESSARY ARRANGEMENTS OR SECURE NECESSARY PERMITS WITH THE GOVERNING AGENCY WHERE REQUIRED FOR SITE WORK OR TO BLOCK SIDEWALKS OR STREETS DUE TO CONSTRUCTION. REMOVE ALL SURPLUS FILL MATERIAL FROM TEH SITE AND LEGALLY DISPOSE OF ALL DEBRIS.

SAFETY: CONTRACTOR SHALL PROVIDE COMPLETE SAFETY PRECAUTIONS AND MEASURES ON THE ENTIRE SITE, YARDS AND PASSAGEWAYS.

SETBACKS: ALL SETBACKS TO BE CLEARLY MARKED ON SITE AND VERIFIED BY THE BUILDING INSPECTOR BEFORE THE POUR OF ANY CONCRETE.

CODE ANALYSIS

GOVERNING BUILDING CODES:
2021 International Building Code with Appendix "J"
2021 International Mechanical Code
2021 International Fuel Gas Code
2021 International Plumbing Code
2021 International Fire Code
2021 International Energy Conservation Code (ASHRAE 90.1)
2020 National Electric Code
2009 ICC/ANSI 117.1 A Accessible and Usable Buildings & Facilities

OCCUPANCY TYPE: SECTION 302
- **A - 3 (COMMUNITY HALLS)**
- **B (OFFICES + EDUCATIONAL OCCUPANCIES FOR STUDENTS ABOVE THE 12TH GRADE)**

CONSTRUCTION TYPE: SECTION 602
- TYPE **V-B**

BUILDING HEIGHT: TABLE 504.3
- ALLOWED: **50'-0"**
- ACTUAL: **31'-7"**

STORIES ABOVE GRADE PLANE: TABLE 504.4
- ALLOWED: **2**
- ACTUAL: **1**

BUILDING AREA: TABLE 506.2
- ALLOWED: **24,000 SF OR 25,500 W/ FRONTAGE INCREASE**
  $A_a = A_t + (NS \times I_f)$

  I_f : BASED ON SOUTH AND EAST SIDES OF THE BUILDING, WHICH MAKE UP 49% OF THE OVERALL BUILDING PERIMETER

  A= 24,000 + (6,000 x 0.25)
  A = 25,500
- ACTUAL: **24,078 SF**

FIRE RESISTANCE RATING: TABLE 601
0 HOURS = STRUCTURAL FRAME
0 HOURS = EXTERIOR BEARING WALL
0 HOURS = INTERIOR BEARING WALL
0 HOURS = NON-BEARING WALL
0 HOURS = FLOOR ASSEMBLY
0 HOURS = ROOF ASSEMBLY

FIRE RESISTANCE RATING BY SEPARATION DISTANCE: TABLE 705.5
0 HOURS = NORTH(**247'-9"** TO PROPERTY LINE)
0 HOURS = EAST(**171'-3"** TO PROPERTY LINE)
0 HOURS = SOUTH(**38'-0"** TO PROPERTY LINE)
0 HOURS = WEST(**27'- 9"** TO PROPERTY LINE)

MIXED USE AND OCCUPANCY: TABLE 508.4
- REQUIRED SEPARATION: **NO SEPARATION REQUIREMENT (508.3)**

INTERIOR FINISH REQUIREMENTS: TABLE 803.13
CLASS **B**: INTERIOR EXIT STAIRWAY, RAMP, AND PASSAGEWAY
CLASS **B**: CORRIDOR
CLASS **C**: ROOMS AND ENCLOSED SPACES

FIRE SPRINKLER: SECTION 903
AUTOMATIC SPRINKLER SYSTEM REQUIRED IN A-3 OCCUPANCY

OCCUPANT LOAD: TABLE 1004.5
OCCUPANCY TYPE **A-3**: **1,416 OCCUPANTS**
OCCUPANCY TYPE **B**: **75 OCCUPANTS**

TOTAL = **1,491** OCCUPANTS

EGRESS WIDTH: SECTION 1005.3
STAIR: .3" PER OCCUPANT
OTHER SPACE: .2" PER OCCUPANT

A - 3 OCCUPANCY:
STAIR: N/A
OTHER SPACE: 1,416 x .2" = **283.2" REQUIRED ; 360" PROVIDED**

B OCCUPANCY
STAIR: N/A
OTHER SPACE: 75 x .2" = **15" REQUIRED ; 36" PROVIDED**

EXIT ACCESS TRAVEL DISTANCE: TABLE 1017.2
300' MAX ALLOWED (B OCCUPANCY WITH SPRINKLER SYSTEM)
ACTUAL MAX DISTANCES ARE SHOWN ON LIFE SAFETY PLAN, G102.

250' MAX ALLOWED (A - 3 OCCUPANCY WITH SPRINKLER SYSTEM)
ACTUAL MAX DISTANCES ARE SHOWN ON LIFE SAFETY PLAN, G102.

ACTUAL MAX EXIT DISTANCE AND WIDTH:
A - 3 OCCUPANCY WITH SPRINKLER SYSTEM
EXIT #1 = 237'-4" MAX, 82" WIDE
EXIT #2 = 237'-5" MAX, 82" WIDE
EXIT #5 = 224'-10" MAX, 82" WIDE
EXIT #6 = 239'-8" MAX, 36" WIDE
EXIT #7 = 231'-2" MAX, 36" WIDE

B OCCUPANCY WITH SPRINKLER SYSTEM
EXIT #3 = 223'-6" MAX, 36" WIDE
EXIT #4 = 223'-2" MAX, 36" WIDE

ACCESSIBILITY (CHAPTER 11)
ALL PUBLIC AND COMMON SPACES ARE REQUIRED TO BE ACCESSIBLE
ACCESSIBLE ROUTE REQUIRED TO ENTRANCE (1104)

ENERGY EFFICIENCY (CHAPTER 13)
BUILDING SHALL BE DESIGNED AND CONSTRUCTED TO MEET INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

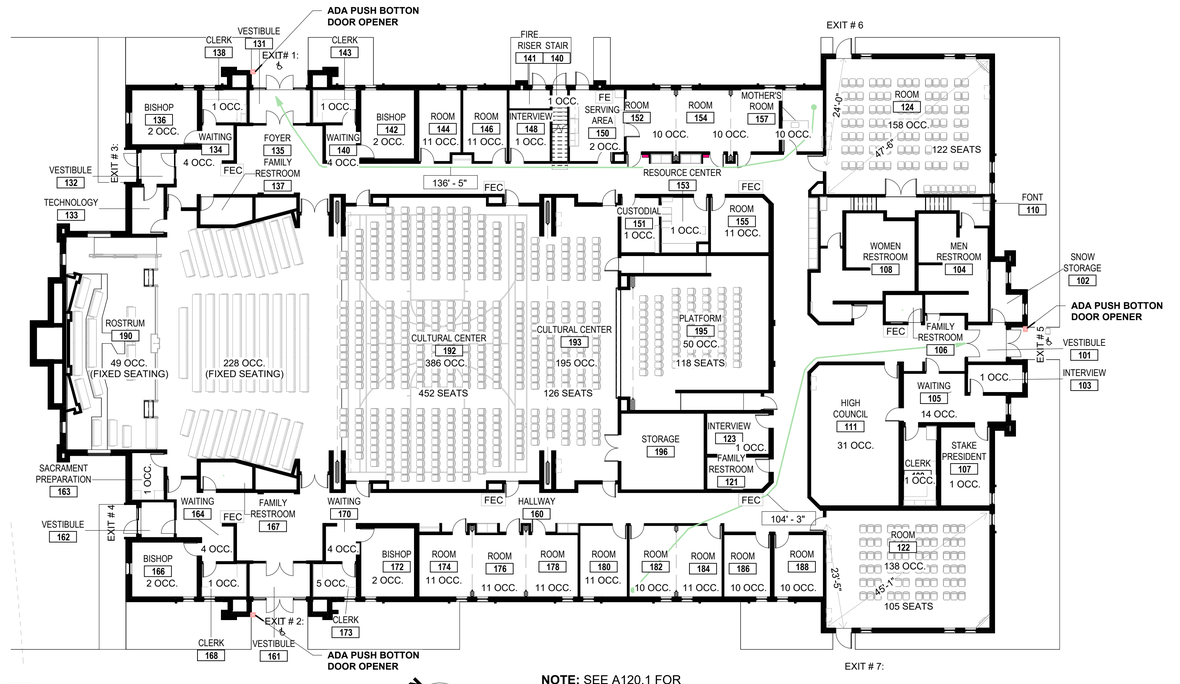
PLUMBING FIXTURES (TABLE 2902.1)
(A-3 OCCUPANCY) = 1,412 OCCUPANTS = 706 MALE + 706 FEMALE
MALE WC = 1 PER 150 = 4.7 = 5
FEMALE WC = 1 PER 75 = 9.4
MALE LAV = 1 PER 200 = 3.53= 4
FEMALE LAV = 1 PER 200 = 4
DRINKING FOUNTAIN = 1 PER 1000 = 2
SERVICE SINK = 1

(B OCCUPANCY) = 75 OCCUPANTS = 38 MALE + 38 FEMALE
MALE WC = 1 PER 25 = 2
FEMALE WC = 1 PER 25 = 1.52
MALE LAV = 1 PER 40 = 1
FEMALE LAV = 1 PER 40 = 1
DRINKING FOUNTAIN = 1 PER 1,000 = 1
SERVICE SINK = 1

TOTAL REQUIRED:
WATER CLOSETS = 7 MALE + 11 FEMALE = 18 REQUIRED
LAVATORIES = 5 MALE + 5 FEMALE = 10 REQUIRED
DRINKING FOUNTAINS = 2 REQUIRED
SERVICE SINK = 1 REQUIRED

TOTAL PROVIDED:
WATER CLOSETS = 4 UNISEX + 6 MALE + 8 FEMALE = 18 PROVIDED
LAVATORIES = 4 UNISEX + 3 MALE + 3 FEMALE = 10 PROVIDED
DRINKING FOUNTAINS = 3 PROVIDED
SERVICE SINK = 2 PROVIDED

- **REQUIRED PARKING:** 1 SPACE PER 5 SEATS FOR CHURCH USE
NUMBER OF SEATS: **973** (ROSTRUM(49)+CHAPEL(228)+CULTURAL CENTER(696)
PARKING STALLS: 973/5 = **195 REQUIRED ; 284 PROVIDED**



A3 CODE + LIFE SAFETY PLAN
1/16" = 1'-0"

NOTE: SEE A120.1 FOR EQUIPMENT PLATFORM LEVEL F.E LOCATION

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STATE OF UTAH
BRIAN W. JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

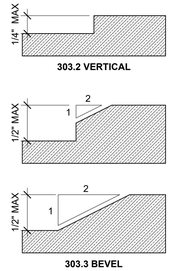
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

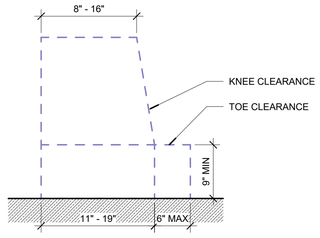
CODE + LIFE SAFETY

G101

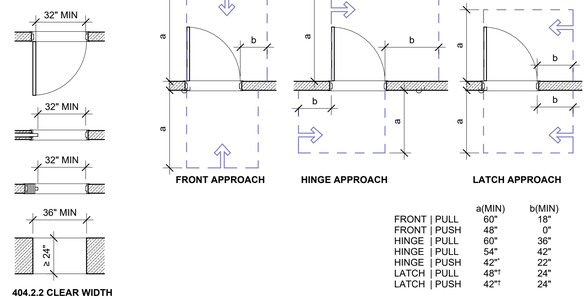
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303 - CHANGES IN LEVEL



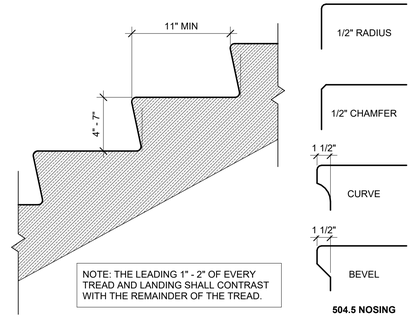
306 - KNEE + TOE CLEARANCE



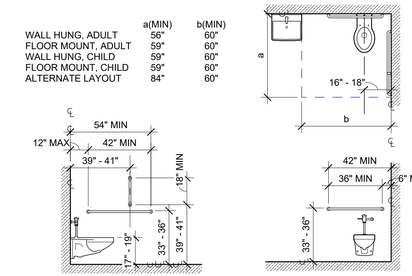
	a(MIN)	b(MIN)
FRONT | PULL	60"	18"
FRONT | PUSH	48"	0"
HINGE | PULL	60"	36"
HINGE | PULL	54"	42"
HINGE | PUSH	42"	22"
LATCH | PULL	48"†	24"
LATCH | PUSH	42"†	24"

*ADD 6" WITH CLOSER AND LATCH
†ADD 6" WITH CLOSER

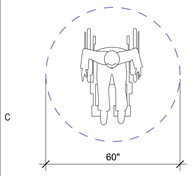
404 - DOOR + DOORWAY



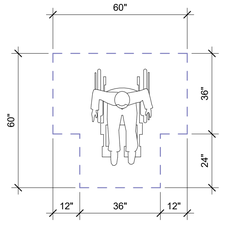
504 - STAIRWAYS

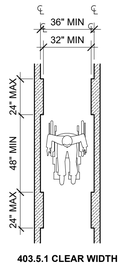


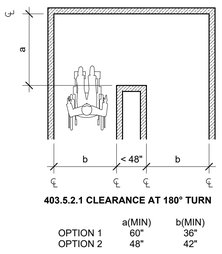
604 - WATER CLOSETS



304 - TURNING SPACE

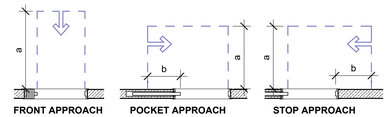






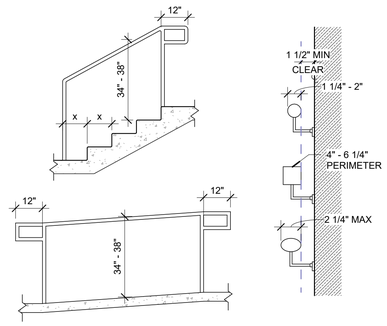
	a(MIN)	b(MIN)
OPTION 1	60"	36"
OPTION 2	48"	42"

403 - ACCESSIBLE ROUTE

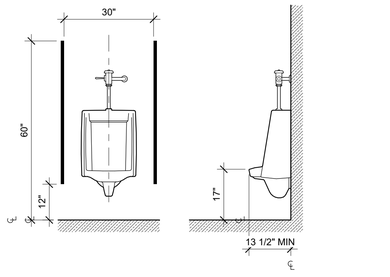


	a(MIN)	b(MIN)
FRONT	48"	0"
POCKET	42"	22"
STOP	42"	24"

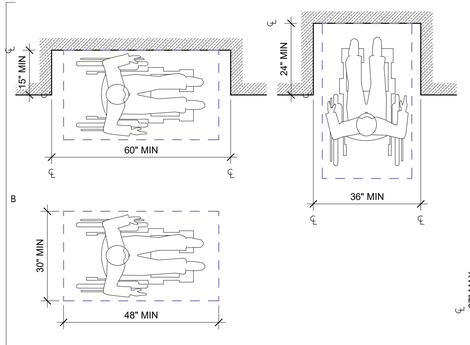
404.2.3.3 - SLIDING DOOR + DOORWAY



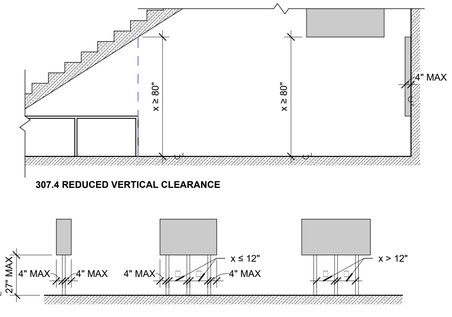
505 - HANDRAIL



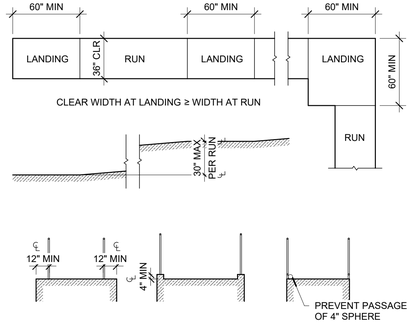
605 - URINALS



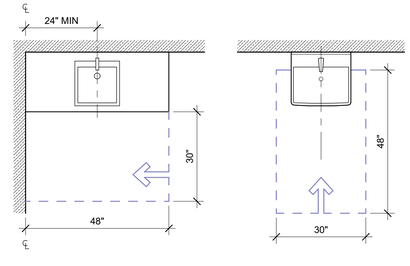
305 - CLEAR FLOOR SPACE



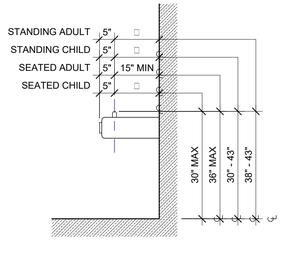
307 - PROTRUDING OBJECTS



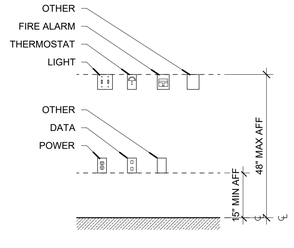
405 - RAMPS



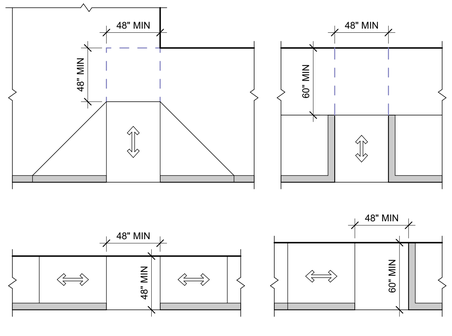
606 - LAVATORIES + SINKS



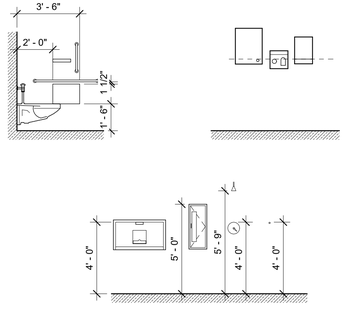
602 - DRINKING FOUNTAINS



308 - REACH RANGES



406 - CURB RAMPS



604.7 - ACCESSORIES + EQUIPMENT

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STATE OF UTAH
ROBERT JOHNSON
No. 8595169-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

TYP ANSI ACCESSIBILITY STANDARD

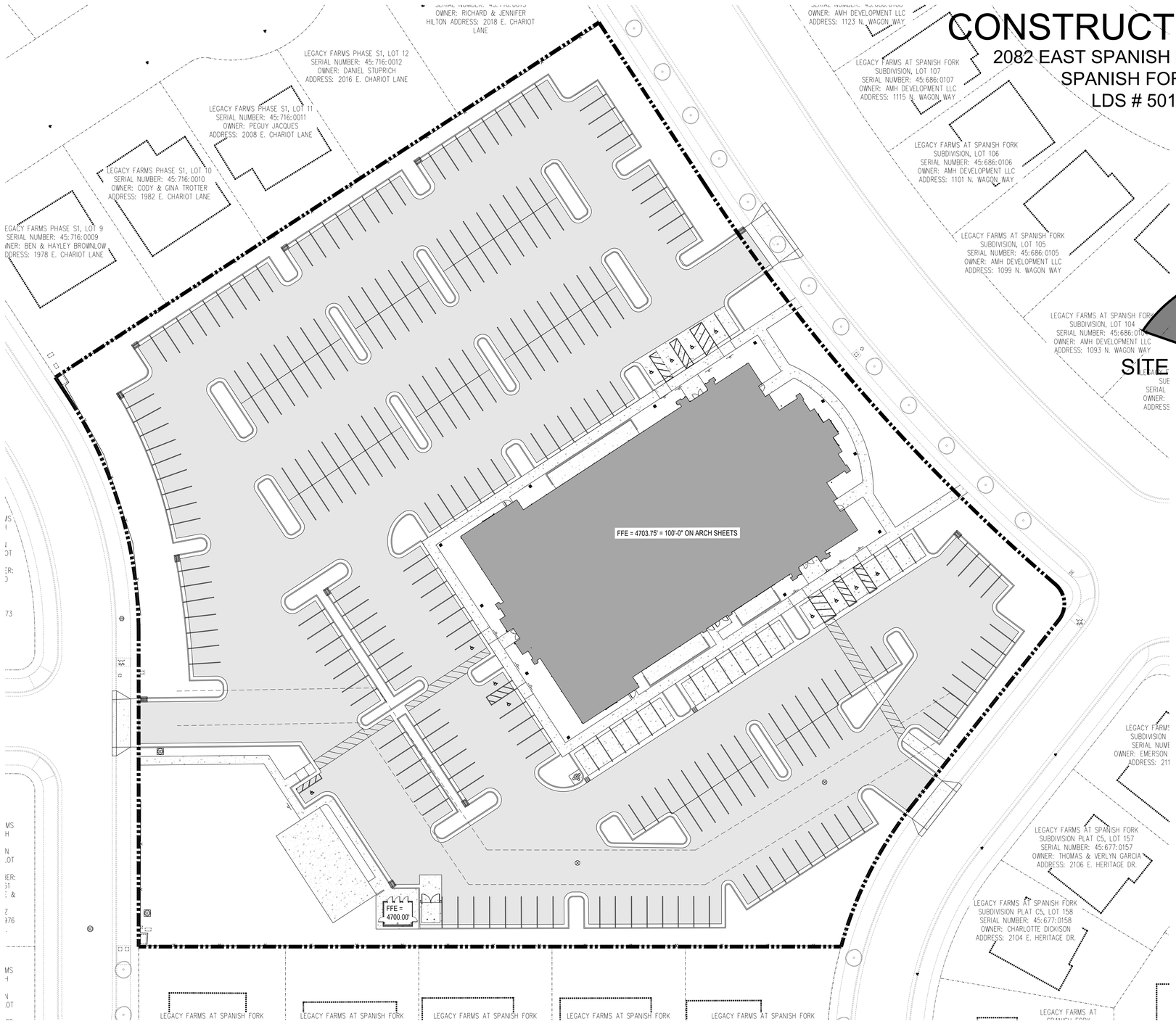
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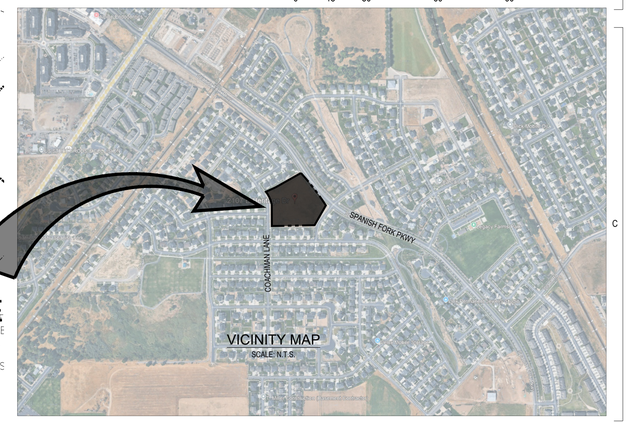
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LEGACY FARMS
LDS STAKE CENTER

CONSTRUCTION PLANS

2082 EAST SPANISH FORK PARKWAY
SPANISH FORK, UTAH
LDS # 501-4029





VICINITY MAP
SCALE: N.T.S.

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ALL WORK AND MATERIALS FOR WATER MUST CONFORM TO SPANISH FORK CITY STANDARDS AND SPECIFICATIONS

ALL WORK AND MATERIALS FOR SEWER MUST CONFORM TO SPANISH FORK CITY STANDARDS AND SPECIFICATIONS

ALL WORK AND MATERIALS MUST CONFORM TO APWA AND SPANISH FORK CITY STANDARDS AND SPECIFICATIONS

OWNER / ARCHITECT

OWNER: THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
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Structural Engineering • Land Surveying & HDS

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: The Church of Jesus Christ of Latter-day Saints
DATE: 03.03.26

REV	DATE	DESCRIPTION

COVER SHEET

C0.00

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GENERAL NOTES

1.1 COMPLIANCE

1. ALL WORK TO CONFORM TO GOVERNING MUNICIPALITY'S STANDARDS, SPECIFICATIONS AND REQUIREMENTS.
2. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS AND THE MOST RECENT, ADOPTED EDITIONS OF THE FOLLOWING: INTERNATIONAL BUILDING CODE (IBC), THE INTERNATIONAL PLUMBING CODE, STATE DRINKING WATER REGULATIONS, APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS, ADA ACCESSIBILITY GUIDELINES.
3. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY REVISIONS MUST HAVE PRIOR WRITTEN APPROVAL.

1.2 PERMITTING AND INSPECTIONS

1. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED THOROUGHLY REVIEWED PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
2. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND NOTIFYING ARCHITECT/ENGINEER OR INSPECTING AUTHORITY 48 HOURS IN ADVANCE OF COVERING UP ANY PHASE OF CONSTRUCTION REQUIRING OBSERVATION.
3. ANY WORK IN THE PUBLIC RIGHT-OF-WAY WILL REQUIRE PERMITS FROM THE APPROPRIATE, CITY, COUNTY OR STATE AGENCY CONTROLLING THE ROAD AND WITH APPROPRIATE INSPECTIONS.

1.3 COORDINATION & VERIFICATION

1. ALL DIMENSIONS, GRADES & UTILITY DESIGNS SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS, IF NOT VERIFIED AND NOTIFICATION OF CONFLICTS HAVE NOT BEEN BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
2. CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND BRING UP ANY QUESTIONS BEFOREHAND. NO ALLOWANCE WILL BE MADE FOR DISCREPANCIES OR OMISSIONS THAT CAN BE EASILY OBSERVED.
3. CONTRACTOR TO COORDINATE WITH ALL OTHER DISCIPLINES, INCLUDING BUT NOT LIMITED TO: LANDSCAPE PLANS, SITE ELECTRICAL SITE LIGHTING PLANS AND ELECTRICAL SERVICE TO THE BUILDING(S), MECHANICAL PLANS FOR LOCATION OF SERVICES TO THE BUILDING(S), INCLUDING FIRE PROTECTION, ARCHITECTURAL SITE PLAN FOR DIMENSIONS, ACCESSIBLE ROUTES, ETC., NOT SHOWN ON CIVIL PLANS.
4. CONTRACTOR IS TO COORDINATE LOCATION OF NEW TELEPHONE SERVICE, GAS SERVICE, CABLE, ETC. TO BUILDING WITH THE APPROPRIATE UTILITY COMPANY. FOR TELEPHONE, CONTRACTOR TO FURNISH CONDUIT, PLYWOOD BACKBOARD, AND GROUND WIRE, AS REQUIRED.

1.4 SAFETY AND PROTECTION

1. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION,
2. CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF THE PROJECT AND SHALL MEET ALL OSHA REQUIREMENTS.
3. CONTRACTOR IS RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES, AND FOR THE PROTECTION OR WORKERS AND PUBLIC.
4. CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT ALL EXISTING PUBLIC AND PRIVATE PROPERTY, ROADWAYS, AND UTILITY IMPROVEMENTS. DAMAGE TO EXISTING IMPROVEMENTS CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE TO THE SATISFACTION OF THE OWNER OF SAID IMPROVEMENTS.
5. CONTRACTOR IS REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE APPROVED PROJECT LIMITS. THIS INCLUDES, BUT IS NOT LIMITED TO, VEHICLE AND EQUIPMENT STAGING, MATERIAL STORAGE AND LIMITS OF TRENCH EXCAVATION.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMISSION AND/OR EASEMENTS FROM THE APPROPRIATE GOVERNMENT AGENCY AND/OR INDIVIDUAL PROPERTY OWNER(S) FOR WORK OR STAGING OUTSIDE OF THE PROJECT LIMITS.
7. CONTRACTOR SHALL PROVIDE BARRICADES, SIGNS, FLASHERS, OTHER EQUIPMENT AND FLAG PERSONS NECESSARY TO INSURE THE SAFETY OF WORKERS AND VISITORS. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
8. CONTRACTOR SHALL COMPLY WITH LOCAL NOISE ORDINANCE STANDARDS.
9. CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL ACCORDING TO GOVERNING AGENCY STANDARDS.
10. CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH CONSTRUCTION. SUBMIT A STORM WATER POLLUTION PREVENTION PLAN, IF REQUIRED.
11. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
12. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION.
13. NATURAL VEGETATION AND SOIL COVER SHALL NOT BE DISTURBED PRIOR TO ACTUAL CONSTRUCTION OF A REQUIRED FACILITY OR IMPROVEMENT. MASS CLEARING OF THE SITE IN ANTICIPATION OF CONSTRUCTION SHALL BE AVOIDED. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO ONE APPROACH TO THE SITE. THE APPROACH SHALL BE DESIGNATED BY THE OWNER OR GOVERNING AGENCY.
14. THE CONTRACTOR SHALL TAKE REASONABLE MEASURE TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE AND ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED OR RECONSTRUCTED TO THE ENGINEER/OWNER'S SATISFACTION AT THE EXPENSE OF THE CONTRACTOR.

1.5 MATERIALS

1. SITE CONCRETE SHALL BE A MINIMUM 6.5 BAG MIX, 4000 P.S.I. @ 28 DAYS, 4" MAXIMUM SLUMP WITH 5 + OR - 1% AIR ENTRAINMENT, UNLESS SPECIFIED OTHERWISE. -SEE SPECIFICATION
   A. SLABS-ON-GRADE WILL BE TYPICALLY SCORED (1/4 THE DEPTH) AT INTERVALS NOT TO EXCEED THEIR WIDTH OR 12 TIMES THEIR DEPTH, WHICHEVER IS LESS. SCORING WILL BE PLACED TO PREVENT RANDOM CRACKING. FULL DEPTH EXPANSION JOINTS WILL BE PLACED AGAINST ANY OBJECT DEEMED TO BE FIXED, CHANGES IN DIRECTION AND AT EQUAL INTERVALS NOT TO EXCEED 50 FEET.
   B. CONCRETE WATERWAYS, CURBWALLS, MOWSTRIPS, CURB AND GUTTER, ETC. WILL TYPICALLY BE SCORED (1/4 THE DEPTH AT INTERVALS NOT TO EXCEED 10 FEET AND HAVE FULL DEPTH EXPANSION JOINTS AT EQUAL SPACING NOT TO EXCEED 50 FEET.
   C. UNLESS OTHERWISE NOTED, ALL SLABS-ON-GRADE WILL HAVE A MINIMUM 8" TURNED-DOWN EDGE TO HELP CONTROL FROST HEAVE.
   D. UNLESS OTHERWISE NOTED, ALL ON-GRADE CONCRETE WILL BE PLACED ON A MINIMUM 4" GRAVEL BASE OVER A WELL COMPACTED (90%) SUBGRADE.
   E. ALL EXPOSED SURFACES WILL HAVE A TEXTURED FINISH, RUBBED OR BROOMED. ANY "PLASTERING" OF NEW CONCRETE WILL BE DONE WHILE IT IS STILL "GREEN".
   F. ALL JOINTS (CONTROL, CONSTRUCTION OR EXPANSION JOINTS, ETC.) WILL BE SEALED WITH A ONE PART POLYURETHANE SEALANT (SEE SPECIFICATION).
2. ASPHALTIC CONCRETE PAVEMENT SHALL BE A MINIMUM 3" OVER 8" OF COMPACTED (95%) ROAD BASE OVER PROPERLY PREPARED AND COMPACTED (90%) SUBGRADE, UNLESS NOTED OTHERWISE. -SEE SPECIFICATIONS, AND DETAIL "D1" SHEET C5.01
   A. ASPHALT COMPACTION SHALL BE A MINIMUM 96% (MARSHALL DESIGN).
   B. SURFACE COARSE SHALL BE ½ " MINUS. MIX DESIGN TO BE SUBMITTED FOR APPROVAL AT LEAST TWO WEEKS PRIOR TO ANTICIPATED PAVING SCHEDULE.
   C. AC PAVEMENT TO BE A ¼" ABOVE LIP OF ALL GUTTER AFTER COMPACTION.
   D. THICKNESSES OVER 3" WILL BE LAID IN TWO LIFTS WITH THE FIRST LIFT BEING AN APPROVED 3/4" MINUS DESIGN.

1.6 GRADING / SOILS

1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT, WHICH BY REFERENCE ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE. UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS, OR IN THE SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY BETWEEN THE SOILS REPORT AND THESE PLANS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT.
3. DUE TO THE EASILY DISTURBED NATURE OF THE NATIVE SUBGRADE, IT IS NOT RECOMMENDED TO COMPACT THE EXPOSED NATIVE SUBGRADE WITHIN ANY CUT EXCAVATIONS. IT IS RECOMMENDED TO LIMIT THE AMOUNT OF CUT AREAS AT THE SITE AND LEAVE THE TOPSOIL MAT IN PLACE IN AS MANY AREAS AS POSSIBLE. IF EXCAVATIONS MUST EXTEND INTO THE NATIVE SUBGRADE IT IS RECOMMENDED TO USE LOW IMPACT, TRACK MOUNTED EQUIPMENT WITH SMOOTH EDGED BUCKETS / BLADES.
4. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED SOILS ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITH THE BUILDING PAD AREA AND AREAS TO BE PAVED, HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT.
5. SITE CLEARING SHALL INCLUDE THE LOCATING AND REMOVAL OF ALL UNDERGROUND TANKS, PIPES, VALVES, ETC.
6. ALL EXISTING VALVES, MANHOLES, ETC. SHALL BE RAISED OR LOWERED TO GRADE AS REQUIRED.

GENERAL NOTES: CONTINUED

1.7 UTILITIES

1. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES EITHER DIRECT OR THROUGH BLUE STAKE TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION.
2. CONTRACTOR TO VERIFY BY POTHOLING BOTH THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLING ANY NEW LINES. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
3. CONTRACTOR MUST START AT LOW END OF ALL NEW GRAVITY UTILITY LINES. MECHANICAL SUB-CONTRACTOR MUST BE PROVIDED CIVIL SITE DRAWINGS FOR COORDINATION AND TO CHECK THE FLOW FROM THE LOWEST POINT IN BUILDING TO THE FIELD VERIFIED CONNECTION AT THE EXISTING MAIN. NO EXTRA COMPENSATION IS TO BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO FAILURE TO COMPLY WITH THESE REQUIREMENTS.
4. CONTRACTOR IS TO VERIFY LOCATION, DEPTH, SIZE, TYPE, AND OUTSIDE DIAMETERS OF UTILITIES IN THE FIELD BY POTHOLING A MINIMUM OF 300 FEET AHEAD, PIPELINE CONSTRUCTION TO AVOID CONFLICTS WITH DESIGNED PIPELINE GRADE AND ALIGNMENT. EXISTING UTILITY INFORMATION SHOWN ON PLANS OR OBTAINED FROM UTILITY COMPANIES OR BLUE STAKED MUST BE ASSUMED AS APPROXIMATE, REQUIRING FIELD VERIFICATION.
5. CULINARY WATER AND FIRE SERVICE LINES TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS AND SPECIFICATIONS.
6. SANITARY SEWER MAINS AND LATERALS TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY SEWER DISTRICT STANDARDS AND SPECIFICATIONS.
7. STORM SEWER TO BE CONSTRUCTED IN ACCORDANCE WITH THE GOVERNING MUNICIPALITY STANDARDS AND SPECIFICATIONS.
8. ALL STORM DRAIN AND IRRIGATION CONDUITS SHALL BE INSTALLED WITH WATER TIGHT JOINTS AND CONNECTIONS.
9. ALL STORM DRAIN PIPE PENETRATIONS INTO BOXES SHALL BE CONSTRUCTED WITH WATER TIGHT SEALS ON THE OUTSIDE AND GROUTED SMOOTH WITH A NON-SHRINK GROUT ON THE INSIDE. CONDUITS SHALL BE CUT OFF FLUSH WITH THE INSIDE OF THE BOX.
10. NO CHANGE IN THE DESIGN OF UTILITIES AS SHOWN WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE GOVERNING MUNICIPALITY, OR OTHER AUTHORITY HAVING JURISDICTION OVER THAT UTILITY.
11. ALL STORM DRAIN CONDUITS AND BOXES SHALL BE CLEAN AND FREE OF ROCKS, DIRT, AND CONSTRUCTION DEBRIS PRIOR TO FINAL INSPECTION.

1.8 SURVEY CONTROL

1. CONTRACTOR MUST PROVIDE A REGISTERED LAND SURVEYOR OR PERSONS UNDER THE SUPERVISION OF A REGISTERED LAND SURVEYOR TO SET STAKES FOR THE ALIGNMENT AND GRADE OF EACH MAIN AND/OR FACILITY AS SHOWN ON THE PLANS. THE STAKES SHALL BE MARKED WITH THE HORIZONTAL LOCATION (STATION) AND VERTICAL LOCATION (GRADE) WITH CUTS AND/OR FILLS TO THE APPROVED GRADE OF THE MAIN AND OR FACILITY AS SHOWN ON THE PLANS.
2. THE CONTRACTOR SHALL PROTECT ALL STAKES AND MARKERS FOR VERIFICATION PURPOSES.
3. CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND REFERENCE MARKS WITHIN THE PROJECT SITE.

1.9 AMERICAN DISABILITIES ACT

1. PEDESTRIAN / ADA ROUTES SHALL MEET THE FOLLOWING SPECIFICATIONS:
   *ROUTES SHALL HAVE A 2.08% (1:48) MAXIMUM CROSS SLOPE.
   *ROUTES SHALL HAVE A 5.00% (1:20) MAXIMUM RUNNING SLOPE.
   *RAMPS SHALL HAVE A 8.33% (1:12) MAXIMUM RUNNING SLOPE.
2. ADA PARKING STALLS AND ADJACENT ROUTES SHALL HAVE A 2.08% (1:48) MAXIMUM SURFACE SLOPE IN ANY DIRECTION.
3. THE CONTRACTOR SHALL ADHERE TO THE ABOVE SPECIFICATIONS. IN THE EVENT OF A DISCREPANCY IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO ANY CONSTRUCTION.

LEGEND

NEW	EXISTING		NEW	EXISTING	
		MONUMENT LINE			SECTION CORNER (FOUND)
		CENTER LINE			SECTION CORNER (NOT FOUND)
		SUBJECT PROPERTY LINE			
		ADJACENT PROPERTY LINE			STREET MONUMENT
		EASEMENT LINE			BRASS CAP MONUMENT
		DITCH FLOWLINE			POWER POLE
	x	FENCE LINE			UTILITY POLE
ATMS	atms	ATMS CABLE	GUY	GUY	GUY ANCHOR
TV	tv	CABLE TV LINE	TRANS	TRANS	POWER TRANSFORMER
C	c	COMMUNICATIONS LINE			TRAFFIC SIGNAL CABINET
FO	fo	FIBER-OPTIC CABLE			LIGHT POLE
F	f	FIRE LINE	TR	TR	TELEPHONE RISER
IRR	irr	IRRIGATION LINE	T	T	TELEPHONE MANHOLE
G	g	NATURAL GAS LINE			TRAFFIC SIGNAL BOX
OHC	ohc	OVERHEAD COMMUNICATIONS	W	W	WATER MANHOLE
OHP	ohp	OVERHEAD POWER LINE			WATER VALVE
OHT	oht	OVERHEAD TELEPHONE LINE	WM	WM	WATER METER
OHTV	ohtv	OVERHEAD TELEVISION LINE			FIRE HYDRANT
P	p	POWER LINE	S	S	SANITARY SEWER MANHOLE
P/C	p/c	POWER/COMMUNICATIONS LINE	SSCO	SSCO	SANITARY SEWER CLEANOUT
P/T	p/t	POWER/TELEPHONE LINE	SD	SD	STORM DRAIN MANHOLE
P/T/C	p/t/c	POWER/TELE/COMM LINE			STORM DRAIN CURB INLET
RD	rd	ROOF DRAIN LINE			STORM DRAIN CATCH BASIN
SW	sw	SECONDARY WATER LINE	SD	SD	STORM DRAIN CLEANOUT
S	s	SANITARY SEWER LINE			STORM DRAIN COMBO BOX
ST	st	STEAM LINE	MB	MB	MAILBOX
SD	sd	STORM DRAIN LINE			SIGN
T	t	TELEPHONE LINE			FLOW DIRECTION
T/C	t/c	TELEPHONE/COMM LINE	44.00 TOC	44.00 EX TOC	SPOT ELEVATION
UD	ud	UNDERDRAIN			CONIFEROUS TREE
UGC	ugc	UNDERGROUND COMMUNICATIONS			DECIDUOUS TREE
UGP	ugp	UNDERGROUND POWER LINE			
UGT	ugt	UNDERGROUND TELEPHONE LINE			
UGTV	ugtv	UNDERGROUND TELEVISION			
W	w	WATER LINE			
72	4572	CONTOUR LINE			
		CURB & GUTTER (STD)			
		CURB & GUTTER (OUTFALL)			

ABBREVIATIONS

AC	ACRE	DIP	DUCTILE IRON PIPE	GM	GAS METER	PCC	POINT OF COMPOUND CURVE	T	TOWNSHIP
ADA	AMERICANS WITH DISABILITIES ACT	DTREE	DECIDUOUS TREE	GMH	GAS MANHOLE	PI	POINT OF INTERSECTION	TBC	TOP BACK OF CURB
ATMS	ADVANCED TRAFFIC MGMT. SYSTEM	DYL	DOUBLE YELLOW LINE	GUY	GUY WIRE	PM	PARKING METER	TELE	TELEPHONE
B&C	BAR & CAP	E	EAST	GV	GAS VALVE	PP	POWER POLE	TFC	TOP FACE OF CURB
BC	BUILDING CORNER	EB	ELECTRIC BOX	HDPE	HIGH DENSITY POLYETHYLENE	PRC	POINT OF REVERSE CURVE	TFG	TOP FINISH GRADE
BFG	BOTTOM FINISH GRADE	EGL	ENERGY GRADE LINE	HG	HEADGATE	PRK	PARKING STRIPE	TL	TREE LINE
BLUE	BLUE STAKED ELECTRIC	ELEV	ELEVATION	HGL	HYDRAULIC GRADE LINE	POC	POINT OF CONNECTION	TMH	TELEPHONE MANHOLE
BLUFO	BLUE STAKED FIBER OPTIC	EM	ELECTRIC METER	HP	HIGH POINT	PT	POINT OF TANGENCY	TOA	TOP OF ASPHALT
BLUG	BLUE STAKED NATURAL GAS	EMH	ELECTRIC MANHOLE	HW	HEADWALL or HIGH WATER	PWR	POWER	TOC	TOP OF CONCRETE
BLUIRR	BLUE STAKED IRRIGATION	EOA	EDGE OF ASPHALT	HWY	HIGHWAY	PVC	POLYVINYL CHLORIDE PIPE	TOF	TOP OF FOOTING
BLUSD	BLUE STAKED STORM DRAIN	EOC	EDGE OF CONCRETE	ICO	IRRIGATION CLEANOUT	R	RANGE	TOG	TOP OF GRATE
BLUSS	BLUE STAKED SANITARY SEWER	EOG	EDGE OF GRAVEL	ICV	IRRIGATION CONTROL VALVE	RCP	REINFORCED CONCRETE PIPE	TOE	TOE OF SLOPE
BLUT	BLUE STAKED TELEPHONE	EOL	EDGE OF LAWN	IE	INVERT ELEVATION	RD	ROOF DRAIN	TOP	TOP OF SLOPE or TOP OF PIPE
BLUW	BLUE STAKED WATER	EX or EXIST	EXISTING	IRR	IRRIGATION	REV	REVISION	TOW	TOP OF WALL
BM	BENCHMARK	F	FIRE	LF	LINEAR FEET	ROW	RIGHT-OF-WAY	TR	TELEPHONE RISER
BOF	BOTTOM OF FOOTING	FC	FOUNDATION CORNER	LIP	LIP OF GUTTER	RR	RAILROAD	TV	TELEVISION
BOB	BOTTOM OF BOX	FD	FOUND or FOUNDATION DRAIN	LP	LOW POINT or LIGHT POLE	S	SOUTH	TW	FINISH GRADE AT TOP OF WALL
BOL	BOLLARD	FDC	FIRE DEPT. CONNECTION	MAX	MAXIMUM	SAD	SEE ARCHITECTURAL DRAWINGS	TRANS	TRANSFORMER
BOT	BOTTOM	FDMN	FOUND MONUMENT	MIN	MINIMUM	SD	STORM DRAIN	TSP	TRAFFIC SIGNAL POLE
BOV	BLOW-OFF VALVE	FDSC	FOUND SECTION CORNER	MON	MONUMENT	SDCB	STORM DRAIN CATCH BASIN	TSB	TRAFFIC SIGNAL BOX
BOW	BACK OF WALK	FFE	FINISHED FLOOR ELEVATION	MP	METAL PIPE	SDCO	STORM DRAIN CLEOUNOUT BOX	UD	UNDERDRAIN
BW	FINISH GRADE AT BOTTOM OF WALL	FG	FINISHED GRADE	MW	MONITORING WELL	SDMH	STORM DRAIN MANHOLE	UGC	UNDERGROUND COMMUNICATIONS
℄	CENTERLINE	FH	FIRE HYDRANT	N	NORTH	SEC	SECTION	UGP	UNDERGROUND POWER
CATV	CABLE TELEVISION	FL	FLOW LINE	NG	NATURAL GROUND	SPECS	SPECIFICATIONS	UGT	UNDERGROUND TELEPHONE
CBR	CONCRETE BARRIER	FNC	FENCE	NGRET	NG AT RETAINING WALL	SL&M	SALT LAKE BASE & MERIDIAN	UGTV	UNDERGROUND TELEVISION
CC	CURB CUT	FNCCL	CHAIN LINK FENCE	NR	NAIL & RIBBON	SQ	SQUARE	U.N.O.	UNLESS NOTED OTHERWISE
COL	COLUMN	FNCIRN	IRON FENCE	NW	NAIL & WASHER	SQFT	SQUARE FEET	UP	UTILITY POLE
COMM	COMMUNICATIONS	FNCVYL	VINYL FENCE	NTS	NOT TO SCALE	SQYD	SQUARE YARD	VCP	VITRIFIED CLAY PIPE
CONC	CONCRETE	FNCWD	WOOD FENCE	OG	ORIGINAL GROUND	SS	SANITARY SEWER	VP	VERTICAL PIPE
CONST	CONSTRUCTION	FNCWR	WIRE FENCE	OH	OVERHANG	SSCO	SANITARY SEWER CLEANOUT	W	WEST or WATER
CMP	CORRUGATED METAL PIPE	FO	FIBER OPTIC	OHC	OVERHEAD COMMUNICATIONS	SSMH	SANITARY SEWER MANHOLE	WM	WATER METER
CP	CONTROL POINT	FOW	FRONT OF WALK	OHP	OVERHEAD POWER	ST	STEAM	WMH	WATER MANHOLE
CTREE	CONIFEROUS TREE	FT	FEET	OHT	OVERHEAD TELEPHONE	STA	STATION	WS	WATER SURFACE
CUFT	CUBIC FOOT	G	NATURAL GAS	OHTV	OVERHEAD TELEVISION	STD	STANDARD	WTR	WATER
CUYD	CUBIC YARD	GAR	GARAGE	℘	PROPERTY LINE	STM	STORM	WV	WATER VALVE
DEL	DELINEATOR	GB	GRADE BREAK	PB	POWER BOX	SYL	SOLID YELLOW LINE	WW	WATERWAY
DIA or Ø	DIAMETER	GL	GROUND LIGHT	PC	POINT OF CURVATURE	SWL	SOLID WHITE LINE		

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Civil Engineering • Consulting & Landscape Architecture
Structural Engineering • Land Surveying & MDS

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: The Church of Jesus Christ of Latter-day Saints
DATE: 03.03.26

REV	DATE	DESCRIPTION

GENERAL NOTES, LEGEND AND ABBREVIATIONS

C0.01

5/16/2025 3:23:11 PM



NORTH

SCALE: 1" = 30'

0 15' 30' 60' 90'

SITE AREA TABLE

DESCRIPTION	AREA	%
HARDSCAPE	124,850 SQFT	62%
LANDSCAPE	56,697 SQFT	28%
BUILDINGS	21,050 SQFT	10%
TOTAL	202,597 SQFT	100%

GENERAL NOTES:

ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS OTHERWISE NOTED.

SEE ARCHITECTURAL SITE PLAN FOR ADDITIONAL INFORMATION.

SEE LANDSCAPE PLANS FOR IRRIGATION AND PLANTING.

ALL WORK TO COMPLY WITH GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.

ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.

KEYED NOTES:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED AND THE DETAILS NOTED AND AS SHOWN ON THE CONSTRUCTION DRAWINGS:

1. STANDARD DUTY ASPHALT PAVEMENT WITH GRANULAR BASE PER STANDARD CHURCH DETAIL, SEE DETAIL 'A', SHEET C5.01.
2. ON SITE CONCRETE SIDEWALK, PER STANDARD CHURCH DETAIL, SEE DETAILS 'C, AND D', SHEET C5.01.
3. CONCRETE FLARE DRIVE APPROACH, PER APWA PLAN NO. 221.1
4. 24" CONCRETE CURB AND GUTTER - IN FLOW STYLE. SEE DETAIL 'E', SHEET C5.01.
5. 24" CONCRETE CURB AND GUTTER - OUT FLOW STYLE. SEE DETAIL 'F', SHEET C5.01.
6. ADA RAMP ACCESSIBLE WALK, PER STANDARD CHURCH DETAILS, SEE DETAIL 'D' TYPE B RAMP, SHEET C5.02.
7. ADA ACCESSIBLE PARKING STALL SIGN, PER STANDARD CHURCH DETAIL, SEE DETAIL 'A', SHEET C5.02.
8. PAINTED ADA ACCESSIBLE PARKING SYMBOL, PER STANDARD CHURCH DETAIL, SEE DETAIL 'B', SHEET C5.02.
9. 4" WIDE SOLID YELLOW PARKING STALL STRIPE LINES.
10. 4" WIDE SOLID YELLOW PEDESTRIAN STRIPE LINES.
11. MECHANICAL ENCLOSURE, PER STANDARD CHURCH DETAILS 'F, G, H', AND J', SHEET C5.03. SEE ARCHITECTURAL, AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
12. DUMPSTER ENCLOSURE, PER STANDARD CHURCH DETAIL, SEE DETAILS 'B, C, D, AND E', SHEET C5.03. SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
13. SIDEWALK AREA LIGHT POLE, PER STANDARD CHURCH DETAIL, SEE DETAILS 'O', SHEET C5.03.
14. CONCRETE PAVEMENT WITH GRANULAR BASE PER STANDARD CHURCH DETAIL, SEE DETAIL 'B', SHEET C5.01.
15. NEW SPLIT FACE MASONRY WALL WHERE ADJACENT TO RESIDENTIAL USE. SEE ARCHITECTURAL PLANS FOR WALL DETAILS.
16. NEW 6' TALL BLACK CHAIN LINK FENCE WITH CONCRETE MOWSTRIP, SEE LANDSCAPE PLANS FOR FENCE WITH MOWSTRIP DETAILS, SEE ARCHITECTURAL PLANS FOR FENCE DETAILS.

PARKING STALL COUNT
TOTAL PARKING STALLS = 344 STALLS
ADA STALLS = 12 OF THE 344 STALLS ARE ADA
ADA VAN STALLS = 4 OF 12 ADA STALLS ARE ADA VAN STALLS

Blue Stakes of UTAH811 Bluestakes.org

NOTICE!

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PROFESSIONAL ENGINEER
02-27-26
No. 11088925-2202
DANIEL J. CANNING
STATE OF UTAH

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BUILDING PERMIT SUBMISSION

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CIVIL SITE PLAN

C1.01



STORM RUNOFF CALCULATION SHEET			
Mcneil Engineering 8610 S. Sandy Pkwy, Sandy, UT	Project No. 25355	Title : Spanish Fork Palmyra	
		Scope : Site Drainage Design	
		Detention Facilities	
		Engineer : DJC	Check: DJC
		Authority : Spanish Fork	Rev. No.: 1

Design Philosophy:
Storm Drain runoff from the proposed site will sheet flow to designed catch basins spread around the site and and be captured by those catch basins then be conveyed by underground pipe to a proposed underground chamber detention system that will detain the water and release it into the public system at a rate of 0.15 cfs by means of an orifice.

Area Identification	(A)		Runoff Coefficient (C)		(C*A)
Paved	119,269 sf	(2.74 ac)	0.90	=	107,342 sf
Roof Area	24,000 sf	(0.55 ac)	0.90	=	21,600 sf
Landscaped	59,328 sf	(1.36 ac)	0.15	=	8,899 sf
Total	202,597 sf	(4.65 ac)	0.68 (ave)		137,841 sf

Allowable Discharge Rate = 0.15 cfs/ac
Allowable Peak Discharge = 0.70 cfs

100-Year, 24-Hour Storm: Time (min)	Rate (in/hr)	Rainfall (Inches)	Q in (cfs)	Adrl Q in (cfs)	Total Q in (cfs)	Q out (cfs)	Storage (cf)
5	6.30	0.525	20.10	0.00	20.10	0.70	5,821
10	4.79	0.799	15.30	0.00	15.30	0.70	8,759
15	3.96	0.991	12.65	0.00	12.65	0.70	10,756
30	2.66	1.330	8.49	0.00	8.49	0.70	14,022
60	1.65	1.650	5.26	0.00	5.26	0.70	16,442
120	0.91	1.820	2.90	0.00	2.90	0.70	15,883
180	0.63	1.880	2.00	0.00	2.00	0.70	14,061
360	0.34	2.010	1.07	0.00	1.07	0.70	8,019
720	0.19	2.320	0.62	0.00	0.62	0.62	0
1440	0.11	2.700	0.36	0.00	0.36	0.36	0

Subsurface Storage Provided:

Pond	Area(sf)	Depth (ft)	Volume (cu. ft.)
Detention Chamber System			16881 cf
Total Surface Storage			**16881 cf**

Total Detention Required : 16,442 cf
Total Detention Provided : 16,881 cf

NORTH

SCALE: 1" = 30'

0 15' 30' 60' 90'

GENERAL NOTES:

SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557 EXCEPT UNDER BUILDING FOUNDATION WHERE IT SHALL BE 98% MIN. OF MAXIMUM DENSITY. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED SOILS ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED, HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS & SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT.

THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. SPECIFIC DETAILS SHOWN ON SHEET C2.02 SHALL BE USED IN COMBINATION WITH OTHER ACCEPTED LOCAL PRACTICES.

EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT.

KEYED NOTES:

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1. GRADE SITE TO ELEVATIONS AND CONTOURS SHOWN ON PLAN.
2. STORM DRAIN CURB INLET WITH HEAVY DUTY BICYCLE SAFE GRATE
3. 12" SQUARE SECURABLE NYLOPLAST YARD DRAIN, PER STANDARD DETAIL, SEE DETAIL ', SHEET C502.
4. STORM DRAIN PIPE. SEE PLAN FOR LENGTH, SIZE, TYPE AND SLOPE. SEE APWA PLANS NO. 381 & 382 FOR TRENCHING DETAIL.
5. 6" HDPE PIPE FROM DOWNSPOUT BASIN. SLOPE AT 0.50% MINIMUM FROM DOWNSPOUT BASIN, PER STANDARD DETAIL, SEE DETAIL ', SHEET C502. COORDINATE DOWNSPOUT LOCATION WITH ARCHITECTURAL PLANS.
6. TAPER LAST 3' OF CURB TO MATCH SIDEWALK HEIGHT, PER STANDARD CHURCH DETAIL.
7. STORMTECH MC-3500 CHAMBERS OR EQUIVALENT SYSTEM APPROVED PRIOR TO BIDDING. SYSTEM TO OUTLET CONTROL STRUCTURE AS SHOWN ON PLANS ALL PROVIDED BY THE CONTRACTOR. STORMTECH CHAMBER HAS DETENTION OF 16,374 C.F. REQUIRED DETENTION = 15,876 C.F. SEE DETAIL ON SHEET C5.02. SHOP DRAWINGS PROVIDED BY MANUFACTURER PRIOR TO BIDDING AND CONSTRUCTION.
8. LANDING AREAS TO HAVE 2% MAXIMUM SLOPE AWAY FROM BUILDING
9. ADA PARKING STALL, TOA (TOP OF ASPHALT) SPOT GRADES ARE TO BE STAKED TO ENSURE SLOPE WITHIN ADA PARKING STALL REMAINS UNDER 2.0% MAX. SLOPE.
10. NEW STORM DRAIN CLEANOUT BOX WITH WATERMAN GATE, WATERMAN GATE PER SPANISH FORK CITY STANDARD DETAIL SD-411, SHEET C5.05.
11. NEW STORM DRAIN CLEANOUT BOX WITH SNOUT SEPARATOR, SNOUT PER DETAIL 'A', SHEET C5.03.
12. NEW STORM DRAIN CATCH BASIN WITH HEAVY DUTY BICYCLE SAFE GRATE.

100 YR OVERFLOW:

THE STORM CHAMBER SYSTEM IS SIZED TO HOLD AND RETAIN WATER TO MEET THE LID REQUIREMENT AND THEN DETAIN THE 100 YR 24 HR STORM AND DISCHARGE AT THE ALLOWED RATE OF 0.15 CFS. IN CASE OF A STORM LARGER THAN THE 100 YR 24 HR STORM THE LOWEST CURB INLET BOX WILL ACT AS THE 100 YR OVERFLOW. IT HAS A GRATE ELEVATION OF 4697.84' WITH A 6" CURB DIRECTLY BEHIND IT. THE TOP OF THE STORM CHAMBERS HAS AN ELEVATION OF 4697.85'. IF THERE IS MORE WATER THAN THE STORM CHAMBERS CAN HOLD WATER WILL OVERTOP THIS LOW GRATE AND POND IN THE LOW CORNER OF THE PARKING LOT UNTIL IT REACHES THE 6" HEIGHT OF THE CURB AND THEN IT WILL SPILL OVER THE CURB AND RUN OUT TO THE PUBLIC CURB AND GUTTER.

LID STORM WATER NOTES:

PER CITY / STATE REQUIREMENT THE 80TH PERCENTILE STORM SHOULD BE RETAINED ON SITE AS AN L.I.D MEASURE. THE 80TH PERCENTILE STORM EQUATES TO 0.50" ACROSS THE SITE. PER THE BELOW CALCULATION THE FIRST 7,456 CF OF STORM WATER SHOULD BE RETAINED.
0.50" x 202,597 SQ FT = 8,442 CF
THE DISCHARGE PIPE FROM THE STORM CHAMBER SYSTEM IS SET UP OFF THE FLOOR SO THAT WATER HAS TO FILL UP IN THE CHAMBERS BEFORE IT CAN BE DISCHARGED AND THE LID REQUIREMENT WILL BE MET IN THE WATER THAT IS RETAINED IN THE CHAMBERS AND GRAVEL BELOW THE DISCHARGE PIPE.
DISCHARGE PIPE ELEVATION = 4696.25' BOTTOM OF CHAMBERS = 4694.10'
SO BOTTOM 2.15' OF CHAMBERS AND 9" OF GRAVEL WILL RETAIN THE WATER FOR LID REQUIREMENT.

COMMON GRADING ABBREVIATIONS:

SEE SHEET C0.01 FOR ADDITIONAL ABBREVIATIONS

- BFE	BASEMENT FLOOR ELEVATION
- BW	FINISH GRADE AT BOTTOM OF WALL
- EX or EXIST	EXISTING
- EOA	EDGE OF ASPHALT
- EOC	EDGE OF CONCRETE
- FFE	FINISH FLOOR ELEVATION
- FG	FINISH GRADE
- FL	FLOW LINE
- GB	GRADE BREAK
- HP	HIGH POINT
- LP	LOW POINT
- NG	NATURAL GROUND
- SDCB	STORM DRAIN CATCH BASIN
- SDCO	STORM DRAIN CLEANOUT BOX
- SDDB	STORM DRAIN DRAIN BASIN
- SDMH	STORM DRAIN MANHOLE
- TBC	TOP BACK OF CURB
- TOA	TOP OF ASPHALT
- TOC	TOP OF CONCRETE
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- TOW	TOP OF WALL
- TW	FINISH GRADE AT TOP OF WALL
- WW	WATERWAY

Blue Stakes of UTAH 811 Bluestakes.org

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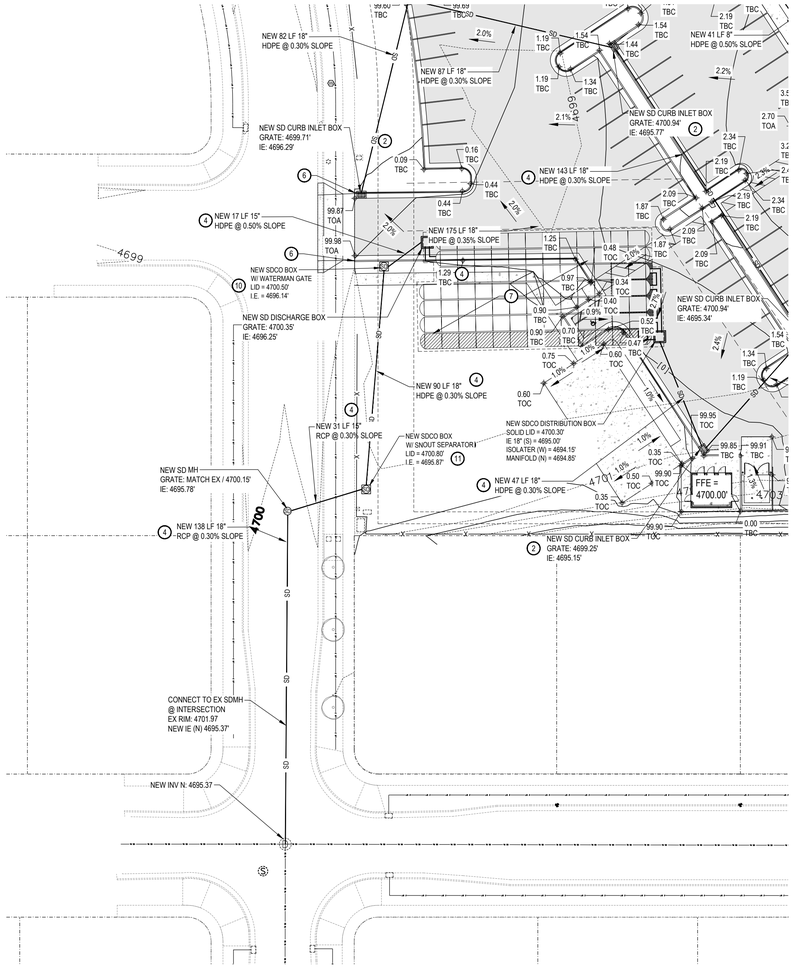
JOB NUMBER: 501-4029
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GRADING AND DRAINAGE PLAN

C2.01

5/16/2025 3:23:11 PM



STORM RUNOFF

CALCULATION SHEET

Project No. 25355

Title : Spanish Fork Palmyra
Scope : Site Drainage Design
Detention Facilities
Engineer : DJC Check: DJC
Authority : Spanish Fork Rev. No.: 1

Moneil Engineering
8610 S. Sandy Pkwy, Sandy, UT

Design Philosophy:
Storm Drain runoff from the proposed site will sheet flow to designed catch basins spread around the site and and be captured by those catch basins then be conveyed by underground pipe to a proposed underground chamber detention system that will detain the water and release it into the public system at a rate of 0.15 cfs by means of an orifice.

	Area Identification (A)		Runoff Coefficient (C)		(C*A)
Paved	119,269 sf	(2.74 ac)	0.90	=	107,342 sf
Roof Area	24,000 sf	(0.55 ac)	0.90	=	21,600 sf
Landscaped	59,328 sf	(1.36 ac)	0.15	=	8,899 sf
Total	202,597 sf	(4.65 ac)	0.68 (ave)		137,841 sf

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1440	0.11	2.700	0.36	0.00	0.36	0.36	0

Subsurface Storage Provided:

Pond	Area(sf)	Depth (ft)	Volume (cu. ft.)
Detention Chamber System			16881 cf
Total Surface Storage			**16881 cf**
Total Detention Required :			**16,442 cf**
Total Detention Provided :			**16,881 cf**

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GRADING AND DRAINAGE PLAN

C2.02

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NORTH

SCALE: 1" = 30'

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GENERAL NOTES:

THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. SPECIFIC DETAILS REFERRED TO ON THIS SHEET SHALL BE USED IN COMBINATION WITH OTHER ACCEPTED LOCAL PRACTICES.

ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LOCAL AGENCY'S EROSION CONTROL STANDARDS AND SPECIFICATIONS AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE AGENCY HAVING JURISDICTION. ALSO INSPECTORS WILL HAVE THE RIGHT TO CHANGE THE FACILITIES AS NEEDED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATIONS OF ALL EXISTING UTILITIES. IF CONFLICTS OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.

THE CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL.

WHEN GRADING OPERATIONS HAVE BEEN COMPLETED AND THE DISTURBED GROUND SHALL BE LEFT "OPEN" FOR 30 DAYS OR MORE THE AREA SHALL BE FURROWED PARALLEL TO THE CONTOURS OF THE AREA.

THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.

MAINTENANCE:

THE OWNER'S REPRESENTATIVE SHALL MAKE ROUTINE CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIRS OR SEDIMENT REMOVAL IS NECESSARY. DUE TO CONDITIONS THAT MAY ARISE IN THE FIELD, ADDITIONAL CONTROL MAY BE DETERMINED TO BE NECESSARY.

SILT FENCE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT THE LEAST DAILY DURING PROLONGED RAINFALL.

CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCES, END RUNS, AND UNDERCUTTING BENEATH SILT FENCING.

NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF SILT FENCING SHALL BE ACCOMPLISHED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

KEYED NOTES:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED AND THE DETAILS NOTED AND AS SHOWN ON THE CONSTRUCTION DRAWINGS:

1. SILT FENCE AS SHOWN ON PLAN. SEE DETAIL 'C3', SHEET C5.04.
2. INLET PROTECTION AROUND EXISTING OR NEW STORM DRAIN CATCH BASINS OR CURB INLETS. SEE DETAIL 'A1', SHEET C5.04.
3. TEMPORARY CONSTRUCTION ENTRANCE. SEE DETAIL 'C1', SHEET C5.04. LOCATION SHOWN IS SUGGESTIVE. CONTRACTOR TO RELOCATE AS NEEDED.
4. CONCRETE WASHOUT AREA. SEE DETAIL 'A3', SHEET C5.04. LOCATION SHOWN IS SUGGESTIVE. CONTRACTOR TO RELOCATE AS NEEDED.
5. PORTABLE TOILET. SEE DETAIL 'C5', SHEET C5.04. LOCATION SHOWN IS SUGGESTIVE. CONTRACTOR TO RELOCATE AS NEEDED.
6. TOPSOIL STOCK PILE AREA. MAINTAIN SILT FENCE AROUND PERIMETER AT ALL TIMES. CONTROL DUST FROM PILE BY EITHER COVERING OR KEEPING MOIST. LOCATION SHOWN IS SUGGESTIVE. CONTRACTOR TO RELOCATE AS NEEDED.
7. NEW FILTER SOCK TO BE PLACED IN THE GUTTER ON THE DOWN STREAM END OF THE LOT TO PREVENT SEDIMENT FROM BEING TRANSPORTED INTO THE STORM DRAIN SYSTEM.
8. 3'X4' SIGN TO INCLUDE SWPPP MAP & BEST MANAGEMENT PRACTICES(BMP). SIGN TO BE POSTED NEAR MAIN ENTRANCE & MUST STATE AS FOLLOWS:

SWPPP STORM WATER POLLUTION PREVENTION PLAN
A UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES) PERMIT COVERS THIS CONSTRUCTION SITE. IF ANY NON-STORM WATER DISCHARGE OR SEVERE VEHICLE TRACKING OCCURS PLEASE CALL THE SPANISH FORK SWPPP INSPECTOR AT 801-804-4577

Blue Stakes of UTAH 811 Bluestakes.org

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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LEGACY FARMS LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: The Church of Jesus Christ of Latter-day Saints
DATE: 03.03.26

REV	DATE	DESCRIPTION

EROSION CONTROL PLAN

C2.10

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NORTH

SCALE: 1" = 30'

0 15' 30' 60' 90'

GENERAL NOTES:

CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL DRAWINGS.

ALL NEW WATER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS.

ALL NEW SANITARY SEWER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS.

CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY SEWER LINES.

FOUR FEET OF COVER IS REQUIRED OVER ALL SEWER LINES.

MAINTAIN A MINIMUM OF 48 INCHES OF COVER ON ALL WATER LINES.

CONTRACTOR IS TO COORDINATE LOCATIONS OF NEW TELEPHONE SERVICE TO BUILDING WITH CENTURY LINK. A PVC CONDUIT, PLYWOOD BACKBOARD, AND GROUND WIRE IS REQUIRED FOR SERVICE THROUGH PROPERTY, COORDINATE SIZES AND LOCATION WITH CENTURY LINK.

CONTRACTOR IS TO SUBMIT SITE PLAN TO ENBRIDGE ENERGY FOR DESIGN OF GAS LINE SERVICE TO BUILDING. CONTRACTOR TO COORDINATE WITH ENBRIDGE ENERGY FOR CONTRACTOR LIMITS OF WORK VERSUS ENBRIDGE ENERGY LIMITS.

LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE LOCATIONS. CONTRACTOR IS TO VERIFY CONNECTION POINTS WITH EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURE THAT ARE TO REMAIN.

UTILITY ALERT CONTACTS
- WATER: SPANISH FORK CITY
- SEWER: SPANISH FORK CITY
- NATURAL GAS: ENBRIDGE ENERGY
- ELECTRICAL POWER: ROCKY MOUNTAIN POWER
- TELEPHONE: CENTURY LINK

KEYED NOTES:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED AND THE DETAILS NOTED AND AS SHOWN ON THE CONSTRUCTION DRAWINGS:

1. 8" BLUE PVC C-900 DR-18 WATER LINE FOR FIRE LOOP, INCLUDING ALL FITTINGS AND THRUST BLOCKING. TRENCHING AND THRUST BLOCKING PER SPANISH FORK CITY STANDARD DETAIL W-201 SEE SHEET C5.05.
2. CONNECT NEW 8" PVC C-900 DR-18 WATER LINE TO EXISTING WATER MAIN STUBBED ONTO SITE, PER SPANISH FORK CITY STANDARDS AND SPECIFICATIONS.
3. FIRE HYDRANT ASSEMBLY, PER SPANISH FORK CITY STANDARD DETAIL W - 210, SEE SHEET C5.05.
4. 6" DIP CLASS 52 FIRE LINE , PER SPANISH FORK CITY STANDARD DETAIL W-223, SEE SHEET C5.05.
5. CONNECT NEW 2" WATER SERVICE LINE TO LATERAL STUBBED ONTO SITE, PER SPANISH FORK STANDARDS AND SPECIFICATIONS.
6. 2" WATER SERVICE METER SET AND SERVICE LINE, PER SPANISH FORK CITY STANDARD DETAIL W - 216, SEE SHEET C5.05.
7. 6" PVC SDR-35 SANITARY SEWER LATERAL @ 1.00% MINIMUM SLOPE, INCLUDING NEW CLEANOUTS PER SPANISH FORK CITY STANDARD DETAIL SS - 305, SEE SHEET C5.05.
8. SEWER CLEANOUT AND 6" PVC SEWER LINE FOR USE IN CLEARING SEWER LINES WITHIN THE BUILDING FROM OUTSIDE (TYPICAL CHURCH DESIGN) SEE STANDARD CHURCH DETAIL 'H' SHEET C5.01.
9. APPROXIMATE LOCATION OF NEW NATURAL GAS LINE. CONTRACTOR TO COORDINATE SIZE, DESIGN AND INSTALLATION BY ENBRIDGE ENERGY WITH OTHER CONSTRUCTION.
10. APPROXIMATE LOCATION OF NEW NATURAL GAS METER(S). CONTRACTOR TO COORDINATE SIZE, DESIGN AND INSTALLATION WITH DOMINION ENERGY AND WITH MECHANICAL PLANS.
11. PARKING LOT LIGHT LOCATION. SEE STANDARD CHURCH DETAILS 'M', AND 'P', SHEET C5.01. ALSO SEE ELECTRICAL PLANS FOR DETAILS.
12. 3/4" POLY PIPE WATER LINE FROM PROPOSED BUILDING TO THE PROPOSED PAVILION DRINKING FOUNTAIN. SEE PLUMBING PLANS FOR COORDINATION AND FOR DETAILS.
13. INSTALL A REDUCED PRESSURE BACKFLOW PREVENTER WHERE THE CULINARY WATER SERVICE LINE ENTERS THE BUILDING PER CITY REQUIREMENT.

Blue Stakes of UTAH 811 Bluestakes.org

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LEGACY FARMS LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

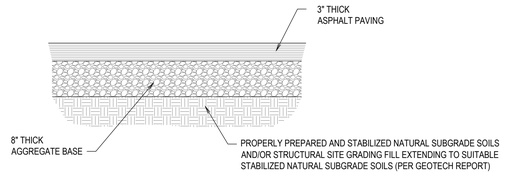
JOB NUMBER: 501-4029
OWNER: The Church of Jesus Christ of Latter-day Saints
DATE: 03.03.26

REV	DATE	DESCRIPTION

SITE UTILITY PLAN

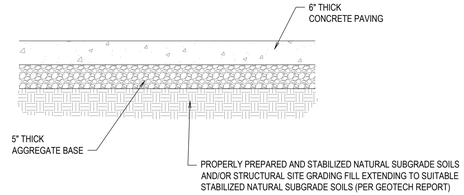
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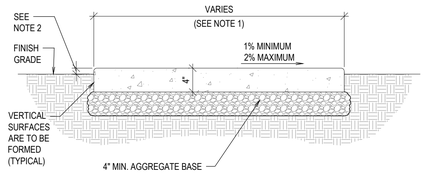
A ASPHALT PAVING - PRIVATE PARKING LOT

SCALE: N.T.S.



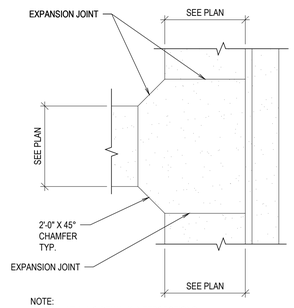
B CONCRETE PAVING

SCALE: N.T.S.



C SIDEWALK DETAIL

SCALE: N.T.S.



NOTE:
TYPICAL AT ALL SIDEWALK INTERSECTIONS

D SIDEWALK DETAIL

SCALE: N.T.S.

FOR USE WHERE WATER DRAINS TOWARD CURB

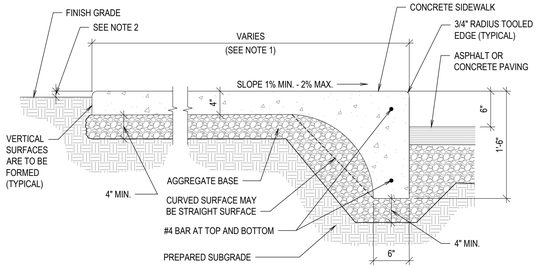
E CURB AND GUTTER - IN FLOW

SCALE: N.T.S.

FOR USE WHERE WATER DRAINS AWAY FROM CURB

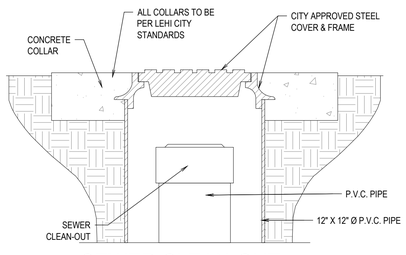
F CURB AND GUTTER - OUT FLOW

SCALE: N.T.S.



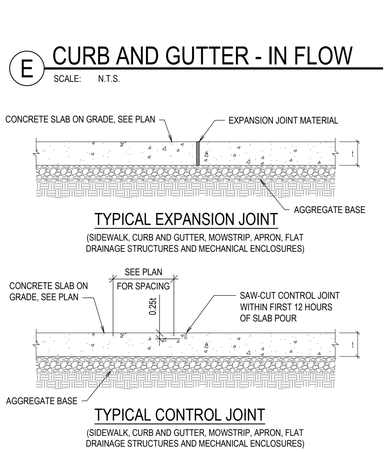
G INTEGRAL SIDEWALK AND CURB

SCALE: N.T.S.



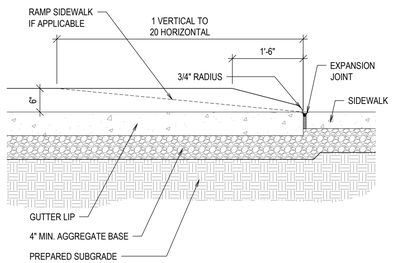
H SEWER CLEAN-OUT

SCALE: N.T.S.

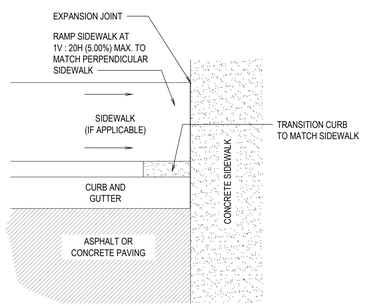


I EXPANSION AND CONTROL JOINT

SCALE: N.T.S.



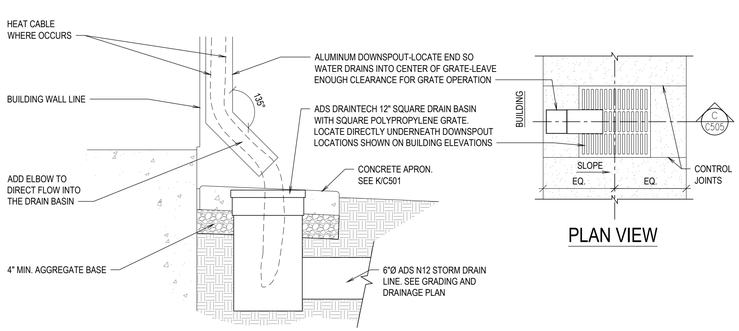
SECTION



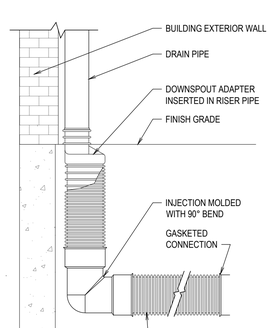
PLAN

J CURB TRANSITION

SCALE: N.T.S.



PLAN VIEW



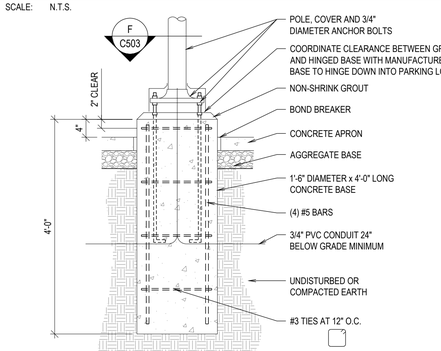
N DOWNSPOUT AND CATCH BASIN DETAIL

SCALE: N.T.S.

O ROOF DRAIN CONNECTION

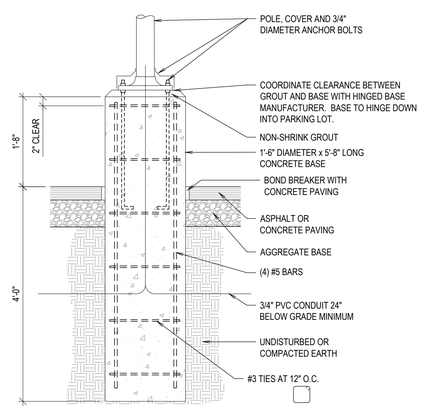
CONNECT TO
LAWN DRAIN

SCALE: N.T.S.



M SIDEWALK AREA POLE BASE

SCALE: N.T.S.



P PARKING LOT POLE BASE

SCALE: N.T.S.

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LEGACY FARMS LDS STAKE CENTER #501-4029

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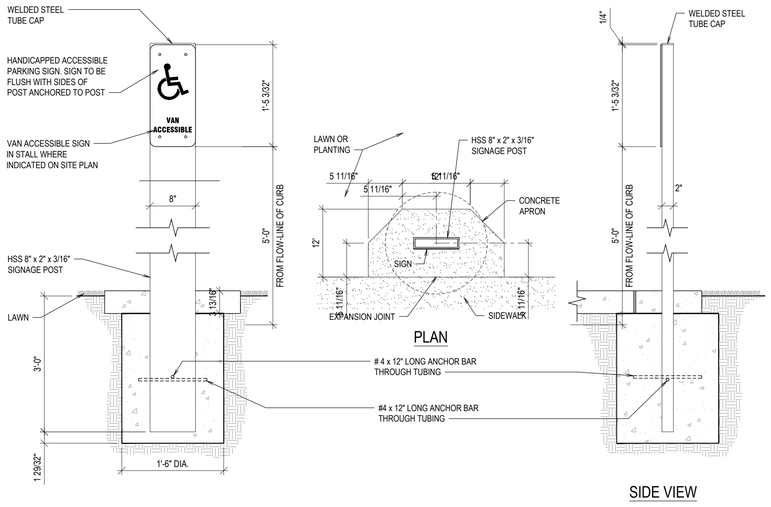
JOB NUMBER:	501-4029
OWNER:	The Church of Jesus Christ of Latter-day Saints
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REV	DATE	DESCRIPTION

CIVIL DETAILS

C5.01

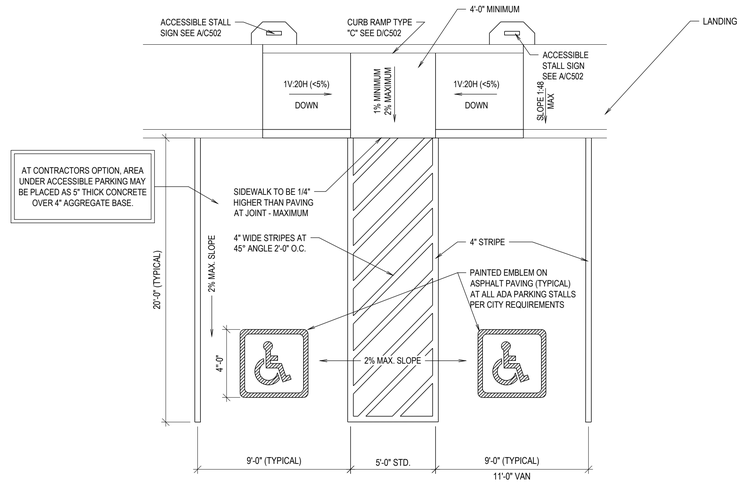
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A ACCESSIBLE STALL SIGN (TRAFFIC SIGNAGE)

STEEL PER DIVISION 05
INSTALL PER DIVISION 03

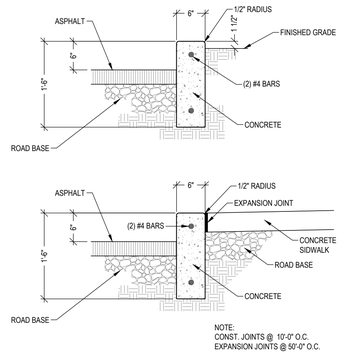
SCALE: N.T.S.



B ACCESSIBLE PARKING

STEEL PER DIVISION 05
INSTALL PER DIVISION 03

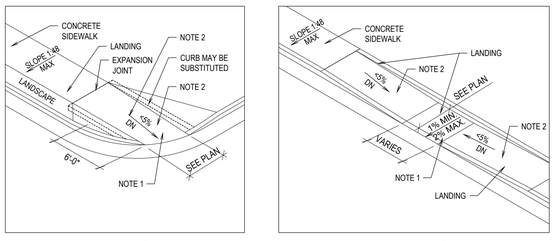
SCALE: N.T.S. (SEE ANSI A117.1)



CURB WALL DETAIL C

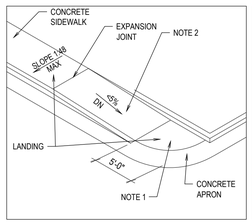
SCALE: N.T.S.

NOTES:
1. PROVIDE DETECTABLE WARNING PANELS PER ADA REQUIREMENTS AT PUBLIC RIGHT-OF-WAYS (MINIMUM OF 2' DEEP BY THE WIDTH OF RAMP).
2. UNLESS REQUIRED OTHERWISE BY THE AUTHORITY HAVING JURISDICTION, USE A LIGHT BROOM FINISH ON RAMPS AND LANDINGS TO MATCH THE FINISHES ON THE SIDEWALKS.
3. 5% (MAXIMUM) IN DIRECTION OF TRAVEL. LIMIT CROSS SLOPE ON SIDEWALKS 2%.
4. ALL LANDINGS MUST HAVE 1:48 CROSS SLOPE AND RUNNING SLOPE. LANDING MUST BE AS WIDE AS THE RAMP.
5. CROSS SLOPE ON RAMP MUST BE 1:48 OR LESS.
6. COUNTER SLOPES OF ADJOINING GUTTERS AND PAVING ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20 (5%), ALTHOUGH CODE ALLOWS A 1V/12H (8.33%) SLOPE.

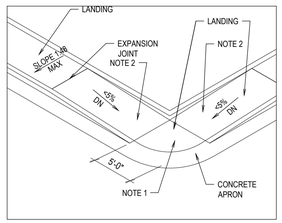


TYPE A

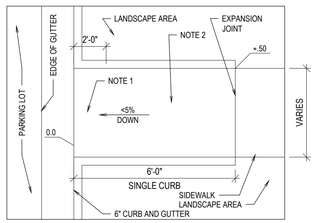
TYPE B



TYPE C



TYPE D



TYPE E

D ACCESSIBLE SLOPED WALK DETAILS

SCALE: N.T.S.

User Inputs

Chamber Model:	MC-3500
Outlet Control Structure:	Yes
Project Name:	Spanish Fork Palmyra
Engineer:	Daniel Canning
Project Location:	Utah
Measurement Type:	Imperial
Required Storage Volume:	16442 cubic ft.
Stone Porosity:	40%
Stone Foundation Depth:	9 in.
Stone Above Chambers:	12 in.
Design Constraint Dimensions:	(55 ft. x 110 ft.)

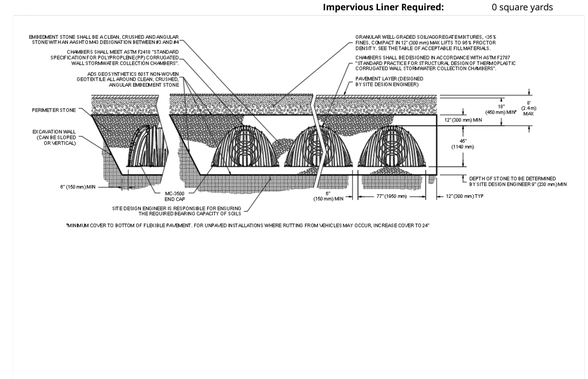
Results

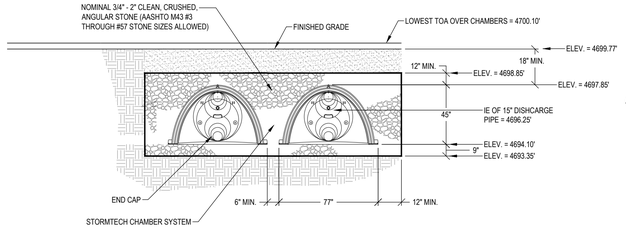
System Volume and Bed Size

Installed Storage Volume:	16881.51 cubic ft.
Storage Volume Per Chamber:	109.90 cubic ft.
Number Of Chambers Required:	88
Number Of End Caps Required:	14
Chamber Rows:	7
Maximum Length:	103.00 ft.
Maximum Width:	49.92 ft.
Approx. Bed Size Required:	4977.58 square ft.
Average Cover Over Chambers:	N/A .

System Components

Amount Of Stone Required:	649 cubic yards
Volume Of Excavation (Not Including Fill):	1014 cubic yards
Total Non-woven Geotextile Required:	1558 square yards
Woven Geotextile Required (excluding Isolator Row):	117 square yards
Woven Geotextile Required (Isolator Row):	114 square yards
Total Woven Geotextile Required:	230 square yards
Impervious Liner Required:	0 square yards





*SEE STORMTECH'S DESIGN MANUAL

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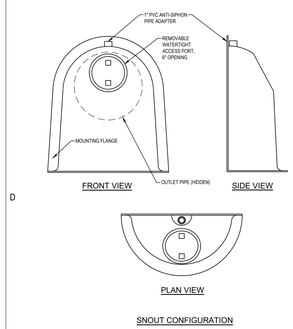
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CIVIL DETAILS

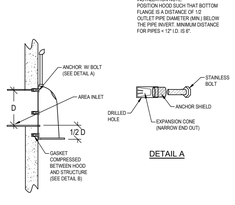
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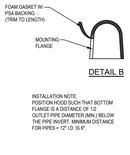


SNOUT CONFIGURATION

SPECIFICATIONS:
1. ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY:
   BEST MANAGEMENT PRODUCTS, INC.
   53 MT. ARCHER TR.
   LYME, CT 06371
   (860) 434-0277, (860) 434-3195 FAX
   TOLL FREE: (800) 504-8008 OR (888) 364-7585
   WEB SITE: www.bmpinc.com
   OR PRE-APPROVED EQUAL
2. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
3. ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT ASSEMBLY. (SEE CONFIGURATION DETAIL)
4. THE DIAMETER OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATIONS.
5. THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
6. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 24" ACCORDING TO STRUCTURE CONFIGURATION.
7. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
8. THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
9. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
   INSTALLATION KIT SHALL INCLUDE:
   A. INSTALLATION INSTRUCTIONS
   B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
   C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
   D. 3/8" STAINLESS STEEL BOLTS
   E. ANCHOR SHIELDS



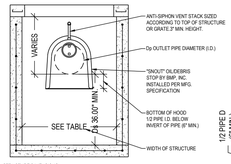
SNOUT OIL-WATER-DEBRIS SEPARATOR
SCALE: N.T.S.



DETAIL B

DETAIL A

INSTALLATION NOTE:
POSITION HOOD SUCH THAT BOTTOM FLANGE IS A DISTANCE OF 1/2 OUTLET PIPE DIAMETER (MIN.) BELOW THE PIPE INVERT. MINIMUM DISTANCE FOR PIPES < 12" I.D. IS 6".

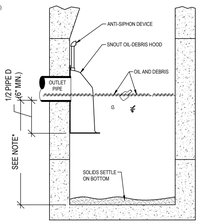


STRUCTURE DIMENSIONS:
PLAN DIMENSIONS FOR A STRUCTURE SHOULD BE UP TO 1X AREA OF OUTLET PIPE FOR MAXIMUM POLLUTANT REMOVAL EFFICIENCY AND MINIMAL CLEANOUT FREQUENCY. (SEE 'MAINTENANCE CONSIDERATIONS' DOCUMENT FOR MORE INFORMATION)

SIZING EXAMPLES:

OUTLET HOLE SIZE	SNOUT SIZE	STRUCTURE SIZE
11.9" D.O. OR LESS	12.5" dia R	R-FITS 36"-48" DIAM STRUCTURE
12.5"-17.9" D.O.	18.5" dia R	R-FITS 48"-60" DIAM STRUCTURE
18.5"-23.9" D.O.	24.5" dia R	R-FITS 48"-60" DIAM STRUCTURE
24.5"-29.9" D.O.	30.5" dia R	R-FITS 60"-72" DIAM STRUCTURE
30.5"-47.9" D.O.	48 F	
30.5"-53.9" D.O.	54R/72	
48.5"-95.9" D.O.	96 F	FITS 72" DIAM STRUCTURE ONLY

NOTE:
USE ONLY "F" SERIES SNOUTS FOR RECTANGULAR OR SQUARE STRUCTURES, AVAILABLE IN 12", 18", 24", 30", 48", AND 96" SIZES. USE ONLY "R" SERIES SNOUTS FOR ROUND STRUCTURES, AVAILABLE IN 12", 18", 24", 30", AND 54" SIZES.

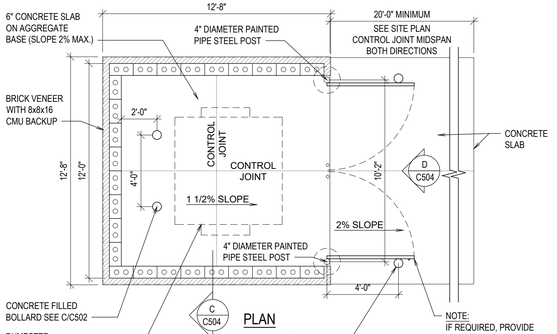


NOTE:
SUMP DEPTH OF 36" MIN. FOR < OR= 12" DIA. OUTLET.
FOR OUTLETS >OR= 15", DEPTH = 2.5 TO 3 X's DIAM.

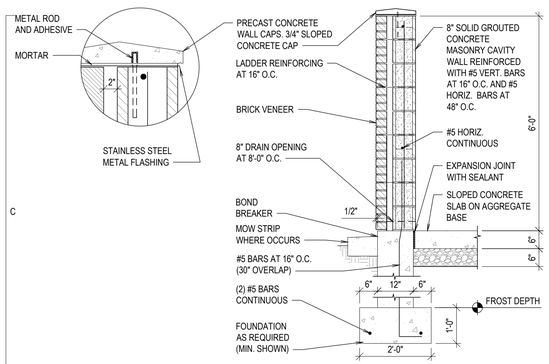
TYPICAL INSTALLATION

US Patent # 6126817

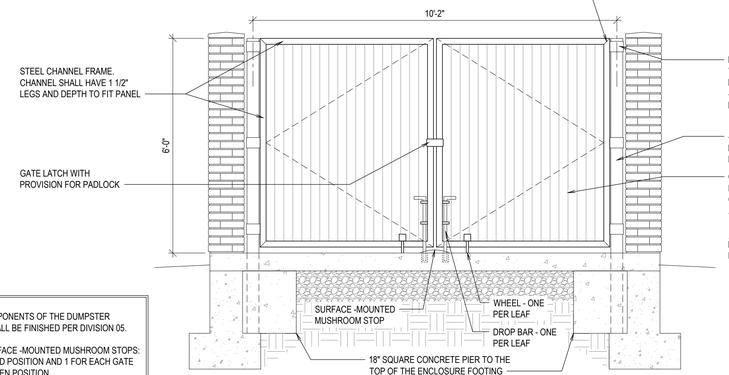
HOOD SPECIFICATION FOR CATCH BASINS AND WATER QUALITY STRUCTURES		
DESCRIPTION	DATE	SCALE
OIL- DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	09/08/00	NONE
	DRAWING NUMBER	
	SP-SN	



B MASONRY WALL DUMPSTER ENCLOSURE
SCALE: N.T.S.

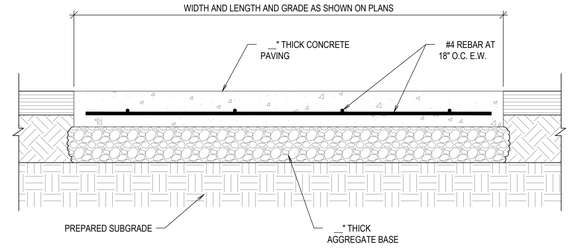


C MASONRY WALL DUMPSTER ENCLOSURE
SCALE: N.T.S.

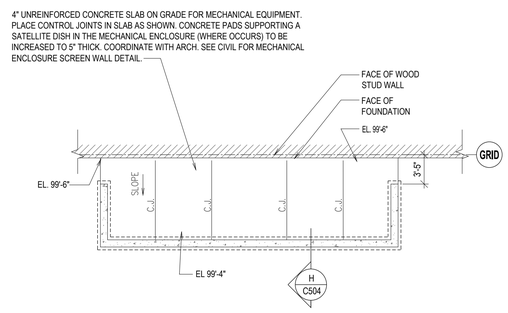


NOTES:
1. ALL STEEL COMPONENTS OF THE DUMPSTER ENCLOSURE SHALL BE FINISHED PER DIVISION 05.
2. PROVIDE 3 SURFACE -MOUNTED MUSHROOM STOPS: 1 AT THE CLOSED POSITION AND 1 FOR EACH GATE LEAF AT THE OPEN POSITION.

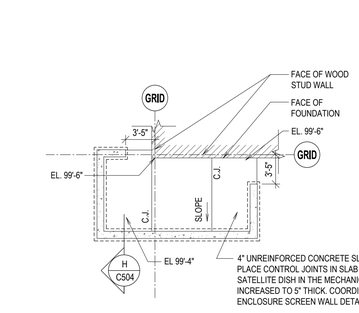
D MASONRY WALL DUMPSTER GATE
SCALE: N.T.S.



E DUMPSTER PAD SECTION
SCALE: N.T.S.

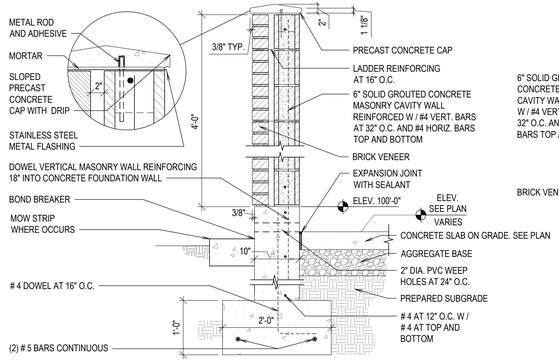


F MECHANICAL ENCLOSURE AT STRAIGHT WALL
SCALE: N.T.S.

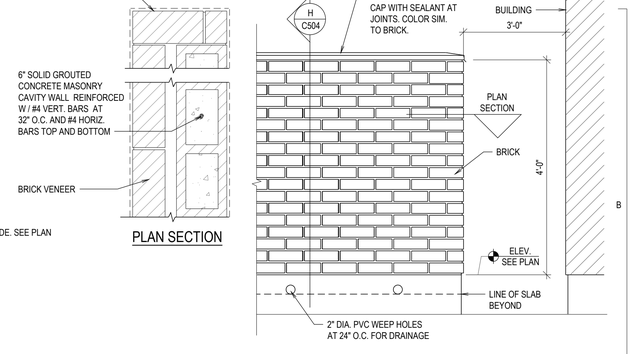


4" UNREINFORCED CONCRETE SLAB ON GRADE FOR MECHANICAL EQUIPMENT. PLACE CONTROL JOINTS IN SLAB AS SHOWN. CONCRETE PADS SUPPORTING A SATELLITE DISH IN THE MECHANICAL ENCLOSURE (WHERE OCCURS) TO BE INCREASED TO 5" THICK. COORDINATE WITH ARCH. SEE CIVIL FOR MECHANICAL ENCLOSURE SCREEN WALL DETAIL.

G MECHANICAL ENCLOSURE AT CORNER WALL
SCALE: N.T.S.



H MASONRY WALL MECHANICAL ENCLOSURE
SCALE: N.T.S. (ALTERNATE TO G/C504) - FOR RIBBED SLAB FOUNDATION TYPE



J MASONRY WALL MECH. ENCLOSURE ELEV.
SCALE: N.T.S.

L ASPHALT PAVING - PUBLIC STREET
SCALE: N.T.S.

GENERAL NOTES:
1. SEE SITE PLAN FOR WALK LOCATIONS AND WIDTH.
2. 1" PRIOR TO SEEDING OR PLANTING (2" PRIOR TO SODDING)
3. COORDINATE CLEARANCE BETWEEN GROUT AND BASE WITH HINGED BASE MANUFACTURER.

M MOW STRIP AT FENCE

N 12" AREA NYLOPLAST DRAIN BOX
SCALE: N.T.S. NOTE - (DIAMETER OF BASIN DETERMINED BY NUMBER OF PIPES IN AND OUT)

O SIDEWALK AREA POLE BASE
SCALE: N.T.S.

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02-27-26
No. 11698925-2202
DANIEL J. CANNING
PROFESSIONAL ENGINEER
STATE OF UTAH

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Economic and Sustainable Designs, Professionals You Know and Trust
9440 South Sandy Parkway, Suite 200 Sandy, Utah 84070 801.233.7700 mcneilengineering.com
Civil Engineering • Consulting & Landscape Architecture
Structural Engineering • Land Surveying & HDS

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

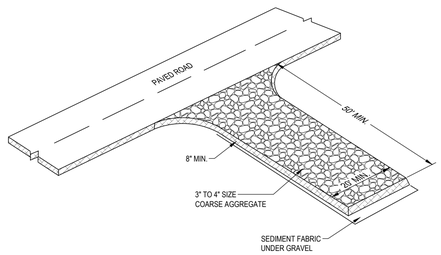
JOB NUMBER:	501-4029
OWNER:	The Church of Jesus Christ of Latter-day Saints
DATE:	03.03.26

REV	DATE	DESCRIPTION

CIVIL DETAILS

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DESCRIPTION:
A STABILIZED PAD OF CRUSHED STONE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE FROM OR TO PAVED SURFACE.

APPLICATIONS:
AT ANY POINT OF INGRESS OR EGRESS AT A CONSTRUCTION SITE WHERE ADJACENT TRAVELED WAY IS PAVED. GENERALLY APPLIES TO SITES OVER 2 ACRES UNLESS SPECIAL CONDITIONS EXIST.

INSTALLATION/APPLICATION CRITERIA:
- CLEAR GRUB AREA AND GRAD TO PROVIDE MAXIMUM SLOPE OF 2%.
- COMPACT SUB GRADE AND PLACE FILTER FABRIC IF DESIRED (RECOMMENDED FOR ENTRANCES TO REMAIN FOR MORE THAN 3 MONTHS.
- PLACE COARSE AGGREGATE, 1 TO 2-1/2 INCHES IN SIZE, TO A MINIMUM DEPTH OF 8 INCHES.

LIMITATIONS:
- REQUIRES PERIODIC TOP DRESSING WITH ADDITIONAL STONES.
- SHOULD BE USED IN CONJUNCTION WITH STREET SWEEPING ON ADJACENT PUBLIC RIGHT-OF-WAY.

MAINTENANCE:
- INSPECT DAILY FOR LOSS OF GRAVEL OR SEDIMENT BUILDUP.
- INSPECT ADJACENT ROADWAY FOR SEDIMENT DEPOSIT AND CLEAN BY SWEEPING OR SHOVELING.
- REPAIR ENTRANCE AND REPLACE GRAVEL AS REQUIRED TO MAINTAIN CONTROL IN GOOD WORKING CONDITION.
- EXPAND STABILIZED AREA AS REQUIRED TO ACCOMMODATE TRAFFIC AND PREVENT EROSION AT DRIVEWAYS.

OBJECTIVES
- ※ HOUSEKEEPING PRACTICES
- □ CONTAIN WASTE
- □ MINIMIZE DISTURBED AREA
- □ STABILIZE DISTURBED AREA
- □ PROTECT SLOPES/CHANNELS
- ※ CONTROL SITE PERIMETER
- □ CONTROL INTERNAL EROSION

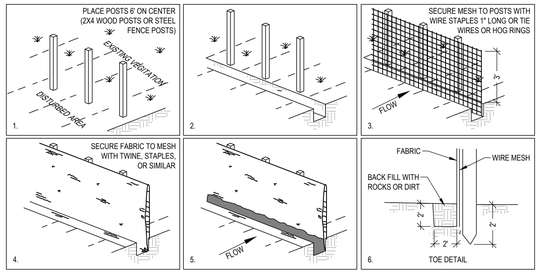
TARGETED POLLUTANTS
- ■ SEDIMENT
- □ NUTRIENTS
- □ TOXIC MATERIALS
- □ OIL & GREASE
- □ FLOATABLE MATERIALS
- □ OTHER WASTE

- ■ HIGH IMPACT
- ※ MEDIUM IMPACT
- □ LOW OR UNKNOWN IMPACT

IMPLEMENTATION REQUIREMENTS
- ■ CAPITAL COSTS
- ※ O & M COSTS
- ※ MAINTENANCE
- □ TRAINING

■ HIGH ※ MEDIUM □ LOW

STABILIZED CONSTRUCTION ENTRANCE C1
SCALE: N.T.S.



DESCRIPTION:
A TEMPORARY SEDIMENT BARRIER CONSISTING OF ENTRENCHED FILTER FABRIC STRETCHED ACROSS AND SECURED TO SUPPORTING POSTS.

APPLICATIONS:
- PERIMETER CONTROL: PLACER BARRIER AT DOWNGRADE LIMITS OF DISTURBANCE.
- SEDIMENT BARRIER: PLACE BARRIER AT TOE OF SLOPE OR SOIL STOCKPILE.
- PROTECTION OF EXISTING WATERWAYS: PLACE BARRIER AT TOP OF STREAM BANK
- INLET PROTECTION: PLACE FENCE SURROUNDING CATCH BASINS

INSTALLATION/APPLICATION CRITERIA:
- PLACE POSTS 6 FEET APART ON CENTER ALONG CONTOUR (OR USE PRE-ASSEMBLED UNIT) AND DRIVE 2 FEET MINIMUM INTO GROUND. EXCAVATE AN ANCHOR TRENCH IMMEDIATELY UPGRADIENT OF POSTS
- SECURE WIRE MESH (14 GAGE MIN. WITH 6 INCH OPENINGS) TO UPSLOPE SIDE OF POSTS. ATTACH WITH HEAVY DUTY 1 INCH LONG WIRE STAPLES, TIE WIRES OR HOG RINGS.
- CUT FABRIC TO REQUIRED WIDTH, UNROLL ALONG LENGTH OF BARRIER AND DRAPE OVER BARRIER. SECURE FABRIC TO MESH WITH TWINE, STAPLES, OR SIMILAR, WITH TRAILING EDGE EXTENDING INTO ANCHOR TRENCH.
- BACKFILL OVER FILTER FABRIC TO ANCHOR.

LIMITATIONS:
- RECOMMENDED MAXIMUM DRAINAGE AREA OF 0.5 ACRE PER 100 FEET OF FENCE.
- RECOMMENDED MAXIMUM UPGRADIENT SLOPE LENGTH OF 150 FEET.
- RECOMMENDED MAXIMUM UPHILL GRADE OF 2:1 (50%).
- RECOMMENDED MAXIMUM FLOW RATE OF 0.5 CFS.
- PONDING SHOULD NOT BE ALLOWED BEHIND FENCE.

MAINTENANCE:
- INSPECT IMMEDIATELY AFTER ANY RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
- LOOK FOR RUNOFF BYPASSING ENDS OF BARRIERS OR UNDERCUTTING BARRIERS.
- REPAIR OR REPLACE DAMAGED AREAS OF THE BARRIER AND REMOVE ACCUMULATED SEDIMENT.
- REANCHOR FENCE AS NECESSARY TO PREVENT SHORTCUTTING.
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.

SILT FENCE C3
SCALE: N.T.S.

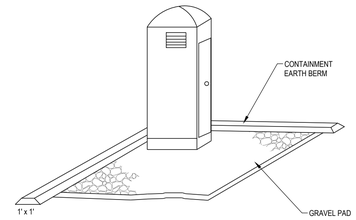
OBJECTIVES
- □ HOUSEKEEPING PRACTICES
- □ CONTAIN WASTE
- □ MINIMIZE DISTURBED AREA
- □ STABILIZE DISTURBED AREA
- □ PROTECT SLOPES/CHANNELS
- ※ CONTROL SITE PERIMETER
- ※ CONTROL INTERNAL EROSION

TARGETED POLLUTANTS
- ■ SEDIMENT
- □ NUTRIENTS
- □ TOXIC MATERIALS
- □ OIL & GREASE
- □ FLOATABLE MATERIALS
- □ OTHER WASTE

- ■ HIGH IMPACT
- ※ MEDIUM IMPACT
- □ LOW OR UNKNOWN IMPACT

IMPLEMENTATION REQUIREMENTS
- ※ CAPITAL COSTS
- ※ O & M COSTS
- ※ MAINTENANCE
- □ TRAINING

■ HIGH ※ MEDIUM □ LOW



DESCRIPTION:
TEMPORARY ON-SITE SANITARY FACILITIES FOR CONSTRUCTION PERSONNEL.

APPLICATIONS:
- ALL SITES WITH NO PERMANENT SANITARY FACILITIES OR WHERE PERMANENT FACILITY IS TO FAR FROM ACTIVITIES.

INSTALLATION/APPLICATION CRITERIA:
- LOCATE PORTABLE TOILETS IN CONVENIENT LOCATIONS THROUGHOUT THE SITE.
- PREPARE LEVEL, GRAVEL SURFACE AND PROVIDE CLEAR ACCESS TO THE TOILETS FOR SERVICING AND FOR ON-SITE PERSONNEL.
- CONSTRUCT EARTH BERM PERIMETER (SEE EARTH BERM BARRIER INFORMATION SHEET), CONTROL FOR SPILL/PROTECTION LEAK.

LIMITATIONS:
- NO LIMITATIONS

MAINTENANCE:
- PORTABLE TOILETS SHOULD BE MAINTAINED IN GOOD WORKING ORDER BY LICENSED SERVICE WITH DAILY OBSERVATION FOR LEAK DETECTION.
- REGULAR WASTE COLLECTION SHOULD BE ARRANGED WITH LICENSED SERVICE.
- ALL WASTE SHOULD BE DEPOSITED IN SANITARY SEWER SYSTEM FOR TREATMENT WITH APPROPRIATE AGENCY APPROVAL.

PORTABLE TOILETS C5
SCALE: N.T.S.

OBJECTIVES
- □ HOUSEKEEPING PRACTICES
- ※ CONTAIN WASTE
- □ MINIMIZE DISTURBED AREA
- □ STABILIZE DISTURBED AREA
- □ PROTECT SLOPES/CHANNELS
- □ CONTROL SITE PERIMETER
- □ CONTROL INTERNAL EROSION

TARGETED POLLUTANTS
- □ SEDIMENT
- □ NUTRIENTS
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- □ OIL & GREASE
- □ FLOATABLE MATERIALS
- ■ OTHER WASTE

- ■ HIGH IMPACT
- ※ MEDIUM IMPACT
- □ LOW OR UNKNOWN IMPACT

IMPLEMENTATION REQUIREMENTS
- ※ CAPITAL COSTS
- ※ O & M COSTS
- ※ MAINTENANCE
- □ TRAINING

■ HIGH ※ MEDIUM □ LOW

FILTERSOCK SPECIFICATION:

FILTREXX FILTERSOCK INSTALLATION AND MAINTENANCE

1.0 DESCRIPTION:
THIS WORK SHALL CONSIST OF FURNISHING, INSTALLING, MAINTAINING AND DISPERSING (IF NEEDED) A WATER PERMEABLE COMPOST FILTER SOCK (FILTREXX FILTERSOCK) TO CONTAIN SOIL EROSION AND SEDIMENT BY REMOVING SOIL PARTICLES FROM WATER MOVING OFF SITE INTO ADJACENT WATERWAYS OR STORM WATER DRAINAGE SYSTEMS. FILTERSOCKS WILL BE USED AS A FORM OF INLET PROTECTION FOR OPERATIONAL STORM DRAINAGE SYSTEMS.

2.0 COMPOST PRODUCTS USED TO FILL FILTREXX FILTERSOCKS
1. COMPOST: COMPOST USED FOR FILTREXX FILTERSOCKS SHALL BE WEED FREE AND DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THE COMPOST SHALL BE PRODUCED USING AN AEROBIC COMPOSTING PROCESS MEETING CFR 503 REGULATIONS, INCLUDING TIME AND TEMPERATURE DATA INDICATING EFFECTIVE WEED SEED, PATHOGEN AND INSECT LARVAE KILL. THE COMPOST SHALL BE FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH. NON-COMPOSTED PRODUCTS WILL NOT BE ACCEPTED. TEST METHODS FOR THE ITEMS BELOW SHOULD FOLLOW USCC TMECC GUIDELINES FOR LABORATORY PROCEDURES:
   A. PH - 5.0-8.0 IN ACCORDANCE WITH TMECC 04.11-A, "ELECTROMETRIC PH DETERMINATIONS FOR COMPOST"
   B. PARTICLE SIZE - 99% PASSING A 1" SIEVE, 90% PASSING A _" SIEVE AND A MINIMUM OF 70% GREATER THAN THE 3/8" SIEVE. A TOTAL OF 98 % SHALL NOT EXCEED 3 INCHES IN LENGTH, IN ACCORDANCE WITH TMECC 02.02-B, "SAMPLE SIEVING FOR AGGREGATE SIZE CLASSIFICATION"
   C. MOISTURE CONTENT OF LESS THAN 60% IN ACCORDANCE WITH STANDARDIZED TEST METHODS FOR MOISTURE DETERMINATION.
   D. MATERIAL SHALL BE RELATIVELY FREE (<1% BY DRY WEIGHT) OF INERT OR FOREIGN MAN MADE MATERIALS. E. A SAMPLE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO BEING USED AND MUST COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

3.0 CONSTRUCTION AND INSTALLATION OF FILTREXX FILTERSOCKS:
1. FILTREXX FILTERSOCKS WILL BE USED AS A FORM OF INLET PROTECTION ON CONSTRUCTION SITES WHICH REQUIRE PROTECTION AGAINST SEDIMENT LADEN WATER AFTER STORM DRAINS BECOME OPERATIONAL.
2. FILTREXX FILTERSOCKS WILL BE PLACED AT LOCATIONS INDICATED ON PLANS AS DIRECTED BY THE ENGINEER. FILTERSOCKS SHOULD BE INSTALLED IN A PATTERN THAT ALLOWS COMPLETE PROTECTION OF THE INLET AREA
3. INSTALLATION OF FILTREXX FILTERSOCKS WILL ENSURE A MINIMAL OVERLAP OF AT LEAST ONE FOOT ON EITHER SIDE OF THE OPENING BEING PROTECTED. THE FILTERSOCKS WILL BE ANCHORED TO THE SOIL BEHIND THE CURB USING STAPLES, STAKES OR OTHER DEVICES CAPABLE OF HOLDING THE FILTERSOCK IN PLACE.
4. STANDARD SIZES OF FILTERSOCKS FOR INLET PROTECTION WILL BE 8" DIAMETER PRODUCTS. IN SEVERE FLOW SITUATIONS, LARGER FILTERSOCKS MAY BE RECOMMENDED BY THE ENGINEER.
5. FILTERSOCKS SHALL BE CONSTRUCTED OF A WOVEN MATERIAL AND FILLED WITH A COMPOST PRODUCT THAT PASSES THE CRITERIA LISTED IN SECTION 2.
6. IF THE FILTERSOCKS BECOME CLOGGED WITH DEBRIS AND SEDIMENT, THEY SHALL BE MAINTAINED SO AS TO ASSURE A PROPER DRAINAGE AND WATER FLOW INTO THE STORM DRAIN. IN SEVERE STORM EVENTS, OVERFLOW OF THE FILTERSOCK MAY BE ACCEPTABLE IN ORDER TO KEEP THE AREA FROM FLOODING.
7. THE FILTERSOCKS SHALL BE POSITIONED SO AS TO PROVIDE COMPLETE PHYSICAL BARRIER TO THE DRAIN ITSELF, ALLOWING SEDIMENT TO COLLECT ON THE OUTSIDE OF THE FILTERSOCKS. SEE ATTACHED SCHEMATIC FOR FILTREXX FILTERSOCK INSTALLATION.
8. FOR AREAS WHERE FILTERSOCKS ARE TO BE LEFT AS A PERMANENT PART OF THE LANDSCAPE, FILTERSOCKS MAY BE SEEDED DURING TIME OF MANUFACTURE TO CREATE A LIVING SOCK. FOR SEEDING OPTIONS, THE ENGINEER MAY SIMPLY REPLACE ALL LANGUAGE ABOVE WITH "LIVING FILTREXX FILTERSOCKS"

4.0 MAINTENANCE:
1. THE CONTRACTOR SHALL MAINTAIN FILTREXX FILTERSOCKS IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
2. WHERE THE FILTERSOCK REQUIRES REPAIR, IT WILL BE ROUTINELY REPAIRED.
3. THE CONTRACTOR SHALL REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE FILTERSOCK WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE FILTERSOCK, OR AS DIRECTED BY THE ENGINEER.
4. THE FILTREXX FILTERSOCK WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED, AS DETERMINED BY THE ENGINEER. THE NETTING MATERIAL WILL BE DISPOSED OF IN NORMAL TRASH CONTAINERS OR REMOVED BY THE CONTRACTOR.
5. REGULAR MAINTENANCE INCLUDES LIFTING THE FILTREXX FILTERSOCKS AND CLEANING UNDER THEM AS SEDIMENT COLLECTS.

5.0 METHOD OF MEASUREMENT:
BID ITEMS SHALL SHOW MEASUREMENT AS `FILTREXX FILTERSOCK' PER LINEAR FOOT, INSTALLED OR PER INLET, AS SPECIFIED BY THE ENGINEER.

6.0 PERFORMANCE:
1. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING A WORKING EROSION CONTROL SYSTEM AND MAY, WITH APPROVAL OF THE ENGINEER, WORK OUTSIDE THE MINIMUM CONSTRUCTION REQUIREMENTS AS NEEDED.
2. WHERE THE FILTERSOCK DETERIORATES OR FAILS, IT WILL BE REPAIRED OR REPLACED WITH A MORE EFFECTIVE ALTERNATIVE.
3. CONTRACTOR IS REQUIRED TO BE A CERTIFIED FILTREXX INSTALLER AS DETERMINED BY FILTREXX INTERNATIONAL, LLC (440-926-8041 OR VISIT WEBSITE AT FILTREXX.COM). CERTIFICATION SHALL BE CONSIDERED CURRENT IF APPROPRIATE IDENTIFICATION IS SHOWN DURING TIME OF BID OR AT TIME OF APPLICATION.

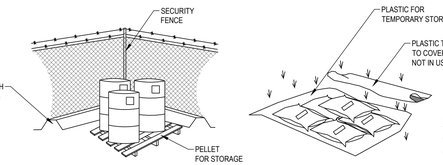
7.0 APPLICATION GUIDELINES:
1. FILTREXX FILTERSOCKS SHALL EITHER BE MADE ON SITE OR DELIVERED TO THE JOBSITE USING A 3 MIL TUBULAR HDPE KNITTED MESH NETTING MATERIAL, FILLED WITH COMPOST PASSING THE ABOVE SPECIFICATIONS FOR COMPOST PRODUCTS AS OUTLINED IN 2.0.
2. FILTREXX FILTERSOCKS NETTING MATERIALS ARE AVAILABLE ONLY FROM FILTREXX INTERNATIONAL, LLC AND ARE THE ONLY CERTIFIED MESH MATERIALS ACCEPTED IN CREATING FILTREXX PRODUCTS ON SITE OR AS DELIVERED TO THE JOB SITE. STANDARD FILTREXX COLOR CODING SYSTEMS INCLUDE YELLOW AND BLACK STRIPED MESH NETTING WITH 3/8" MESH OPENINGS FOR INLET PROTECTION. OTHER COLORS ARE ONLY ACCEPTABLE AS APPROVED BY BOTH THE ENGINEER AND FILTREXX INTERNATIONAL, LLC.
3. CONTRACTOR IS REQUIRED TO BE A CERTIFIED FILTREXX INSTALLER AS DETERMINED BY FILTREXX INTERNATIONAL, LLC (440-926-8041 OR VISIT WEBSITE AT FILTREXX.COM). CERTIFICATION SHALL BE CONSIDERED CURRENT IF APPROPRIATE IDENTIFICATION IS SHOWN DURING TIME OF BID OR AT TIME OF APPLICATION.

8.0 AVAILABLE VENDORS FILTREXX FILTERSOCKS MAY BE PURCHASED FROM THE FOLLOWING CERTIFIED FILTREXX INSTALLERS:

WINDSWEPT ORGANIX INC.
WORK: 480-963-4638
FAX: 408-940-4261
850 SOUTH BOGLE AVE. SUITE 2
CHANDLER, AZ 85225



SEDIMENT BARRIER / FILTER SOCK PROTECTION A1
SCALE: N.T.S.
© REPLENISH



- CONTROLLED STORAGE LOCATION
- BERMED PERIMETER IMPOUNDMENT
- STORAGE OFF GROUND
- COVER WHEN NOT IN USE

DESCRIPTION:
CONTROLLED STORAGE OF ON-SITE MATERIALS.

APPLICATIONS:
- STORAGE OF HAZARDOUS, TOXIC, AND ALL CHEMICAL SUBSTANCES.
- ANY CONSTRUCTION SITE WITH OUTSIDE STORAGE OF MATERIALS.

INSTALLATION/APPLICATION CRITERIA:
- DESIGNATE A SECURED AREA WITH LIMITED ACCESS AS THE STORAGE LOCATION. ENSURE NO WATERWAYS OR DRAINAGE PATHS ARE NEARBY.
- CONSTRUCT COMPACTED EARTHEN BERM (SEE EARTH BERM BARRIER INFORMATION SHEET), OR SIMILAR PERIMETER CONTAINMENT AROUND STORAGE LOCATION FOR IMPOUNDMENT IN THE CASE OF SPILLS.
- ENSURE ALL ON-SITE PERSONNEL UTILIZE DESIGNATED STORAGE AREA. DO NOT STORE EXCESSIVE AMOUNTS OF MATERIAL THAT WILL NOT BE UTILIZED ON SITE.
- FOR ACTIVE USE OF MATERIAL AWAY FROM THE STORAGE AREA ENSURE MATERIALS ARE NOT SET DIRECTLY ON THE GROUND AND ARE COVERED WHEN NOT IN USE. PROTECT STORM DRAINAGE DURING USE.

LIMITATIONS:
- DOES NOT PREVENT CONTAMINATION DUE TO MISHANDLING OF PRODUCTS.
- SPILL PREVENTION AND RESPONSE PLAN STILL REQUIRED.
- ONLY EFFECTIVE IF MATERIALS ARE ACTIVELY STORED IN CONTROLLED LOCATION.

MAINTENANCE:
- INSPECT DAILY AND REPAIR ANY DAMAGE TO PERIMETER IMPOUNDMENT OR SECURITY FENCING.
- CHECK MATERIALS ARE BEING CORRECTLY STORED (I.E. STANDING UPRIGHT, IN LABELED CONTAINERS, TIGHTLY CAPPED) AND THAT NO MATERIALS ARE BEING STORED AWAY FROM THE DESIGNATED LOCATION.

MATERIALS STORAGE A3
SCALE: N.T.S.

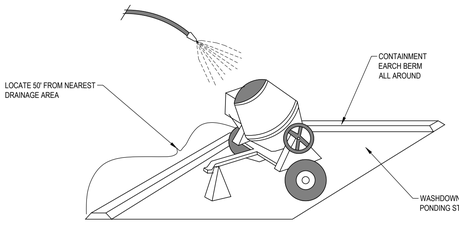
OBJECTIVES
- ※ HOUSEKEEPING PRACTICES
- ※ CONTAIN WASTE
- □ MINIMIZE DISTURBED AREA
- □ STABILIZE DISTURBED AREA
- □ PROTECT SLOPES/CHANNELS
- □ CONTROL SITE PERIMETER
- □ CONTROL INTERNAL EROSION

TARGETED POLLUTANTS
- □ SEDIMENT
- □ NUTRIENTS
- ■ TOXIC MATERIALS
- □ OIL & GREASE
- □ FLOATABLE MATERIALS
- ※ OTHER WASTE

- ■ HIGH IMPACT
- ※ MEDIUM IMPACT
- □ LOW OR UNKNOWN IMPACT

IMPLEMENTATION REQUIREMENTS
- ※ CAPITAL COSTS
- ※ O & M COSTS
- ※ MAINTENANCE
- ■ TRAINING

■ HIGH ※ MEDIUM □ LOW



DESCRIPTION:
PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM CONCRETE WASTE BY CONDUCTING WASHOUT OFF-SITE. PERFORMING ON-SITE WASHOUT IN A DESIGNATED AREA, AND TRAINING EMPLOYEES AND SUBCONTRACTORS.

APPLICATIONS:
- THIS TECHNIQUE IS APPLICABLE TO ALL TYPES OF SITES.

INSTALLATION/APPLICATION CRITERIA:
- STORE DRY AND WET MATERIALS UNDER COVER, AWAY FROM DRAINAGE AREAS.
- AVOID MIXING EXCESS AMOUNTS OF FRESH CONCRETE OR CEMENT ON-SITE.
- PERFORM WASHOUT OF CONCRETE TRUCKS OFF-SITE OR IN DESIGNATED AREAS ONLY.
- DO NOT WASH OUT CONCRETE TRUCKS INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
- DO NOT ALLOW EXCESS CONCRETE TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED AREAS.
- WHEN WASHING CONCRETE TO REMOVE FINE PARTICLES AND EXPOSE THE AGGREGATE, AVOID CREATING RUNOFF BY DRAINING THE WATER WITHIN A BERMED OR LEVEL AREA (SEE EARTH BERM BARRIER INFORMATION SHEET.)
- TRAIN EMPLOYEES AND SUBCONTRACTORS IN PROPER CONCRETE WASTE MANAGEMENT.

LIMITATIONS:
- OFF-SITE WASHOUT OF CONCRETE WASTES MAY NOT ALWAYS BE POSSIBLE.

MAINTENANCE:
- INSPECT SUBCONTRACTORS T ENSURE THAT CONCRETE WASTES ARE BEING PROPERLY MANAGED.
- IF USING A TEMPORARY PIT, DISPOSE HARDENED CONCRETE ON A REGULAR BASIS.

CONCRETE WASTE MANAGEMENT A5
SCALE: N.T.S.

OBJECTIVES
- □ HOUSEKEEPING PRACTICES
- ※ CONTAIN WASTE
- □ MINIMIZE DISTURBED AREA
- □ STABILIZE DISTURBED AREA
- □ PROTECT SLOPES/CHANNELS
- □ CONTROL SITE PERIMETER
- □ CONTROL INTERNAL EROSION

TARGETED POLLUTANTS
- □ SEDIMENT
- □ NUTRIENTS
- □ TOXIC MATERIALS
- □ OIL & GREASE
- □ FLOATABLE MATERIALS
- ※ OTHER WASTE

- ■ HIGH IMPACT
- ※ MEDIUM IMPACT
- □ LOW OR UNKNOWN IMPACT

IMPLEMENTATION REQUIREMENTS
- □ CAPITAL COSTS
- □ O & M COSTS
- ※ MAINTENANCE
- ※ TRAINING

■ HIGH ※ MEDIUM □ LOW

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PROFESSIONAL ENGINEER
02-27-26
No. 14985925-2202
DANIEL J. CANNING
STATE OF UTAH

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Structural Engineering • Land Surveying & HDS

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

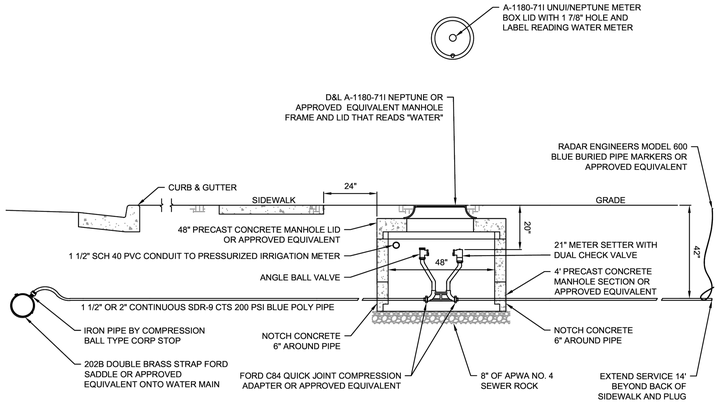
JOB NUMBER: 501-4029
OWNER: The Church of Jesus Christ of Latter-day Saints
DATE: 03.03.26

REV	DATE	DESCRIPTION

CIVIL DETAILS

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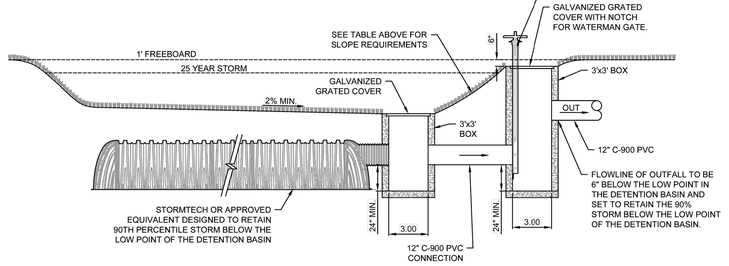
NOTES:
1. BURY CONDUIT 18" BELOW GRADE.
2. CONTRACTOR SHALL INSTALL 1 1/2" AND 2" METERS (METER TO BE PROVIDED BY SPANISH FORK CITY).
3. TYPE OF METER TO BE USED SHALL BE DETERMINED BY THE CITY.

SPANISH FORK CITY — 40 SOUTH MAIN STREET, SPANISH FORK, UT 84660, (801) 804-4550

STANDARD DRAWING — 2" WATER SERVICE

DRAWN: JLR | DESIGN: MHC | REVISION: | DATE: 2/20/2020 | SCALE: NONE | STANDARD: W-216

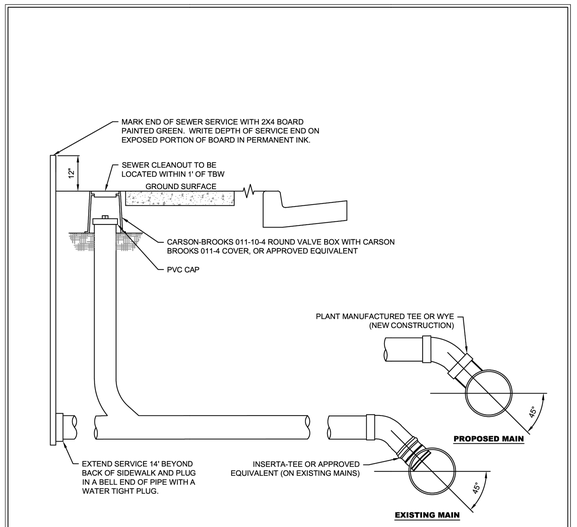
DEPTH	SLOPE
18"	2:1
3'	3:1
ABOVE 3'	4:1



SPANISH FORK CITY — 40 SOUTH MAIN STREET, SPANISH FORK, UT 84660, (801) 804-4550

STANDARD DRAWING — LOW IMPACT DEVELOPMENT (LID) DETENTION BASIN OVERFLOW

DRAWN: JLR | DESIGN: MHC | REVISION: | DATE: 4/29/2020 | SCALE: NONE | STANDARD: SD-411

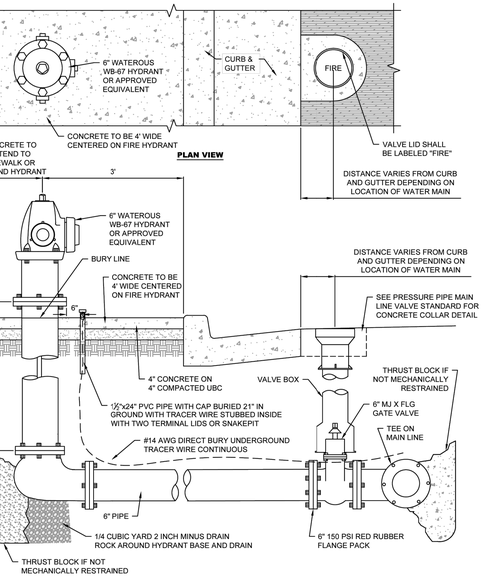


NOTES:
1. THE MINIMUM SLOPE IS 2% FOR A 4" LATERAL AND 1% FOR A 6" LATERAL.
2. SEWER LATERALS SHALL HAVE A MINIMUM OF 42" OF COVER FROM FINISH GRADE AT PROPERTY LINE AND 36" AT PLUG.
3. INSERTA-TEE MAY ONLY BE USED WHEN APPROVED BY CITY ENGINEER.

SPANISH FORK CITY — 40 SOUTH MAIN STREET, SPANISH FORK, UT 84660, (801) 804-4550

STANDARD DRAWING — SEWER SERVICE

DRAWN: JLR | DESIGN: MHC | REVISION: | DATE: 10/6/2020 | SCALE: NONE | STANDARD: SS-305

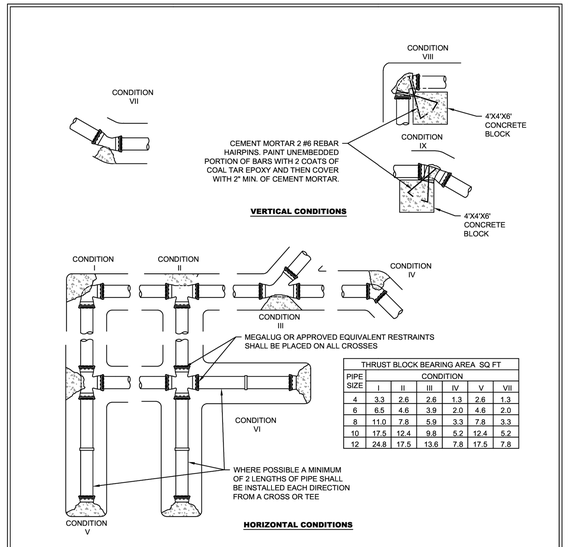


NOTES:
1. FIRE HYDRANTS SHALL BE PAINTED RED. IN GOOD COSMETIC CONDITION AND FREE OF CONCRETE DEBRIS.
2. ALL BOLTS SHALL BE FREE FROM CONCRETE AND FULLY ACCESSIBLE.
3. IF THERE IS NOT A PLANTER STRIP, THE CENTER OF THE HYDRANT SHALL BE LOCATED 24" BEHIND THE SIDEWALK WITH A 4' BY 4' CONCRETE PAD CENTERED ON THE HYDRANT.
4. THERE SHALL BE NO OBSTACLES INCLUDING BUT NOT LIMITED TO POLES, UTILITY BOXES, TREES, FENCES, OR WALLS WITHIN 3' OF HYDRANT.
5. RISERS MAY ONLY BE USED WHEN AUTHORIZED BY THE CITY ENGINEER OR HIS/HER DESIGNEE.

SPANISH FORK CITY — 40 SOUTH MAIN STREET, SPANISH FORK, UT 84660, (801) 804-4550

STANDARD DRAWING — FIRE HYDRANT

DRAWN: JLR | DESIGN: MHC | REVISION: | DATE: 7/01/2024 | SCALE: NONE | STANDARD: W-210



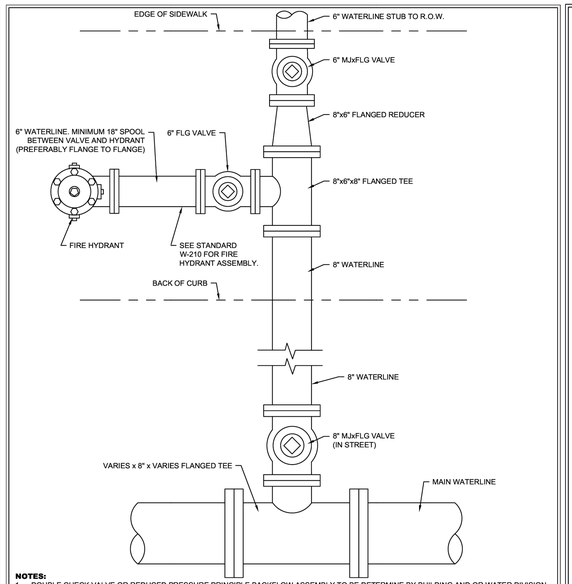
THRUST BLOCK BEARING AREA SQ FT							
PIPE SIZE	CONDITION						
	I	II	III	IV	V	VII	
4	3.3	2.6	2.6	1.3	2.6	1.3	
6	6.5	4.6	3.9	2.0	4.6	2.0	
8	11.0	7.8	5.9	3.3	7.8	3.3	
10	17.5	12.4	9.8	5.2	12.4	5.2	
12	24.8	17.5	13.6	7.8	17.5	7.8	

NOTES:
1. MECHANICAL RESTRAINING DEVICES INSTALLED ACCORDING TO THE STANDARD DRAWINGS MAY BE USED IN PLACEOF CONCRETE THRUST BLOCKS. USE MECHANICAL RESTRAINING IN UNSTABLE SOILS.
2. ALL CONCRETE THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED BACKFILL.
3. A MINIMUM APWA CLASS 2000 PORTLAND CEMENT CONCRETE SHALL BE USED ON ALL HORIZONTAL THRUST BLOCKS AND APWA CLASS 4000 ON VERTICAL.
4. THRUST BLOCKS SHALL NOT INTERFERE WITH ACCESS TO JOINTS AND BOLTS.
5. FITTINGS SHALL BE ENCASED IN AN 8 MIL VINYL WRAP PLASTIC COVER.
6. ALL FITTING JOINTS SHALL BE MECHANICAL.
7. HORIZONTAL THRUST BLOCKS FOR PIPE WITH LARGER THAN 12" I.D. SHALL HAVE A DESIGN SUBMITTED THAT IS STAMPED BY A LICENSED PROFESSIONAL ENGINEER.

SPANISH FORK CITY — 40 SOUTH MAIN STREET, SPANISH FORK, UT 84660, (801) 804-4550

STANDARD DRAWING — CONCRETE THRUST BLOCKS FOR PRESSURE PIPE

DRAWN: JLR | DESIGN: MHC | REVISION: | DATE: 8/19/2019 | SCALE: NONE | STANDARD: W-201

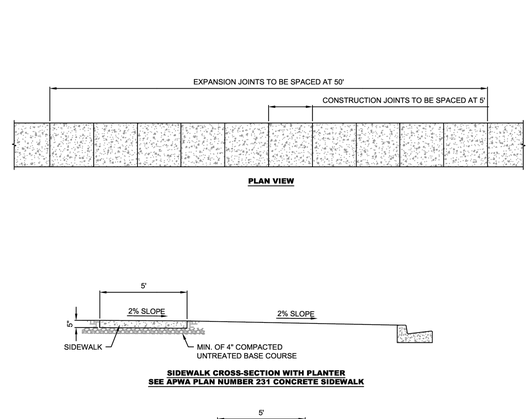


NOTES:
1. DOUBLE CHECK VALVE OR REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY TO BE DETERMINE BY BUILDING AND OR WATER DIVISION BASED ON DEGREE OF HAZARD POSED BY FIRE SPRINKLER PROTECTION SYSTEM USE.
2. MECHANICAL RESTRAINTS SHALL BE USED ON ALL MJ JOINTS.
3. LABEL ON LIDS SHALL READ "FIRE"
4. SEE STANDARD DRAWING W-206 FOR VALVE BOXES
5. FITTINGS SHALL BE ENCASED IN AN 8 MIL VINYL WRAP PLASTIC COVER AND NUTS AND BOLTS SHALL BE COATED WITH A FOOD GRADE GREASE.
6. TAPPING SLEEVES- MUST BE ROMAC INDUSTRIES TAPPING SLEEVE STYLE SST/II OR AN APPROVED EQUIVALENT
7. HOT TAPS ARE ONLY APPROVED BY CITY ENGINEER OR HIS/HER DESIGNEE. AND ONLY ALLOWED TO BE A MAXIMUM OF ONE SIZE LESS THAN THE MAIN LINE PROPOSING TO BE TAPPED.

SPANISH FORK CITY — 40 SOUTH MAIN STREET, SPANISH FORK, UT 84660, (801) 804-4550

STANDARD DRAWING — FIRE HYDRANT / FIRE LINE ASSEMBLY

DRAWN: JLR | DESIGN: MHC | REVISION: | DATE: 1/1/2023 | SCALE: NONE | STANDARD: W-223



NOTES:
1. IF CONCRETE IS TO BE POURED NEXT TO A CURB #4 REBAR SHALL BE DOWELED 3" INTO CURB AND 4" INTO SIDEWALK. REBAR SHALL BE DOWELED A MINIMUM OF 2" FROM TOP OF SIDEWALK AND CURB 24" O.C.
2. SIDEWALKS SHALL HAVE CONSTRUCTION JOINTS EVERY 5'.
3. SIDEWALK SHALL HAVE EXPANSION JOINTS EVERY 50'
4. TOP FRONT OF SIDEWALK SHALL BE PLACED AT 2% GRADE ABOVE TOP BACK OF CURB.

SPANISH FORK CITY — 40 SOUTH MAIN STREET, SPANISH FORK, UT 84660, (801) 804-4550

STANDARD DRAWING — SIDEWALK

DRAWN: JLR | DESIGN: MHC | REVISION: | DATE: 8/19/2019 | SCALE: NONE | STANDARD: ST-514

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PROFESSIONAL ENGINEER — 02-27-26 — NO. 14988925-2202 — DANIEL J. CANNING — STATE OF UTAH

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LEGACY FARMS LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: The Church of Jesus Christ of Latter-day Saints
DATE: 03.03.26

REV	DATE	DESCRIPTION

CIVIL DETAILS

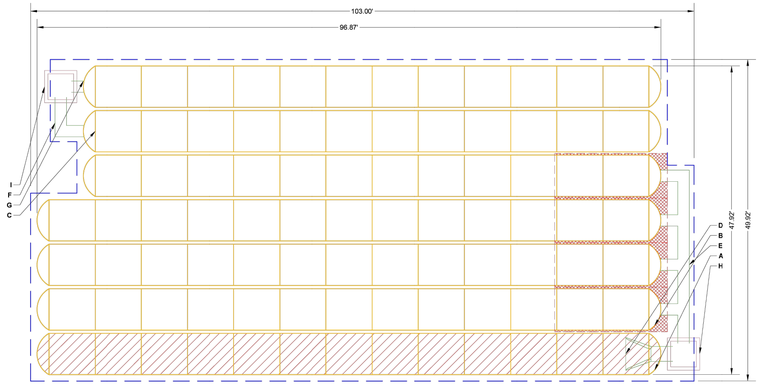
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PROPOSED LAYOUT		CONCEPTUAL ELEVATIONS	
58	STORMTECH MC-3500 CHAMBERS	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):	12.50
14	STORMTECH MC-3500 END CAPS	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):	6.50
12	STONE ABOVE (in)	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):	6.00
9	STONE BELOW (in)	MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT):	6.00
40	STONE VOID	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):	6.00
16882	INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED) (COVER STONE INCLUDED) (BASE STONE INCLUDED)	TOP OF STONE:	5.50
		TOP OF MC-3500 CHAMBER:	4.50
		18" x 18" TOP MANIFOLD INVERT:	2.42
		24" ISOLATOR ROW PLUS INVERT:	0.92
4078	SYSTEM AREA (SF)	18" x 18" BOTTOM MANIFOLD INVERT:	0.90
314.1	SYSTEM PERIMETER (ft)	18" BOTTOM CONNECTION INVERT:	0.90
		BOTTOM OF MC-3500 CHAMBER:	0.75
		BOTTOM OF STONE:	0.00

*INVERT ABOVE BASE OF CHAMBER

PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT*	MAX FLOW
PREFABRICATED END CAP	A	24" BOTTOM PRE-CORED END CAP, PART#: MC3500IEPP24BC / TYP OF ALL 24" BOTTOM CONNECTIONS AND ISOLATOR PLUS ROWS	2.06"	
PREFABRICATED END CAP	B	18" TOP PRE-CORED END CAP, PART#: MC3500IEPP18TC / TYP OF ALL 18" TOP CONNECTIONS	20.03"	
PREFABRICATED END CAP	C	18" BOTTOM PRE-CORED END CAP, PART#: MC3500IEPP18BC / TYP OF ALL 18" BOTTOM CONNECTIONS	1.77"	
FLAMP	D	INSTALL FLAMP ON 24" ACCESS PIPE / PART#: MCFLAMP		
MANIFOLD	E	18" x 18" TOP MANIFOLD, ADS N-12	20.03"	
MANIFOLD	F	18" x 18" BOTTOM MANIFOLD, ADS N-12	1.77"	
PIPE CONNECTION	G	18" BOTTOM CONNECTION	1.77"	
CONCRETE STRUCTURE	H	(DESIGN BY ENGINEER / PROVIDED BY OTHERS)		16.2 CFS IN
CONCRETE STRUCTURE	I	OCS (DESIGN BY ENGINEER / PROVIDED BY OTHERS)		8.0 CFS OUT



ISOLATOR ROW PLUS (SEE DETAIL)

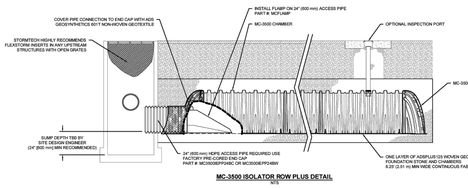
PLACE MINIMUM 17.50' OF ADSPLUS135 WOVEN GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS

BED LIMITS

NOTES

- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- **NOT FOR CONSTRUCTION** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

3 MC-3500 ISOLATOR ROW PLUS DETAIL



MC-3500 ISOLATOR ROW PLUS DETAIL
NTS

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

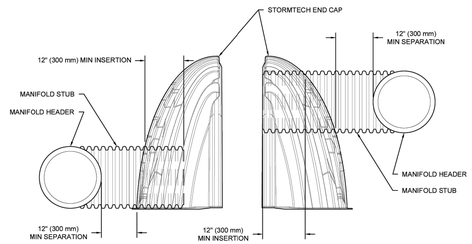
NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

SPACE INTENTIONALLY LEFT BLANK

4 MC-SERIES END CAP INSERTION DETAIL

MC-SERIES END CAP INSERTION DETAIL
NTS

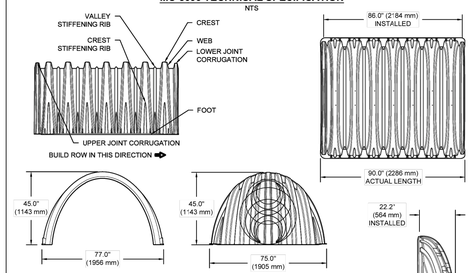


NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

SPACE INTENTIONALLY LEFT BLANK

SPACE INTENTIONALLY LEFT BLANK

MC-3500 TECHNICAL SPECIFICATION
NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	77.0" X 45.0" X 86.0"	(1956 mm X 1143 mm X 2184 mm)
CHAMBER STORAGE	109.9 CUBIC FEET	(3.11 m³)
MINIMUM INSTALLED STORAGE*	175.0 CUBIC FEET	(4.96 m³)
WEIGHT	134 lbs.	(60.8 kg)

NOMINAL END CAP SPECIFICATIONS

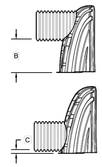
SIZE (W X H X INSTALLED LENGTH)	75.0" X 45.0" X 22.2"	(1905 mm X 1143 mm X 564 mm)
END CAP STORAGE	14.9 CUBIC FEET	(0.42 m³)
MINIMUM INSTALLED STORAGE*	45.1 CUBIC FEET	(1.28 m³)
WEIGHT	49 lbs.	(22.2 kg)

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION, 6" SPACING BETWEEN CHAMBERS, 6" (152 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A WELDED CROWN PLATE END WITH "C"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

PART #	STUB	B	C
MC3500IEPP06T	6" (150 mm)	33.21" (844 mm)	---
MC3500IEPP06B		---	0.66" (17 mm)
MC3500IEPP08T	8" (200 mm)	31.16" (791 mm)	---
MC3500IEPP08B		---	0.81" (21 mm)
MC3500IEPP10T	10" (250 mm)	29.04" (738 mm)	---
MC3500IEPP10B		---	0.93" (24 mm)
MC3500IEPP12T	12" (300 mm)	26.36" (670 mm)	---
MC3500IEPP12B		---	1.35" (34 mm)
MC3500IEPP15T	15" (375 mm)	23.39" (594 mm)	---
MC3500IEPP15B		---	1.50" (38 mm)
MC3500IEPP18TC	18" (450 mm)	20.03" (509 mm)	---
MC3500IEPP18TW			
MC3500IEPP18BC		---	1.77" (45 mm)
MC3500IEPP18BW			
MC3500IEPP24TC	24" (600 mm)	14.48" (368 mm)	---
MC3500IEPP24TW			
MC3500IEPP24BC		---	2.06" (52 mm)
MC3500IEPP24BW			
MC3500IEPP30BC	30" (750 mm)	---	2.75" (70 mm)

NOTE: ALL DIMENSIONS ARE NOMINAL



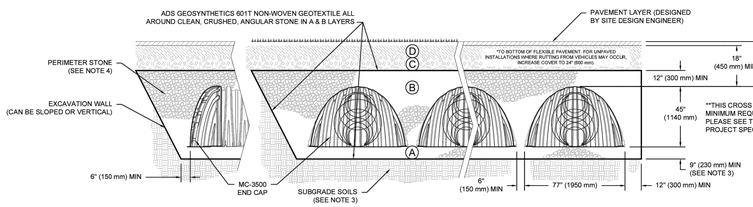
CUSTOM PRECORED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 18-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-3500 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

2 MC-3500 TECHNICAL SPECIFICATION

ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[4] A-1, A-2-4, A-3 OR AASHTO M43[4] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[4] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[4] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
5. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x76 DESIGNATION SS.
2. MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 500 LBS/FT/% . THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

1 MC-3500 CROSS SECTION DETAIL

DRAWN: DC | DATE: 07/16/2025
CHECKED: N/A | PROJECT #:
REV: | NOT TO SCALE

SPANISH FORK PALMYRA
SPANISH FORK, UT, USA

StormTech® Chamber System

4640 TRUEMAN BLVD
HILLIARD, OH 43026
1-800-733-7473

ADS

SHEET 1 OF 1

THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADSSTORMTECH UNDER THE DIRECTION OF THE PROJECT'S ENGINEER OF RECORD ('EOR') OR OTHER PROJECT REPRESENTATIVE. THIS DRAWING IS NOT INTENDED FOR USE IN BIDDING OR CONSTRUCTION WITHOUT THE EOR'S PRIOR APPROVAL. EOR SHALL REVIEW THIS DRAWING PRIOR TO BIDDING AND/OR CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE EOR TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.

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LEGACY FARMS LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: The Church of Jesus Christ of Latter-day Saints
DATE: 03.03.26

REV	DATE	DESCRIPTION

CIVIL DETAILS

C5.06

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LANDSCAPE SCHEDULE

SYMBOL	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	WATER ZONE	DETAIL
DECIDUOUS TREES						
	1	AUTUMN BRILLIANCE SERVICEBERRY	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	20 GAL. CONTAINER, CLUMP	LOW (1/2" EVERY 10-14 DAYS)	D/L501
	28	PRAIRIE SENTINEL COMMON HACKBERRY	CELTIS OCCIDENTALIS 'JFS-KSU1' PRAIRIE SENTINEL®	2" CAL	VERY LOW (WATER TO ESTABLISH)	D/L501
	3	COCKSPUR HAWTHORN	CRATAEGUS CRUS-GALLI	2" CAL.	LOW (1/2" EVERY 10-14 DAYS)	D/L501
	20	GOLDEN RAIN TREE	KOELREUTERIA PANICULATA	2" CAL	LOW (1/2" EVERY 10-14 DAYS)	D/L5.01
	14	GREENSPIRE LITTLELEAF LINDEN	TILIA CORDATA 'GREENSPIRE'	2" CAL.	LOW (1/2" EVERY 10-14 DAYS)	D/L501
	24	FRONTIER ELM	ULMUS 'FRONTIER'	2" CAL	LOW (1/2" EVERY 10-14 DAYS)	D/L501
	8	GREEN VASE ZELKOVA	ZELKOVA SERRATA 'GREEN VASE'	2" CAL	LOW (1/2" EVERY 10-14 DAYS)	D/L5.01
×	10	EXISTING DECIDUOUS TREE TO REMAIN				
EVERGREEN TREES						
	2	HORSTMANN BLUE ATLAS CEDAR	CEDRUS ATLANTICA 'HORSTMANN'	6' HT	LOW (1/2" EVERY 10-14 DAYS)	E/L501
	12	MOONGLOW JUNIPER	JUNIPERUS SCOPULORUM 'MOONGLOW'	#10	VERY LOW (WATER TO ESTABLISH)	E/L501
	5	BONNY BLUE COLORADO BLUE SPRUCE	PICEA PUNGENS GLAUCA 'BONNY BLUE'	8' HT.	LOW (1/2" EVERY 10-14 DAYS)	E/L501
	13	PINYON PINE	PINUS EDULIS	6' HT	VERY LOW (WATER TO ESTABLISH)	E/L501
SHRUBS						
	66	KINNIKINNICK	ARCTOSTAPHYLOS UVA URSI 'MASSACHUSETTS'	5 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L501
	83	ALPINE CARPET JUNIPER	JUNIPERUS COMMUNIS 'MONDAP'	5 GAL.	VERY LOW (WATER TO ESTABLISH)	B/L501
	8	SUMMER WINE NINEBARK	PHYSOCARPUS OPULIFOLIUS 'SEWARD'	5 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L501
	46	PAWNEE BUTTES WESTERN SAND CHERRY	PRUNUS BESSEYI 'PAWNEE BUTTES'	5 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L501
	48	LACETTE FRAGRANT SUMAC	RHUS AROMATICA 'FINE TEXTURED COMPACT SELECT A' PP 28669	5 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L501
	25	GRO-LOW FRAGRANT SUMAC	RHUS AROMATICA 'GRO-LOW'	3 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L5.01
	7	TIGER EYES SUMAC	RHUS TYPHINA 'BAILTIGER'	5 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L501
	47	COMMON SNOWBERRY	SYMPHORICARPOS ALBUS	5 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L501
PERENNIALS						
	64	STEPPSUNS SUNSET GLOW PENSTEMON	PENSTEMON PINIFOLIUS 'P019S'	1 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L501
	114	ROCKY MOUNTAIN BEARDTONGUE	PENSTEMON STRICTUS	1 GAL.	LOW (1/2" EVERY 10-14 DAYS)	B/L501
ORNAMENTAL GRASSES						
	79	BLONDE AMBITION BLUE GRAMA GRASS	BOUTELOUA GRACILIS 'BLONDE AMBITION'	1 GAL.	LOW (1/2" EVERY 10-14 DAYS)	A/L501
	56	FOERSTER'S FEATHER REED GRASS	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	1 GAL.	LOW (1/2" EVERY 10-14 DAYS)	A/L501
	218	ATLAS FESCUE	FESTUCA MAIREI	1 GAL.	LOW (1/2" EVERY 10-14 DAYS)	A/L501
	373	SAPPHIRE BLUE OAT GRASS	HELICTOTRICHON SEMPERVIRENS 'SAPHIRSPRUDEL'	1 GAL.	LOW (1/2" EVERY 10-14 DAYS)	A/L501

SYMBOL	QTY.	DESCRIPTION	INSTRUCTIONS	SIZE	SOURCE	DETAIL
BOULDERS						
	157	"BROWNS CANYON" BOULDERS	BURY 1/3 THE DEPTH OF THE BOULDER INTO FINISH GRADE. DO NOT USE BOULDERS THAT ARE LESS THAN 24" DIAMETER. BOULDER SHALL BE WASHED AND FREE OF DIRT AND OTHER FOREIGN DEBRIS	2'-4' DIAMETER IN ALL DIRECTIONS	BOULDERS FROM BROWN'S CANYON QUARRY. CONTACT ONE SOURCE MATERIALS, ONESOURCEMATERIALS.COM, (385) 447-9374.	G/L501
LAWN						
	7,619 S.F.	"DESERT SAGE" LAWN SOD - TWCA CERTIFIED	INSTALL OVER MINIMUM 5" TOPSOIL LAYER.		CHANSHARE FARMS (866) SOD-EASY OR APPROVED EQUAL	H/L501
	7,630 S.F.	"BIO-NATIVE" NATIVE GRASS SOD	INSTALL OVER MINIMUM 5" TOPSOIL LAYER.		BIOGRASS SOD FARMS, (801)562-9090, BIOGRASS.COM	H/L501
CRUSHED ROCK						
	35,426 S.F.	"BROWNS CANYON" CRUSHED ROCK	INSTALLED A MINIMUM 3" DEEP. INSTALL OVER DEWITTS 4.1 WEED BARRIER FABRIC. CRUSHED ROCK SHALL BE FREE OF DIRT & OTHER FOREIGN DEBRIS.	1-1/2" DIAMETER	CRUSHED ROCK FROM BROWN'S CANYON QUARRY. CONTACT ONE SOURCE MATERIALS, ONESOURCEMATERIALS.COM, (385) 447-9374.	F/L501
	1,514 S.F.	"BROWNS CANYON" CRUSHED ROCK	INSTALLED A MINIMUM 3" DEEP. INSTALL OVER DEWITTS 4.1 WEED BARRIER FABRIC. CRUSHED ROCK SHALL BE FREE OF DIRT & OTHER FOREIGN DEBRIS.	3/4" DIAMETER	CRUSHED ROCK FROM BROWN'S CANYON QUARRY. CONTACT ONE SOURCE MATERIALS, ONESOURCEMATERIALS.COM, (385) 447-9374.	F/L501
LANDSCAPE AREAS						
	4,376 S.F.	EXISTING LAWN AND IRRIGATION SYSTEM TO REMAIN				



SPANISH FORK CITY DATA

TITLE 15 - LAND USE		
ZONED AS		
TOTAL SITE AREA	202,606 S.F.	
ON-SITE LANDSCAPE AREA	47,481 S.F.	
TOTAL LANDSCAPE AREA	56,565 S.F.	
	REQUIRED	PROVIDED
GENERAL		
LANDSCAPE AREA - 20% MIN.	40,521 S.F.	23%
TREES - 1 PER 1,000 S.F. OF LANDSCAPE AREA	47	116
LAWN	20% MAX.	16%
LAWN IN FRONT & SIDE YARD	35% MAX.	32%
TOTAL PLANT COVERAGE	50%	50%
PARKSTRIP:		
TREES - 1 PER 30'		YES
PARKING LOT:		
LANDSCAPE ISLANDS	108 S.F. MIN.	YES
1 PER 10 STALLS		YES

LANDSCAPE DATA

TOTAL SITE AREA	202,606 S.F.	% OF SITE/LANDSCAPE	% / # REQUIRED BY LOCAL JURISDICTION
TOTAL LANDSCAPE AREA	47,481 S.F.	23%	20%
SHRUBS/GROUNDCOVER	36,940 S.F.	78%	
LAWN AREA	7,619 S.F.	16%	20% MAX.
TREES ON SITE	116		71

PLANT COVERAGE

	SHRUBS - MATURE COVERAGE	ACTUAL %	TREE PURPOSE	ACTUAL %	% REQUIRED BY LOCAL JURISDICTION
STREET FRONTAGE	25% - 50%	44%	FRAME BUILDING	18%	
PRIMARY ENTRIES	30% - 55%	68%	FRAME ENTRY	2%	47 + 24 PARKSTRIP TREES REQUIRED BY CITY
BUILDING PERIMETER	25% - 45%	45%	ACCENT BUILDING	3%	
PERIMETER	5% - 15%	30%	SCREEN LOT	38%	

ALWAYS PLANT ACCORDING TO CENTER POINT OF THE SYMBOL

0 40 80 120 ft

NORTH

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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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03/02/2026
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LEGACY FARMS
LDS STAKE CENTER #501-4029
2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

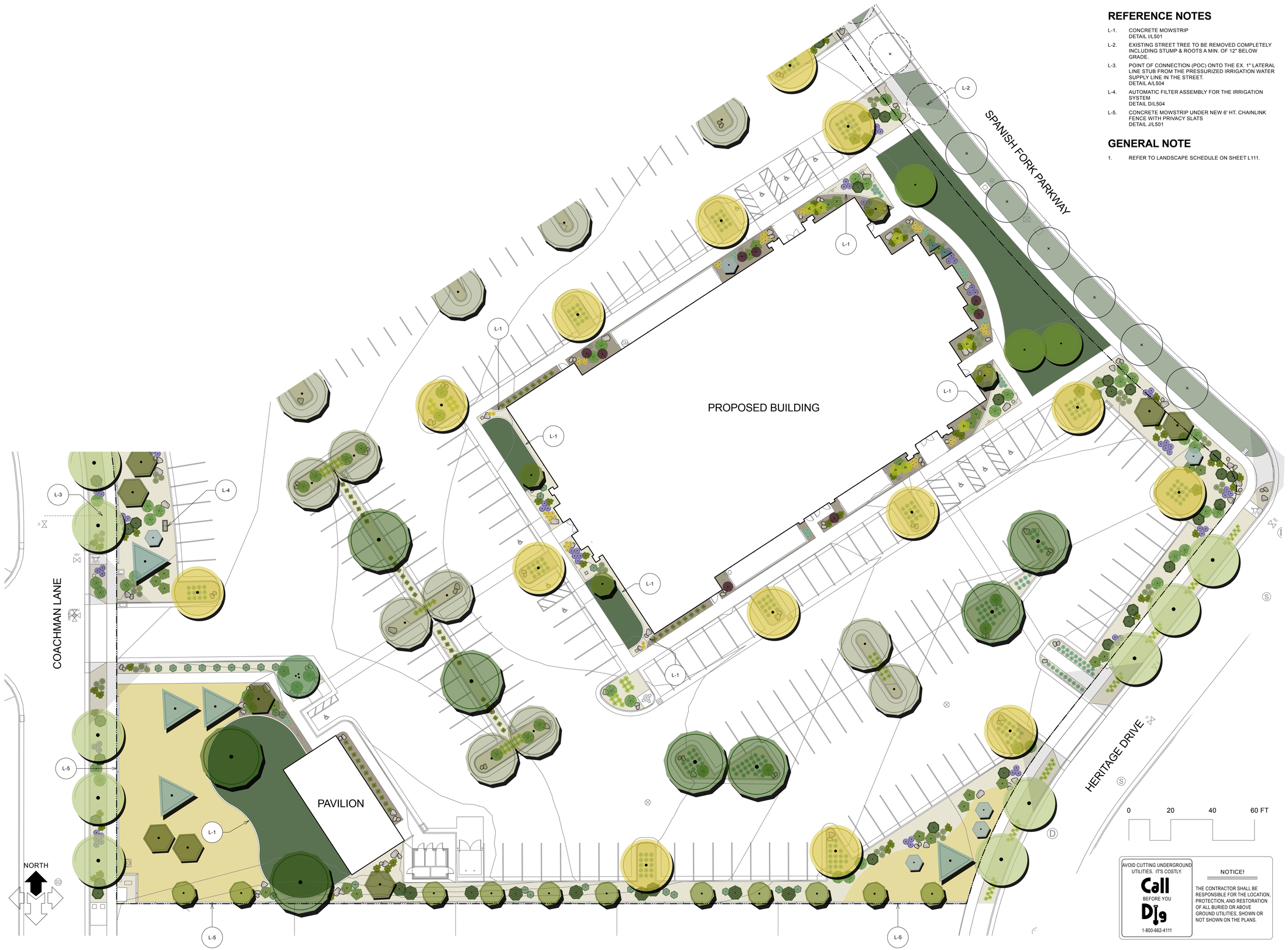
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.2026

REV	DATE	DESCRIPTION
A	07.29.25	SITE PLAN RESUBMISSION
B	09.04.25	SITE PLAN RESUBMISSION

LANDSCAPE PLANTING PLAN

L111

01 January, 2000



REFERENCE NOTES

L-1. CONCRETE MOWSTRIP
DETAIL I/L501

L-2. EXISTING STREET TREE TO BE REMOVED COMPLETELY INCLUDING STUMP & ROOTS A MIN. OF 12" BELOW GRADE.

