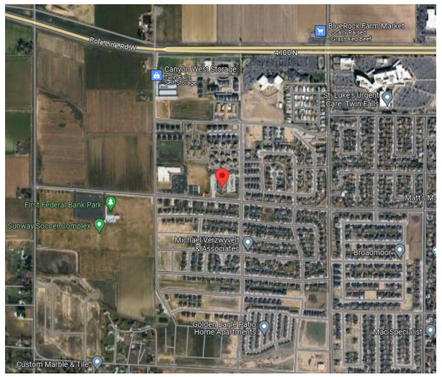
AN ADDITION FOR THE NORTH POINT LDS CHURCH

1134 N College Rd W, Twin Falls, ID 83301

LOCATION MAP



NORTH

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

ABBREVIATIONS

AC	ACOUSTICAL CEILING	EJ	EXPANSION JOINT	MECH	MECHANIC (-AL)	SP	SPACE (-S)
ADJ	ADJUSTABLE - ADJACENT	EL	ELEVATION	MFR	MANUFACTURE (-R)	SPEC	SPECIFICATION
AFF	ABOVE FINISH FLOOR	ELEC	ECLECTRIC (-AL)	MIN	MINIMUM	SQ	SQUARE
AL	ALUMINUM	EP	ENAMEL PAINT	MISC	MISCELLANEOUS	S/S	STAINLESS STEEL
ALT	ALTERNATE	EQ	EQUAL	MRGB	MOISTURE RESISTANT GYPSUM BOARD	ST	STAIN
ANOD	ANODIZED	EW	EACH WAY			STL	STEEL
AP	ACOUSTICAL WALL PANEL	EXG	EXISTING	MTL	METAL	STR	STRUCTURE (-AL)
APPROX	APPROXIMATE	EXP	EXPANSION	N	NORTH	STRG	STORAGE
ARCH	ARCHITECT (-URAL)	EXT	EXTERIOR	(N)	NEW	SV	SHEET VINYL FLOORING
AW	ACOUSTICAL WALL	FA	FIRE ALARM	NA, N/A	NOT APPLICABLE	T	THREAD
AWF	ACOUSTICAL WALL FABRIC	FD	FLOOR DRAIN	NIC	NOT IN CONTRACT	TBB	TILE BACKER BOARD
BLDG	BUILDING	FE	FIRE EXTINGUISHER	NDU	SANITARY NAPKIN DISPOSAL UNIT	T&G	TONGUE AND GROOVE
BM	BEAM	FEC	FIRE EXTINGUISHER CABINET			TO	TO OF
BOD	BOTTOM OF DECK	FF	FACTORY FINISH, FINISH FLOOR	NOM	NOMINAL	TOW	TOP OF WALL
BOT	BOTTOM	FIN	FINISH (-ED)	NTS	NOT TO SCALE	TPD	TOILET PAPER DISPENSER
BTWN	BETWEEN	FLR	FLOOR (-ING)	OC	ON CENTER	TSCD	TOILET SEAT COVER DISPENSER
CB	CATCH BASIN	FND	FOUNDATION	OD	OUTSIDE DIAMETER	TT	TIRE TREAD
CBT	CABINET	FOC	FACE OF CONCRETE	OPP	OPPOSITE	TYP	TYPICAL
CG	CORNER GUARD	FRP	FIBERGLASS REINFORCED PLASTIC PANEL	PCMU	PRE-FACED CMU	UNO	UNLESS NOTED OTHERWISE
CJ	CONTROL JOINT			PL	PLATE, PLASTIC LAMINATE	U/S	UNDERSIDE
CL	CENTERLINE	FRVR	FLAME RESISTANT VAPOR BARRIER	P-LAM	PLASTIC LAMINATE	VB	VAPOR BARRIER
CLG	CEILING	FT	FOOT, FEET	PLWD	PLYWOOD	VCT	VINYL COMPOSITION TILE
CLR	CLEAR (-ANCE)	FTG	FOOTING	PNL	PANEL	VERT	VERTICAL
CMT	CERAMIC MOSAIC TILE	FWC	FABRIC WALL COVERING	PORC. TILE	PORCELAIN TILE	VGF	VINYL GYM FLOORING
CMU	CONCRETE MASONRY UNIT	GA	GAUGE	PR	PAIR	VIF	VINYL INDUSTRIAL FLOORING
CO	CLEAN OUT	GALV	GALVANIZED	PSF	POUNDS PER SQUARE FOOT	VR	VAPOR RETARDER
COL	COLUMN	GH	GARMENT HOOK	PSI	POUNDS PER SQUARE INCH	VT	VINYL TILE
CONC	CONCRETE	GMM	GLASS MESH MORTAR BOARD	PT	PAINT, PRESSURE TREATED	VWF	VINYL WALL FABRIC
CONT	CONTINUOUS, CONTINUE	GYP BD	GYPSUM BOARD	PTD	PAPER TOWEL DISPENSER	W	WEST
CORR	CORRIDOR	HB	HOSE BIB	QT	QUARTZ TILE	W/C	WATER CLOSET
CP	CARPET	HC	HANDICAPPED	R	RISER, RADIUS	WD	WOOD
CS	CONCRETE SLAB, SEALED	HDR	HEADER	RB	RESILIENT BASE	W/D	WASHER & DRYER
CT	CERAMIC TILE	HM	HOLLOW METAL	RD	ROOF DRAIN	WDO	WINDOW
CTJ	CONTROL JOINT	HORIZ	HORIZONTAL	RO	ROUGH OPENING	WF	WALL FABRIC
CTR	COUNTER (-TOP)	HT	HEIGHT	RR	RESTROOM	WFV	WOOD FACE VENEER
DBL	DOUBLE	HVAC	HEATING/VENTILATING/ AIR CONDITIONING	RSF	RUBBER SHEET FLOORING	WG	WIRE GUARD
DET	DETAIL			S	SOUTH	WGL	WIRED GLASS
DIA	DIAMETER	ILO	IN LIEU OF	SC	SOLID CORE	WM	WIRE MESH
DIM	DIMENSION	INSUL	INSULATION	SCU	STRUCTURAL CLAY UNIT	W/O	WITHOUT
DF	DRINKING FOUNTAIN	INT	INTERIOR	SD	SOAP DISPENSER	WOC	WALK-OFF CARPET
DP	DEEP	JNT	JOINT	SDSV	STATIC DISIPATIVE SHEET VINYL	WP	WATERPROOFING
DR	DOOR	KD	KNOCK DOWN	SF	SPECIALTY FINISH	WPS	WALL PROTECTION SYSTEM
DS	DOWNSPOUT	LAV	LAVATORY	SFGL	SAFETY GLASS	WR	WATER RESISTANT
DWG	DRAWING	MCFP	MULTI-COLORED FINISH PAINT SYSTEM	SHTG	SHEATHING	WRGB	WATER RESISTANT GYPSUM WALLBOARD
E	EAST			SIM	SIMILAR		
(E)	EXISTING	MDO	MEDIUM DENSITY OVERLAY PLYWOOD	SL	SLOPE	WWF	WELDED WIRE FABRIC
EA	EACH			SND	SANITARY NAPKIN DISPENSER	W/	WITH

PROJECT TEAM

CIVIL ENGINEER:
ASPEN ENGINEERS
1619 N. LINDER RD, SUITE 110
KUNA, IDAHO 83634
PHONE: 208-466-8181

STRUCTURAL ENGINEER:
RIDGE STRUCTURAL ENGINEERING
1152 BOND AVE SUITE B
REXBURG, IDAHO 83440
PHONE: 208-227-8404 EXT. 206

ELECTRICAL ENGINEER:
PAYNE ENGINEERING
1823 E. CENTER
POCATELLO, IDAHO 83201
PHONE: 208-232-4439

FIRE PROTECTION ENGINEER:

ARCHITECT:
LAUGHLIN RICKS ARCHITECTURE
134 3RD AVE E
TWIN FALLS, IDAHO 83301
PHONE: 208-736-8050

MECHANICAL ENGINEER:
VBFA
181 EAST 5600 SOUTH
MURRAY, UTAH 84107
PHONE: 801-530-3148

AUDIO/VIDEO ENGINEER:
SPECTRUM ENGINEERS
324 S State St Ste 400
SALT LAKE CITY, UTAH 84111
PHONE: 801-328-5151

LANDSCAPE ARCHITECT:
BRECKON LANDDESIGN
6661 NORTH GLENWOOD STREET
GARDEN CITY, IDAHO 83714
PHONE: 208-376-5153

PROJECT INFORMATION

GOVERNING BUILDING CODES:

BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE (IBC)
PLUMBING CODE:	2018 INTERNATIONAL PLUMBING CODE (IPC)
MECHANICAL CODE:	2018 INTERNATIONAL MECHANICAL CODE (IMC)
ELECTRICAL CODE:	2018 NATIONAL ELECTRICAL CODE (NEC)
FIRE CODE:	2018 INTERNATIONAL FIRE CODE (IFC)
ENERGY CONSERVATION:	2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
ACCESSIBILITY:	2017 ANSI 117.1 & 2021 IBC

OCCUPANCY GROUP: A-3
BUILDING TYPE: V-B
FIRE SPRINKLERED: YES
MATERIALS: WOOD FRAME WITH MASONARY VENEER

OWNER DRAWING APPROVALS

AEC PROJECT MANAGER — DATE
STAKE PRESIDENT — DATE
DATE
DATE

MUNICIPAL DRAWING APPROVALS

PLANNING DEPARTMENT — DATE
BUILDING DEPARTMENT — DATE
CITY ENGINEERING — DATE
FIRE DEPARTMENT — DATE

CITY STAMP

DRAWING INDEX

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E000	ELECTRICAL SYMBOLS & DETAILS
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E601	POWER RISER, SCHEDULES & DETAILS

GENERAL NOTES:

1. ALL WORK SHALL MEET CURRENT ADOPTED STATE, LOCAL CODES, ORDINANCES, & 2018 IBC
2. ALL MECHANICAL, ELECTRICAL, & PLUMBING WORK SHALL MEET ALL CURRENT APPLICABLE STATE & LOCAL CODES.
3. ALL UTILITIES SHALL BE PROPERLY IDENTIFIED & LOCATED BEFORE WORK BEGINS ON PROJECT.
4. CONTRACTOR SHALL VERIFY ALL CONDITIONS & DIMENSIONS AT THE JOB SITE & NOTIFY THE ARCHITECT OF ANY DIMENSIONAL ERRORS, OMISSIONS, OR DISCREPANCIES BEFORE BEGINING OR FABRICATING ANY WORK.
5. DO NOT SCALE DRAWINGS.
6. ALL DOOR HANDLES SHALL BE LEVER TYPE, ALL DOOR HARDWARE SHALL BE A.D.A COMPLIANT AS PER CURRENT ANSI 117.1
7. AT MAIN ENTRANCE DOOR SHALL HAVE SINGLE ACTION LOCKING DEVICE &/ OR SIGNED "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."

TWIN FALLS FIRE DEPARTMENT NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INSURE THAT ALL DEFERRED SUBMITTALS REQUIRED BY THE FIRE DEPARTMENT **HAVE BEEN APPROVED BY THE STATE PRIOR TO THE INSTALLATION OF A FIRE ALARM AND/OR FIRE SPRINKLER SYSTEM,** IT SHALL ALSO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THAT ALL APPROPRIATE TESTING AND/OR INSPECTIONS HAVE BEEN PERFORMED BEFORE COVERING OR CALLING FOR A FINAL INSPECTION.
2. FIRE SPRINKLER UNDERGROUND PIPING
   THE UNDERGROUND FIRE SPRINKLER LINE MUST MEET NFPA 24 AND THE CITY OF TWIN FALLS STANDARDS. THE INSPECTION AND TESTING OF THE UNDERGROUND FIRE SPRINKLER LINE SHALL BE OVERSEEN BY THE TWIN FALLS FIRE MARSHALL.
3. SPRINKLER SYSTEM(S)
   SPRINKLER SYSTEM PLANS SHALL BE SENT TO THE STATE FIRE MARSHAL OFFICE AND DESIGNED IN ACCORDANCE WITH CURRENT NFPA 13 STANDARDS.
   IDAHO STATE FIRE MARSHAL
   700 WEST STATE STREET, 3RD FLOOR
   BOISE, IDAHO 83720
   PLANS SHALL MEET CURRENT IFC, NFPA 13R AND IDAHO STATE PLUMBING CODES, AND BE APPROVED PRIOR TO INSTALLATION.
4. FDC VISUAL ALARM A VISUAL ALARM DEVICE (EXTERIOR HORN/STROBE) SHALL BE PROVIDED IN THE AREA OF THE FDC.
5. FIRE ALARM AND DETECTION SYSTEM SHALL BE MODIFED AS REQUIRED.
6. FIRE SPRINKLER SYSTEM SHALL BE MODIFIED AS REQUIRED.

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (DAY-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: TITLE SHEET

Sheet: G001

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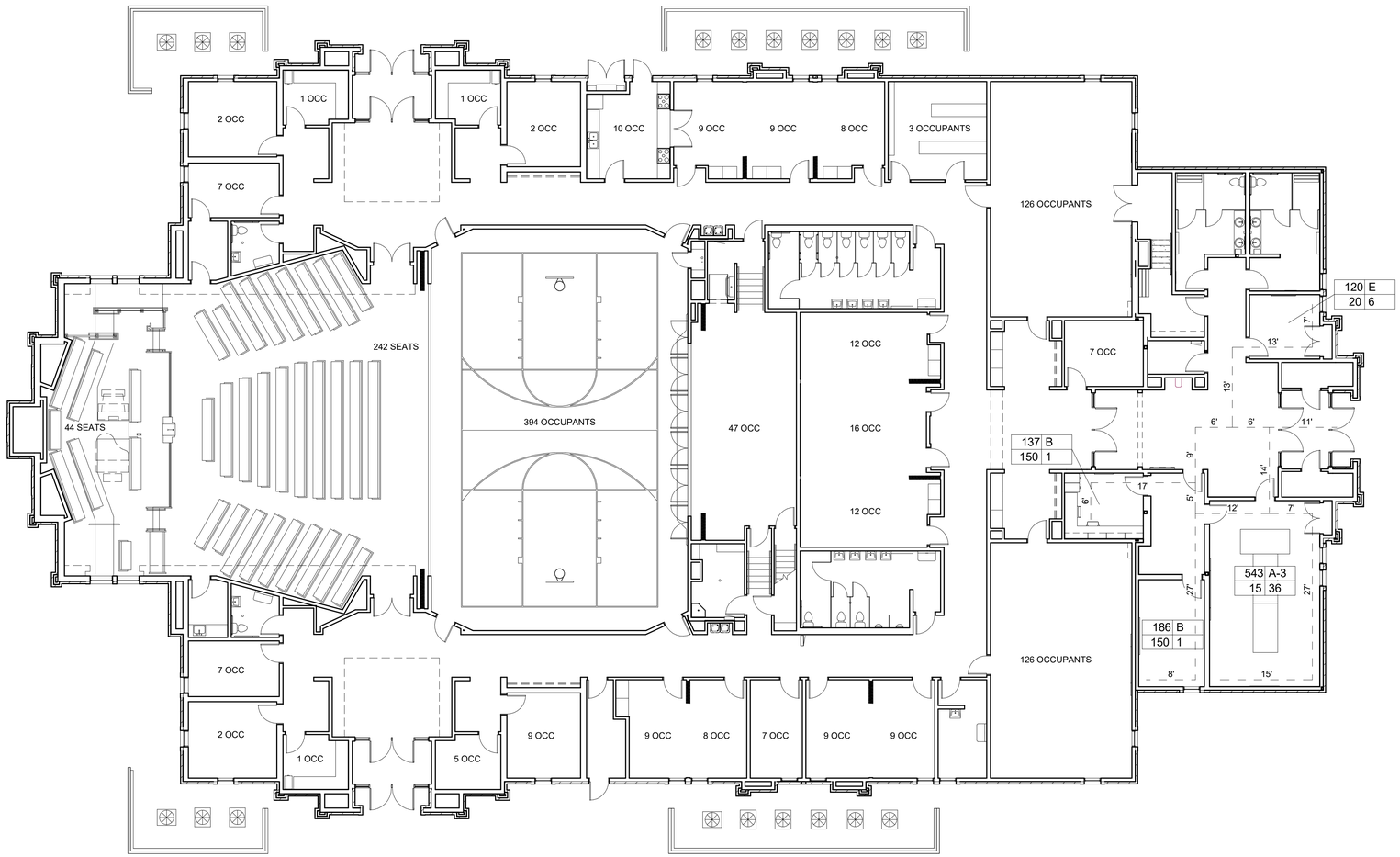

1 EXITING & OCCUPANCY PLAN
3/32" = 1'-0"

SF	OCC
OLF	OL

ROOM/AREA SQUARE FOOTAGE
OCCUPANCY GROUP
OCCUPANT LOAD
OCCUPANCY LOAD FACTOR
(n=NET sf, g=GROSS SF)

PLAN ANALYSIS
Based on 2018 Edition of I.B.C

Architect of Record: Laughlin Ricks Architecture, L.L.C.

Engineer:

Job Address:

Legal Description:

Occupancy Classification: A-3 Occupant Load Per Area: A-3 1,188

Occupancy Use: CHURCH

Allowable Stories Per Code: 2 Provided: 1 (IBC Table 505.4) Total: 1,188

Floor Area: Basement: 1st: 21,766 SF Exits Required: Basement: 1st: 4

Mezzanine: 3rd: Total: 21,766 SF 2nd: 3rd: 4th:

Total Required Exits Per Occupant Load: (IBC Table 1006.3.2)

Actual furthest travel distance to exit: 72' (IBC Table 1017.2 & 1006.2.1)

Penetrations? Show Approved Listed Products on Plans: N/A

Type of Construction: VB Allowable Building Height: 60'

Seismic Design Category: C Allowable Area Calc's: 24,000

Automatic Sprinkler System: Yes: X No: (IBC Table 506.2)

Maximum Floor Area Allowed: 24,000 Exit Signs: Yes: X No:

Special Inspections Required? Yes: No: X Emergency Lights: Yes: X No:

Firewalls Required? (Specify Type & Rating) Yes: No: X Fire Extinguishers Shown: Yes: X No: (IFC Section 906)

Occupancy Separation Use? Yes: No: X Fire Hydrant Locations Shown: Yes: No:

Areas of Refuge Required? (IBC Section 1009.2,3,4) Yes: No: X Vestibule Required: Yes: X No:

Area Separation Required? Yes: No: X Classified Areas? (Show on plans & Show Areas) Yes: No: X

Fire Resistance Ratings of BLDG Elements : (IBC Table 601) (Specify Rating)

Minimum Roof Class: C (IBC Table 1505.1) Exterior Wall Openings: (IBC 705.8)

Fire Doors: N/A (IBC Table 716.1.2) Fire Alarm System: YES (IBC 907.2)

Fire Flow and Duration: Corridor Width: 44" (IBC Table 1020.2)

Rated Structural Frame: (Roof Supports Only) Yes: No: X Rated Corridors: (IBC Section 1020.1) Yes: No: X

Rated Bearing Walls-Exterior: Yes: No: X Rated Bearing Walls-Interior: Yes: No: X

Rated Nonbearing Walls-Exterior: (>30' Fire Separation) Yes: No: X Rated Bearing Walls-Interior: (Roof Supports Only) Yes: No: X

Rated Nonbearing Walls-Exterior: (10'-30' Fire Separation) Yes: No: X Rated Nonbearing Walls-Interior: Yes: No: X

Rated Floor Construction: Yes: No: X Rated Roof Construction: Yes: No: X

Lighting Layout and COM Check? Yes: X No:

Comments:

2 PLAN ANALYSIS
1/4" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
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Stamp:
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THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-MM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: PLAN ANALYSIS & EXITING

Sheet: G101

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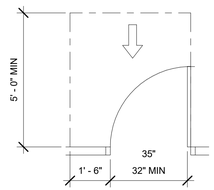
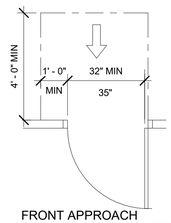
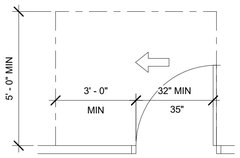


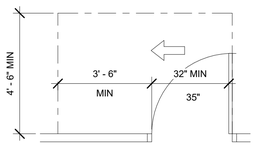
FRONT APPROACH
PULL SIDE, CLEARANCE



FRONT APPROACH
PUSH SIDE, CLEARANCE



HINGE APPROACH
PULL SIDE, CLEARANCE



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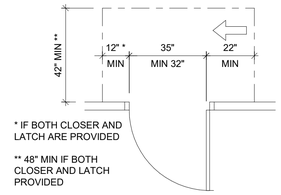
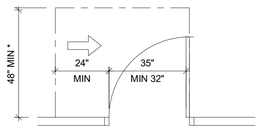
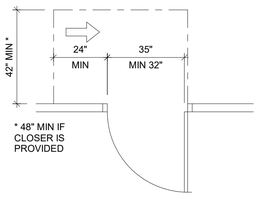


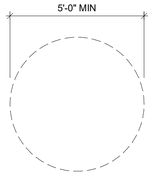
HINGE APPROACH
PUSH SIDE, CLEARANCE



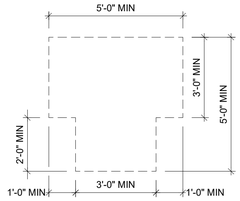
LATCH APPROACH
PULL SIDE, CLEARANCE



LATCH APPROACH
PUSH SIDE, CLEARANCE

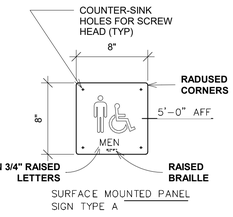


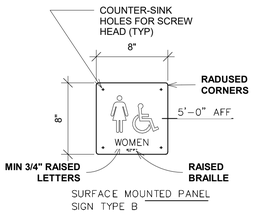
CIRCULAR
TURNING SPACE



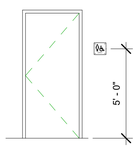
T-SHASPED
TURNING SPACE

1 DOOR CLEARANCE REQUIREMENTS
3/8" = 1'-0"

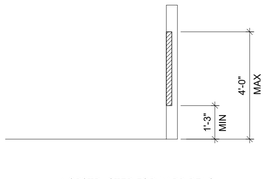




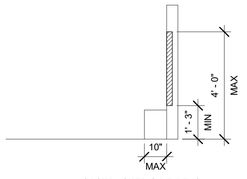
2 GENERAL- SIGNS
1 1/2" = 1'-0"



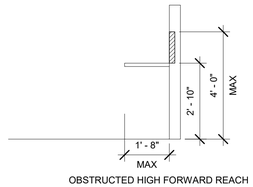
3 GENERAL- SIGN MOUNTING HEIGHT
1/4" = 1'-0"



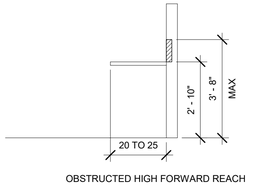
UNOBSTRUCTED FORWARD REACH



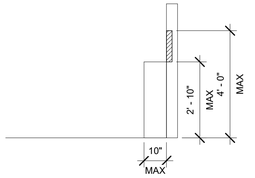
UNOBSTRUCTED SIDE REACH



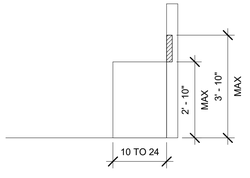
OBSTRUCTED HIGH FORWARD REACH
(A)



OBSTRUCTED HIGH FORWARD REACH
(B)

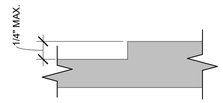


OBSTRUCTED HIGH SIDE REACH
(A)

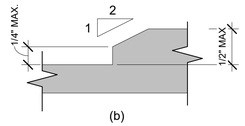


OBSTRUCTED HIGH SIDE REACH
(B)

5 OPERABLE PARTS & REACH RANGES
3/8" = 1'-0"



(a)



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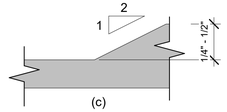
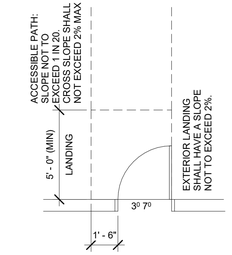
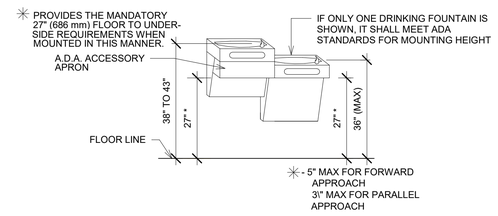


(c)

6 VERTICAL CHANGES IN LEVEL
12" = 1'-0"



7 ACCESSIBLE ENTRANCE
1/4" = 1'-0"



8 DRINKING FOUNTAIN DETAIL
1/4" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title:
CODE REQUIREMENTS

Sheet:
G102

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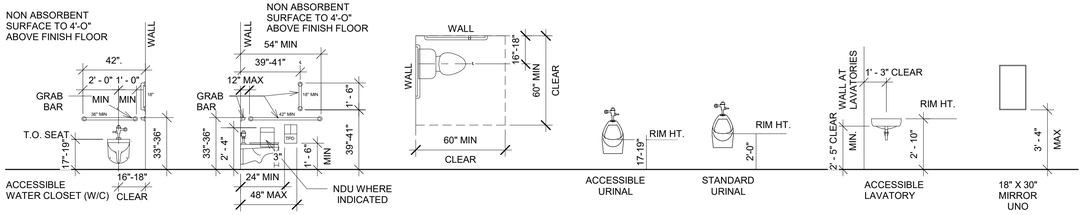
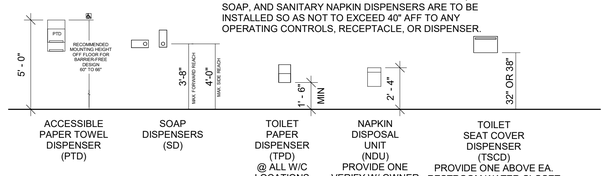




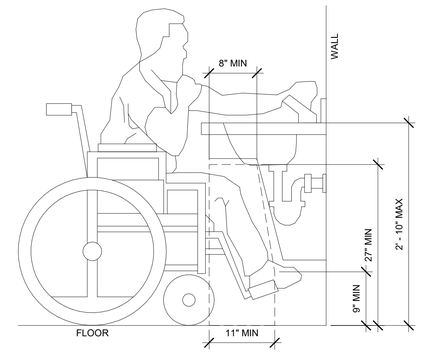
NOTE: AT RESTROOMS/TOILET ROOMS THE TOWEL, SOAP, AND SANITARY NAPKIN DISPENSERS ARE TO BE INSTALLED SO AS NOT TO EXCEED 40" AFF TO ANY OPERATING CONTROLS, RECEPTACLE, OR DISPENSER.

1. PROTECTION UNDER SINKS
606.6 EXPOSED PIPES AND SURFACES. WATER SUPPLY AND DRAINPIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.

2. FLUSH CONTROLS
604.6 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET. EXCEPTION: IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 604.9, FLUSH CONTROLS SHALL BE PERMITTED TO BE LOCATED ON EITHER SIDE OF THE WATER CLOSET.

3. TOILET PAPER DISPENSER.
604.7 DISPENSERS. TOILET PAPER DISPENSERS SHALL COMPLY WITH SECTION 309.4 AND SHALL BE 7 INCHES (180 mm) MINIMUM AND 9 INCHES (230 mm) MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 15 INCHES (380 mm) MINIMUM AND 48 INCHES (1220 mm) MAXIMUM ABOVE THE FLOOR, AND SHALL NOT BE LOCATED BEHIND THE GRAB BARS. DISPENCERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY, OR DO NOT ALLOW CONTINUOUS PAPER FLOW.

1 GENERAL- FIXTURE MOUNTING HEIGHTS
1/4" = 1'-0"



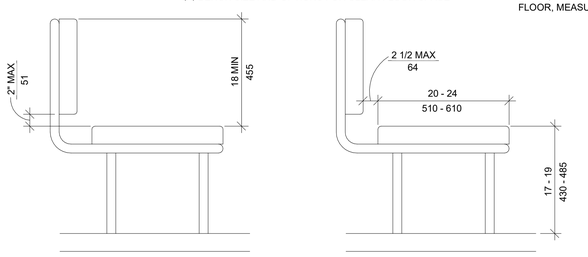
2 LAVATORY CLEARANCE
1" = 1'-0"

(A) BENCH SIZE AND OPTIONS FOR CLEAR FLOOR SPACE

903.3 SIZE.
BENCHES SHALL HAVE SEATS 42 INCHES (1065MM) MINIMUM IN LENGTH, AND 20 INCHES (510 MM) MINIMUM AND 24 INCHES (610 MM) MAXIMUM IN DEPTH.

903.4 BACK SUPPORT.
THE BENCH SHALL PROVIDE FOR BACK SUPPORT OR SHALL BE AFFIXED TO A WALL. BACK SUPPORT SHALL BE 42 INCHES (1065 MM) MINIMUM IN LENGTH AND SHALL EXTEND FROM A POINT 2 INCHES (51 MM) MAXIMUM ABOVE THE SEAT SURFACE TO A POINT 18 INCHES (455 MM) MINIMUM ABOVE THE SEAT SURFACE. BACK SUPPORT SHALL BE 2 1/2 INCHES (64 MM) MAXIMUM FROM THE REAR EDGE OF THE SEAT MEASURED HORIZONTALLY.

903.5 HEIGHT.
THE TOP OF THE BENCH SEAT SHALL BE 17 INCHES (430 MM) MINIMUM AND 19 INCHES (.485 MM) MAXIMUM ABOVE THE FLOOR, MEASURED TO THE TOP OF THE SEAT.



(B) BENCH BACK SUPPORT AND SEAT HEIGHT

3 ACCESSIBLE BENCH
1" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: CODE REQUIREMENTS

Sheet: G103

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CIVIL IMPROVEMENT DRAWINGS FOR

REMODEL FOR
THE NORTH POINT LDS CHURCH

LOCATED IN A PORTION OF

THE SW 1/4 OF THE NE 1/4 OF SECTION 6, OF T.10S, R.17E, B.M.

CITY OF TWIN FALLS, TWIN FALLS COUNTY, IDAHO

GENERAL CONSTRUCTION NOTES

1. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE WAY ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL UTILITY COMPANIES OF THE CONSTRUCTION SCHEDULE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MAY OCCUR BY FAILURE TO EXACTLY LOCATE AND PROTECT ALL UTILITIES. CALL DIGLINE INC AT 811 OR BEFORE COMMENCING UNDERGROUND WORK.
2. ALL WORK SHALL CONFORM TO THE 2020 EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) AND THE CITY OF TWIN FALLS REVISIONS TO THE 2020 IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION.
3. THE CONTRACTOR(S) SHALL REMOVE ALL OBSTRUCTIONS ABOVE AND BELOW GROUND REQUIRED FOR THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THIS WORK INCLUDES CLEARING AND GRUBBING, WHICH INCLUDES CLEARING THE GROUND SURFACE OF ALL TREES, STUMPS, BRUSH, UNDERGROWTH, HEDGES, HEAVY GROWTH OF GRASS AND/OR WEEDS, FENCES, STRUCTURES, DEBRIS, RUBBISH, AND OTHER MATERIAL NOT SUITABLE FOR THE FOUNDATION OF PAVEMENTS AND OTHER STRUCTURES. ALL MATERIAL NOT SUITABLE FOR FUTURE USE ON-SITE SHALL BE DISPOSED OF OFF-SITE AT AN APPROVED LOCATION.
4. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE DRAINAGE IMPROVEMENTS ARE IN PLACE AND APPROVED.
5. ALL CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES AND TRAFFIC CONTROL AROUND AND WITHIN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN THAT IS IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). TRAFFIC CONTROL PLANS SHALL BE SUBMITTED BY CONTRACTOR TO CITY PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY.
7. ALL MATERIALS FURNISHED ON OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCY OR AS SET FORTH WITHIN, WHICHEVER IS MOST RESTRICTIVE. PROOF THAT ALL MATERIALS USED ON THE PROJECT MEET THE REQUIREMENTS ABOVE MUST BE PROVIDED AT THE REQUEST OF THE AGENCY AND/OR THE ENGINEER.
8. ALL UNDERGROUND UTILITIES AND SERVICE LINES SHALL BE INSTALLED PRIOR TO SITE PAVING OR STREET CONSTRUCTION.
9. ALL COSTS OF RETESTING FOR PREVIOUSLY FAILED TESTS, IF REQUIRED, SHALL BE BACK CHARGED TO THE RESPONSIBLE CONTRACTOR BY THE OWNER.
10. ALL COSTS INCURRED BY THE CONTRACTOR FOR CORRECTING DEFICIENT WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WHO PERFORMED THE WORK. FAILURE TO CORRECT DEFICIENT WORK WILL BE CAUSE FOR ISSUANCE OF A STOP WORK ORDER AND POSSIBLE TERMINATION.
11. ALL WORK SUBJECT TO APPROVAL BY ANY POLITICAL AGENCY OR GOVERNING AGENCY MUST BE APPROVED PRIOR TO (I) PLACING OF CONCRETE, (II) PLACING OF AGGREGATE BASE, (III)PLACING OF ASPHALT PAVING, (IV) BACKFILLING TRENCHES. WORK PERFORMED WITHOUT SUCH APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PERFORMING THE WORK TO THE REQUIRED STANDARDS.
12. ONLY PLANS APPROVED FOR CONSTRUCTION BY THE CITY AND SIGNED BY THE ENGINEER SHALL BE USED FOR PROJECT CONSTRUCTION. THE CONTRACTOR IS TO ENSURE THAT THE LATEST REVISIONS OF CONSTRUCTION DRAWINGS ARE USED. CONTACT ENGINEER AT 208-466-8181 FOR VERIFICATION PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL HAVE THE COMPLETE SET OF APPROVED PLANS ON SITE AT ALL TIMES DURING ACTIVE CONSTRUCTION.
13. WHEN DISCREPANCIES OCCUR BETWEEN THE PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER. UNTIMELY NOTIFICATION SHALL NULLIFY ANY CONTRACTOR'S CLAIM FOR ADDITIONAL COMPENSATION.
14. CONTRACTOR SHALL REPAVE TO EXISTING GRADES ANY PAVED AREAS DISTURBED BY CONSTRUCTION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COMPACTION TESTS FOR SUBGRADE AND PAVEMENT.
16. CONTRACTOR SHALL OBTAIN ALL APPLICABLE CONSTRUCTION PERMITS.
17. TOPOGRAPHIC MAPPING OF THE CURRENT SITE CONDITIONS WAS NOT PROVIDED FOR THE DESIGN OF THESE IMPROVEMENTS.
18. THE CONTRACTOR SHALL SEE ARCHITECTURAL PLANS FOR HORIZONTAL CONTROL/DIMENSIONED SITE PLAN FOR THE PROJECT.
19. THE HORIZONTAL LOCATIONS OF EXISTING AND PROPOSED IMPROVEMENTS ARE BASED ON CAD DRAWINGS PROVIDED BY THE ARCHITECT. THESE ARE ASSUMED TO HAVE BEEN DERIVED FROM PDF COPIES OF THE ORIGINAL CONSTRUCTION DRAWINGS FOR THE CHURCH AND PARKING LOT PREPARED BY OTHERS IN 2012.
20. THE VERTICAL ELEVATIONS OF THE EXISTING AND PROPOSED IMPROVEMENTS ARE BASED ON A PDF COPY OF THE ORIGINAL CONSTRUCTION PLANS FOR THE CHURCH AND PARKING LOT PREPARED BY RMES ON 10/20/2012.
21. CAD DRAWINGS OF THESE CIVIL PLANS ARE NOT AVAILABLE FOR USE BY CONTRACTOR OR OTHERS.
22. CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF EXISTING AND PROPOSED IMPROVEMENTS. CONTACT ARCHITECT FOR ANY CONFLICT, DISCREPANCY, OR FURTHER DIRECTION AS NEEDED.
23. ALL CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES, AND SAFETY WITHIN AND AROUND THE CONSTRUCTION AREA.
24. ALL OWNERS AND CONTRACTORS INTENDING TO DISTURB ONE ACRE OR MORE OF GROUND AS PART OF CONSTRUCTION ACTIVITIES SHALL DO THE FOLLOWING:
    - A. FILE A NOTICE OF INTENT (NOI) WITH EPA'S CONSTRUCTION GENERAL PERMIT (CGP).
    - B. PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
    - C. INSTALL SIGNAGE PER THE CGP.
    - D. MAINTAIN ON-SITE COPIES OF THE NOI, CGP, AND SWPPP.
    - E. COMPLY WITH REQUIREMENTS OF CGP AND SWPPP INCLUDING DOCUMENTING THAT ALL INSPECTIONS AND MONITORING HAVE BEEN PERFORMED.
    - F. FILE A NOTICE OF TERMINATION (NOT) WHEN ON-SITE WORK IS COMPLETE AND PERMANENT EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND FUNCTIONING.