L-3. POINT OF CONNECTION (POC) ONTO THE EX. 1" LATERAL LINE STUB FROM THE PRESSURIZED IRRIGATION WATER SUPPLY LINE IN THE STREET.
DETAIL A/L504

L-4. AUTOMATIC FILTER ASSEMBLY FOR THE IRRIGATION SYSTEM
DETAIL D/L504

L-5. CONCRETE MOWSTRIP UNDER NEW 6' HT. CHAINLINK FENCE WITH PRIVACY SLATS
DETAIL J/L501

GENERAL NOTE

1. REFER TO LANDSCAPE SCHEDULE ON SHEET L111.

AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.
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STATE OF UTAH
03/02/2026
SCOTT A. SCHOONOVER
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LEGACY FARMS
LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

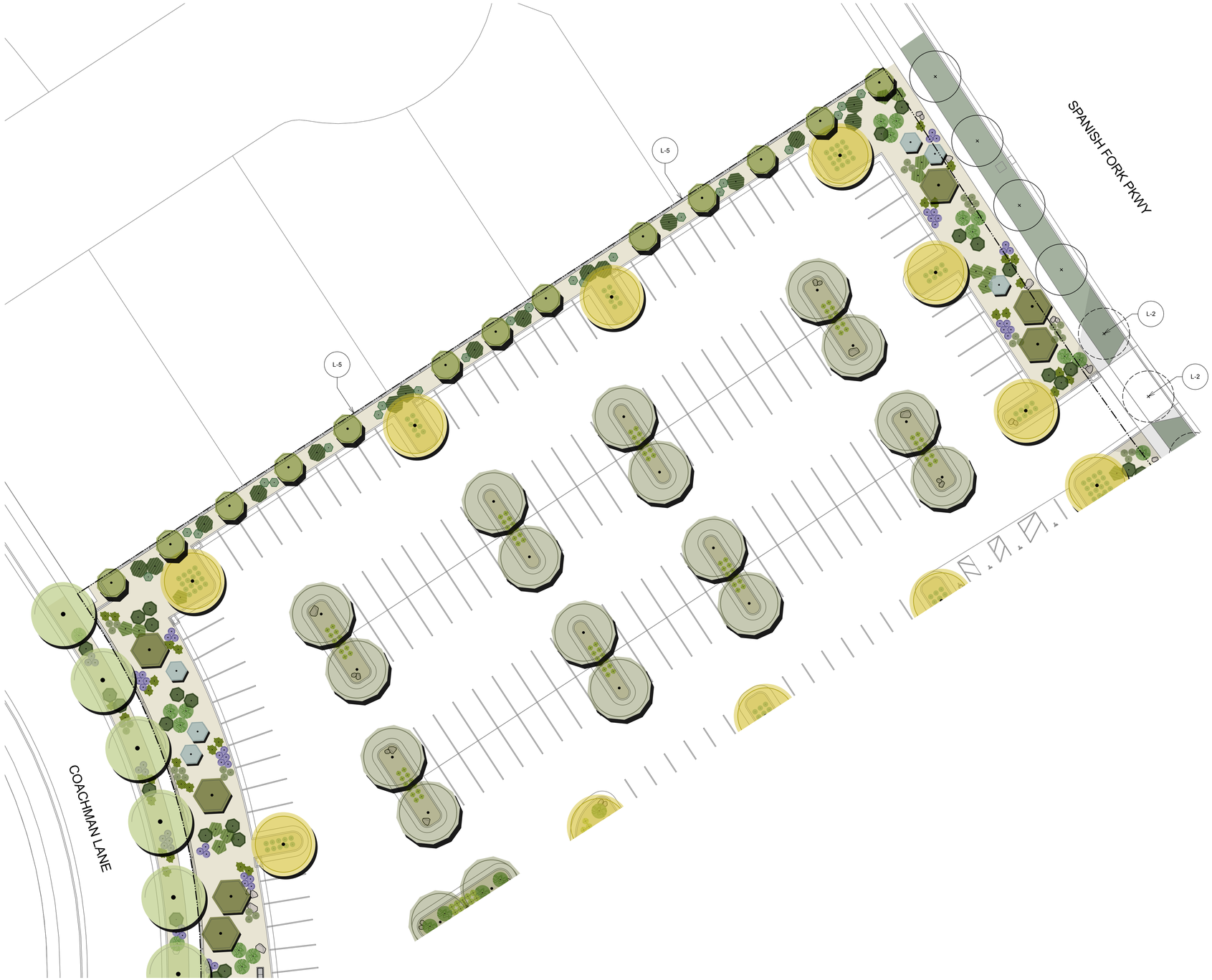
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.2026

REV	DATE	DESCRIPTION
A	07.29.25	SITE PLAN RESUBMISSION
B	09.04.25	SITE PLAN RESUBMISSION

LANDSCAPE PLANTING PLAN

L112

01 January, 2000



REFERENCE NOTES

L-1. CONCRETE MOWSTRIP
DETAIL I/L501

L-2. EXISTING STREET TREE TO BE REMOVED COMPLETELY INCLUDING STUMP & ROOTS A MIN. OF 12" BELOW GRADE.

L-3. POINT OF CONNECTION (POC) ONTO THE EX. 1" LATERAL LINE STUB FROM THE PRESSURIZED IRRIGATION WATER SUPPLY LINE IN THE STREET.
DETAIL A/L504

L-4. AUTOMATIC FILTER ASSEMBLY FOR THE IRRIGATION SYSTEM
DETAIL D/L504

L-5. CONCRETE MOWSTRIP UNDER NEW 6' HT. CHAINLINK FENCE WITH PRIVACY SLATS
DETAIL J/L501

GENERAL NOTE

1. REFER TO LANDSCAPE SCHEDULE ON SHEET L111.

NORTH

0 20 40 60 FT

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LEGACY FARMS
LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.2026

REV	DATE	DESCRIPTION
A	07.29.25	SITE PLAN RESUBMISSION
B	09.04.25	SITE PLAN RESUBMISSION

LANDSCAPE PLANTING PLAN

L113

01 January, 2000

IRRIGATION SCHEDULE

SYMBOL	TYPE	MANUFACTURER	MODEL	DETAIL
OUTLETS				
	MPR Fixed Nozzles	RAIN BIRD	1804-SAM-PRS-15H	F/L5.02
	MPR Fixed Nozzles	RAIN BIRD	1804-SAM-PRS-15Q	F/L5.02
	MPR Fixed Nozzles	RAIN BIRD	1804-SAM-PRS-15Q+	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-25F	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-25H	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-25Q	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-25Q+	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-25TQ	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-30H	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-30Q	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-30Q+	F/L5.02
	5000 Series 04in. Pop-Up MPR	RAIN BIRD	5004-PCR-30TQ	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-25F	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-25H	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-25Q	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-30F	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-30Q	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-30Q+	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-35F	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-35H	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-35Q	F/L5.02
	5000 Series 12in. Pop-Up MPR	RAIN BIRD	5012-PCR-35Q+	F/L5.02
DRIP AREAS				
	TREE DRIP RING W/ ROWS SPACED @ 24" APART	NETAFIM	TLCV9-12	I/L502

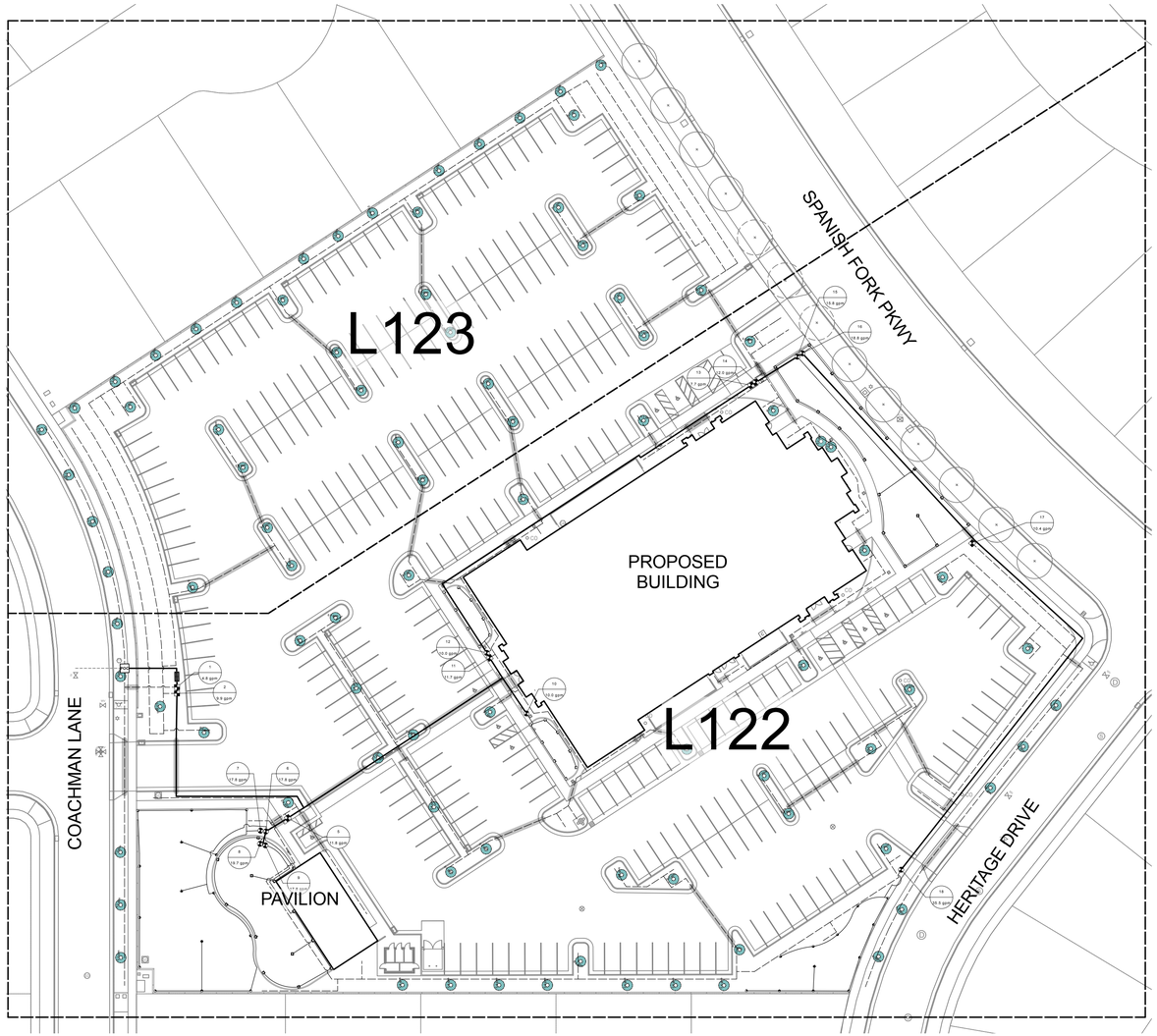
SYMBOL	TYPE	MANUFACTURER	DESCRIPTION	DETAIL
VALVES				
	DRIP CIRCUIT CONTROL VALVE	RAIN BIRD	XCZ-100-PRB-COM DRIP ZONE KIT WITH 100-PEB CONTROL VALVE AND BASKET FILTER WITH BUILT-IN PRV	F/L502
	LAWN CIRCUIT CONTROL VALVE	RAIN BIRD	150-PESB	E/L502
OTHER EQUIPMENT				
C	SMART CONTROLLER	HYDROPOINT	WEATHERTRAK ET PRO3	B/L505
POC	POINT OF CONNECTION			A/L504
	CONCRETE PAD FOR FILTER ASSEMBLY			C/L504

SYMBOL	TYPE	MATERIAL	DETAIL
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
AUTUMN BRILLIANCE SERVICEBERRY	TREE DRIP RING	NETAFIM	TLCV9-12	I/L502
BONNY BLUE COLORADO BLUE SPRUCE	TREE DRIP RING	NETAFIM	TLCV9-12	I/L502
COCKSPUR HAWTHORN	TREE DRIP RING	NETAFIM	TLCV9-12	I/L502
FRONTIER ELM	(4) 6-GPH Emitter	NETAFIM	TLCV9-12	I/L502
GOLDEN RAIN TREE	TREE DRIP RING	NETAFIM	TLCV9-12	I/L502
GREEN VASE ZELKOVA	TREE DRIP RING	NETAFIM	TLCV9-12	I/L502
GREENSPIRE LITTLELEAF LINDEN	TREE DRIP RING	NETAFIM	TLCV9-12	I/L502
HORSTMANN BLUE ATLAS CEDAR	TREE DRIP RING	NETAFIM	TLCV9-12	I/L502
MOONGLOW JUNIPER	(2) 5-GPH Emitter	RAIN BIRD IRRIGATION	PCT05 (BEIGE)	B/L503
PINYON PINE	(2) 5-GPH Emitter	RAIN BIRD IRRIGATION	PCT05 (BEIGE)	B/L503
PRAIRIE SENTINEL COMMON HACKBERRY	TREE DRIP RING	NETAFIM	TLCV9-12	I/L502
ALPINE CARPET JUNIPER	(1) 1-GPH Emitter	RAIN BIRD	XBT10 (BLACK)	A/L503
ATLAS FESCUE	(1) 1-GPH Emitter	RAIN BIRD	XBT10 (BLACK)	A/L503
BLONDE AMBITION BLUE GRAMA GRASS	(1) 1-GPH Emitter	RAIN BIRD	XBT10 (BLACK)	A/L503
COMMON SNOWBERRY	(1) 2-GPH Emitter	RAIN BIRD	XBT20 (RED)	A/L503
FOERSTER'S FEATHER REED GRASS	(1) 2-GPH Emitter	RAIN BIRD	XBT20 (RED)	A/L503
GRO-LOW FRAGRANT SUMAC	(1) 2-GPH Emitter	RAIN BIRD	XBT20 (RED)	A/L503
KINNIKINNICK	(1) 1-GPH Emitter	RAIN BIRD	XBT10 (BLACK)	A/L503
LACETTE FRAGRANT SUMAC	(2) 2-GPH Emitter	RAIN BIRD	XBT20 (RED)	A/L503
PAWNEE BUTTES WESTERN SAND CHERRY	(1) 2-GPH Emitter	RAIN BIRD	XBT20 (RED)	A/L503
ROCKY MOUNTAIN BEARDTONGUE	(1) 2-GPH Emitter	RAIN BIRD	UTAH NATIVE	A/L503
SAPPHIRE BLUE OAT GRASS	(1) 1-GPH Emitter	RAIN BIRD	XBT10 (BLACK)	A/L503
STEPPSUNS SUNSET GLOW PENSTEMON	(1) 1-GPH Emitter	RAIN BIRD	XBT10 (BLACK)	A/L503
SUMMER WINE NINEBARK	(1) 2-GPH Emitter	RAIN BIRD	XBT20 (RED)	A/L503
TIGER EYES SUMAC	(1) 5-GPH Emitter	RAIN BIRD	PCT05 (BEIGE)	A/L503



0 40 80 120 ft

NORTH

AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.
Call BEFORE YOU Dig
1-800-662-4111

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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STATE OF UTAH
03/02/2026
SCOTT A. SCHOONOVER
349757
LICENSED LANDSCAPE ARCHITECT

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LANDSCAPE IRRIGATION PLAN

L121

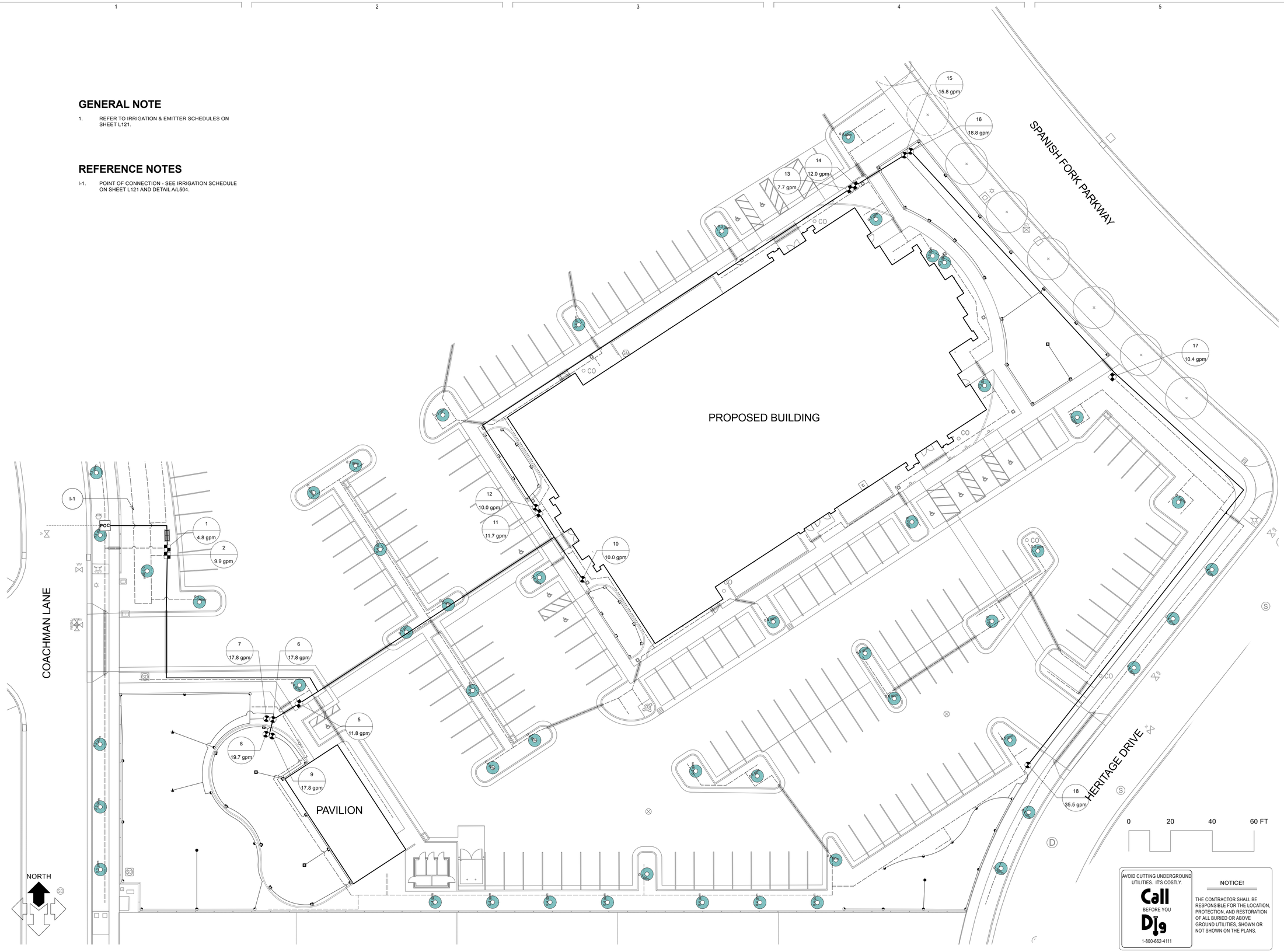
01 January, 2000

GENERAL NOTE

1. REFER TO IRRIGATION & EMITTER SCHEDULES ON SHEET L121.

REFERENCE NOTES

I-1. POINT OF CONNECTION - SEE IRRIGATION SCHEDULE ON SHEET L121 AND DETAIL A/L504.



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LANDSCAPE IRRIGATION PLAN

L122

01 January, 2000



GENERAL NOTE

1. REFER TO IRRIGATION & EMITTER SCHEDULES ON SHEET L121.

NORTH

0 20 40 60 FT

AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.
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01 January, 2000

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LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

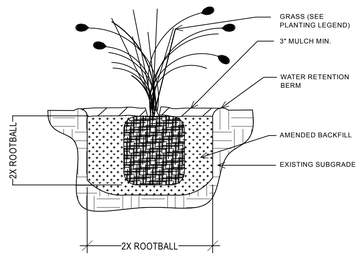
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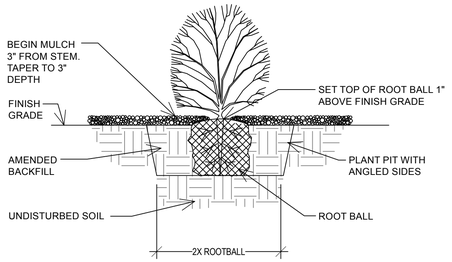
LANDSCAPE IRRIGATION PLAN

L123



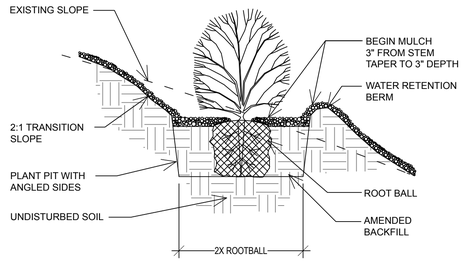
A ORNAMENTAL GRASSES PLANTING

NOT TO SCALE



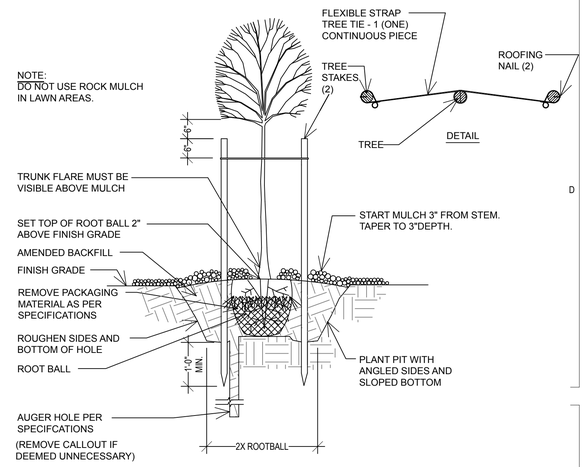
B SHRUB PLANTING

NOT TO SCALE



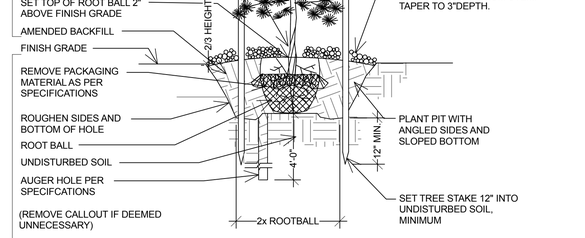
C PLANTING ON SLOPE

NOT TO SCALE



D TREE PLANTING AND STAKING

NOT TO SCALE

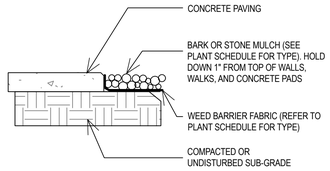


E CONIFER PLANTING AND STAKING

NO SCALE

NOTES:

1. APPLY PRE-EMERGENT HERBICIDE TO SHRUB AND GROUND COVER PLANTING AREAS AND GRASS-FREE AREAS AT TREES IN LAWN PRIOR TO PLACEMENT OF WEED BARRIER FABRIC AND MULCH.
2. PRE-EMERGENT SHALL BE "SURFLAN AS" (LIQUID) BY UNITED PHOSPHORUS INC, TRENTON, NJ, OR APPROVED EQUAL.
3. INSTALL MULCH TO UNIFORM DEPTH AND RAKE TO NEAT FINISHED APPEARANCE FREE OF HUMPS AND DEPRESSIONS.



F MULCH

NO SCALE



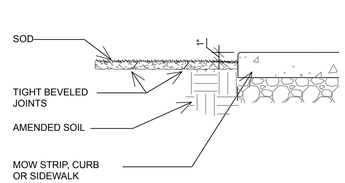
G BOULDER PLACEMENT DETAIL

NO SCALE

NOTES:

A. LAYING OF SOD:
   1. LAY SOD DURING GROWING SEASON AND WITHIN 48 HOURS OF BEING LIFTED.
   2. LAY SOD WHILE TOP 6 INCHES OF SOIL IS DAMP, BUT NOT MUDDY. SODDING DURING FREEZING TEMPERATURES OR OVER FROZEN SOIL IS NOT ACCEPTABLE.
   3. LAY SOD IN ROWS PERPENDICULAR TO SLOPE WITH JOINTS STAGGERED. BUTT SECTIONS CLOSELY WITHOUT OVERLAPPING OR LEAVING GAPS BETWEEN SECTIONS. CUT OUT IRREGULAR OR THIN SECTIONS WITH A SHARP KNIFE.
   4. LAY SOD FLUSH WITH ADJOINING EXISTING SODDED SURFACES.
   5. DO NOT SOD SLOPES STEEPER THAN 3:1. CONSULT WITH ARCHITECT FOR ALTERNATE TREATMENT.

B. AFTER LAYING OF SOD IS COMPLETE:
   1. ROLL HORIZONTAL SURFACE AREAS IN TWO DIRECTIONS PERPENDICULAR TO EACH OTHER.
   2. REPAIR AND RE-ROLL AREAS WITH DEPRESSIONS, LUMPS, OR OTHER IRREGULARITIES. HEAVY ROLLING TO CORRECT I RREGULARITIES IN GRADE WILL NOT BE PERMITTED.
   3. WATER SODDED AREAS IMMEDIATELY AFTER LAYING SOD TO OBTAIN MOISTURE PENETRATION THROUGH SOD INTO TOP 6 NCHES OF TOPSOIL.

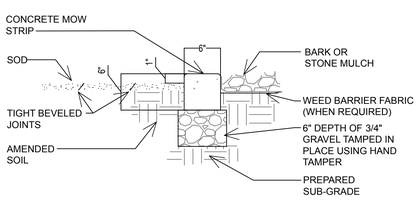


H SOD INSTALLATION

NO SCALE

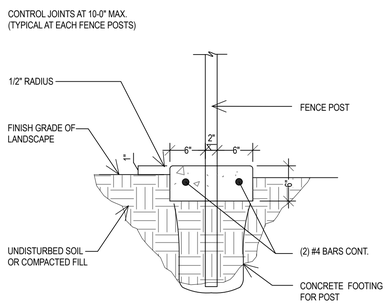
NOTES:

1. MOW STRIP TO BE 4,500 PSI CONCRETE WITH 6% AIR ± 1 1/2.
2. INSTALL EXPANSION AND CONTROL JOINTS AS PER SPECIFICATIONS.
3. PROVIDE POSITIVE DRAINAGE AROUND MOW STRIPS. DO NOT CREATE A DAM EFFECT WITH PLACEMENT OF MOW STRIP.
4. MAXIMUM 1/2" WIDTH VARIATION.
5. FOLLOW LAYOUT PLAN PRECISELY AS SHOWN ON MOW STRIP/EDGING DIMENSION PLAN.
6. RAISE THE LAWN GRADE 1" WHEN SEEDING.



I CONCRETE MOW STRIP

SCALE:



J CONCRETE MOWSTRIP AT @ FENCE

SCALE: 1"=1'

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REGISTERED LANDSCAPE ARCHITECT

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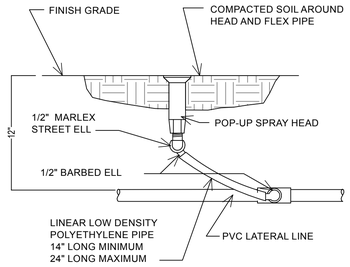
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LANDSCAPE PLANTING DETAILS

L501

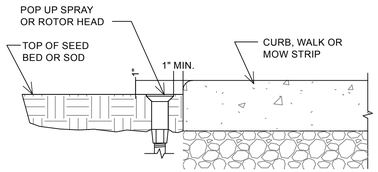
01 January, 2000



SPRAY AND ROTARY HEAD ASSEMBLY

A

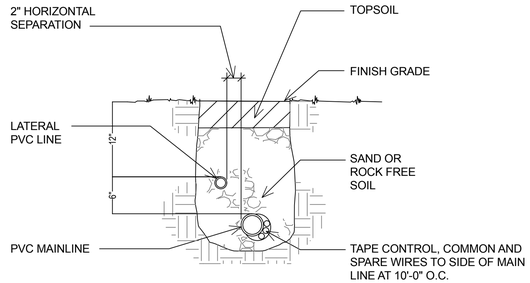
NO SCALE



SPRINKLER HEAD OR ROTOR NEXT TO CURB OR WALK

B

NO SCALE



TRENCH SECTION - CONVENTIONAL WIRE SYSTEM

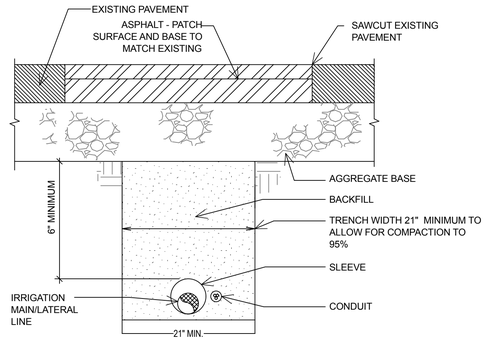
C

NO SCALE

NOTES:

1. CONTRACTOR TO DETERMINE METHOD OF SLEEVING PRIOR TO BIDDING. OPTIONS INCLUDE: USE OF EXISTING SLEEVE, USE OF EXISTING PIPE AS SLEEVE IF LARGE ENOUGH, BORING OF HOLE FOR NEW SLEEVE, OR SAWCUT AND PATCHING.

2. SAWCUTTING AND PATCHING OF EXISTING PAVEMENT SHALL BE A LAST RESORT AND REQUIRE APPROVAL FROM THE OWNER. IF SAWCUTTING IS REQUIRED IT SHALL NOT BE CONSIDERED ADDITIONAL SCOPE.

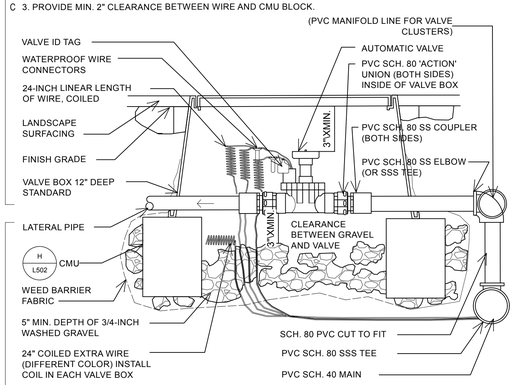


MISC. PIPE TRENCH DETAIL EXIST. PAVEMENT AREAS

D

SCALE: NO SCALE

NOTES:
1. LIMIT 1 VALVE PER BOX.
2. 10" MIN. LATERAL LINE DEPTH AT VALVE BOX, 12" MIN. LATERAL LINE DEPTH EVERYWHERE ELSE.
3. PROVIDE MIN. 2" CLEARANCE BETWEEN WIRE AND CMU BLOCK.

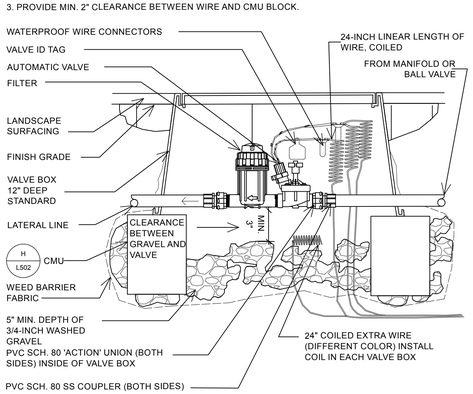


AUTOMATIC VALVE WITH CONVENTIONAL WIRE SYSTEM

E

NO SCALE

NOTES:
1. LIMIT 1 VALVE PER BOX.
2. 10" MIN. LATERAL LINE DEPTH AT VALVE BOX, 12" MIN. LATERAL LINE DEPTH EVERYWHERE ELSE.
3. PROVIDE MIN. 2" CLEARANCE BETWEEN WIRE AND CMU BLOCK.



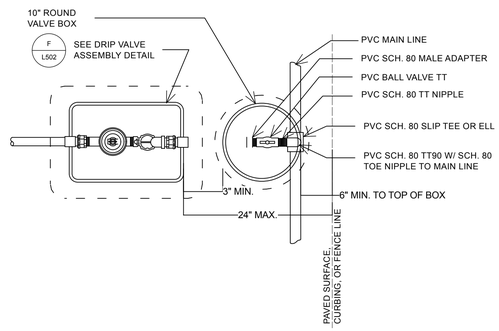
DRIP VALVE ASSEMBLY-SECTION CONVENTIONAL WIRE SYSTEM

F

NO SCALE

NOTE:

1. IF BALL VALVE IS INCLUDED WITH DRIP ZONE KIT, INCLUDE ENTIRE KIT WITHIN ONE BOX. REMOVE ROUND BOX. IF BALL VALVE IS PURCHASED SEPARATELY, INSTALL AS SHOWN, OR AS PER C/L502 FOR MULTIPLE DRIP VALVE ASSEMBLY.
2. WIRING NOT SHOWN. INSTALL AS PER CONVENTIONAL OR TWO-WIRE AUTOMATIC VALVE SECTIONS

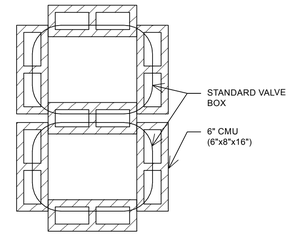


DRIP VALVE ASSEMBLY

G

NO SCALE

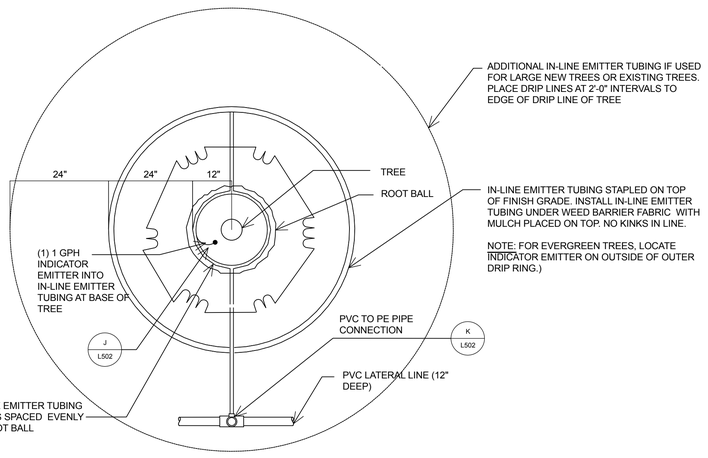
NOTES:
1. VALVE BOX TO REST ON (4) CMU BLOCKS (ONE FOR EACH SIDE).
2. CLUSTERED VALVE BOXES MAY SHARE A CMU BLOCK.



CMU PLACEMENT

H

NO SCALE

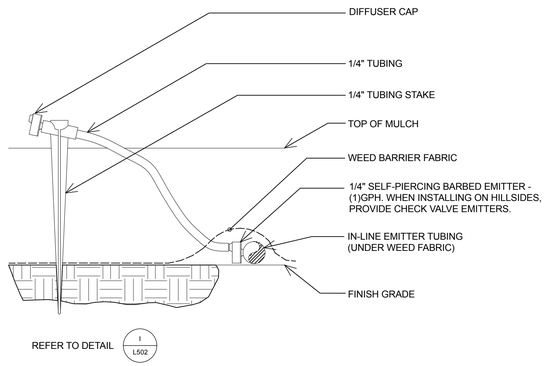


TREE DRIP - PLAN VIEW (Planter Areas)

I

NO SCALE

NOTE: FITTINGS TO INLINE DRIP TUBING TO BE INSERT FITTINGS. USE OETICKER CLAMPS FOR NON-NETAFIM FITTINGS.

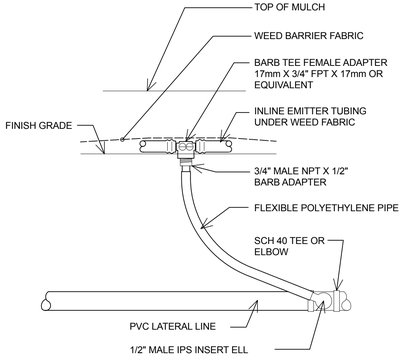


NOTE:
1. CONNECT SELF-PIERCING EMITTER DIRECTLY INTO IN-LINE EMITTER TUBING.
2. THIS IS AN INDICATOR ONLY EMITTER TO BE USED AT EACH TREE RING AND AREA WHERE IN-LINE EMITTER TUBING IS INSTALLED.
3. 1/4" TUBING LENGTH: MINIMUM 14", MAXIMUM 24".

INDICATOR EMITTER

J

NO SCALE



NOTE:
1. USE AT TREE RINGS AND AS CONNECTION FROM SUPPLY AND EXHAUST HEADERS.
2. DO NOT EXCEED (3) GPM FLOW THROUGH SINGLE CONNECTION.

PVC TO IN-LINE EMITTER

K

NO SCALE

01 January, 2000

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STATE OF UTAH
03/02/2026
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LEGACY FARMS
LDS STAKE CENTER #501-4029
2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.2026

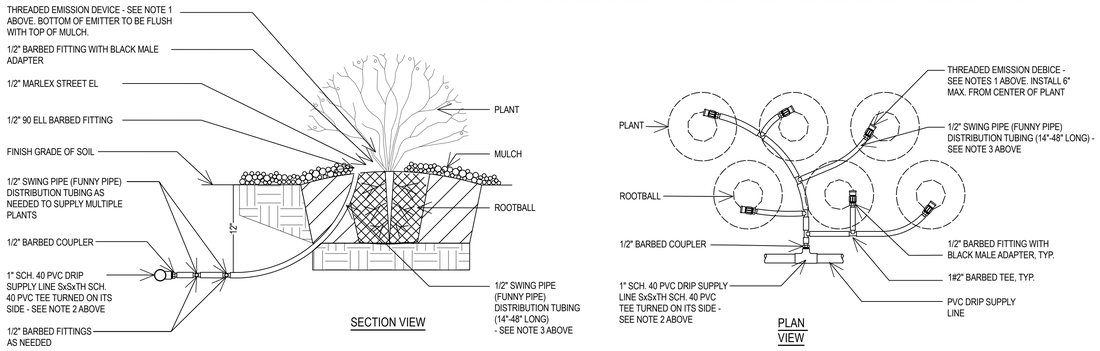
REV	DATE	DESCRIPTION
A	07.29.25	SITE PLAN RESUBMISSION
B	09.04.25	SITE PLAN RESUBMISSION

LANDSCAPE IRRIGATION DETAILS

L502

NOTES:

1. SEE EMISSION DEVICE SCHEDULE ON IRRIGATION PLAN FOR TYPE, QUANTITY AND SIZE OF EMISSION DEVICE PER PLANT.
2. INSTALL A MAX. OF (6) EMISSION DEVICES PER PVC CONNECTION.
3. DISTRIBUTION TUBING SHALL BE INSTALLED A MINIMUM OF 12" BELOW FINISHED GRADE AND ONLY BE BROUGHT TO THE SURFACE AT EACH PLANT.



SECTION VIEW

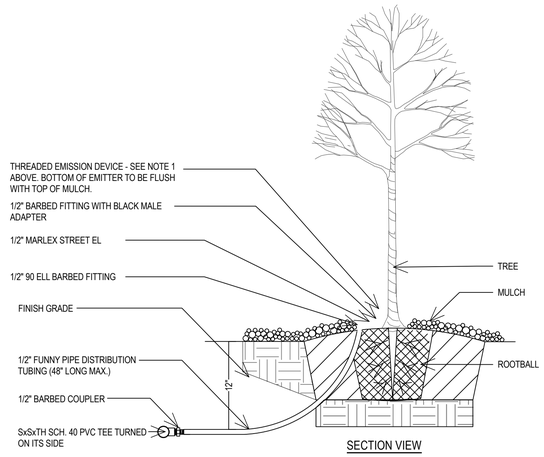
PLAN VIEW

A DRIP EMISSION DEVICE @ SHRUBS

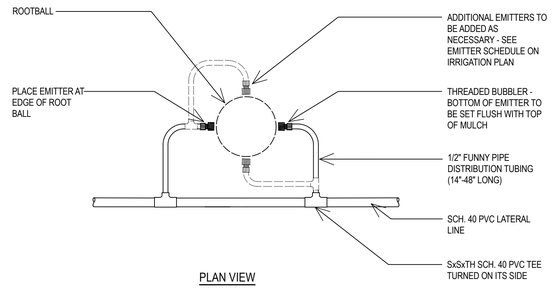
NO SCALE

NOTES:

1. THREADED EMITTER SHALL BE FROM GPH IRRIGATION PRODUCTS MODEL GPSTCV SPEC-CHECK PC "DESERT CAMO" COLOR FOR ROCK AREAS AND "MULCH CAMO" COLOR FOR BARK MULCH AREAS.
2. SEE EMITTER SCHEDULE ON IRRIGATION PLAN FOR QUANTITY AND SIZE OF EMITTERS PER PLANT.
3. INSTALL A MAX. OF (2) EMITTERS PER PVC CONNECTION.
4. DISTRIBUTION TUBING SHALL BE INSTALLED A MINIMUM OF 12" BELOW FINISHED GRADE AND ONLY BE BROUGHT TO THE SURFACE AT EACH PLANT.



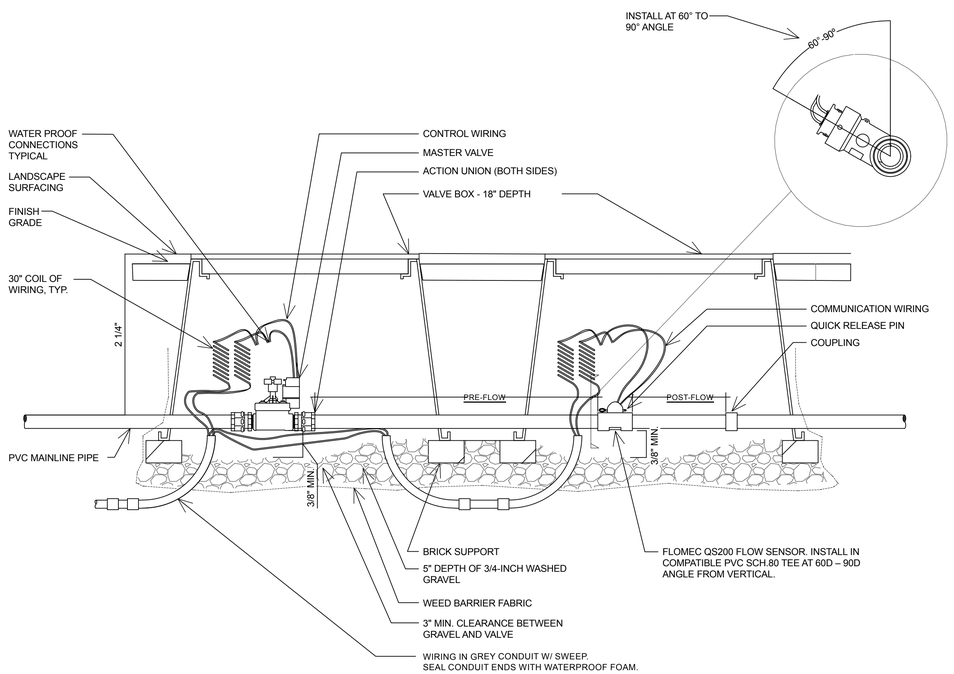
SECTION VIEW



PLAN VIEW

B DRIP BUBBLER @ TREES

NO SCALE



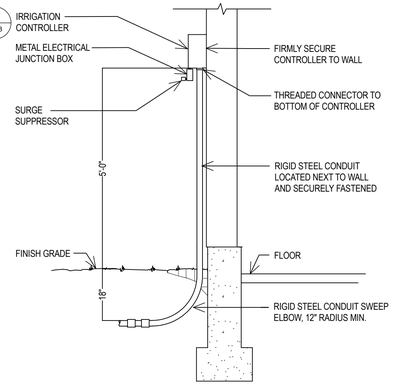
NOTES:

1. REFER TO SCHEDULE FOR MINIMUM PRE-FLOW AND POST-FLOW DISTANCES TO BE FREE FROM FITTINGS.
2. 16" MINIMUM MAIN LINE DEPTH AT VALVE BOX. 18" LINE DEPTH EVERYWHERE ELSE.
3. PLACE FITTINGS WITHIN VALVE BOX CLEAR OF SUPPORT BRICKS.
4. WHEN APPLICABLE, INSTALL DECODER PER AUTOMATIC VALVE DETAIL.

NO FITTING MINIMUM DISTANCE SCHEDULE		
PIPE SIZE	PRE-FLOW	POST-FLOW
1"	10"	5"
1-1/2"	15"	8"
2"	20"	10"

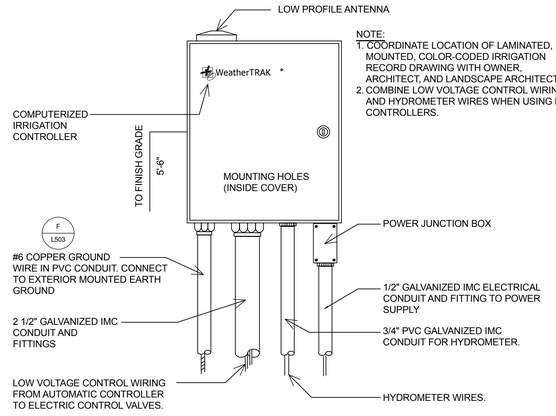
C MASTER VALVE/FLOW SENSOR

NO SCALE



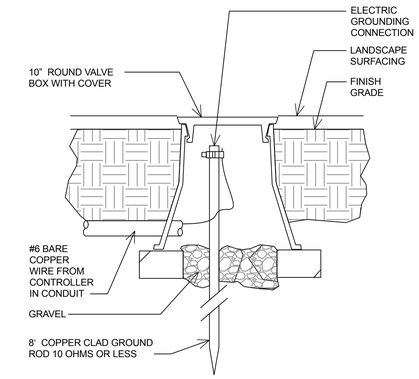
D CONTROLLER

NO SCALE



E SMART CONTROLLER

NO SCALE



F LIGHTNING GROUNDING ROD

NO SCALE

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LEGACY FARMS
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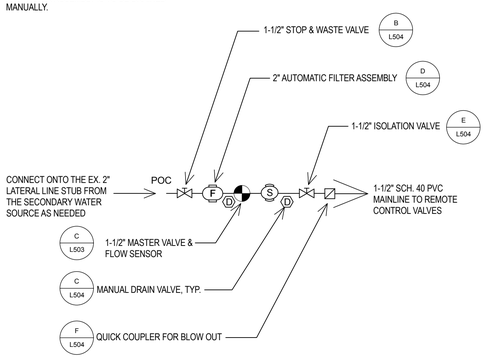
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.2026

REV	DATE	DESCRIPTION
A	07.29.25	SITE PLAN RESUBMISSION
B	09.04.25	SITE PLAN RESUBMISSION

LANDSCAPE IRRIGATION DETAILS

L503

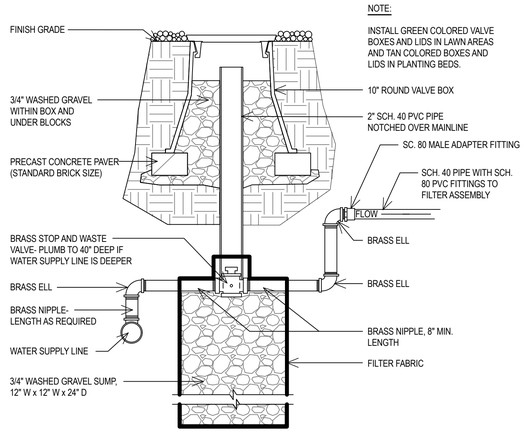
NOTE:
INSTALL ISOLATION VALVE AFTER THE HYDROMETER AND BEFORE THE QUICK COUPLER. THE FLOW SENSOR, MASTER VALVE, AND FILTER ASSEMBLY IS TO BE DRAINED MANUALLY.



A POC: FILTER ASSEMBLY

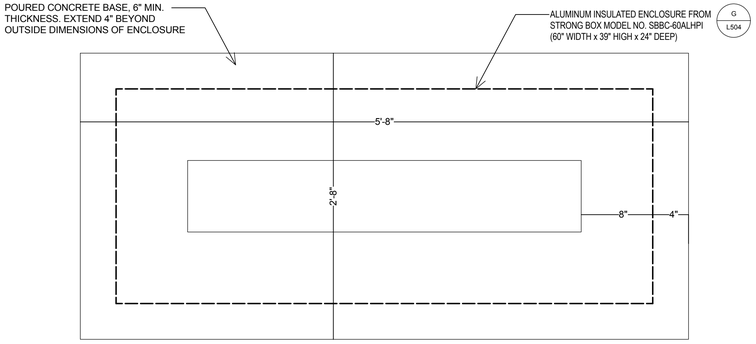
NO SCALE

NOTE:
INSTALL GREEN COLORED VALVE BOXES AND LIDS IN LAWN AREAS AND TAN COLORED BOXES AND LIDS IN PLANTING BEDS.

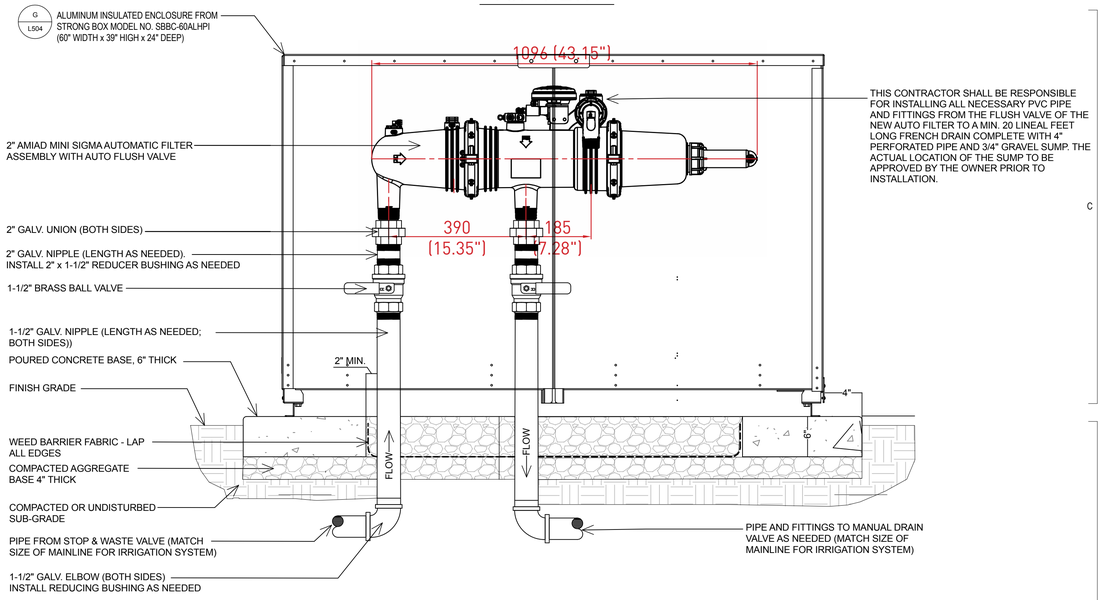


B STOP & WASTE VALVE

NO SCALE

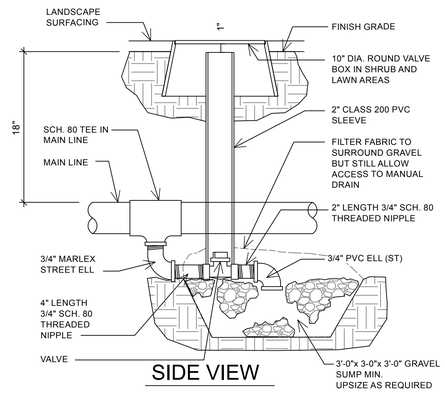


TOP VIEW



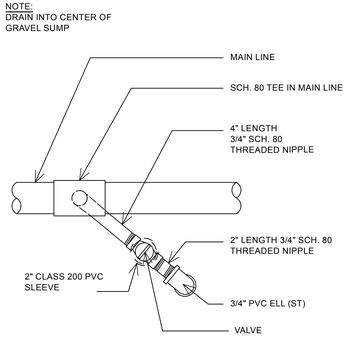
D AUTOMATIC FILTER ASSEMBLY

NO SCALE



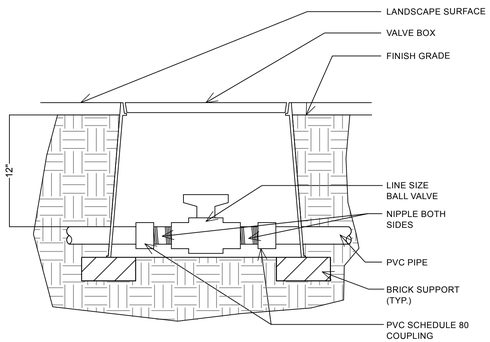
SIDE VIEW

NOTE:
DRAIN INTO CENTER OF GRAVEL SUMP



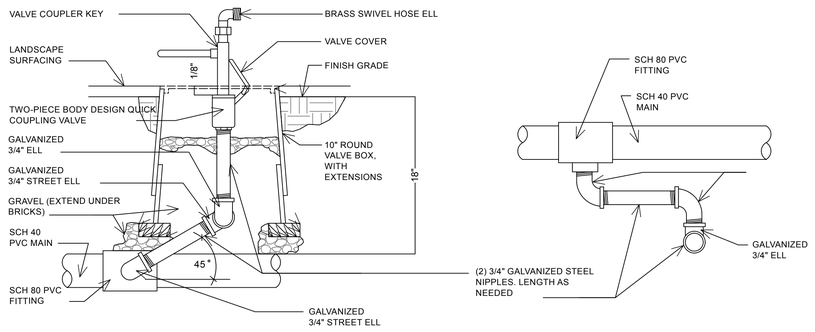
TOP VIEW

C MAIN LINE MANUAL DRAIN VALVE



E ISOLATION VALVE

NO SCALE

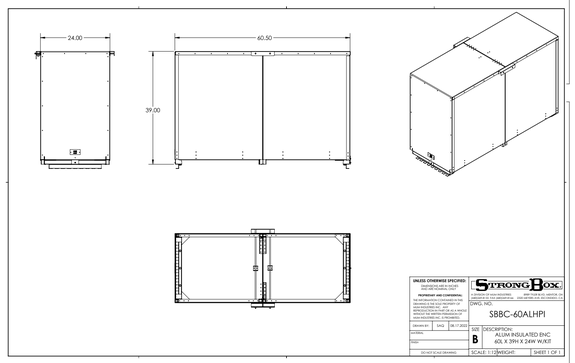


SIDE VIEW

TOP VIEW

F QUICK COUPLING VALVE

NO SCALE



G FILTER ASSEMBLY ENCLOSURE

NO SCALE

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LEGACY FARMS
LDS STAKE CENTER #501-4029

2082 EAST SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.2026

REV	DATE	DESCRIPTION
A	07.29.25	SITE PLAN RESUBMISSION
B	09.04.25	SITE PLAN RESUBMISSION

LANDSCAPE IRRIGATION DETAILS

L504

01 January, 2000

DESIGN CRITERIA:

1. 2021 INTERNATIONAL BUILDING CODE WITH STATEWIDE AMENDMENTS
2. TYPE OF CONSTRUCTION: TYPE II–B.
3. BUILDING USE: ASSEMBLY A–3
4. BUILDING OCCUPANCY CATEGORY: II
5. BUILDING HEIGHT: PER PLANS
6. BUILDING VOLUME: 19,800 CU. FT.
7. NO. OF OCCUPANTS: 120
8. ROOF DEAD LOAD – 11 PSF PLUS FRAMING WEIGHT
   a. SHINGLES AND FELT: 3.5 PSF
   a. DIAPHRAGM SHEATHING: 2.3 PSF
   b. WOOD DECK: 4.0 PSF
   c. MISCELLANEOUS: 1.2 PSF
9. ROOF LIVE LOAD – 20 PSF
10. SNOW LOAD
    a. Pg: 38 PSF (GROUND SNOW LOAD)
    b. Pf = 0.7 * Pg * Ce * Ct * Is = 29 PSF (ROOF SNOW LOAD)
       4) BUILDING ELEVATION: 4547 FT
    c. Ps = Pf Cs
       1) Cs: 1.0 FOR A 4:12 PITCH
       2) Ps: 29 PSF
11. WIND LOAD (ULTIMATE)
    a. V3s: 115 MPH
    b. EXPOSURE: C
    c. W: 1.00
12. SEISMIC LOAD (ULTIMATE)
    a. Ie: 1.00
    b. Ss: 1.446
    c. S1: 0.533
    d. Sds: 0.964
    e. Sd1: 0.628
    f. Ωo: 1.25
    g. Cd: 2.5
    h. SITE CLASS: C
    i. SEISMIC DESIGN CATEGORY: D
    j. R: 1.25 (CANTILEVERED STEEL COLUMNS)
    k. EQUIVALENT LATERAL FORCE PROCEDURE
    l. Cs = 0.77
13. ALLOWABLE SOIL BEARING PRESSURE:
    a. 1500 PSF
    b. ALLOWABLE FOUNDATION AND LATERAL PRESSURE = 100 PSF/FT BELOW NATURAL GRADE (TABLE 1806.2 OF 2021 IBC).
    c. USE CONSTRAINED CONDITIONS FOR CONCRETE PIERS
    d. COORDINATE ALL SITE GRADING AND SOIL WORK WITH THE SOILS REPORT BY GSH JOB NUMBER 0153–393A–25, DATED mARCH 13, 2025.

PAVILION CONSTRUCTION SEQUENCE NOTES:

1. VERIFY PERMIT REQUIREMENTS BEFORE SIGNING CONTRACTS.
   a. BUILDING PERMIT
   b. PLANNING OR CONDITIONAL USE PERMIT
   c. OBTAIN REQUIRED USE PERMIT
2. REMOVE ALL VEGETATION, ROCKS, OUTCROPPINGS, AND TREES FROM LOCATION OF PAVILION SLAB. STRIP 6" OF TOP SOIL.
3. LEVEL PAVILION BUILDING AREA. AVOID GRADING THAT ALLOWS WATER TO DRAIN TOWARD PAVILION.
4. DIG COLUMN CAISSONS.
5. PLACE COLUMN CAISSON FORMS AND SET REINFORCING STEEL.
6. SET COLUMN ANCHOR BOLTS USING PLYWOOD TEMPLATE OF APPROXIMATELY THE SAME SIZE AS COLUMN BASE PLATE TO INSURE BOLT LOCATION ACCURACY.
7. PLACE CONCRETE IN CAISSON FORMS FROM BOTTOM OF PIER UP TO A LEVEL 1–1/2" BELOW BOTTOM OF COLUMN BASE PLATE. LET CONCRETE CURE 7 DAYS.
8. SET HSS COLUMNS OVER PRE–SET ANCHOR BOLTS ALLOWING COLUMNS TO REST ON LEVELING NUTS AND 1/4"x 3" PLATE WASHERS. LEVELING NUTS ARE TO BE USED TO SET COLUMNS PLUMB AND TRUE AND AT CORRECT BEARING HEIGHT TO RECEIVE GLU–LAM BEAMS.
9. AFTER COLUMNS ARE SET PLUMB AND TRUE, VERIFY ACCURACY OF DIMENSIONS BETWEEN COLUMNS AND SECURE COLUMNS IN PLACE USING 1/4"x 3" PLATE WASHERS UNDER NUTS. TIGHTEN NUTS WITH ADDITIONAL 1/4 TURN PAST SNUG.
10. THE WEIGHT OF GLU–LAM BEAMS IS APPROXIMATELY 500 POUNDS EACH. SOME FORM OF MECHANICAL HOIST IS RECOMMENDED FOR SETTING BEAMS ON TOP OF STEEL TUBE COLUMNS.
11. NOTCH A 1"x 1" HOLE AT TOP OF BEAMS NEAR CENTER PEAK FOR ELECTRICAL CONDUIT TO PASS THROUGH.
12. LIFT GLU–LAM BEAMS AND SET EACH END IN THE COLUMN SADDLE PLATES.
13. ANCHOR BEAMS IN SADDLES WITH (8) SIMPSON SDS25112 WOOD SCREWS.
14. ONCE GLU–LAM BEAMS ARE SET AND SECURELY BOLTED, ADEQUATELY BRACE EACH BEAM USING 2x LUMBER TO PREVENT BEAMS FROM OVERTURNING UNTIL ROOF DECK AND ROOF SHEATHING ARE SECURELY ANCHORED IN PLACE.
15. SET 2x8 TONGUE AND GROOVE ROOF DECK WITH COMMON OR RING SHANK NAILS IN ACCORDANCE WITH SUPPLIERS' RECOMMENDATIONS.
16. INSTALL 2x6 FASCIA BOARD AROUND ENTIRE ROOF PERIMETER. ALIGN TOP OF FASCIA BOARD WITH TOP OF ROOF DECKING.
17. INSTALL WOOD ROOF SHEATHING OVER 2x8 TONGUE AND GROOVE ROOF DECK AT 45 DEGREES AS SHOWN IN ROOF DIAPHRAGM DETAIL.
18. LAY 30 POUND FELT UNDERLAYMENT OVER ENTIRE ROOF STARTING AT FASCIA DRIP EDGE, OVERLAP EACH ROLL 6" AS FELTS ARE LAID UP TO RIDGE.
19. INSTALL PRE–FINISHED METAL DRIP EDGING ON ALL PERIMETER EDGES OF ROOF.
20. INSTALL FIBERGLASS SHINGLES OVER ROOF UNDERLAYMENT AND PRE–FINISHED METAL DRIP EDGING. FOLLOW MANUFACTURER'S INSTRUCTIONS.
21. PLACE NON–SHRINK GROUT UNDER COLUMN BASE PLATES. FINISH NON–SHRINK GROUT EDGES TO 45 DEGREES.
22. PLACE REMAINDER OF CONCRETE SLAB ANY TIME AFTER GLU–LAM BEAMS, ROOF DECKING, AND PLYWOOD ROOF SHEATHING ARE SECURELY IN PLACE.
23. FINISH TOP SURFACE OF CONCRETE SLAB WITH A LIGHT BROOM FINISH.
24. AS SOON AS CONCRETE HAS CURED ENOUGH TO SUPPORT AN EARLY ENTRY SAW (4–6 HOURS AFTER PLACEMENT), CUT CONTROL JOINTS IN SLAB TOP SURFACE. DEPTH OF CONTROL JOINTS IS TO BE 1" DEEP.
25. INSTALL MEMBRANE CURING ON CONCRETE SLAB.
26. ALLOW CONCRETE SLAB TO CURE A MINIMUM OF 7 DAYS BEFORE PROCEEDING WITH REMAINDER OF PAVILION WORK.
27. ALL STEEL COLUMNS, SADDLES, BOLTS, AND BASE PLATES TO BE POWDER COATED TOUCH–UP FINISH PAINTING BY OTHERS.
28. STAIN ALL EXPOSED WOOD.

SITE PREPARATION:

1. REMOVE ALL ORGANIC MATERIAL AND TOPSOIL FROM PAVILION AREA. VERIFY SUITABILITY OF SUBGRADE. FOUNDATIONS ARE TO BE ON UNDISTURBED, NATURAL SOIL OR ENGINEERED FILL EXTENDING TO SUITABLE UNDISTURBED NATURAL SOILS
2. PLACE FOOTINGS/CAISSONS IN FIRM UNDISTURBED NATURAL SUBGRADE (UNLESS NOTED OTHERWISE BY GEOTECHNICAL REPORT).
3. COMPACT SUBGRADE AND FILL UNDER CONCRETE FLOOR SLAB TO 95 PERCENT OF ASTM D–1557 (UNLESS NOTED OTHERWISE BY GEOTECHNICAL REPORT).
4. INSTALL AND COMPACT 6 INCH GRANULAR BASE BENEATH CONCRETE FLOOR SLAB TO 95 PERCENT OF ASTM D–1557.

UTILITIES: (BY OTHERS)

1. INSTALL PLUMBING LINE FOR COLD WATER.
2. INSTALL ELECTRICAL LIGHTS, BOXES, CONDUITS, AND SWITCHES.

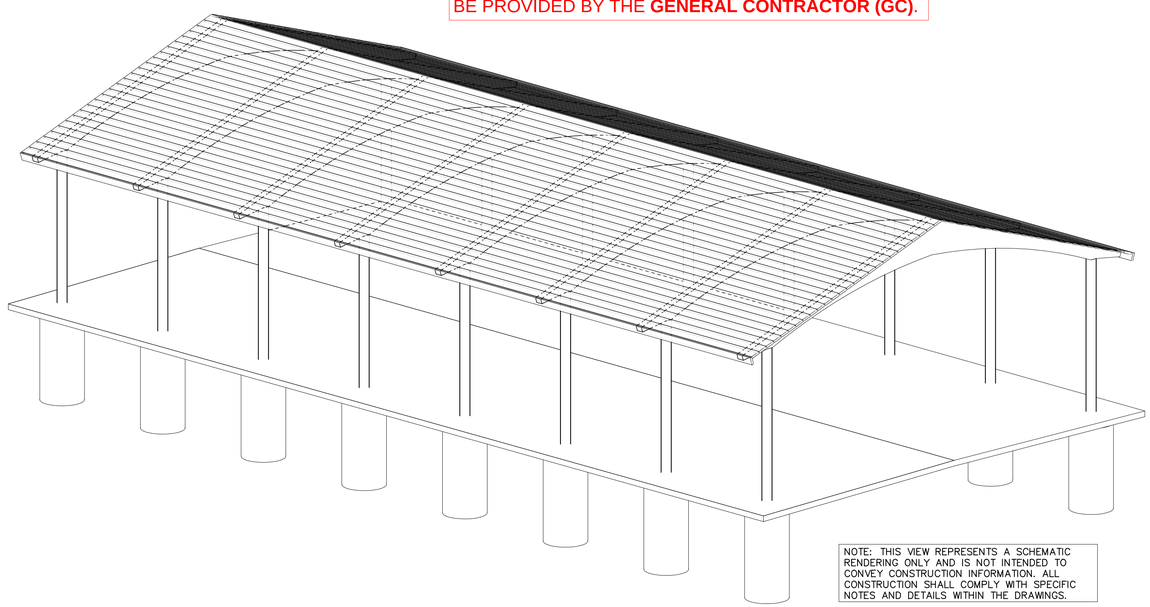
SPECIFICATIONS:

SCOPE– ONE EACH 30 FOOT BY 60 FOOT PAVILION WITH MINIMUM 4 INCH THICK CONCRETE SLAB. PROVIDE SHINGLES, ROOFING FELTS, FASCIA, SHEATHING, ROOF FRAMING, BEAMS, SOFFIT, CONNECTION HARDWARE, COLUMNS, CONCRETE SLAB, CONCRETE CAISSONS AND FINISHES TO CONSTRUCT COMPLETE PAVILION.

PAVILION HAS BEEN DESIGNED AS A FREE STANDING, OPEN STRUCTURE. RE–ENGINEER PAVILION IF WALLS ARE ADDED, IF STRUCTURE IS TO ADJOIN ANOTHER STRUCTURE, OR IF OTHER SUCH MODIFICATIONS ARE MADE. PROPERLY BRACE WOOD BEAMS AND MEMBERS UNTIL COMPLETE STRUCTURAL SYSTEM HAS BEEN CONSTRUCTED.

NOTE: GENERAL CONTRACTOR TO PROVIDE ALL ROOFING, SHEATHING, FASCIA METALS, LIGHTING PACKAGE AND ALL ELECTRICAL

NOTE: UNLESS OTHERWISE SPECIFIED, ALL ITEMS INDICATED AS "**BY OTHER**" IN THESE NOTES SHALL BE PROVIDED BY THE **GENERAL CONTRACTOR (GC)**.



NOTE: THIS VIEW REPRESENTS A SCHEMATIC RENDERING ONLY AND IS NOT INTENDED TO CONVEY CONSTRUCTION INFORMATION. ALL CONSTRUCTION SHALL COMPLY WITH SPECIFIC NOTES AND DETAILS WITHIN THE DRAWINGS.

CONCRETE:

1. CONCRETE SLAB ON GRADE IS TO BE REINFORCED AND BE 4" MINIMUM THICK. INSTALL WITH CRACK CONTROL JOINTS AS SHOWN. SURFACE IS TO HAVE A BULL FLOAT FINISH AND BE LIGHTLY BROOMED.
2. EDGE OF SLAB IS TO BE THICKENED TO 8" WIDE AND BE REINFORCED WITH (2) #4 CONTINUOUS BARS. LAP SPLICES 24".
3. PROVIDE DEFORMED REINFORCING STEEL BARS CONFORMING TO ASTM A615 WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI. SECURELY ANCHOR REINFORCING STEEL, AND PROVIDE CLEARANCES, IN ACCORDANCE WITH THE LATEST EDITION OF ACI 318.
4. MINIMUM CONCRETE MIX DESIGN REQUIREMENTS:
   a. COMPRESSIVE STRENGTH OF CONCRETE TO BE 4,500 PSI AT 28 DAYS.
   b. MAX W/C: 0.45
   c. 6% (+/–1.5%) AIR ENTRAINMENT.
   d. CEMENT TYPE II/V
   e. DESIGNED FOR THE FOLLOWING EXPOSURE CATEGORIES AND CLASSES:
      e.a. F2, S1 (PER ACI 318 TABLEL 4.2.1)
   f. LIMIT SLUMP TO 4" (+/–1")
5. VERIFY STRENGTH REQUIREMENTS AND CEMENT TYPE REQUIREMENTS WITH THE GEOTECHNICAL EVALUATION REPORT.
6. ALL CONCRETE WORK TO BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 318.
7. SLAB TO BE SEALED WITH WEATHERWORKER J–29A CONCRETE SEALER, BY DAYTON SUPERIOR CORPORATION. INSTALL AS PER MANUFACTURERS INSTRUCTIONS.
8. MEMBRANE CONCRETE CURING: USE CLEAR CURE J7wb BY DAYTON SUPERIOR CORPORATION. FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS.

STRUCTURAL STEEL:

1. ALL STEEL PLATES TO BE ASTM A36
2. STEEL TUBES TO BE ASTM A500, GRADE C, Fy = 50,000 PSI
3. ALL WELDING IS TO BE DONE IN ACCORDANCE WITH LATEST AWS STANDARDS. IF WELDS ARE NOT SPECIFIED, ALL WELDS ARE TO DEVELOP THE FULL STRENGTH OF ALL COMPONENT PARTS.
4. ALL BOLTS ARE TO BE ASTM A325 EXCEPT THAT ANCHOR BOLTS ARE TO BE ASTM F1554 GRADE 36.
5. ALL EXPOSED BOLTS ARE TO BE PAINTED TO MATCH STRUCTURE.
6. ALL HOLES IN STEEL TO BE 1/16" LARGER THAN THE DIAMETER OF THE CONNECTING BOLT UNLESS NOTED OTHERWISE.
7. ALL FABRICATED STEEL IS TO BE PRIMED AND FINISH POWDER COATED.

WOOD:

1. GLU–LAM BEAMS:
   c. SOUTHERN YELLOW PINE
   d. 24F–V3 STRESS COMBINATION
   e. 2–INCH NOMINAL THICK LAMINATIONS
   f. 5" MINIMUM WIDTHS
   g. RESORCINOL ADHESIVE
   h. DOUBLE PITCHED AND TAPERED
   i. ARCHITECTURAL APPEARANCE GRADE
   j. STAIN AND SEAL FINISH
   k. ROOF PITCH IS TO BE 4 VERTICAL TO 12 HORIZONTAL (4:12)
   l. MATERIALS, MANUFACTURE AND QUALITY CONTROL OF GLUE LAMINATED BEAMS SHALL BE IN CONFORMANCE WITH "AMERICAN NATIONAL STANDARD FOR WOOD PRODUCTS – STRUCTURAL GLUED LAMINATED TIMBER" ANSI/AITC A190.1.
   m. MEMBERS SHALL BE MARKED WITH AN AITC OR APA/EWS QUALITY MARK AND, IN ADDITION, AN AITC OR APA/EWS CERTIFICATE OF CONFORMANCE SHALL BE PROVIDED TO INDICATE CONFORMANCE WITH ANSI/AITC A190.1.
   n. FACTORY SEAL BEAMS AND INDIVIDUALLY WRAP FOR PROTECTION IN TRANSIT, STORAGE, AND ERECTION.
   o. TEMPORARY STORAGE SHALL CONSIST OF LEVELED BLOCKS, WELL OFF GROUND, SEPARATION WITH WOOD STRIPS FOR AIR CIRCULATION AROUND EACH MEMBER, COVER TOP AND SIDES WITH MOISTURE RESISTANT PAPER.
   p. USE NON–MARRING SLINGS WHEN HANDLING, DRY–IN ROOF AS SOON AS ERECTED.
   q. PROTECTIVE WRAPPING SHALL REMAIN ON BEAMS UNTIL DECK HAS BEEN INSTALLED AND SHINGLES APPLIED.
2. ROOF FRAMING
   a. USE GALVANIZED NAILS.
   b. 2x6 FASCIA: NO. 1 SOUTHERN YELLOW PINE, KILN DRIED, CHROMATED COPPER ARSENATE PRESSURE TREATED (0.4 PCF), SURFACED ON FOUR SIDES, AND STAINED. FASCIA IS TO BE FREE OF ANY GROOVES OR INCISIONS.
      1) MITER ENDS OF FASCIA AT CORNERS
      2) BUTT FASCIA ONLY AT BEAM ENDS
      3) FASTEN FASCIA TO BEAM WITH NOT LESS THAN THREE 16d COMMON, GALVANIZED NAILS AT EACH BEAM JUNCTION AT EAVE AND TO OUTLOOKERS WITH TWO 16d COMMON, GALVANIZED NAILS AT EACH RAKE.
   c. 2x8 ROOF DECK:
      1) DOUGLAS FIR LARCH, SINGLE TONGUED AND GROOVED, SPECIFIED LENGTH, CENTER MATCHED, EDGE VEED TWO SIDES, KILN DRIED, AND STAINED – NO. 2 GRADE.
      2) DECK FURNISHED IN SPECIFIED LENGTHS SO ALL JOINTS OCCUR OVER BEAMS – RANDOM LENGTH DECK IS UNACCEPTABLE. DECK SHALL BE INSTALLED WITH A 2 SPAN CONDITION, MINIMUM.
      3) INSTALL IN ACCORDANCE WITH SUPPLIER'S SPECIFICATIONS USING 16d COMMON OR RING SHANK NAILS. MINIMUM. NAILING SHALL BE FACE NAILED USING (3) NAILS AT EACH BEARING POINT WITH A 4TH NAIL DIAGONALLY THROUGH THE TONGUE OF THE DECKING MEMBER. NAILS MUST PENETRATE 1–1/2 INCHES INTO SOLID WOOD.
      4) INSTALL WITH TONGUES UP ON SLOPED ROOFS.
3. ROOF SHEATHING:
   a. 7/16" THICK PLYWOOD OR ORIENTED STRAND BOARD COMPLYING WITH STANDARD PS–1 OF THE AMERICAN PLYWOOD ASSOCIATION APA/ANSI A199.1. APPROPRIATE APA STAMP IDENTIFYING FOLLOWING REQUIREMENTS: 24/0 SPAN INDEX RATING, EXTERIOR EXPOSURE, 18 PERCENT MAXIMUM MOISTURE CONTENT WHEN FABRICATED.
   b. INSTALL DIRECTLY OVER WOOD TONGUE AND GROOVE ROOF DECKING IN 4'x8' PANELS AT 45 DEGREES TO DECKING. STAGGER PANEL JOINTS APPROXIMATELY 4'–0" AND GAP JOINTS 1/4 INCH. STAPLE AROUND PERIMETER OF EACH PANEL WITH STAPLES AT 2" O.C. PER LINEAR FOOT. STAPLE WITHIN FIELD OF EACH PANEL WITH (2) ROWS OF STAPLES AT 8" O.C.
   c. PROTECT SHEATHING WITH 30 POUND FELT IMMEDIATELY AFTER INSTALLATION

ROOF SYSTEM

1. 50 YEAR ASPHALT SHINGLE by OWENS CORNING WITH A LIFETIME WARRANTY
2. PROFILE NOMINAL SIZE: 13"x 39 3/8"
3. EXPOSURE: 5 5/8"
4. COLOR AS PER OWNER FROM MANUFACTURERS STANDARD COLOR SELECTION.
5. INSTALL PER MANUFACTURER'S INSTRUCTIONS
6. PROVIDE EDGE AND TERMINATION DETAIL COMPONENTS AS REQUIRED TO OBTAIN MANUFACTURER'S WARRANTY.

STAIN:

1. BEAMS, DECK, AND FASCIA SHALL BE FACTORY STAINED WITH "OLYMPIC" SEMI–TRANSPARENT STAIN. BEAMS AND FASCIA TO BE STAINED NO. 708 WALNUT, DECK TO BE STAINED NO. 911 CAPE COD GRAY OR AS SELECTED BY OWNER.

ELASTOMERIC JOINT SEALANTS:

1. PROVIDE SIKASIL–728 NS NON–SAG SILICONE SEALANT AT SAW CUT JOINTS AND COLD JOINTS.
2. PROVIDE DOW CORNING 791 SILICONE WEATHERPROOFING SEALANT AT COLUMN/CONCRETE JOINT.
3. CLEAN AND PREPARE SURFACES.
4. USE PROPER PRIMER AND BACKING MATERIALS AS REQUIRED TO INSTALL SEALANTS.
5. PROVIDE MASKING AND TEST STRIPS AS NEEDED.
6. INSTALL ALL RELATED SEALANTS AND MATERIALS AS PER THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.

PLUMBING AND ELECTRICAL: (BY OTHERS)

1. COORDINATE PLUMBING AND ELECTRICAL REQUIREMENTS WITH ARCHITECTURAL AND CITE PLANS, BY OTHERS.

Supplier:

SMITH STEELWORKS

PROFESSIONAL ENGINEER
DOUGLAS M. FARLEY
No.318831
04/04/2025
STATE OF UTAH

30'x60' Glulam Pavilian
Kit 1 Option A
2107 East Heritage Drive
Spanish Fork, Utah

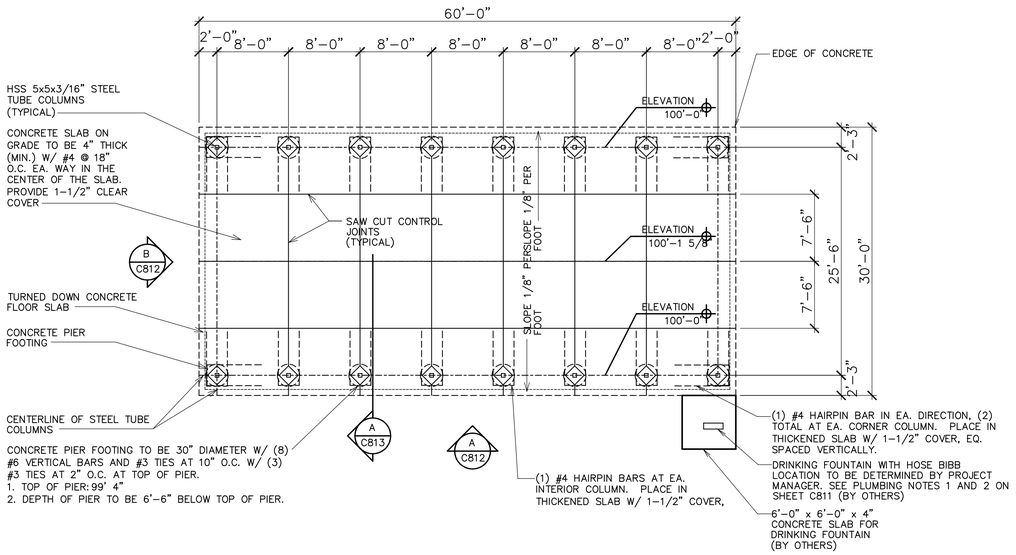
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (m.d.y)	Description

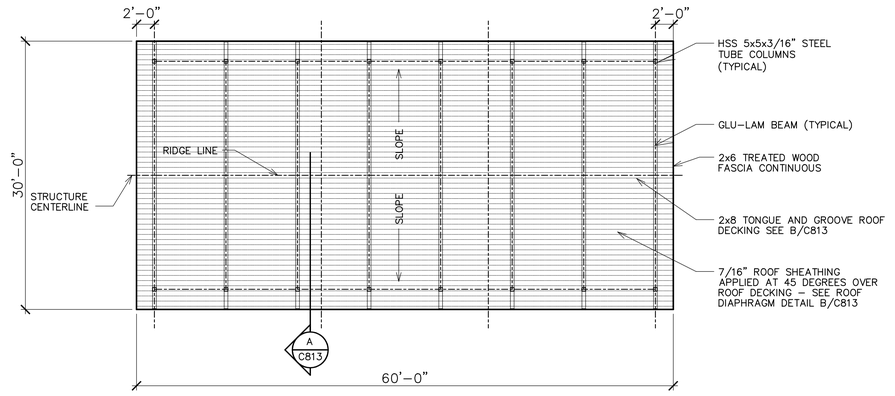
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Plan Series:
Property Number:

Sheet Title:
PLAN VIEWS

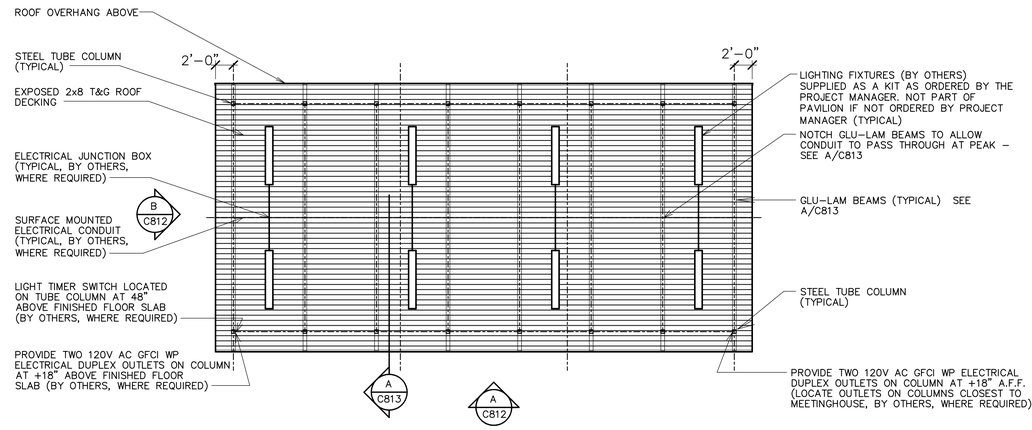
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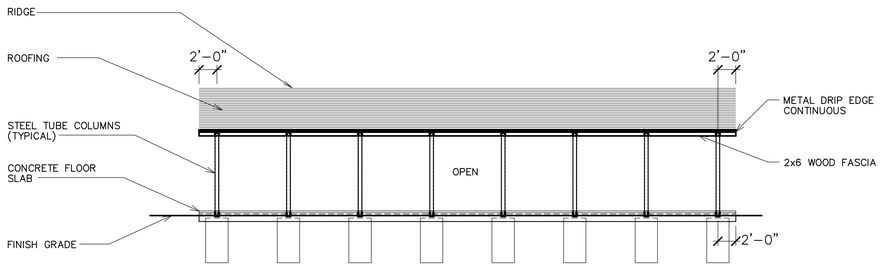
1 FLOOR PLAN
SCALE: 1/8" = 1'-0"



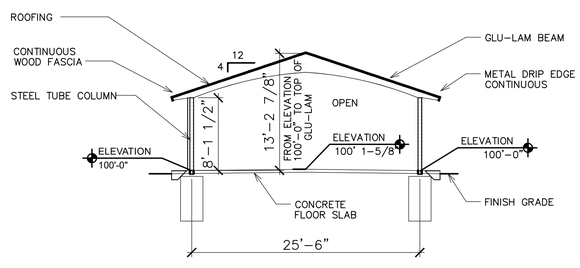
2 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



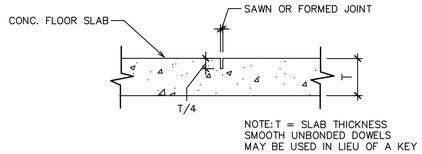
3 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



A SIDE ELEVATION
SCALE: 1/8" = 1'-0"



B END ELEVATION
SCALE: 1/4" = 1'-0"



4 CONTROL JOINT DETAIL
SCALE: 1 1/2" = 1'-0"

Supplier:

SMITH STEELWORKS

Stamp/Signature:

PROFESSIONAL ENGINEER
DOUGLAS M. FARLEY
No.318831
04/04/2025
STATE OF UTAH

30'x60' Glulam Pavilion
Kit 1 Option A
2107 East Heritage Drive
Spanish Fork, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (GMT)	Description

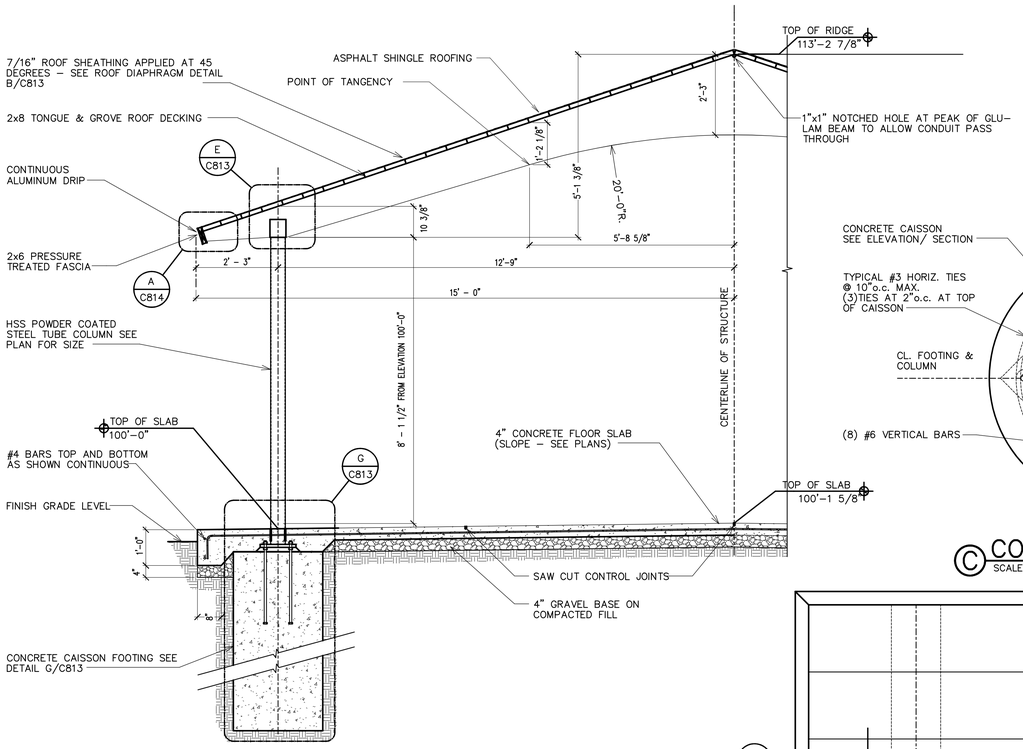
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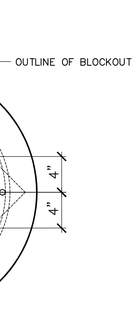
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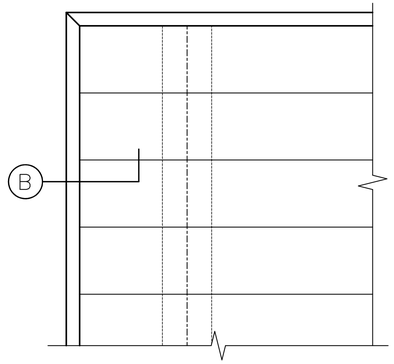
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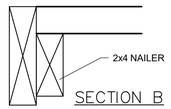


A SECTION
SCALE: 1/2" = 1'-0"



C COLUMN DETAIL
SCALE: 1/2" = 1'-0"

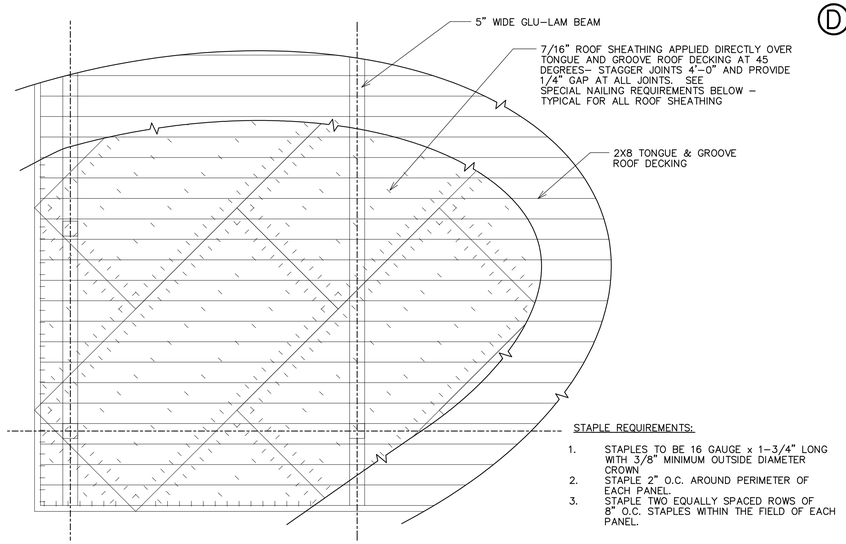




SECTION B

MITER ENDS OF FASCIA AT CORNERS. BUTT FASCIA ONLY AT BEAM ENDS. FASTEN FASCIA TO BEAMS W/ (3) 10d NAILS AT EACH JUNCTION AND TO DECK @ 12"o.c. (SIDES) AND 6 3/4" o.c. (ENDS)

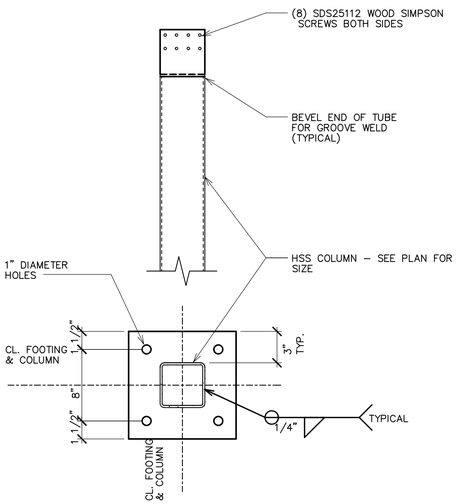
D DECK PLAN AT CORNERS
SCALE: 1 1/2" = 1'-0"



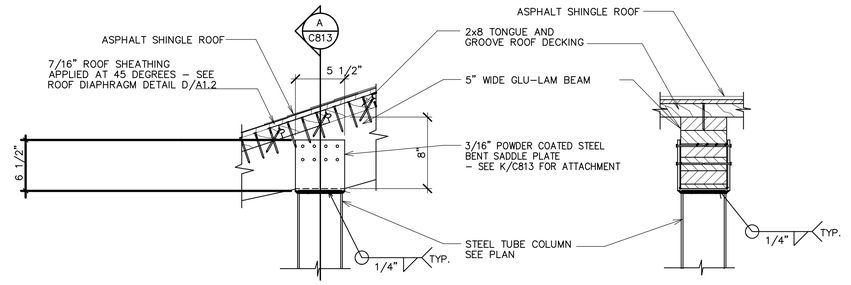
STAPLE REQUIREMENTS:

1. STAPLES TO BE 16 GAUGE x 1-3/4" LONG WITH 3/8" MINIMUM OUTSIDE DIAMETER CROWN
2. STAPLE 2" O.C. AROUND PERIMETER OF EACH PANEL.
3. STAPLE TWO EQUALLY SPACED ROWS OF 8" O.C. STAPLES WITHIN THE FIELD OF EACH PANEL.

B ROOF DIAPHRAGM DETAIL
SCALE: NONE

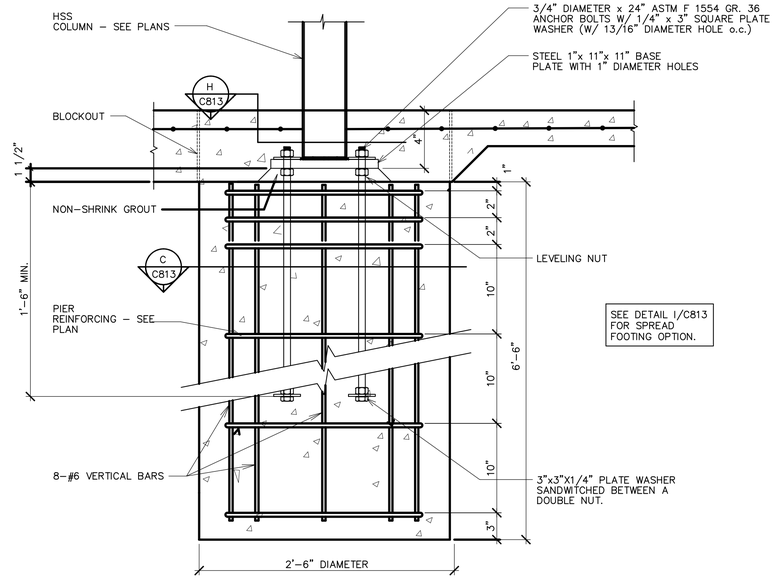


H COLUMN DETAIL
SCALE: 1/2" = 1'-0"

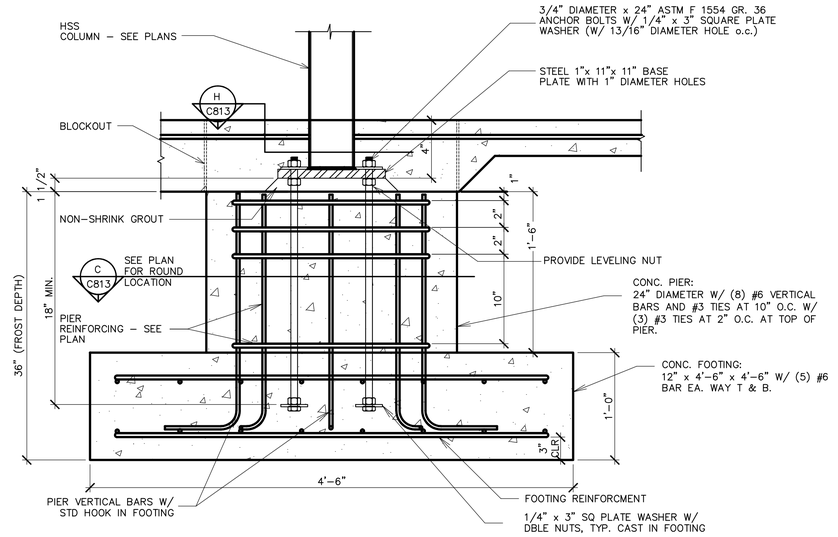


E CONNECTION
SCALE: 1 1/2" = 1'-0"

F CONNECTION
SCALE: 1 1/2" = 1'-0"



G CAISON FOOTING
SCALE: 1/2" = 1'-0"



I COLUMN DETAIL
SCALE: 1 1/2" = 1'-0"

Supplier:

SMITH STEELWORKS

Stamp: PROFESSIONAL STRUCTURAL ENGINEER DOUGLAS M. FARLEY No.318831 04/04/2025 STATE OF UTAH

30'x60' Glulam Pavilian
Kit 1 Option A
2107 East Heritage Drive
Spanish Fork, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (DAY/)	Description

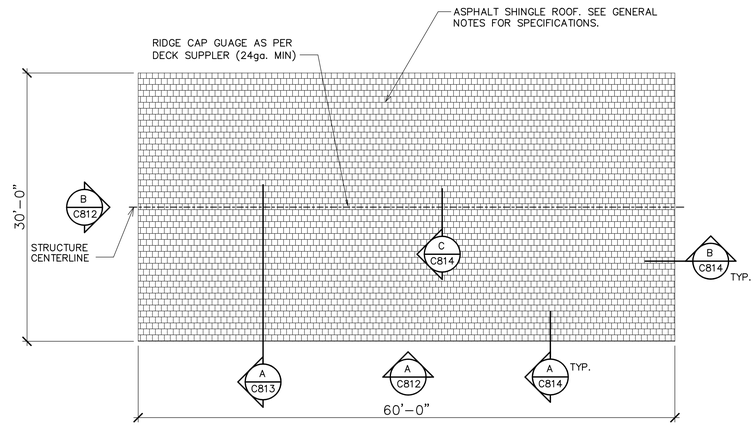
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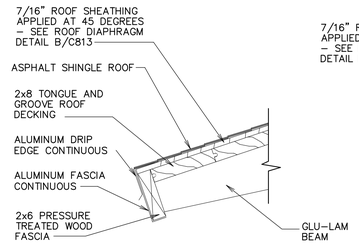
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SECTION AND DETAIL VIEWS

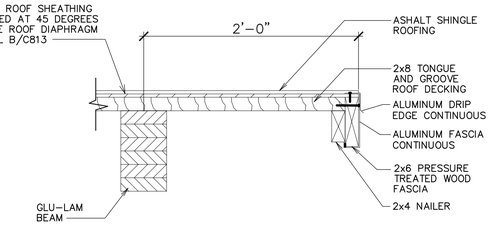
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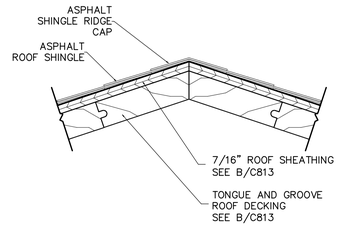
1 ROOF PLAN
SCALE: 1/8" = 1'-0"



A FASCIA DETAIL
SCALE: 1 1/2" = 1'-0"



B RAKE DETAIL
SCALE: 1 1/2" = 1'-0"



C RIDGE CAP DETAIL
SCALE: 3" = 1'-0"

Supplier:

SMITH STEELWORKS

Stamp:

PROFESSIONAL ENGINEER
DOUGLAS M. FARLEY
No.318831
04/04/2025
STATE OF UTAH

30'x60' Glulam Pavilian
Kit 1 Option A
2107 East Heritage Drive
Spanish Fork, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (DD/MM/YY)	Description

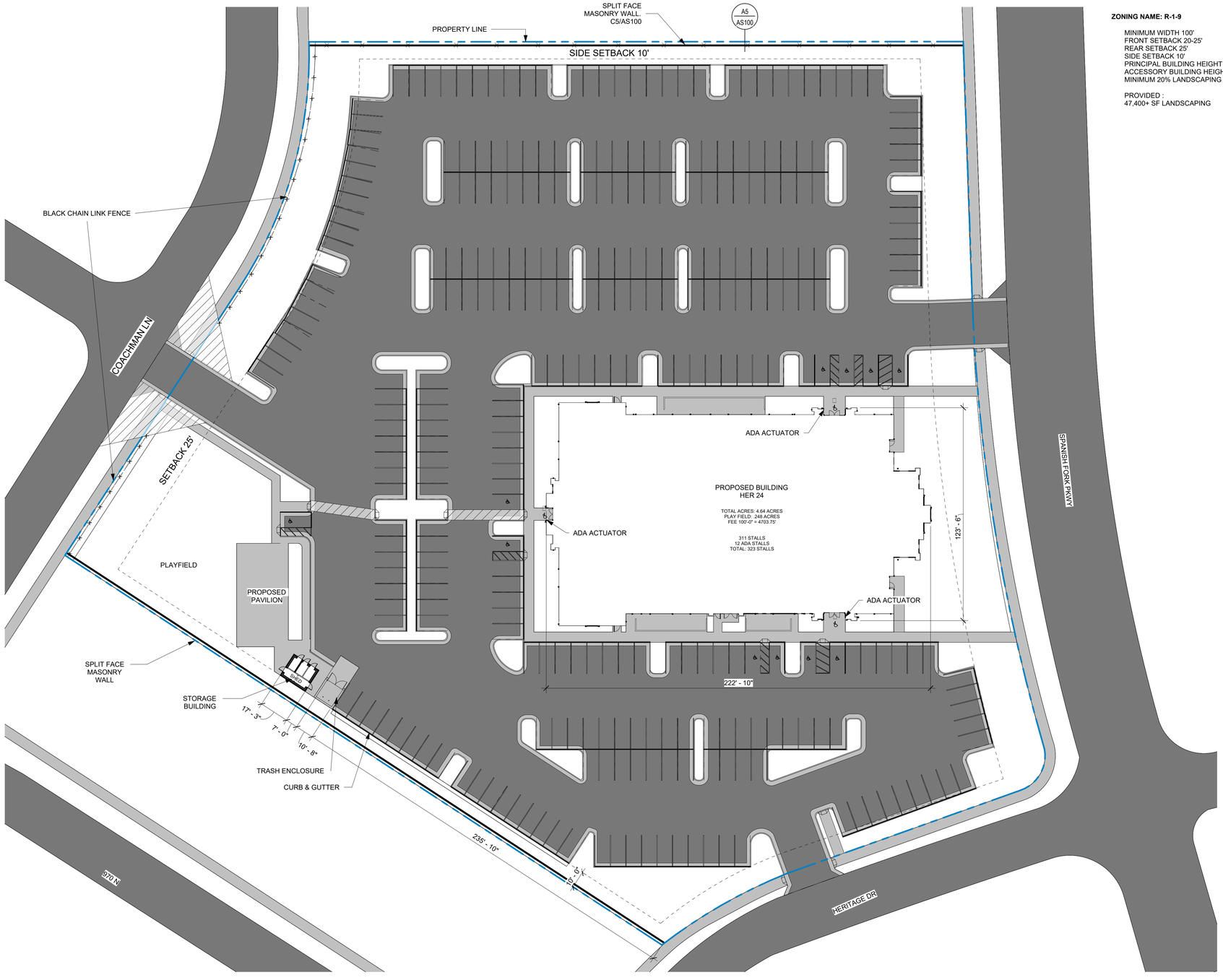
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Plan Series:

Property Number:

Sheet Title:
ROOF VIEWS AND DETAILS

Sheet:
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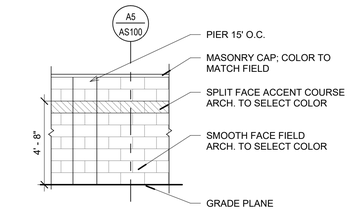


ZONING NAME: R-1-9

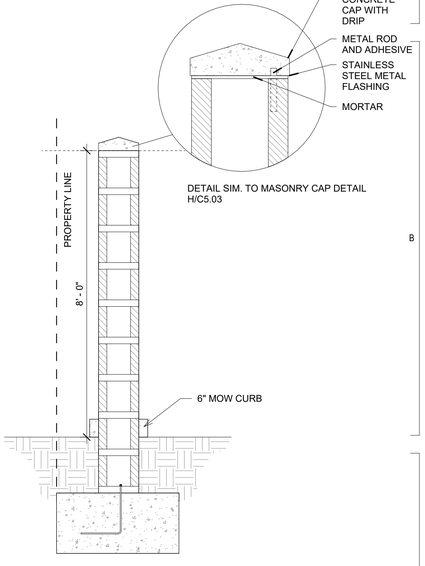
MINIMUM WIDTH 100'
FRONT SETBACK 20-25'
REAR SETBACK 25'
SIDE SETBACK 10'
PRINCIPAL BUILDING HEIGHT 35'
ACCESSORY BUILDING HEIGHT 15'
MINIMUM 20% LANDSCAPING = 40,521 SF

PROVIDED :
47,400+ SF LANDSCAPING

A1 PLAN - SITE - OVERALL
1" = 30'-0"



C5 CMU PRIVACY FENCE ELEVATION
1/4" = 1'-0"



A5 MASONRY FENCE SECTION
1/2" = 1'-0"

uncommon architects
684 W Center St
Midvale, UT 84047
uncommonarch.com
(801) 417-9951

STATE OF UTAH
ROBERT JOHNSON
No. 8595188-0301
LICENSED ARCHITECT
02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

ARCHITECTURAL SITE PLAN

AS100

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SLAB PLAN LEGEND

SLOPED TO FLOOR DRAIN

RECESSED SLAB

GENERAL NOTES

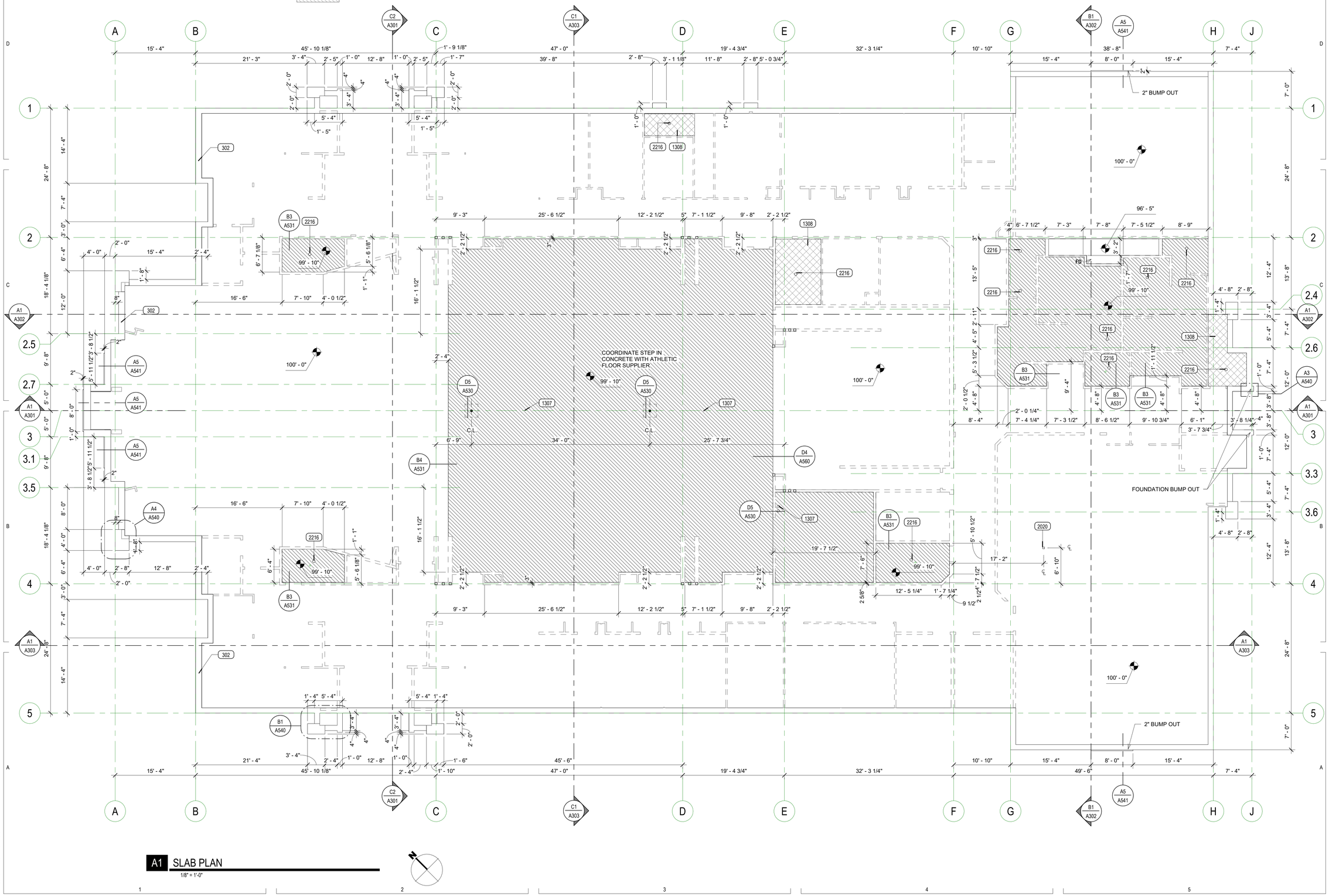
PRIOR TO PROCEEDING WITH CONSTRUCTION, REMOVAL OF ALL NON-ENGINEERED FILLS, TOPSOIL, SURFACE VEGETATION, ROOF SYSTEMS, AND ANY DELETERIOUS MATERIALS FROM BENEATH AN AREA EXTENDING OUT PER RECOMMENDATIONS OF GEOTECHNICAL REPORT.

DIMENSION NOTES

1. DIMENSIONS ARE GIVEN TO EXTERIOR FACE OF FOUNDATION WALL UNO
2. DIMENSIONS ARE TO FACE OF STUD UNO
3. TOP OF FOUNDATION WALL TO BE AT 100' - 0" UNO

KEYNOTE

302	CONCRETE FOUNDATION WALL. SEE STRUCTURAL
1307	VOLLEYBALL POLE INSERTS
1308	FLOOR SLOPED TO DRAIN
2020	FLOOR BOX LOCATION. SEE ELECTRICAL
2216	FLOOR DRAIN. SEE PLUMBING



A1 SLAB PLAN

1/8" = 1'-0"

uncommon architects

684 W Center St
Midvale, UT 84047

uncommonarch.com
(801) 417-9951

STATE OF UTAH
ROBERT BRIAN JOHNSON
No. 8505169-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

SLAB PLAN - LEVEL 01

A110.0

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DIMENSION NOTES

1. DIMENSIONS ARE GIVEN TO EXTERIOR FACE OF FOUNDATION WALL UNO
2. DIMENSIONS ARE TO FACE OF STUD UNO
3. TOP OF FOUNDATION WALL TO BE AT 100' - 0" UNO

ADA PUSH BOTTON DOOR OPENER
MIR
BISHOP 136
CLERK 138
WAITING 134
VESTIBULE 131
CLERK 143
WAITING 140
BISHOP 142
ROOM 144
ROOM 146
FIRE RISER 141
INTERVIEW 148
STAIR 140
SERVING AREA 150
PASS THROUGH DOOR
ROOM 152
ROOM 154
ROOM 156
MOTHER'S ROOM 157
ROOM 124
FOYER 135
VESTIBULE 132
TECHNOLOGY 133
FAMILY RESTROOM 137
FEC
HALLWAY 130
CUSTODIAL 151
RESOURCE CENTER 153
ROOM 155
FONT 110
MEN. RESTROOM 104
WOMEN RESTROOM 108
FAMILY RESTROOM 106
SNOW STORAGE 102
ACOUSTICAL PANELS. SEE DETAIL A5 / A531.
SAFETY PAD BEHIND EACH BASKETBALL STANDARD. SEE DETAIL A4 / A531.
ROSTRUM 190
VOLLEYBALL POLE INSERTS
CULTURAL CENTER 192
CULTURAL CENTER 193
PLATFORM 195
HALLWAY 120
FOYER 110
VESTIBULE 101
INTERVIEW 103
WAITING 105
HIGH COUNCIL 111
STAKE PRESIDENT 107
CLERK 109
STORAGE 196
INTERVIEW 123
FAMILY RESTROOM 121
SACRAMENT PREPARATION 163
FAMILY RESTROOM 167
BISHOP 166
CLERK 168
WAITING 164
FOYER 165
VESTIBULE 162
WAITING 170
BISHOP 172
CLERK 173
ROOM 174
ROOM 176
ROOM 178
ROOM 180
ROOM 182
ROOM 184
ROOM 186
ROOM 188
ROOM 122
HALLWAY 160
SIM
Sim D3
TYP.
TYP

A1 PLAN - LEVEL 01
1/8" = 1'-0"

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uncommonarch.com
(801) 417-9951

STATE OF UTAH
JOSHUA P. JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

ANNOTATED PLAN - LEVEL 01

A110.1

REFLECTED CEILING PLAN LEGEND

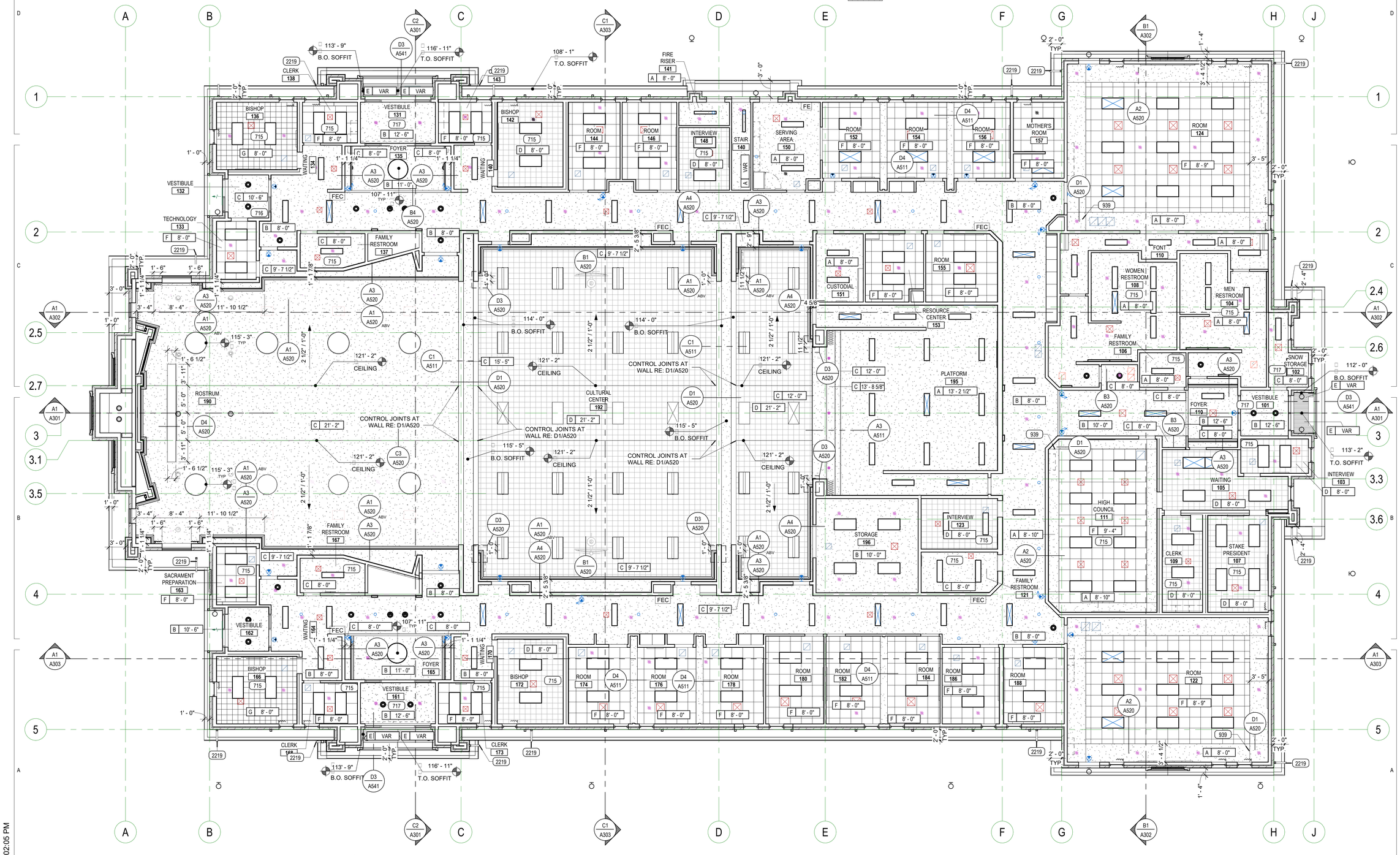
- LIGHTING FIXTURES
- FIRE SPRINKLER HEAD
- FOLDING PARTITION
- RETURN/TRANSFER AIR GRILLE
- SUPPLY AIR DIFFUSER

KEYNOTE

715	INSULATE THE ROOM CEILING ABOVE FOR SOUND CONTROL (R-19)
716	INSULATE ABOVE CEILING FOR FREEZE PREVENTION (R-19)
717	INSULATE AND TOTALLY FILL VOID UP TO ROOF FOR FREEZE AND FIRE PROTECTION
939	GYPSUM BOARD CONTROL JOINTS
2219	ROOF DOWNSPOUTS, TO 3" UNDERGROUND PIPE. SEE A190 FOR DOWNSPOUTS LOCATION

CEILING FINISH SCHEDULE

- A. SUSPENDED GYP BOARD CEILING
- B. GYP BOARD CEILING ATTACHED TO STRUCTURE ABOVE W/ SKIP TROWEL FINISH
- C. GYP BOARD CEILING ATTACHED TO STRUCTURE ABOVE
- D. 1'X1' SUSPENDED GYP BOARD CEILING W/ GLUE-ON ACOUSTICAL TILE
- E. METAL SOFFIT
- F. 2' X 2' TEGULAR TILE CEILING



WALL TYPE PLAN NOTES

1. SEE SHEET A500 FOR WALL TYPE DESCRIPTIONS

- - - - - - - PROVIDE ACOUSTICAL INSULATION BATTS FILLING STUD CAVITY. THESE PARTITIONS HAVE A MINIMUM STC RATING. REFER TO SPECIFICATIONS FOR REQUIRED STC RATING.

2. WALL TAGS ARE LOCATED AT THE FACE OF WALL ASSEMBLY AND INDICATE THE DIRECTION OF THE LAYERS

ADD SECOND LAYER OF THE GYP ON DRINKING FOUNTAIN SIDE AND TO COORDINATE WITH DOOR FRAME WIDTH.

ADD SECOND LAYER OF THE GYP ON DRINKING FOUNTAIN SIDE AND TO COORDINATE WITH DOOR FRAME WIDTH.

W4B ABOVE

A1 WALL PLAN - LEVEL 01

1/8" = 1'-0"

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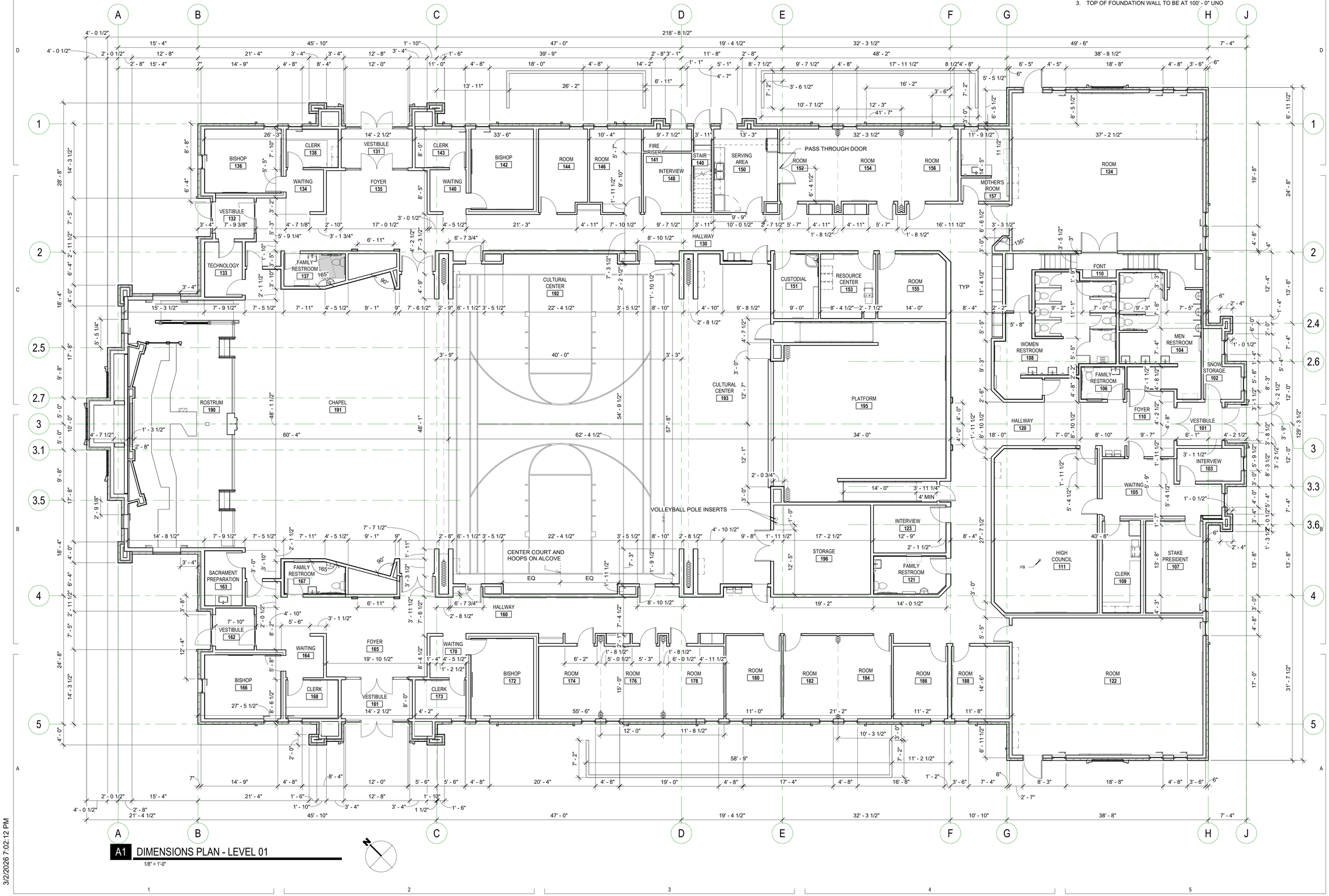
REV	DATE	DESCRIPTION

WALL TYPES PLAN - LEVEL 01

A110.3

DIMENSION NOTES

1. DIMENSIONS ARE GIVEN TO EXTERIOR FACE OF FOUNDATION WALL UNO
2. DIMENSIONS ARE TO FACE OF STUD UNO
3. TOP OF FOUNDATION WALL TO BE AT 100' - 0" UNO



A1 DIMENSIONS PLAN - LEVEL 01

1/8" = 1'-0"

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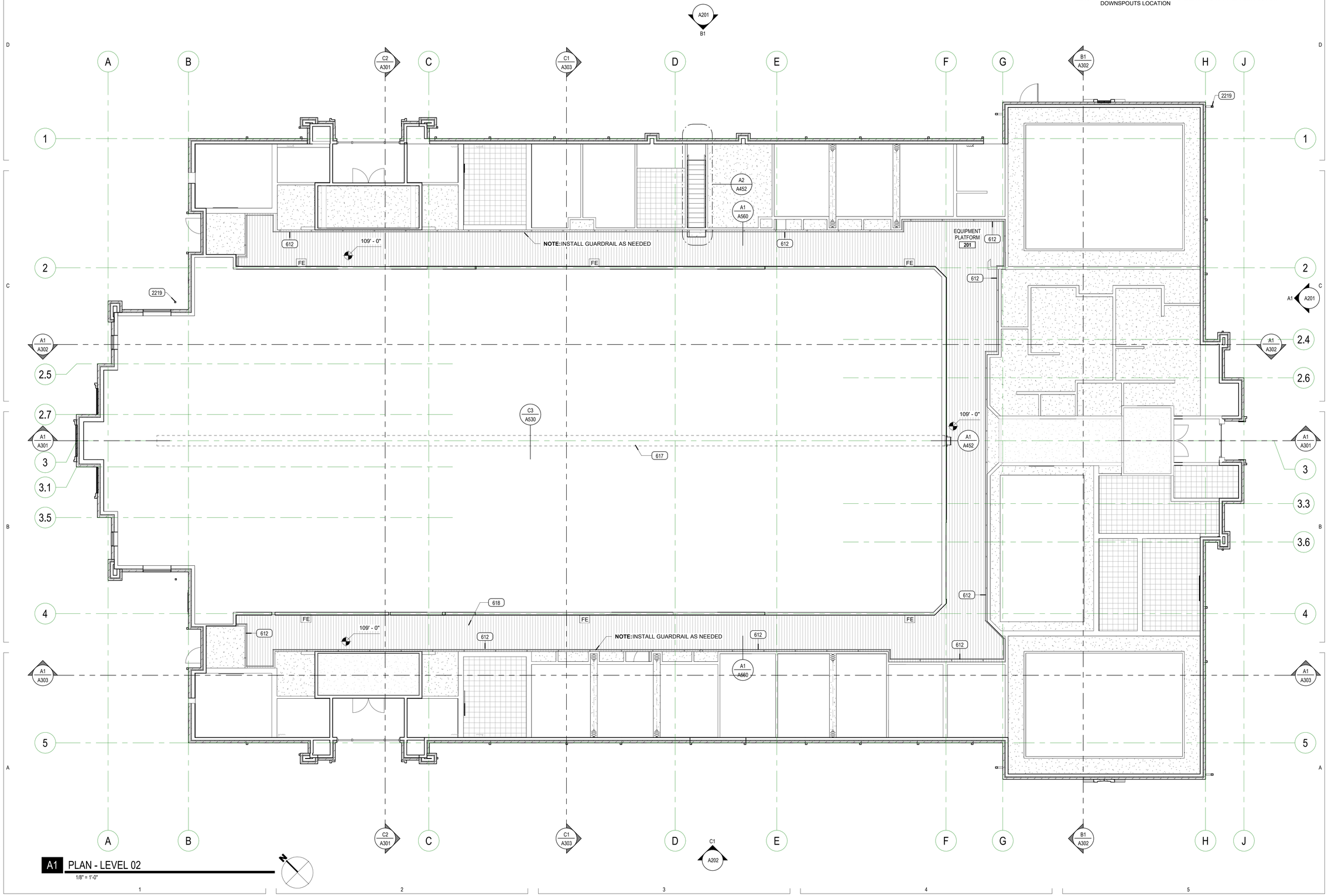
REV	DATE	DESCRIPTION

DIMENSIONS PLAN - LEVEL 01

A110.4

KEYNOTE

612	ATTIC RAILINGS
617	ACCESS WALKWAY. SEE DETAILS
618	SEE MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LAYOUT
2219	ROOF DOWNSPOUTS, TO 3" UNDERGROUND PIPE. SEE A190 FOR DOWNSPOUTS LOCATION



A1 PLAN - LEVEL 02

1/8" = 1'-0"

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REV	DATE	DESCRIPTION

ANNOTATED PLAN - EQUIPMENT PLATFORM

A120.1

ROOF PLAN GENERAL NOTES

1. COORDINATE LOCATIONS OF ROOF PENETRATIONS WITH THE MECHANICAL SUSTEM.

2. CONTRACTOR TO PAINT VENTS AND COMBUSTION PIPING TO MATCH ROOFING COLOR. SEE SPECIFICATIONS

KEYNOTE

07-14

705	COMPOSITE ASPHALT SHINGLES ROOF. SEE EXTERIOR MATERIALS LEGEND
710	STEEPLE, SEE ELEVATIONS(SHEET A541&A542)
711	CONTINUOUS RIDGE VENT.
2218	METAL GUTTER TO SLOPE TO DOWNSPOUT. SEE PLUMBING
2219	ROOF DOWNSPOUTS, TO 3" UNDERGROUND PIPE. SEE A190 FOR DOWNSPOUTS LOCATION
3209	LINE OF WALL BELOW ROOF, SEE OVERALL AND ENLARGED PLANS

A1 OVERALL ROOF PLAN

1/8" = 1'-0"

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OVERALL ROOF PLAN - LEVEL 01

A190

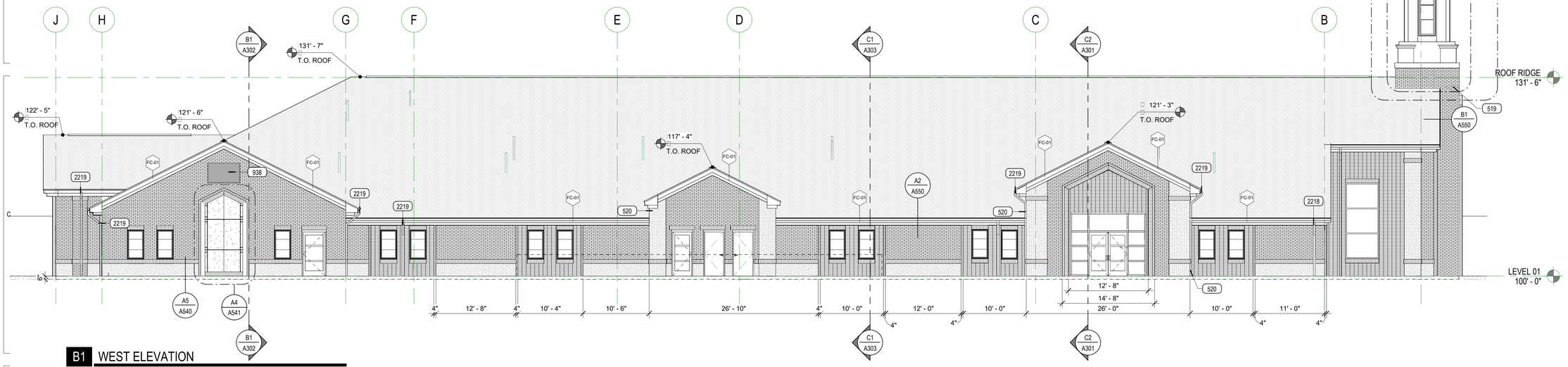
EXTERIOR MATERIAL LEGEND

	RUNNING BOND BRICK. TEXTURE: MATTE, COLOR: HAMPTON BLEND		RUNNING BOND BRICK. TEXTURE: MATTE, COLOR: HAMPTON BLEND
	STACK BOND BRICK. TEXTURE: MATTE, COLOR: HAMPTON BLEND		SOLDIER COURSE BRICK. TEXTURE: MATTE, COLOR: HAMPTON BLEND

RF-01	ASPHALT SHINGLE ROOF - WEATHERED WOOD
EF-01	DRYVIT EIFS ACCENT AND TRIM - COLOR: TBD PROVIDE SAMPLES
FC-01	METAL FASCIA - BONE WHITE (INCLUDES FASCIA SOFFIT, LOUVERS, DRIP EDGE)

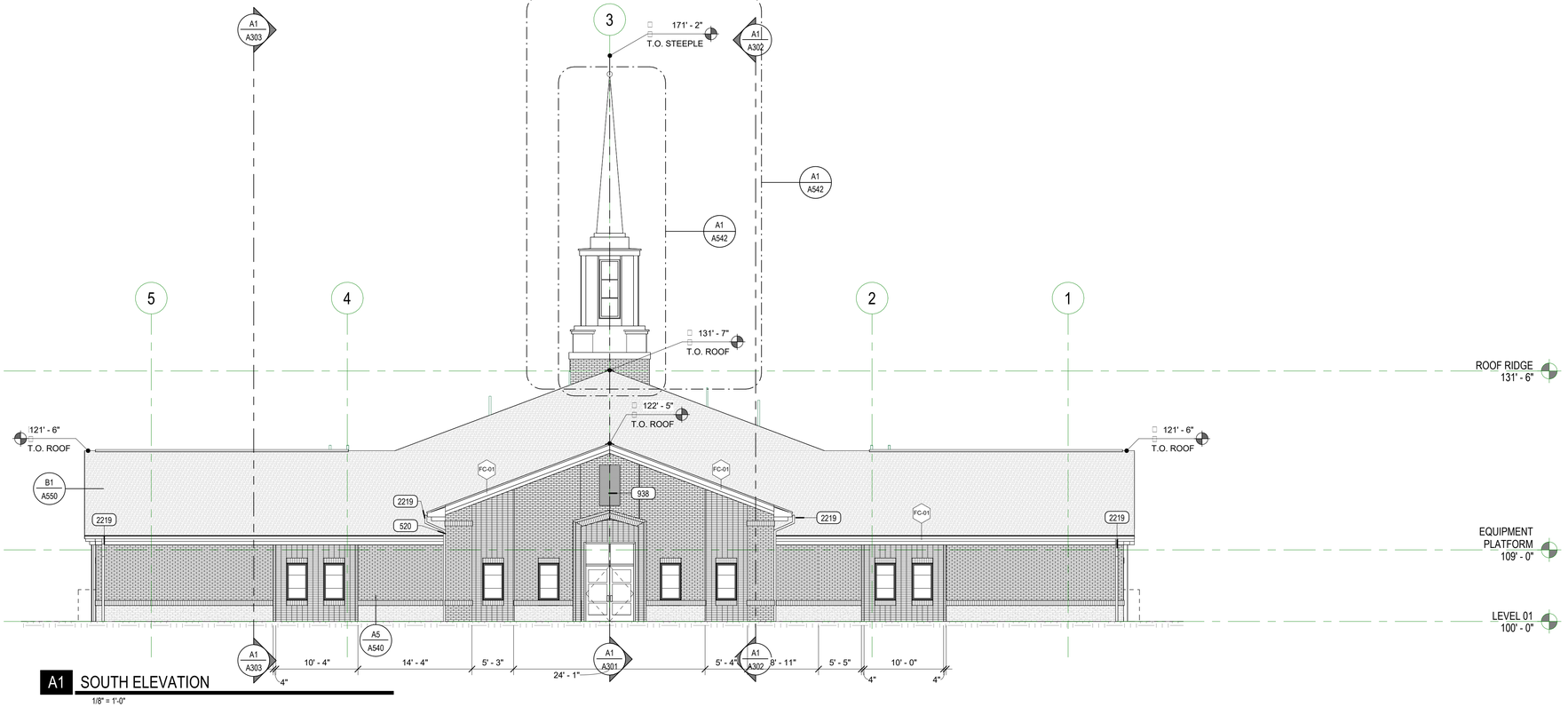
KEYNOTE

519	INSTALL STEEL ANGLE LINTEL AT 30'-0" MAX. HT. ABOVE THE FOUNDATION. INSTALL LINTEL AT A GROUT LINE SO THAT IT IS CONCEALED BY THE GROUT
520	INSTALL STEEL ANGLE LINTEL TO SUPPORT BRICK AT WALL RETURNS LOCATED ABOVE ROOF LINE, TYP
938	MECHANICAL LOUVER, COLOR TO BE BONE WHITE
2218	METAL GUTTER TO SLOPE TO DOWNSPOUT. SEE PLUMBING
2219	ROOF DOWNSPOUTS, TO 3" UNDERGROUND PIPE. SEE A190 FOR DOWNSPOUTS LOCATION



B1 WEST ELEVATION

1/8" = 1'-0"



A1 SOUTH ELEVATION

1/8" = 1'-0"

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REV	DATE	DESCRIPTION

EXTERIOR ELEVATION

A201

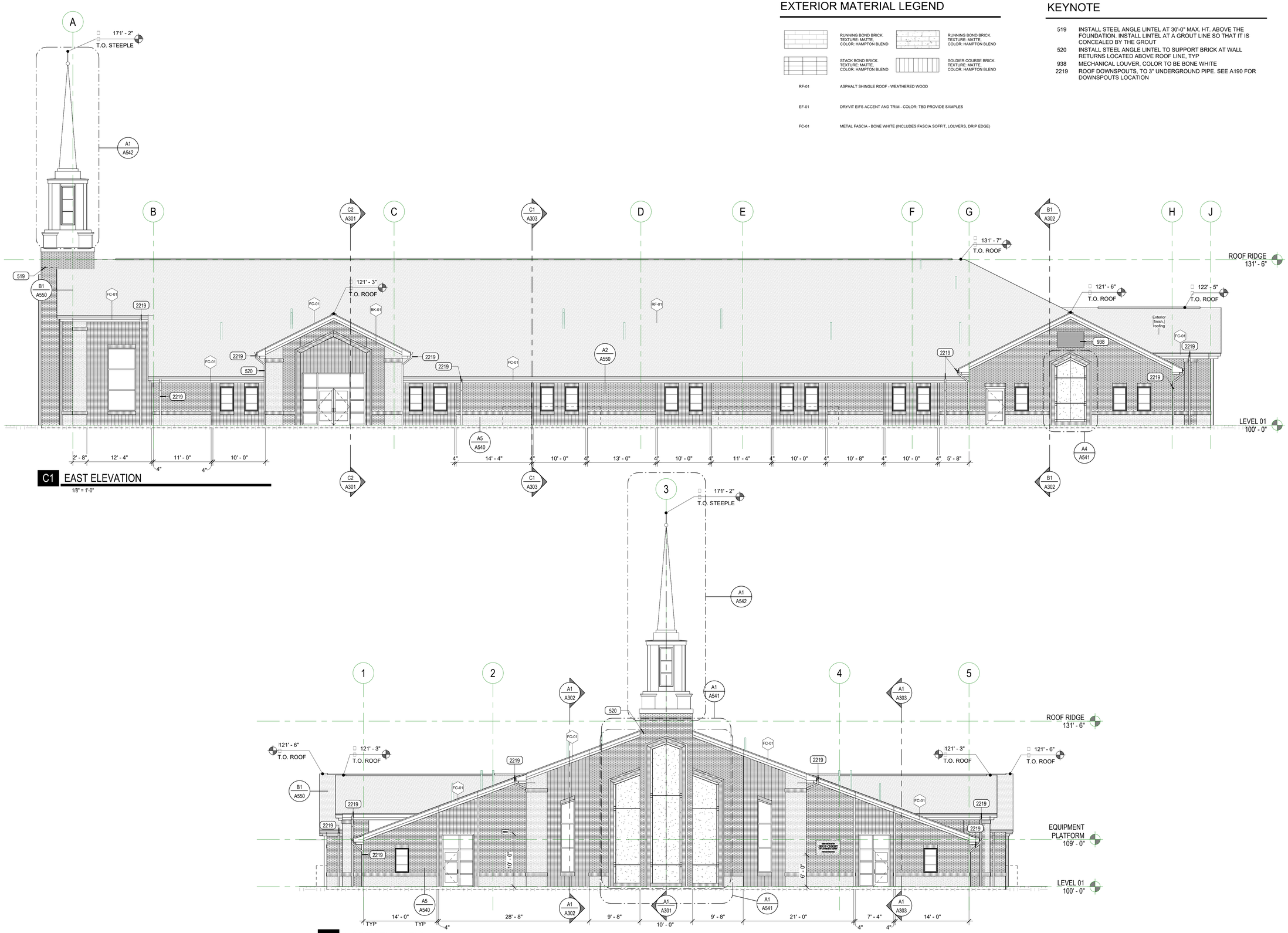
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EXTERIOR MATERIAL LEGEND

	RUNNING BOND BRICK. TEXTURE: MATTE. COLOR: HAMPTON BLEND
	RUNNING BOND BRICK. TEXTURE: MATTE. COLOR: HAMPTON BLEND
	STACK BOND BRICK. TEXTURE: MATTE. COLOR: HAMPTON BLEND
	SOLDIER COURSE BRICK. TEXTURE: MATTE. COLOR: HAMPTON BLEND
RF-01	ASPHALT SHINGLE ROOF - WEATHERED WOOD
EF-01	DRYVIT EIFS ACCENT AND TRIM - COLOR: TBD PROVIDE SAMPLES
FC-01	METAL FASCIA - BONE WHITE (INCLUDES FASCIA SOFFIT, LOUVERS, DRIP EDGE)

KEYNOTE

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938	MECHANICAL LOUVER, COLOR TO BE BONE WHITE
2219	ROOF DOWNSPOUTS, TO 3" UNDERGROUND PIPE. SEE A190 FOR DOWNSPOUTS LOCATION



C1 EAST ELEVATION

1/8" = 1'-0"

A2 NORTH ELEVATION

1/8" = 1'-0"

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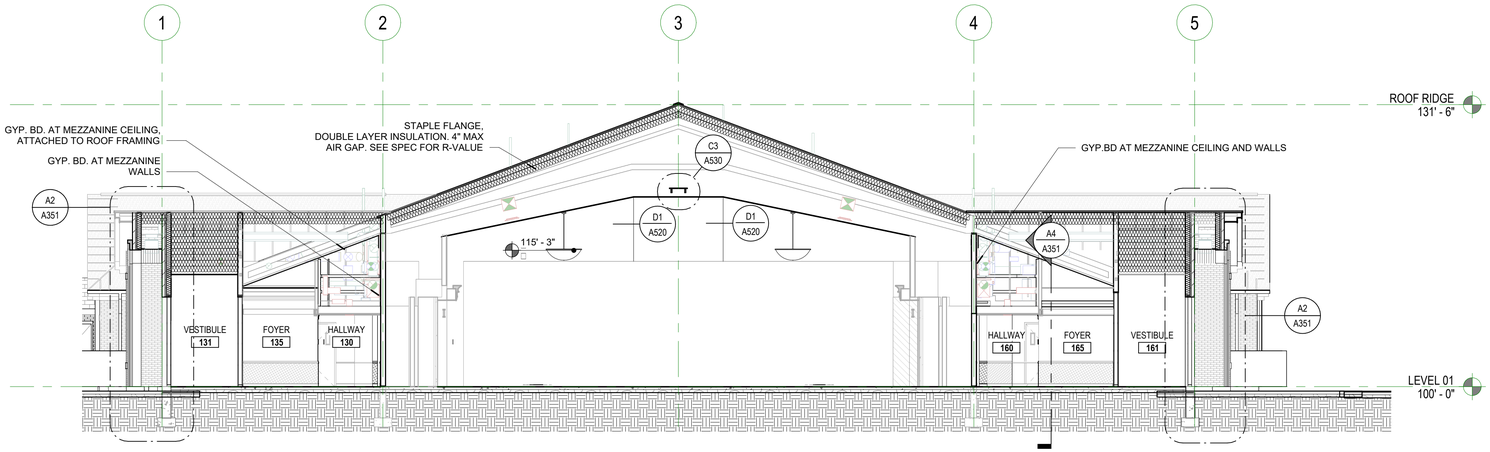
REV	DATE	DESCRIPTION

EXTERIOR ELEVATION

A202

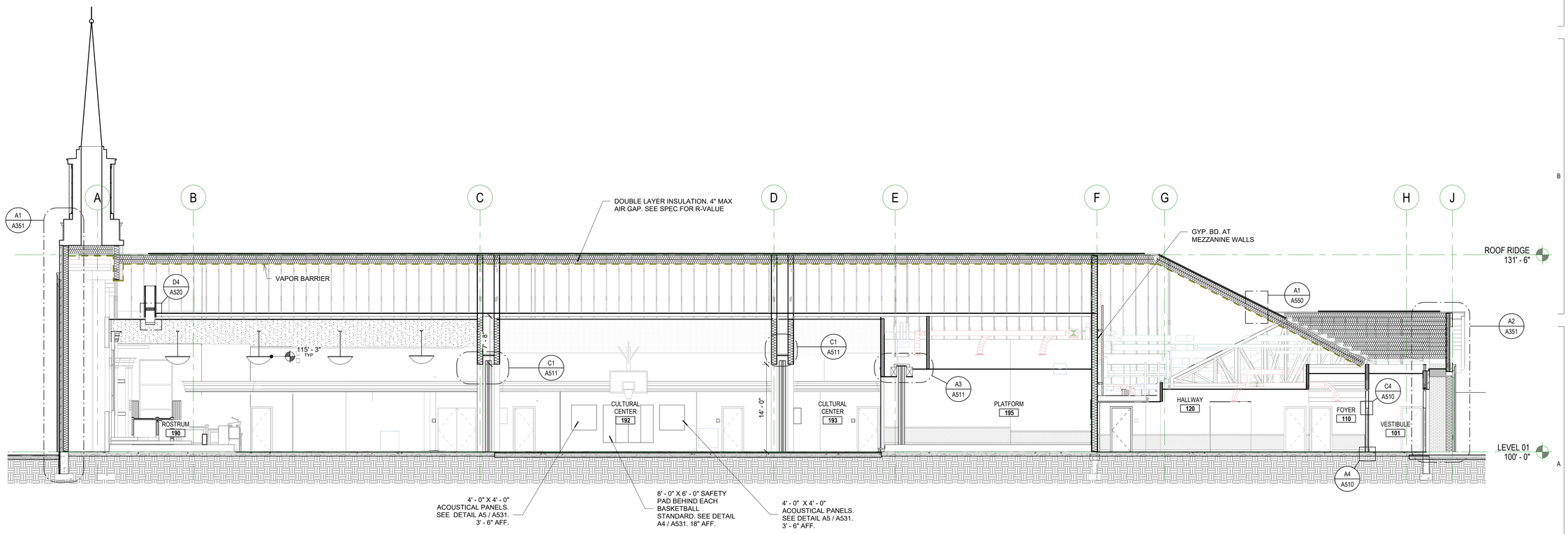
GENERAL NOTES

1. CONTRACTOR TO BE RESPONSIBLE IN COORDINATING TRUSSES, BLOCKING, AND INSULATION DEPTH.



C2 BULDING SECTION # 1

1/8" = 1'-0"



A1 BULDING SECTION # 2

1/8" = 1'-0"

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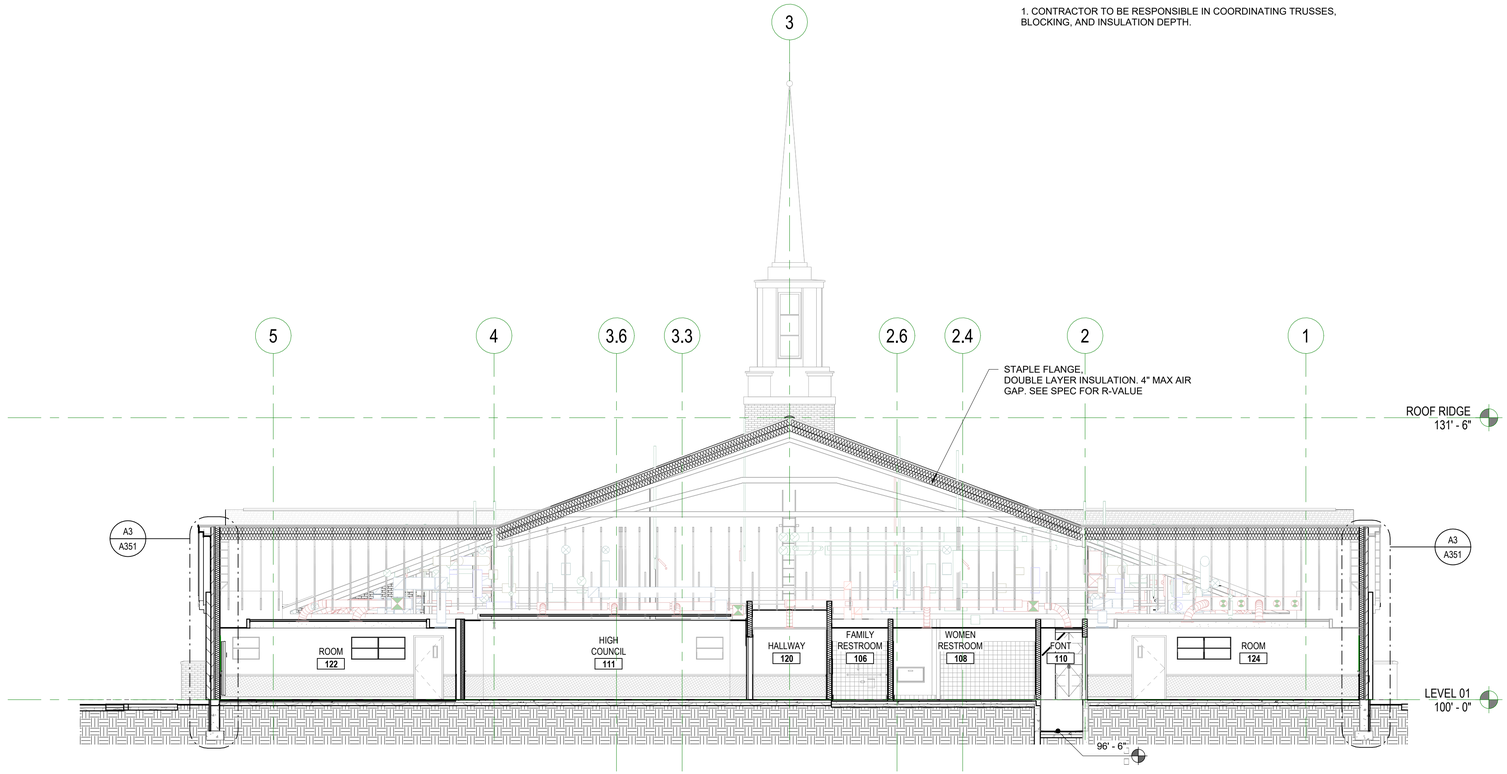
REV	DATE	DESCRIPTION

BUILDING SECTION

A301

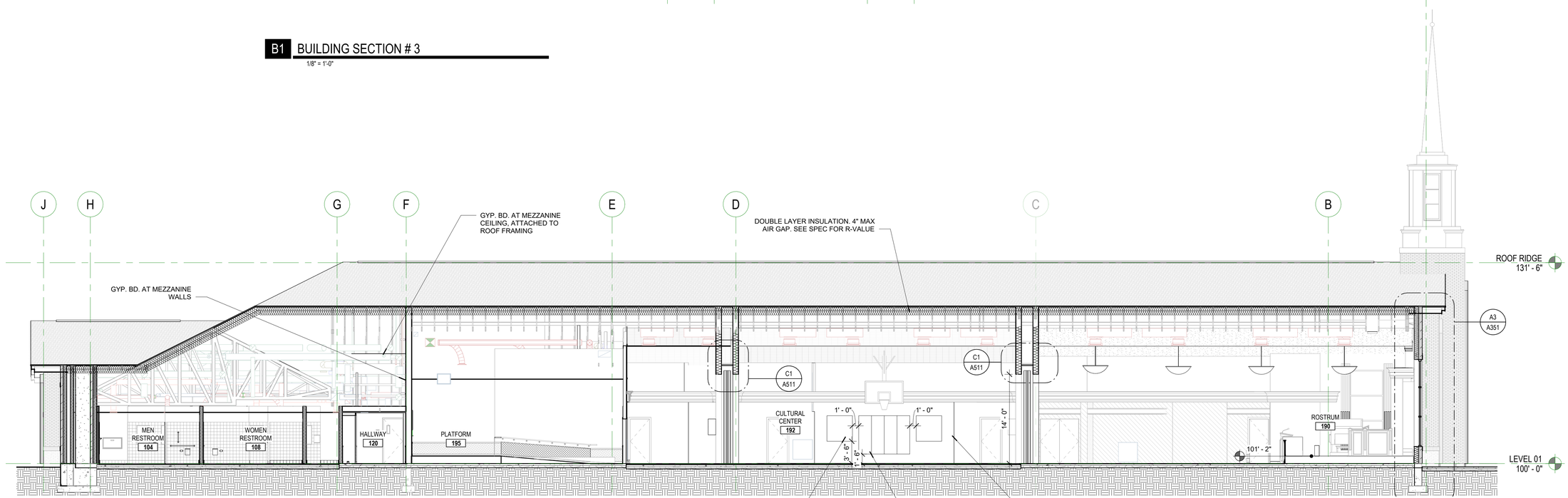
GENERAL NOTES

1. CONTRACTOR TO BE RESPONSIBLE IN COORDINATING TRUSSES, BLOCKING, AND INSULATION DEPTH.



B1 BUILDING SECTION # 3

1/8" = 1'-0"



A1 BUILDING SECTION # 4

1/8" = 1'-0"

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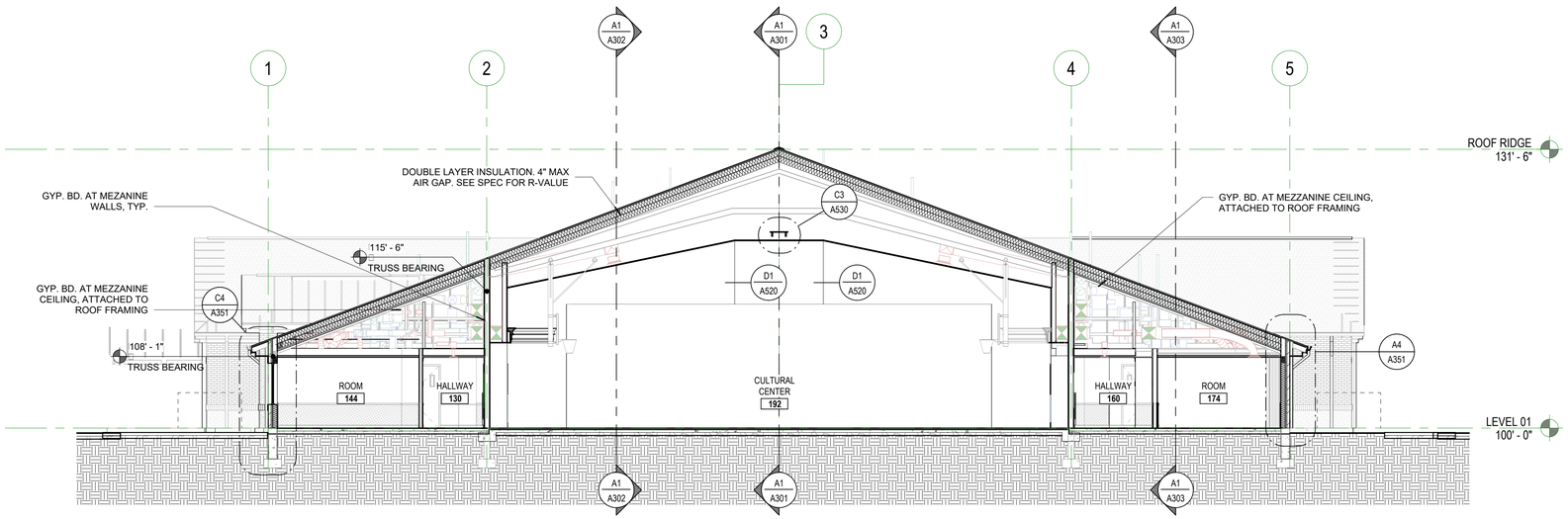
REV	DATE	DESCRIPTION

BUILDING SECTION

A302

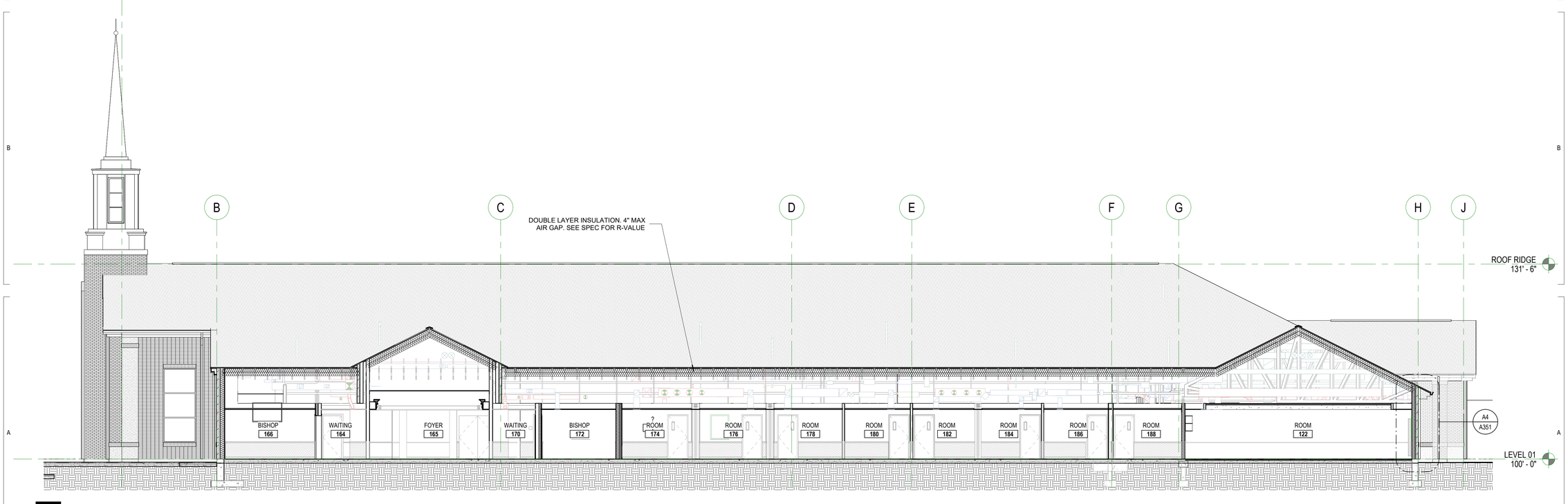
GENERAL NOTES

1. CONTRACTOR TO BE RESPONSIBLE IN COORDINATING TRUSSES, BLOCKING, AND INSULATION DEPTH.



C1 BUILDING SECTION # 5

1/8" = 1'-0"



A1 BUILDING SECTION # 6

1/8" = 1'-0"

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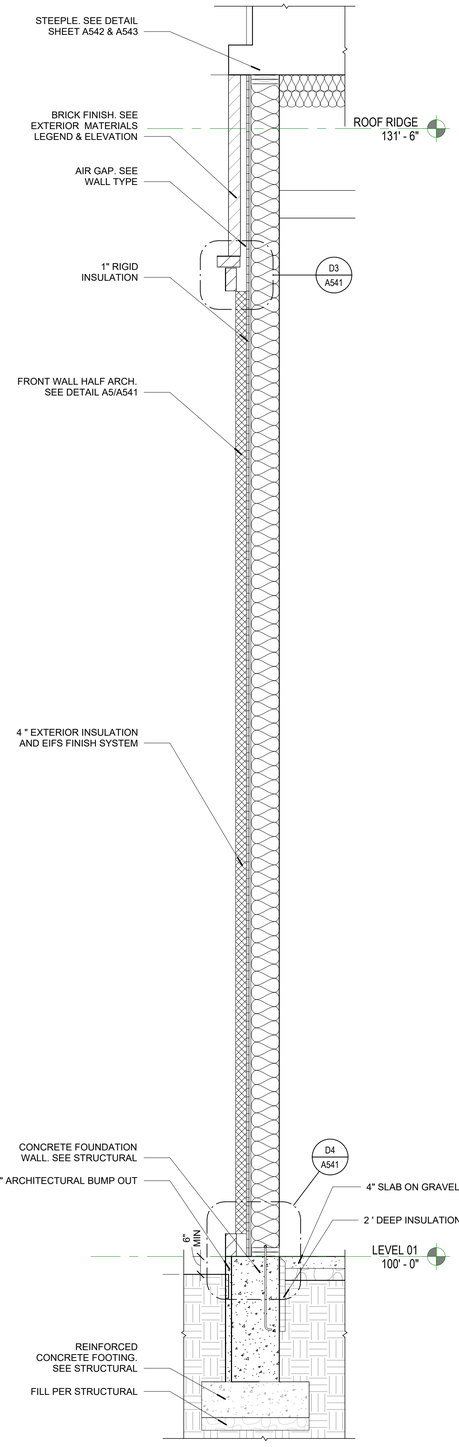
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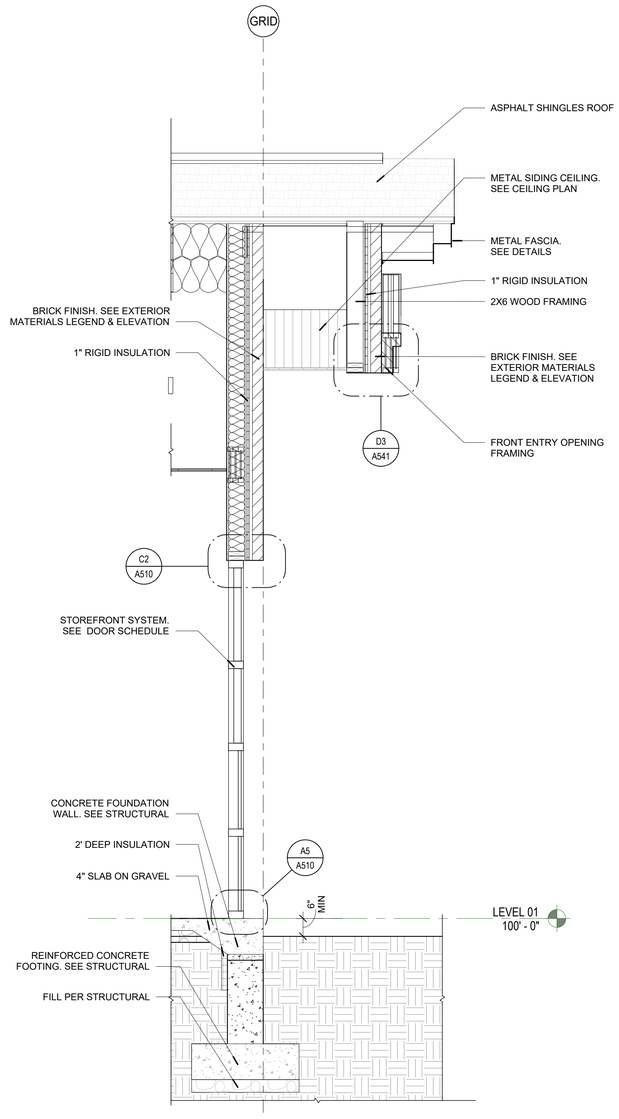
BUILDING SECTION

A303



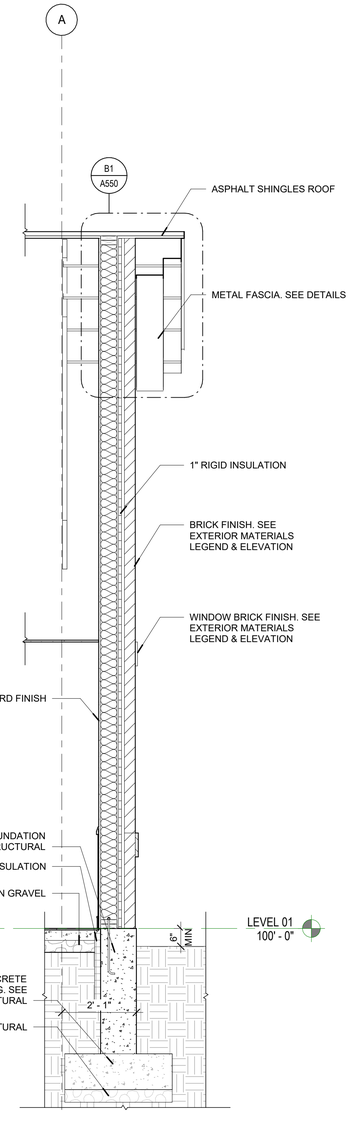
A1 WALL SECTION # 1

1/2" = 1'-0"



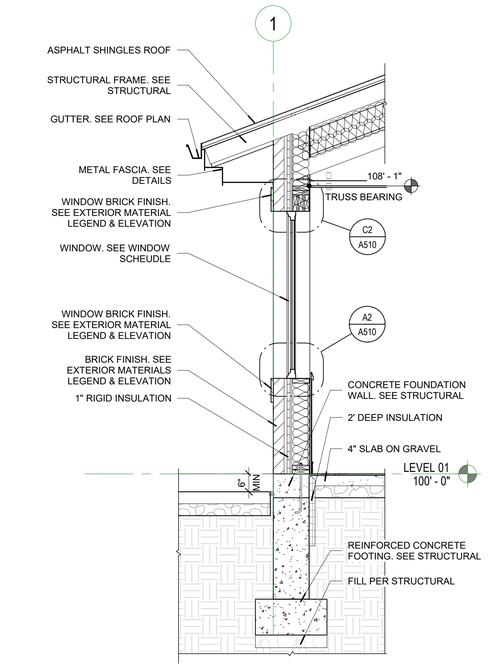
A2 WALL SECTION # 2

1/2" = 1'-0"



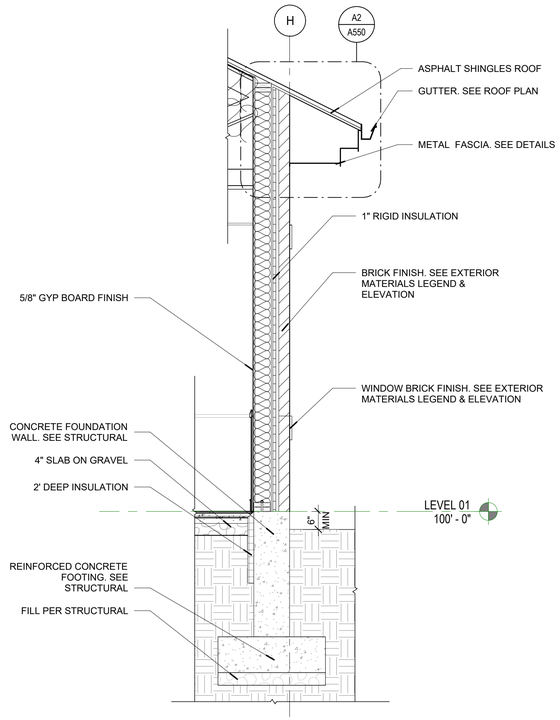
A3 WALL SECTION # 3

1/2" = 1'-0"



C4 WALL SECTION # 5

1/2" = 1'-0"



A4 WALL SECTION # 4

1/2" = 1'-0"

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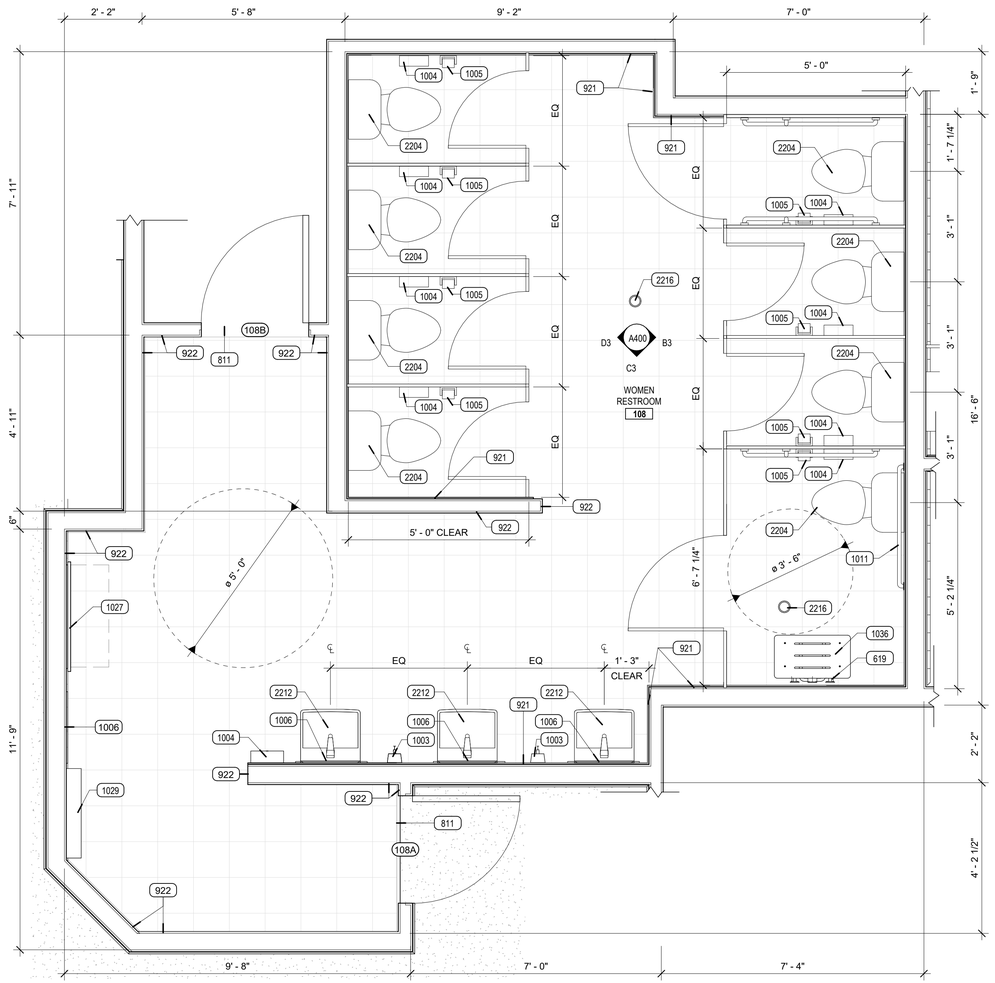
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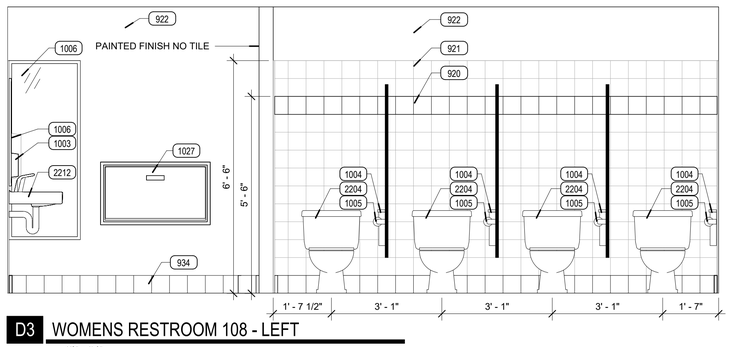
WALL SECTION

A351



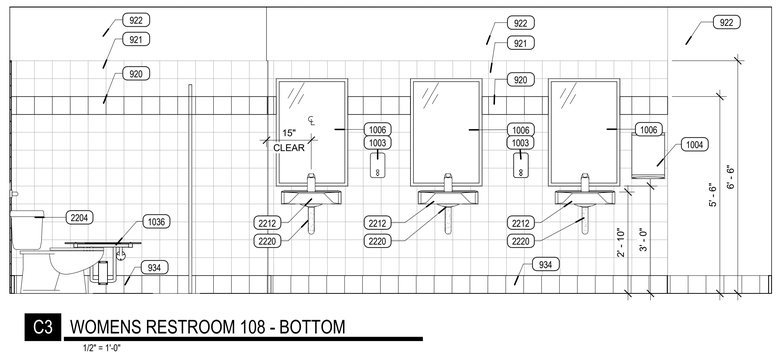
B1 WOMENS RESTROOM 108

1/2" = 1'-0"



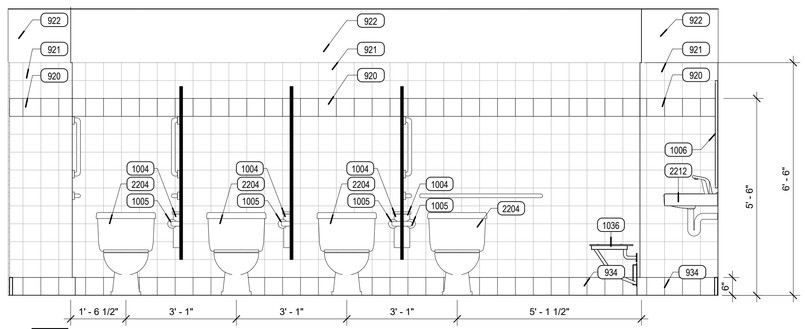
D3 WOMENS RESTROOM 108 - LEFT

1/2" = 1'-0"



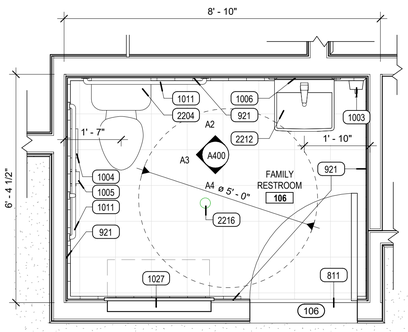
C3 WOMENS RESTROOM 108 - BOTTOM

1/2" = 1'-0"



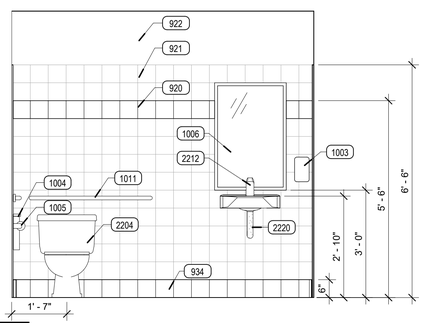
B3 WOMENS RESTROOM 108 - RIGHT

1/2" = 1'-0"



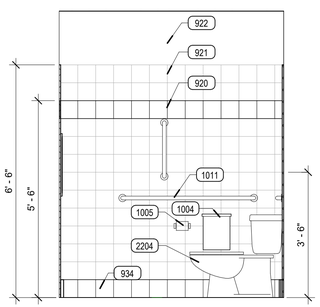
A1 FAMILY RESTROOM 106

1/2" = 1'-0"



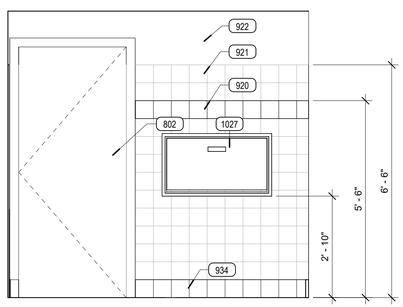
A2 FAMILY RESTROOM 106 - TOP

1/2" = 1'-0"



A3 FAMILY RESTROOM 106 - LEFT

1/2" = 1'-0"



A4 FAMILY RESTROOM 106 - BOTTOM

1/2" = 1'-0"

KEYNOTE

619	ROBE HOOK
802	DOOR AND/OR WINDOW SYSTEM. SEE DOOR AND WINDOW SCHEDULES
811	STONE THRESHOLDS. SEE SPECIFICATION
920	COMMERCIAL GRADE ACCENT TILE. SEE FINISH SCHEDULE
921	COMMERCIAL GRADE TILE FROM FLOOR TO 6'-6" A.F.F. SEE FINISH SCHEDULE
922	GYP BOARD, PAINTED. SEE FINISH SCHEDULE AND WALL TYPES
934	COMMERCIAL GRADE BASE TILE FROM FLOOR TO 0'-6" A.F.F. SEE FINISH SCHEDULE
1003	SOAP DISPENSER
1004	SANITARY NAPKIN DISPOSAL IN WOMEN RR ONLY
1005	TOILET PAPER DISPENSER
1006	MIRROR WITH ALUMINUM FRAME
1011	ADA COMPLIANT STAINLESS STEEL GRAB BAR
1027	BABY CHANGING STATION. SEE SPECIFICATION
1029	SHELF
1036	FOLDING BENCH, SEE SPEC
2204	FLOOR MOUNTED TANK TOILET. SEE PLUMBING. FLUSH TYPE, TYP
2212	WALL MOUNTED SINK. INSTALL PER ADA REQ.SEE PLUMBING
2216	FLOOR DRAIN. SEE PLUMBING
2220	INSULATED PIPE

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STATE OF UTAH
ROBERT W. JOHNSON
No. 8656166-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

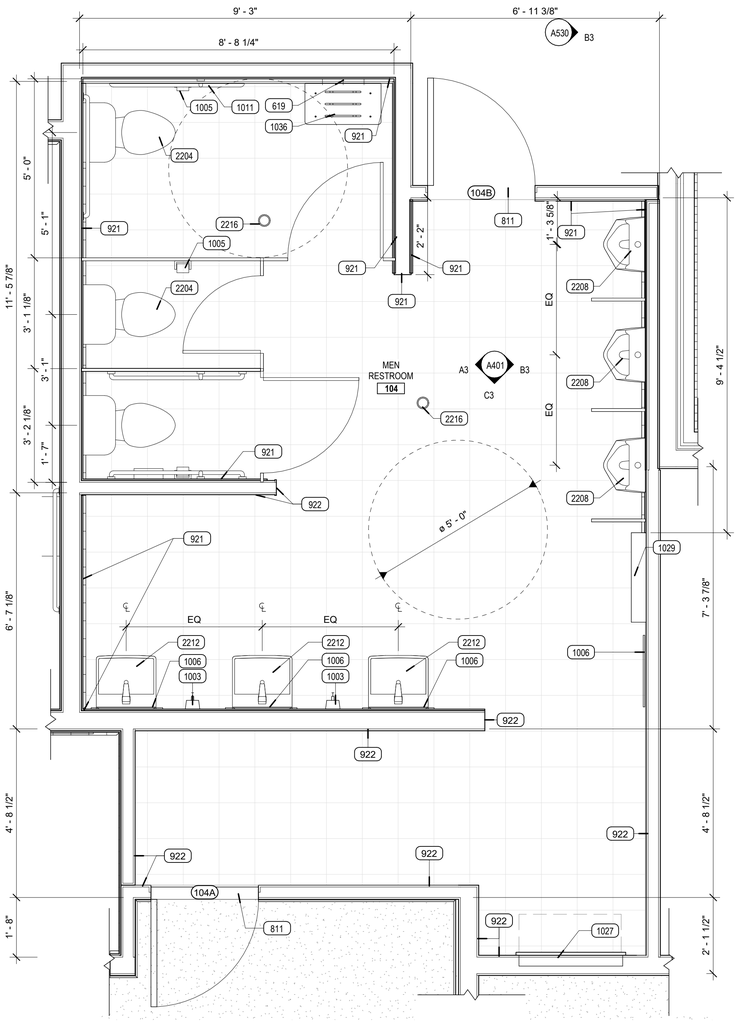
RESTROOM PLANS

A400

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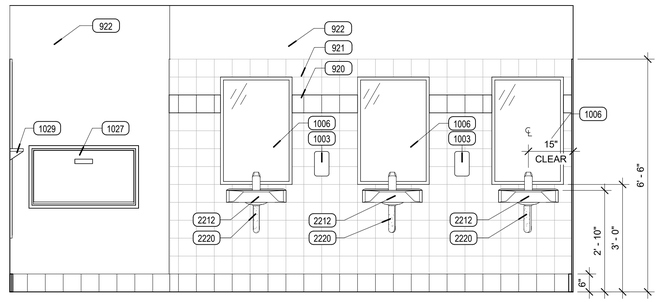
KEYNOTE

619	ROBE HOOK
811	STONE THRESHOLDS. SEE SPECIFICATION
920	COMMERCIAL GRADE ACCENT TILE. SEE FINISH SCHEDULE
921	COMMERCIAL GRADE TILE FROM FLOOR TO 6'-6" A.F.F. SEE FINISH SCHEDULE
922	GYP BOARD, PAINTED. SEE FINISH SCHEDULE AND WALL TYPES
934	COMMERCIAL GRADE BASE TILE FROM FLOOR TO 0'-6" A.F.F. SEE FINISH SCHEDULE
1003	SOAP DISPENSER
1005	TOILET PAPER DISPENSER
1006	MIRROR WITH ALUMINUM FRAME
1011	ADA COMPLIANT STAINLESS STEEL GRAB BAR
1027	BABY CHANGING STATION. SEE SPECIFICATION
1029	SHELF
1036	FOLDING BENCH, SEE SPEC
2204	FLOOR MOUNTED TANK TOILET. SEE PLUMBING. FLUSH TYPE, TYP
2208	URINAL. SEE PLUMBING
2212	WALL MOUNTED SINK. INSTALL PER ADA REQ.SEE PLUMBING
2216	FLOOR DRAIN. SEE PLUMBING
2220	INSULATED PIPE



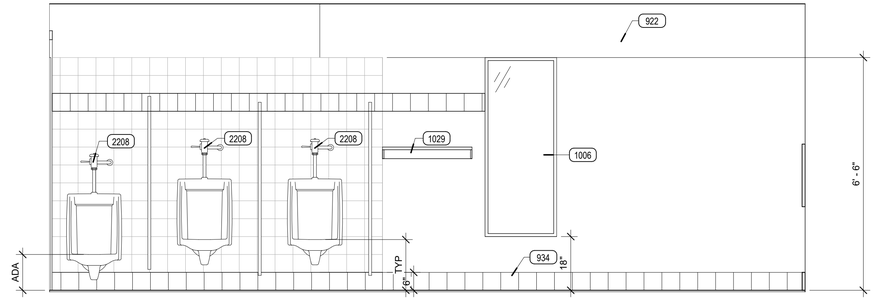
A1 MENS RESTROOM 104

1/2" = 1'-0"



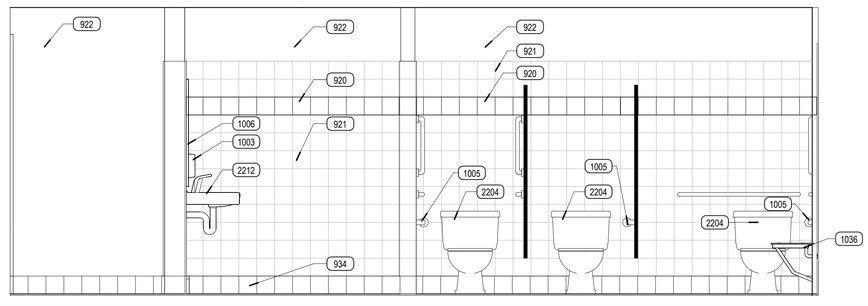
C3 MENS RESTROOM 104 - BOTTOM

1/2" = 1'-0"



B3 MENS RESTROOM 104 - LEFT

1/2" = 1'-0"



A3 MENS RESTROOM 104 - RIGHT

1/2" = 1'-0"

3/2/2026 7:02:42 PM

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02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

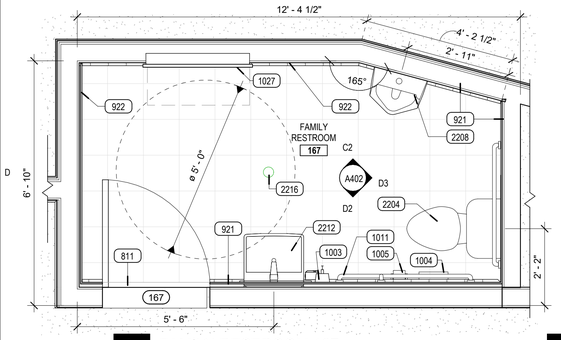
BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

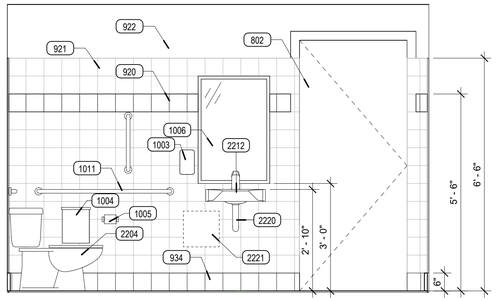
RESTROOM PLANS

A401



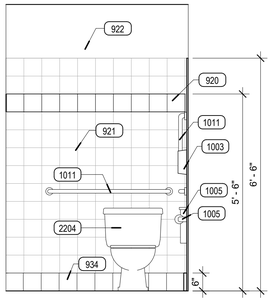
D1 FAMILY RESTROOM 167

1/2" = 1'-0"



D2 FAMILY RESTROOM 167 - BOTTOM

1/2" = 1'-0"

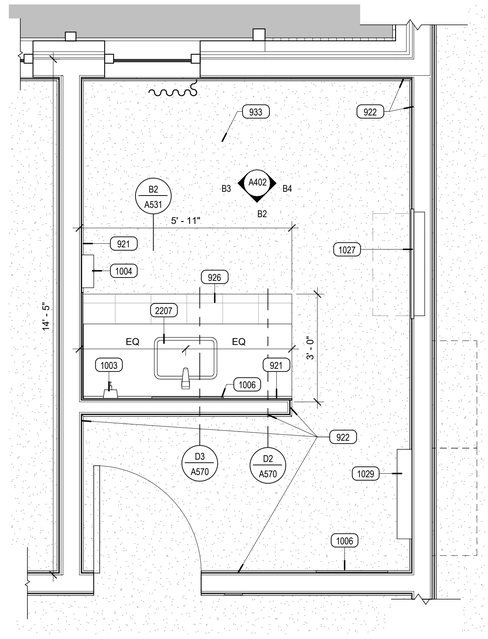


D3 FAMILY RESTROOM 167 - RIGHT

1/2" = 1'-0"

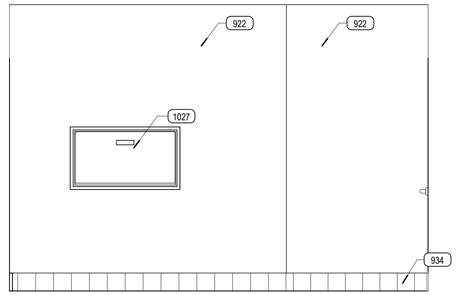
KEYNOTE

517	METAL BRACKET, SEE DETAIL & SPECIFICATIONS
802	DOOR AND/OR WINDOW SYSTEM. SEE DOOR AND WINDOW SCHEDULES
811	STONE THRESHOLDS. SEE SPECIFICATION
920	COMMERCIAL GRADE ACCENT TILE. SEE FINISH SCHEDULE
921	COMMERCIAL GRADE TILE FROM FLOOR TO 6'-6" A.F.F. SEE FINISH SCHEDULE
922	GYP BOARD, PAINTED. SEE FINISH SCHEDULE AND WALL TYPES
926	6" COMMERCIAL GRADE FLOOR TILE. SEE FINISH SCHEDULE
933	CARPET, COLOR TBD. SEE FINISH SCHEDULE
934	COMMERCIAL GRADE BASE TILE FROM FLOOR TO 0'-6" A.F.F. SEE FINISH SCHEDULE
940	SOLID SURFACE COUNTER. SEE SPECIFICATIONS FOR PRODUCT DETAILS
1003	SOAP DISPENSER
1004	SANITARY NAPKIN DISPOSAL IN WOMEN RR ONLY
1005	TOILET PAPER DISPENSER
1006	MIRROR WITH ALUMINUM FRAME
1011	ADA COMPLIANT STAINLESS STEEL GRAB BAR
1027	BABY CHANGING STATION. SEE SPECIFICATION
1029	SHELF
2204	FLOOR MOUNTED TANK TOILET. SEE PLUMBING. FLUSH TYPE, TYP
2207	LAVATORY. SEE PLUMBING
2208	URINAL. SEE PLUMBING
2212	WALL MOUNTED SINK. INSTALL PER ADA REQ.SEE PLUMBING
2216	FLOOR DRAIN. SEE PLUMBING
2220	INSULATED PIPE
2221	INSTANT HOT WATER HEATER, SEE PLUMBING



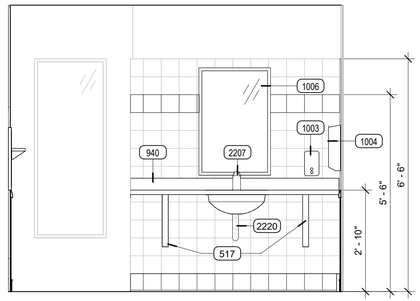
B1 MOTHERS ROOM 156

1/2" = 1'-0"



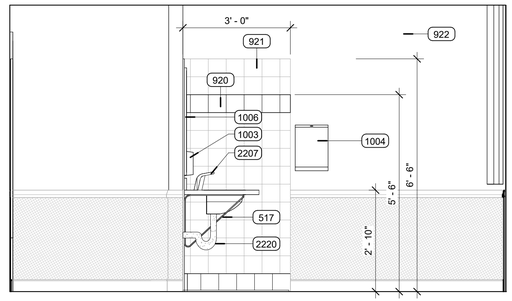
C2 FAMILY RESTROOM 167 - TOP

1/2" = 1'-0"



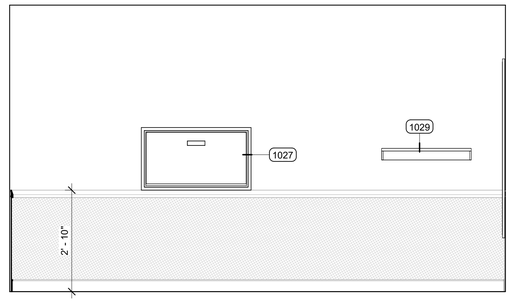
B2 MOTHERS ROOM 156 - BOTTOM

1/2" = 1'-0"



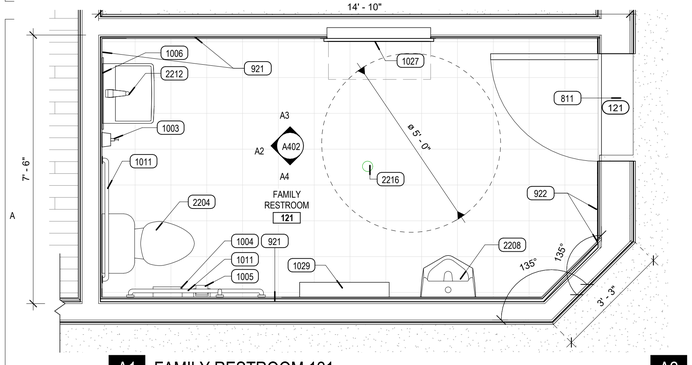
B3 MOTHERS ROOM 156 - RIGHT

1/2" = 1'-0"



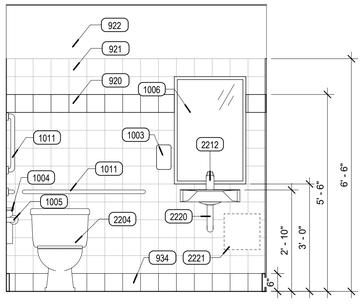
B4 MOTHERS ROOM 123 - RIGHT

1/2" = 1'-0"



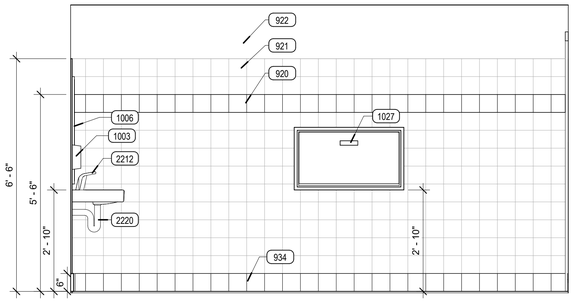
A1 FAMILY RESTROOM 121

1/2" = 1'-0"



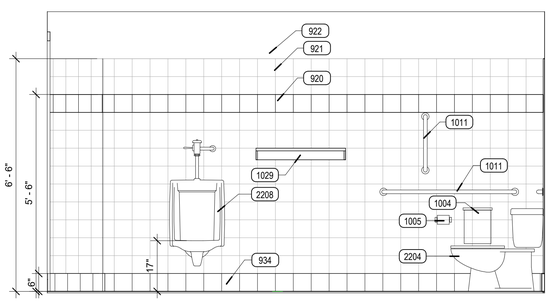
A2 FAMILY RESTROOM 121 - LEFT

1/2" = 1'-0"



A3 FAMILY RESTROOM 121 - TOP

1/2" = 1'-0"



A4 FAMILY RESTROOM 121 - BOTTOM

1/2" = 1'-0"

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STATE OF UTAH
ROBERT WAYNE JOHNSON
No. 8595169-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

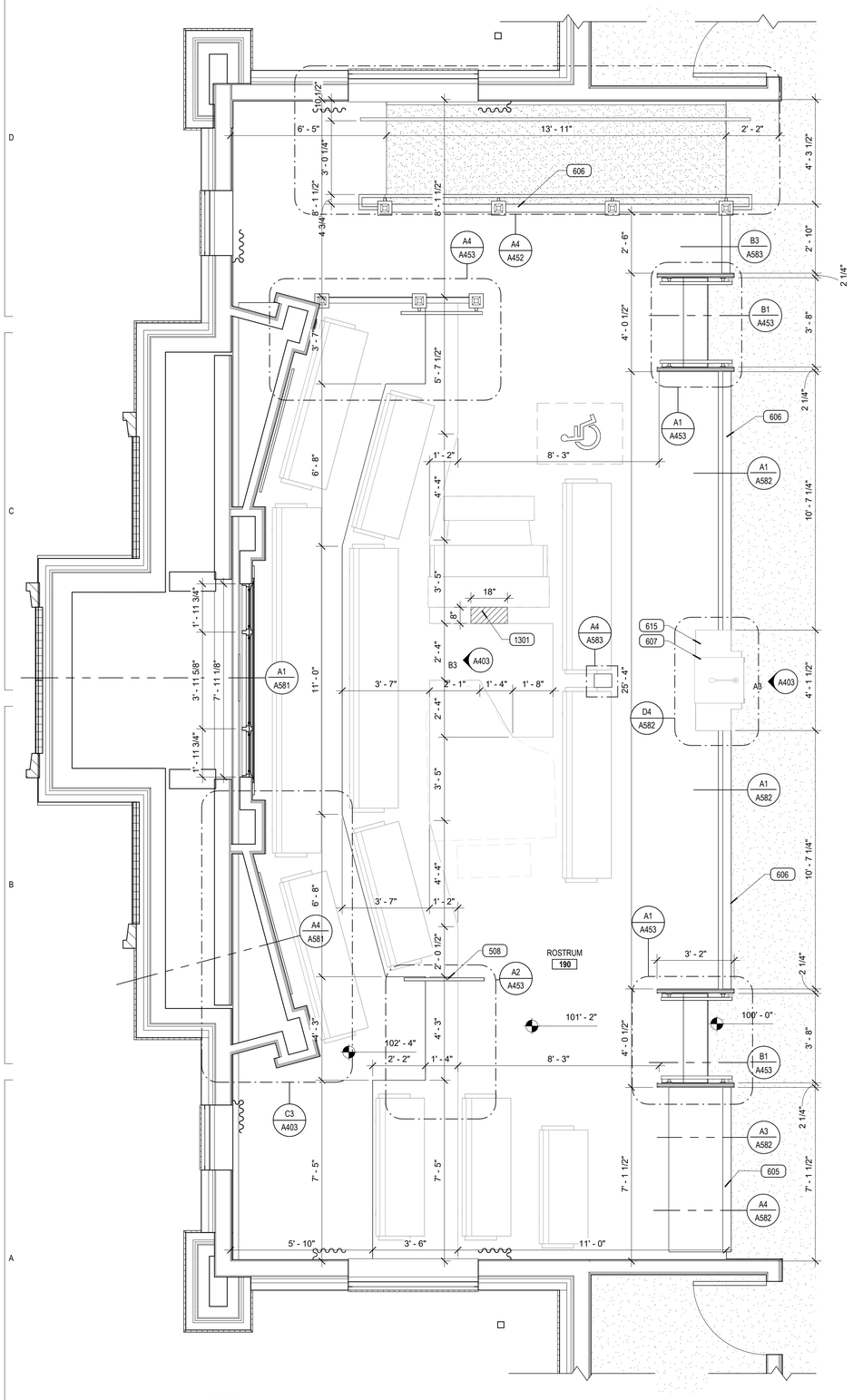
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

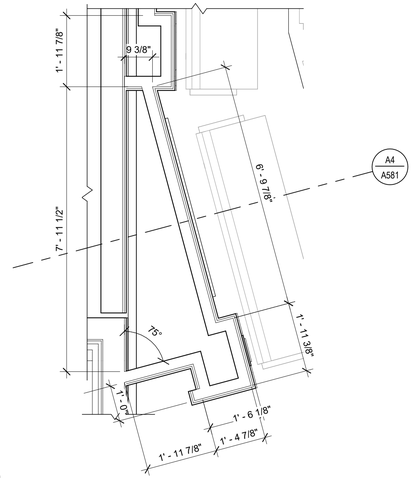
RESTROOM PLANS

A402



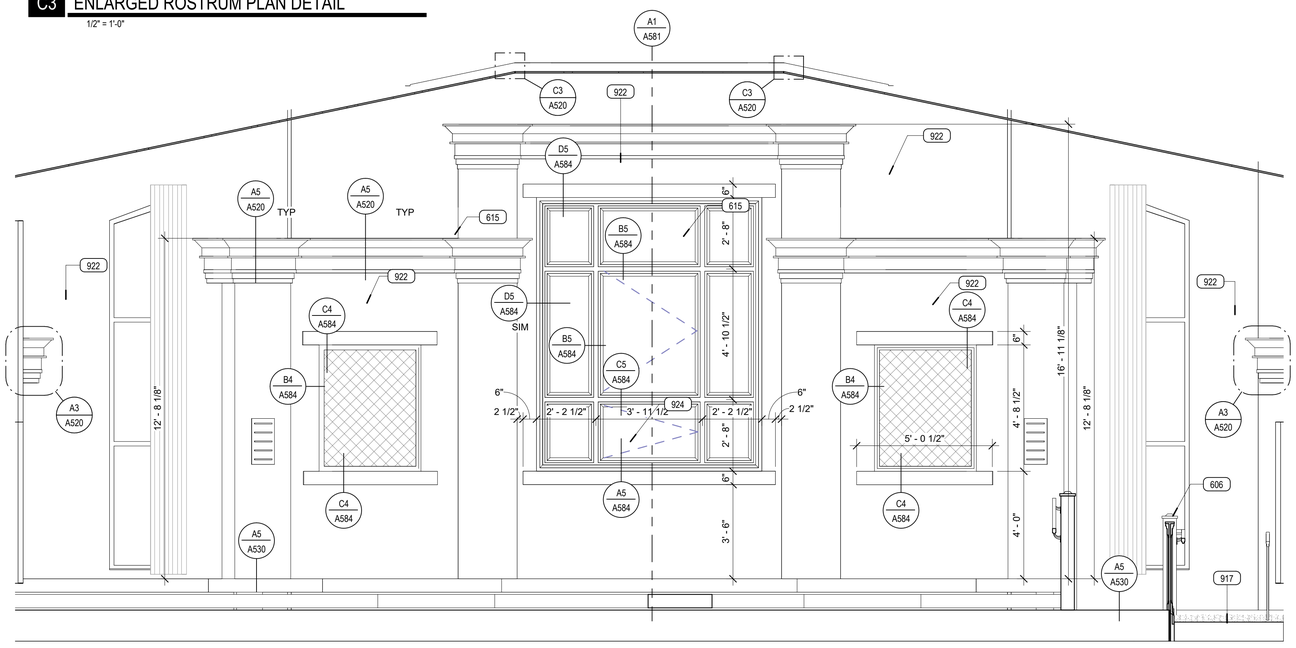
A1 ENLARGED ROSTRUM PLAN

3/8" = 1'-0"



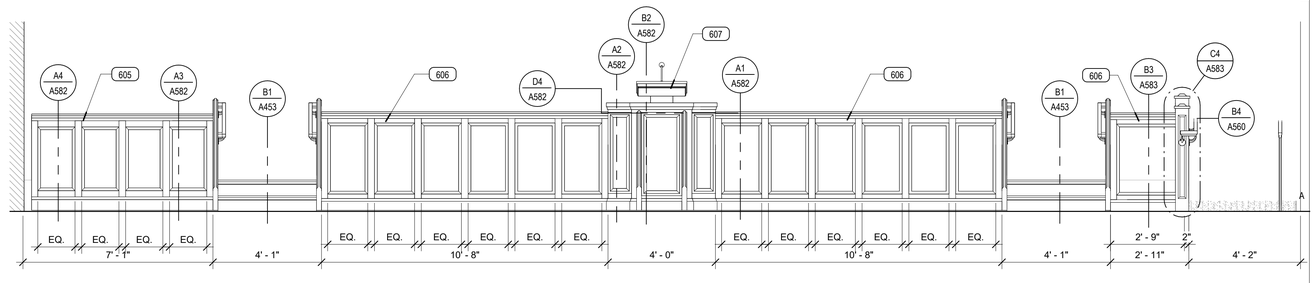
C3 ENLARGED ROSTRUM PLAN DETAIL

1/2" = 1'-0"



B3 ROSTRUM ELEVATION

3/8" = 1'-0"



A3 ROSTRUM FRONT ELEVATION

3/8" = 1'-0"

KEYNOTE

508	STEEL ROSTRUM RAILINGS
605	ROSTRUM CASEWORK. SEE DETAILS & SPECIFICATION
606	ROSTRUM RAILINGS. SEE DETAILS & SPECIFICATION
607	ROSTRUM PULPIT. SEE DETAILS & SPECIFICATION
615	LIGHT COVE TRIM FROM. SEE DETAILS
917	WOOD STAIR WITH CARPET FINISH.
922	GYP BOARD, PAINTED. SEE FINISH SCHEDULE AND WALL TYPES
924	ACOUSTIC WALL COVERING & GRILLS AS SELECTED, SEE FINISH SCHEDULE/SPECIFICATION
1301	18"L x 8"W x 6"D FLOOR RECESS WITH POWER OUTLET AND SOUND CONDUIT STUBS FOR ORGAN.

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02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

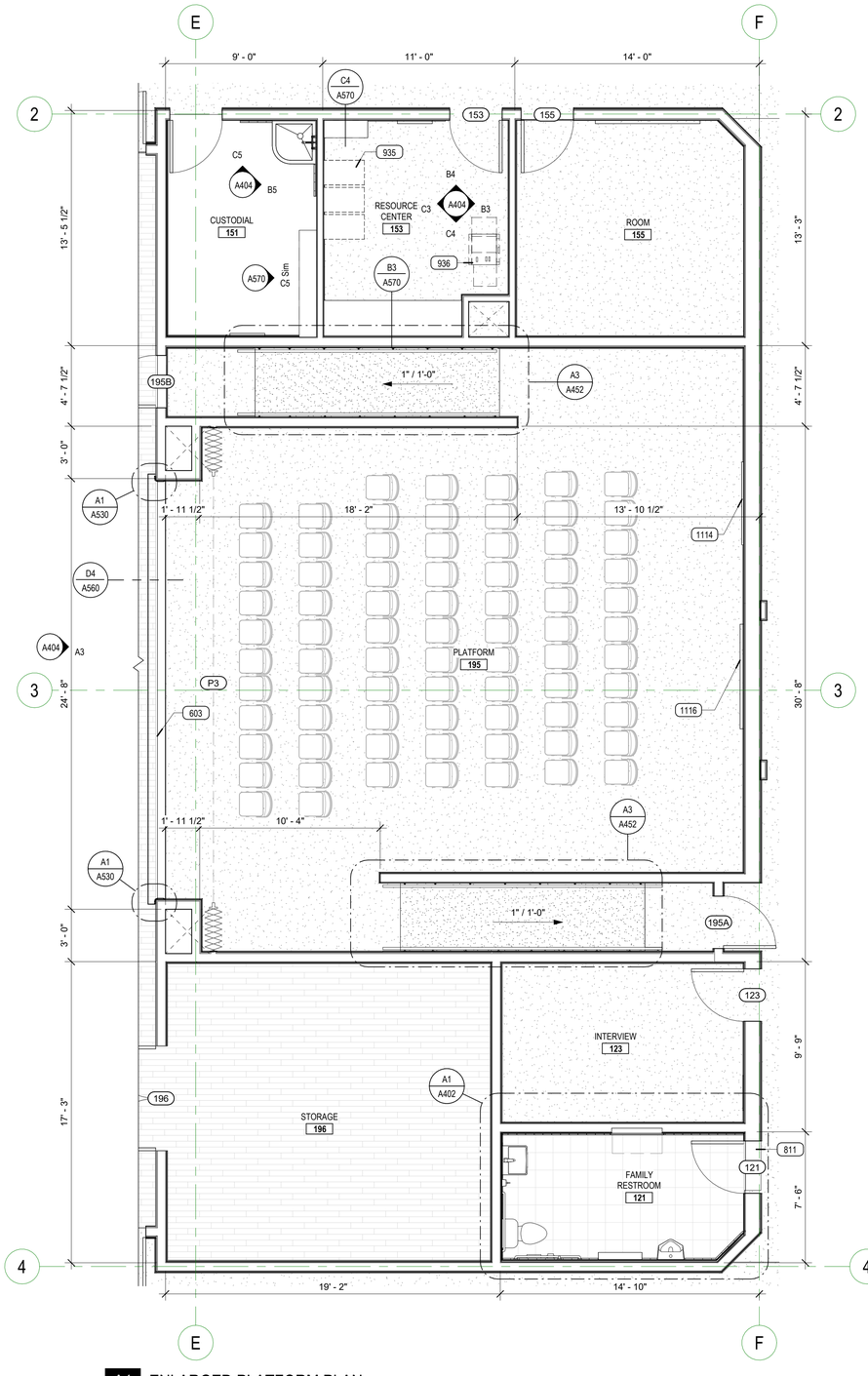
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

ROSTRUM

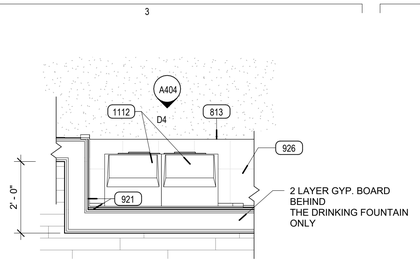
A403

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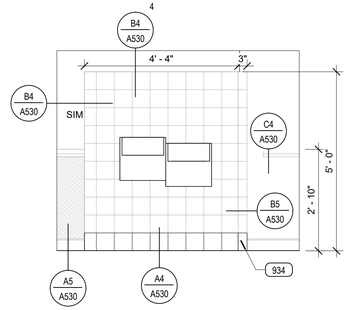
A1 ENLARGED PLATFORM PLAN

1/4" = 1'-0"



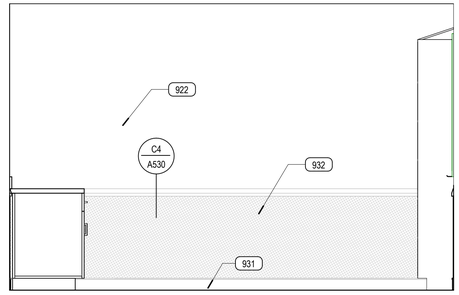
D3 DRINKING FOUNTAIN ENLARGED PLAN TYP.

1/2" = 1'-0"



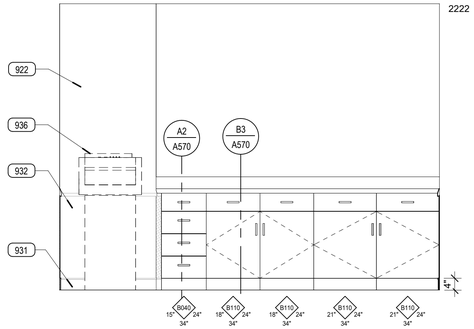
D4 DRINKING FOUNTAIN

1/2" = 1'-0"



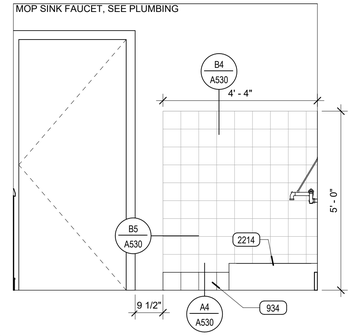
C3 MATERIALS CENTER - RIGHT

1/2" = 1'-0"



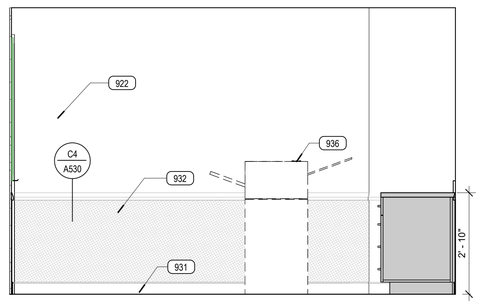
C4 MATERIALS CENTER - BOTTOM

1/2" = 1'-0"



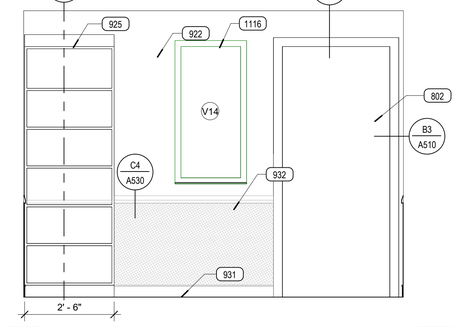
C5 CUSTODIAL - TOP

1/2" = 1'-0"



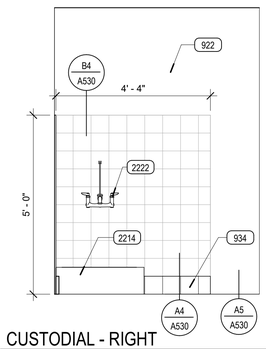
B3 MATERIALS CENTER - RIGHT

1/2" = 1'-0"



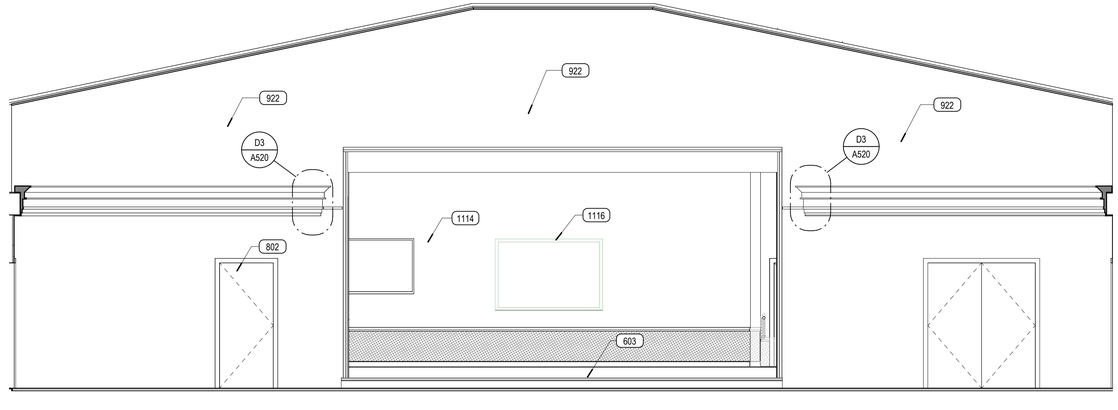
B4 MATERIALS CENTER - TOP

1/2" = 1'-0"



B5 CUSTODIAL - RIGHT

1/2" = 1'-0"



A3 PLATFORM ELEVATION

1/4" = 1'-0"

KEYNOTE

603	WOOD STAIRS. FINISH WISH RUBBER TREADS AND SKIRTING. SEE FINISH SCHEDULE
802	DOOR AND/OR WINDOW SYSTEM. SEE DOOR AND WINDOW SCHEDULES
811	STONE THRESHOLDS. SEE SPECIFICATION
813	METAL EDGE STRIP. SEE DETAIL C2/A530
921	COMMERCIAL GRADE TILE FROM FLOOR TO 6'-6" A.F.F. SEE FINISH SCHEDULE
922	GYP BOARD, PAINTED. SEE FINISH SCHEDULE AND WALL TYPES
925	WOOD SHELF. SEE DETAILS
926	6" COMMERCIAL GRADE FLOOR TILE. SEE FINISH SCHEDULE
931	WOOD BASE FROM FLOOR TO 0'-4" A.F.F. SEE FINISH SCHEDULE
932	SISAL WITH CHAIR RAIL TOP FROM FLOOR TO 2'-10" A.F.F. SEE FINISH SCHEDULE
934	COMMERCIAL GRADE BASE TILE FROM FLOOR TO 0'-6" A.F.F. SEE FINISH SCHEDULE
935	AUDIO VISUAL EQUIPMENT
936	COPIER MACHINE N.I.C
1112	DRINKING FOUNTAIN WITH WATER. PROVIDE POWER CONNECTION AND WATER CONNECTION TO THIS LOCATION.SEE ELECTRICAL. SEE PLUMBING
1114	TELEVISION & WALL MOUNT. TO BE CONTRACTOR FURNISHED. PROVIDE POWER CONNECTION AND TV BOX AT EACH LOCATION
1116	MARKERBOARD, SEE FINISH PLAN FOR DETAILS & SPECIFICATION
2214	MOP SINK. SEE PLUMBING
2222	MOP SINK FAUCET, SEE PLUMBING

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LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

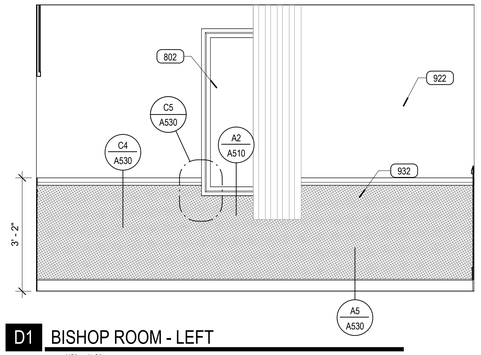
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

PLATFORM

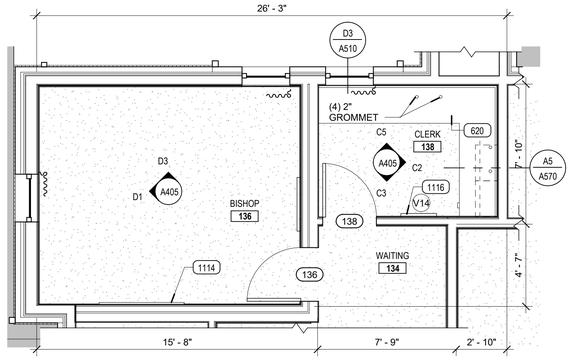
A404

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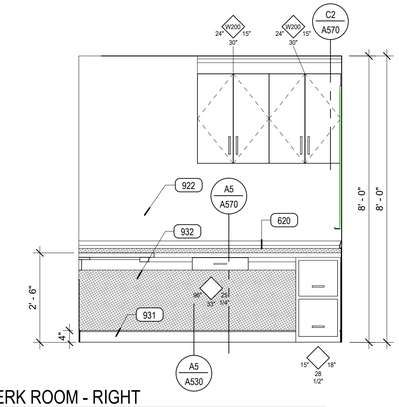
D1 BISHOP ROOM - LEFT

1/2" = 1'-0"



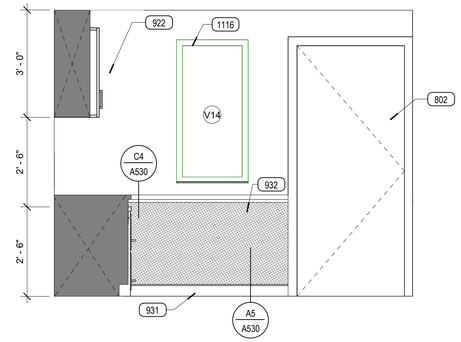
C1 ENLARGED BISHOP, CLERK OFFICES

1/4" = 1'-0"



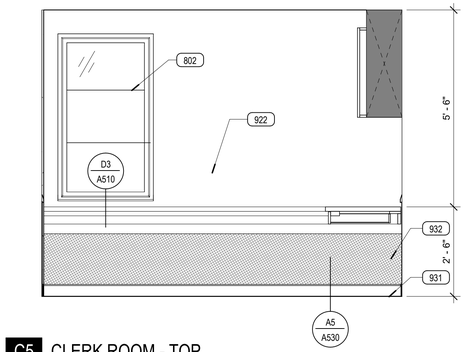
C2 CLERK ROOM - RIGHT

1/2" = 1'-0"



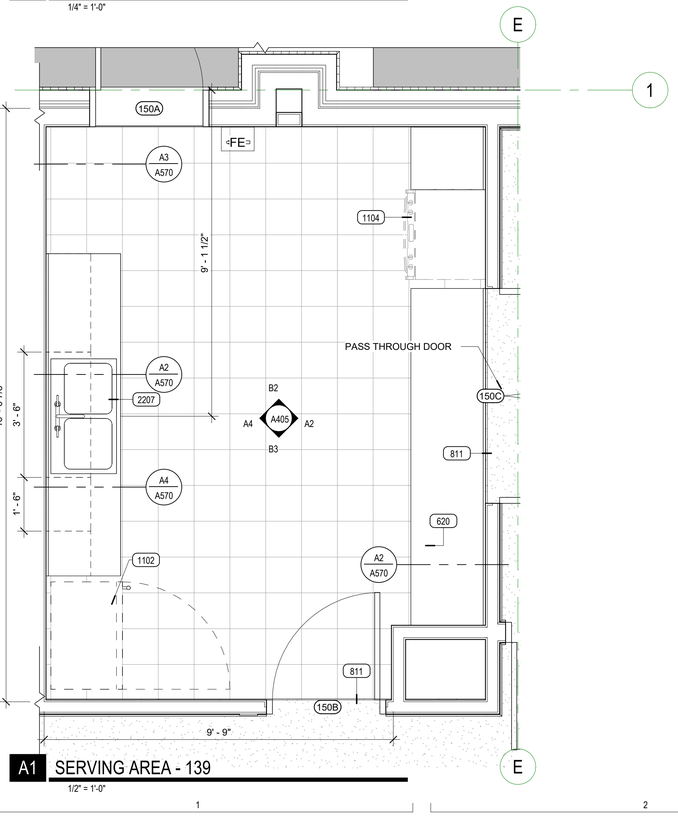
C3 CLERK ROOM - BOTTOM

1/2" = 1'-0"



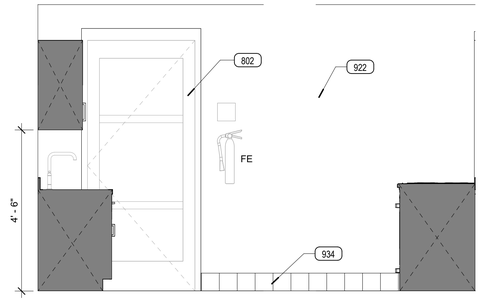
C5 CLERK ROOM - TOP

1/2" = 1'-0"



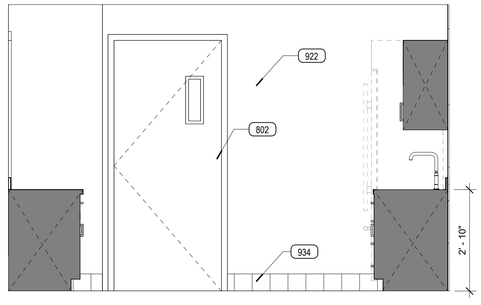
A1 SERVING AREA - 139

1/2" = 1'-0"



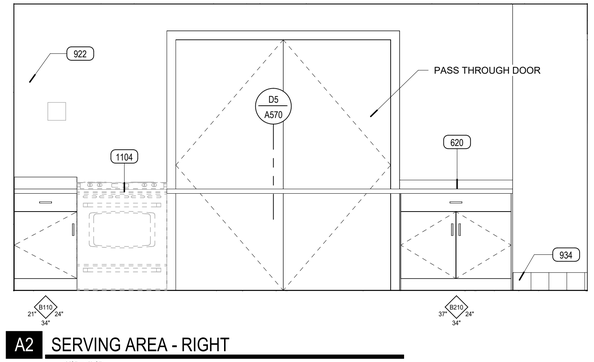
B2 SERVING AREA - TOP

1/2" = 1'-0"



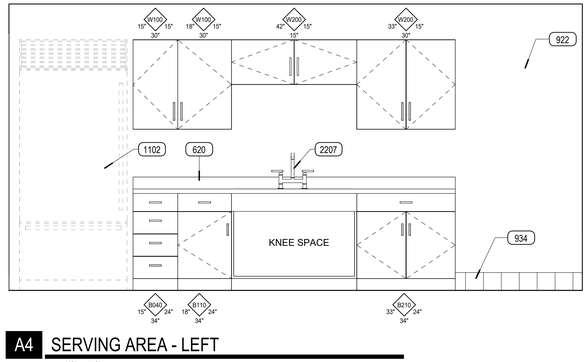
B3 SERVING AREA - BOTTOM

1/2" = 1'-0"



A2 SERVING AREA - RIGHT

1/2" = 1'-0"



A4 SERVING AREA - LEFT

1/2" = 1'-0"

KEYNOTE

620	SOLID SURFACE COUNTERTOP AND BACKSPLASH, EXCEPT WHERE DETAILED OTHERWISE. SEE SPEC
802	DOOR AND/OR WINDOW SYSTEM. SEE DOOR AND WINDOW SCHEDULES
811	STONE THRESHOLDS. SEE SPECIFICATION
922	GYP BOARD, PAINTED. SEE FINISH SCHEDULE AND WALL TYPES
931	WOOD BASE FROM FLOOR TO 0'-4" A.F.F. SEE FINISH SCHEDULE
932	SISAL WITH CHAIR RAIL TOP FROM FLOOR TO 2'-10" A.F.F. SEE FINISH SCHEDULE
934	COMMERCIAL GRADE BASE TILE FROM FLOOR TO 0'-6" A.F.F. SEE FINISH SCHEDULE
1102	REFRIGERATOR. TO BE PROVIDED BY OWNER. PROVIDED POWER CONNECTION AND WATER CONNECTION TO THIS LOCATION. SEE ELECTRICAL. SEE PLUMBING
1104	RANGE. TO BE PROVIDED BY OWNER. PROVIDE POWER CONNECTION TO THIS LOCATION. SEE ELECTRICAL
1114	TELEVISION & WALL MOUNT. TO BE CONTRACTOR FURNISHED. PROVIDE POWER CONNECTION AND TV BOX AT EACH LOCATION
1116	MARKERBOARD, SEE FINISH PLAN FOR DETAILS & SPECIFICATION
2207	LAVATORY. SEE PLUMBING

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STATE OF UTAH
ROBERT W JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

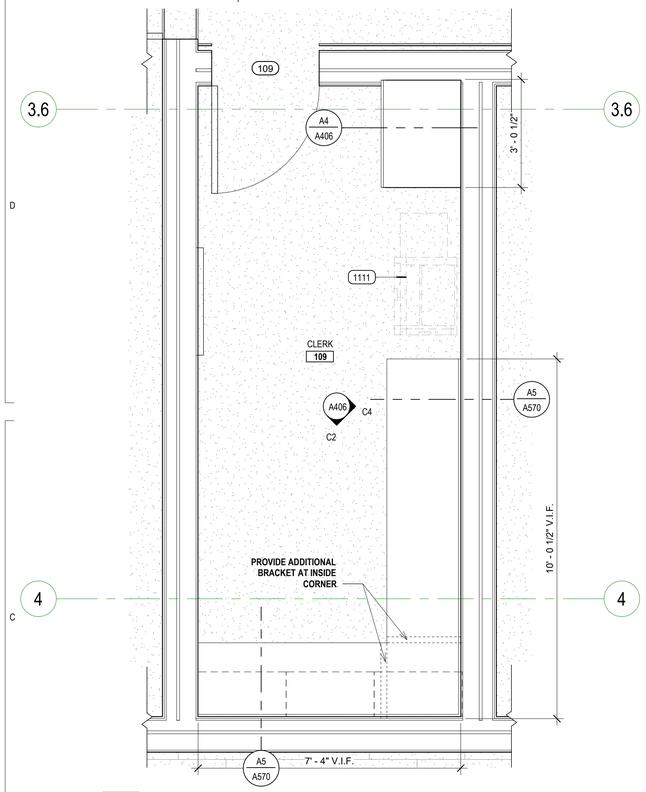
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

ENLARGED PLANS

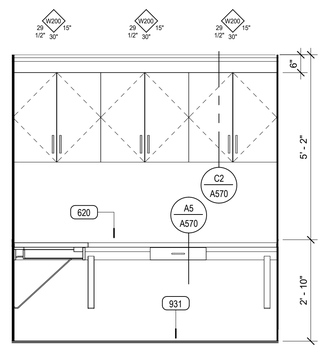
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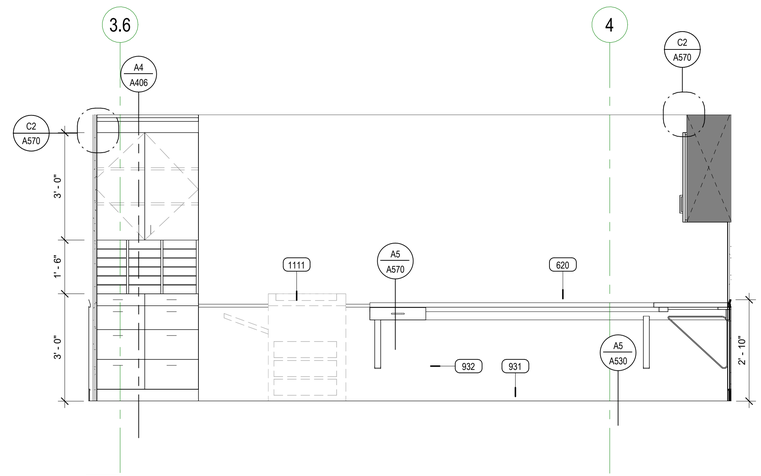
C1 ENLARGED CLERK 122 OFFICES

1/2" = 1'-0"



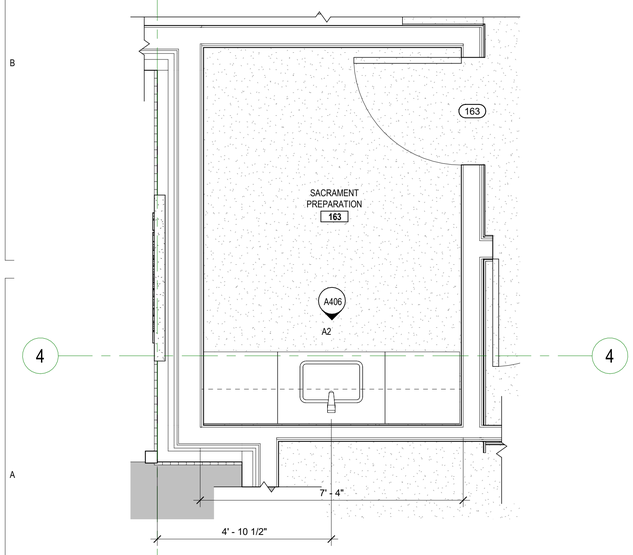
C2 CLERK ROOM 122 - BOTTOM

1/2" = 1'-0"



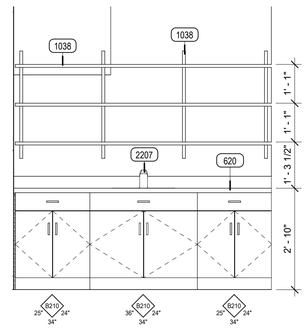
C4 CLERK ROOM 122 - RIGHT

1/2" = 1'-0"



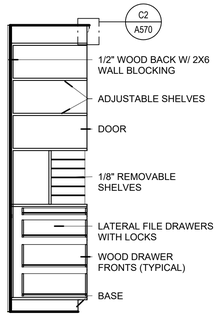
A1 SACRAMENT PREP 106

1/2" = 1'-0"



A2 SACRAMENT PREP 106 - BOTTOM

1/2" = 1'-0"



A4 CLERK ROOM CABINET SECTION

1/2" = 1'-0"

KEYNOTE

620	SOLID SURFACE COUNTERTOP AND BACKSPLASH, EXCEPT WHERE DETAILED OTHERWISE. SEE SPEC
931	WOOD BASE FROM FLOOR TO 0'-4" A.F.F. SEE FINISH SCHEDULE
932	SISAL WITH CHAIR RAIL TOP FROM FLOOR TO 2'-10" A.F.F. SEE FINISH SCHEDULE
1038	36" ADJUSTABLE STANDARDS MOUNTED TO STUDS MAX. 3'-0" SPACING
1111	COPY MACHINE. TO BE PROVIDED BY OWNER. PROVIDE POWER CONNECTION TO THIS LOCATION
2207	LAVATORY. SEE PLUMBING

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STATE OF UTAH
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No. 8505169-0301
LICENSED ARCHITECT
02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

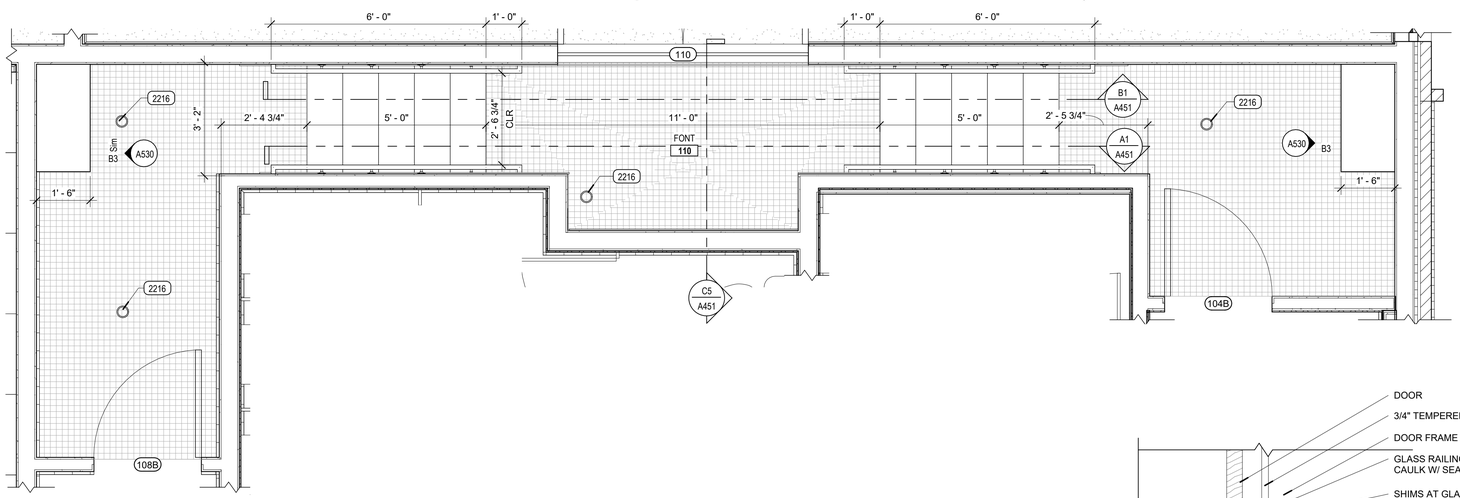
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

ENLARGED PLANS

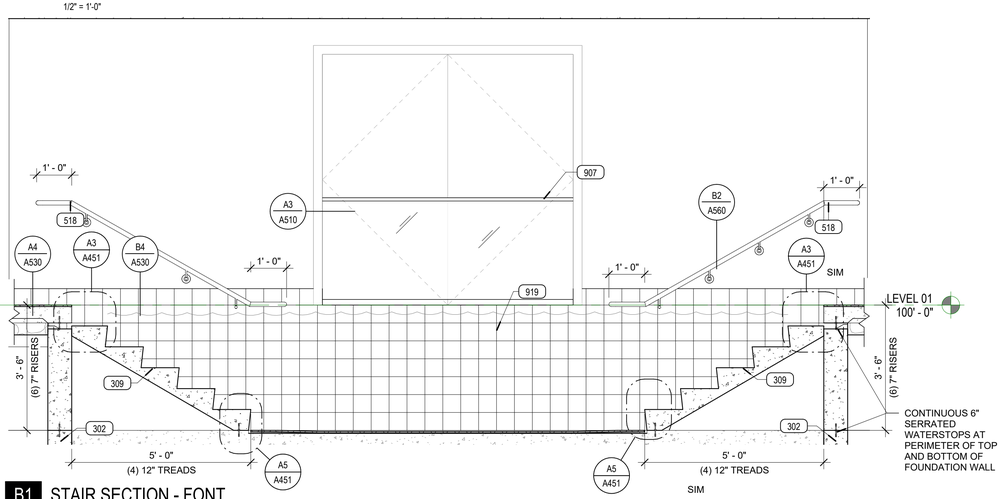
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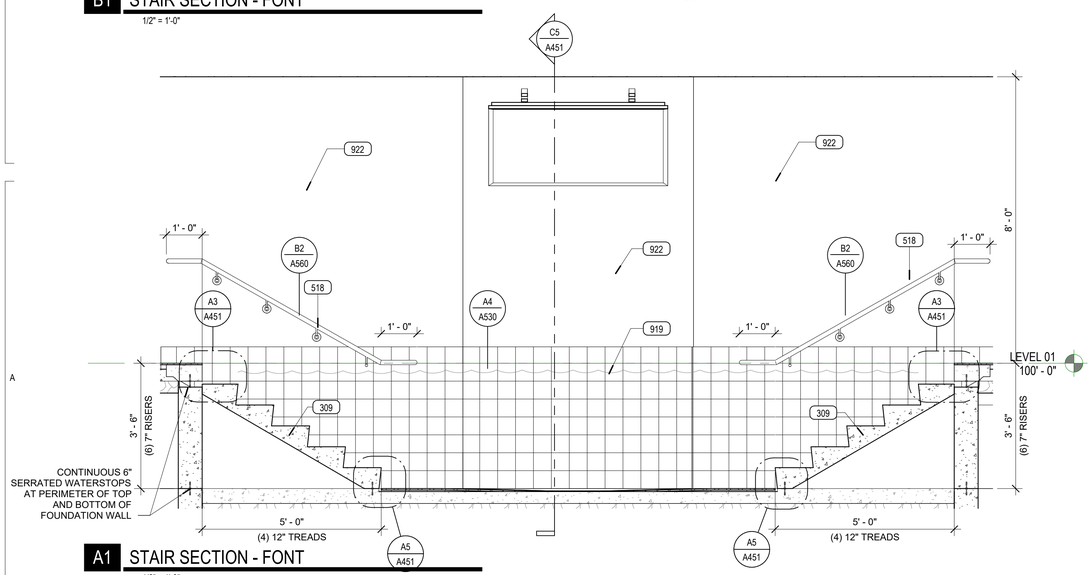
C1 STAIR - FONT

1/2" = 1'-0"



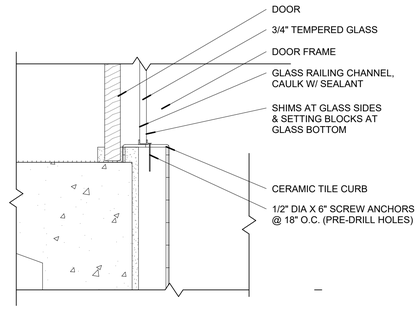
B1 STAIR SECTION - FONT

1/2" = 1'-0"



A1 STAIR SECTION - FONT

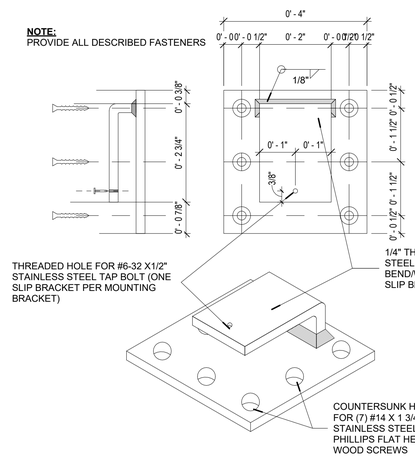
1/2" = 1'-0"



C3 BASE DETAIL AT FONT DOOR OPEN

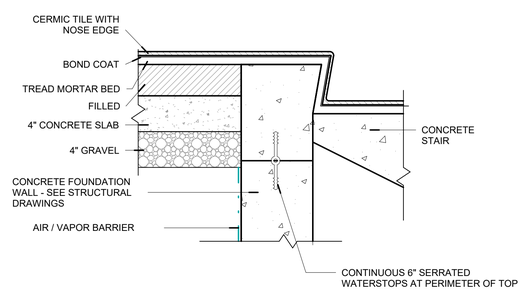
1 1/2" = 1'-0"

NOTE:
PROVIDE ALL DESCRIBED FASTENERS



B3 SLIP BRACKET

6" = 1'-0"

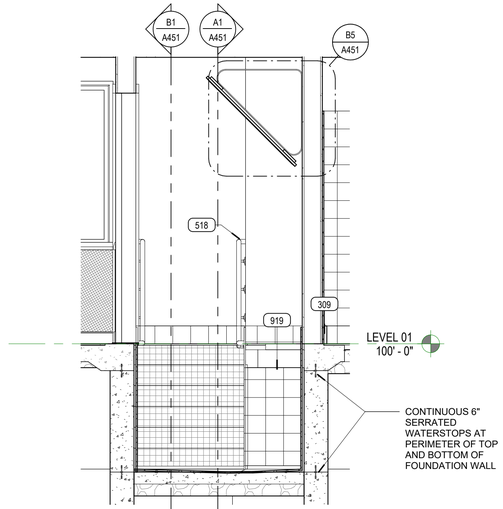


A3 STAIR - TOP - FONT

1 1/2" = 1'-0"

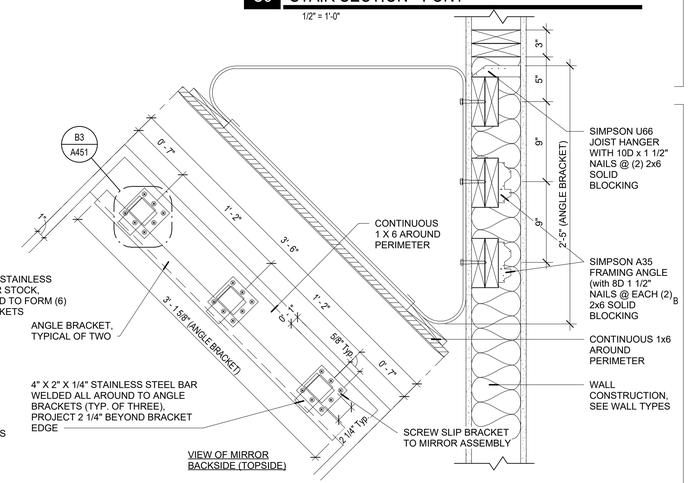
KEYNOTE

302	CONCRETE FOUNDATION WALL. SEE STRUCTURAL
309	CONCRETE STAIR WITH CERAMIC TILE FINISH
518	STAINLESS STEEL HANDRAIL, ELECTRICALLY BONDED. TYP
907	GLASS RAILING. SEE DETAILS
919	COMMERCIAL GRADE CERAMIC TILE. SEE FINISH SCHEDULE
922	GYP BOARD, PAINTED. SEE FINISH SCHEDULE AND WALL TYPES
2216	FLOOR DRAIN. SEE PLUMBING



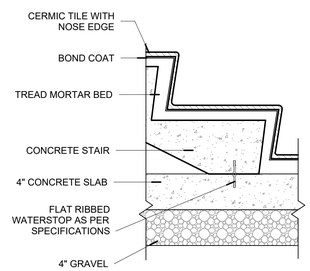
C5 STAIR SECTION - FONT

1/2" = 1'-0"



B5 MIRROR DETAIL

1 1/2" = 1'-0"



A5 STAIR - BASE - FONT

1 1/2" = 1'-0"

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STATE OF UTAH
BRYAN W. JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

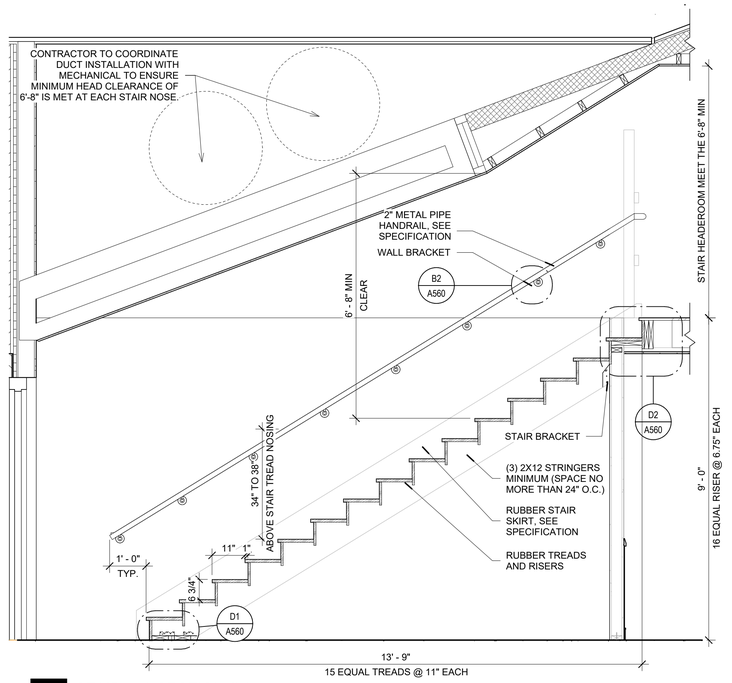
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

FONT

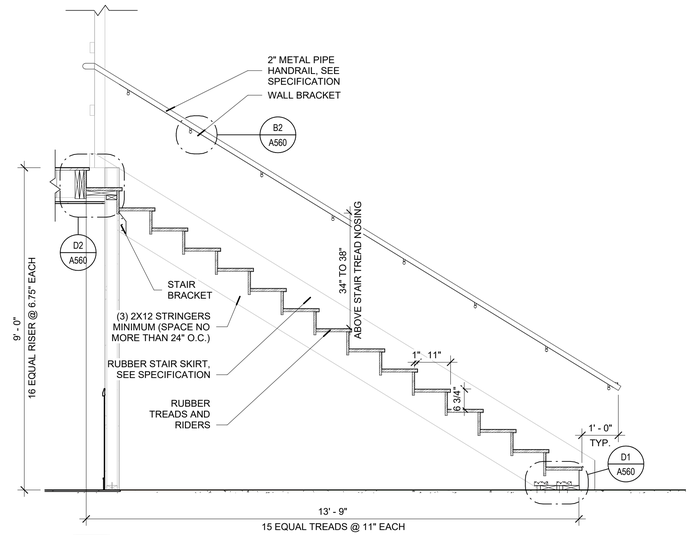
A451

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C1 STAIR 140 SECTION # 1

1/2" = 1'-0"

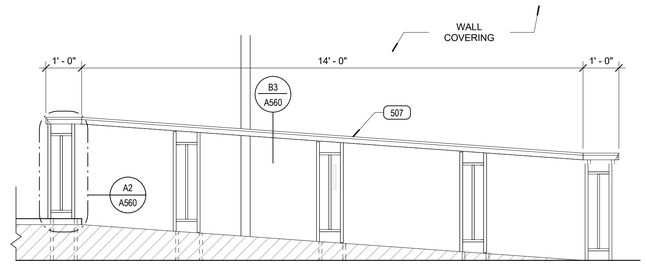


D3 STAIR 140 SECTION # 2

1/2" = 1'-0"

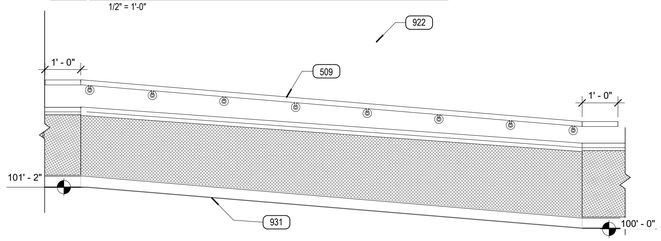
KEYNOTE

308	INTERIOR CONCRETE RAMP
507	HARDWOOD HANDRAIL BY ROSTRUM FABRICATOR
509	2" METAL PIPE HANDRAIL, SEE SPECIFICATION
603	WOOD STAIRS. FINISH WISH RUBBER TREADS AND SKIRTING. SEE FINISH SCHEDULE
606	ROSTRUM RAILINGS, SEE DETAILS & SPECIFICATION
922	GYP BOARD, PAINTED. SEE FINISH SCHEDULE AND WALL TYPES
931	WOOD BASE FROM FLOOR TO 0'-4" A.F.F. SEE FINISH SCHEDULE



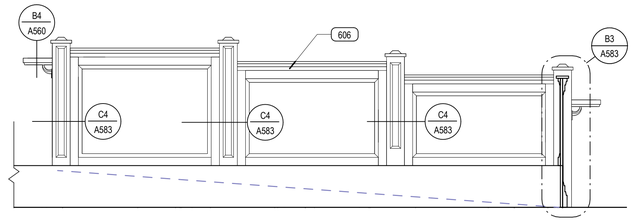
D4 HANDRAIL AT ROSTRUM RAMP

1/2" = 1'-0"



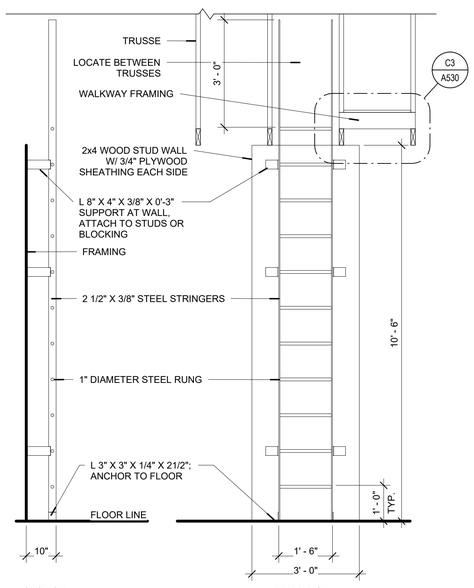
C3 HANDRAIL AT RAMP

1/2" = 1'-0"



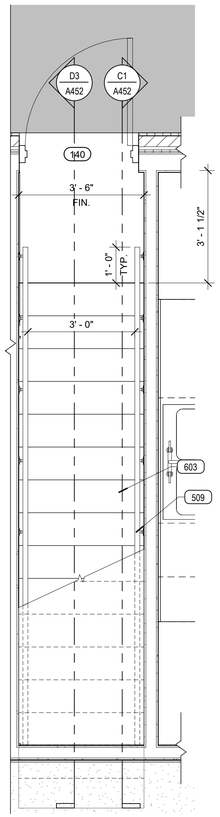
C4 ROSTRUM RAMP PANELS

1/2" = 1'-0"



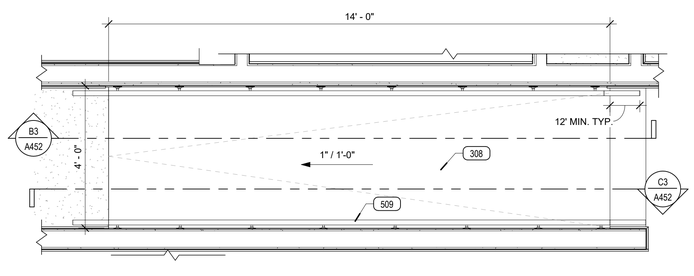
A1 LADDER DETAIL

1/2" = 1'-0"



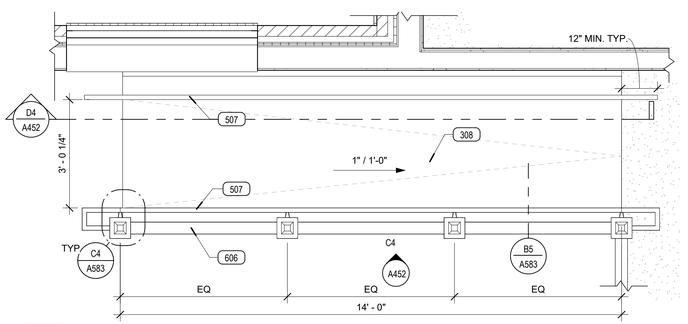
A2 STAIR 140 - ACCESS

1/2" = 1'-0"



A3 RAMP - PLATFORM - TYP.

1/2" = 1'-0"



A4 RAMP - ROSTRUM

1/2" = 1'-0"

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02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

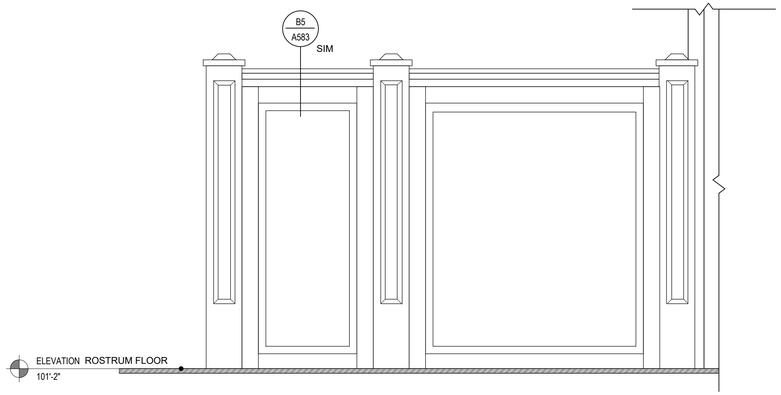
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

VERTICAL CIRCULATION

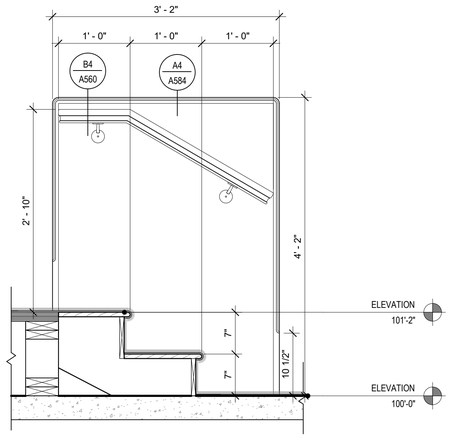
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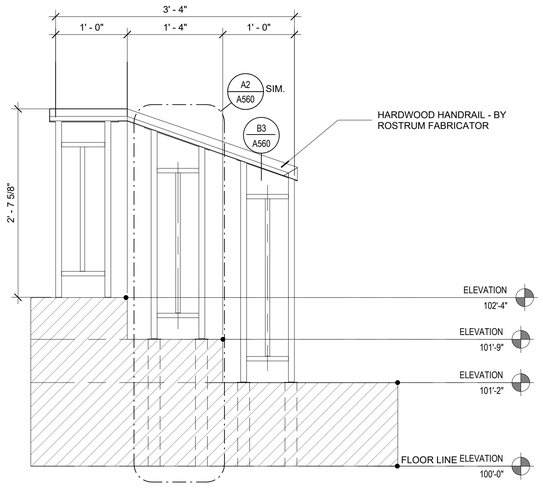
D4 STAIR SECTION - ROSTRUM 2b

1" = 1'-0"



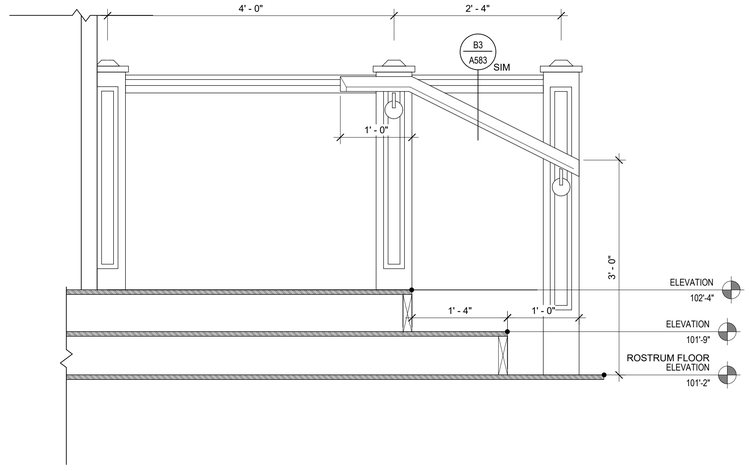
B1 STAIR SECTION - ROSTRUM

1" = 1'-0"



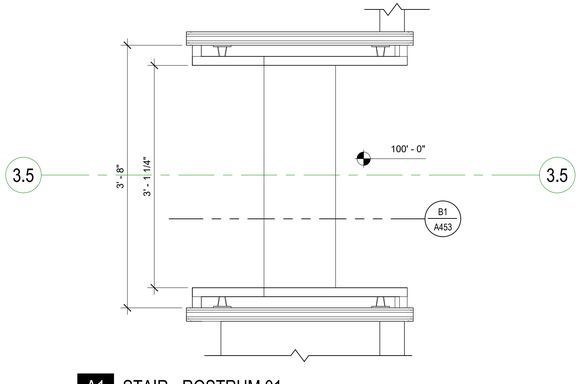
B2 ROSTRUM RISER HANDRAIL ELEVATION

1" = 1'-0"



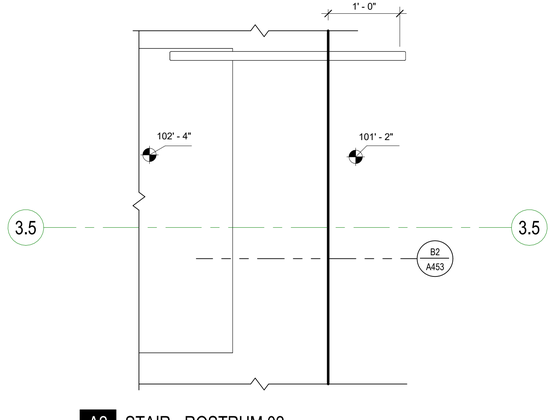
B4 STAIR SECTION - ROSTRUM 2

1" = 1'-0"



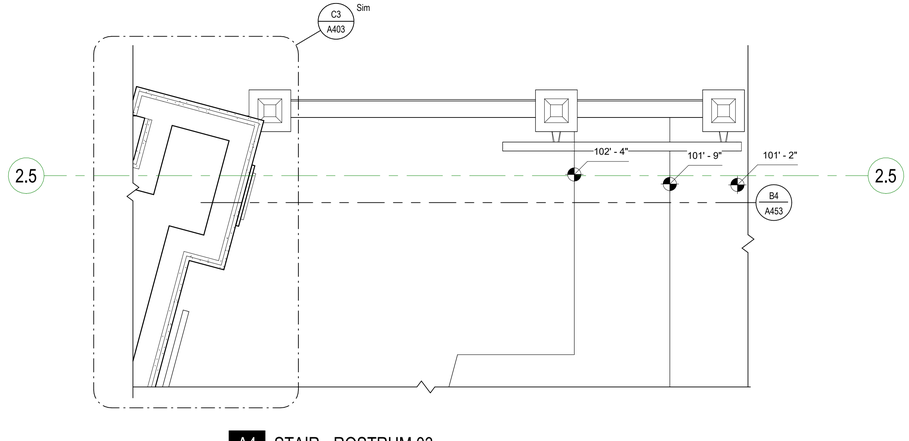
A1 STAIR - ROSTRUM 01

1" = 1'-0"



A2 STAIR - ROSTRUM 02

1" = 1'-0"



A4 STAIR - ROSTRUM 03

1" = 1'-0"

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STATE OF UTAH
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02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

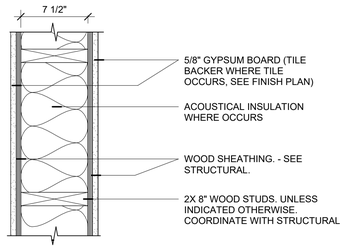
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

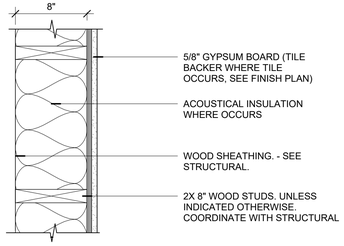
VERTICAL CIRCULATION

A453



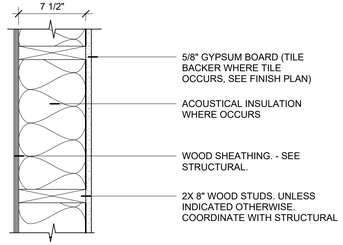
D1 W8J

1 1/2" = 1'-0"



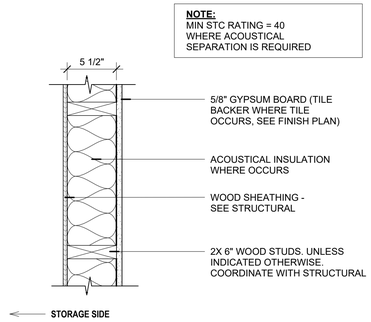
D2 W8E

1 1/2" = 1'-0"



D3 W8D

1 1/2" = 1'-0"

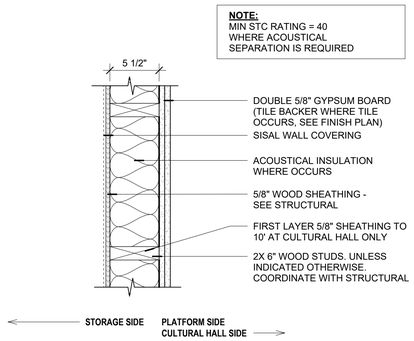


D4 W6L

1 1/2" = 1'-0"

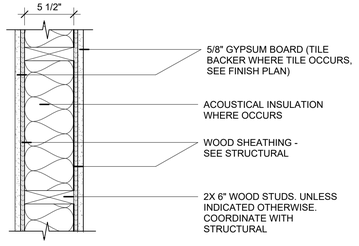
WALL TYPE NOTES

1. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR MATERIAL LOCATIONS.
2. PROVIDE FLASHING AND COUNTERFLASHING AT ALL MATERIAL TRANSITIONS. SUBMIT RFI TO ARCHITECT FOR ANY MISSING DETAIL.
3. USE 5/8" TYPE X GYPSUM WALLBOARD IN ALL LOCATIONS. USE TYPE 'WR' GYPSUM WALLBOARD WITH EPOXY PAINT AT ALL WET AREAS. INSTALL BACKER BOARD BEHIND ALL TILE.
4. INTERIOR NON-STRUCTURAL WALLS TO EXTEND TO 6" ABOVE SUSPENDED CEILING.
5. WALL TAGS ARE LOCATED AT FACE OF WALL ASSEMBLY AND INDICATE THE DIRECTION OF THE LAYERS.



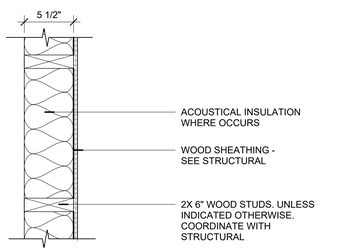
C1 W6K

1 1/2" = 1'-0"



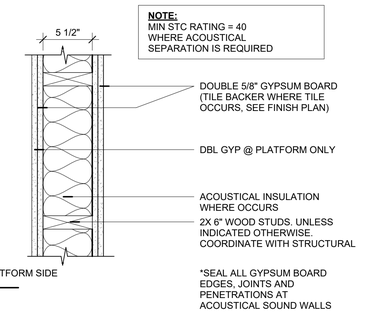
C2 W6J

1 1/2" = 1'-0"



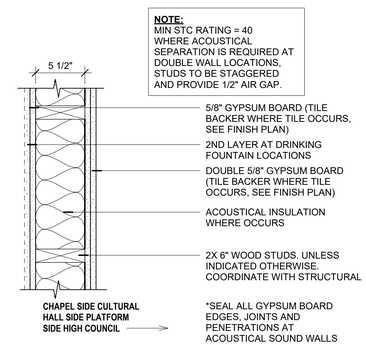
C3 W6H

1 1/2" = 1'-0"



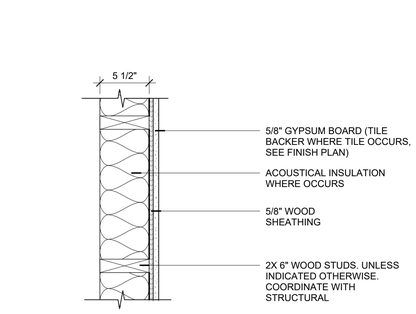
C4 W6G

1 1/2" = 1'-0"



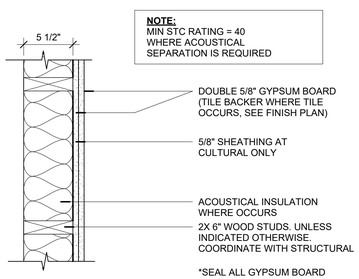
C5 W6F

1 1/2" = 1'-0"



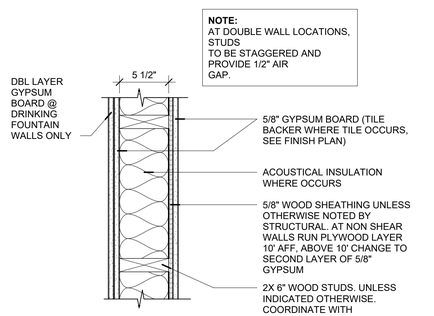
B1 W6E

1 1/2" = 1'-0"



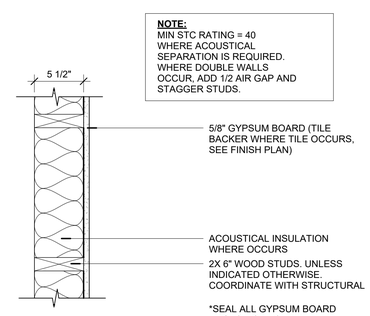
B2 W6D

1 1/2" = 1'-0"



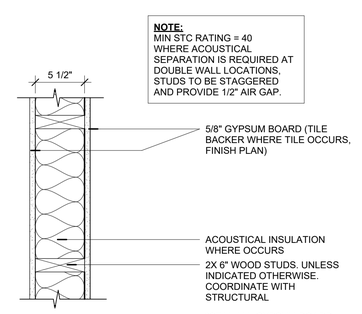
B3 W6C

1 1/2" = 1'-0"



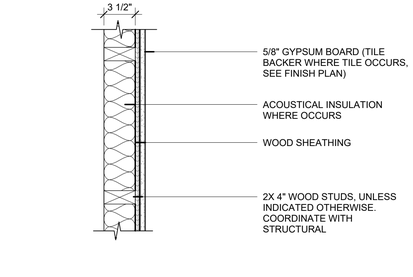
B4 W6B

1 1/2" = 1'-0"



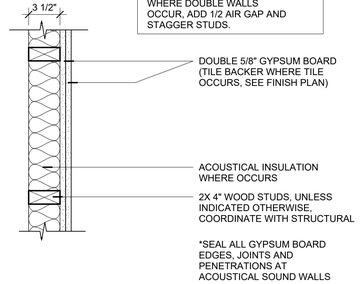
B5 W6A

1 1/2" = 1'-0"



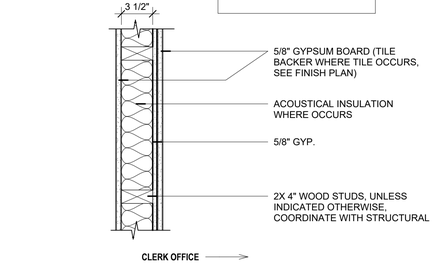
A1 W4E

1 1/2" = 1'-0"



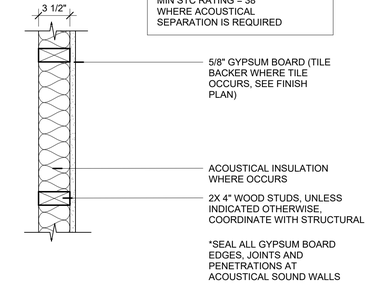
A2 W4D

1 1/2" = 1'-0"



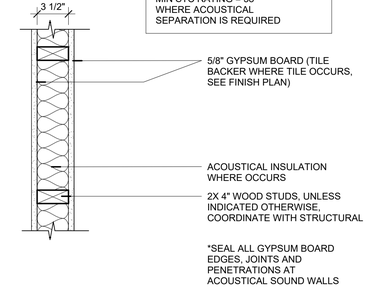
A3 W4C

1 1/2" = 1'-0"



A4 W4B

1 1/2" = 1'-0"



A5 W4A

1 1/2" = 1'-0"

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uncommonarch.com
(801) 417-9951

STATE OF UTAH
BRIAN K. JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

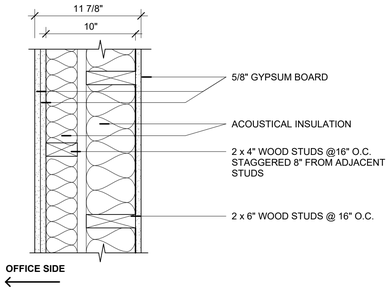
WALL TYPES

A500

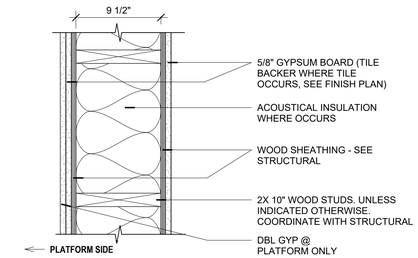
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WALL TYPE NOTES

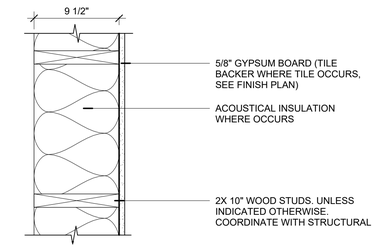
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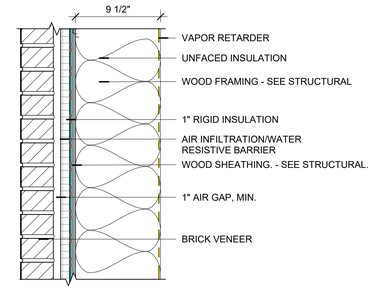
C3 W10L
1 1/2" = 1'-0"



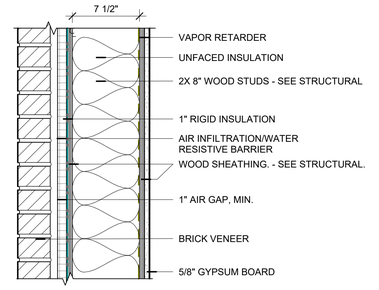
C4 W10J
1 1/2" = 1'-0"



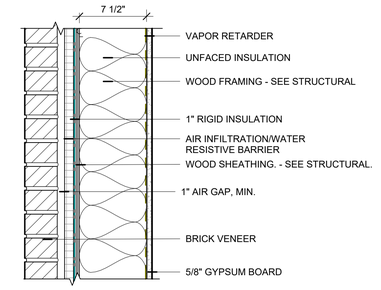
C5 W10B
1 1/2" = 1'-0"



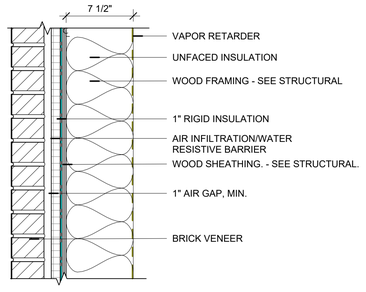
B3 EW10A
1 1/2" = 1'-0"



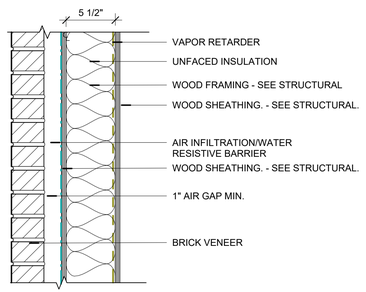
B4 EW8C
1 1/2" = 1'-0"



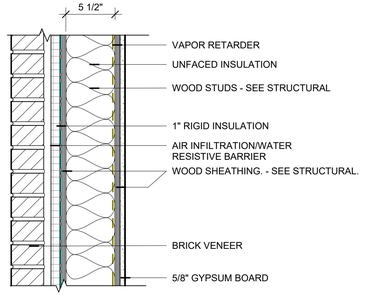
B5 EW8B
1 1/2" = 1'-0"



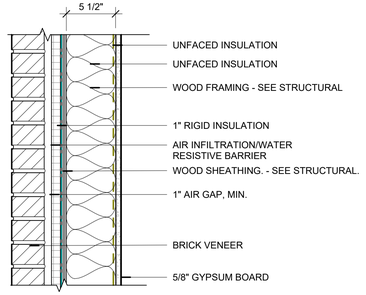
A1 EW8A
1 1/2" = 1'-0"



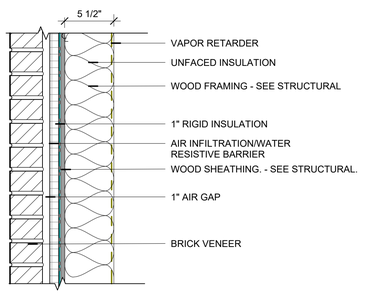
A2 EW6D
1 1/2" = 1'-0"



A3 EW6C
1 1/2" = 1'-0"



A4 EW6B
1 1/2" = 1'-0"



A5 EW6A
1 1/2" = 1'-0"

3/2/2026 7:03:04 PM

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STATE OF UTAH
ROBERT WILLIAM JOHNSON
No. 8595169-0301
LICENSED ARCHITECT
02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

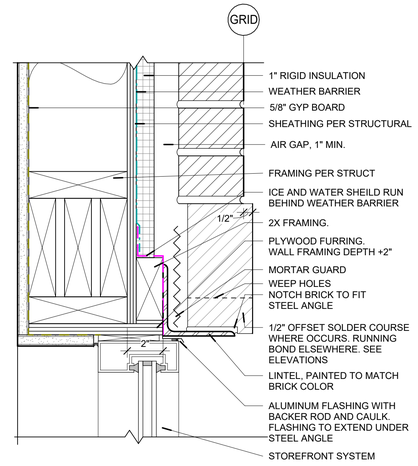
BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

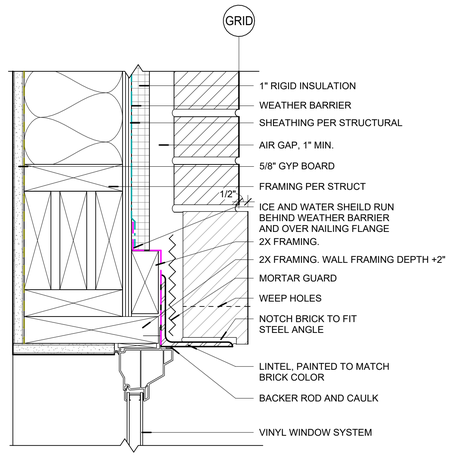
WALL TYPES

A501



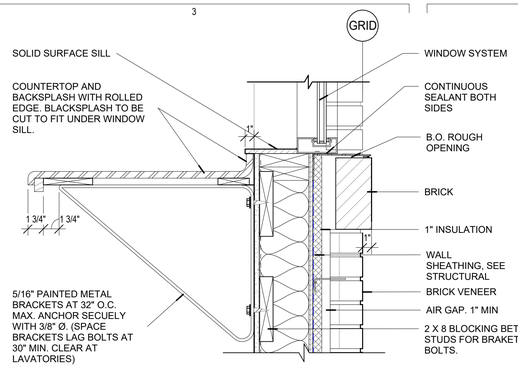
C1 STOREFRONT - EXT - HEAD - BRICK

3" = 1'-0"



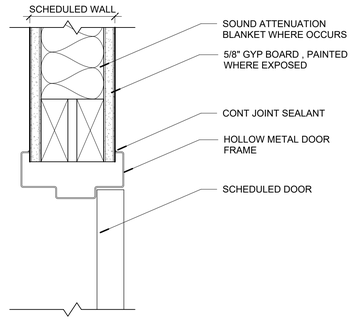
C2 WINDOW - EXT - HEAD - BRICK

3" = 1'-0"



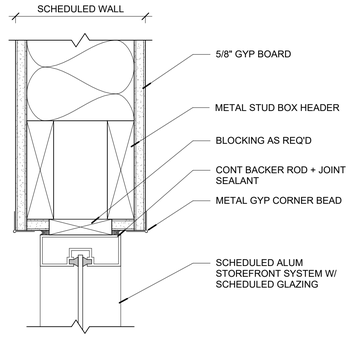
D3 WINDOW SILL-DETAIL

1 1/2" = 1'-0"



C3 HM DOOR - HEAD

B4\ A404 3" = 1'-0"



C4 STOREFRONT - INT - HEAD

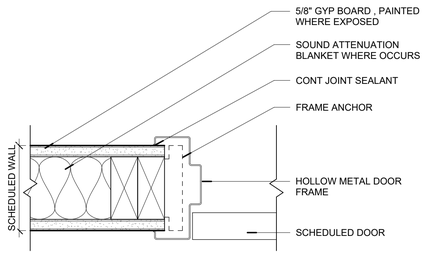
A1\ A301 3" = 1'-0"

B1 STOREFRONT - EXT - JAMB - BRICK

3" = 1'-0"

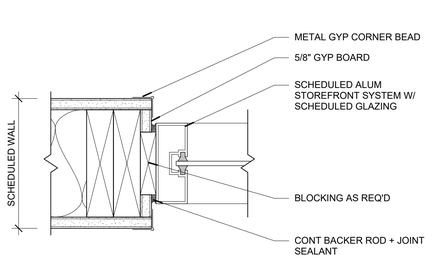
B2 WINDOW - EXT - JAMB - BRICK

3" = 1'-0"



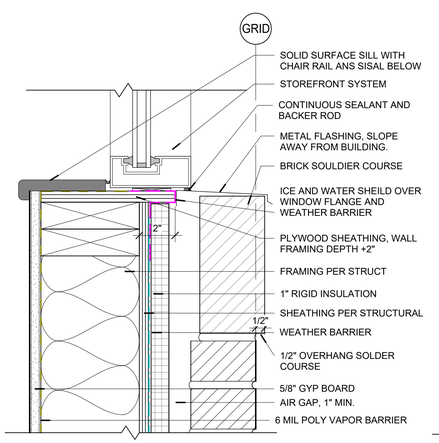
B3 HM DOOR - JAMB

B4\ A404 3" = 1'-0"



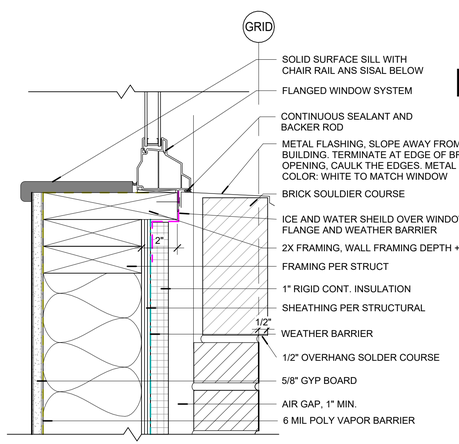
B4 STOREFRONT - INT - JAMB

8\ A610 3" = 1'-0"



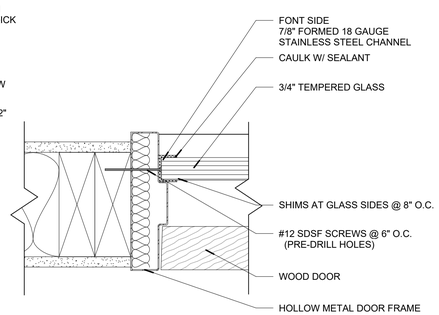
A1 STOREFRONT - EXT - SILL - BRICK

3" = 1'-0"



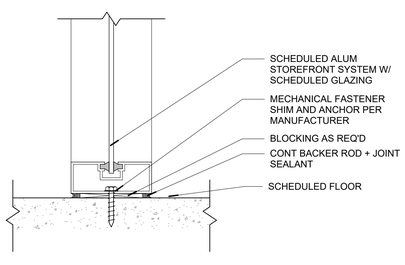
A2 WINDOW - EXT - SILL - BRICK

3" = 1'-0"



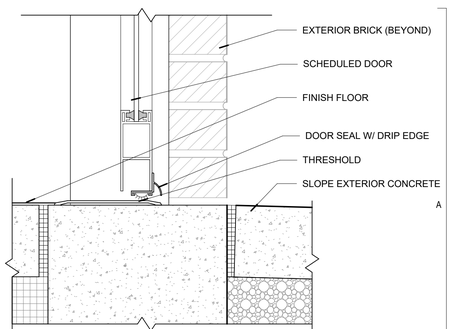
A3 FONT DOOR JAMB

3" = 1'-0"



A4 STOREFRONT - INT - SILL - SLAB

A1\ A301 3" = 1'-0"



A5 STOREFRONT - EXT - THRESHOLD

3" = 1'-0"

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STATE OF UTAH
ROBERT WAYNE JOHNSON
No. 8595188-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

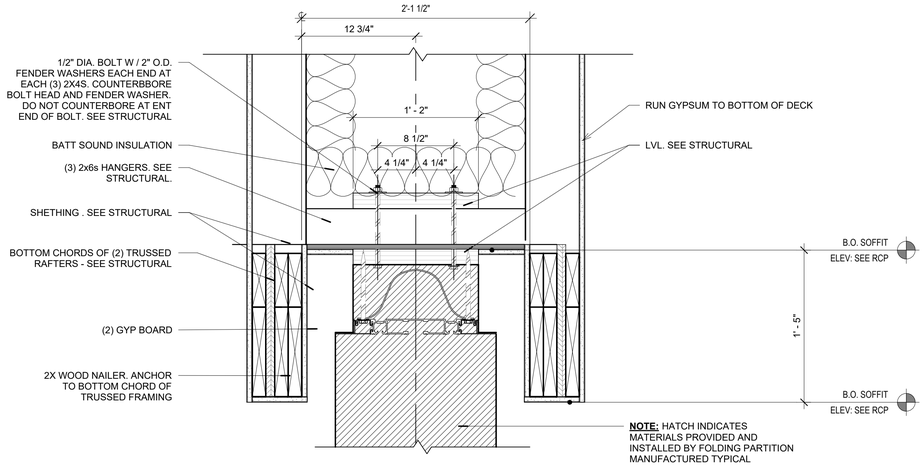
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

DOOR + WINDOW DETAILS

A510

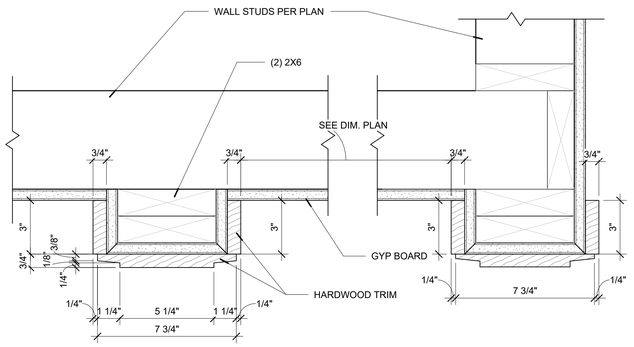
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NOTE:
REFER TO MANUFACTURER SPEC AND DETAIL

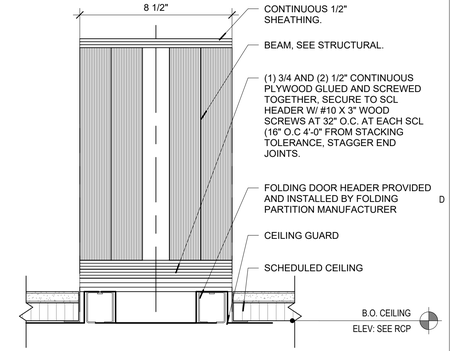
C1 FOLDING PARTITION - HEAD1

1 1/2" = 1'-0"



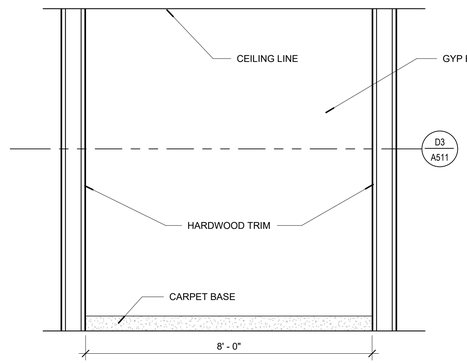
D3 TRIM - ART WALL

3" = 1'-0"



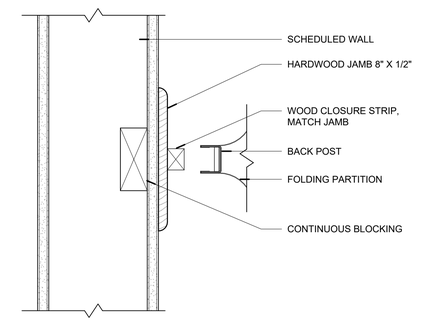
D4 FOLDING PARTITION - HEAD DETAIL

3" = 1'-0"



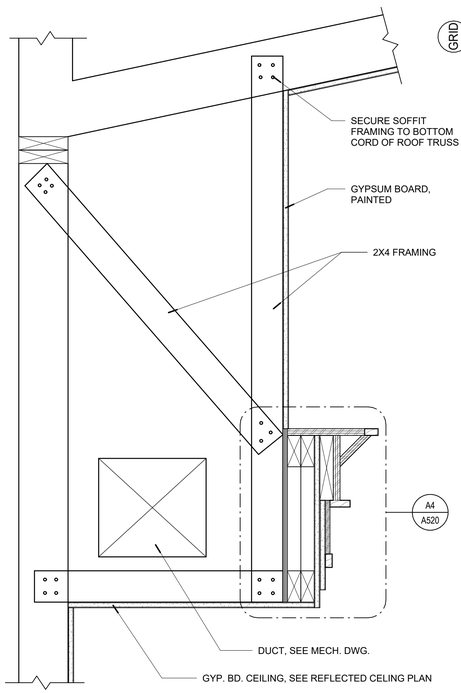
C3 ART WALL - ELEVATION

1/2" = 1'-0"



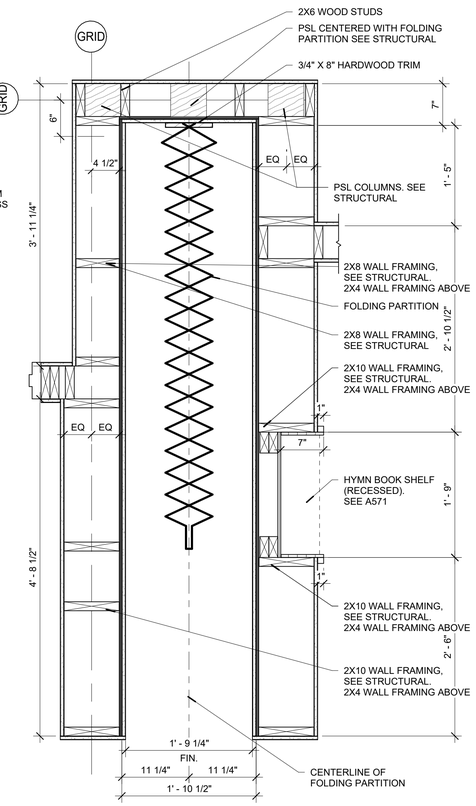
C5 FOLDING PARTITION - JAMB DETAIL 2

3" = 1'-0"



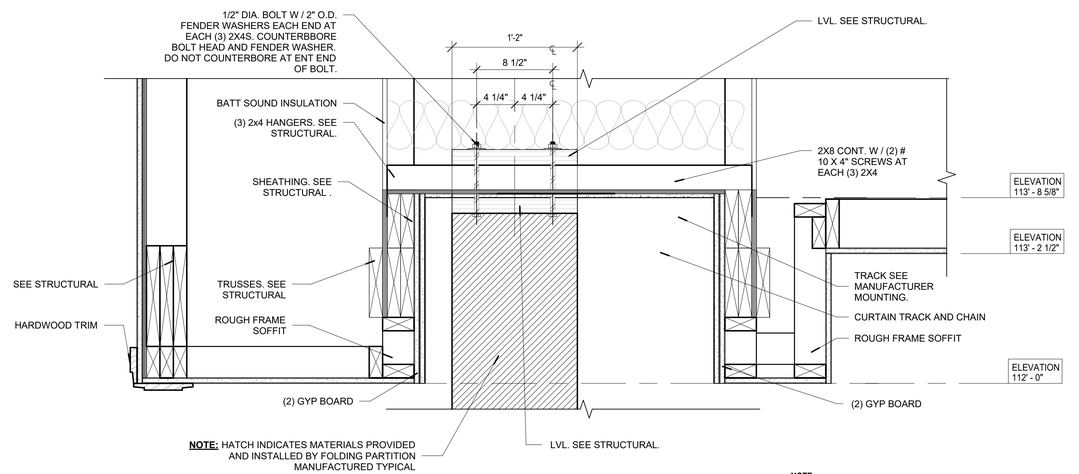
A1 SOFFIT DET.

1 1/2" = 1'-0"



A2 FOLDING PARTITION - JAMB DETAIL 02

1" = 1'-0"



NOTE:

- PAINT ALL GYPSUM BOARD AND WOOD SURFACES IN FOLDING PARTITION RECESS FLAT BLACK PRIOR TO INSTALLING FOLDING PARTITION
- REFER TO MANUFACTURER SPEC AND DETAIL

A3 FOLDING PARTITION/ CURTAIN - HEAD

1 1/2" = 1'-0"

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STATE OF UTAH
BRIAN W. JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

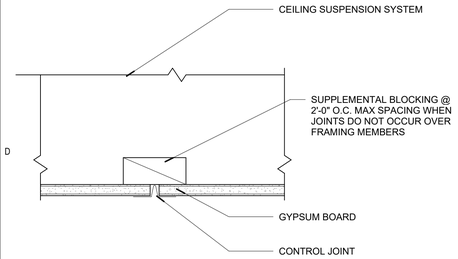
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

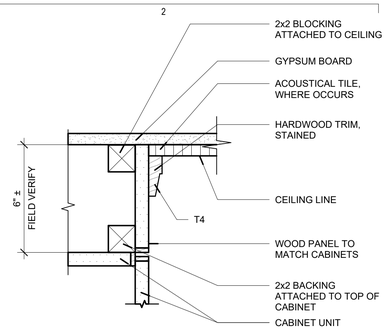
DOOR + WINDOW DETAILS

A511



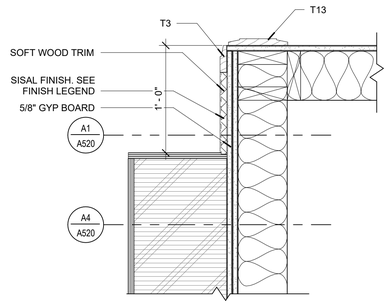
D1 GYPSUM BOARD CONTROL JOINTS

3" = 1'-0"



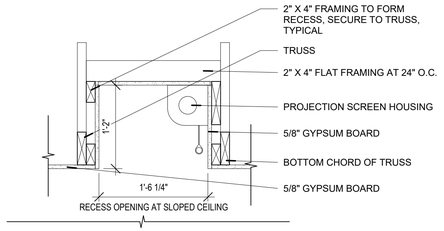
D2 SOFFIT DETAIL

3" = 1'-0"



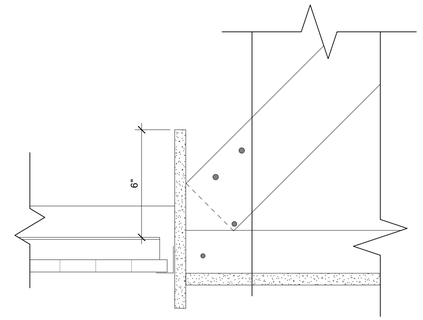
D3 SOFFIT - WALL CONNECTION DETAIL

1 1/2" = 1'-0"



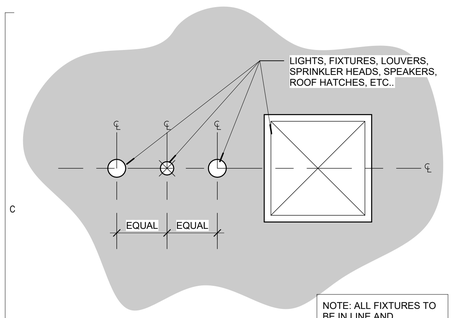
D4 PROJECTION SCREEN RECESS

A1\A110.2 1" = 1'-0"



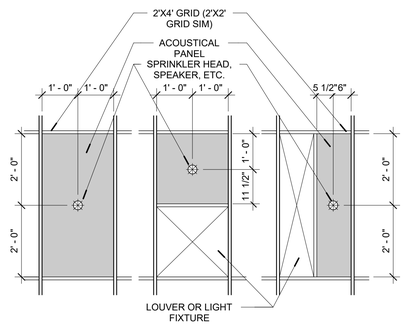
1 HIGH COUNCIL CEILING DETAIL

3" = 1'-0"



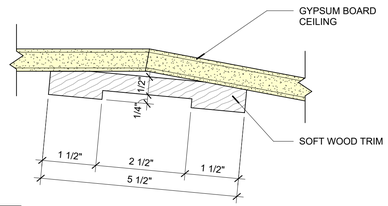
C1 GYP BOARD CEILING - FIXTURE - TYP

3/4" = 1'-0"



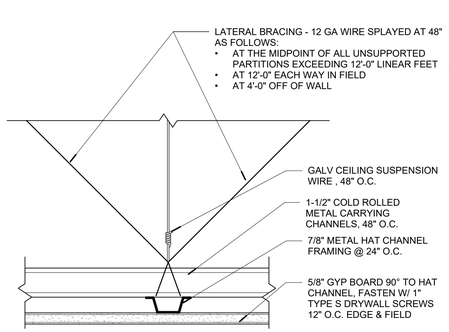
C2 CEILING TILE - PENETRATION - TYP

1/2" = 1'-0"



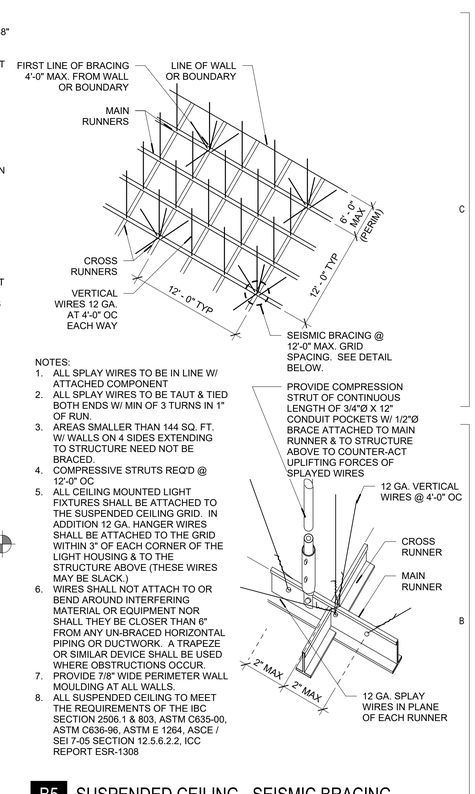
C3 CEILING TRIM

A1\.A110.2 6" = 1'-0"



C4 SUSPENDED CEILING - GYP - TYP

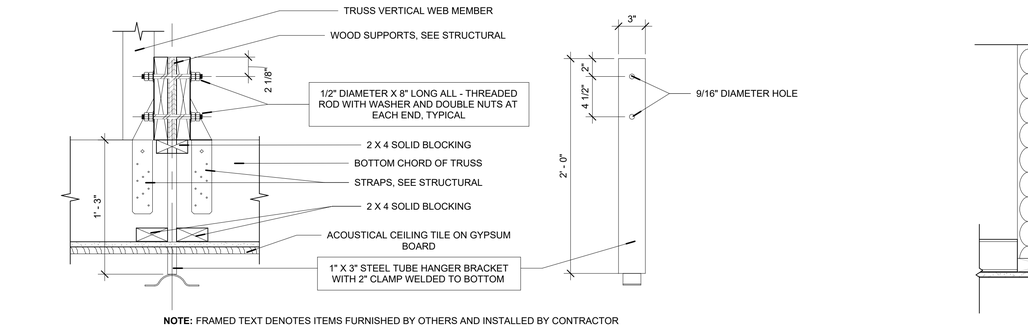
3" = 1'-0"



NOTES:
1. ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED COMPONENT
2. ALL SPLAY WIRES TO BE TAUT & TIED BOTH ENDS W/ MIN OF 3 TURNS IN 1" OF RUN.
3. AREAS SMALLER THAN 144 SQ. FT. W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE NEED NOT BE BRACED.
4. COMPRESSIVE STRUTS REQ'D @ 12'-0" OC
5. ALL CEILING MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING GRID. IN ADDITION 12 GA. HANGER WIRES SHALL BE ATTACHED TO THE GRID WITHIN 3" OF EACH CORNER OF THE LIGHT HOUSING & TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK.)
6. WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT NOR SHALL THEY BE CLOSER THAN 6" FROM ANY UN-BRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR.
7. PROVIDE 7/8" WIDE PERIMETER WALL MOULDING AT ALL WALLS.
8. ALL SUSPENDED CEILING TO MEET THE REQUIREMENTS OF THE IBC SECTION 2506.1 & 803, ASTM C635-00, ASTM C636-96, ASTM E 1264, ASCE / SEI 7-05 SECTION 12.5.6.2.2, ICC REPORT ESR-1308

B5 SUSPENDED CEILING - SEISMIC BRACING

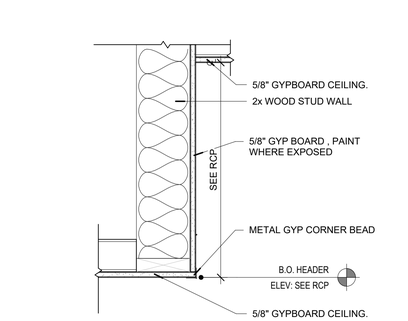
6" = 1'-0"



NOTE: FRAMED TEXT DENOTES ITEMS FURNISHED BY OTHERS AND INSTALLED BY CONTRACTOR

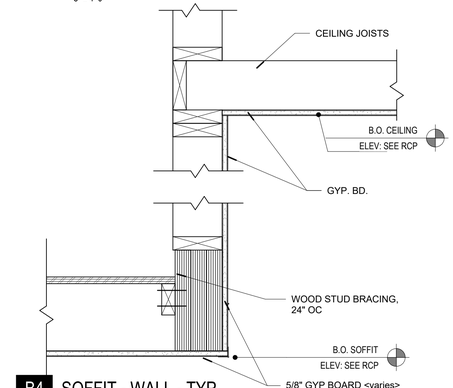
B1 BASKETBALL STANDARD MOUNTING

A1\.A110.2 1 1/2" = 1'-0"



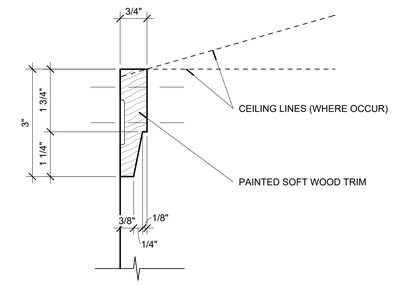
B3 SOFFIT - STEP

A1\.A110.2 1 1/2" = 1'-0"



B4 SOFFIT - WALL - TYP

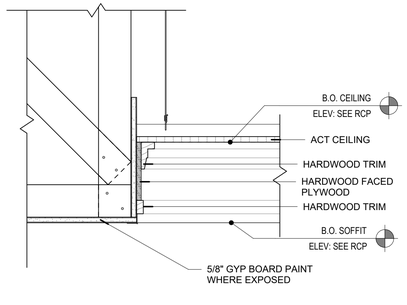
A1\.A110.2 1 1/2" = 1'-0"



A1 CEILING CROWN MOLDING DETAIL

A1\.A110.2 6" = 1'-0"

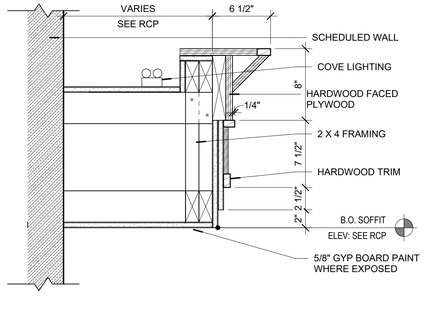
1



A2 SOFFIT - WALL - LOFTED CLASSROOM

A1\.A110.2 1 1/2" = 1'-0"

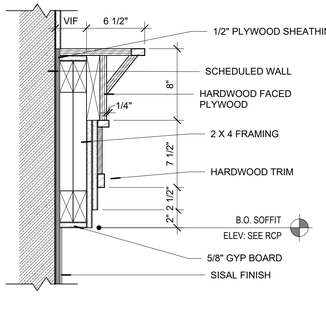
2



A3 LIGHT COVE - TRIM

A1\.A110.2 1 1/2" = 1'-0"

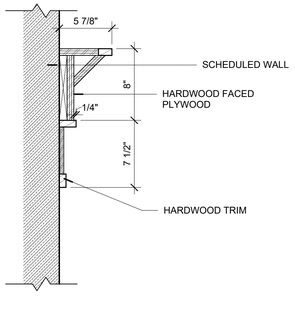
3



A4 SOFFIT - WALL - TRIM

A1\.A110.2 1 1/2" = 1'-0"

4



A5 SOFFIT - WALL - TRIM - CHAPEL

B3\.A403 1 1/2" = 1'-0"

5

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No. 8595169-0301
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LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

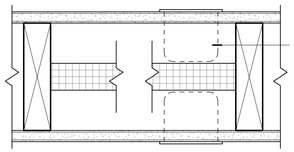
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

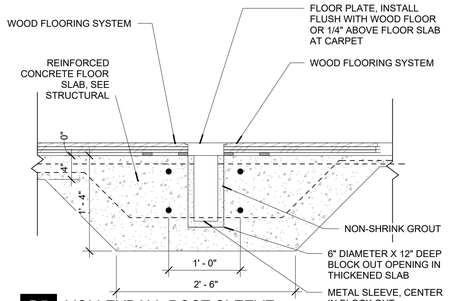
CEILING DETAILS

A520



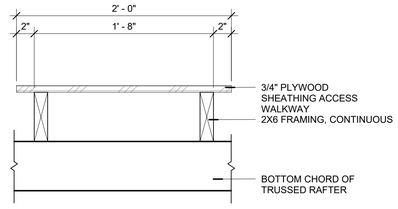
D4 ELECTRICAL DEVICE - TYP

3" = 1'-0"



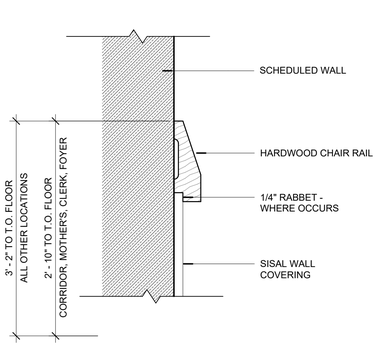
D5 VOLLEYBALL POST SLEEVE

1" = 1'-0"



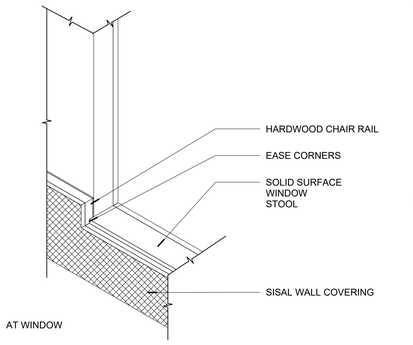
C3 ACCESS WALKWAY DETAIL

1 1/2" = 1'-0"



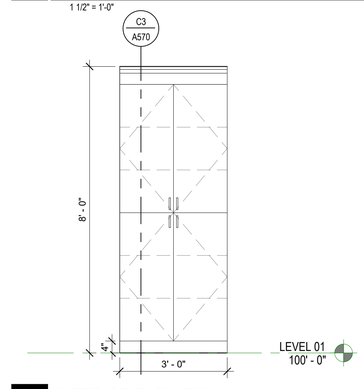
C4 CHAIR RAIL

6" = 1'-0"



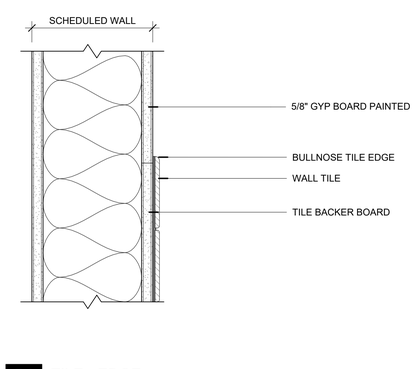
C5 CHAIR RAIL - WINDOW SILL

3/4" = 1'-0"



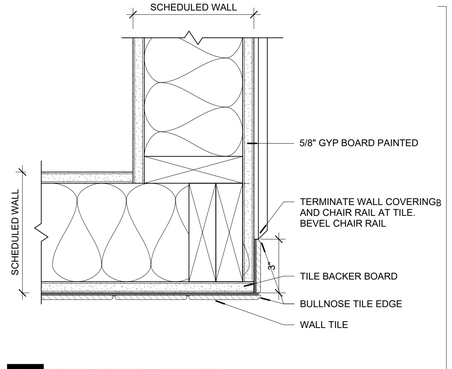
B3 INTERIOR ELEVATION

1/2" = 1'-0"



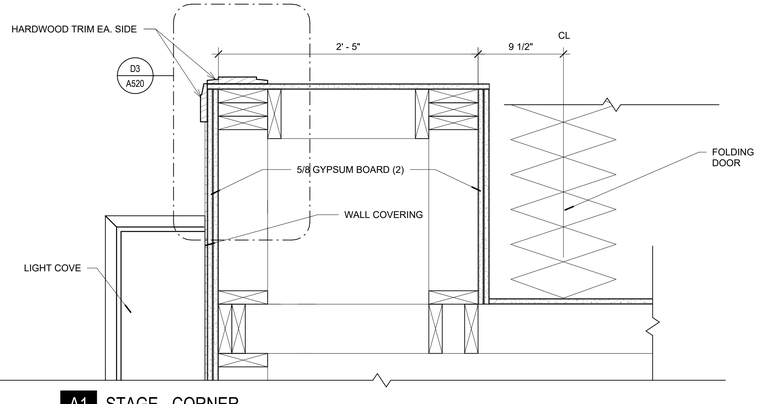
B4 TILE - EDGE

3" = 1'-0"



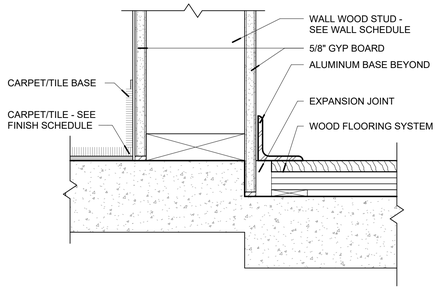
B5 TILE - EDGE - CORNER

C5\ A404 3" = 1'-0"



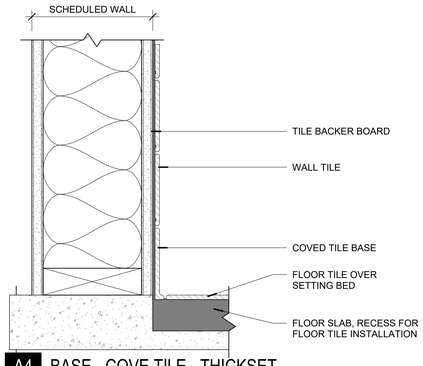
A1 STAGE - CORNER

1 1/2" = 1'-0"



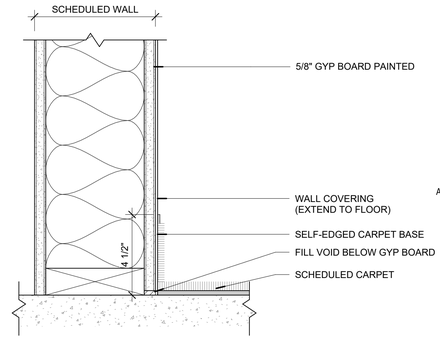
A3 RECESSED SLAB - SPORT COURT

3" = 1'-0"



A4 BASE - COVE TILE - THICKSET

3" = 1'-0"



A5 BASE - CARPET

3" = 1'-0"

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LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

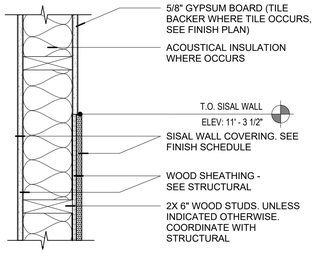
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

INTERIOR DETAILS

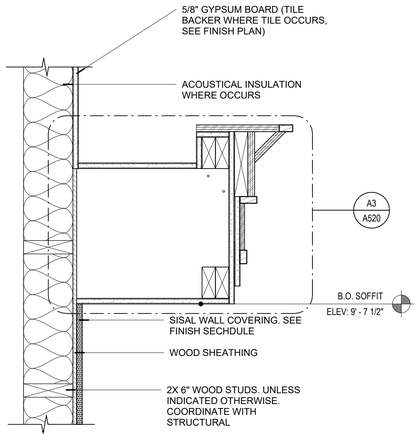
A530

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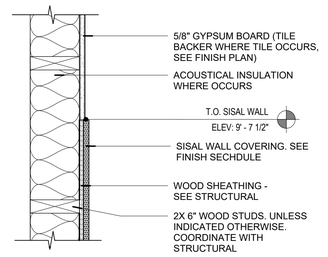
C2 WALL SECTION # 2- STORAGE

1 1/2" = 1'-0"



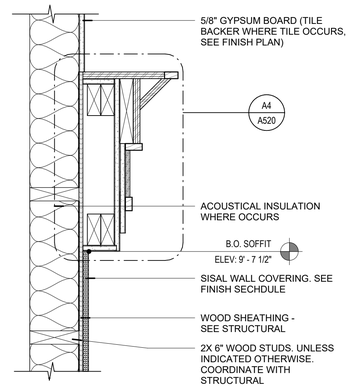
C3 WALL SECTION # 2 - CULTURAL CENTER

1 1/2" = 1'-0"



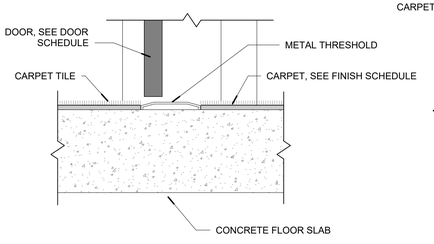
C4 WALL SECTION - FOLDING PARTITION

1 1/2" = 1'-0"



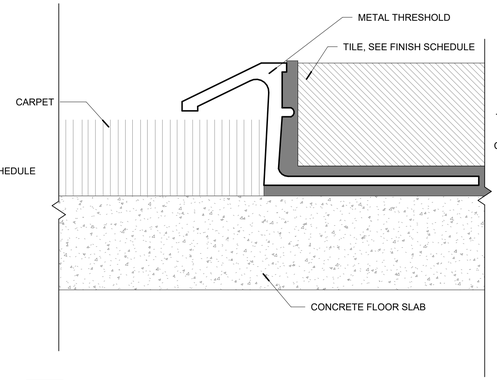
C5 WALL SECTION - CULTURAL CENTER

1 1/2" = 1'-0"



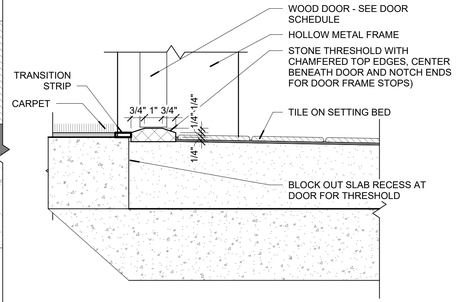
B1 THRESHOLD - CARPET TO CARPET

3" = 1'-0"



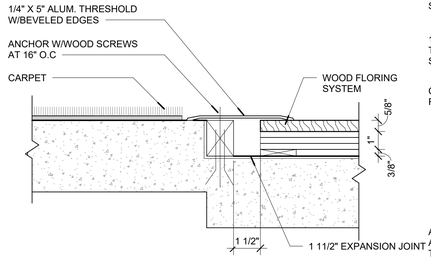
B2 THRESHOLD - TILE&CARPAET

3" = 1'-0"



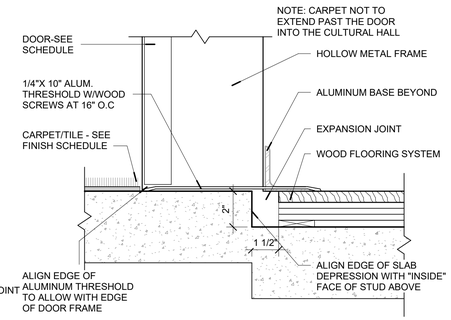
B3 THRESHOLD - STONE

3" = 1'-0"



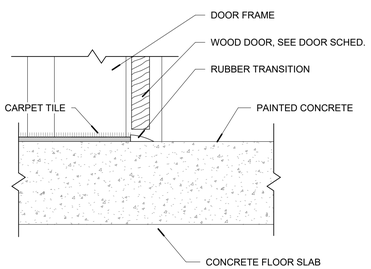
B4 THRESHOLD - RECESSED SPORT COURT

3" = 1'-0"



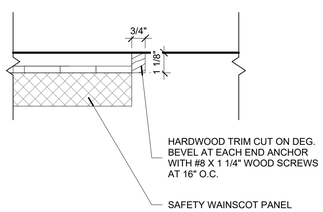
B5 THRESHOLD - RECESSED SPORT COURT

3" = 1'-0"



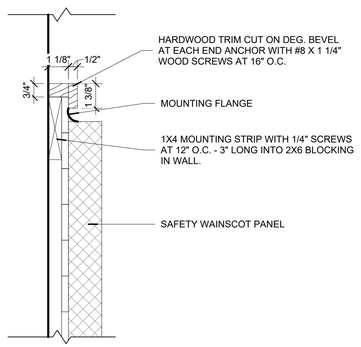
A1 THRESHOLD - CARPET TO CONCRETE

3" = 1'-0"



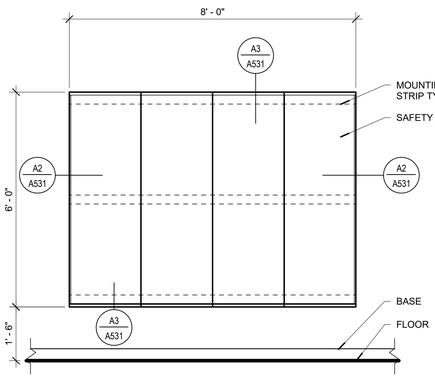
A2 SAFETY WAINSCOT DETAIL

3" = 1'-0"



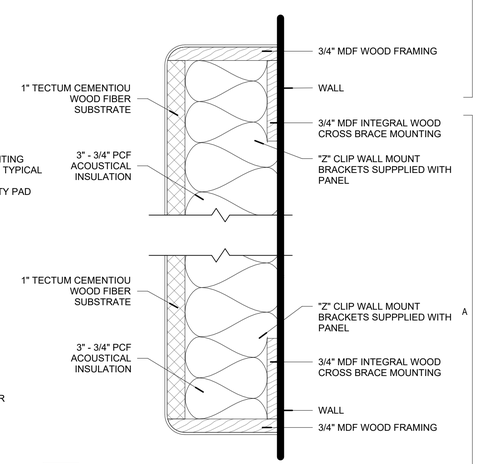
A3 SAFETY PAD DETAIL

3" = 1'-0"



A4 SAFETY PAD

1/2" = 1'-0"



A5 ACOUSTICAL PANEL DETAIL

3" = 1'-0"

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No. 8505155-0301
LICENSED ARCHITECT
02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

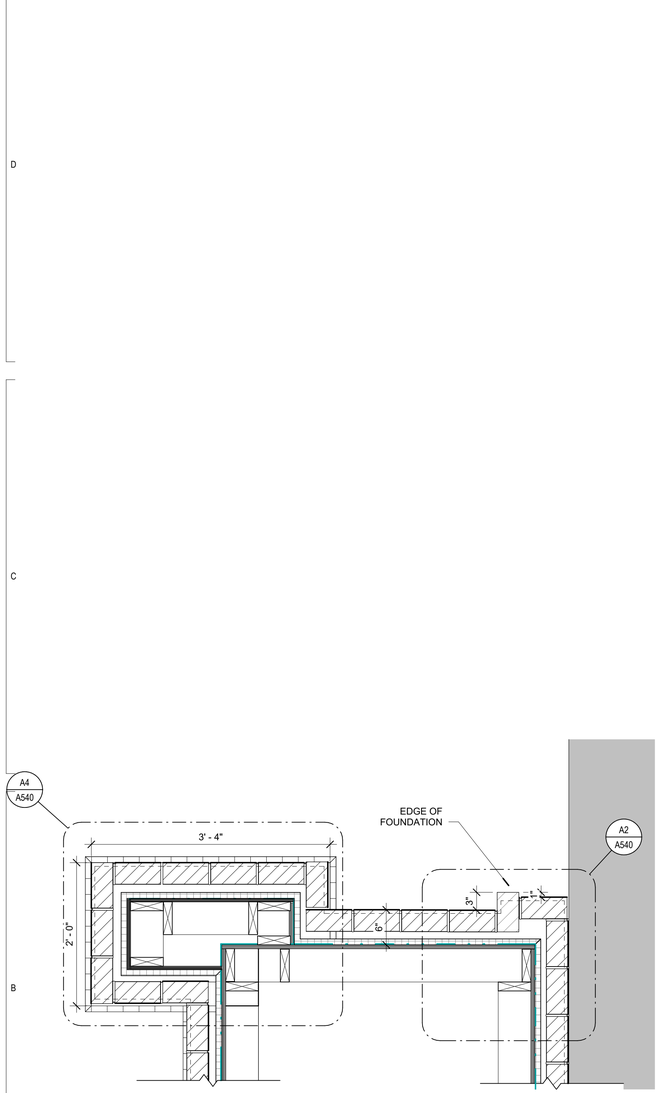
BUILDING PERMIT SUBMISSION

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DATE: 03.03.26

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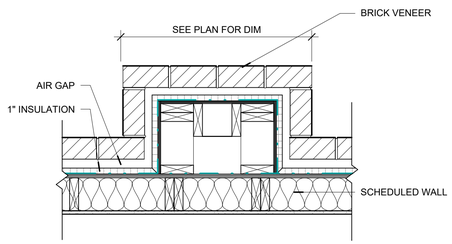
INTERIOR DETAILS

A531



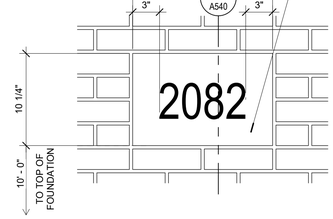
B1 PILASTER - ENLARGED

1" = 1'-0"



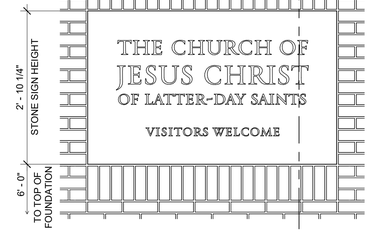
B3 PILASTER

1" = 1'-0"



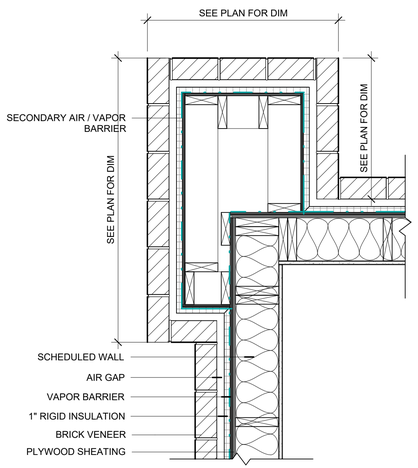
B4 ADDRESS - STONE SIGN

1 1/2" = 1'-0"



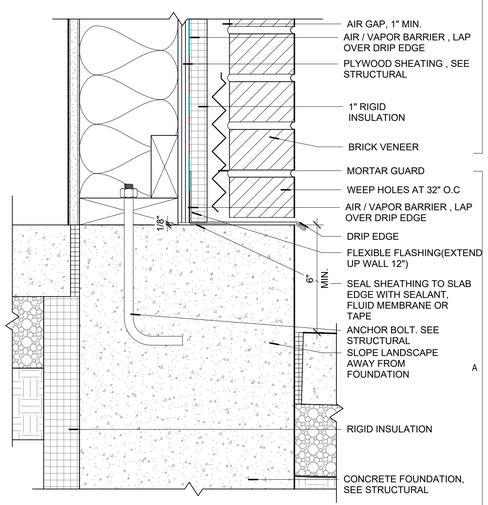
B5 MEETINGHOUSE - STONE SIGN

3/4" = 1'-0"



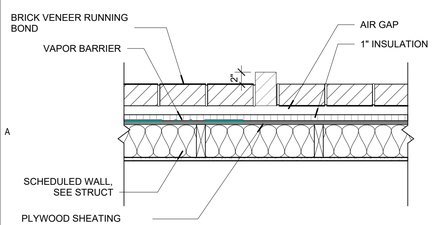
B4 PILASTER

1" = 1'-0"



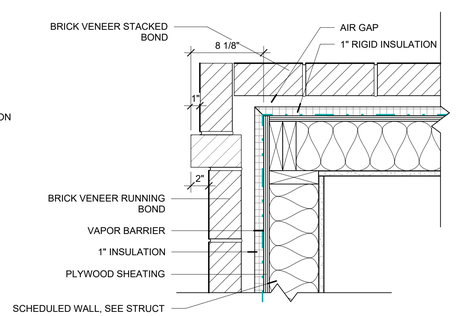
A5 FOUNDATION - BRICK - TYP

3" = 1'-0"



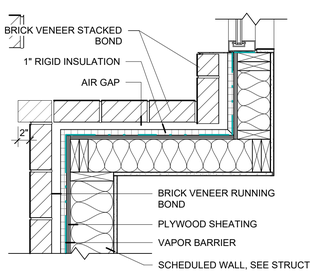
A1 BRICK COURSING - MIDDLE

1" = 1'-0"



A2 BRICK COURSING - ARCHED OPENING

1 1/2" = 1'-0"



A3 BRICK COURSING - END

1" = 1'-0"

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LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

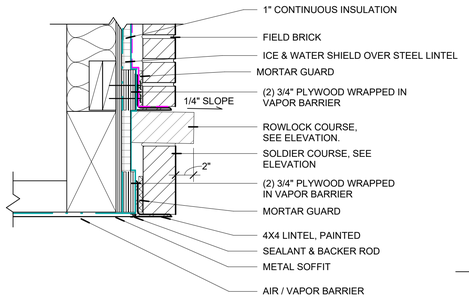
BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
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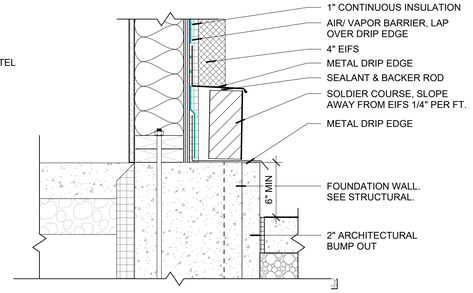
EXTERIOR DETAILS

A540



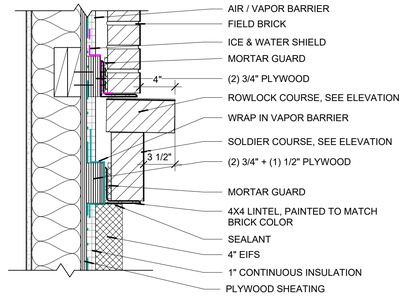
D3 BRICK - SECTION - SOFFIT

1 1/2" = 1'-0"



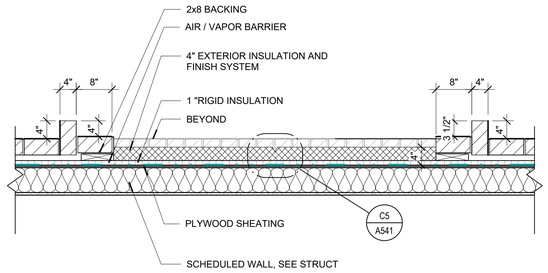
D4 FOOTING AT BRICK/ EIFS - SECTION

1 1/2" = 1'-0"



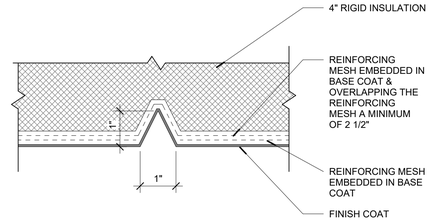
D5 EIFS - SECTION - HEADER

1 1/2" = 1'-0"



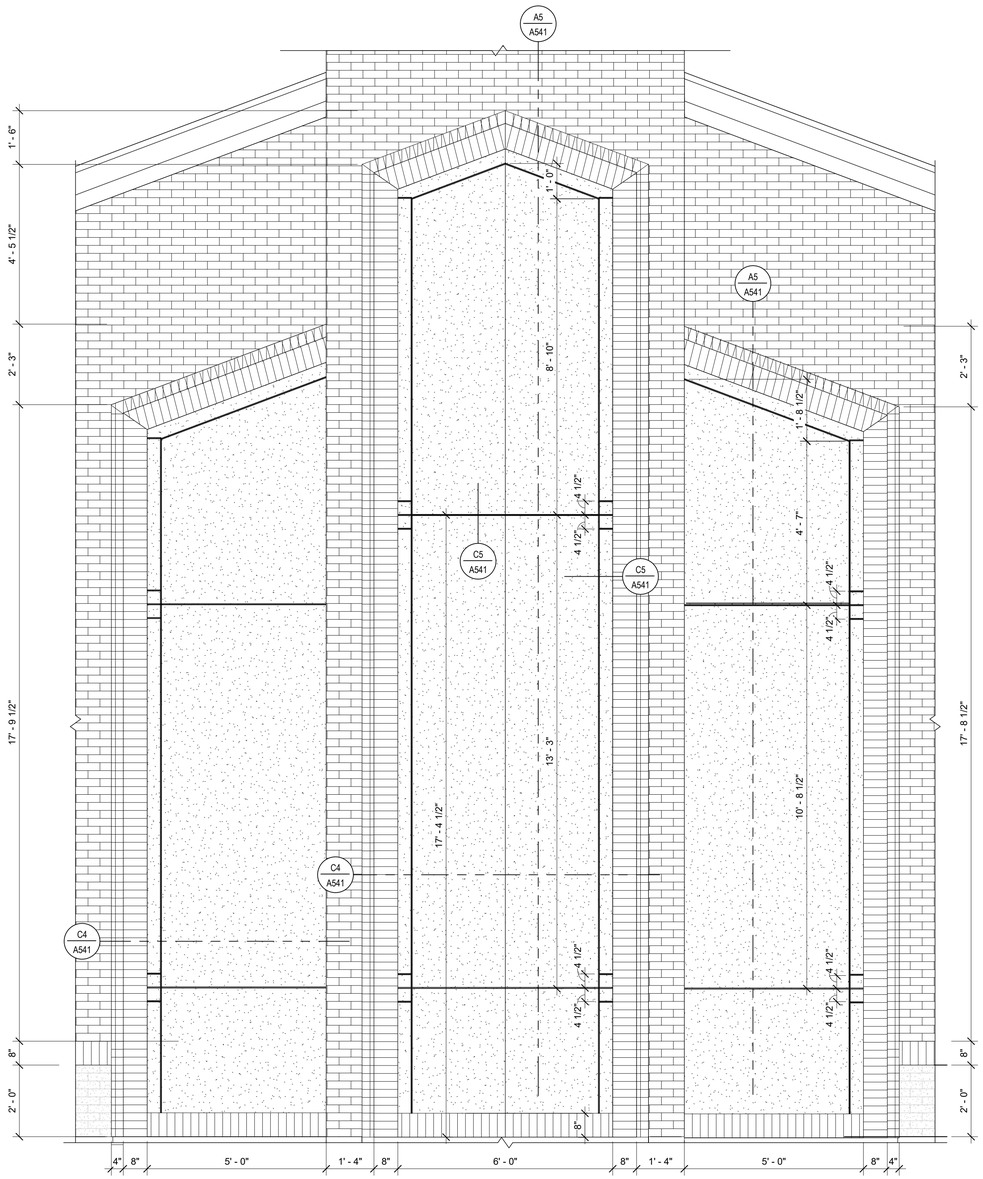
C4 EIFS PANEL - PLAN SECTION

3/4" = 1'-0"



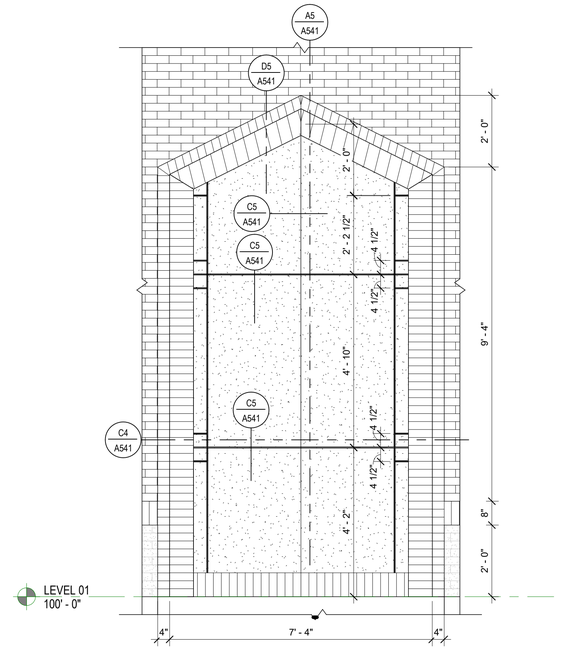
C5 EIFS - REVEAL

6" = 1'-0"