ROADWAY NOTES

THERE ARE NO PLANNED MODIFICATIONS TO THE EXISTING STREET IMPROVEMENTS ADJACENT TO THE SITE. HOWEVER, IF THE SCOPE OF WORK CHANGES, THEN THE FOLLOWING NOTES MAY APPLY:

1. ROADWAY CONSTRUCTION SHALL ADHERE TO THE STANDARDS AND SPECIFICATIONS REFERRED TO IN GENERAL CONSTRUCTION NOTE NO. 2.
2. STREET CUTS AND SURFACE REPAIRS SHALL BE COMPLETED IN ACCORDANCE WITH ISPWC AND CITY REQUIREMENTS. EXISTING ASPHALT PAVEMENT SHALL BE CUT TO A NEAT STRAIGHT LINE PARALLEL OR PERPENDICULAR TO THE STREET CENTERLINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING.
3. ALL SIDEWALKS AND ACCESSIBLE ROUTES SHALL ADHERE TO THE STANDARDS OF THE AMERICANS WITH DISABILITIES ACT (ADA).
4. TRUNCATED DOMES WITHIN PUBLIC RIGHT OF WAY SHALL BE CAST INTO CONCRETE AND SHALL BE "TRAFFIC YELLOW" IN COLOR IN ACCORDANCE WITH ISPWC REQUIREMENTS.
5. ALL EXISTING AND NEW MANHOLE RIMS, VALVE COVERS, AND OTHER STRUCTURES SHALL BE ADJUSTED TO FINAL GRADE AND FITTED WITH CONCRETE COLLARS IN ACCORDANCE WITH CITY SPECIFICATIONS.
6. ALL SIGNAGE AND STRIPING SHALL ADHERE TO ISPWC AND CITY SPECIFICATIONS, AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

WATER NOTES

THERE ARE NO PLANNED MODIFICATIONS TO THE EXISTING WATER SYSTEM SERVING THE SITE. HOWEVER, IF THE SCOPE OF WORK CHANGES, THEN THE FOLLOWING NOTES MAY APPLY:

1. CONSTRUCTION OF THE WATER SYSTEM SHALL CONFORM TO THE STANDARDS IN THE "IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08)" AS WELL AS THE STANDARDS AND SPECIFICATIONS REFERRED TO IN GENERAL CONSTRUCTION NOTE 2.
2. THE HORIZONTAL SEPARATION OF POTABLE WATER MAINS AND NON-POTABLE WATER MAINS (SANITARY SEWER, STORM DRAIN, AND IRRIGATION) SHALL BE A MINIMUM OF TEN (10) FEET. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA 58.01.16).
3. THE HORIZONTAL SEPARATION OF NON-POTABLE SERVICES AND POTABLE WATER SERVICES OR POTABLE WATER MAINS SHALL BE A MINIMUM OF SIX (6) FEET. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA 58.01.16).
4. ALL WATER WORKS COMPONENTS SHALL BE ANSI/NSF 61 CERTIFIED, AND MUST MEET ALL AWWA AND STANDARD REQUIREMENTS OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08).

SEWER NOTES

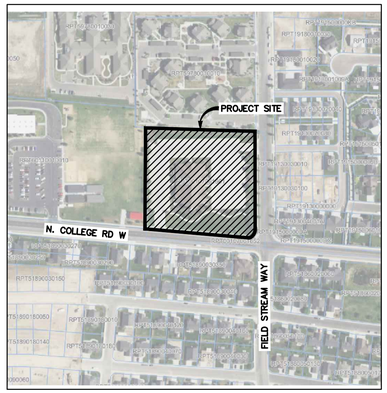
THERE ARE NO PLANNED MODIFICATIONS TO THE EXISTING SEWER SYSTEM SERVING THE SITE. HOWEVER, IF THE SCOPE OF WORK CHANGES, THEN THE FOLLOWING NOTES MAY APPLY:

1. CONSTRUCTION OF THE SEWER SYSTEM SHALL CONFORM TO THE STANDARDS IN THE WASTEWATER RULES (IDAPA 58.01.16 AS WELL AS THE STANDARDS AND SPECIFICATIONS REFERRED TO IN GENERAL CONSTRUCTION NOTE NO. 2.
2. THE HORIZONTAL SEPARATION OF POTABLE WATER MAINS AND NON-POTABLE WATER MAINS (SANITARY SEWER, STORM DRAIN, AND IRRIGATION) SHALL BE A MINIMUM OF TEN (10) FEET. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA 58.01.16).
3. THE HORIZONTAL SEPARATION OF NON-POTABLE SERVICES AND POTABLE WATER SERVICES OR POTABLE WATER MAINS SHALL BE A MINIMUM OF SIX (6) FEET. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA 58.01.16).

811 Know what's **below.** **Call** before you dig.

STORM DRAIN NOTES

1. STORMWATER RUNOFF FOR THE PROPERTY WILL CONTINUE TO BE MANAGED IN THE EXISTING UNDERGROUND STORAGE FACILITY (SEEPAGE BED WITH STORMTECH CHAMBERS) LOCATED IN THE NORTH PORTION OF THE PROPERTY.



VICINITY MAP
1134 N. COLLEGE RD W., TWIN FALLS, IDAHO
N.T.S.

SITE INFORMATION

PROJECT:	REMODEL FOR THE NORTH POINT LDS CHURCH
ADDRESS:	1134 N. COLLEGE RD W. TWIN FALLS, IDAHO 83301
PARCEL NO:	RPT00107061661
LEGAL:	LOCATED IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 6, OF T.10S, R.17E, B.M. CITY OF TWIN FALLS, TWIN FALLS COUNTY, IDAHO

ENGINEER OF RECORD INFORMATION

ASPEN ENGINEERS, CHARTERED
1619 N. LINDER RD, SUITE 110
KUNA, IDAHO 83634

CONTACT:
LANCE WARNICK, PE
208-466-8181
lance@AspenEngineers.com

CIVIL DRAWING INDEX

LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		LOT LINE
		CENTERLINE
		SECTION LINE
		EASEMENT
EP	EP	EDGE OF PAVEMENT
EG	EG	EDGE OF GRAVEL
GAS	G	UNDERGROUND GAS LINE
W	W	WATER LINE
WS	WS	WATER SERVICE LINE
S	S	SEWER MAIN LINE
SS	SS	SEWER SERVICE LINE
SD	SD	STORM DRAIN LINE
OHP	OHP	OVERHEAD POWER
UP	UP	UNDERGROUND POWER
UT	UT	UNDERGROUND TELEPHONE
		FLOW LINE
GB	GB	GRADE BREAK
GC	GC	GRADE CHANGE
TB	TB	TOP OF BANK
TOE	TOE	TOE OF SLOPE
PI	PI	PRESSURE IRRIGATION LINE
IRR	IRR	GRAVITY IRRIGATION LINE
		CHAIN LINK FENCE
		WOOD FENCE
		VINYL FENCE
		WIRE FENCE
2601		CONTOUR
SSMH		SEWER MANHOLE
		WATER BIBB/FAUCET
		SEWER SERVICE MARKER
		CLEANOUT
		FIRE HYDRANT
		WATER WELL
		WATER METER
MV		WATER SERVICE
		WATER VALVE
		BLOW-OFF ASSEMBLY & VAULT
		TEMPORARY BLOW-OFF
		PRESSURE IRRIGATION DRAIN
		PIPE END CAP
		PIPE ADAPTER
		FITTINGS W/THRUST BLOCK
		STORM MANHOLE
		STORM DRAIN CATCH BASIN
		STORM DRAIN DROP INLET
		SAND AND GREASE TRAP
PIV		AIR RELEASE VALVE
IRR		IRRIGATION BOX
		IRRIGATION MANHOLE
		UTILITY POLE
		POLE ANCHOR
		ELECTRICAL BOX
		LIGHT POLE
		TELEPHONE RISER
		GAS METER/MARKER
		GAS RISER
		CABLE TV RISER
		MAILBOX
		SIGN
		BARRICADE
		DECIDUOUS/CONIFER TREE
	1	LOT NUMBER
		DETAIL NUMBER SHEET NUMBER
	0.40%	GRADE & DIRECTION OF FLOW

NOTE: THIS IS A TYPICAL LINE AND SYMBOL LEGEND AND MAY NOT APPLY TO ALL PROJECTS.

ABBREVIATIONS

AC	ASPHALT ELEVATION	H	HEIGHT	ROW	RIGHT-OF-WAY
BFF	BELOW FINISH FIOOR	IE	INVERT ELEVATION	SDR	STD DIMENSION RATIO
BGS	BELOW GROUND SURFACE	L	LENGTH	STA	STATION
BOW	BACK OF WALK	LF	LINEAR FEET	STD	STANDARD
CB	CATCH BASIN	LIP	LIP OF GUTTER	TB	THRUST BLOCK
CF	CUBIC FEET	MDD	MODIFIED DRY DENSITY	TBC	TOP BACK ROLLED CURB
CON	CONCRETE ELEVATION	ME	MATCH EXISTING	TBM	TEMPORARY BENCHMARK
CFS	CUBIC FEET PER SECOND	MIN	MINIMUM	TBVC	TOP BACK VERTICAL CURB
DIA	DIAMETER	MJ	MECHANICAL JOINT	TOC	TOP OF CURB
EG	EXISTING GRADE	NTS	NOT TO SCALE	TOG	TOP OF GRATE
EP	EDGE OF PAVEMENT	PC	POINT OF CURVATURE	TOW	TOP OF WALK
FL	FLOW LINE	PRC	POINT OF REVERSE CURV	TYP	TYPICAL
FLG	FLANGE	PT	POINT OF TANGENCY	U.N.O.	UNLESS OTHERWISE NOTED
GB	GRADE BREAK	PUE	PUBLIC UTILITY EASEMENT	W	WIDTH
GC	GRADE CHANGE	PVI	POINT OF VERTICAL INTER	WALL	TOP OF RETAINING WALL
GWT	GROUNDWATER TABLE	R	RADIUS		

ASPEN ENGINEERS
1619 N. Linder Rd, Suite 110 · Kuna, Idaho 83634
Phone: 208-466-8181 · AspenEngineers.com

ASPEN JOB: 24023

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
1343RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp: NORTHWEST PROFESSIONAL ENGINEERS — LANCE STEPHEN WARNICK — 10977 — STATE OF IDAHO — 08/29/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description
A	07-31-24	Review
B	08-29-24	Modified Titleblock

Project Number: 24001
Plan Series:
Property Number:

Sheet Title: CIVIL NOTES AND LEGEND

Sheet: C1.1
1 of 4

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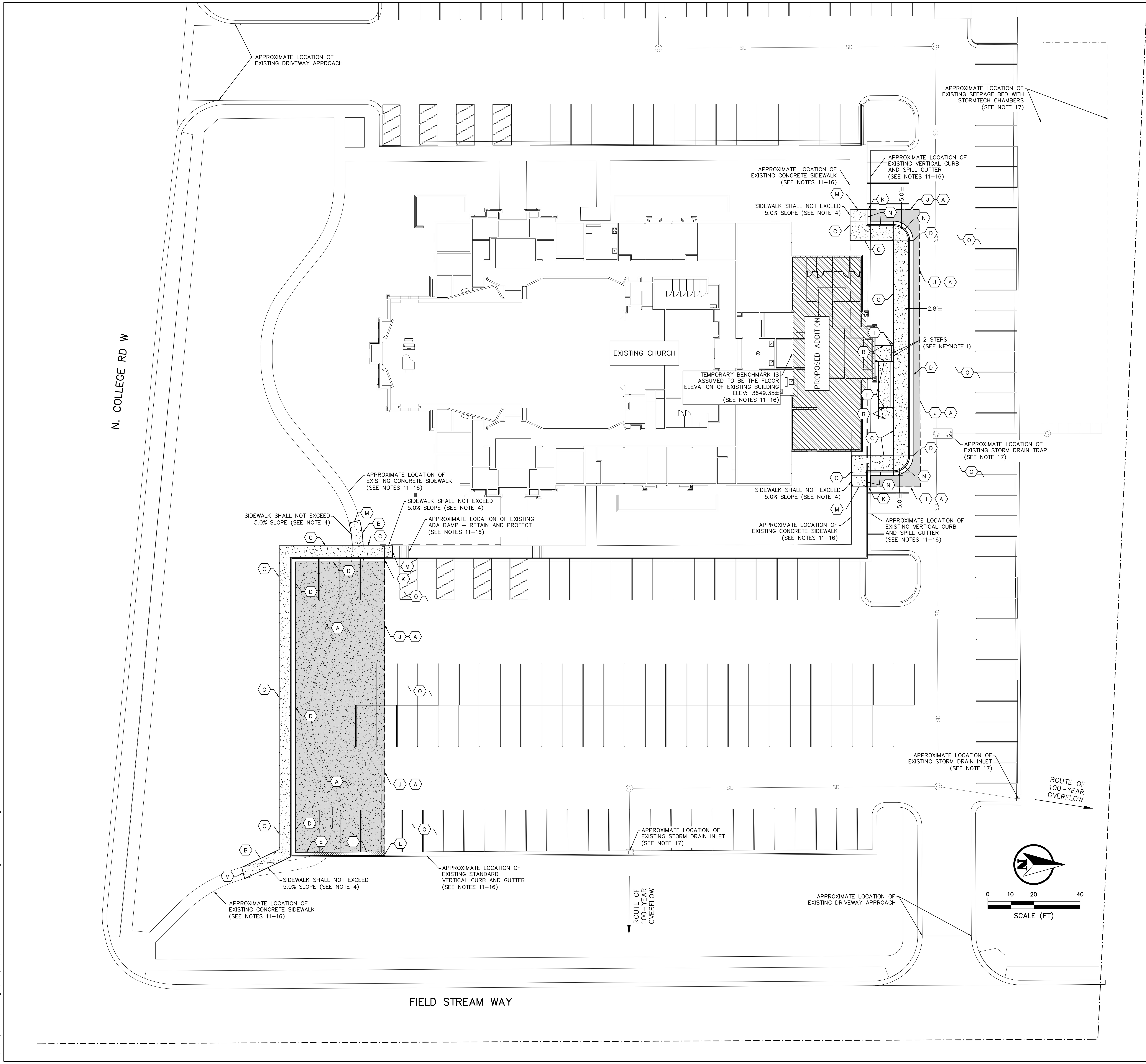


NOTES

1. SEE SHEET C1.1 FOR ADDITIONAL NOTES AND LEGEND.
2. CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS DURING CONSTRUCTION. ANY MONUMENT DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED BY A PROFESSIONAL LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
3. COORDINATE WITH LANDSCAPERS AND LANDSCAPE PLAN FOR LOCATION OF SLEEVES FOR ONSITE PRESSURE IRRIGATION DISTRIBUTION SYSTEM. CONTRACTOR SHALL INSTALL SLEEVES PRIOR TO PAVING AND CONCRETE.
4. ADA ACCESSIBLE SIDEWALKS SHALL NOT EXCEED 2.0% CROSS-SLOPE OR 5.0% GRADE IN ACCORDANCE TO ADA AND ANSI STANDARDS. CONTRACTOR SHALL FIELD VERIFY SLOPE PRIOR TO PLACING CONCRETE OR PAVING.
5. ADA RAMPS SHALL NOT EXCEED 1:12 (8.33%) SLOPE AND SHALL BE SIZED BY THE CONTRACTOR TO MEET ADA AND ANSI STANDARDS (E.G., 2.0% MAX LANDING AND 4.0' MIN. WIDTH).
6. ADA ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2.0% SLOPE IN ANY DIRECTION AND BE IN ACCORDANCE TO ADA AND ANSI STANDARDS. CONTRACTOR SHALL FIELD VERIFY SLOPE PRIOR TO PLACING PAVING.
7. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO RELOCATE AND/OR RECONSTRUCT EXISTING UNDERGROUND UTILITY LINES THAT CONFLICT HORIZONTALLY AND/OR VERTICALLY WITH THE PROPOSED SITE AND STREET IMPROVEMENTS. COSTS FOR UTILITY RELOCATION AND/OR RECONSTRUCTION SHALL BE DONE AT THE EXPENSE OF THE CONTRACTOR.
8. SEE ARCHITECTURAL PLANS FOR SITE DEMOLITION PLAN.
9. REMOVE AND DISPOSE (OR RELOCATE) SITE FEATURES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS.
10. ABANDONED BUILDINGS, TEST PITS, STORM DRAINS, WATERWAYS OR ANY OTHER DISTURBED EXCAVATIONS LOCATED WITHIN THE PROPOSED BUILDING FOOTPRINT OR PARKING LOT SHALL BE RE-EXCAVATED TO NATIVE SOIL AND BACKFILLED WITH STRUCTURAL FILL PER ISPWC SPECIFICATIONS. CONTRACTOR SHALL PROVIDE SOILS DATA TO VERIFY NATIVE MATERIAL OR ANY SOURCE USED FOR BACKFILL MEETS THE REQUIREMENTS OF ENGINEERED FILL PER ISPWC AND PROVIDE A COPY OF ALL COMPACTION TESTS TO THE CITY, UPON REQUEST.
11. TOPOGRAPHIC MAPPING OF THE CURRENT SITE CONDITIONS WAS NOT PROVIDED FOR THE DESIGN OF THESE IMPROVEMENTS (SEE NOTES 12-16).
12. THE CONTRACTOR SHALL SEE ARCHITECTURAL PLANS FOR HORIZONTAL CONTROL/DIMENSIONED SITE PLAN FOR THE PROJECT.
13. THE HORIZONTAL LOCATIONS OF EXISTING AND PROPOSED IMPROVEMENTS ARE BASED ON CAD DRAWINGS PROVIDED BY THE ARCHITECT. THESE ARE ASSUMED TO HAVE BEEN DERIVED FROM PDF COPIES OF THE ORIGINAL CONSTRUCTION DRAWINGS FOR THE CHURCH AND PARKING LOT PREPARED BY OTHERS IN 2012 (SEE NOTES 11, 12, AND 16).
14. THE VERTICAL ELEVATIONS OF THE EXISTING AND PROPOSED IMPROVEMENTS ARE BASED ON A PDF COPY OF THE ORIGINAL CONSTRUCTION PLANS FOR THE CHURCH AND PARKING LOT PREPARED BY RMES ON 10/20/2012 (SEE NOTES 11, 15, AND 16).
15. CAD DRAWINGS OF THESE CIVIL PLANS ARE NOT AVAILABLE FOR USE BY CONTRACTOR OR OTHERS (SEE NOTES 11 AND 14).
16. CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF EXISTING AND PROPOSED IMPROVEMENTS. CONTACT ARCHITECT FOR ANY CONFLICT, DISCREPANCY, OR FURTHER DIRECTION AS NEEDED.
17. STORMWATER RUNOFF FOR THE PROPERTY WILL CONTINUE TO BE MANAGED IN THE EXISTING UNDERGROUND STORAGE FACILITY (SEEPAGE BED WITH STORMTECH CHAMBERS) LOCATED IN THE NORTH PORTION OF THE PROPERTY.
18. SEE SHEET C5.1 FOR SITE GRADING PLAN.
19. SEE SHEET C6.1 FOR SITE GRADING DETAILS.

SITE KEYNOTES

A. CONCRETE PAVING (SEE DETAIL A/C6.1). SAWCUT CONTROL JOINTS IN CONCRETE A MINIMUM OF 12' ON CENTER AND SEAL WITH SILICONE CAULK IN ACCORDANCE WITH ISPWC SD-714B, TYP.
B. CONCRETE SIDEWALK (SEE DETAIL B/C6.1), TYP.
C. CONCRETE SIDEWALK CONSTRUCTED ADJACENT TO CURB (SEE DETAIL C/C6.1), TYP.
D. 6" VERTICAL CURB AND SPILL GUTTER (SEE DETAIL D/C6.1), TYP.
E. STANDARD 6" VERTICAL CURB AND GUTTER (SEE DETAIL E/C6.1), TYP.
F. CONCRETE SIDEWALK WITH THICKENED EDGE (SEE DETAIL F/C6.1), TYP.
G. RESERVED (KEYNOTE NOT CURRENTLY USED).
H. RESERVED (KEYNOTE NOT CURRENTLY USED).
I. 2 CONCRETE STEPS PER ISPWC SD-713 (SEE SHEET C5.1 FOR ELEVATION).
J. SAWCUT, REMOVE AND DISPOSE EXISTING CONCRETE PAVING AS NEEDED FOR CONSTRUCTION AND GRADING. PROVIDE AND INSTALL DOWELS TO CONNECT PROPOSED CONCRETE TO EXISTING. PROVIDE EXPANSION JOINT AND MATCH ELEVATION OF PROPOSED CONCRETE PAVING TO EXISTING, TYP.
K. SAWCUT, REMOVE AND DISPOSE EXISTING VERTICAL CURB AND SPILL GUTTER AS NEEDED FOR CONSTRUCTION AND GRADING. PROVIDE AND INSTALL DOWELS TO CONNECT PROPOSED CONCRETE TO EXISTING. PROVIDE EXPANSION JOINT AND MATCH ELEVATION OF PROPOSED VERTICAL CURB AND SPILL GUTTER TO EXISTING, TYP.
L. SAWCUT, REMOVE AND DISPOSE EXISTING STANDARD VERTICAL CURB AND GUTTER AS NEEDED FOR CONSTRUCTION AND GRADING. PROVIDE AND INSTALL DOWELS TO CONNECT PROPOSED CONCRETE TO EXISTING. PROVIDE EXPANSION JOINT AND MATCH ELEVATION OF PROPOSED STANDARD VERTICAL CURB AND GUTTER TO EXISTING, TYP.
M. SAWCUT, REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK AT NEAREST CONTROL JOINT AS NEEDED FOR CONSTRUCTION AND GRADING. PROVIDE AND INSTALL DOWELS TO CONNECT PROPOSED CONCRETE TO EXISTING. PROVIDE EXPANSION JOINT AND MATCH ELEVATION OF PROPOSED CONCRETE SIDEWALK TO EXISTING, TYP.
N. ADJUST HEIGHT OF VERTICAL CURB AS NEEDED TO MATCH ELEVATIONS SHOWN ON SHEET C5.1, TYP.
O. RETAIN AND PROTECT EXISTING CONCRETE PAVING, TYP.

ASPEN ENGINEERS
1619 N. Linder Rd, Suite 110 · Kuna, Idaho 83634
Phone: 208-466-8181 · AspenEngineers.com

ASPEN JOB: 24023

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
10077
LANCE WARNICK
08/23/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W. Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description
A	07-31-24	Review
B	08-23-24	Modified Titleblock

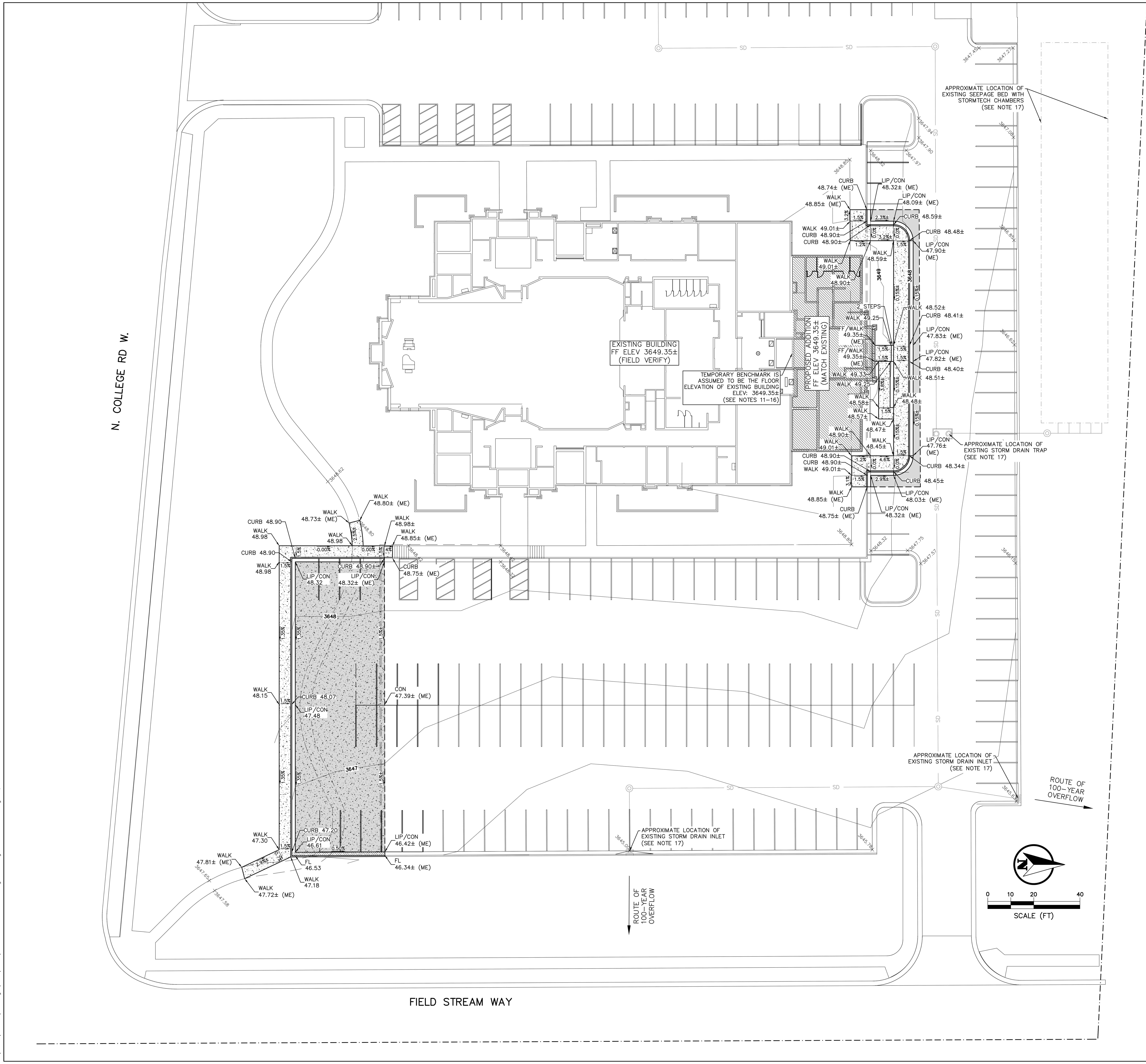
Project Number: 24001
Plan Series:
Property Number:

Sheet Title: CIVIL SITE PLAN

Sheet: C4.1

2 of 4

P:\2024\24023\Drawings\Civil\RevB\24023_C4.1 Civil Site Plan.dwg – Lance – Aug 23, 2024 – 9:12am



NOTES

1. SEE SHEET C1.1 FOR ADDITIONAL NOTES AND LEGEND.
2. CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS DURING CONSTRUCTION. ANY MONUMENT DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED BY A PROFESSIONAL LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
3. COORDINATE WITH LANDSCAPERS AND LANDSCAPE PLAN FOR LOCATION OF SLEEVES FOR ONSITE PRESSURE IRRIGATION DISTRIBUTION SYSTEM. CONTRACTOR SHALL INSTALL SLEEVES PRIOR TO PAVING AND CONCRETE.
4. ADA ACCESSIBLE SIDEWALKS SHALL NOT EXCEED 2.0% CROSS–SLOPE OR 5.0% GRADE IN ACCORDANCE TO ADA AND ANSI STANDARDS. CONTRACTOR SHALL FIELD VERIFY SLOPE PRIOR TO PLACING CONCRETE OR PAVING.
5. ADA RAMPS SHALL NOT EXCEED 1:12 (8.33%) SLOPE AND SHALL BE SIZED BY THE CONTRACTOR TO MEET ADA AND ANSI STANDARDS (E.G., 2.0% MAX LANDING AND 4.0' MIN. WIDTH).
6. ADA ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2.0% SLOPE IN ANY DIRECTION AND BE IN ACCORDANCE TO ADA AND ANSI STANDARDS. CONTRACTOR SHALL FIELD VERIFY SLOPE PRIOR TO PLACING PAVING.
7. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO RELOCATE AND/OR RECONSTRUCT EXISTING UNDERGROUND UTILITY LINES THAT CONFLICT HORIZONTALLY AND/OR VERTICALLY WITH THE PROPOSED SITE AND STREET IMPROVEMENTS. COSTS FOR UTILITY RELOCATION AND/OR RECONSTRUCTION SHALL BE DONE AT THE EXPENSE OF THE CONTRACTOR.
8. SEE ARCHITECTURAL PLANS FOR SITE DEMOLITION PLAN.
9. REMOVE AND DISPOSE (OR RELOCATE) SITE FEATURES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS.
10. ABANDONED BUILDINGS, TEST PITS, STORM DRAINS, WATERWAYS OR ANY OTHER DISTURBED EXCAVATIONS LOCATED WITHIN THE PROPOSED BUILDING FOOTPRINT OR PARKING LOT SHALL BE RE–EXCAVATED TO NATIVE SOIL AND BACKFILLED WITH STRUCTURAL FILL PER ISPWC SPECIFICATIONS. CONTRACTOR SHALL PROVIDE SOILS DATA TO VERIFY NATIVE MATERIAL OR ANY SOURCE USED FOR BACKFILL MEETS THE REQUIREMENTS OF ENGINEERED FILL PER ISPWC AND PROVIDE A COPY OF ALL COMPACTION TESTS TO THE CITY, UPON REQUEST.
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14. THE VERTICAL ELEVATIONS OF THE EXISTING AND PROPOSED IMPROVEMENTS ARE BASED ON A PDF COPY OF THE ORIGINAL CONSTRUCTION PLANS FOR THE CHURCH AND PARKING LOT PREPARED BY RMES ON 10/20/2012 (SEE NOTES 11, 15, AND 16).
15. CAD DRAWINGS OF THESE CIVIL PLANS ARE NOT AVAILABLE FOR USE BY CONTRACTOR OR OTHERS (SEE NOTES 11 AND 14).
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18. SEE SHEET C4.1 FOR CIVIL SITE PLAN.
19. SEE SHEET C6.1 FOR SITE GRADING DETAILS.
20. ADD 3600' TO TRUNCATED SITE ELEVATIONS TO CONVERT TO THE PROJECT DATUM.

SITE KEYNOTES

SEE SHEET C4.1 FOR KEYNOTES FOR SITE IMPROVEMENTS.

ASPEN ENGINEERS
1619 N. Linder Rd, Suite 110 · Kuna, Idaho 83634
Phone: 208-466-8181 · AspenEngineers.com

ASPEN JOB: 24023

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:

THE NORTH POINT LDS CHURCH
1134 N College Rd W. Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description
A	07-31-24	Review
B	08-23-24	Modified Titleblock

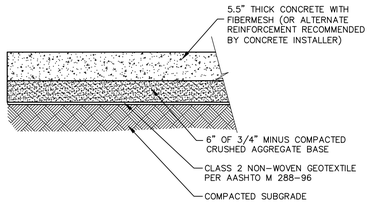
Project Number: 24001
Plan Series:
Property Number:

Sheet Title: SITE GRADING PLAN

Sheet: C5.1

NOTES

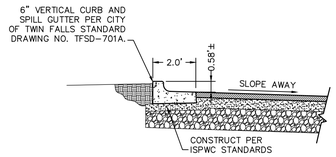
1. THESE DETAILS APPLY ONLY TO THE ON-SITE IMPROVEMENTS ON THE PROPERTY AND DO NOT APPLY TO IMPROVEMENTS IN THE PUBLIC RIGHT-OF-WAY.
2. SUBGRADE IN PAVED AREAS SHALL COMPACTED TO AT LEAST 95% MDD, OR PROOF ROLLED TO THE SATISFACTION OF THE 3RD PARTY GEOTECHNICAL TESTING FIRM HIRED BY THE CONTRACTOR TO DEMONSTRATE COMPLIANCE WITH ISPWC REQUIREMENTS.
3. SUB-BASE AREAS SHALL BE COMPACTED TO AT LEAST 95% MDD. CONTRACTOR SHALL HIRE A 3RD PARTY GEOTECHNICAL TESTING FIRM TO DEMONSTRATE COMPLIANCE WITH COMPACTION REQUIREMENTS AND TESTING FREQUENCY PER ISPWC 801.
4. 3/4" MINUS GRAVEL BASE SHALL BE COMPACTED TO AT LEAST 95% MDD. CONTRACTOR SHALL HIRE A 3RD PARTY GEOTECHNICAL TESTING FIRM TO DEMONSTRATE COMPLIANCE WITH COMPACTION REQUIREMENTS AND TESTING FREQUENCY PER ISPWC 802.