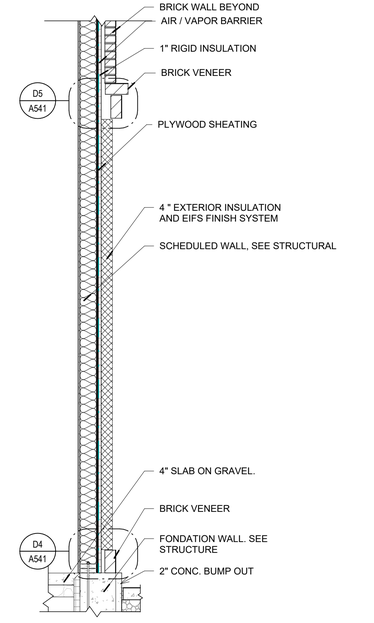
A1 EIFS PANELS

1/2" = 1'-0"



A4 EIFS PANEL

1/2" = 1'-0"



A5 EIFS - SECTION

1/2" = 1'-0"

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LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

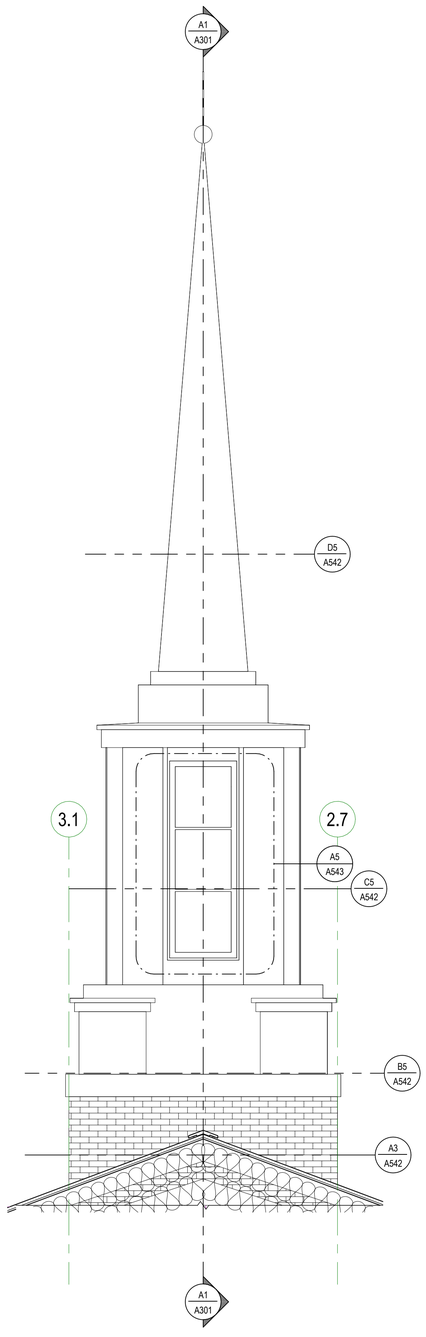
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

EXTERIOR DETAIL

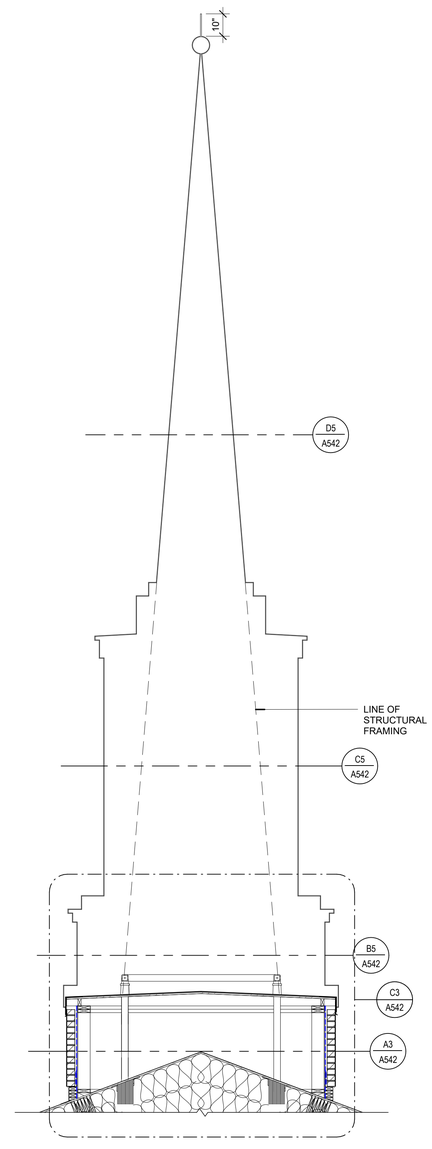
A541

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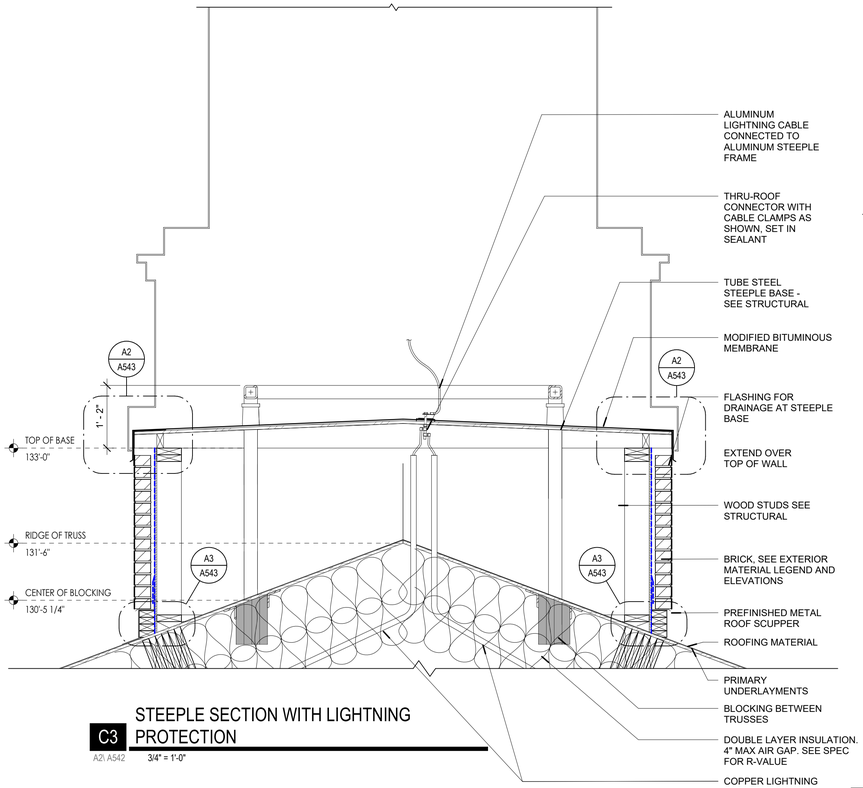
A1 STEEPLE ELEVATION

A1\ A201 3/8" = 1'-0"



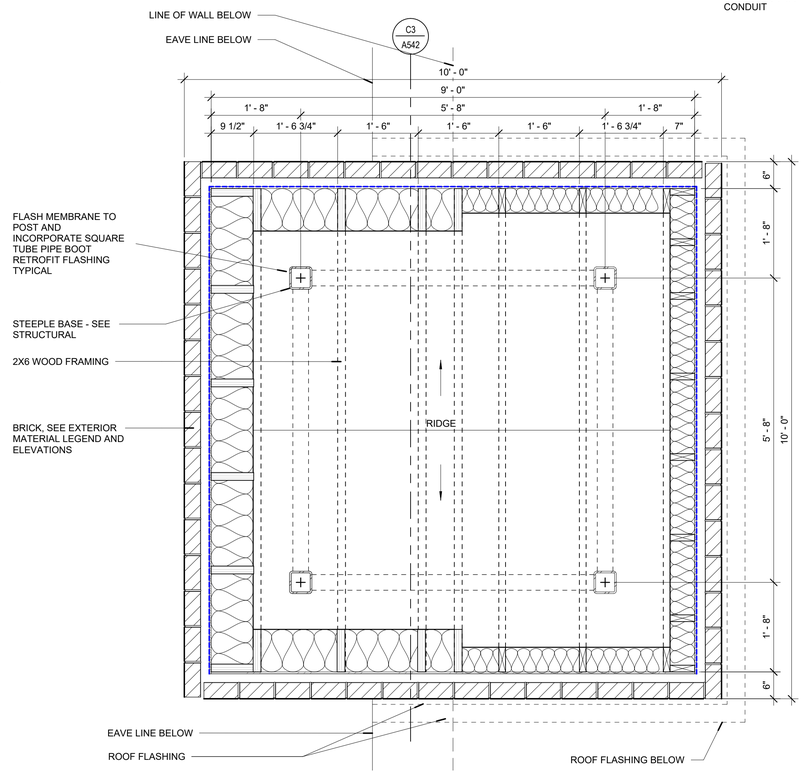
A2 STEEPLE SECTION

B5\ A542 3/8" = 1'-0"



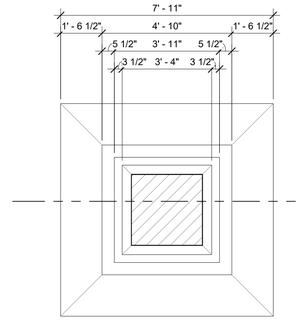
C3 STEEPLE SECTION WITH LIGHTNING PROTECTION

A2\ A542 3/4" = 1'-0"



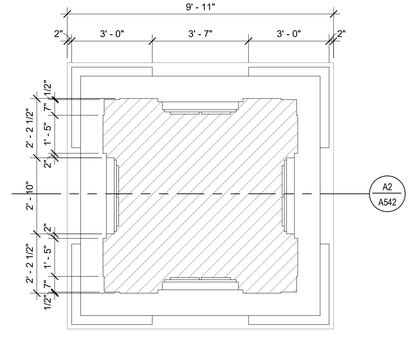
A3 STEEPLE BASE DRAINAGE

A1\ A190 3/4" = 1'-0"



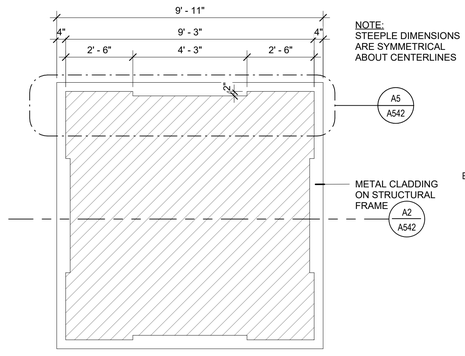
D5 STEEPLE PLAN

A1\ A542 3/8" = 1'-0"



C5 STEEPLE PLAN

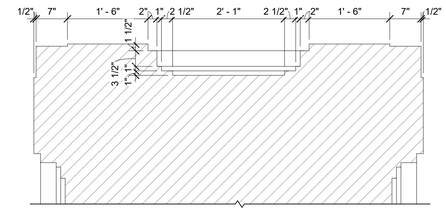
A1\ A542 3/8" = 1'-0"



B5 STEEPLE PLAN

A1\ A542 3/8" = 1'-0"

NOTE:
NUMBER AND PLACEMENT OF MUNTINS IN WINDOW ELEMENT MAY VARY DEPENDING ON STYLE OPTION SELECTED



A5 STEEPLE PLAN

B5\ A542 3/4" = 1'-0"

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LEGACY FARMS LDS STAKE CENTER #501-4029

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BUILDING PERMIT SUBMISSION

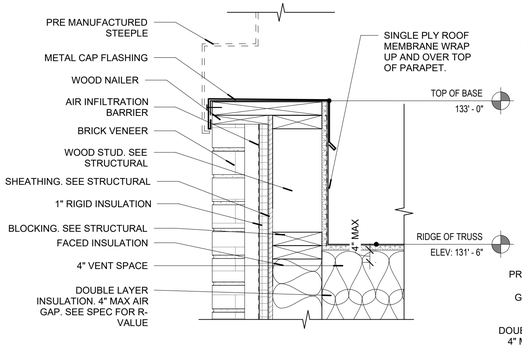
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

STEEPLE DETAILS

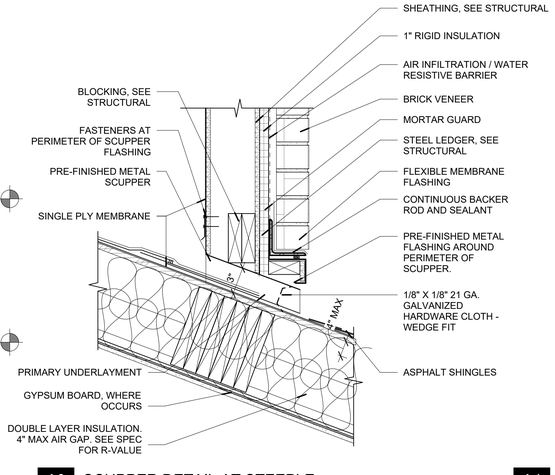
A542

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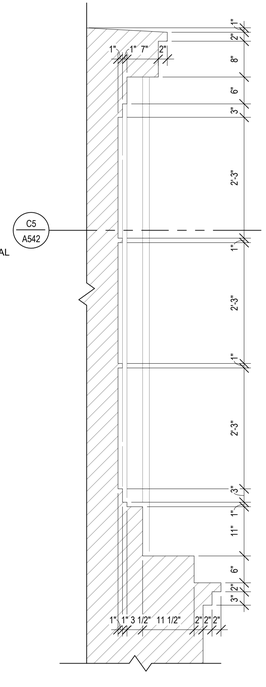
A2 FLASHING DETAIL

1 1/2" = 1'-0"



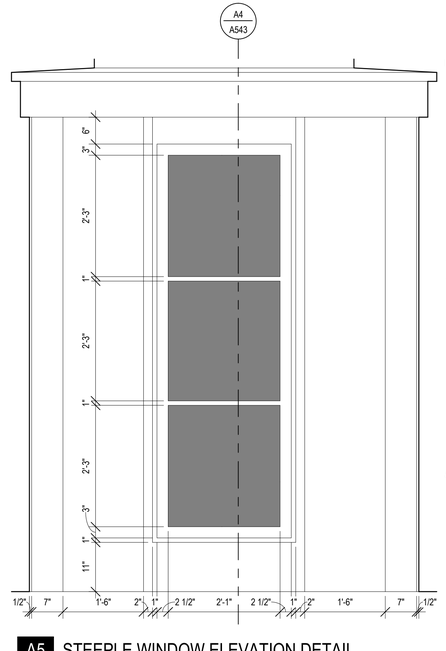
A3 SCUPPER DETAIL AT STEEPLE

1 1/2" = 1'-0"



A4 STEEPLE WINDOW - SECTION DETAIL

3/4" = 1'-0"



A5 STEEPLE WINDOW ELEVATION DETAIL

3/4" = 1'-0"

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LEGACY FARMS LDS STAKE CENTER #501-4029

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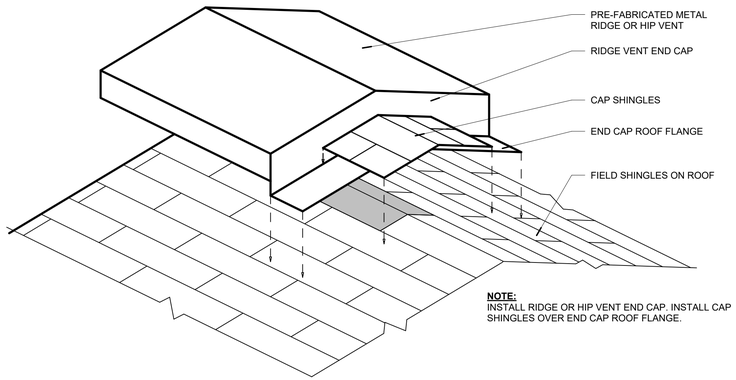
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
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REV	DATE	DESCRIPTION

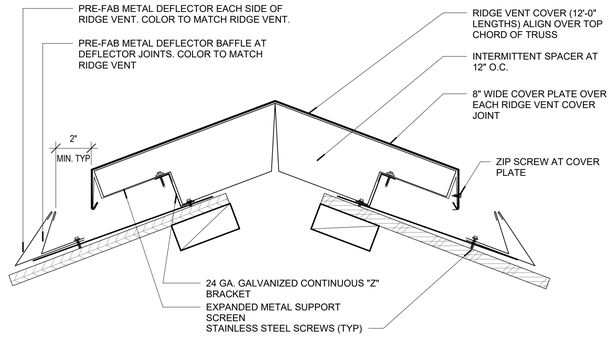
STEEPLE DETAILS

A543



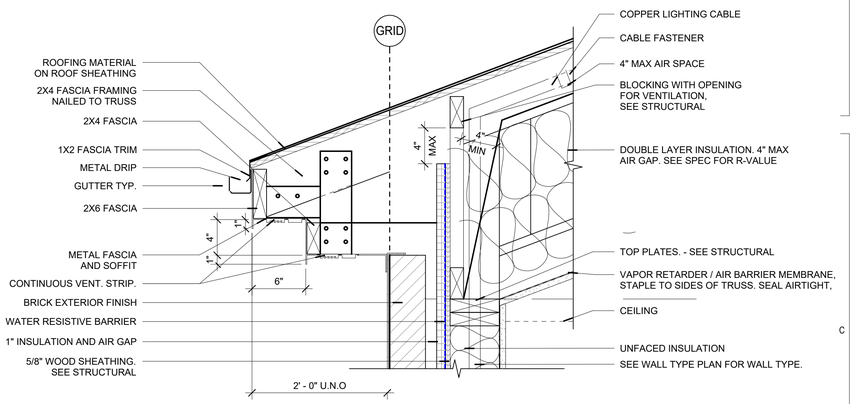
C1 ROOF - RIDGE VENT END DETAIL

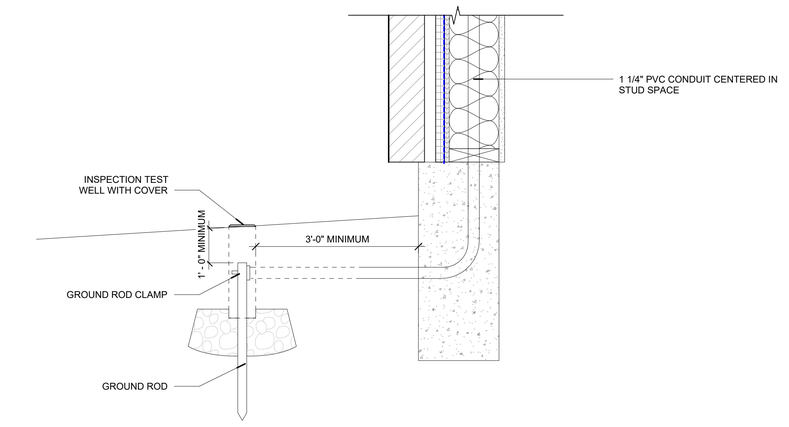
1 1/2" = 1'-0"



C2 ROOF - RIDGE VENT ENLARGED

3" = 1'-0"



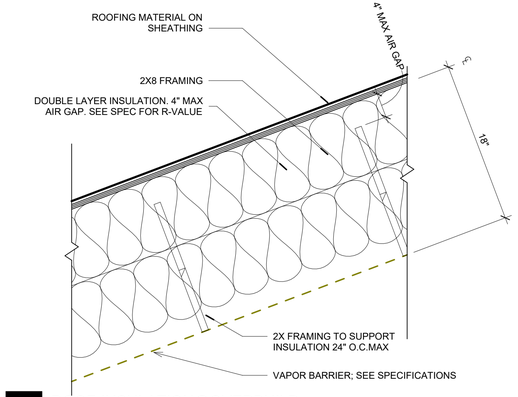


B1 ROOF - FASCIA DETAIL @ RAKE

A1\ A190 1 1/2" = 1'-0"

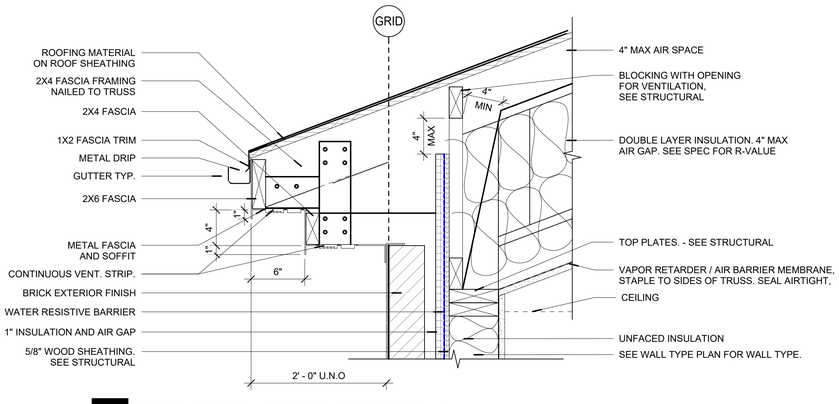
B4 CABLE ROUTING

1 1/2" = 1'-0"



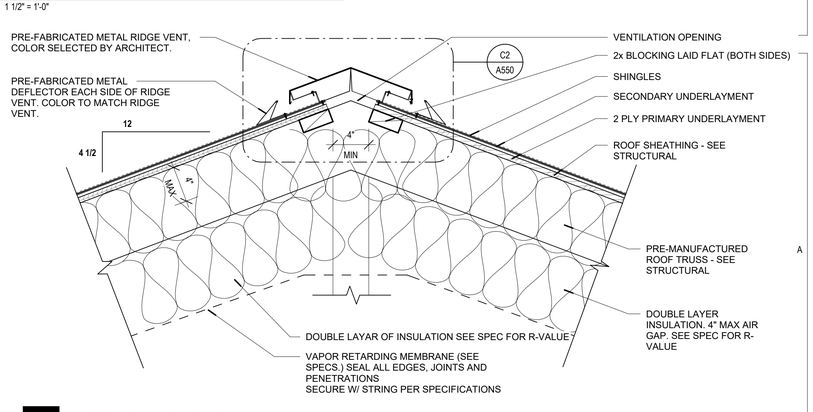
A1 ROOF-INSULATION@OVERBUILD

1 1/2" = 1'-0"



A2 ROOF - FASCIA - TYPICAL CONDITION

A1\ A190 1 1/2" = 1'-0"



A4 ROOF - RIDGE SECTION

1 1/2" = 1'-0"

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LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

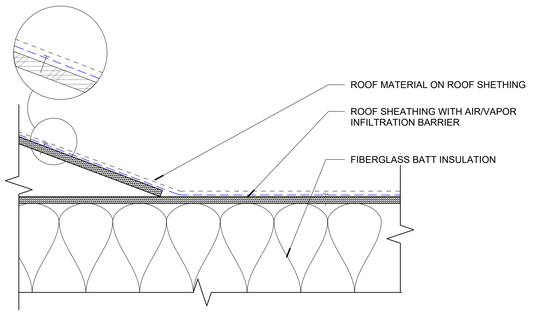
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REV	DATE	DESCRIPTION

ROOF DETAILS

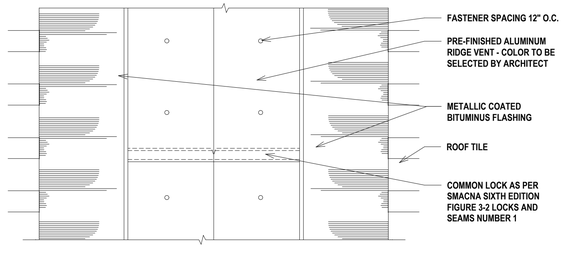
A550

3/2/2026 7:03:22 PM



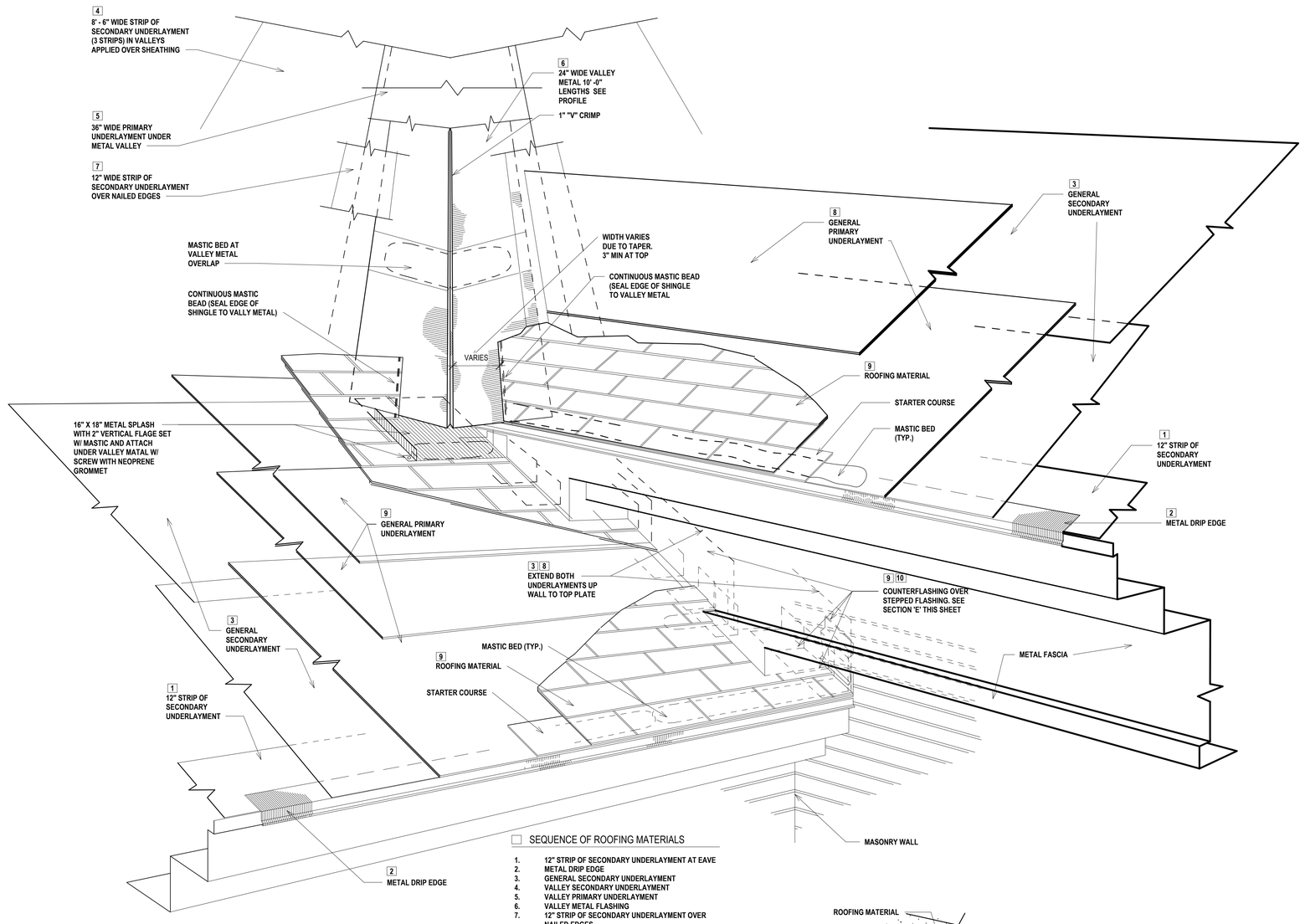
C1 ROOF VALLEY DETAIL

1 1/2" = 1'-0"



B1 RIDGE CAP PLAN

1 1/2" = 1'-0"

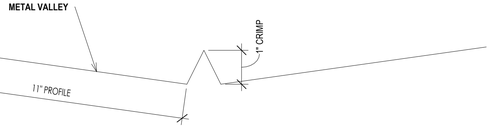


SEQUENCE OF ROOFING MATERIALS

1. 12" STRIP OF SECONDARY UNDERLAYMENT AT EAVE
2. METAL DRIP EDGE
3. GENERAL SECONDARY UNDERLAYMENT
4. VALLEY SECONDARY UNDERLAYMENT
5. VALLEY PRIMARY UNDERLAYMENT
6. VALLEY METAL FLASHING
7. 12" STRIP OF SECONDARY UNDERLAYMENT OVER NAILED EDGES
8. GENERAL PRIMARY UNDERLAYMENT
9. ASPHALT SHINGLES, STEP FLASHINGS
10. COUNTER FLASHINGS

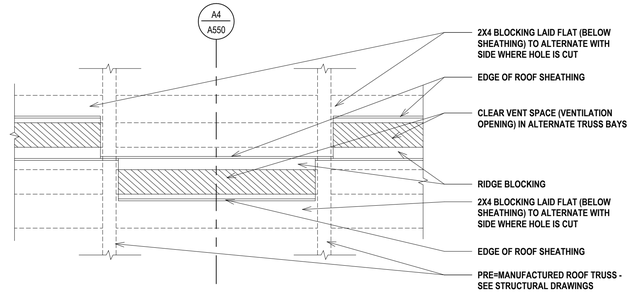
B2 ROOF - VALLEY FLASHING DETAIL - ASPHALT SHINGLES

1 1/2" = 1'-0"



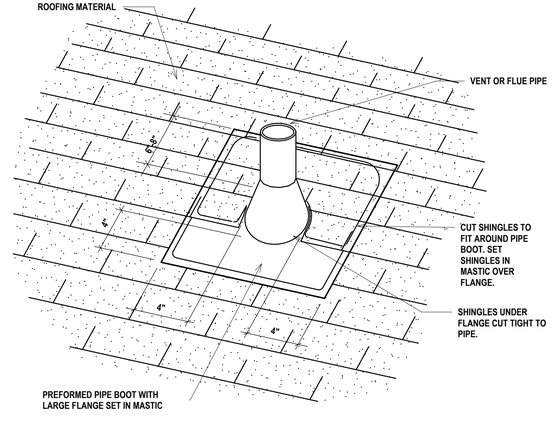
A1 VALLEY FLASHING DETAIL

3" = 1'-0"



A2 RIDGE PLAN (BELOW RIDGE CAP)

1 1/2" = 1'-0"



A4 ROOF - PIPE BOOT FLANGE DETAIL - ASPHALT SHINGLES

1/4" = 1'-0"

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BRIAN W. JOHNSON
No. 8595169-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

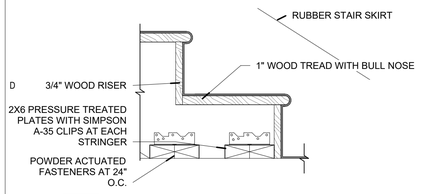
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

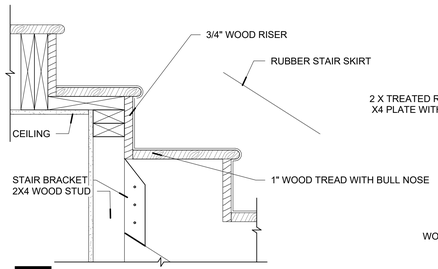
ROOF DETAILS

A551



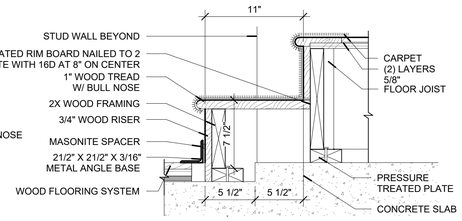
D1 STAIR BASE@CONCRETE FLOOR

1 1/2" = 1'-0"



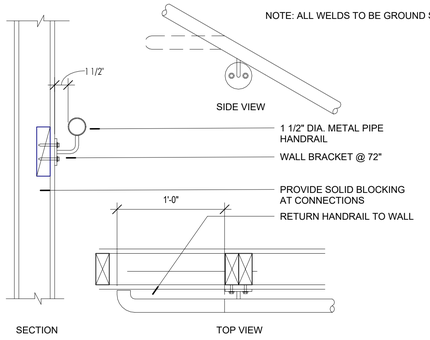
D2 STAIR AT EQUIPMENT PLATFORM

1 1/2" = 1'-0"



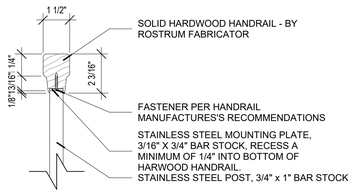
D4 STAIR SECTION -PLATFORM

1 1/2" = 1'-0"



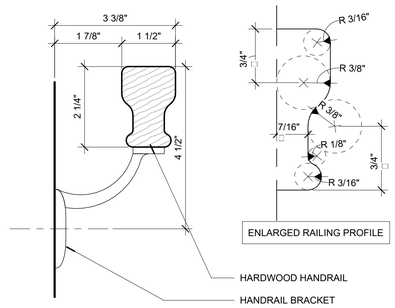
B2 HANDRAIL - METAL PIPE SECTION

1 1/2" = 1'-0"



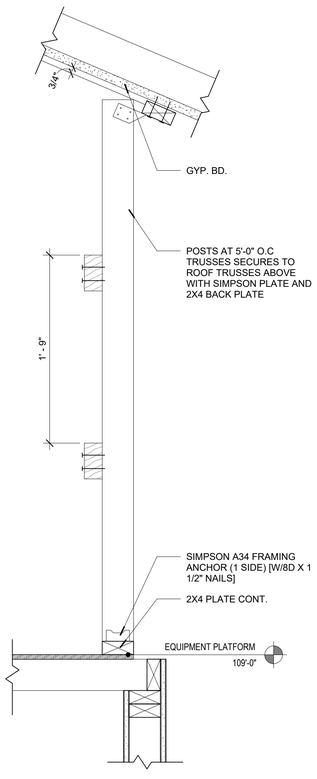
B3 TYPICAL HANDRAIL PROFILE DETAIL

D4| A452 3" = 1'-0"



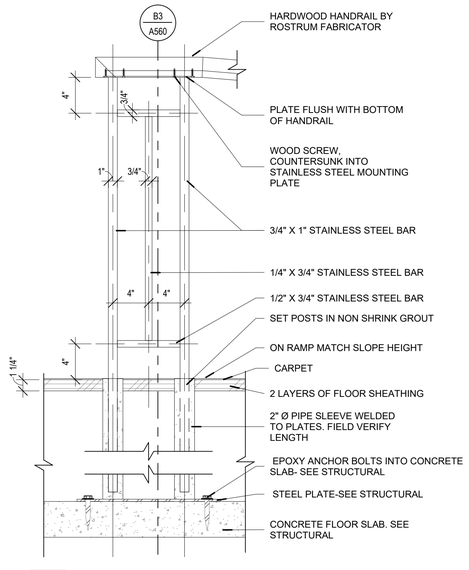
B4 HANDRAIL SECTION

6" = 1'-0"



A1 EQUIPMENT PLATAFORM RAILING DETAIL

1 1/2" = 1'-0"



A2 ROSTRUM HANDRAIL DETAIL

1 1/2" = 1'-0"

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STATE OF UTAH
BRANDON JOHNSON
No. 8535155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

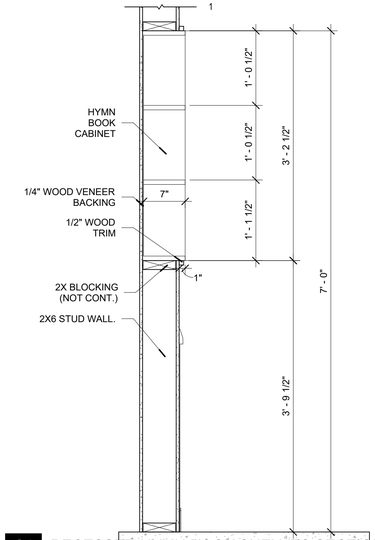
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

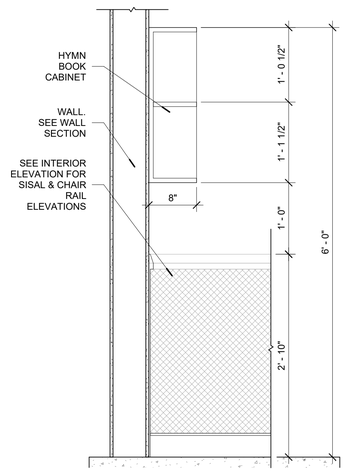
VERTICAL CIRCULATION DETAILS

A560



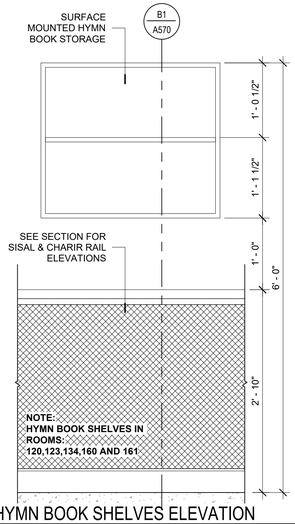
C1 RECESSED HYMN BOOK SHELVES SECTION

1" = 1'-0"



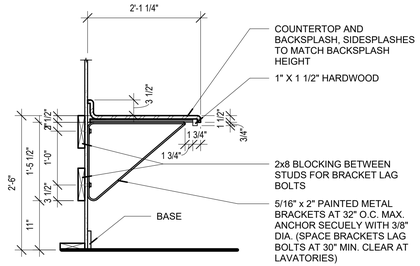
B1 HYMN BOOK SHELVES SECTION

1" = 1'-0"



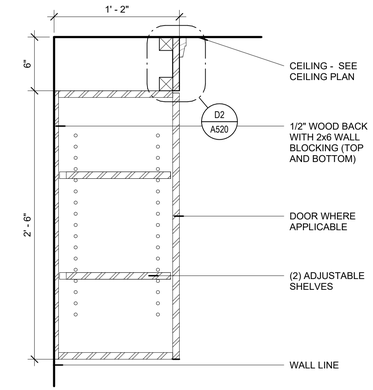
A1 HYMN BOOK SHELVES ELEVATION

1" = 1'-0"



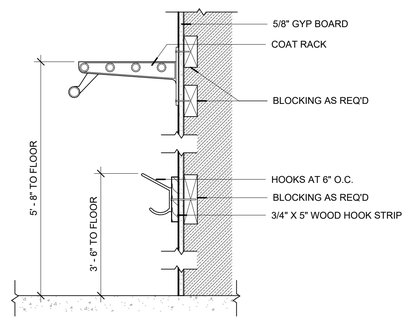
D2 MOTHER'S ROOM COUNTERTOP SECTION

3/4" = 1'-0"



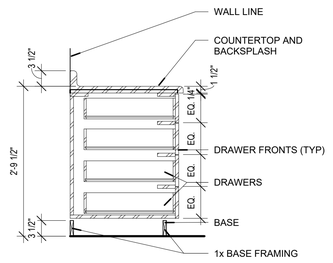
C2 UPPER CABINET - TYPE

1 1/2" = 1'-0"



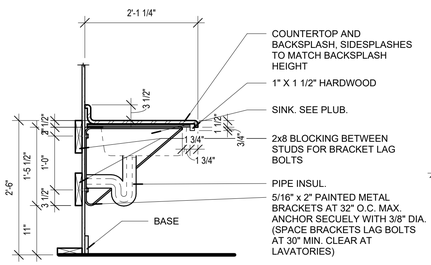
B2 COAT RACK DETAIL

A1\ A110.1 1 1/2" = 1'-0"



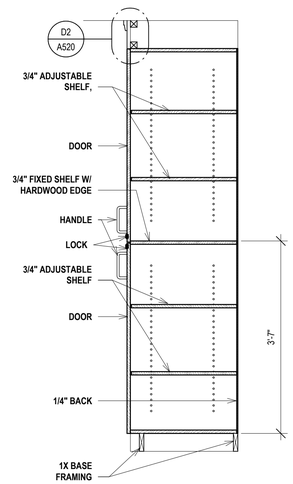
A2 COUNTER TOP-DRAWERS

C4\ A404 3/4" = 1'-0"



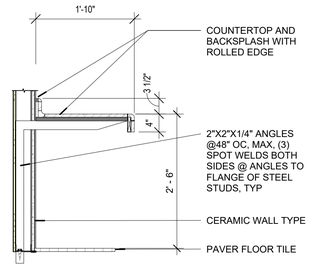
D3 MOTHERS ROOM COUNTERTOP SECTION W / SINK

3/4" = 1'-0"



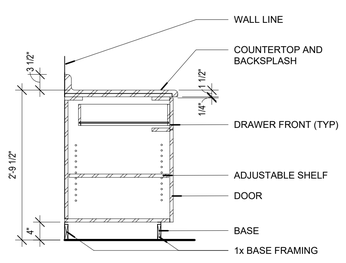
C3 CABINET SECTION

3/4" = 1'-0"



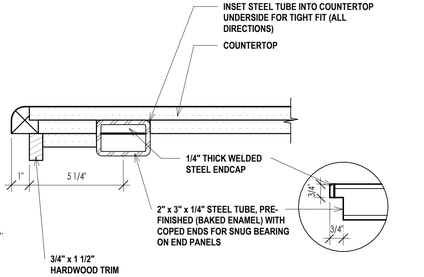
B3 SECTION

A1\ A404 3/4" = 1'-0"



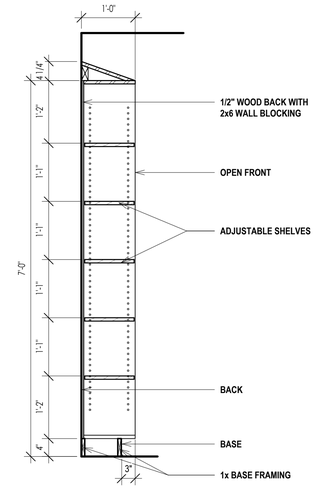
A3 COUNTERTOP- DRAWER

A1\ A405 3/4" = 1'-0"



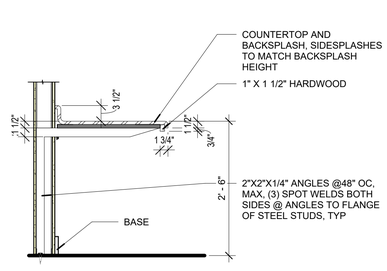
D4 COUNTERTOP SUPPORT

3" = 1'-0"



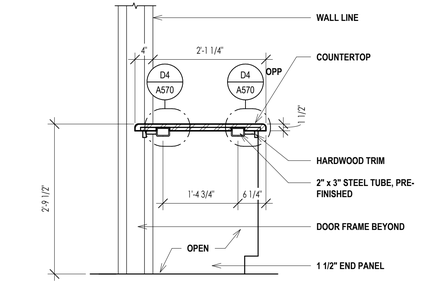
C4 MATERIAL CENTER CABINET

3/4" = 1'-0"



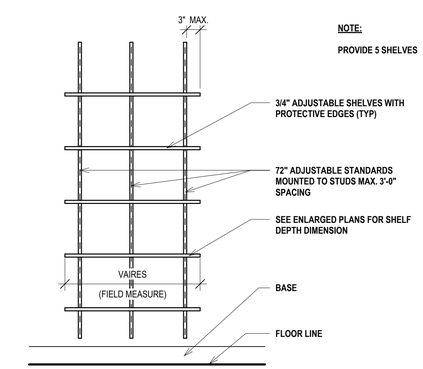
B4 SECTION

3/4" = 1'-0"



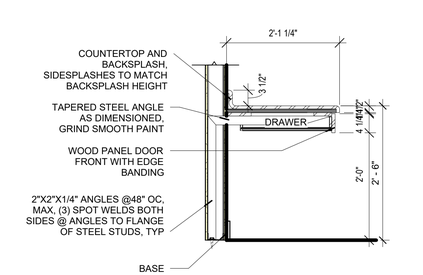
D5 KITCHEN COUNTERTOP SECTION

3/4" = 1'-0"



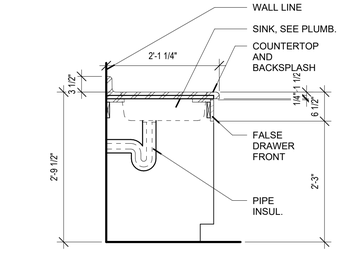
C5 SHELVING AREA

3/4" = 1'-0"



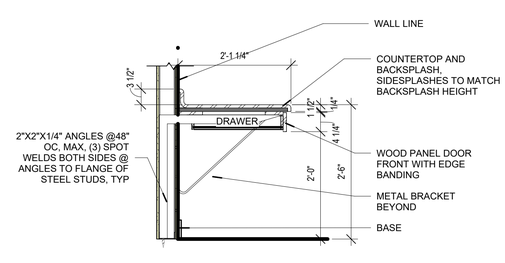
B5 SECTION

3/4" = 1'-0"



A4 BASE - SINK

A1\ A405 3/4" = 1'-0"



A5 SECTION

C1\ A405 3/4" = 1'-0"

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STATE OF UTAH
ROBERT W. JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

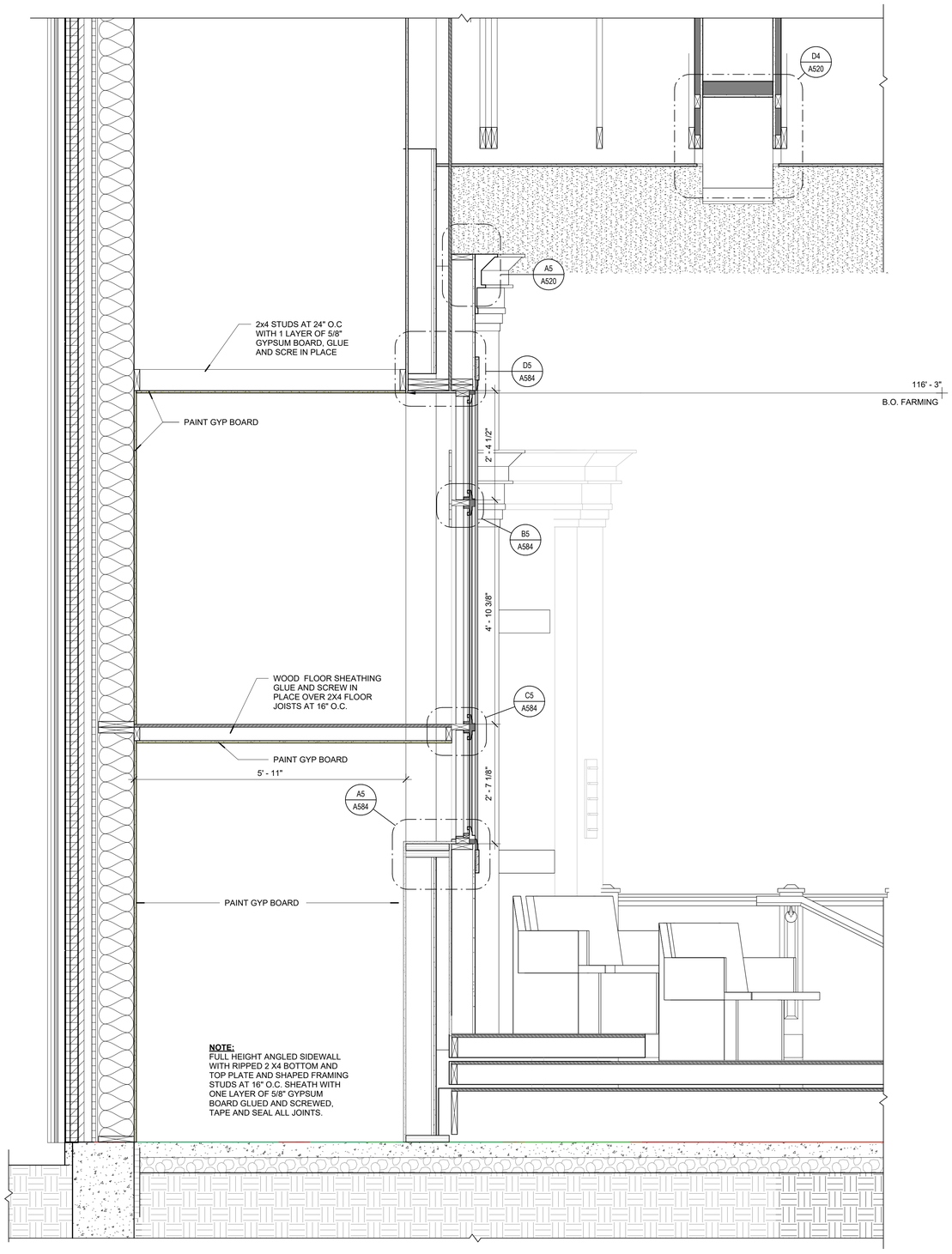
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

CASEWORK DETAILS

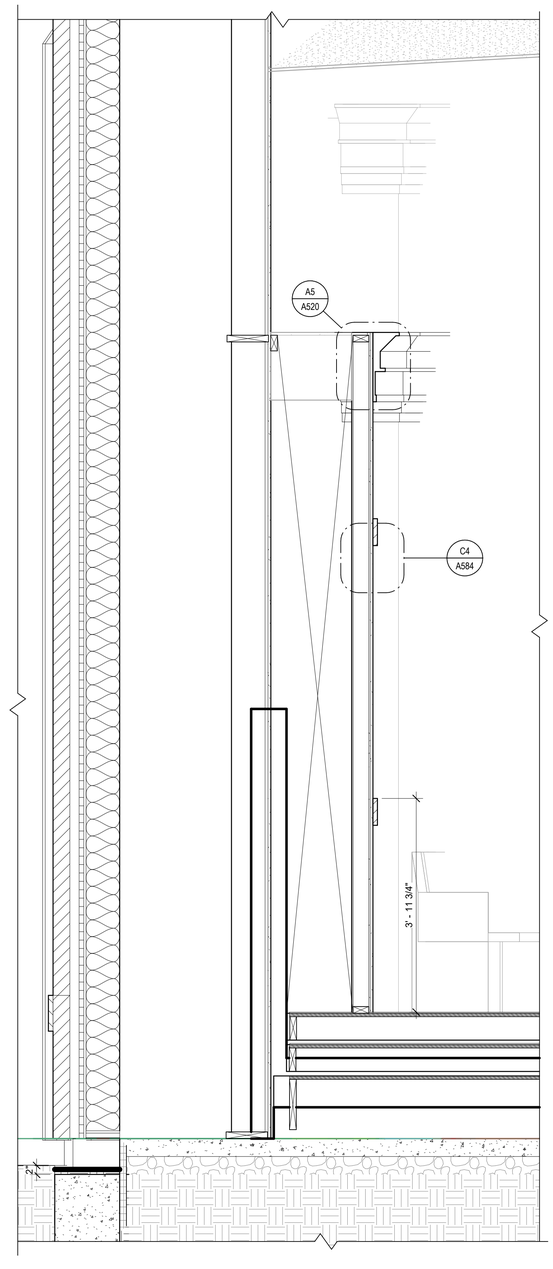
A570

3/2/2026 7:03:31 PM



A1 SECTION AT ROSTRUM

3/4" = 1'-0"



A4 SECTION AT ROSTRUM

3/4" = 1'-0"

3/2/2026 7:03:33 PM

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02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

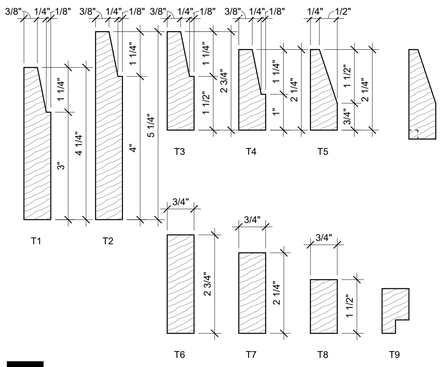
BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

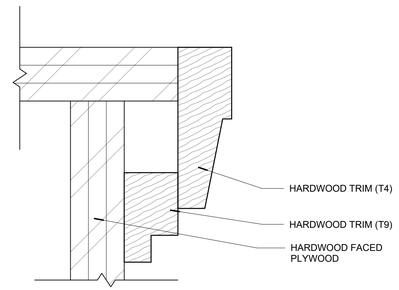
ROSTRUM FRONT WALL DETAILS

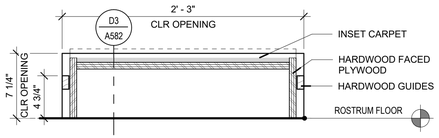
A581



PROFILE - HARDWOOD TRIM

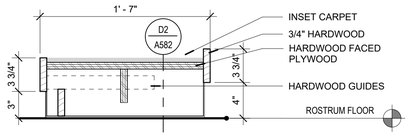
6" = 1'-0"





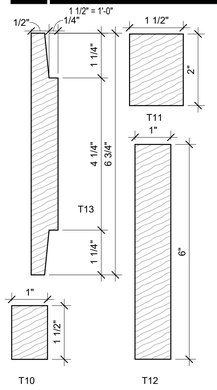
D2 PULL-OUT STEP

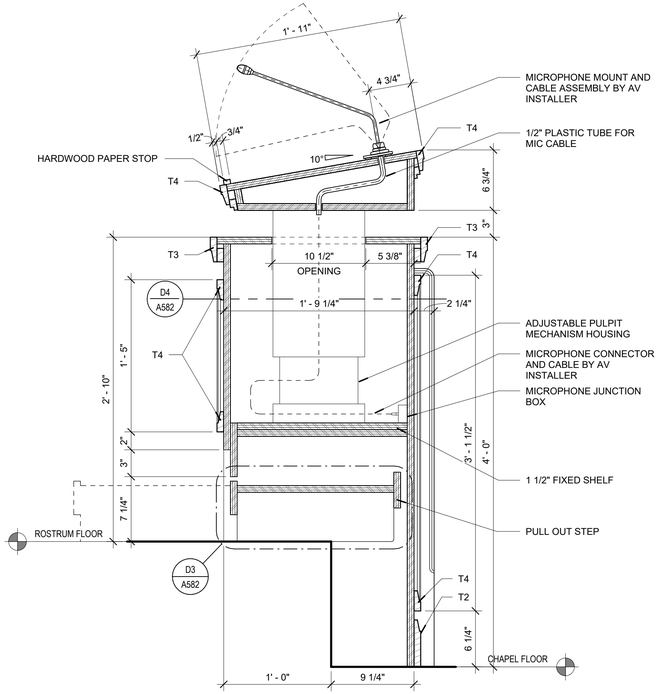
1 1/2" = 1'-0"

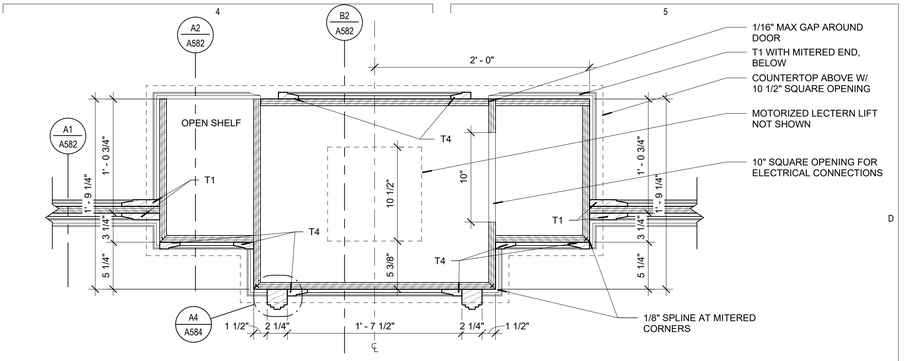


D3 PULL-OUT STEP

1 1/2" = 1'-0"

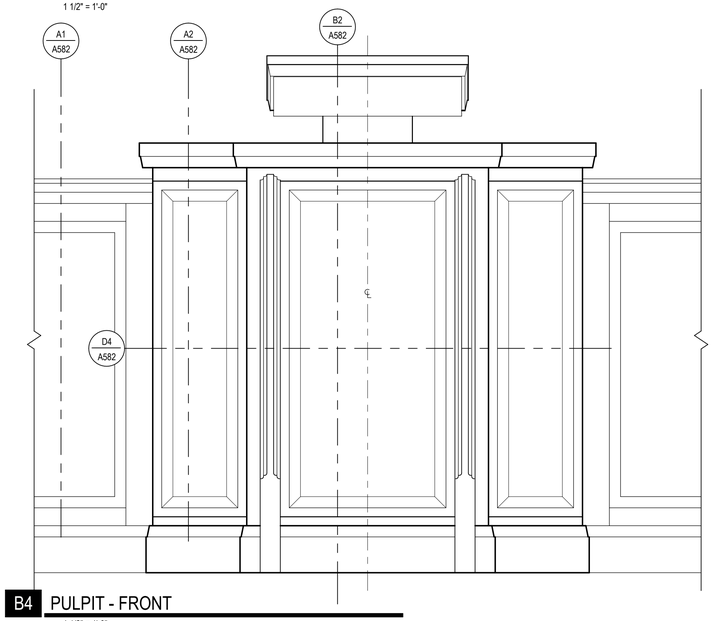






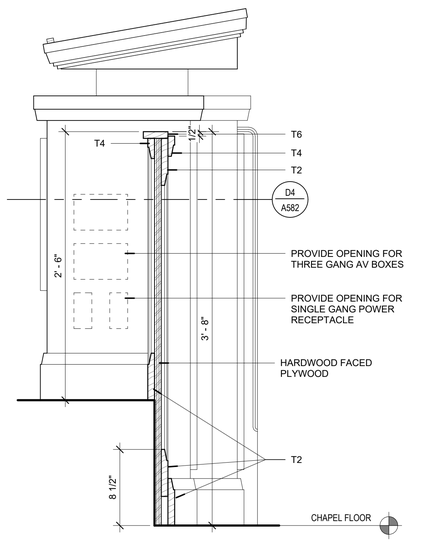
D4 PULPIT - ENLARGED PLAN

1 1/2" = 1'-0"



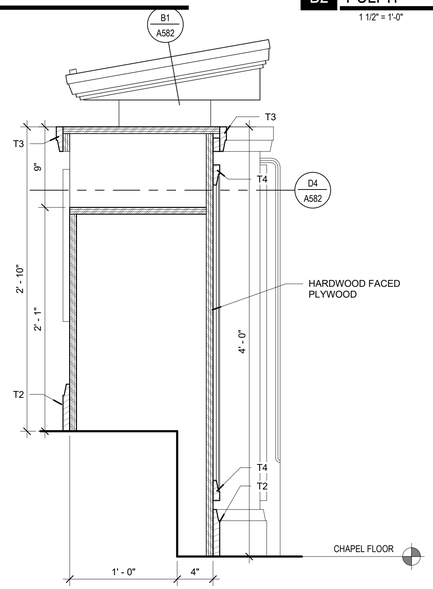
B1 LECTERN EDGE

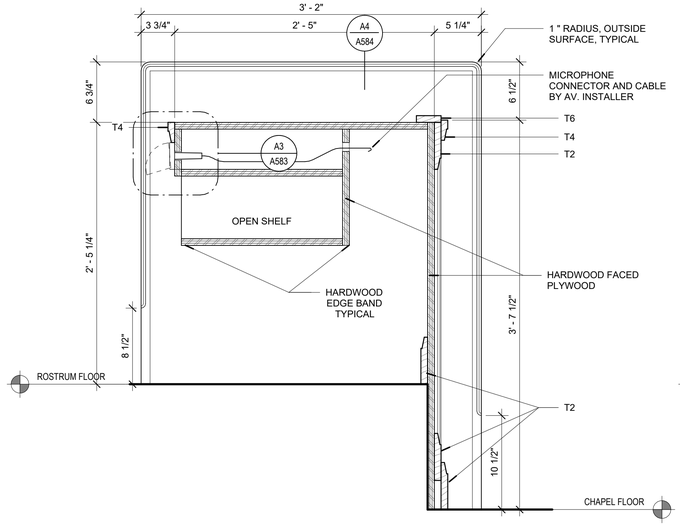
1"2" = 1'-0"

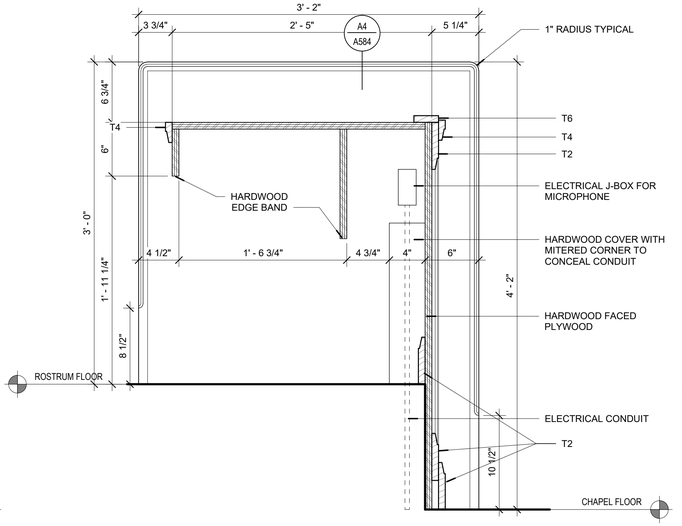


B2 PULPIT

1 1/2" = 1'-0"







A1 MODESTY WALL

1 1/2" = 1'-0"

A2 PULPIT

1 1/2" = 1'-0"

A3 SACRAMENT TABLE

1 1/2" = 1'-0"

A4 SACRAMENT TABLE

1 1/2" = 1'-0"

3/2/2026 7:03:36 PM

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STATE OF UTAH
ROBERT WAYNE JOHNSON
No. 8595169-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

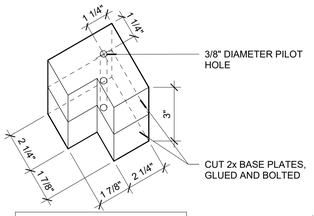
BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

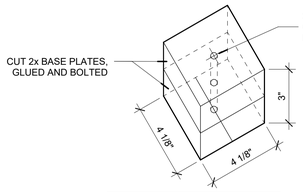
REV	DATE	DESCRIPTION

ROSTRUM DETAILS

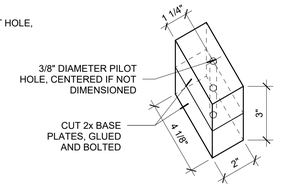
A582



CORNER ANCHOR BASE PLATE

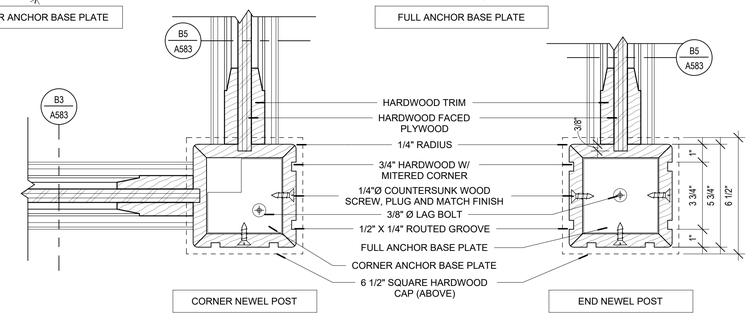


FULL ANCHOR BASE PLATE



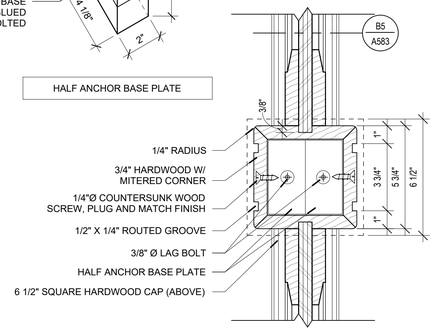
HALF ANCHOR BASE PLATE

NOTE: FLOOR ANCHORAGE TO BE 3/8"Ø X6" EXPANSION BOLT IN CONCRETE OR 3/8"Ø X 4" LAG BOLT INTO WOOD



CORNER NEWEL POST

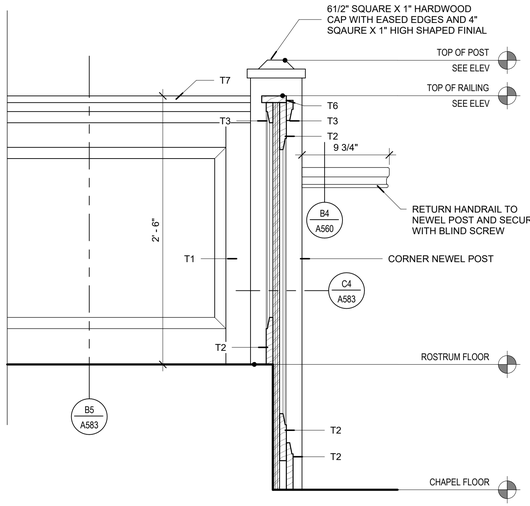
END NEWEL POST



INTERMEDIATE NEWEL POST

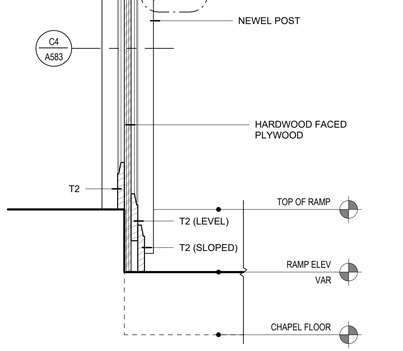
C4 NEWELL POST

3" = 1'-0"



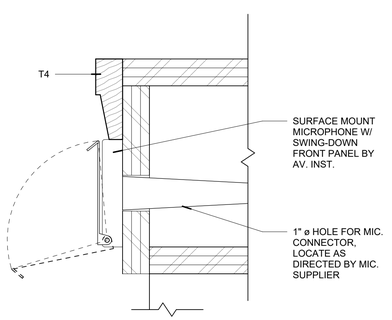
B3 FRONT MODESTY WALL

A1\ A403 1 1/2" = 1'-0"



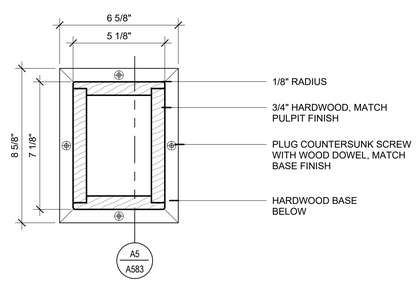
B5 RAMP SIDEWALL

A4\ A452 1 1/2" = 1'-0"



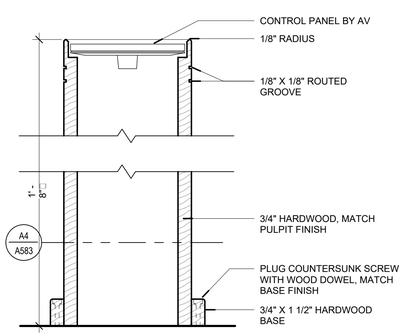
A3 SACRAMENT TABLE - MICROPHONE

6" = 1'-0"



A4 CONTROL PEDESTAL

3" = 1'-0"



A5 CONTROL PEDESTAL

3" = 1'-0"

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STATE OF UTAH
BRYAN W. JOHNSON
No. 8505155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

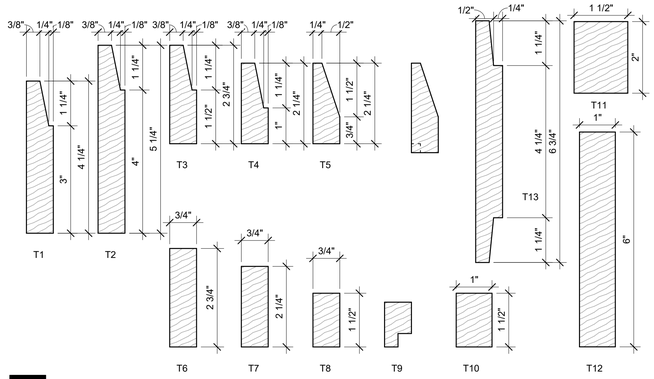
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

ROSTRUM DETAILS

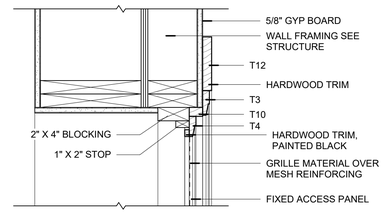
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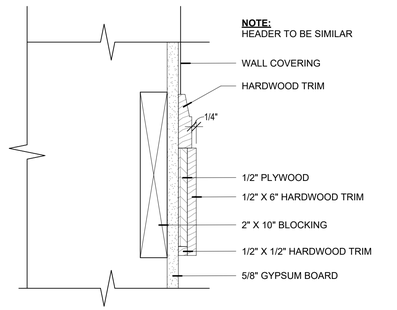
PROFILE - HARDWOOD TRIM

6" = 1'-0"



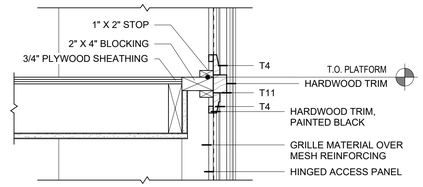
D5 PANEL HEAD

B3\ A403 1 1/2" = 1'-0"



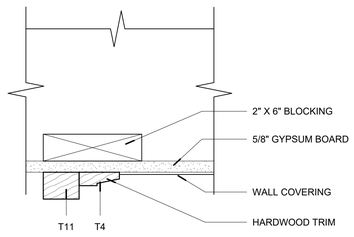
C4 WOOD TRIM SILL

B3\ A403 3" = 1'-0"



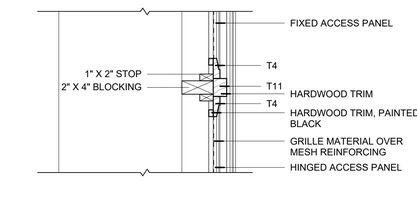
C5 ACCESS PANEL

1 1/2" = 1'-0"



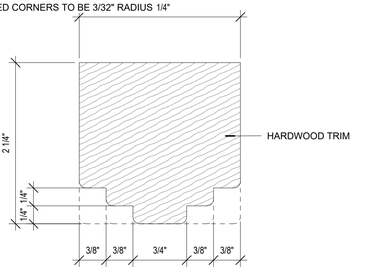
B4 WOOD TRIM SIDE

B3\ A403 3" = 1'-0"



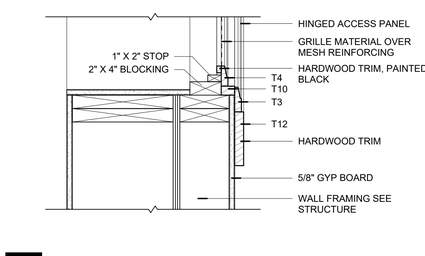
B5 ACCESS PANEL

B3\ A403 1 1/2" = 1'-0"



A4 PULPIT TRIM

B1\ A453 12" = 1'-0"



A5 PANEL SILL

B3\ A403 1 1/2" = 1'-0"

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STATE OF UTAH
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LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

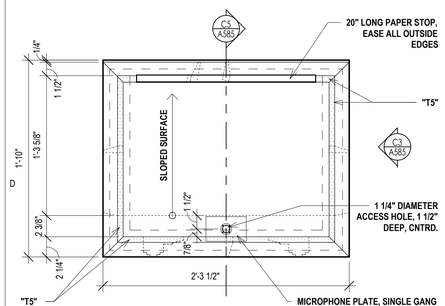
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

ROSTRUM DETAILS

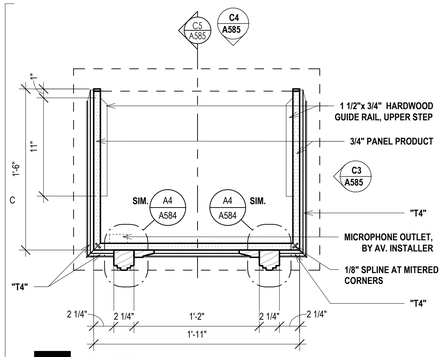
A584

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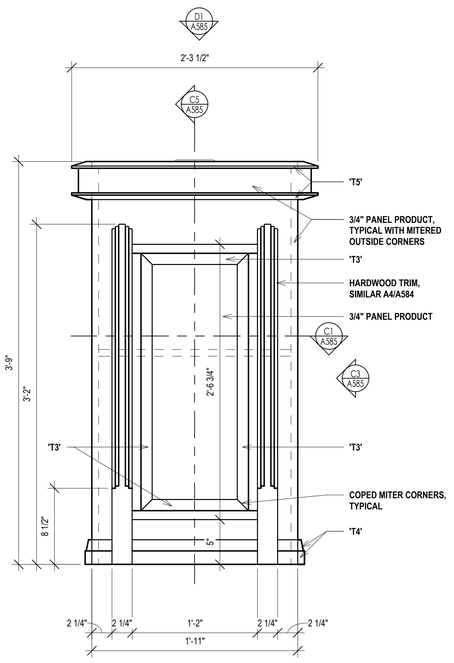
D1 LECTERN TOP

1 1/2" = 1'-0"



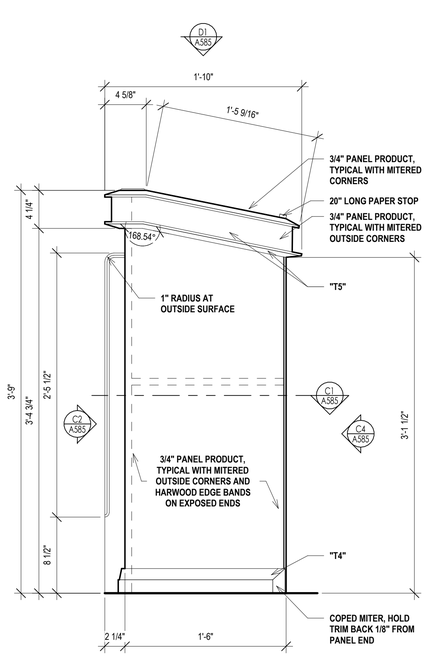
C1 LECTERN PLAN

1 1/2" = 1'-0"



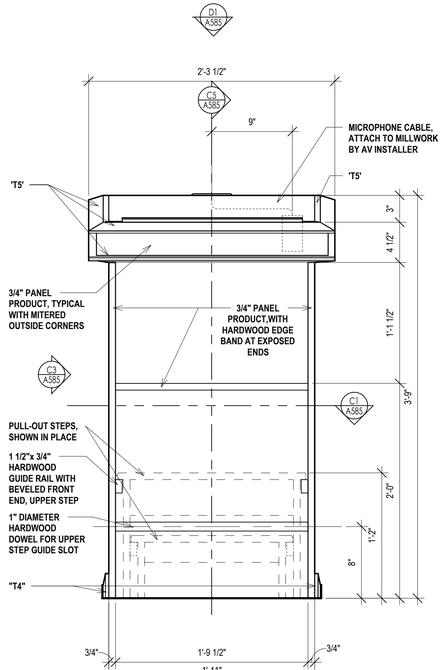
C2 LECTERN FRONT

1 1/2" = 1'-0"



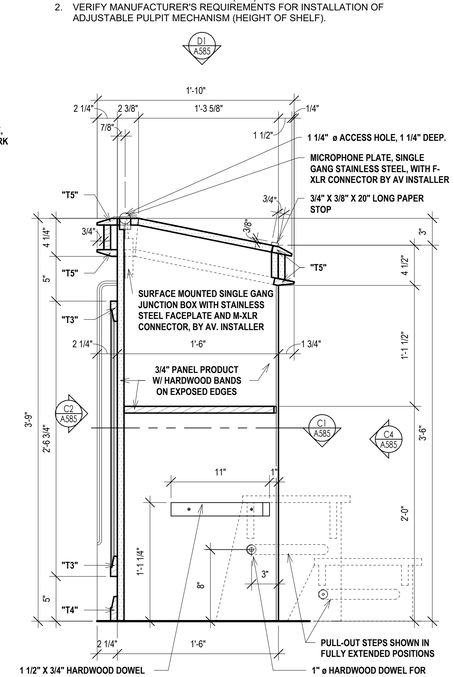
C3 LECTERN SIDE

1 1/2" = 1'-0"



C4 LECTERN REAR

1 1/2" = 1'-0"

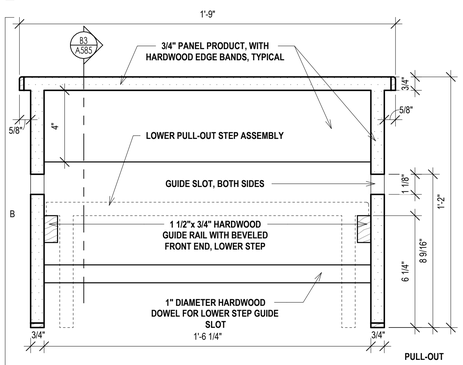


C5 LECTERN SECTION

1 1/2" = 1'-0"

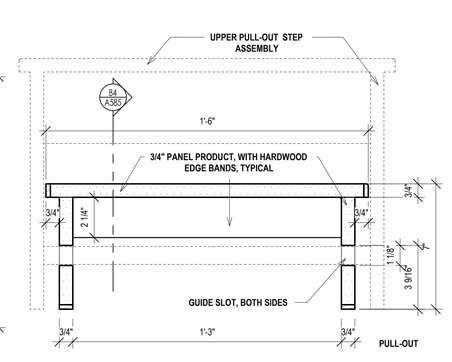
GENERAL NOTES

1. HARDWOOD TRIM DESIGNATIONS ("T#") REFER TO D4/A584.
2. VERIFY MANUFACTURER'S REQUIREMENTS FOR INSTALLATION OF ADJUSTABLE PULPIT MECHANISM (HEIGHT OF SHELF).



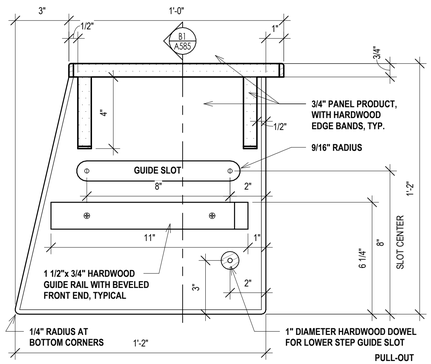
B1 UPPER STEP SECTION

3" = 1'-0"



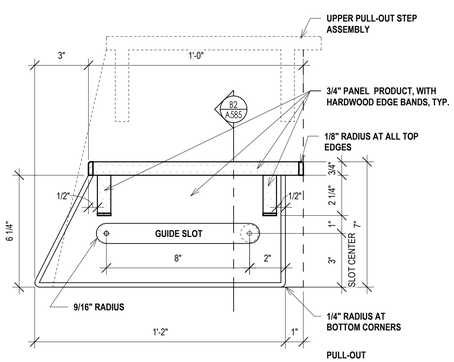
B2 LOWER STEP SECTION

3" = 1'-0"



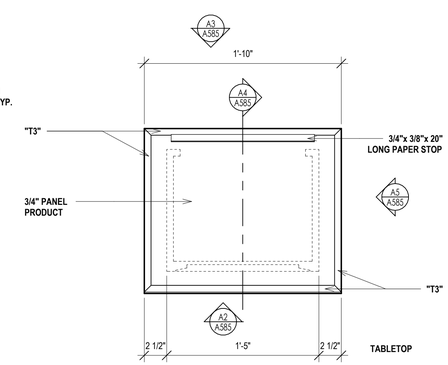
B3 UPPER STEP SECTION

3" = 1'-0"



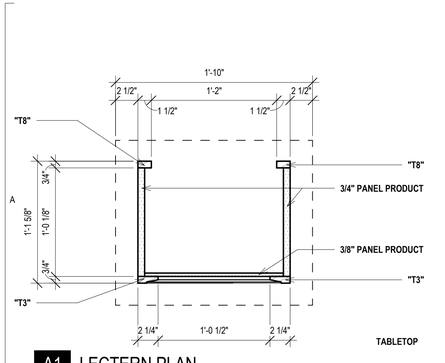
B4 LOWER STEP SECTION

3" = 1'-0"



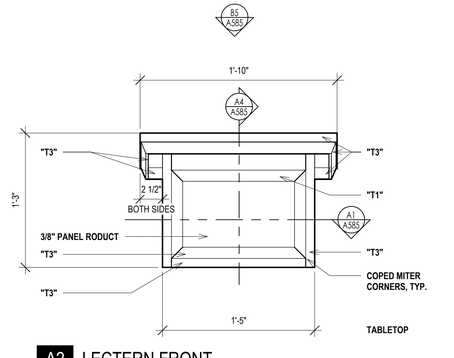
B5 LECTERN TOP

1 1/2" = 1'-0"



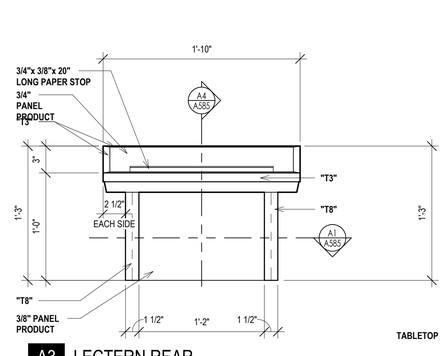
A1 LECTERN PLAN

1 1/2" = 1'-0"



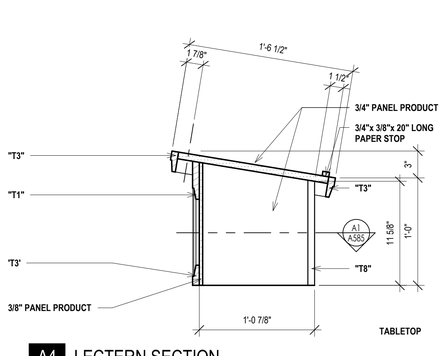
A2 LECTERN FRONT

1 1/2" = 1'-0"



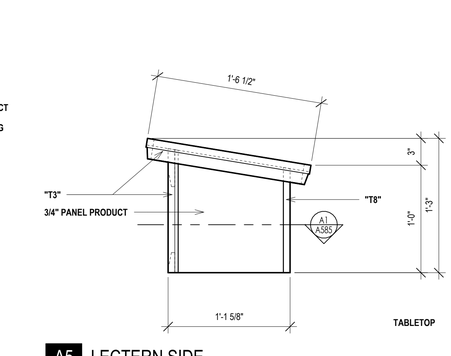
A3 LECTERN REAR

1 1/2" = 1'-0"



A4 LECTERN SECTION

1 1/2" = 1'-0"



A5 LECTERN SIDE

1 1/2" = 1'-0"

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STATE OF UTAH — ROBERT W. JOHNSON — No. 8505155-0301 — 02/19/2026 — LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

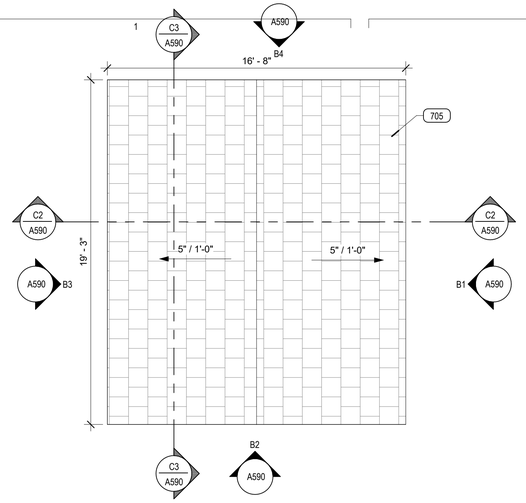
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

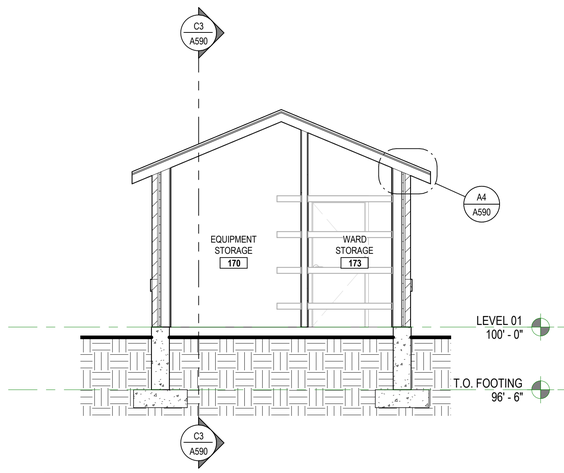
CHILDRENS
LECTERN
CASEWORK
TABLETOP
LECTERN
CASEWORK

A585



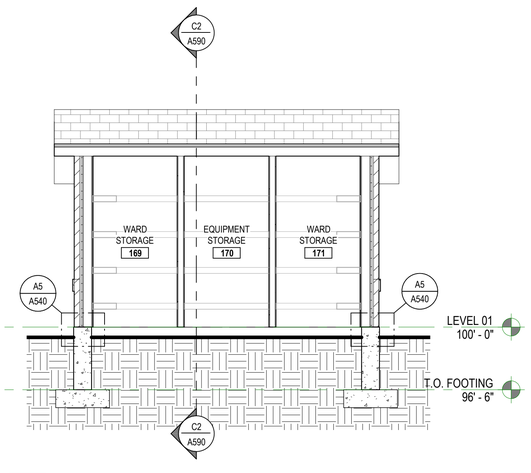
C1 STORAGE BUILDING ROOF PLAN

1/4" = 1'-0"



C2 STORAGE BUILDING SECTION # 1

1/4" = 1'-0"

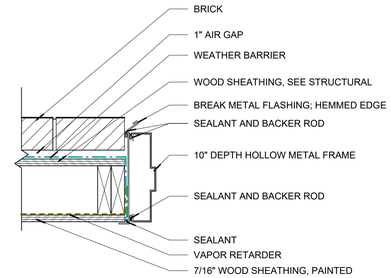


C3 STORAGE BUILDING SECTION # 2

1/4" = 1'-0"

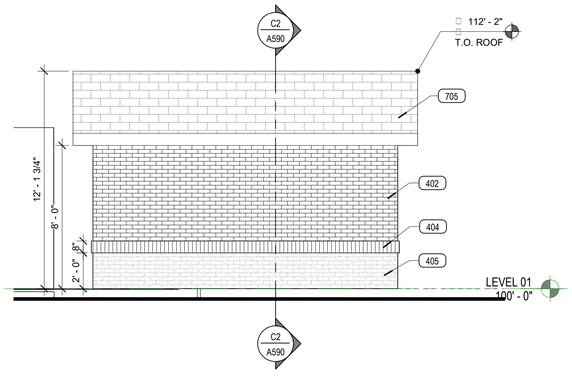
KEYNOTE

301	REINFORCED CONCRETE FOOTING. SEE STRUCTURAL
302	CONCRETE FOUNDATION WALL. SEE STRUCTURAL
402	BRICK, RUNNING BOND. SEE EXTERIOR MATERIALS LEGEND
404	BRICK TRIM, SEE EXTERIOR ELEVATIONS FOR BOND PATTERN. SEE EXTERIOR MATERIALS LEGEND
405	ACCENT BRICK, RUNNING BOND. SEE EXTERIOR MATERIALS LEGEND
705	COMPOSITE ASPHALT SHINGLES ROOF. SEE EXTERIOR MATERIALS LEGEND



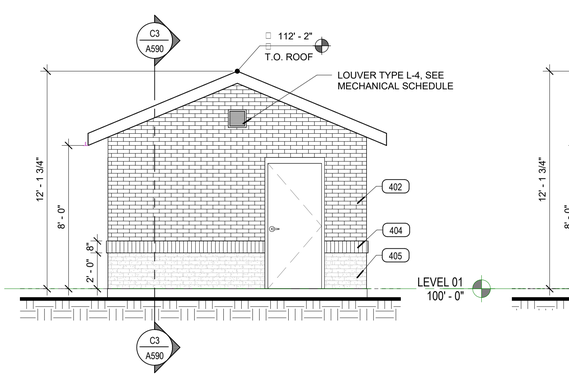
C4 STORAGE BUILDING DOOR JAMB DETAIL

1 1/2" = 1'-0"



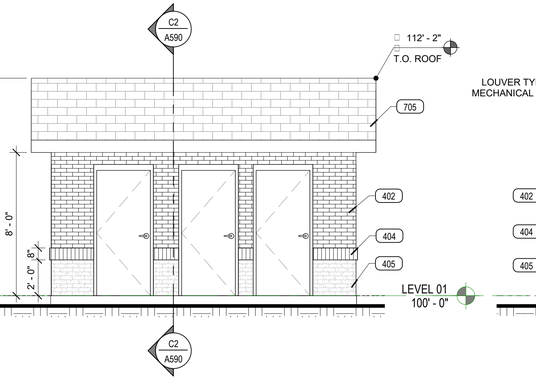
B1 STORAGE BUILDING EAST ELEVATION

1/4" = 1'-0"



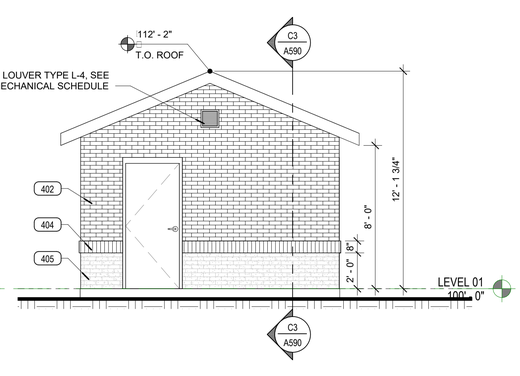
B2 STORAGE BUILDING SOUTH ELEVATION

1/4" = 1'-0"



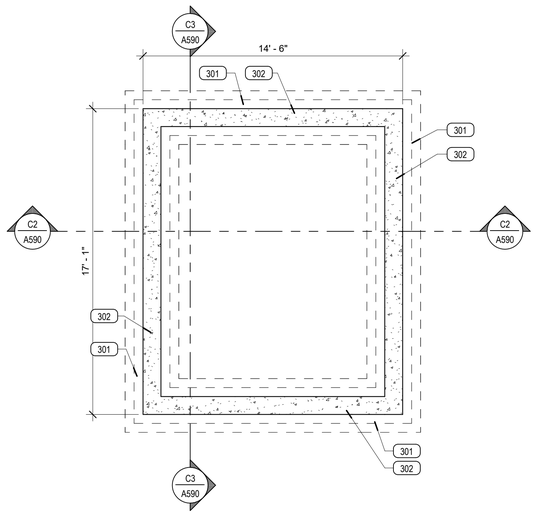
B3 STORAGE BUILDING WEST ELEVATION

1/4" = 1'-0"



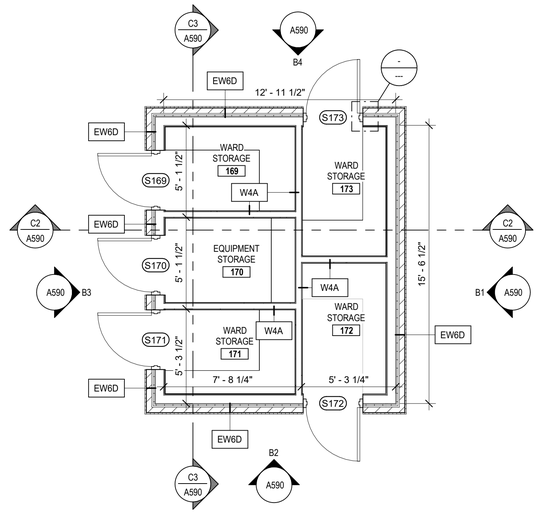
B4 STORAGE BUILDING NOTRH ELEVATION

1/4" = 1'-0"



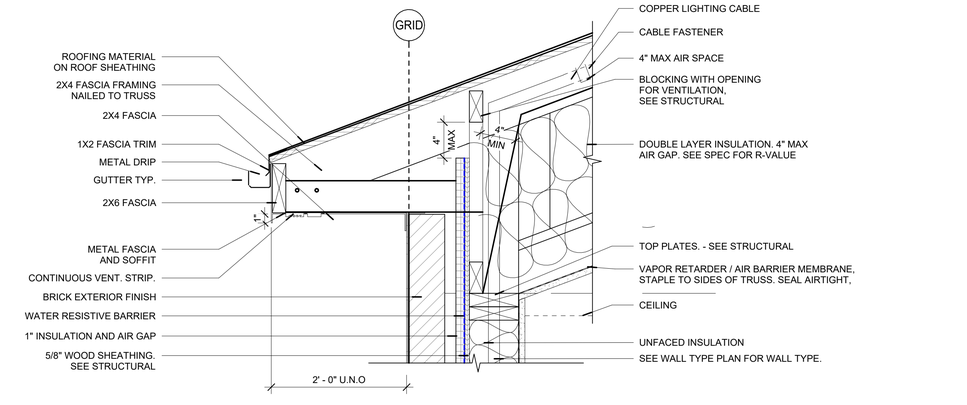
A1 STORAGE BUILDING FONDATION PLAN

1/4" = 1'-0"



A2 STORAGE BUILDING FLOOR PLAN

1/4" = 1'-0"



A4 STORAGE BUILDING EAVE

1 1/2" = 1'-0"

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STATE OF UTAH
ROBERT JOHNSON
No. 8595169-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	03.03.26

REV	DATE	DESCRIPTION

STORAGE BUILDING DETAILS

A590

3/2/2026 7:03:50 PM

DOOR + FRAME

NUMBER	PANEL SIZE WIDTH	HEIGHT	THICK	ELEV	MATERIAL	GLAZING	FRAME ELEV	FRAME MATERIAL	HARD WARE GROUP	COMMENT
101A	72"	84"	2"	E1	AL/GL	1	SF03	AL	ST1A/ST1	ADA ACTUATOR, SEE SPECIFICATIONS, PANIC HARDWARE
101B	72"	84"	2"	E1	AL/GL	2	SF03	AL	ST3A/ST3	ADA ACTUATOR, SEE SPECIFICATIONS
102	36"	84"	2"	A1	WD	-	1A	H.M	22	
103	36"	84"	2"	A1	WD	-	1A	H.M	28A	
104A	36"	84"	2"	A1	WD	-	1A	H.M	28	
104B	36"	84"	2"	A1	WD	-	1A	H.M	35	
105	36"	84"	2"	A1	WD	-	1A	H.M	26	
106	36"	84"	2"	A1	WD	-	1A	H.M	32	
107	36"	84"	2"	A1	WD	-	1A	H.M	26	
108A	36"	84"	2"	A1	WD	-	1A	H.M	28	
108B	36"	84"	2"	A1	WD	-	1A	H.M	35	
109	36"	84"	2"	A1	WD	-	1A	H.M	26	
110	84"	84"	2"	D1	WD	-	1B	H.M	50F	
111A	36"	84"	2"	A1	WD	-	1A	H.M	26	
111B	36"	84"	2"	A1	WD	-	1A	H.M	26	
121	36"	84"	2"	A1	WD	-	1A	H.M	32	
122A	42"	84"	2"	C1	AL/GL	3	1D	AL	ST2	OBSCURE GLASS
122B	36"	84"	2"	B1	WD	-	1A	H.M	30	
123	36"	84"	2"	A1	WD	-	1A	H.M	28A	
124A	42"	84"	2"	C1	AL/GL	3	1D	AL	ST2	OBSCURE GLASS
124B	42"	84"	2"	B1	WD	-	1A	H.M	30	
131A	72"	84"	2"	E1	AL/GL	1	SF01	AL	ST1A/ST1	ADA ACTUATOR, SEE SPECIFICATIONS, PANIC HARDWARE
131B	72"	84"	2"	E1	AL/GL	2	SF05	AL	ST3A/ST3	ADA ACTUATOR, SEE SPECIFICATIONS, PANIC HARDWARE
132A	36"	84"	2"	C1	AL/GL	1	SF02	AL	ST1	PANIC HARDWARE
132B	36"	84"	2"	C1	AL/GL	2	SF07	AL	ST3	
133A	36"	84"	2"	A1	WD	-	1A	H.M	23	
133B	36"	84"	2"	A1	WD	-	1A	H.M	23	
136	36"	84"	2"	A1	WD	-	1A	H.M	26	
137	36"	84"	2"	A1	WD	-	1A	H.M	32	
138	36"	84"	2"	A1	WD	-	1A	H.M	26	
140	36"	84"	2"	A2	H.M	-	1C	H.M	3	
141	36"	84"	2"	A2	H.M	-	1C	H.M	3	
142	36"	84"	2"	A1	WD	-	1A	H.M	26	
143	36"	84"	2"	A1	WD	-	1A	H.M	26	
144	36"	84"	2"	B1	WD	-	1A	H.M	20A	
146	36"	84"	2"	B1	WD	-	1A	H.M	20A	
148	36"	84"	2"	B1	WD	-	1A	H.M	28A	
150A	36"	84"	2"	C1	AL/GL	3	1D	AL	ST2	OBSCURE GLASS
150B	36"	84"	2"	B1	WD	-	1A	H.M	20A	
150C	72"	84"	2"	D1	WD	-	1B	H.M	50	PASS THROUGH DOOR
151	36"	84"	2"	A1	WD	-	1A	H.M	23	
152	36"	84"	2"	B1	WD	-	1A	H.M	20A	
153	36"	84"	2"	A1	WD	-	1A	H.M	23	
154	36"	84"	2"	B1	WD	-	1A	H.M	20A	
155	36"	84"	2"	B1	WD	-	1A	H.M	20A	
156	36"	84"	2"	B1	WD	-	1A	H.M	20A	
157	36"	84"	2"	A1	WD	-	1A	H.M	32	
161A	72"	84"	2"	E1	AL/GL	1	SF01	AL	ST1A/ST1	ADA ACTUATOR, SEE SPECIFICATIONS, PANIC HARDWARE

DOOR + FRAME

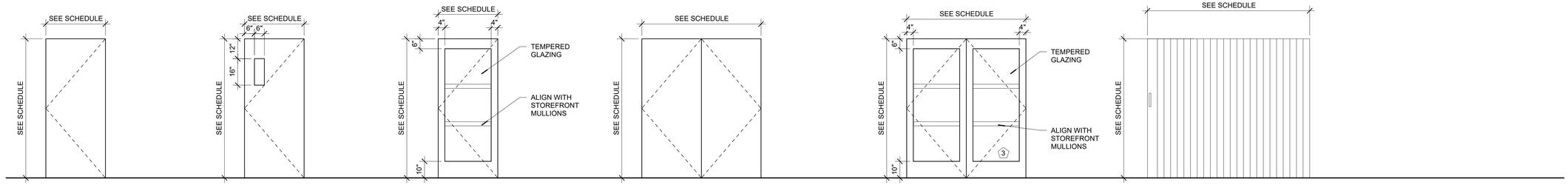
NUMBER	PANEL SIZE WIDTH	HEIGHT	THICK	ELEV	MATERIAL	GLAZING	FRAME ELEV	FRAME MATERIAL	HARD WARE GROUP	COMMENT
161B	72"	84"	2"	E1	AL/GL	2	SF05	AL	ST3A/ST3	ADA ACTUATOR, SEE SPECIFICATIONS
162A	36"	84"	2"	C1	AL/GL	1	SF02	AL	ST1A	PANIC HARDWARE
162B	36"	84"	2"	C1	AL/GL	2	SF07	AL	ST3A	
163	36"	84"	2"	A1	WD	-	1A	H.M	20A	
166	36"	84"	2"	A1	WD	-	1A	H.M	26	
167	36"	84"	2"	A1	WD	-	1A	H.M	32	
168	36"	84"	2"	A1	WD	-	1A	H.M	26	
172	36"	84"	2"	A1	WD	-	1A	H.M	26	
173	36"	84"	2"	A1	WD	-	1A	H.M	26	
174	36"	84"	2"	B1	WD	-	1A	H.M	20A	
176	36"	84"	2"	B1	WD	-	1A	H.M	20A	
178	36"	84"	2"	B1	WD	-	1A	H.M	20A	
180	36"	84"	2"	B1	WD	-	1A	H.M	20A	
182	36"	84"	2"	B1	WD	-	1A	H.M	20A	
184	36"	84"	2"	B1	WD	-	1A	H.M	20A	
186	36"	84"	2"	B1	WD	-	1A	H.M	20A	
188	36"	84"	2"	B1	WD	-	1A	H.M	20A	
191A	72"	84"	2"	D1	WD	-	1B	H.M	52	
191B	72"	84"	2"	D1	WD	-	1B	H.M	52	
191C	36"	84"	2"	A1	WD	-	1A	H.M	30	
191D	36"	84"	2"	A1	WD	-	1A	H.M	30	
192A	36"	84"	2"	A1	WD	-	1A	H.M	30	
192B	36"	84"	2"	A1	WD	-	1A	H.M	30	
192C	36"	84"	2"	A1	WD	-	1A	H.M	30	
192D	36"	84"	2"	A1	WD	-	1A	H.M	30	
193A	36"	84"	2"	A1	WD	-	1A	H.M	30	SEE DOOR NOTE 7
193B	36"	84"	2"	A1	WD	-	1A	H.M	30	SEE DOOR NOTE 7
195A	36"	84"	2"	A1	WD	-	1A	H.M	28	
195B	36"	84"	2"	A1	WD	-	1A	H.M	28	
196	72"	84"	2"	D1	WD	-	1B	H.M	51	
P1	756"	175"		F1	SEE SPEC / FACTORY FINISH	-			-	FOLDING PARTITION
P2	756"	175"		F1	SEE SPEC / FACTORY FINISH	-			-	FOLDING PARTITION
P3	360"	165"		F1	SEE SPEC / FACTORY FINISH	-			-	FOLDING PARTITION
P4	190"	108"		F1	WD	-			-	FOLDING PARTITION
P5	190"	108"		F1	WD	-			-	FOLDING PARTITION
P6	190"	108"		F1	WD	-			-	FOLDING PARTITION
P7	190"	108"		F1	WD	-			-	FOLDING PARTITION
P8	190"	108"		F1	WD	-			-	FOLDING PARTITION
S169	36"	84"	2"	A2	H.M	C/ST101	1C	H.M	1	STORAGE BUILDING
S170	36"	84"	2"	A2	H.M	C/ST101	1C	H.M	1	STORAGE BUILDING
S171	36"	84"	2"	A2	H.M	C/ST101	1C	H.M	1	STORAGE BUILDING
S172	36"	84"	2"	A2	H.M	C/ST101	1C	H.M	1	STORAGE BUILDING
S173	36"	84"	2"	A2	H.M	C/ST101	1C	H.M	1	STORAGE BUILDING

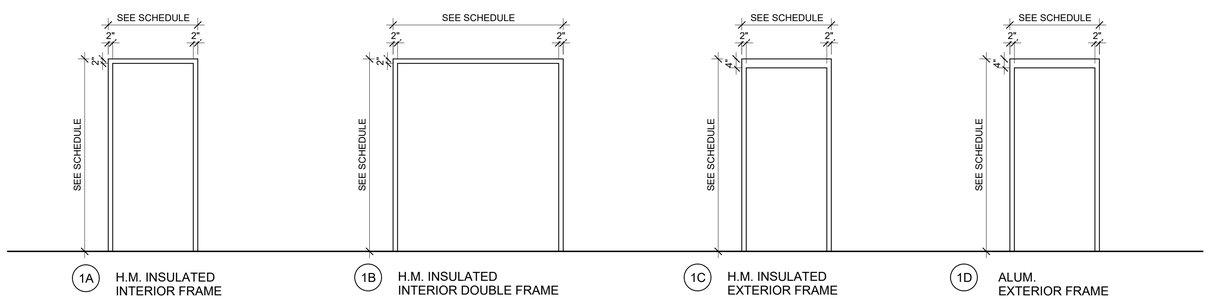
DOOR NOTES

1. REFER TO DOOR SCHEDULE FOR DOOR SIZES
2. GC TO FIELD VERIFY ALL DIMENSIONS BEFORE ORDERING AND INSTALLING
3. GC TO VERIFY ALL DOOR FRAME JAMB DEPTHS BEFORE ORDERING
4. GC TO VERIFY THAT ALL DOORS, FRAMES AND GLAZING MEET FIRE AND SAFETY REQUIREMENTS PER CODE
5. EXTERIOR DOORS AND FRAMES TO BE INSULATED
6. PROVIDE TEMPERED GLAZING AT DOOR GLAZING
7. CONTRACTOR TO VERIFY DEPTH AND ACCOUNT FOR DOUBLE LAYER GYPSUM AT DRINKING FOUNTAIN WALLS

GLAZING SCHEDULE

1. CLEAR DOUBLE PANED GLAZING - TEMPERED THERMAL TRANSMITTANCE (U FACTOR): .38 OR BETTER SOLAR HEAT GAIN COEFFICIENT: .38 OR BETTER
2. CLEAR 1/4" TEMPERED GLASS GLAZING - TEMPERED THERMAL
3. OBSCURE DOUBLE PANED GLAZING - THERMAL TRANSMITTANCE (U FACTOR): .38 OR BETTER SOLAR HEAT GAIN COEFFICIENT: .38 OR BETTER





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STATE OF UTAH
ROBERT JOHNSON
No. 8595169-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

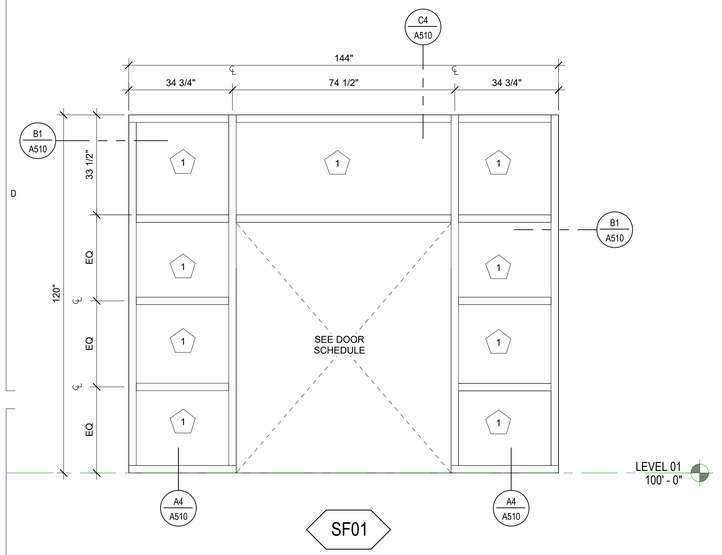
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

DOOR SCHEDULE + ELEVATION

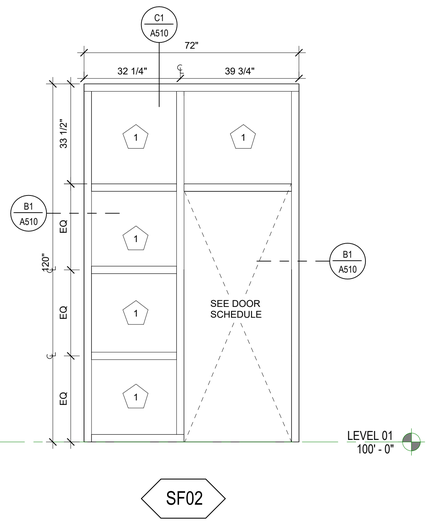
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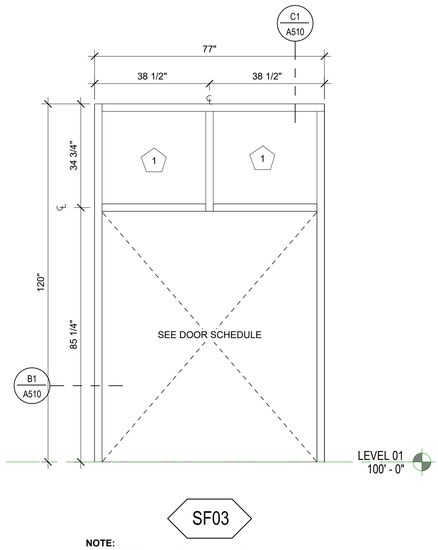
SF01

NOTE:
- REFER TO FLOOR PLAN FOR DOOR SWING.
- STOREFRONT IS MIRRORED IN SOME CASES.
- DOOR MULLION ALIGN WITH STOREFRONT MULLION.



SF02

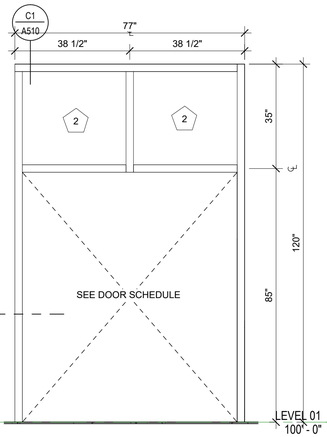
NOTE:
- REFER TO FLOOR PLAN FOR DOOR SWING.
- STOREFRONT IS MIRRORED IN SOME CASES.
- DOOR MULLION ALIGN WITH STOREFRONT MULLION.



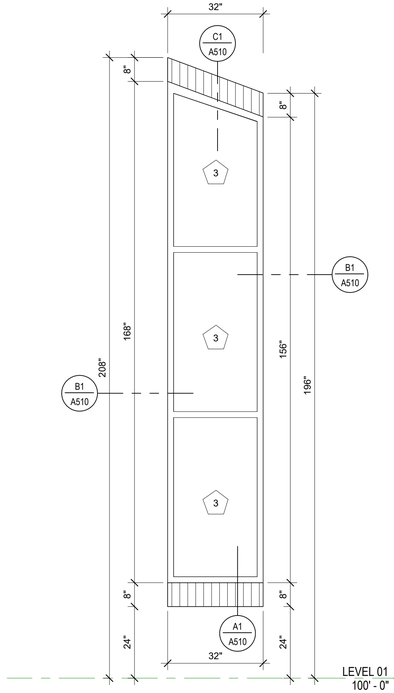
SF03

NOTE:
- REFER TO FLOOR PLAN FOR DOOR SWING.
- STOREFRONT IS MIRRORED IN SOME CASES.
- DOOR MULLION ALIGN WITH STOREFRONT MULLION.

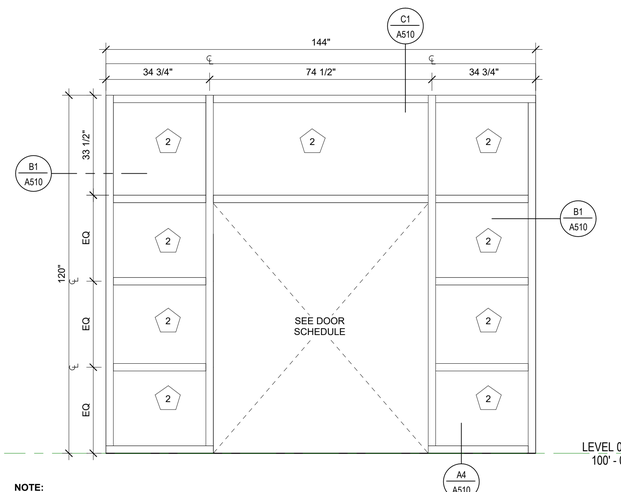
NOTE:
- REFER TO FLOOR PLAN FOR DOOR SWING.
- STOREFRONT IS MIRRORED IN SOME CASES.
- DOOR MULLION ALIGN WITH STOREFRONT MULLION.



SF08

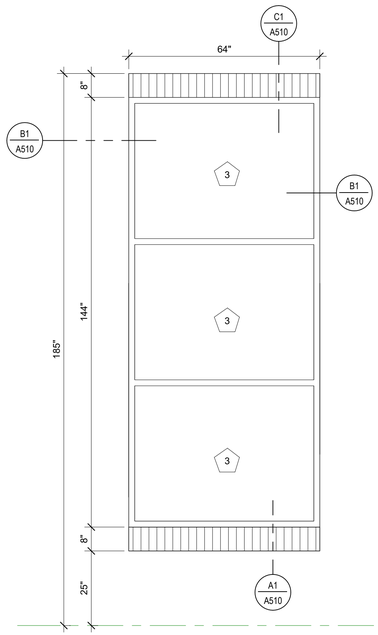


SF04

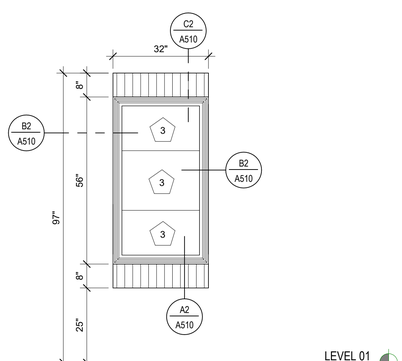


SF05

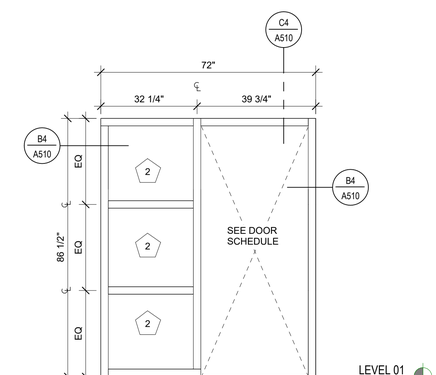
NOTE:
- REFER TO FLOOR PLAN FOR DOOR SWING.
- STOREFRONT IS MIRRORED IN SOME CASES.
- DOOR MULLION ALIGN WITH STOREFRONT MULLION.



SF06



WN01



SF07

NOTE:
- REFER TO FLOOR PLAN FOR DOOR SWING.
- STOREFRONT IS MIRRORED IN SOME CASES.
- DOOR MULLION ALIGN WITH STOREFRONT MULLION.

WINDOW NOTES

1. ALL EXTERIOR GLAZING SYSTEMS TO BE THERMALLY INSULATED
2. COLOR FOR STOREFRONTS AND WINDOW FRAMES TO BE WHITE. SUBMIT SAMPLE TO OWNER PRIOR TO ORDERING.

GLAZING SCHEDULE

1 — CLEAR DOUBLE PANED GLAZING - TEMPERED THERMAL
TRANSMITTANCE (U FACTOR): .38 OR BETTER
SOLAR HEAT GAIN COEFFICIENT: .38 OR BETTER

2 — CLEAR 1/4" TEMPERED GLASS GLAZING - TEMPERED THERMAL

3 — OBSCURE DOUBLE PANED GLAZING - THERMAL
TRANSMITTANCE (U FACTOR): .38 OR BETTER
SOLAR HEAT GAIN COEFFICIENT: .38 OR BETTER

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02/19/2026

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

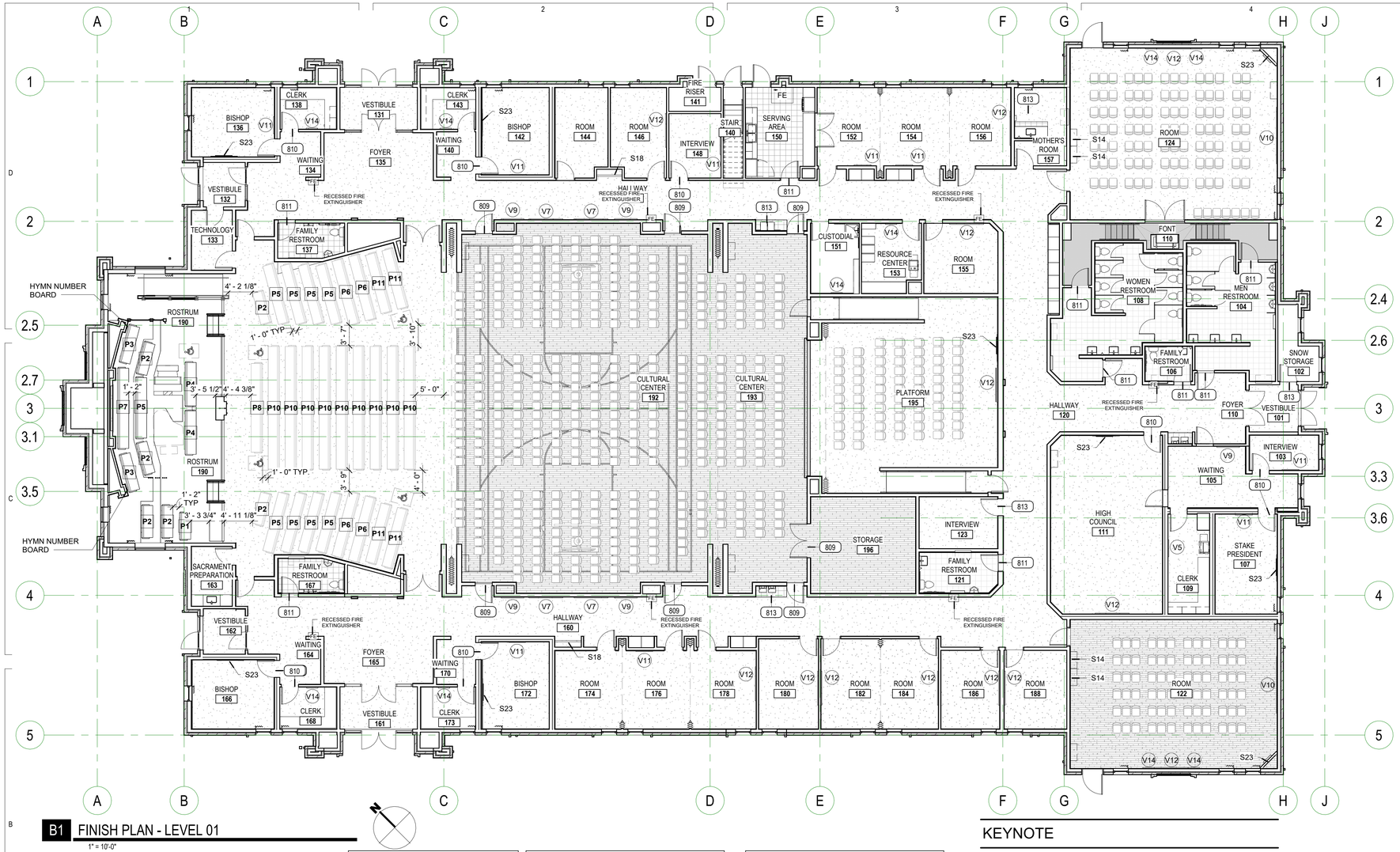
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

WINDOW

A610

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B1 FINISH PLAN - LEVEL 01

1" = 10'-0"

KEYNOTE

809 DOOR THRESHOLDS, WIDTH TO MATCH FULL DOOR FRAME
810 SOUND CONTROL THRESHOLD. SEE SPECIFICATION
811 STONE THRESHOLDS. SEE SPECIFICATION
813 METAL EDGE STRIP. SEE DETAIL C2/A530

DRAPERY DIMENSIONS



SINGLE WINDOW TYPE "S"
NO SCALE

THE DIMENSIONS ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE DRAPERY INSTALLATION CONTRACTOR TO PROVIDE FIELD MEASUREMENTS TO INSURE PROPER INSTALLATION.

SINGLE WINDOW TYPE "P"
NO SCALE

1. LENGTH = 4" BELOW WINDOW SILL TO 4" ABOVE WINDOW HEAD.
2. FULLNES = 2 1/2 TIMES THE WINDOW WIDTH
3. 4" DOUBLE HEMS AND HEADINGS
4. STACKOFF OF 1/3 THE WINDOW WIDTH.

DRAPERY SCHEDULE

LOCATION		NO. REQUIRED PAIR	NO. REQUIRED SINGLE	REMARKS
ROSTRUM	190	2	2	CASEMENT AND BLACKOUT
BISHOP	166		2	
BISHOP	172		1	
BISHOP	136		2	
BISHOP	142		1	
CLERK	138/143/168/173		1	MATCH THE TABLE HEIGHT
STAKE PRESIDENT	107		1	
ROOM	122		4	BLACKOUT
ROOM	124		5	BLACKOUT

PEW SCHEDULE

MARK	PEW LENGTH	#	LINEAL FEET
P1	5' - 0"	1	5' - 0"
P2	6' - 0"	6	36' - 0"
P3	7' - 0"	2	14' - 0"
P4	8' - 0"	2	16' - 0"
P5	11' - 0"	9	99' - 0"
P6	12' - 0"	4	48' - 0"
P7	14' - 6"	1	14' - 6"
P8	16' - 0"	1	16' - 0"
P10	22' - 0"	9	198' - 0"
P11	11' - 0"	4	44' - 0"
			490' - 6"

NOTE:
PEW LENGTH IS MEASURED FROM OUTSIDE OF ARMREST TO OUTSIDE OF ARMREST. SPACE ALL PEWS 3' - 0" FROM BACK TO BACK.

DISPLAY BOARD

Type Mark	Family	Room: Number	Room: Name
V5	Cork Board	109	CLERK
V7	Cork Board	130	HALLWAY
V7	Cork Board	130	HALLWAY
V7	Cork Board	160	HALLWAY
V7	Cork Board	160	HALLWAY
V9	Display Case	105	WAITING
V9	Display Case	130	HALLWAY
V9	Display Case	130	HALLWAY
V9	Display Case	160	HALLWAY
V9	Display Case	160	HALLWAY
V10	Cork Board	122	ROOM
V10	Cork Board	124	ROOM
V11	White Board	103	INTERVIEW

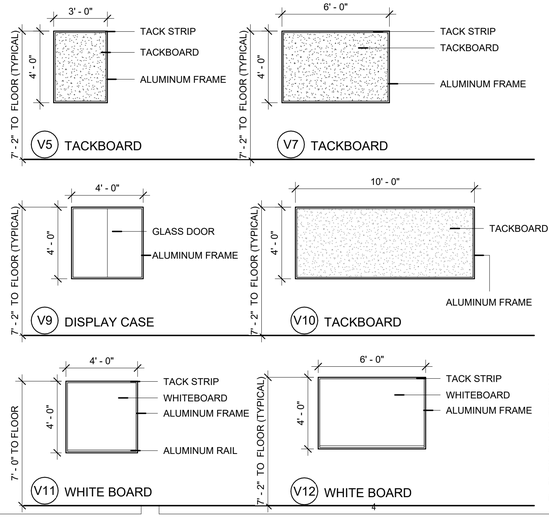
DISPLAY BOARD

Type Mark	Family	Room: Number	Room: Name
V11	White Board	107	STAKE PRESIDENT
V11	White Board	107	STAKE PRESIDENT
V11	White Board	136	BISHOP
V11	White Board	142	BISHOP
V11	White Board	148	INTERVIEW
V11	White Board	152	ROOM
V11	White Board	154	ROOM
V11	White Board	172	BISHOP
V11	White Board	176	ROOM
V12	White Board	111	HIGH COUNCIL
V12	White Board	122	ROOM
V12	White Board	124	ROOM
V12	White Board	146	ROOM
V12	White Board	155	ROOM
V12	White Board	156	ROOM
V12	White Board	178	ROOM
V12	White Board	180	ROOM
V12	White Board	182	ROOM
V12	White Board	184	ROOM
V12	White Board	186	ROOM
V12	White Board	188	ROOM
V12	White Board	195	PLATFORM
V14	White Board	122	ROOM
V14	White Board	122	ROOM
V14	White Board	124	ROOM
V14	White Board	124	ROOM
V14	White Board	138	CLERK
V14	White Board	143	CLERK
V14	White Board	151	CUSTODIAL
V14	White Board	153	RESOURCE CENTER
V14	White Board	168	CLERK
V14	White Board	173	CLERK

NOTE

SEE DIVISION 01 SPECIAL REQUIREMENTS OF SPECIFICATIONS FOR INSTRUCTIONS CONCERNING OWNER FURNISHED ITEMS.

FURNISHED BY	ITEM	BRAND	STYLE OR TYPE	COLOR
OWNER	CARPET	SEE DIV. 09 FOR SPECS	LOOP PILE	
CONTRACTOR	WALL COVERING	SEE DIV. 09 FOR SPECS		
CONTRACTOR	COUNTERTOPS AND CABINETS	SEE DIV. 06 FOR SPECS		
OWNER	PEWS	SEE DIV. 12 FOR SPECS		
CONTRACTOR	DRAPERIES	SEE DIV. 12 FOR SPECS		
OWNER	ROSTRUM PEWS	SEE DIV. 12 FOR SPECS		
CONTRACTOR	ROSTRUM CASEWORK	SEE DIV. 12	SEE SHEET A582,A583 AND A584	
OWNER	ROOM SIGNAGE	SEE DIV. 10	SEE SHEET F102	
OWNER	HYMN NUMBER BOARD	SEE DIV. 01	SEE ROSTRUM 146 ON 1/F101	
OWNER	PAVILION PACKAGE		SEE NOTES: C811-C814	
CONTRACTOR	TV / WALL MOUNTS	SUPPLIER 'WARDS'	SEE SPECS	



FINISH SCHEDULE

ROOM NO.	NAME	FLOOR	BASE	WALL	CEILING	SPECIAL TRIM OR EQUIP.
101	VESTIBULE	F6	B1	W5	C2	S21
102	SNOW STORAGE	F4	B3	W5	C2	-
103	INTERVIEW	F1	B1	W4	C1	S2 S21
104	MEN RESTROOM	F3	B2	W3 W5	C2	S16 S20 S21
105	WAITING	F1	B1	W4	C1	S2
106	FAMILY RESTROOM	F3	B2	W3 W5	C2	S16 S20 S21
107	STAKE PRESIDENT	F1	B1	W4	C1	S2 S21
108	WOMEN RESTROOM	F3	B2	W3 W5	C2	S16 S20 S21
109	CLERK	F1	B1	W4	C1	S2 S3 S21
110	FONT	F5	B4	W3 W5	C2	S12
110	FOYER	F1	B1	W4	C2	S1 S2
111	HIGH COUNCIL	F1	B1	W4	C1 C2	S2 S21
112	ROOM	F1	B1	W4	C1	S2
120	HALLWAY	F1-F3	B1-B2	W3 W4	C2	S2 S3 S8 S10
121	FAMILY RESTROOM	F3	B2	W3 W5	C2	S16 S20 S21
122	ROOM	F1	B1	W4	C1 C2	S2 S14 S22
123	INTERVIEW	F1	B1	W4	C2	S2 S21
124	ROOM	F1	B1	W4	C1 C2	S2 S14 S22
130	HALLWAY	F1-F8	B1-B2	W3 W4	C2	S2 S3 S8 S10 S18
131	VESTIBULE	F6	B1	W5	C2	S21
132	VESTIBULE	F6	B1	W5	C2	S21
133	TECHNOLOGY	F1	B1	W5 W7	C1	S5 S6
134	WAITING	F1	B1	W4	C2	S2
135	FOYER	F1	B1	W4	C2	S1 S2
136	BISHOP	F1	B1	W4	C1	S2 S21
137	FAMILY RESTROOM	F3	B2	W3 W5	C2	S16 S21
138	CLERK	F1	B1	W4	C1	S2 S3 S21
140	WAITING	F1	B1	W4	C2	S2
140	STAIR	F4-F7	B3	W2	C2	-
141	FIRE RISER	F4	B3	W5	C2	-
142	BISHOP	F1	B1	W4	C1	S2 S21
143	CLERK	F1	B1	W4	C1	S2 S3 S21
144	ROOM	F1	B1	W4	C2	S2
146	ROOM	F1	B1	W4	C2	S2
148	INTERVIEW	F1	B1	W4	C2	S2 S21
150	SERVING AREA	F8	B2	W5	C2	S3 S11
151	CUSTODIAL	F4	B2	W3-W5	C2	S13 S19
152	ROOM	F1	B1	W4	C1	S2
153	RESOURCE CENTER	F1	B1	W4	C1	S2 S3
154	ROOM	F1	B1	W4	C1	S2
155	ROOM	F1	B1	W4	C1	S2
156	ROOM	F1	B1	W4	C1	S2
157	MOTHER'S ROOM	F1-F3	B1-B2	W3 W5	C1	S2 S16 S20 S21
160	HALLWAY	F1-F8	B1-B2	W3 W4	C2	S2 S3 S8 S10 S18
161	VESTIBULE	F6	B1	W5	C2	S21
162	VESTIBULE	F6	B1	W5	C2	S21
163	SACRAMENT PREPARATION	F1	B1	W5	C1	S3 S21
164	WAITING	F1	B1	W4	C2	S2
165	FOYER	F1	B1	W4	C2	S1 S2
166	BISHOP	F1	B1	W4	C1	S2 S21
167	FAMILY RESTROOM	F3	B2	W3 W5	C2	S16 S20 S21
168	CLERK	F1	B1	W4	C1	S2 S3 S21
169	WARD STORAGE	F1	B3	W5	-	
170	WAITING	F1	B1	W3 W4	C2	S2
170	EQUIPMENT STORAGE	F4	B3	W5	-	
171	WARD STORAGE	F4	B3	W5	-	
172	BISHOP	F1	B1	W4	C1	S2 S21
172	WARD STORAGE	F4	B3	W5	-	
173	CLERK	F1	B1	W4	C1	S2 S3 S21
173	WARD STORAGE	F4	B3	W5	-	
174	ROOM	F1	B1	W4	C1	S2
176	ROOM	F1	B1	W4	C1	S2
178	ROOM	F1	B1	W4	C1	S2
180	ROOM	F1	B1	W4	C1	S2
182	ROOM	F1	B1	W4	C1	S2
184	ROOM	F1	B1	W4	C1	S2
186	ROOM	F1	B1	W4	C1	S2
188	ROOM	F1	B1	W4	C1	S2
190	ROSTRUM	F1	B1	W2 W5	C2	S1 S12
191	CHAPEL	F1	B1	W2 W5	C2	S1
192	CULTURAL CENTER	F2	B5	W1 W5 W9	C1 C2	S1 S4 S14 S24 S25
193	CULTURAL CENTER	F2	B5	W1 W5 W9	C1 C2	S1 S4 S14
195	PLATFORM	F1	B1	W4	C2	S12
196	STORAGE	F2	B5	W8	C2	S2
201	EQUIPMENT PLATFORM	F9	-	W6	-	S11

FINISH SCHEDULE LEGEND

F FLOOR
F1 CARPET
F2 WOOD FLOOR SYSTEM
F3 PAVER TILE
F4 CONCRETE, PAINTED
F5 CERMIC TILE W/ C.T.B
F6 CARPET TILE
F7 STAIR TREADS AND RISERS, RUBBER
F8 PAVER TILE THIN SET
F9 3/4" SHEATHING, PAINTED

B BASE
B1 CARPET
B2 PAVER TILE, COVED
B3 4" RUBBER
B4 CERAMIC TILE W/ C.T.B.
B5 METAL ANGLE

C CEILING
C1 ACOUSTIC CEILING TILE
C2 GYP BOARD

W WALLS
W1 WALL COVERING "A" (SISAL)
W3 CERAMIC TILE, FOR ACCENT TILE, SEE INTERIOR ELEVATIONS
W4 WALL COVERING "A" (SISAL) WAINSCOT WITH PAINTED GYPSUM BOARD ABOVE.
W5 GYPSUM BOARD, PAINTED.
W6 GYPSUM BOARD, TAPED.
W7 7/16" WOOD SHEATHING, PAINTED
W8 WALL COVERING"A" (SISAL) FULL HEIGHT ON 7/16" WOOD SHEATHING
W9 SISAL FINISH UP TO 11' - 3 1/2" + FROM 11' 3 1/2", PATINED GYP UP TO CEILING.

S SPECIAL TRIM OR EQUIPMENT
S1 WOOD TRIM
S2 CHAIR RAIL
S3 CABINETS
S4 DECORATION ANCHORS
S5 TELEPHONE BOARD
S6 SOUND MAIN EQUIPMENT CABINET, SEE SOUND DRAWINGS
S7 SOUND CONTROL PANEL, SEE SOUND DRAWINGS
S8 ELECTRIC WATER COOLER
S9 ELECTRIC PANEL
S10 FIRE EXTINGUISHER CABINET
S11 WALL MOUNTED FIRE EXTINGUISHER
S12 HANDRAIL
S13 CUSTODIAL UTILITY SHELF
S14 HYMN BOOK STORAGE
S15 FOLDING BENCH
S16 BABY CHANGING STATION
S17 UTILITY SHELF (STAINLESS STEEL)
S18 COAT RACK
S19 ADJUSTABLE SHELVES
S20 24" X 60" MIRROR, WALL HUNG
S21 INSULATION TYPE "A" ABOVE CEILING
S22 BLACKOUT DRAPES
S23 TELEVISION. CONTRACTOR PROVIDED & INSTALLED
S24 SAFETY WAINSCOT.
S25 ACOUSTICAL PANELS.

SEE SPECIFICATIONS FOR WALL FINISH TEXTURES

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STATE OF UTAH
BRIAN K. JOHNSON
No. 8656155-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

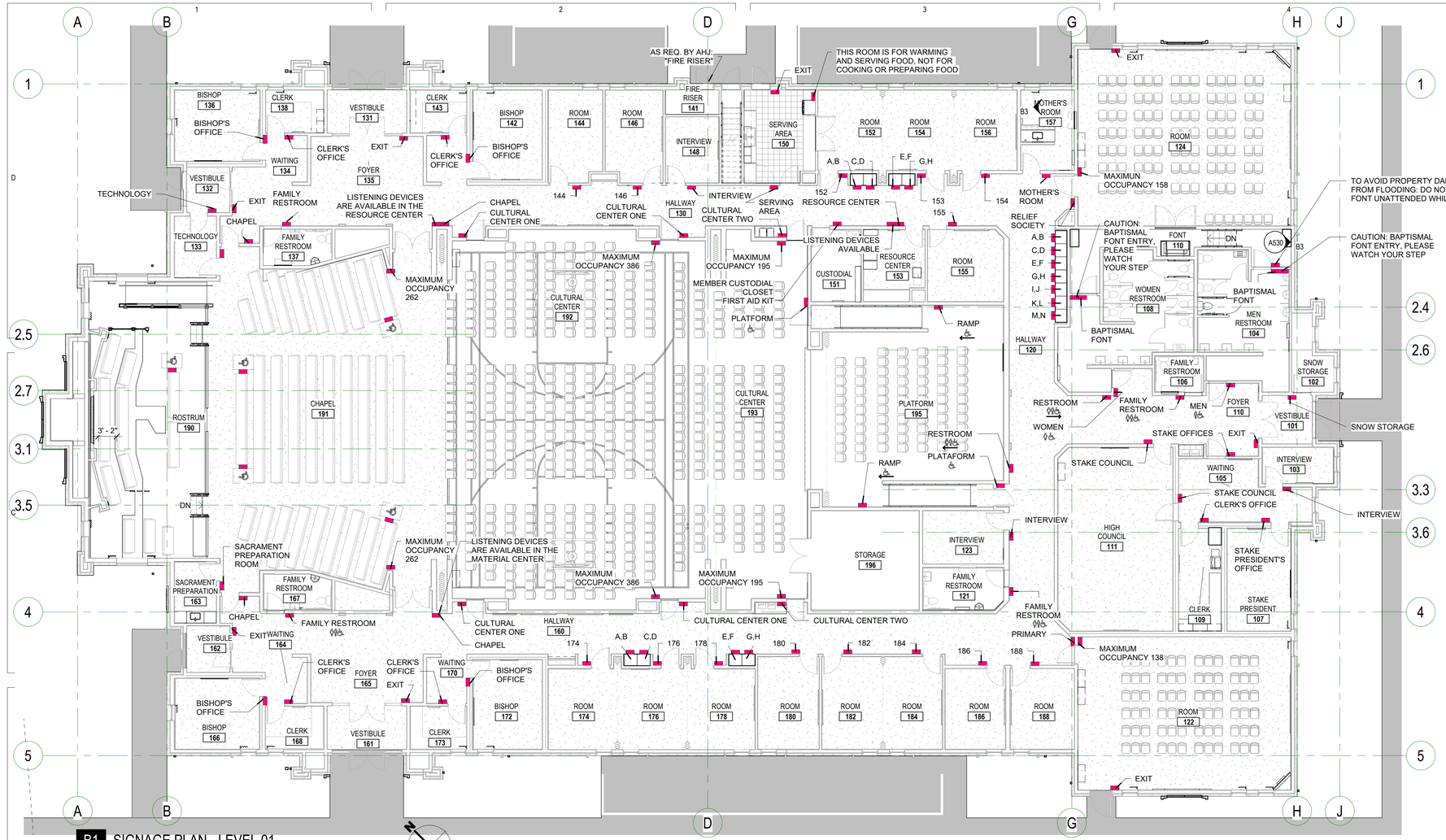
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

FINISH PLAN

F101

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B1 SIGNAGE PLAN - LEVEL 01

1" = 10'-0"

SIGNAGE SCHEDULE

PLAN ROOM #	COUNT	SIGNAGE NAME ROOM OR NUMBER	SIZE	MOUNTING	COMMENTS	PLAN ROOM NAME
144	1	144	6" X 6"	A/F102		ROOM
146	1	146	6" X 6"	A/F102		ROOM
152	2	152	6" X 6"	A/F102		ROOM
154	1	153	6" X 6"	A/F102		ROOM
156	1	154	6" X 6"	A/F102		ROOM
155	1	155	6" X 6"	A/F102		ROOM
174	1	174	6" X 6"	A/F102		ROOM
176	1	176	6" X 6"	A/F102		ROOM
178	1	178	6" X 6"	A/F102		ROOM
160	1	180	6" X 2"	E/F102		HALLWAY
160	1	182	6" X 2"	E/F102		HALLWAY
160	1	184	6" X 2"	E/F102		HALLWAY
186	1	186	6" X 6"	A/F102		ROOM
188	1	188	6" X 6"	A/F102		ROOM
120	1	A,B	6" X 6"	E/F102		HALLWAY
130	1	A,B	6" X 2"	E/F102		HALLWAY
160	1	A,B	6" X 2"	E/F102		HALLWAY
110	2	BAPTISMAL FONT	6" X 6"	A/F102		FONT
136	1	BISHOP'S OFFICE	6" X 6"	C/F102	SPECIFY WARD	BISHOP
142	1	BISHOP'S OFFICE	6" X 6"	C/F102	SPECIFY WARD	BISHOP
166	1	BISHOP'S OFFICE	6" X 6"	C/F102	SPECIFY WARD	BISHOP
172	1	BISHOP'S OFFICE	6" X 6"	C/F102	SPECIFY WARD	BISHOP
120	1	C,D	6" X 6"	E/F102		HALLWAY
130	1	C,D	6" X 2"	E/F102		HALLWAY
160	1	C,D	6" X 2"	E/F102		HALLWAY
110	1	CAUTION: BAPTISMAL FONT ENTRY, PLEASE WATCH YOUR STEP	6" X 6"	B/F102	MOUNT BELOW "BAPTISMAL FONT" SIGN	FONT
110	1	CAUTION: BAPTISMAL FONT ENTRY, PLEASE WATCH YOUR STEP	6" X 6"	B/F102	MOUNT BELOW "BAPTISMAL FONT" SIGN - SEE B/F103	FONT
130	1	CHAPEL	6" X 6"	A/F102		HALLWAY
160	1	CHAPEL	6" X 6"	A/F102		HALLWAY
191	2	CHAPEL	6" X 6"	B/F102		CHAPEL
109	1	CLERK'S OFFICE	6" X 6"	A/F102		CLERK
138	1	CLERK'S OFFICE	6" X 6"	A/F102		CLERK
143	1	CLERK'S OFFICE	6" X 6"	A/F102		CLERK
168	1	CLERK'S OFFICE	6" X 6"	A/F102		CLERK
173	1	CLERK'S OFFICE	6" X 6"	A/F102		CLERK

SIGNAGE SCHEDULE

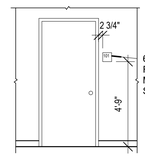
PLAN ROOM #	COUNT	SIGNAGE NAME ROOM OR NUMBER	SIZE	MOUNTING	COMMENTS	PLAN ROOM NAME
192	4	CULTURAL CENTER ONE	6" X 6"	A/F102		CULTURAL CENTER
193	2	CULTURAL CENTER TWO	6" X 6"	A/F102		CULTURAL CENTER
120	1	E,F	6" X 6"	E/F102		HALLWAY
130	1	E,F	6" X 2"	E/F102		HALLWAY
160	1	E,F	6" X 2"	E/F102		HALLWAY
101	1	EXIT	6" X 6"	A/F102	TACTILE, BRAILLE	VESTIBULE
122	1	EXIT	6" X 6"	A/F102	TACTILE, BRAILLE	ROOM
124	1	EXIT	6" X 6"	A/F102	TACTILE, BRAILLE	ROOM
131	1	EXIT	6" X 6"	A/F102	TACTILE, BRAILLE	VESTIBULE
132	1	EXIT	6" X 6"	A/F102	TACTILE, BRAILLE	VESTIBULE
150	1	EXIT	6" X 2"	E/F102		SERVING AREA
161	1	EXIT	6" X 6"	A/F102	TACTILE, BRAILLE	VESTIBULE
162	1	EXIT	6" X 6"	A/F102	TACTILE, BRAILLE	VESTIBULE
106	1	FAMILY RESTROOMS	6" X 6"	A/F102		FAMILY RESTROOM
121	1	FAMILY RESTROOMS	6" X 6"	A/F102		FAMILY RESTROOM
137	1	FAMILY RESTROOMS	6" X 6"	A/F102		FAMILY RESTROOM
167	1	FAMILY RESTROOMS	6" X 6"	A/F102		FAMILY RESTROOM
141	1	G,H	6" X 6"	E/F102		FIRE RISER
130	1	G,H	6" X 2"	E/F102		HALLWAY
160	1	G,H	6" X 6"	A/F102		HALLWAY
120	1	I,J	6" X 6"	E/F102		HALLWAY
103	1	INTERVIEW	6" X 6"	A/F102		INTERVIEW
123	1	INTERVIEW	6" X 6"	A/F102		INTERVIEW
148	1	INTERVIEW	6" X 6"	A/F102		INTERVIEW
120	1	K,L	6" X 6"	E/F102		HALLWAY
130	1	LISTENING DEVICES ARE AVAILABLE IN THE MATERIAL CENTER	6" X 6"	B/F102	MOUNTED BELOW THE "CHAPEL" SIGN	HALLWAY

SIGNAGE SCHEDULE

PLAN ROOM #	COUNT	SIGNAGE NAME ROOM OR NUMBER	SIZE	MOUNTING	COMMENTS	PLAN ROOM NAME
153	1	LISTENING DEVICES AVAILABLE	6" X 6"	B/F102	MOUNTED BELOW MATERIALS CENTER SIGN	RESOURCE CENTER
120	1	M,N	6" X 6"	E/F102		HALLWAY
122	1	MAXIMUM OCCUPANCY 138	6" X 6"	A/F102		ROOM
124	1	MAXIMUM OCCUPANCY 158	6" X 6"	A/F102		ROOM
193	2	MAXIMUM OCCUPANCY 195	6" X 6"	A/F102		CULTURAL CENTER
191	2	MAXIMUM OCCUPANCY 262	6" X 6"	A/F102		CHAPEL
192	2	MAXIMUM OCCUPANCY 386	6" X 6"	A/F102		CULTURAL CENTER
151	1	MEMBER CUSTODIAL CLOSET FIRST AID KIT	6" X 6"	B/F102		CUSTODIAL
104	1	MEN	6" X 6"	A/F102		MEN RESTROOM
157	1	MOTHER'S ROOM	6" X 6"	A/F102		MOTHER'S ROOM
190	1	PEW MOUNTED ADA SIGN	3" X 3"	H/F102		ROSTRUM
191	4	PEW MOUNTED ADA SIGN	3" X 3"	H/F102		CHAPEL
193	1	PLATFORM	6" X 6"	A/F102		CULTURAL CENTER
195	1	PLATFORM	6" X 6"	A/F102		PLATFORM
122	1	PRIMARY	6" X 6"	A/F102		ROOM
155	1	RAMP	6" X 6"	A/F102	ARROW LEFT	ROOM
195	1	RAMP	6" X 6"	A/F102	ARROW RIGHT	PLATFORM
124	1	RELIEF SOCIETY	6" X 6"	A/F102		ROOM
153	1	RESOURCE CENTER	6" X 6"	B/F102		RESOURCE CENTER
120	1	RESTROOMS	6" X 6"	A/F102		HALLWAY
195	1	RESTROOMS	6" X 6"	A/F102		PLATFORM
163	1	SACRAMENT PREPARATION ROOM	6" X 6"	A/F102		SACRAMENT PREPARATION
150	1	SERVING AREA	6" X 2"	E/F102		SERVING AREA
102	1	SNOW STORAGE	6" X 6"	A/F102		SNOW STORAGE
111	2	STAKE COUNCIL	6" X 6"	A/F102		HIGH COUNCIL

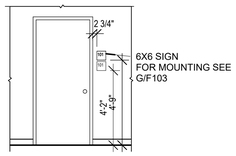
SIGNAGE SCHEDULE

PLAN ROOM #	COUNT	SIGNAGE NAME ROOM OR NUMBER	SIZE	MOUNTING	COMMENTS	PLAN ROOM NAME
105	1	STAKE OFFICES	6" X 6"	A/F102		WAITING
107	1	STAKE PRESIDENT'S OFFICE	6" X 6"	A/F102		STAKE PRESIDENT
133	2	TECHNOLOGY	6" X 6"	A/F102		TECHNOLOGY
150	1	THIS ROOM IS FOR WARMING AND SERVING FOOD, NOT FOR COOKING OR PREPARING FOOD	6" X 2"	E/F102		SERVING AREA
110	1	TO AVOID PROPERTY DAMAGED FROM FLOODING: DO NOT LEAVE FONT UNATTENDED WHILE FILLING	3" X 3"	A/F102	MOUNT ON THE FACE OF THE DOOR OF THE FONT CONTROL BOX	FONT
108	1	WOMEN	6" X 6"	A/F102		WOMEN RESTROOM



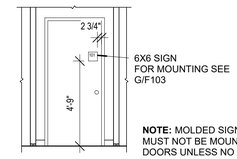
A MOLDED SIGN MOUNTING

1/4" = 1'-0"



B DOUBLE MOLDED SIGN MOUNTING

1/4" = 1'-0"



NOTE: MOLDED SIGNS MUST NOT BE MOUNTED ON DOORS UNLESS NO OTHER ALTERNATIVE IS AVAILABLE

C MOLDED SIGN DOOR MOUNTING

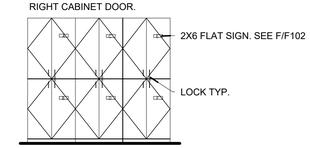
1/4" = 1'-0"

NOTE:
SIGN IS SUPPLIED WITH SELF-ADHESIVE

F FLAT SIGN DETAIL

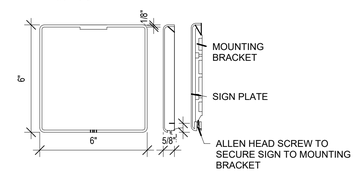
3" = 1'-0"

NOTE:
MOUNT SIGN TWO THIRDS UP FROM BOTTOM OF CABINET AND CENTERED ON RIGHT CABINET DOOR.



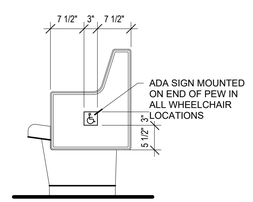
E FLAT SIGN CABINET MOUNTING

1/4" = 1'-0"



G MOLDED SIGN PLATE DETAIL

3" = 1'-0"



H ADA SIGN MOUNTED ON PEW

3/4" = 1'-0"

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STATE OF UTAH
JOSHUA R. JOHNSON
No. 8856188-0301
02/19/2026
LICENSED ARCHITECT

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 03.03.26

REV	DATE	DESCRIPTION

ROOM SIGNAGE AND LOCATION PLAN

F102

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STRUCTURAL SHEET INDEX	
#	SHEET NAME
S101	FOOTING AND FOUNDATION PLAN
S102	ANCHOR BOLT HOLD-DOWN AND WALL TYPE PLAN
S103	ROSTRUM FRAMING AND PLATFORM FRAMING PLANS
S104	EQUIPMENT PLATFORM FRAMING PLAN
S105	ROOF FRAMING PLAN
S106	ENLARGED ROOF FRAMING PLANS
S107	STORAGE BUILDING PLANS
S201	TRUSS ELEVATIONS
S202	TRUSS ELEVATIONS
S203	TRUSS ELEVATIONS
S204	TRUSS ELEVATIONS
S205	TRUSS ELEVATIONS
S206	TRUSS ELEVATIONS
S401	STEEPLE DETAILS
S402	STEEPLE DETAILS
S501	FOUNDATION DETAILS

STRUCTURAL SHEET INDEX	
#	SHEET NAME
S502	FOUNDATION DETAILS
S503	FOUNDATION DETAILS
S504	FOUNDATION DETAILS
S511	ROSTRUM AND PLATFORM DETAILS
S512	ROSTRUM AND PLATFORM DETAILS
S513	EQUIPMENT PLATFORM FRAMING DETAILS
S514	EQUIPMENT PLATFORM FRAMING DETAILS
S521	ROOF DETAILS
S522	ROOF DETAILS
S523	ROOF DETAILS
S524	ROOF DETAILS
S525	DETAILS
S601	SCHEDULES
S602	SCHEDULES
S603	SCHEDULES
S604	SCHEDULES

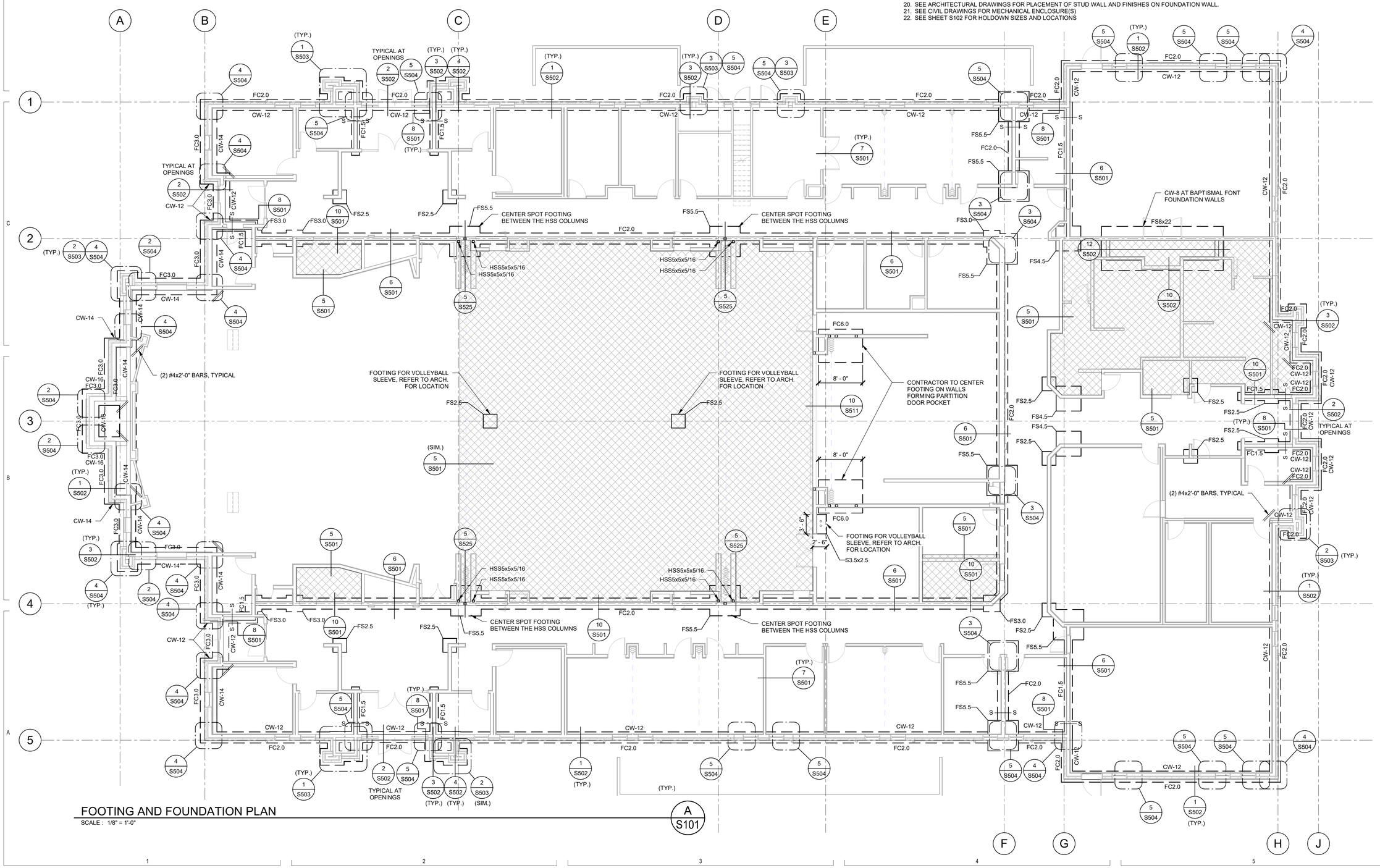
SITE PREPARATION

SOILS SUPPORTING FOOTINGS AND SLABS ARE REQUIRED TO BE PREPARED AS DESCRIBED IN THE GOETECHNICAL REPORT, SEE SCHEDULE A ON SHEET S601.

1. AT STRUCTURE FOUNDATIONS - OVEREXCAVATE PER GEOTECHNICAL REPORT.
2. AT CONCRETE SLABS-ON-GRADE - OVEREXCAVATE PER GEOTECHNICAL REPORT.
3. REPLACE OVEREXCAVATED SOILS WITH PROCESSED, MOISTURE-CONDITIONED AND COMPACTED STRUCTURAL FILL AS PER THE RECOMMENDATIONS IN THE GEOTCHNICAL REPORT.
4. THE SOIL PREPARATION AREA SHALL EXTEND LATERALLY A MINIMUM OF 5 FEET BEYOND THE EDGES OF THE BUILDING AND EXTERIOR FOOTINGS.
5. THE GEOTECHNICAL CONSULTANT SHALL OBSERVE EXPOSED MATERIALS DURING CONSTRUCTION FOR EVALUATION AND SHALL ALSO VERIFY THE LIMITS AND DEPTHS OF OVEREXCAVATED SOILS AND VERIFY SOILS ARE COMPETENT. GEOTECHNICAL CONSULTANT SHALL PROVIDE A WRITTEN REPORT OF THEIR EVALUATION AND OBSERVATIONS.
6. THE GEOTECHNICAL CONSULTANT SHALL ALSO OBSERVE AND EVALUATE TESTING REPORTS OF STRUCTURAL FILL PLACEMENT AND REPORT ON CONDITIONS.

FOOTING AND FOUNDATION PLAN NOTES:

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/S501 FOR TYPICAL PIPE PERPENDICULAR AND PARALLEL TO FOOTING DETAIL.
7. SEE DETAIL 2/S501 FOR TYPICAL REINFORCING AT INTERSECTIONS IN CONCRETE WALLS.
8. SEE DETAIL 3/S501 FOR TYPICAL SILL PLATE BOLTING DETAIL.
9. SEE DETAIL 4/S501 FOR TYPICAL STEPPED FOOTING DETAIL.
10. SEE DETAIL 9/S501 FOR TYPICAL SLAB ON GRADE DETAIL.
11. DEPRESS FLOOR SLAB AS SHOWN ON PLANS FOR TILE/WOOD FLOOR SYSTEM. SEE 5/S501, 10/S501 AND 11/S501 FOR DETAIL AT STEP IN SLAB. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
12. RECESS FOUNDATION WALL 8" AT DOORWAYS AND POUR SLAB THRU OPENING. SEE 2/S502.
13. SEE DETAIL 6/S502 WHERE SPOT FOOTINGS AND CONTINUOUS FOOTINGS ARE PLACED AT DIFFERENT TIMES.
14. SEE DETAIL 7/S502 FOR TYPICAL FOOTING OVER COMPACTED STRUCTURAL FILL.
15. VERIFY SIZES OF FOUNDATION/CONCRETE WALLS WITH ARCHITECTURAL DRAWINGS. NOTIFY ARCHITECT AND ENGINEER OF DISCREPANCIES FOUND.
16. SPOT FOOTINGS ARE TO BE CENTERED UNDER COLUMN OR HOLD-DOWN.
17. TOP OF FOOTING 98'-0" TYPICAL UNLESS NOTED OTHERWISE AT ALL EXTERIOR FOOTINGS.
18. TOP OF FOOTING 99'-6" TYPICAL UNLESS NOTED OTHERWISE AT ALL INTERIOR FOOTINGS.
19. SEE LEGEND ON S601 FOR SYMBOLS AND ABBREVIATIONS.
20. SEE ARCHITECTURAL DRAWINGS FOR PLACEMENT OF STUD WALL AND FINISHES ON FOUNDATION WALL.
21. SEE CIVIL DRAWINGS FOR MECHANICAL ENCLOSURE(S)
22. SEE SHEET S102 FOR HOLDOWN SIZES AND LOCATIONS



FOOTING AND FOUNDATION PLAN

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

A S101

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REV	DATE	DESCRIPTION

FOOTING AND FOUNDATION PLAN

S101

ANCHOR BOLT, HOLD-DOWN AND WALL-TYPE PLAN NOTES:

1. SEE DETAIL 1/S521 FOR TYPICAL TOP PLATE SPLICE DETAIL.
2. SEE DETAIL 2/S521 FOR TYPICAL TOP PLATE SPLICE PENETRATION SCHEDULE.
3. SEE DETAIL 3/S521 AND DETAIL 4/S521 FOR TYPICAL WALL PENETRATIONS.
4. SEE WOOD BEAM SCHEDULE ON SHEET S603 FOR BUILT-UP BEAM INFORMATION.
5. SEE SCHEDULES ON S603 AND S504 FOR WALL, ROOF, FLOOR SHEATHING AND NAILING REQUIREMENTS.
6. FOR UNMARKED INTERIOR HEADERS, USE (3) 2x6 FOR 2x6 WALLS AND (2) 2x6 FOR 2x4 WALLS. USE (1) BEARING AND (1) KING STUD.
7. SEE DETAILS 6/S521, 7/S521 AND 9/S521 FOR BRACING AT NON-STRUCTURAL WALLS.
8. SEE SHEET S504 FOR ANCHOR AND HOLD-DOWN DETAIL AND SCHEDULES.
9. SEE SHEET S603 FOR STRUCTURAL WOOD WALL SCHEDULE.
10. SEE SHEET S503 AND S504 FOR ADDITIONAL FOOTING AND FOUNDATION WALL INFORMATION AT WALL POP-OUTS.
11. SEE ARCHITECTURAL FOR NON-STRUCTURAL WALLS.
12. SEE LEGEND ON S601 FOR SYMBOLS AND ABBREVIATIONS.
13. WOOD SHEATHING APPLIED ON OUTSIDE FACE OF ALL EXTERIOR WALLS.
14. VERIFY WALL SIZES WITH ARCHITECTURAL DRAWINGS. NOTIFY ARCHITECT AND ENGINEER OF DISCREPANCIES FOUND.

NOTE: ANCHORS FOR STAGE PARTITION DOOR MAY BE POST-INSTALLED

ANCHOR BOLT, HOLD-DOWN, AND WALL TYPE PLAN

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

A S102

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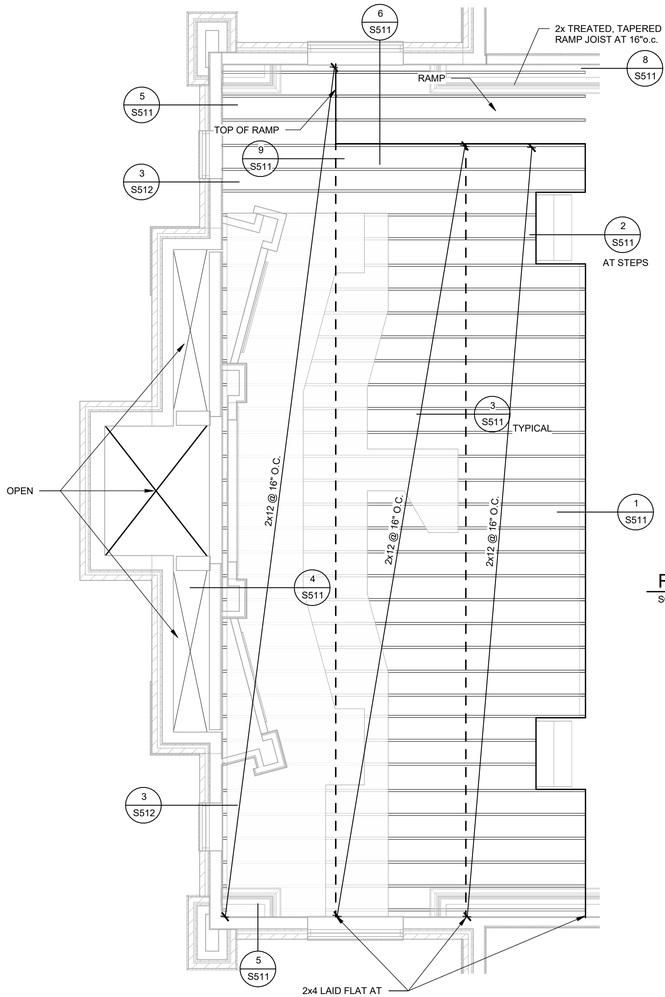
REV	DATE	DESCRIPTION

ANCHOR BOLT HOLD-DOWN AND WALL TYPE PLAN

S102

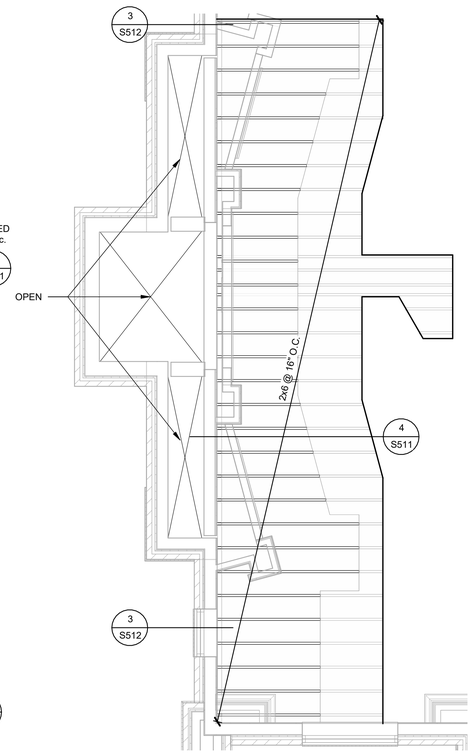
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ROSTRUM FRAMING AND PLATFORM FRAMING PLAN NOTES:
1. SEE SHEATHING TYPE AND NAILING SCHEDULES ON SHEET S604 FOR FLOOR SHEATHING AND NAILING REQUIREMENTS.
2. SEE ARCHITECTURAL FOR DIMENSIONS AND ELEVATIONS.