NOTES:

1. SEE ISPWC SD-714 FOR MORE INFORMATION.
2. CONCRETE PAVING SHALL BE 5,000 PSI PORTLAND CEMENT CONCRETE PER ISPWC 703.
3. 3/4" MINUS BASE SHALL BE TYPE I CRUSHED AGGREGATE BASE PER ISPWC 802.2.2.
4. SAWCUT CONTROL JOINTS IN CONCRETE PAVING A MINIMUM OF 12' ON CENTER AND SEAL WITH SILICONE CAULK IN ACCORDANCE WITH ISPWC SD-714B.
5. CONSTRUCT EXPANSION JOINT IN CONCRETE PAVING A MINIMUM OF 40' ON CENTER WITH PREFORMED EXPANSION JOINT FILLER IN ACCORDANCE WITH ISPWC SD-709.
6. CONSTRUCT EXPANSION JOINT BETWEEN: CONCRETE PAVING / CONCRETE CURB AND GUTTER WITH PREFORMED EXPANSION JOINT FILLER IN ACCORDANCE WITH ISPWC SD-709.
7. SEE GEOTECHNICAL REPORT PREPARED BY TERRACON (PROJECT NO 62235124) AND DATED FEB 20, 2024 FOR SUBGRADE PREPARATION, SITE PREPARATION, EXCAVATION, STRUCTURAL FILL AND PAVEMENT RECOMMENDATIONS.

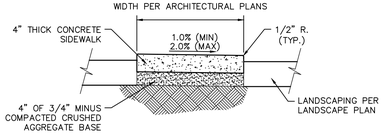
CONCRETE PAVING SECTION (A / C6.1)
SCALE: N.T.S.



NOTES:

1. SEE CITY OF TWIN FALLS STANDARD DRAWING NO. TFSD-701A FOR MORE INFORMATION.
2. CONCRETE SHALL BE 4,000 PSI PORTLAND CEMENT CONCRETE PER ISPWC 703.
3. SCORE CURB AT MAXIMUM INTERVAL OF 5'.
4. BACKFILL PER ISPWC 706.

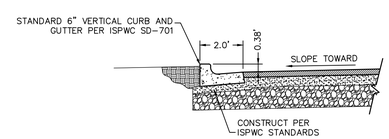
6" VERTICAL CURB AND SPILL GUTTER SECTION (D / C6.1)
SCALE: N.T.S.



NOTES:

1. SEE ISPWC SD-709 FOR MORE INFORMATION.
2. CONCRETE SHALL BE 4,000 PSI PORTLAND CEMENT CONCRETE PER ISPWC 703.
3. 3/4" MINUS BASE SHALL BE TYPE I CRUSHED AGGREGATE BASE PER ISPWC 802.2.2.
4. SCORE AT INTERVALS TO MATCH WIDTH OF WALK, BUT DO NOT EXCEED 5' SPACING.
5. SIDEWALK CROSS-SLOPE SHALL BE TARGETED TO BE 1.1% TO 1.8% AND NO GREATER THAN 2.0% TO COMPLY WITH ADA STANDARDS. ADA DOES NOT ALLOW TOLERANCES IN EXCESS OF THIS STANDARD

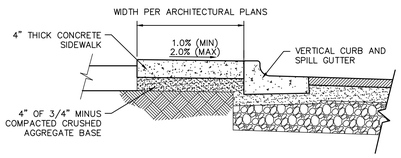
CONCRETE SIDEWALK SECTION (B / C6.1)
SCALE: N.T.S.



NOTES:

1. SEE ISPWC SD-701 FOR MORE INFORMATION.
2. CONCRETE SHALL BE 4,000 PSI PORTLAND CEMENT CONCRETE PER ISPWC 703.
3. SCORE CURB AT MAXIMUM INTERVAL OF 5'.
4. BACKFILL PER ISPWC 706.

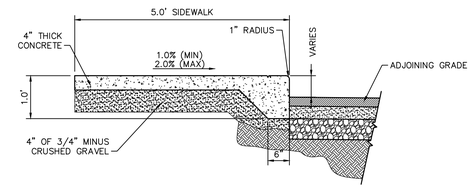
STANDARD 6" VERTICAL CURB AND GUTTER SECTION (E / C6.1)
SCALE: N.T.S.



NOTES:

1. SEE ISPWC SD-709 FOR MORE INFORMATION.
2. SIDEWALK SHALL BE 4,000 PSI PORTLAND CEMENT CONCRETE.
3. 3/4" MINUS BASE SHALL BE TYPE I CRUSHED AGGREGATE BASE PER ISPWC 802.2.2.
4. SCORE AT INTERVALS TO MATCH WIDTH OF WALK, BUT DO NOT EXCEED 5' SPACING.
5. SIDEWALK CROSS-SLOPE SHALL BE TARGETED TO BE 1.1% TO 1.8% AND NO GREATER THAN 2.0% TO COMPLY WITH ADA STANDARDS. ADA DOES NOT ALLOW TOLERANCES IN EXCESS OF THIS STANDARD

CONCRETE SIDEWALK ADJACENT TO VERTICAL CURB AND SPILL GUTTER SECTION (C / C6.1)
SCALE: N.T.S.



NOTES:

1. SEE ISPWC SD-709 FOR MORE INFORMATION.
2. CONCRETE SHALL BE 4,000 PSI PORTLAND CEMENT CONCRETE PER ISPWC 703.
3. 3/4" MINUS BASE SHALL BE TYPE I CRUSHED AGGREGATE BASE PER ISPWC 802.2.2.
4. SCORE AT INTERVALS TO MATCH WIDTH OF WALK, BUT DO NOT EXCEED 5' SPACING.
5. SIDEWALK CROSS-SLOPE SHALL BE TARGETED TO BE 1.1% TO 1.8% AND NO GREATER THAN 2.00% TO COMPLY WITH ADA STANDARDS. ADA DOES NOT ALLOW TOLERANCES IN EXCESS OF THIS STANDARD.

SIDEWALK WITH THICKENED EDGE SECTION (F / C6.1)
SCALE: N.T.S.

ASPEN ENGINEERS
1619 N. Linder Rd, Suite 110 · Kuna, Idaho 83634
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ASPEN JOB: 24023

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
1343 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp: PROFESSIONAL ENGINEER — 10977 — 08/20/2024 — STATE OF IDAHO — LANCE WARREN

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description
A	07-31-24	Review
B	08-23-24	Modified Titleblock

Project Number: 24001
Plan Series:
Property Number:

Sheet Title: SITE GRADING DETAILS

Sheet: C6.1
4 of 4

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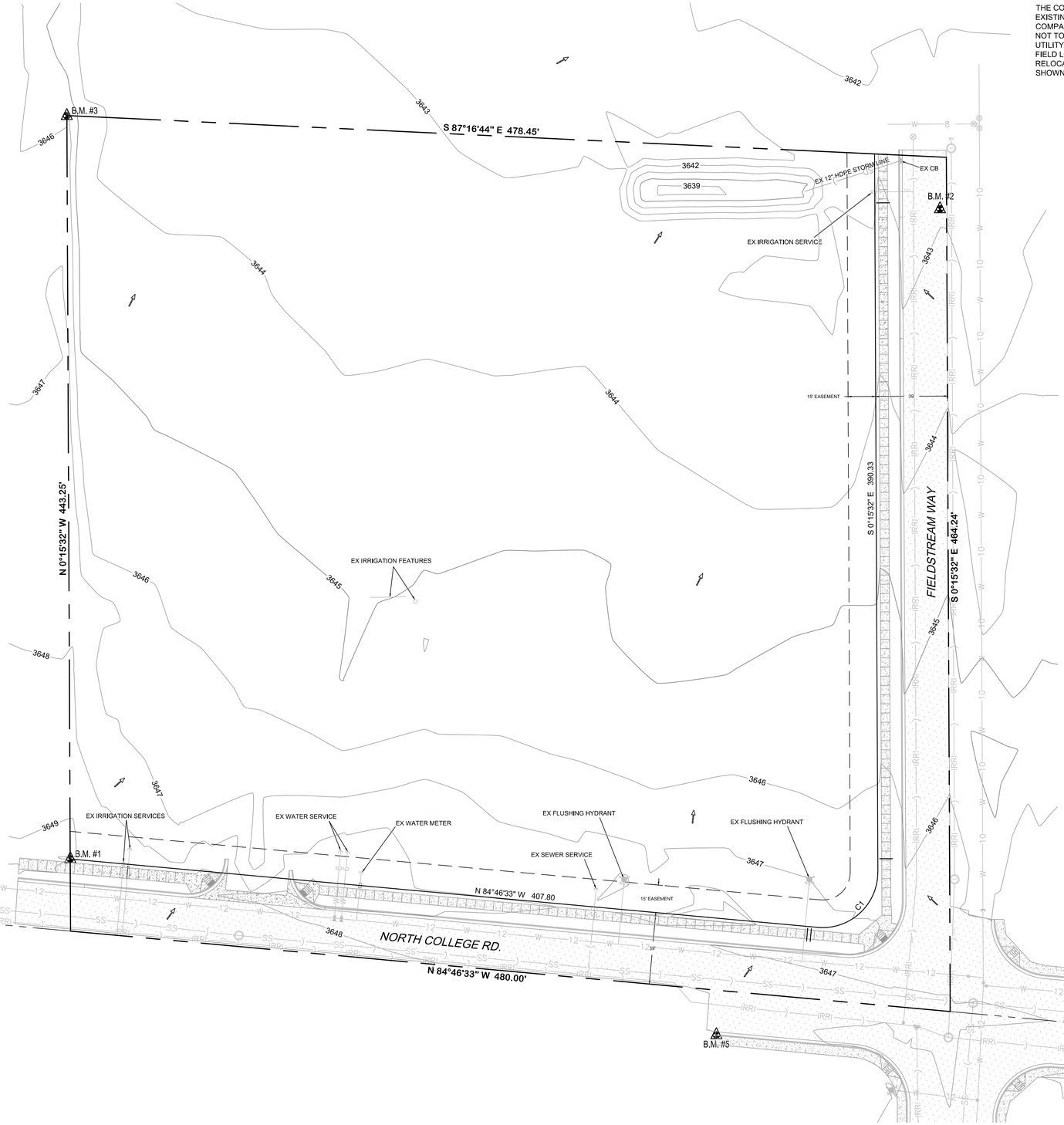
GRAPHIC SCALE

-30 0 15 30

(IN FEET)

1 inch = 30 ft.

CONTOURS @ 1' INTERVALS



!!CAUTION!! NOTICE THE CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS AND VERITY INVERTS PRIOR TO CONSTRUCTION.

LEGEND

EXISTING STORM WATER FLOW LINES

BASIS OF BEARING

PER CENTRAL MERIDIAN OF CENTRAL ZONE OF IDAHO STATE PLANE 1983 COORDINATE SYSTEM. GPS OBSERVATION COMBINATION FACTOR OF 1.0002031327

BENCH MARKS

BM	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	335284,57	1504138,49	3648,964	⅝" REBAR W/ CAP LS 1000
2	335634,19	1504610,79	3642,933	PK NAIL W/ WASHER
3	335688,67	1504136,67	3646,24	⅝" REBAR W/ CAP LS 1000
4	335127,99	1505422,93	3646,40	⅝" REBAR W/ CAP LS 908
5	335188,92	1504489,37	3647,68	PK NAIL IN TOP OF CURB

811 Know what's below. Call before you dig.

CONST. STANDARDS

CONSTRUCTION ON THIS PROJECT SHALL BE GOVERNED BY THESE PLANS, ISPWC 2012, AND THE CHURCH OF LATTER DAY SAINTS STANDARDS AND SPECIFICATIONS. IF A CONFLICT OCCURS BETWEEN THESE DOCUMENTS, THE MOST "STRINGENT" REQUIREMENT, AS DETERMINED BY THE ENGINEER, SHALL BE DEEMED TO GOVERN

JAMES K. LYSTRUP ARCHITECT
1133 Call Creek Ste C
Pocatello, Idaho 83201
Phone (208) 406-3153

PROFESSIONAL ENGINEER REGISTERED 8613 10/26/17 STATE OF IDAHO J. MITCHELL GREER

NORTH POINT
NEW HERITAGE 09T

NORTH COLLEGE AVE
TWIN FALLS, IDAHO

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

RMES Project Number: 12026

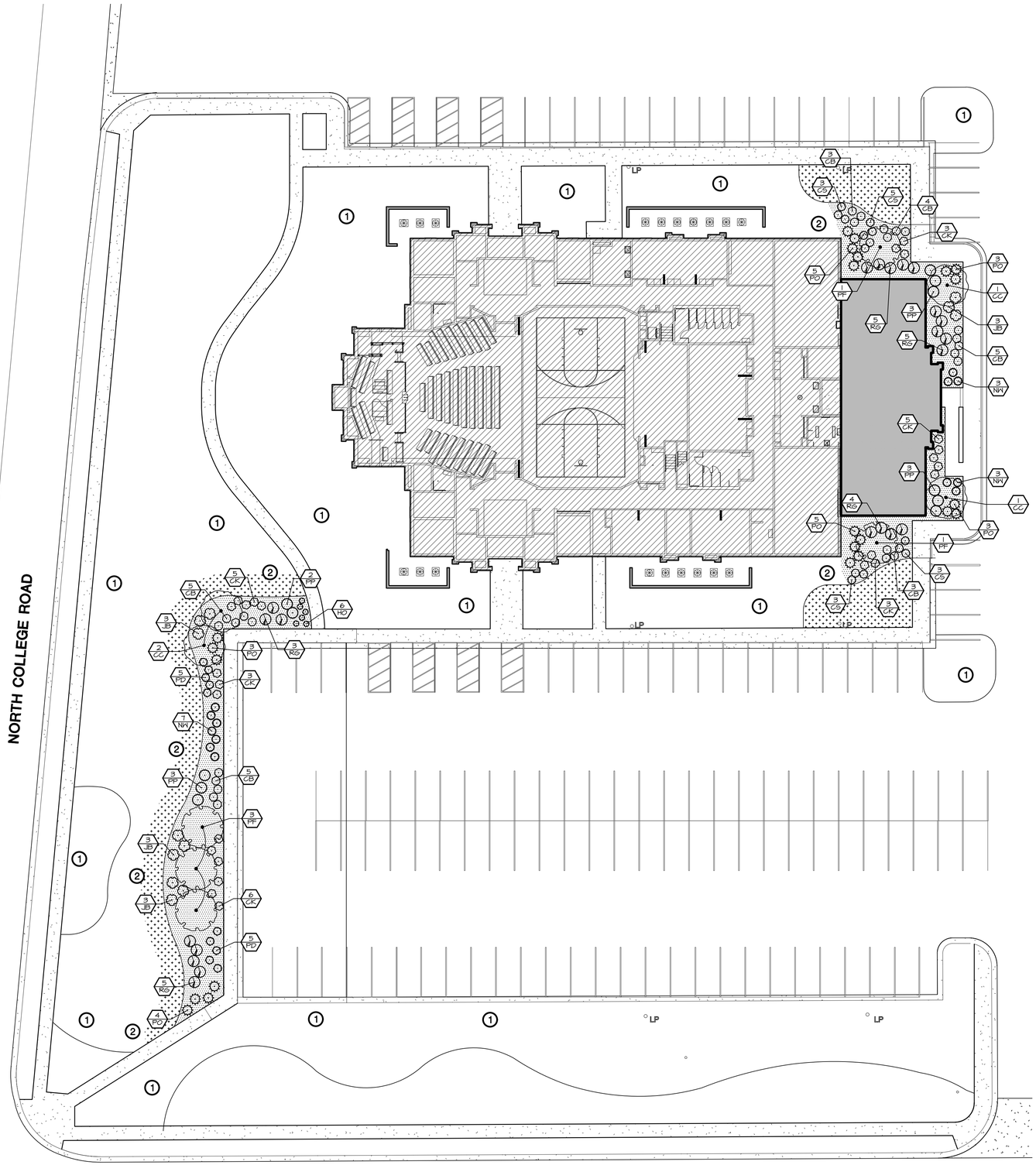
Plan Series: HER-09T-MH-AS-01

Property Number: 537-9850

Sheet Title: SITE SURVEY

Sheet: SD1.1

RMES™ Rocky Mountain Engineering & Surveying
2043 E. Center St. ◆ Pocatello, ID 83201
VOICE: (208) 234-0110 ◆ FAX: (208) 234-0111 ◆ WEB: www.RMES.biz



LANDSCAPE PLAN

30 0 30 60 90

SCALE: 1"= 30'-0"

LANDSCAPE LEGEND

- PLANTS TO BE INSTALLED
- VERTICAL CURBING LOCATION
- CURB AND GUTTER LOCATION
- SCORE JOINT (TYPICAL)
- EXPANSION JOINT (TYPICAL)
- ACCESSIBLE RAMP LOCATION WITH DETECTABLE WARNING SURFACE
- NEW CONCRETE FLATWORK
- 10 JB — QUANTITY / PLANT IDENTIFICATION KEY
- TURF SOD OVER APPROVED TOPSOIL AS SPECIFIED
- 1" PERMA-BARK AT 3" DEPTH OVER DEWITT 5 PRO WEED BARRIER FABRIC AND TOPSOIL AS SPECIFIED OR APPROVED EQUAL
- EXISTING BUILDING
- PROPOSED BUILDING ADDITION

CALLOUT LEGEND

1. SAVE AND PROTECT EXISTING LANDSCAPE
2. PATCH BACK TO MATCH EXISTING

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES						
	CC	4	Cotinus coggygria	Smoke Tree	15 Gallon	1 Ring 0.4 GPH emitter @ 18" oc
	PF	5	Pinus flexilis 'Vanderwolf's Pyramid'	Vanderwolf's Pyramid Limber Pine	7'-8'Ht. B&B	2 Ring 0.4 GPH emitter @ 18" oc
SHRUBS						
	CK	25	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	5 gal.	1 GPH Emmiter
	CB	25	Caryopteris x clandonensis 'Blue Mist'	Blue Mist Bluebeard	5 gal.	2 GPH Emmiter
	CS	14	Cornus sericea 'Kelseyi'	Kelsey's Dwarf Red Twig Dogwood	5 gal.	2 GPH Emmiter
	HD	6	Hemerocallis x 'Stella de Oro'	Stella de Oro Daylily	1 gal.	1 GPH Emmiter
	JB	12	Juniperus horizontalis 'Blue Chip'	Blue Chip Creeping Juniper	1 gal.	1 GPH Emmiter
	NW	13	Nepeta x faassenii 'Walker's Low'	Walker's Low Catmint	1 gal.	1 GPH Emmiter
	PP	11	Pinus mugo 'Pumilio'	Dwarf Mugo Pine	5 gal.	2 GPH Emmiter
	PD	10	Potentilla fruticosa 'Gold Drop'	Gold Drop Bush Cinquefoil	5 gal.	1 GPH Emmiter
	PD	23	Prunus laurocerasus 'Otto Luyken'	Otto Luyken English Laurel	5 gal.	2 GPH Emitter
	RG	22	Ribes alpinum 'Green Mound'	Green Mound Alpine Currant	5 gal.	2 GPH Emitter

Architect / Engineer:

Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:

STATE OF IDAHO — JEFF FRITZ BRICKEY — LA-16536 — 8/2/2024 — LICENSED LANDSCAPE ARCHITECT

The North Point LDS Church
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: REMODEL LANDSCAPE PLAN

Sheet: **L1.0**

LANDSCAPE NOTES:

1. CONTRACTOR SHALL REPORT TO DESIGN PROFESSIONAL ALL CONDITIONS WHICH IMPAIR AND/OR PREVENT THE PROPER EXECUTION OF THIS WORK, PRIOR TO BEGINNING WORK.
2. NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT THE DESIGN PROFESSIONAL'S PRIOR WRITTEN APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CAN NOT BE OBTAINED.
3. COORDINATE ALL WORK WITH ALL OTHER SITE RELATED DEVELOPMENT DRAWINGS.
4. COORDINATE WORK SCHEDULE AND OBSERVATIONS WITH DESIGN PROFESSIONAL PRIOR TO CONSTRUCTION START-UP.
5. ALL PLANT MATERIAL SHALL BE INSTALLED AS PER DETAILS.
6. ALL PLANT MATERIAL SHALL CONFORM TO THE AMERICAN NURSERYMAN STANDARDS FOR TYPE AND SIZE SHOWN. PLANTS WILL BE REJECTED IF NOT IN A SOUND AND HEALTHY CONDITION.
7. IN THE EVENT OF A PLANT COUNT DISCREPANCY, PLANT SYMBOLS SHALL OVERRIDE SCHEDULE QUANTITIES AND CALL OUT SYMBOL NUMBERS.
8. ALL PLANTING BEDS SHALL BE COVERED WITH A MINIMUM OF 3" DEPTH OF 1" MINUS PERMA-BARK OVER WEED BARRIER FABRIC. SUBMIT SAMPLE FOR APPROVAL.
9. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BEGINNING AT THE DATE OF ACCEPTANCE BY THE OWNER. REPLACE ALL PLANT MATERIAL FOUND DEAD OR NOT IN A HEALTHY CONDITION IMMEDIATELY WITH THE SAME SIZE AND SPECIES AT NO COST TO THE OWNER.
10. FINISH GRADES SHALL PROVIDE A SMOOTH TRANSITION WITH ADJACENT SURFACES AND ENSURE POSITIVE DRAINAGE IN ACCORDANCE WITH THE SITE GRADING PLAN.
11. AMEND EXISTING APPROVED TOPSOIL AT A RATIO OF THREE CUBIC YARDS OF APPROVED COMPOST PER 1000 SQUARE FEET. ROTO-TILL ORGANIC MATTER A MINIMUM OF 6 INCHES INTO TOPSOIL.
12. FERTILIZE ALL TREES AND SHRUBS WITH 'AGRIFORM' PLANTING TABLETS. QUANTITY PER MANUFACTURER'S RECOMMENDATIONS.
13. ALL PLANTING BEDS SHALL HAVE A MINIMUM 18" DEPTH OF TOPSOIL. LAWN AREAS SHALL HAVE A MINIMUM 12" DEPTH OF TOPSOIL. SPREAD, COMPACT, AND FINE GRADE TOPSOIL TO A SMOOTH AND UNIFORM GRADE 3" BELOW ADJACENT SURFACES OF PLANTER BED AREAS, 1-1/2" BELOW ADJACENT SURFACES OF TURF SOD AREAS, AND 1" BELOW ADJACENT SURFACES OF TURF SEED AREAS.
14. REUSE EXISTING TOPSOIL STOCKPILED ON THE SITE. SUPPLEMENT WITH IMPORTED TOPSOIL WHEN QUANTITIES ARE INSUFFICIENT. VERIFY SUITABILITY AND CONDITION OF TOPSOIL AS A GROWING MEDIUM. PERFORM SOIL TEST/ ANALYSIS AND PROVIDE ADDITIONAL AMENDMENT AS DETERMINED BY SOIL TESTS. TOPSOIL SHALL BE A LOOSE, FRIABLE, SANDY LOAM, CLEAN AND FREE OF TOXIC MATERIALS, NOXIOUS WEEDS, WEED SEEDS, ROCKS, GRASS OR OTHER FOREIGN MATERIAL AND A HAVE A PH OF 5.5 TO 7.0. IF ONSITE TOPSOIL DOES NOT MEET THESE MINIMUM STANDARDS, CONTRACTOR IS RESPONSIBLE TO EITHER:
    A) PROVIDE APPROVED IMPORTED TOPSOIL, OR
    B) IMPROVE ON-SITE TOPSOIL WITH METHODS APPROVED BY THE DESIGN PROFESSIONAL.
15. IF IMPORTED TOPSOIL FROM OFF-SITE SOURCES IS REQUIRED, ENSURE IT IS FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS, STONES LARGER THAN 2 INCHES IN ANY DIMENSION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.
    A) OBTAIN TOPSOIL FROM LOCAL SOURCES OR FROM AREAS HAVING SIMILAR SOIL CHARACTERISTICS TO THOSE FOUND ON THE PROJECT SITE. OBTAIN TOPSOIL ONLY FROM NATURALLY, WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT A DEPTH OF NOT LESS THAN 4 INCHES.
    B) REPRESENTATIVE SAMPLES SHALL BE TESTED FOR ACIDITY, FERTILITY, TOXICITY, AND GENERAL TEXTURE BY A RECOGNIZED COMMERCIAL OR GOVERNMENT AGENCY AND COPIES OF THE TESTING AGENCY'S FINDINGS AND RECOMMENDATIONS SHALL BE FURNISHED TO THE OWNER'S REPRESENTATIVE BY THE CONTRACTOR. NO TOPSOIL SHALL BE DELIVERED IN A FROZEN OR MUDDY CONDITION. ACIDITY/ALKALINITY RANGE - PH. 5.5 TO 7.0.
16. IMMEDIATELY CLEAN UP ANY TOPSOIL OR OTHER DEBRIS ON THE SITE CREATED FROM LANDSCAPE OPERATIONS AND DISPOSE OF PROPERLY OFF SITE.
17. TREES SHALL NOT BE PLANTED WITHIN THE 10'-0" CLEAR ZONE OF ALL A.C.H.D. STORM DRAIN PIPE, STRUCTURES, OR FACILITIES. TREES SHALL NOT BE PLANTED WITHIN 5'-0" OF AN A.C.H.D. SIDEWALK.
18. ANY PERENNIAL TREES OR PLANTS THAT WILL EXTEND ROOTS DEEPER THAN 18" SHALL BE PROHIBITED OVER ACHD UNDERGROUND SEEPAGE BEDS, INFILTRATION FACILITIES OR PIPING SYSTEMS.
19. SEEPAGE BEDS AND OTHER STORM DRAINAGE FACILITIES MUST BE PROTECTED FROM ANY AND ALL CONTAMINATION DURING THE CONSTRUCTION AND INSTALLATION OF THE LANDSCAPE IRRIGATION SYSTEM.
20. IN THE EVENT OF A DISCREPANCY, NOTIFY THE DESIGN PROFESSIONAL IMMEDIATELY.

TOPSOIL NOTES

1. TOPSOIL REQUIREMENTS: ASTM D 5268, PH RANGE OF 5.5 TO 7.0, FOUR PERCENT ORGANIC MATERIAL MINIMUM, FREE OF STONES 1/2 INCH OR LARGER IN ANY DIMENSION, AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH.
2. TOPSOIL SOURCE: STRIP EXISTING TOPSOIL FROM ALL AREAS OF THE SITE TO BE DISTURBED. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS, ORGANIC MATTER LARGER THAN 2 INCHES IN ANY DIMENSION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. TOPSOIL SHALL BE SCREENED TO ACHIEVE THIS REQUIREMENT.
3. REPRESENTATIVE SAMPLES SHALL BE TESTED FOR ACIDITY, FERTILITY AND GENERAL TEXTURE BY A RECOGNIZED COMMERCIAL OR GOVERNMENT AGENCY AND COPIES OF THE TESTING AGENCY'S FINDINGS AND RECOMMENDATIONS SHALL BE FURNISHED TO THE ARCHITECT'S REPRESENTATIVE BY THE CONTRACTOR. ALL TOPSOIL SHALL BE AMENDED TO ACHIEVE SPECIFIED PH AND ORGANIC REQUIREMENTS. RE-TEST TOPSOIL PRIOR TO FINAL COMPLETION TO ENSURE REQUIREMENTS HAVE BEEN MET. NO TOPSOIL SHALL BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION.
4. PLACE TOPSOIL IN AREAS WHERE REQUIRED TO OBTAIN THICKNESS AS SCHEDULED. PLACE TOPSOIL DURING DRY WEATHER. PROVIDE ADDITIONAL IMPORTED TOPSOIL REQUIRED TO BRING SURFACE TO PROPOSED FINISH GRADE, AS REQUIRED.
5. COMPACTED TOPSOIL THICKNESS AT THE FOLLOWING AREAS:
    A. LAWN AREAS: 12 INCHES MINIMUM OR AS NECESSARY TO ACHIEVE EVEN GRADES WITH SURROUNDING LAWN AREAS.
    B. PLANTER BEDS: 18 INCHES MINIMUM
6. FINE GRADE TOPSOIL TO SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORMLY FINE TEXTURE. REMOVE RIDGES AND FILL DEPRESSIONS, AS REQUIRED TO MEET FINISH GRADES. FINISH GRADE OF TOPSOIL SHALL BE 2" BELOW FINISH GRADE OF PAVEMENTS AREAS FOR SOD AND 1" FOR SEED.
7. TOPSOIL STOCKPILE LOCATIONS TO BE COVERED COORDINATE WITH EROSION AND SEDIMENT CONTROL PLAN.
8. ALL GRAVEL, SUBBASE, AND OTHER IMPORTED FILL MATERIALS OTHER THAN TOPSOIL SHALL ONLY BE STOCKPILED IN PROPOSED IMPERVIOUS AREAS. NO GRAVEL OR ROCK MATERIALS SHALL BE STOCKPILED OR TEMPORARILY PLACED IN PROPOSED LANDSCAPE AREAS TO PREVENT LANDSCAPE AREAS FROM BEING CONTAMINATED WITH ROCK MATERIALS. CONTRACTOR SHALL SUBMIT A DETAILED STOCKPILE PLAN TO DESIGN PROFESSIONAL AND OWNER FOR APPROVAL PRIOR TO ANY EARTHWORK OPERATIONS.

LANDSCAPE AREA PREPARATION NOTES:

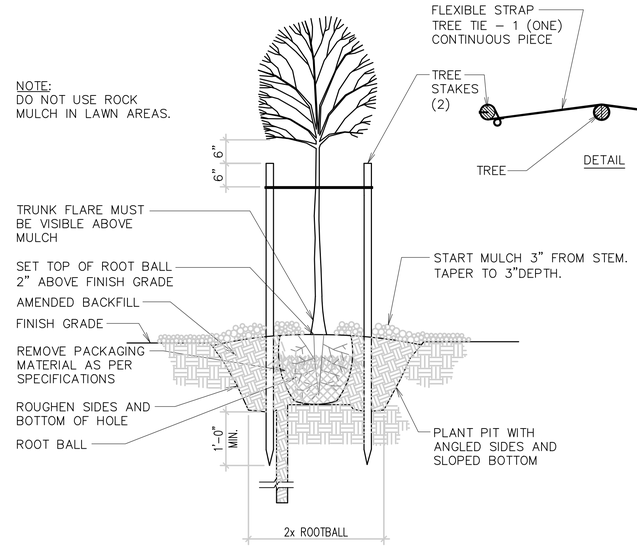
1. LIMIT TURF SUBGRADE PREPARATION TO AREAS TO BE PLANTED.
2. NEWLY GRADED SUBGRADES: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.
    A. SPREAD PLANTING SOIL TO A DEPTH OF 12 INCHES IN TURF AREAS AND 18 INCHES AT SHRUB BED AREAS BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER LIGHT ROLLING AND NATURAL SETTLEMENT. DO NOT SPREAD IF PLANTING SOIL OR SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET.
    B. SPREAD PLANTING SOIL OVER LOOSENED SUBGRADE.
    C. REDUCE ELEVATION OF PLANTING SOIL TO ALLOW FOR SOIL THICKNESS OF SOD OR SEED.
3. UNCHANGED SUBGRADES: IF TURF IS TO BE PLANTED IN AREAS UNALTERED OR UNDISTURBED BY EXCAVATING, GRADING, OR SURFACE-SOIL STRIPPING OPERATIONS, PREPARE SURFACE SOIL AS FOLLOWS:
    A. REMOVE EXISTING GRASS, VEGETATION, AND TURF. DO NOT MIX INTO SURFACE SOIL.
    B. LOOSEN SURFACE SOIL TO A DEPTH OF AT LEAST 6 INCHES. PROVIDE WEED ABATEMENT PROCEDURE.
    C. APPLY SOIL AMENDMENTS AND FERTILIZERS ACCORDING TO PLANTING SOIL MIX PROPORTIONS AND MIX THOROUGHLY INTO TOP 6 INCHES OF SOIL. TILL SOIL TO A HOMOGENEOUS MIXTURE OF FINE TEXTURE.
    D. APPLY SOIL AMENDMENTS DIRECTLY TO SURFACE SOIL BEFORE LOOSENING.
    E. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, TRASH, AND OTHER EXTRANEOUS MATTER.
    F. LEGALLY DISPOSE OF WASTE MATERIAL, INCLUDING GRASS, VEGETATION, AND TURF, OFF OWNER'S PROPERTY.
4. FINISH GRADING: GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS 1/2 INCH OF FINISH ELEVATION. ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES. LIMIT FINISH GRADING TO AREAS THAT CAN BE PLANTED IN THE IMMEDIATE FUTURE.
5. MOISTEN PREPARED AREA BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.
6. BEFORE PLANTING, OBTAIN DESIGN PROFESSIONAL'S ACCEPTANCE OF FINISH GRADING; RESTORE PLANTING AREAS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING.
7. DO NOT SOW IMMEDIATELY FOLLOWING RAIN, OR WHEN GROUND IS TOO DRY. TEMPERATURE SHALL BE BETWEEN 55 F AND 95 F FOR A 24 HOUR PERIOD. WIND SHALL BE LESS THAN 5 MPH.

TURF AREA PREPARATION NOTES:

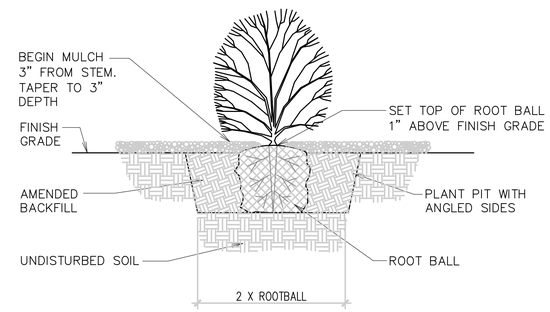
1. LIMIT TURF SUBGRADE PREPARATION TO AREAS TO BE PLANTED.
2. NEWLY GRADED SUBGRADES: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.
3. SPREAD PLANTING SOIL OVER LOOSENED SUBGRADE.
4. REDUCE ELEVATION OF PLANTING SOIL TO ALLOW FOR SOIL THICKNESS OF SOD.
5. UNCHANGED SUBGRADES: IF TURF IS TO BE PLANTED IN AREAS UNALTERED OR UNDISTURBED BY EXCAVATING, GRADING, OR SURFACE-SOIL STRIPPING OPERATIONS, PREPARE SURFACE SOIL AS FOLLOWS:
    A. REMOVE EXISTING GRASS, VEGETATION, AND TURF. DO NOT MIX INTO SURFACE SOIL.
    B. LOOSEN SURFACE SOIL TO A DEPTH OF AT LEAST 6 INCHES. APPLY SOIL AMENDMENTS AND FERTILIZERS ACCORDING TO PLANTING SOIL MIX PROPORTIONS AND MIX THOROUGHLY INTO TOP 6 INCHES OF SOIL. TILL SOIL TO A HOMOGENEOUS MIXTURE OF FINE TEXTURE.
6. APPLY SOIL AMENDMENTS DIRECTLY TO SURFACE SOIL BEFORE LOOSENING.
    A. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, TRASH, AND OTHER EXTRANEOUS MATTER.
    B. LEGALLY DISPOSE OF WASTE MATERIAL, INCLUDING GRASS, VEGETATION, AND TURF, OFF OWNER'S PROPERTY.
7. FINISH GRADING: GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS 1/2 INCH OF FINISH ELEVATION. ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES. LIMIT FINISH GRADING TO AREAS THAT CAN BE PLANTED IN THE IMMEDIATE FUTURE.
8. MOISTEN PREPARED AREA BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.
9. BEFORE PLANTING, OBTAIN DESIGN PROFESSIONAL'S ACCEPTANCE OF FINISH GRADING; RESTORE PLANTING AREAS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING.