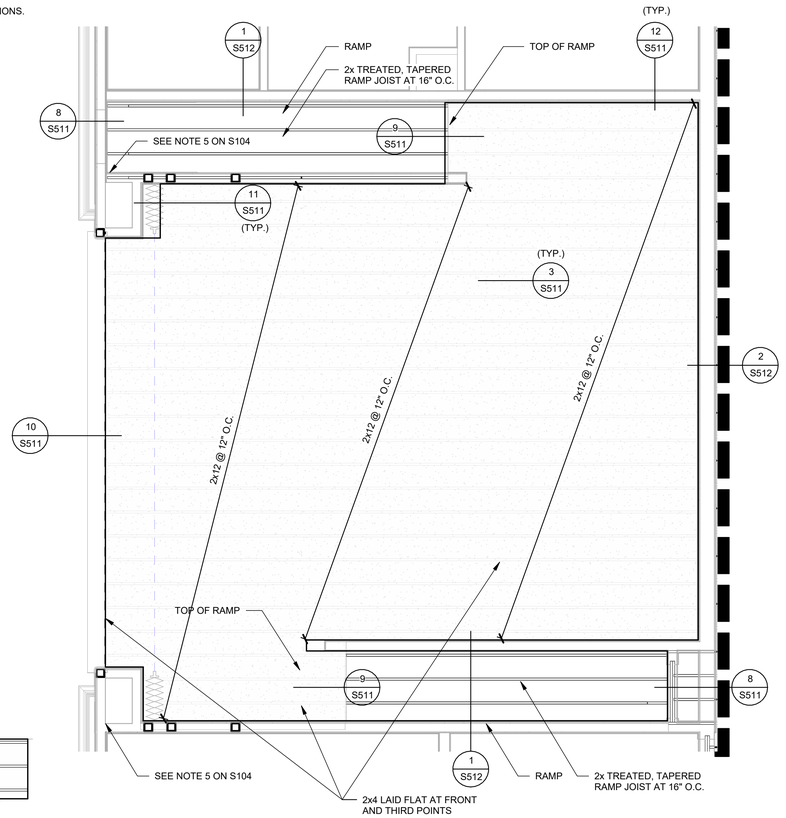


ROSTRUM FRAMING
SCALE : 1/4" = 1'-0"
A S103

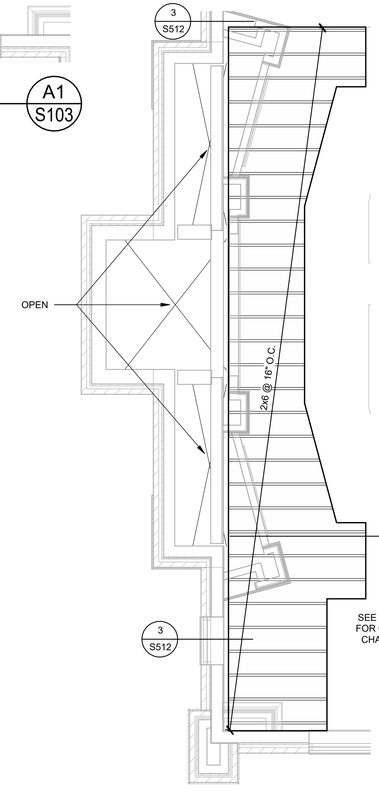
ROSTRUM LOADING	
DEAD LOAD	= 15 psf
LIVE LOAD	= 100 psf
TOTAL LOAD	= 115 psf



ROSTRUM FRAMING
SCALE : 1/4" = 1'-0"
A1 S103



PLATFORM FRAMING
SCALE : 1/4" = 1'-0"
B S103



ROSTRUM FRAMING
SCALE : 1/4" = 1'-0"
A2 S103

PLATFORM LOADING	
DEAD LOAD	= 15 psf
LIVE LOAD	= 125 psf
TOTAL LOAD	= 140 psf

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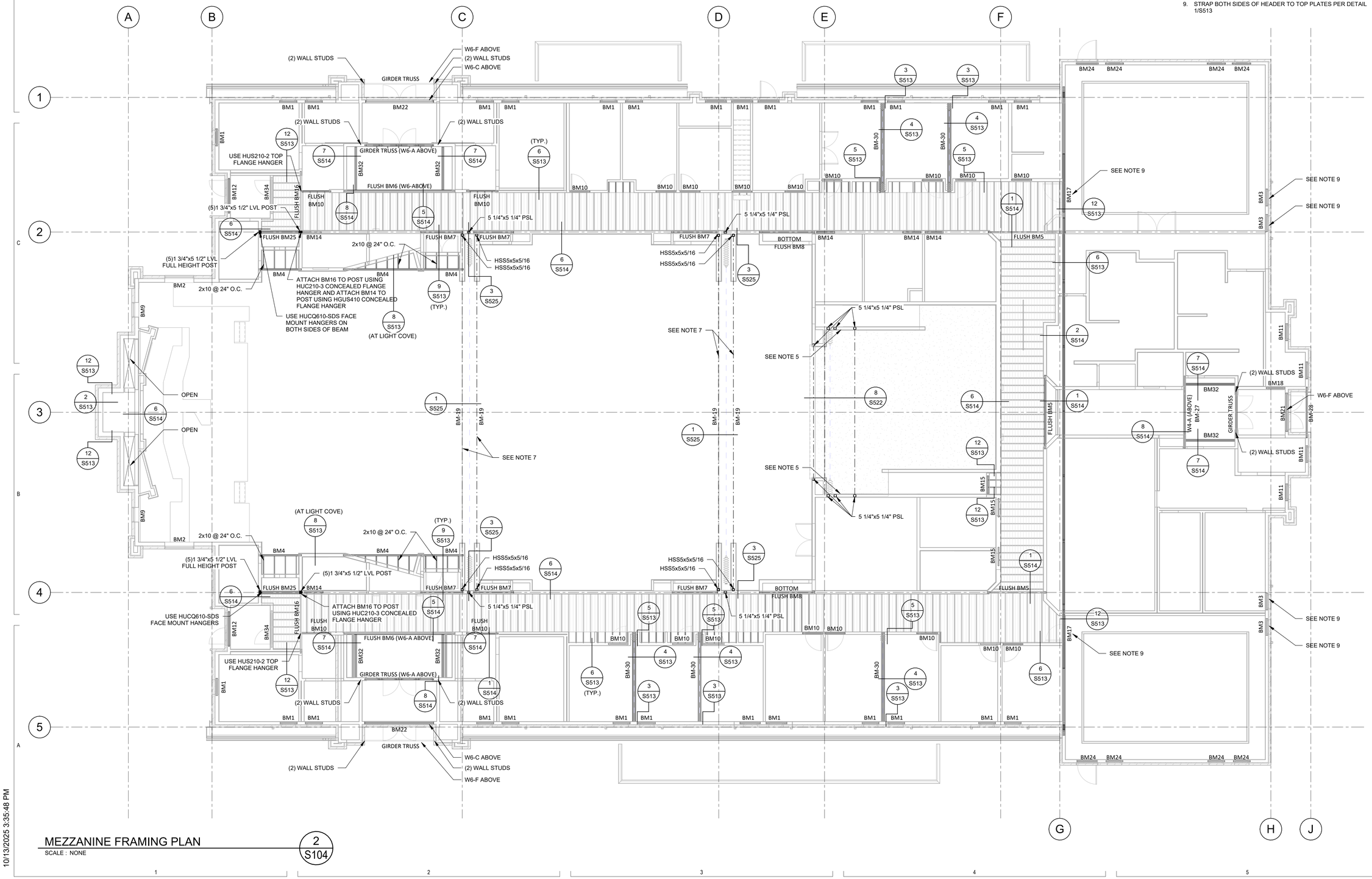
ROSTRUM FRAMING AND PLATFORM FRAMING PLANS

S103

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 SCHEDULES ON SHEET S604 FOR FLOOR NAILING REQUIREMENTS.
2. SEE ARCHITECTURAL FOR DIMENSIONS AND ELEVATIONS.
3. EQUIPMENT PLATFORM TO BE 2x10 @ 16" O.C. U.N.O. USE HU210TF TOP FLANGE HANGERS FOR FLUSH BEAM CONNECTION
4. CONTRACTOR TO REFER TO THE ELECTRICAL DRAWINGS TO COORDINATE FRAMING LAYOUT WITH THE LIGHTING LAYOUT.
5. SHEATHING INSIDE OF WALL FOR STABILITY OF TRUSSES ABOVE.
6. WHERE DUCTING PENETRATES A BEARING WALL, SEE DETAIL 9/S514
7. PROVIDE 1/4" PLATE STIFFENER EA. SIDE OF BEAM, BETWEEN BEAM FLANGES AT EACH HANGER LOCATION AND AT COLUMN SUPPORTS. ENSURE PLATE WILL NOT INTERFERE WITH MOUNTING HARDWARE
8. SEE DETAIL 10/S514 FOR TOP PLATE REINFORCING AT GAS PIPE PENETRATION.
9. STRAP BOTH SIDES OF HEADER TO TOP PLATES PER DETAIL 1/S513



MEZZANINE FRAMING PLAN
SCALE : NONE
2 / S104

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EQUIPMENT PLATFORM FRAMING PLAN

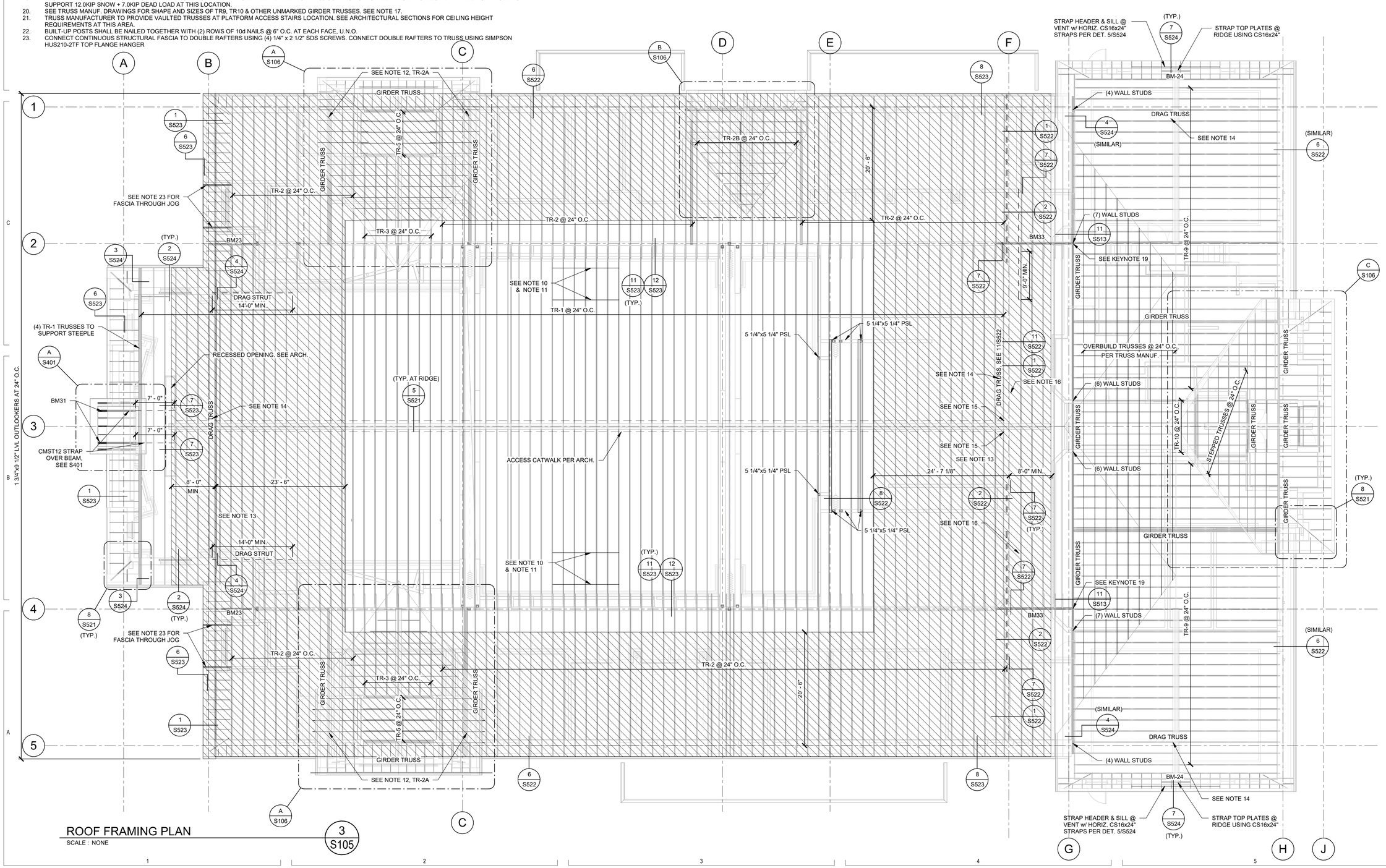
S104

ROOF FRAMING PLAN NOTES:

1. SEE DETAIL 1/S521 FOR TYPICAL TOP PLATE SPLICE DETAIL.
2. SEE DETAIL 2/S521 FOR TOP PLATE SPLICE SCHEDULE FOR PIPES THAT PENETRATE TOP PLATES.
3. SEE DETAILS 3/S521 AND 4/S521 FOR WALL PENETRATIONS.
4. SEE WOOD BEAM SCHEDULE ON S603 FOR BUILT-UP BEAM DETAIL.
5. SEE SCHEDULE ON SHEETS S603 AND S604 FOR WALL, ROOF, AND FLOOR SHEATHING AND NAILING REQUIREMEMTS.
6. SEE ARCHITECTURAL PLANS FOR ROOF AND BEARING ELEVATIONS.
7. FOR UNMARKED INTERIOR HEADERS, USE (3) 2x6 FOR 2x6 WALLS AND (2) 2x6 FOR 2x4 WALLS. USE (1) BEARING AND (1) KING STUD.
8. SEE DETAILS 6/S521, 7/S521, AND 9/S521 FOR BRACING AT NON-STRUCTURAL WALLS.
9. ALL TRUSSES SPACED AT 2'-0" O.C. SEE TRUSS ELEVATIONS AND LOADING DIAGRAMS STARTING SHEET S201.
10. TRUSS MANUF. TO ACCOUNT FOR ADDITIONAL LOAD FOR BASKETBALL MOUNT SUPPORT. SEE BASKETBALL SUBMITTAL.
11. (2) 2x12 LONG SUPPORTS WITH (2) 19/32" WOOD FILLERS FULL LENGTH OF BASKETBALL MOUNT. SEE ARCH/ BASKETBALL SUBMITTAL FOR LOCATION AND CONNECTION.
12. 3-PLY GIRDER TRUSS PER MANUFACTURER, PROVIDE ONE BEARING STUD PER TRUSS PLY UNDER TRUSS AT BEARING CONDITION.
13. TYPE 1 BLOCKED DIAPHRAGM, SEE SCHEDULE E/S604.
14. 3-PLY MINIMUM DRAG TRUSS MANUFACTURER TO DESIGN TRUSS FOR 440 PLF (ASD). ALIGN FACE OF 3-PLY TRUSS ON INSIDE FACE OF WOOD STUD WALL.
15. PROVIDE FULL HEIGHT POST FOR CATWALK ACCESS LADDER, SEE MANUF. REQUIREMENTS FOR MIN. SIZE AND CONNECTION DETAILS. SEE ARCH. FOR LOCATION AND OTHER INFORMATION
16. TRUSS MANUFACTURER TO ENSURE TRUSS ADJACENT TO WALL IS PLACED 2'-0" AWAY FROM FACE OF WALL TO PROVIDE CLEAR DISTANCE FOR CATWALK ACCESS.
17. TRUSS MANUFACTURER TO ENSURE ALL TRUSS HEIGHTS AND SHAPES MEET ARCHITECTURAL CEILING HEIGHTS AND CLEAR HEIGHTS. PLEASE COORDINATE ANY DISCREPANCIES WITH THE ARCHITECT.
18. TRUSS MANUFACTURER TO PROVIDE MIDDLE CHORD FOR INSULATION SUPPORT WHERE APPLICABLE, SEE ARCH. FOR LOCATIONS AND OTHER REQUIREMENTS
19. TRUSS MANUFACTURER TO DESIGN GIRDER TRUSS TO HAVE VERTICAL WEB MEMBER FOR BM33 CONNECTION. GIRDER TRUSS TO BE 3-PLY MIN. DESIGN TRUSS TO SUPPORT 12.0KIP SNOW + 7.0KIP DEAD LOAD AT THIS LOCATION.
20. SEE TRUSS MANUF. DRAWINGS FOR SHAPE AND SIZES OF TR9, TR10 & OTHER UNMARKED GIRDER TRUSSES. SEE NOTE 17.
21. TRUSS MANUFACTURER TO PROVIDE VAULTED TRUSSES AT PLATFORM ACCESS STAIRS LOCATION. SEE ARCHITECTURAL SECTIONS FOR CEILING HEIGHT REQUIREMENTS AT THIS AREA.
22. BUILT-UP POSTS SHALL BE NAILED TOGETHER WITH (2) ROWS OF 10d NAILS @ 6" O.C. AT EACH FACE, U.N.O.
23. CONNECT CONTINUOUS STRUCTURAL FASCIA TO DOUBLE RAFTERS USING (4) 1/4" x 2 1/2" SDS SCREWS. CONNECT DOUBLE RAFTERS TO TRUSS USING SIMPSON HUS210-2TF TOP FLANGE HANGER

ROOF LOADING

ASPHALT SHINGLES	= 4.7 psf
TRUSSES	= 7.0 psf
SHEATHING	= 2.5 psf
CEILING / INSULATION	= 4.0 psf
MECHANICAL	= 1.0 psf
LIGHTING	= 1.0 psf
TOTAL DEAD LOAD	**= 20 psf**
SNOW LOAD	**= 30 psf**
LIVE LOAD	**= 20 psf**
TOTAL ROOF LOAD	**= 50 psf**



ROOF FRAMING PLAN
SCALE : NONE
3 / S105

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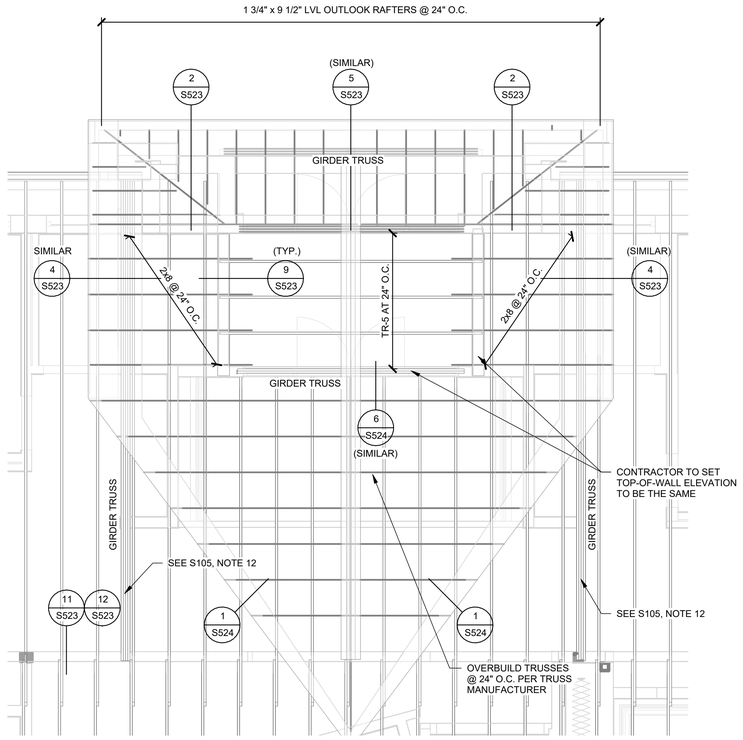
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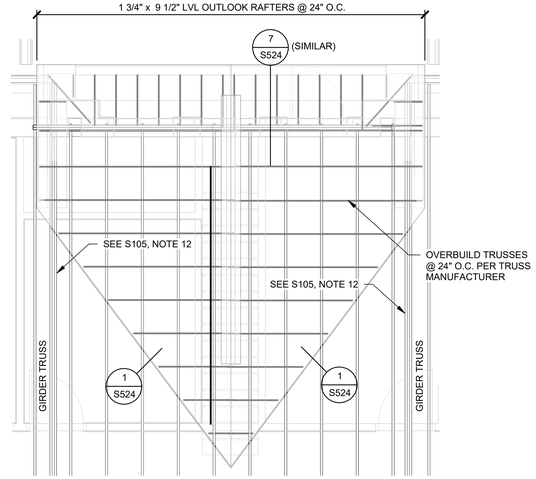
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ROOF FRAMING PLAN

S105

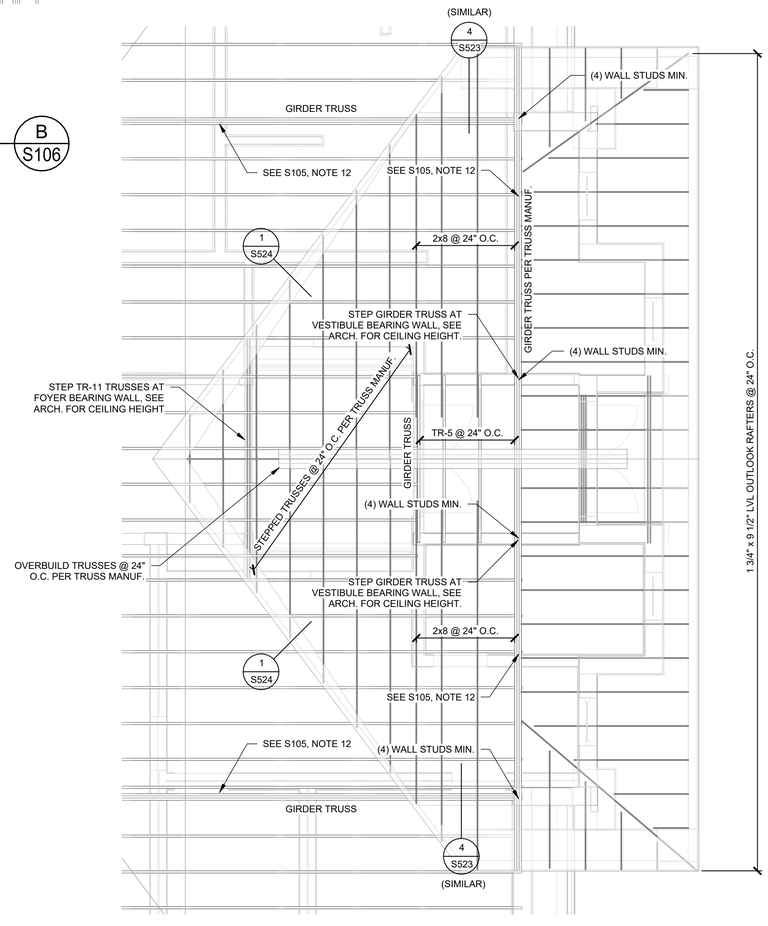


ENLARGED ROOF FRAMING PLAN 1 — A S106
SCALE : NONE



ENLARGED ROOF FRAMING PLAN 2 — B S106
SCALE : NONE

ENLARGED ROOF FRAMING PLAN NOTES:
1. SEE S105 FOR ROOF FRAMING NOTES, ROOF LOADING TABLES, AND ADDITIONAL FRAMING INFORMATION.
2. TRUSS MANUFACTURER TO REVIEW SHEETS S104 & S105 FOR ALL GIRDER TRUSS LOCATION, DUPLICATE GIRDER TRUSS HAVE BEEN PLACED ON THE ROOF FRAMING PLAN FOR CLARITY.



ENLARGED ROOF FRAMING PLAN 3 — C S106
SCALE : NONE

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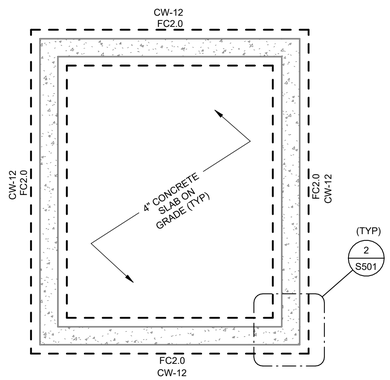
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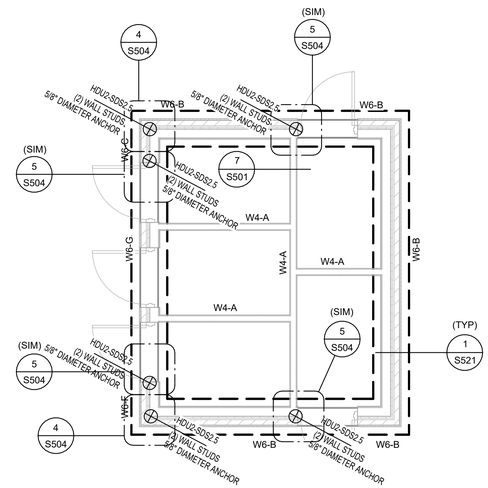
ENLARGED ROOF FRAMING PLANS

S106

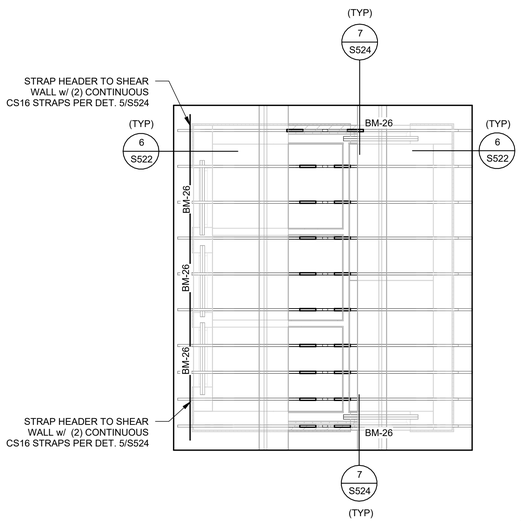
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STORAGE FOOTING & FDN PLAN
SCALE : 1/4" = 1'-0"
1 S107



HOLDOWN, ANCHOR BOLT & WALL TYPE PLAN
SCALE : 1/4" = 1'-0"
2 S107



STORAGE ROOF FRAMING PLAN
SCALE : 1/4" = 1'-0"
3 S107

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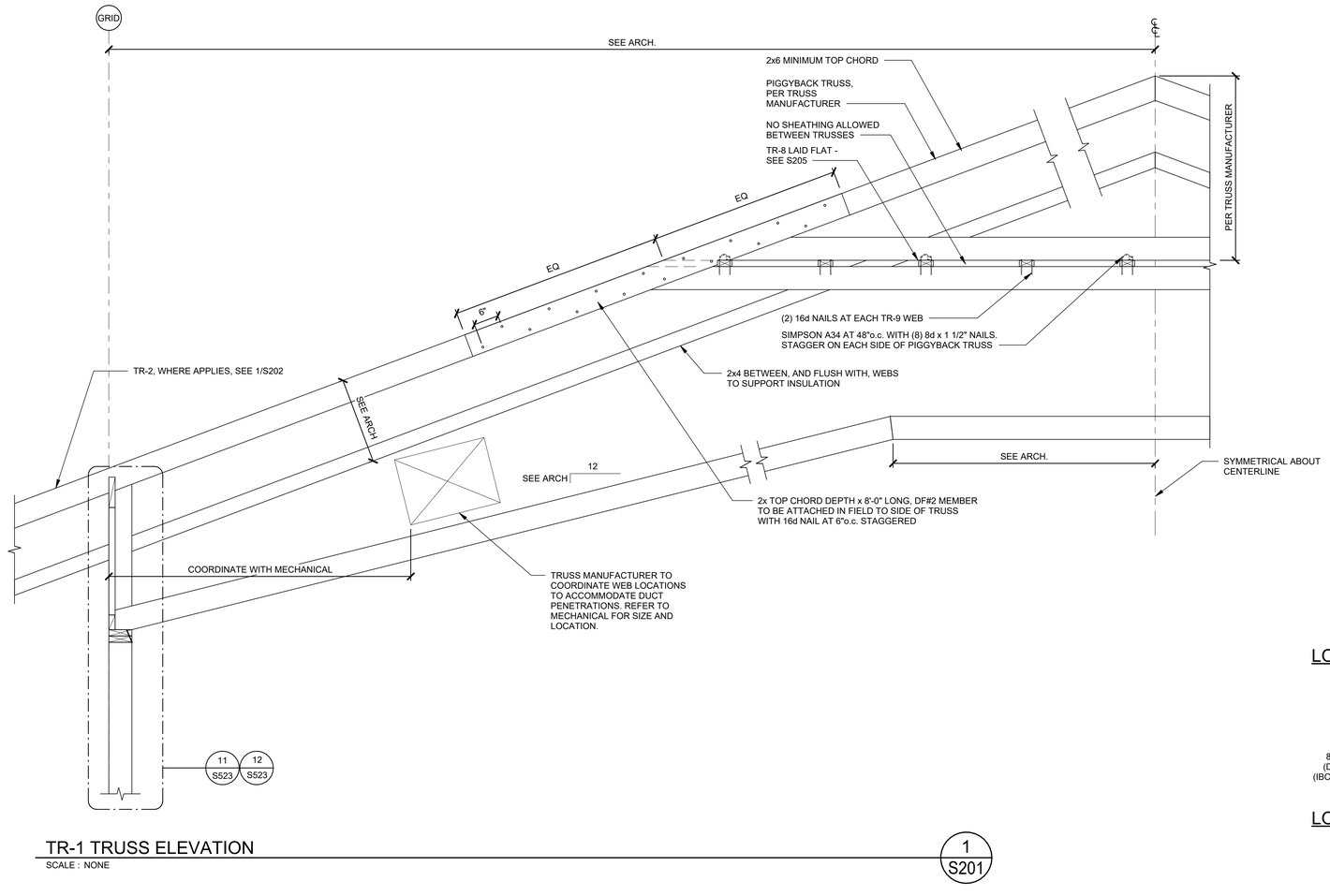
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REV	DATE	DESCRIPTION

STORAGE BUILDING PLANS

S107

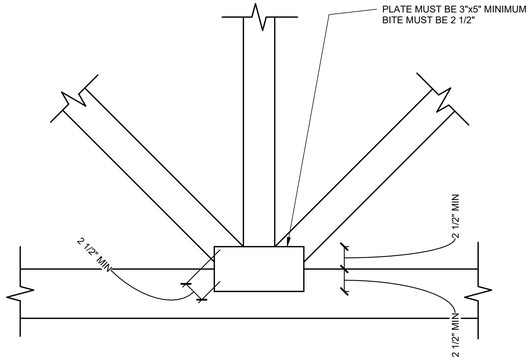
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TR-1 TRUSS ELEVATION

SCALE : NONE

1 / S201



TYPICAL GUSSET TO TRUSS SCHEMATIC

SCALE : NONE

2 / S201

TR-1 TRUSS LOADS (ASD)[1]					
A	B	C	D	E	F[1]
BALANCED SNOW/ROOF LIVE LOAD (psf)	TOP CHORD DEAD LOAD (psf)	WINDWARD LOAD (psf)	LEEWARD LOAD (psf)	LEEWARD EXTENT (FT'-IN" LOAD)	BOTTOM CHORD LOAD (psf)
30	20	9	25	10'-6"	6.5

TR-1 TRUSS NOTES:

1. SEE S201 FOR GENERAL TRUSS NOTES.
2. TR-1 WIND LOADS ARE ASD LOADS.
3. SEISMIC LOADS DO NOT CONTROL DESIGN.
4. TRUSS TO BE (4) PLY AT STEEPLE SUPPORT.
5. TOP CHORD AT (4) PLY TRUSS AT STEEPLE TO BE 2x10.
6. LOAD DIAGRAMS 3,4,5,6, AND 7 APPLY TO TRUSSES AT STEEPLE SUPPORT.

   *STEEPLE LOADS ARE ASSUMED LOADS AND WILL BE VERIFIED AS PART OF A DEFERRED STEEPLE SUBMITTAL
7. LOAD DIAGRAMS 8 AND 9 APPLY TO TRUSSES AT FOLDING PARTITION DOORS, SEE TR-1A.
8. TRUSS MANUF. TO ACCOUNT FOR ADDITIONAL LOAD FOR BASKETBALL SUPPORT. SEE S105 AND ARCHITECTURAL/ BASKETBALL SUBMITTAL.

TR-1 LOAD COMBINATIONS

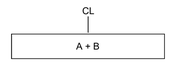
TYPICAL TRUSS:
COMBINATION LOAD 1: LOAD DIAGRAMS 1,10
COMBINATION LOAD 2: LOAD DIAGRAMS 2,10

STEEPLE TRUSS:
COMBINATION LOAD 1: LOAD DIAGRAMS 1,3,10
COMBINATION LOAD 2: LOAD DIAGRAMS 1,4,10
COMBINATION LOAD 3: LOAD DIAGRAMS 1,5,10
COMBINATION LOAD 4: LOAD DIAGRAMS 1,6,10
COMBINATION LOAD 5: LOAD DIAGRAMS 1,7,10
COMBINATION LOAD 6: LOAD DIAGRAMS 2,3,10
COMBINATION LOAD 7: LOAD DIAGRAMS 2,4,10
COMBINATION LOAD 8: LOAD DIAGRAMS 2,5,10
COMBINATION LOAD 9: LOAD DIAGRAMS 2,6,10
COMBINATION LOAD 10: LOAD DIAGRAMS 2,7,10

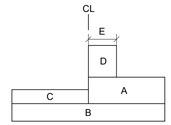
GENERAL TRUSS NOTES

1. TRUSS WEBS ARE NOT SHOWN, SEE TRUSS SUPPLIER DRAWINGS FOR TRUSS CONFIGURATION.
2. 2x6 MEMBERS SUPPORTING INSULATION MAY BE ATTACHED TO THE TRUSS WEB MEMBERS USING PRESS PLATES, STAPLES, OR TOE NAILS DESIGNED TO SUPPORT THE INSULATION AND HANGING LOADS. PRESS PLATES FOR INSULATION SUPPORT DO NOT NEED TO BE OVERSIZED PER CHURCH SPECIFICATION.
3. LOAD COMBINATIONS SHOWN ARE IN ADDITION TO THE IBC WIND AND SEISMIC LOAD COMBINATIONS. ALL TRUSSES SHALL BE DESIGNED PER LOAD COMBINATIONS SPECIFIED IN IBC SECTION 1605. WIND LOADS LISTED ARE ASD LOADS.
4. FRAMER TO INCLUDE AN ALLOWANCE FOR TRUSS BRACING THAT WILL BE DESIGNED BY THE TRUSS MANUFACTURER.
5. LIMIT TOTAL LOAD DEFLECTION TO L/240. LIMIT LIVE LOAD DEFLECTION TO L/360.
6. SPLICES IN TOP AND BOTTOM CHORDS TO OCCUR AT TRUSS JOINTS.
7. INSTALL ERECTION AND PERMANENT TRUSS BRIDGING AND BRACING AS REQUIRED BY THE TRUSS INSTITUTE AND AS SHOWN IN THE TRUSS SHOP DRAWINGS.
8. UNLESS A MORE STRINGENT FASTENING SCHEDULE IS PROVIDED BY THE TRUSS MANUFACTURER OR ELSEWHERE IN THESE DOCUMENTS, THE FOLLOWING IS TO BE USED FOR FASTENING MULTI-PLY TRUSSES TOGETHER:
   a. TRUSSES OF 4 OR MORE PLIES ARE TO BE CONNECTED TOGETHER USING 1/2" DIAMETER BOLTS AT 32"o.c. OR EQUAL. USE AT ALL MEMBERS.
   b. TRUSSES OF 3 OR LESS PLIES ARE TO BE CONNECTED TOGETHER USING 10d COMMON NAILS AT 9"o.c. STAGGERED TOP TO BOTTOM OF TRUSS MEMBERS OR EQUAL (9"o.c. SPACING AT TOP AND AT BOTTOM OF TRUSS MEMBERS). USE AT ALL MEMBERS.
9. TRUSS MANUFACTURER TO FASTEN MULTI-PLY TRUSSES PRIOR TO DELIVERY OF TRUSSES TO SITE.
10. SEE THE ARCHITECTURAL DRAWINGS FOR GEOMETRY INFORMATION NOT SHOWN.

TR-1 LOAD DIAGRAMS

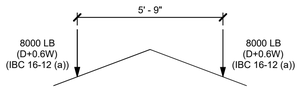


LOAD DIAGRAM 1 - TOP CHORD



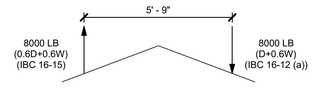
LOAD DIAGRAM 2 - TOP CHORD

NOTE: TRUSS TO SUPPORT LOADS AS SHOWN AND AS MIRRORED.



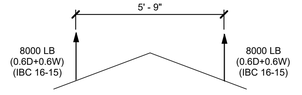
LOAD DIAGRAM 3 - TOP CHORD

WIND IN LONG DIRECTION



LOAD DIAGRAM 4 - TOP CHORD

NOTE: TRUSS TO SUPPORT LOADS AS SHOWN AND AS MIRRORED.
WIND IN SHORT DIRECTION



LOAD DIAGRAM 5 - TOP CHORD

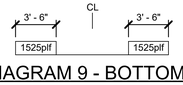
WIND IN LONG DIRECTION

LOAD DIAGRAM 6 - NOT USED

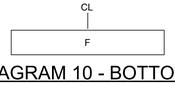
LOAD DIAGRAM 7 - NOT USED



LOAD DIAGRAM 8 - BOTTOM CHORD



LOAD DIAGRAM 9 - BOTTOM CHORD



LOAD DIAGRAM 10 - BOTTOM CHORD

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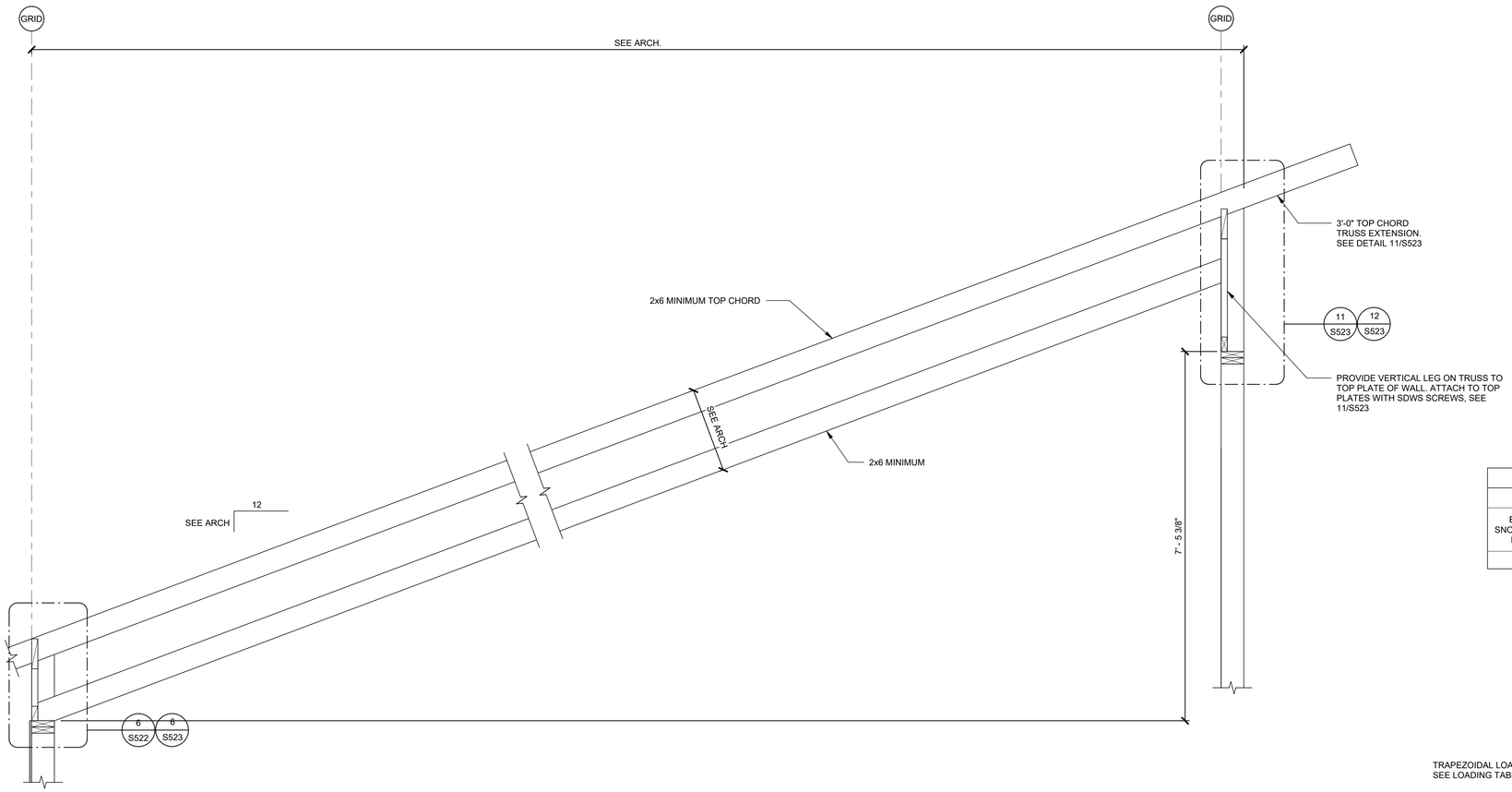
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REV	DATE	DESCRIPTION

TRUSS ELEVATIONS

S201

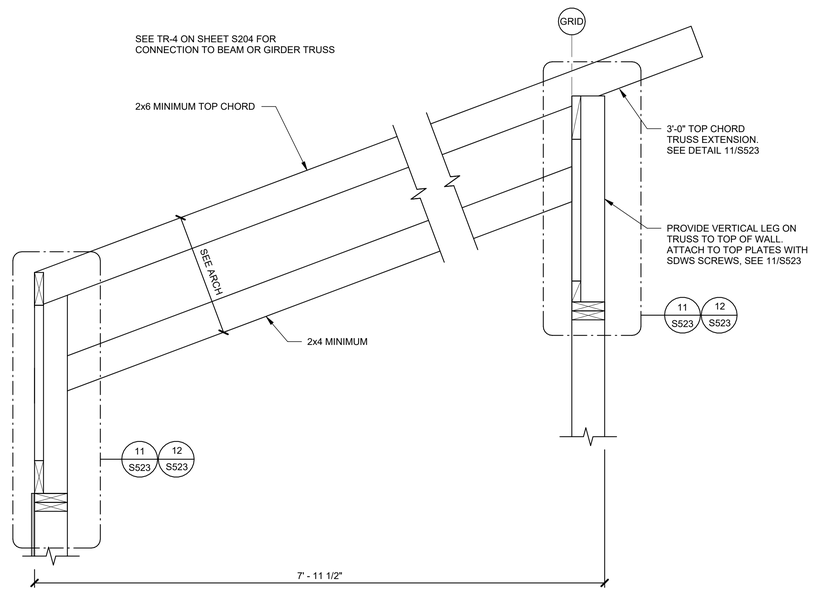
10/13/2025 3:35:53 PM



TR-2

SCALE : NONE

1 S203



TR-3 TRUSS ELEVATION

SCALE : NONE

2 S203

TR-2, TR-2A, TR-2B, TR-7, AND TR-9 TRUSS NOTES:

1. SEE S201 FOR GENERAL TRUSS NOTES
2. SEE 3/S203 AND 4/S204 FOR GIRDER TRUSS LOADING IN ADDITION TO TRIBUTORY AREA LOADING

TR-2, TR-2A, TR-2B, TR-7, AND TR-9 LOAD DIAGRAMS

A + B

LOAD DIAGRAM #1 - TOP CHORD

F

LOAD DIAGRAM #2 - BOTTOM CHORD

TR-2, TR-2A, TR-2B, TR-7, AND TR-9 LOAD COMBINATIONS

COMBINATION LOAD 1: DIAGRAMS 1 AND 2

TRUSS 2, TR-7, AND TR-9 (ASD)					
A	B	C	D	E	F
BALANCED SNOW/ROOF LIVE LOAD (psf)	TOP CHORD DEAD LOAD (psf)	WINDWARD LOAD (plf)	LEEWARD LOAD (plf)	LEEWARD EXTENT (FT'-IN" LOAD)	BOTTOM CHORD LOAD (psf)
30	20	--	--	--	6.5

TR-3 TRUSS NOTES

1. SEE S201 FOR GENERAL TRUSS NOTES.

TR-3 AND TR-4 LOAD DIAGRAM

A + B

LOAD DIAGRAM #1 - TOP CHORD

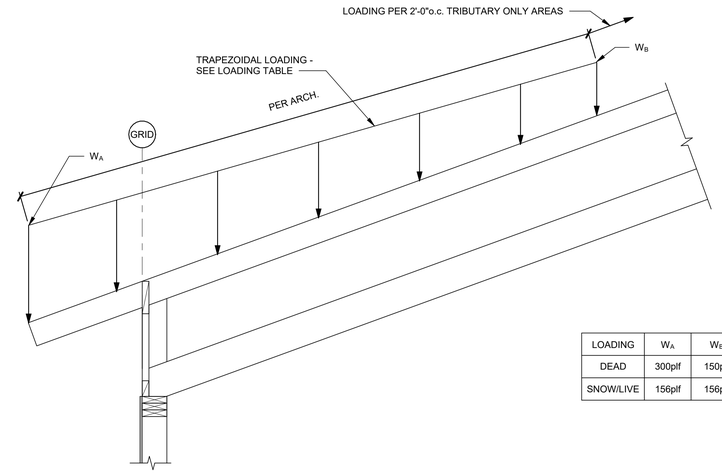
F

LOAD DIAGRAM #2 - BOTTOM CHORD

TR-3 AND TR-4 LOAD COMBINATIONS

COMBINATION LOAD 1: DIAGRAMS 1 AND 2

TR-3 AND TR-4 TRUSS LOADS (ASD)					
A	B	C	D	E	F
BALANCED SNOW/ROOF LIVE LOAD (psf)	TOP CHORD DEAD LOAD (psf)	WINDWARD LOAD (plf)	LEEWARD LOAD (plf)	LEEWARD EXTENT (FT'-IN" LOAD)	BOTTOM CHORD LOAD (psf)
30	20	--	--	--	6.5



LOADING	W_A	W_B
DEAD	300plf	150plf
SNOW/LIVE	156plf	156plf

GIRDER LOADING FOR TR-2A

SCALE : NONE

3 S203

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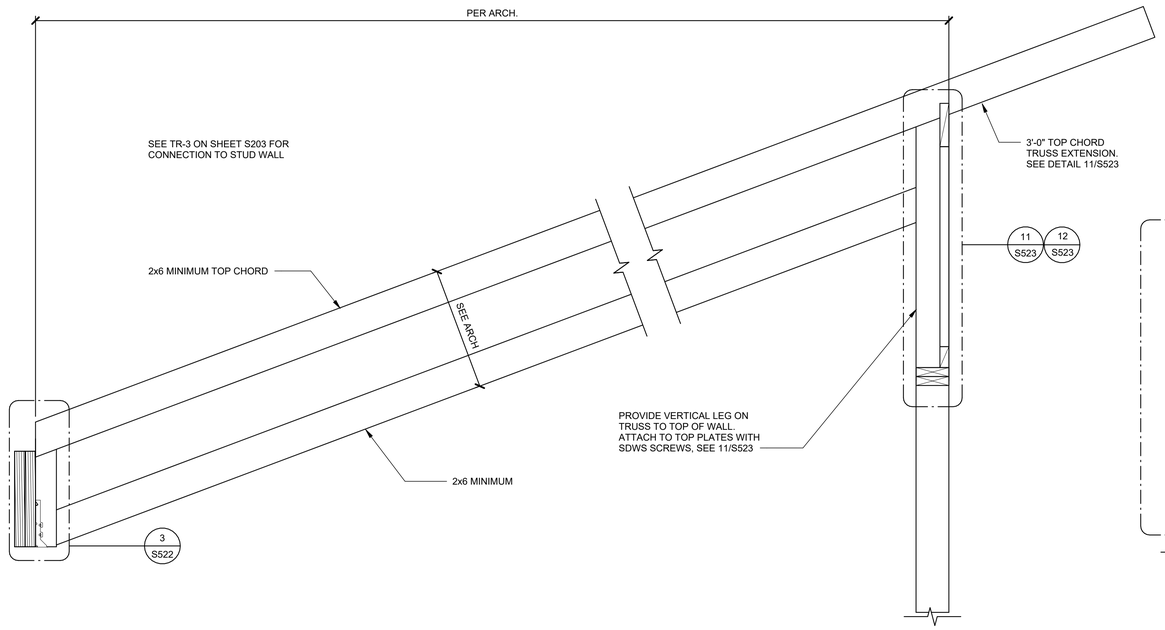
DATE: 08/22/2025

REV	DATE	DESCRIPTION

TRUSS ELEVATIONS

S203

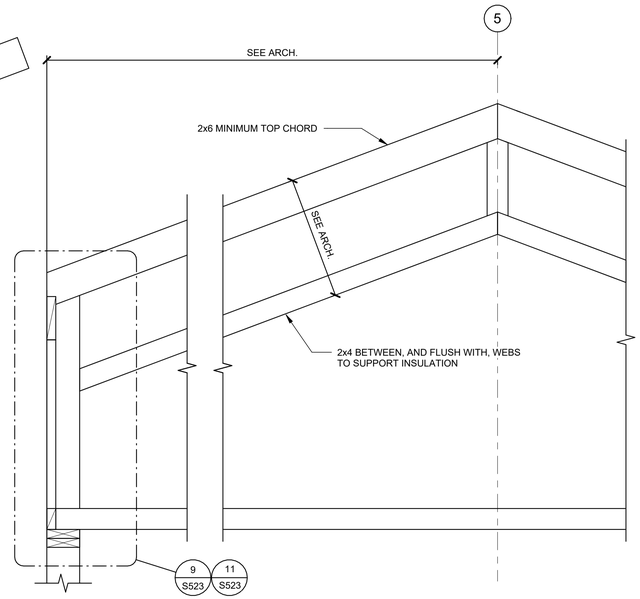
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TR-4 TRUSS ELEVATION

SCALE : NONE

1 S204



TR-5 AND TR-5A TRUSS ELEVATION

SCALE : NONE

2 S204

TR-5, TR-5A, AND TR-6 TRUSS LANDING (ASD)					
A	B	C	D	E	F
BALANCED SNOW/ROOF LIVE LOAD (psf)	TOP CHORD DEAD LOAD (psf)	WINDWARD LOAD (psf)	LEEWARD LOAD (psf)	LEEWARD EXTENT (FT'-IN" LOAD)	BOTTOM CHORD LOAD (psf)
30	20	9	25	10'-6"	13

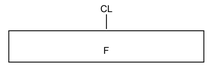
TR-5, TR-5A, AND TR-6 TRUSS NOTES

1. SEE S201 FOR GENERAL TRUSS NOTES

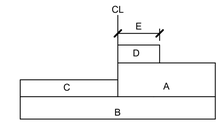
TR-5, TR-5A, AND TR-6 LOAD DIAGRAM



LOAD DIAGRAM #1 - TOP CHORD



LOAD DIAGRAM #3 - BOTTOM CHORD

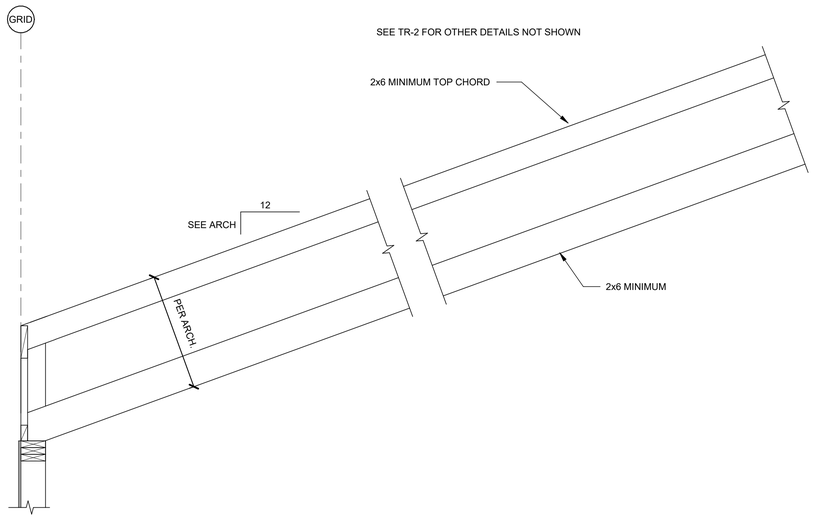


LOAD DIAGRAM #2 - TOP CHORD

NOTE: TRUSS TO SUPPORT LOADS AS SHOWN AND AS MIRRORED.

TR-5, TR-5A, AND TR-6 LOAD COMBINATIONS

COMBINATION LOAD 1: DIAGRAMS 1,3
COMBINATION LOAD 2: DIAGRAMS 2,3



TR-2B

SCALE : NONE

3 S204

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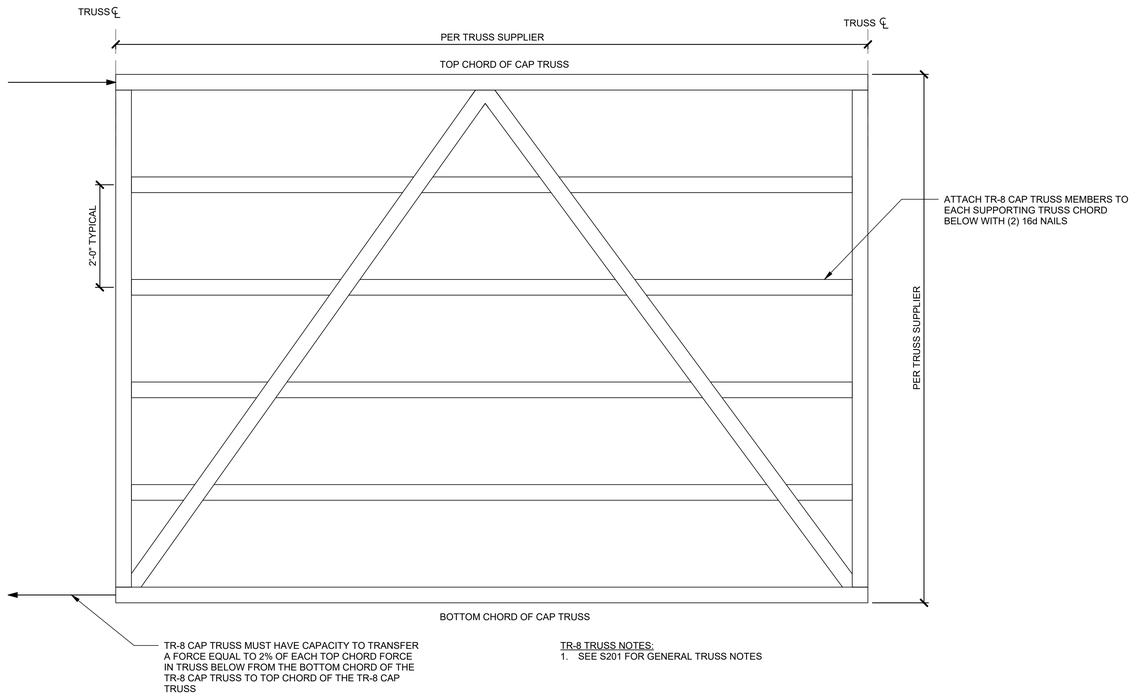
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TRUSS ELEVATIONS

S204

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TR-8 TRUSS NOTES:
1. SEE S201 FOR GENERAL TRUSS NOTES

TR-8 TRUSS ELEVATION

SCALE : NONE

1
S205

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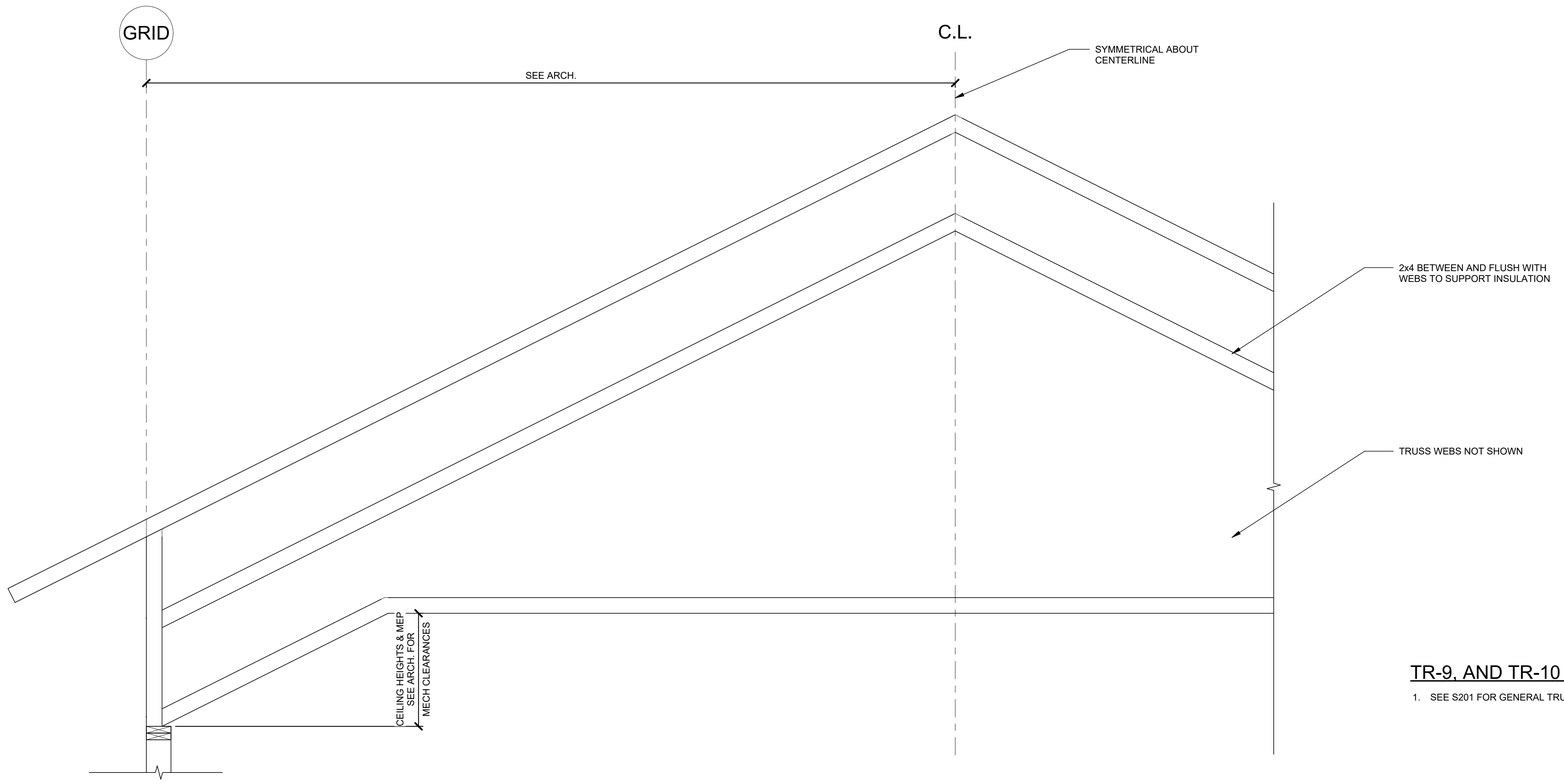
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DATE: 08/22/2025

REV	DATE	DESCRIPTION

TRUSS ELEVATIONS

S205

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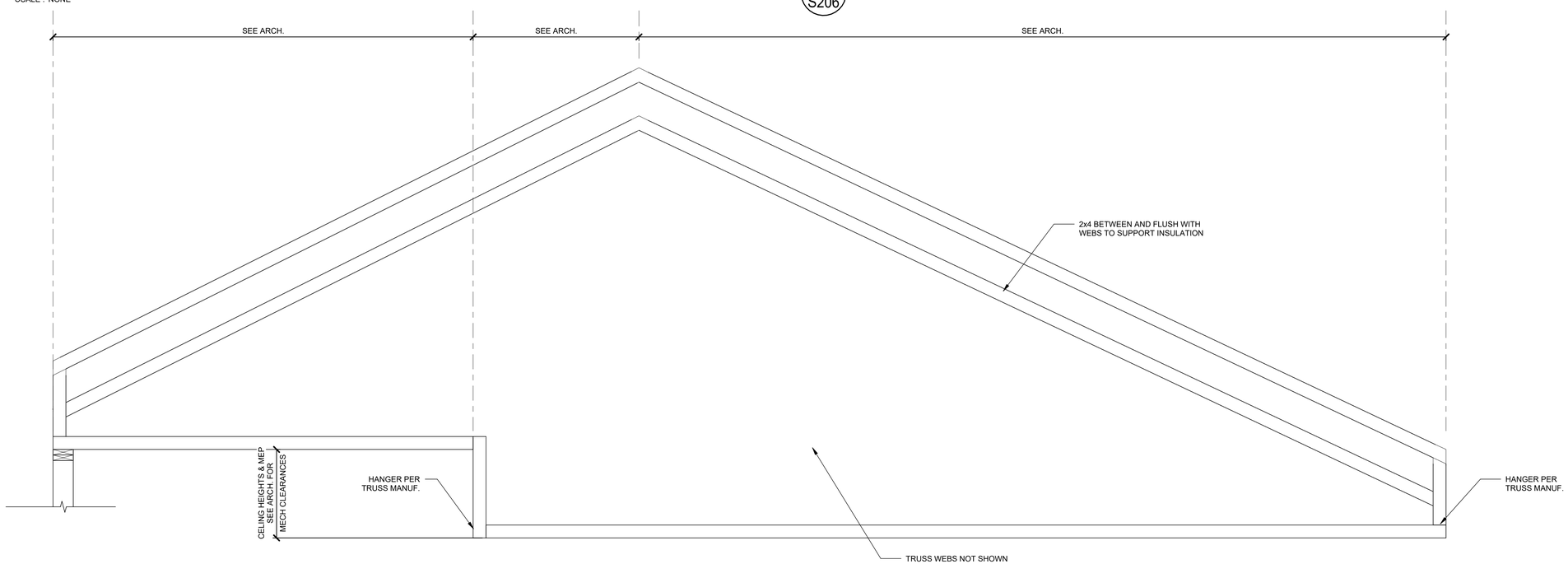
TR-9, AND TR-10 TRUSS NOTES

1. SEE S201 FOR GENERAL TRUSS NOTES

TR-9 TRUSS ELEVATION

SCALE : NONE

1 / S206



TR-9, AND TR-10 TRUSS NOTES

1. SEE S201 FOR GENERAL TRUSS NOTES

TR-10 TRUSS ELEVATION

SCALE : NONE

2 / S206

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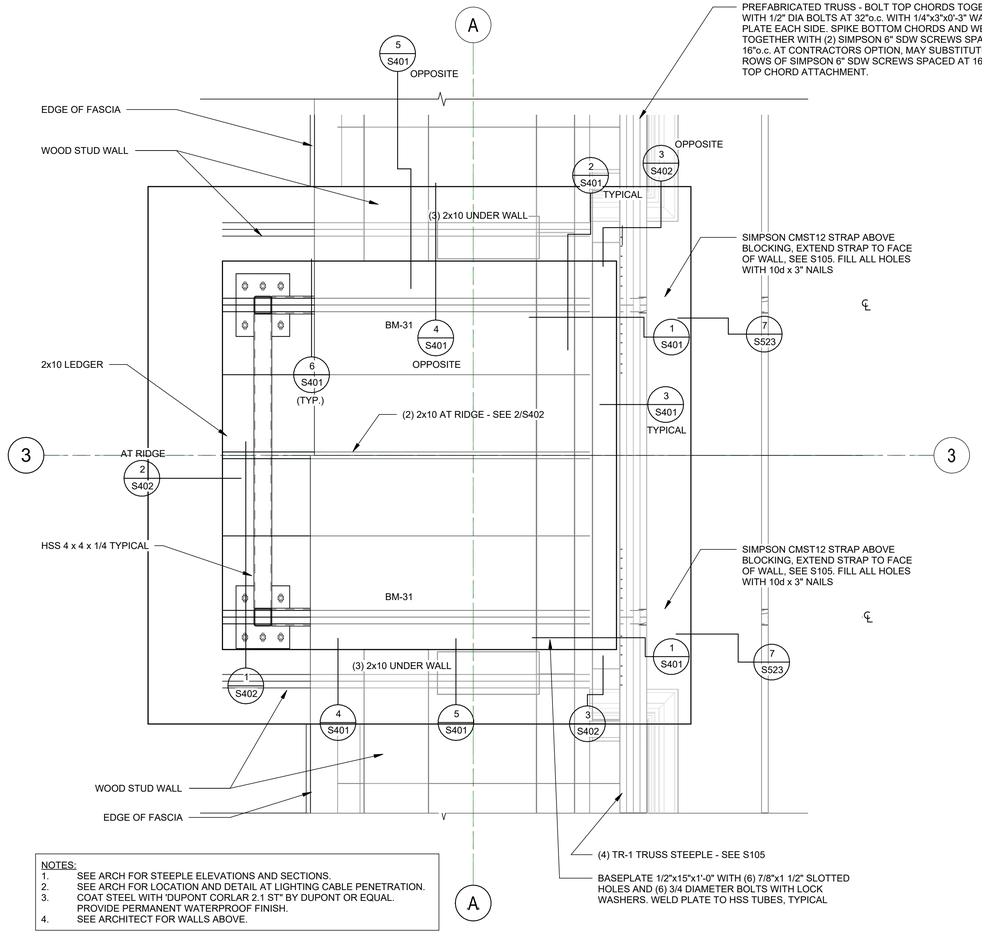
DATE: 08/22/2025

REV	DATE	DESCRIPTION

TRUSS ELEVATIONS

S206

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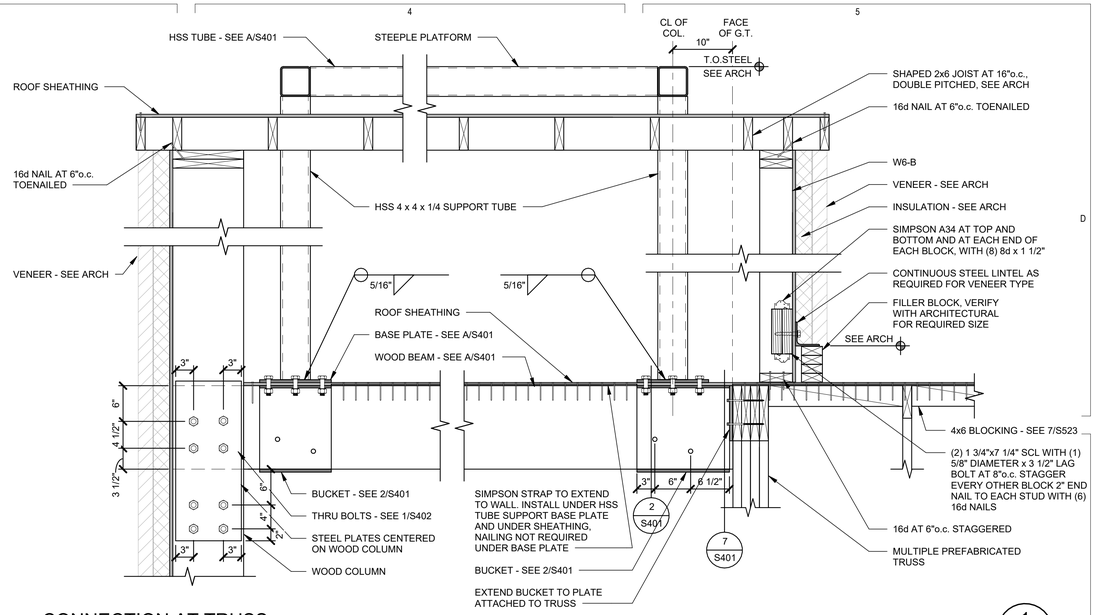


NOTES:
1. SEE ARCH FOR STEEPLE ELEVATIONS AND SECTIONS.
2. SEE ARCH FOR LOCATION AND DETAIL AT LIGHTING CABLE PENETRATION.
3. COAT STEEL WITH 'DUPONT CORLAR 2.1 ST" BY DUPONT OR EQUAL. PROVIDE PERMANENT WATERPROOF FINISH.
4. SEE ARCHITECT FOR WALLS ABOVE.

ENLARGED ROOF FRAMING PLAN

SCALE : 3/4" = 1'-0"

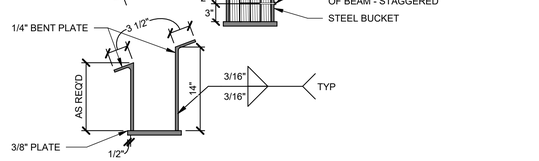
A S401



CONNECTION AT TRUSS

SCALE : NONE

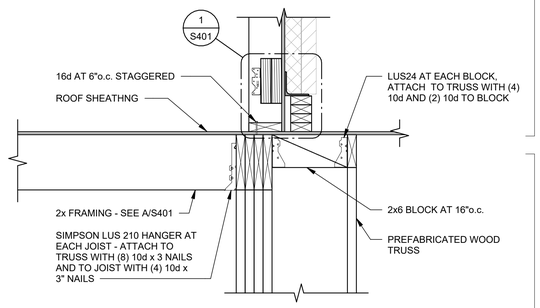
1 S401



BASE PLATE CONNECTION AT WOOD BEAM

SCALE : NONE

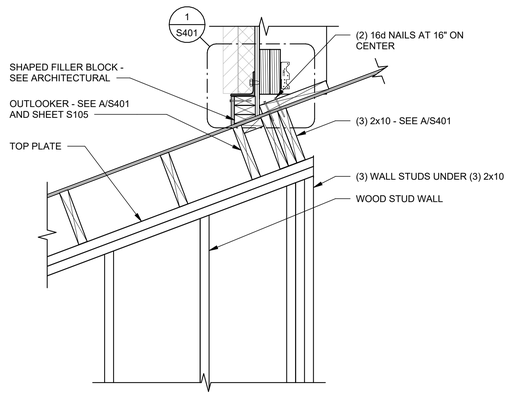
2 S401



STEEPLE DETAIL AT JOIST

SCALE : NONE

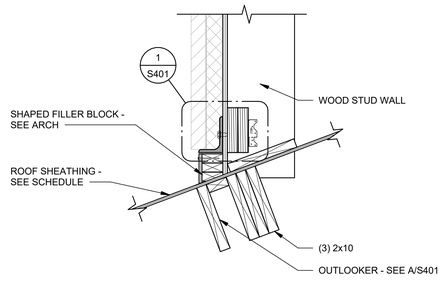
3 S401



BEAM BEARING AT STEEPLE

SCALE : NONE

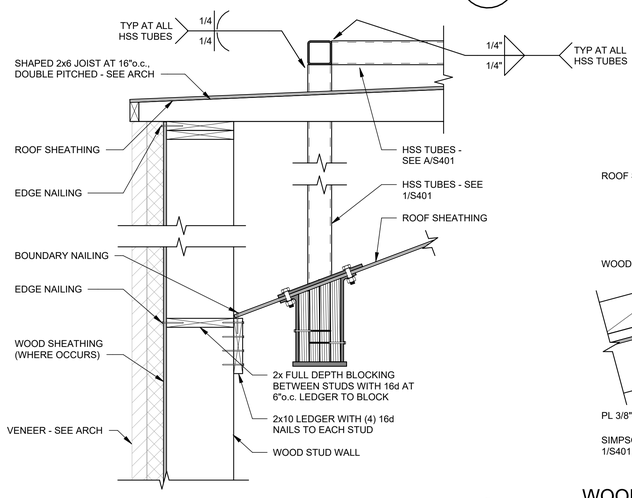
4 S401



WALL DETAIL AT STEEPLE

SCALE : NONE

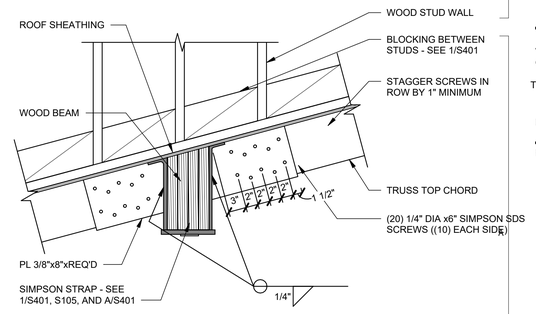
5 S401



DETAIL AT STEEPLE

SCALE : NONE

6 S401



WOOD BEAM CONNETION TO GIRDER TRUSS

SCALE : NONE

7 S401

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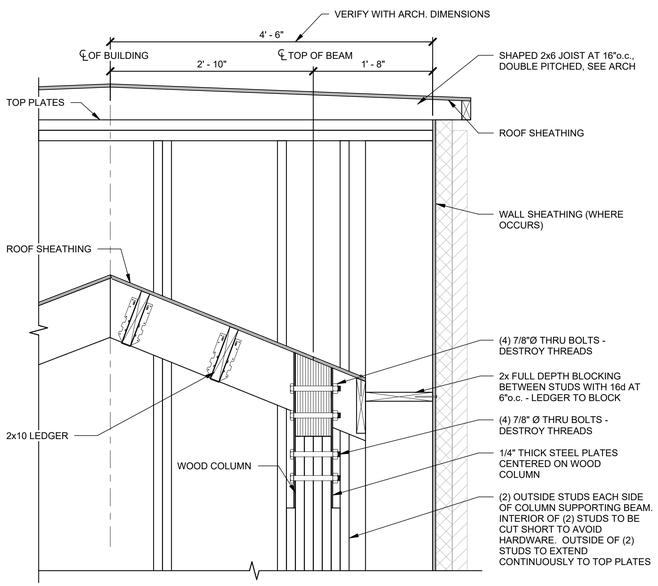
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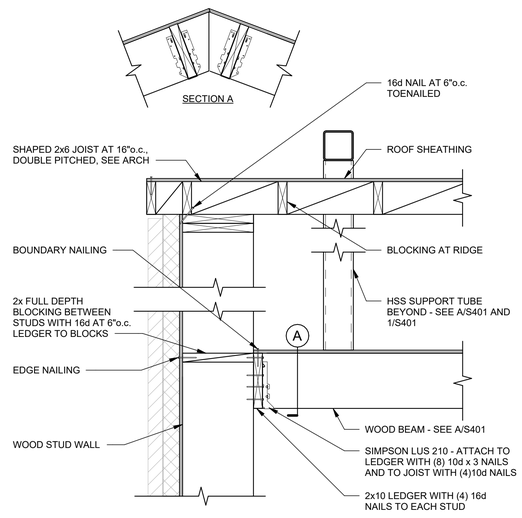
STEEPLE DETAILS

S401

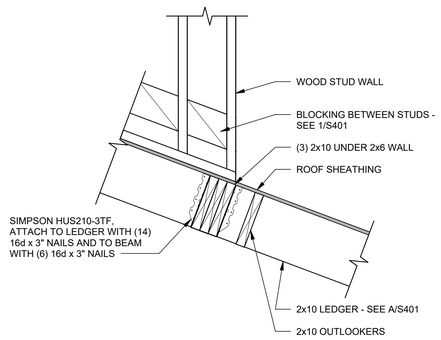
10/13/2025 3:35:56 PM



DETAIL AT STEEPLE - FRONT WALL — 1 / S402
SCALE : NONE



ROOF FRAMING AT STEEPLE — 2 / S402
SCALE : NONE



(3) 2x10 BEAM TO TRUSS — 3 / S402
SCALE : NONE

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LEGACY FARMS LDS STAKE CENTER #501-4029

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BUILDING PERMIT SUBMISSION

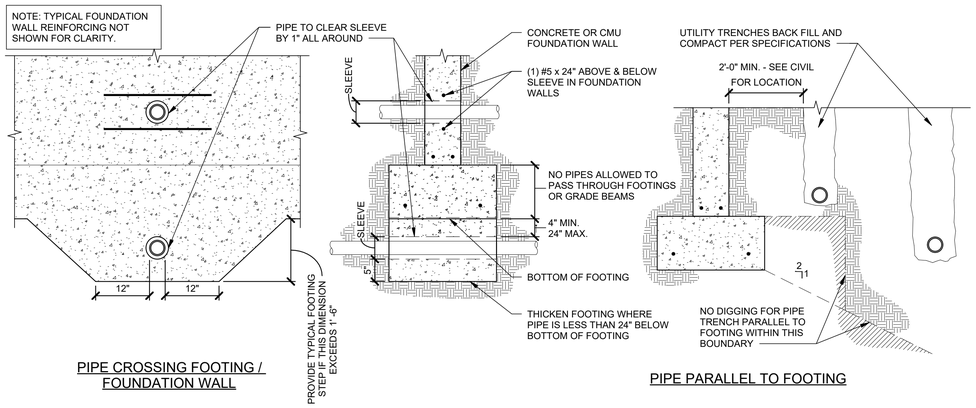
JOB NUMBER: 25-7138
OWNER:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

STEEPLE DETAILS

S402

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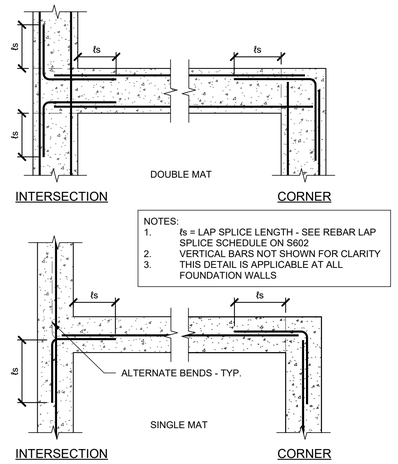
PIPE CROSSING FOOTING / FOUNDATION WALL

PIPE PARALLEL TO FOOTING

TYPICAL PIPE PERPENDICULAR AND PARALLEL TO FOOTING DETAIL

SCALE : NONE

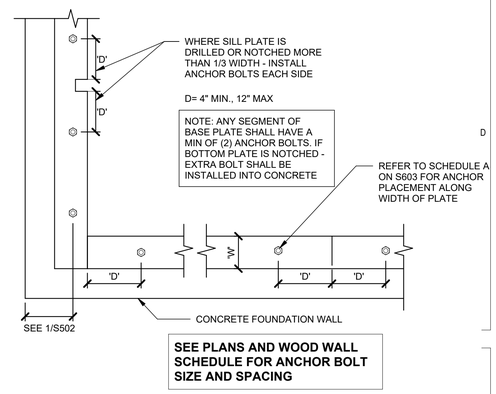
1 S501



TYPICAL REINFORCING AT INTERSECTIONS IN CONCRETE WALLS

SCALE : NONE

2 S501



SEE PLANS AND WOOD WALL SCHEDULE FOR ANCHOR BOLT SIZE AND SPACING

TYPICAL SILL PLATE BOLTING DETAIL

SCALE : NONE

3 S501

NOTES :
1. FOUNDATION REINFORCING NOT SHOWN FOR CLARITY.
2. SEE FOOTING SCHEDULE FOR FOOTING WIDTH AND REINFORCING SIZE AND LOCATION. ALL FOOTING REINFORCING REFERENCED IN THE SCHEDULE OR SHOWN IN THE DETAILS MUST RUN CONTINOUS THROUGH THE FOOTING STEP.

TYPICAL FOOTING STEP DETAIL

SCALE : NONE

4 S501

TYPICAL NON-STRUCTURAL WOOD STUD WALL AT DEPRESSED CONCRETE SLAB ON GRADE

SCALE : NONE

5 S501

INTERIOR CONCRETE FOOTING

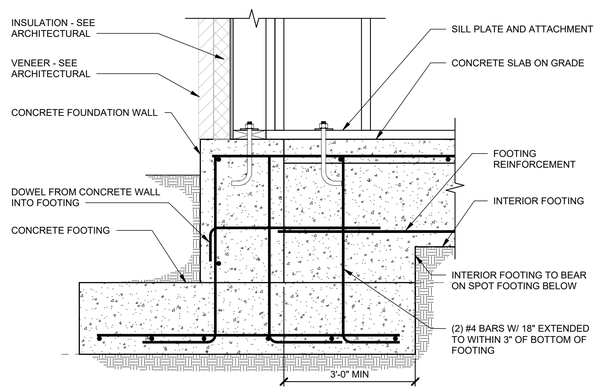
SCALE : NONE

6 S501

NON-BEARING STUD AT SLAB ON GRADE

SCALE : NONE

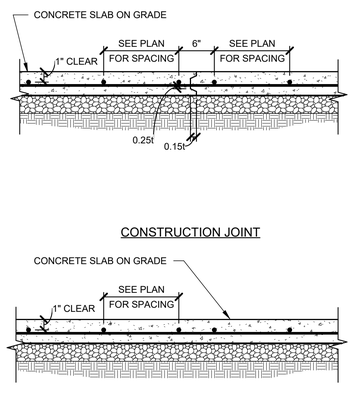
7 S501



TYPICAL FOOTING STEP AT EXTERIOR FOUNDATION WALL

SCALE : NONE

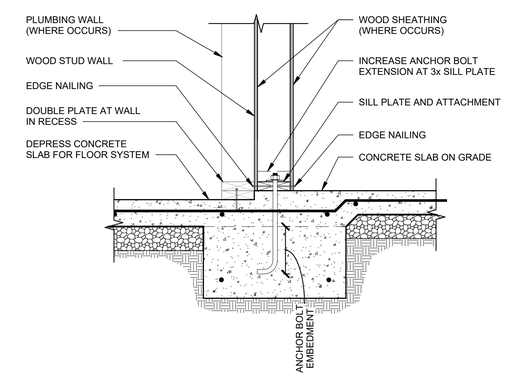
8 S501



TYPICAL SLAB ON GRADE DETAILS

SCALE : NONE

9 S501



BEARING WALL DETAIL AT FLOOR OFFSET

SCALE : NONE

10 S501

NOT USED

SCALE : NONE

11 S501

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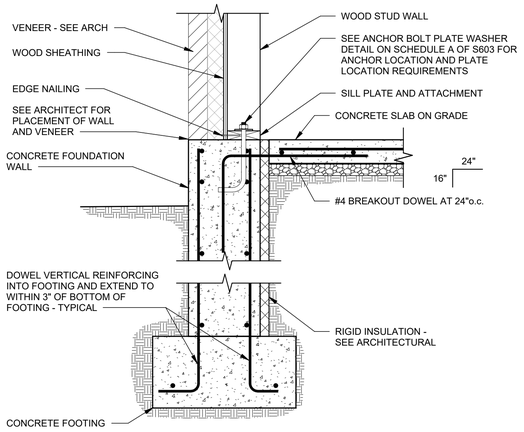
JOB NUMBER: 25-7138
OWNER: THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

FOUNDATION DETAILS

S501

10/13/2025 3:35:58 PM

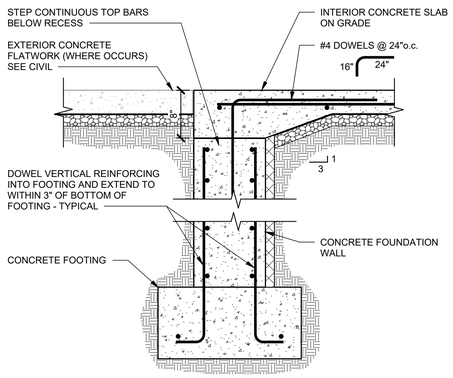


SECTION AT EXTERIOR WALL

SCALE : NONE

1 / S502

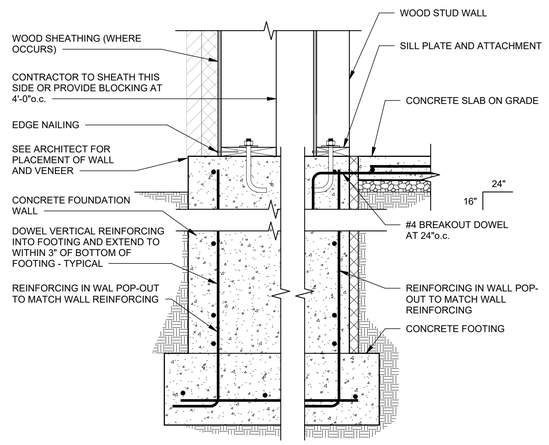
NOTE: PER IBC 1809.5.1, FROST PROTECTION SHALL BE PROVIDED AT EXTERIOR LANDINGS FOR ALL REQUIRED EXITS WITH OUTWARD-SWINGING DOORS. FROST PROTECTION SHALL ONLY BE REQUIRED TO THE EXTENT NECESSARY TO ENSURE THE UNOBSTRUCTED OPENING OF THE REQUIRED EXIT DOORS.



SECTION AT FOUNDATION WALL RECESS AT OPENINGS

SCALE : NONE

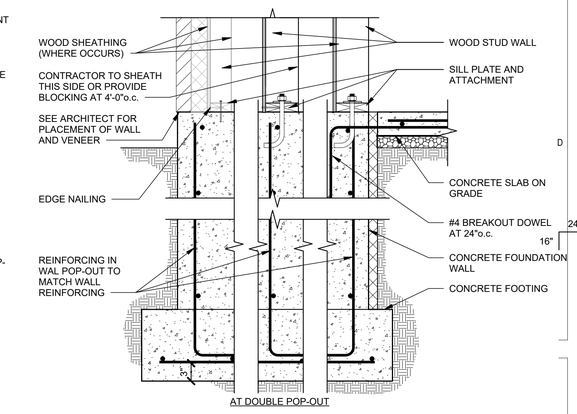
2 / S502



POP-OUT

SCALE : NONE

3 / S502



AT DOUBLE POP-OUT

DOUBLE WALL POP-OUT

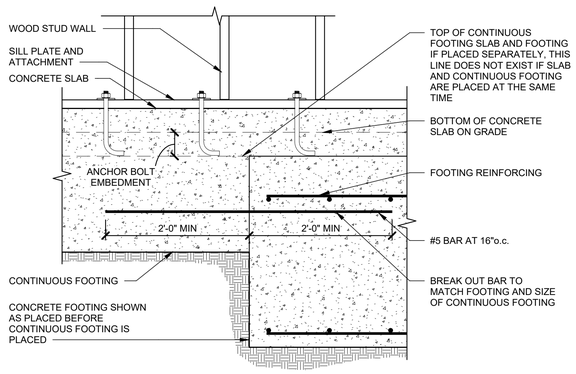
SCALE : NONE

4 / S502

NOT USED

SCALE : NONE

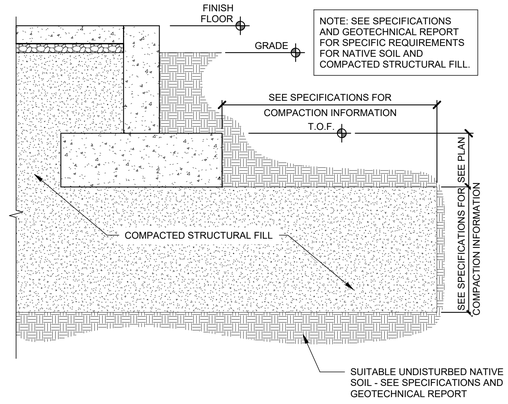
5 / S502



TYPICAL CONNECTION OF SPOT TO CONTINUOUS FOOTING WHEN FOOTINGS ARE PLACED AT DIFFERENT TIMES

SCALE : NONE

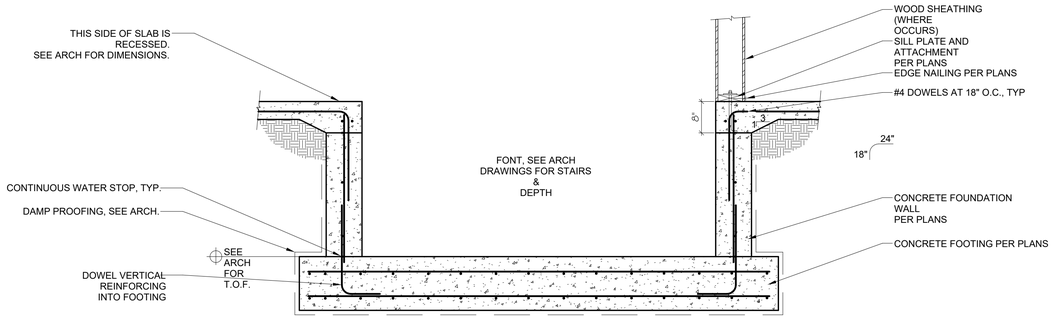
6 / S502



TYPICAL FOOTING OVER COMPACTED STRUCTURAL FILL

SCALE : NONE

7 / S502

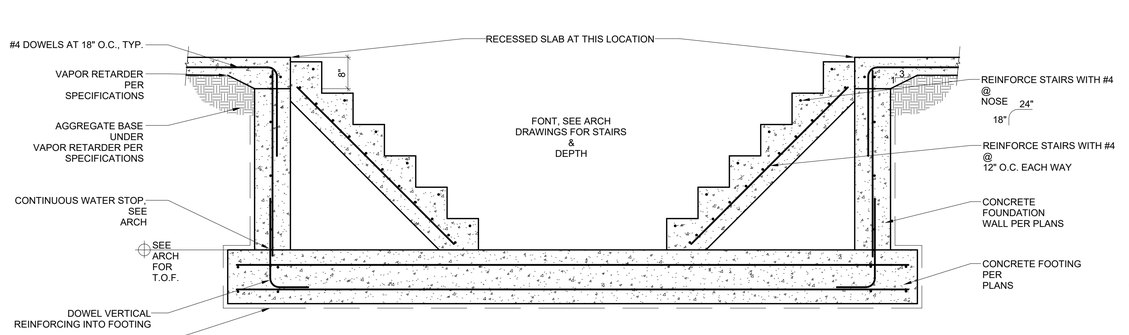


AT OPENING

SECTION AT FOUNDATION WALL RECESS AT OPENINGS

SCALE : NONE

10 / S502



LONGITUDINAL SECTION

SECTION AT FOUNDATION WALL RECESS AT OPENINGS

SCALE : NONE

12 / S502

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LEGACY FARMS LDS STAKE CENTER #501-4029

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BUILDING PERMIT SUBMISSION

JOB NUMBER: 25-7138
OWNER:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

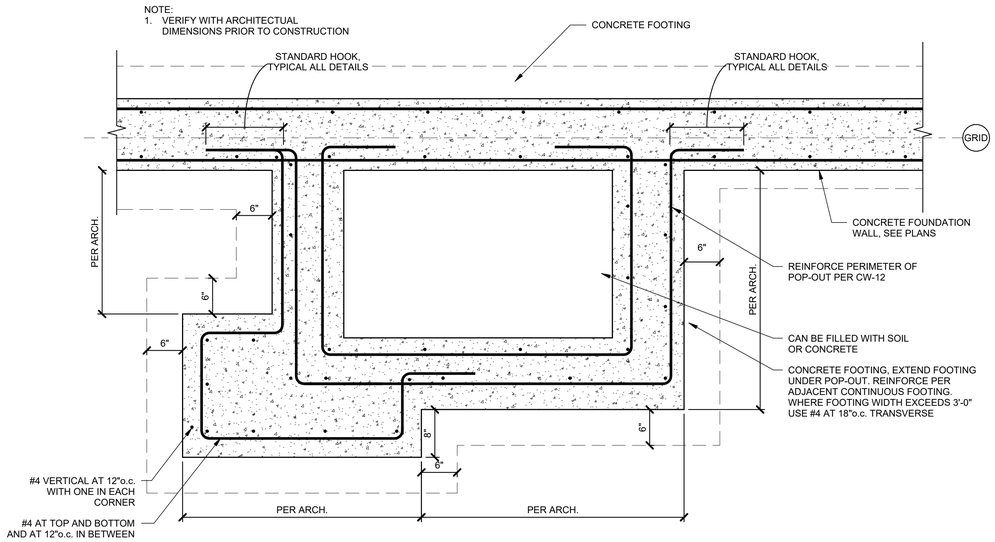
REV	DATE	DESCRIPTION

FOUNDATION DETAILS

S502

10/13/2025 3:36:03 PM

NOTE:
1. VERIFY WITH ARCHITECTUAL DIMENSIONS PRIOR TO CONSTRUCTION

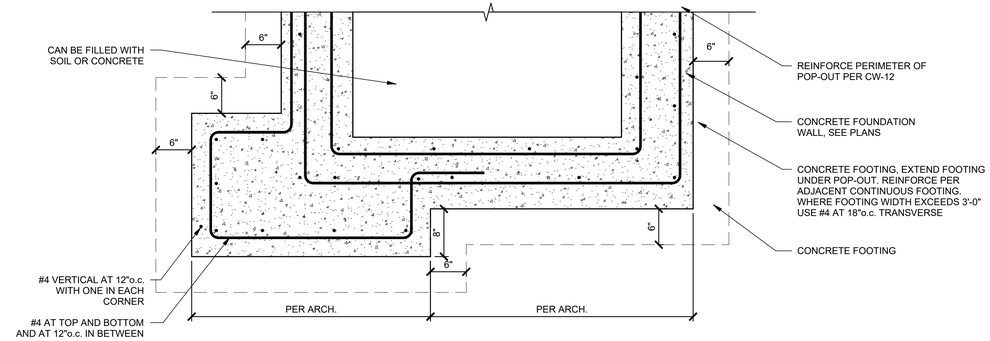


FOUNDATION POP-OUT CONFIGURATION AT SIDE DORMERS

SCALE : NONE

1 / S503

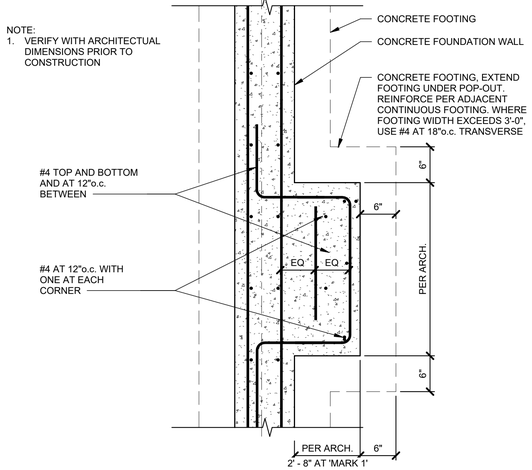
NOTE:
1. VERIFY WITH ARCHITECTUAL DIMENSIONS PRIOR TO CONSTRUCTION



FOUNDATION POP-OUT CONFIGURATION AT SIDE DORMERS

SCALE : NONE

2 / S503



FOUNDATION POP-OUT CONFIGURATION AT SIDE WALL

SCALE : NONE

3 / S503

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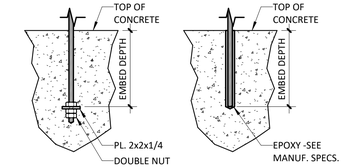
JOB NUMBER: 25-7138
OWNER:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

FOUNDATION DETAILS

S503

10/13/2025 3:36:04 PM



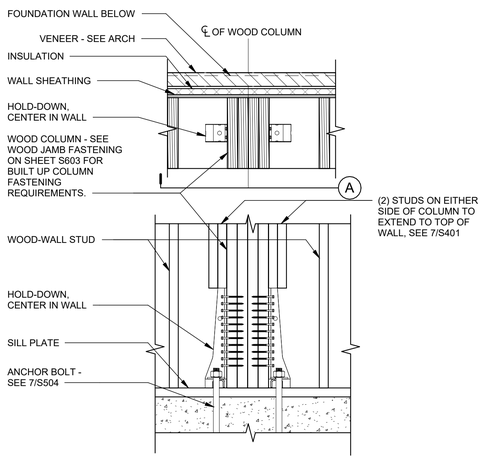
CAST-IN-PLACE THREADED ROD ANCHOR DTL.

POST-INSTALLED THREADED ROD ANCHOR DTL.

ANCHOR BOLT EMBEDMENT

SCALE : NONE

1 S504

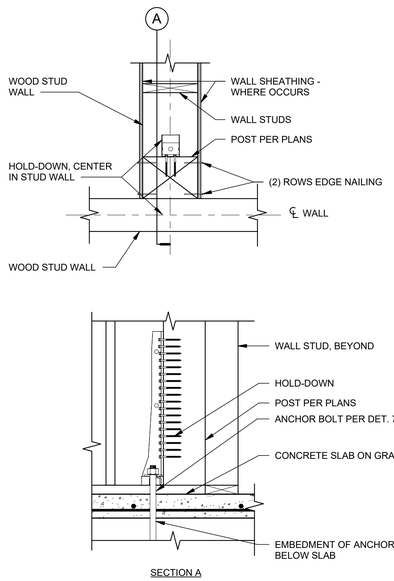


SECTION A

HOLD-DOWN AT STEEPLE ANCHORAGE

SCALE : NONE

2 S504

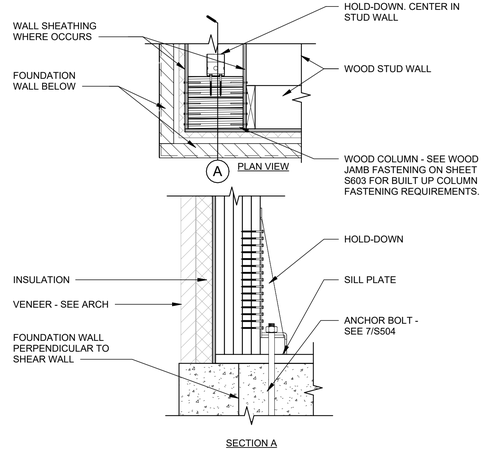


SECTION A

HOLD-DOWN AT INTERIOR SHEAR WALL

SCALE : NONE

3 S504

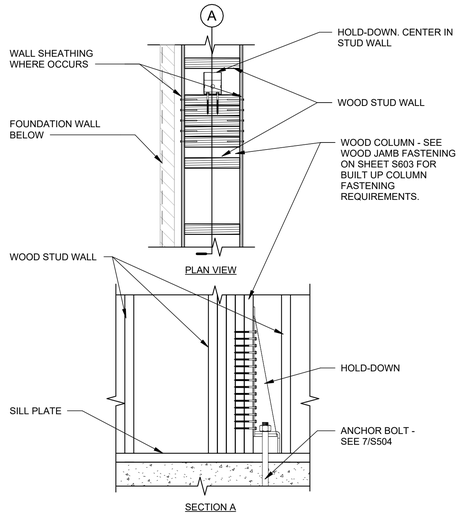


SECTION A

HOLD-DOWN AT CORNER

SCALE : NONE

4 S504



SECTION A

HOLD-DOWN AT MID-WALL

SCALE : NONE

5 S504

HOLD-DOWN ANCHOR ATTACHMENT [1,2,4]			
SIMPSON HOLD DOWN MODEL NO.	ATTACHMENT FASTENERS	EMBEDMENT DEPTH	ANCHOR BOLT[4]
HDU2-SDS2.5	(6) SDS 1/4" x 2 1/2"	1'-6"	5/8" DIAMETER A36 ROD w/ DOUBLE NUT AND 3"x3"x1/2" WASHER
HDU5-SDS2.5	(14) SDS 1/4" x 2 1/2"	1'-6"	5/8" DIAMETER A36 ROD w/ DOUBLE NUT AND 3"x3"x1/2" WASHER
HDU11-SDS2.5	(30) SDS 1/4" x 2 1/2"	2'-0"	1" DIAMETER A36 ROD w/ DOUBLE NUT AND 3 1/2"x3 1/2"x1/2" WASHER
HDU14-SDS2.5	(36) SDS 1/4" x 2 1/2"	2'-0"	1" DIAMETER A36 ROD w/ DOUBLE NUT AND 3 1/2"x3 1/2"x1/2" WASHER
HD19	(5) 1" DIAMETER THROUGH BOLTS	GL-F 1'-6" NOTE 3 GL-B 12" NOTE 5	1 1/4" DIAMETER A36 ROD w/ DOUBLE NUT AND 5"x5"x1/2" WASHER

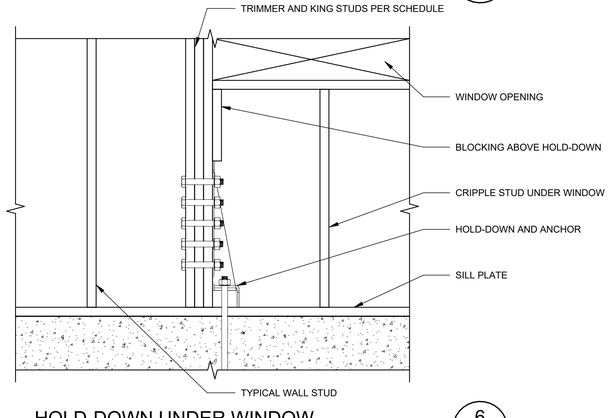
NOTES:

1. ALL FASTENERS FOR PRESERVATIVE AND 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 INSTALLED IN AN INTERIOR, DRY ENVIRONMENT ARE PERMITTED.
2. ALL WOOD COLUMNS TO BE NAILED OR BOLTED TOGETHER PER SCHEDULE ON S603 PRIOR TO HOLD-DOWN INSTALLATION.
3. EMBEDMENT DEPTH, l_e, IS TO BE FROM TOP OF FOUNDATION WALL OR BOTTOM OF SLAB ON GRADE, U.N.O. SEE DETAIL 1/S504.
4. HOLD-DOWN ANCHORS TO BE CENTERED IN STUD WALL.
5. EMBEDMENT DEPTH IS TO BE FROM TOP OF FOOTING FOR ALL HD19 HOLDOWNS.

HOLD-DOWN ANCHOR BOLT SCHEDULE

SCALE : NONE

7 S504



HOLD-DOWN UNDER WINDOW

SCALE : NONE

6 S504

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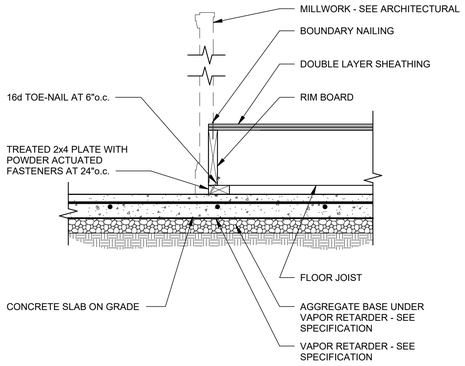
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S504

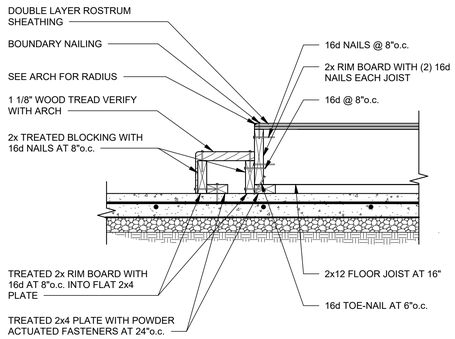
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ROSTRUM FRONT EDGE

SCALE : NONE

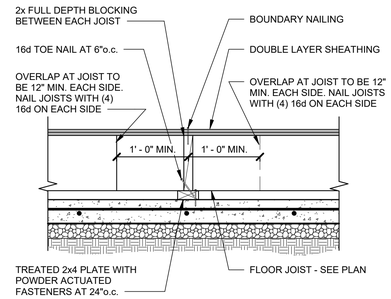
1 S511



STAIRS

SCALE : NONE

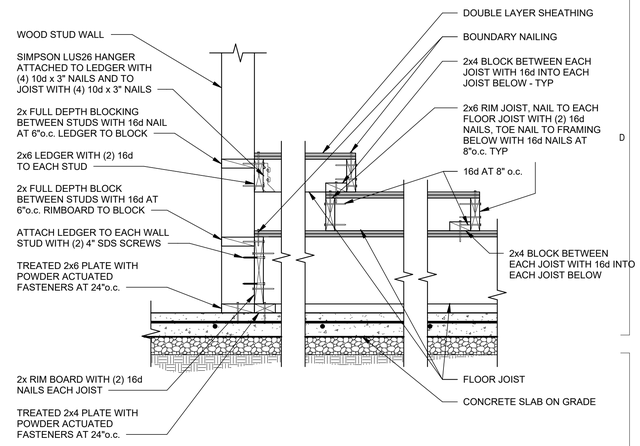
2 S511



JOIST BEARING

SCALE : NONE

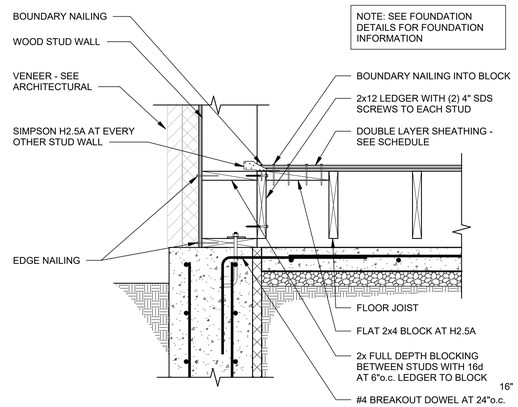
3 S511



ROSTRUM OVERBUILD

SCALE : NONE

4 S511

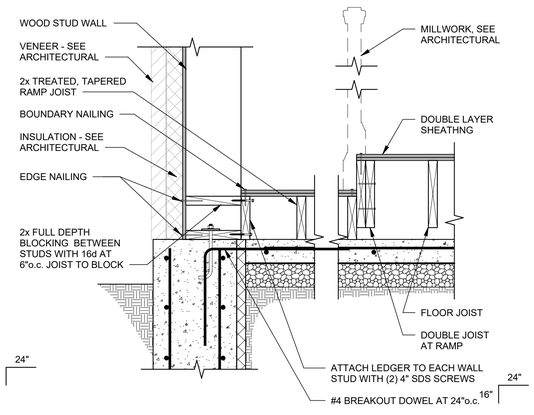


NOTE: SEE FOUNDATION DETAILS FOR FOUNDATION INFORMATION

ROSTRUM DETAIL AT EXTERIOR WALL

SCALE : NONE

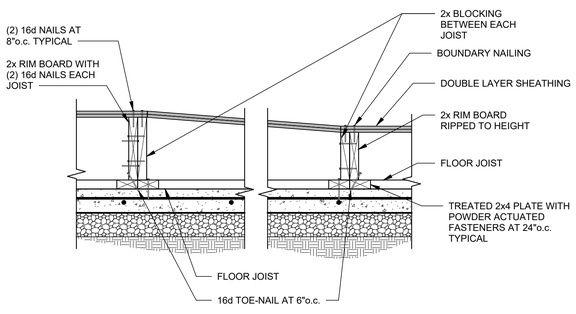
5 S511



ROSTRUM RAMP AT EXTERIOR WALL

SCALE : NONE

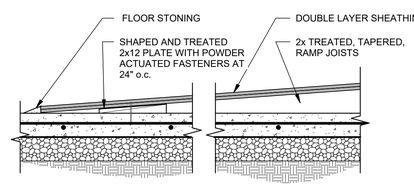
6 S511



RAMP AT TRANSITION

SCALE : NONE

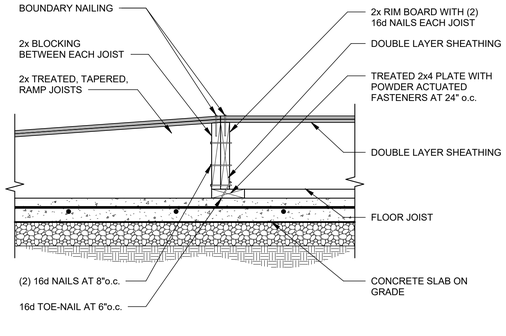
7 S511



RAMP AT EDGE

SCALE : NONE

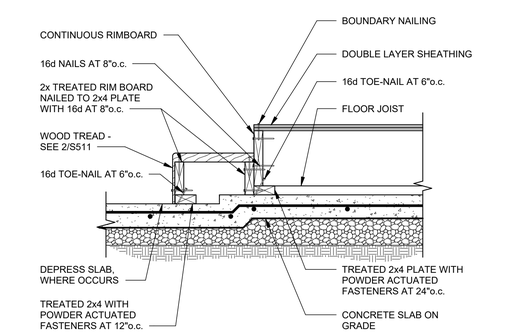
8 S511



RAMP AT END

SCALE : NONE

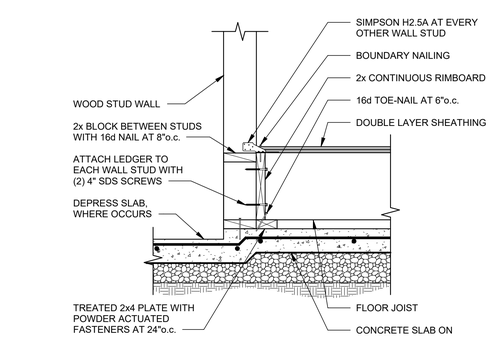
9 S511



PLATFORM STAIRS

SCALE : NONE

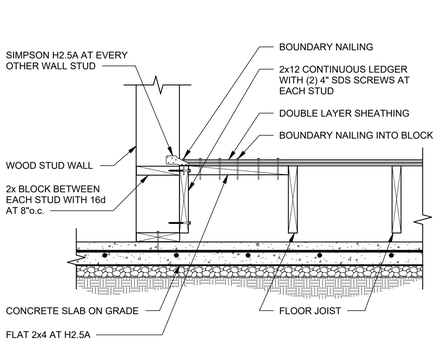
10 S511



FRONT EDGE OF PLATFORM

SCALE : NONE

11 S511



PLATFORM DETAIL AT WALL

SCALE : NONE

12 S511

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LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

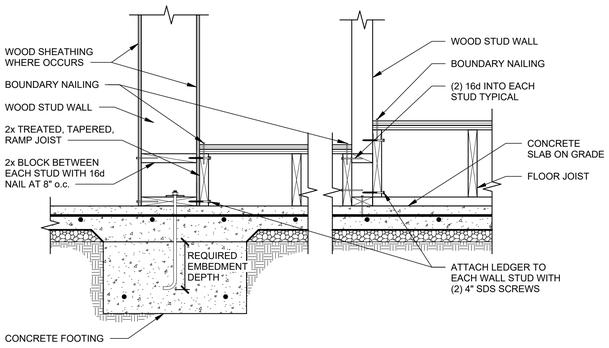
JOB NUMBER: 25-7138
OWNER:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

ROSTRUM AND PLATFORM DETAILS

S511

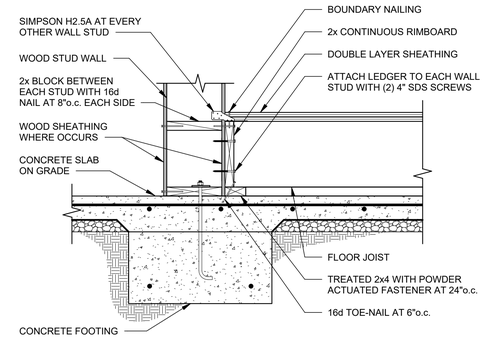
10/13/2025 3:36:06 PM



PLATFORM RAMP

SCALE : NONE

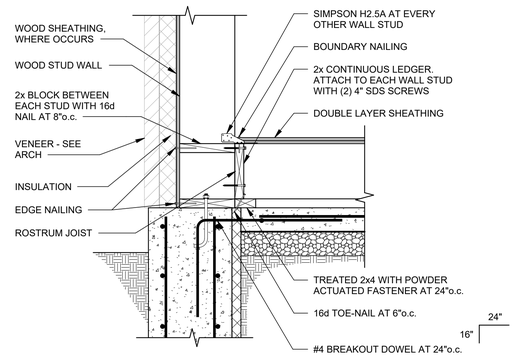
1 S512



PLATFORM AT WALL

SCALE : NONE

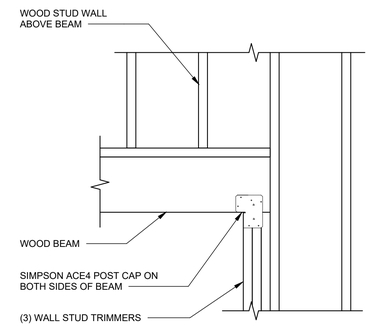
2 S512



ROSTRUM AT EXTERIOR FRONT WALL

SCALE : NONE

3 S512



TYPICAL HEADER CONNECTION

SCALE : NONE

4 S512

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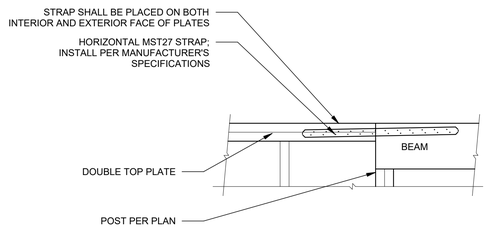
JOB NUMBER: 25-7138
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DATE: 08/22/2025

REV	DATE	DESCRIPTION

ROSTRUM AND PLATFORM DETAILS

S512

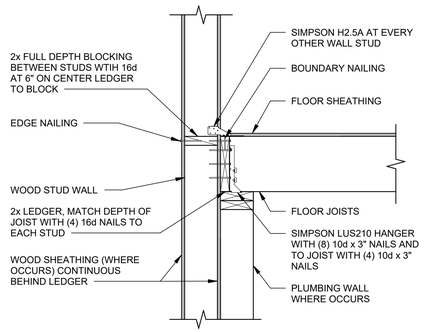
10/13/2025 3:36:07 PM



HORIZONTAL STRAP

SCALE : NONE

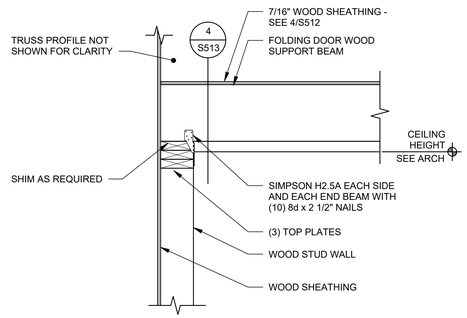
1 / S513



EQUIPMENT PLATFORM TO WALL CONNECTION

SCALE : NONE

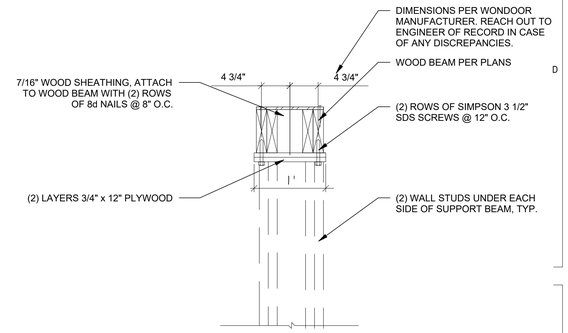
2 / S513



PARTITION DOOR SUPPORT AT EXTERIOR WALL

SCALE : NONE

3 / S513



PARTITION DOOR BEAM SECTION

SCALE : NONE

4 / S513

PARTITION DOOR SUPPORT AT INTERIOR WALL

SCALE : NONE

5 / S513

EQUIPMENT PLATFORM FLOOR JOISTS BEARING AT WOOD STUD WALL

SCALE : NONE

6 / S513

STEP IN EQUIPMENT PLATFORM

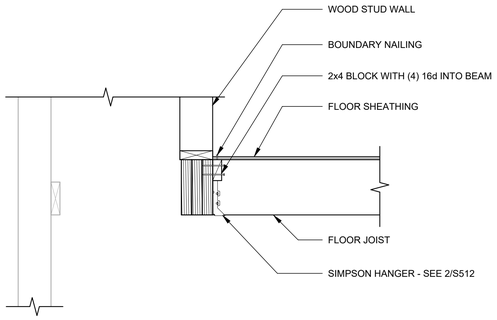
SCALE : NONE

7 / S513

CHAPEL LIGHT COVE DETAIL

SCALE : NONE

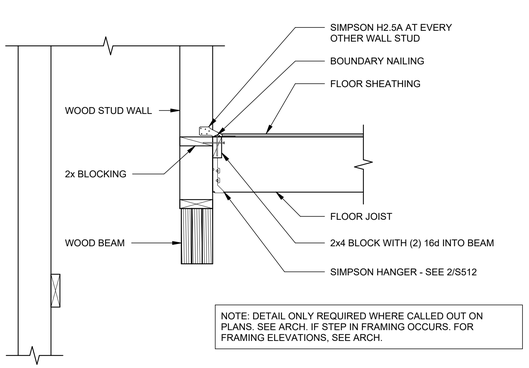
8 / S513



EQUIPMENT PLATFORM TO BEAM

SCALE : NONE

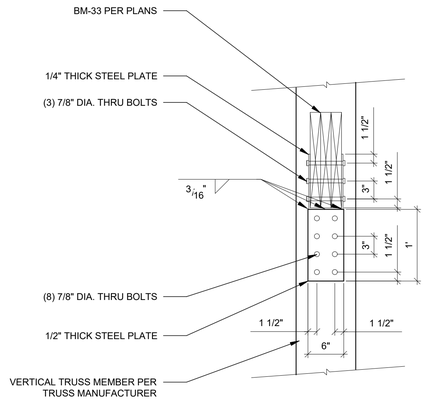
9 / S513



EQUIPMENT PLATFORM AT HIGH CEILING TO BEAM

SCALE : NONE

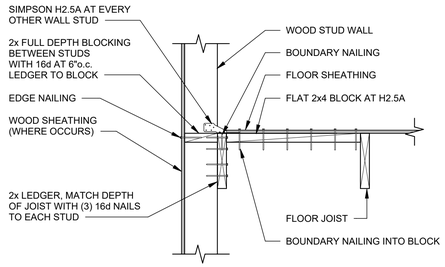
10 / S513



CUSTOM BUCKET

SCALE : NONE

11 / S513



FLOOR EDGE CONDITION AT WALL

SCALE : NONE

12 / S513

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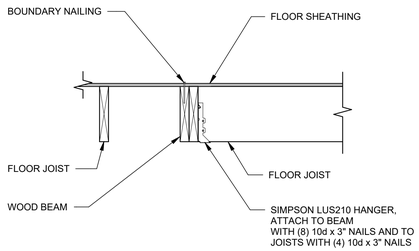
DATE: 08/22/2025

REV	DATE	DESCRIPTION

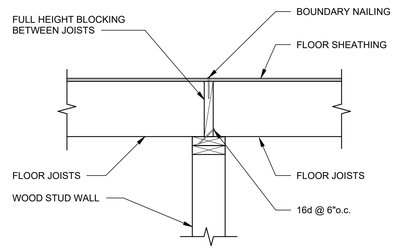
EQUIPMENT PLATFORM FRAMING DETAILS

S513

10/13/2025 3:36:08 PM



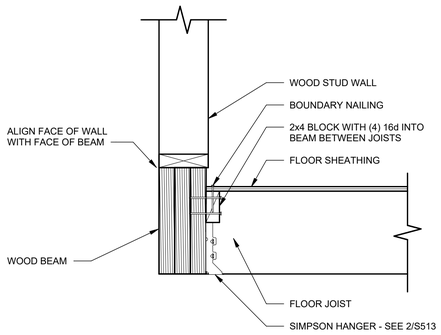
JOIST TO BEAM CONNECTION — 1 / S514
SCALE : NONE



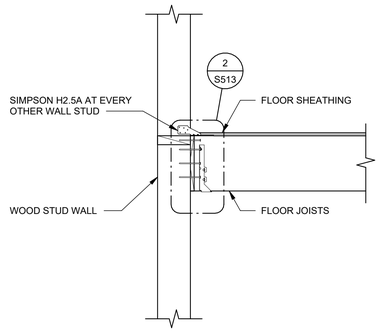
FLOOR JOISTS BEARING AT WALL — 2 / S514
SCALE : NONE

NOT USED — 3 / S514
SCALE : NONE

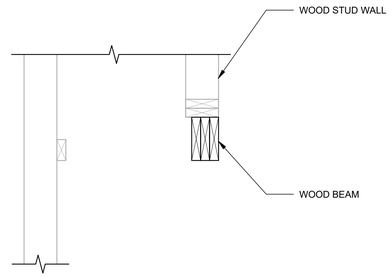
NOT USED — 4 / S514
SCALE : NONE



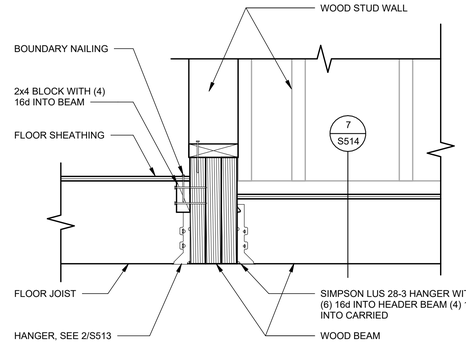
JOIST-TO-BEAM AT ENTRY — 5 / S514
SCALE : NONE



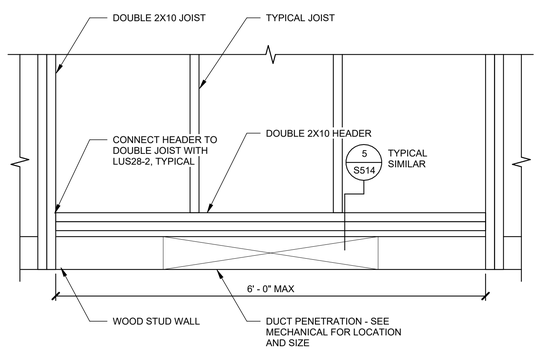
EQUIPMENT PLATFORM TO WALL CONNECTION — 6 / S514
SCALE : NONE



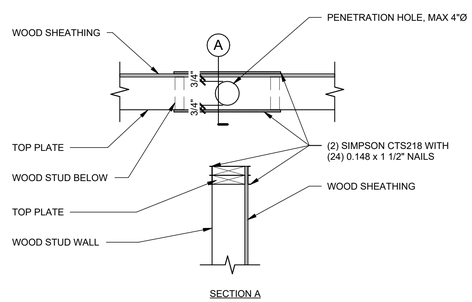
FOYER LIGHT COVE — 7 / S514
SCALE : NONE



FOYER LIGHT COVE BEAM-TO-BEAM — 8 / S514
SCALE : NONE



DUCT PENETRATION AT BEARING WALL — 9 / S514
SCALE : NONE



TOP PLATE REINFORCING AT GAS PIPE PENETRATION — 10 / S514
SCALE : NONE

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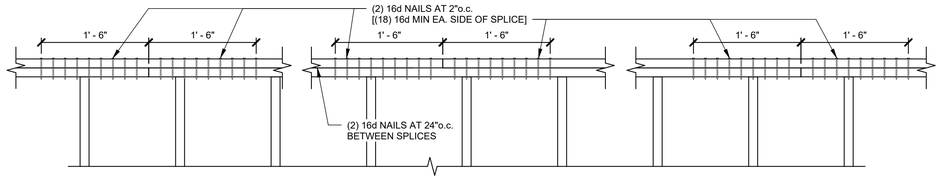
DATE: 08/22/2025

REV	DATE	DESCRIPTION

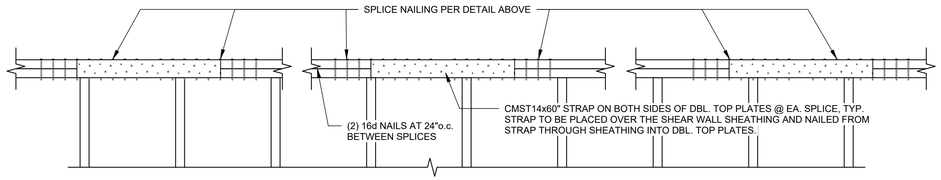
EQUIPMENT PLATFORM FRAMING DETAILS

S514

10/13/2025 3:36:09 PM

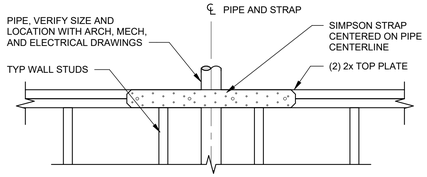


DOUBLE PLATE - TYPICAL NAILING AT INTERIOR NON-SHEAR WALLS

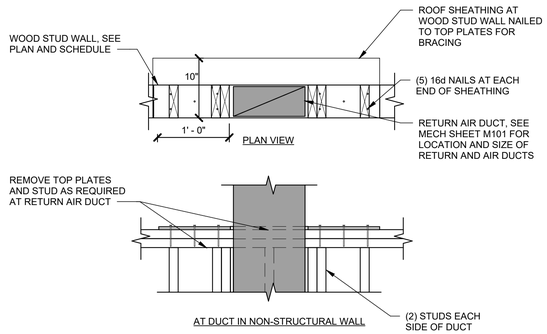


DOUBLE PLATE - TYPICAL NAILING & STRAP AT EXTERIOR & INTERIOR SHEAR WALLS

TOP PLATE SPLICE PENETRATION SCHEDULE (2x6 WALLS ONLY)	
HOLE SIZE	STRAPS
LESS THAN OR EQUAL TO 2 1/2 DIAMETER	NONE REQUIRED
GREATER THAN 2 1/2 DIAMETER AND LESS THAN OR EQUAL TO 3 1/2" DIAMETER	(2) MST60, ONE ON EA. SIDE, CENTERED BETWEEN PLATES WITH (68) 16d x 2 1/2" NAILS EACH END OF STRAP. DO NOT NAIL INTO PIPE.
NOTE: HOLE SIZE IS TOTAL ALLOWABLE HOLE DIAMETER, NOT PIPE DIAMETER. DO NOT OVERCUT.	



AT EXTERIOR WALL OR INTERIOR SHEAR WALL



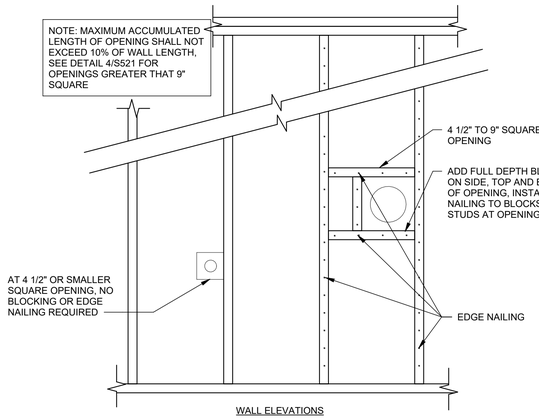
AT DUCT IN NON-STRUCTURAL WALL

NOTE:
AT CONTRACTORS OPTION MAY USE METAL STRAP SPLICE

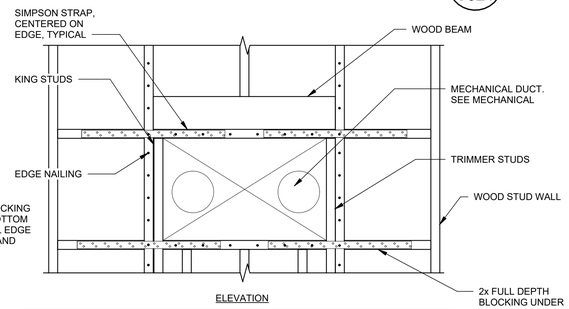
TYPICAL TOP PLATE SPLICE DETAIL

1 S521

SCALE : NONE



WALL ELEVATIONS



ELEVATION

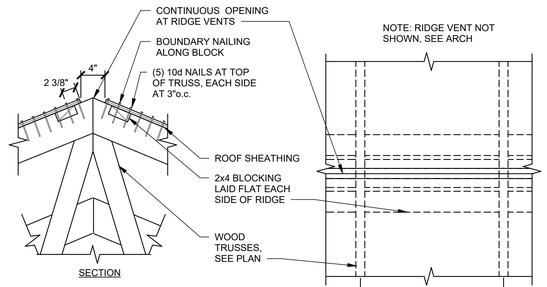
BEAM SPAN	BEAM SIZE	TRIMMER	KING STUD	SIMPSON STRAP	NAILS
1'-3'	(3) 2x6	(1) 2x	(1) 2x	CS22 x 2'-0"	(24) 8d x 2 1/2"
3'-5'	(3) 2x10	(1) 2x	(1) 2x	CS18 x 2'-0"	(36) 8d x 2 1/2"
5'-7'	(3) 2x12	(1) 2x	(1) 2x	CS16 x 2'-8"	(44) 8d x 2 1/2"

SEE DETAIL 3/S521 FOR
OPENINGS < 9" SQUARE

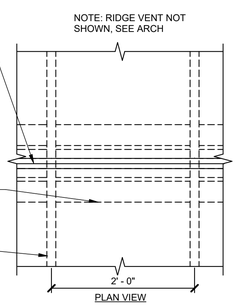
TYPICAL TOP PLATE SPLICE PENETRATION SCHEDULE AT PIPE

2 S521

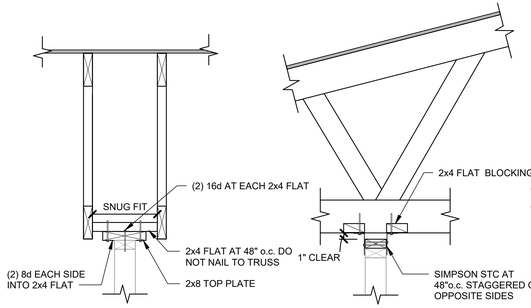
SCALE : NONE



SECTION



PLAN VIEW



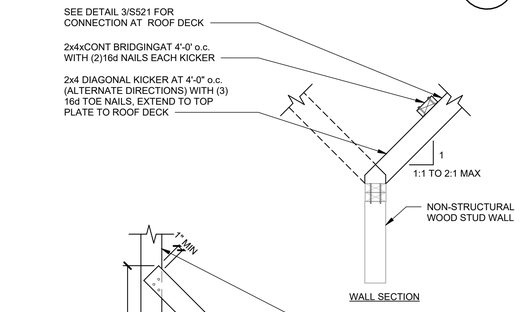
WALL PARALLEL TO TRUSSES

WALL PERPENDICULAR TO TRUSSES

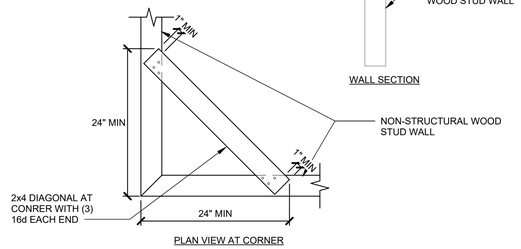
TYPICAL WALL PENETRATIONS LESS THAN 9" SQUARE

3 S521

SCALE : NONE



WALL SECTION

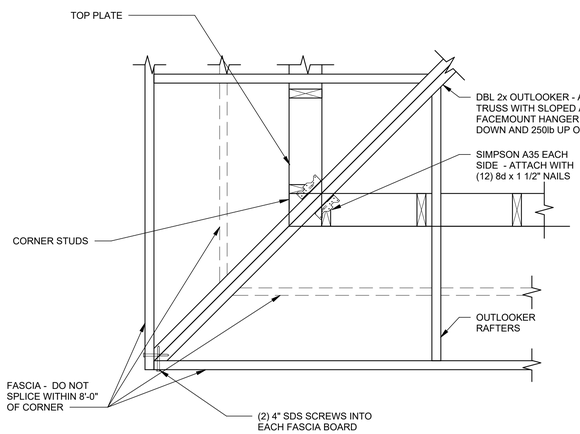


PLAN VIEW AT CORNER

TYPICAL WALL PENETRATIONS SCHEDULE FOR PENETRATIONS GREATER THAN 9" SQUARE

4 S521

SCALE : NONE



TYPICAL RIDGE DETAIL AT RIDGE VENT LOCATIONS

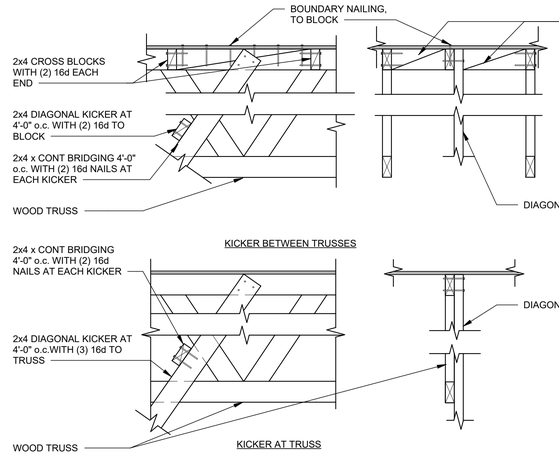
5 S521

SCALE : NONE

TYPICAL NON-STRUCTURAL WALL TO UNDERSIDE OF TRUSS

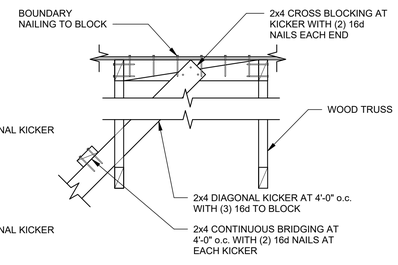
6 S521

SCALE : NONE



KICKER BETWEEN TRUSSES

KICKER AT TRUSS



DIAGONAL KICKER PERPENDICULAR TO TRUSS

TYPICAL NON STRUCTURAL PARTITION BRACING DETAILS

7 S521

SCALE : NONE

TYPICAL CORNER ROOF FRAMING PLAN VIEW

8 S521

SCALE : NONE

TYPICAL KICKER CONNECTIONS TO ROOF TRUSSES

9 S521

SCALE : NONE

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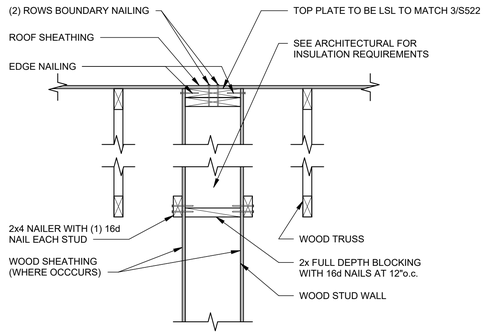
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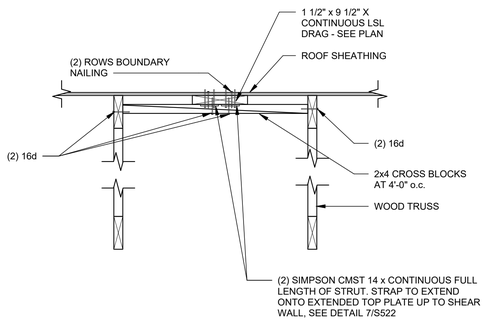
ROOF DETAILS

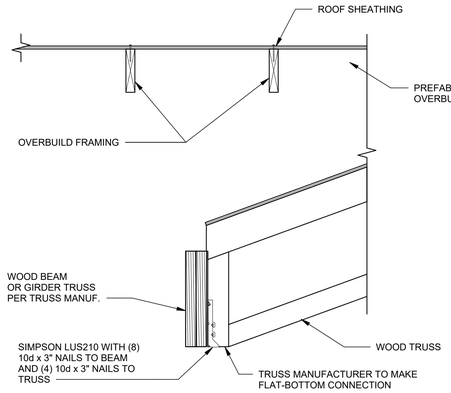
S521

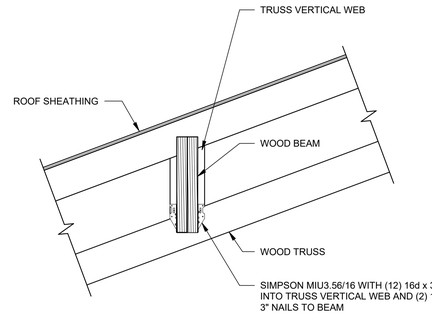
10/13/2025 3:36:10 PM



SHEAR WALL TO ROOF SHEATHING





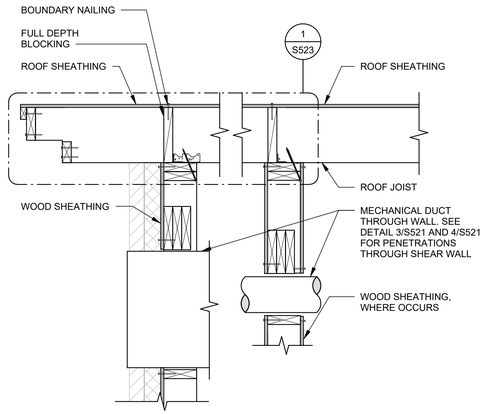


NOTE: OVERBUILD NOT SHOWN

TYPICAL INTERIOR WALL TO ROOF CONNECTION

SCALE : NONE

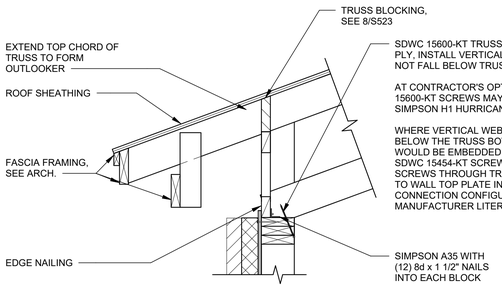
1 / S522



LVL DRAG SUPPORT BETWEEN TRUSSES

SCALE : NONE

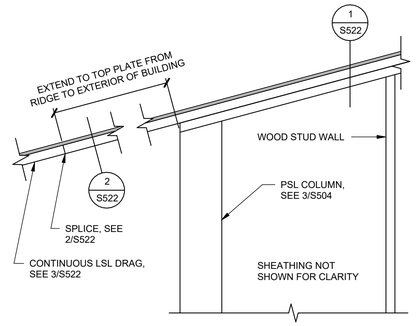
2 / S522



ROOF TRUSS TO BEAM CONNECTION

SCALE : NONE

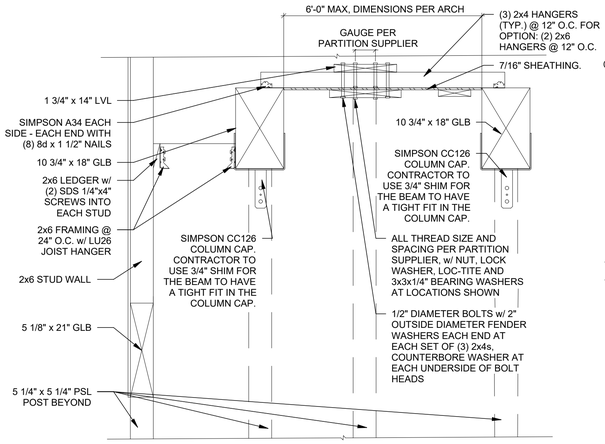
3 / S522



BEAM TO TRUSS AT BACK OVERBUILD

SCALE : NONE

4 / S522



MECHANICAL PENETRATION AT WALL POP-OUT

SCALE : NONE

5 / S522

WOOD TRUSS BEARING AT EXTERIOR WALL

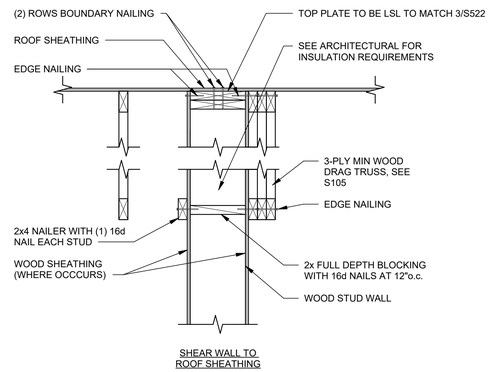
SCALE : NONE

6 / S522

DRAG-TO-SHEAR WALL

SCALE : NONE

7 / S522



SHEAR WALL TO ROOF SHEATHING

FOLDING PARTITION SECTION

SCALE : NONE

8 / S522

NOT USED

SCALE : NONE

9 / S522

NOT USED

SCALE : NONE

10 / S522

TYPICAL INTERIOR WALL TO ROOF CONNECTION

SCALE : NONE

11 / S522

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LEGACY FARMS LDS STAKE CENTER #501-4029

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JOB NUMBER: 25-7138

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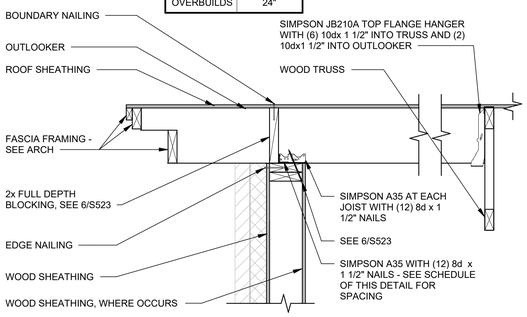
REV	DATE	DESCRIPTION

ROOF DETAILS

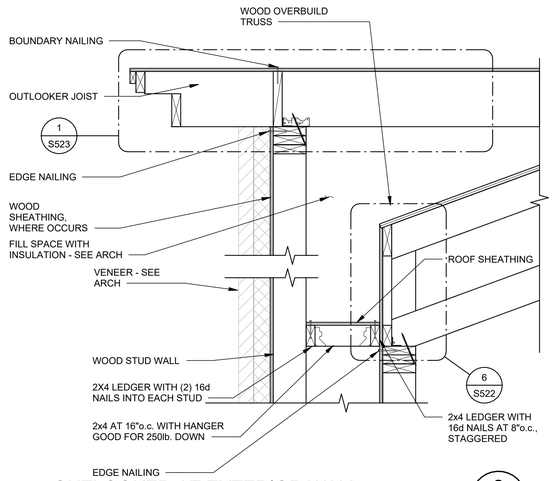
S522

10/13/2025 3:36:11 PM

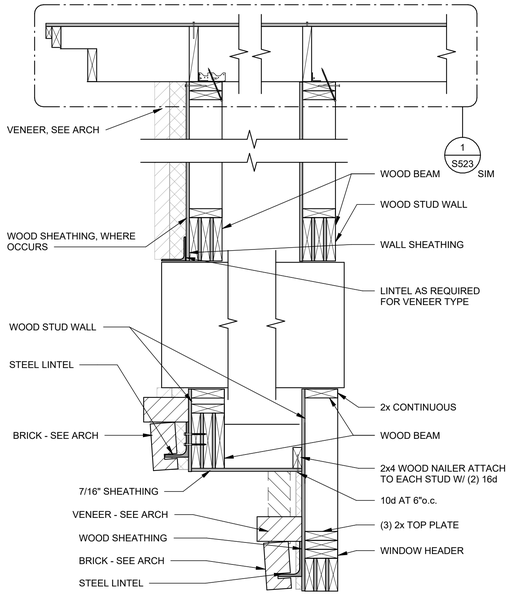
A35 SPACING	
GRID	SPACING
1, 4	24"
2	12"
3	16"
OVERBUILDS	24"



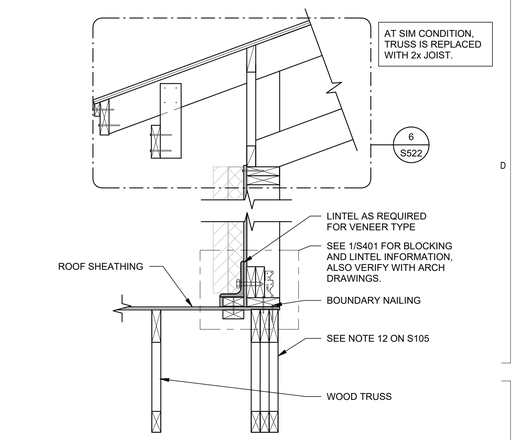
OUTLOOKER AT EXTERIOR WALL — 1 / S523
SCALE : NONE



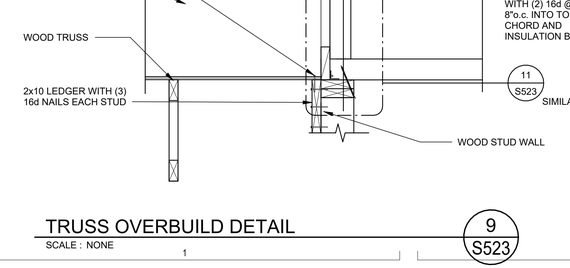
OUTLOOKER AT EXTERIOR WALL — 2 / S523
SCALE : NONE



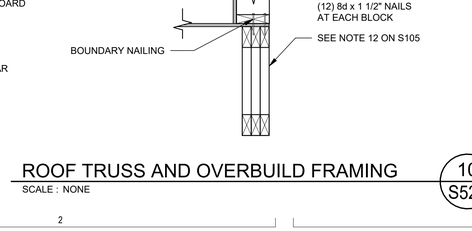
FRAMING AT MECHANICAL OPENING — 3 / S523
SCALE : NONE



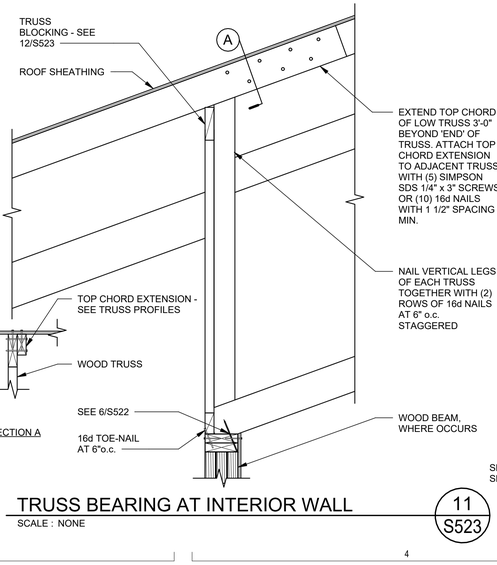
FRAMING AT ROOF POP-UP ON TRUSSES — 4 / S523
SCALE : NONE



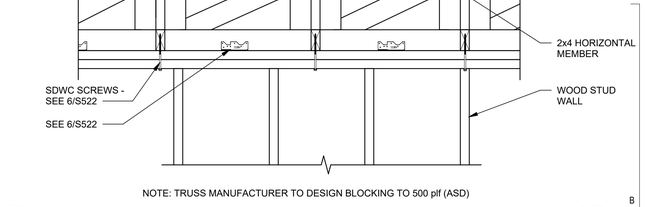
OUTLOOKER DETAIL AT ENTRY — 5 / S523
SCALE : NONE



SOLID BLOCKING AND ANCHORING DETAIL — 6 / S523
SCALE : NONE

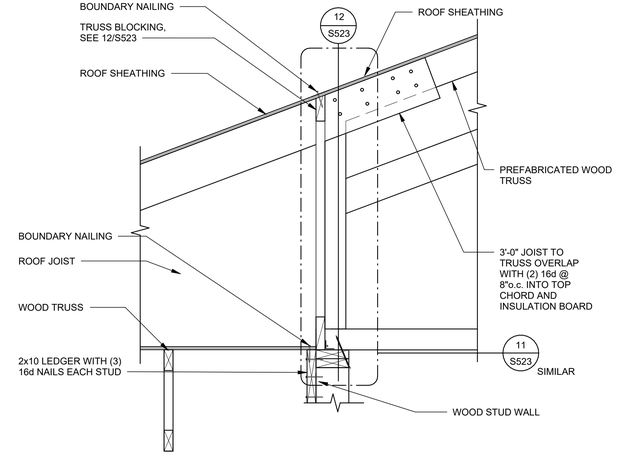


METAL COIL STRAP DETAIL — 7 / S523
SCALE : NONE

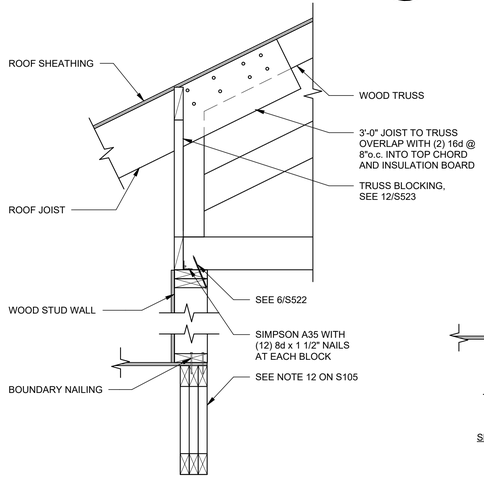


NOTE: TRUSS MANUFACTURER TO DESIGN BLOCKING TO 500 plf (ASD)

TRUSS BLOCKING AT LOW EXTERIOR WALL — 8 / S523
SCALE : NONE

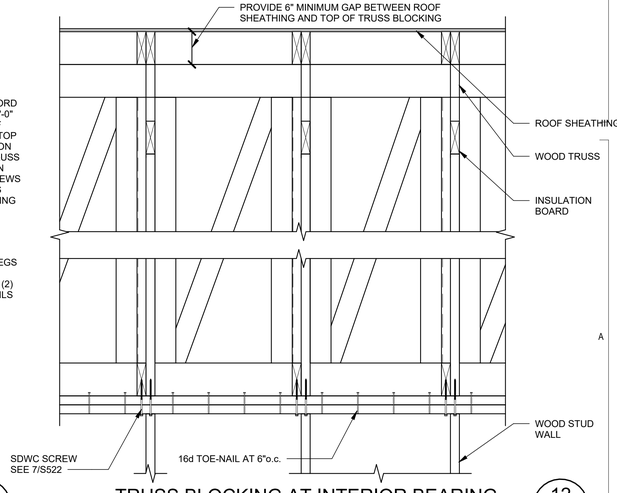


TRUSS OVERBUILD DETAIL — 9 / S523
SCALE : NONE



ROOF TRUSS AND OVERBUILD FRAMING — 10 / S523
SCALE : NONE

TRUSS BEARING AT INTERIOR WALL — 11 / S523
SCALE : NONE



TRUSS BLOCKING AT INTERIOR BEARING — 12 / S523
SCALE : NONE

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LEGACY FARMS LDS STAKE CENTER #501-4029

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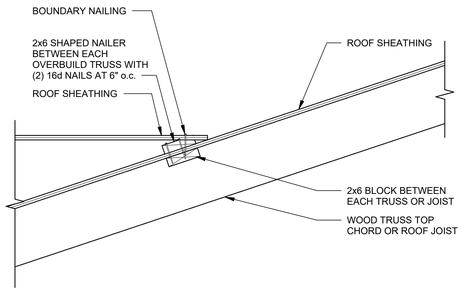
BUILDING PERMIT SUBMISSION

JOB NUMBER: 25-7138
OWNER:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

ROOF DETAILS

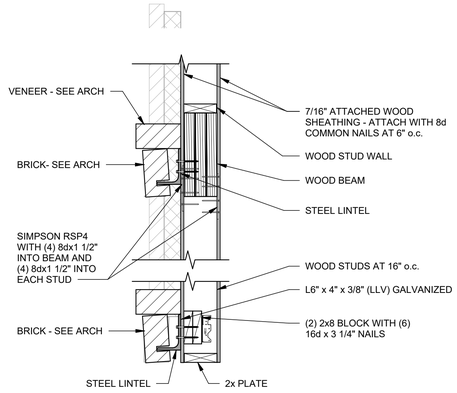
S523



OVERBUILD BETWEEN EACH OVERBUILD TRUSS

1 / S524

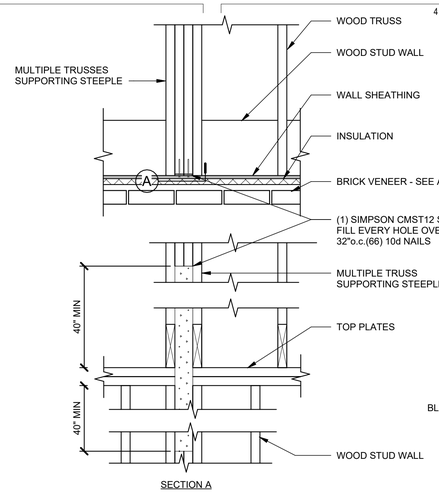
SCALE : NONE



SUSPENDED ELEMENT AT OPENING

2 / S524

SCALE : NONE

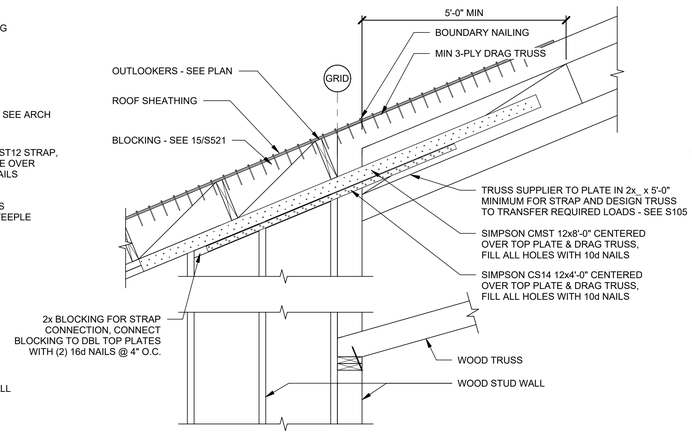


SECTION A

ANCHORAGE OF STEEPLE SUPPORT TRUSSES TO WALL

3 / S524

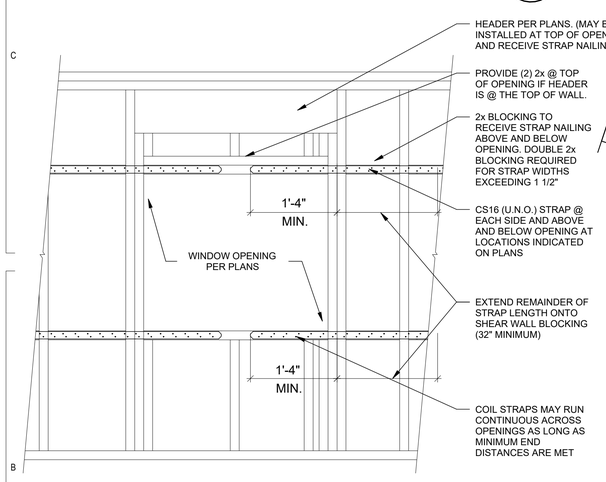
SCALE : NONE



DRAG TRUSS TO DBL TOP PLATE

4 / S524

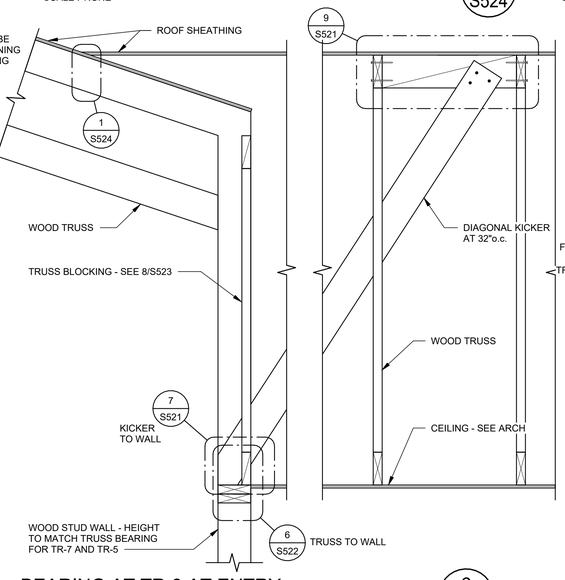
SCALE : NONE



STRAPPED OPENING @ HEADER & SILL (ONLY REQUIRED AS CALLED ON PLANS

5 / S524

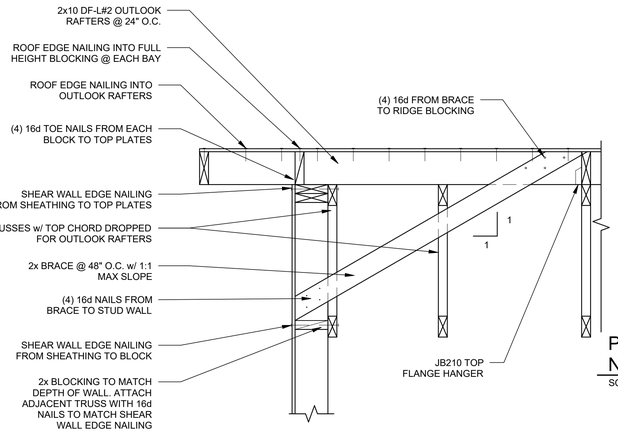
SCALE : NONE



BEARING AT TR-3 AT ENTRY

6 / S524

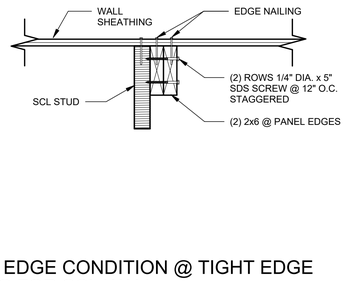
SCALE : NONE



OUTLOOK RAFTERS

7 / S524

SCALE : NONE



PANEL EDGE CONDITION @ TIGHT EDGE NAILING FOR SCL WALL

8 / S524

SCALE : NONE

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LEGACY FARMS LDS STAKE CENTER #501-4029

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BUILDING PERMIT SUBMISSION

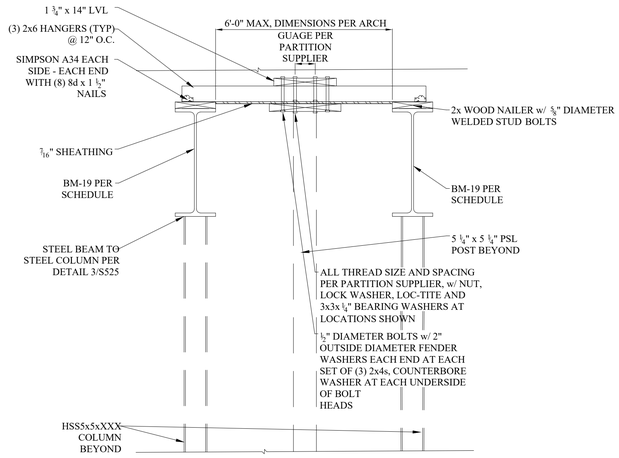
JOB NUMBER: 25-7138
OWNER:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

ROOF DETAILS

S524

10/13/2025 3:36:13 PM



WON-DOOR PARTITION SUPPORT - END

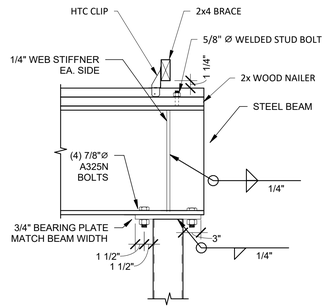
SCALE : NONE

1 S525

NOT USED

SCALE : NONE

2 S525



BEAM TO COLUMN DETAIL

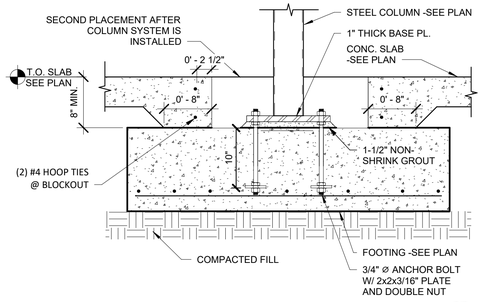
SCALE : NONE

3 S525

NOT USED

SCALE : NONE

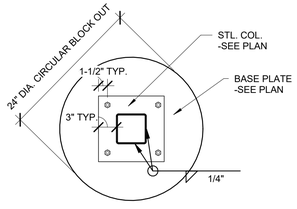
4 S525



HSS COLUMN/FOOTING

SCALE : NONE

5 S525



TOP VIEW

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DATE: 08/22/2025

REV	DATE	DESCRIPTION

DETAILS

S525

10/13/2025 3:36:14 PM

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) (GSH No. 0153-393A-25)	S_S = 1.446
	VALUE OF S_S USED TO CALCULATE C_S (LIMIT S_S TO 1.5 PER ASCE7) (GSH No. 0153-393A-25)	S_S = 1.446
	S_1 (GSH No. 0153-393A-25)	S_1 = 0.533
	SOIL SITE CLASS (GSH No. 0153-480-22)	D
	SITE COEFFICIENT, F_a (GSH No. 0153-393A-25)	F_a = 1.000
	SITE COEFFICIENT, F_v (GSH No. 0153-393A-25)	F_v = 1.767
	DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS (GSH No. 0153-393A-25)	S_{DS} = 0.964 S_{D1} = 0.628
	SEISMIC DESIGN CATEGORY	D
	BASIC SEISMIC-FORCE RESISTING SYSTEM.	WOOD FRAMED WALLS SHEATHED WITH WOOD PANELS
	RESPONSE MODIFICATION FACTOR	R = 6.5
	OVERSTRENGTH FACTOR	W_0 = 2.5
	ANALYSIS PROCEDURE USED.	ASCE 7 EQUIVALENT LATERAL FORCE PROCEDURE
	SEISMIC RESPONSE COEFFICIENT - ULTIMATE	C_S = 0.185
WIND	ASCE 7 ENVELOPE PROCEDURE, PART 2	
	WIND SPEED (3 SECOND GUST)	105 M.P.H.
	INTERNAL PRESSURE COEFFICIENT (C&C)	±0.18
	EXPOSURE CATEGORY	C
ROOF	DEAD LOAD	20 P.S.F.
	SNOW IMPORTANCE FACTOR	I_S = 1.10
	GROUND SNOW LOAD, P_g	39 P.S.F.
	FLAT ROOF SNOW LOAD, P_f	30.0 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)	30.0 P.S.F.
	BUILDING ELEVATION	5182 FT
	LIVE LOAD	20 PSF
	ROOF RAIN LOAD	1.5 in/hr
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	SOILS REPORT BY GSH DATED MARCH 13, 2025. PROJECT NUMBER 0153-393A-25	3000 P.S.F.
	SOIL SUBGRADE MODULUS, K	150 PCI
WIND (STEEPLE)	ASCE 7 SECTION 29.4 - OTHER STRUCTURES	
	WIND SPEED	105 M.P.H.
	FORCE COEFFICIENT, Cf	1.37

SCHEDULE B

LEGEND

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

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. C2. PERFORM AIR, SLUMP AND TEMPERATURE TESTS WHEN CONCRETE SAMPLES ARE CAST. 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. C4. REFER TO DIVISION 03 OF THE SPECIFICATION FOR ADDITIONAL AND SPECIFIC TESTING AND INSPECTION REQUIREMENTS.
REINFORCING STEEL PLACEMENT		●		
EMBEDDED BOLTS & PLATES	●			
VERIFYING REQUIRED DESIGN MIX		●		
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. INSPECTION NOT REQUIRED FOR MECHANICAL SCREEN WALLS. M2. REFER TO DIVISION 04 FOR ADDTIONAL 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, & BOLTING, AND OTHER FASTENING TO OTHER COMPONENTS WHERE THE SPACING OF THE SHEATHING FASTENERS IS GREATER THAN 4"o.c. WHERE NAIL SPACING IS 4" o.c. 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 & DIAPHRAGM NAILING		●	REFERENCE NOTE W1	
DRAG STRUTS		●		
HOLD-DOWNS		●		
SOILS (IBC 1705.5)			REFERENCE NOTE F1	F1. SPECIAL INSPECTION OF SOILS SHALL REFERENCE THE APPROVED SOILS REPORT TO DETERMINE COMPLIANCE. F2. 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 95 PERCENT OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT DETERMINED IN ACCORDANCE WITH ASTM D 1557. F3. 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.
VERIFY ADEQUATE MATERIALS BELOW FOOTINGS		●	REFERENCE NOTE F1	
EXCAVATIONS EXTEND TO PROPER DEPTH AND REACH PROPER MATERIAL		●	REFERENCE NOTE F2	
CLASSIFY & 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 RESPONSIBLITIES OF THE CONTRACTOR:
   a. THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBLITY 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 REQUIRENG SPECIAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNITL 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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2107 E HERITAGE DR, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

JOB NUMBER: 25-7138
OWNER:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

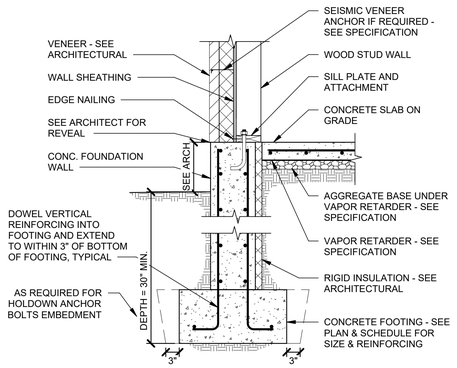
SCHEDULES

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SCHEDULE A

CONCRETE FOUNDATION WALL SCHEDULE



MARK	WIDTH	HORIZONTAL REINF.			VERTICAL REINF.	
		TOP	INTERMEDIATE	BOTTOM	SIZE	SPACING
CW-8	8"	(2) #4	#4 AT 16"o.c.	(2) #4	#4	16"o.c.
CW-12	12"	(2) #4	(2) #4 AT 16"o.c.	(2) #4	#4	16"o.c. EF
CW-14	14"	(2) #4	(2) #4 AT 12"o.c.	(2) #4	#4	12"o.c. EF
CW-16	16"	(2) #4	(2) #4 AT 12"o.c.	(2) #4	#4	12"o.c. EF

NOTES:
1. IF FOOTINGS ARE EARTH-FORMED, FOOTING WIDTH AND LENGTH SHALL BE 6" LONGER AND WIDER THAN SCHEDULED. SEE FIGURE ABOVE.