WEED ABATEMENT NOTES:

1. ALL AREAS TO BE PLANTED OR HYDROSEEDED SHALL HAVE WEED ABATEMENT OPERATIONS PERFORMED ON THEM PRIOR TO PLANTING OR HYDROSEEDING.
2. CONTRACTOR SHALL SPRAY ALL EXPOSED WEEDS WITH "ROUND-UP" (CONTACT HERBICIDE) OR APPROVED EQUAL.
3. DO NOT WATER FOR AT LEAST SEVEN (7) DAYS. REMOVE EXPOSED WEEDS FROM THE SITE.
4. CONTRACTOR SHALL OPERATE THE AUTOMATIC IRRIGATION SYSTEM FOR A PERIOD OF FOURTEEN (14) DAYS. AT CONCLUSION OF THIS WATERING PERIOD, DISCONTINUE WATERING FOR THREE TO FIVE (3-5) DAYS.
5. APPLY SECOND APPLICATION OF "ROUND-UP" TO ALL EXPOSED WEEDS. APPLY IN STRICT CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS. DO NOT WATER FOR AT LEAST SEVEN (7) DAYS. REMOVE WEEDS FROM THE SITE.
6. IF ANY EVIDENCE OF WEED GERMINATION EXISTS AFTER TWO (2) APPLICATIONS, CONTRACTOR SHALL BE DIRECTED TO PERFORM A THIRD APPLICATION.
7. AT THE TIME OF PLANTING AND HYDROSEEDING, ALL PLANTING AREAS SHALL BE WEED FREE.



A TREE PLANTING AND STAKING
NOT TO SCALE



B SHRUB PLANTING DETAIL
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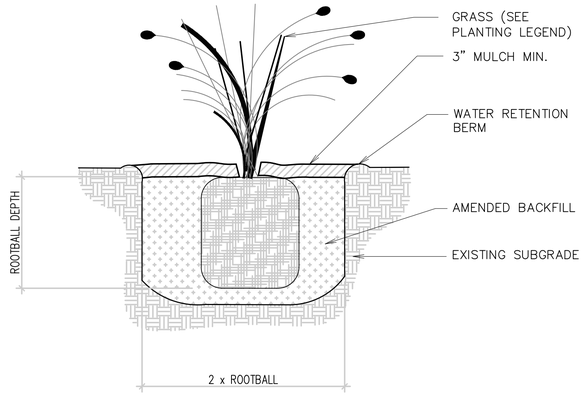

C ORNAMENTAL GRASSES PLANTING
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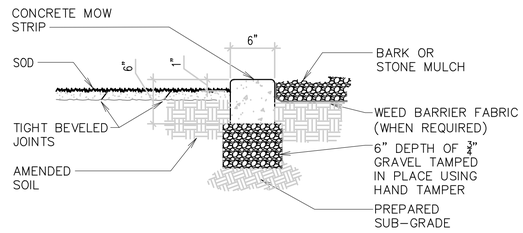
NOTES:
1. MOW STRIP TO BE 4,500 PSI CONCRETE WITH 6% AIR ± 1 1/2.
2. INSTALL EXPANSION AND CONTROL JOINTS AS PER SPECIFICATIONS.
3. PROVIDE POSITIVE DRAINAGE AROUND MOW STRIPS. DO NOT CREATE A DAM EFFECT WITH PLACEMENT OF MOW STRIP.
4. MAXIMUM 1/2" WIDTH VARIATION.
5. FOLLOW LAYOUT PLAN PRECISELY AS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



D CONCRETE MOW STRIP
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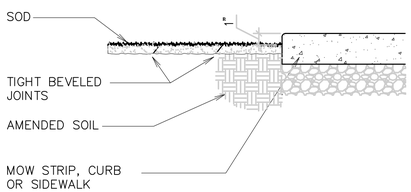


E SOD INSTALLATION
NOT TO SCALE

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
STATE OF IDAHO
JEFFRITZ BRICKEY
Jon Brickey
LA-16536
8/2/2024
REGISTERED LANDSCAPE ARCHITECT

The North Point LDS Church
1134 N College Rd W, Twin Falls, ID 83301

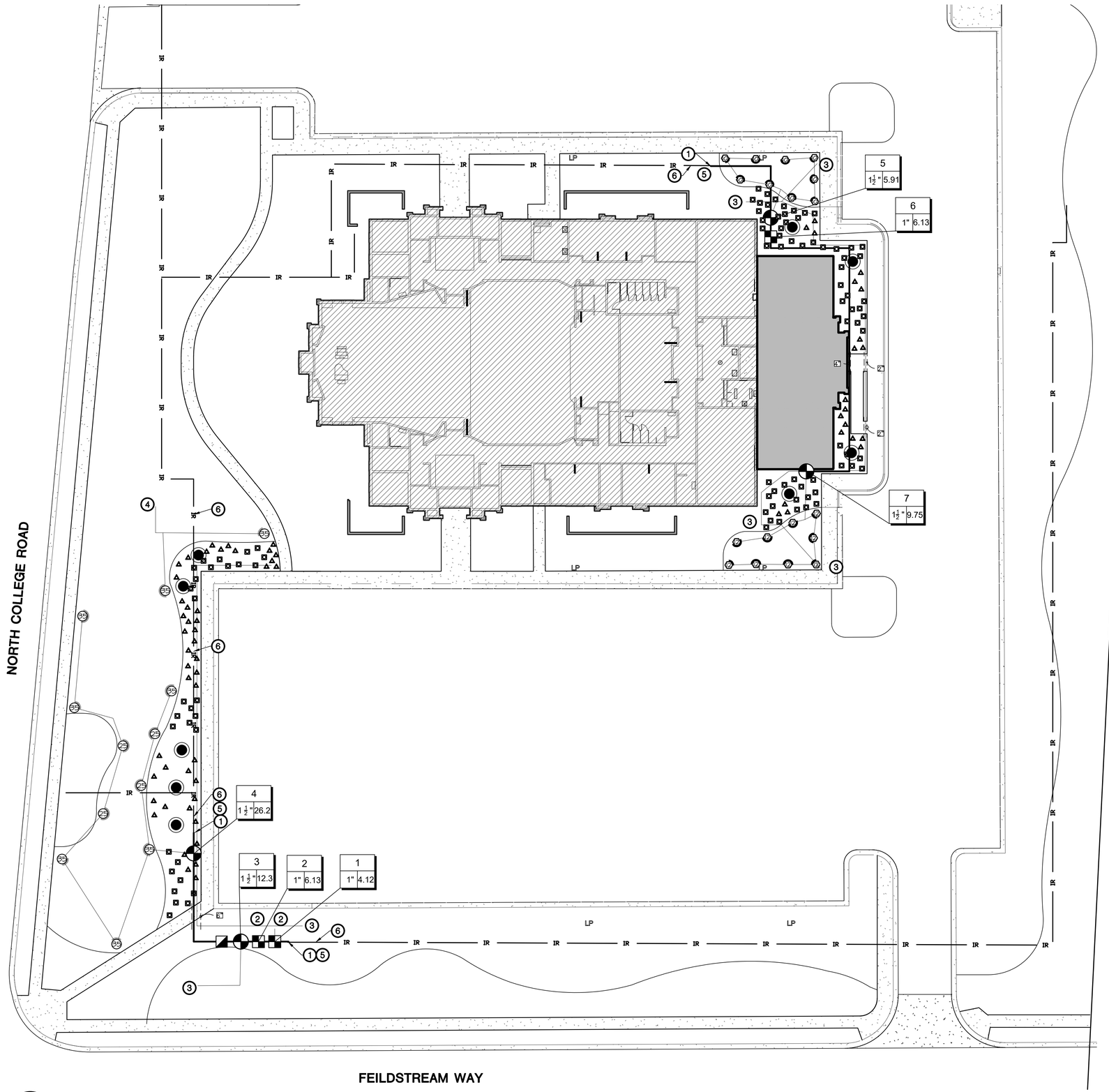
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title:
REMODEL LANDSCAPE DETAILS

Sheet:
L1.5



IRRIGATION PLAN

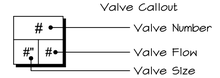
20 0 20 40 60

SCALE: 1"= 20'-0"

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
Q T H TQ P	Rain Bird 1806–SAM–PRS 10 Series MPR Turf Spray 6.0in. Pop–Up Sprinkler with Co–Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal–A–Matic Check Valve, and Pressure Regulating.
Q T H TQ P	Rain Bird 1806–SAM–PRS 12 Series MPR Turf Spray 6.0in. Pop–Up Sprinkler with Co–Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal–A–Matic Check Valve, and Pressure Regulating.
25	Rain Bird 5004–PC–SAM–MPR 25 Turf Rotor, 4in. Pop–Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal–A–Matic Check Valve.
30	Rain Bird 5004–PC–SAM–MPR 30 Turf Rotor, 4in. Pop–Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal–A–Matic Check Valve.
35	Rain Bird 5004–PC–SAM–MPR 35 Turf Rotor, 4in. Pop–Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal–A–Matic Check Valve.
	Rain Bird XCZ–100–PRB–COM Wide Flow Drip Control Kit for Commercial Applications. 1in. Ball Valve with 1in. PESB Valve and 1in. Pressure Regulating 40psi Quick–Check Basket Filter. 5 GPM–20 GPM.
1.0 2.0	Rain Bird XBT–PC Single Outlet, Pressure Compensating Drip Emitters. Flow rates of 0.5 GPH=blue, 1.0 GPH=black, and 2.0 GPH=red. Comes with a 1/2in. FPT inlet x barb outlet.
	Rain Bird PEB 1in., 1–1/2in., 2in., 3in. Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration.
	Rain Bird 44–LRC 1in. Brass Quick–Coupling Valve, with Corrosion–Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, and 2–Piece Body.
	Inline drip tree ring. See plant schedule for type.
	Irrigation Lateral Line: PVC Schedule 40 Only lateral transition pipe sizes 1" and above are indicated on the plan, with all others being 3/4".
	Irrigation Mainline: 2" PVC Schedule 40
	Irrigation Sleeving: See plans for sizing
IR	Existing Irrigation Mainline to remain

Valve Callout



CALLOUT LEGEND

1. Connect new 2" mainline to existing mainline in this approximate location. Contractor to field verify location and size. Provide a water tight and fully functional connection.
2. Reconnect existing lateral to new valve and insure that all heads on existing lateral line are operational. Provide a water tight and fully functional connection.
3. Connect new lateral line to existing lateral line in this approximate location. Insure that all heads on existing lateral line are operational. Provide a water tight and fully functional connection.
4. Connect new lateral line to existing sprinkler head in this approximate location. Insure that all heads on existing lateral line are operational. Provide a water tight and fully functional connection.
5. Splice existing control wires at new mainline intersection and connect to new control valve on new mainline as required. Locate all splices in 10" round valve box with black lid. All other wires are to remain untouched.
6. Save and protect existing mainline and adjacent lateral lines.

Architect / Engineer:

Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:

The North Point
LDS Church
1134 N College Rd W, Twin Falls, ID 83301

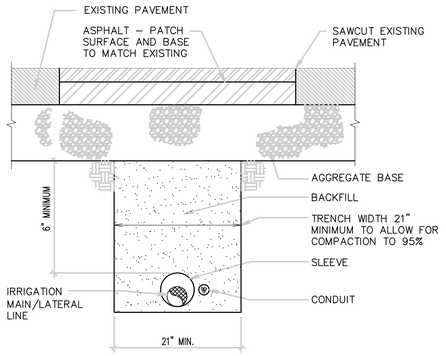
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: REMODEL IRRIGATION PLAN

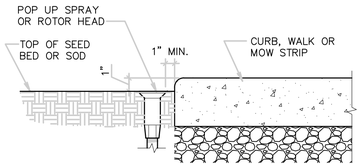
Sheet: **L2.0**



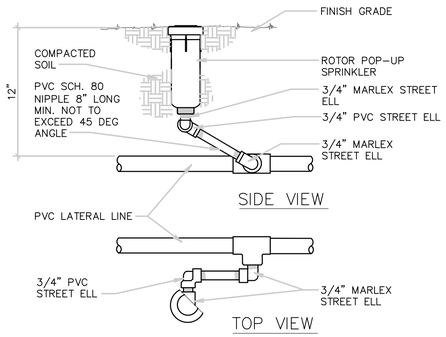
A MISC. PIPE TRENCH DETAIL EXIST. PAVEMENT AREAS
NO SCALE

IRRIGATION NOTES

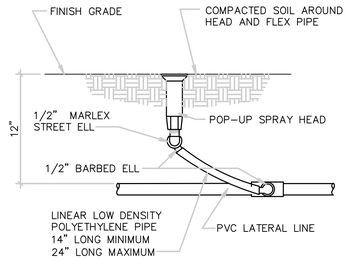
1. SYSTEM DESIGN BASED ON THE ASSUMPTION OF THE AVAILABILITY OF 54 G.P.M. WITH 60 P.S.I. AT THE SOURCE AND 45 P.S.I. AT THE HEADS.
2. ALL LATERAL LINES THAT ARE NOT LABELED SHALL BE 3/4" DIAMETER.
3. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO INITIATION OF ANY DEMOLITION OR CONSTRUCTION OPERATIONS. ANY DAMAGE TO EXISTING UTILITIES SHALL BE CONTRACTOR'S RESPONSIBILITY.
4. COORDINATE ALL IRRIGATION INSTALLATION OPERATIONS WITH CIVIL, MECHANICAL, AND ELECTRICAL ENGINEERING SHEETS.
5. CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION CONDUIT AND SLEEVES UNDER HARD SURFACES WITH RESPECTIVE CONTRACTORS.
6. ALL SLEEVES SHALL BE INSTALLED AS PART OF IRRIGATION CONTRACT. APPROXIMATE LOCATION OF SLEEVES ARE SHOWN ON THE IRRIGATION PLAN. FIELD VERIFY LOCATION. ALL ENDS OF SLEEVES SHALL BE TAPED OR CAPPED AND MARKED WITH A 2"X 4" PAINTED STAKE EXTENDING TO 24" ABOVE GRADE. STAKES SHALL NOT BE REMOVED UNTIL THE IRRIGATION SYSTEM IS COMPLETE. ALL SLEEVES SHALL EXTEND A MINIMUM OF 18" BEYOND BACK OF CURB OR EDGE OF PAVEMENT. PROVIDE COMPACTED BACKFILL AS NECESSARY AT HARD SURFACE LOCATIONS.
7. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED FOR THIS WORK.
8. IRRIGATION CONTROLLER(S) ARE TO BE LOCATED AS SHOWN ON THE PLAN. CONTROLLERS SHALL BE WIRED TO POWER SUPPLY BY A LICENSED ELECTRICIAN PER LOCAL CODES. IRRIGATION CONTRACTOR TO PROVIDE ALL REQUIRED CONNECTIONS TO 24 VOLT IRRIGATION CONTROL WIRE INSIDE THE BUILDING THROUGH APPROPRIATE SIZED CONDUIT.
9. ALL HEADS ARE TO BE 4" POP-UP IN LAWN AREAS. IRRIGATED AREAS CONTAINING VEGETATION WHICH POTENTIALLY MAY IMPEDE PERFORMANCE OF A 4" POP-UP SPRINKLER ARE TO BE REPLACED WITH A 12" HIGH POP-UP SPRINKLER.
10. ALL ELECTRICAL WORK TO MEET OR EXCEED N.E.C., STATE CODES, LOCAL CODES, AND MANUFACTURER'S RECOMMENDATIONS.
11. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ROCK AND DEBRIS BROUGHT TO THE SURFACE AS A RESULT OF TRENCHING OPERATIONS.
12. CONTRACTOR SHALL REFER TO SPECIFICATIONS AND DETAIL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
13. ALL 24 VOLT POWER WIRES SHALL BE #14 AWG SOLID COPPER. ALL ABOVE GROUND 120 VOLT AND 24 VOLT WIRE SHALL BE IN PVC CONDUIT. ALL 24 VOLT CONTROL WIRES SHALL BE LOCATED IN A 3/4" CONDUIT.
14. INSTALLATION SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL LAWS AND ORDINANCES.
15. IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE AS-BUILT DRAWING IN PDF FORMAT UPON COMPLETION OF INSTALLATION AND PRIOR TO FINAL PAYMENT.
16. THE ENTIRE SYSTEM SHALL BE GUARANTEED TO BE COMPLETE AND PERFECT IN EVERY DETAIL FOR A PERIOD OF ONE YEAR FROM THE DATE OF ITS ACCEPTANCE; REPAIR OR REPLACEMENT OF ANY DEFECTS OCCURRING WITHIN THAT ONE YEAR SHALL BE FREE OF EXPENSE TO THE OWNER.
17. AS PART OF THIS CONTRACT, PERFORM AT NO EXTRA COST WINTERIZATION AND SPRING START UP OF THE SYSTEM DURING THE GUARANTEE PERIOD (1 YEAR).
18. ALL MATERIALS SHALL BE NEW AND WITHOUT FLAWS OR DEFECTS OF THE QUALITY AND PERFORMANCE SPECIFIED, AND SHALL MEET THE REQUIREMENTS OF THIS SYSTEM. USE MATERIALS AS SPECIFIED, NO SUBSTITUTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN PERMISSION OF THE OWNER OR DESIGN PROFESSIONAL.
19. IRRIGATION CONTRACTOR SHALL MAKE NECESSARY MINOR FIELD ADJUSTMENTS TO SPRINKLER NOZZLES, SPRINKLERS, PIPE, AND OTHER IRRIGATION EQUIPMENT LOCATIONS TO FIT THE AS-BUILT SITE. ADJUST HEAD AND PIPE LOCATIONS AS REQUIRED TO AVOID DAMAGING EXISTING TREE ROOTS. ADJUSTMENTS SHALL ENSURE HEAD TO HEAD COVERAGE AND NOT OVER SPRAY THE BUILDING OR OTHER IMPROVEMENTS.
20. IRRIGATION PIPING LAYOUT IS SCHEMATIC. WHERE LINES ARE SHOWN BELOW PAVEMENT ADJACENT TO LANDSCAPE AREAS, THEY SHALL BE LOCATED IN THE LANDSCAPE AREA UNLESS SHOWN WITH A SLEEVE SYMBOL.
21. BASE PLAN AND LOCATION OF EXISTING EQUIPMENT ARE SCHEMATIC IN NATURE. FIELD VERIFY ALL BASE AND EXISTING IRRIGATION ELEMENTS AND CONDITIONS PRIOR TO CONSTRUCTION AND PROVIDE NECESSARY ADJUSTMENTS.
22. IRRIGATION CONTRACTOR SHALL USE THE MANUFACTURER'S APPROVED PRESSURE REGULATING MODULE AS SPECIFIED TO ADJUST ZONE OPERATING PRESSURES TO AN AVERAGE OF 30 P.S.I. IN SPRAY ZONES AND 45 P.S.I. IN ROTOR ZONES.
23. ALL MAIN LINE FITTINGS SHALL BE SCHEDULE 40 SOLVENT WELD TYPE UNLESS NOTED FOR LATERAL SERVICE.
24. IN THE EVENT OF A DISCREPANCY, IMMEDIATELY NOTIFY THE DESIGN PROFESSIONAL.
25. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE CERTIFICATE OF COMPLETION IRRIGATION SCHEDULING, LANDSCAPE AND IRRIGATION MAINTENANCE SCHEDULES, IRRIGATION AUDIT, IRRIGATION SURVEY, AND IRRIGATION WATER USE ANALYSIS.



B SPRAY HEAD OR ROTOR NEXT TO CURB OR WALK
NO SCALE



C ROTOR POP-UP HEAD
NO SCALE



D SPRAY AND ROTARY HEAD ASSEMBLY
NO SCALE

SYSTEM OPERATIONAL NOTES

SYSTEM OPERATION:
(BASED ON HISTORICAL CLIMATE)

CONTROLLER SETUP:

A CYCLING TECHNIQUE WILL BE USED FOR APPLICATION OF WATER, EACH STATION RUN TIME WILL BE APPLIED WITH THREE (3) DIFFERENT START TIMES. THEREFORE STATION RUN TIMES REFLECT ONE THIRD (1/3) THE TOTAL APPLICATION. PEAK WATER APPLICATION WILL REQUIRE IRRIGATION EVERY NIGHT. SET CONTROLLERS FOR START TIME #1 AT 7:30P.M., START TIME #2 AT 12:00AM., AND START TIME #3 AT 5:30AM. EXTEND WATER WINDOW IF REQUIRED TO MEET PEAK WATER REQUIREMENTS.

INITIAL STATION RUN TIMES:

DRIP ZONES: SHRUBS - 10 MINUTE CYCLES. (8 CYCLES MINIMUM SPACED EVENLY THROUGHOUT WATER WINDOW AS NOTED ABOVE)
SPRAY ZONES: TURF - 5 MINUTE CYCLES.
ROTOR ZONES: TURF - 15 MINUTE CYCLES.

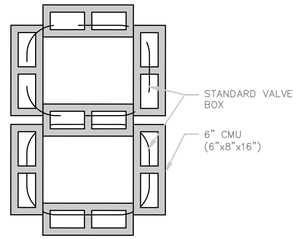
SYSTEM BALANCING:

AS THE SYSTEM OPERATES, SOME ZONES WILL BE WET WHILE OTHERS ARE DRY. ADJUST ONLY THOSE STATIONS WHICH REQUIRE ADDITIONAL OR LESS WATER. FOR EXAMPLE, IF STATION TS1, A 15' TURF SPRAY ZONE, IS ALWAYS DRY, CHANGE THE STATION TS1 RUN TIME FROM FIFTEEN (15) MINUTES TO SIXTEEN (16) MINUTES. CONTINUE MAKING ADJUSTMENTS UNTIL THE ZONE MOISTURE CONTENT IS ACCEPTABLE. USE NOZZLE CHANGES OR NOZZLE SCREW ADJUSTMENTS TO ADJUST WET AND DRY AREAS WITHIN A ZONE.

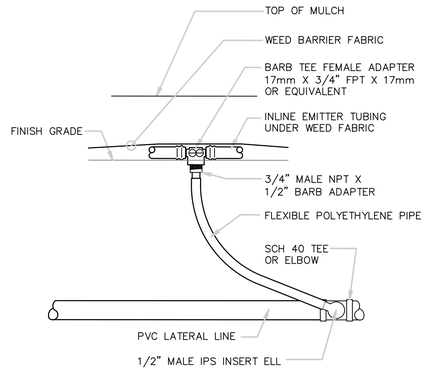
CAUTION NOTICE

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

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

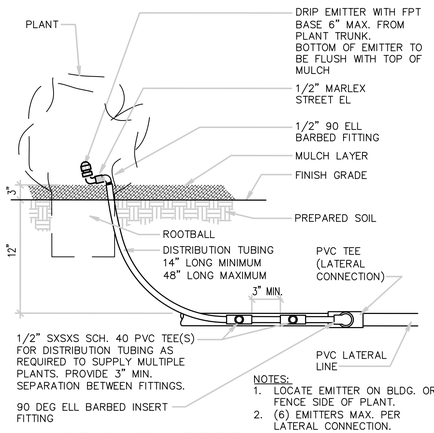


E CMU PLACEMENT
NO SCALE



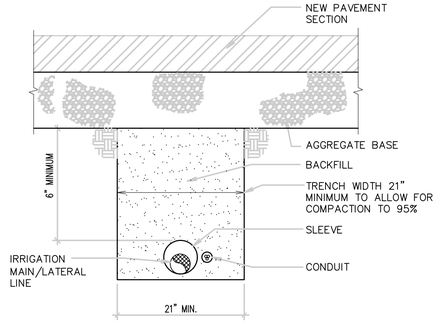
NOTE:
1. USE AT TREE RINGS AND AS CONNECTION FROM SUPPLY AND EXHAUST HEADERS.
2. DO NOT EXCEED (3) GPM FLOW THROUGH SINGLE CONNECTION.

F PVC TO IN-LINE EMITTER
NO SCALE

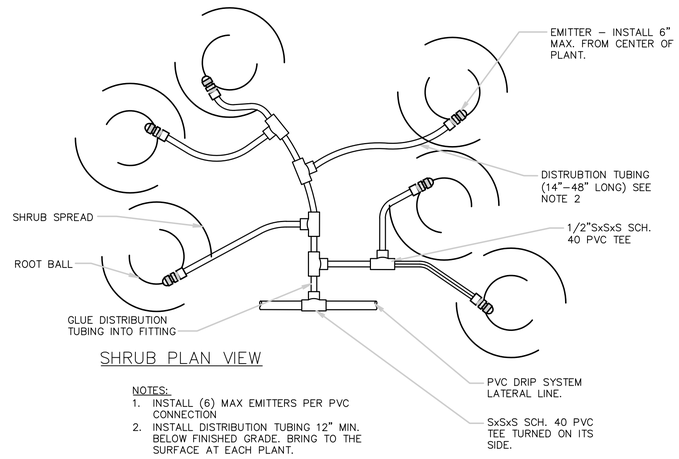


NOTES:
1. LOCATE EMITTER ON BLDG. OR FENCE SIDE OF PLANT.
2. (6) EMITTERS MAX. PER LATERAL CONNECTION.

G DRIP EMITTER
1 1/2" = 1'-0"



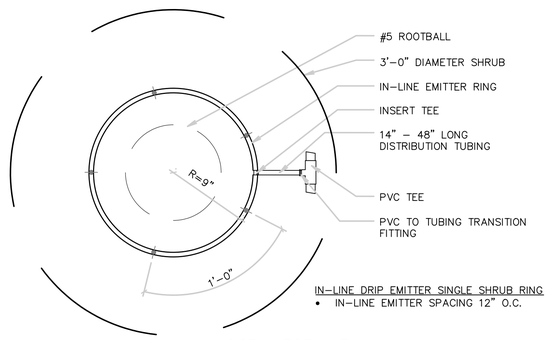
H MISC. PIPE TRENCH DETAIL NEW PAVEMENT AREAS
NO SCALE



SHRUB PLAN VIEW

NOTES:
1. INSTALL (6) MAX EMITTERS PER PVC CONNECTION
2. INSTALL DISTRIBUTION TUBING 12" MIN. BELOW FINISHED GRADE. BRING TO THE SURFACE AT EACH PLANT.

I TYPICAL DRIP EMITTER PLAN
1 1/2" = 1'-0"



IN–LINE DRIP EMITTER SINGLE SHRUB RING
- IN–LINE EMITTER SPACING 12" O.C.

2GPH FORMAT

J IN–LINE DRIP RING
NO SCALE

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architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
STATE OF IDAHO · JEFFRITZ BROWN · Jon Brown · LA-16536 · 8/2/2024 · LICENSED LANDSCAPE ARCHITECT

The North Point LDS Church
1134 N College Rd W, Twin Falls, ID 83301

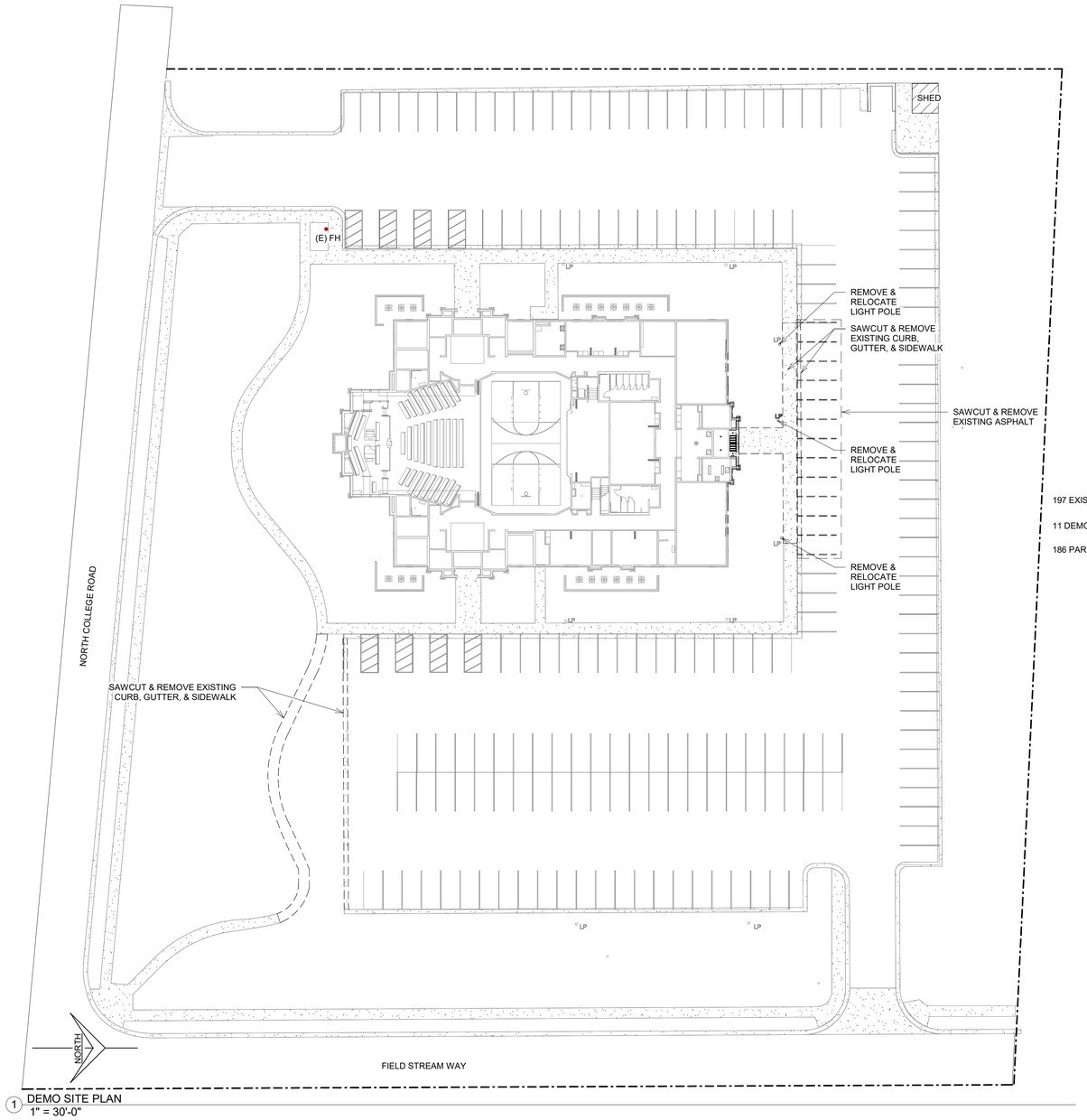
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: REMODEL IRRIGATION DETAILS

Sheet: L2.5



1 DEMO SITE PLAN
1" = 30'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: DEMO SITE PLAN

Sheet: A001

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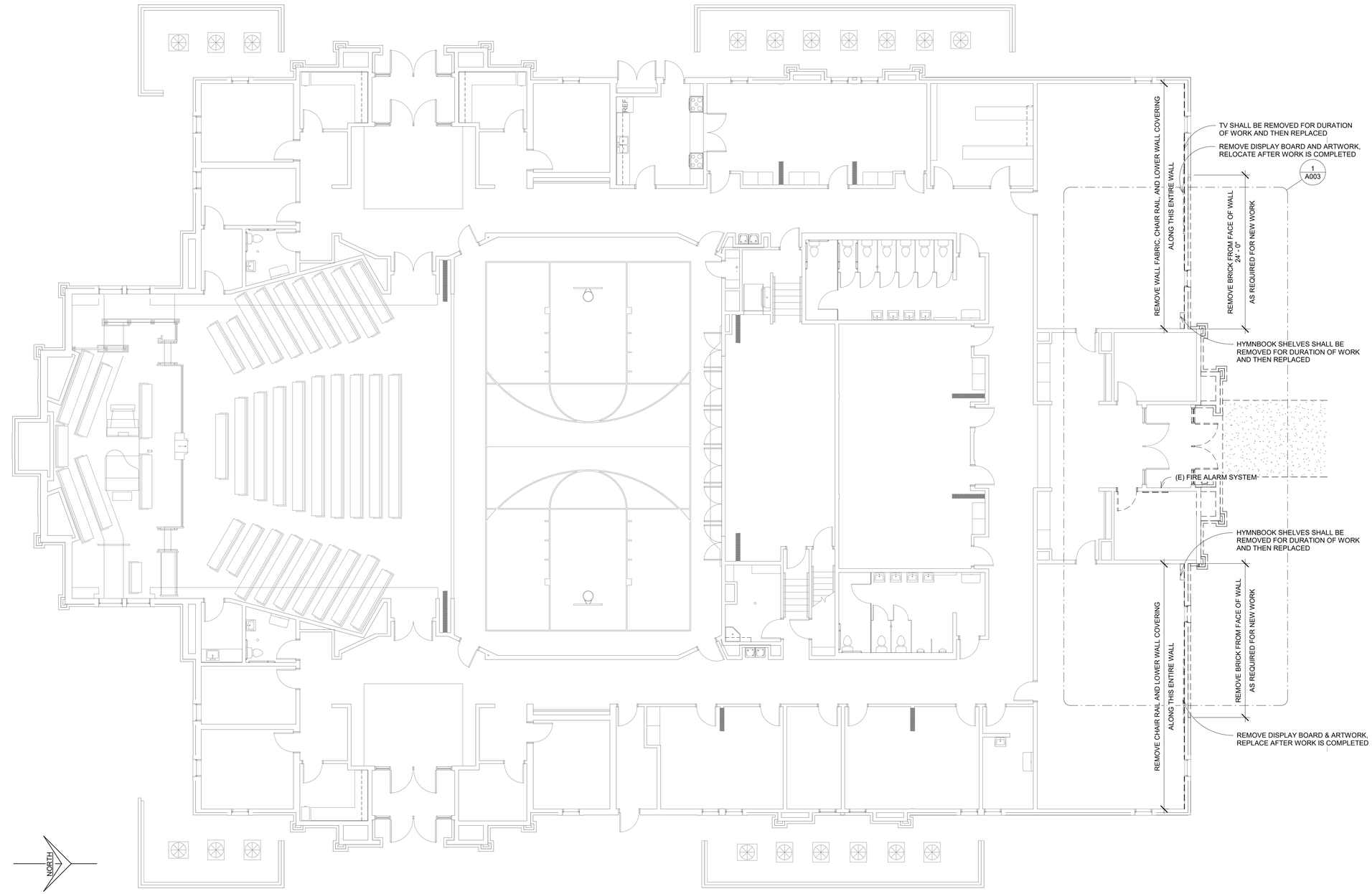

1 DEMO FLOOR PLAN
1/8" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
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R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title:
OVERALL DEMO FLOOR PLAN

Sheet:
A002

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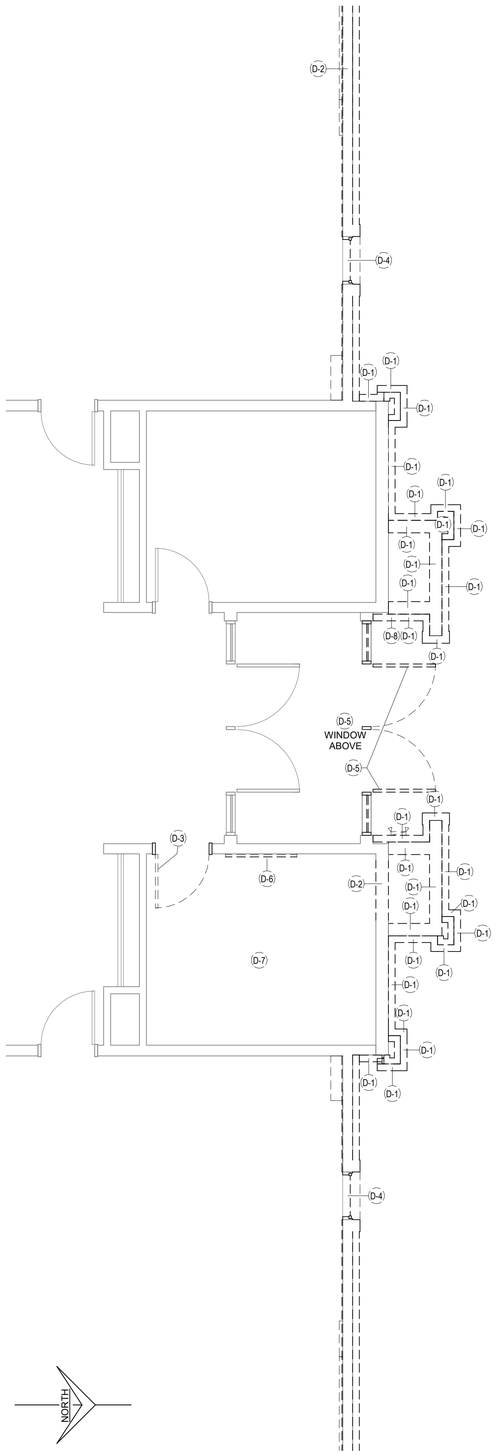
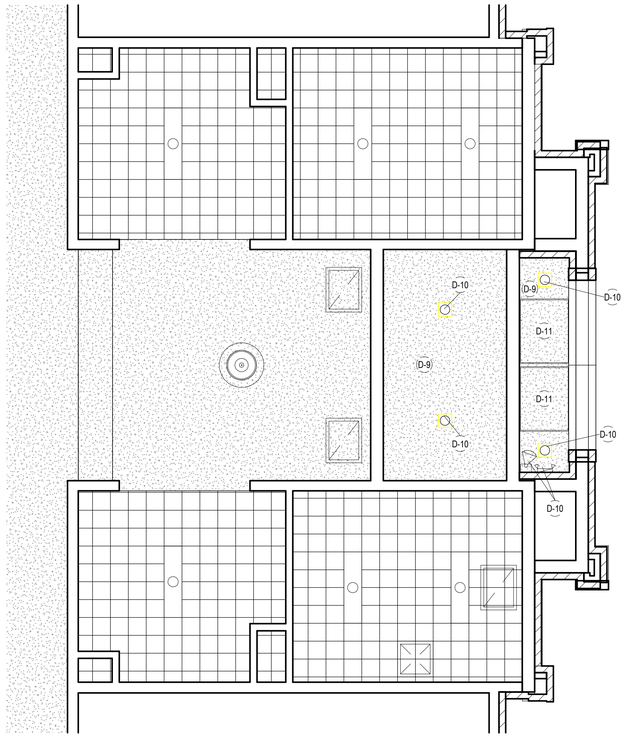
DEMO KEYNOTES	
Key Value	Keynote Text
D-1	REMOVE WALL IN ITS ENTIRETY AS SHOWN BY DASHED LINES
D-2	REMOVE WALL AS REQUIRED FOR NEW DOOR, RELOCATE ANYTHING ON WALL AS REQUIRED, MODIFY BASE AS REQUIRED
D-3	REMOVE DOOR SYSTEM IN ITS ENTIRETY
D-4	REMOVE WINDOW SYSTEM IN ITS ENTIRETY
D-5	REMOVE & RE-USE EXISTING STOREFRONT SYSTEM
D-6	REMOVE & RE-USE EXISTING CHALKBOARD IN INTERVIEW RM
D-7	REMOVE WALL COVERING & CHAIR RAIL IN THIS ROOM
D-8	REMOVE & RELOCATE KNOX BOX
D-9	REMOVE EXISTING CEILING ASSEMBLY
D-10	REMOVE EXISTING LIGHT FIXTURES
D-11	REMOVE EXISTING MECHANICAL FIXTURES



1 ENLARGED DEMO FLOOR PLAN
1/4" = 1'-0"



2 DEMO CEILING PLAN
1/4" = 1'-0"

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STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-MM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: ENLARGED DEMO PLANS

Sheet: A003

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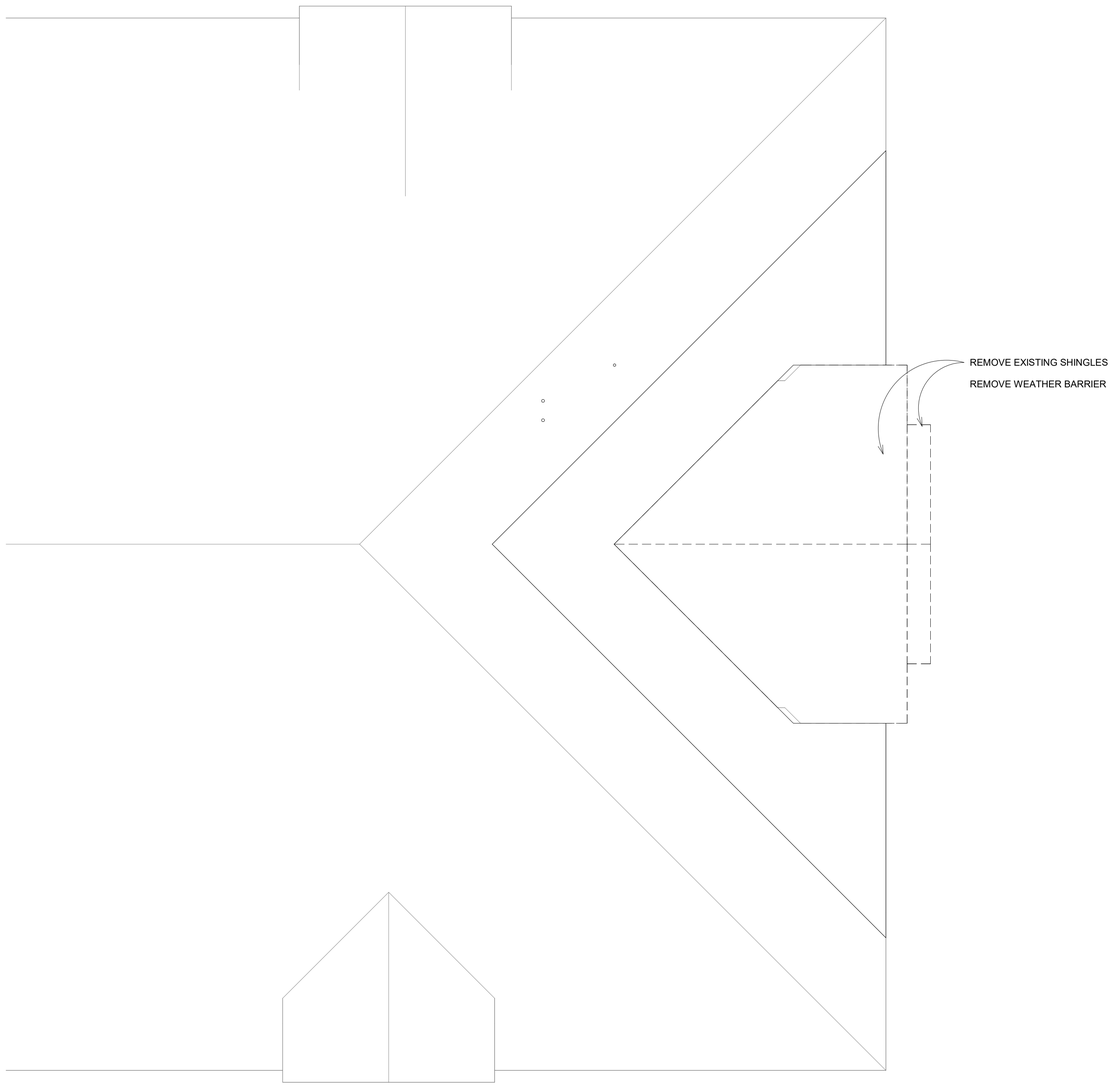

1 DEMO ROOF
1/8" = 1'-0"

Architect / Engineer:
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architecture/planning
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R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: DEMO ROOF PLAN

Sheet: A004

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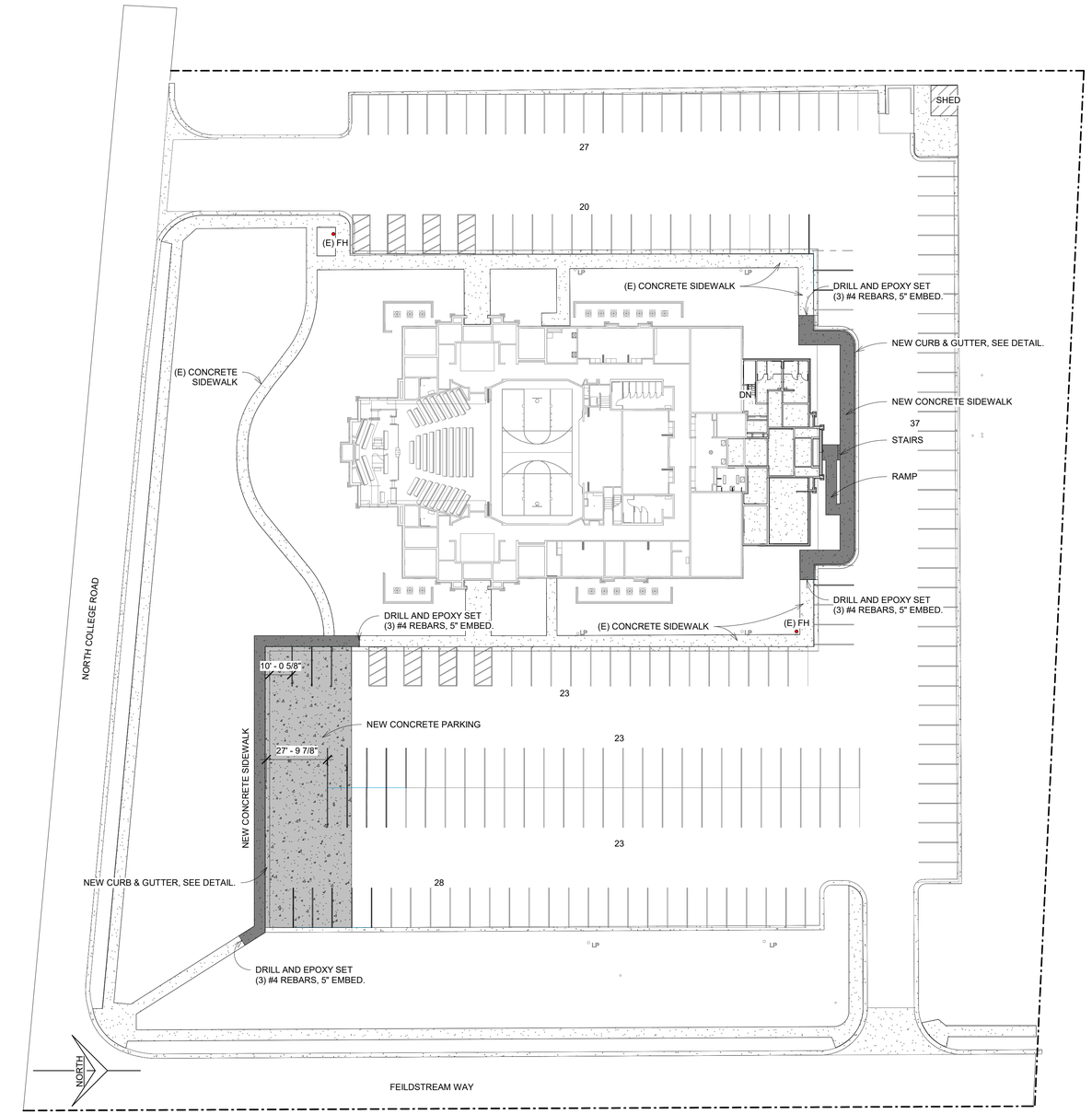

1 REMODEL SITE PLAN
1" = 30'-0"

PARKING REQUIRED
BENCH = 391' 2" / 6 = 65 SPACES
GYM = 2676.17 SF /35 = 76 SPACES
TOTAL REQUIRED = 141 SPACES
PROVIDED 186 SPACES

10-10-6 PARKING REQUIREMENTS BASED ON USE:
CHURCH, RECTORY, OR OTHER PLACE OF WORSHIP: 1 PARKING SPACE FOR EACH 3 FIXED SEATS, OR 6 FEET OF BENCH, IN ALL AREAS THAT MAY BE SIMULTANEOUSLY USED FOR ASSEMBLY. WHERE THERE IS NO FIXED SEATING OR A COMBIINATION OF ASSEMBLY AREAS WITH AND WITHOUT FIXED SEATING, 1 PARKING SPACE SHALL BE PROVIDED FOR WACH 35 SQUARE FEET OF ASEMBLY

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R. COLBY RICKS
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THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

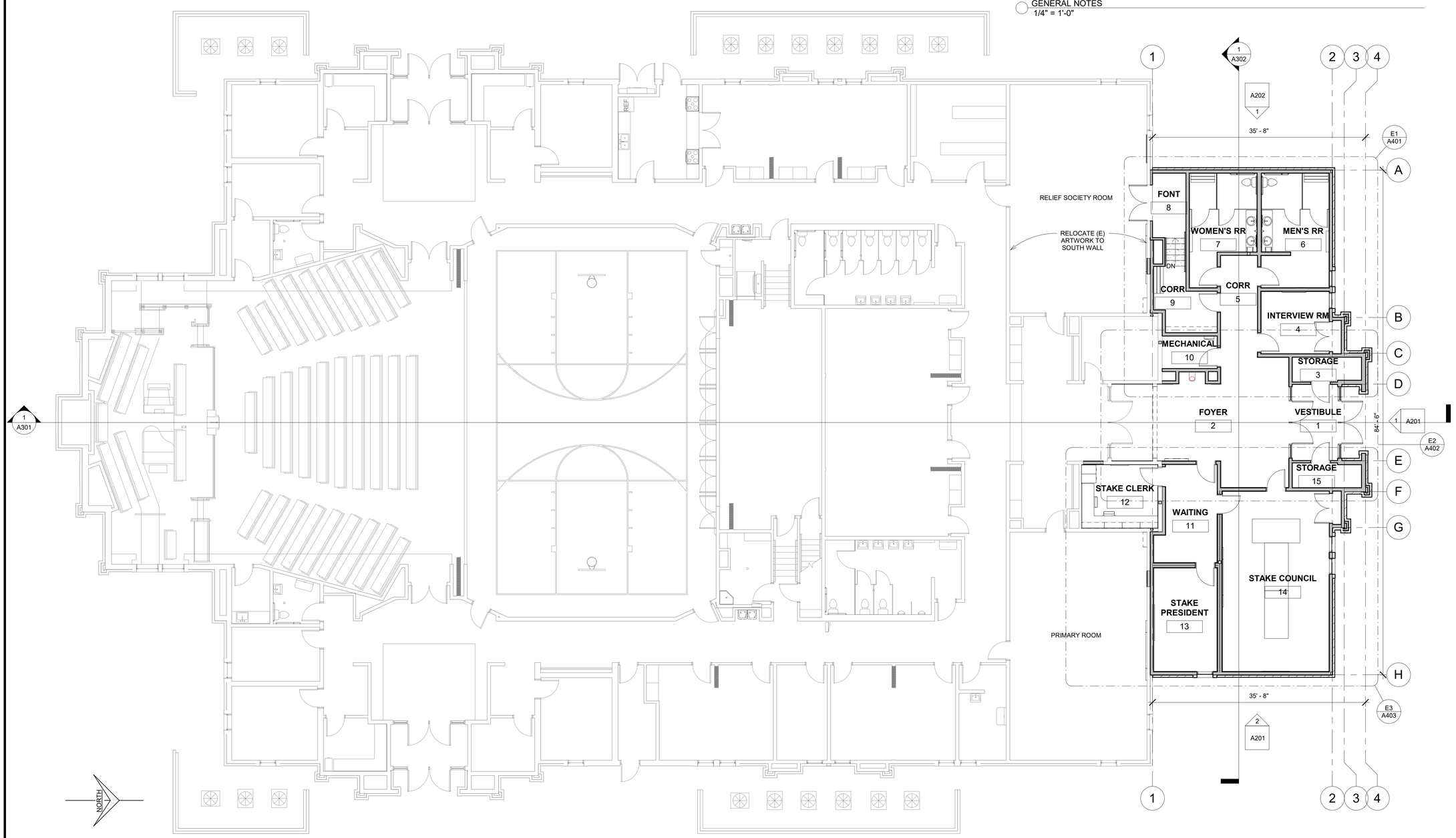
Sheet Title: REMODEL SITE PLAN

Sheet: A100

9/16/2024 2:23:42 PM

1. ANY LOCATION WHERE WOOD IS TOUCHING CONCRETE, MASONRY, CMU, OR STEEL SHALL BE PRESSURE TREATED.
2. ALL WOOD SHALL BE DOUGLAS FIR #2 OR BETTER.
3. ALL NEW INTERIOR WALLS SHALL BE 2x4 W/ 5/8" GYP BD EA. SIDE U.N.O.
4. ALL NEW INTERIOR WALLS SHALL HAVE SOUND BATT INSULATION
5. INSULATE ATTIC SPACE ABOVE AND INTERIOR WALLS AROUND THE VESTIBULE.
6. PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DISPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, WALL HUNG CABINETS, AND AT ALL OTHER EQUIPMENT AND ACCESSORY LOCATIONS.
7. VAPOR RETARDER UNDER CONCRETE SLAB - SEE STRUCTURAL.
8. FOR LOCATION OF RETURN AIR DUCT IN STUD WALLS, SEE MECHANICAL DRAWINGS.
9. PROVIDE A 2x FIRE BLOCKING IN ALL WALLS AT CEILING AND FLOOR LEVELS.
10. ALL WALLS EXCEEDING 10 FEET IN HEIGHT, PROVIDE 2x FIRE BLOCKING NOT TO EXCEED 10'-0" O.C. VERTICALLY.
11. SEE CIVIL SHEETS FOR CONTINUATION OF CONCRETE SIDEWALK AT ENTRIES AND ALL OTHER SITE CONCRETE.
12. GRID LIINES ARE TO BE TO FACE OF STUD ON NEW WALLS OR TO TO THE EXTERIOR FACE OF EXISTING WALLS U.N.O.

GENERAL NOTES
1/4" = 1'-0"



1 OVERALL NEW FLOOR PLAN
1/8" = 1'-0"

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THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

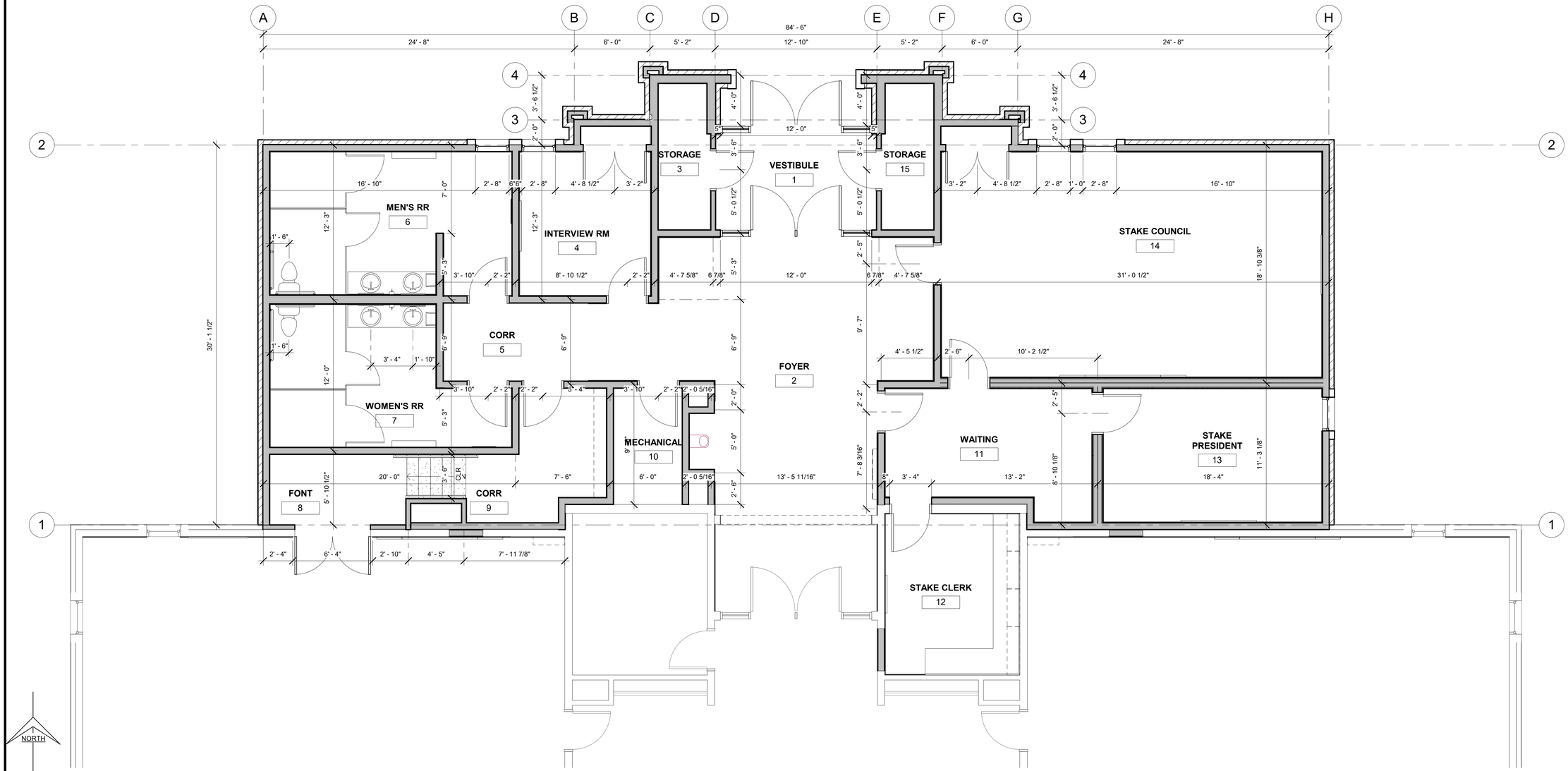
Sheet Title: OVERALL NEW FLOOR PLAN

Sheet: A101

9/16/2024 2:23:43 PM

1. ANY LOCATION WHERE WOOD IS TOUCHING CONCRETE, MASONRY, CMU, OR STEEL SHALL BE PRESSURE TREATED.
2. ALL WOOD SHALL BE DOUGLAS FIR #2 OR BETTER.
3. ALL NEW INTERIOR WALLS SHALL BE 2x4 W/ 5/8" GYP BD EA. SIDE U.N.O.
4. ALL NEW INTERIOR WALLS SHALL HAVE SOUND BATT INSULATION
5. INSULATE ATTIC SPACE ABOVE AND INTERIOR WALLS AROUND THE VESTIBULE.
6. PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DISPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, WALL HUNG CABINETS, AND AT ALL OTHER EQUIPMENT AND ACCESSORY LOCATIONS.
7. VAPOR RETARDER UNDER CONCRETE SLAB - SEE STRUCTURAL.
8. FOR LOCATION OF RETURN AIR DUCT IN STUD WALLS, SEE MECHANICAL DRAWINGS.
9. PROVIDE A 2x FIRE BLOCKING IN ALL WALLS AT CEILING AND FLOOR LEVELS.
10. ALL WALLS EXCEEDING 10 FEET IN HEIGHT, PROVIDE 2x FIRE BLOCKING NOT TO EXCEED 10'-0" O.C. VERTICALLY.
11. SEE C/VIL SHEETS FOR CONTINUATION OF CONCRETE SIDEWALK AT ENTRIES AND ALL OTHER SITE CONCRETE.
12. GRID LIINES ARE TO BE TO FACE OF STUD ON NEW WALLS OR TO TO THE EXTERIOR FACE OF EXISTING WALLS U.N.O.

GENERAL NOTES
1/4" = 1'-0"



1 ROTATED & ENLARGED DIM NEW FLOOR PLAN
1/4" = 1'-0"

Architect / Engineer:
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architecture/planning
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R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

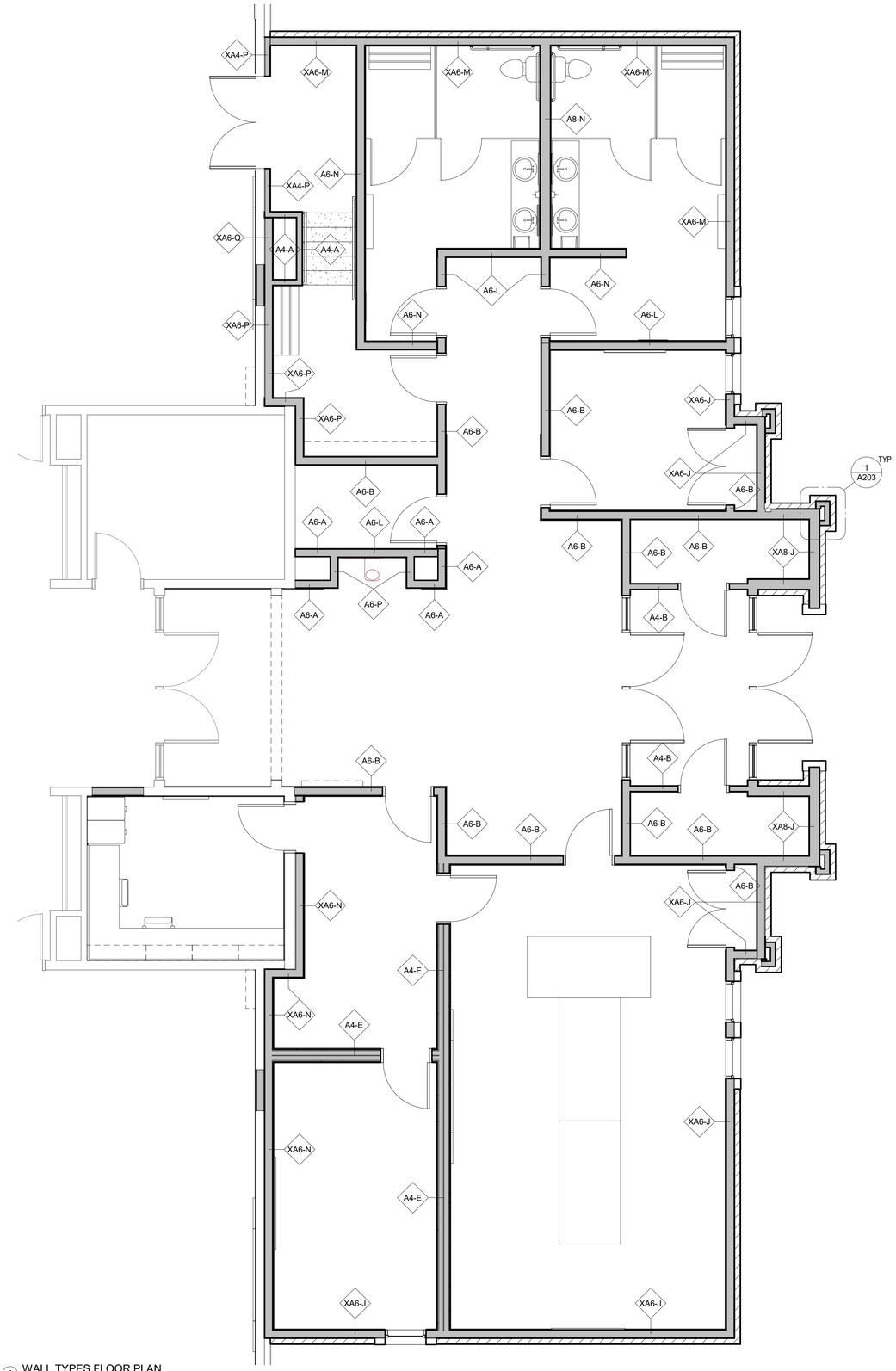
Mark	Date (DMMYY)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: ENLARGED DIMENSION PLAN

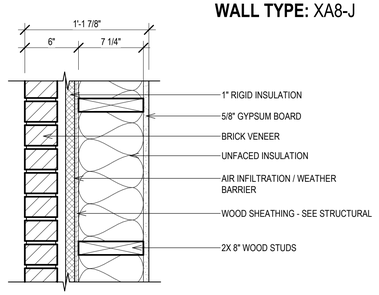
Sheet: A102

9/16/2024 2:23:43 PM



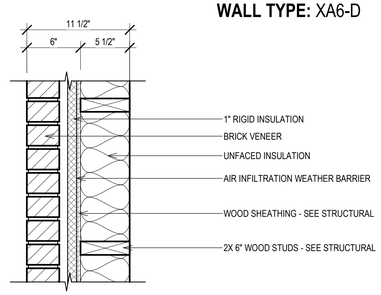
1 WALL TYPES FLOOR PLAN
1/4" = 1'-0"

WALL TYPE: XA8-J



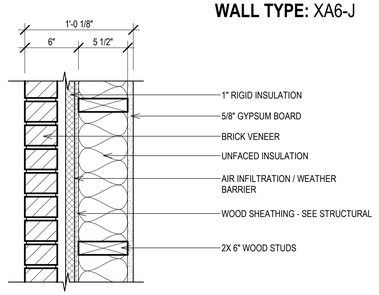
2 XA8 - J WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: XA6-D



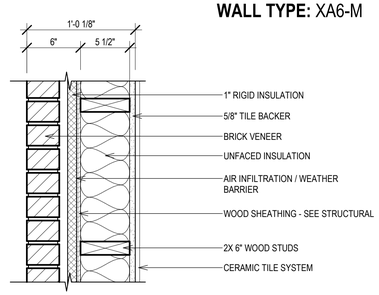
3 XA6-D WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: XA6-J



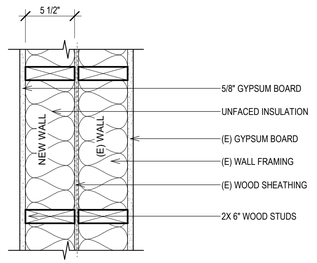
4 XA6 - J WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: XA6-M



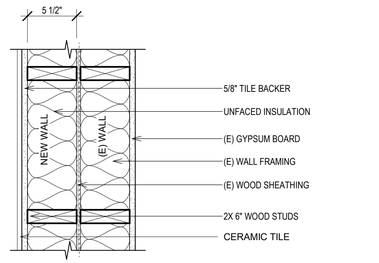
5 XA6 - M WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: XA6-N



6 XA6 - N WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: XA6-P



7 XA6 - P WALL TYPE
1 1/2" = 1'-0"

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STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (M-D-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: WALL TYPES FLOOR PLAN

Sheet: A111

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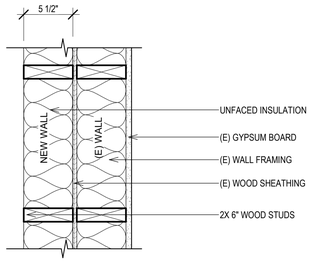
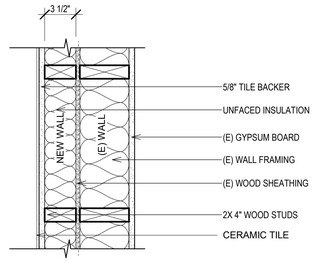
WALL TYPE: XA6-Q



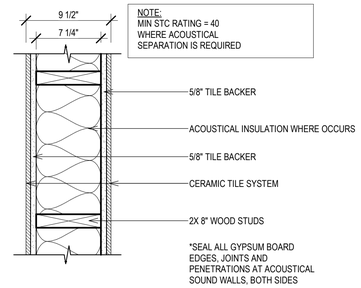
1 XA6 - Q WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: XA4-P



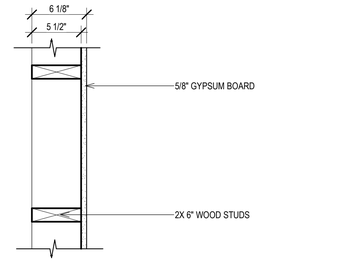
2 XA4 - P WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A8-N



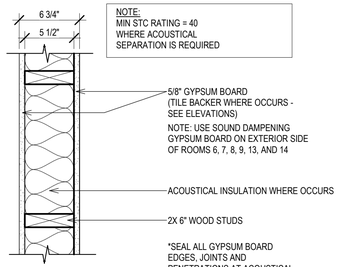
3 A8-N WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A6-A



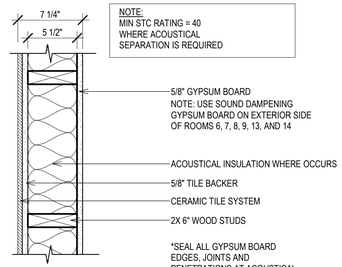
4 A6-A WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A6-B



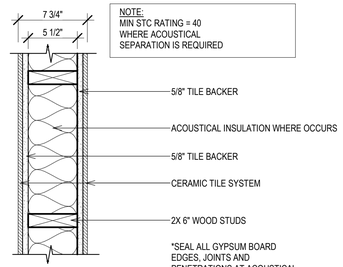
5 A6-B WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A6-L



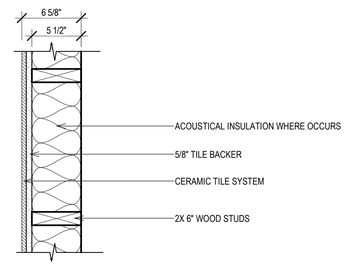
6 A6-L WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A6-N



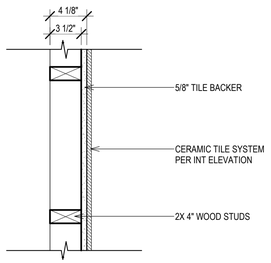
7 A6-N WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A6-P



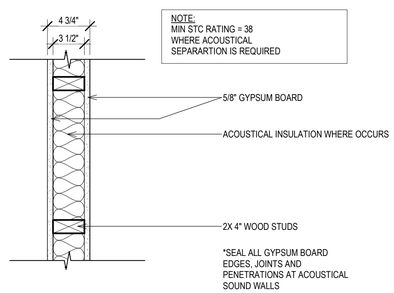
8 A6-P WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A4-A



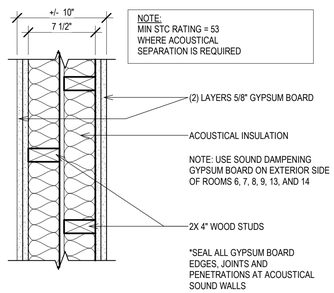
9 A4-A WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A4-B



10 A4-B WALL TYPE
1 1/2" = 1'-0"

WALL TYPE: A4-E



11 A4-E WALL TYPE
1 1/2" = 1'-0"

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THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-MM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: WALL TYPES

Sheet: A112

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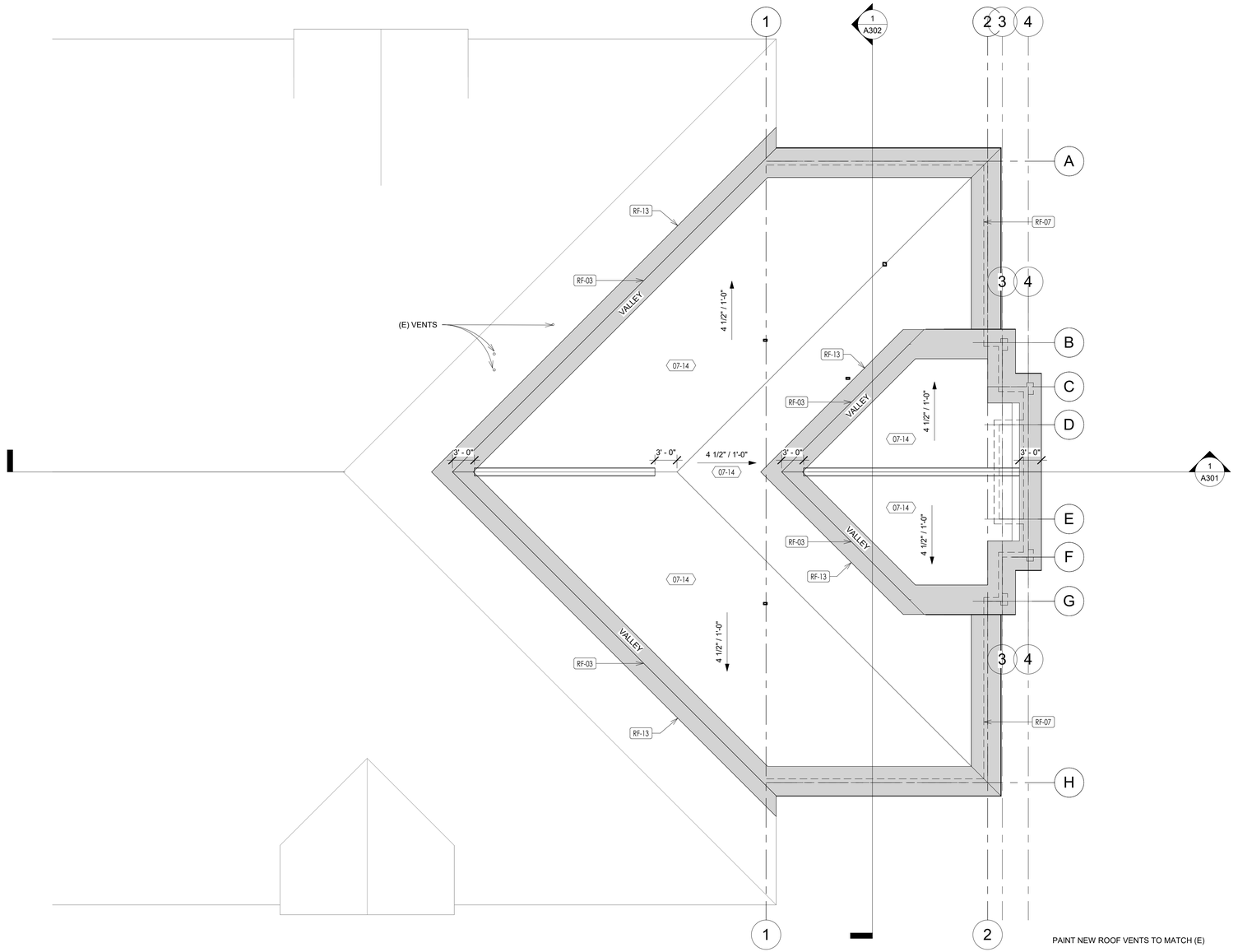

PAINT NEW ROOF VENTS TO MATCH (E)

1 NEW ROOF PLAN
1/8" = 1'-0"

KEYNOTES

XX-XX ← KEYNOTE MATERIAL

MATERIAL / SPECIFICATION KEYNOTES

07-14	COMPOSITE ASPHALT SHINGLES, SEE DETAILS & SPECIFICATIONS

KEYNOTES

XX-XX ← KEYNOTE INSTRUCTIONAL

INSTRUCTIONAL KEYNOTES

RF-03	VALLEY FLASHING, SEE DETAILS
RF-07	LINE OF WALL BELOW ROOF, SEE OVERALL AND ENLARGED PLANS
RF-13	LINE OF SECONDARY UNDERLAYMENT

ROOF PLAN GENERAL NOTES

1. COORDINATE LOCATIONS OF ROOF PENETRATIONS WITH THE MECHANICAL SYSTEM.
2. CONTRACTOR TO PAINT VENTS AND COMBUSTION PIPING TO MATCH ROOFING COLOR. SEE SPECIFICATIONS.