SCHEDULE B

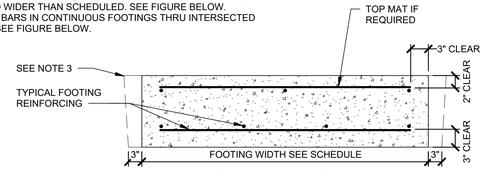
CONCRETE FOOTING SCHEDULE

MARK*	WIDTH	LENGTH	DEPTH	REINFORCING CROSSWISE				REINFORCING LENGTHWISE				REMARKS
				NO.	SIZE	LENGTH	SPACING	NO.	SIZE	LENGTH	SPACING	
FC1.5	1'-6"	CONT.	1'-0"	-	-	-	-	2	#4	CONT.	EQUAL	
FC2.0	2'-0"	CONT.	1'-0"	-	-	-	-	3	#4	CONT.	EQUAL	
FC2.5	2'-6"	CONT.	1'-0"	-	-	-	-	4	#4	CONT.	EQUAL	
FC3.0	3'-0"	CONT.	1'-3"	-	#5	2'-6"	9" O.C.	4	#5	CONT.	EQUAL	REINFORCE TOP AND BOTTOM
FC5.5	5'-5"	CONT.	1'-6"	-	#5	5'-0"	9" O.C.	7	#5	CONT.	EQUAL	REINFORCE TOP AND BOTTOM
FC6.0	6'-0"	CONT.	1'-6"	-	#5	5'-6"	9" O.C.	8	#5	CONT.	EQUAL	REINFORCE TOP AND BOTTOM
FS2.5	2'-6"	2'-6"	1'-0"	3	#5	2'-0"	EQUAL	3	#5	2'-0"	EQUAL	
FS3.0	3'-0"	3'-0"	1'-0"	3	#5	2'-6"	EQUAL	3	#5	2'-6"	EQUAL	
FS4.5	4'-6"	4'-6"	1'-3"	5	#5	4'-0"	EQUAL	5	#5	4'-0"	EQUAL	REINFORCE TOP AND BOTTOM
FS5.5	5'-6"	5'-6"	2'-6"	12	#5	5'-0"	EQUAL	12	#5	5'-0"	EQUAL	REINFORCE TOP AND BOTTOM
FS8x22	8'-0"	22'-0"	1'-0"	22	#6	7'-6"	EQUAL	8	#6	21'-6"	EQUAL	REINFORCE TOP AND BOTTOM

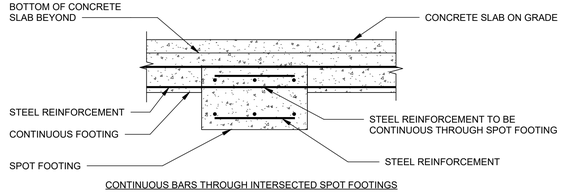
NOTES:
1. PLACE REINFORCING IN THE BOTTOM OF THE FOOTING WITH 3" CLEAR CONCRETE COVER (UNLESS NOTED OTHERWISE). USE ADOBE BLOCKS.
2. TOP REINFORCING, WHERE SPECIFIED, SHALL BE PLACED IN THE TOP OF THE FOOTING WITH 2" MINIMUM CONCRETE COVER.
3. IF FOOTINGS ARE EARTH-FORMED, FOOTING WIDTH AND LENGTH SHALL BE 6" LONGER AND WIDER THAN SCHEDULED. SEE FIGURE BELOW.
4. RUN CONTINUOUS BARS IN CONTINUOUS FOOTINGS THRU INTERSECTED SPOT FOOTINGS. SEE FIGURE BELOW.

*FOOTING TYPES

FC = CONTINUOUS FOOTING
FS = SPOT FOOTING



TYPICAL FOOTING SECTION



CONTINUOUS BARS THROUGH INTERSECTED SPOT FOOTINGS

SCHEDULE C

SCHEDULE OF CONSTRUCTION MATERIALS

CONCRETE

LOCATION	28 - DAY COMPRESSIVE STRENGTH
EXTERIOR CONCRETE (EXPOSED TO FREEZING AND/OR DE-ICERS)	4,500 P.S.I. MIX TYPE E
FOOTINGS (NOT EXPOSED TO FREEZING AND/OR DE-ICERS	3,000 P.S.I. MIX TYPE A
FOUNDATION WALLS (EXPOSED TO FREEZING AND DE-ICERS)	4,500 P.S.I. MIX TYPE E
FOUNDATION WALLS (NOT EXPOSED TO FREEZING AND DE-ICERS)	4,000 P.S.I. MIX TYPE D
INTERIOR SLABS ON GRADE	4,500 P.S.I. MIX TYPE E

NOTES: 1. CONCRETE STRENGTH USED IN DESIGN IS 2500 P.S.I. 2. SEE SPECIFICATIONS 03-3000 FOR DEFINITION OF MIX TYPE. 3. CEMENT TYPE TO BE TYPE V

REINFORCING STEEL

FIELD BENT BARS	ALL OTHER BARS
ASTM A615, GRADE 60 (SEE LAP SPLICE SCHEDULE D/S602 FOR LAP LENGTHS)	ASTM A615, GRADE 60 (SEE LAP SPLICE SCHEDULE D/S602 FOR LAP LENGTHS)

WOOD[1,2,3,4]

DIMENSION LUMBER

APPLICATION	SPECIES GROUP AND MINIMUM GRADE		
TOP PLATES, STRUTS, ROOF JOISTS, FLOOR JOISTS, MISC. FRAMING, HEADERS, BEAMS, LEDGERS	DOUGLAS FIR-LARCH HEM FIR SOUTHERN PINE MSR	#2 OR BETTER #1 OR BETTER #2 OR BETTER 1650F - 1.5E OR BETTER	
BLOCKING	DOUGLAS FIR-LARCH HEM FIR SOUTHERN PINE MSR	#2 OR BETTER #2 OR BETTER #2 OR BETTER 1650F - 1.5E OR BETTER	
POSTS AND TIMBERS 5" x 5" AND LARGER	DOUGLAS FIR-LARCH SOUTHERN PINE	#1 OR BETTER #1 OR BETTER	
SILL PLATES	DOUGLAS FIR-LARCH HEM FIR SOUTHERN PINE SCL	2x4, 1 1/2"x3 1/2" SCL STANDARD OR BETTER STANDARD OR BETTER STANDARD OR BETTER 1.3E	2x6, 2x8, 2x10, 1 1/2"x9 1/2" SCL, 1 1/2"x11 7/8" SCL #2 OR BETTER #2 OR BETTER #2 OR BETTER 1.5E
TRUSSED RAFTERS (CHORDS AND WEBS)	SPRUCE PINE FIR DOUGLAS FIR-LARCH HEM FIR SOUTHERN PINE MSR	#2 OR BETTER #2 OR BETTER #1 OR BETTER #2 OR BETTER 165F - 1.5E OR BETTER	
EXTERIOR WALL STUDS AND INTERIOR STRUCTURAL WALL STUDS	DOUGLAS FIR-LARCH HEM FIR SOUTHERN PINE SCL	2x4 #2 OR BETTER #1 OR BETTER #2 OR BETTER	2x6 #2 OR BETTER #1 OR BETTER #2 OR BETTER
INTERIOR NON-STRUCTURAL WALL STUDS	DOUGLAS FIR-LARCH HEM FIR SOUTHERN PINE	2x4 STANDARD, UTILITY, CONSTRUCTION, OR BETTER STANDARD, UTILITY, CONSTRUCTION, OR BETTER STANDARD, UTILITY, CONSTRUCTION, OR BETTER	2x6 #2 OR BETTER #2 OR BETTER #2 OR BETTER

STRUCTURAL COMPOSITE LUMBER (SCL) SUCH AS LVL AND LSL

	MINIMUM PROPERTY VALUES[1] - P.S.I.				
	Fb	Fv	Fc⊥	Fc∥	E x 10^6
1-1/2" x = 5-1/2" (SEE NOTE 4 AND 5)	1,700	220	575	1,400	1.3
1-1/2" x ALL OTHER DEPTHS (SEE NOTE 4 AND 5)	2,250	220	575	1,950	1.5
1-3/4" x ALL DEPTHS	2,600	285	750	2,350	1.9
3-1/2" x ALL DEPTHS	1,700	285	680	1,400	1.3

GLU-LAM COLUMNS

	MINIMUM PROPERTY VALUES[1] - P.S.I.				
	Fb	Fv	Fc⊥	Fc∥	E x 10^6
5 1/8" x ALL DEPTHS	2,400	265	650	1,800	2.0

GLUED LAMINATED BEAMS

	MINIMUM PROPERTY VALUES[1] - P.S.I.				
	Fb TENSION ZONE	Fb COMPRESSION ZONE STRESSED IN TENSION	Fv	Fc	E x 10^6
24F-V4 DF/DF OR 24F-E4 SP/SP WITH STRESS CLASS 24F-1.8E EXCEPT AT BM, USE 24F-V8	2400	2400	265	1600	1.8

NOTES:
1. DESIGN VALUES ARE FOR NORMAL DURATION. REPETITIVE FRAMING FACTORS AND SIZE FACTORS HAVE NOT BEEN APPLIED.
2. 1 3/4" MEMBERS MAY BE USED TO REPLACE 1 1/2" SCL MEMBERS. ADJUST DIMENSIONS IN PLANS AND DETAILS ACCORDINGLY.
3. LIMIT THE MODULUS OF ELASTICITY OF 1 1/2" LSL MEMBERS TO 1.55x10^6 psi.
4. LSL WOOD IS HARDER AND DENSER THAN LVL WOOD. FRAMER MUST HAVE EQUIPMENT THAT WILL DRIVE NAILS COMPLETELY INTO WOOD.

STRUCTURAL STEEL

ITEM	SPECIFICATION
WIDE FLANGE SHAPES	ASTM A992, Fy = 50KSI
HOLLOW STRUCTURAL SECTIONS SQUARE	ASTM A500, GRADE B, Fy = 46KSI
OTHER SHAPES AND PLATE	ASTM A36
BOLTED CONNECTIONS	ASTM A-325 WITH ASTM A563 NUTS AND ASTM F436 WASHERS
ANCHOR BOLTS	ASTM F1554, GRADE 36 WITH ASTM A563 HEAVY HEX NUTS AND HARDENED GRADE A WASHERS
THREADED WELDED STUDS (TWS)	ASTM A29, TYPE A.

SCHEDULE D

LAP SPLICE SCHEDULE

BAR SIZE	BAR OVERLAP	BAR SIZE	BAR OVERLAP	BAR SIZE	BAR OVERLAP
#3	18"	#4	24"	#5	30"
#6	36"	#7	42"	#8	48"

SCHEDULE E

CONCRETE PROTECTION FOR REINFORCEMENT

CONCRETE PLACED AGAINST AND PERMANENTLY EXPOSED TO EARTH	ALL APPLICATIONS EXCEPT SLABS ON GRADE	3"
	SLABS ON GRADE - CLEAR DISTANCE FROM TOP OF SLAB	1"
CONCRETE EXPOSED TO EARTH OR WEATHER	#6 BARS AND LARGER	2"
	#5 BARS AND SMALLER	1 1/2"
NOTES	TOLERANCE FOR CONCRETE COVER AND REINFORCEMENT LOCATION IS ±3/8"	

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LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 25-7138
OWNER:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

SCHEDULES

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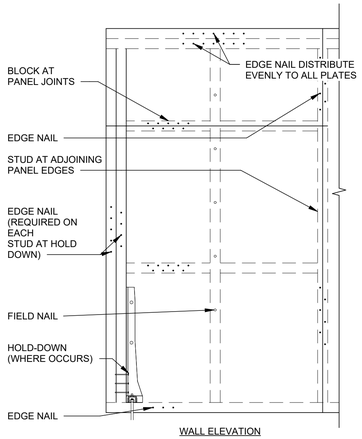
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SCHEDULE A

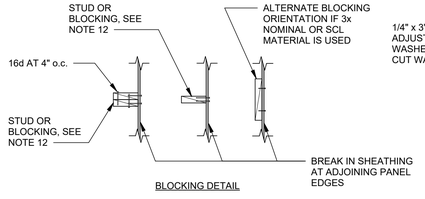
STRUCTURAL WOOD WALL SCHEDULE

MARK	NOMINAL STUD SIZE[12,13]	STUD SPACING	SILL PLATE[4,5]	TOP PLATES[19]	WOOD SHEATHING THICKNESS[12,14,15,16,17,18]	COMMENT	EDGE NAILING[5,6,7,8]	SILL PLATE ATTACHMENT[1,2]
W4-A	1 1/2"x3 1/2" SCL	16"	1 1/2"x3 1/2" SCL	(2) 1 1/2"x3 1/2" SCL	---		---	POWDER ACTUATED FASTENER AT 24" ON CENTER [3]
W6-A	1 1/2"x5 1/2" SCL	16"	1 1/2"x5 1/2" SCL	(2) 1 1/2"x5 1/2" SCL	---		---	POWDER ACTUATED FASTENER AT 24" ON CENTER
W6-B[9,10]	2x6	16"	2x6[11]	(2) 2x6	7/16"		6"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER
W6-C[9,10]	2x6	16"	2x6	(2) 2x6	15/32"		2"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 18" ON CENTER
W6-D	2x6	12"	2x6	(2) 2x6	7/16"		4"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER
W6-E	1 3/4"x5 1/2" LVL	16"	1 1/2"x5 1/2" SCL	(2) 1 1/2"x5 1/2" SCL	---		---	POWDER ACTUATED FASTENER AT 24" ON CENTER [3]
W6-F	1 3/4"x5 1/2" LVL	16"	1 1/2"x5 1/2" SCL	(2) 1 1/2"x5 1/2" SCL	7/16"		6"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER
W6-G	2x6	16"	2x6	(2) 2x6	7/16"		4"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER
W8-A	1 1/2" x 7 1/4" SCL	16"	1 1/2"x7 1/4" SCL[11]	(2) 1 1/2"x7 1/4" SCL	7/16"		2"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER
W8-B	1 1/2" x 7 1/4" SCL	16"	1 1/2"x7 1/4" SCL[11]	(2) 1 1/2"x7 1/4" SCL	15/32"	DOUBLE - SIDED	2"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 12" ON CENTER
W8-C	1 1/2" x 7 1/4" SCL	12"	1 1/2"x7 1/4" SCL[11]	(2) 1 1/2"x7 1/4" SCL	15/32"	DOUBLE - SIDED	2"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 12" ON CENTER
W8-D	1 1/2" x 7 1/4" SCL	16"	1 1/2"x7 1/4" SCL[11]	(2) 1 1/2"x7 1/4" SCL	15/32"		6"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER
W10-A	1 3/4" x 9 1/2" LVL	16"	1 1/2"x9 1/2" SCL[11]	(2) 1 1/2"x9 1/2" SCL	7/16"		4"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER
W10-B	1 3/4" x 9 1/2" LVL	12"	(2) 1 1/2"x9 1/2" SCL[11]	(2) 1 1/2"x9 1/2" SCL	15/32"	DOUBLE - SIDED	2"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 12" ON CENTER
W10-C	1 3/4" x 9 1/2" LVL	16"	1 1/2"x9 1/2" SCL[11]	(2) 1 1/2"x9 1/2" SCL	7/16"		6"	5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER

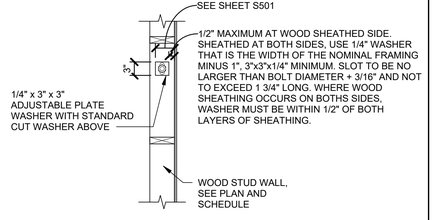
NOTES:
1. ALL ANCHOR BOLTS AT SILL PLATE ATTACHMENT SHALL HAVE A 1/4" x 3" x 3" MINIMUM WASHER BETWEEN THE SILL PLATE AND THE ANCHOR NUT. SEE ANCHOR BOLT PLATE WASHER DETAIL ON THIS SCHEDULE.
2. 5/8" DIAMETER SILL PLATE ANCHOR BOLTS MAY BE REPLACED WITH POST-INSTALLED ADHESIVE ANCHORS, POST-INSTALLED DRILLED-IN MECHANICAL ANCHORS (EXPANSION BOLTS) OR POST-INSTALLED SCREW ANCHORS. REFER TO SPECIFICATION SECTION 03 1511 FOR ACCEPTABLE PRODUCTS. NOTIFY ENGINEER OF ANCHOR SELECTED FOR EMBEDMENT, SPACING AND OTHER INSTALLATION REQUIREMENTS.
3. POWDER ACTUATED FASTENERS TO BE HILTI 'X-DNI 72P8' OR EQUIVALENT.
4. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
5. FASTENERS FOR PRESERVATIVE AND TREATED WOOD SHALL BE HOT DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICONE BRONZE, OR COPPER, UNLESS WOOD IS BORATE TREATED.
   a. EXCEPTION: PLAIN CARBON STEEL FASTENERS, INCLUDING NUTS AND WASHERS, IN SBX/DOT AND ZINC BORATE PRESERVATIVE-TREATED WOOD IN ANY INTERIOR, DRY ENVIRONMENT IS PERMITTED.
6. ALL NAILS TO BE HEAD MARKED FOR EASY IDENTIFICATION AFTER INSTALLATION.
7. ALL NAILS ATTACHING WOOD SHEATHING TO WALLS TO BE 10d (3" x 0.148" DIAMETER).
8. FIELD NAIL SPACING TO BE 6" ON CENTER.
9. SPECIAL INSPECTION IS REQUIRED.
10. A 3x NOMINAL STUD REQUIRED AT PANEL EDGE.
11. WHERE NAIL SPACING IS 4" OR LESS, MEMBERS AT ADJOINING PANEL EDGES SHALL NOT BE LESS THAN 3" NOMINAL. JOINT AND SILL NAILING SHALL BE STAGGERED.
    a. AS AN ALTERNATE TO USING A 3x NOMINAL STUD OR SILL PLATE, USE (2) 2x MEMBERS SPIKED TOGETHER WITH 16d NAILS AT 3" ON CENTER, STAGGERED.
       1. AT WALLS REQUIRING 3x SILL PLATE, IT IS PERMISSIBLE TO USE A TREATED 2x MEMBER IN CONTACT WITH THE CONCRETE AND AN UNTREATED 2x MEMBER ON TOP
    b. WHERE WOOD SHEATHING IS APPLIED ON BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" ON CENTER ON EITHER SIDE, WOOD SHEATHING JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT STUDS. ALTERNATIVELY, THE WIDTH OF THE NAILED FACE OF STUDS SHALL BE 3" NOMINAL OR GREATER AT ADJOINING WOOD SHEATHING EDGES AND NAILS AT ALL WOOD SHEATHING EDGES SHALL BE STAGGERED.
12. AT EXTERIOR WALLS, COORDINATE WITH ARCHITECTURAL DETAILS WHERE SHEATHING IS REQUIRED TO EXTEND HIGHER THAN TOP PLATES FOR OTHER EXTERIOR FINISHES.
13. FOR LUMBER WALLS TALLER THAN 15'-0", CHANGE LUMBER MATERIAL TO SCL MATERIAL IF NOT ALREADY SCHEDULED AS SUCH.
14. WALL SHEATHING MAY BE INSTALLED WITH THE LONG DIRECTION HORIZONTAL OR VERTICAL.
15. SHEATHING MAY BE INSTALLED IN STACKED INSTEAD OF RUNNING PATTERN AT CONTRACTOR'S OPTION.
16. ALL SHEATHING SHALL HAVE A SPAN RATING OF 24/16 OR BETTER UNLESS OTHERWISE NOTED.
17. ALL WALL SHEATHING SHALL COMPLY WITH PS1-95 OR PS2-92
18. SOLID BLOCK ALL WOOD WALL SHEATHING PANEL JOINTS, SEE BLOCKING DETAIL THIS SCHEDULE.
19. SEE DETAIL 1/SS21 FOR TOP PLATE SPLICE DETAIL.
20. FOR INTERIOR WALLS, LOCATE ANCHOR BOLTS IN CENTER OF WALL. AT EXTERIOR WALLS, LOCATE ANCHOR BOLTS FOLLOWING THE PROVIDED SCHEDULE BELOW. AT DOUBLE SIDED WALL, REFER TO ANCHOR BOLT PLATE WASHER DETAIL FOR MORE INFORMATION.
21. ATTACH WALL STUDS WITH (4) 16d NAILS AT 18"o.c.
22. PROVIDE (2) 2X6 STUDS ATTACHED TO SCL STUD AT EDGE NAILING CLOSER THAN 3" O.C., SEE DETAIL 8/SS2



WALL ELEVATION



BLOCKING DETAIL



ANCHOR BOLT PLATE WASHER DETAIL

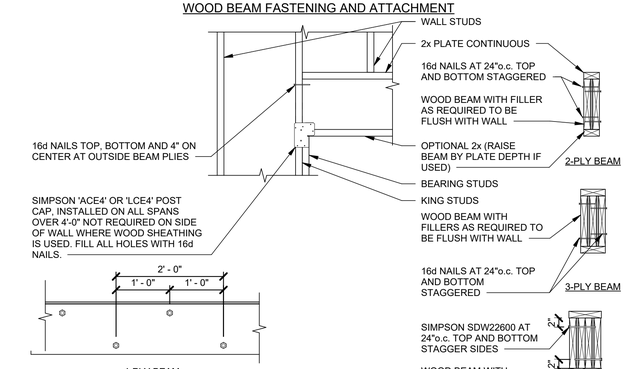
SCHEDULE B

BEAM SCHEDULE

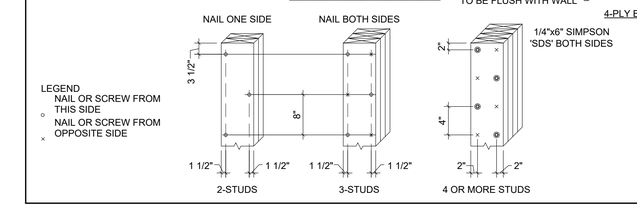
MARK	SIZE[2,3]	MATERIAL	JAMB[1,4,7]		COMMENTS
			BEARING STUDS[5]	KING STUDS[6]	
BM-1	(3) 2x6	DF-L #2	(1)	(1)	TYPICAL EXTERIOR WINDOW AND DOOR HEADER
BM-2	(2) 1 3/4" x 11 7/8"	SCL	(2)	(2)	ROSTRUM WINDOWS
BM-3	(3) 2x8	DF-L #2	(1)	(1)	SOUTH EXTERIOR WINDOWS
BM-4	(2) 1 3/4" x 11 7/8"	SCL	(1)	(1)	LIGHT COVE SUPPORT
BM-5	(3) 1 3/4" x 9 1/2"	SCL	(2)	--	BEAM BETWEEN WALLS IN PLATFORM
BM-6	(3) 1 3/4" x 11 7/8"	SCL	(2)	--	BEAM SPANNING FOYER
BM-7	(3) 1 3/4" x 11 7/8"	SCL	(2)	--	INTERIOR FULL LENGTH WALL 8' OPENING
BM-8	(3) 1 3/4" x 14"	SCL	(3)	--	INTERIOR FULL LENGTH WALL 9' OPENING
BM-9	(2) 2x8	DF-L #2	(2)	(3)	NORTH EXTERIOR WINDOW
BM-10	(2) 2x10	DF-L #2	(2)	--	TYPICAL INTERIOR NON-FULL HEIGHT WALL
BM-11	(3) 2x10	DF-L #2	(2)	(3)	SOUTH EXTERIOR WINDOWS WITH HIGH WALL
BM-12	(2) 2x12	DF-L #2	(1)	(1)	NORTH VESTIBULE DOORS
BM-13	(3) 2x12	DF-L #2	(1)	(2)	SOUTH ENTRANCE BEAM
BM-14	(3) 1 3/4" x 9 1/2"	SCL	(2)	(1)	INTERIOR FULL WALL HEIGHT DOOR BEAM
BM-15	(2) 2x6	DF-L #2	(1)	(1)	INTERIOR FULL WALL HEIGHT SOUTHDOOR BEAM
BM-16	(3) 2x10	DF-L #2	(2)	--	BEAM AT END OF PLATFORM
BM-17	(2) 2x10	DF-L #2	(1)	(1)	FULL HEIGHT INTERIOR WALL AT ROOM 134 & 120
BM-18	(2) 2x6	DF-L #2	(1)	(1)	DOOR IN VESTIBULE
BM-19	W24x84	STEEL	HSS5x5x5/16	--	GYMNASIUM WONDOOR PARTITION DOOR
BM-20	(2) 2x8	DF-L #2	(1)	(1)	MOTHERS ROOM TO ROOM 134
BM-21	(3) 2x12	DF-L #2	(1)	(1)	SOUTH BETWEEN ENTRANCE AND VESTIBULE
BM-22	(3) 1 3/4" x 11 7/8"	SCL	(2)	(2)	BETWEEN ENTRANCE AND VESTIBULE
BM-23	(3) 1 3/4" x 11 7/8"	SCL	(5)	--	BEAM CONNECTING PLATFORM END TO EXTERIOR WALL
BM-24	(2) 2x6	DF-L #2	(1)	(2)	ROOM 120 & 134 EAST WEST WINDOWS
BM-25	(3) 1 3/4" x 11 7/8"	SCL	(5)	--	BEAM CONNECTING FAMILY BATHROOM TO BM23 POST
BM-26	(2) 2x6	DF-L #2	(1)	(1)	TYPICAL DOOR HEADER FOR STORAGE BUILDING
BM-27	(2) 1 3/4" x 9 1/2"	SCL	(3)	--	REAR ENTRY HALL AT CEILING HEIGHT CHANGE
BM-28	(2) 1 3/4" x 9 1/2"	SCL	(2)	--	REAR ENTRY
BM-29	NOT USED	--	--	--	--
BM-30	(4) 1 3/4" x 7 1/4"	SCL	(4)	--	PARTITION DOOR BEAM
BM-31	(4) 1 3/4" x 14"	SCL	--	--	STEEPLE BEAM - SEE S401
BM-32	(3) 2x8	DF-L #2	--	--	FOYER LIGHT COVE BEAM
BM-33	(3) 1 3/4" x 20"	SCL	(5)	--	BEAM SUPPORTING TRUSSES NEXT TO GLD
BM-34	(2) 2x8	DF-L #2	(2)	(1)	VESTIBULE ENTRY AT STEEPLE END OF BUILDING

NOTES:
1. SEE STRUCTURAL WOOD WALL SCHEDULE FOR JAMB MATERIAL AND NOMINAL SIZE.
2. USE FILLERS AS NEEDED TO HAVE ALL BEAMS OR HEADERS MATCH WIDTH OF WALL IN WHICH BEAM IS LOCATED.
3. BEAMS OF MULTIPLE MEMBERS MAY BE REPLACED WITH A SINGLE MEMBER OF EQUIVALENT SIZE AND MATERIAL PROPERTIES.
4. SEE NAILING PATTERN SHOWN IN WOOD JAMB FASTENING FOR MULTIPLE-PLY BEARING AND KING STUDS.
5. USE 16d NAILS TO BUILD UP 2 OR 3 STUD COLUMNS.
   - ADJACENT NAILS ARE TO BE DRIVEN FROM OPPOSING SIDES OF COLUMN.
   - 3 1/2" WIDE COLUMNS REQUIRE ONE ROW OF STAGGERED NAILS. ALL OTHER COLUMNS REQUIRE TWO ROWS OF NAILS.
6. KING STUDS EXTEND FROM TOP OF SILL PLATE TO BOTTOM OF TOP WALL PLATES.
7. BEARING STUDS EXTEND FROM TOP OF SILL PLATE TO BOTTOM OF BEAM OR HEADER.

WOOD BEAM FASTENING AND ATTACHMENT



WOOD JAMB FASTENING



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LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 25-7138
OWNER: THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
DATE: 08/22/2025

REV	DATE	DESCRIPTION

SCHEDULES

S603

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SCHEDULE A

REQUIRED NAIL TYPES

ALL NAILS NOTED ON THE DRAWINGS SHALL BE AS SHOWN BELOW, UNLESS NOTED OTHERWISE.

NAIL SIZE	STANDARD LENGTH (INCHES)	DIAMETER (INCHES)	MINIMUM PENETRATION REQUIRED INTO MAIN MEMBER (INCHES)
8d	2 1/2	.131	1 3/8
10d	3	.148	1 1/2
16d	3 1/4	.148	1 1/2

NOTES:
1. EXCEPT WHERE NOTED OTHERWIDE, 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 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 AREPERMITTED.
4. NAILS USED IN SIMPSON HARDWARE (OR HARDWARE OF EQUAL VALUE) SHALL BE AS SPECIFIED BY THE MANUFACTURER.
5. OTHER FASTENERS MAY BE USED TO REPLACE NAILS BUT THEY MUST HAVE EQUIVALENT, OR LARGER, DIAMETERS AND PENETRATION LENGTHS.

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 FRAMING

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	42.8	42.8	36.8	32.2	25.0
2	68.3	59.8	48.6	40.1	35.2
3	79.7	67.1	50.4	50.4	50.4
4	32.6	31.3	29.5	28.1	25.0
5	40.3	37.5	34.0	31.3	25.0

SCHEDULE D

TYPICAL BLOCKING SCHEDULE

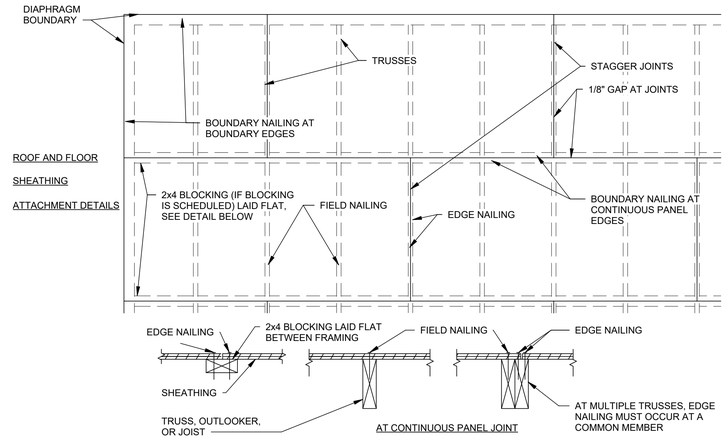
DOOR STOPS	STAIR BLOCKING
VISUAL DISPLAYS	DECORATIVE METAL BETWEEN WINDOWS
MARKER BOARDS	DRINKING FOUNTAINS
TACK BOARDS	WALL HUNG SINKS
BABY CHANGING STATIONS	ROSTRUM
EXIT SIGNS	DECORATION HOOKS
CHAIR RAIL	JANITOR SHELVING
COAT RACKS	RA VENTS AT ENTRIES
CABINETS	COLUMNS AT ENTRIES
SOUND PANELS	CAN LIGHTS 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 HEATERSEISMIC STRAPS (2) UNISTRUT. RUNNING PARALLEL TO FRAMING
WALL MOUNTED HANDRAILS	

SCHEDULE E

SHEATHING TYPE AND NAILING SCHEDULE

LOCATION	SHEATHING	EDGE NAILING[1]	FIELD NAILING[1]	BOUNDARY NAILING[2]	BLOCKING AT PANEL EDGES
ROOF, UNBLOCKED	19/32" 40/20 SPAN RATING PLYWOOD	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 PLYWOOD	10d AT 4"o.c.	10d AT 6"o.c.	10d AT 6"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				

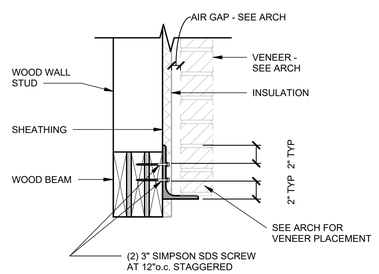
NOTES:
1. SEE PARTIAL PLAN BELOW FOR LOCATION OF BOUNDARY, EDGE, AND FIELD NAILING.
2. ALL FASTENERS FOR PRESERVATIVE AND FIRE RETARDANT TREATED WOOD SHALL BE HOT DIPPED SINZ COATED GLAVANIZED STEEL, STAINLESS STEEL, SILICONE BRONZE, OR COPPER, UNLESS WOOD IS BORATE TREATED. EXCEPTION: PLAIN CARBON STEEL FASTENERS, INCLUDING NUTS AND WASHERS, IN SBX/DOT AND ZINC BORATE PRESERVATIVE- TREATED WOOD IN AN INTERIOR, DRY ENVIRONMENT ARE PERMITTED.
3. FOR EQUIPMENT PLATFORM, ROSTRUM, AND PLATFORM SHEATHING SHALL BE GLUED AND NAILED TO THE STRUCTURE.
4. INSPECTION REQUIRED.



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) 3" SDS SCREW AT 12"o.c., STAGGERED.
6. AT LOCATIONS WHERE ANGLE IS USED FOR BRICK VENEER 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.
8. 14' MAX HEIGHT BETWEEN LINTELS.

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BUILDING PERMIT SUBMISSION

JOB NUMBER: 25-7138
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THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
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REV	DATE	DESCRIPTION

SCHEDULES

S604

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SYMBOL LEGEND - PIPING

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTOMATIC 2-WAY VALVE
	AUTOMATIC 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
S	SOLENOID VALVE
	ANGLE VALVE
	VENTURI VALVE
	BALANCING OR PLUG COCK
	FLOW SETTER
	EXPANSION VALVE
	GAS COCK
MAV	MANUAL AIR VENT
	STRAINER
	GAUGE COCK
	FLEXIBLE CONNECTION
	PRESSURE GAUGE
	THERMOMETER
	PIPE REDUCER
OG	REFRIGERANT SITE GLASS
	REFRIGERANT STRAINER
	REFRIGERANT FILTER DRIER
	90 DEGREE ELBOW UP
	90 DEGREE ELBOW DOWN
	90 DEGREE TEE UP
	90 DEGREE TEE DOWN
	PIPE UNION
	PIPE CAP
	PIPE ANCHOR
	FLOAT AND THERMOSTATIC TRAP

SYMBOL LEGEND - MISC

REFERENCE LINES AND SYMBOLS

SYMBOL	DESCRIPTION
- ----	VIEW OR DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW OR DETAIL IS SHOWN.
- ----	ELEVATION OR SECTION INDICATOR: # INDICATES VIEW NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW IS SHOWN.
NAME	ROOM / SPACE INDICATOR
#	KEYNOTE INDICATOR
#	REVISION INDICATOR
XX-##	PLUMBING FIXTURE INDICATOR
XX-##	EQUIPMENT INDICATOR
TAG CFM	REGISTER, GRILLE, OR DIFFUSER INDICATOR
OR	BREAKLINE
MATCH LINE SEE XX/XXX	MATCHLINE INDICATOR
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE
	NEW CONNECTION TO EXISTING
	POINT OF DEMOLITION

SYMBOL LEGEND - DUCTWORK

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	RECTANGULAR SUPPLY DUCT UP
	RECTANGULAR SUPPLY DUCT DOWN
	RECTANGULAR RETURN DUCT UP
	RECTANGULAR RETURN DUCT DOWN
	RECTANGULAR EXHAUST DUCT UP
	RECTANGULAR EXHAUST DUCT DOWN
	ROUND SUPPLY DUCT UP
	ROUND SUPPLY DUCT DOWN
	ROUND RETURN DUCT UP
	ROUND RETURN DUCT DOWN
	ROUND EXHAUST DUCT UP
	ROUND EXHAUST DUCT DOWN
	OVAL SUPPLY DUCT UP
	OVAL SUPPLY DUCT DOWN
	OVAL RETURN DUCT UP
	OVAL RETURN DUCT DOWN
	OVAL EXHAUST DUCT UP
	OVAL EXHAUST DUCT DOWN
	SPIRAL OVAL DUCT
	SPIRAL ROUND DUCT
	DUCT INSULATION
	DUCT LINING
	90° RECTANGULAR ELBOW WITH TURNING VANES
	90° ROUND RADIUS ELBOW
	GORED OVAL RADIUS ELBOW
	DUCT SIZE OR SHAPE TRANSITION
	DUCT TO BE DEMOLISHED

PIPING LEGEND

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

ABBREVIATION	DESCRIPTION
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CA	COMPRESSED AIR
CD	CONDENSATE DRAIN
C02	CARBON DIOXIDE
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
FP	FIRE PROTECTION
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
HPC	HIGH PRESSURE CONDENSATE
MPC	MEDIUM PRESSURE CONDENSATE
LPC	LOW PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
MPS	MEDIUM PRESSURE STEAM
LPS	LOW PRESSURE STEAM
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
LPG	LIQUID PROPANE GAS
LPS	LOW PRESSURE STEAM
MA	MEDICAL AIR
NG	NATURAL GAS
NO	NITROUS OXIDE
O	OXYGEN
PC	PUMPED CONDENSATE
RG	REFRIGERANT GAS
RL	REFRIGERANT LIQUID
SMR	SNOW MELT RETURN
SMS	SNOW MELT SUPPLY
VAC	VACUUM

SYMBOL LEGEND - MECH

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	SQUARE OR RECTANGULAR SUPPLY DIFFUSER
	SQUARE OR RECTANGULAR RETURN DIFFUSER
	SQUARE OR RECTANGULAR EXHAUST DIFFUSER
	ROUND DIFFUSER
	LINEAR SLOT GRILLE OR DIFFUSER
	FLEXIBLE DUCT
	SIDEWALL GRILLE OR REGISTER
	DUCT HIGH EFFICIENCY TAKE OFF WITH BALANCING DAMPER
	BALANCING DAMPER
	FIRE DAMPER
	FIRE / SMOKE COMBINATION DAMPER
T S H	THERMOSTAT - SENSOR - HUMIDISTAT

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

(E)	EXISTING
(F)	FUTURE
AC	AIR CONDITION(-ING,-ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC
DP	DEPTH, DEEP, OR DROP IN PRESSURE
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT(-E, -ING, -ED, -OR)
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HTG	HEATING
HZ	HERTZ (FREQUENCY)
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTUR(-ER, -ED)
NC	NORMALLY CLOSED OR NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OZ	OUNCE
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPOLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
RA	RETURN AIR
RECIRC	RECIRCULATE (-ER, -ED, -ING)
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SH	SENSIBLE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
STD	STANDARD
SW	SOIL, WASTE
TA(R)	TRANSFER AIR (RETURN)
TA(S)	TRANSFER AIR (SUPPLY)
TD	TEMP. DROP OR DIFF.
TEMP	TEMPERATURE
TOT	TOTAL
TSTAT	THERMOSTAT
V	VOLT, VOLTAGE OR VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENT, VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VTR	VENT THROUGH ROOF
WB	WET BULB TEMP
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WTR	WATER

MECHANICAL GENERAL NOTES

1. THE MECHANICAL DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENT, & EXTENT OF THE MECHANICAL SYSTEM. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THESE DRAWINGS DO NOT SHOW ALL OFFSETS, BENDS, OR ELBOWS NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. CONTRACTOR SHALL MAKE ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE & OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT.
2. MAJOR DEVIATIONS SUCH AS CHANGES IN SIZES, WEIGHTS, QUANTITIES, OR MATERIAL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER.
3. THE DRAWINGS & SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER & SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE & NOT THE OTHER BEING FURNISHED & INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH DOCUMENTS.
4. THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODES, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, & ALL OTHER APPLICABLE CITY, COUNTY, STATE, & FEDERAL CODES & REGULATIONS IN EFFECT.
5. THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO ALL CODES, RULES, REGULATIONS, & REQUIREMENTS OF THE BUILDING OWNER.
6. ALL MECHANICAL COMPONENTS AND EQUIPMENT SHALL BE INSTALLED TO CONFORM WITH ANY APPLICABLE LOCAL SEISMIC REQUIREMENTS.
7. PRIOR TO FABRICATION & INSTALLATION OF ANY MECHANICAL COMPONENT THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.
8. VERIFY ALL REQUIRED SERVICE CONNECTIONS, INCLUDING ELECTRICAL CHARACTERISTICS, FOR ALL EQUIPMENT PRIOR TO ORDERING OR FABRICATING MECHANICAL EQUIPMENT AND COMPONENTS.
9. THE SPACE ABOVE CEILINGS IS LIMITED. CAREFUL COORDINATION IS REQUIRED WITH ALL TRADES BEFORE ANY PIPE, DUCT, OR EQUIPMENT IS ORDERED &/OR INSTALLED. ANY CONFLICTS &/OR CHANGES FOUND DURING INSTALLATION THAT RESULTS FROM THE LACK OF COORDINATION BY THE CONTRACTORS DURING THE SHOP DRAWING PROCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
10. ALL MECHANICAL INFORMATION IS NOT SHOWN ON THE MECHANICAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW & USE, WHERE APPROPRIATE, ALL THE MECHANICAL DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE MECHANICAL SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURAL MEMBERS. STRUCTURAL ELEMENTS SHOWN IN DETAILS MAY OR MAY NOT PERTAIN TO ANY PORTION OF THE BUILDING. COORDINATE ALL MOUNTING REQUIREMENTS WITH ARCHITECTURAL & STRUCTURAL DRAWINGS AND SPECIFICATIONS.
13. ALL MECHANICAL COMPONENTS AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ALL MANUFACTURER RECOMMENDATIONS.
14. ALL SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER. AIR INLETS & OUTLETS OF SIMILAR TYPES SHALL BE OF THE SAME MANUFACTURER.
15. ANY PART OF THE MECHANICAL INSTALLATION THAT FAILS, IS DEEMED UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EQUIPMENT CHECK-IN, SAFEKEEPING, & DAMAGE.
16. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS & GRILLES.
17. CONTRACTOR SHALL OPERATE INSTALLED &/OR MODIFIED SYSTEMS & DEMONSTRATE ALL ASPECTS OF THE SYSTEM TO THE ENGINEER &/OR OWNER TO PROVE ALL ASSOCIATED SYSTEMS ARE OPERATIONAL.
18. DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN A SET OF AS-BUILT REDLINED RECORD DRAWINGS AT THE PROJECT SITE. ALL CHANGES OR DEVIATIONS IN LAYOUT, ROUTING, EQUIPMENT, COMPONENTS, & ACCESSORIES SHALL BE RECORDED. THESE REDLINED DRAWINGS SHALL BE GIVEN TO THE ARCHITECT / ENGINEER AFTER THE FINAL INSPECTION IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

MECHANICAL SHEET INDEX

M001	MECHANICAL COVER SHEET
M101	MECHANICAL PLAN - LEVEL 01
M102	MECHANICAL PLAN - LEVEL 02
M501	MECHANICAL DETAILS
M502	MECHANICAL DETAILS
M503	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES
M701	MECHANICAL COMCHECK
M702	MECHANICAL COOLING CALCULATIONS
M703	MECHANICAL HEATING CALCULATIONS
ME101	AUTOMATIC TEMPERATURE CONTROL PLANS
ME701	AUTOMATIC TEMPERATURE CONTROL WIRING AND SCHEDULES
ME702	AUTOMATIC TEMPERATURE CONTROL WIRING
ME703	AUTOMATIC TEMPERATURE CONTROL WIRING
ME704	AUTOMATIC TEMPERATURE CONTROL WIRING
ME705	AUTOMATIC TEMPERATURE CONTROL WIRING

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10/10/2025
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

MECHANICAL COVER SHEET

M001

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SHEET KEYNOTES

1 REFER TO SHEET 2/M102 FOR CONTINUATION.

2 COMPRESSOR UNIT. PROVIDE MINIMUM 2'-0" CLEAR ALL AROUND. PROVIDE 30" MINIMUM CLEARANCE AT SERVICE SIDE. REFER TO SHEET M501 FOR REFRIGERANT PIPING SCHEMATIC AND DETAILS. TYPICAL FOR ALL UNITS.

3 ALL CEILING DIFFUSERS ARE 4-WAY BLOW UNLSESS SHOWN OTHERWISE. TYPICAL.

4 DUCT DROP IN CHASE FROM RETURN GRILLE IN WALL. RETURN GRILL IS MOUNTED LOW ON WALL NEAR FLOOR. REFER TO ARCHITECTURAL ELEVATION PLANS FOR EXACT PLACEMENT.

5 GAS METER LOCATION. PROVIDE 3'-0" MINIMUM CLEAR TO COMPRESSOR UNIT.

GENERAL SHEET NOTES

1. DRAWINGS SHOW GENERAL ARRANGEMENT OF PIPING, DUCTWORK, EQUIPMENT, ETC. FOLLOW AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND WORK OF OTHER TRADES WILL PERMIT. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, AND ACCESSORIES THAT MAY BE REQUIRED. INVESTIGATE STRUCTURAL AND FINISH CONDITIONS AFFECTING THIS WORK AND ARRANGE WORK ACCORDINGLY. PROVIDE SUCH FITTINGS, VALVES, AND ACCESSORIES REQUIRED TO MEET CONDITIONS.
2. ALL DUCT DIMENSIONS SHOWN ARE CLEAR DIMENSIONS INSIDE DUCT LINER.
3. WRAP ALL OUTSIDE AIR DUCTS WITH EXTERNAL INSULATION.
4. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATOIN OF GRILLES AND DIFFUSERS.

GENERAL SHEET NOTES

5. ALL PVC EQUIPMENT VENTS, PLUMBING VENTS, AND PENTHOUSE EXHAUST VENTS SHALL BE PAINTED TO MATCH ROOF COLOR.
6. MOUNT ALL DUCT SMOKE DETECTORS IN RETURN AIR STREAM ONLY. DO NOT MOUNT DOWNSTREAM OF MINIMUM OUTSIDE AIR CONNETION.
7. DO NOT ROUTE PIPES ABOVE ELECTRICAL PANELS. MAINTAIN CLEAR ACCESS SPACE IN FRONT OF ALL ELECTRICLA PANELS 4'-0" DEEP AND 6'-6" HIGH.
8. SEE SHEET M102 FOR CONTINUATION OF ALL DUCT RISERS.
9. COORDINATE WITH NATURAL GAS PIPING MAIN. SEE SHEET P601.

A1 MECHANICAL PLAN - LEVEL 01

1/8" = 1'-0"

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LEGACY FARMS LDS STAKE CENTER #501-4029

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BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	02.09.26

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MECHANICAL PLAN - LEVEL 01

M101

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SHEET KEYNOTES

1 REFER TO SHEET M101 FOR CONTINUATION. TYPICAL.

2 DUCT DROP IN CHASE. REFER TO M101 FOR CONTINUATION.

3 OUTSIDE AIR INTAKE. INSTALL ICE AND WATER SHIELD AT INTERIOR OF PLENUM. SLOPE BOTTOM TOWARDS EXTERIOR WALL. WRAP WITH SPECIFIED INSULATION.

4 REFER TO DETAIL H/M502 FOR ERV UNIT DAMPER REQUIREMENTS AND SUSPENDED MOUNTING. TYPICAL FOR ALL ERV'S.

5 MIXED AIR PLENUM AT INLET TO FAN UNIT. FULL SIZE. DUCT SIZE TO MATCH R/A CONNECTION SIZE. TYPICAL OF ALL FAN SYSTEMS.

6 REFER TO DETAILS A, B, AND D SHEET M503. TYPICAL.

SHEET KEYNOTES

7 REFER TO DETAIL G/M502 FOR EXTERNAL FILTER SECTION. TYPICAL OF ALL HORIZONTAL FAN SYSTEMS.

8 SIDEWALL SUPPLY GRILLE IS MOUNTED HIGH ON WALL NEAR THE CEILING. REFER TO ARCHITECTURAL ELEVATION PLANS FOR EXACT PLACEMENT.

9 REFER TO DETAIL F/M503 FOR OUTSIDE AIR CONTROLS.

10 INSTALL RIGID DUCT THROUGH FLOOR TO DIFFUSER. SEAL AT FLOOR PENETRATION. ROUTE DUCT AS CLOSE TO FLOOR AS POSSIBLE. TYPICAL.

11 CONCENTRIC VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAIL C AND D/M503. DO NOT BLOCK ACCESS WITH PIPING. TYPICAL FOR ALL FAN SYSTEMS. LOCATE VENTS ALIGNED ALONG BUILDING AXIS AND AWAY FROM ROOF PEAKS AND VALLEYS.

SHEET KEYNOTES

12 DUCT RISE UP INTO TRUSS SPACE.

13 RUN DUCTWORK BELOW CATWALK AND BOTTOM CHORD OF ROOF TRUSS.

14 RUN DUCTWORK IN TRUSS SPACE AND BETWEEN TRUSS WEBS. TYPICAL OF UPPER SUPPLY DUCTWORK FOR CHAPEL AND CULTURAL CENTER.

15 EXHAUST AIR PLENUM.

16 30"X68" BACKDRAFT DAMPER.

17 DUCT RUSE UP TO ABOVE PLATFORM CEILING.

18 ERV-2A - 12" Ø EA OVER ERV-1A - 12" Ø OA OVER ERV-1A - 12" Ø EA.

SHEET KEYNOTES

19 ERV-2C - 12" Ø EA OVER ERV-1C - 12" Ø OA OVER ERV-1C - 12" Ø EA.

20 ERV-2A - 12" Ø OA OVER ERV-2A - 12" Ø EA.

21 ERV-2C - 12" Ø OA OVER ERV-2C - 12" Ø EA.

22 FURNACES STACKED TWO-HIGH.

23 GRILLE TO BE MOUNTED IN THE SOFFIT ABOVE THE ENTRANCE DOORS.

24 CONCENTRIC VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAIL F AND G/P501. DO NOT BLOCK ACCESS WITH PIPING. TYPICAL FOR WATER HEATER SYSTEMS. LOCATE VENTS ALIGNED ALONG BUILDING AXIS AND AWAY FROM ROOF PEAKS AND VALLEYS.

25 PROVIDE A BACKDRAFT DAMPER AT EACH FURNACES RETURN DUCT CONNECTION TO THE COMMON RETURN AIR PLENUM.

A1 MECHANICAL PLAN - LEVEL 02

1/8" = 1'-0"

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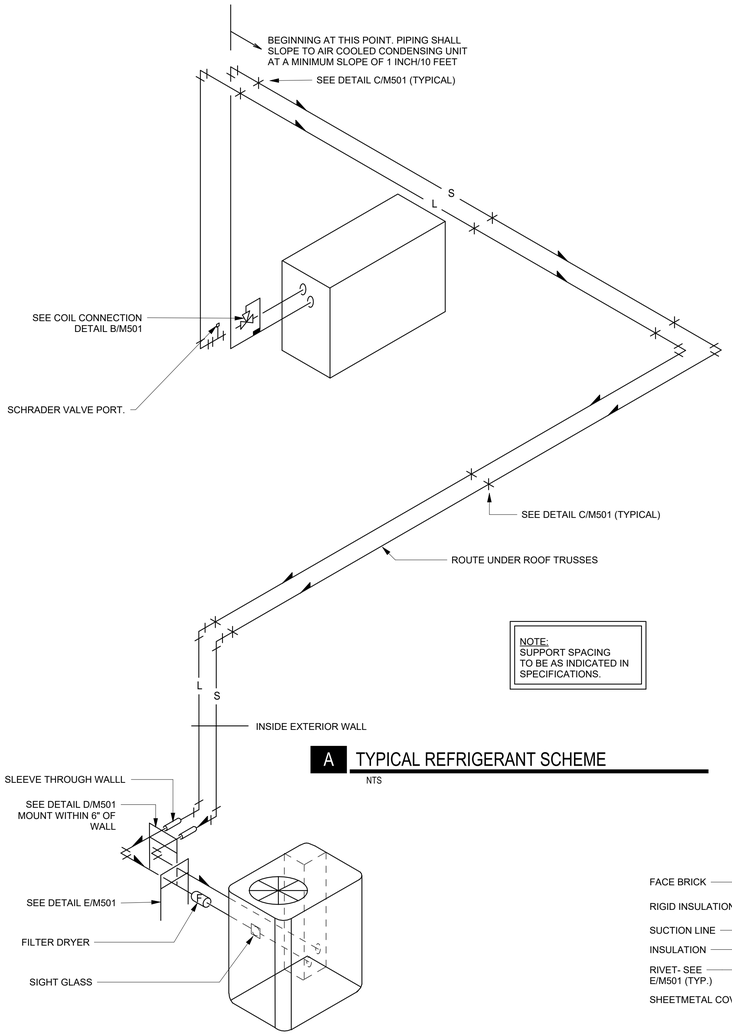
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DATE:	02.09.26

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MECHANICAL PLAN - LEVEL 02

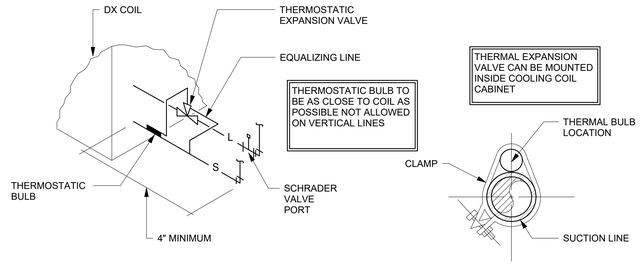
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A TYPICAL REFRIGERANT SCHEME

NTS



B REFRIGERANT COIL CONNECTION DETAIL

NTS

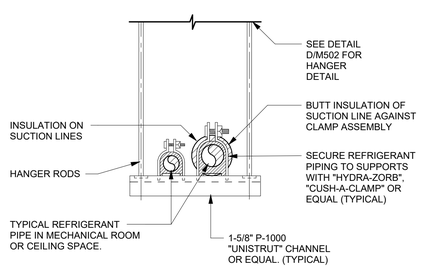
REFRIGERANT PIPING LEGEND

SYMBOL	DESCRIPTION
	EXPANSION VALVE. SEE DETAIL B/M501
	MOISTURE INDICATING SIGHT GLASS
	FLEXIBLE CONNECTION
F	FILTER DRIER
	PIPE SUPPORT. SEE DETAIL C/M501
	EXTERIOR PIPE SUPPORT. SEE DETAIL D/M501 AND E/M501
	DIRECTION OF SLOPE DOWN
S	SUCTION LINE
L	LIQUID LINE
	SCHRADER VALVE PORT

REFRIGERANT LINE SIZES

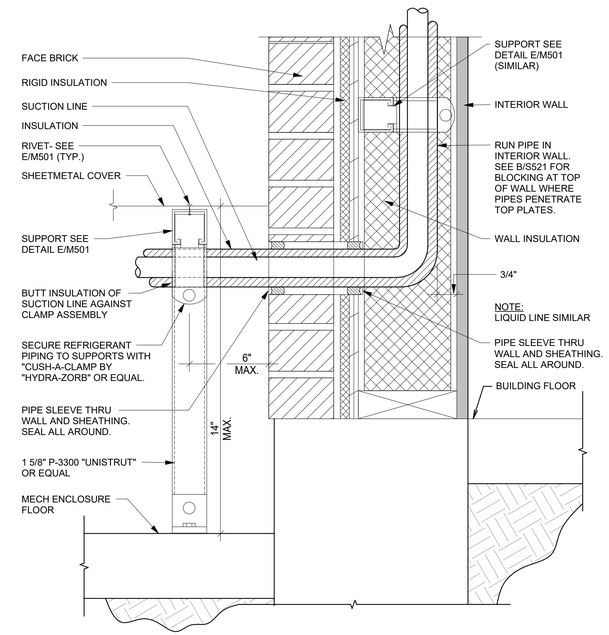
SYSTEM SIZE	LIQUID	SUCTION
2.0 TON	3/8"	3/4"
2.5 TON	3/8"	3/4"
3.0 TON	3/8"	7/8"
3.0 TON	3/8"	7/8"
4.0 TON	3/8"	7/8"
5.0 TON	3/8"	1 1/8"

*REFER TO COMPRESSOR UNIT SCHEDULE ON SHEET M601 FOR SYSTEM SIZES.



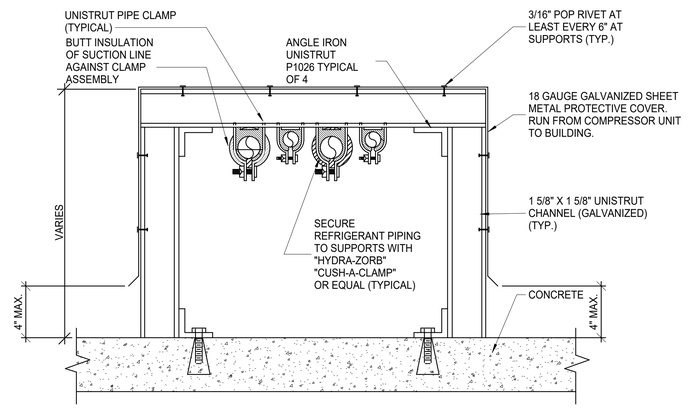
C SUSPENDED REFRIGERANT PIPE SUPPORT AT CEILING

NTS



D REFRIGERANT PIPE SUPPORT AT WALL DETAIL

NTS



E EXTERIOR REFRIGERANT PIPE SUPPORT DETAIL

NTS

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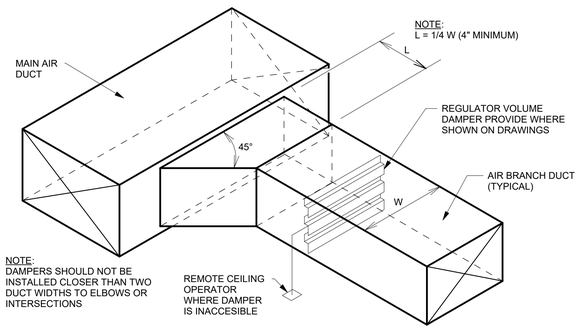
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MECHANICAL DETAILS

M501

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A SUPPLY OR RETURN AIR DUCT BRANCH CONNECTION DETAIL

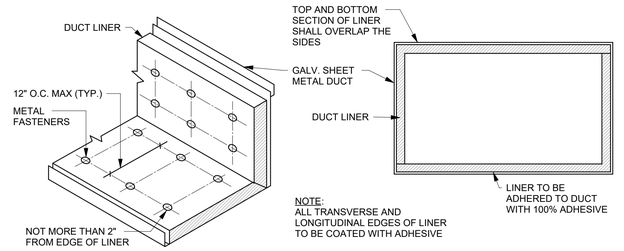
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DIMENSION OF LONGEST SIDE (INCHES)	SHEET METAL GAGE (ALL FOUR SIDES)	TRANSVERSE REINFORCING (1)					
		MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS AND/OR INTERMEDIATE REINFORCING	AT JOINTS				
			MIN. H. (IN)	DRIVE SLIP 'PLAIN' S' SLIP	HEMMED 'S' SLIP	ALTER'NT BAR SLIP	REIN-FORCED BAR SLIP
				RECOM-MENDED GAGE	RECOM-MENDED GAGE	RECOM-MENDED GAGE	RECOM-MENDED GAGE
UP THRU 12	26	NONE REQUIRED	1	26	26	24	24
13 - 18	24	NONE REQUIRED	1	24	24	24	24
19 - 30	24	1"x1"x1/8" @ 60 IN	1	-	24	24	24
31 - 36	22	1"x1"x1/8" @ 60 IN	1	-	-	22	22

1. TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.
2. LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

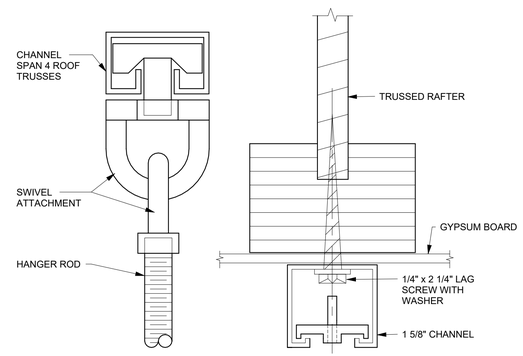
B DUCT CONSTRUCTION DETAIL

NTS



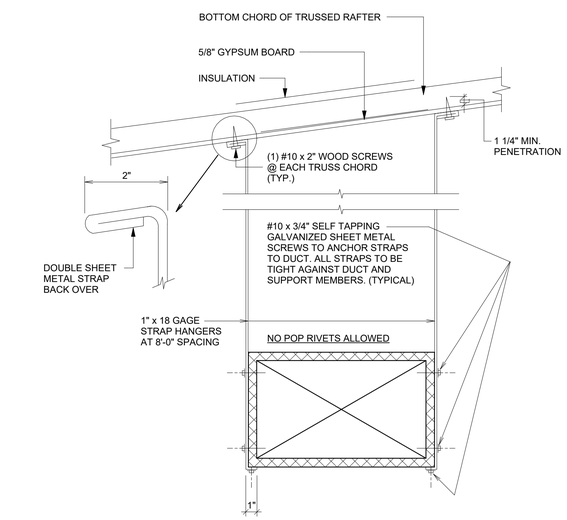
C DUCT LINER DETAIL

NTS



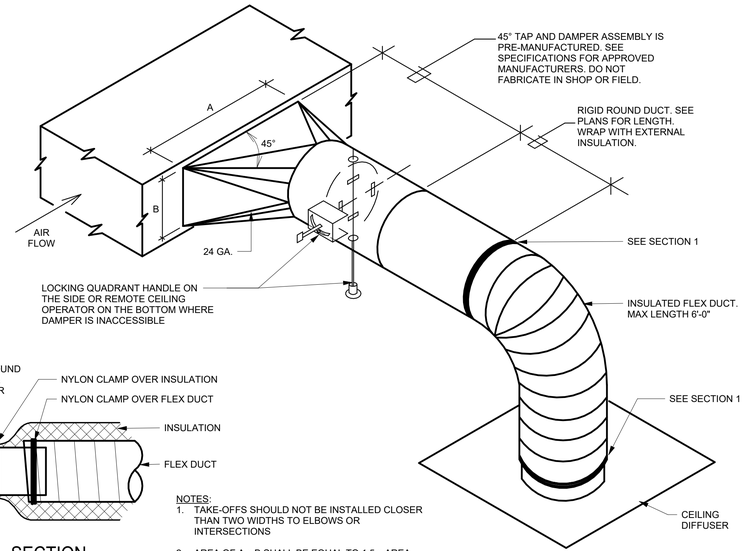
D UPPER ATTACHMENT DETAIL

NTS



E DUCT STRAP HANGER DETAIL

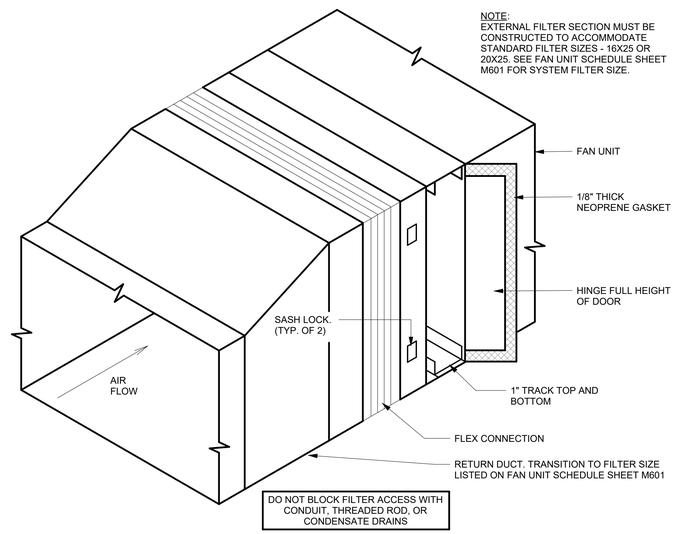
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1 SECTION

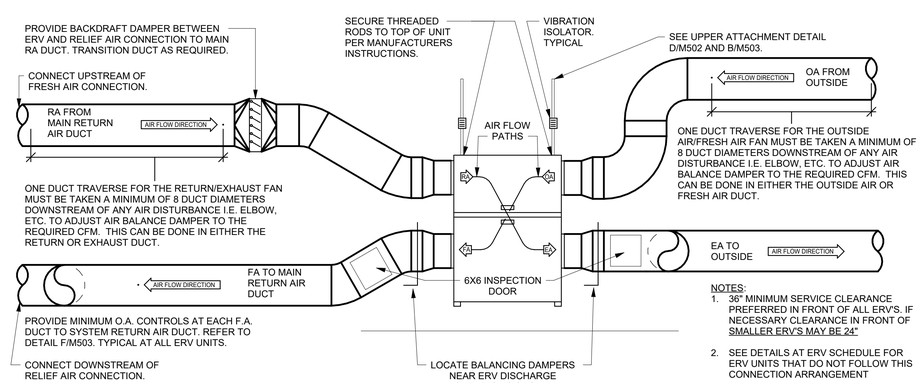
F SQUARE TO ROUND TAKE-OFF DETAIL

12" = 1'-0"



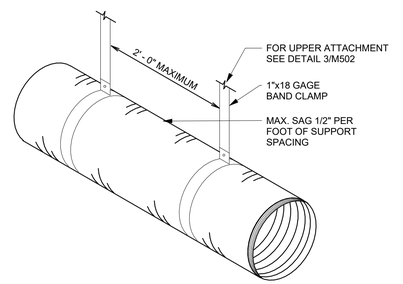
G EXTERNAL FILTER SECTION DETAIL

NTS



H TYPICAL ERV DAMPERING DETAIL

12" = 1'-0"



J FLEXIBLE DUCT SUPPORT DETAIL

12" = 1'-0"

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CARL G. GATRELL
10/10/2025
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

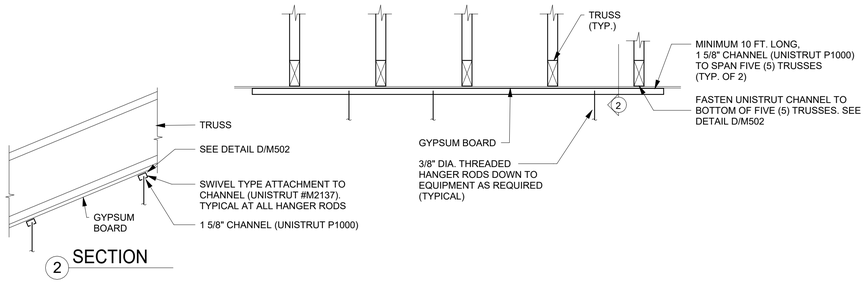
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

MECHANICAL DETAILS

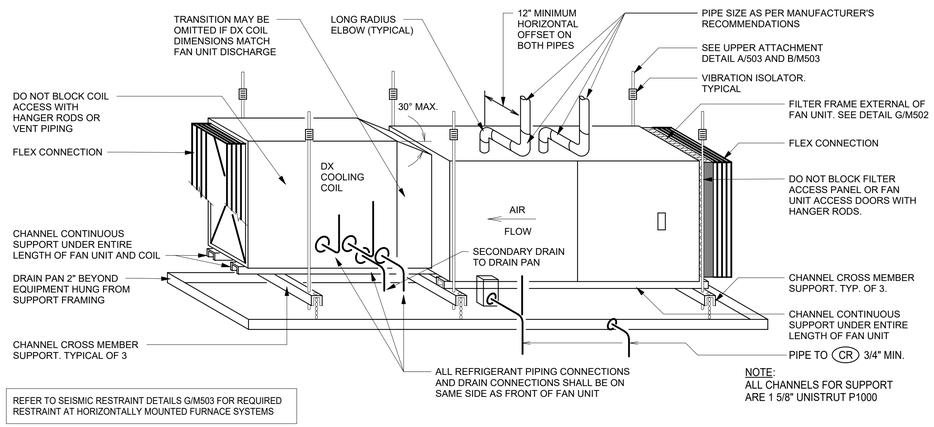
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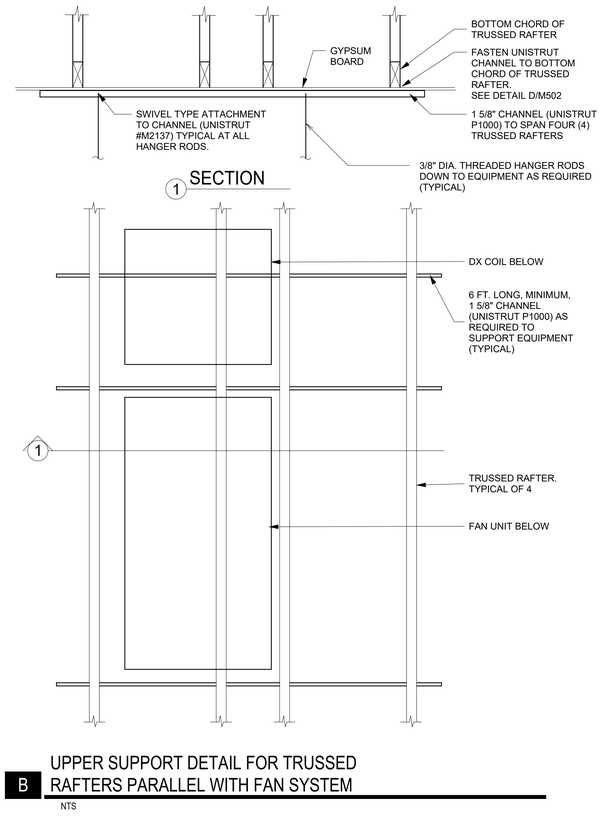
A UPPER SUPPORT DETAIL FOR TRUSSED RAFTERS PERPENDICULAR WITH FAN SYSTEM

NTS



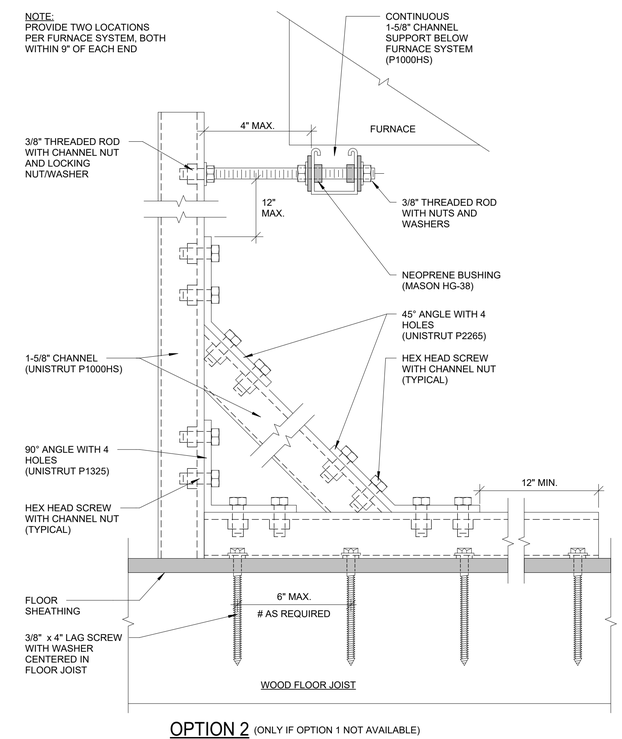
D FAN UNIT SUPPORT DETAIL

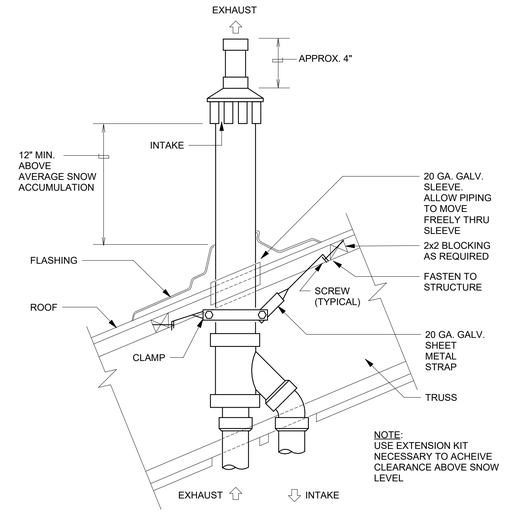
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B UPPER SUPPORT DETAIL FOR TRUSSED RAFTERS PARALLEL WITH FAN SYSTEM

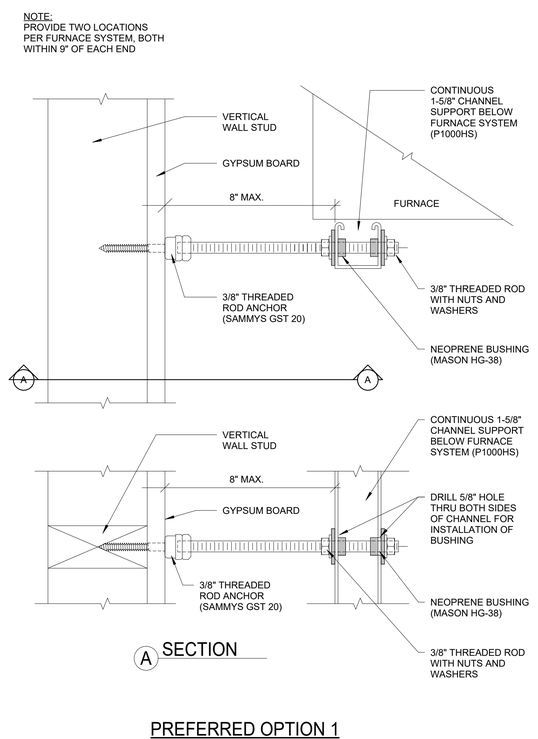
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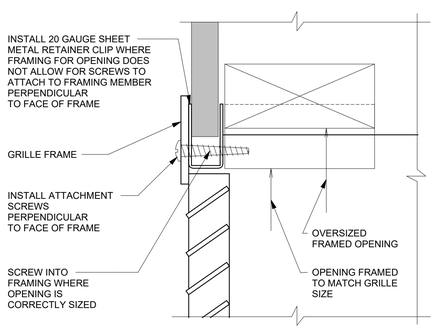




C CONCENTRIC ROOF TERMINATION DETAIL

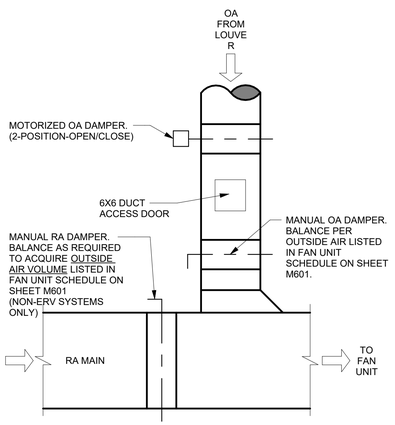
NTS





E GRILLE ATTACHMENT DETAIL

NTS



F TYPICAL OUTSIDE AIR DUCT DETAIL

NTS

G HORIZONTAL FURNACE SEISMIC RESTRAINT DETAIL

NTS

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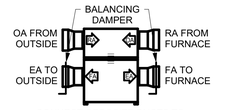
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	10.10.25

REV	DATE	DESCRIPTION

MECHANICAL DETAILS

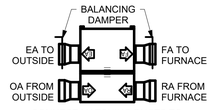
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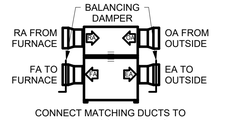
CONNECT OPPOSITE DUCTS TO LABELED CONNECTIONS

OPPOSITE ERV-UNITS: ERV-4a, ERV-11 & ERV-12



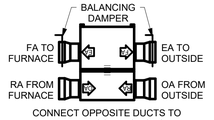
CONNECT MATCHING DUCTS TO LABELED CONNECTIONS

INVERTED ERV-UNITS: ERV-1a & ERV-2a



CONNECT MATCHING DUCTS TO LABELED CONNECTIONS

ERV-UNITS: NOT USED



CONNECT OPPOSITE DUCTS TO LABELED CONNECTIONS

INVERTED ERV-UNITS: ERV-1c, ERV-2c & ERV-3b

ENERGY RECOVERY VENTILATOR INSTALLATION DIAGRAMS

DESIGN CONDITIONS	OUTSIDE	INSIDE
WINTER	8.8°F	70°F
SUMMER	95.2°F DB, 62.5°F WB	75°F DB, 64°F WB

GENERAL NOTES:

1. THE MECHANICAL CONTRACTOR SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWINGS BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS. MOTOR NAME PLATE VOLTAGE SHALL BE NEMA STANDARD 200 VOLT FOR 208 VOLT THREE PHASE SYSTEM AND SHALL BE NEMA STANDARD 230 VOLT FOR 240 VOLT THREE PHASE OR SINGLE PHASE SYSTEM. STARTER HEATERS INSTALLED SHALL BE COORDINATED WITH THE NAME PLATE DATA.
2. S.C.F.M. LISTED IS STANDARD AIR. A.F.C.M. LISTED IS ACTUAL AIR AT ELEVATION NOTED.
3. GENERAL CONTRACTOR SHALL HIRE A 3RD PARTY COMMISSIONING AGENT TO COMMISSION NEW HVAC EQUIPMENT. COMMISSIONING AGENT SHALL BE LICENSED MECHANICAL ENGINEER. COMMISSIONING AGENT TO PROVIDE COMMISSIONING PLAN LISTING EQUIPMENT AND TEST TO BE PERFORMED TO ENGINEER FOR REVIEW. COMMISSIONING AGENT SHALL PROVIDE REPORT STATING ANY SYSTEM DEFICIENCIES AND LISTING ANY DEFERRED TESTS.

ENERGY RECOVERY VENTILATOR

MARK	CFM	ELECTRICAL				REMARKS
		FLA	MCA	VOLTAGE	PHASE	
ERV-1a	835	17.2	19.4	115	1	ALL
ERV-1c	840	17.2	19.4	115	1	ALL
ERV-2a	470	17.2	19.4	115	1	ALL
ERV-2c	475	17.2	19.4	115	1	ALL
ERV-3b	365	17.2	19.4	115	1	ALL
ERV-4	750	17.2	19.4	115	1	ALL
ERV-11	525	17.2	19.4	115	1	ALL
ERV-12	460	17.2	19.4	115	1	ALL

1. RENEWAIRE MODEL HE1XINV. TWO 0.75 HP FANS. 25 MAX. FUSE SIZE.
2. ENERGY RECOVERY VENTILATOR MARKS CORRESPOND WITH FAN UNIT MARKS.
3. SEE ERV INSTALLATION DIAGRAMS BELOW.

EXHAUST FAN SCHEDULE

MARK	SERVES ROOM	MIN. A.C.F.M.	STATIC PRESSURE IN. W.G.	WATTS	REMARKS
EF-1	TECHNOLOGY [133]	150	0.250	130 W	SEE NOTES 1,2,3,4,5
EF-2	FAMILY RESTROOM [137]	70	0.500	100 W	SEE NOTES 1,2,3,4
EF-3	FAMILY RESTROOM [167]	70	0.500	100 W	SEE NOTES 1,2,3,4
EF-4	SERVING AREA [150]	200	0.700	166 W	SEE NOTES 1,2,3,4
EF-5	CUSTODIAL [151]	75	0.700	130 W	SEE NOTES 1,2,3,4
EF-6	FAMILY RESTROOM [121]	70	0.700	130 W	SEE NOTES 1,2,3,4
EF-7	MOTHER'S ROOM [135]	70	0.375	100 W	SEE NOTES 1,2,3,4
EF-8	FONT [110]	300	0.375	166 W	SEE NOTES 1,2,3,4
EF-9	WOMEN RESTROOM [108]	560	0.700	330 W	SEE NOTES 1,2,3,4
EF-10	MEN RESTROOM [104]	420	0.700	330 W	SEE NOTES 1,2,3,4
EF-11	FAMILY RESTROOM [106]	70	0.700	100 W	SEE NOTES 1,2,3,4

1. SET BALANCE DAMPERS SHOWN ON M101 TO CFM LISTED
2. PROVIDE BACKDRAFT DAMPER
3. CONTROL BY DIVISION 26
4. VOLTAGE IS 115V/1PHASE/60HZ
5. LINE VOLTAGE THERMOSTAT CONTROL ACCESSORY THERMOSTAT BY DIVISION 23, INSTALLED BY DIV 26.

DIFFUSER SCHEDULE

MARK	QUANTITY	CFM RANGE	DIFFUSER SIZE	NECK CONN.	BLOW	PATTERN	AIR DIST. / SIDE		REMARKS
							A (%)	B (%)	
D-1	24	60 - 120	6x6	6"ø	4-WAY U.N.O		--	--	SEE NOTES 1,2,3
D-2	26	125 - 240	9x9	8"ø	4-WAY U.N.O		--	--	SEE NOTES 1,2,3
D-3	27	245 - 380	12x12	10"ø	4-WAY U.N.O		--	--	SEE NOTES 1,2,3
D-4	3	385 - 470	12x12	12"ø	4-WAY U.N.O		--	--	SEE NOTES 1,2,3
D-6	20	675 - 900	21x15	21"x15"	3-WAY		35	33	SEE NOTES 1,2,3

1. MAXIMUM NC = 25 @ MAXIMUM CFM NOTED
2. SHALL BE TITUS TDC TYPE 6 OR EQUAL BY OTHER APPROVED MANUFACTURERS (SEE SPECIFICATIONS)
3. FINISH SHALL BE OFF-WHITE BAKED ENAMEL
4. SHALL BE TITUS 350FL OR EQUAL BY OTHER APPROVED MANUFACTURERS (SEE SPECIFICATIONS)

REGISTER, LOUVER & GRILLE SCHEDULE

MARK	QUANTITY	TYPE	SERVICE	CFM RANGE	MAX NC	NOMINAL SIZE	REMARKS
	1						
L-1	2	LOUVER	EA	1345 - 1625	25	36x24	SEE NOTES 1,6,10,13
L-2	2	LOUVER	OA	1635 - 2230	25	60x36	SEE NOTES 1,6,9,10
L-3	1	LOUVER	EA	2825	25	30x68	SEE NOTES 1,6,10,13,14
R-1	21	CEILING	RA	60 - 220	25	8x8	SEE NOTES 1,12
R-2	9	CEILING	RA	225 - 350	25	10x10	SEE NOTES 1,2
R-3	6	CEILING	RA	355 - 520	25	12x12	SEE NOTES 1,2
R-4	6	CEILING	RA	525 - 920	25	16x16	SEE NOTES 1,2
R-5	4	CEILING	TRANSFER AIR	250 - 500	25	12x12	SEE NOTES 1,2
RG-1	2	SIDEWALL	RA	1670 - 3300	25	24x36	SEE NOTES 1,3,4,8,12
RG-2	2	SIDEWALL	RA	400 - 940	25	18x12	SEE NOTES 1,3,4,8,12
RG-3	4	SIDEWALL	RA	1800 - 4000	25	36x36	SEE NOTES 1,3,4,8,12
RG-4	1	SIDEWALL	RA	835 - 1800	25	24x18	SEE NOTES 1,3,4,8,12
SG-1	2	SIDEWALL	SA	540 - 1200	25	24x12	SEE NOTES 1,2,7
SG-2	2	SOFFIT GRILLE	OA	1515 - 1825	30	36x16	SEE NOTES 1,6,10

1. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS
2. FINISH SHALL BE OFF-WHITE BAKED ENAMEL
3. BAKED ENAMEL FINISH WITH COLOR AS DIRECTED BY ARCHITECT
4. RETURN AIR GRILLE TO BE MOUNTED 8" FROM FLOOR TO BOTTOM EDGE OF GRILLES
5. BAKED ENAMEL FINISH TO MATCH ROOF COLOR OR COLOR AS DIRECTED BY ARCHITECT
6. PROVIDE ALUMINUM BIRD SCREEN OR INSECT SCREEN. SEE SPECIFICATIONS
7. SET REGISTER BLADES FOR 15° UPWARD DEFLECTION
8. BLADE ORIENTATION SHALL BE HORIZONTAL
9. MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 400 FT/MIN.
10. FINISH COLOR, AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH
11. ON STORAGE BUILDING. NOT CONNECTED TO DUCTWORK. SEE ELEVATION F/C801
12. REFER TO DETAIL E/M503 FOR GRILLE INSTALLATION
13. MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 600 FT/MIN.
14. SEE ARCHITECTURAL ELEVATIONS FOR EXACT DIMENSIONS AND SHAPE

FAN UNIT SCHEDULE (GAS FIRED FURNACE)

MARK	MIN. REQ'D OUTPUT BTU/H	MINIMUM A.C.F.M.	MINIMUM O.A.	EXT. S.P. (IN.W.G.)	STANDARD FILTER SIZE	MOTOR		REMARKS
						MINIMUM H.P.	SPEED	
F-1a	51000	1,800	415	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-1b	51000	1,800	420	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-1c	51000	1,800	420	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-1d	51000	1,800	420	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-2a	51000	1,800	235	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-2b	51000	1,800	235	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-2c	51000	1,800	235	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-2d	51000	1,800	240	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-3a	51000	1,800	0	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-3b	51000	1,800	365	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-4	51000	1,800	750	0.60	1x24x25	1	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-5	38000	1,000	110	0.60	1x24x25	0.5	SEE REMARKS	SEE NOTES 1,2,3,4,5,7,8,9,10
F-6	38000	1,000	125	0.60	1x24x25	0.5	SEE REMARKS	SEE NOTES 1,2,3,4,5,7,8,9,10
F-8	38000	1,200	385	0.60	1x24x25	0.5	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-9	51000	1,600	605	0.60	1x24x25	1	SEE REMARKS	SEE NOTES 1,2,3,4,5,7,8,9,10
F-10	38000	1,200	340	0.60	1x24x25	0.5	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-11	51000	1,800	525	0.60	1x24x25	1	SEE REMARKS	SEE NOTES 1,2,3,4,5,7,8,9,10
F-12	51000	1,600	460	0.60	1x24x25	1	SEE REMARKS	SEE NOTES 1,2,3,4,5,7,8,9,10
F-13	38000	800	60	0.60	1x24x25	0.5	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-14	38000	1,200	255	0.60	1x24x25	0.5	SEE REMARKS	SEE NOTES 1,2,3,4,5,7,8,9,10

1. BTU/H OUTPUT AT SEA LEVEL RATING
2. FURNACE MARKS CORRESPOND WITH CONDENSING UNIT AND COOLING COIL MARKS
3. TWO STAGE HEAT FURNACE: HIGH/LOW
4. VARIABLE SPEED ECM MOTOR
5. ELECTRICAL CHARACTERISTICS - MOTOR: 115V/1PHASE/60HZ
6. FIXED SPEEDS, CONSTANT TORQUE ECM MOTOR.
7. SET FAN MOTOR SPEED TAP TO LOWEST POSSIBLE SETTING REQUIRED TO ACHIEVE DESIGN AIR FLOW
8. SEE DETAIL G/M502
9. SEE SPECIFICATION FOR APPROVED MANUFACTURERS
10. 95% MINIMUM AFUE

COMPRESSOR UNIT SCHEDULE (COOLING ONLY)

MARK	MIN. NOMINAL SIZE (TONS)	COMPRESSOR RATED LOAD AMPS	FAN FULL LOAD AMPS	MIN. CIRCUIT AMPS	MOCP	REMARKS
CU-1a	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-1b	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-1c	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-1d	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-2a	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-2b	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-2c	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-2d	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-3a	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-3b	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-4	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-5	2.5	12.8	0.8	16.8	25	SEE NOTES 1,2,3,4,5,6
CU-6	2.5	12.8	0.8	16.8	25	SEE NOTES 1,2,3,4,5,6
CU-8	3.0	13.6	1.1	18.1	30	SEE NOTES 1,2,3,4,5,6
CU-9	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-10	3.0	13.6	1.1	18.1	30	SEE NOTES 1,2,3,4,5,6
CU-11	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-12	4.0	15.5	1.4	20.8	40	SEE NOTES 1,2,3,4,5,6
CU-13	2.0	10.9	0.5	14.1	20	SEE NOTES 1,2,3,4,5,6
CU-14	3.0	13.6	1.1	18.1	30	SEE NOTES 1,2,3,4,5,6

1. REFRIGERANT R-454b OR R-32.
2. AT DESIGN CONDITIONS AND 100°F ENTERING AIR TEMPERATURE TO CONDENSER
3. CONDENSING UNIT MARKS CORRESPOND WITH DX COIL AND FURNACE MARKS
4. ELECTRICAL CHARACTERISTICS-COMPRESSOR: 208V/1PHASE/60HZ
5. SEE SPECIFICATION FOR APPROVED MANUFACTURERS. 13.0 SEER MINIMUM (13.4 SEER2 MINIMUM)
6. COORDINATE ACTUAL ELECTRICAL RATINGS OF UNIT SUPPLIED WITH DIVISION 26

DX COIL SCHEDULE

MARK	CALCULATED COOLING LOAD		EVAPORATOR ENT. CONDITIONS		S.C.F.M / A.C.F.M.	MAX. PR. DR. IN. W.G.	REMARKS
	TOTAL BTU/H	SENSIBLE BTU/H	DB °F	WB °F			
CC-1a	53,310	40,488	49.7	63.7	1,800/1,487	0.24	SEE NOTES 1,2,3,4
CC-1b	53,284	40,580	79.7	63.7	1,800/1,487	0.24	SEE NOTES 1,2,3,4
CC-1c	53,284	40,580	79.7	63.7	1,800/1,487	0.24	SEE NOTES 1,2,3,4
CC-1d	53,284	40,580	79.7	63.7	1,800/1,487	0.24	SEE NOTES 1,2,3,4
CC-2a	54,254	37,171	77.6	63.8	1,800/1,493	0.24	SEE NOTES 1,2,3,4
CC-2b	54,254	37,171	77.6	63.8	1,800/1,493	0.24	SEE NOTES 1,2,3,4
CC-2c	54,254	37,171	77.6	63.8	1,800/1,493	0.24	SEE NOTES 1,2,3,4
CC-2d	54,228	37,263	77.7	63.8	1,800/1,492	0.24	SEE NOTES 1,2,3,4
CC-3a	55,487	32,841	75.0	64.1	1,800/1,500	0.24	SEE NOTES 1,2,3,4
CC-3b	53,572	39,567	79.1	63.7	1,800/1,489	0.24	SEE NOTES 1,2,3,4
CC-4	51,553	46,661	83.4	63.4	1,800/1,477	0.24	SEE NOTES 1,2,3,4
CC-5	30,249	20,272	77.2	63.9	1,000/830	0.24	SEE NOTES 1,2,3,4
CC-6	30,170	20,548	77.5	63.8	1,000/829	0.24	SEE NOTES 1,2,3,4
CC-8	34,972	28,988	81.5	63.5	1,200/988	0.24	SEE NOTES 1,2,3,4
CC-9	47,171	36,747	80.2	63.7	1,600/1,320	0.24	SEE NOTES 1,2,3,4
CC-10	35,208	28,159	80.7	63.6	1,200/989	0.24	SEE NOTES 1,2,3,4
CC-11	52,733	42,515	80.9	63.6	1,800/1,484	0.24	SEE NOTES 1,2,3,4
CC-12	46,909	37,668	80.8	63.6	1,600/1,319	0.24	SEE NOTES 1,2,3,4
CC-13	24,346	15,701	76.5	63.9	800/665	0.24	SEE NOTES 1,2,3,4
CC-14	35,654	26,593	79.3	63.7	1,200/992	0.24	SEE NOTES 1,2,3,4

1. COMPLETE WITH FACTORY COIL BOX AND COIL
2. WET COIL
3. 4,600 FEET ELEVATION
4. SEE SPECIFICATION FOR APPROVED MANUFACTURERS

ELECTRIC WALL HEATER SCHEDULE

MARK	SERVES	KW OUTPUT	Ø	HERTZ	VOLTS	AMPS	REMARKS
EH-1	FIRE RISER [141]	2.2	1	60	208	10.0	SEE NOTE 1

1. QMARK MODEL QFGC22281F WITHOUT BUILT IN THERMOSTAT

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LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 02.09.26

REV	DATE	DESCRIPTION

MECHANICAL SCHEDULES

M601

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COMcheck Software Version COMcheckWeb
Mechanical Compliance Certificate

Project Information

Energy Code:	2021 IECC
Project Title:	Legacy Farms LDS Stake Center #501-4029
Location:	Spanish Fork, Utah
Climate Zone:	5b
Project Type:	New Construction

Construction Site:
2107 E Heritage Drive
Spanish Fork, Utah 84660

Owner/Agent:
The Church of Jesus Christ of Latter-Day Saints

Designer/Contractor:
Carl Gatrell
Spectrum Engineers
324 South State Street, Suite #400
Salt Lake City, Utah 84111
702-886-2600
Carl.Gatrell@SpecEng.com

Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

Mechanical Systems List

Quantity	System Type & Description
4	F-1a~d (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 88 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 48 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1800 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 1 Supply, Constant Volume, 1800 CFM, 1.0 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
4	F-2a~d (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 88 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 48 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1800 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 1 Supply, Constant Volume, 1800 CFM, 1.0 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
2	F-3a~b (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 88 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 48 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1800 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 1 Supply, Constant Volume, 1800 CFM, 1.0 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment

Quantity	System Type & Description
1	F-4 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 88 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 48 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1800 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 1 Supply, Constant Volume, 1800 CFM, 1.0 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
1	F-5 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 30 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1000 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 8 Supply, Constant Volume, 1000 CFM, 0.5 motor nameplate hp, 0.00 fan energy index , fan exception: Single fan < 1 HP or < 0.89 kW
1	F-6 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 30 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1000 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 8 Supply, Constant Volume, 1000 CFM, 0.5 motor nameplate hp, 0.00 fan energy index , fan exception: Single fan < 1 HP or < 0.89 kW
1	F-7 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 24 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 800 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 7 Supply, Constant Volume, 800 CFM, 0.5 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
1	F-8 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 36 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1200 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 3 Supply, Constant Volume, 1200 CFM, 0.5 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
1	F-9 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 88 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 48 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours

Quantity	System Type & Description
	Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1600 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 4 Supply, Constant Volume, 1600 CFM, 1.0 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
1	F-10 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 36 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1200 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 3 Supply, Constant Volume, 1200 CFM, 0.5 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
1	F-11 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 88 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 48 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1800 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 1 Supply, Constant Volume, 1800 CFM, 1.0 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
1	F-12 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 88 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 48 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1600 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 4 Supply, Constant Volume, 1600 CFM, 1.0 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
1	F-13 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 24 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 800 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 7 Supply, Constant Volume, 800 CFM, 0.5 motor nameplate hp, 0.00 fan energy index , fan exception: Part of code listed equipment
1	F-14 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Split System, Capacity = 36 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: Low Operating Hours Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: 1200 CFM -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: FAN 3 Supply, Constant Volume, 1200 CFM, 0.5 motor nameplate hp, 0.00 fan energy index , fan exception: Part of

Quantity	System Type & Description
	code listed equipment
1	EH-1 (Unknown w/ PerimeterSystem): Heating: 1 each - Unit Heater, Electric, Capacity = 7 kBtu/h No minimum efficiency requirement applies
1	WH-1: Gas Storage Water Heater, Capacity: 55 gallons, Input Rating: 100 kBtu/h w/ Circulation Pump Proposed Efficiency: 94.00 % Et, Required Efficiency: 80.00 % Et
1	WH-2: Gas Instantaneous Water Heater, Capacity: 1 gallons, Input Rating: 199 kBtu/h No minimum efficiency requirement applies
2	WH-3: Electric Instantaneous Water Heater, Capacity: 1 gallons No minimum efficiency requirement applies

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Carl Gatrell, PE - Associate — Name - Title
Signature
8/22/2025 — Date

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PROFESSIONAL ENGINEER
No. 11709808212202
CARL G. GATRELL
10/10/2025
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029
2107 E HERITAGE DR, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

MECHANICAL COMCHECK

M701

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PEAK COOLING LOADS

MAIN SYSTEM

By Spectrum Engineers

System	Zone	Room		Floor Area ft²	SPACE Peak Time Mo/Hr	SPACE OA Condition DB °F	SPACE OA Condition WB °F	SPACE Room Dry Bulb °F	SPACE Supply Dry Bulb °F	SPACE Space Air Flow cfm	SPACE Space Sensible Load Btu/h	SPACE Space Latent Load Btu/h	COIL Peak Time Mo/Hr	COIL OA Condition DB °F	COIL OA Condition WB °F	COIL Supply Dry Bulb °F	COIL Coil Airflow cfm	COIL Coil Sensible Load Btu/h	COIL Coil Latent Load Btu/h
Alternative 1																				
		163 - SACRAMENT PREPARATION	Peak	77	8/12	82	56	75.0	55.0	63	1,184	108	7/13	92	61	56.4	63	1,521	53
		190 - ROSTRUM	Peak	1,070	7/17	92	59	75.0	55.0	1,088	20,596	5,145	7/15	95	63	55.4	1,088	28,725	2,315
		191 - CHAPEL	Peak	2,065	7/17	92	59	75.0	55.0	3,502	66,298	27,510	7/15	95	63	55.0	3,502	94,583	10,588
F-01			**Peak**	**3,212**		**92**	**59**	**75.0**	**55.0**	**4,653**	**88,078**	**32,763**		**95**	**63**	**55.1**	**4,653**	**124,830**	**12,956**
F-01			**Block**	**3,212**	**7/17**	**92**	**59**	**75.0**	**55.0**	**4,653**	**87,624**	**32,763**	**7/15**	**95**	**63**	**55.2**	**4,653**	**124,631**	**12,963**
		192 - CULTURAL CENTER	Peak	2,897	7/17	92	59	75.0	55.0	4,734	89,606	79,668	7/15	95	63	55.0	4,734	109,729	53,904
F-02			**Peak**	**2,897**		**92**	**59**	**75.0**	**55.0**	**4,734**	**89,606**	**79,668**		**95**	**63**	**55.0**	**4,734**	**109,729**	**53,904**
F-02			**Block**	**2,897**	**7/17**	**92**	**59**	**75.0**	**55.0**	**4,734**	**89,606**	**79,668**	**7/15**	**95**	**63**	**55.0**	**4,734**	**109,729**	**53,904**
		193 - CULTURAL CENTER	Peak	1,126	7/17	92	59	75.0	55.0	1,840	34,827	30,965	7/15	95	63	55.0	1,840	42,649	20,951
F-03			**Peak**	**1,126**		**92**	**59**	**75.0**	**55.0**	**1,840**	**34,827**	**30,965**		**95**	**63**	**55.0**	**1,840**	**42,649**	**20,951**
F-03			**Block**	**1,126**	**7/17**	**92**	**59**	**75.0**	**55.0**	**1,840**	**34,827**	**30,965**	**7/15**	**95**	**63**	**55.0**	**1,840**	**42,649**	**20,951**
		121 - FAMILY RESTROOM	Peak	99	7/17	92	59	75.0	55.0	20	378	0	7/17	92	59	55.0	20	510	0
		123 - MOTHERS ROOM	Peak	124	7/17	92	59	75.0	55.0	36	691	173	7/15	95	63	55.3	36	1,026	88
		151 - CUSTODIAL	Peak	105	7/17	92	59	75.0	55.0	21	401	0	7/17	92	59	55.0	21	541	0
		153 - RESOURCE CENTER	Peak	125	7/17	92	59	75.0	55.0	37	696	175	7/15	95	63	55.3	37	1,238	167
		155 - ROOM	Peak	161	7/17	92	59	75.0	55.0	139	2,628	1,610	7/15	95	63	55.1	139	4,514	714
		195 - PLATFORM	Peak	927	7/17	92	59	75.0	55.0	787	14,899	7,184	7/15	95	63	55.1	787	24,803	3,715
		196 - STORAGE	Peak	315	7/17	92	59	75.0	55.0	64	1,204	0	7/15	95	63	55.5	64	2,192	-284
F-04			**Peak**	**1,856**		**92**	**59**	**75.0**	**55.0**	**1,104**	**20,897**	**9,143**		**95**	**63**	**55.1**	**1,104**	**34,825**	**4,400**
F-04			**Block**	**1,856**	**7/17**	**92**	**59**	**75.0**	**55.0**	**1,104**	**20,897**	**9,143**	**7/15**	**95**	**63**	**55.2**	**1,104**	**34,773**	**4,400**
		130-1 - HALLWAY	Peak	454	7/17	92	59	75.0	55.0	111	2,102	0	7/17	92	59	55.0	111	2,317	0
		131 - VESTIBULE	Peak	104	9/16	78	52	81.0	81.0	0	0	0	9/16	78	52	81.0	0	0	0
		132 - VESTIBULE	Peak	54	9/11	67	45	81.0	81.0	0	0	0	9/11	67	45	81.0	0	0	0
		133 - TECHNOLOGY	Peak	77	9/12	72	48	75.0	55.0	50	952	0	8/12	82	56	55.3	50	1,262	0
		134 - WAITING	Peak	64	7/17	92	59	75.0	55.0	16	296	0	7/17	92	59	55.0	16	327	0
		135 - FOYER	Peak	162	7/17	92	59	75.0	55.0	40	750	0	7/17	92	59	55.0	40	827	0
		136 - BISHOP	Peak	177	9/16	78	52	75.0	55.0	123	2,331	248	7/16	94	61	55.3	123	3,085	177
		137 - FAMILY RESTROOM	Peak	71	7/17	92	59	75.0	55.0	17	329	0	7/17	92	59	55.0	17	362	0
		138 - CLERK	Peak	74	9/16	78	52	75.0	55.0	67	1,270	103	8/17	85	57	55.9	67	1,433	66
		140 - WAITING	Peak	60	7/17	92	59	75.0	55.0	15	278	0	7/17	92	59	55.0	15	306	0
		142 - BISHOP	Peak	184	9/16	78	52	75.0	55.0	109	2,060	257	7/16	94	61	56.1	109	2,526	179
		143 - CLERK	Peak	73	9/16	78	52	75.0	55.0	67	1,264	102	8/17	85	57	55.9	67	1,426	65
F-05			**Peak**	**1,554**		**78**	**52**	**75.0**	**55.0**	**614**	**11,632**	**710**		**87**	**59**	**55.5**	**614**	**13,871**	**488**
F-05			**Block**	**1,554**	**9/16**	**78**	**52**	**75.0**	**55.0**	**614**	**19,551**	**710**	**8/16**	**87**	**59**	**55.0**	**614**	**21,507**	**495**

System	Zone	Room		Floor Area ft²	SPACE Peak Time Mo/Hr	SPACE OA Condition DB °F	SPACE OA Condition WB °F	SPACE Room Dry Bulb °F	SPACE Supply Dry Bulb °F	SPACE Space Air Flow cfm	SPACE Space Sensible Load Btu/h	SPACE Space Latent Load Btu/h	COIL Peak Time Mo/Hr	COIL OA Condition DB °F	COIL OA Condition WB °F	COIL Supply Dry Bulb °F	COIL Coil Airflow cfm	COIL Coil Sensible Load Btu/h	COIL Coil Latent Load Btu/h
		122 - ROOM	Peak	962	7/18	89	57	75.0	55.0	925	17,506	9,620	7/15	95	63	55.5	925	29,114	5,449
F-12			**Peak**	**962**		**89**	**57**	**75.0**	**55.0**	**925**	**17,506**	**9,620**		**95**	**63**	**55.5**	**925**	**29,114**	**5,449**
F-12			**Block**	**962**	**7/18**	**89**	**57**	**75.0**	**55.0**	**925**	**17,506**	**9,620**	**7/15**	**95**	**63**	**55.5**	**925**	**29,114**	**5,449**
		101 - VESTIBULE	Peak	74	7/19	85	56	81.0	81.0	0	0	0	7/19	85	56	81.0	0	0	0
		102 - SNOW STORAGE	Peak	71	7/19	85	56	75.0	55.0	87	1,647	0	7/19	85	56	55.0	87	2,140	0
		104 - MENS RESTROOM	Peak	320	7/18	89	57	75.0	55.0	80	1,516	0	7/18	89	57	55.0	80	1,901	0
		106 - FAMILY RESTROOM	Peak	52	7/18	89	57	75.0	55.0	12	225	0	7/17	92	59	55.1	12	267	0
		108 - WOMEN RESTROOM	Peak	398	7/18	89	57	75.0	55.0	91	1,722	0	7/17	92	59	55.1	91	2,040	0
		110 - FONT	Peak	188	7/18	89	57	75.0	55.0	251	4,746	0	7/18	89	57	55.0	251	5,112	0
		110 - FOYER	Peak	115	7/18	89	57	75.0	55.0	26	498	0	7/17	92	59	55.1	26	589	0
		120 - HALLWAY	Peak	807	7/18	89	57	75.0	55.0	184	3,492	0	7/17	92	59	55.1	184	4,136	0
F-13			**Peak**	**2,025**		**85**	**56**	**75.0**	**55.0**	**731**	**13,845**	**0**		**89**	**57**	**55.0**	**731**	**16,185**	**0**
F-13			**Block**	**2,025**	**7/19**	**85**	**56**	**75.0**	**55.0**	**731**	**16,606**	**0**	**7/18**	**89**	**57**	**55.0**	**731**	**19,150**	**0**
		103 - INTERVIEW	Peak	74	7/19	85	56	75.0	55.0	62	1,166	103	7/19	85	56	55.0	62	1,538	17
		105 - WAITING	Peak	204	7/19	85	56	75.0	55.0	80	1,517	0	7/18	89	57	55.0	80	1,926	0
		107 - STAKE PRESIDENT	Peak	196	7/19	85	56	75.0	55.0	106	2,000	274	7/18	89	57	55.2	106	2,752	42
		109 - CLERK	Peak	112	7/18	89	57	75.0	55.0	34	640	157	7/15	95	63	55.6	34	925	101
		111 - STAKE COUNCIL	Peak	619	7/18	89	57	75.0	55.0	530	10,038	4,797	7/15	95	63	55.2	530	13,867	1,890
F-14			**Peak**	**1,205**		**85**	**56**	**75.0**	**55.0**	**811**	**15,360**	**5,332**		**95**	**63**	**55.2**	**811**	**21,008**	**2,050**
F-14			**Block**	**1,205**	**7/19**	**85**	**56**	**75.0**	**55.0**	**811**	**15,334**	**5,332**	**7/15**	**95**	**63**	**56.9**	**811**	**19,555**	**2,270**
		140 - STAIR	Peak	0	0/0	0	0	0.0	0.0	0	0	0	0/0	0	0	0.0	0	0	0
		141 - FIRE RISER	Peak	0	0/0	0	0	0.0	0.0	0	0	0	0/0	0	0	0.0	0	0	0
UH-1			**Peak**	**0**		**0**	**0**	**0.0**	**0.0**	**0**	**0**	**0**		**0**	**0**	**0.0**	**0**	**0**	**0**
UH-1			**Block**	**0**	**0/0**	**0**	**0**	**0.0**	**0.0**	**0**	**0**	**0**	**0/0**	**0**	**0**	**0.0**	**0**	**0**	**0**

System	Zone	Room		Floor Area ft²	SPACE Peak Time Mo/Hr	SPACE OA Condition DB °F	SPACE OA Condition WB °F	SPACE Room Dry Bulb °F	SPACE Supply Dry Bulb °F	SPACE Space Air Flow cfm	SPACE Space Sensible Load Btu/h	SPACE Space Latent Load Btu/h	COIL Peak Time Mo/Hr	COIL OA Condition DB °F	COIL OA Condition WB °F	COIL Supply Dry Bulb °F	COIL Coil Airflow cfm	COIL Coil Sensible Load Btu/h	COIL Coil Latent Load Btu/h
		160-1 - HALLWAY	Peak	454	7/17	92	59	75.0	55.0	108	2,053	0	7/17	92	59	55.0	108	2,320	0
		161 - VESTIBULE	Peak	104	7/10	78	54	81.0	81.0	0	0	0	7/10	78	54	81.0	0	0	0
		162 - VESTIBULE	Peak	54	9/11	67	45	81.0	81.0	0	0	0	9/11	67	45	81.0	0	0	0
		164 - WAITING	Peak	61	7/17	92	59	75.0	55.0	15	276	0	7/17	92	59	55.0	15	312	0
		165 - FOYER	Peak	161	7/17	92	59	75.0	55.0	38	728	0	7/17	92	59	55.0	38	823	0
		166 - BISHOP	Peak	176	7/12	88	59	75.0	55.0	118	2,239	246	7/13	92	61	55.8	118	2,790	93
		167 - FAMILY RESTROOM	Peak	69	7/17	92	59	75.0	55.0	16	312	0	7/17	92	59	55.0	16	353	0
		168 - CLERK	Peak	75	7/10	78	54	75.0	55.0	46	879	105	7/15	95	63	58.6	46	921	63
		170 - WAITING	Peak	60	7/17	92	59	75.0	55.0	14	271	0	7/17	92	59	55.0	14	307	0
		172 - BISHOP	Peak	182	7/10	78	54	75.0	55.0	81	1,527	255	7/15	95	63	56.2	81	1,695	145
		173 - CLERK	Peak	73	7/10	78	54	75.0	55.0	46	868	102	7/15	95	63	58.7	46	905	61
F-06			**Peak**	**1,469**		**78**	**54**	**75.0**	**55.0**	**484**	**9,154**	**708**		**78**	**54**	**56.1**	**484**	**10,625**	**362**
F-06			**Block**	**1,469**	**7/10**	**78**	**54**	**75.0**	**55.0**	**484**	**15,272**	**708**	**7/10**	**78**	**54**	**55.0**	**484**	**15,984**	**37**
		130-2 - HALLWAY	Peak	386	7/17	92	59	75.0	55.0	82	1,558	0	7/17	92	59	55.0	82	1,984	0
		144 - ROOM	Peak	144	9/16	78	52	75.0	55.0	171	3,239	1,440	7/15	95	63	56.6	171	4,780	1,165
		146 - ROOM	Peak	153	9/16	78	52	75.0	55.0	179	3,395	1,530	7/15	95	63	56.6	179	5,046	1,237
		148 - INTERVIEW	Peak	103	7/17	92	59	75.0	55.0	31	596	144	7/15	95	63	55.5	31	847	73
F-07			**Peak**	**786**		**85**	**57**	**75.0**	**55.0**	**464**	**8,788**	**3,114**		**95**	**63**	**56.2**	**464**	**12,657**	**2,476**
F-07			**Block**	**786**	**8/17**	**85**	**57**	**75.0**	**55.0**	**464**	**8,666**	**3,114**	**7/15**	**95**	**63**	**56.4**	**464**	**12,560**	**2,476**
		160-2 - HALLWAY	Peak	273	7/17	92	59	75.0	55.0	55	1,050	0	7/17	92	59	55.0	55	1,407	0
		174 - ROOM	Peak	176	7/10	78	54	75.0	55.0	176	3,325	1,760	7/15	95	63	55.9	176	5,352	858
		176 - ROOM	Peak	175	7/10	78	54	75.0	55.0	175	3,304	1,750	7/15	95	63	55.9	175	5,315	853
		178 - ROOM	Peak	173	7/10	78	54	75.0	55.0	173	3,272	1,730	7/15	95	63	55.9	173	5,259	843
		180 - ROOM	Peak	148	7/10	78	54	75.0	55.0	151	2,859	1,480	7/15	95	63	56.1	151	4,532	722
F-08			**Peak**	**945**		**78**	**54**	**75.0**	**55.0**	**730**	**13,809**	**6,720**		**95**	**63**	**55.9**	**730**	**21,865**	**3,276**
F-08			**Block**	**945**	**7/10**	**78**	**54**	**75.0**	**55.0**	**730**	**13,674**	**6,720**	**7/15**	**95**	**63**	**55.9**	**730**	**21,796**	**3,276**
		130-3 - HALLWAY	Peak	381	7/17	92	59	75.0	55.0	81	1,530	0	7/17	92	59	55.0	81	1,959	0
		150 - SERVING AREA	Peak	185	9/16	78	52	75.0	55.0	179	3,380	1,057	7/15	95	63	57.5	179	4,547	823
		152 - ROOM	Peak	188	9/16	78	52	75.0	55.0	211	3,987	1,880	7/15	95	63	56.4	211	6,059	1,517
		154 - ROOM	Peak	190	9/16	78	52	75.0	55.0	212	4,020	1,900	7/15	95	63	56.4	212	6,114	1,533
		156 - ROOM	Peak	188	9/16	78	52	75.0	55.0	211	3,987	1,880	7/15	95	63	56.4	211	6,059	1,517
F-09			**Peak**	**1,132**		**78**	**52**	**75.0**	**55.0**	**893**	**16,905**	**6,717**		**95**	**63**	**56.5**	**893**	**24,738**	**5,390**
F-09			**Block**	**1,132**	**9/16**	**78**	**52**	**75.0**	**55.0**	**893**	**16,820**	**6,717**	**7/15**	**95**	**63**	**56.5**	**893**	**24,643**	**5,390**
		160-3 - HALLWAY	Peak	480	7/17	92	59	75.0	55.0	99	1,875	0	7/17	92	59	55.0	99	2,472	0
		182 - ROOM	Peak	150	7/10	78	54	75.0	55.0	153	2,899	1,500	7/15	95	63	56.0	153	4,586	732
		184 - ROOM	Peak	146	7/10	78	54	75.0	55.0	150	2,833	1,460	7/15	95	63	56.1	150	4,470	713
		186 - ROOM	Peak	141	7/10	78	54	75.0	55.0	145	2,751	1,410	7/15	95	63	56.1	145	4,326	689
		188 - ROOM	Peak	152	7/10	78	54	75.0	55.0	155	2,936	1,520	7/15	95	63	56.0	155	4,651	742
F-10			**Peak**	**1,069**		**78**	**54**	**75.0**	**55.0**	**702**	**13,295**	**5,890**		**95**	**63**	**55.9**	**702**	**20,505**	**2,875**
F-10			**Block**	**1,069**	**7/10**	**78**	**54**	**75.0**	**55.0**	**702**	**13,028**	**5,890**	**7/15**	**95**	**63**	**56.0**	**702**	**20,382**	**2,875**
		124 - ROOM	Peak	1,107	7/18	89	57	75.0	55.0	1,241	23,497	11,070	7/15	95	63	56.3	1,241	36,899	6,325
F-11			**Peak**	**1,107**		**89**	**57**	**75.0**	**55.0**	**1,241**	**23,497**	**11,070**		**95**	**63**	**56.3**	**1,241**	**36,899**	**6,325**
F-11			**Block**	**1,107**	**7/18**	**89**	**57**	**75.0**	**55.0**	**1,241**	**23,497**	**11,070**	**7/15**	**95**	**63**	**56.3**	**1,241**	**36,899**	**6,325**

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PROFESSIONAL ENGINEER
No. 11760822202
CARL G. GATRELL
10/10/2025
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

MECHANICAL COOLING CALCULATIONS

M702

10/10/2025 4:26:50 PM
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PEAK HEATING LOADS

MAIN SYSTEM

By Spectrum Engineers

	OA Condition	
	DB	WB
Peak Time	°F	°F
Htg Design	9	4

System	Zone	Room	Block or Peak	Floor Area ft²	SPACE Room Dry Bulb °F	SPACE Supply Dry Bulb °F	SPACE Space Air Flow cfm	SPACE Space Sensible Load Btu/h	COIL Supply Dry Bulb °F	COIL Coil Air Flow cfm	COIL Coil Sensible Load Btu/h
Alternative 1											
		163 - SACRAMENT PREPARATION	Peak	77	70.0	79.1	63	-538	79.1	63	-1,024
		190 - ROSTRUM	Peak	1,070	70.0	76.1	1,088	-6,237	76.1	1,088	-25,021
		191 - CHAPEL	Peak	2,065	70.0	70.2	3,502	-776	70.2	3,502	-86,158
F-01			**Peak**	**3,212**	**70.0**	**71.7**	**4,653**	**-7,550**	**71.7**	**4,653**	**-112,203**
F-01			**Block**	**3,212**	**70.0**	**71.7**	**4,653**	**-7,550**	**71.7**	**4,653**	**-112,203**
		192 - CULTURAL CENTER	Peak	2,897	70.0	70.1	4,734	-608	70.1	4,734	-53,377
F-02			**Peak**	**2,897**	**70.0**	**70.1**	**4,734**	**-608**	**70.1**	**4,734**	**-53,377**
F-02			**Block**	**2,897**	**70.0**	**70.1**	**4,734**	**-608**	**70.1**	**4,734**	**-53,377**
		193 - CULTURAL CENTER	Peak	1,126	70.0	70.1	1,840	-237	70.1	1,840	-20,746
F-03			**Peak**	**1,126**	**70.0**	**70.1**	**1,840**	**-237**	**70.1**	**1,840**	**-20,746**
F-03			**Block**	**1,126**	**70.0**	**70.1**	**1,840**	**-237**	**70.1**	**1,840**	**-20,746**
		121 - FAMILY RESTROOM	Peak	99	70.0	72.3	20	-44	72.3	20	-70
		123 - MOTHERS ROOM	Peak	124	70.0	71.6	36	-55	71.6	36	-769
		151 - CUSTODIAL	Peak	105	70.0	72.3	21	-46	72.3	21	-74
		153 - RESOURCE CENTER	Peak	125	70.0	71.6	37	-55	71.6	37	-1,447
		155 - ROOM	Peak	161	70.0	70.5	139	-71	70.5	139	-5,904
		195 - PLATFORM	Peak	927	70.0	70.5	787	-407	70.5	787	-30,830
		196 - STORAGE	Peak	315	70.0	72.3	64	-138	72.3	64	-2,362
F-04			**Peak**	**1,856**	**70.0**	**70.8**	**1,104**	**-816**	**70.8**	**1,104**	**-41,457**
F-04			**Block**	**1,856**	**70.0**	**70.8**	**1,104**	**-816**	**70.8**	**1,104**	**-41,456**
		130-1 - HALLWAY	Peak	454	70.0	75.4	111	-565	75.4	111	-978
		131 - VESTIBULE	Peak	104	64.0	64.0	0	0	64.0	0	0
		132 - VESTIBULE	Peak	54	64.0	64.0	0	0	64.0	0	0
		133 - TECHNOLOGY	Peak	77	70.0	79.0	50	-427	79.0	50	-614
		134 - WAITING	Peak	64	70.0	75.4	16	-80	75.4	16	-138
		135 - FOYER	Peak	162	70.0	75.4	40	-202	75.4	40	-349
		136 - BISHOP	Peak	177	70.0	81.3	123	-1,318	81.3	123	-2,687
		137 - FAMILY RESTROOM	Peak	71	70.0	75.4	17	-88	75.4	17	-153
		138 - CLERK	Peak	74	70.0	77.5	67	-477	77.5	67	-1,108
		140 - WAITING	Peak	60	70.0	75.4	15	-75	75.4	15	-129
		142 - BISHOP	Peak	184	70.0	77.0	109	-725	77.0	109	-2,077
		143 - CLERK	Peak	73	70.0	77.5	67	-476	77.5	67	-1,100
F-05			**Peak**	**1,554**	**70.0**	**77.6**	**614**	**-4,434**	**77.6**	**614**	**-9,334**

Project Name: Legacy Farms Meetinghouse
Dataset Name: 250311 - Load Run.TRC

TRACE® 700 v6.3.3 calculated at 03:19 PM on 08/08/2025
Peak Htg Loads Main System Report Page 1 of 3

	OA Condition	
	DB	WB
Peak Time	°F	°F
Htg Design	9	4

System	Zone	Room	Block or Peak	Floor Area ft²	SPACE Room Dry Bulb °F	SPACE Supply Dry Bulb °F	SPACE Space Air Flow cfm	SPACE Space Sensible Load Btu/h	COIL Supply Dry Bulb °F	COIL Coil Air Flow cfm	COIL Coil Sensible Load Btu/h
F-05			**Block**	**1,554**	**70.0**	**85.7**	**614**	**-9,138**	**85.7**	**614**	**-14,038**
		160-1 - HALLWAY	Peak	454	70.0	75.5	108	-566	75.5	108	-969
		161 - VESTIBULE	Peak	104	64.0	64.0	0	0	64.0	0	0
		162 - VESTIBULE	Peak	54	64.0	64.0	0	0	64.0	0	0
		164 - WAITING	Peak	61	70.0	75.5	15	-76	75.5	15	-130
		165 - FOYER	Peak	161	70.0	75.5	38	-201	75.5	38	-344
		166 - BISHOP	Peak	176	70.0	81.7	118	-1,304	81.7	118	-2,650
		167 - FAMILY RESTROOM	Peak	69	70.0	75.5	16	-86	75.5	16	-147
		168 - CLERK	Peak	75	70.0	80.9	46	-479	80.9	46	-1,038
		170 - WAITING	Peak	60	70.0	75.5	14	-75	75.5	14	-128
		172 - BISHOP	Peak	182	70.0	79.5	81	-723	79.5	81	-1,960
		173 - CLERK	Peak	73	70.0	81.0	46	-476	81.0	46	-1,023
F-06			**Peak**	**1,469**	**70.0**	**78.7**	**484**	**-3,965**	**78.7**	**484**	**-8,389**
F-06			**Block**	**1,469**	**70.0**	**89.0**	**484**	**-8,689**	**89.0**	**484**	**-13,093**
		130-2 - HALLWAY	Peak	386	70.0	73.1	82	-241	73.1	82	-395
		144 - ROOM	Peak	144	70.0	73.3	171	-537	73.3	171	-5,862
		146 - ROOM	Peak	153	70.0	73.3	179	-552	73.3	179	-6,205
		148 - INTERVIEW	Peak	103	70.0	72.2	31	-64	72.2	31	-672
F-07			**Peak**	**786**	**70.0**	**73.2**	**464**	**-1,395**	**73.2**	**464**	**-13,133**
F-07			**Block**	**786**	**70.0**	**73.2**	**464**	**-1,395**	**73.2**	**464**	**-13,133**
		160-2 - HALLWAY	Peak	273	70.0	73.4	55	-179	73.4	55	-288
		174 - ROOM	Peak	176	70.0	73.6	176	-603	73.6	176	-7,054
		176 - ROOM	Peak	175	70.0	73.6	175	-593	73.6	175	-7,008
		178 - ROOM	Peak	173	70.0	73.6	173	-592	73.6	173	-6,934
		180 - ROOM	Peak	148	70.0	73.8	151	-549	73.8	151	-5,981
F-08			**Peak**	**945**	**70.0**	**73.6**	**730**	**-2,517**	**73.6**	**730**	**-27,265**
F-08			**Block**	**945**	**70.0**	**73.6**	**730**	**-2,516**	**73.6**	**730**	**-27,265**
		130-3 - HALLWAY	Peak	381	70.0	73.2	81	-242	73.2	81	-395
		150 - SERVING AREA	Peak	185	70.0	74.5	179	-766	74.5	179	-4,570
		152 - ROOM	Peak	188	70.0	73.0	211	-593	73.0	211	-7,524
		154 - ROOM	Peak	190	70.0	73.0	212	-595	73.0	212	-7,598
		156 - ROOM	Peak	188	70.0	73.0	211	-593	73.0	211	-7,524
F-09			**Peak**	**1,132**	**70.0**	**73.3**	**893**	**-2,789**	**73.3**	**893**	**-27,611**
F-09			**Block**	**1,132**	**70.0**	**73.3**	**893**	**-2,789**	**73.3**	**893**	**-27,611**
		160-3 - HALLWAY	Peak	480	70.0	73.5	99	-327	73.5	99	-528
		182 - ROOM	Peak	150	70.0	73.9	153	-567	73.9	153	-6,077
		184 - ROOM	Peak	146	70.0	74.0	150	-560	74.0	150	-5,924
		186 - ROOM	Peak	141	70.0	74.0	145	-552	74.0	145	-5,734
		188 - ROOM	Peak	152	70.0	73.9	155	-577	73.9	155	-6,160
F-10			**Peak**	**1,069**	**70.0**	**73.9**	**702**	**-2,583**	**73.9**	**702**	**-24,423**
F-10			**Block**	**1,069**	**70.0**	**73.9**	**702**	**-2,583**	**73.9**	**702**	**-24,423**
		124 - ROOM	Peak	1,107	70.0	73.6	1,241	-4,201	73.6	1,241	-45,612

Project Name: Legacy Farms Meetinghouse
Dataset Name: 250311 - Load Run.TRC

TRACE® 700 v6.3.3 calculated at 03:19 PM on 08/08/2025
Peak Htg Loads Main System Report Page 2 of 3

	OA Condition	
	DB	WB
Peak Time	°F	°F
Htg Design	9	4

System	Zone	Room	Block or Peak	Floor Area ft²	SPACE Room Dry Bulb °F	SPACE Supply Dry Bulb °F	SPACE Space Air Flow cfm	SPACE Space Sensible Load Btu/h	COIL Supply Dry Bulb °F	COIL Coil Air Flow cfm	COIL Coil Sensible Load Btu/h
F-11			**Peak**	**1,107**	**70.0**	**73.6**	**1,241**	**-4,201**	**73.6**	**1,241**	**-45,612**
F-11			**Block**	**1,107**	**70.0**	**73.6**	**1,241**	**-4,201**	**73.6**	**1,241**	**-45,612**
		122 - ROOM	Peak	962	70.0	73.6	925	-3,146	73.6	925	-38,369
F-12			**Peak**	**962**	**70.0**	**73.6**	**925**	**-3,146**	**73.6**	**925**	**-38,369**
F-12			**Block**	**962**	**70.0**	**73.6**	**925**	**-3,146**	**73.6**	**925**	**-38,369**
		101 - VESTIBULE	Peak	74	64.0	64.0	0	0	64.0	0	0
		102 - SNOW STORAGE	Peak	71	70.0	82.7	87	-1,050	82.7	87	-1,277
		104 - MENS RESTROOM	Peak	320	70.0	75.4	80	-409	75.4	80	-618
		106 - FAMILY RESTROOM	Peak	52	70.0	74.1	12	-46	74.1	12	-77
		108 - WOMEN RESTROOM	Peak	398	70.0	74.0	91	-349	74.0	91	-587
		110 - FONT	Peak	188	70.0	87.3	251	-4,096	87.3	251	-4,752
		110 - FOYER	Peak	115	70.0	74.1	26	-101	74.1	26	-170
		120 - HALLWAY	Peak	807	70.0	74.0	184	-707	74.0	184	-1,190
F-13			**Peak**	**2,025**	**70.0**	**79.8**	**731**	**-6,757**	**79.8**	**731**	**-8,671**
F-13			**Block**	**2,025**	**70.0**	**81.9**	**731**	**-8,213**	**81.9**	**731**	**-10,127**
		103 - INTERVIEW	Peak	74	70.0	79.8	62	-574	79.8	62	-1,085
		105 - WAITING	Peak	204	70.0	77.8	80	-595	77.8	80	-747
		107 - STAKE PRESIDENT	Peak	196	70.0	77.1	106	-709	77.1	106	-1,953
		109 - CLERK	Peak	112	70.0	72.2	34	-71	72.2	34	-732
		111 - STAKE COUNCIL	Peak	619	70.0	70.8	530	-394	70.8	530	-12,154
F-14			**Peak**	**1,205**	**70.0**	**73.1**	**811**	**-2,344**	**73.1**	**811**	**-16,671**
F-14			**Block**	**1,205**	**70.0**	**73.1**	**811**	**-2,344**	**73.1**	**811**	**-16,671**
		140 - STAIR	Peak	50	64.0	64.0	0	0	64.0	0	0
		141 - FIRE RISER	Peak	38	70.0	125.0	14	-731	125.0	14	-731
UH-1			**Peak**	**88**	**70.0**	**125.0**	**14**	**-731**	**125.0**	**14**	**-731**
UH-1			**Block**	**88**	**70.0**	**168.8**	**14**	**-1,313**	**168.8**	**14**	**-1,313**

Project Name: Legacy Farms Meetinghouse
Dataset Name: 250311 - Load Run.TRC

TRACE® 700 v6.3.3 calculated at 03:19 PM on 08/08/2025
Peak Htg Loads Main System Report Page 3 of 3

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LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

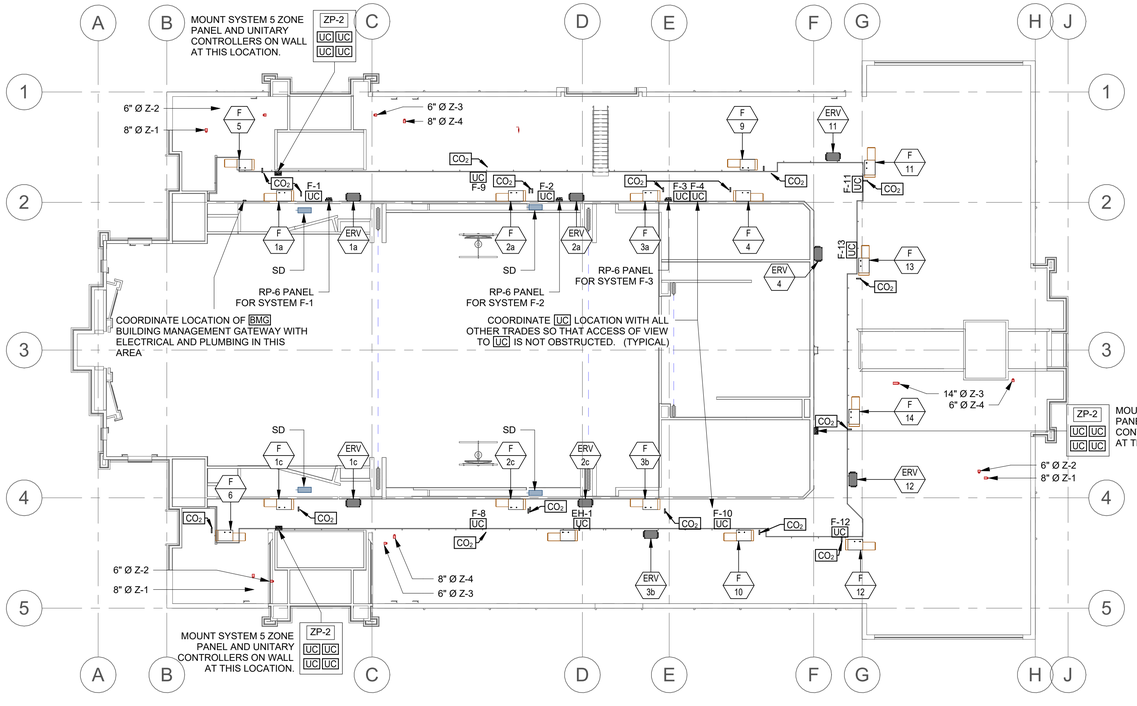
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

MECHANICAL HEATING CALCULATIONS

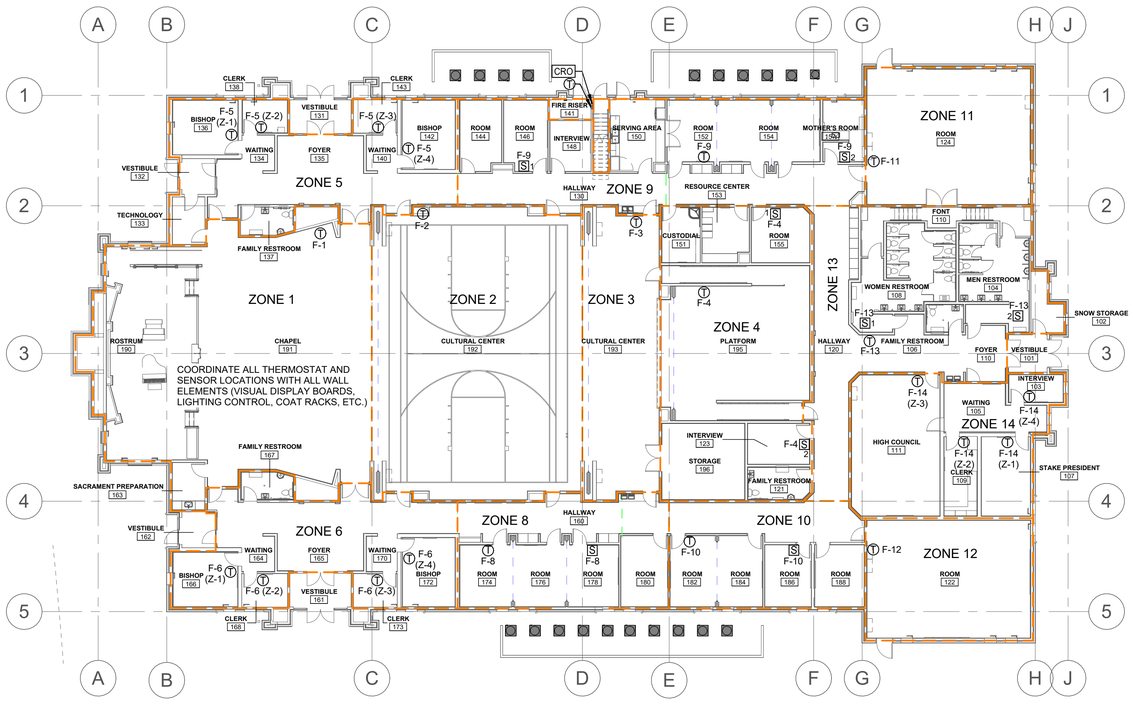
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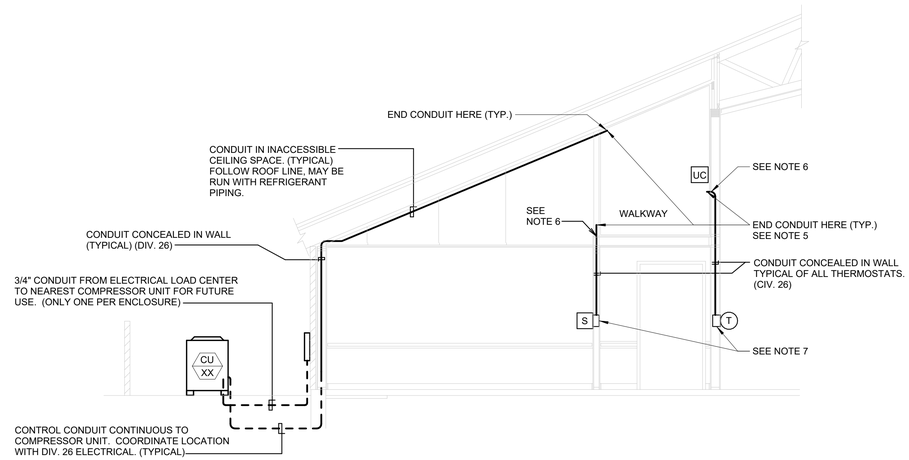
C1 EQUIPMENT PLATFORM AUTOMATIC TEMPERATURE CONTROL PLAN

1/16" = 1'-0"



A1 MAIN FLOOR AUTOMATIC TEMPERATURE CONTROL PLAN

1/16" = 1'-0"



A MINIMUM REQUIRED CONDUIT-TYPICAL DETAIL

NTS

NOTE:
ALL TEMPERATURE CONTROL CONDUIT SHALL BE FURNISHED AND INSTALLED BY DIVISION 26.

SYMBOLS

UC	UNITARY CONTROLLER (DIV 23). MOUNT MODULE IN ACCESSIBLE LOCATION ON OR NEAR ASSOCIATED FURNACE.
RP-6	RELAY PANEL (DIV 23) MOUNT 5'-0" TO BOTTOM OF CABINET
T	THERMOSTAT (LCBS) OUTLET (DIV 26)
S	INDOOR AIR SENSOR OUTLET (DIV 26)
BMG	BUILDING MANAGEMENT GATEWAY (DIV 23)
OAS	GLOBAL OUTDOOR AIR SENSOR (DIV 23) TO BE INSTALLED ON THE NORTH SIDE OF THE BUILDING (OUT OF DIRECT SUNLIGHT) AND CONNECTED TO ANY ZONE.
CO_2	CO_2 SENSOR (DIV 23) INSTALL UPSTREAM OF RELIEF OR OUTSIDE AIR CONNECTON.
CRO	COMBINATION RELAY AND THERMAL OVERLOAD DISCONNECT (W/20 AMP RIB RELAY 2401B)
ZP-1	3 ZONE PANEL (DIV 23)
ZP-2	4 ZONE PANEL (DIV 23)
Z*	ZONE DAMPER (*=ZONE NUMBER)
SD	DUCT SMOKE DETECTOR

NOTES:

1. BOXES FOR THERMOSTAT (T) AND [S] OUTLETS SHALL BE 2"X4" WITH LONG DIMENSION VERTICAL. USE METAL BRACKET OF COVER PLATE ASSEMBLY TO MOUNT THERMOSTAT HORIZONTAL.
2. CONDUIT TO BE 1/2" UNLESS NOTED OTHERWISE.
3. TEMPERATURE CONTROL WIRING THAT IS NOT IN CONDUIT SHALL BE RUN PARALLEL AND PERPENDICULAR TO BUILDING CONSTRUCTION LINES. SEE SPECIFICATIONS FOR ACCEPTABLE FASTENING METHODS AND MAXIMUM ALLOWABLE SPACING BETWEEN FASTENERS.
4. TEMPERATURE CONTROL WIRING THAT IS NOT IN CONDUIT SHALL BE LABELED. PROVIDE A LABEL AT ALL POINTS WHERE TEMPERATURE CONTROL WIRING ENTERS CONDUIT AND AT CONNECTIONS TO DEVICES.
5. SEAL OPEN END OF CONDUIT AIR-TIGHT AROUND THERMOSTAT/SENSOR WIRE WITH SEALANT COMPOUND. SEE SPECS FOR APPROVED PRODUCT.
6. SEAL ANNULAR SPACE BETWEEN CONDUIT AND OPENING IN FLOOR OR WALL WITH SEALANT COMPOUND. SEE SPECS FOR APPROVED PRODUCT.
7. SEAL OPEN END OF CONDUIT AT J-BOX AIR-TIGHT AROUND THERMOSTAT/SENSOR WIRE. SEAL ALL AIR GAPS AROUND J-BOX TO ISOLATE J-BOX FROM WALL CAVITY. SEAL BACK OF THERMOSTAT AROUND WIRES. PACK J-BOX TIGHT WITH GLASS FIBER BAT INSULATION. USE SEALING COMPOUND SPECIFICALLY MADE FOR REFRIGERATION AND AIR-CONDITIONING APPLICATIONS. SEE SPECIFICATIONS FOR APPROVED PRODUCTS.
8. ELECTRIC HEATER ZONE. CONNECT UC TO 20 AMP RELAY AND THEN TO THERMAL OVERLOAD. REFER TO WIRING DIAGRAM, SHEET ME701.

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LEGACY FARMS LDS STAKE CENTER #501-4029
2107 E HERITAGE DR, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 02.09.26

REV	DATE	DESCRIPTION

AUTOMATIC TEMPERATURE CONTROL PLANS

ME101

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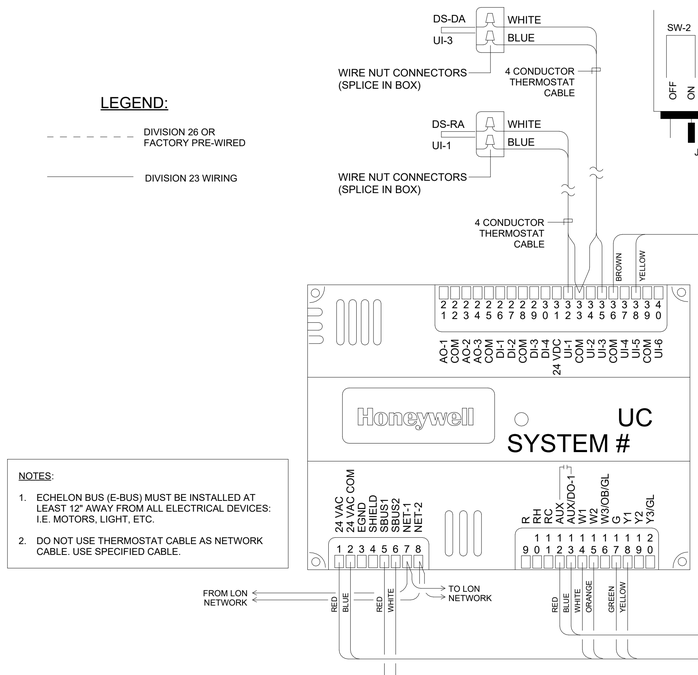
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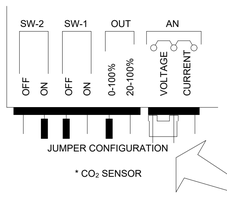
DIVISION 26 OR FACTORY PRE-WIRED

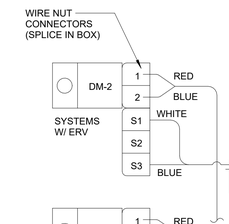
DIVISION 23 WIRING

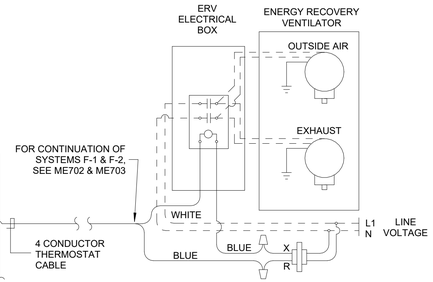
NOTES:

1. ECHELON BUS (E-BUS) MUST BE INSTALLED AT LEAST 12" AWAY FROM ALL ELECTRICAL DEVICES: I.E. MOTORS, LIGHT, ETC.
2. DO NOT USE THERMOSTAT CABLE AS NETWORK CABLE. USE SPECIFIED CABLE.







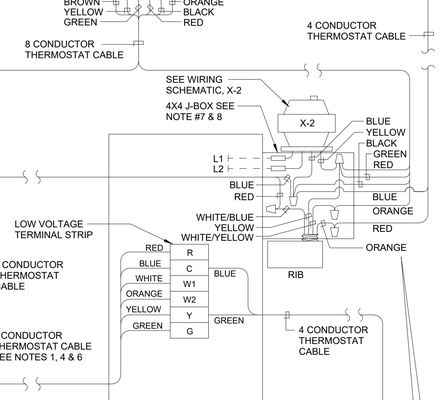


ENERGY RECOVERY VENTILATOR WIRING

A

NOTES:

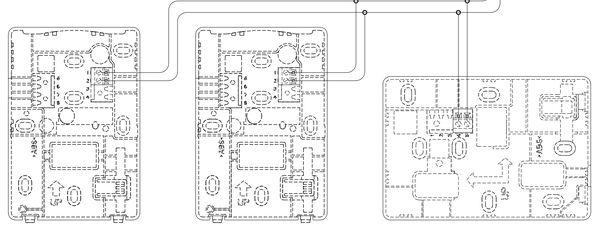
1. THERMOSTAT CABLE- 4, 8 OR 12 CONDUCTOR- 18 AWG SOLID COPPER WIRE INSULATED WITH HIGH DENSITY POLYETHYLENE. CONDUCTORS PARALLEL. ENCLOSED IN BROWN PVC JACKET. (NO 22 AWG CABLE ALLOWED).
2. IF COMPRESSOR UNITS HAVE THEIR OWN POWER SUPPLY IT MAY BE NECESSARY TO ADD ADDITIONAL RELAYS IN COMPRESSOR UNIT TO PROPERLY INTERFACE CONTROLS.
3. USE WIRE NUT CONNECTORS FOR SPLICING CONDUCTORS IN SPECIFIED LOCATIONS. AND TYTON TYPE CRIMP CONNECTORS FOR TERMINAL CONNECTIONS. NO TERMINAL CONNECTORS REQUIRED AT THERMOSTAT OR SENSOR.
4. DO NOT RUN ANY OTHER WIRING IN THIS CONDUIT EXCEPT THERMOSTAT CABLE.
5. VERIFY THAT FAN UNIT FAN SPEED CONTROL WIRING IS SET TO MATCH SCHEDULE SHEET AND THAT FAN OPERATES AT COOLING SPEED ONLY.
6. DO NOT SPLICE WIRE IN RUNS FROM SENSOR TO THERMOSTAT, THERMOSTAT TO FURNACE, AND THERMOSTAT TO DISCHARGE AIR SENSOR.
7. PROVIDE CHASE NIPPLE WITH PLASTIC BUSHING WHEN ATTACHING J-BOX TO EQUIPMENT.
8. PROVIDE CABLE-CLAMP SO THAT CABLES CANNOT BE PULLED OUT OF J-BOX.



WIRING DIAGRAM

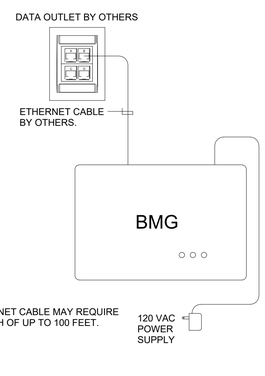
SYSTEMS: F-4a, F-4b, F-8, F-9, F-10, F11, F-12 & F-13

SYSTEMS: F-8 & F-10



SYSTEMS: F-4, F-9 & F-13

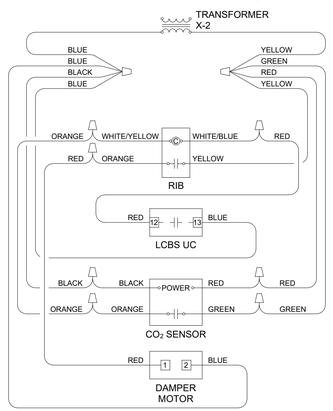
SYSTEMS: F-11 & F-12



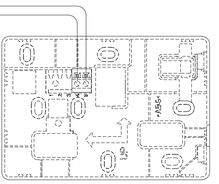
NOTE:

1. ETHERNET CABLE MAY REQUIRE LENGTH OF UP TO 100 FEET.

BMG WIRING DIAGRAM



WIRING SCHEMATIC, X-2

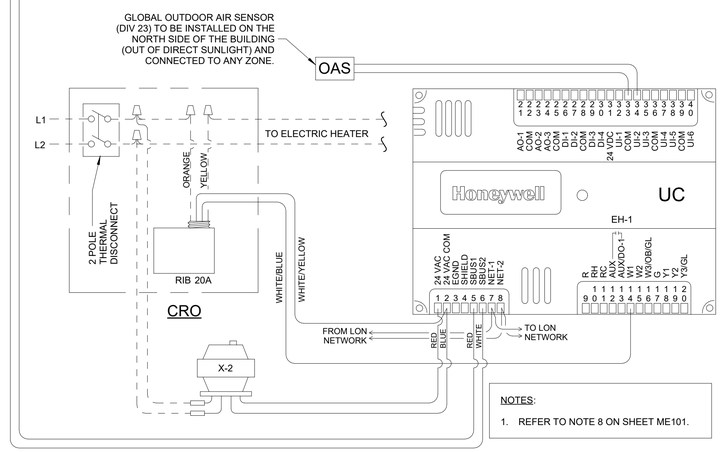


SYSTEM: EH-1

CONTROL EQUIPMENT

MARK	DESCRIPTION	CAT. NO. (1)	MARK	DESCRIPTION	CAT. NO. (1)
BMG	BUILDING MANAGEMENT GATEWAY	LGW1000 (GATEWAY) WPM-8000 (WALL PLUG)	RP-6	RELAY PANEL 24X18X6W/COVER	(2) (4)
UC	UNITARY CONTROLLER	YCRL64385R1000	DM-1	DAMPER MOTOR TWO POSITION	MS8105A1030
T	THERMOSTAT WALL MODULE	LCBS WALL MODULE	DM-2	DAMPER MOTOR 2 POS W/END SWITCH	MS8105A1130
	THERMOSTAT COVER PLATE ASSEMBLY	50002883-001	X-1	TRANSFORMER 120, 208, 240V/24V 75VA	AT175F1023
S	REMOTE SENSOR	TR40	X-2	TRANSFORMER 120V/24V 50VA	AT150F1022
G-1	THERMOSTAT GUARD	(2)	SD-1	DUCT SMOKE DETECTOR	(2)
DS	DUCT AIR SENSOR	C7041B2005	SR	SMOKE RELAY 30 AMP 120V COIL	DP2030B5003 (3)
CO_2	CO_2 SENSOR	C7232B1006	RIB	TWO POLE RELAY	RIBU1C (2)
ZP-1	ZONING PANEL (3 ZONES)	HZ322	RIB 20A	TWO POLE RELAY 20 AMP	RIB2401B (6)
ZP-2	ZONING PANEL (4 ZONES)	HZ432	OAS	GLOBAL OUTDOOR AIR SENSOR	C7041F2006 (7)
Z*	ZONE DAMPER (*=ZONE NUMBER)	ZD or ARD (5)	CRO	COMBINATION RELAY & THERMAL OVERLOAD DISCONNECT	(2) (4)
			E-BUS	ECHELON NETWORK CABLE	W221P-2001B

(1) ALL CATALOG NUMBERS SHOWN ARE HONEYWELL UNLESS NOTED OTHERWISE.
(2) SEE SPECIFICATIONS
(3) PROVIDE ENCLOSURE
(4) TO BE PURCHASED FROM AN APPROVED PER-BUILT PANEL BUILDER SEE SPECIFICATION.
(5) SEE PLAN FOR REQUIRED SIZE AND ZONE NUMBER.
(6) USE WITH CRO DISCONNECTFOR ELECTRIC WALL HEATER. CONTROL FROM UC.
(7) ONLY ONE REQUIRED FOR BUILDING. MAY BE CONNECTED TO ANY CONTROLLER AT NORTH SIDE.