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Mark	Date (M-D-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: NEW ROOF PLAN

Sheet: A121

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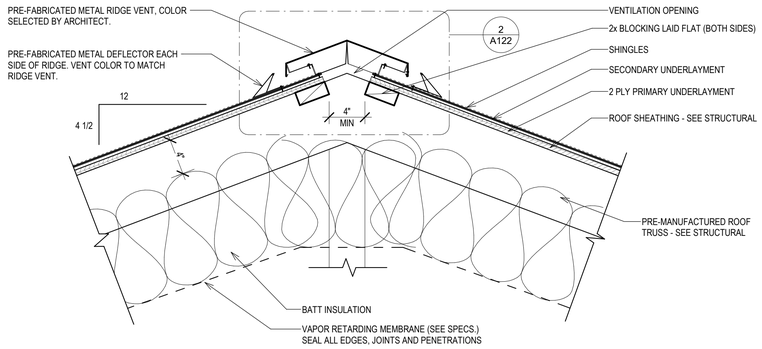
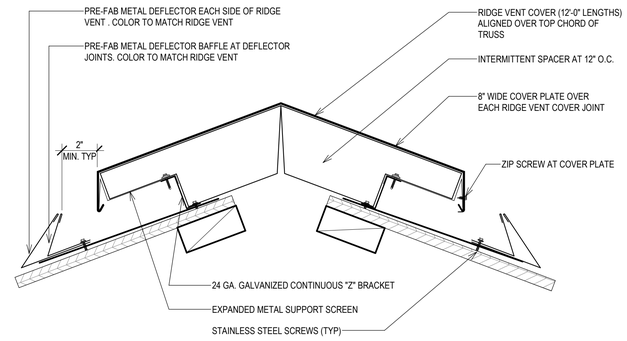
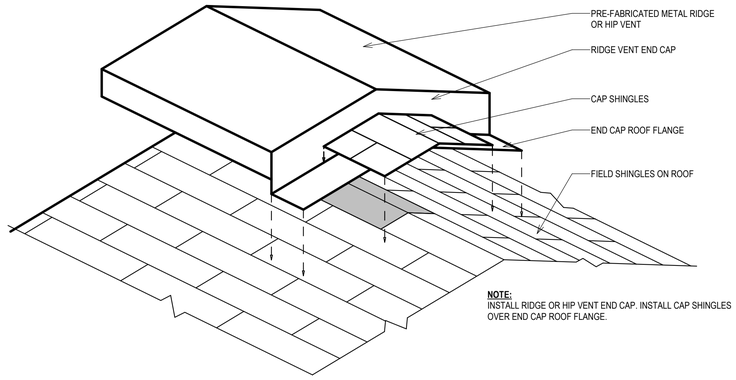


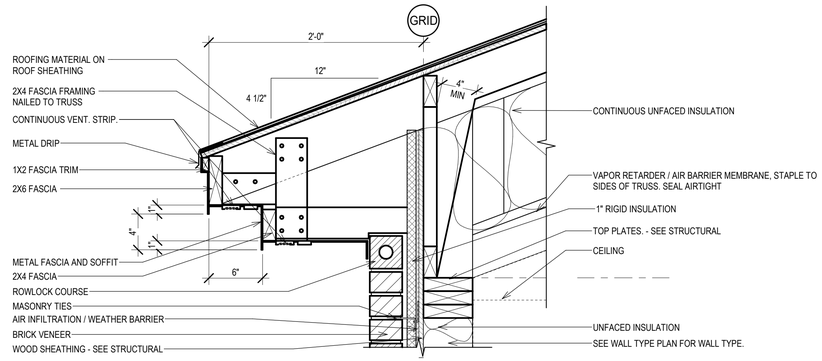
1 ROOF - RIDGE SECTION
1 1/2" = 1'-0"



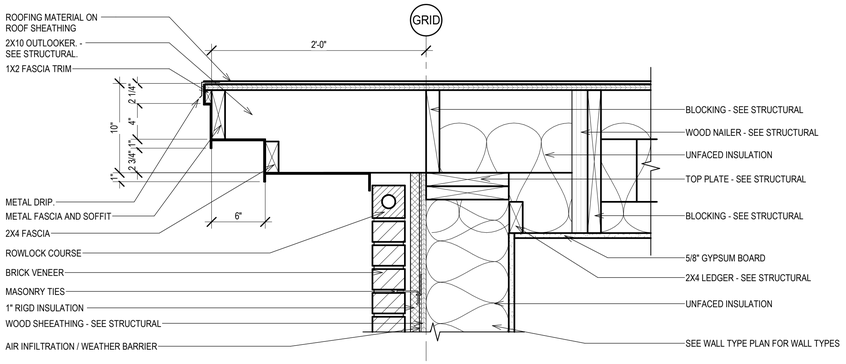
2 ROOF - RIDGE VENT ENLARGED
3" = 1'-0"



3 ROOF - RIDGE VENT END DETAIL
1 1/2" = 1'-0"



4 ROOF - FASCIA - TYPICAL CONDITION
1 1/2" = 1'-0"



5 ROOF - FASCIA DETAIL @ RAKE
1 1/2" = 1'-0"

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Project for:
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Mark.	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: DETAILS - ROOF

Sheet: A122

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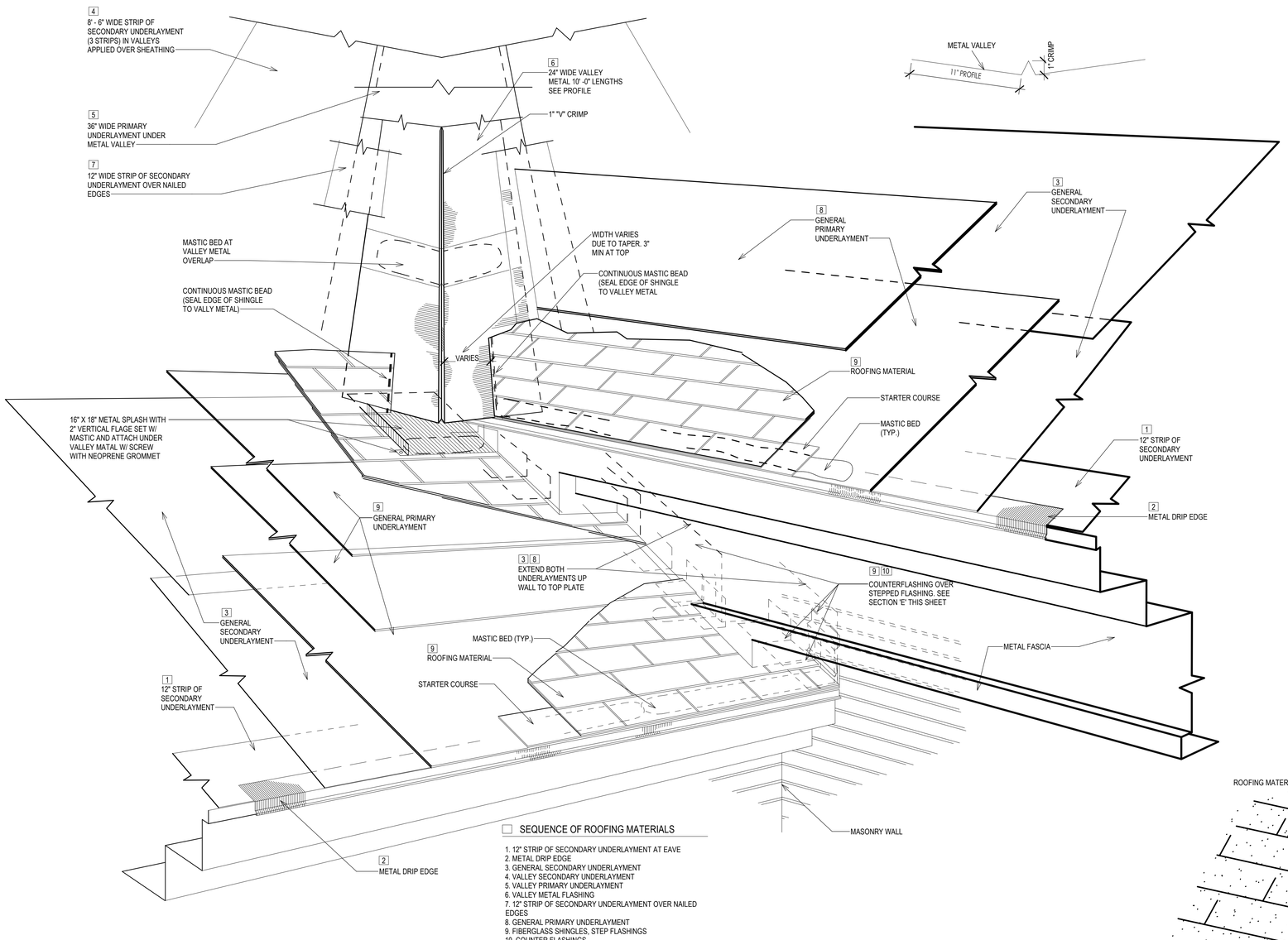
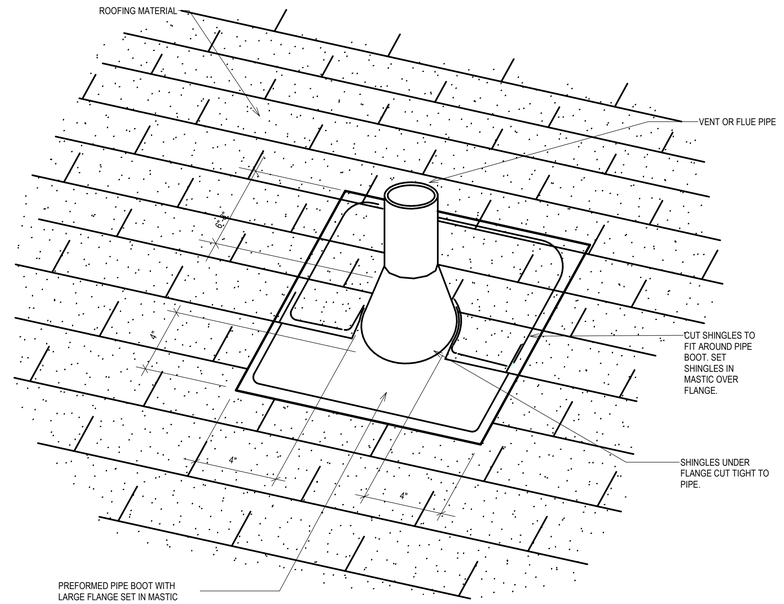


SEQUENCE OF ROOFING MATERIALS

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. FIBERGLASS SHINGLES, STEP FLASHINGS
10. COUNTER FLASHINGS

1 ROOF - VALLEY FLASHING DETAIL
1 1/2" = 1'-0"



2 ROOF - PIPE BOOT FLANGE DETAIL
3/8" = 1'-0"

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Project for:
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Mark	Date (D-MM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: DETAILS - ROOF

Sheet: A123

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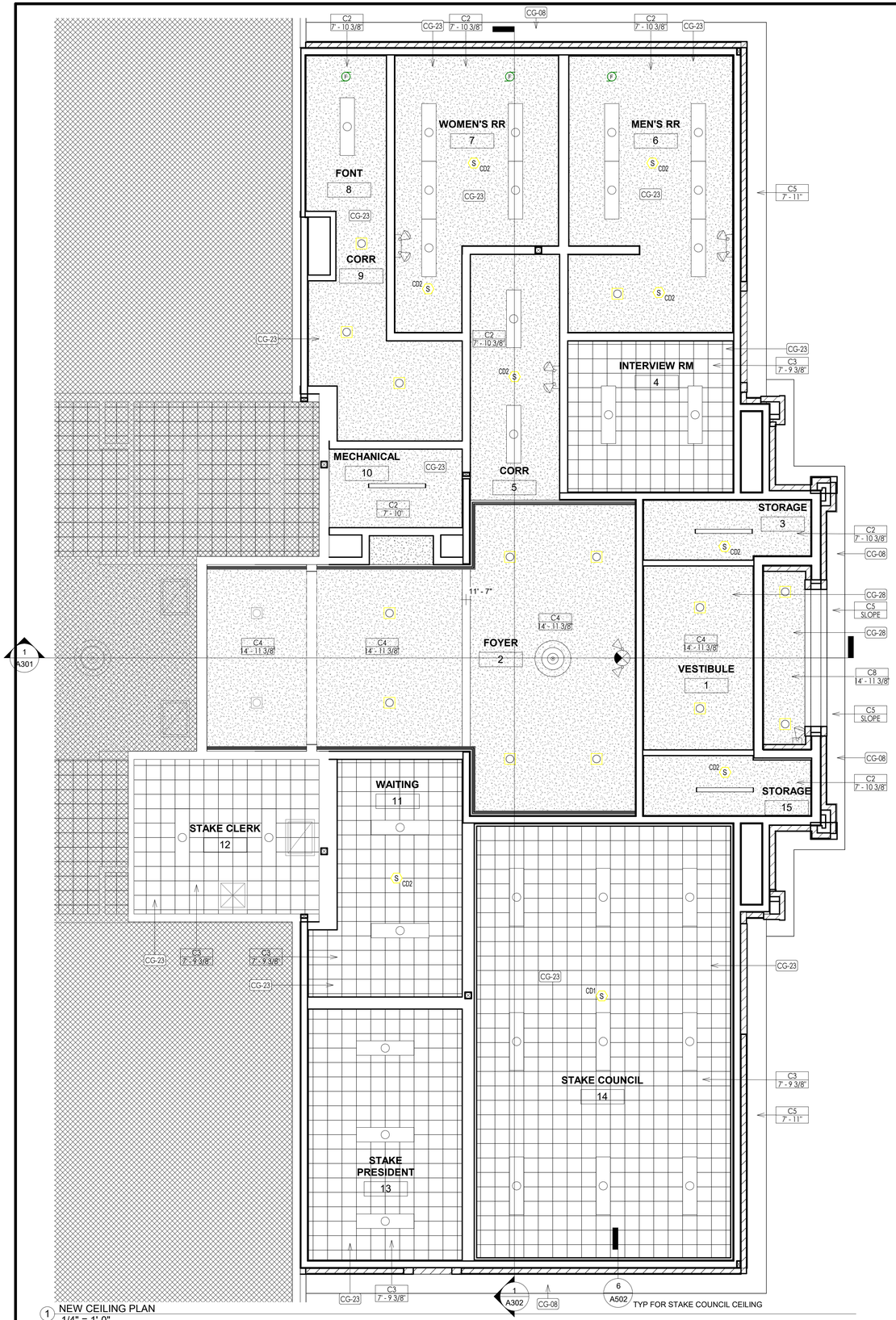

1 NEW CEILING PLAN
1/4" = 1'-0"

REFLECTED CEILING PLAN - FINISH SCHEDULE

CEILING TYPE → C1
HEIGHT → 1' - 0"

CEILING TYPE → C1
REFER TO SECTION → SLOPE

C2.CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD - PAINTED

C3.ACOUSTICAL TILE ON GYPSUM BOARD

C4.GYPSUM BOARD - PAINTED

C5.METAL SOFFIT - SEE A/A122

C8.EXTERIOR STUCCO SYSTEM SOFFIT

CEILING PLAN GENERAL NOTES

1. WALL MOUNTED LIGHT FIXTURES THAT OCCUR BELOW CEILING LINE ARE NOT SHOWN.
2. MOUNTING OF SPEAKERS: CORRIDOR - SEE A501.
3. PROVIDE SEISMIC BRACING AT ALL CEILING SUSPENSION SYSTEMS.
4. AT CORRIDORS, ACOUSTICAL CEILING TILE IS TO BE TILE WITH A BORDER OF GYPSUM BOARD AS SHOWN ON DRAWINGS.
5. FOR SUSPENSION CEILING SYSTE DETAILS, SEE A/A151 & B/A151.
6. GYPSUM BOARD CONTROL JOINT.
7. STEEL LINTEL - PAINTED.
8. COORDINATE GRILLE LOCATION WITH MECHANICAL AND ELECTRICAL DRAWINGS.

KEYNOTES

XX-XX ← KEYNOTE MATERIAL

INSTRUCTIONAL KEYNOTES

CG-08	EXT. METAL SOFFIT, COLOR AS SEL. BY ARCHITECT. SEE DETAILS
CG-23	INSULATE THE ROOM CEILING ABOVE FOR SOUND CONTROL (R-19)
CG-28	INSULATE AND TOTALLY FILL VOID UP TO ROOF FOR FREEZE AND FIRE PROTECTION

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Mark	Date (D-MM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: NEW REFLECTED CEILING PLAN

Sheet: A151

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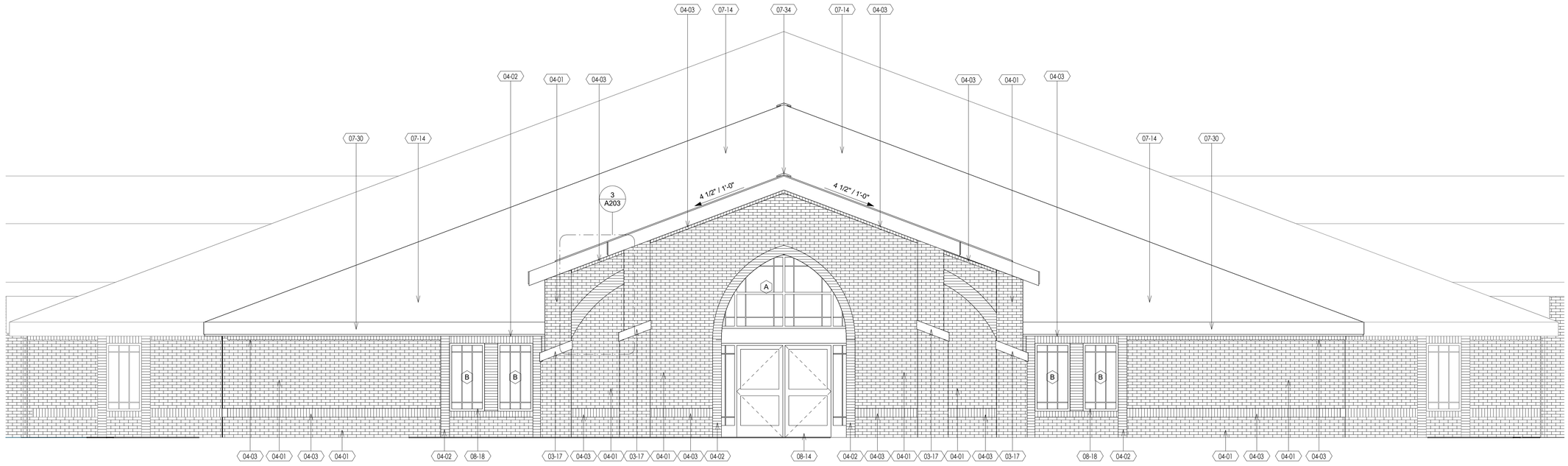
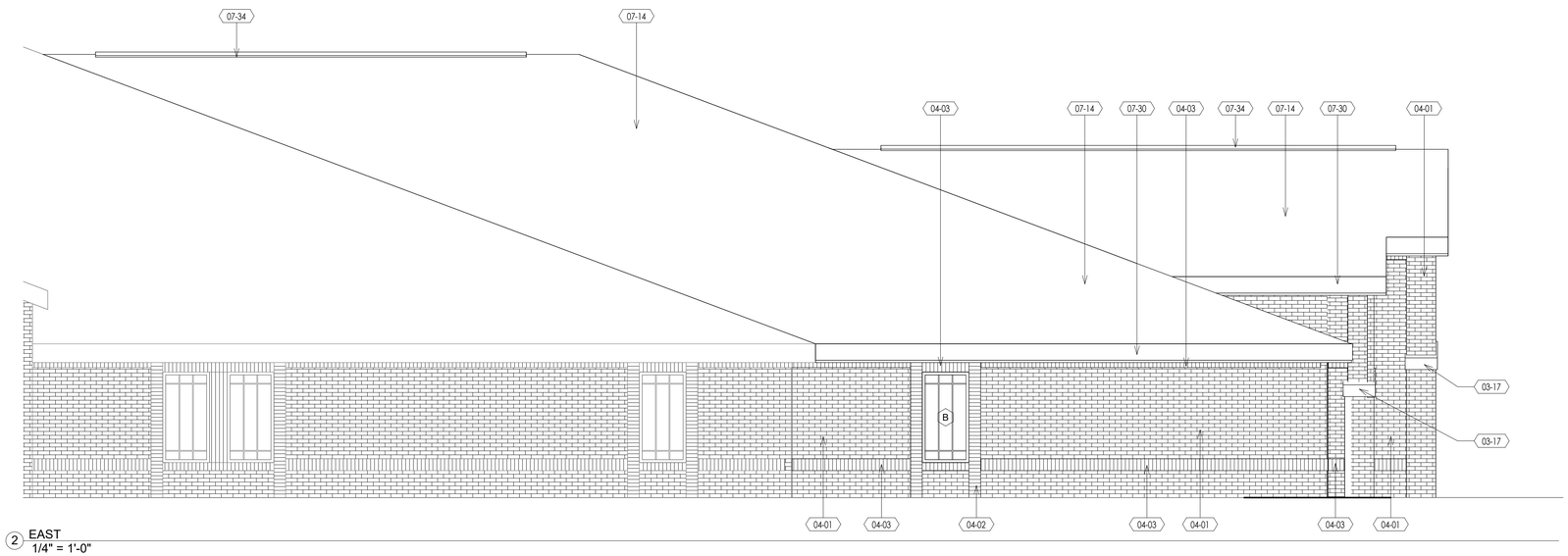


1 NORTH
1/4" = 1'-0"



2 EAST
1/4" = 1'-0"

KEYNOTES

XX-XX ← KEYNOTE MATERIAL

MATERIAL / SPECIFICATION KEYNOTES

03-17	ARCHITECTURAL PRE-CAST CONCRETE, SEE DETAILS & SPECIFICATIONS
04-01	BRICK VENEER MASONRY, RUNNING BOND, SEE DETAILS & SPECIFICATIONS
04-02	BRICK VENEER MASONRY, STACK BOND, SEE DETAILS & SPECIFICATIONS
04-03	BRICK VENEER MASONRY, SOLDIER COURSE, SEE DETAILS & SPECIFICATIONS
07-14	COMPOSITE ASPHALT SHINGLES, SEE DETAILS & SPECIFICATIONS
07-30	ALUMINUM SHEET METAL FASCIA, FLASHING & TRIM, SEE DETAILS & SPECIFICATION
07-34	ROOF RELIEF VENTS, SEE DETAILS & SPECIFICATION
08-14	EXTERIOR & INTERIOR ALUMINIUM STOREFRONT ENTRANCES, SEE SCHEDULE & SPECIFICATION
08-18	VINYL FRAMED FIXED WINDOWS, SEE SCHEDULE, DETAILS & SPECIFICATIONS

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Mark	Date (D-MM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: EXTERIOR ELEVATIONS

Sheet: A201

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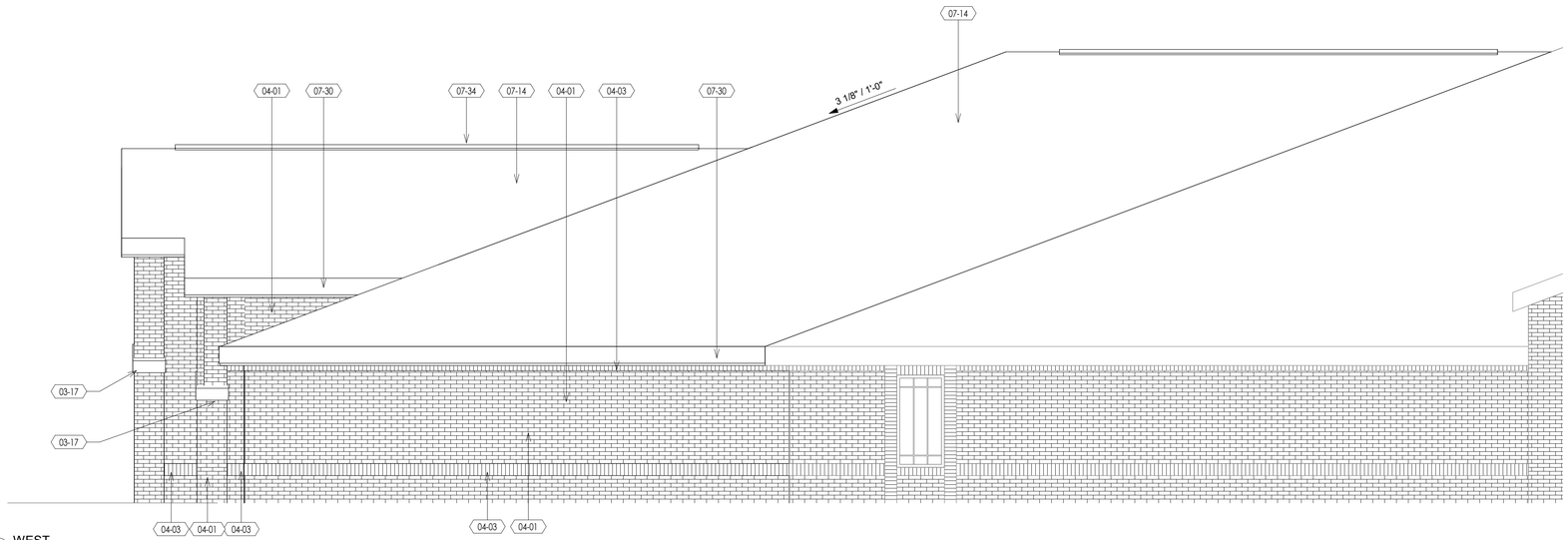

1 WEST
1/4" = 1'-0"

KEYNOTES

XX-XX ← KEYNOTE MATERIAL

MATERIAL / SPECIFICATION KEYNOTES

07-34

03-17	ARCHITECTURAL PRE-CAST CONCRETE, SEE DETAILS & SPECIFICATIONS
04-01	BRICK VENEER MASONRY, RUNNING BOND, SEE DETAILS & SPECIFICATIONS
04-03	BRICK VENEER MASONRY, SOLDIER COURSE, SEE DETAILS & SPECIFICATIONS
07-14	COMPOSITE ASPHALT SHINGLES, SEE DETAILS & SPECIFICATIONS
07-30	ALUMINUM SHEET METAL FASCIA, FLASHING & TRIM, SEE DETAILS & SPECIFICATION
07-34	ROOF RELIEF VENTS, SEE DETAILS & SPECIFICATION

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Project for:
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Mark	Date (D-MM-Y)	Description

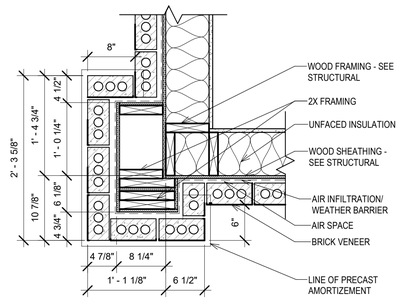
Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: EXTERIOR ELEVATIONS

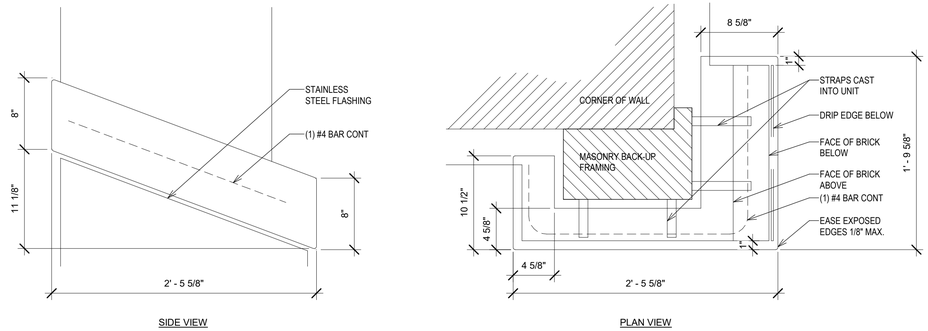
Sheet: A202

9/16/2024 2:23:48 PM

NOTE:
SEE WALL TYPES PLAN
FOR WALL TYPES



1 PILASTER DETAIL
1" = 1'-0"



2 DETAIL - PRECAST AMORTIZEMENT
1 1/2" = 1'-0"

3 FLYING BUTTRESS AT ENTRANCE
3/4" = 1'-0"

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Mark	Date (D-MM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: DETAILS - EXTERIOR

Sheet: A203

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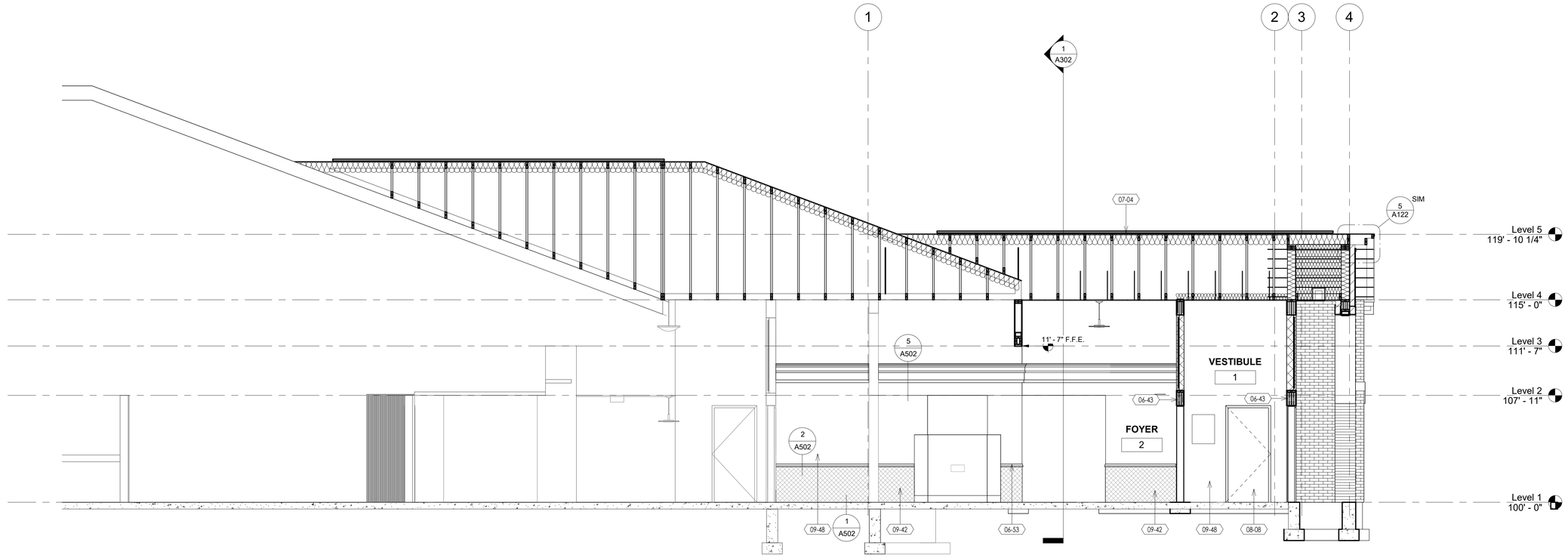

1 Section A
1/4" = 1'-0"

KEYNOTES

XX-XX ← KEYNOTE MATERIAL

MATERIAL / SPECIFICATION KEYNOTES

06-43	STRUCTURAL LAMINATED VENEER LUMBER BEAM, SEE STRUCTURAL
06-53	HARDWOOD TRIM, SEE DETAILS & SPECIFICATION
07-04	BLANKET THERMAL INSULATION, SEE SCHEDULE, DETAILS, & SPECIFICATION
08-08	INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION
09-42	SISAL WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION
09-48	INTERIOR PAINTED GYPSUM BOARD, SEE PAINT SCHEDULE/ SPECIFICATION

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architecture/planning
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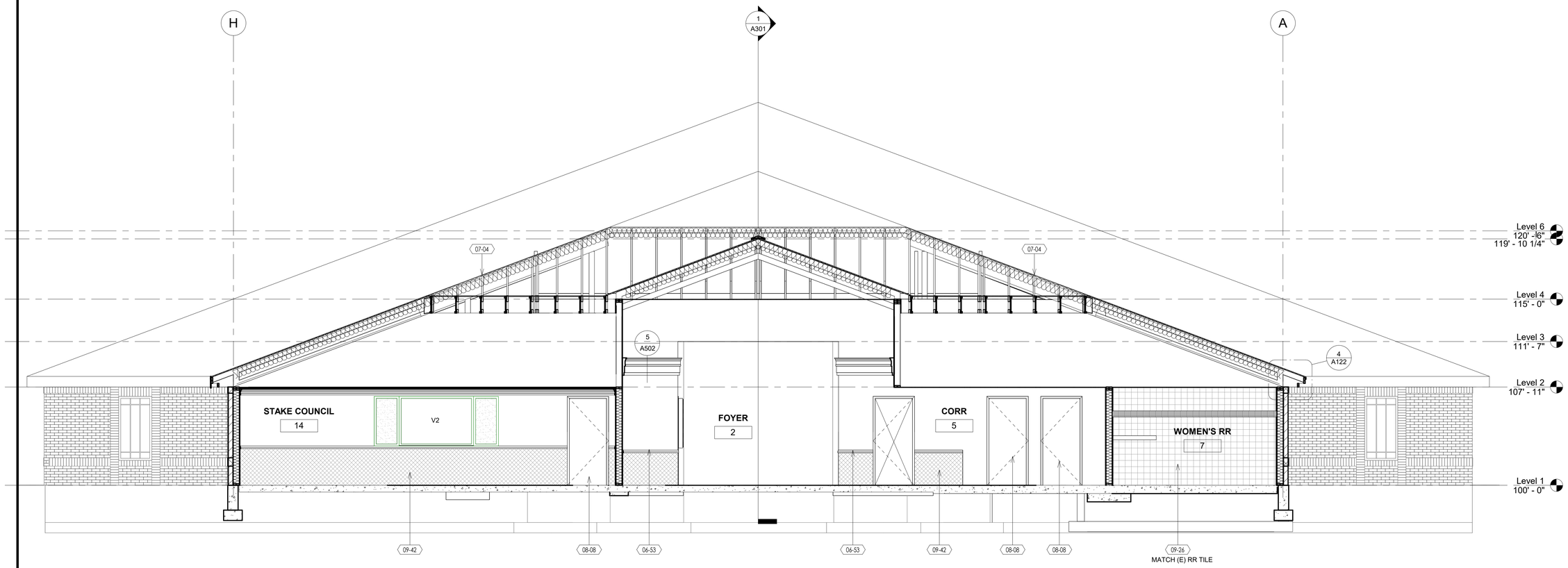
Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: BUILDING SECTIONS

Sheet: A301

9/16/2024 2:23:49 PM



1 Section B
1/4" = 1'-0"

KEYNOTES

XX-XX ← KEYNOTE MATERIAL

MATERIAL / SPECIFICATION KEYNOTES

06-53	HARDWOOD TRIM, SEE DETAILS & SPECIFICATION
07-04	BLANKET THERMAL INSULATION, SEE SCHEDULE, DETAILS, & SPECIFICATION
08-08	INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION
09-26	CERAMIC GLAZED WALL TILE SEE FINISH SCHEDULE, DETAILS & SPECIFICATION
09-42	SISAL WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

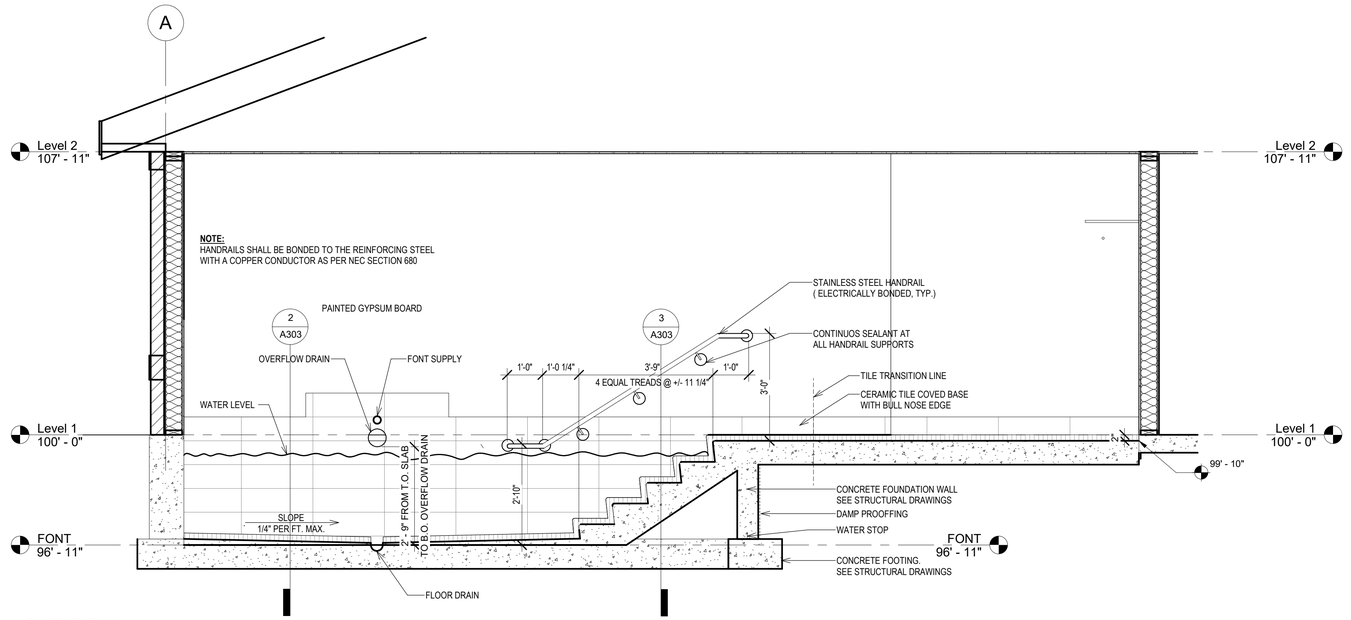
Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

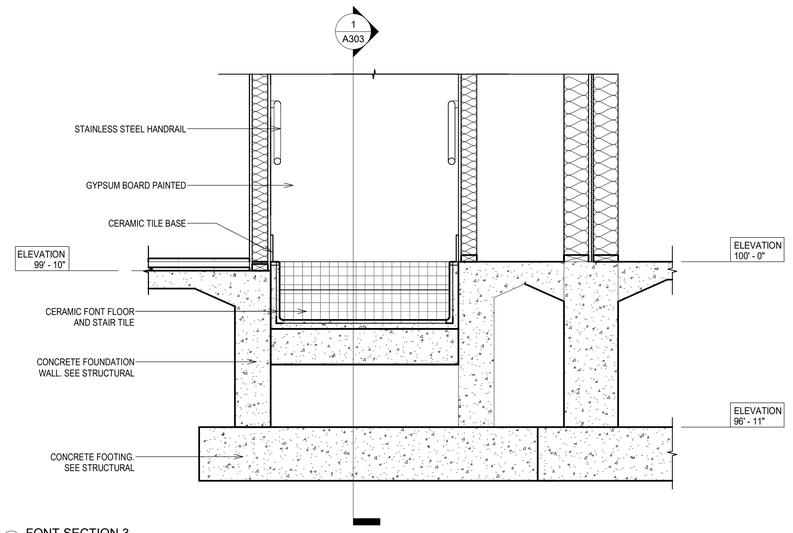
Sheet Title: BUILDING SECTIONS

Sheet: A302

9/16/2024 2:23:50 PM

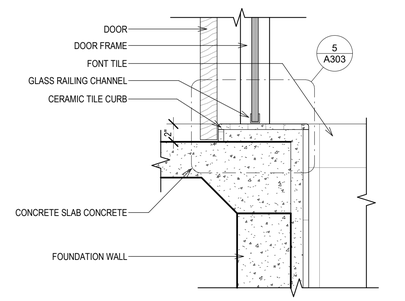


1 FONT SECTION 1
1/2" = 1'-0"

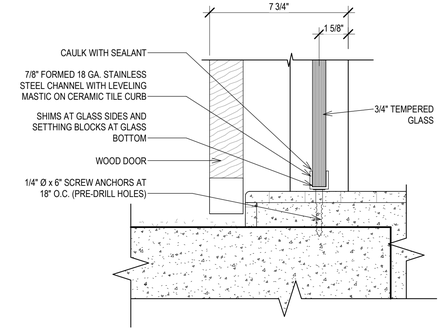


3 FONT SECTION 3
3/4" = 1'-0"

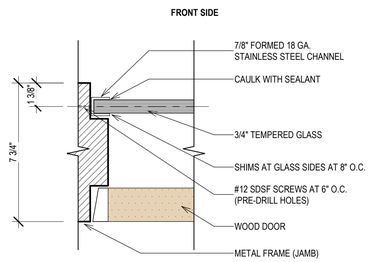
2 FONT SECTION 2
3/4" = 1'-0"



4 BASE DETAIL AT TILE CURB
1 1/2" = 1'-0"



5 BASE DETAIL
3" = 1'-0"



6 JAMB DETAIL
3" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
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STATE OF IDAHO

THE NORTH POINT
LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

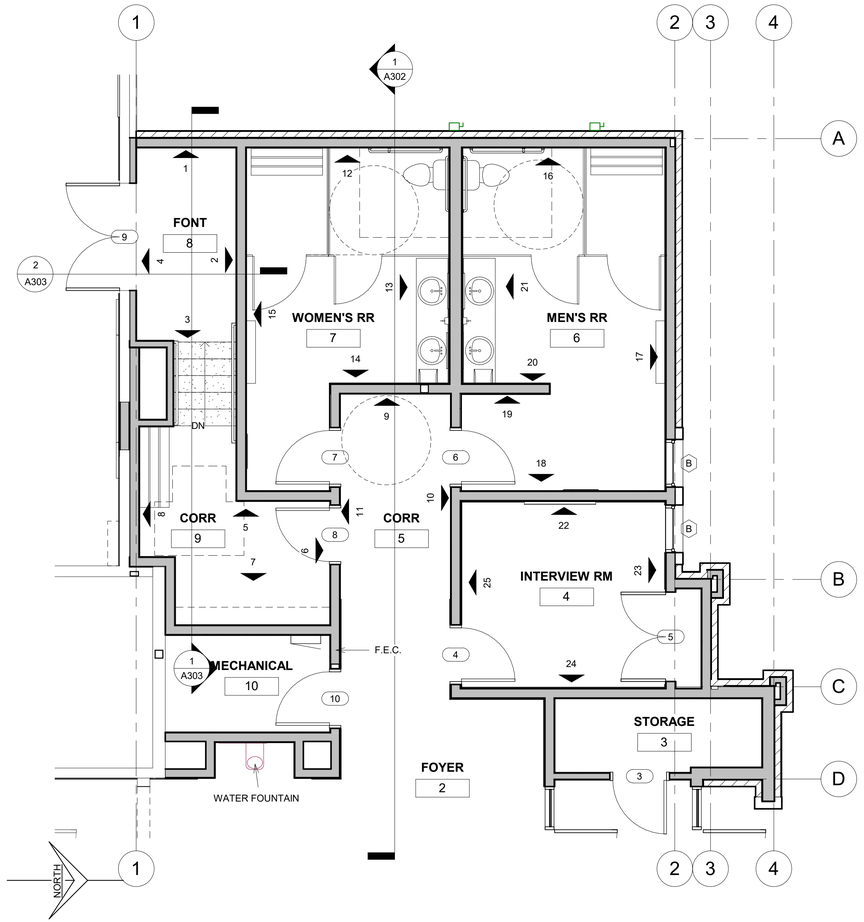
Mark	Date (D-M-Y)	Description

Project Number:
24001
Plan Series:
Property Number:
5978778

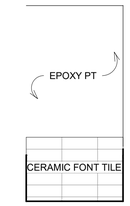
Sheet Title:
FONT BUILDING
SECTIONS

Sheet:
A303

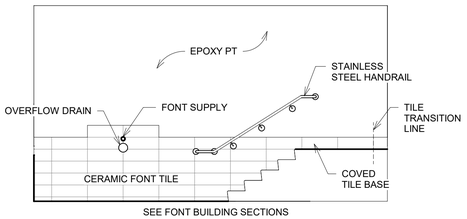
9/16/2024 2:23:50 PM



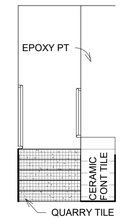
E1 ENLARGED RESTROOMS & FONT
1/4" = 1'-0"



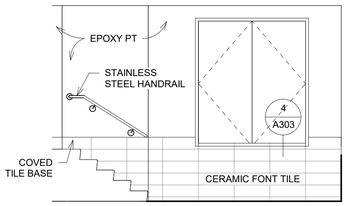
1 FONT A
1/4" = 1'-0"



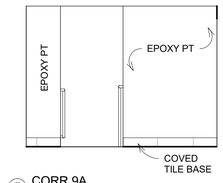
2 FONT B
1/4" = 1'-0"



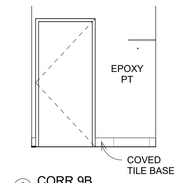
3 FONT C
1/4" = 1'-0"



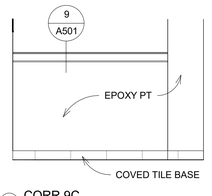
4 FONT D
1/4" = 1'-0"



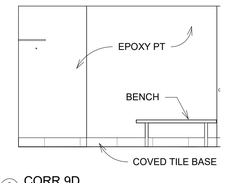
5 CORR 9A
1/4" = 1'-0"



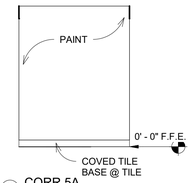
6 CORR 9B
1/4" = 1'-0"



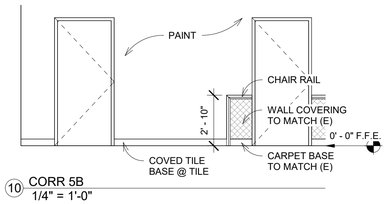
7 CORR 9C
1/4" = 1'-0"



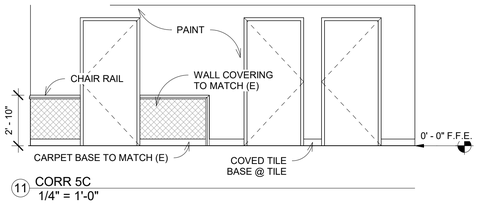
8 CORR 9D
1/4" = 1'-0"



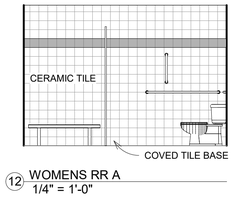
9 CORR 5A
1/4" = 1'-0"



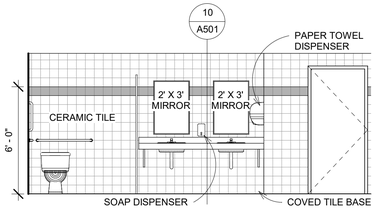
10 CORR 5B
1/4" = 1'-0"



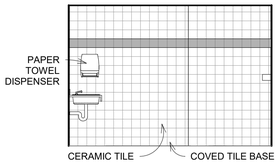
11 CORR 5C
1/4" = 1'-0"



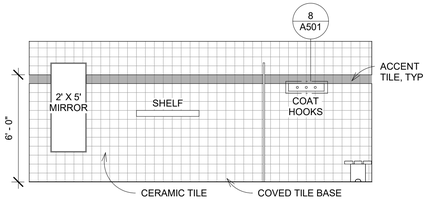
12 WOMENS RR A
1/4" = 1'-0"



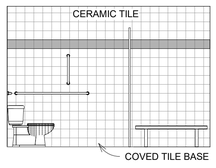
13 WOMENS RR B
1/4" = 1'-0"



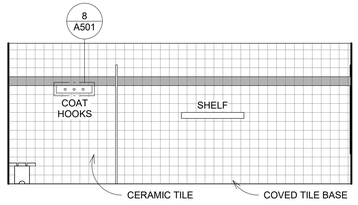
14 WOMENS RR C
1/4" = 1'-0"



15 WOMENS RR D
1/4" = 1'-0"



16 MENS RR A
1/4" = 1'-0"



17 MENS RR B
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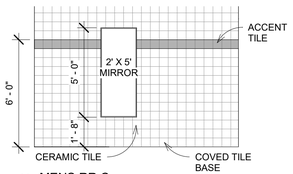
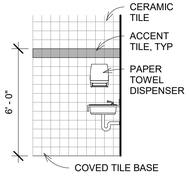
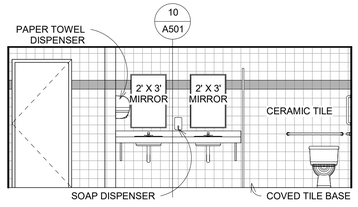


18 MENS RR C
1/4" = 1'-0"

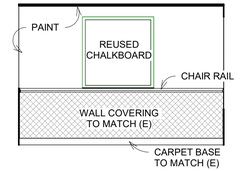
19 MENS RR D
1/4" = 1'-0"



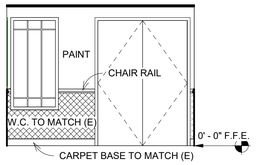
20 MENS RR E
1/4" = 1'-0"



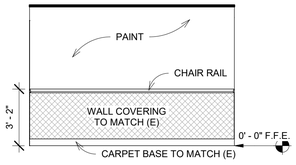
21 MENS RR F
1/4" = 1'-0"



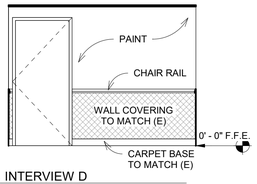
22 INTERVIEW A
1/4" = 1'-0"



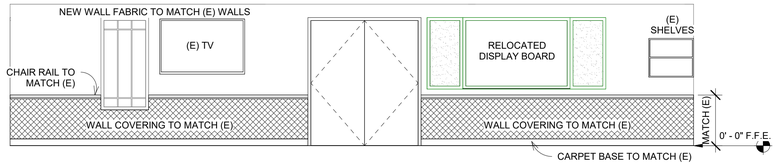
23 INTERVIEW B
1/4" = 1'-0"



24 INTERVIEW C
1/4" = 1'-0"



25 INTERVIEW D
1/4" = 1'-0"



26 RELIEF SOCIETY WALL
1/4" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
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R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

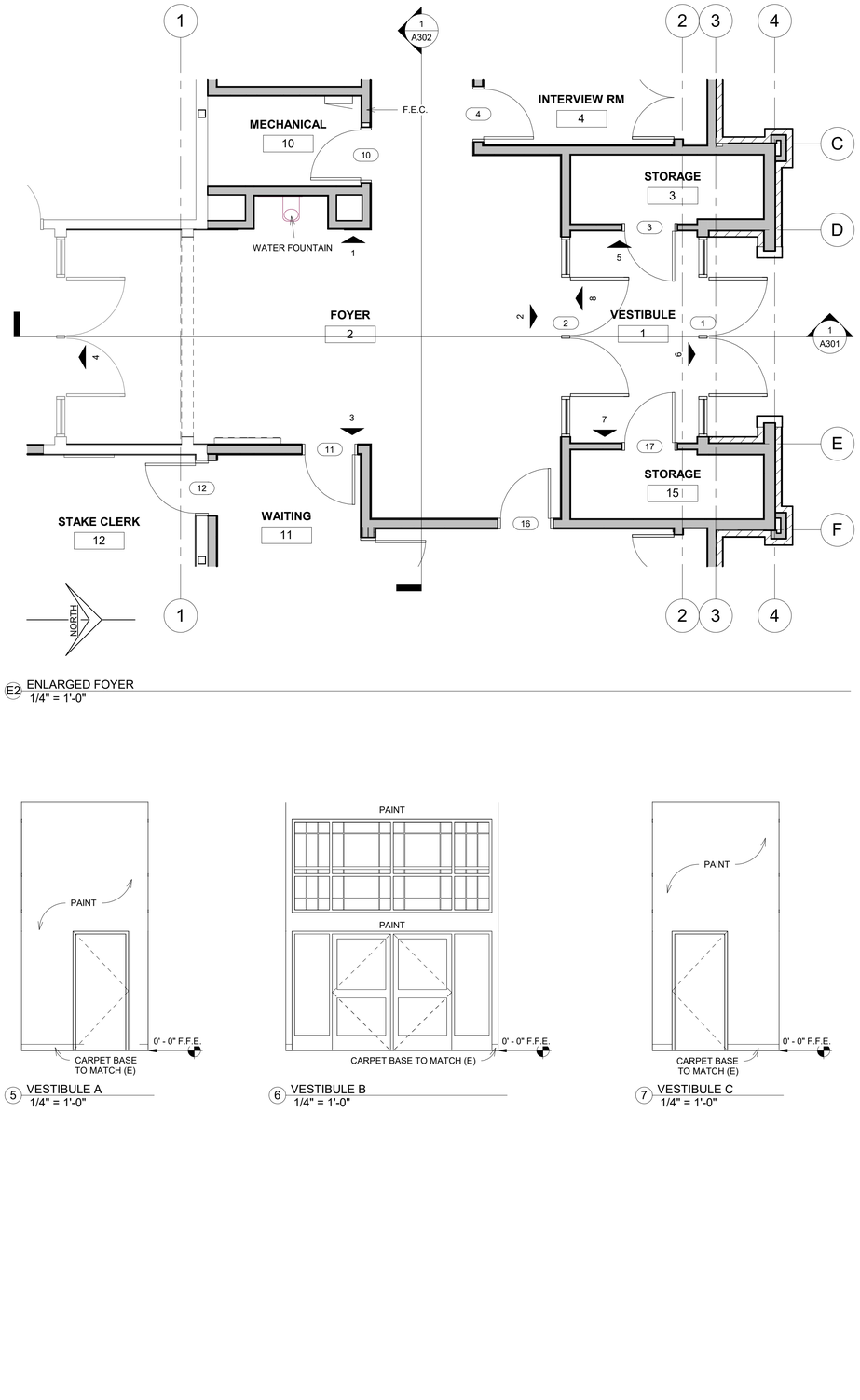
Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

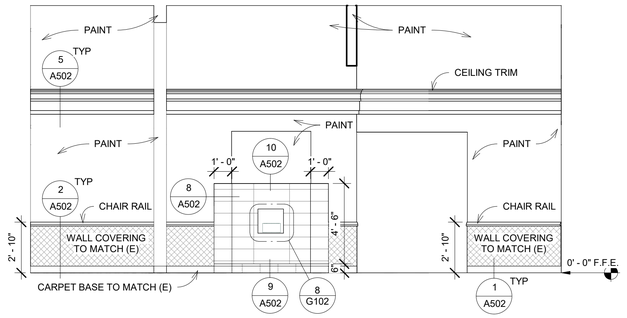
Sheet Title: ENLARGED RESTROOMS & FONT

Sheet: A401

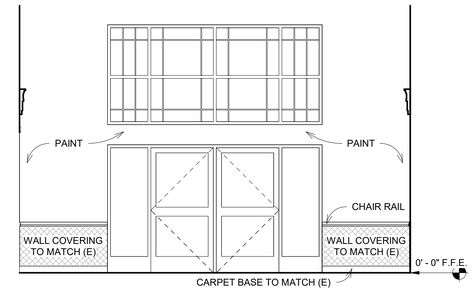
9/16/2024 2:23:53 PM



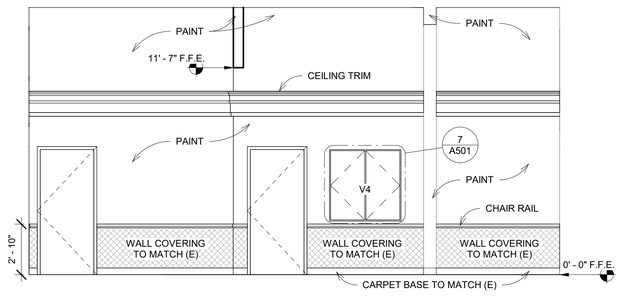
E2 ENLARGED FOYER
1/4" = 1'-0"



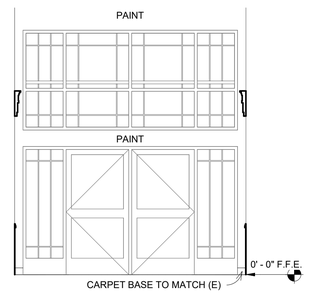
1 FOYER A
1/4" = 1'-0"



2 FOYER B
1/4" = 1'-0"



3 FOYER C
1/4" = 1'-0"

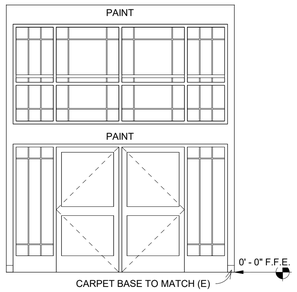


4 FOYER D
1/4" = 1'-0"

5 VESTIBULE A
1/4" = 1'-0"

6 VESTIBULE B
1/4" = 1'-0"

7 VESTIBULE C
1/4" = 1'-0"



8 VESTIBULE D
1/4" = 1'-0"

Architect / Engineer:
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THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

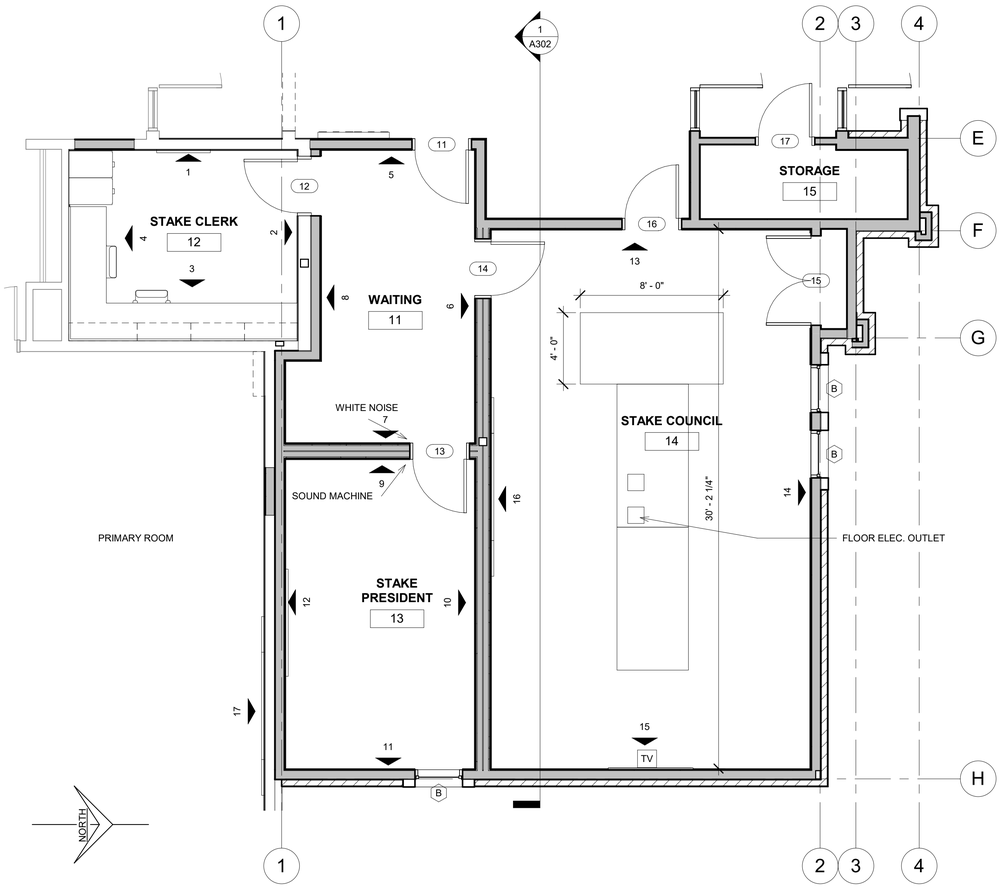
Mark	Date (D-MM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

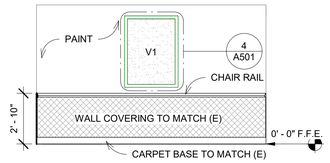
Sheet Title: ENLARGED FOYER

Sheet: A402

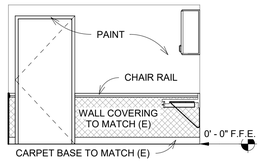
9/16/2024 2:23:54 PM



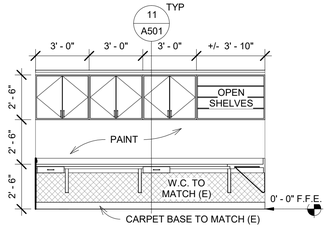
E3 ENLARGED STAKE OFFICES
1/4" = 1'-0"



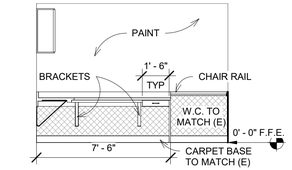
1 CLERK A
1/4" = 1'-0"



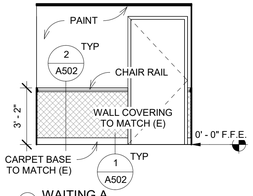
2 CLERK B
1/4" = 1'-0"



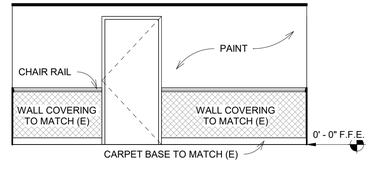
3 CLERK C
1/4" = 1'-0"



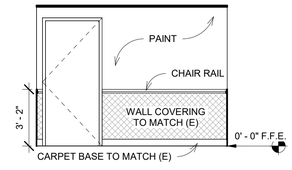
4 CLERK D
1/4" = 1'-0"



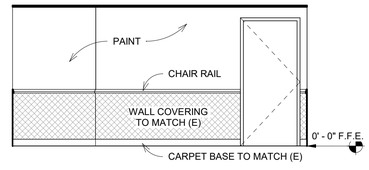
5 WAITING A
1/4" = 1'-0"



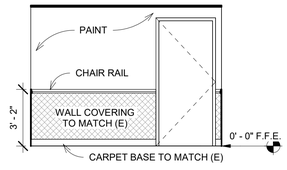
6 WAITING B
1/4" = 1'-0"



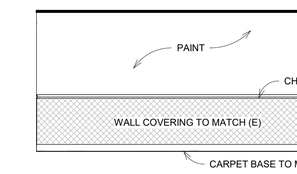
7 WAITING C
1/4" = 1'-0"



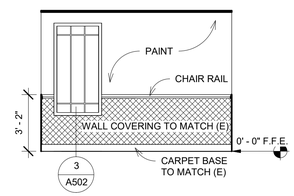
8 WAITING D
1/4" = 1'-0"



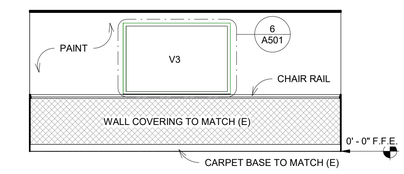
9 PRESIDENT A
1/4" = 1'-0"



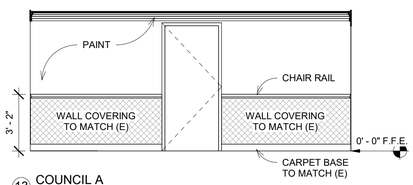
10 PRESIDENT B
1/4" = 1'-0"



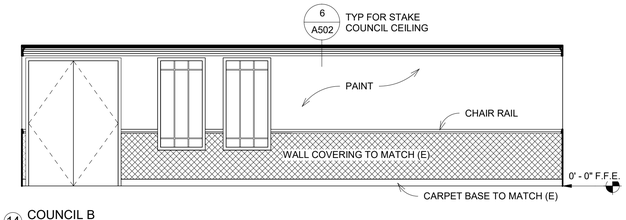
11 PRESIDENT C
1/4" = 1'-0"



12 PRESIDENT D
1/4" = 1'-0"



13 COUNCIL A
1/4" = 1'-0"



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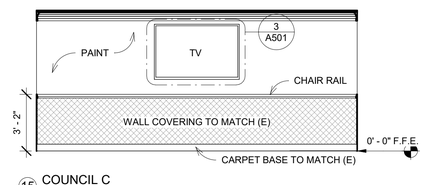

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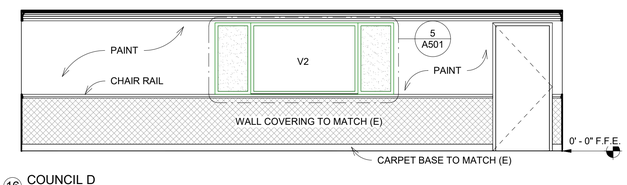
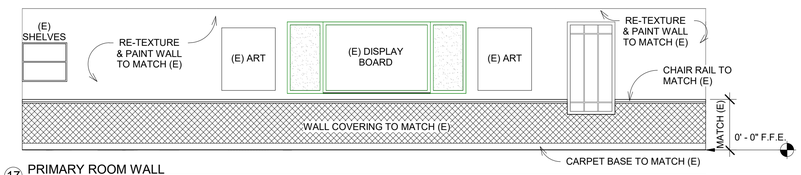