NOTES:

1. REFER TO NOTE 8 ON SHEET ME101.

ELECTRIC HEATER WIRING DIAGRAM

AUTOMATIC TEMPERATURE CONTROL WIRING AND SCHEDULES

ME701

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BUILDING PERMIT SUBMISSION

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DATE: 02.09.26

REV	DATE	DESCRIPTION

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LEGEND:

DIVISION 26 OR FACTORY PRE-WIRED

DIVISION 23 WIRING

NOTES:

FOR NOTES SEE SHEET ME701

3- #12 BLACK/WHITE/GREEN

PART OF 8 CONDUCTOR THERMOSTAT CABLE

8 CONDUCTOR THERMOSTAT CABLE

PART OF 8 CONDUCTOR THERMOSTAT CABLE

GREEN/BLUE
RED/GREEN
SEE NOTE #2
COMPRESSOR UNIT
4 CONDUCTOR THERMOSTAT CABLE
X-2
BLACK
WHITE
L1
L2
BLACK
BROWN
4X4 J BOX SEE NOTE #7
RED
BLUE
WHITE
GREEN
YELLOW
GREEN
R
C
W
Y
G
FAN UNIT "a"
1
2
DM-2
S1
S2
S3
WHITE
BLUE
120V 1PHZ 60HZ
H
N
SWITCH BY DIV 26
BLACK
#12
WHITE
FAN UNIT DOOR SWITCH
AUX. J-BOX FURNISHED IN FAN UNIT
SMOKE DETECTOR
10 A
SD-1
120 VAC
120 VAC
AUX.
ALARM
12
13
15
16
NC
NO
SR
BLACK #12
ERV "A"
ENERGY RECOVERY VENTILATOR. SEE DETAIL A/ME701 FOR WIRING CONNECTIONS,

DS-DA
UI-3
WHITE
BLUE
WIRE NUT CONNECTORS (SPLICE IN BOX)
4 CONDUCTOR THERMOSTAT CABLE
DS-RA
UI-1
WHITE
BLUE
WIRE NUT CONNECTORS (SPLICE IN BOX)
4 CONDUCTOR THERMOSTAT CABLE
BROWN
YELLOW

TB1
SPACE
L1
N
GND
R1
FAN UNIT "a"
FAN UNIT "b"
FAN UNIT "c"
FAN UNIT "d"
G
X
SPACE
R3
FAN UNIT "a"
FAN UNIT "d"
W1
X
SPACE
R5
FAN UNIT "a"
FAN UNIT "d"
Y1
X
SPACE

X-1
FAN
R1
DAMPER
R2
HEAT 1
R3
HEAT 2
R4
COOL 1
R5
COOL 2
R6

TB2
SPACE
R
X
GND
R2
FAN UNIT "a"
FAN UNIT "b"
FAN UNIT "c"
FAN UNIT "d"
A2
X
SPACE
R4
FAN UNIT "b"
FAN UNIT "c"
W2
X
SPACE
R6
FAN UNIT "b"
FAN UNIT "c"
Y2
X
G+
GO
NO
COM
SPACE
RED
BLUE
BLACK
BROWN
BLACK
BROWN
TAN
WHITE
WHITE
GREY
YELLOW
YELLOW
PINK
RED
BLACK
ORANGE
GREEN

PANEL RP-6

PART OF 12 CONDUCTOR THERMOSTAT CABLE

PART OF 8 CONDUCTOR THERMOSTAT CABLE

12 CONDUCTOR THERMOSTAT CABLE SEE NOTES 1, 4 AND 6.

8 CONDUCTOR THERMOSTAT CABLE

8 CONDUCTOR THERMOSTAT CABLE

GREEN/BLUE
L1
L2
4 CONDUCTOR THERMOSTAT CABLE
COMPRESSOR UNIT SEE NOTE #2
4X4 J BOX SEE NOTE #7
RED
BLUE
WHITE
GREEN
YELLOW
GREEN
R
C
W
Y
G
FAN UNIT "b"
120V 1PHZ 60HZ
H
N
SWITCH BY DIV 26
BLACK
WHITE
BLACK #12
FAN UNIT DOOR SWITCH
AUX. J-BOX FURNISHED IN FAN UNIT

GREEN/BLUE
RED/GREEN
SEE NOTE #2
COMPRESSOR UNIT
4 CONDUCTOR THERMOSTAT CABLE
X-2
BLACK
WHITE
L1
L2
BLACK
BROWN
4X4 J BOX SEE NOTE #7
RED
BLUE
WHITE
GREEN
YELLOW
GREEN
R
C
W
Y
G
FAN UNIT "c"
1
2
DM-2
S1
S2
S3
WHITE
BLUE
120V 1PHZ 60HZ
H
N
SWITCH BY DIV 26
BLACK
#12
WHITE
AUX. J-BOX FURNISHED IN FAN UNIT
FAN UNIT DOOR SWITCH
SMOKE DETECTOR
10 A
SD-1
120 VAC
120 VAC
AUX.
ALARM
12
13
15
16
NC
NO
SR
BLACK #12

8 CONDUCTOR THERMOSTAT CABLE

GREEN/BLUE
L1
L2
4 CONDUCTOR THERMOSTAT CABLE
COMPRESSOR UNIT SEE NOTE #2
4X4 J BOX SEE NOTE #7
RED
BLUE
WHITE
GREEN
YELLOW
GREEN
R
C
W
Y
G
FAN UNIT "d"
ERV "C"
ENERGY RECOVERY VENTILATOR. SEE DETAIL A/ME701 FOR WIRING CONNECTIONS.
120V 1PHZ 60HZ
H
N
SWITCH BY DIV 26
BLACK
WHITE
BLACK #12
FAN UNIT DOOR SWITCH
AUX. J-BOX FURNISHED IN FAN UNIT

Honeywell
UC
SYSTEM #

24 VAC
24 VAC COM
EGND
SHIELD
SBUS1
SBUS2
NET-1
NET-2
AUX/DO-1
W1
W2
W3/OB/GL
G
Y1
Y2
Y3/GL
FROM LON NETWORK
TO LON NETWORK
RED
BLUE
RED
WHITE
TAN
WHITE
ORANGE
GREEN
YELLOW
PINK

4 CONDUCTOR THERMOSTAT CABLE

T

SW-2
SW-1
OUT
AN
OFF
ON
OFF
ON
0-100%
20-100%
VOLTAGE
CURRENT
JUMPER CONFIGURATION
* CO_2 SENSOR
* CO_2 SENSOR
* NOTE:
REMOVE SETSCREW ON BOARD TO POSITION JUMPERS
GREEN
YELLOW
BROWN
BROWN
YELLOW
GREEN
RED
BLACK
ORANGE
ORANGE
BLACK
RED

WIRING DIAGRAM

SYSTEMS: F-1 & F-2

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CARL G. GATRELL
10/10/2025
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	10.10.25

REV	DATE	DESCRIPTION

AUTOMATIC TEMPERATURE CONTROL WIRING

ME702

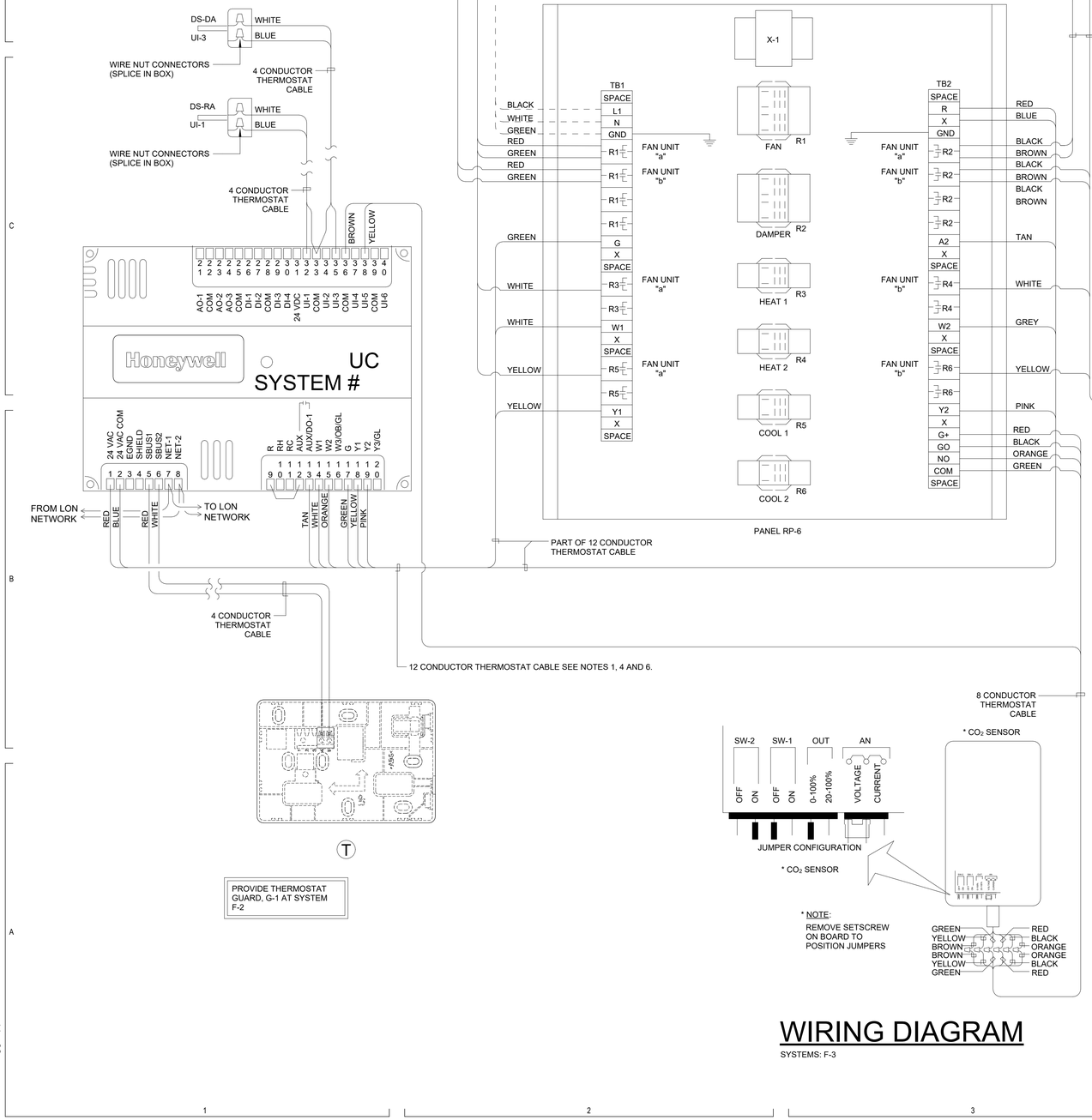
LEGEND:

DIVISION 26 OR FACTORY PRE-WIRED

DIVISION 23 WIRING

NOTES:

FOR NOTES SEE SHEET ME701



WIRING DIAGRAM

SYSTEMS: F-3

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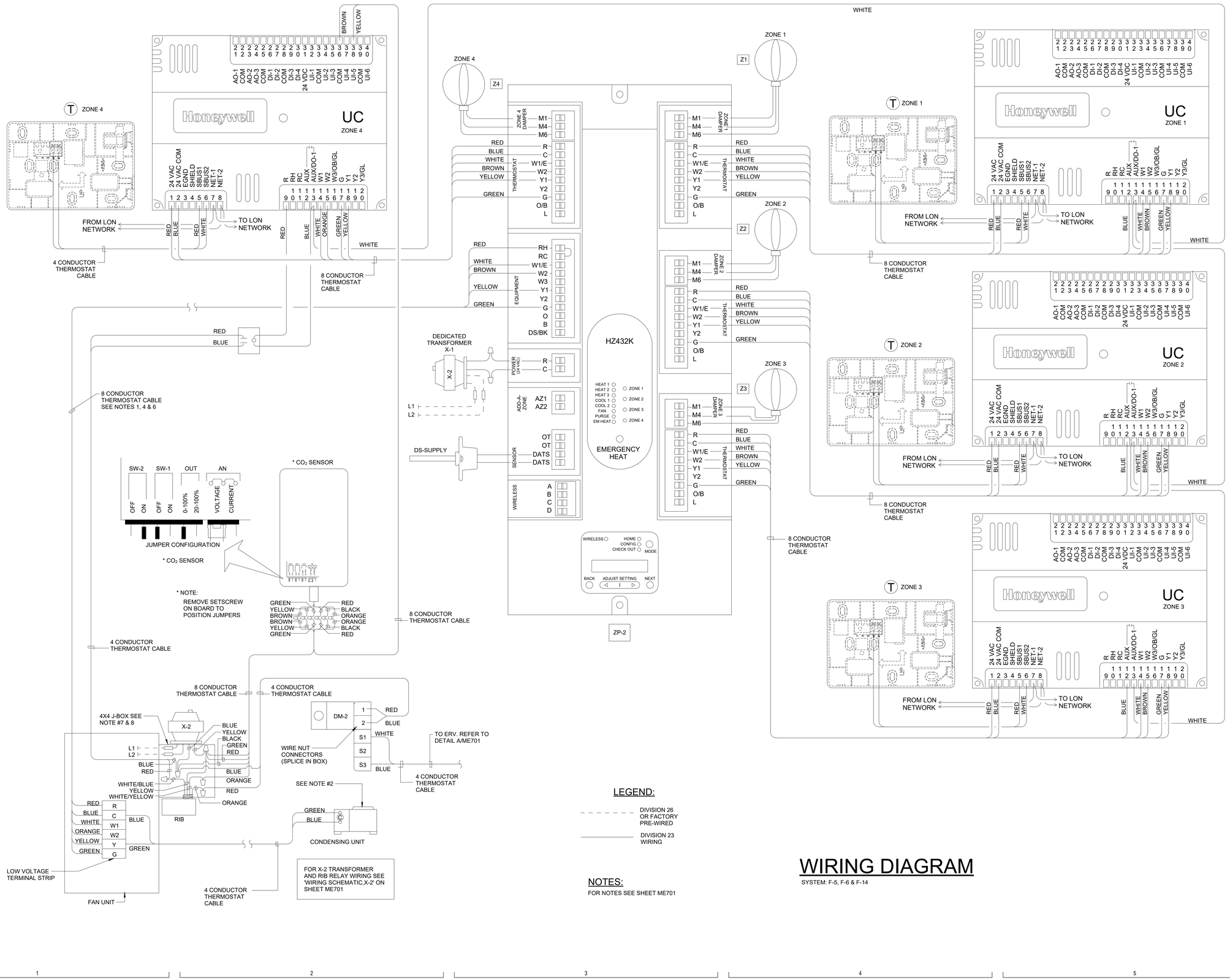
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

AUTOMATIC TEMPERATURE CONTROL WIRING

ME703

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WIRING DIAGRAM

SYSTEM: F-5, F-6 & F-14

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BUILDING PERMIT SUBMISSION

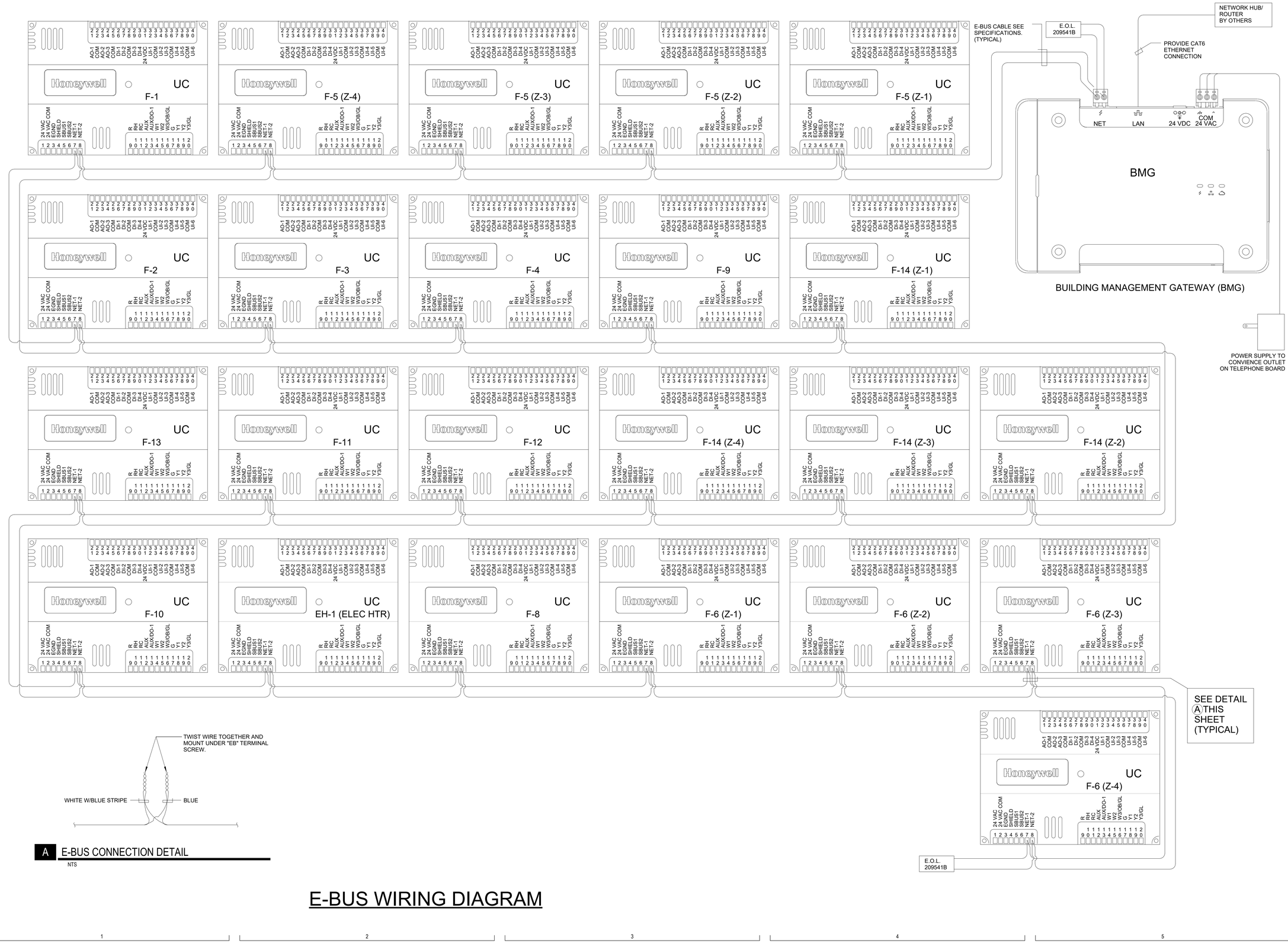
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

AUTOMATIC TEMPERATURE CONTROL WIRING

ME704

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A E-BUS CONNECTION DETAIL
NTS

E-BUS WIRING DIAGRAM

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LEGACY FARMS LDS STAKE CENTER #501-4029
2107 E HERITAGE DR, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	02.09.26

REV	DATE	DESCRIPTION

AUTOMATIC TEMPERATURE CONTROL WIRING

ME705

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SYMBOL LEGEND - MISC

REFERENCE LINES AND SYMBOLS

SYMBOL	DESCRIPTION
	VIEW OR DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW OR DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR: # INDICATES VIEW NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW IS SHOWN.
NAME LOC	ROOM / SPACE INDICATOR
#	KEYNOTE INDICATOR
#	REVISION INDICATOR
XX-##	PLUMBING FIXTURE INDICATOR
XX-##	EQUIPMENT INDICATOR
TAG CFM	REGISTER, GRILLE, OR DIFFUSER INDICATOR
OR	BREAKLINE
MATCH LINE SEE XX/XXX	MATCHLINE INDICATOR
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE
	NEW CONNECTION TO EXISTING
	POINT OF DEMOLITION

SYMBOL LEGEND - PIPING

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	HOSE BIBB / WALL HYDRANT
	CLEANOUT TO GRADE
	FLOOR CLEANOUT
	WALL CLEANOUT
	FLOOR DRAIN
	FLOOR SINK

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

PIPING LEGEND

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

ABBREVIATION	DESCRIPTION
160	160°F HOT WATER
160R	160°F HOT WATER RETURN / CIRCULATION
180	180°F HOT WATER
180R	180°F HOT WATER RETURN / CIRCULATION
AW	ACID WASTE
AV	ACID VENT
CO2	CARBON DIOXIDE
CWV	COMBINATION WASTE AND VENT
CA	COMPRESSED AIR
CD	CONDENSATE DRAIN
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRCULATION
DI	DEIONIZED WATER
DSW	DOMESTIC SOFT WATER
	DEMOLISHED PIPING
FP	FIRE PROTECTION
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
GW	GREASE WASTE
HPC	HIGH PRESSURE CONDENSATE
MPC	MEDIUM PRESSURE CONDENSATE
LPC	LOW PRESSURE CONDENSATE
ICW	INDUSTRIAL COLD WATER
IHW	INDUSTRIAL HOT WATER
IW	IRRIGATION WATER
LPG	LIQUID PROPANE GAS
MA	MEDICAL AIR
NG	NATURAL GAS
NO	NITROUS OXIDE
O	OXYGEN
PC	PUMPED CONDENSATE
RW	RAINWATER / STORM DRAIN
SRW	SECONDARY RAINWATER / STORM DRAIN
SS	SANITARY SEWER
VAC	VACUUM
V	VENT

SYMBOL LEGEND - PIPING

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SYMBOL	DESCRIPTION
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTOMATIC 2-WAY VALVE
	AUTOMATIC 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
S	SOLENOID VALVE
	ANGLE VALVE
	VENTURI VALVE
	BALANCING OR PLUG COCK
	FLOW SETTER
	EXPANSION VALVE
	GAS COCK
MAV	MANUAL AIR VENT
	STRAINER
	GAUGE COCK
	FLEXIBLE CONNECTION
	PRESSURE GAUGE
	THERMOMETER
	PIPE REDUCER
	REFRIGERANT SITE GLASS
	REFRIGERANT STRAINER
	REFRIGERANT FILTER DRIER
	90 DEGREE ELBOW UP
	90 DEGREE ELBOW DOWN
	90 DEGREE TEE UP
	90 DEGREE TEE DOWN
	PIPE UNION
	PIPE CAP
	PIPE ANCHOR
	FLOAT AND THERMOSTATIC TRAP

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

(E)	EXISTING
(F)	FUTURE
AC	AIR CONDITION(-ING,-ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC
DP	DEPTH, DEEP, OR DROP IN PRESSURE
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT(-E, -ING, -ED, -OR)
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HTG	HEATING
HZ	HERTZ (FREQUENCY)
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTUR(-ER, -ED)
NC	NORMALLY CLOSED OR NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OZ	OUNCE
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPOLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
RA	RETURN AIR
RECIRC	RECIRCULATE (-ER, -ED, -ING)
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SH	SENSIBLE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
STD	STANDARD
SW	SOIL, WASTE
TA(R)	TRANSFER AIR (RETURN)
TA(S)	TRANSFER AIR (SUPPLY)
TD	TEMP. DROP OR DIFF.
TEMP	TEMPERATURE
TOT	TOTAL
TSTAT	THERMOSTAT
V	VOLT, VOLTAGE OR VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENT, VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VTR	VENT THROUGH ROOF
WB	WET BULB TEMP
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WTR	WATER

PLUMBING GENERAL NOTES

1. THE PLUMBING DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENT AND EXTENT OF THE PLUMBING SYSTEM. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THESE DRAWINGS DO NOT SHOW ALL OFFSETS, BENDS OR ELBOWS NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. CONTRACTOR SHALL MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT. MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES OR MATERIAL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER.
2. THE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH.
3. THE ENTIRE PLUMBING INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODES, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, AND ALL OTHER APPLICABLE CITY, COUNTY, STATE, AND FEDERAL CODES AND REGULATIONS IN EFFECT.
4. THE ENTIRE PLUMBING INSTALLATION SHALL CONFORM TO ANY CODES, RULES, REGULATIONS AND REQUIREMENTS OF THE BUILDING OWNER.
5. PRIOR TO FABRICATION AND INSTALLATION OF ANY PLUMBING COMPONENT THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.
6. ALL PLUMBING INFORMATION IS NOT SHOWN ON THE PLUMBING DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW AND USE, WHERE APPROPRIATE, ALL THE PLUMBING DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE PLUMBING SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
8. ANY PART OF THE PLUMBING INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
9. PROVIDE PROPER PROVISIONS FOR EXPANSION, CONTRACTION, OR MOVEMENT OF ALL PIPING.
10. PROVIDE LARGE ENOUGH PIPE SLEEVES THROUGH WALL OR FLOOR TO ALLOW FOR ANTICIPATED DIFFERENTIAL MOVEMENT.
11. ALL PIPING SHALL BE SUPPORT WITH CLEVIS HANGERS (MSS TYPE 1). PERFORATED METAL STRAPS OR PLASTIC STRAPPING (PLUMBER TAPE) SHALL NOT BE USED TO SUPPORT OR BRACE ANY PIPE.
12. PROVIDE PIPE HANGERS WITHIN 18-INCHES OF ALL CHANGES OF DIRECTION.
13. PROVIDE SWAY BRACING FOR ALL PIPING 4" AND LARGER AT ALL CHANGES IN DIRECTION GREATER THAN 45-DEGREES.
14. ALL STEEL CLEVIS HANGERS USED TO SUPPORT COPPER PIPING SHALL BE COPPER OR PLASTIC COATED.
15. COPPER PIPING SHALL NOT COME IN CONTACT WITH FIRE TREATED LUMBER. PROVIDE ½" THICK SLIP-ON CLOSED CELL INSULATION WHERE COPPER PIPING IS ADJACENT TO FIRE TREATED LUMBER. CLOSED CELL INSULATION SHALL EXTEND A MINIMUM OF 1-1/2" PAST LUMBER.
16. ALL EXPOSED PIPING SHALL BE INSTALLED IN A NEATLY ARRANGED MANNER PARALLEL TO THE BUILDING STRUCTURE.
17. ALL EXPOSED DOMESTIC WATER PIPE IN OCCUPIED SPACES SHALL BE POLISHED CHROME PLATED.
18. ALL EXPOSED DRAINAGE PIPING IN OCCUPIED SPACES INCLUDING TRAPS UNDER SINKS SHALL BE POLISHED CHROME PLATED.
19. DRAWINGS SHOW GENERAL ARRANGEMENT OF THE DRAIN WASTE AND VENT SYSTEM WITH THE REQUIRED CLEANOUTS. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL CLEANOUTS AS REQUIRED BY THE PLUMBING CODE.
20. ALL SANITARY DRAINAGE SYSTEM PIPING 3" AND LARGER SHALL BE SLOPED IN DIRECTION OF FLOW AT A MINIMUM OF 1/8" PER FOOT.
21. ALL SANITARY DRAINAGE SYSTEM PIPING SMALLER THAN 3" SHALL BE SLOPED IN DIRECTION OF FLOW AT A MINIMUM OF 1/4" PER FOOT.
22. SLOPE VENT SYSTEM TOWARDS DRAINAGE SYSTEM.
23. SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER.
24. ALL EQUIPMENT SHALL PROVIDE THE SCHEDULED PERFORMANCE AT THE JOB SITE ELEVATION.
25. FIXTURE AND EQUIPMENT MODEL NUMBERS SHOWN IN PLUMBING FIXTURE SCHEDULE AND PLUMBING EQUIPMENT SCHEDULE ARE SHOWN TO ESTABLISH THE TYPE OF PRODUCT THAT SHALL BE USED. THE SELECTED PRODUCT SHALL MEET THE SCHEDULED PERFORMANCE DATA SHOWN ON THE SCHEDULE EVEN IF A DIFFERENT MODEL IS SUPPLIED THAT IS DIFFERENT THAN THAT SCHEDULED.
26. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE ALL NECESSARY FITTINGS, TRANSITIONS, VALVES AND OTHER DEVICES AND ACCESSORIES REQUIRED FOR A COMPLETE, WORKABLE INSTALLATION.
27. SEE "PLUMBING FIXTURE SCHEDULE" FOR INDIVIDUAL TRAPS, WASTE, VENT, AND DOMESTIC WATER PIPING FOR INDIVIDUAL FIXTURES.
28. ALL PLUMBING EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.
29. FIXTURES, EQUIPMENT AND PIPING INSTALLATION SHALL MEET NSF STANDARDS.

PLUMBING SHEET INDEX

P001	PLUMBING COVER SHEET
P100	PLUMBING PLAN - BELOW GRADE
P101	DWV PLUMBING PLAN - LEVEL 01
P102	DWV PLUMBING PLAN - LEVEL 02
P111	WATER & GAS PLUMBING PLAN - LEVEL 01
P112	WATER & GAS PLUMBING PLAN - LEVEL 02
P401	ENLARGED PLUMBING PLANS
P501	PLUMBING DETAILS
P502	PLUMBING DETAILS
P601	PLUMBING SCHEDULES AND GAS PIPING SCHEMATIC

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JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

PLUMBING COVER SHEET

P001

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SHEET KEYNOTES

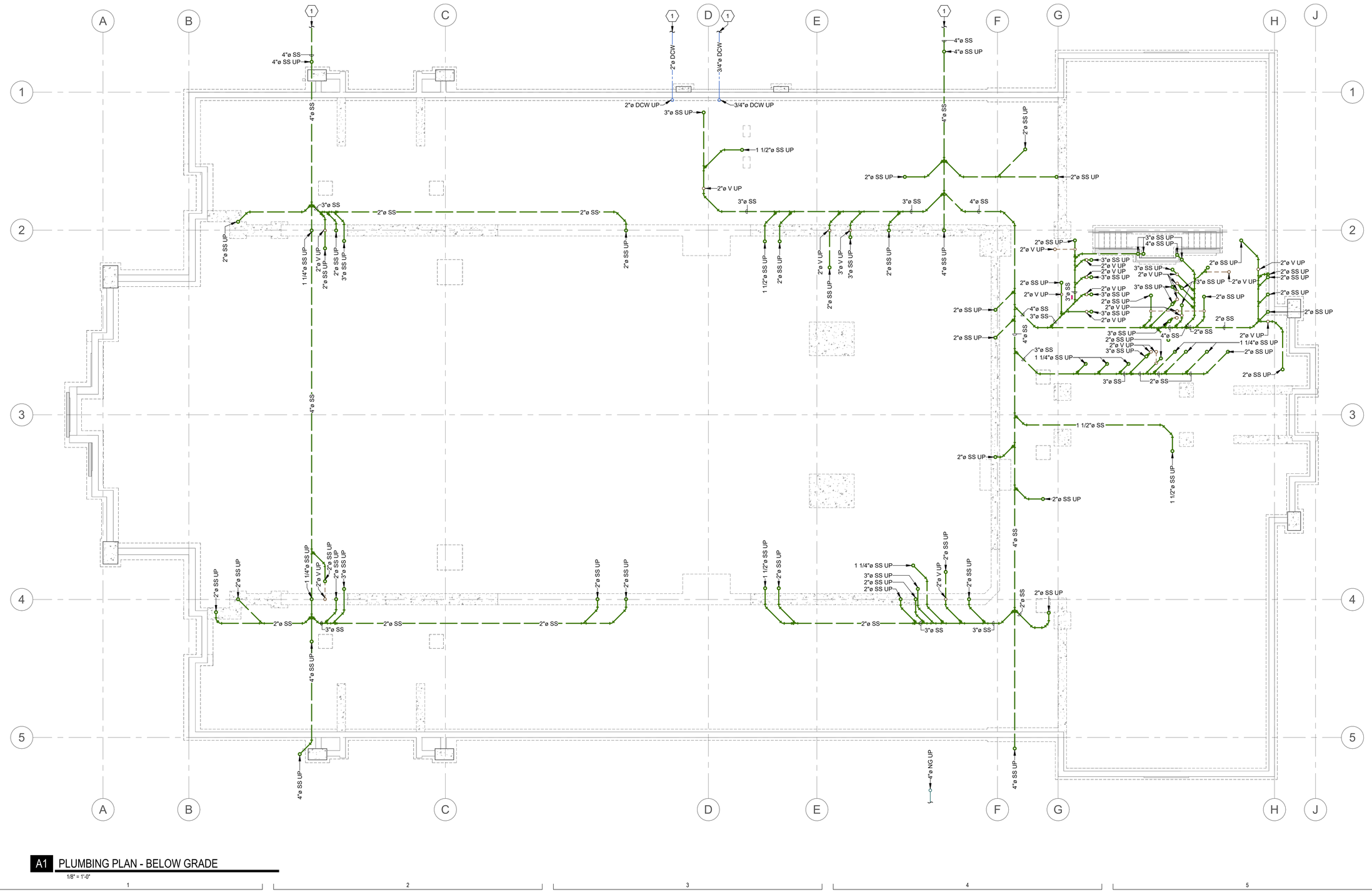
1 SEE SITE UTILITY PLAN FOR CONTINUATION.

GENERAL SHEET NOTES

1. ALL PLUMBING SHALL COMPLY WITH THE MOST STRINGENT OF APPLICABLE CODES, ORDINANCES, OR THE SPECIFICATIONS.
2. REFER TO MECHANICAL SHEETS FOR LOCATIONS OF MECHANICAL EQUIPMENT AND DUCTWORK AND CORRELATE ALL WORK TO FIT AVAILABLE SPACE.
3. FOR INDIVIDUAL LINE SIZES TO FIXTURES SEE PLUMBING FIXTURE SCHEDULE SHEET P601.
4. DO NOT RUN PLUMBING IN SHEAR WALLS UNLESS NOTED OTHERWISE.
5. MINIMUM WATER PIPING UNDER CONCRETE SLAB SHALL BE 3/4".

GENERAL SHEET NOTES

6. DUE TO THE CLOSE PROXIMITY OF THE WATER, VENT AND DRAIN PIPING AS WELL AS DUCTWORK, EQUIPMENT, AND HVAC PIPING, THE PLUMBING CONTRACTOR SHALL COORDINATE THE INSTALLATION WITH THE MECHANICAL AND SHEET METAL CONTRACTORS.
7. FOR PIPE SIZES NOT SHOWN ON THIS SHEET, SEE LARGE SCALE PLANS AND PIPING SCHEMATICS SHEET P401.
8. REFER TO MECHANICAL SHEETS FOR ANY ADDITIONAL WORK.
9. ALL NATURAL GAS PIPING 2-1/2" OR GREATER TO BE WELDED.



A1 PLUMBING PLAN - BELOW GRADE

1/8" = 1'-0"

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PROFESSIONAL ENGINEER
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CARL G. GATRELL
10/10/2025
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

PLUMBING PLAN - BELOW GRADE

P100

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SHEET KEYNOTES

1 PIPING RUN HORIZONTALLY IN FLOOR/CEILING JOISTS.

2 REFER TO DETAIL E/P501.

GENERAL SHEET NOTES

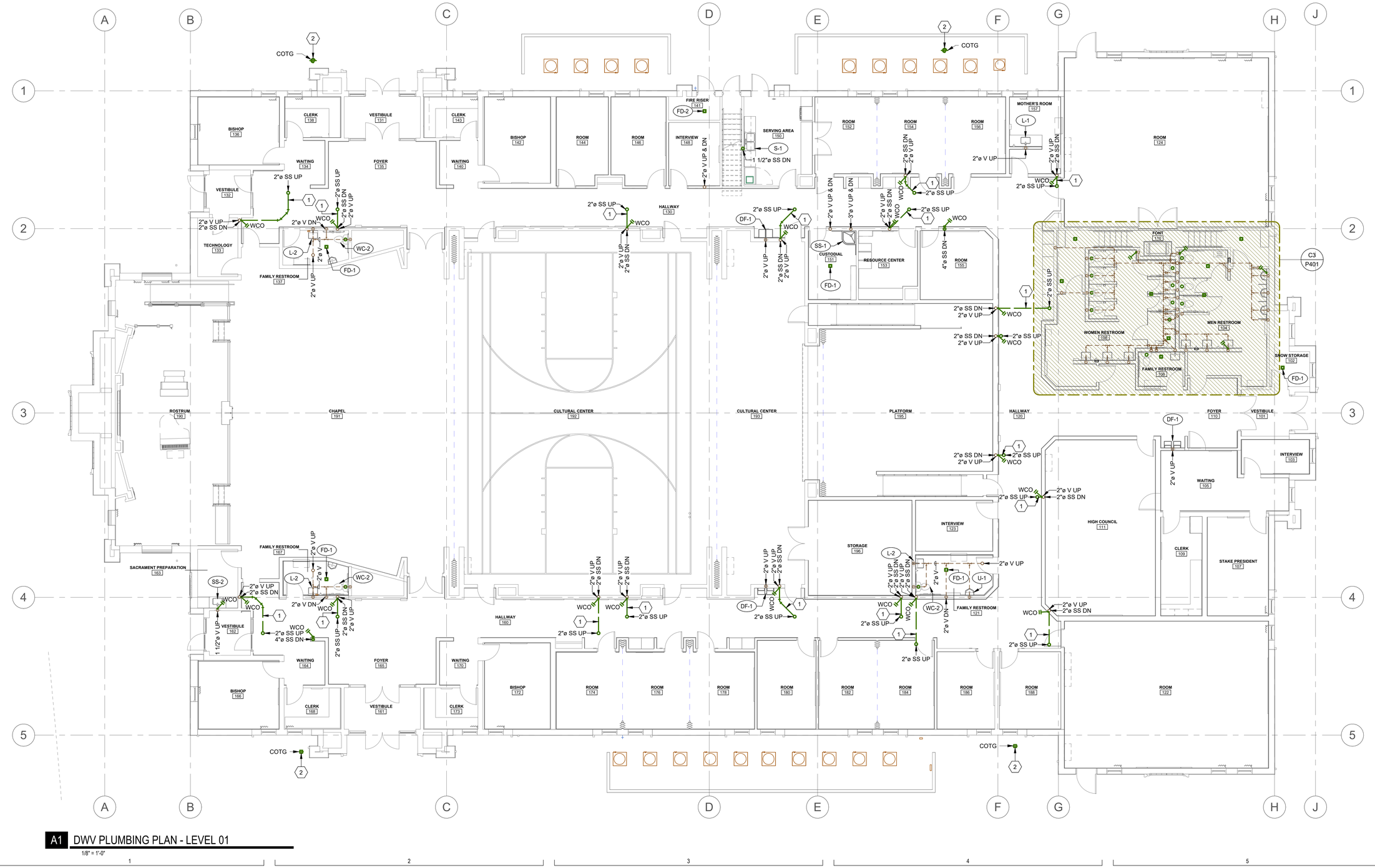
1. ALL PLUMBING SHALL COMPLY WITH THE MOST STRINGENT OF APPLICABLE CODES, ORDINANCES, OR THE SPECIFICATIONS.
2. ALL FIXTURES SHALL BE PROPERLY VENTED TO THE ATMOSPHERE.
3. REFER TO MECHANICAL SHEETS FOR LOCATIONS OF MECHANICAL EQUIPMENT AND DUCTWORK AND CORRELATE ALL WORK TO FIT AVAILABLE SPACE.
4. GAS LINE TO BE RUN IN MECHANICAL EQUIPMENT ACCESS AREA UNLESS OTHERWISE NOTED OR SHOWN.
5. WATER PIPING AND VENT PIPING SHALL BE RUN IN MECHANICAL EQUIPMENT ACCESS AREA UNLESS OTHERWISE NOTED OR SHOWN.

GENERAL SHEET NOTES

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11. REFER TO MECHANICAL SHEETS FOR ANY ADDITIONAL WORK.

GENERAL SHEET NOTES

12. COORDINATE LOCATION OF EACH DOMESTIC WATER ISOLATION VALVE WITH MECHANICAL AND SHEET METAL INSTALLATION TO PROVIDE REQUIRED ACCESS AND VISIBILITY TO VALVE.
13. COORDINATE EXACT LOCATION OF HW CIRCULATION PUMP OCCUPANCY SENSORS WITH ARCHITECT. LOCATE ON CEILING AWAY FROM LIGHTS, DIFFUSERS, AND FIRE SPRINKLER HEADS. COORDINATE INSTALLATION OF J-BOX AND CONDUIT WITH DIV. 26.
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DATE:	02.09.26

REV	DATE	DESCRIPTION

DWV PLUMBING PLAN - LEVEL 01

P101

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SHEET KEYNOTES

1 REFER TO DETAIL F/P501.

2 REFER TO DETAIL H/P501. TYPICAL.

3 FAN UNIT DRAIN PAN WITH SD (SECONDARY DRAIN) AND D (DRAIN) LINES RUN TO NEAREST CR-1, SEE GENERAL NOTE #5. REFER TO DETAIL D/M503. TYPICAL FOR ALL FAN UNITS.

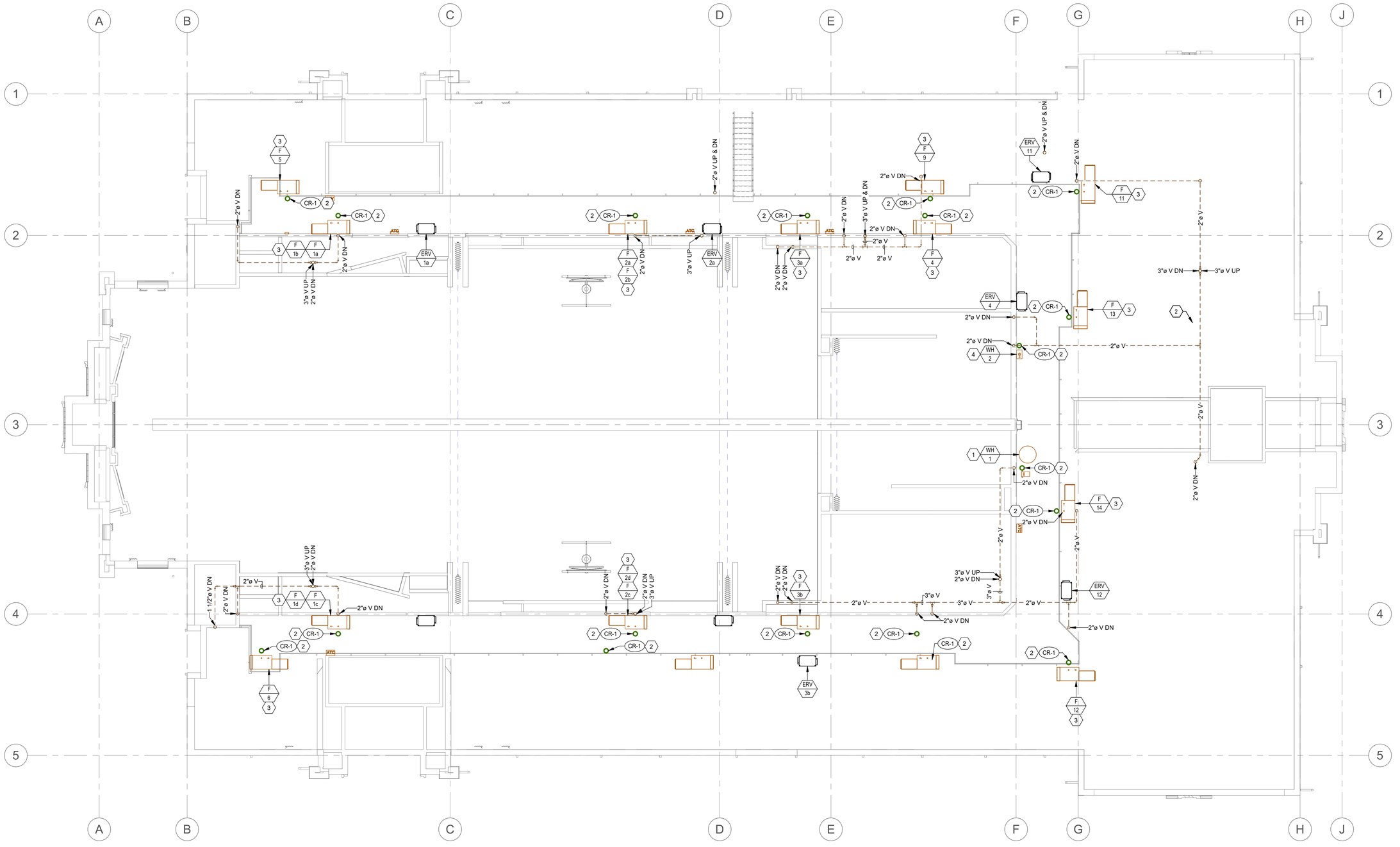
4 REFER TO DETAIL E/P502.

GENERAL SHEET NOTES

1. LEAVE 6" CLEAR SPACE ON EQUIPMENT DECK BETWEEN FAN UNITS, DUCTWORK, ETC. AND HIGH WALL FOR GAS PIPING, CONDUIT, DRAINS, ETC. RACK ALL PIPING AND CONDUIT ON WALL WITH UNISTRUT.
2. REFER TO MECHANICAL SHEETS FOR LOCATIONS OF MECHANICAL EQUIPMENT AND DUCTWORK. COORDINATE ALL WORK TO FIT AVAILABLE SPACE.
3. DO NOT BLOCK ACCESS WALKWAY WITH PIPING, DUCT, CONDUIT, ETC. WHEN CROSSING WALKWAY RUN HIGH OVERHEAD. NO PIPING, DUCTWORK, CONDUIT, ETC. SHALL BE RUN LOWER THAN DUCTWORK.
4. DUE TO THE CLOSE PROXIMITY OF THE WATER, VENT, DRAIN PIPING, AND DUCTWORK, THE PLUMBING CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING WITH THE MECHANICAL AND SHEET METAL CONTRACTORS.

GENERAL SHEET NOTES

5. TYPICAL FOR ALL FAN UNITS AND COOLING COILS. DO NOT OBSTRUCT WALKWAY. SHOWN HERE FOR CLARITY ONLY. REFER TO DETAIL D/M503, COMBINE PRIMARY DRAINS OF EACH FAN UNIT AND COOLING COIL TO A 1" PIPE SIZE. SEE DETAIL B/P502 FOR PIPE SUPPORT.
6. ALL NATURAL GAS PIPING 2-1/2" OR GREATER TO BE WELDED.



A1 DWV PLUMBING PLAN - LEVEL 02

1/8" = 1'-0"

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DATE:	02.09.26

REV	DATE	DESCRIPTION

DWV PLUMBING PLAN - LEVEL 02

P102

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SHEET KEYNOTES

1 HW CIRCULATION PUMP HARDWIRED OCCUPANCY SENSOR LOCATION. SEE GENERAL NOTE #13.

2 WATER PRESSURE REDUCING STATION. REFER TO DETAIL B/P501.

3 PIPE DOWN TO BELOW GRADE TO SERVE PAVILION. PROVIDE SHUT-OFF VALVE AND BLOW-OUT PORT IN FIRE RISER [170] ROOM. PIPE DOWN TO BELOW GRADE TO SERVE PAVILION AND AT THE DRINKING FOUNTAIN (DF-2) LOCATED AT THE PAVILION. ALL WATER PIPING SERVING DF-2 SHALL BE SLOPED BACK TO THE MEETINGHOUSE BUILDING.

4 REFER TO DETAIL A/P501.

5 GAS METER. COORDINATE LOCATION WITH MECHANICAL. LOCATE INSIDE MECHANICAL SCREEN ENCLOSURE. 3'-0" CLEARANCE REQUIRED BETWEEN GAS METER AND ANY CONDENSING UNIT.

GENERAL SHEET NOTES

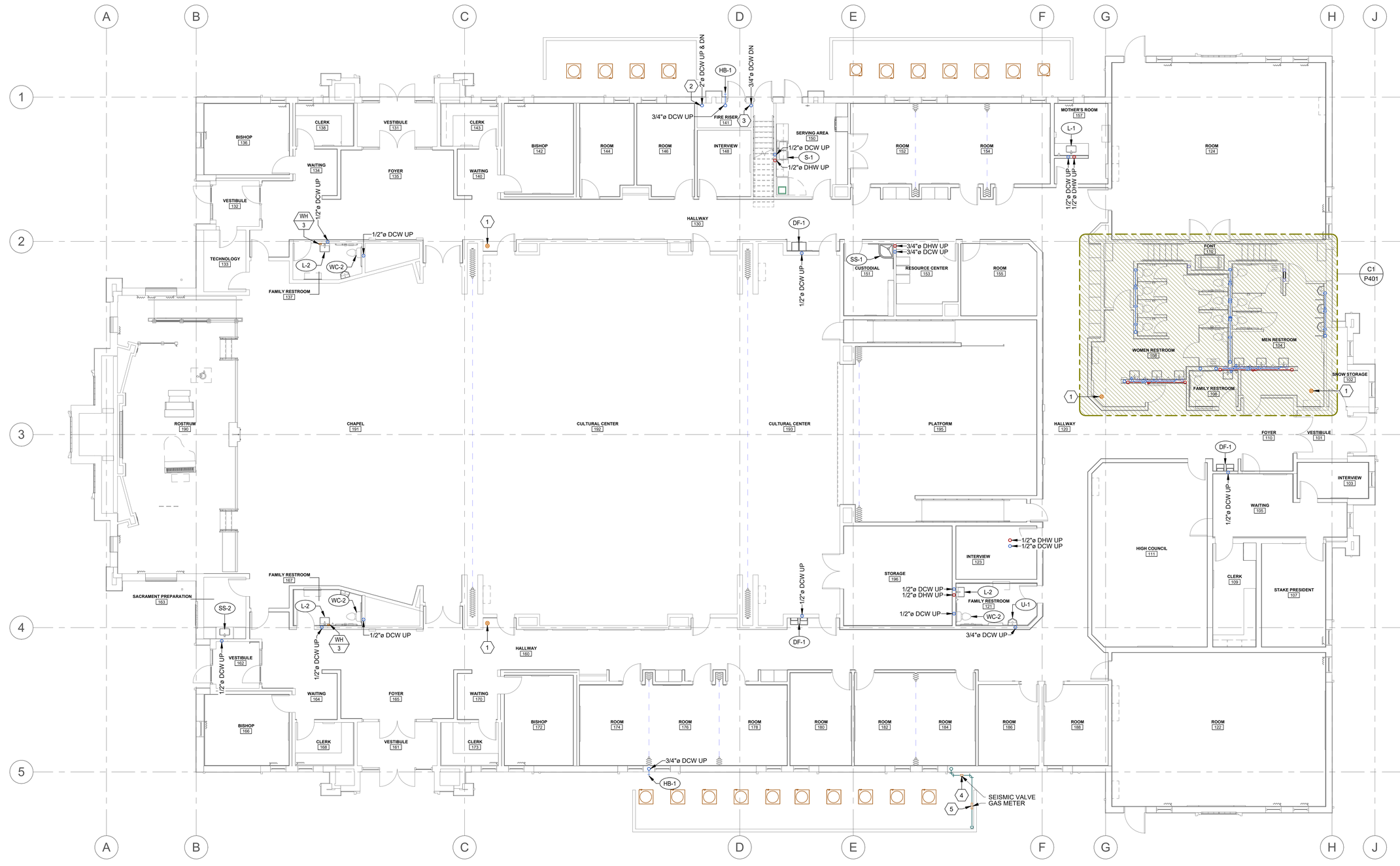
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A1 WATER & GAS PLUMBING PLAN - LEVEL 01

1/8" = 1'-0"

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No. 11769082-2202
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02/06/2026
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 02.09.26

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WATER & GAS PLUMBING PLAN - LEVEL 01

P111

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SHEET KEYNOTES

1 REFER TO DETAIL F/P501.

2 PIPING IS SHOWN HORIZONTALLY MOUNTED FOR CLARITY. PIPING SHALL BE STACKED ON WALL.

3 SHUT-OFF VALVE IN DCW DROP. REFER TO C1/P401 AND GENERAL NOTE #12 ON SHEET P111.

4 REFER TO DETAIL E/P502.

5 PIPE OFFSETS IN THIS LOCATION.

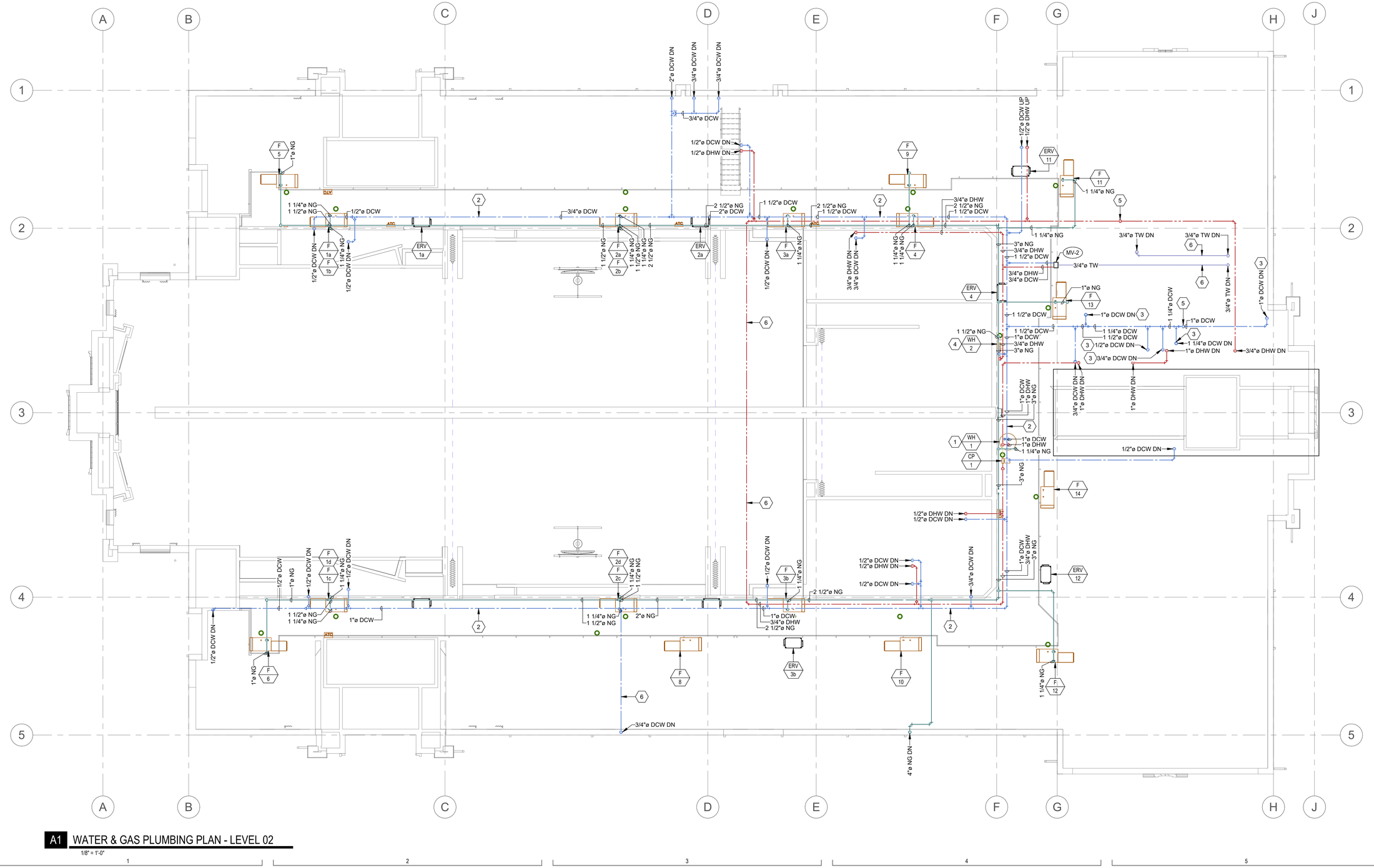
6 PIPE TO FOLLOW THE SLOPE OF THE ROOF.

GENERAL SHEET NOTES

1. LEAVE 6" CLEAR SPACE ON EQUIPMENT DECK BETWEEN FAN UNITS, DUCTWORK, ETC. AND HIGH WALL FOR GAS PIPING, CONDUIT, DRAINS, ETC. RACK ALL PIPING AND CONDUIT ON WALL WITH UNISTRUT.
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6. ALL NATURAL GAS PIPING 2-1/2" OR GREATER TO BE WELDED.



A1 WATER & GAS PLUMBING PLAN - LEVEL 02

1/8" = 1'-0"

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LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

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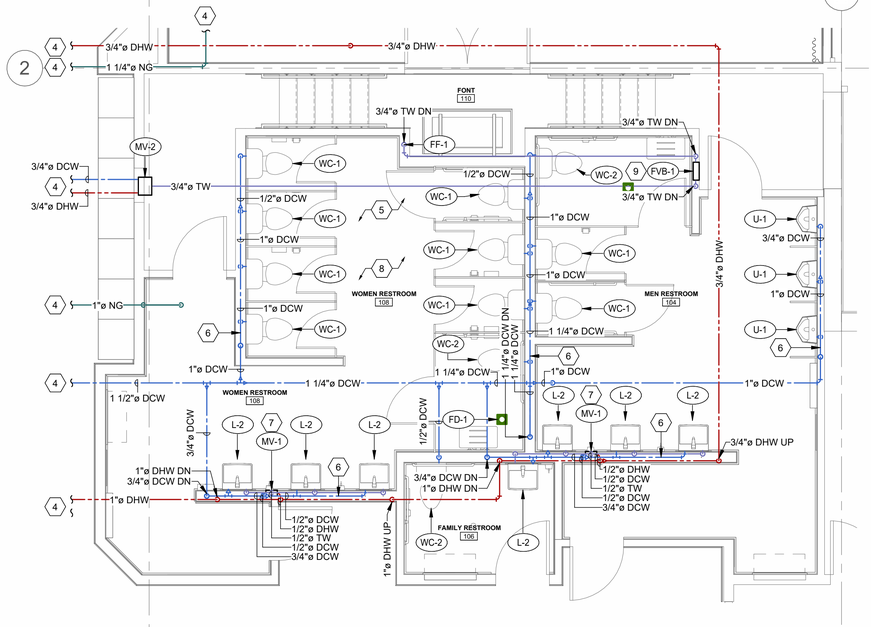
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WATER & GAS PLUMBING PLAN - LEVEL 02

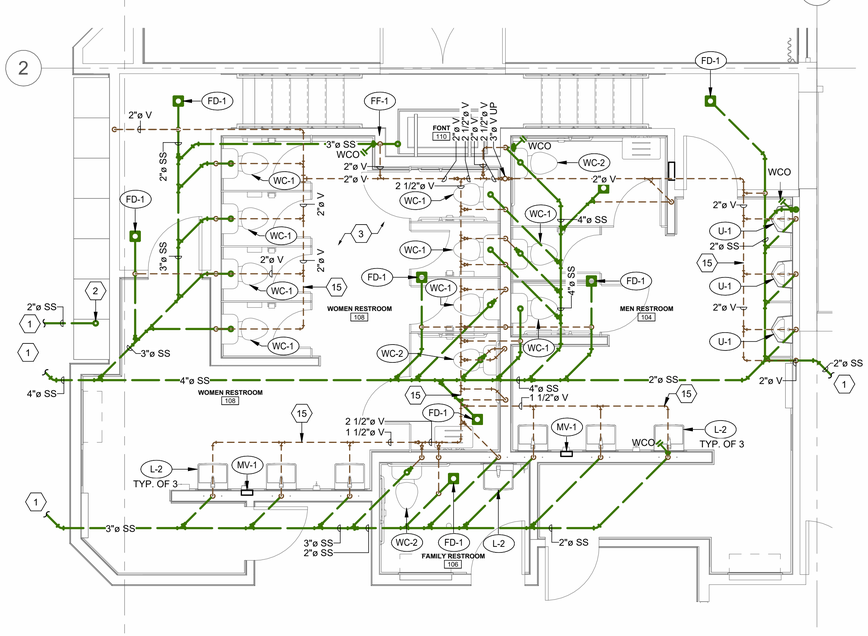
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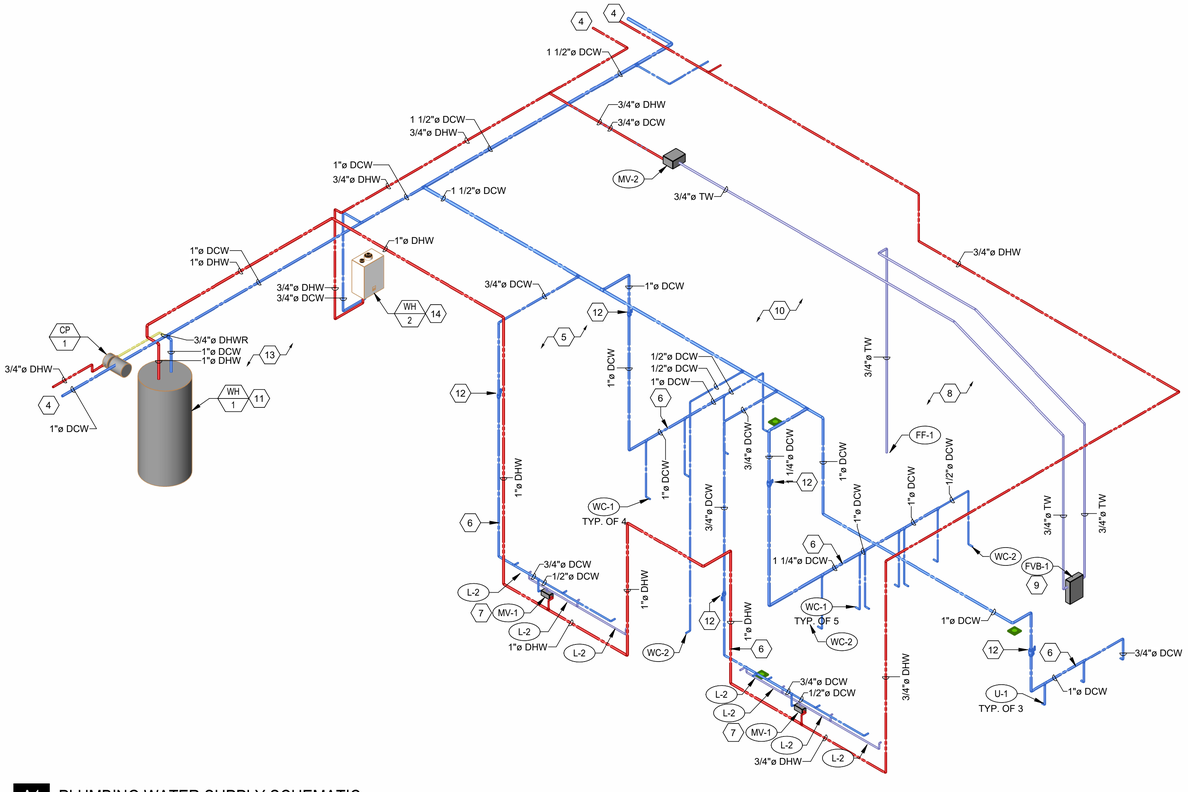
C1 LARGE SCALE WATER SUPPLY PLUMBING PLAN

1/4" = 1'-0"

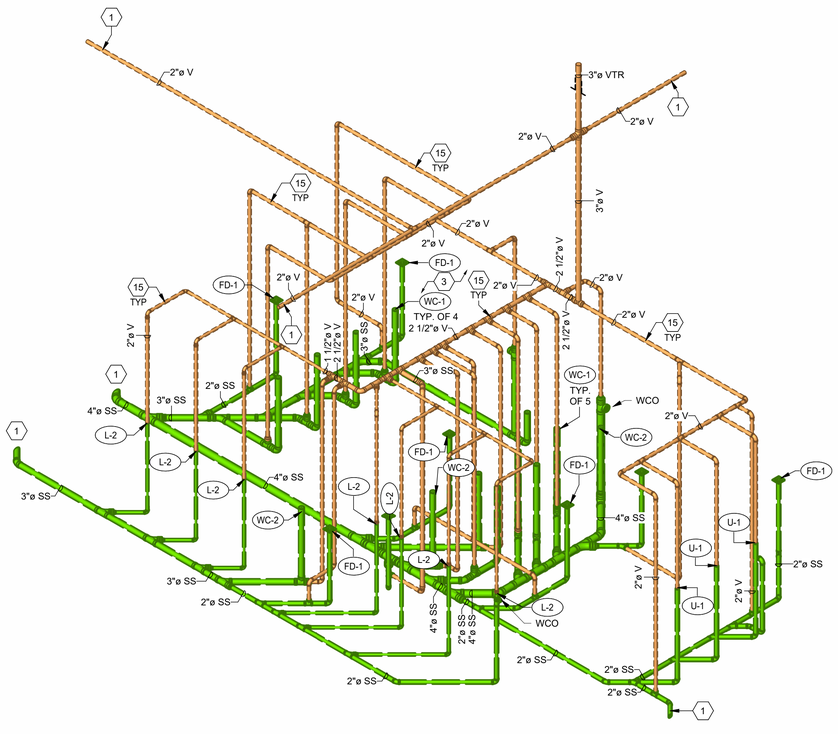


C3 LARGE SCALE WASTE AND VENT PLUMBING PLAN

1/4" = 1'-0"



A1 PLUMBING WATER SUPPLY SCHEMATIC



A4 PLUMBING WASTE AND VENT SCHEMATIC

SHEET KEYNOTES

1 REFER TO SHEET P100 FOR CONTINUATION.

2 2" WASTE UP TO CONDENSATE RECEIVER CR-1. COORDINATE WITH MECHANICAL DUCTWORK AND EQUIPMENT. REFER TO SHEET P102 FOR CONTINUATION.

3 THIS VIEW INCLUDES DWV PIPING FOR THE MAIN RESTROOMS ABOVE GRADE.

4 REFER TO SHEET P112 FOR CONTINUATION.

5 WATER PIPING LOCATED AT MEZZANINE LEVEL SHOWN FOR CLARITY.

6 WATER PIPING LOCATED IN PLUMBING WALL AT FIXTURE LEVEL.

7 THERMOSTATIC MIXING VALVE INSIDE WALL WITH LOCKING ACCESS DOOR. COORDINATE LOCATION WITH ARCHITECTURAL.

8 THIS VIEW SHOWS DOMESTIC WATER PIPING FOR THE MAIN RESTROOMS ON THE MAIN FLOOR AND AT THE EQUIPMENT PLATFORM LEVEL.

9 FONT VALVE BOX. REFER TO DETAIL D/P502. COORDINATE LOCATION WITH ARCHITECTURAL. BOX SHALL BE ACCESSIBLE FROM THE FONT SIDE.

10 CONTRACTOR SHALL RUN ALL WATER LINES WITHIN BUILDING INSULATION ENVELOPE.

11 REFER TO DETAIL F/P501.

12 BRANCH SHUT-OFF VALVE. SEE GENERAL NOTE #12 ON SHEET P111.

13 WATER HEATER AND CIRCULATOR PUMP LOCATED AT MEZZANINE LEVEL SHOWN FOR CLARITY.

14 REFER TO DETAIL E/P502.

15 PIPING RUN HORIZONTALLY IN FLOOR/CEILING JOISTS.

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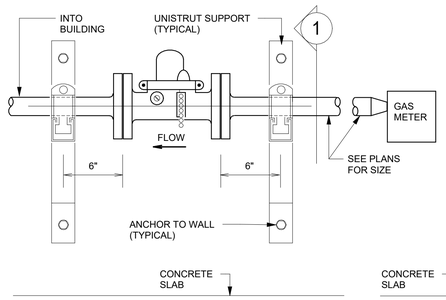
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ENLARGED PLUMBING PLANS

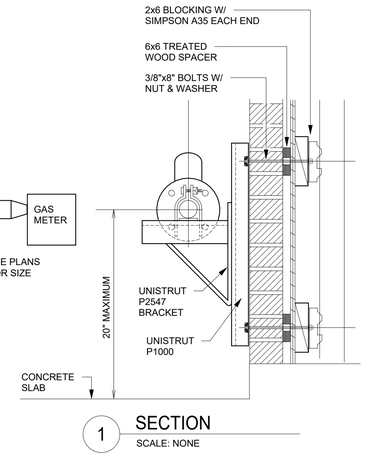
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NOTES:
1. VALVE MUST BE INSTALLED WITH THE CHAIN AND RESET BUTTON FACING OUT AND ACCESSIBLE.
2. THE CHAIN IS A PLUMB LINE. MAKE SURE VALVE IS MOUNTED ABSOLUTELY LEVEL AND NO PART OF THE CHAIN IS TOUCHING THE RING.
3. VALVE MUST BE INSTALLED WITH GAS FLOW IN DIRECTION OF "ARROW" CAST INTO VALVE BODY.
4. SEISMIC VALVE TO BE LOCATED WITHIN THE FIRST SIX LINEAL FEET OF PIPE FROM METER.
5. SEISMIC VALVE MUST BE SAME SIZE AS LINE INTO BUILDING. SEISMIC VALVE MUST BE 2" MINIMUM FLANGED.



ELEVATION VIEW

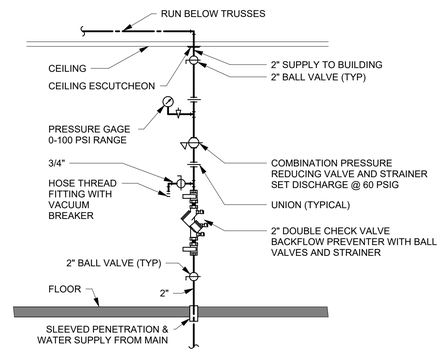


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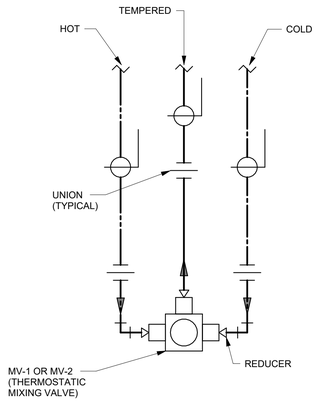
A SEISMIC VALVE DETAIL

NTS



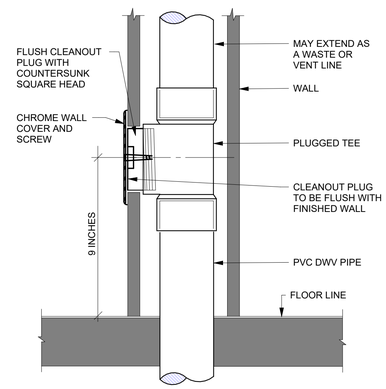
B VERTICAL WATER PRESSURE REDUCING STATION DETAIL

NTS



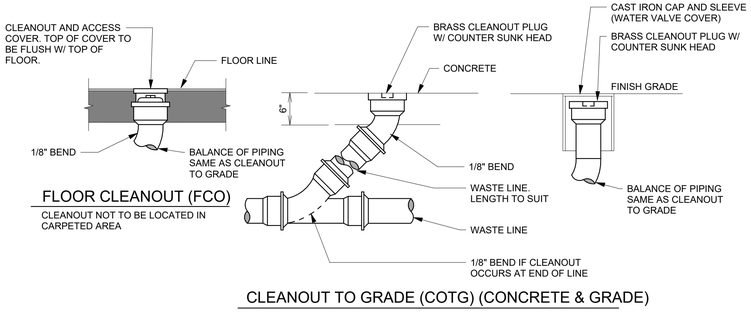
C MIXING VALVE PIPING SCHEME

NTS



D WALL CLEANOUT DETAIL

NTS



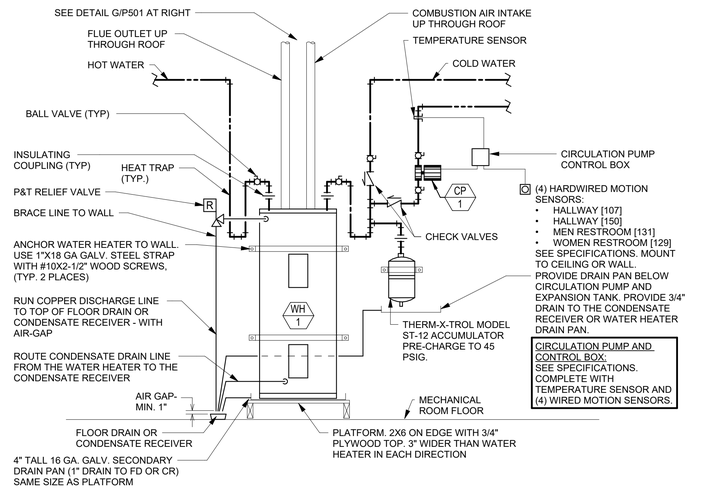
FLOOR CLEANOUT (FCO)

CLEANOUT NOT TO BE LOCATED IN CARPETED AREA

CLEANOUT TO GRADE (COTG) (CONCRETE & GRADE)

E CLEANOUT DETAILS

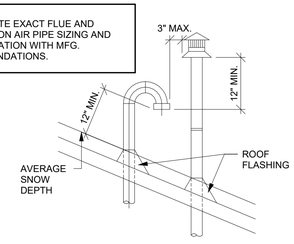
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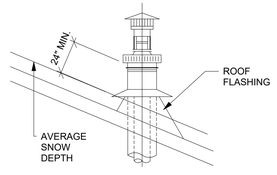
F TANK WATER HEATER PIPING DETAIL

NTS

NOTE:
COORDINATE EXACT FLUE AND COMBUSTION AIR PIPE SIZING AND CONFIGURATION WITH MFG. RECOMMENDATIONS.



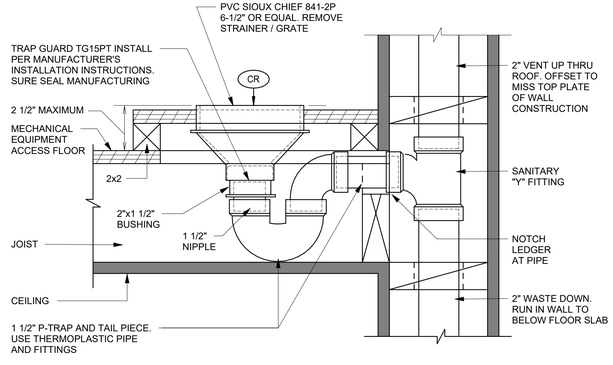
DOUBLE ROOF PENETRATION



SINGLE ROOF PENETRATION

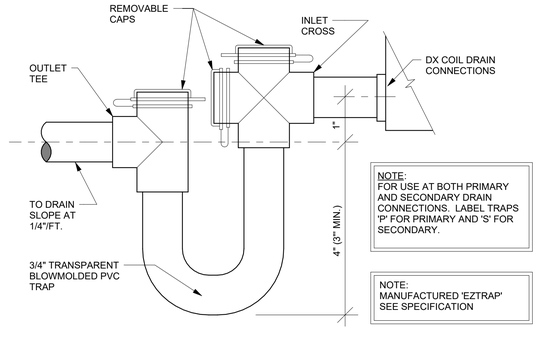
G WATER HEATER VENTING PENETRATION DETAILS

NTS



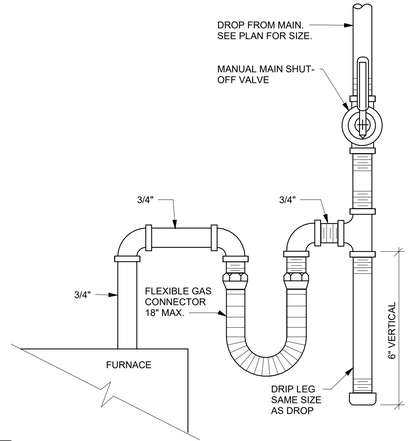
H CONDENSATE RECEIVER DETAIL

NTS



I DX COIL CONDENSATE DRAIN DETAIL

NTS



J GAS LINE CONNECTION DETAIL

NTS

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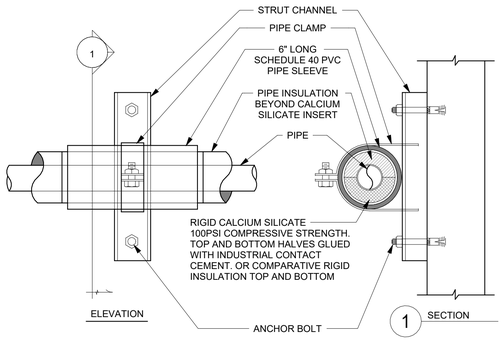
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

PLUMBING DETAILS

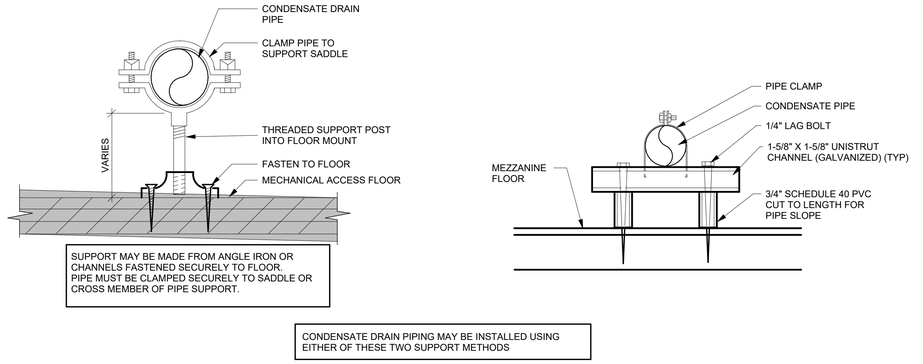
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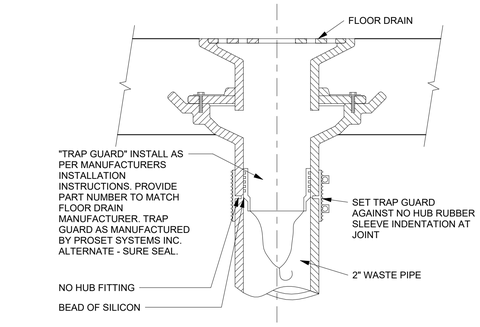
A WALL PIPE SUPPORT DETAIL

NTS



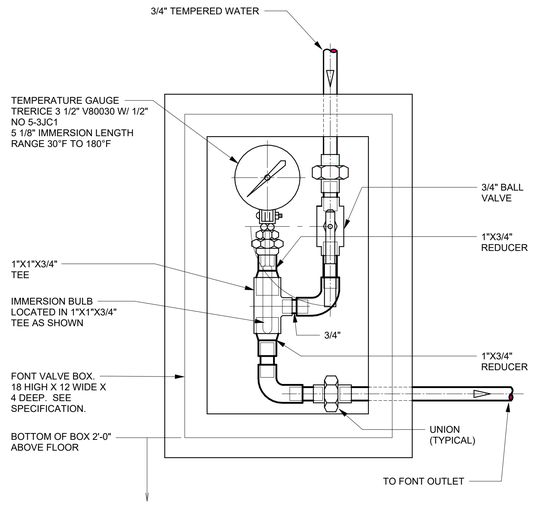
B CONDENSATE DRAIN PIPE SUPPORT DETAIL

NTS



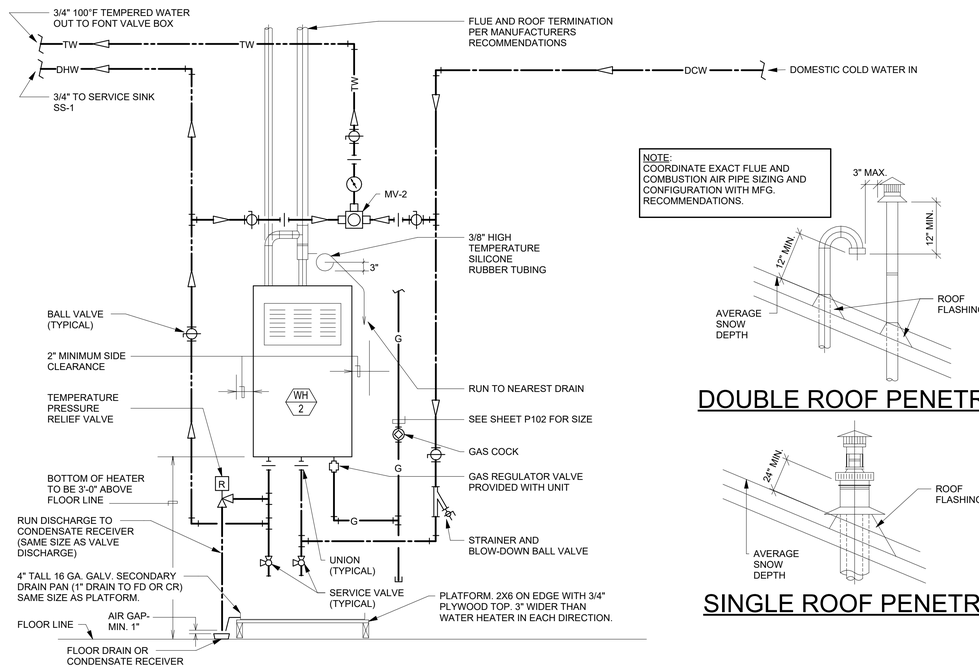
C TRAP GUARD TRAP SEAL DETAIL

NTS



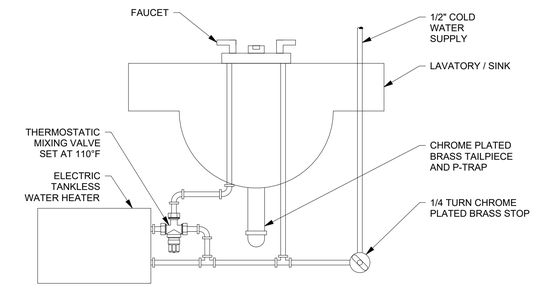
D FONT VALVE BOX DETAIL

NTS



E TANKLESS WATER HEATER PIPING DETAIL AND VENTING PENETRATION DETAILS

NTS



F INSTANTANEOUS WATER HEATER (WITH THX)

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OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
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PLUMBING DETAILS

P502

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PLUMBING FIXTURE SCHEDULE

TAG

MARK	QUANTITY	FIXTURE	TRAP	WASTE	VENT	C.W.	H.W.	REMARKS
CR-1	20	CONDENSATE RECEPTOR	1-1/2"	1-1/2"	2"	--	--	SEE DETAIL J/P501, FIELD ASSEMBLED
DF-1	3	DRINKING FOUNTAIN	1-1/2"	1-1/2"	1-1/2"	1/2"	--	ELECTRIC BI-LEVEL (ADA APPROVED)
DF-2	1	OUTDOOR DRINKING FOUNTAIN	1-1/2"	1-1/2"	--	1/2"	--	BI-LEVEL (ADA APPROVED). LOCATED AT THE PAVILION. SEE NOTE 5.
FD-1	13	FLOOR DRAIN	2"	2"	2"	--	--	WITH DEEP SEAL P-TRAP AND TRAP SEAL. SEE DETAIL E/P502
FD-2	1	FLOOR DRAIN	3"	3"	2"	--	--	WITH DEEP SEAL P-TRAP AND TRAP SEAL. SEE DETAIL E/P502
FF-1	1	FONT FILLER & DRAIN	2"	2"	2"	--	3/4"*	ROMAN DRAIN TUBE WITH 1-1/2" OVERFLOW DRAIN WITH GRILL, CROWN, & SCREWS SEE MV-2. *TEMPERED WATER
FVB-1	1	FONT VALVE BOX	--	--	--	--	3/4"*	18"X12"X4" WITH HINGED LOCKING DOOR *TEMPERED WATER
HB-1	2	WALL HYDRANT	--	--	--	3/4"	--	FREEZE PROOF. 20" MINIMUM LENGTH
L-1	1	LAVATORY	1-1/4"	1-1/4"	1-1/2"	1/2"	1/2"	SELF SUPPORTING 20"X18", SEE ARCHITECTURAL ELEVATIONS, SEE NOTES 2 & 3
L-2	10	LAVATORY	1-1/4"	1-1/4"	1-1/2"	1/2"	1/2"	SELF SUPPORTING 20"X18", SEE ARCHITECTURAL ELEVATIONS, SEE NOTES 2 & 3
MV-1	2	MIXING VALVE	--	--	--	1/2"	1/2"	FOR LAVATORIES - SEE DETAIL C/P501 - MEETS ASSE 1070. SEE NOTE 4.
MV-2	1	MIXING VALVE	--	--	--	3/4"	3/4"	MOUNTED ADJACENT TO WH-2. SET DISCHARGE TEMPERATURE AT 100°F. MEETS ASSE 1017. SEE DETAIL E/P502.
S-1	1	SERVING AREA SINK	1-1/2"	1-1/2"	1-1/2"	1/2"	1/2"	TWO COMPARTMENT
SS-1	1	SERVICE SINK	3"	3"	3"	3/4"	3/4"	FLOOR TYPE
SS-2	1	SACRAMENT SINK	1-1/4"	1-1/4"	1-1/2"	1/2"	1/2"	COUNTER TOP
U-1	4	URINAL	INT.	2"	2"	3/4"	--	FLUSH VALVE, WALL HUNG, HEU (HIGH EFFICIENCY URINAL), SEE NOTE 2
WC-1	9	WATER CLOSET	INT.	3"	2"	1/2"	--	FLUSH TANK, HET (HIGH EFFICIENCY TOILET)
WC-2	6	WATER CLOSET	INT.	3"	2"	1/2"	--	FLUSH TANK, 18" RIM HEIGHT (ADA APPROVED), HET

1. TOTAL WATER SUPPLY FIXTURE UNITS ARE 131.75. DRAINAGE FIXTURE UNITS ARE 152.5.
2. WHEN MOUNTED PER ARCHITECTURAL ELEVATIONS, ADA ACCESSIBILITY REQUIREMENTS ARE SATISFIED.
3. PROVIDE MIXING VALVE. SEE NOTE #4. ONE VALVE FOR MULTIPLE FIXTURE LOCATIONS.
4. MOUNT INSIDE WALL BELOW LAVATORY, BEHIND LOCKING ACCESS DOOR. COORDINATE LOCATION WITH ARCHITECTURAL. SEE PLUMBING PLANS AND PLUMBING WATER SUPPLY SCHEMATICS ON SHEET P401 FOR MORE DETAILS.
5. PROVIDE WITH STOP & WASTE VALVE AT THE DRINKING FOUNTAIN (INSTALLED IN PEDESTAL OR BELOW-GRADE VALVE BOX). PROVIDE WITH GRAVEL SUMP PIT NEARBY FOR DRAINAGE IF STOP & WASTE VALVE CANNOT BE DRAINED TO NEARBY SOIL OR GRAVEL.

GAS-FIRED WATER HEATER SCHEDULE

MARK	TYPE	INPUT LOAD (BTU/H)	MIN. EFF. (%)	LEAVING WATER TEMP (°F)	TANK SIZE (GAL)	FLUE SIZE (IN)	MAX. WIDTH/ DEPTH/ HEIGHT (IN)	OPERATING WEIGHT (LBS)	V/PH/HZ	REMARKS
WH-1	CONDENSING	100,000	94	130	34-55	4"	30/30/60	450-1000	120/1/60	SEE NOTES 1 & 2
WH-2	INSTANTANEOUS	199,000	96	140	0	4"	18/16/28	110	120/1/60	SEE NOTE 3

1. SEE SPECIFICATIONS. & DETAIL F & G/P501.
2. COMPLETE WITH CIRCULATING PUMP, CP-1. SEE DOMESTIC PUMP SCHEDULE.
3. SEE SPECIFICATIONS. & DETAIL E/P502.

DOMESTIC PUMP SCHEDULE

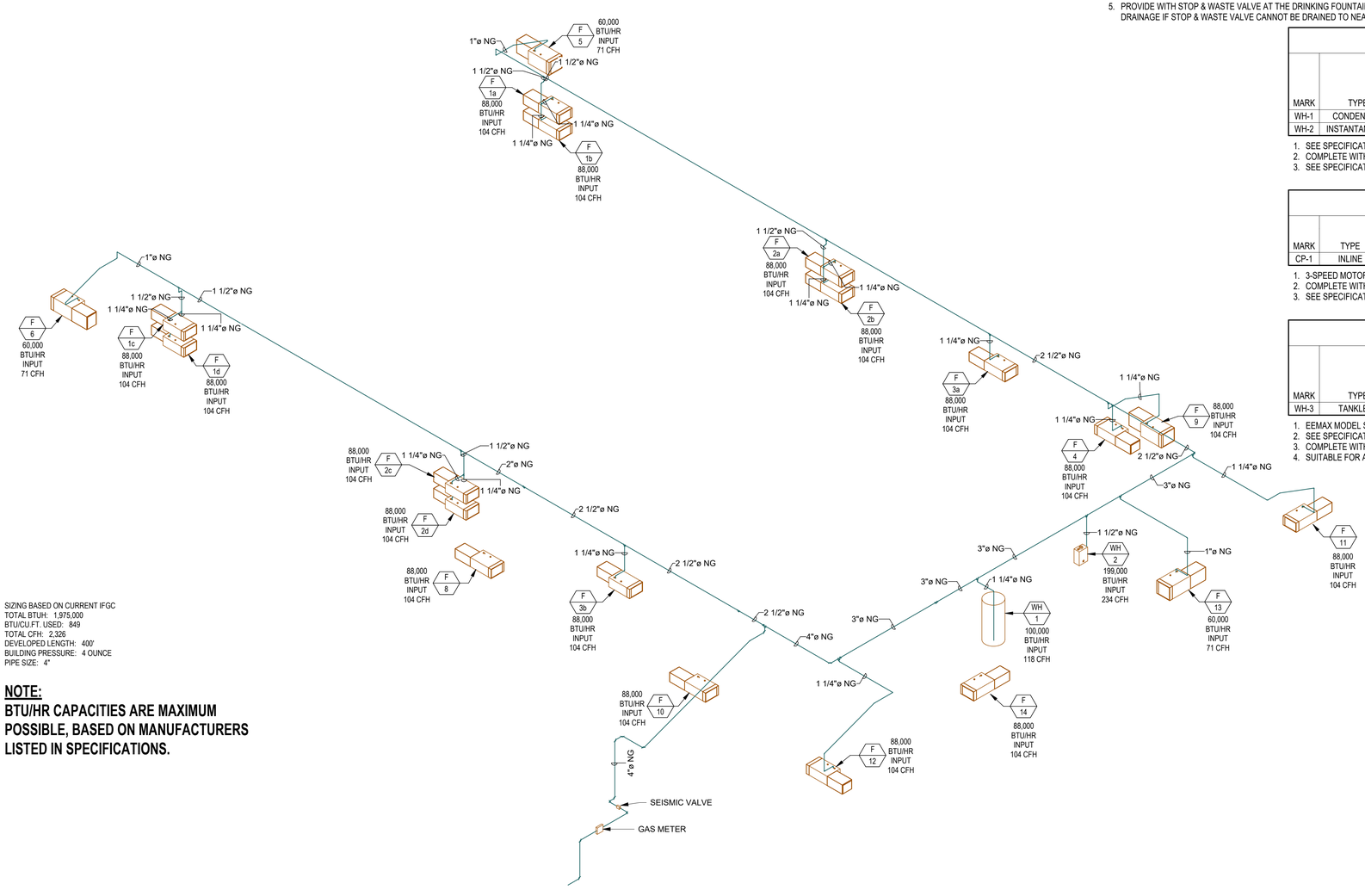
MARK	TYPE	FLUID			ELECTRICAL			REMARKS
		GPM	WORKING FLUID	HEAD PRESSURE (FT)	MOTOR SIZE (HP)	AMPS	V/PH/HZ	
CP-1	INLINE	3.5	WATER	28	0.167	1.8	120/1/60	SEE NOTES 1,2,3

1. 3-SPEED MOTOR.
2. COMPLETE WITH TEMPERATURE SENSOR, CONTROLLER, AND (4) WIRED MOTION SENSORS.
3. SEE SPECIFICATION SECTION 22 3423 & DETAIL F/P501.

ELECTRIC WATER HEATER SCHEDULE

MARK	TYPE	INPUT LOAD (kW)	MIN. EFF. (%)	LEAVING WATER TEMP (°F)	TANK SIZE (GAL)	MIN. GPM	MAX. WIDTH/ DEPTH/ HEIGHT (IN)	OPERATING WEIGHT (LBS)	V/PH/HZ	REMARKS
WH-3	TANKLESS	3.6	96	120	0	0.25	6/3/12	4	208/1/60	SEE NOTES 1,2,3,4

1. EEMAX MODEL SPEX48T.
2. SEE SPECIFICATIONS. & DETAIL F/P502.
3. COMPLETE WITH THERMOSTATIC MIXING VALVE WITH DISCHARGE TEMPERATURE SET TO 110°F.
4. SUITABLE FOR ADA COMPLIANT INSTALLATIONS.



SIZING BASED ON CURRENT IFGC
TOTAL BTUH: 1,975,000
BTU/CU.FT. USED: 849
TOTAL CFH: 2,326
DEVELOPED LENGTH: 400'
BUILDING PRESSURE: 4 OUNCE
PIPE SIZE: 4"

NOTE:
BTU/HR CAPACITIES ARE MAXIMUM POSSIBLE, BASED ON MANUFACTURERS LISTED IN SPECIFICATIONS.

A1 GAS PIPING SCHEMATIC

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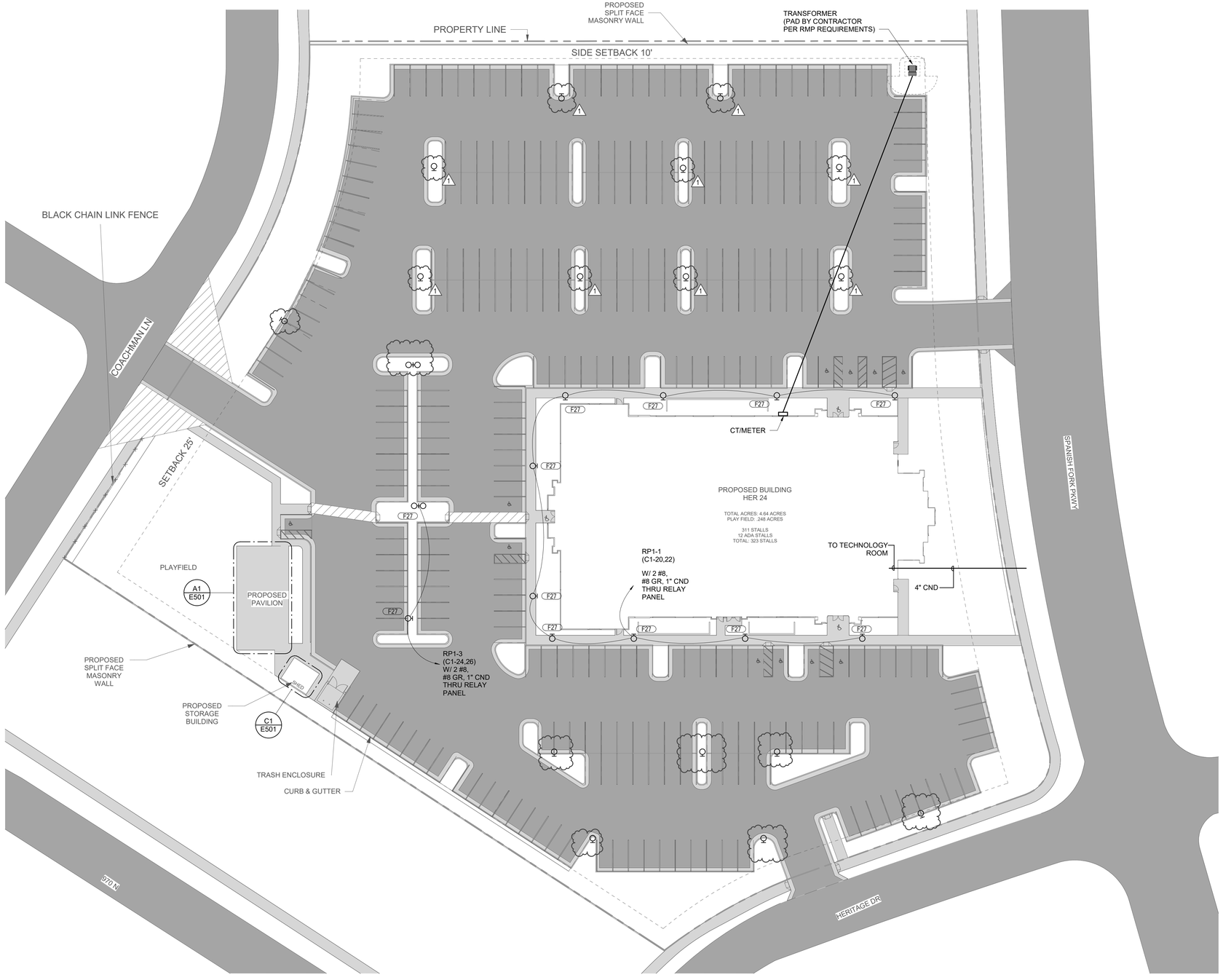
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PLUMBING SCHEDULES AND GAS PIPING SCHEMATIC

P601

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A1 ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

0 15' 30' 60'

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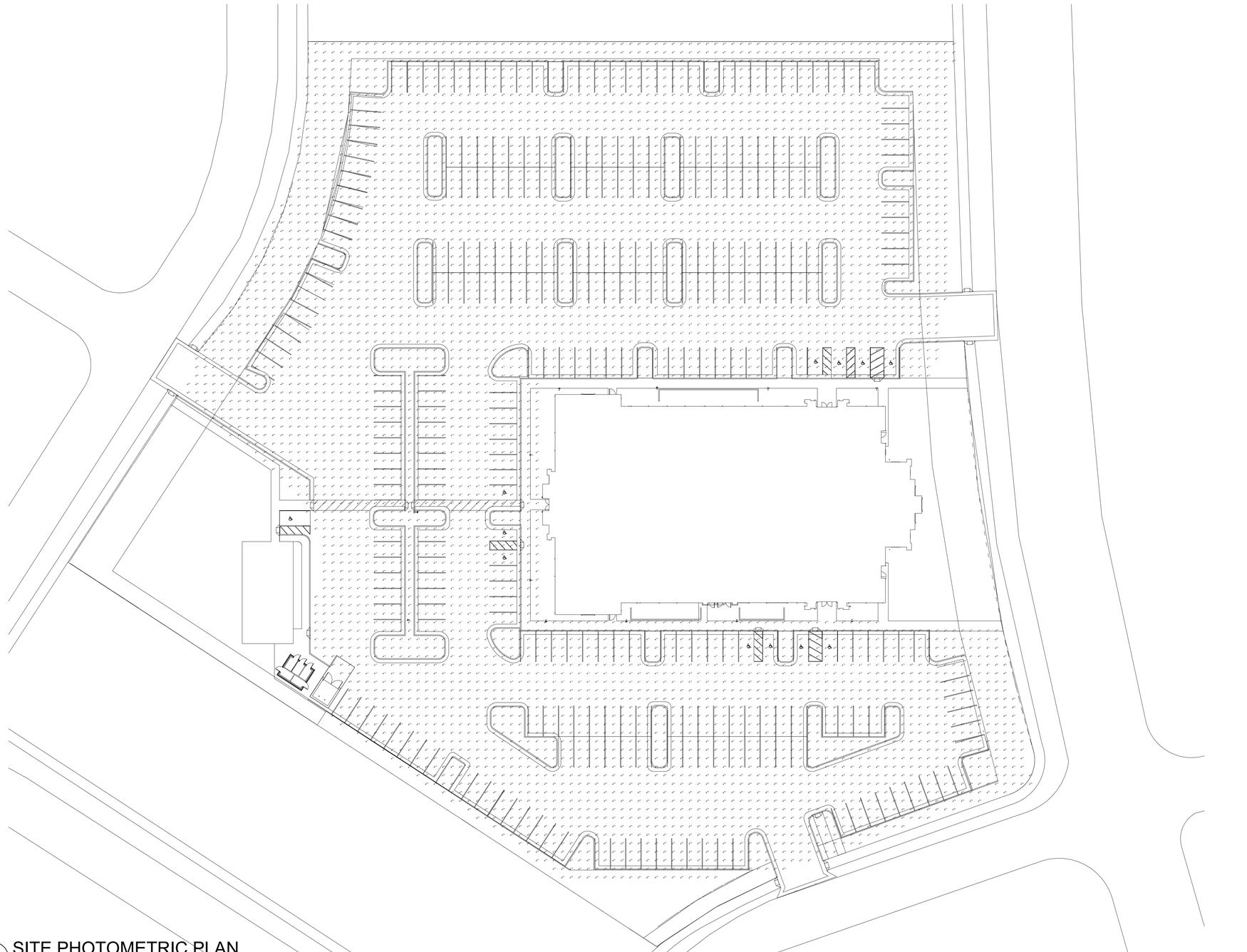
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1	10-29-25	PLAN REVIEW COMMENTS

ELECTRICAL SITE PLAN

ES101

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1 SITE PHOTOMETRIC PLAN
SCALE: NTS

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SITE PHOTOMETRIC PLAN

ES102

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GENERAL SHEET NOTES

1 SEE MECHANICAL AND TECHNOLOGY SHEETS FOR REQUIRED RACEWAY AND BOXES FOR TEMPERATURE CONTROL, TELEPHONE, DATA, SOUND, VIDEO, SATELLITE, AND TV SYSTEMS.

SHEET KEYNOTES

1. CIRCUIT EXHAUST FAN TO THE SAME CIRCUIT AS LIGHTS IN ROOM. CONTROL WITH LIGHTING CONTROL.
2. PROVIDE AIRTIGHT JUNCTION BOX FOR LOCATIONS IN EXTERIOR WALL. SEAL AROUND ALL PENETRATIONS TO KEEP THE BOX AIR TIGHT. REFER TO SPECS.
3. LOCATE OUTLET SO RANGE WILL SIT TIGHTLY AGAINST WALL.
4. LOCATE CONTROL CABLE BOX FOR SCOREBOARD NEXT TO DUPLEX RECEPTACLE SERVING SCOREBOARD.
5. MOUNT DEVICES IN THE FACE OF THE UPPER RISER SO IT IS CONCEALED FROM VIEW.
6. COORDINATE WITH DETAIL ON SOUND AND ARCHITECTS DRAWINGS FOR MOUNTING LOCATION OF RECEPTACLES IN PULPIT.
7. SCOREBOARD CONTROL CABLE SHALL BE COPPER, INSULATED, TWISTED PAIR, STRANDED, 22 GAUGE, SHIELDED, ONE RED CONDUCTOR, ONE BLACK CONDUCTOR, WITH OUTSIDE JACKET. COIL 2' OF CABLE IN JUNCTION BOX AND PROVIDE BLANK COVER PLATE.

SHEET KEYNOTES

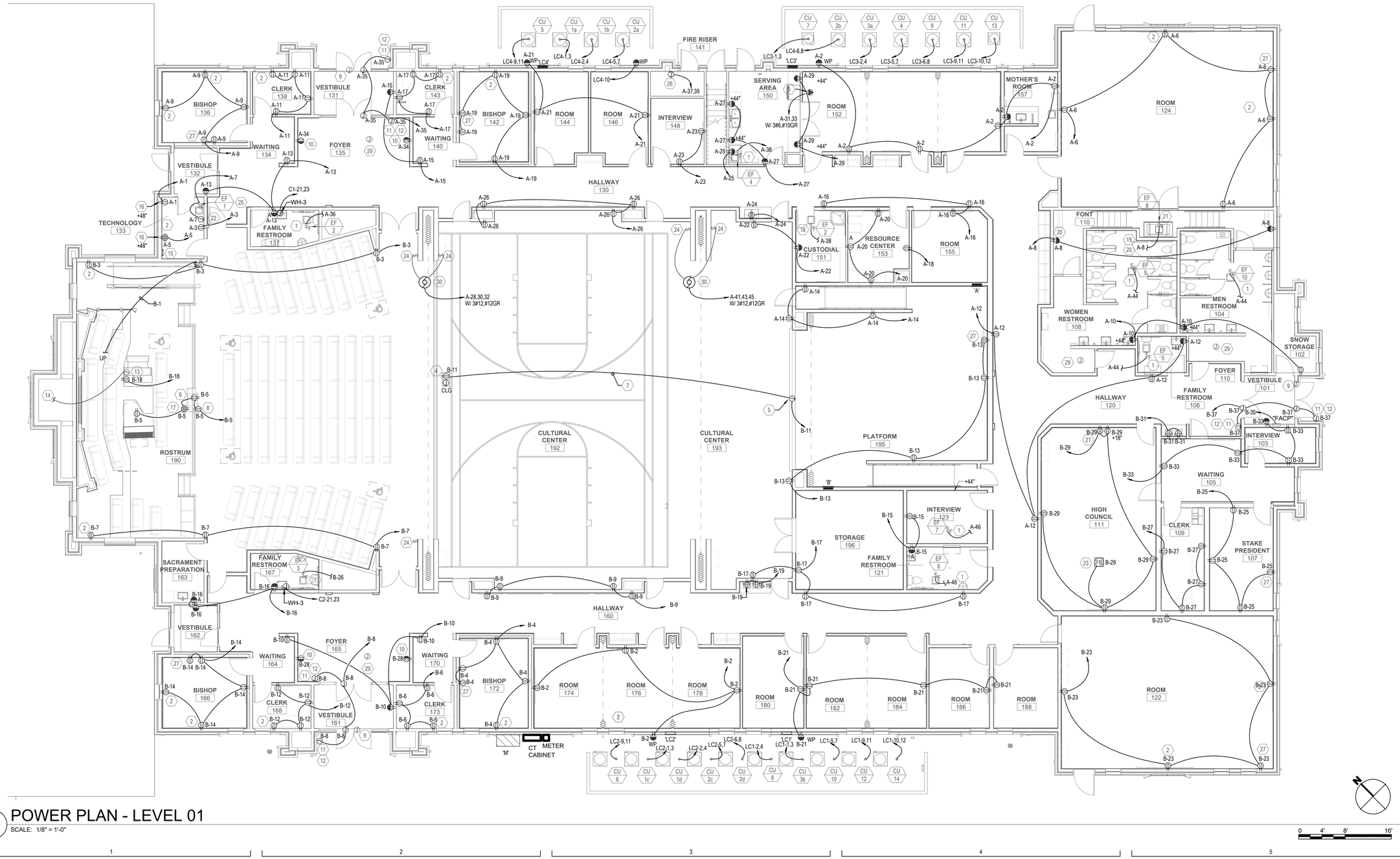
8. LOCATE BOX SO DUPLEX RECEPTACLE CAN BE MOUNTED HORIZONTALLY IN HARDWOOD BASE.
9. STUB CONDUIT INTO DOOR HEAD FRAME FOR INSTALLATION OF ACCESS CONTROL SYSTEM WIRING. RUN CONDUIT TO ACCESSIBLE LOCATION IN UPPER MECHANICAL SPACE AND TERMINATE IN BOX LABELED 'ACCESS CONTROL'
10. SPLIT WIRE SO UPPER HALF OF RECEPTACLE IS CONTROLLED BY LIGHT SWITCH AND LOWER HALF IS UNSWITCHED ON SAME CIRCUIT.
11. PROVIDE A 4" SQUARE 2-1/8" DEEP BOX FOR AUTOMATIC DOOR ACTIVATING SWITCH FURNISHED BY OTHERS. LEAVE EXTRA CONDUCTOR LENGTH FOR CONNECTION.
12. AUTOMATIC DOOR OPERATOR FURNISHED BY OTHERS. COORDINATE CONDUIT AND CONDUCTOR LENGTHS AND ROUTING FOR COMPLETE, CONCEALED INSTALLATION.
13. COORDINATE WITH ARCHITECTS DRAWINGS MOUNT RECEPTACLE ON THE VERTICAL WALL OF THE RECESSED ORGAN BOX.
14. (2) 1" CONDUITS FROM J- BOX TO UPPER SHELF IN ORGAN SPEAKER CHAMBER.

SHEET KEYNOTES

15. PROVIDE #4 CU GROUND TO BUILDING ELECTRICAL GROUND. PROVIDE GROUND BUS IN TELECOM ROOM.
16. COORDINATE LOCATION OF DEVICES WITH DIVISION 27 PRIOR TO ROUGH-IN.
17. REFER TO A411 FOR MOUNTING OF DUPLEX RECEPTACLE AND DATA OUTLET ON SIDE OF PULPIT.
18. CIRCUIT EXHAUST FAN WITH LIGHTS IN ROOM AND CONTROL WITH INTERVAL TIMER CONTROL.
19. CIRCUIT EXHAUST FAN WITH LIGHTS IN ROOM AND CONTROL WITH MANUAL TIMER SWITCH.
20. RUN LIGHTING AND FAN THROUGH GFCI LOAD SIDE OF RECEPTACLE.
21. BOND ALL METAL PARTS OF FONT SHELL GROUNDING INCLUDING BUT NOT NECESSARILY LIMITED TO METAL HANDRAIL PER THE NEC ARTICLE 680.
22. LINE VOLTAGE THERMOSTAT PROVIDED BY DIVISION 23 AND INSTALLED BY DIVISION 26.

SHEET KEYNOTES

23. SEE ET101/A110 FOR FLOOR BOX LOCATION AND ET601 FOR TYPE.
24. CONTROL SWITCH BY WONDOOR. PROVIDE INTERCONNECT WIRING TO MOTOR PER MANUFACTURER REQUIREMENTS.
25. CIRCUIT EXHAUST FAN TO LINE VOLTAGE THERMOSTAT.
26. DISCONNECT FOR WALL HEATER IS PROVIDED BY THE MECHANICAL CONTRACTOR WITH CONNECTIONS BY THE ELECTRICAL CONTRACTOR.
27. MOUNT RECEPTACLE IN AUDIOVISUAL BACK BOX.
28. PROVIDE CEILING MOUNTED RECEPTACLE FOR TV LOCATION. COORDINATE EXACT LOCATION WITH AUDIOVISUAL PLANS.
29. RUN 1" CONDUIT BACK TO RECIRCULATION PUMP IN MEZZANINE.
30. PROVIDE CONNECTIONS TO WONDOOR PER MANUFACTURER'S REQUIREMENTS INCLUDING ALL CONDUIT, LOW VOLTAGE AND LINE VOLTAGE WIRING REQUIRED TO MAKE SYSTEM OPERATIONAL.



A1 POWER PLAN - LEVEL 01

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

0 4' 8' 16'

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POWER PLAN - LEVEL 01

E110.1

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GENERAL SHEET NOTES

1. EXACT LOCATION OF LIGHT FIXTURES SHALL BE AS SHOWN ON LIGHTING PLAN SHEET E101.
2. CEILING MOUNTED OCCUPANCY SENSORS SHALL NOT BE INSTALLED WITHIN 6 FEET OF ANY MECHANICAL DIFFUSER.
3. LOWER CASE LETTERS ON OR NEAR FIXTURES INDICATE CONTROLLING SWITCHES. SWITCH LEGS NOT ALWAYS SHOWN.
4. SEE ME SHEETS FOR ELECTRICAL WORK FOR CONTROLS.
5. PROVIDE UNSWITCHED HOT CONDUCTOR TO ALL BATTERY FIXTURES AND EXIT SIGNS.

SHEET KEYNOTES

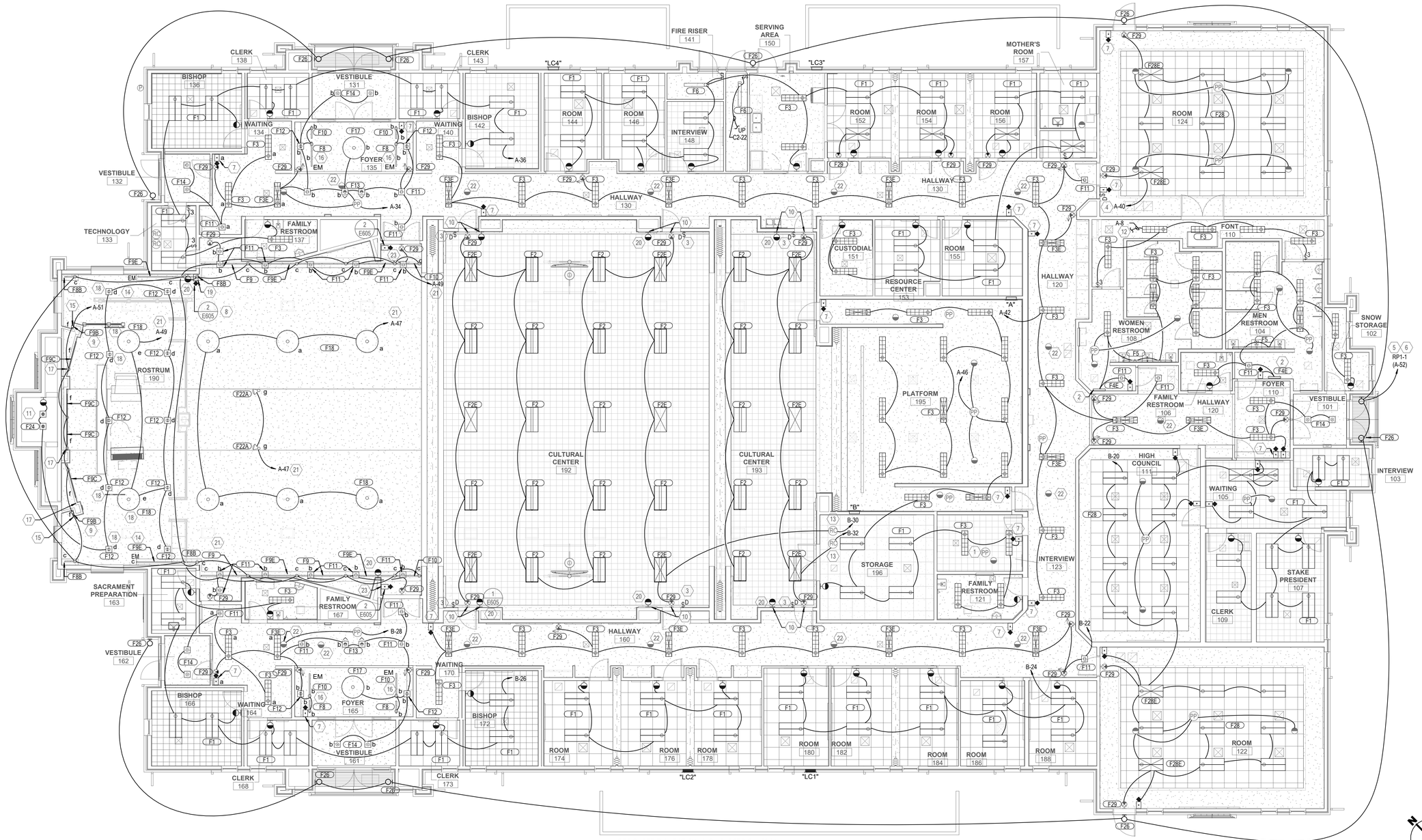
1. PROVIDE SUFFICIENT BOX DEPTH FOR POWER PACKS AND CORRECT PLASTER RING TO ACCOMMODATE ACTUAL RELAY UNIT AND OCCUPANCY SENSOR INSTALLED. ALSO PROVIDE PROPER SEPARATION OF 120V AND CLASS 2 WIRING AS NECESSARY IN ACCORDANCE WITH NEC. SET SENSITIVITY AND TIME DELAY OF SENSOR AT MAXIMUM. TYPICAL OF ALL POWER PACKS.
2. FIXTURE TO BE ON CONTINUOUSLY (NOT SWITCHED).
3. PROVIDE ON/OFF SWITCH WITH DIMMING. SEE DETAIL 1/E605 FOR SWITCH LABELING.
4. PROVIDE 0-10V SLIDE DIMMING ADJACENT TO LIGHT SWITCH.
5. CIRCUIT THROUGH THE LIGHTING CONTROL PANEL ON MEZZANINE, ADJACENT TO PANEL C1. SEE EXTERIOR LIGHTING CONTROL ON DIAGRAM SHEET E606.
6. RUN LIGHTING THROUGH 250 VA MINI INVERTER LOCATED IN MEZZANINE ADJACENT TO PANEL C1. THESE LIGHTS WILL RECEIVE SWITCHED POWER FROM THE RELAY PANEL AND CONSTANT POWER TO THE BATTERY BACKUP.

SHEET KEYNOTES

7. PROVIDE ON/OFF SWITCH FOR LIGHTING AREA. MANUAL ON/AUTO OFF WITH OCCUPANCY SENSORS. SEE DIAGRAM 2 ON SHEET E606.
8. PROVIDE 0-10V DIMMING THROUGH ROOM CONTROLLER.
9. PROVIDE DIMMER SWITCH (CONNECT TO OUTPUT OF 2 VERTICAL COVE LIGHTS, THEN TO FIXTURE TO ALLOW IT TO DIM INDEPENDENTLY OF THE OTHER FIXTURES BUT BE SHUT OFF WHEN THE COVE LIGHTS ARE SHUT OFF).
10. PROVIDE WIRE GUARD.
11. MOUNT LIGHTS ON UNDERSIDE OF UPPER SHELF IN ORGAN SPEAKER CHAMBER.
12. TO LOAD SIDE OF GFCI OUTLET.
13. PROVIDE ROOM CONTROLLER TO PROVIDE 0-10V DIMMING.
14. SEE C/A704 FOR MOUNTING OF COVE LIGHT FIXTURES.

SHEET KEYNOTES

15. SEE D/A409 FOR MOUNTING OF COVE LIGHT FIXTURES.
16. SEE B/A312 FOR MOUNTING OF COVE LIGHT FIXTURES.
17. SEE P/A704 FOR MOUNTING OF COVE LIGHT FIXTURES.
18. DAYLIGHT ZONE. PROVIDE 0-10V DIMMING FOR DAYLIGHTING ZONE WITH ROOM CONTROLLER LOCATED ADJACENT TO PANEL 'RP1'.
19. 7-BUTTON 2 SWITCHES.
20. WALL MOUNTED OCCUPANCY SENSOR CONNECTED TO ROOM CONTROLLER. MOUNT AT +108".
21. ROUTE THROUGH ROOM CONTROLLER LOCATED IN TECHNOLOGY ROOM. SEE DIAGRAM 2 ON SHEET E605.
22. WIRE OCCUPANCY SENSOR TO POWER PACK.
23. PROVIDE 2-BUTTON SWITCH LABELED ON/OFF TO TURN ON/OFF ALL ZONES OF CHAPEL LIGHTING.



SEE SHEET E501 FOR PAVILION ELECTRICAL PLAN.

A1 LIGHTING PLAN - LEVEL 01
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

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LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.2025

REV	DATE	DESCRIPTION

LIGHTING PLAN - LEVEL 01

E110.2

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GENERAL SHEET NOTES

1 VERIFY MECHANICAL EQUIPMENT AND LOCATIONS WITH MECHANCIAL DRAWINGS.

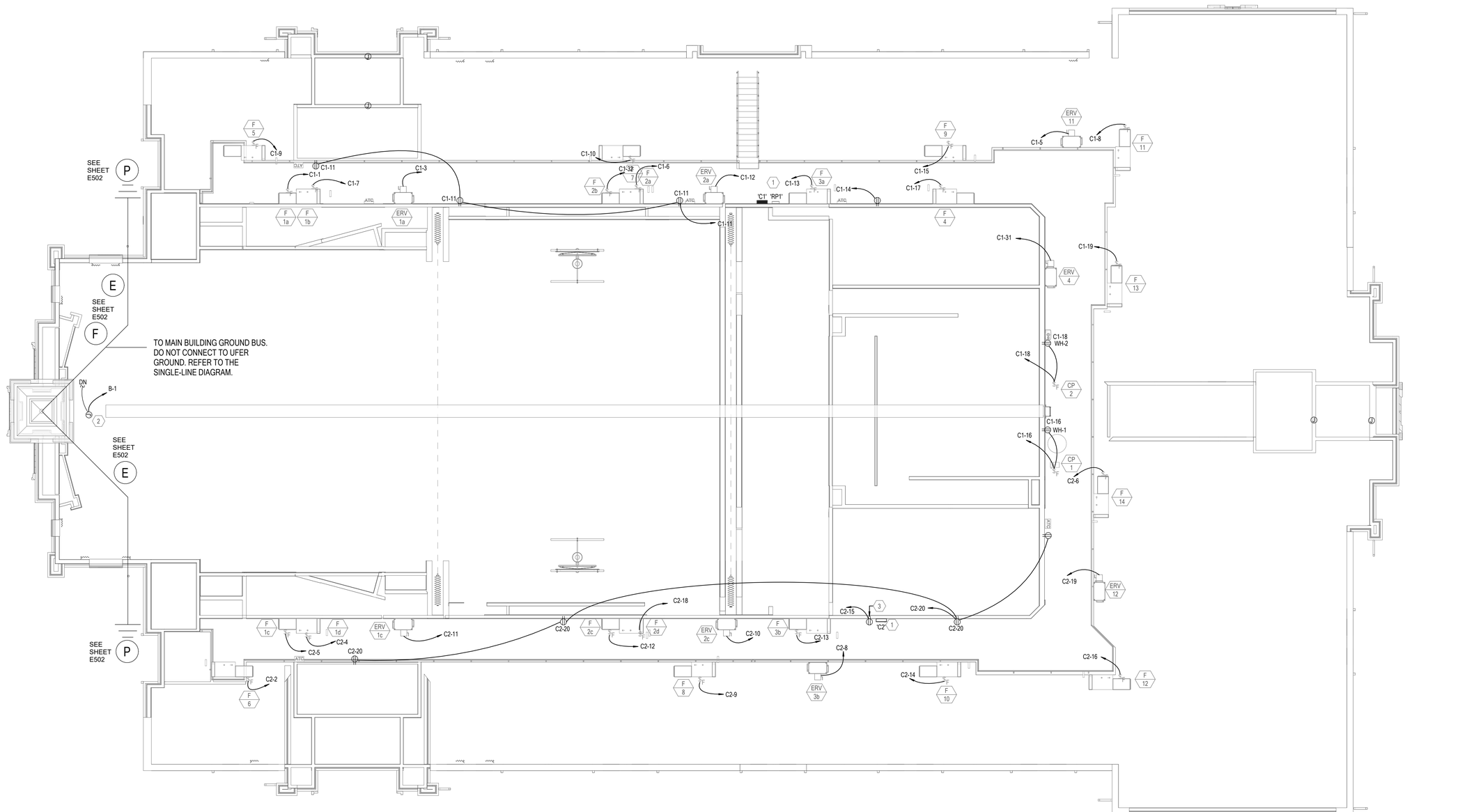
2 REFER TO EQUIPMENT SCHEDULE ON SHEET E602 FOR MECHANICAL EQUIPMENT FEEDER INFORMATION.

SHEET KEYNOTES

1 ELECTRICAL PANEL TO BE SURFACE MOUNTED.

2 PROVIDE POWER AND CONTROL CABLING TO PROJECTION SCREEN.

3 DOOR ACCESS CONTROL PANEL TO BE LOCATED HERE. PROVIDE OUTLET FOR PANEL.



A1 POWER PLAN - EQUIPMENT PLATFORM

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

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REV	DATE	DESCRIPTION

POWER PLAN - EQUIPMENT PLATFORM

E120.1

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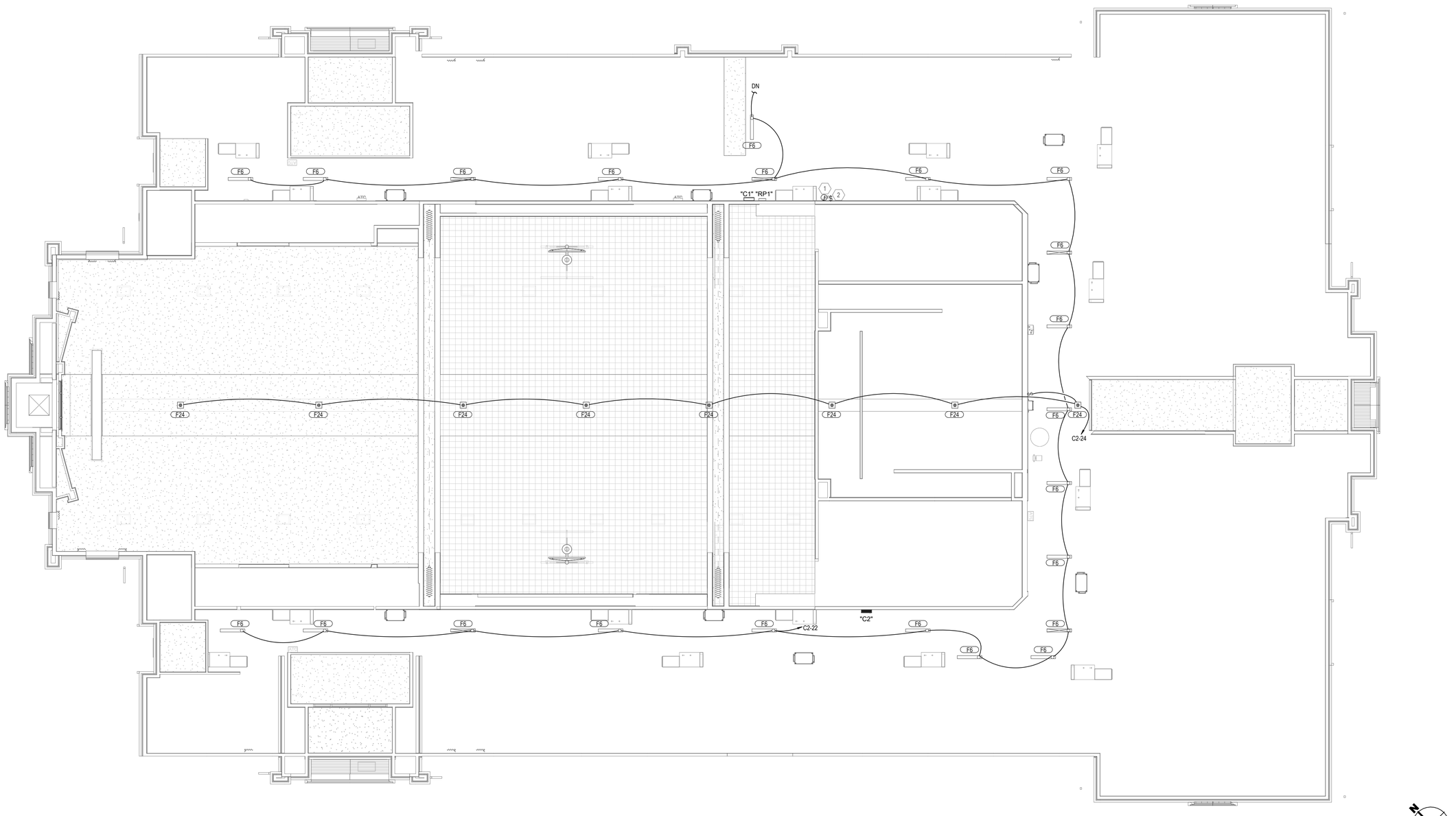
GENERAL SHEET NOTES

1 COORDINATE LIGHT FIXTURE LOCATIONS IN MECHANICAL EQUIPMENT AREAS. CHAIN SUSPEND FIXTURES AS NECESSARY FOR UNOBSTRUCTED ILLUMINATION.

SHEET KEYNOTES

1 PROVIDE 250W LED INVERTER (BODINE ELI-S-250) FOR EXTERIOR EGRESS LIGHTING.

2 PROVIDE LOW VOLTAGE OVERRIDE SWITCH WITH WIRING TO ADJACENT RELAY PANEL. 1 BUTTON SWITCH TO BE LABELED "FLAGPOLE LIGHTING". PROGRAM BUTTON TO PROVIDE MANUAL OVERRIDE OF RELAY SERVING FLAGPOLE LIGHTING ON/OFF.



A1 LIGHTING PLAN - EQUIPMENT PLATFORM
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

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REV	DATE	DESCRIPTION

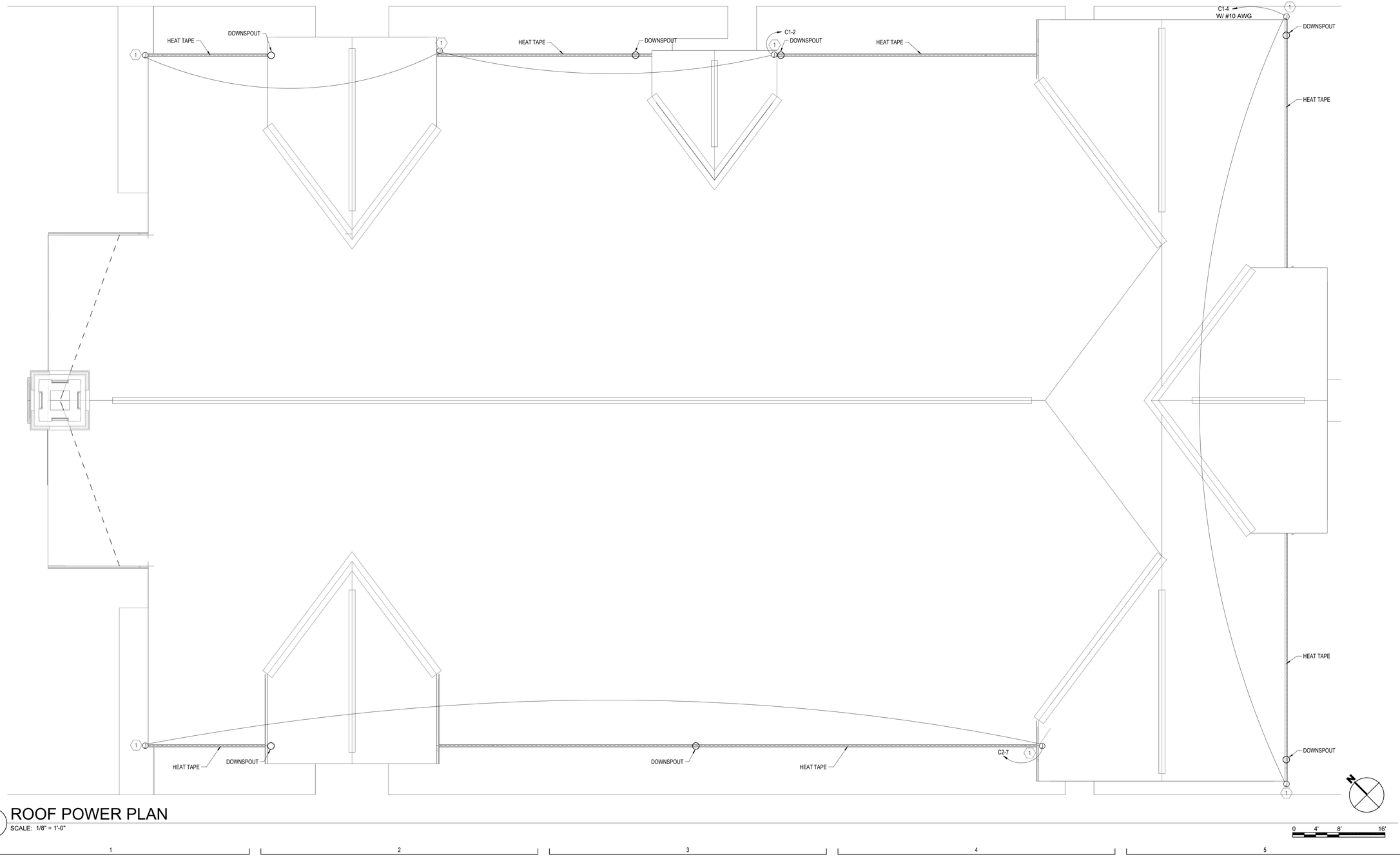
LIGHTING PLAN - EQUIPMENT PLATFORM

E120.2

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SHEET KEYNOTES

1. PROVIDE HEAT TAPE IN ALL GUTTERS AND DOWNSPOUTS SHOWN. SEE SPECIFICATION FOR HEAT TAPE TYPE. PROVIDE TEMPERATURE/MOISTURE SENSOR WITH ASSOCIATED WIRING AND SUPPORTS FOR HEAT TAPE. EXTEND HEAT TAPE 6" PAST BOTTOM OF DOWNSPOUTS.



A1 ROOF POWER PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

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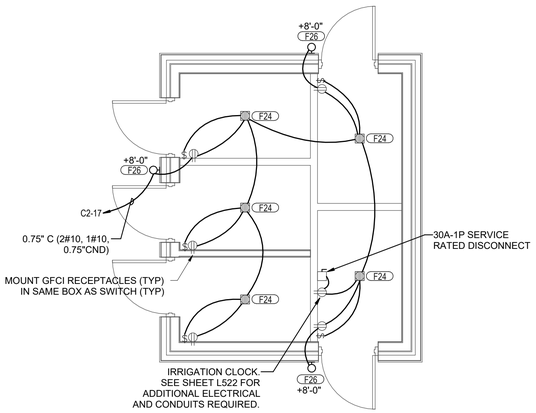
JOB NUMBER: 501-4029
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DATE: 10.10.2025

REV	DATE	DESCRIPTION

ROOF POWER PLAN

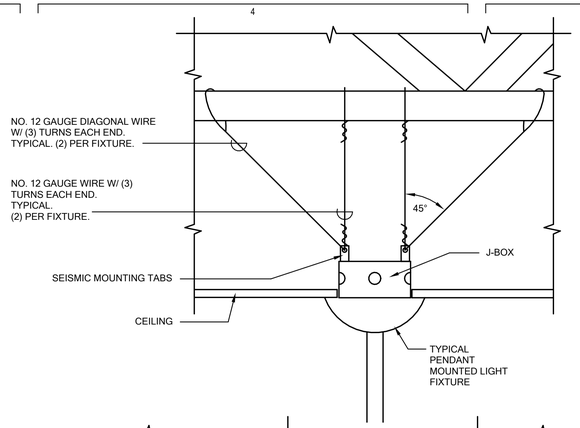
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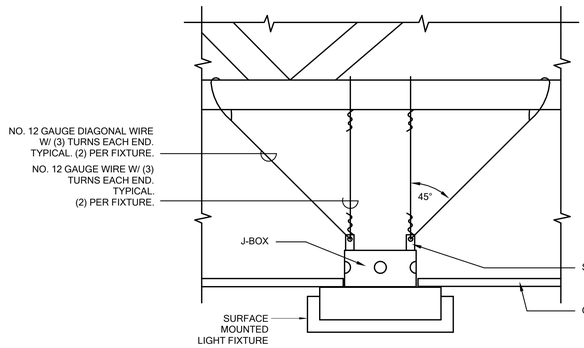
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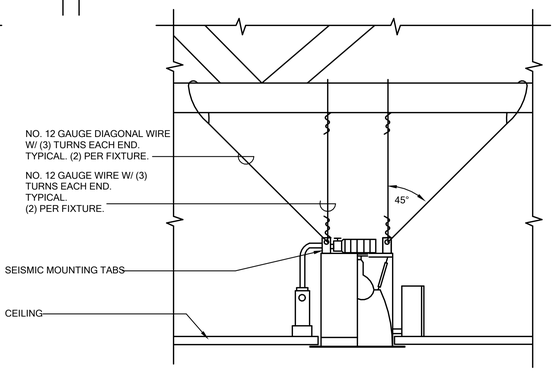


C1 STORAGE BUILDING ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

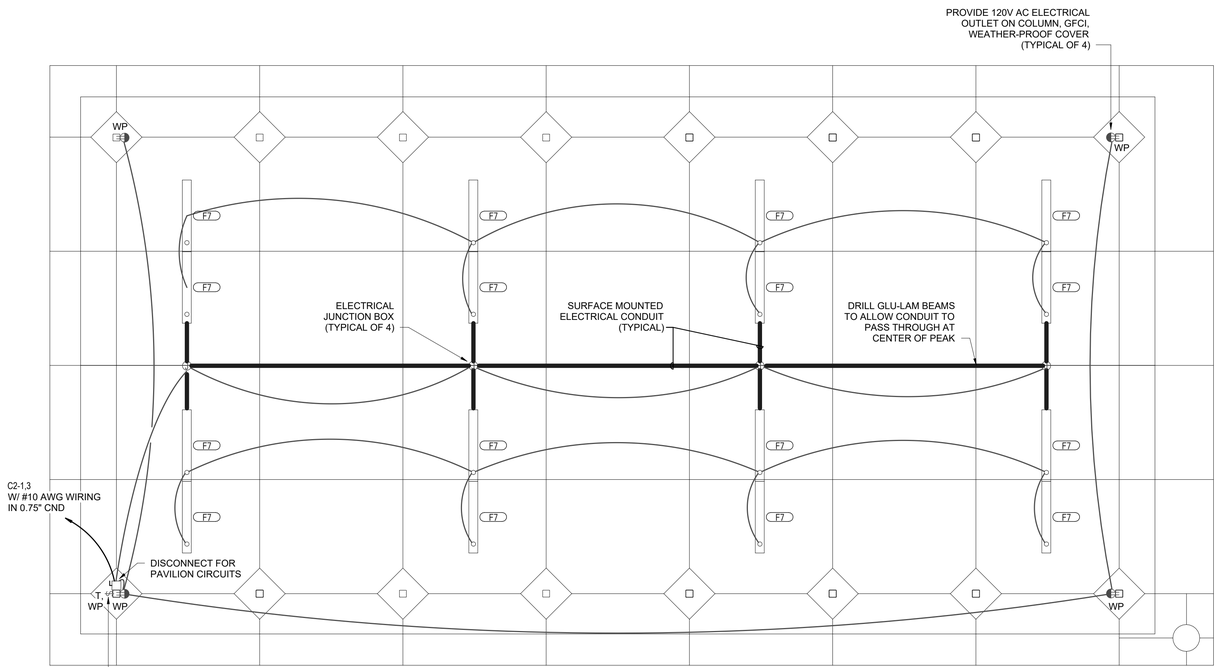






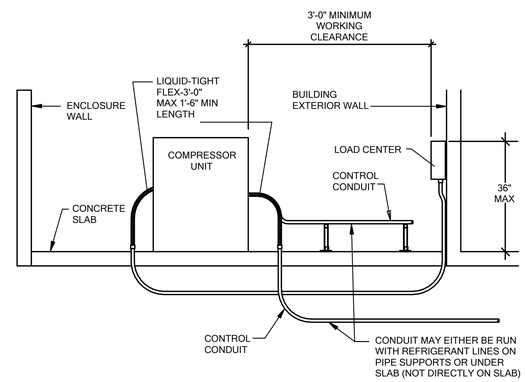
C3 TYPICAL LIGHT FIXTURE SEISMIC BRACING

NOT TO SCALE



A1 PAVILION ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



A4 COMPRESSOR UNIT CONDUIT DETAIL

NOT TO SCALE

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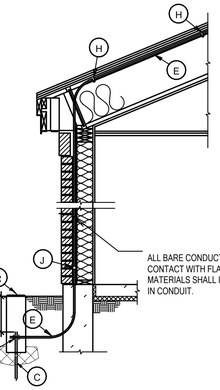
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.2025

REV	DATE	DESCRIPTION

ELECTRICAL DETAILS

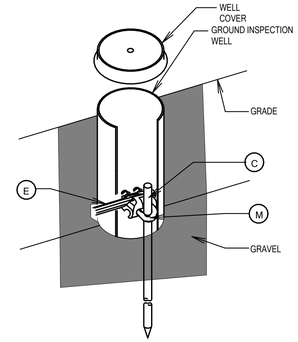
E501

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P CABLE INSTALLATION DETAIL

SCALE: 1/2" = 1'-0"



R GROUND INSPECTION WELL

NOT TO SCALE

NOTES

1. SEE SHEETS A206 AND A207 FOR REQUIRED LIGHTNING PROTECTION SYSTEM. COORDINATE CONNECTION TO THE STEEPLE WITH THE GENERAL CONTRACTOR AND STEEPLE SUPPLIER. MAKE ALL REQUIRED CONNECTIONS FOR A COMPLETE LIGHTING PROTECTION SYSTEM.
2. SUPPORT LIGHTNING CABLES EVERY THREE FEET ALONG ENTIRE RUN USING SPECIFIED FASTENERS.
3. BOND METAL BODIES INTO SYSTEM AS REQUIRED.
4. FURNISH AND INSTALL SURGE PROTECTION DEVICE (SPD) FOR MAIN ELECTRICAL PANEL. REFER TO SPECIFICATIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CONNECTION REQUIREMENTS TO THE STEEPLE WITH THE GENERAL CONTRACTOR AND STEEPLE SUPPLIER. ELECTRICAL CONTRACTOR SHALL BE ON SITE WHEN THE STEEPLE IS INSTALLED AND MAKE ALL REQUIRED CONNECTIONS TO THE LIGHTNING PROTECTION SYSTEM.
6. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
7. REFER TO THE SPECIFICATIONS FOR FITTING REQUIREMENTS.

LEGEND

- C GROUND ROD
- E SMOOTH TWIST COPPER CABLE
- F PRESSURE TYPE TEE CABLE SPLICER
- H COPPER LOOP FASTENER
- J LARGE BRONZE CLAMP
- M PERPENDICULAR GROUND ROD AND CABLE CLAMP

A4 ELECTRICAL DETAILS

SCALE: 12" = 1'-0"

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REV	DATE	DESCRIPTION

ELECTRICAL DETAILS

E502

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PANELBOARD SCHEDULE

PANEL: A | TYPE: Type 1 | VOLTS: 120/208 | PHASE: 3 | WIRES: 4

MOUNTING: Flush | LOCATION: PLATFORM 195 | MAINS: MLO

FED FROM: M | AMP: 150

___ SUBFEED LUGS
___ ISO GROUND
___ 200% NEUTRAL
___ SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
RCPT TECHNOLOGY	20	1		1	0.2			1.1			2		1	20	RCPT ROOM 137, 138, 136, EXT
RCPT TECHNOLOGY	20	1		3		0.2			0.0		4		1	20	SPARE
RCPT TECHNOLOGY	20	1		5			0.4			0.9	6		1	20	RCPT ROOM 134
J-BOX/EF-1 TECHNOLOGY	20	1		7	0.1			0.7			8		1	20	RCPT FONT 133, EF-8
RCPT BISHOP 152	20	1		9		0.9			0.5		10		1	20	RCPT ROOM 129, 131, 132
RCPT CLERK 151	20	1		11			0.7			0.7	12		1	20	RCPT ROOM 128, 130
RCPT ROOM 153, 154, 156	20	1		13	0.5			0.5			14		1	20	RCPT ROOM 161, 165
RCPT ROOM 148, 147	20	1		15		0.4			0.5		16		1	20	RCPT ROOM 150, 166
RCPT CLERK 146	20	1		17			0.7			0.2	18		1	20	RCPT MATERIALS CENTER
RCPT BISHOP 145	20	1		19	0.9			0.5			20		1	20	RCPT MATERIALS CENTER
RCPT ROOM 144, 143, EXT	20	1		21		0.5			0.4		22		1	20	RCPT ROOM 168, 161
RCPT ROOM 142	20	1		23			0.4			0.2	24	*	1	20	DRINKING FOUNTAIN *GFCI CB
RCPT SERVING AREA	20	1		25	1.5			0.7			26		1	20	RCPT ROOM 160, 150
RCPT SERVING AREA	20	1		27		0.5			0.6		28		3	15	WONDOOR
RCPT SERVING AREA	20	1		29			0.4			0.6	30	--	--	--	--
OVEN SERVING AREA	50	2		31	4.0			0.6			32	--	--	--	--
--	--	--	--	33		4.0			1.0		34		1	20	LTG 148-150, 153,154
AUTOMATIC DOOR FOYER 135	20	1		35			0.0			0.6	36		1	20	LTG 151, 152, 155, 156, 146, 145
HEATER FIRE RISER	20	2		37	1.1			1.2			38		1	20	135-138,140,142-144,169,EF-4,7
--	--	--	--	39		1.1			0.4		40		1	20	LTG 134
RETRACTABLE DOOR	15	3		41			0.6			0.9	42		1	20	LTG 150, 147, 126-128
--	--	--	--	43	0.6			1.4			44		1	20	LTG 129-132/EF-5,9,10
--	--	--	--	45		0.6			1.1		46		1	20	LTG 162-165, EF-6
LTG CHAPEL CHANDELIER	20	1		47			0.6				48				
LTG ROSTRUM	20	1		49	0.7						50				
LTG CHAPEL COVE	20	1		51		1.5					52				
LTG EXTERIOR	20	1		53			0.3				54				
				55							56				
				57							58				
				59							60				
				61							62				
				63							64				
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				79							80				
				81							82				
				83							84				

16418	14177	8076	TOTAL (VA)
145	126	67	AMPS/PHASE

CONNECTED LOAD TOTAL: 38.7

Legend:
*** PROVIDE 5mA GFCI CIRCUIT BREAKER**

AIC RATING: 5393 | AMPS RMS SYSM.

54 CIRCUIT PANEL IS ACCEPTABLE.

PANELBOARD SCHEDULE

PANEL: B | TYPE: Type 1 | VOLTS: 120/208 | PHASE: 3 | WIRES: 4

MOUNTING: Flush | LOCATION: PLATFORM 195 | MAINS: MLO

FED FROM: M | AMP: 150

___ SUBFEED LUGS
___ ISO GROUND
___ 200% NEUTRAL
___ SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
PROJECTOR SCREEN	20	1		1	0.0			0.7			2		1	20	RCPT ROOM, EXT
RCPT CHAPEL,ROSTRUM	20	1		3		0.5			0.9		4		1	20	RCPT BISHOP 172
RCPT ROSTRUM	20	1		5			0.7			0.7	6		1	20	RCPT CLERK 173
RCPT CHAPEL,ROSTRUM	20	1		7	0.5			0.0			8		1	20	AUTOMATIC DOOR FOYER 165
RCPT HALL,CULT CENTER	20	1		9		0.7			0.5		10		1	20	RCPT VEST,WAIT
SCOREBOARD	20	1		11			0.2			0.7	12		1	20	RCPT CLERK 168
RCPT PLATFORM,CULT CENT	20	1		13	0.7			0.9			14		1	20	RCPT BISHOP 166
RCPT MOTHER'S,RR	20	1		15		0.4			0.5		16		1	20	RCPT VEST,SAC PREP,RR
RCPT HALL,CULT CENT,STOR	20	1		17			0.7			0.2	18		1	20	RCPT ORGAN
DRINKING FOUNTAIN *GFCI CB	20	1	*	19	0.4			1.3			20		1	20	LTG STAKE SUITE,ROOM 122
RCPT ROOMS,EXT	20	1		21		1.1			0.4		22		1	20	LTG HALL,WAIT
RCPT ROOM 122	20	1		23			0.9			0.7	24		1	20	LTG ROOMS
RCPT STAKE PRESIDENT	20	1		25	0.7			0.5			26		1	20	LTG BSHPS,CLRKS,SAC PREP,RR
RCPT STAKE CLERK	20	1		27		0.7			1.0		28		1	20	LTG VEST,FOYER,HALL
RCPT HIGH COUNCIL	20	1		29			1.1			1.2	30		1	20	LTG CULTURAL CENTER 192
DRINKING FOUNTAIN *GFCI CB	20	1	*	31	0.4			0.6			32		1	20	LTG CULTURAL CENTER 193
RCPT WAIT,INTERVIEW,VEST	20	1		33		0.9			0.0		34		1	20	SPARE
FACP	20	1		35			0.5			0.0	36		1	20	SPARE
AUTOMATIC DOOR FOYER 110	20	1		37	0.0			0.0			38		1	20	SPARE
SPARE	20	1		39		0.0			0.0		40		1	20	SPARE
SPARE	20	1		41			0.0			0.0	42		1	20	SPARE
SPARE	20	1		43	0.0			0.0			44		1	20	SPARE
SPARE	20	1		45		0.0			0.0		46		1	20	SPARE
SPARE	20	1		47			0.0			0.0	48		1	20	SPARE
SPARE	20	1		49	0.0			0.0			50		1	20	SPARE
SPARE	20	1		51		0.0			0.0		52		1	20	SPARE
				53						0.0	54		1	20	SPARE
				55							56				
				57							58				
				59							60				
				61							62				
				63							64				
				65							66				
				67							68				
				69							70				
				71							72				
				73							74				
				75							76				
				77							78				
				79							80				
				81							82				
				83							84				

6755	7681	7576	TOTAL (VA)
56	65	64	AMPS/PHASE

CONNECTED LOAD TOTAL: 22.0

Legend:
*** PROVIDE 5mA GFCI CIRCUIT BREAKER**

AIC RATING: 4668 | AMPS RMS SYSM.

54 CIRCUIT PANEL IS ACCEPTABLE.

PANELBOARD SCHEDULE

PANEL: C1 | TYPE: Type 1 | VOLTS: 120/208 | PHASE: 3 | WIRES: 4

MOUNTING: Surface | LOCATION: HALLWAY 130 | MAINS: MLO

FED FROM: M | AMP: 150

___ SUBFEED LUGS
___ ISO GROUND
___ 200% NEUTRAL
___ SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
F-1a	20	1		1	1.7			2.3			2		1	20	HEAT TAPE*
ERV-1a	25	1		3		2.2			1.6		4		1	20	HEAT TAPE*
ERV-11	25	1		5			2.2			1.7	6		1	20	F-2a
F-1b	20	1		7	1.7			1.7			8		1	20	F-11
F-5	20	1		9		1.7			1.2		10		1	20	F-7
RCPT EQUIPMENT PLATFORM	20	1		11			0.5			2.2	12		1	25	ERV-2a
F-3a	20	1		13	1.7			0.2			14		1	20	RCPT EQUIPMENT PLATFORM
F-9	20	1		15		1.7			1.4		16		1	20	WH-1, CP-1
F-4	20	1		17			1.7			1.4	18		1	20	WH-2, CP-2
F-13	20	1		19	1.7			0.5			20		2	20	LTG PARKING
WATER HEATER WH-3	20	2		21		1.8			0.5		22	--	--	--	--
--	--	--	--	23			1.8			0.2	24		2	20	LTG PARKING
				25							26	--	--	--	--
SPARE	20	1		27		0.0			0.0		28		1	20	SPARE
SPARE	20	1		29			0.0			--	30		1	--	SPACE

15266	11864	11478	TOTAL (VA)
128	99	96	AMPS/PHASE

CONNECTED LOAD TOTAL: 38.6

Legend:
*** PROVIDE 30mA GFCI CIRCUIT BREAKER**

AIC RATING: 7828 | AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: LC2 | TYPE: Type 1 | VOLTS: 120/208 | PHASE: 3 | WIRES: 4

MOUNTING: Surface | LOCATION: | MAINS: MLO

FED FROM: M | AMP: 125

___ SUBFEED LUGS
___ ISO GROUND
___ 200% NEUTRAL
___ SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
CU-1c	35	2		1	1.7			1.7			2		2	35	CU-1d
--	--	--	--	3		1.7			1.7		4	--	--	--	--
CU-2c	35	2		5			1.7			1.7	6		2	35	CU-2d
--	--	--	--	7	1.7			1.7			8	--	--	--	--
CU-6	25	2		9		1.4			0.0		10		1	20	SPARE
--	--	--	--	11			1.4			0.0	12		1	20	SPARE

6922	4859	4859	TOTAL (VA)
58	40	40	AMPS/PHASE

CONNECTED LOAD TOTAL: 16.6

Legend:
*** PROVIDE 5mA GFCI CIRCUIT BREAKER**

AIC RATING: 10903 | AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: C2 | TYPE: Type 1 | VOLTS: 120/208 | PHASE: 3 | WIRES: 4

MOUNTING: Surface | LOCATION: HALLWAY 160 | MAINS: MLO

FED FROM: M | AMP: 125

___ SUBFEED LUGS
___ ISO GROUND
___ 200% NEUTRAL
___ SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
PAVILION RCPT/LTG	20	2		1	0.0			1.7			2		1	20	F-6
--	--	--	--	3		0.0			1.7		4		1	20	F-1d
F-1c	20	1		5			1.7			1.7	6		1	20	F-14
HEAT TAPE*	20	1		7	1.6			2.2			8		1	25	ERV-3b
F-8	20	1		9		1.7			2.2		10		1	25	ERV-2c
ERV-1c	25	1		11			2.2			1.7	12		1	20	F-2c
F-2d	20	1		13	1.7			1.7			14		1	20	F-10
RCPT DOOR ACCESS CTRL...	20	1		15		0.2			1.7		16		1	20	F-12
STORAGE BLDG RCPT/LTG	20	1		17			1.2			1.7	18		1	20	F-2d
ERV-12	25	1		19	2.2			0.7			20		1	20	RCPT EQUIP PLATFORM
WATER HEATER WH-3	20	2		21		1.8			0.5		22		1	20	LTG EQUIP PLATFORM STRIP
--	--	--	--	23			1.8			0.1	24		1	20	LTG EQUIP PLAT DOWNLIGHTS
SPACE	--	1		25	--			0.0			26		1	20	SPARE
SPACE	--	1		27		--			--		28		1	--	SPACE
SPACE	--	1		29			--			--	30		1	--	SPACE

11568	9568	11881	TOTAL (VA)
99	80	102	AMPS/PHASE

CONNECTED LOAD TOTAL: 33.0

Legend:
*** PROVIDE 5mA GFCI CIRCUIT BREAKER**

AIC RATING: 4516 | AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: LC3 | TYPE: Type 1 | VOLTS: 120/208 | PHASE: 3 | WIRES: 4

MOUNTING: Surface | LOCATION: | MAINS: MLO

FED FROM: M | AMP: 150

___ SUBFEED LUGS
___ ISO GROUND
___ 200% NEUTRAL
___ SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
CU-7	20	2		1	1.2			1.7			2		2	35	CU-3a
--	--	--	--	3		1.2			1.7		4	--	--	--	--
CU-4	35	2		5			1.7			1.7	6		2	35	CU-9
--	--	--	--	7	1.7			1.7			8	--	--	--	--
CU-11	35	2		9		2.3			1.2		10		2	20	CU-13
--	--	--	--	11			2.3			1.2	12	--	--	--	--

6365	6365	6922	TOTAL (VA)
53	53	58	AMPS/PHASE

CONNECTED LOAD TOTAL: 19.7

Legend:
*** PROVIDE 5mA GFCI CIRCUIT BREAKER**

AIC RATING: 7065 | AMPS RMS SYSM.

SWITCHBOARD SCHEDULE

Switchboard: M

Location: | **Volts:** 120/208 | **A.I.C. Rating:** 17,959
Supply From: | **Phases:** 3 | **Mains Type:** MCB
Mounting: | **Wires:** 4 | **Mains Rating:** 800
Enclosure: | **SPD:** CATEGORY C

CKT	CIRCUIT DESCRIPTION	# OF...	AMPS	LOAD	REMARKS
1	LC4	3	125	16.8	
2	LC3	3	150	19.7	
3	LC2	3	125	16.6	
4	A	3	150	38.7	
5	B	3	150	22.0	
6	C1	3	150	38.6	
7	C2	3	125	33.0	
8	LC1	3	125	17.1	
9					
10					
		TOTAL CONN. LOAD:		202.5	
		TOTAL AMPS:		562	

Legend:

PANELBOARD SCHEDULE

PANEL: LC4 | TYPE: Type 1 | VOLTS: 120/208 | PHASE: 3 | WIRES: 4

MOUNTING: Surface | LOCATION: | MAINS: MLO

FED FROM: M | AMP: 125

___ SUBFEED LUGS
___ ISO GROUND
___ 200% NEUTRAL
___ SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
CU-1a	35	2		1	1.7			1.7			2		2	35	CU-1b
--	--	--	--	3		1.7			1.7		4	--	--	--	--
CU-2a	35	2		5			1.7			1.7	6		2	35	CU-2b
--	--	--	--	7	1.7			1.7			8	--	--	--	--
CU-5	25	2		9		1.4			0.2		10		1	20	RCPT IRR CONTROLLER
--	--	--	--	11			1.4			0.0	12		1	20	SPARE

6922	5039	4859	TOTAL (VA)
58	42	40	AMPS/PHASE

CONNECTED LOAD TOTAL: 16.8

Legend:
*** PROVIDE 5mA GFCI CIRCUIT BREAKER**

AIC RATING: 2907 | AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: LC1 | TYPE: Type 1 | VOLTS: 120/208 | PHASE: 3 | WIRES: 4

MOUNTING: Surface | LOCATION: | MAINS: MLO

FED FROM: M | AMP: 125

___ SUBFEED LUGS
___ ISO GROUND
___ 200% NEUTRAL
___ SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
CU-3b	35	2		1	1.7			1.5			2		2	30	CU-8
--	--	--	--	3		1.7			1.5		4	--	--	--	--
CU-10	30	2		5			1.5				6				
--	--	--	--	7	1.5						8				
CU-12	35	2		9		2.3			1.5		10		2	30	CU-14
--	--	--	--	11			2.3			1.5	12	--	--	--	--

4742	7030	5300	TOTAL (VA)
40	59	45	AMPS/PHASE

CONNECTED LOAD TOTAL: 17.1

Legend:
*** PROVIDE 5mA GFCI CIRCUIT BREAKER**

AIC RATING: 10903 | AMPS RMS SYSM.

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DAVID G. HINCKLEY
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029
2107 E HERITAGE DR, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.2025

REV | DATE | DESCRIPTION

PANELBOARD SCHEDULES

E601

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ABBREVIATIONS INDEX

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
#	NUMBER	MH	MANHOLE
AC	ALTERNATING CURRENT	MIC	MICROPHONE
A.F.F.	ABOVE FINISH FLOOR	MIN	MINIMUM
AIC	AMPS INTERRUPTING CAPACITY	MTG	MOUNTING
AM	AMPS METER	MTR	MOTOR
AMP	AMPERE	N/A	NOT APPLICABLE
ANN	ANNUNCIATOR	NC	NORMALLY CLOSED
ATS	AUTOMATIC TRANSFER SWITCH	NEC	NATIONAL ELECTRICAL CODE
AUX	AUXILIARY	NEMA	NATIONAL ELECT. MANUFAC. ASSOC.
AWG	AMERICAN WIRE GAUGE	NFC	NATIONAL FIRE CODE
BC	BARE COPPER	NFPA	NATIONAL FIRE PROTECTION ASSOC.
BFG	BELOW FINISH GRADE	N.I.C.	NOT IN CONTRACT
C	CONDUIT	NO	NORMALLY OPENED
CAB	CABINET	NTS	NOT TO SCALE
CATB	COMMUNITY ANTENNA TELEVISION	OS & Y	OUTSIDE SCREW & YOKE
CATV	CABLE TELEVISION	PB	PUSHBUTTON
CKT	CIRCUIT	PF	POWER FACTOR
CLG	CEILING	PFR	PHASE FAILURE RELAY
CNTR	CONTRACTOR	PNL	PANEL
C.O.	CONDUIT ONLY	PT	POTENTIAL TRANSFORMER
CRT	COMPUTER TERMINAL	PVC	POLYVINYL CHLORIDE CONDUIT
CT	CURRENT TRANSFORMER	(R)	RELOCATE
CU	COPPER	RECEP	RECEPTACLE
C/W	COMPLETE WITH	REQ	REQUIREMENT
DB	DECIBEL	RLA	RATED LOAD AMPS
DC	DIRECT CURRENT	RMS	ROOT MEAN SQUARE
DWG	DRAWING	SE	SERVICE ENTRANCE
(E)	EXISTING	SPEC	SPECIFICATIONS
EC	EMPTY CONDUIT	SPKR	SPEAKER
EG	EMERGENCY GENERATOR	SS	SELECTOR SWITCH
EMT	ELECTRICAL METALLIC TUBING	SW	SWITCH
EX	EXPLOSION PROOF	SWBD	SWITCHBOARD
FACP	FIRE ALARM CONTROL PANEL	SWGR	SWITCHGEAR
FC	FOOT CANDLE	TTB	TELEPHONE TERMINAL BOARD
FT	FOOT	TTC	TELEPHONE TERMINAL CABINET
GFI	GROUND FAULT INTERRUPTER	TV	TELEVISION
GND	GROUND	TYP	TYPICAL
GRC	GALVANIZED RIGID CONDUIT	UG	UNDERGROUND
HP	HORSE POWER	UP	UTAH POWER
HZ	HERTZ	UPS	UNINTERRUPTED POWER SUPPLY
IG	ISOLATED GROUND	V	VOLT (KV-KILOVOLT)
IMC	INTERMEDIATE METALLIC CONDUIT	VA/R	VOLT-AMPS/REACTIVE
IN	INCH	VM	VOLT METER
J-BOX	JUNCTION BOX	W	WATTS
KV	KILOVOLT	W/	WITH
KVA	KILOVOLT AMPERES	WH	WATTHOUR METER
KVAR	KILOVARS	W/O	WITHOUT
KW	KILOWATT	WP	WEATHERPROOF
LRA	LOCKED ROTOR AMPS	XFMR	TRANSFORMER
LTG	LIGHTING	XFMR SW	TRANSFER SWITCH
MNF	MANUFACTURER	XP	EXPLOSION PROOF
MATV	MASTER ANTENNA TELEVISION	1P	SINGLE-PHASE
MAX	MAXIMUM	2P	TWO-POLE
MB	MAIN BUS	3P	THREE-POLE
MCC	MOTOR CONTROL CENTER	4P	FOUR-POLE
MCM	1000 CIRCULAR MILLS	∅	PHASE

ENERGY RECOVERY UNIT CIRCUITING SCHEDULE

Load Name	# of Runs	Wire Size	Wire Type	Rating	Apparent Load
ERV-1a	1	1-#10, 1-#10, 1-#10	THWN	25	
ERV-1c	1	1-#10, 1-#10, 1-#10	THWN	25	
ERV-2a	1	1-#10, 1-#10, 1-#10	THWN	25	
ERV-2c	1	1-#10, 1-#10, 1-#10	THWN	25	
ERV-3b	1	1-#10, 1-#10, 1-#10	THWN	25	
ERV-4	1	1-#10, 1-#10, 1-#10	THWN	25	
ERV-11	1	1-#10, 1-#10, 1-#10	THWN	25	
ERV-12	1	1-#10, 1-#10, 1-#10	THWN	25	

SENSOR GENERAL NOTES

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE SENSOR MANUFACTURER FOR PROPER PLACEMENT AND ADJUSTMENT OF OCCUPANCY SENSORS.
2. EACH ZONE SHALL HAVE COVERAGE BY OCCUPANCY SENSOR SUCH THAT NO BLIND SPOT EXIST.
3. UPON COMPLETION OF THE INSTALLATION, THE SYSTEM SHALL BE COMPLETELY COMMISSIONED BY THE MANUFACTURER'S FACTORY AUTHORIZED TECHNICIAN WHO WILL VERIFY ALL ADJUSTMENTS AND SENSOR PLACEMENT TO ENSURE A TROUBLE FREE INSTALLATION.
4. THE LOCATION AND QUANTITIES OF SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE ROOMS WHICH ARE TO BE PROVIDED WITH SENSORS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ADDITIONAL SENSORS IF REQUIRED TO PROPERLY COVER THE RESPECTIVE ROOM.

GENERAL NOTES

1. CONSULT ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
2. VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO INSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
3. CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC) OF ALL EQUIPMENT FURNISHED UNDER ALL DIVISIONS, INCLUDING ALL EXISTING EQUIPMENT TO BE RE-USED. REVIEW ALL SHOP DRAWINGS AND EXISTING EQUIPMENT BEFORE BEGINNING ROUGH-IN.
4. SEE APPLICABLE SHOP DRAWINGS FOR ROUGH IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC. WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.
5. SEE SPECIFICATION FOR ENERGY SAVING LAMP AND BALLAST REQUIREMENTS.
6. FINISHES OF ALL LIGHT FIXTURES SHALL BE AS SELECTED BY ARCHITECT.
7. THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THRU ELECTRICAL ROOMS OR SPACES, OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS.
8. ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY COLUMNS IN BRICK WALLS OR IN GROUTED CELLS ADJACENT TO OPENINGS. COORDINATE LOCATION OF BOXES WITH MASONRY CONTRACTOR.
9. ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO MAINTAIN FIRE RATING OF SURFACE PENETRATED.

COMPRESSOR UNIT CIRCUITING SCHEDULE

Load Name	# of Runs	Wire Size	Wire Type	Rating	True Current
CU-1a	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-1b	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-1c	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-1d	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-2a	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-2b	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-2c	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-2d	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-3a	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-3b	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-4	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-5	1	2-#10, 1-#10, 1-#10	THWN	25	13
CU-6	1	2-#10, 1-#10, 1-#10	THWN	25	13
CU-7	1	2-#12, 1-#12, 1-#12	THWN	20	11
CU-8	1	2-#10, 1-#10, 1-#10	THWN	30	14
CU-9	1	2-#8, 1-#8, 1-#10	THWN	35	17
CU-10	1	2-#10, 1-#10, 1-#10	THWN	30	14
CU-11	1	2-#8, 1-#8, 1-#10	THWN	35	22
CU-12	1	2-#8, 1-#8, 1-#10	THWN	35	22
CU-13	1	2-#12, 1-#12, 1-#12	THWN	20	11
CU-14	1	2-#10, 1-#10, 1-#10	THWN	30	14

FAN CIRCUITING SCHEDULE

Load Name	# of Runs	Wire Size	Wire Type	Rating	True Current
F-1a	1	1-#10, 1-#10, 1-#10	THWN	20	
F-1b	1	1-#10, 1-#10, 1-#10	THWN	20	
F-1c	1	1-#10, 1-#10, 1-#10	THWN	20	
F-1d	1	1-#10, 1-#10, 1-#10	THWN	20	
F-2a	1	1-#12, 1-#12, 1-#12	THWN	20	
F-2b	1	1-#12, 1-#12, 1-#12	THWN	20	
F-2c	1	1-#12, 1-#12, 1-#12	THWN	20	
F-2d	1	1-#12, 1-#12, 1-#12	THWN	20	
F-2d	1	1-#12, 1-#12, 1-#12	THWN	20	
F-3a	1	1-#12, 1-#12, 1-#12	THWN	20	
F-4	1	1-#12, 1-#12, 1-#12	THWN	20	
F-5	1	1-#10, 1-#10, 1-#10	THWN	20	
F-6	1	1-#8, 1-#8, 1-#8	THWN	20	
F-7	1	1-#12, 1-#12, 1-#12	THWN	20	
F-8	1	1-#12, 1-#12, 1-#12	THWN	20	
F-9	1	1-#12, 1-#12, 1-#12	THWN	20	
F-10	1	1-#12, 1-#12, 1-#12	THWN	20	
F-11	1	1-#10, 1-#10, 1-#10	THWN	20	
F-12	1	1-#12, 1-#12, 1-#12	THWN	20	
F-13	1	1-#10, 1-#10, 1-#10	THWN	20	
F-14	1	1-#10, 1-#10, 1-#10	THWN	20	

ELECTRICAL SYMBOL SCHEDULE

1. SEE FIXTURE SCHEDULE FOR TYPE, MOUNTING AND WATTAGE.
2. HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISH FLOOR.
3. REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.
4. SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.
5. NEMA TYPE 'ND' NON-FUSED UNLESS NOTED 'F' (FUSED). USE 'HD' 480 V.
6. HEIGHT MEASURED TO TOP OF BOX FROM FINISH FLOOR.
7. PROVIDE H.O.A. AND S.S. PUSHBUTTONS AS REQUIRED.
8. DOUBLE ARROWS DENOTE A DOUBLE FACE UNIT.
9. COORDINATE WITH MILLWORK SHOP DRAWINGS AND ELEVATIONS FOR HEIGHT.
10. SUBSCRIPT DENOTES NEMA CONFIGURATION.
11. HEIGHT MEASURED TO BOTTOM OF THE BOX FROM FINISH FLOOR.
12. COORDINATE WITH DOOR HARDWARE SUPPLIER.

STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES
	ONE CIRCUIT, HOME RUN TO PANEL		
	CONDUIT RUN CONCEALED IN WALL OR CEILING		
S	CONDUIT/CIRCUIT CONTINUATION		
	WALL LIGHT FIXTURE	AS NOTED	1.
	FLOOD OR TRACK FIXTURE	AS NOTED	
	WALL MOUNTED EXIT LIGHT	AS NOTED	1.3.8.
$^{D}	VARIABLE INTENSITY SWITCH	SEE SPECS.	6.
$_{LVx}	LOW VOLTAGE WALLSTATION (SUBSCRIPT INDICATES CONFIGURATION & CONTROL SEQUENCE) SEE DIAGRAM	SEE SPECS.	6., SEE DIAGRAM, SPEC.
	WALL MOUNTED OCCUPANCY SENSOR	SEE SPECS.	
	DUPLEX RECEPTACLE UPPER OUTLET SWITCH CONTROLLED	SEE SPECS.	9. 11.
	DUPLEX RECEPTACLE	SEE SPECS.	9. 11.
A	DUPLEX RECEPTACLE	SEE SPECS.	9.
W	ELECTRIC WATER COOLER RECEPTACLE	SEE SPECS.	SEE DIAGRAM
WP	WEATHERPROOF RECEPTACLE	SEE SPECS.	2. 9.
IG	ISOLATED GROUND RECEPTACLE	SEE SPECS.	2. 9.
	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE	SEE SPECS.	9. 11.
	DUPLEX RECEPTACLE EMERGENCY POWER (RED)	SEE SPECS.	9. 11.
	SPECIAL PURPOSE OUTLET	SEE SPECS.	10. WITH CAP. 11.
	FOURPLEX RECEPTACLE	SEE SPECS.	9. 11.
	GROUND FAULT INTERRUPTER FOURPLEX RECEPTACLE	SEE SPECS.	9. 11.
FB	FLOOR BOX	SEE SPECS.	SEE DIAGRAM, SPEC.
J	JUNCTION BOX ('F' IN FLOOR)	SEE SPECS.	
	MOTOR OUTLET	SEE SPECS.	
EQ 34	EQUIPMENT NUMBER	SEE SPECS.	
	PANEL BOARD	SEE SPECS.	
	MAIN DISTRIBUTION PANEL	SEE SPECS.	
	TELEPHONE TERMINAL BOARD		
EQ	EQUIPMENT NUMBER		
$^{T}	MANUAL STARTER W/ THERMAL OVERLOAD		
	CEILING LIGHT FIXTURE	CEILING	1.
	RECESSED DOWNLIGHT FIXTURE	CEILING	1.
	LIGHT FIXTURE	AS NOTED	1
	EGRESS LIGHT FIXTURE	AS NOTED	UNSWITCHED
	CEILING MOUNTED EXIT LIGHT	CEILING	1.3.8.
	CEILING MOUNTED OCCUPANCY SENSOR	CEILING	6.
PP	POWER PACK	CEILING	SEE DIAGRAM, SPEC.
RC X	DIGITAL ROOM CONTROLLER (SUBSCRIPT INDICATES NUMBER OF RELAYS)	CEILING	SEE DIAGRAM, SPEC.
	DIGITAL DAYLIGHT SENSOR	CEILING	SEE DIAGRAM, SPECIFICATION
A	LIGHT FIXTURE (LETTER DESIGNATES TYPE)		

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DAVID G. HINCKLEY
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.2025

REV	DATE	DESCRIPTION

SYMBOLS, SCHEDULES AND NOTES

E602

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FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMP	LAMP TEMP	ELECTRICAL DATA	MFR 1	MODEL 1	MFR 2	MODEL 2	MFR 3	MODEL 3	MFR 4	MODEL 4	MFR 5	MODEL 5	MFR 6	MODEL 6
F1	2' x 4' RECESSED FIXTURE FLAT PANEL	4600 LUMEN LED	3500 K	120 V/1-0.0	ALPHALITE	BFPL-24-L-8-35	METALUX	24FP4735C	HE WILLIAMS	LP-2-4-L50-8-35	LSI	SFP24-LED-50-UE-DIM-35	LITHONIA	CPX 2X4 4000LM 35K M2	HUBBELL	CFP24-4135-HE
F2	2'X4' SURFACE MOUNTED LOW PROFILE TROFFER 0-10V DIMMING DRIVER, 1% DIMMING (CULTURAL CENTER)	7192 LUMEN LED	3500 K	120 V/1-0.1	DAY-BRITE	2SML-74L-835-4-FS-19F-UNV-DIM	METALUX	24GR-LD5-72-A19/156-UNV-L835-CD1-U-SK-WT	HE WILLIAMS	12-4-L84/835-FAF12140-(L72)-DIM-UNV	PACO LTG	PUSU-R-24-LED-50-35-S1-A2-MVOLT-SP	LITHONIA	2TLX4-72L-FW-A19-EZ1-LP835	COLUMBIA	LJT24-35VLSM-FSAT12140-ED1U
F2E	2'X4' SURFACE MOUNTED LOW PROFILE TROFFER 0-10V DIMMING DRIVER, 1% DIMMING (CULTURAL CENTER), 90 MIN BATTERY PACK	7192 LUMEN LED	3500 K	120 V/1-0.1	DAY-BRITE	2SML-74L-835-4-FS-19F-UNV-DIM-EMLED	METALUX	24GR-LD5-72-A19/156-UNV-EL14W-L835-CD1-U-SK-W	HE WILLIAMS	12-4-L84/835-FAF12140-(L72)-EM/10W-DIM-UNV	PACO LTG	PUSU-R-24-LED-50-35-S1-A2-MVOLT-SP-EM	LITHONIA	2TLX4-72L-FW-A19-EZ1-LP835-ILB-CP12-X	COLUMBIA	LJT24-35VLSM-FSAT12140-ED1U-ELL14
F3	1'x4' RECESSED MOUNTED FLAT PANEL	4000 LUMEN LED	3500 K	120 V/1-0.0	DAYBRITE	1-FXP-38L-835-4-DS-UNV-DIM-FMA14FP	METALUX	14FPX-DF-4200-L835-CD1-DF-14W-U	HE WILLIAMS	BP-1-4-LS-8-CS-DFK-128W	LSI	SFP14-LED-40-UE-DIM-35-6427 93	EELP	VLFP6-B-14-40L-QT-35K/VLFP6-B-SURF	COLUMBIA	CBT14-A-LSCS-EDD/FK14
F3E	1'x4' RECESSED MOUNTED FLAT PANEL WITH 90 MIN EM BATTERY	4000 LUMEN LED	3500 K	120 V/1-0.0	DAYBRITE	1-FXP-38L-835-4-DS-UNV-DIM-FMA14-EMLED	METALUX	14FPX-DF-4200-EL7W-L835-CD1DF-14W-U	HE WILLIAMS	BP-1-4-LS-8-CS-DFK-128W-EM/8W-DIM-UNV	LSI	SFP14-LED-40-UE-DIM-35-EM-642793	EELP	VLFP6-B-14-40L-QT-35K/EBLED14W/VLFP6-B-SURF	COUMBIA	CBT14-A-LSCS-EDD-ELL14/FK14
F4E	2' WALL MOUNTED VANITY FIXTURE WITH ACRYLIC MOUNT ABOVE MIRRORS AT 7'-0". SEE SHEET A408. 90 MIN BATTERY	2332 LUMEN LED	3500 K	120 V/1-0.0	LSI	W442-LED-SS-30K-UE	METALUX	2BCLED-LD4-24SL-F-UNV-EL14W-L835-CD1-U	HE WILLIAMS	WMA-2-L30/835-AF-EM/10W-DRV-UNV	BROWNLEE	5180-25-WH-H16LED-35K-BBI	LITHONIA	WL2-22L-GZ10-LP835-ILB-CP12-X	COLUMBIA	MPS-2-35-VW-C-W-ED-U-MPSCE
F5	4' WALL MOUNTED VANITY FIXTURE WITH ACRYLIC MOUNT ABOVE MIRRORS AT 7'-0". SEE SHEET A408.	3164 LUMEN LED	3500 K	120 V/1-0.0	LSI	W444-LED-SS-30K-UE	METALUX	4BCLED-LD4-32SL-F-UNV-L835-CD1-U	HE WILLIAMS	WMA-4-L32/835-AF-EM/10W-DRV-UNV	BROWNLEE	5180-49-WH-H25LED-35K	LITHONIA	WL4-30L-GZ10-LP835	COLUMBIA	MPS-4-35-VW-C-W-ED-U-MPSCE
F6	4' LED STRIP LIGHT WITH LENS, SURFACE OR CHAIN SUSPENDED, WITH WIRE GUARD.	2574 LUMEN LED	3500 K	120 V/1-0.0	DAY-BRITE	FSS430L835-UNV-DIM / FSSWG4	METALUX	4SNLED-LD5-26SL-LW-UNV-L835-CD1-U-WG/SNF-4FT-U	HE WILLIAMS	75R-4-L30/835-WG-75-DIM-UNV	LSI	SDL4-LED-30L-FL-UNV-DIM1-35-80CRI-WG	LITHONIA	ZL1D-L48-3000LM-FST-120-35K-80CRI-WH/WGZ48	COLUMBIA	MPS4-35XW-CW-EDU/MPS/WG4
F7	4' VANDAL RESISTANT	4600 LUMEN LED	4000 K	120 V/1-0.0	NEW STAR	VIC-4-N-L2-40-1C-RW-12-WH-DM	KENALL	MLHA12-4-45L40K-ICC-1-120	CERTOLUX	VRSE-3556-48-LED-8-40K-048L-UNV						
F8	2' LED MULTIPURPOSE LINEAR, FLAT LENS	1000 LUMEN LED	3500 K	120 V/1-0.0	LEDALITE	TC08L83515WN-SN-02-DE	COOPER IO LED	LM-05L-935-120-ID-UNV-S-SM-STD-XX	HE WILLIAMS	CXC-2'00-L4/835-25-D-DIM-UNV	LUMENSENSE	CUS-2'-LSC1-1100LP-DIM10-M VOLT-120X120D-35K-90-CL-SI	FOCAL POINT	FCOL-HN-500LF-35K-1C-UNV-LD1-CV-2'	LITECONTROL	30-CC-AI-2'-WHS-35K9-I050-D01-UNV
F8B	2' LED MULTIPURPOSE LINEAR, FLAT LENS	2000 LUMEN LED	3500 K	120 V/1-0.0	LEDALITE	TC08L83515WN-SN-02-DE	COOPER IO LED	LM-10L-935-120-ID-UNV-S-SM-STD-XX	HE WILLIAMS	CXC-2'00-L4/835-25-D-DIM-UNV	LUMENSENSE	CUS-2'-LSC1-1100LP-DIM10-M VOLT-120X120D-35K-90-CL-SI	FOCAL POINT	FCOL-HN-1000LF-35K-1C-UNV-LD1-CV-2'	LITECONTROL	30-CC-AI-2'-WHS-35K9-I050-D01-UNV
F9	8' LED COVE. (2) 4 FT SECTIONS ARE ALSO ACCEPTABLE.	9250 LUMEN LED	3500 K	120 V/1-0.1	LEDALITE	TC08L83550WN-SN-08-DE	COOPER IO LED	LM-15L-935-120-ID-UNV-S-SM-STD-XX	HE WILLIAMS	CXC-8'00-L10/835-25-D-DIM-UNV	LUMENSENSE	CUS-8'-LSC1-1100LP-DIM10-M VOLT-120X120D-35K-90-CL-SI	FOCAL POINT	FCOL-HN-1000LF-35K-1C-UNV-LD1-CV-8'35K 80 CRI WH	LITECONTROL	30-CC-AI-8'-WHS-35K9-I100-D01-UNV
F9B	LED COVE LIGHT	LED	3500 K	120 V/1-0.0	LITHONIA	ZL1D-L96-6000LM-FST-120V-30K-80CRI	METALUX	8TSNLED-LD5-61SL-LW-UNV-L835-CD1-U	HE WILLIAMS	75R-8-L60/830-DIM-UNV	COLUMBIA	MPS8-35VW-FW-EDU				
F9C	LED COVE LIGHT	LED	3500 K	120 V/1-0.1	TIVOLI	CVLID-30K-XX-120	COOPER IO LED	CS-SL-8SCT-120-ID-UNV-W-SA-STD-1F	CURRENT GLI	GEWWNL2-30K-A						
F9E	8' LED MULTIPURPOSE LINEAR, WITH 90 MIN BATTERY PACK. (2) 4 FT SECTIONS ALSO ACCEPTABLE.	9250 LUMEN LED	3500 K	120 V/1-0.1	LEDALITE	TC08L83550WN-SN-08-DE-EM	COOPER IO LED	LM-15L-935-120-ID-UNV-S-SM-STD-XX-EM	HE WILLIAMS	CXC-8'00-L10/835-25-D-DIM-UNV-EM	LUMENSENSE	CUS-8'-LSC1-1100LP-DIM10-M-EM	FOCAL POINT	FCOL-HN-1000LF-35K-1C-UNV-LD1-CV-8'35K-EM	LITECONTROL	30-CC-AI-8'-WHS-35K9-I100-EM
F10	4' LED COVE FLAT LENS	4625 LUMEN LED	3500 K	120 V/1-0.0	LEDALITE	TC08L83515WN-SN-04-DE	COOPER IO LED	LM-05L-935-120-ID-UNV-S-SM-STD-XX	HE WILLIAMS	CXC-4'00-L6/835-25-D-DIM-UNV	LUMENSENSE	4-LSC1-1100LP-DIM10-M VOLT-120X120D-35K-90-CL-SI			LITECONTROL	30-CC-AI-4'-WHS-35K9-I050-D01-UNV
F11	6" APERTURE RECESSED DOWNLIGHT WITH LED RETROFIT KIT AND SHALLOW HOUSING. WHITE TRIM AND LENS. 1-1/4" CEILING FLANGE.	1200 LUMEN LED	3500 K	120 V/1-0.0	CURRENT-GLI	LRXBR61X9CWVQ/FRAME6R	HALO	LT560WH12930 E7ICAT	LITON	CH618UE-D10 CR6L22SW-T30	ELITE	RL679-1100L-CCT	LITHONIA	WF6 LED 27K30K35K MVOLT 90CRI MW	DMF	DRDH-N-IC-6-10O/DRD2M-10-9-30-A DRD2T-R-6-S-WH
F12	6" APERTURE DOWNLIGHT WITH WHITE TRIM. DAMP LOCATION RATED.	2000 LUMEN LED	3500 K	120 V/1-0.0	LIGHTOLIER	6-R-N-P6R-DL-20-935-M-CC-Z10-U	HALO	PR62D010-PR6M34MDMW	HE WILLIAMS	6DR-L40/835-(L20)-DIM-UNV-OW-OF-CS-N-F1	ELCO	E6LFU20D-E610L2035W	LITHONIA	LBR6-AL02-20LM-35K-AR-LSS-MWD-MVOLT	PRESCOLITE	LF6SL-6LFSL20L35K
F13	6" APERTURE DOWNLIGHT WALL WASH WITH WHITE TRIM. INCANDESCENT LAMP HOUSING, WHITE TRIM, LED LAMP LABEL	1600 LUMEN LED	3500 K	120 V/1-0.0	LIGHTOLIER	L6RAZ10UVA / L6R15835VA / L6RDD	PDS	HC615D010-HM612835-61RWWC	HE WILLIAMS	6DR-TL-L10/835-DIM-UNV-OW-OF-CS-N-F1	ELCO	EL7ICA-EL25W	LITHONIA	LDN6-35/20-LWGAR-LSS-MVOLT-GZ10-TRW	LITON	LH7-LRS95C-T35
F14	6" APERTURE DOWNLIGHT WITH WHITE TRIM. DAMP LOCATION RATED, IC RATING	2000 LUMEN LED	3500 K	120 V/1-0.0	LIGHTOLIER	6-R-N-P6R-DL-20-935-M-CC-Z10-U ME6R	HALO	PR62D010-PR6M34MDMW	HE WILLIAMS	6DR-L40/835-(L20)-DIM-UNV-OW-OF-CS-N-F1	ELCO	E6LFU20D-E610L2035W	LITHONIA	LBR6-AL02-20LM-35K-AR	PRESCOLITE	LF6SL-6LFSL20L35K
F17	30" DIAMETER DOUBLE SEALED BOWL FIXTURE WITH MACHINED ALUMINUM TRIM RING, BOTTOM OF FIXTURES AT +13'-0" ABOVE FINISHED FLOOR	LED VARIES, 9600 LUMENS	3500 K	120 V/1-0.1	VICTOR ILLUMINATING	VLD4130-ACC 85LED-3K-SA-XX-120-SD-DM7	CAMMAN	P3550-36-LN-35K-CLV-MV-WM-PAL-ST-DC	LIGHTWAY	MONH-36-LED-80W-2-Z1-3TB1SLM45-720AH-TOPDOMLENS	CRAFT METAL	SC3010L-EEG-PC-SA-SS--120/277-STD-LDS W/DBL BOWL	SPECTRUM	SPEC18-0004-36"LDS-SCBA	LE LAMPISTE	BWL-S-D-30/XX/30-6LED / 15-LDS-CLA-SA-DBWL
F18	36" DIAMETER DOUBLE SEALED BOWL FIXTURE WITH MACHINED ALUMINUM TRIM RING, BOTTOM OF FIXTURES AT +13'-0" ABOVE FINISHED FLOOR	LED VARIES, 9600 LUMENS	3500 K	120 V/1-0.1	VICTOR ILLUMINATING	VLD4136-ACC 87LED-3K-SA-XX-120-SD-DM7	CAMMAN	P3550-36-LN-35K-CLV-MV-WM-PAL-ST-DC	LIGHTWAY	MONH-36-LED-80W-2-Z1-3TB1SLM45-720AH-TOPDOMLENS	CRAFT METAL	SC3612L-EEF-PC-SA--SS--120/277-STD-LDS W/DBL BOWL	SPECTRUM	SPEC18-0004-36"LDS-SCBA	LE LAMPISTE	BWL-S-D-30/XX/30-6LED / 15-LDS-CLA-SA-DBWL
F22A	SURFACE CYLINDRICAL SPOT LAMP HOLDER	1-PAR 38 LED REPLACEMENT 2000LM DIMMABLE	3500 K	120 V/1-0.0	LIGHTOLIER	LC10835WTE / LLMRF	HALO	L80815FL9030P			ELCO	ET650W/EP811W	JUNO	T1038-E26-25W-WH	LITON	LT850-W/LP913W/PAR38 LED LAMP
F24	SURFACE CERAMIC LAMP HOLDER. PROVIDE METAL WIRE GUARD, PROVIDE LED LAMP	1-A19 LED REPLACEMENT 1000LM DIMMABLE	3500 K	120 V/1-0.0	LEVITON	49875	P&S	274	ARROWHART	604	BRYANT	5228				
F26	WALL MOUNTED. WET LOCATION FINISH TO MATCH PARKING LOT FIXTURES. PROVIDE FIXTURE WITH VANDAL RESISTANT HARDWARE, 90 MIN BATTERY	1500 LUMEN LED	4000 K	120 V/1-0.0	TRACELITE	TLED112P-42-VS-4K-WH-TRH	LUMARK	XTOR2B-W-WT-EM	STONCO	LPW16-58-WW-G3 UNV-SCBA	LSI	WPSLS-2L-30-XX	LITHONIA	WPX1 LED P1 40K MVOLT E4WH DWHXD	HUBBELL	SG1-20-4K7-3-UNV-A4-WHS
F27	PARKING LOT LIGHTING/18' POLE	LED	4000K	208 V/1-0.1	GARDCO	ECF-S-32L-530-NW-G2 AR-3-UNV-DD-F1-SCBA	BEACON	VP1-160L-50-4K7-3-UNV-A4-WHS/RSS-B-S-18-40-A-1-B3-WHS	ALS	P-50-40-3M-RL-WH-UD RSHA-5183-AB-D1-WH	MCGRAW EDISON	GLEON-AE-01-LED-E1-T3-SCBA/SSA18D4-H-SCBA-DM10-BC	LITHONIA	RSX1 LED P2 40K R3 MVOLT SPA DDBXD SSAH 18 4G DM19AS DDBXD	LSI	MRS-LED-6L-SIL-3-UNV-DIM-30-70C RI-XX-4RHPB3-A125-18'-S-XX
F28	2' x 4' RECESSED FIXTURE WITH CENTER ACRYLIC LENS	4500 LUMEN LED	3500 K	120 V/1-0.1	ALPHALITE	ILT-CB-24L(45S2)/835-FK	METALUX	24CZ-LD5-45-UNV-L835-CD1-U-DF-24W-U-24-W	HE WILLIAMS	LT24-L40/835-AF-(L45)-2448W-DIM-UNV	LSI	LPASC24-LED-45L-UNV-DIM1-35	LITHONIA	2BLT4-45L-ADP-EZ1-LP835	HUBBELL	LCAT24-35MLG- EDU
F28E	2' x 4' RECESSED FIXTURE WITH CENTER ACRYLIC LENS, FLANGE KIT, 90 MIN BATTERY	4500 LUMEN LED	3500 K	120 V/1-0.0	ALPHALITE	ILT-CB-24L(45S2)/835-FK-EM	METALUX	24CZ-LD5-45-UNV-EL14W-L835-CD1-U-DF-24W-U-DF-24-W	HE WILLIAMS	LT24-L40/835-AF-(L45)-DFK-2448W-EM/10W-DIM-UNV	LSI	LPASC24-LED-45L-UNV-DIM1-35-FK24	LITHONIA	2BLT4-45L-ADP-EZ1-LP835-DGA24-EL14L	HUBBELL	LCAT24-35MWG-EDU-ELL14/FK24
F29	EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON PLANS. PROVIDE CLEAR VANDAL SHIELD FOR FIXTURES IN CULTURAL CENTER.	LED INCLUDED	<varies>	120 V/1-0.0	COMPASS	CEG	EVENLITE	TLX-EM-GU-W	HE WILLIAMS	EXIT-G-EM-WHT-D	LSI	EX G U WB WH	ISOLITE	RL-EM-G-WH-(WG2)	BEGHELLI	VA4-G-SAA1W/G

LIGHTING FIXTURE SYMBOLS

	F1
	F1E
	F2
	F2E
	F3
	F3E
	F4
EM	F4E
	F5
EM	F5E
	F6
	F7
	F8
	F9
	F9E
	F10E
	F11
	F12
	F13
	F14
	F15
	F17
	F18
	F19
	F21
	F22
	F24
	F26E
	F28
	F28E
	F29
	F30

FIXTURE SCHEDULE NOTES:

1. SEE SHEET C703 FOR POLE BASE DETAIL.
2. ORIENT POLE BASE SO POLE MAY BE LOWERED WITHOUT HITTING ANY OBSTRUCTION.
3. SEE SPECIFICATIONS 265600 FOR FIXTURE AND POLE FINISH AND COLOR.
4. THE FIXTURE DESCRIPTION AND SPECIFICATIONS TAKES PRECEDENCE OVER CATALOG NUMBER.
5. ALL LED FIXTURES SHALL BE LISTED BY THE DESIGN LIGHTS CONSORTIUM OR BE ENERGY STAR LABELED. LEDS SHALL HAVE A MINIMUM 100 LM/WATT EFFICIENCY AND A 5 YEAR WARRANTED LIFE. LED LAMP DRIVERS SHALL HAVE INTEGRAL SURGE PROTECTION.
6. REFER TO SPECIFICATION FOR FLUORESCENT BALLAST REQUIREMENTS.
7. ALL LED LAMPS SHALL HAVE DRIVERS COMPATIBLE WITH LINE VOLTAGE DIMMERS.
8. THE INDICATED LED LAMP LM/WATT EFFICIENCIES INDICATED ARE MINIMUM VALUES.

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2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

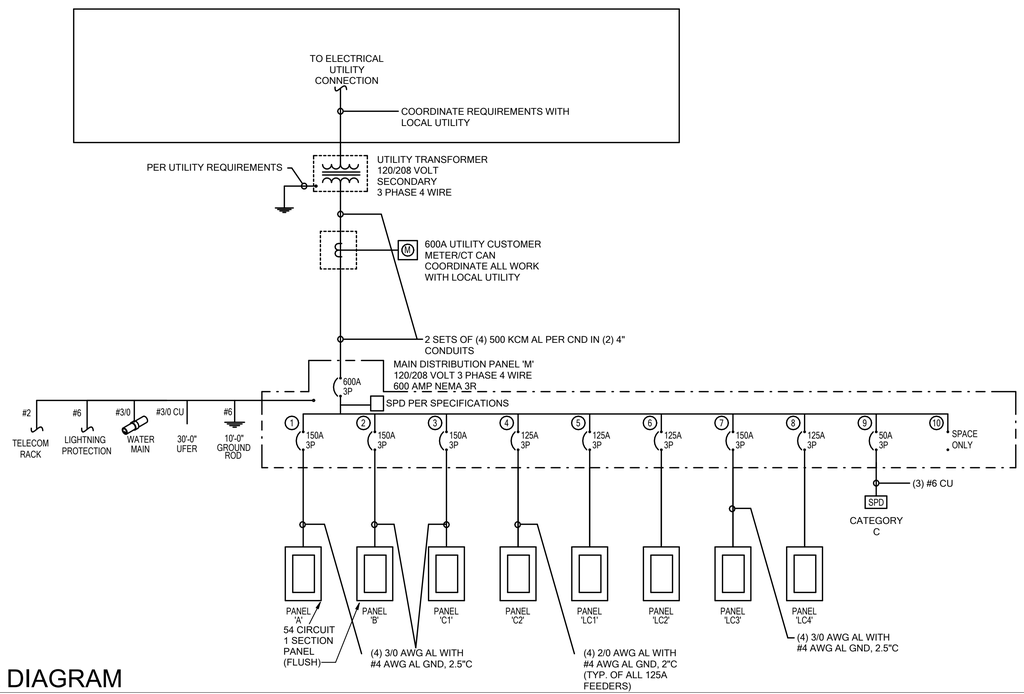
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.2025

REV	DATE	DESCRIPTION

SCHEDULES AND NOTES

E603

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SCALE: NO SCALE

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ONE-LINE DIAGRAM

E604

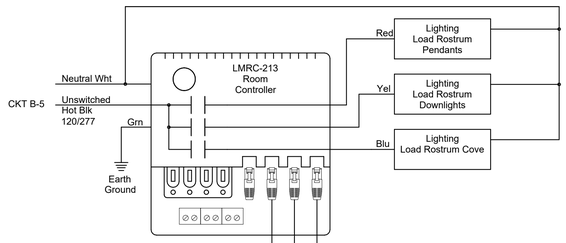
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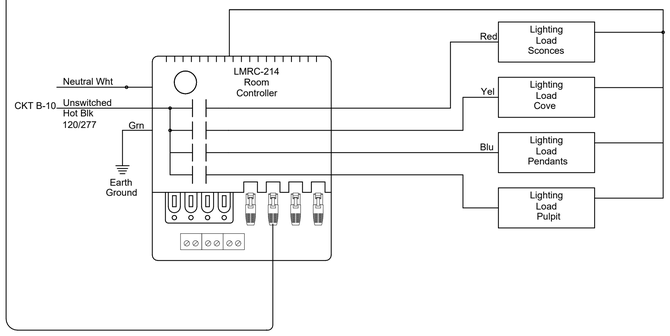
Chapel

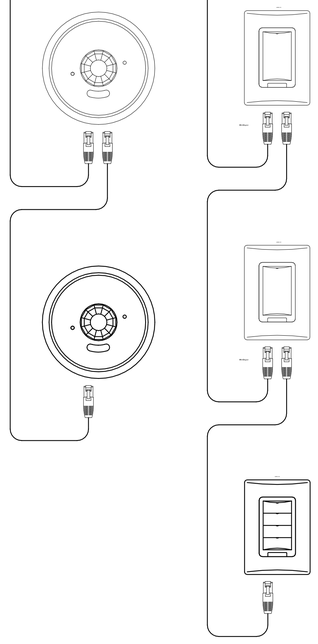
BILL OF MATERIALS

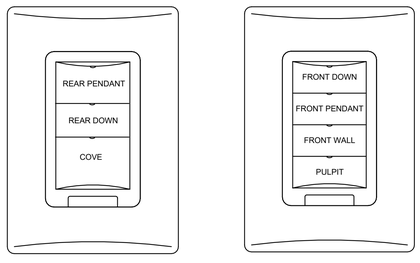
LMRC_213 (1), Three Relay Room Controller
LMRC_212 (1), Two Relay Room Controller
LMPC_100-5 (4), Digital PIR Ceiling Mount Occupancy Sensor (extended height)
LMSW_101 (3), 1-Button Digital Wall Switch
LMSW_104 (1), 4-Button Digital Wall Switch

SEQUENCE OF OPERATION









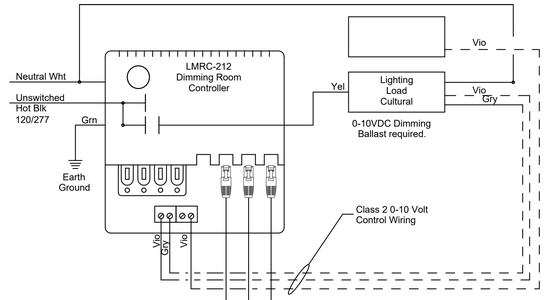
SWITCH LABELS

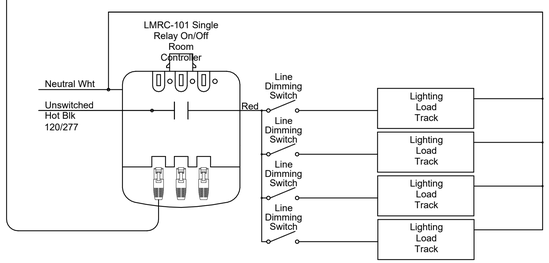
Overflow\Cultural

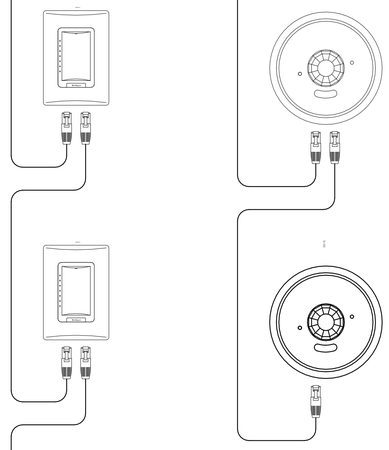
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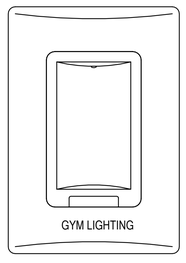
LMRC_212 (1), Two Relay Room Controller with 0-10v Dimming
LMRC_101 (1), Single Relay Room Controller
LMDM_101 (4), Digital Dimming Wall Switch
LMPC_100 (4), Digital PIR Ceiling Mount Occupancy Sensor
LMIO_102 (1), Digital Partition Interface

SEQUENCE OF OPERATION









SWITCH LABEL

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No. 5148728
DAVID G. HINCKLEY
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	10.10.2025

REV	DATE	DESCRIPTION

LIGHTING CONTROL WIRING DIAGRAMS

E605

A1 CHAPEL LIGHTING CONTROL WIRING DIAGRAM
NO SCALE

A3 CULTURAL CENTER LIGHTING CONTROL WIRING DIAGRAM
NO SCALE

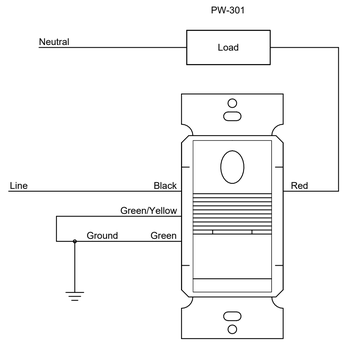
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10/7/2025 9:37:46 AM

Wall Switch Typical

BILL OF MATERIALS

PW_301 (1), Passive Infrared (PIR) Wall Switch Sensor

SEQUENCE OF OPERATION



TYPICAL WALL SWITCH WIRING DIAGRAM

C2 NO SCALE

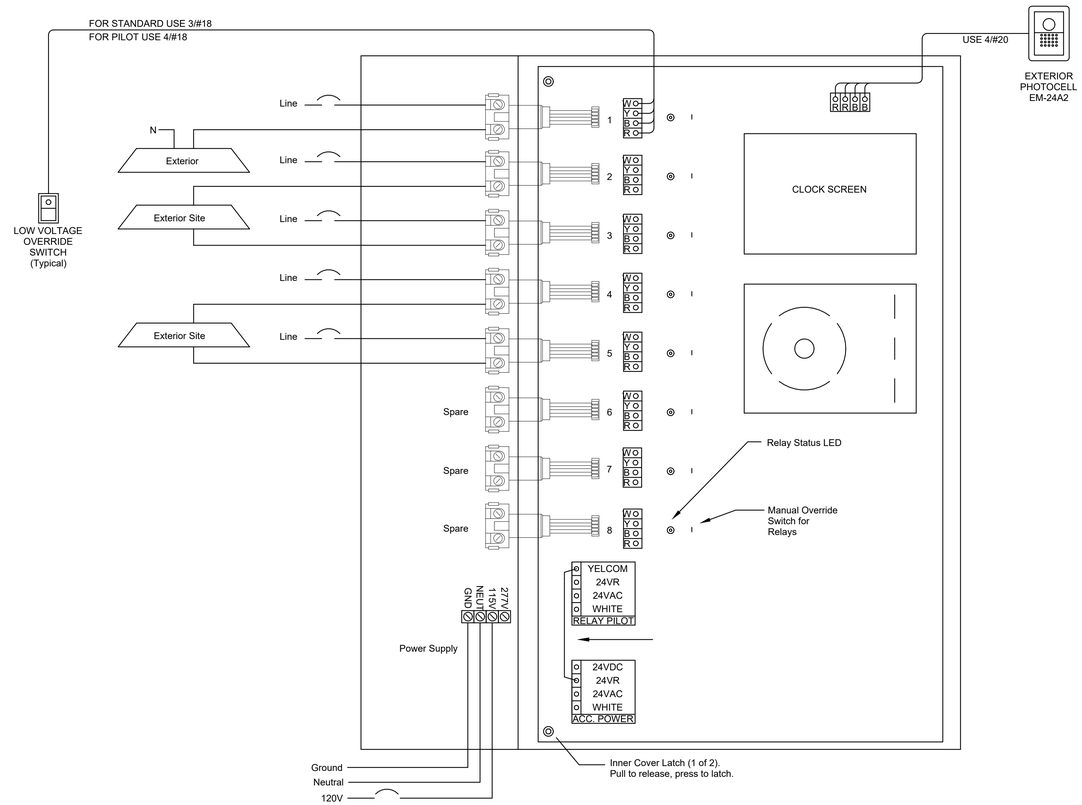
Overflow\Cultural

BILL OF MATERIALS

LMRC_212 (1), Two Relay Room Controller with 0-10v Dimming
LMRC_101 (1), Single Relay Room Controller
LMDM_101 (4), Digital Dimming Wall Switch
LMPC_100 (4), Digital PIR Ceiling Mount Occupancy Sensor
LMIO_102 (1), Digital Partition Interface

SEQUENCE OF OPERATION

8-RELAY CAPACITY
LP8 RELAY PANEL

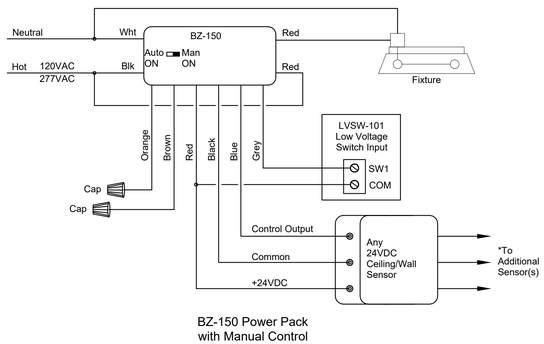


Hallways/Foyers

BILL OF MATERIALS

BZ-150 (1), 20A Power Pack
UT-300-3 (x), Ultrasonic (US) Ceiling Sensor (hallway application)
LVSW-101 (x), Single Button Low Voltage Switch

SEQUENCE OF OPERATION



BZ-150 Power Pack
with Manual Control

HALLWAYS/FOYERS LIGHTING CONTROL WIRING DIAGRAM

A1 NO SCALE

PEANUT PANEL LIGHTING CONTROL WIRING DIAGRAM

A3 NO SCALE

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REV	DATE	DESCRIPTION

LIGHTING CONTROL WIRING DIAGRAMS

E606

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10/7/2025 9:37:47 AM

SHEET KEYNOTES

1 4" PIPING OUT TO REMOTE FIRE DEPARTMENT CONNECTION. SEE SITE CIVIL PLAN FOR CONTINUATION. PROVIDE LOCAL WATER FLOW ALARM (ELECTRIC HORN/STROBE) ON BUILDING NEW FDC.

2 UNDERGROUND SUPPLY MAIN. SEE SITE PLAN FOR CONTINUATION.

3 LOW TEMPERATURE SENSOR IN RISER ROOM. SEE SHEET FA101.

4 WET PIPE RISER. SEE SHEET FS501.

5 SPRINKLERS FEED FROM EQUIPMENT LEVEL PIPING.

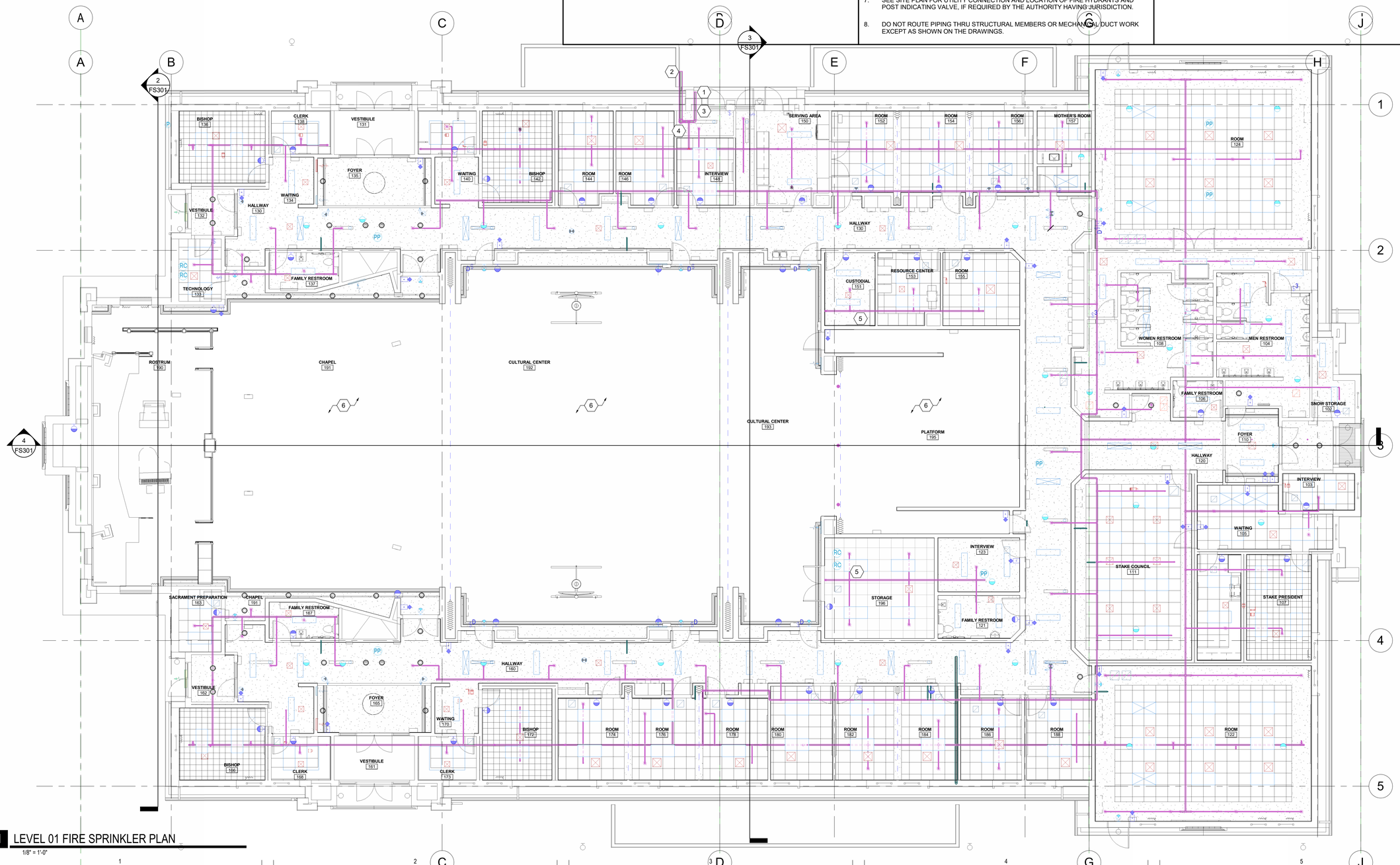
6 SPRINKLERS IN THIS AREA ARE SHOWN EQUIPMENT LEVEL.

GENERAL SHEET NOTES

1. INSTALL FIRE PROTECTION PIPING AS SHOWN, WET-PIPE SYSTEM THROUGHOUT ALL AREAS OF THE BUILDING.
2. USE DRY-BARREL TYPE SPRINKLERS IN CANOPIES AND VESTIBULES WHEN SUPPLIED FROM WET SYSTEM.
3. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER.
4. RUN PIPING LEVEL OR SLOPED TO DRAIN AS DESIGNATED IN NFPA 13.
5. THE FIRE SPRINKLER SYSTEM SHALL BE DESIGNED PER THE REQUIREMENTS OF NFPA 13, LIGHT HAZARD FOR THE MAIN LEVEL AND ATTICE WITH THE EXCEPTION OF THE SERVING AREA, MECHANICAL, ELECTRICAL AND JANITOR AREAS WHICH SHALL BE DESIGNED AS ORDINARY HAZARD GROUP 1, AND THE PLATFORM THAT WILL BE DESIGNED AS ORDINARY HAZARD GROUP 2.
6. SPRINKLER HEAD SPACING:
   - 6.1 LIGHT HAZARD: 225 SQ. FT.
   - 6.2 ORDINARY HAZARD: 130 SQ. FT.
   - 6.3 ATTIC: 130 SQ. FT. PER HEAD.
7. SEE SITE PLAN FOR UTILITY CONNECTION AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE, IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK EXCEPT AS SHOWN ON THE DRAWINGS.

GENERAL SHEET NOTES

9. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS. SPRINKLER HEADS DO NOT HAVE TO BE CENTERED IN THE ONE FOOT ACOUSTICAL TILES.
10. COORDINATE WITH FRAMER FOR SHEAR-WALL PENETRATIONS.
11. ALL SPRINKLERS SHALL BE QUICK-RESPONSE TYPE.
12. ALL WET-PIPE SYSTEM COMPONENTS (EXCEPT DRY SPRINKLERS) SHALL BE INSIDE THE BUILDING INSULATION ENVELOPE.
13. ALL REQUIRED DRAINS SHALL FOLLOW NFPA 13 REQUIREMENTS. DRAIN VALVES SHALL BE LOCATED TO PREVENT PUBLIC ACCESS AND SHALL BE PIPED TO DISCHARGE OUTSIDE THE BUILDING.
14. PROVIDE FIRE SPRINKLERS UNDER CANOPIES, STAIRS, AND ROSTRUM ONLY IF REQUIRED BY THE LOCAL FIRE MARSHAL. SPRINKLERS ARE NOT REQUIRED WITHIN CANOPIES THAT ARE FILLED WITH NON-COMBUSTIBLE INSULATION.



A1 LEVEL 01 FIRE SPRINKLER PLAN

1/8" = 1'-0"

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Jeffrey D. DuBois
10/22/2025
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

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DATE: 10.10.25

REV	DATE	DESCRIPTION

MAIN FLOOR FIRE SPRINKLER PLAN

FS101

10/22/2025 11:39:26 AM
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SHEET KEYNOTES

1 SPRINKLERS IN THIS AREA ARE SHOWN EQUIPMENT LEVEL.

2 SPRINKLERS FEED FROM MAIN LEVEL PIPING.

GENERAL SHEET NOTES

1. INSTALL FIRE PROTECTION PIPING AS SHOWN, WET-PIPE SYSTEM THROUGHOUT ALL AREAS OF THE BUILDING.
2. USE DRY-BARREL TYPE SPRINKLERS IN CANOPIES AND VESTIBULES WHEN SUPPLIED FROM WET SYSTEM.
3. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER.
4. RUN PIPING LEVEL OR SLOPED TO DRAIN AS DESIGNATED IN NFPA 13.
5. THE FIRE SPRINKLER SYSTEM SHALL BE DESIGNED PER THE REQUIREMENTS OF NFPA 13, LIGHT HAZARD FOR THE MAIN LEVEL AND ATTICE WITH THE EXCEPTION OF THE SERVING AREA, MECHANICAL, ELECTRICAL AND JANITOR AREAS WHICH SHALL BE DESIGNED AS ORDINARY HAZARD GROUP 1, AND THE PLATFORM THAT WILL BE DESIGNED AS ORDINARY HAZARD GROUP 2.
6. SPRINKLER HEAD SPACING:
   - 6.1 LIGHT HAZARD: 225 SQ. FT.
   - 6.2 ORDINARY HAZARD: 130 SQ. FT.
   - 6.3 ATTIC: 130 SQ. FT. PER HEAD.
7. SEE SITE PLAN FOR UTILITY CONNECTION AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE, IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK EXCEPT AS SHOWN ON THE DRAWINGS.

GENERAL SHEET NOTES

9. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS. SPRINKLER HEADS DO NOT HAVE TO BE CENTERED IN THE ONE FOOT ACOUSTICAL TILES.
10. COORDINATE WITH FRAMER FOR SHEAR-WALL PENETRATIONS.
11. ALL SPRINKLERS SHALL BE QUICK-RESPONSE TYPE.
12. ALL WET-PIPE SYSTEM COMPONENTS (EXCEPT DRY SPRINKLERS) SHALL BE INSIDE THE BUILDING INSULATION ENVELOPE.
13. ALL REQUIRED DRAINS SHALL FOLLOW NFPA 13 REQUIREMENTS. DRAIN VALVES SHALL BE LOCATED TO PREVENT PUBLIC ACCESS AND SHALL BE PIPED TO DISCHARGE OUTSIDE THE BUILDING.
14. PROVIDE FIRE SPRINKLERS UNDER CANOPIES, STAIRS, AND ROSTRUM ONLY IF REQUIRED BY THE LOCAL FIRE MARSHAL. SPRINKLERS ARE NOT REQUIRED WITHIN CANOPIES THAT ARE FILLED WITH NON-COMBUSTIBLE INSULATION.

A1 LEVEL 02 FIRE SPRINKLER PLAN

1/8" = 1'-0"

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BUILDING PERMIT SUBMISSION

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DATE:	10.10.25

REV	DATE	DESCRIPTION

EQUIPMENT FLOOR FIRE SPRINKLER PLAN

FS102

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FIRE SPRINKLER LEGEND

	UPRIGHT HEAD ON LINE		PRESSURE GAUGE
	CONCEALED PENDENT HEAD	LT	LOW TEMPERATURE SENSOR PROVIDED BY DIVISION 28
	CONCEALED DRY PENDENT HEAD	TS	VALVE TAMPER SWITCH
	SIDE DICHARGE ATTIC HEAD	FS	FLOW SWITCH
	DRY SIDEWALL HEAD RECESSED		FLEXIBLE COUPLING
	DRY SIDEWALL HEAD		SWAY BRACING
	SIDEWALL HEAD RECESSED		ANGLE VALVE
	SIDEWALL HEAD		PIPE SUPPORT
	TYCO MODEL AP ATTIC UPRIGHT HEAD		SPRINKLER PIPING
IT	INSPECTOR'S TEST VALVE		FIRE DEP. CONNECTION
	BALL VALVE 2" & SMALLER BUTTERFLY VALVE 2 1/2" & LARGER		PIPE IN FLOOR STRUCTURE
	PIPE UP / PIPE DOWN		

HEAD COUNT

SPRINKLERS	K-FACTOR	ORIFICE	FINISH	TYPE	CANOPY	DEGREE	QUANTITY
	5.6	1/2"	WHITE	WET PENDENT	CONCEALED	155	
	5.6	1/2"	BRONZE	UPRIGHT	N/A	212	
	5.6	1/2"	WHITE	DRY PENDENT	CONCEALED	155	
	5.6	1/2"	BRONZE	ATTIC SIDEWALL	N/A	212	
	5.6	1/2"	WHITE	DRY SIDEWALL	RECESSED	155	
E				(E=EXTENDED COVERAGE)			
	5.6	1/2"	WHITE	WET SIDEWALL	RECESSED	155	
	5.6	1/2"	BRONZE	WET SIDEWALL	N/A	212	
	5.6	1/2"	BRONZE	DRY SIDEWALL	N/A	212	
	5.6	1/2"	BRONZE	ATTIC AP UPRIGHT		212	

HYDRAULIC DESIGN INFORMATION FOR OFFICE WET SYSTEM

REMOTE AREA = SQUARE FEET

DENSITY = GPM/SQUARE FEET

RISER BASE _____ GPM_____ PSI

HYDRAULIC DESIGN INFORMATION FOR MEZZNAINE WET SYSTEM

REMOTE AREA = SQUARE FEET

DENSITY = GPM/SQUARE FEET

RISER BASE _____ GPM_____ PSI

HYDRAULIC DESIGN INFORMATION FOR ATTIC WET SYSTEM

REMOTE AREA = SQUARE FEET

DENSITY = GPM/SQUARE FEET

RISER BASE _____ GPM_____ PSI

HYDRAULIC DESIGN INFORMATION FOR CHAPEL WET SYSTEM

REMOTE AREA = SQUARE FEET

DENSITY = GPM/SQUARE FEET

RISER BASE _____ GPM_____ PSI

WATER FLOW TEST (1)

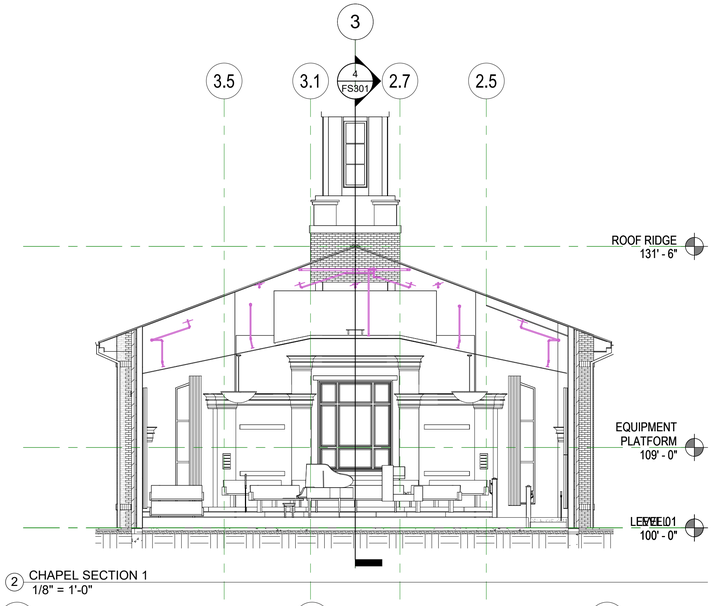
TEST DATE: _____ TEST TIME: _____

STATIC: _____ RESIDUAL: _____

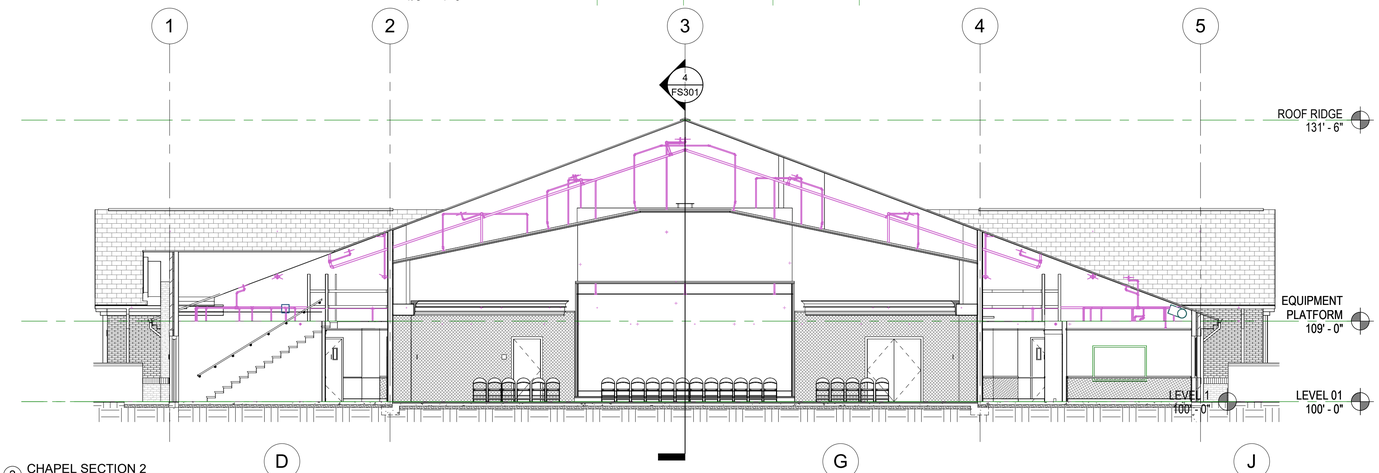
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TEST BY: _____

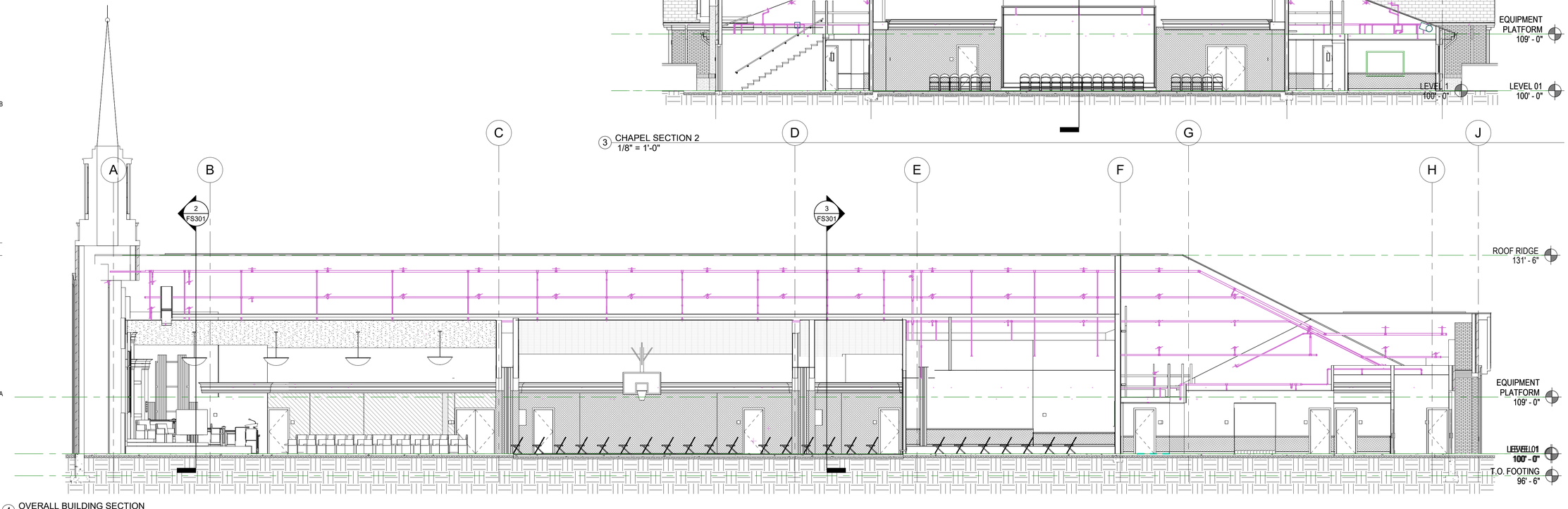
NOTE 1: COMPLETED BY CONSULTANT BEFORE DESIGN AND BID. INFORMATION POSTED HERE.



2 CHAPEL SECTION 1
1/8" = 1'-0"



3 CHAPEL SECTION 2
1/8" = 1'-0"



4 OVERALL BUILDING SECTION
1/8" = 1'-0"

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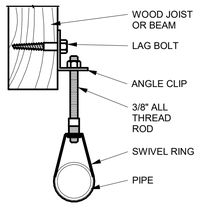
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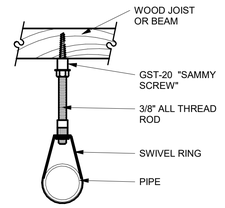
FIRE SPRINKLER SECTIONS

FS301

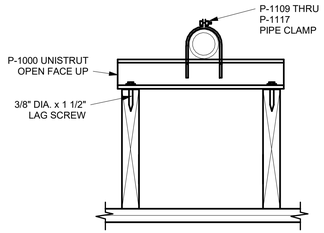
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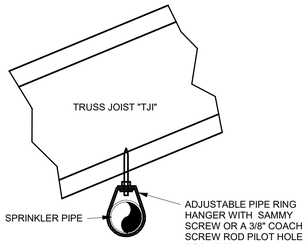
B HANGER DETAIL
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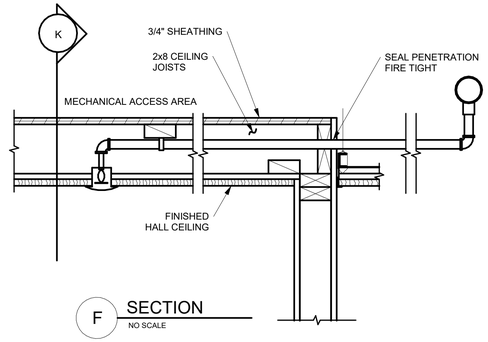
C HANGER DETAIL
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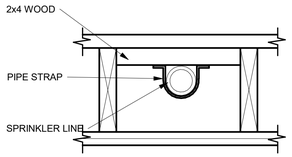
D HANGER DETAIL
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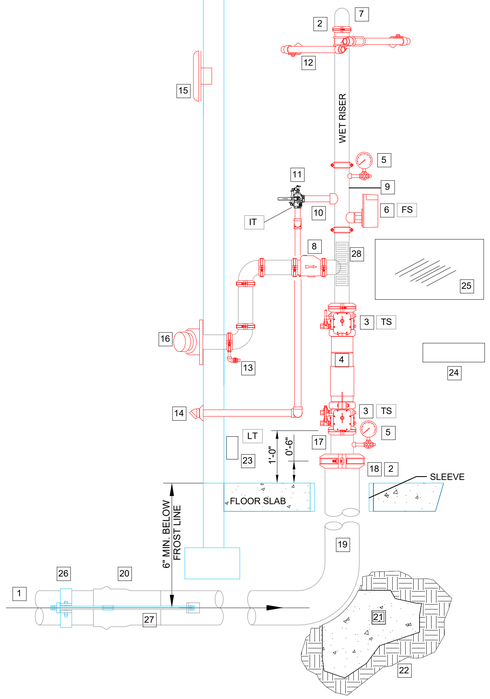
E HANGER DETAIL
NO SCALE



F SECTION
NO SCALE



G SECTION
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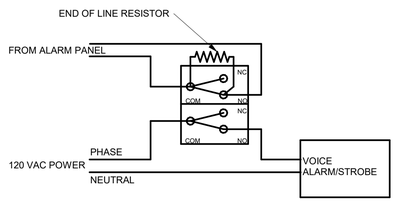
1 RISER SCHEMATIC (W BFP - NO PRV)
1" = 1'-0"

WET RISER DETAIL KEYED NOTES:

1. WATER SUPPLY FROM CITY WATER MAIN. SEE SITE UTILITY PLAN FOR CONTINUATION.
2. FLEXIBLE GROOVED PIPE COUPLING WHEN SEISMIC BRACING IS REQUIRED. SEE NOTE #12.
3. GROOVED BUTTERFLY VALVE WITH INTEGRAL SUPERVISORY SWITCH
4. DOUBLE CHECK BACKFLOW PREVENTER WITH RELATED TRIM AND GAUGES
5. 3/12" DIAMETER WATER GAUGE WITH 1/4" TEST AND ISOLATION VALVE.
6. VANE TYPE WATER FLOW SWITCH
7. SUPPLY TO WET PIPE FIRE SPRINKLER SYSTEM
8. SWING CHECK VALVE
9. RISER MANIFOLD - INCLUDES PRESURE GAUGE, FLOW SWITCH, PRESSURE RELIEF VALVE, AND TEST AND MAIN DRAIN DEVICE.
10. INSPECTOR'S TEST & DRAIN VALVE - PIPE TO OUTSIDE.
11. PRESSURE RELIEF VALVE - REQUIRED - SET AT 175 PSI.
12. SEISMIC BRACING REQUIRED IN SEISMIC DESIGN CATEGORY C, D, E, F. SEE DESIGN CRITERIA SCHEDULE ON SHEET S601.
13. 1/2" AUTOMATIC BALL DRIP VALVE
14. DRAIN PIPING TO OUTSIDE WITH GALVANIZED PIPE, 45 ELL, AND 1-PCE GALV. COLLAR.
15. WEATHERPROOF VOICE ALARM/STROBE (OUTSIDE)
16. OUT TO FIRE DEPARTMENT CONNECTION WITH GALVANIZED SCH 40 PIPING- PROVIDE BALL DRIP WHEN TRAPPING PIPE. SIZE CONNECTION AS REQUIRED.
    16.1. NOTE: PIPE FDC TO REMOTE LOCATION WHEN REQUIRED BY FIRE MARSHAL.
17. GALVANIZED SPOOL PIECE WITH PRESSURE GAUGE.
18. REDUCING GROOVED COUPLING OR CONCENTRIC GROOVED REDUCER.
19. AMES STAINLESS STEEL "IN-BUILDING-RISER" ,NO SUBSTITUTIONS, MINIMUM 6 INCH.
20. TYTON JOINT PIPE CONNECTION WITH GASKET.
21. CONCRETE THRUST BLOCK WITH 8 SQ. FEET HORIZONTAL BEARING AREA (MIN).
22. UNDISTURBED EARTH
23. LOW TEMPERATURE SENSOR - MOUNTED ON WALL - THIS SENSOR IS PROVIDED UNDER DIVISION 28 OF THE SPECIFICATIONS.
24. SPARE HEAD CABINET WITH SPARE SPRINKLER HEADS AND WRENCHES.
25. LAMINATED SYSTEM MAP WITH SYSTEM START-UP AND SHUT-DOWN INSTRUCTIONS.
26. GALVANIZED STEEL PIPE RETAINER CLAMP.
27. GALVANIZED STEEL RODS, SIZE PER NFPA 24, TO INCLUDE WASHERS, ROD COUPLINGS, AND ALL-THREAD RODS WITH DOUBLE HEX NUTS.
28. HYDRAULIC CALCULATION PLACARDS

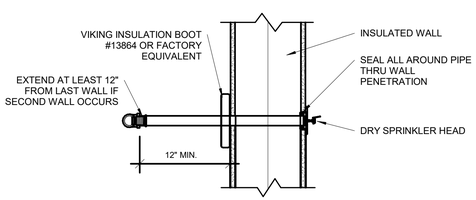
GENERAL NOTES:

1. PROVIDE SLEEVES WHERE PIPING PENETRATES BUILDING AT FLOOR AND WALLS. SEAL AROUND PENETRATION WITH FLEXIBLE MASTIC AT FLOOR. PROVIDE 2" ANNULAR SPACE AROUND PIPE.
2. ALL BURIED STEEL COMPONENTS SHALL BE PROTECTED FROM CORROSION BY THE TAR AND WRAPPED METHOD. GALVANIZED COMPONENTS ARE NOT EXEMPT FROM THIS REQUIREMENT.



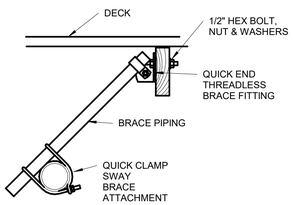
WIRE ALARMS TO CONTACTS THAT ARE NORMALLY OPEN AND THEN CLOSE ON ACTIVATION

H WIRING SCHEMATIC
NO SCALE

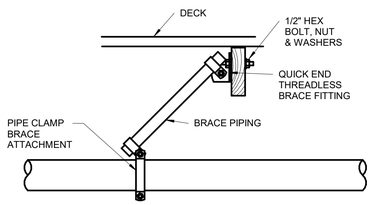


L DRY HEAD DETAIL
NO SCALE

NOTE:
PROVIDE SEISMIC BRACING ONLY IN SEISMICALLY ACTIVE AREAS. BRACING SHALL CONFORM TO THE REQUIREMENTS OF NFPA 13 AND ALL STATE AND LOCAL CODES.



J LATERAL SEISMIC BRACE
NO SCALE



K LONGITUDINAL SEISMIC BRACE
NO SCALE

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LICENSED PROFESSIONAL ENGINEER
No. 265949-2202
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10/22/2025
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029
2107 E HERITAGE DR, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.10.25

REV	DATE	DESCRIPTION

FIRE SPRINKLER DETAILS

FS501

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GENERAL SHEET NOTES

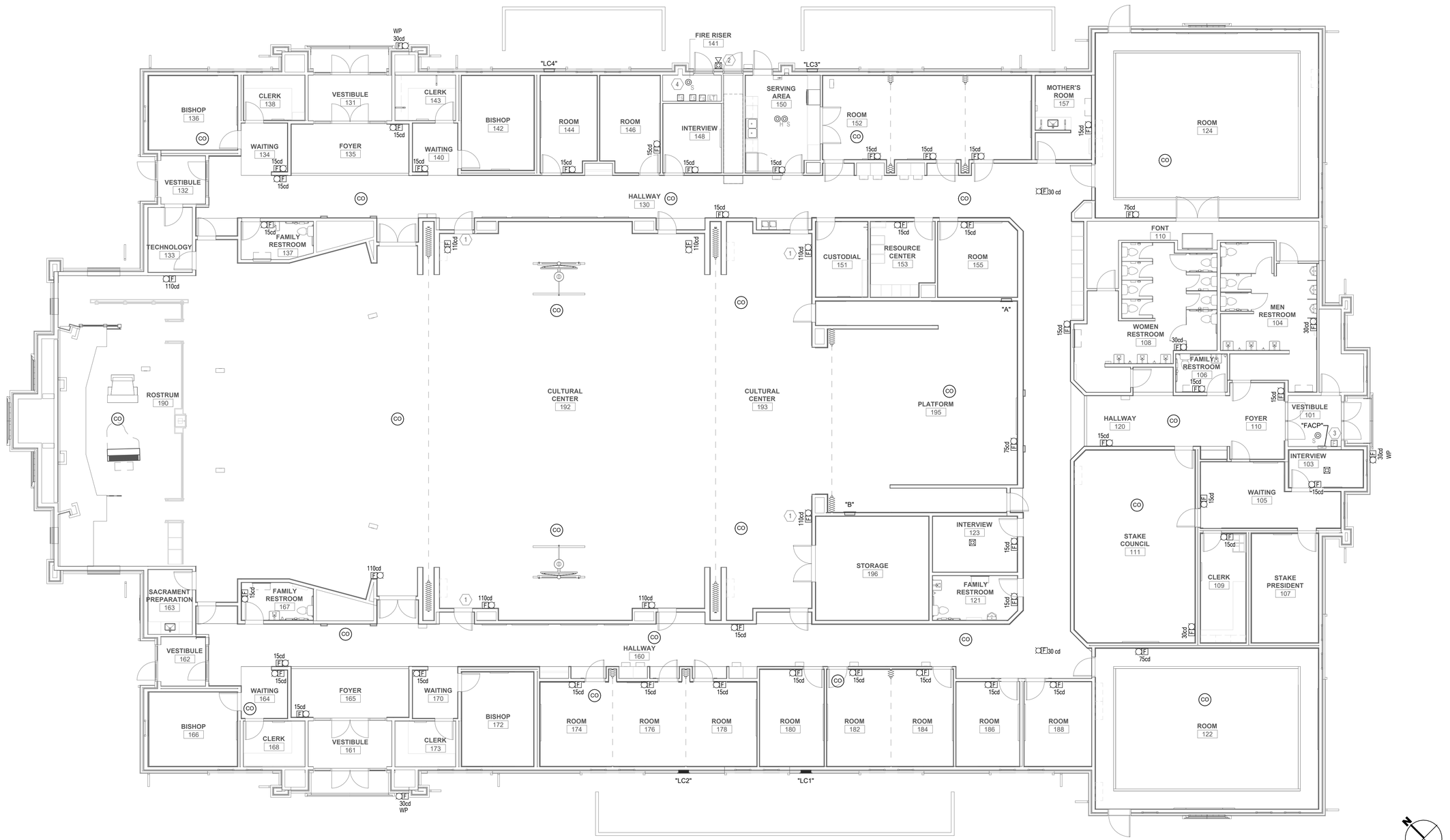
1. SEE SHEET FA601 FOR FIRE ALARM DIAGRAMS AND SYMBOLS.
2. WIRING FROM DIFFERENT ANNUNCIATION AND INITIATING DEVICES LOOPS MY BE COMBINED IN A COMMON CONDUIT. FOLLOW NEC REQUIREMENTS FOR FILL.
3. COORDINATE FIRE ALARM DEVICES WITH LIGHTING FIXTURES, SPEAKERS, GRILLS, ETC.
4. DO NOT INSTALL SMOKE DETECTORS WITHIN 3' OF ANY MECHANICAL GRILL.
5. NON-POWER LIMITED AND POWER LIMITED WIRING SHALL BE SEPARATED IN FACP.
6. PERMANENTLY IDENTIFY LOCATION OF CIRCUIT BREAKER FEEDING FACP AND PROVIDE RED MARKING ON CIRCUIT BREAKER.
7. ALL FIRE ALARM CABLE THAT IS SUBJECT TO DAMAGE SHALL BE INSTALLED IN CONDUIT (ATTIC, EQUIPMENT PLATFORM, ABOVE SUSPENDED CEILINGS, ETC.

GENERAL SHEET NOTES

8. WHERE FIRE ALARM IS NOT RUN IN CONDUIT (SEE NOTE #4), CABLING SHALL BE RUN PERPENDICULAR AND PARALLEL TO SURFACES OF STRUCTURE MEMBERS, AND FOLLOW SURFACE CONTOURS WHERE POSSIBLE.
9. DO NOT CONNECT, MOUNT OR SUPPORT ANY FIRE ALARM CABLING FROM DATA/COMM MOUNTING OR WIRE MANAGEMENT.

SHEET KEYNOTES

1. PROVIDE PROTECTIVE WIRE GUARD ON DEVICES NOTED.
2. PROVIDE CONNECTION FOR FIRE SPRINKLER SYSTEM EXTERNAL BELL/HORN STROBE.
3. PROVIDE FLUSH MOUNT PULL STATION.
4. PROVIDE OUTPUT RELAY AND WIRING TO SHUNT TRIP KITCHEN OVEN/RANGE CIRCUIT BREAKER UPON ACTIVATION OF SMOKE DETECTOR. PROVIDE SUPERVISORY NOTIFICATION IF SMOKE IS ACTIVATED. HEAT DETECTOR TO PROVIDE ALARM.



A1 FIRE ALARM PLAN - LEVEL 01

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

0 4' 8' 16'

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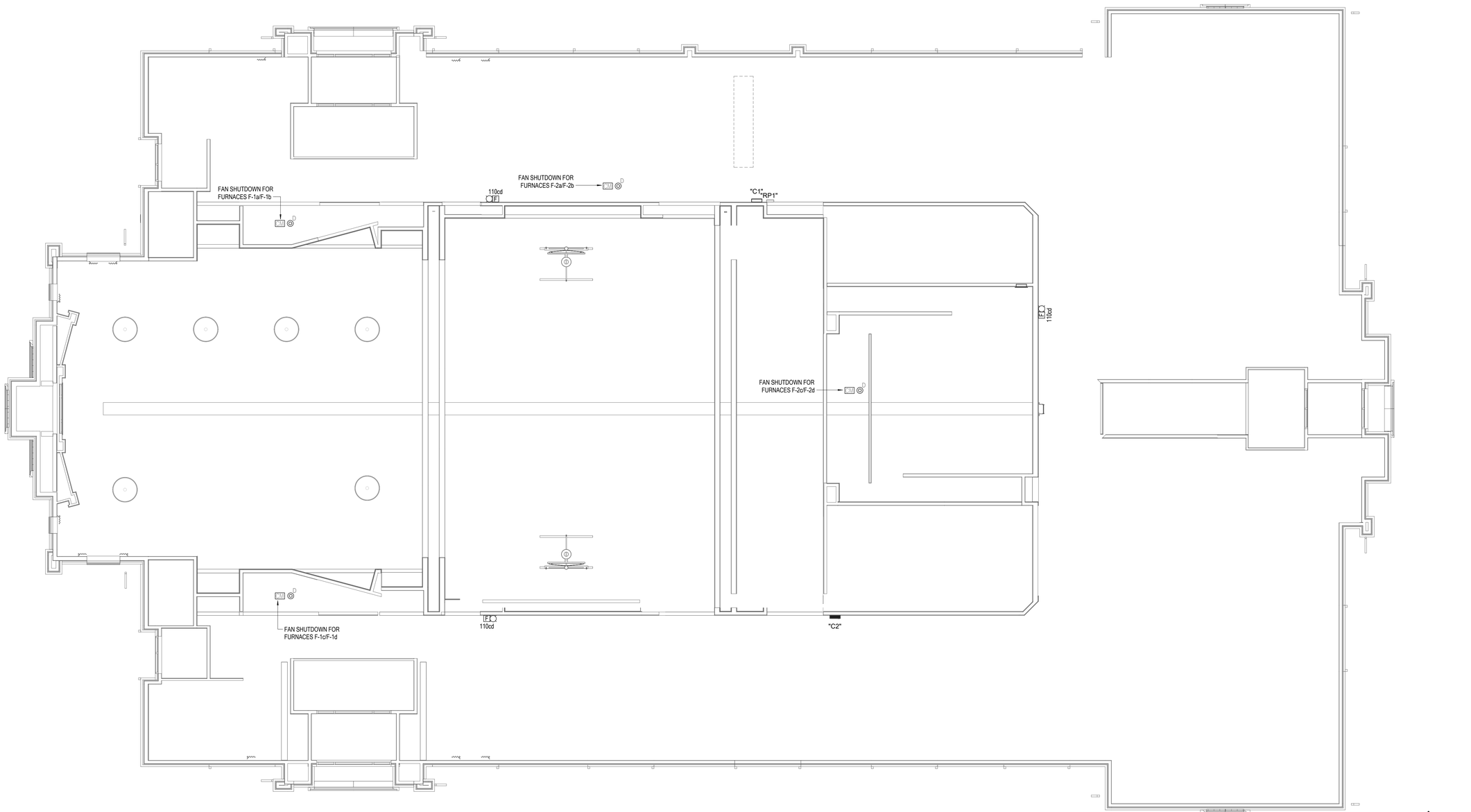
REV	DATE	DESCRIPTION

FIRE ALARM PLAN - LEVEL 01

FA110

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A1 FIRE ALARM PLAN - EQUIPMENT PLATFORM

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

0 4' 8' 16'

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DATE: 10.10.2025

REV	DATE	DESCRIPTION

FIRE ALARM PLAN - EQUIPMENT PLATFORM

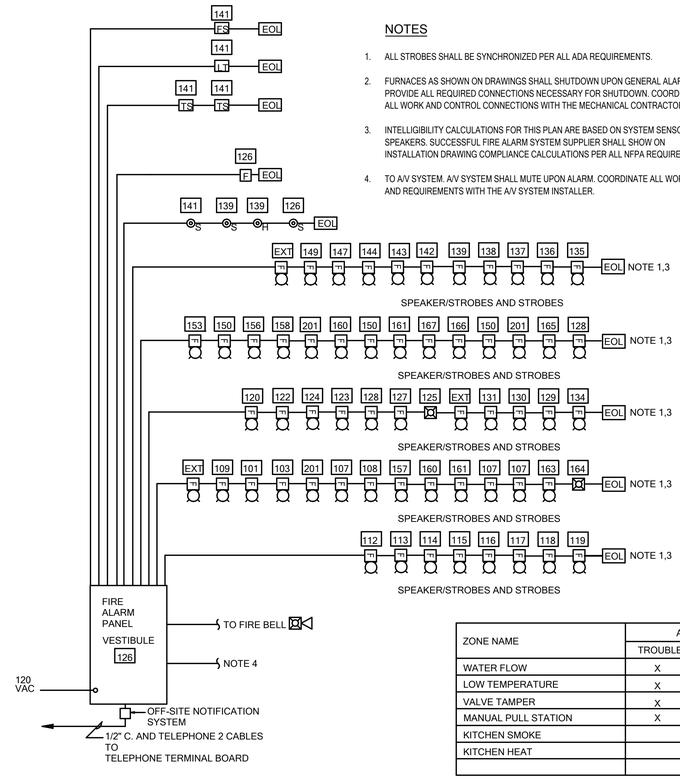
FA120

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FIRE DETECTION SYMBOLS

FACP	FIRE ALARM CONTROL PANEL
F	MANUAL STATION
S	HEAT DETECTOR
F	SPEAKER/STROBE WITH 15cd STROBE (HIGHER OUTPUT STROBES AS NOTED ON DRAWINGS) AUDIBLE VOICE ALARM ANNUNCIATION: ALARM SIGNAL SHALL BE ANNUNCIATED BY AUDIBLE VOICE EVACUATION MESSAGE. MESSAGE SHALL BE DIGITALLY RECORDED WITH MESSAGE CONTENT MEETING REQUIREMENTS OF THE NFPA AND LOCAL AUTHORITY. MESSAGE SHALL BE FIELD PROGRAMMABLE AND RETAINED IN MEMORY IF POWER IS INTERRUPTED.
	SPEAKER ONLY
	WEATHERPROOF HORN/STROBE WITH 15cd STROBE (HIGHER OUTPUT STROBES AS NOTED ON DRAWINGS)
	15cd STROBE ONLY
H	HORN/STROBE
EOL	END OF LINE WIRING DEVICE
FS	WATER FLOW SWITCH
TS	VALVE TAMPER SWITCH
LT	LOW TEMPERATURE SENSOR
D	DUCT SMOKE DETECTOR (BY DIV 23). (COORDINATE CONNECTIONS WITH THE MECHANICAL CONTRACTOR)
WP	DEVICE DESIGNED FOR OUTDOOR USE



NOTES

1. ALL STROBES SHALL BE SYNCHRONIZED PER ALL ADA REQUIREMENTS.
2. FURNACES AS SHOWN ON DRAWINGS SHALL SHUTDOWN UPON GENERAL ALARM. PROVIDE ALL REQUIRED CONNECTIONS NECESSARY FOR SHUTDOWN. COORDINATE ALL WORK AND CONTROL CONNECTIONS WITH THE MECHANICAL CONTRACTOR.
3. INTELLIGIBILITY CALCULATIONS FOR THIS PLAN ARE BASED ON SYSTEM SENSOR #SPV SPEAKERS. SUCCESSFUL FIRE ALARM SYSTEM SUPPLIER SHALL SHOW ON INSTALLATION DRAWING COMPLIANCE CALCULATIONS PER ALL NFPA REQUIREMENTS.
4. TO A/V SYSTEM. A/V SYSTEM SHALL MUTE UPON ALARM. COORDINATE ALL WORK AND REQUIREMENTS WITH THE A/V SYSTEM INSTALLER.

ZONE NAME	ALARM TYPE			
	TROUBLE	SUPERVISED	ALARM	SHUNT TRIP
WATER FLOW	X		X	
LOW TEMPERATURE	X	X		
VALVE TAMPER	X	X		
MANUAL PULL STATION	X		X	
KITCHEN SMOKE		X		X
KITCHEN HEAT			X	

A3 FIRE ALARM DIAGRAM
SCALE: NO SCALE

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DATE: 10.10.2025

REV	DATE	DESCRIPTION

FIRE ALARM DIAGRAM

FA601

SHEET KEYNOTES

1 MOUNT JUNCTION BOXES HORIZONTALLY AND CENTERED IN HARDWOOD BASE ON FRONT OF ROSTRUM.

2 PROVIDE (2) 3-GANG BOXES, MOUNTED IN THE MILLWORK ON THE SIDE OF THE PULPIT. SEE DETAIL 8/TA501 FOR MOUNTING OF 'CP1', 'CP2' AND OTHER DEVICES IN PULPIT SIDE.

3 SEE ARCHITECTURAL ROSTRUM MILLWORK DETAILS FOR ROUGH-IN AND MOUNTING OF PULPIT MICROPHONE.

4 INSTALL JUNCTION BOX ON VERTICAL FACE OF RISER.

5 LOOP EXTRA CABLES THROUGH JUNCTION BOXES. DO NOT CUT.

6 ORGAN INPUT. LEAVE 5'-0" PIGTAIL IN ORGAN CABLE RECESS ON ROSTRUM. COIL 10'-0" OF CABLE IN RACK AND LABEL.

7 SEE SHEET TT602 FOR CABLE TO 'CP', 'CC', 'BT' AND 'CP1'. INSTALL CONDUITS PER GENERAL NOTE #1, SHEET ET101.

8 TO PULPIT MOTOR CONTROL.

9 PROVIDE 6 EACH, 2" AND 1 EACH, 1.5" CONDUITS STUBBED TO BOTTOM SECTION OF ORGAN CHAMBER.

10 MOUNT NEXT TO POWER OUTLET.

11 MOUNT 'HDMI' AND DATA OUTLET IN FLOOR BOX. PROVIDE 1.25" CONDUIT FROM FLOOR BOX TO RECESSED J-BOX BEHIND 'MON'.

12 INSTALL POWER, DATA JACK AND 'HBR2' (IF REQUIRED) IN LARGE J-BOX BEHIND 'MON'. SECURE AND NEATLY DRESS CABLES SO MOUNT MAY FULLY ARTICULATE WITHOUT DAMAGING CABLING.

13 1.25" CONDUIT.

14 PHONE CONNECTION TO FIRE ALARM PANEL.

15 FIRE ALARM SOUND SYSTEM MUTE CONNECTION.

16 PROVIDE GROUNDING COMPONENTS AS SHOWN ON DETAIL 2/ET602.

17 INSTALL 4 EACH, 2.5" CONDUITS TO MECHANICAL PLATFORM WALKWAY. CONDUIT STUBS TO BE 4" ABOVE PLATFORM FLOOR NEXT TO WALL.

18 INSTALL DATA JACK ADJACENT TO POWER OUTLET FOR PRINTER.

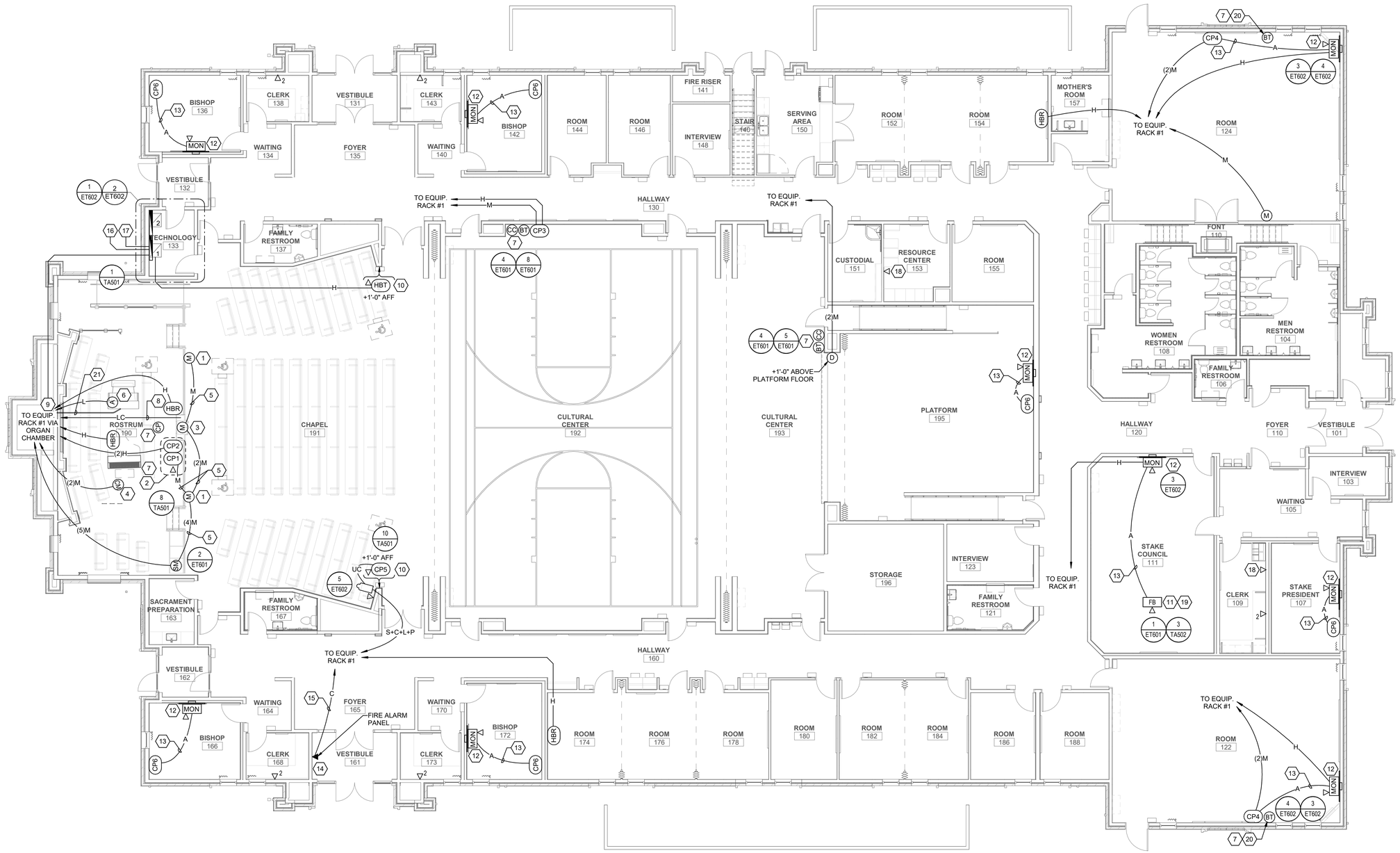
19 INSTALL FLOOR BOX TO BE UNDER COUNCIL TABLE. COORDINATE EXACT LOCATION WITH ARCHITECT.

20 ENSURE THE JUNCTION BOX FOR AUDIO CONNECTION IS NOT BEHIND DISPLAY BOARD.

21 PROVIDE 2 EACH, 1.25" CONDUITS WITH PULL STRING FROM ORGAN LOCATION TO ORGAN CHAMBER FOR ORGAN SPEAKER CABLES. CABLES TO BE INSTALLED BY ORGAN SUPPLIER.

GENERAL SHEET NOTES

1. EACH VOICE AND DATA OUTLET SHALL HAVE A MINIMUM 1" CONDUIT FROM OUTLET TO EQUIPMENT RACK #2 OR EQUIPMENT PLATFORM WALKWAY. INSTALLER IS TO BE FAMILIAR WITH, AND COMPLY WITH THE ANSI/TIA/EIA/569-C STANDARDS. CONDUIT SHALL HAVE A TOTAL DISTANCE OF NO MORE THAN 230'-0". IF TOTAL BENDS ARE MORE THAN 180 DEGREES, INCREASE CONDUIT SIZE ONE TRADE SIZE FOR EVERY ADDITIONAL 90 DEGREES. TYPICAL OF ALL LOCATIONS.
2. INSTALL EACH CABLE TYPE IN A SEPARATE CONDUIT.



A1 MAIN FLOOR AV FLOOR PLAN
SCALE: 1/8" = 1'-0"

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3/3/26
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660

BUILDING PERMIT SUBMISSION

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	10.15.2025

REV	DATE	DESCRIPTION

MAIN FLOOR AV FLOOR PLAN

ET101

SHEET KEYNOTES

1 MOUNT DATA OUTLET FLUSH IN CEILING COORDINATE WITH DIVISION 27 1501 INSTALLER (TYPICAL).

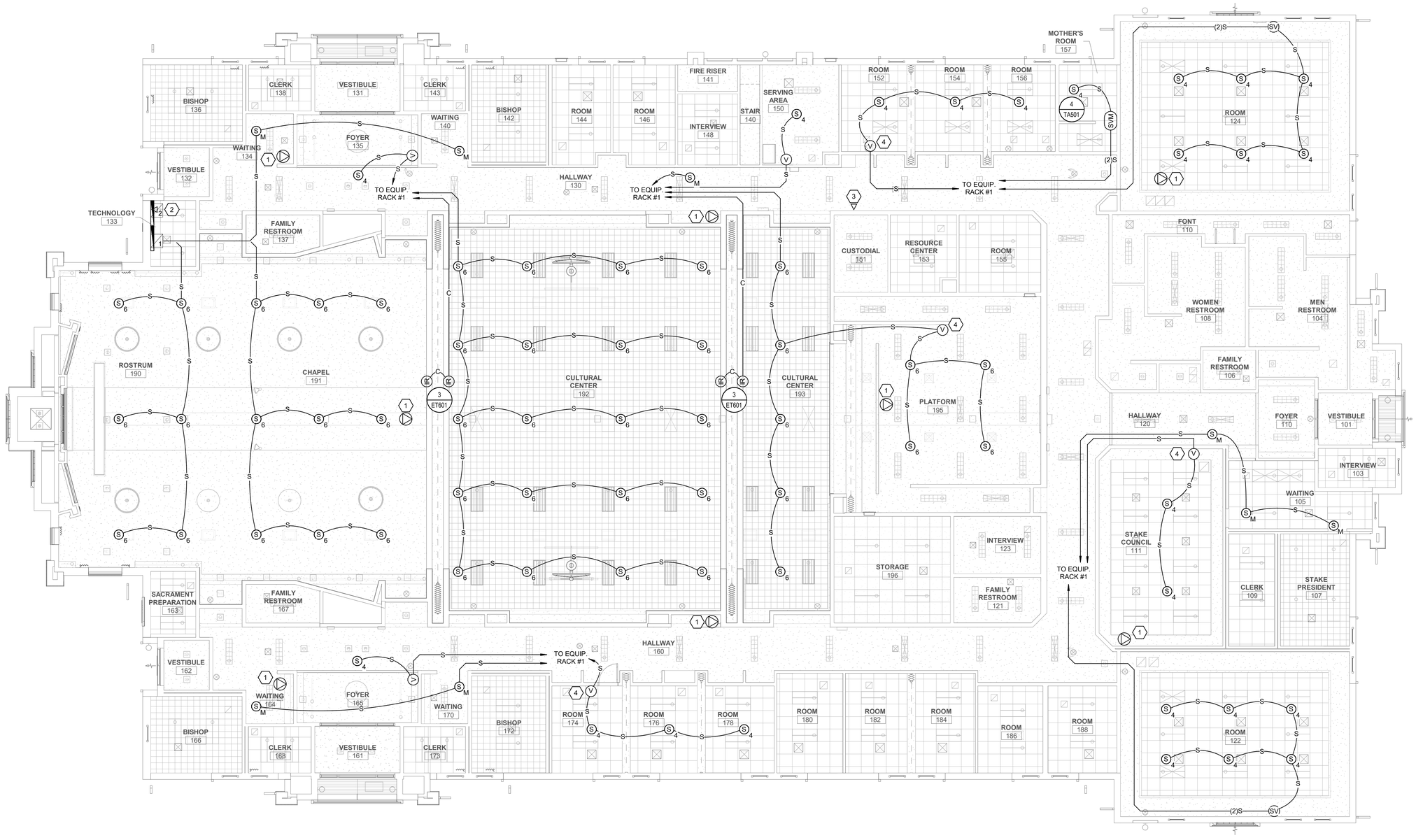
2 MOUNT DATA OUTLET IN EQUIPMENT MEZZANINE ABOVE, NEXT TO MECHANICAL SYSTEM WEB INTERFACE. COORDINATE EXACT LOCATION WITH MECHANICAL INSTALLER.

3 MOUNT DATA OUTLET IN EQUIPMENT MEZZANINE ABOVE, NEXT TO LIGHTING CONTROLS. COORDINATE EXACT LOCATION WITH LIGHTING INSTALLER.

4 ENSURE THE JUNCTION BOX FOR AUDIO CONTROL IS NOT BEHIND DISPLAY BOARD.

GENERAL SHEET NOTES

1. MOUNT ALL LOUDSPEAKER BACKBOXES ON TILE BRIDGES IN SUSPENDED TILE CEILINGS. SECURE ALL BACKBOXES WITH SEISMIC RESTRAINT CABLE ACCORDING TO 4/ET601.



A1 MAIN FLOOR AV CEILING PLAN
SCALE: 1/8" = 1'-0"

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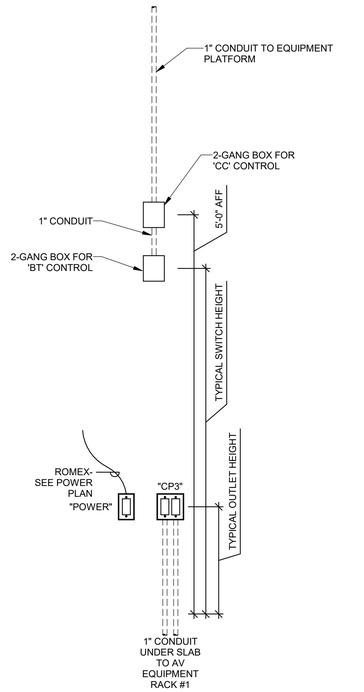
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JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	06.05.2025

REV	DATE	DESCRIPTION

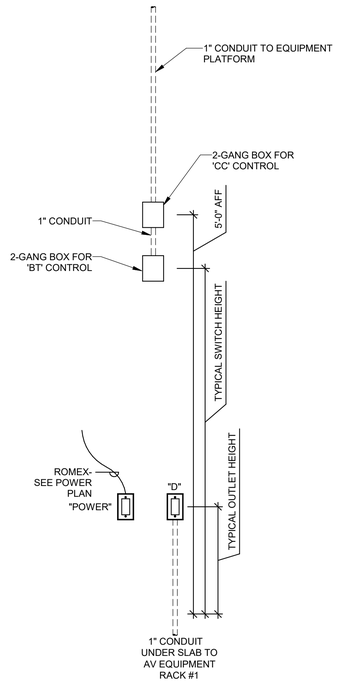
MAIN FLOOR AV CEILING PLAN

ET102



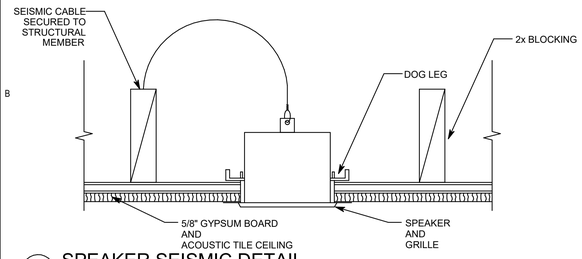
CULTURAL CENTER 192 AV DEVICE MOUNTING DETAIL

8 NO SCALE



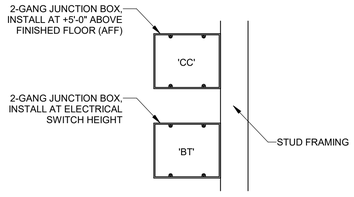
CULTURAL CENTER 193 AV DEVICE MOUNTING DETAIL

5 NO SCALE



SPEAKER SEISMIC DETAIL

7 NO SCALE



CULTURAL CENTER CONTROLS JUNCTION BOX DETAIL

4 NO SCALE

BT CC

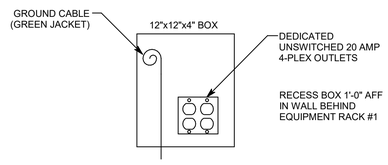
ELECTRICAL SYSTEM EQUIPMENT LIST

SYM	DESCRIPTION	QTY	NOTES
M D CP5	2-1/8" DEEP, SINGLE GANG BOX W/ 5/8" PLASTER RING MOUNTED AT ELECTRICAL OUTLET HEIGHT, OR AS NOTED	OFP	
CP1 CP2	2-1/8" DEEP, TRIPLE GANG BOX, MOUNTED ON PULPIT SIDE	OFP	SEE DETAIL 8/TA501 COORDINATE WITH MILLWORK DETAILS ON ARCHITECTURAL SHEETS
CP3 CP4 CP6	3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP DOUBLE GANG PLASTER RING MOUNTED AT ELECTRICAL OUTLET HEIGHT	OFP	SEE DETAILS 4/ET602, 3, 7, & 9/TA501
HBR HBT	3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP SINGLE GANG PLASTER RING MOUNTED AT ELECTRICAL OUTLET HEIGHT, OR AS NOTED	OFP	
V	3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, SINGLE GANG PLASTER RING MOUNTED AT ELECTRICAL SWITCH HEIGHT	OFP	
	2-1/8" DEEP, SINGLE GANG BOX W/ 5/8" SINGLE GANG PLASTER RING, FLUSH MOUNTED IN CEILING	OFP	
▽ ▽2	2-1/8" DEEP, DOUBLE GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT W/ 5/8" SINGLE GANG PLASTER RING	OFP	
▼	2-1/8" DEEP, DOUBLE GANG BOX MOUNTED AT FIRE ALARM PANEL W/ 5/8" DEEP SINGLE GANG PLASTER RING, OR AS NOTED	OFP	COORDINATE EXACT LOCATION WITH FIRE ALARM INSTALLER
BT SV SVM	3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, DOUBLE GANG PLASTER RING MOUNTED AT ELECTRICAL SWITCH HEIGHT	OFP	SEE DETAILS 4 & 5/TA501 AND 5/TA502
CC	3-1/2" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, SINGLE GANG PLASTER RING MOUNTED AT 5'-0" ABOVE FINISHED FLOOR	1	SEE DETAILS 4, 5 & 8/ET601
SM	2-1/8" DEEP, SINGLE GANG BOX SURFACE MOUNTED	1	SEE DETAIL 2/ET601 COORDINATE WITH MILLWORK DETAILS ON ARCHITECTURAL SHEETS
CM	2-1/8" DEEP, SINGLE GANG BOX MOUNTED IN VERTICAL FACE OF RISER	OFP	SEE DETAIL 6/TA501
CP	CONTROL PEDESTAL, STUB CONDUITS THROUGH FLOOR	1	COORDINATE WITH MILLWORK DETAILS ON ARCHITECTURAL SHEETS
A	2-1/8" DEEP, SINGLE GANG BOX MOUNTED IN RECESS FOR ORGAN CONSOLE	1	
H	CAMERA JUNCTION BOX 3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, DOUBLE GANG PLASTER RING MOUNTED AT 90° AFF	OFP	SEE DETAIL 5/ET602
FB	FLOOR BOX, MIN. 4" STEEL, WITH ACCESSORIES REQUIRED TO INSTALL ON-GRADE ARCHITECT TO CHOOSE COLOR AND TYPE OF COVER	1	WIREMOLD RFB-9-OG FSR FL-500P-4-B / FL-ROO-X / FL-GRD4 SEE DETAILS 1/ET601 AND 3/TA502
MON	LARGE CAPACITY JUNCTION BOX, INCLUDING FLANGE KIT AND COVER, MOUNTED IN WALL AT 12" BELOW FINISHED CEILING	OFP	CHIEF PAC 525FCW, SEE DETAILS 3 & 4/ET602
/1	AV EQUIPMENT CABINET W/ 12"x12"x4" METAL JUNCTION BOX RECESSED IN WALL	OFP	AV EQUIPMENT CABINET FURNISHED AND INSTALLED BY AV INSTALLER, SEE DETAILS 6/ET601, 1 & 2/ET602, AND 1/TA501
/2	DATA EQUIPMENT RACK, SWING FRAME	OFP	FURNISHED AND INSTALLED BY DIVISION 27, SEE DETAILS 2/ET602 AND 4/TT602
IR	2-1/8" DEEP, DOUBLE GANG BOX MOUNTED IN DOOR HEADER	OFP	SEE DETAIL 3/ET601
S4	SPEAKER MOUNTING RING	OFP	FURNISHED BY DIVISION 27, INSTALLED BY DIVISION 26 SEE DETAIL 7/ET601
SM	SPEAKER ENCLOSURE	OFP	FURNISHED BY DIVISION 27, INSTALLED BY DIVISION 26 SEE DETAIL 7/ET601
S6	SPEAKER MOUNTING RING	OFP	FURNISHED BY DIVISION 27, INSTALLED BY DIVISION 26 SEE DETAIL 7/ET601
	WALL FIELD, PRE-TREATED PAINTED 0.75" PLYWOOD	OFP	FURNISHED AND INSTALLED BY DIVISION 26. SEE DETAILS 1 & 2/ET602

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS
A/R = AS REQUIRED, OFP = OBTAIN FROM PLANS, OFE=OWNER FURNISHED EQUIPMENT

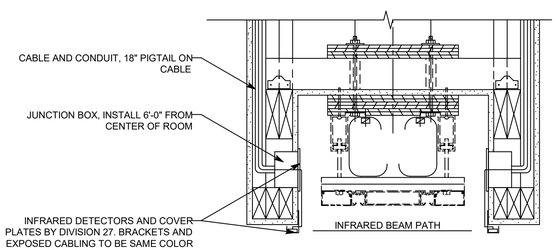
GENERAL PROJECT NOTES

1. NO CHANGES SHALL BE MADE WITHOUT THE PROJECT AV/STRUCTURED CABLING CONSULTANT'S WRITTEN CONSENT.
2. REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT LIST.
3. PROVIDE CONDUIT FOR ALL LOW VOLTAGE CABLES SHOWN ON ET SHEETS AS FOLLOWS:
   - 3.1. PROVIDE CONDUIT FOR H, C, D, A, AND S CABLES FROM DEVICE TO MECHANICAL EQUIPMENT PLATFORM ABOVE TECHNOLOGY ROOM 105. CABLES MAY THEN RUN EXPOSED AND STUB DOWN TO LADDER RACK. PROTECT EXPOSED CABLING ACCORDING TO DIVISION 27. ALLOW NO OTHER CABLE TO ATTACH TO TECHNOLOGY CABLES.
   - 3.2. PROVIDE CONDUIT FOR ALL ROSTRUM DEVICES TO ORGAN CHAMBER AND UNDER SLAB CONDUIT FROM ORGAN CHAMBER TO EQUIPMENT RACKS.
   - 3.3. PROVIDE CONDUIT UNDER SLAB FOR ALL "M", AND "L" CABLES FROM DEVICE TO TECHNOLOGY ROOM EQUIPMENT RACK.
   - 3.4. ALL CABLING IN WALLS SHALL BE IN CONDUIT.
   - 3.5. SIZE CONDUIT AS NOTED OR ACCORDING TO CODE WHICHEVER IS GREATER, WITH 0.75" MINIMUM.
   - 3.6. INSTALL DIFFERENT CABLE TYPES IN SEPARATE CONDUITS UNLESS NOTED OTHERWISE. SEPARATE CABLE TYPES OUTSIDE OF CONDUIT BY 12" MINIMUM
   - 3.7. ALL CONDUITS WITH OR WITHOUT CABLES SHALL HAVE A PULL STRING.
   - 3.8. LABEL ALL CONDUITS WITH DESTINATION.
   - 3.9. DEBUR ALL CONDUIT STUBS AND FIT WITH PLASTIC BUSHING.
   - 3.10. RACEWAY SHALL BE FURNISHED AND INSTALLED BY DIVISION 26. CABLING IS FURNISHED AND INSTALLED BY DIVISION 27. RACEWAY, CABLING, AND TERMINATIONS SHALL BE ACCORDING TO 27 1501.
4. DIVISION 26 INSTALLER IS TO PROVIDE ALL ROUGH-IN INDICATED FOR DIVISION 27 INSTALLER. ALL ROUGH-IN SHALL COMPLY WITH ANSI/TIA/EIA 569-B STANDARDS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE LIMITATION OF (2) 90° BEND FOR CONDUIT. IT IS THE DIVISION 26 INSTALLERS RESPONSIBILITY TO ENSURE COMPLIANCE WITH STANDARD.
5. REFER TO A400 SERIES SHEETS FOR ADDITIONAL INFORMATION ON ROUGH-IN. SEE "A" SHEETS FOR MOUNTING DETAILS IN MILLWORK.
6. SPEAKER TRIM RINGS ARE FURNISHED BY DIVISION 27 AND INSTALLED BY DIVISION 26.
7. "ET" SHEETS SHOW WORK AND MATERIALS BY DIVISION 26 AND DIVISION 27. SEE SPECIFICATIONS AND DRAWING NOTES FOR RESPONSIBILITY FOR EACH ITEM.
8. PROVIDE GROUNDING AS SHOWN ON DRAWINGS AND IN COMPLIANCE WITH CODE AND ANSI/TIA/EIA 569-B
9. DIVISION 26 SHALL FURNISH AND INSTALL SEISMIC RESTRAINT CABLE TO ALL SPEAKER BACKBOXES. DIVISION 27 SHALL ATTACH SEISMIC RESTRAINT CABLE TO SPEAKERS.



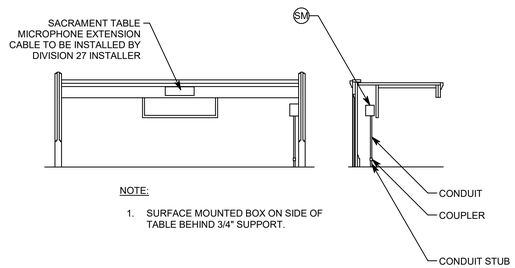
AV POWER JUNCTION BOX

6 NO SCALE /1



HEADER DETAIL (IN CULTURAL CENTER)

3 NO SCALE IR

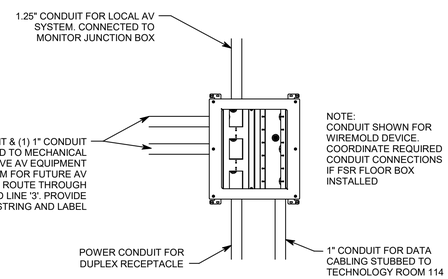


NOTE:

1. SURFACE MOUNTED BOX ON SIDE OF TABLE BEHIND 3/4" SUPPORT.

SACRAMENT TABLE MICROPHONE DETAIL

2 NO SCALE SM



STAKE COUNCIL 111 FLOOR BOX DETAIL

1 NO SCALE FB

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LICENSED PROFESSIONAL ENGINEER No. 5148728 DAVID G. HINCKLEY STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

PROCESS SET

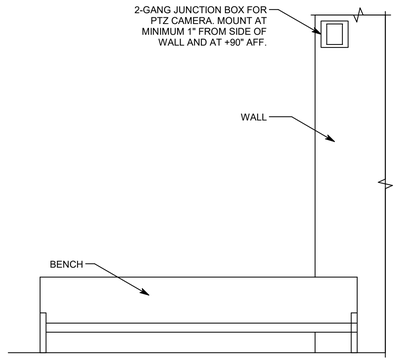
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OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 06.05.2025

REV	DATE	DESCRIPTION

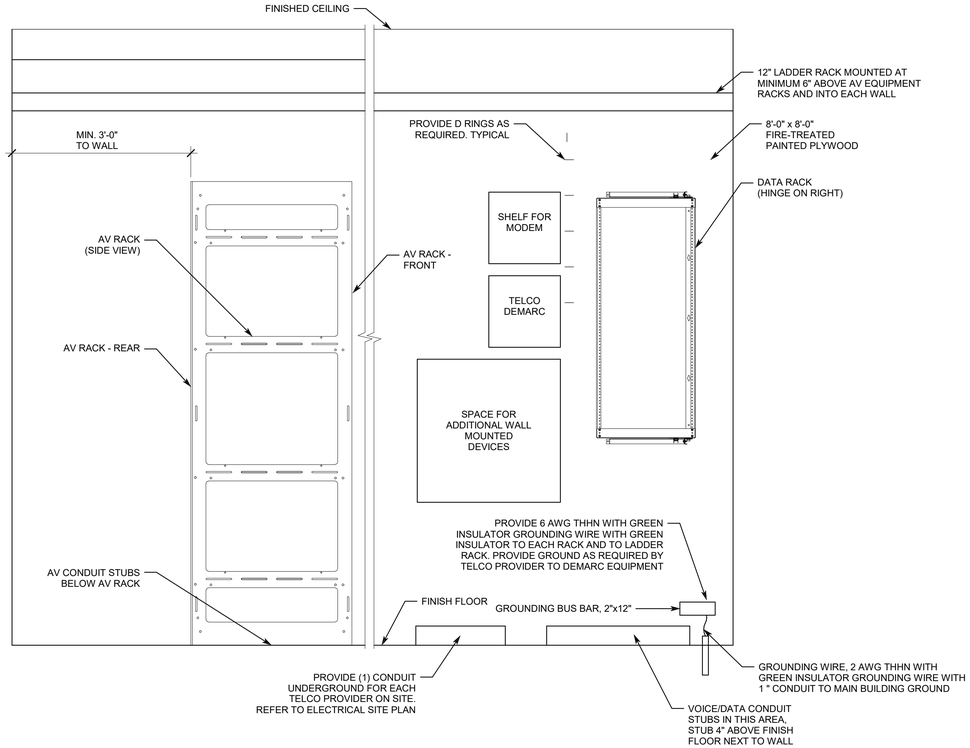
AV ROUGH-IN SCHEDULES, NOTES, DETAILS, AND DIAGRAM

ET601

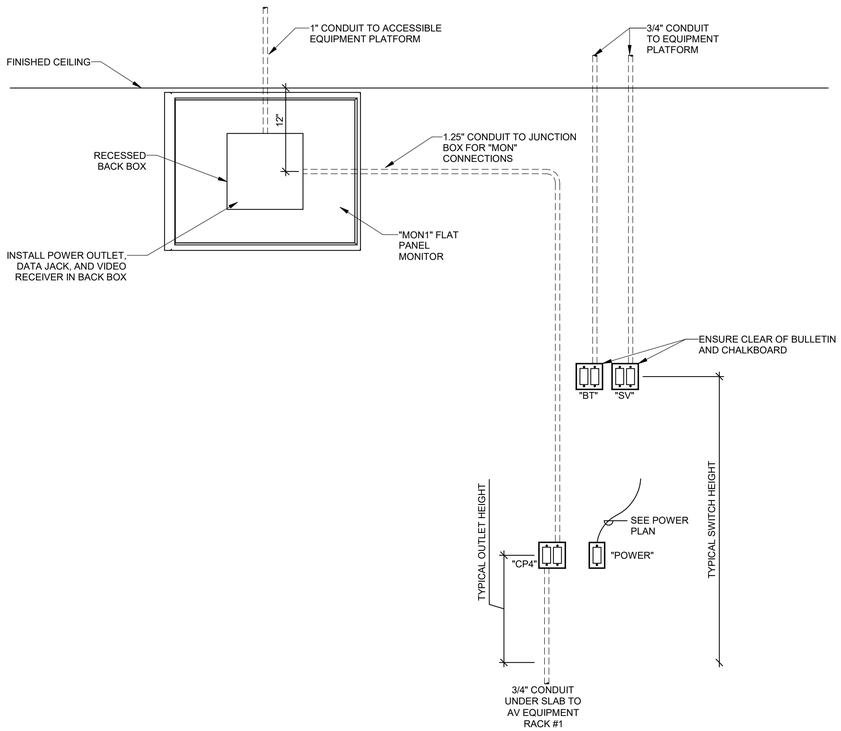
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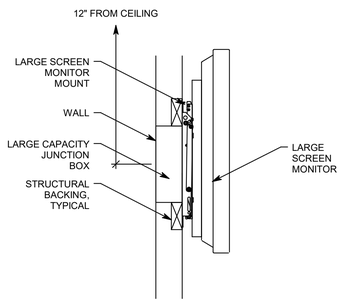
5 CAMERA ENCLOSURE DETAIL
NO SCALE



2 TECH 133 WALL ELEVATION
NO SCALE

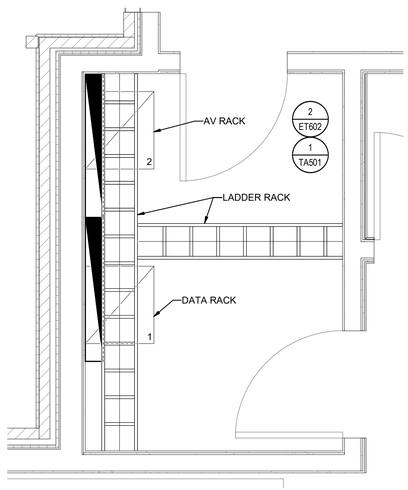


4 ROOMS 122 & 124 WALL ELEVATION DETAIL
NO SCALE



3 WALL MOUNTED FLAT PANEL DETAIL
NO SCALE

MON



1 TECH ROOM 133 DETAIL
NO SCALE

10/10/2025 9:01:55 AM

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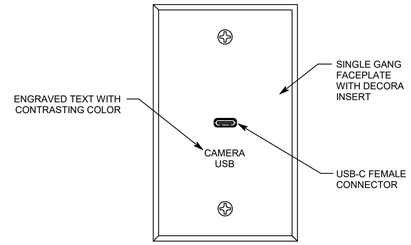
PROCESS SET

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AV ROUGH-IN DETAILS

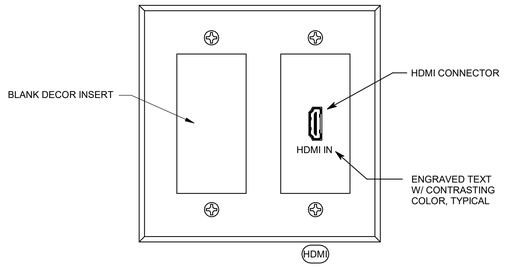
ET602



10 CAMERA USB-C CONNECTION PANEL DETAIL 'CP5'

NO SCALE

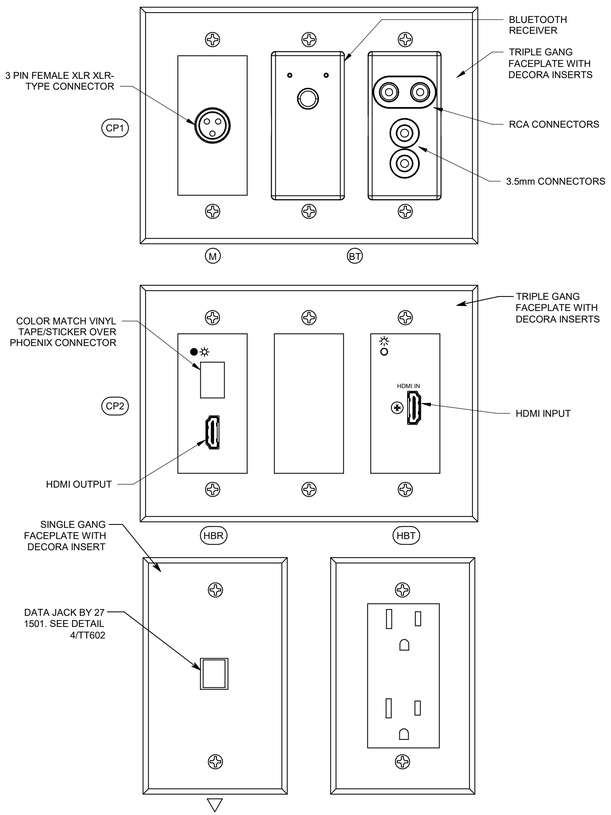
CP5



9 CONNECTION PANEL #6

NO SCALE

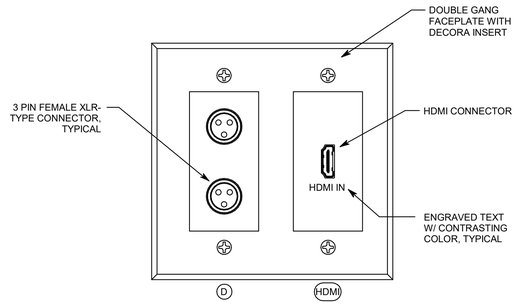
CP6



8 PULPIT CONNECTION DETAILS

NO SCALE

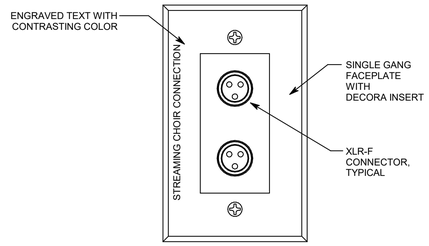
CP1 CP2



7 CONNECTION PANEL #4

NO SCALE

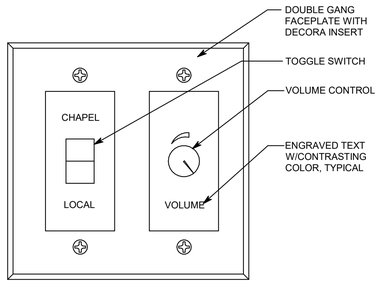
CP4



6 CHOIR MIC CONNECTION PANEL DETAIL 'CM'

NO SCALE

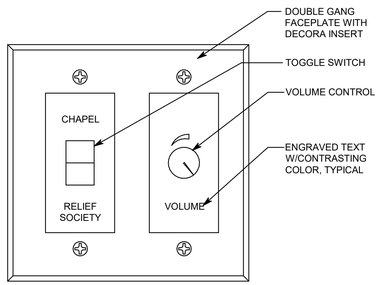
CM



5 VOLUME CONTROL 'SV'

NO SCALE

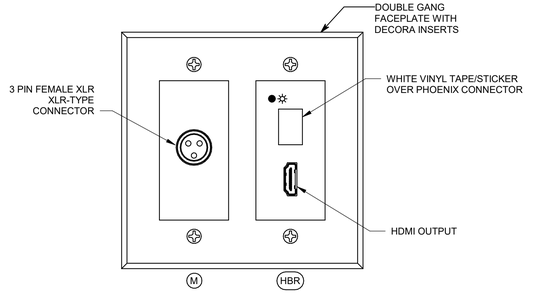
SV



4 MOTHERS ROOM CONTROLLER

NO SCALE

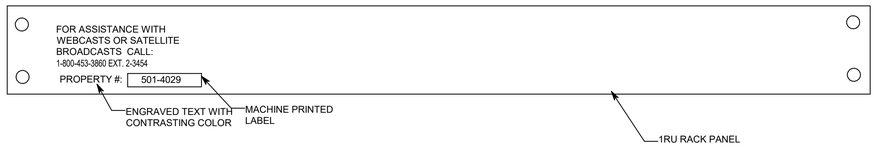
SVM



3 CULTURAL CENTER AV CONNECTION PANEL #3

NO SCALE

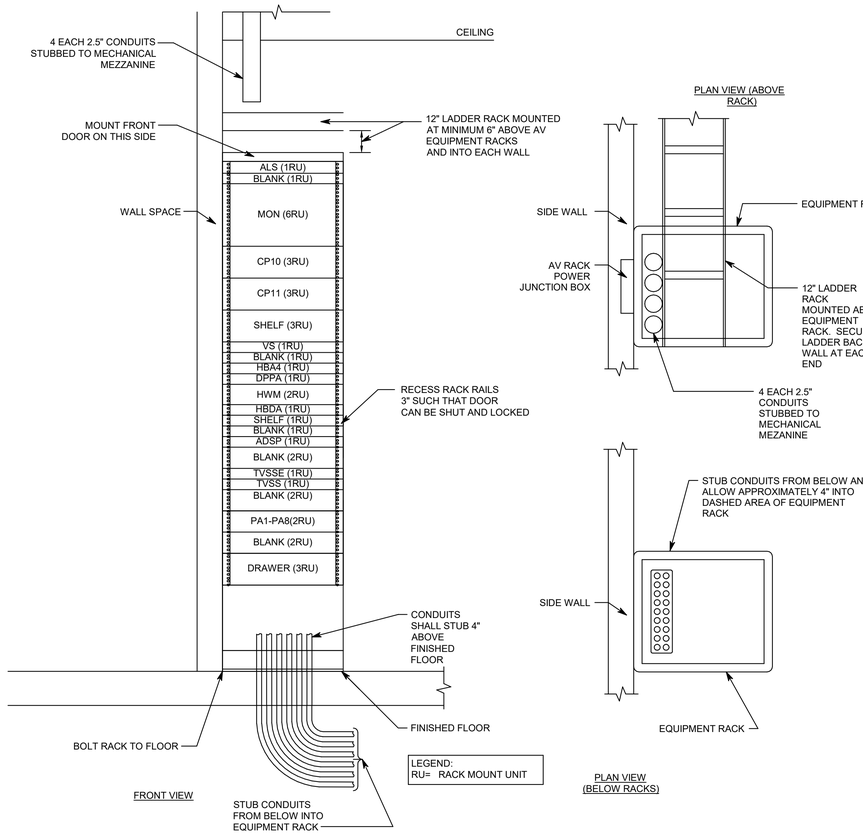
CP3



2 HELP DESK PANEL

NO SCALE

HDP



1 EQUIPMENT RACK ELEVATION AND DETAILS

NO SCALE

1

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PROCESS SET

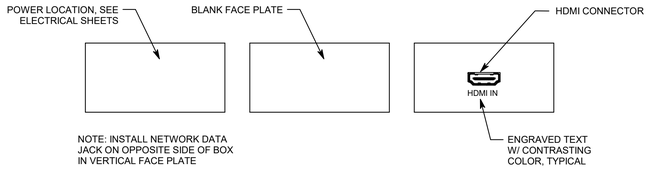
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	06.05.2025

REV	DATE	DESCRIPTION

AV SYSTEMS DETAILS

TA501

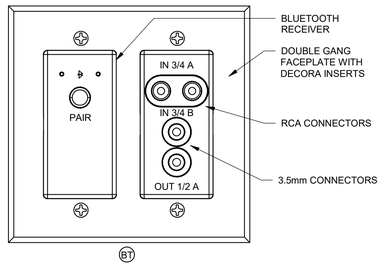
10/10/2025 9:01:57 AM



3 CONNECTION PANEL 'FB'

NO SCALE

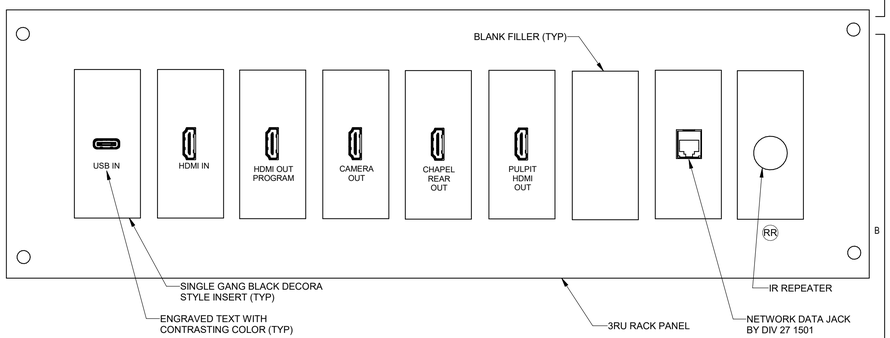
FB



5 BLUETOOTH & LINE LEVEL AUDIO CONECTION 'BT'

NO SCALE

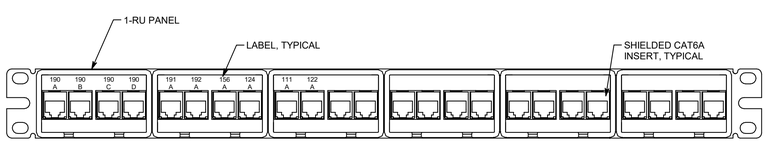
BT



2 CONNECTION PANEL #11

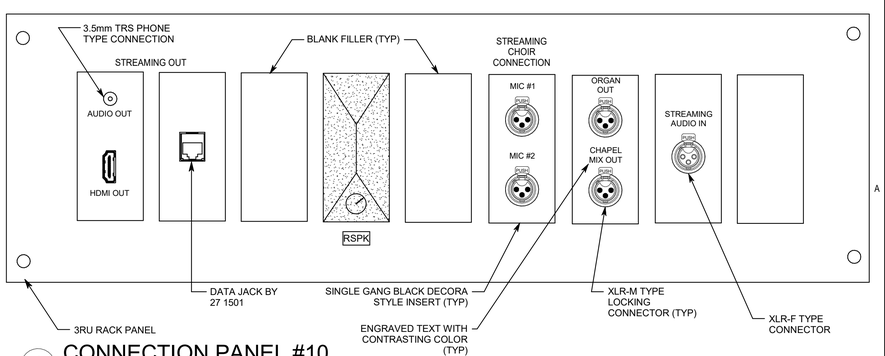
NO SCALE

CP11



4 DPPA PATCH PANEL DETAIL, 24-PORT

NO SCALE



1 CONNECTION PANEL #10

NO SCALE

CP10

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PROCESS SET

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DATE:	06.05.2025

REV	DATE	DESCRIPTION

AV SYSTEMS DETAILS

TA502

10/10/2025 9:01:58 AM

AUDIO-VIDEO SYSTEM EQUIPMENT LIST

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
	12" LADDER RACK W/ WALL AND RACK ATTACHMENTS	A/R	CHATSWORTH 10250-712 MIDDLE ATLANTIC CLB-6
HDA	HDMI DISTRIBUTION AMPLIFIER, 2 PORT SHELF	OFP	EXTRON DA2 HD 4K PLUS
			EXTRON RSB 123
HDA4	HDMI DISTRIBUTION AMPLIFIER, 4 PORT SHELF	OFP	EXTRON DA4 HD 4K PLUS
			EXTRON RSB 123
HBDA	HD BASE T DISTRIBUTION AMPLIFIER, 8 PORT	OFP	EXTRON DTP HD DA8 4K 330
HBR	HD BASE T WALL RECEIVER	OFP	EXTRON DTP R HWP 4K 331 D, WITH SINGLE GANG DECORA SURROUND
HBT	HD BASE T WALL TRANSMITTER	OFP	EXTRON DTP T HWP 4K 331 D, WITH SINGLE GANG DECORA SURROUND
HBR2	HD BASE T RECEIVER, RACK MOUNT	OFP	EXTRON DTP HDMI 4K 330 RX
HBT2	HD BASE T TRANSMITTER, RACK MOUNT	OFP	EXTRON DTP HDMI 4K 330 TX
CP1	MICROPHONE INPUT MODULE	OFP	EMTECH MSC-M RCI LDS002-MF-X (X=COLOR)
	BLUETOOTH RECEIVER AND LINE LEVEL IN/OUT CONNECTION, DANTE	OFP	QSC ATTERO TECH unD6IO-BT RDL DD-BTN44
CP2	HDMI HD BASE T WALL RECEIVER	OFP	EXTRON DTP R HWP 4K 331 D
	HDMI HD BASE T WALL TRANSMITTER	OFP	EXTRON DTP T HWP 4K 331 D
VS	HDMI SWITCHER	OFP	EXTRON IN 1806/IN 1808
S2H	SDI TO HDMI CONVERTER	OFP	DECIMATOR 12G-CROSS
DPPA	HDBaseT PATCH PANEL, SHIELDED CAT6 CONNECTIONS FURNISHED AND INSTALLED BY VIDEO INSTALLER	OFP	SEE DETAIL 4/TA502
CP	CHAPEL CONTROL PEDESTAL PLATE	OFP	QSC TSC-50-G3 W/ 3-GANG 1/16" METAL BLACK ANODIZED MOUNTING PLATE SEE ARCHITECTURAL MILLWORK DETAILS
CC	CULTURAL CENTER REMOTE CONTROL	OFP	QSC TSC-50-G3
	WALL BOX WITH WINDOW	OFP	FSR WB-PSTSC
NS	OWNER STANDARD NETWORK SWITCH.	OFCI	OWNER FURNISHED-INSTALLED BY DIV 271501, SEE DETAIL TT602
SV	SOURCE AND VOLUME REMOTE CONTROL, 50 WATT	OFP	EMTECH MSC-S W/ MSC-V35 RCI EQUIVALENT SEE DETAIL 5/TA501
RM	FLAT SCREEN TV, 19", FRONT PANEL CONTROLS ACCESSIBLE FROM FRONT WITH RACK MOUNT	OFP	TOTEVISION LED 1562 HDR OR APPROVED EQUIVALENT
S4	4" LOUDSPEAKER LOUDSPEAKER GRILLE LOUDSPEAKER ENCLOSURE	OFP	BIAMP DESONO DX-IC4-W W/ SPA-NC300 JBL CONTROL 14C/T W/ MTC-24NC LOWELL ES-42T W/ ES-4-RIB
SM	4" LOUDSPEAKER	OFP	ATLAS SOUND FC104T72 LOWELL JR410-T470 ELECTRO-VOICE 205-4T
	LOUDSPEAKER GRILLE	OFP	ATLAS SOUND T720-4BT LOWELL CN-4M
	LOUDSPEAKER ENCLOSURE	OFP	ATLAS SOUND E410-11
S6	6" LOUDSPEAKER LOUDSPEAKER GRILLE LOUDSPEAKER ENCLOSURE	OFP	BIAMP DESONO DX-IC6-W W/ SPA-NC300 JBL CONTROL 16C/T W/ MTC-26NC LOWELL ES-62T W/ ES-6-RIB
MON	FLAT SCREEN TV, 70" IN MEETING ROOMS, 50" IN OFFICES	OFP	LG OR SAMSUNG SEE GENERAL SHEET NOTE #6
	FLAT PANEL WALL MOUNT	OFP	PEERLESS AV HPF650,
HBR2	HD BASE T RECEIVER, FURNITURE MOUNT	OFP	EXTRON DTP HDMI 4K 330 RX
	ULTRA-SHORT THROW PROJECTOR	OFCI	OWNER FURNISHED
BT	BLUETOOTH RECEIVER AND LINE LEVEL IN/OUT CONNECTION, DANTE	OFP	QSC ATTERO TECH unD6IO-BT RDL DD-BTN44
STR	HDMI TO USB CONVERTER	OFP	RAZER RIPSAW X W/ 6' HDMI PATCH CORD
HAE	HDMI AUDIO EGRESS	1	EXTRON HAE 100 4K PLUS

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
	HIGH IMPACT NYLON COVER PLATES FOR ALL DECORA STYLE AV MODULES, NUMBER OF GANGS AS REQUIRED. COLORS TO MATCH NEARBY ELECTRICAL DEVICES	OFP	HUBBELL OR LEVITON SEE PANEL DETAILS TA501 & TA502
M SM	MICROPHONE INPUT MODULE	OFP	EMTECH MSC-M RCI LDS002-MF-X (X=COLOR) (FOR 'SM', SEE DETAIL 5/ET601
A	ORGAN INPUT, CABLE MOUNTED MICROPHONE CONNECTOR	OFP	SWITCHCRAFT A3FB NEUTRIK NC3FX-BAG
	50'-0" MICROPHONE EXTENSION CABLES W/ BLACK CONNECTORS	1	WHIRLWIND MK450 PRO CO OR C2G EQUIVALENT
	25'-0" MICROPHONE EXTENSION CABLES W/ BLACK CONNECTORS	2	WHIRLWIND MK425 PRO CO OR C2G EQUIVALENT
	MICROPHONE, GENERAL USE	2	AUDIO-TECHNICA ATM610AS AKG D5-S
	MICROPHONE, CHAPEL PULPIT	1	AUDIO-TECHNICA ES905CLA
	MICROPHONE, SACRAMENT TABLE	1	EMTECH BLU-SM
	MICROPHONE,GOOSENECK. INSTALL ON PRIMARY ROOM PULPIT WITH METAL PLATE-MOUNTED FEMALE XLR WIRED TO MALE XLR INSIDE PULPIT IN WIREMOLD BOX.	1	AUDIO TECHNICA U855QL W/ CABLE, JUNCTION BOX, AND RCI LDS0002-RCI-PMJ
	10'-0" MICROPHONE EXTENSION CABLE W/ BLACK CONNECTORS	1	WHIRLWIND MK410 PRO CO OR C2G EQUIVALENT
	15'-0" MICROPHONE EXTENSION CABLE W/ BLACK RIGHT ANGLE MALE CONNECTOR FOR PRIMARY ROOM MICROPHONE	1	WHIRLWIND MK415 PRO CO OR C2G EQUIVALENT
	8'-0" PEDESTRIAN STRIP	1	TECHFLEX DRN 3.00BK
	MICROPHONE STAND, FLOOR TYPE	2	ATLAS SOUND MS-20E W/PB21 XEB KONIG AND MEYER 210/9
ALS	ASSISTED LISTENING SYSTEM & TRANSLATION SYSTEM, WIFI, W/ 8 RECEIVERS	1	LISTEN MH-02-01
V	VOLUME CONTROL MODULE	OFP	EMTECH MSC-V10 OR V35 AS APPROPRIATE FOR SPEAKER LOAD RCI LDS002-MSCV-35
SVM	SOURCE AND VOLUME CONTROL	OFP	EMTECH MSC-S WITH EMTECH MSC-V10 WITH SPECIAL LABELING ACCORDING TO DETAIL 4/TA501
CM	MICROPHONE INPUT, DUAL, W/ CUSTOM LABEL	OFP	EMTECH MSC-D, SEE DETAIL 6/TA501
	CAMERA, PTZ, IP STREAMING & CONTROL, CMOS, SDI OUT, WHITE W/ MOUNT	OFP	CLEAR TOUCH RL500 W/ CTS-WMNTB-RL45 SHELF
	INSTALLED HDMI INTERCONNECT CABLE, 3'	A/R	HDMI HIGH SPEED
	INSTALLED HDMI INTERCONNECT CABLE, 6'	A/R	
	HDMI CABLE, 15 FEET, FOR OWNER	3	
	HDMI CABLE, 50 FEET, FOR OWNER	1	
	USB-C TO DISPLAY PORT CABLE INSTALLED BETWEEN 'CP11' & 'VS'	1	
1	AV EQUIPMENT CABINET, FLOOR STANDING W/ FRONT DOOR, BACK DOOR, SIDE PANEL AND REAR RACK RAILS	OFP	MIDDLE ATLANTIC MRK-4426, WITH VFD-44, SPN-44-267, MW-LA, MW-LVRD-44 ATLAS 744-25, WITH MPFD44, SPS44-25, FRD-44
	DRAWER	1	MIDDLE ATLANTIC UD3 ATLAS SOUND SD3-14
	SHELF	1	MIDDLE ATLANTIC SS LOWELL RSD-116
HWM	HORIZONTAL WIRE MANAGER, NOT MORE THAN 3" DEEP	A/R	MIDDLE ATLANTIC OR AS APPROVED
2	DATA RACK, SWING FRAME	OFP	SEE VOICE-DATA EQUIPMENT LIST, SHEET TT601
ADSP	AUDIO MIXER, DIGITAL SIGNAL PROCESSOR W/ POWER SUPPLY, I/O MODULES, RELAYS, AND ACCESSORIES AS REQUIRED.	OFP	QSC CORE 110F V2 W/ UCI & SCRIPTING LICENSES & DANTE LICENCE AS REQUIRED
IOE	IO EXPANSION	1	QSC QIO-GP8X8
IPCC	IP CONTACT CLOSURE MODULE	1	GLOBAL CACHE; TACH IP2CC
	24V POWER SUPPLY	1	RDL PS-24AS
PA	POWER AMPLIFIERS PA1-PA8 (8 x 300 WATT)	OFP	QSC CX-Q 4K8
IR	INFRARED DETECTORS COVER CABLE W/ LIGHT COLORED TUBING	OFP	EMTECH BLU-IR
D	MIC INPUT, DOUBLE	OFP	EMTECH MSC-D OR RCI EQUIVALENT
CP3	CULTURAL CENTER AV CONNECTION PANEL #3	OFP	EMTECH MSC-M OR RCI LDS002-MF-X (X=COLOR) EXTRON DTP R HWP 4K 331 D SEE DETAIL 3/TA501
CP4	CONNECTION PANEL #4	OFP	EMTECH MSC-D OR RCI EQUIVALENT EMTECH MSV-H OR RCI MI 9305 HDMI HIGHSPEED CABLE USE DETAIL 7/TA501
CP5	CONNECTION PANEL #5	OFP	USB-C INPUT ON DECORA INSERT WITH CUSTOM LABELING SEE DETAIL 10/TA501
CP6	CONNECTION PANEL #6	OFP	EMTECH MSV- H RCI MI 9305 W/ HDMI HIGH SPEED CABLE SEE DETAIL 9/TA501

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
HDP	HELP DESK PANEL, 1 RU	1	CUSTOM LABELING, SEE DETAIL 2/TA501
STS	STANDARD TERMINAL STRIP	OFP	
IT	ISOLATION TRANSFORMER	A/R	RDL TX-1A PRO CO LOT-1
TVSSE	SURGE SUPPRESSOR AND SWITCHER IP ENABLED W/ UL LISTED PLUG STRIP PROVIDE FOR EQUIPMENT RACK #1 AND #2	OFP	SURGEX SX-AX20E MIDDLE ATLANTIC RLNK P920R-SP W/ RLNK-CONT, RLNK-TEMP
	POWER STRIP, UL LISTED	A/R	6 OUTLET POWER STRIP OR EQUAL
	TVSS/ADSP RELAY INTERFACE	A/R	24 VDC RELAY, POWER SUPPLY AND BASE
TVSS	NON SEQUENCING SURGE SUPPRESSOR	OFP	MIDDLE ATLANTIC PD 915R-SP
CP10	CONNECTION PANEL #10	1	LOWELL D9P-ID-3 OR AS APPROVED CUSTOM XLR INPUT CUSTOM DUAL XLR OUTPUTS CUSTOM HDMI AND 3.5mm TRS CONNECTION *CUSTOM DEVICES MUST BE FABRICATED ON METAL DECORA INSERTS AS SHOWN ON 1/TA502
RSPK	RACK MONITOR SPEAKER, DECORA	1	RDL D-PSP1/PS-24AS
CP11	CONNECTION PANEL #11	OFP	LOWELL D9P-ID-3 OR AS APPROVED CUSTOM HDMI INPUT CUSTOM HDMI OUTPUTS CUSTOM USB-C INPUT *CUSTOM DEVICES MUST BE FABRICATED ON METAL DECORA INSERTS AS SHOWN ON 2/TA502
RR IR HUB	INFRARED RECEIVER W/ HUB, POWER SUPPLY, AND FLASHER	A/R	CABLES2GO C2G 40430 & C2G 40478 OR EQUAL
FB	CONNECTION PANEL "FB"	1	EMTECH MSV- H RCI MI-9305 OR CUSTOM PLATE THAT INTERFACES WITH INSTALLED FLOOR BOX HDMI HIGHSPEED CABLE

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS
A/R = AS REQUIRED, OFP = OBTAIN FROM PLANS, OFCI = OWNER FURNISHED CONTRACTOR INSTALLED EQUIPMENT

GENERAL PROJECT NOTES

1. NO CHANGES SHALL BE MADE WITHOUT THE PROJECT ACOUSTICAL AND TECHNOLOGY CONSULTANT'S WRITTEN CONSENT.
2. REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT LIST.
3. SEE 'ET' SHEETS FOR DEVICE LOCATIONS AND COORDINATION.
4. SEE SHEETS TT601 AND TT602 FOR ADDITIONAL COORDINATION.
5. SECURE ALL LOUDSPEAKER ASSEMBLIES WITH SEISMIC RESTRAINTS. MOUNT ALL LOUDSPEAKER ASSEMBLIES IN SUSPENDED TILE CEILINGS ON TILE BRIDGES EVEN IF NOT SHOWN IN EQUIPMENT LIST.
6. MOUNT ALS ANTENNA VERTICALLY IN ATTIC IN LOCATION CHOSEN TO PROVIDE MAXIMUM COVERAGE OF CHAPEL AND CULTURAL CENTER.

GENERAL SHEET NOTES

1. CONNECT CHAPEL AND ROSTRUM SPEAKERS TOGETHER AT TERMINAL STRIP IN RACK. DISCONNECT CHAPEL SPEAKERS FOR FOLDING PARTITION TESTING.
2. UNLESS OTHERWISE NOTED, MODULES SHALL BE PURCHASED FROM MANUFACTURER LISTED, NOT CUSTOM MADE. COLOR OF INSERTS AND COVER PLATES TO MATCH ELECTRICAL DEVICES.
3. 'TVSSE' DEVICES CAN PROVIDE EMAIL NOTIFICATION WHEN POWER AND TEMPERATURE THRESHOLDS ARE EXCEEDED. SET EMAIL NOTIFICATIONS TO BE SENT TO FM PROVIDED EMAILS ADDRESS WHEN MANUFACTURE RECOMMENDED POWER AND TEMPERATURE LIMITS ARE EXCEEDED.
4. FURNISH SPEAKER ENCLOSURES AND TRIM RINGS TO DIVISION 26 INSTALLER FOR INSTALLATION.
5. REFER TO A SHEETS FOR COORDINATION OF ITEMS MOUNTED IN WOOD MILLWORK.

1 6. CONTRACTOR IS TO PURCHASE MONITORS THROUGH WARD'S MEDIATECH. CONTACT BRAD WARD AT 562-755-9881.

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DAVID G. HINCKLEY
2/27/26
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029
2082 E SPANISH FORK PARKWAY, SPANISH FORK, UT 84660
BUILDING PERMIT SUBMISSION

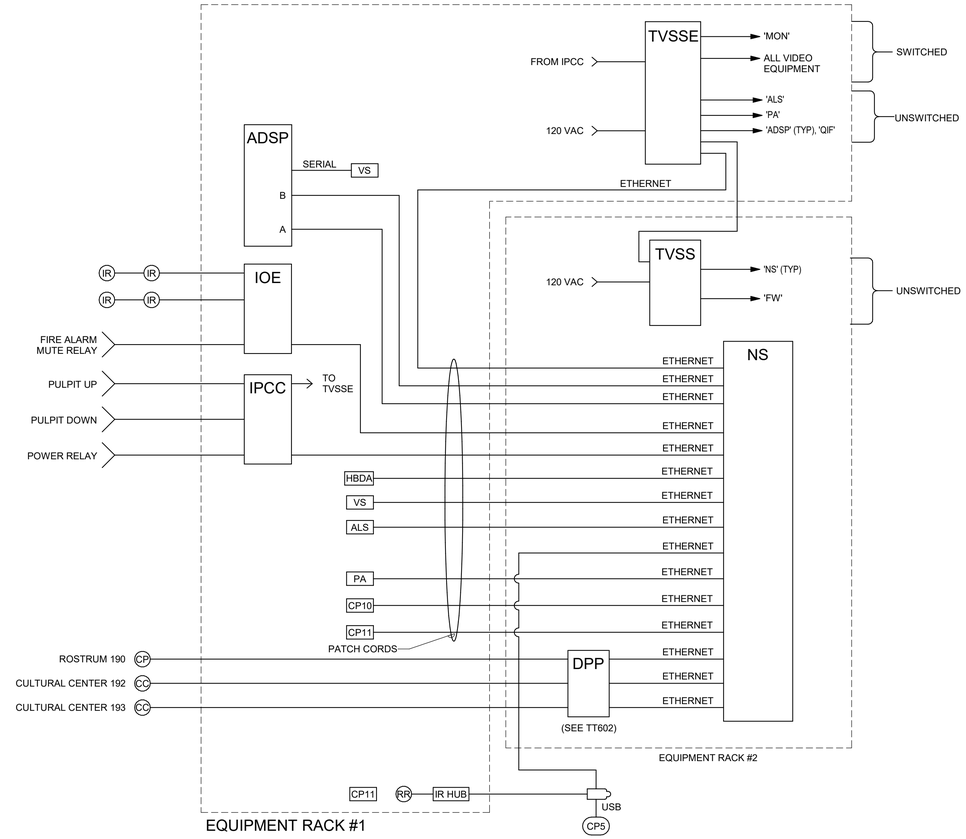
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 10.15.2025

REV	DATE	DESCRIPTION
1	02.27.26	ADDENDUM

AV SYSTEMS SCHEDULES AND NOTES

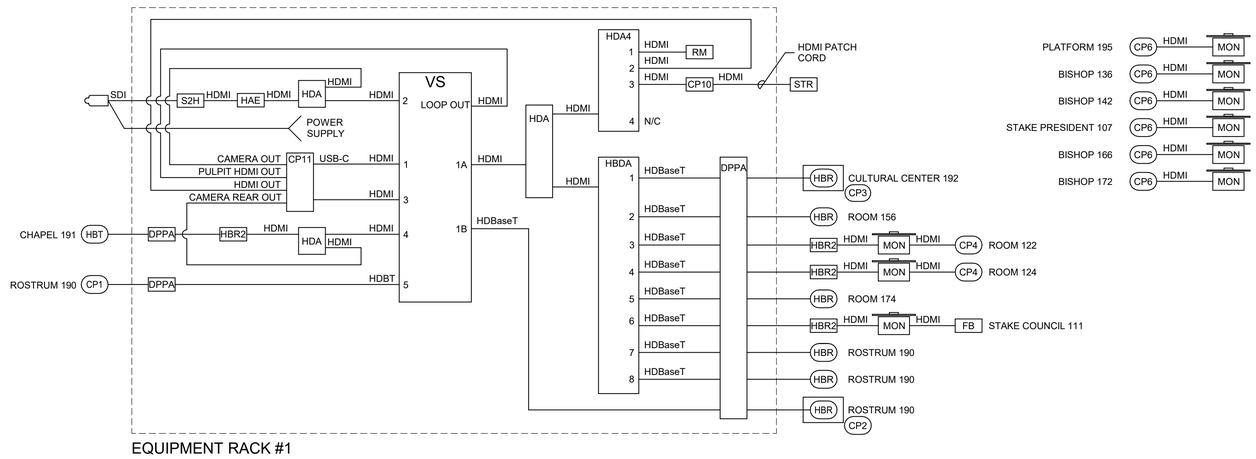
TA601

2/27/2026 9:52:54 AM



2 CONTROL/LOGIC RISER DIAGRAM

NO SCALE



1 VIDEO SYSTEM RISER DIAGRAM

NO SCALE

GENERAL SHEET NOTES

1. WHERE MULTIPLE DEVICES ARE SHOWN ON A SINGLE 'TVSSE' OUTLET, PROVIDE PLUG STRIPS AS REQUIRED.
2. QSC CONTROLLER MUST BE CONNECTED TO POE PORTS.
3. HDBASE T AND QSC DEVICES ARE IP COMMUNICATIONS PROTOCOL DEVICES. TWISTED PAIR CABLES MUST MEET STANDARDS DEFINED IN THE HORIZONTAL COMMUNICATIONS SPECIFICATIONS.
4. N/C INDICATES NO CONNECTION.
5. ADSP AND CONTROL/LOGIC WIRING IS GENERIC. SEE MANUFACTURER'S INSTRUCTION SHEET FOR WIRING DETAILS.
6. USE DHCP FOR IP ADDRESS ASSIGNMENTS.
7. CONFIGURE NETWORK SWITCH FOR PROPER NETWORK ZONES. NETWORK PORTS CONNECTED TO CONVENIENCE OUTLETS AND QSC DEVICE B PORTS SHALL BE CONFIGURED FOR PUBLIC ACCESS. ALL OTHER AV AND FACILITIES DEVICES SHALL BE CONNECTED TO PORTS CONFIGURED FOR FACILITIES ZONE ACCESS.
8. CONFIGURE RLNK TO PROVIDE 2 LEVELS OF POWER RESET. LEVEL 1 SHALL TURN OFF ALL "SWITCHED DEVICES". LEVEL 2 SHALL BE TRIGGERED AT 3AM, AND INCLUDE AMPLIFIER. IN ADDITION TO LEVEL 1 DEVICES. USE IP TRIGGERS.
9. CONFIGURE 'ADSP' TO PROVIDE SERIAL CONTROL OF 'VS' INCLUDING INPUT SELECTION, AND VIDEO MUTE. WHEN VIDEO IS MUTED "LOGO" SCREEN SHALL BE DISPLAYED. UPLOAD STANDARD "MEETING IN PROGRESS" IMAGE FILE TO 'VS'.

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LICENSED PROFESSIONAL ENGINEER
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DAVID G. HINCKLEY
STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

PROCESS SET

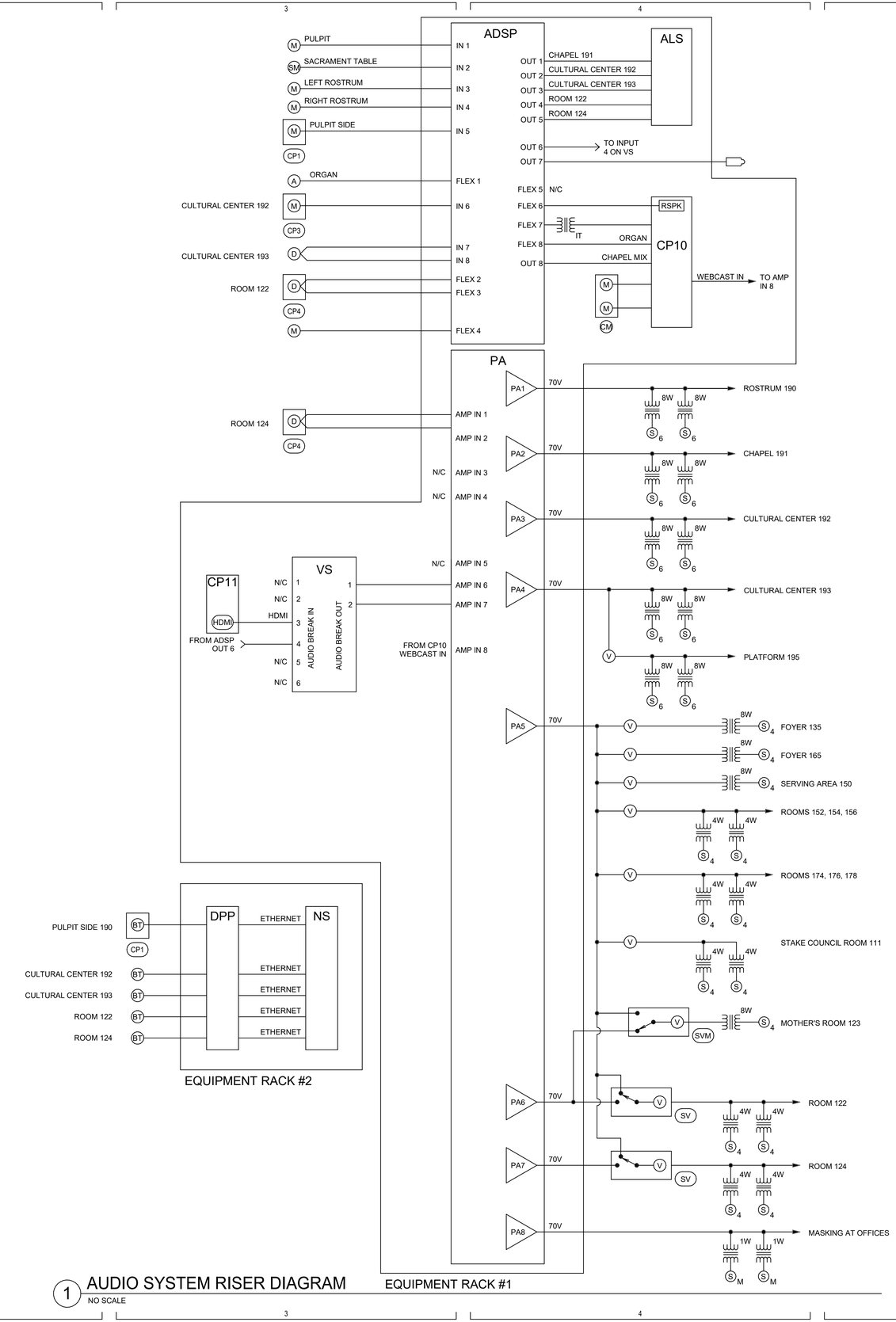
JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	06.05.2025

REV	DATE	DESCRIPTION

AV SYSTEMS DIAGRAMS

TA602

10/10/2025 9:02:02 AM



1 AUDIO SYSTEM RISER DIAGRAM
NO SCALE

GENERAL SHEET NOTES

1. WHERE MULTIPLE DEVICES ARE SHOWN ON A SINGLE 'TVSS' OUTLET, PROVIDE PLUG STRIPS AS REQUIRED.
2. QSC CONTROLLER MUST BE CONNECTED TO POE PORTS.
3. HDBASE T AND QSC DEVICES ARE IP COMMUNICATIONS PROTOCOL DEVICES. TWISTED PAIR CABLES MUST MEET STANDARDS DEFINED IN THE HORIZONTAL COMMUNICATIONS SPECIFICATIONS.
4. N/C INDICATES NO CONNECTION.
5. ADSP AND CONTROL/LOGIC WIRING IS GENERIC. SEE MANUFACTURER'S INSTRUCTION SHEET FOR WIRING DETAILS.
6. USE DHCP FOR IP ADDRESS ASSIGNMENTS.
7. PROVIDE A STATIC IP ADDRESS FOR THE ALS SYSTEM. VERIFY ADDRESS WITH OWNER.

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LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

PROCESS SET

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	06.05.2025

REV	DATE	DESCRIPTION

AV SYSTEMS DIAGRAMS

TA603

10/10/2025 9:02:04 AM

VOICE-DATA SYSTEM EQUIPMENT/CABLE LIST

THE FOLLOWING IS A PARTIAL LIST OF MATERIALS FOR THE DATA/PHONE SYSTEM. REFER TO SPECIFICATION 27 1501 FOR FULL REQUIREMENTS. VERIFY ALL PART NUMBERS WITH MANUFACTURER'S CATALOG NUMBERS AND NOTIFY CONSULTANT OF DISCREPANCIES PRIOR TO BIDDING. FURNISH MISCELLANEOUS HARDWARE NOT LISTED TO PROVIDE A COMPLETE SYSTEM.

SYM	DESCRIPTION	ACCEPTABLE TYPES
TELCO DEMARC	TELECOMMUNICATIONS PROVIDER DEMARCATION POINT	FURNISHED AND INSTALLED BY PROVIDER
ISP DEMARC	INTERNET SERVICE PROVIDER DEMARCATION POINT	FURNISHED AND INSTALLED BY PROVIDER
DPP	PATCH PANEL, DATA, 48-PORT W/ CAT 6 INSERT, BLUE (QUANTITIES OF PORTS AS REQUIRED +25%)	SEE SPECIFICATION 271501
TVSS	SURGE SUPPRESSOR AND SWITCHER W/ UL LISTED PLUG STRIP	FURNISHED AND INSTALLED BY AV INSTALLER
	UL LISTED POWER STRIP	6 OUTLET POWER STRIP OR EQUAL
D(#)	STATION CABLE, DATA-CAT 6, DATA, BLUE JACKET (#) INDICATES NUMBER OF CABLES IF MORE THAN ONE	SEE SPECIFICATION 271501
WAP ▽	DATA OUTLET, WIRELESS ACCESS POINT SINGLE GANG BEZEL	SEE SPECIFICATION 271501 SEE DETAIL 2/TT602
	BEZEL INSERTS	SEE SPECIFICATION 271501
	CAT 6 JACK-DATA (1)	SEE SPECIFICATION 271501
▼	VOICE OUTLET SINGLE GANG BEZEL	SEE SPECIFICATION 271501
	BEZEL INSERTS	SEE SPECIFICATION 271501
	CAT 6 JACK-DATA (1)	SEE SPECIFICATION 271501
▽ ▽2	DATA OUTLET SINGLE GANG BEZEL	SEE SPECIFICATION 271501
	BEZEL INSERTS	SEE SPECIFICATION 271501
	CAT 6 JACK-DATA (1 OR 2)	SEE SPECIFICATION 271501
FB	DATA OUTLET BEZEL COMPATIBLE WITH FLOOR BOX, SEE DETAIL 1/ET601	SEE SPECIFICATION 271501
	BEZEL INSERTS	SEE SPECIFICATION 271501
	CAT 6 JACK-DATA (1)	SEE SPECIFICATION 271501
	COPPER CAT 6 PATCH CABLES (INCLUDE CABLES LONG ENOUGH TO CONNECT TO EQUIPMENT IN EQUIPMENT CABINET RACK #1 AS NEEDED)	SEE SPECIFICATION 271501
	CAT 6 J-HOOKS	CADDY CAT32Z34
HWM	HORIZONTAL WIRE MANAGER HORIZONTAL WIRE MANAGER SHALL NOT HAVE A DEPTH OF MORE THAN 3"	SEE SPECIFICATION 271501
NS	NETWORK SWITCH, OWNER STANDARD	OWNER FURNISHED-CONTRACTOR INSTALLED
	RACK MOUNT SHELF	MIDDLE ATLANTIC U2
BMG	BUILDING MANAGEMENT GATEWAY	FURNISHED AND INSTALLED BY MECHANICAL CONTROLS CONTRACTOR
FW	INTERNET FIREWALL, OWNER STANDARD,	OWNER FURNISHED-CONTRACTOR INSTALLED
	RACK MOUNT SHELF	MIDDLE ATLANTIC U2
ISP MODEM	INTERNET SERVICE MODEM	OWNER FURNISHED-CONTRACTOR INSTALLED
	WALL MOUNT SHELF	MIDDLE ATLANTIC WMS-20
WAP	WIRELESS ACCESS POINT. OWNER STANDARD.	OWNER FURNISHED-CONTRACTOR INSTALLED. INSTALL AT EACH 'WAP' LOCATION SHOWN ON ET102. SEE DETAIL 2/TT602
/2	DATA RACK, SWING FRAME	MIDDLE ATLANTIC SFR-20-18 SEE DETAILS 2/ET602 AND 4/TT602
CC CP BT CP1	AUDIO VIDEO USER INTERFACE	INTERFACE BY AV INSTALLER; DATA CONNECTION BY 27 1501 SEE TA601, TA602, TA603
	CAT6 DATA JACK	SEE SPECIFICATION 27 1501
NHP	NETWORK HELP DESK PANEL	1RU RACK PANEL WITH CUSTOM LABELING SEE DETAIL 3/TT602

NOTE: ALL PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR

AUDIO-VIDEO CABLE EQUIPMENT LIST

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
A(X)	HDMI CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BELDEN HD 800-XX LIBERTY HD 1000-XX OR AS APPROVED BY CONSULTANT ('XX' LENGTH REQUIRED)
C(X)	CONTROL CABLE, WHITE JACKET (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BELDEN 1872A WEST PENN 4246 LIBERTY 24-4P-L6-EN OR AS APPROVED BY CONSULTANT
H(X)	HDBASE T CABLE, BLACK JACKET, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	WEST PENN 4246AF COMMSCOPE 1291B F/UTP BELDEN 10GX62F OR AS APPROVED BY CONSULTANT
L(X)	LINE LEVEL CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BELDEN 9451 WEST PENN 454 LIBERTY 22-1P-EZ OR AS APPROVED BY CONSULTANT
LC	LINE LEVEL CABLE FOR PULPIT LIFT MOTOR 3 CONDUCTOR, 20 AWG	A/R	BELDEN 8772 WEST PENN 232 OR AS APPROVED BY CONSULTANT
M(X)	MICROPHONE CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	LIBERTY 22-1P-EZ BELDEN 9451 WEST PENN 454 OR AS APPROVED BY CONSULTANT
P(X)	HD-SDI CABLE, RG-6, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	WEST PENN 6350 BELDEN 1694A OR AS APPROVED BY CONSULTANT
S(X)	SPEAKER CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE	A/R	BELDEN 8471 WEST PENN 225 LIBERTY 16-2C-GRY OR AS APPROVED BY CONSULTANT
UC(X)	USB-C CABLE, TERMINATED AT EACH END, USB 3 COMPLIANT	A/R	BULLET TRAIN AC-BTSSF-USB3-A2C-XX OR APPROVED EQUIVALENT (XX=LENGTH REQUIRED)

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS
A/R = AS REQUIRED

GENERAL PROJECT NOTES

1. LABEL ALL CABLE REGARDLESS OF LENGTH.
2. THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL CABLING AND EQUIPMENT TO THE CONSULTANT APPROVAL.
3. COIL 5' OF EXTRA CABLE AT THE TECHNOLOGY ROOM AND 18"' AT THE OUTLET FOR EACH CABLE RUN.
4. USE CADDY CLIPS OR BRIDLE RINGS FOR ALL CABLE OUTSIDE OF CONDUIT. GENERAL PROJECT NOTES ET601.
5. ALL CABLE AND UTP TO TERMINATE ON BOTH ENDS.
6. ALL VOICE-DATA OUTLETS ON WALLS SHALL BE MOUNTED WITHIN 6" OF A POWER OUTLET. IF CONTRADICTIONS ARISE ON PLANS, NOTIFY ENGINEER.
7. REFER TO SHEET ET101 AND ET102 FOR VOICE-DATA JACK LOCATIONS AND ROUTING OF AV CABLE.
8. EQUIPMENT RACK TO BE INSTALLED BY AV INSTALLER.
9. ALL VOICE-DATA CABLING AND EQUIPMENT SHALL BE INSTALLED ACCORDING TO DIVISION 27 1501.
10. INSTALL OWNER FURNISHED NETWORK EQUIPMENT SHOWN. AS PART OF INSTALLATION SET UP AND CONFIGURE DEVICES IN ACCORDANCE WITH OWNER REQUIREMENTS. COORDINATE WITH LOCAL FACILITIES MANAGER.
11. COORDINATE WITH FACILITIES MANAGER AND PROJECT MANAGER WELL IN ADVANCE OF PROJECT COMPLETION TO ENSURE INSTALLATION OF ALL OWNER FURNISHED EQUIPMENT IS INSTALLED AND SET UP PROPERLY. IN ADDITION, ENSURE OWNER PROVIDES INTERNET SERVICE TO BUILDING PRIOR TO FINAL INSTALLATION OF AV AND VOICE DATA EQUIPMENT.
12. INSTALL A DATA PATCH CABLE TO NS FOR ALL DATA LOCATIONS SHOWN ON PLANS.
13. FURNISH AND INSTALL ALL AUDIO-VIDEO CABLE SHOWN. PROVIDE 3' EXTRA CABLE AT OUTLET END AND 15' EXTRA CABLE AT EQUIPMENT RACK. COIL AND LABEL.
14. INSTALL PATCH IN AND SET-UP OWNER FURNISHED WIRELESS ACCESS POINTS.
15. SEE "TA" AND "ET" SHEETS FOR DEVICE LOCATIONS AND ADDITIONAL COORDINATION.
16. ALL HORIZONTAL CABLING AND TERMINATIONS SHALL BE FROM SINGLE MANUFACTURER, AS NECESSARY SUCH THAT INSTALLER MAY PROVIDE EXTENDED SYSTEM WARRANTY OF 25 YEARS OR MORE.
17. CABLE RUNS ORIGINATING FROM OUTSIDE THE RACK SHALL BE TERMINATED TO DPP, WITH PATCH CABLE TO NETWORK SWITCH. DEVICES IN THE SAME RACK AS THE NETWORK SWITCH MAY BE CONNECTED DIRECTLY TO THE SWITCH.

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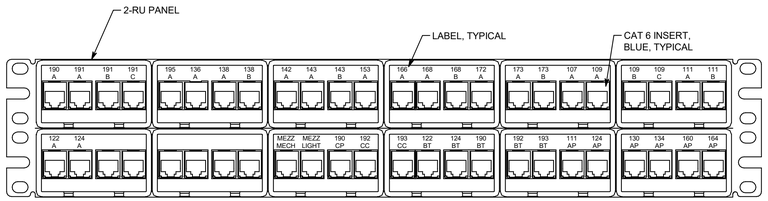
JOB NUMBER: 501-4029
OWNER: CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE: 06.05.2025

REV	DATE	DESCRIPTION

TELECOM SCHEDULES, NOTES, AND DIAGRAM

TT601

10/10/2025 9:02:05 AM



2-RU PANEL = 2 RACK UNIT (3.50")

NOTE:

NUMBER SHOWN MATCHES DESIGN ROOM NUMBERS. FINAL LABELING FOR PATCH PANEL AND OUTLETS SHALL MATCH SIGNAGE POSTED FOR ROOMS.

8 PATCH PANEL DETAIL, 48-PORT, TYPICAL

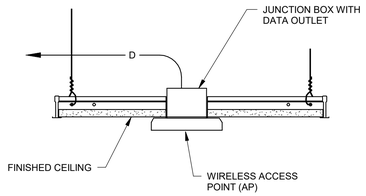
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3 HELP DESK PANEL

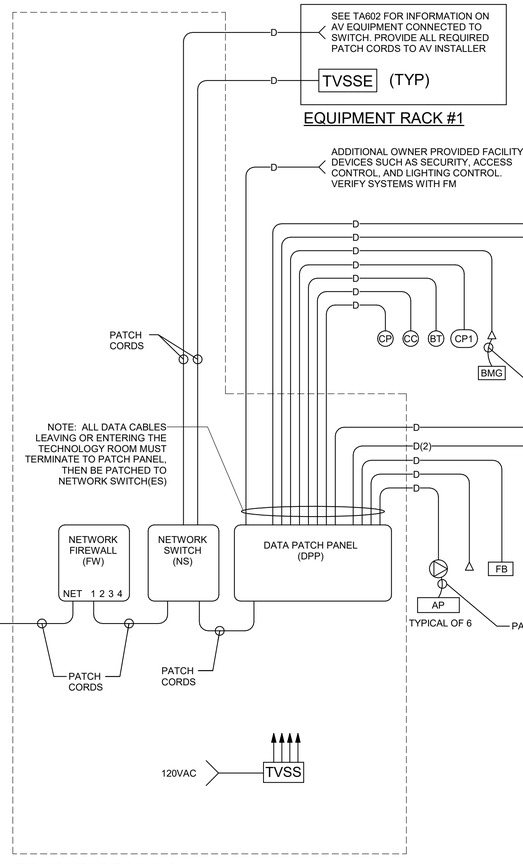
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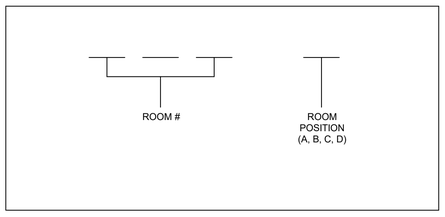
NHP



2 WIRELESS ACCESS POINT 'AP' DETAIL

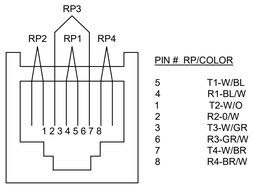
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7 CABLE LABEL DETAIL

NO SCALE

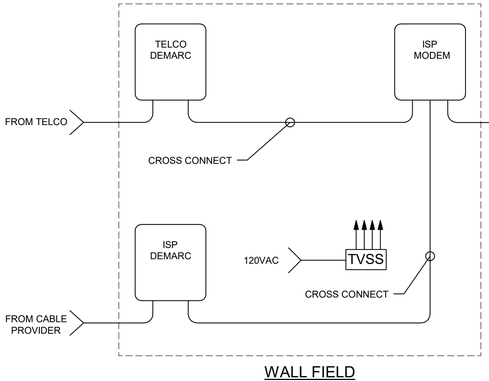


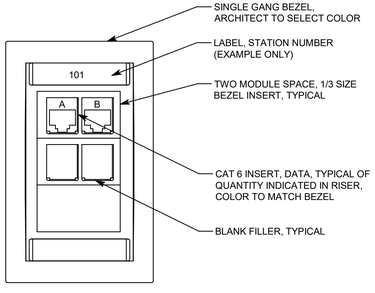
PIN # RP/COLOR

5	T1-W/BL
4	R1-BL/W
1	T2-W/O
2	R2-O/W
3	T3-W/GR
6	R3-GR/W
7	T4-W/BR
8	R4-BR/W

5 OUTLET PINNING DETAIL

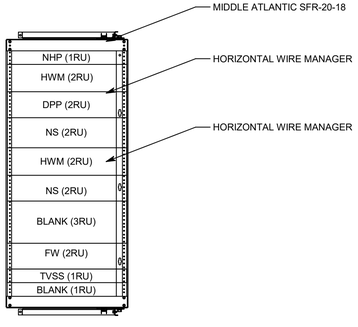
NO SCALE





6 TYP DATA OUTLET

NO SCALE



4 DATA RACK ELEVATION

NO SCALE

1 STRUCTURED CABLING RISER DIAGRAM

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STATE OF UTAH

LEGACY FARMS LDS STAKE CENTER #501-4029

2107 E HERITAGE DR, SPANISH FORK, UT 84660

PROCESS SET

JOB NUMBER:	501-4029
OWNER:	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
DATE:	06.05.2025

REV	DATE	DESCRIPTION

TELECOM NOTES AND DETAILS

TT602

10/10/2025 9:02:07 AM