16 COUNCIL D
1/4" = 1'-0"



17 PRIMARY ROOM WALL
1/4" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title:
ENLARGED STAKE OFFICES

Sheet:
A403

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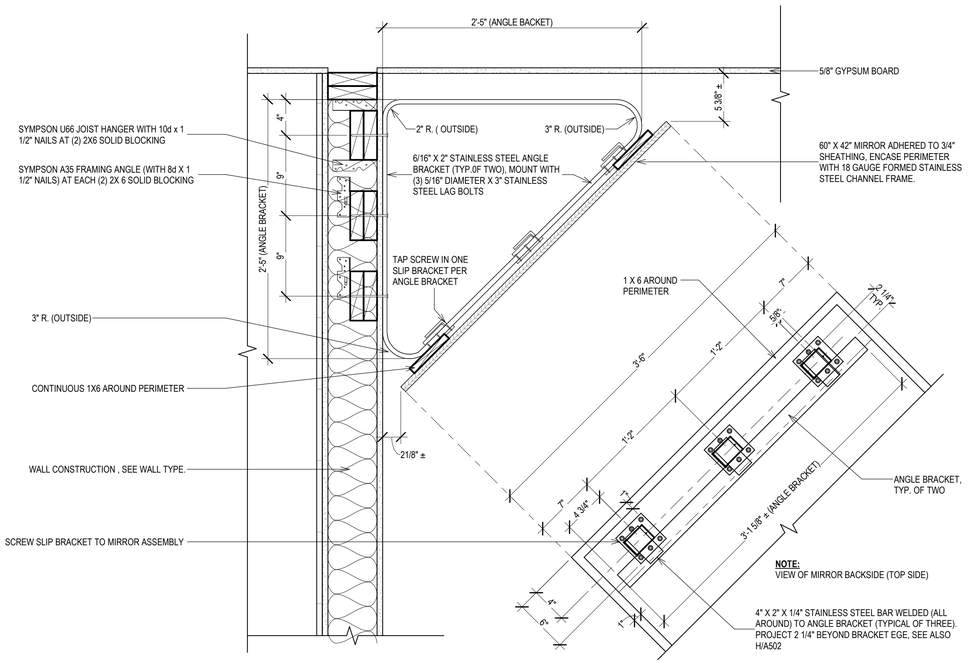
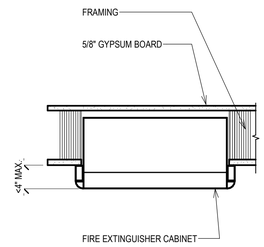
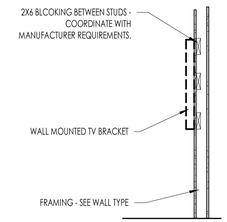


1 FONT VIEWING MIRROR
1 1/2" = 1'-0"

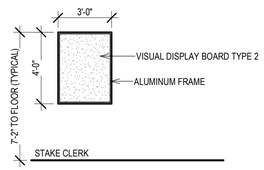


2 FIRE EXTINGUISHER CABINET
1 1/2" = 1'-0"

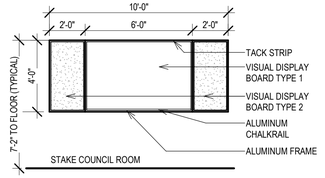
NOTE: COORDINATE POWER AND MOUNTING TYPE WITH PROJECT MANGER



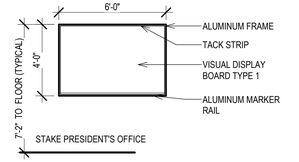
3 WALL MOUNTED TV DETAIL
1/2" = 1'-0"



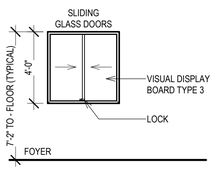
4 V1 DISPLAY BOARD
1/4" = 1'-0"



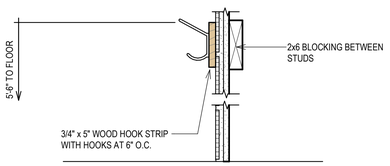
5 V2 DISPLAY BOARD
1/4" = 1'-0"



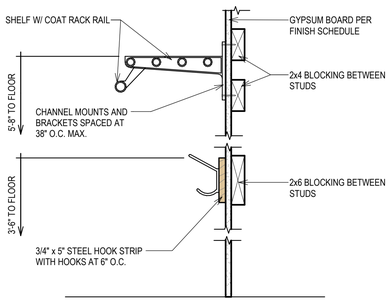
6 V3 DISPLAY BOARD
1/4" = 1'-0"



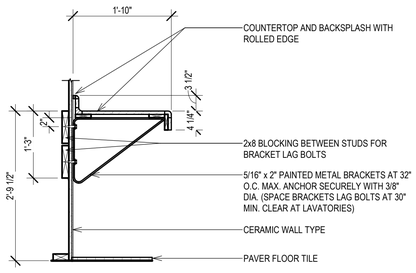
7 V4 DISPLAY BOARD
1/4" = 1'-0"



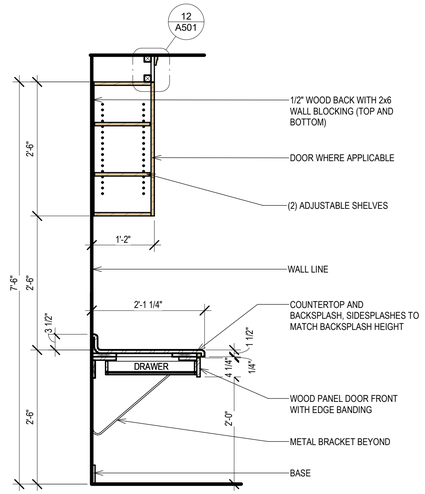
8 COAT RACK DETAIL
1 1/2" = 1'-0"



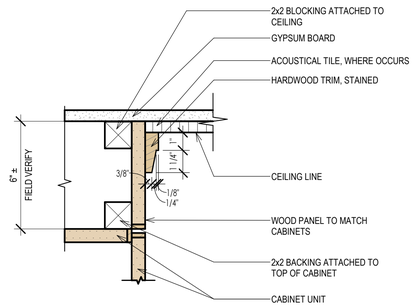
9 SHELF & RAIL DETAIL
1 1/2" = 1'-0"



10 BATHROOM COUNTER SECTION
3/4" = 1'-0"



11 CLERK CASEWORK SECTION
3/4" = 1'-0"



12 SOFFIT DETAIL
3" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: DETAILS - INTERIOR

Sheet: A501

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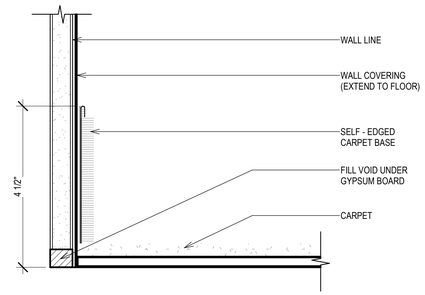
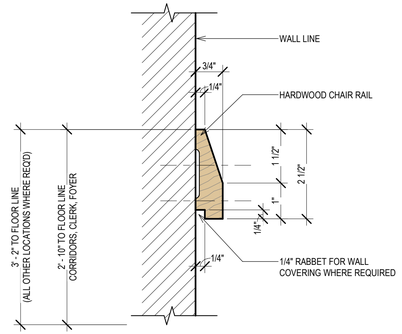
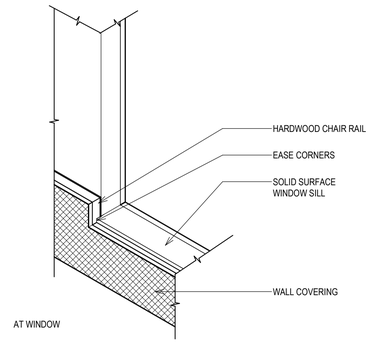


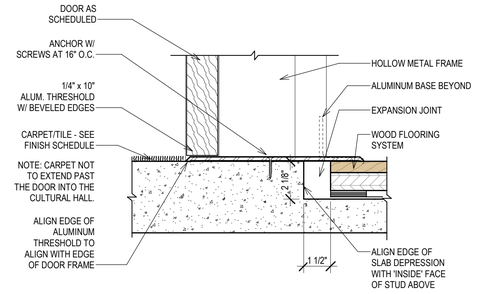
1 CARPET BASE DETAIL
6" = 1'-0"



2 CHAIR RAIL DETAIL
6" = 1'-0"

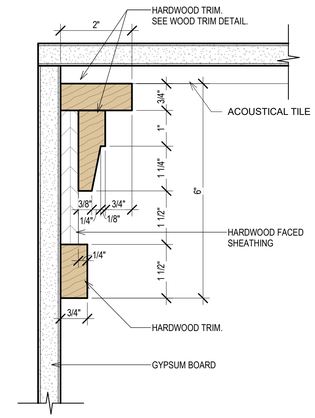


3 CHAIR RAIL @ WINDOW
3/4" = 1'-0"

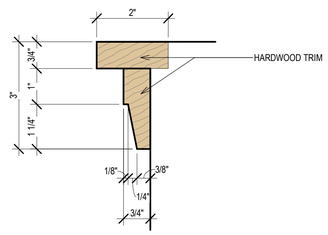


4 THRESHOLD @ FLOOR TRANSITION
3" = 1'-0"

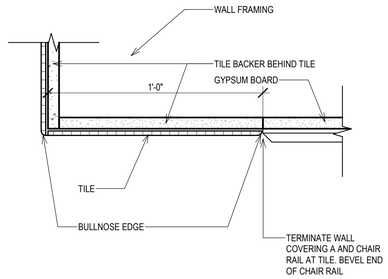
5 CEILING TRIM DETAIL
6" = 1'-0"



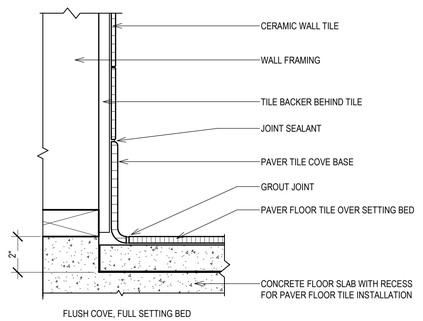
6 CEILING TRIM 2 DETAIL
6" = 1'-0"



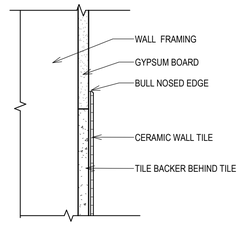
7 WOOD TRIM DETAIL
6" = 1'-0"



8 CORNER WALL TILE
3" = 1'-0"



9 PAVER TILE BASE
3" = 1'-0"



10 WALL TILE EDGE
3" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED
ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT
LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (M-D-Y)	Description

Project Number:
24001
Plan Series:
Property Number:
5978778

Sheet Title:
DETAILS - INTERIOR

Sheet:
A502

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Door Schedule

DOOR	ROOM	EL	Width	Height	Thickness	DOOR Material	DOOR Finish	DOOR Accessories	ACCESS CONTROL	FRAME Material	FRAME Finish	Door Glass	Comments
1	VESTIBULE	a	3' - 6"	7' - 0"	2"	ALUMINUM STOREFRONT	FF			ALUMINUM STOREFRONT	FF	TEMPERED	
2	VESTIBULE	a	3' - 6"	7' - 0"	2"	ALUMINUM STOREFRONT	FF			ALUMINUM STOREFRONT	FF	TEMPERED	
3	STORAGE	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
4	INTERVIEW RM	e	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL		TEMPERED	
5	INTERVIEW RM	c	5' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
6	MEN'S RR	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
7	WOMEN'S RR	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
8	CORR	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
9	FONT	b	6' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
10	MECHANICAL	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
11	WAITING	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
12	STAKE CLERK	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
13	STAKE PRESIDENT	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
14	STAKE COUNCIL	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
15	STAKE COUNCIL	c	5' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
16	STAKE COUNCIL	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			
17	STORAGE	d	3' - 0"	7' - 0"	1 3/4"	SOLID CORE WOOD	STAIN TO MATCH (E)			HOLLOW METAL			

CLASSROOM: LEVER. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER ALWAYS OPENS FROM THE INSIDE.

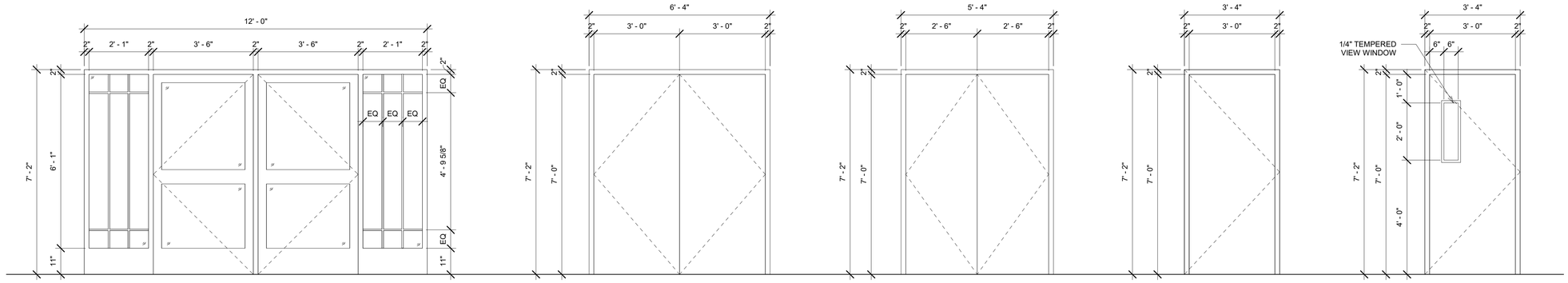
ENTRY: LEVER. KEY REQUIRED. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER ALWAYS OPENS FROM THE INSIDE.

PASSAGE: LEVER. ALWAYS UNLOCKED. LEVER OPENS FROM EITHER SIDE.

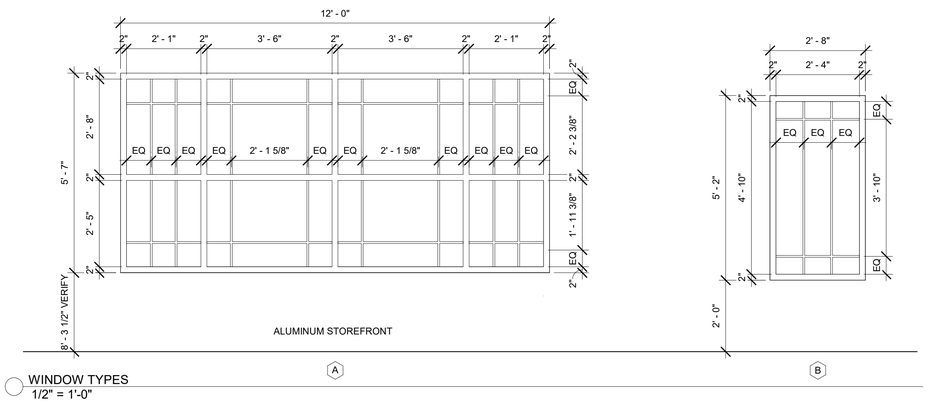
PRIVACY: LEVER. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER DEACTIVATES LOCK IN SINGLE MOTION.

STORAGE: LEVER. KEY REQUIRED. THE OUTSIDE LEVER IS ALWAYS LOCKED. LEVER ALWAYS OPENS FROM THE INSIDE.

DOOR HARDWARE GENERAL NOTES
1/4" = 1'-0"



DOOR TYPES
1/2" = 1'-0"



WINDOW TYPES
1/2" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: DOOR & WINDOW TYPES

Sheet: A601

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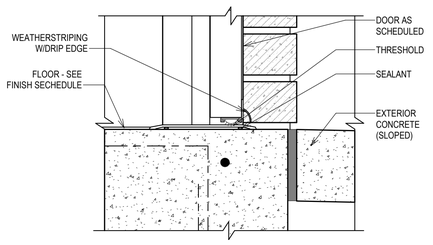
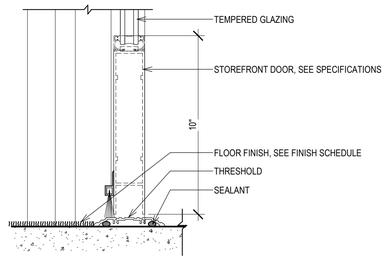
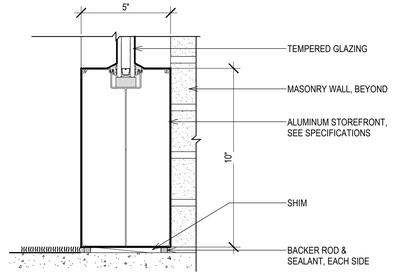


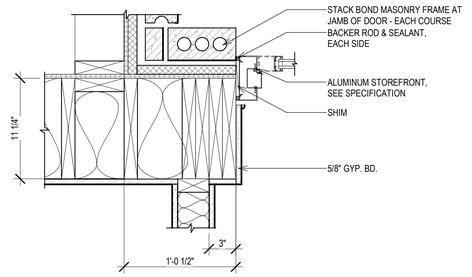
12 THRESHOLD @ EXTERIOR DOOR
3" = 1'-0"



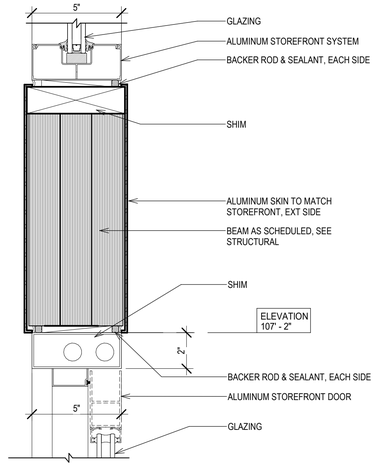
8 STOREFRONT DOOR THRESHOLD
3" = 1'-0"



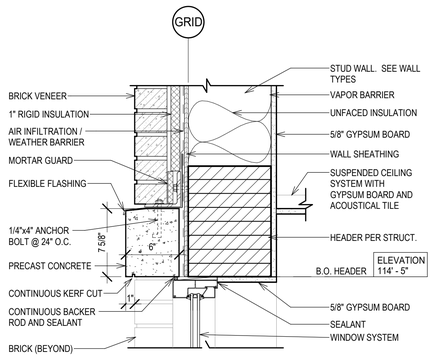
11 STOREFRONT SILL DETAIL
3" = 1'-0"



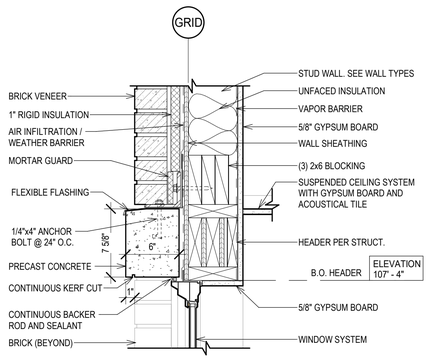
1 STOREFRONT - EXT DOOR JAMB
1 1/2" = 1'-0"



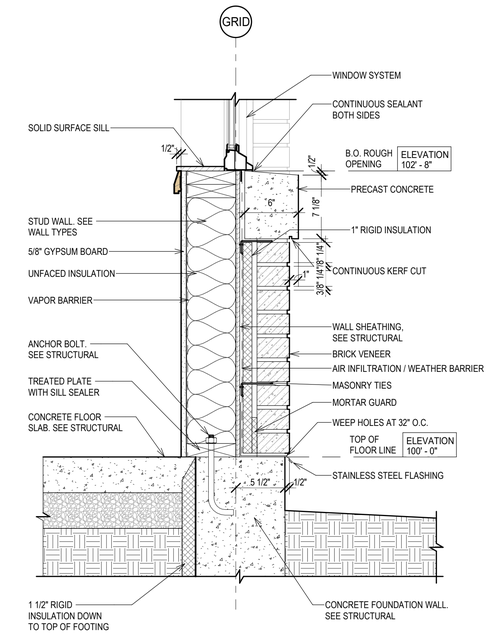
7 STOREFRONT DOOR @ BEAM
3" = 1'-0"



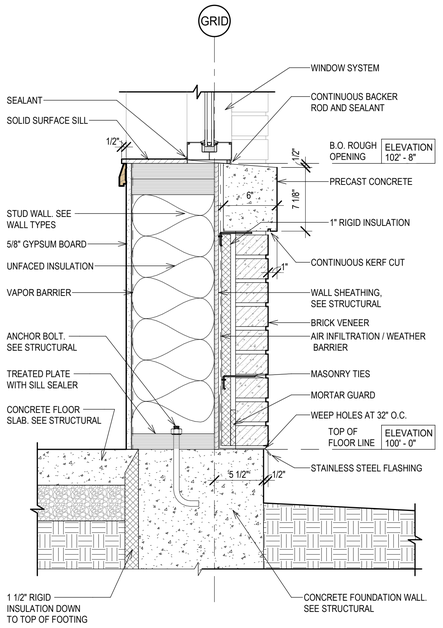
2 WINDOW HEAD - STOREFRONT
1 1/2" = 1'-0"



3 WINDOW HEAD @ 2x6 STUD
1 1/2" = 1'-0"



4 WINDOW SILL - 2X6 STUD
1 1/2" = 1'-0"



5 WINDOW SILL - STOREFRONT
1 1/2" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

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1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number:
24001
Plan Series:
Property Number:
5978778

Sheet Title:
DETAILS -
DOORS &
WINDOWS

Sheet:
A602

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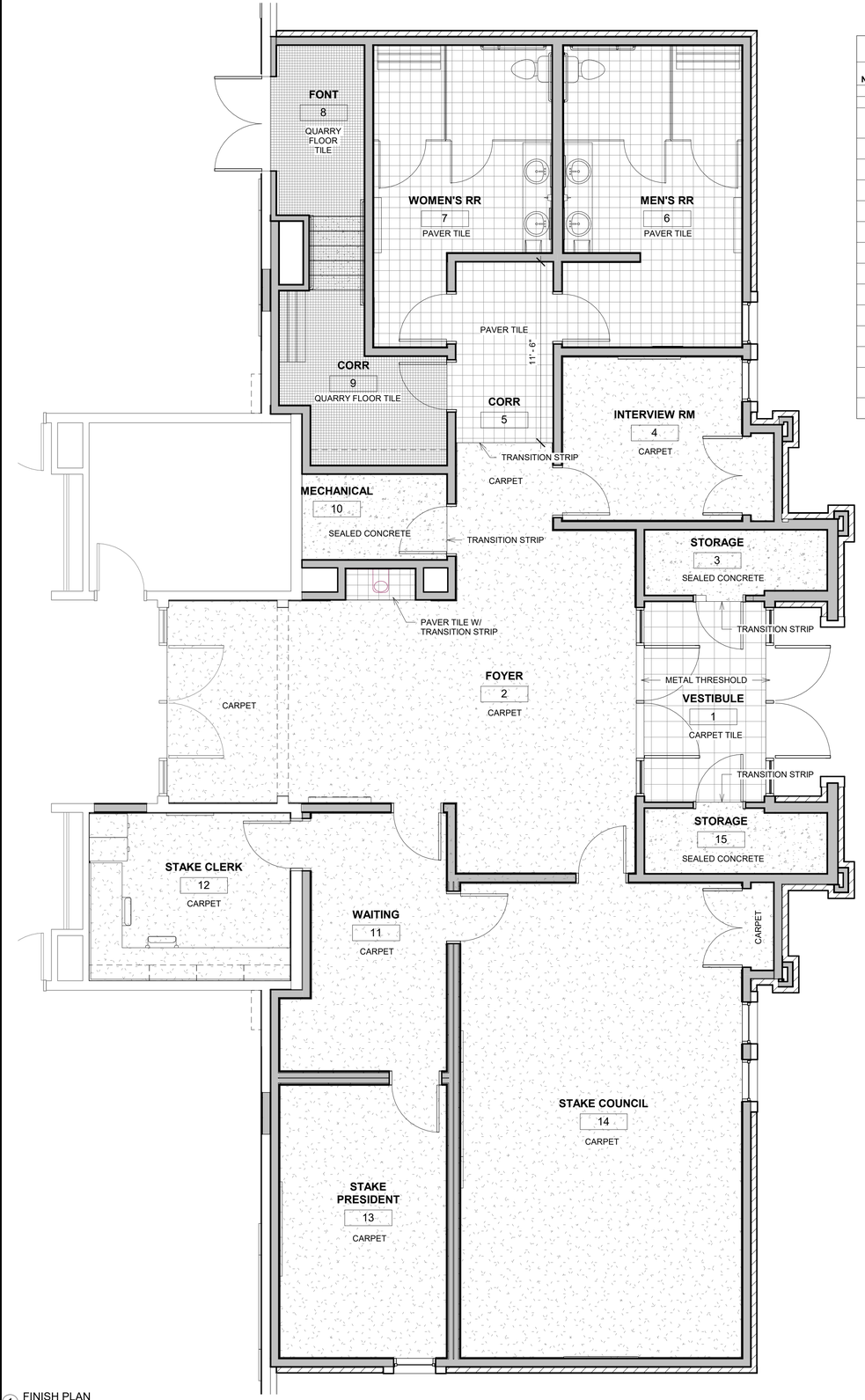

1 FINISH PLAN
1/4" = 1'-0"

Room Finish Schedule

Number	Name	Base Finish	Floor Finish	Materials				Finishes				Ceiling Material	Ceiling Finish	Remarks
				North	East	South	West	North	East	South	West			
1	VESTIBULE	CARPET BASE	CPT TILE	GYP BD	GYP BD	GYP BD	GYP BD	PAINT	PAINT	PAINT	PAINT	GYP BD	PAINT	
2	FOYER	CARPET BASE, 6" COVED PAVER TILE BASE	CARPET/ TILE	GYP BD/ TBB	GYP BD	GYP BD	GYP BD	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	GYP BD	PAINT	WALL COVERING WAINSCOT W/ PAINTED GYPSUM ABOVE, TBB & TILE @ D.F. PER INT ELEV
3	STORAGE	4" RUBBER BASE	SEALED CONC, PAINTED	GYP BD	GYP BD	GYP BD	GYP BD	PAINT	PAINT	PAINT	PAINT	GYP BD	PAINT	
4	INTERVIEW RM	CARPET BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	ACOUSTICAL TILE OVER GYP BD	-	WALL COVERING WAINSCOT W/ PAINTED GYPSUM ABOVE
5	CORR	CARPET BASE/ 6" COVED TILE	CARPET/ PAVER TILE	GYP BD	GYP BD	-	GYP BD	PAINT	WALL COVER/ PAINT	-	WALL COVER/ PAINT	GYP BD	PAINT	WALL COVERING WAINSCOT W/ PAINTED GYPSUM ABOVE
6	MEN'S RR	6" COVED PAVER TILE BASE	PAVER TILE	TBB	TBB	TBB	TBB	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	GYP BD	EPOXY PT	ACCENT TILE BAND @ 6'-0"
7	WOMEN'S RR	6" COVED PAVER TILE BASE	PAVER TILE	TBB	TBB	TBB	TBB	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	GYP BD	EPOXY PT	ACCENT TILE BAND @ 6'-0"
8	FONT	6" COVED PAVER TILE BASE	QUARRY FLOOR TILE	TBB	TBB	TBB	TBB	TILE/ EPOXY PT	TILE/ EPOXY PT	TILE/ EPOXY PT	TILE/ EPOXY PT	GYP BD	EPOXY PT	
9	CORR	6" COVED PAVER TILE BASE	QUARRY FLOOR TILE	TBB	TBB	TBB	TBB	EPOXY PAINT	EPOXY PAINT	EPOXY PAINT	EPOXY PAINT	GYP BD	EPOXY PT	
10	MECHANICAL	4" RUBBER BASE	SEALED CONC, PAINTED	GYP BD	GYP BD	GYP BD	GYP BD	PAINT	PAINT	PAINT	PAINT	GYP BD	PAINT	
11	WAITING	CARPET BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	GYP BD	PAINT	WALL COVERING WAINSCOT W/ PAINTED GYPSUM ABOVE
12	STAKE CLERK	CARPET BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	(E) ACOUSTICAL TILE OVER GYP BD	-	WALL COVERING WAINSCOT W/ PAINTED GYPSUM ABOVE
13	STAKE PRESIDENT	CARPET BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	ACOUSTICAL TILE OVER GYP BD	-	WALL COVERING WAINSCOT W/ PAINTED GYPSUM ABOVE
14	STAKE COUNCIL	CARPET BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	WALL COVER/ PAINT	SUSPENDED GYP SOFFIT, ACOUSTICAL TILE	PAINTED GYPSUM	WALL COVERING WAINSCOT W/ PAINTED GYPSUM ABOVE
15	STORAGE	4" RUBBER BASE	SEALED CONC, PAINTED	GYP BD	GYP BD	GYP BD	GYP BD	PAINT	PAINT	PAINT	PAINT	GYP BD	PAINT	

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: FINISHES

Sheet: F101

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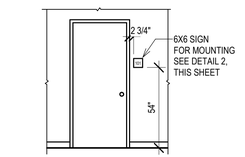
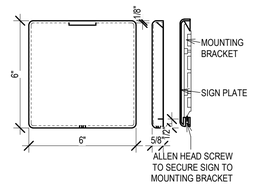
BUILDING SIGNAGE SCHEDULE

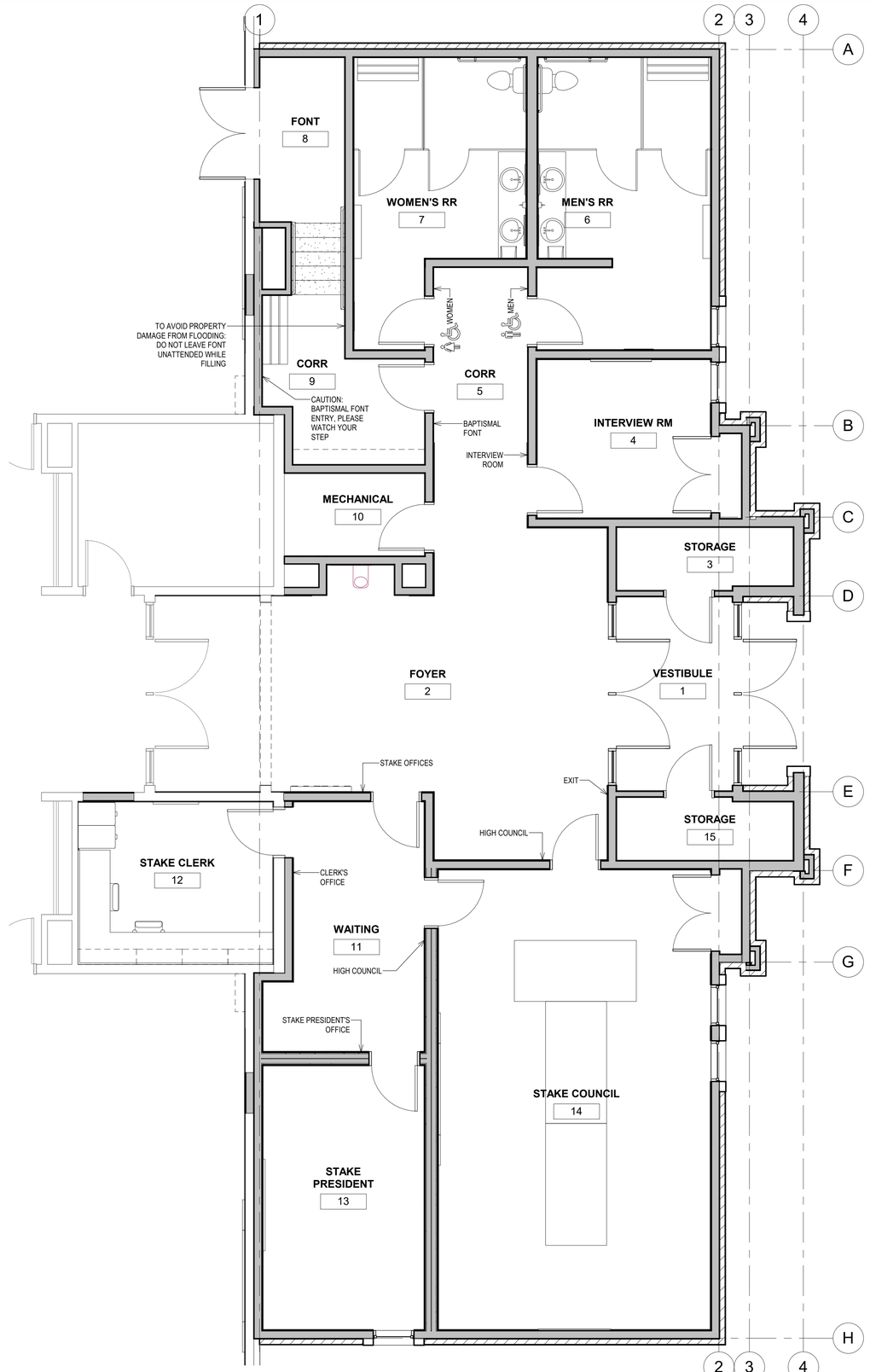
SIGNAGE ROOM NAME OR NUMBER	QUANTITY	SIZE	MOUNTING	PLAN ROOM #	NOTES
BAPTISMAL FONT	1	6" X 6"	1/A9-2	5	
CLERK'S OFFICE	1	6" X 6"	1/A9-2	12	
EXIT (TACTILE, BRAILLE)	1	6" X 6"	1/A9-2	2	
HIGH COUNCIL	2	6" X 6"	1/A9-2	14	
INTERVIEW ROOM	1	6" X 6"	1/A9-2	4	
MEN	1	6" X 6"	1/A9-2	6	
STAKE OFFICES	1	6" X 6"	1/A9-2	2	
STAKE PRESIDENT'S OFFICE	1	6" X 6"	1/A9-2	13	
WOMEN	1	6" X 6"	1/A9-2	7	
CAUTION: BAPTISMAL FONT ENTRY, PLEASE WATCH YOUR STEP	1	6" X 6"	MOUNT BELOW 'BAPTISMAL FONT' SIGN - SEE B/F103	9	
TO AVOID PROPERTY DAMAGE FROM FLOODING: DO NOT LEAVE FONT UNATTENDED WHILE FILLING	1	3" X 3"	MOUNT ON THE FACE OF THE DOOR OF THE FONT CONTROL BOX	9	



1 MOLDED SIGN MOUNTING
1/4" = 1'-0"



2 MOLDED SIGN PLATE DETAIL
3" = 1'-0"



3 ROOM SIGNAGE LOCATION
1/4" = 1'-0"

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (M-D-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: SIGNAGE

Sheet: F102

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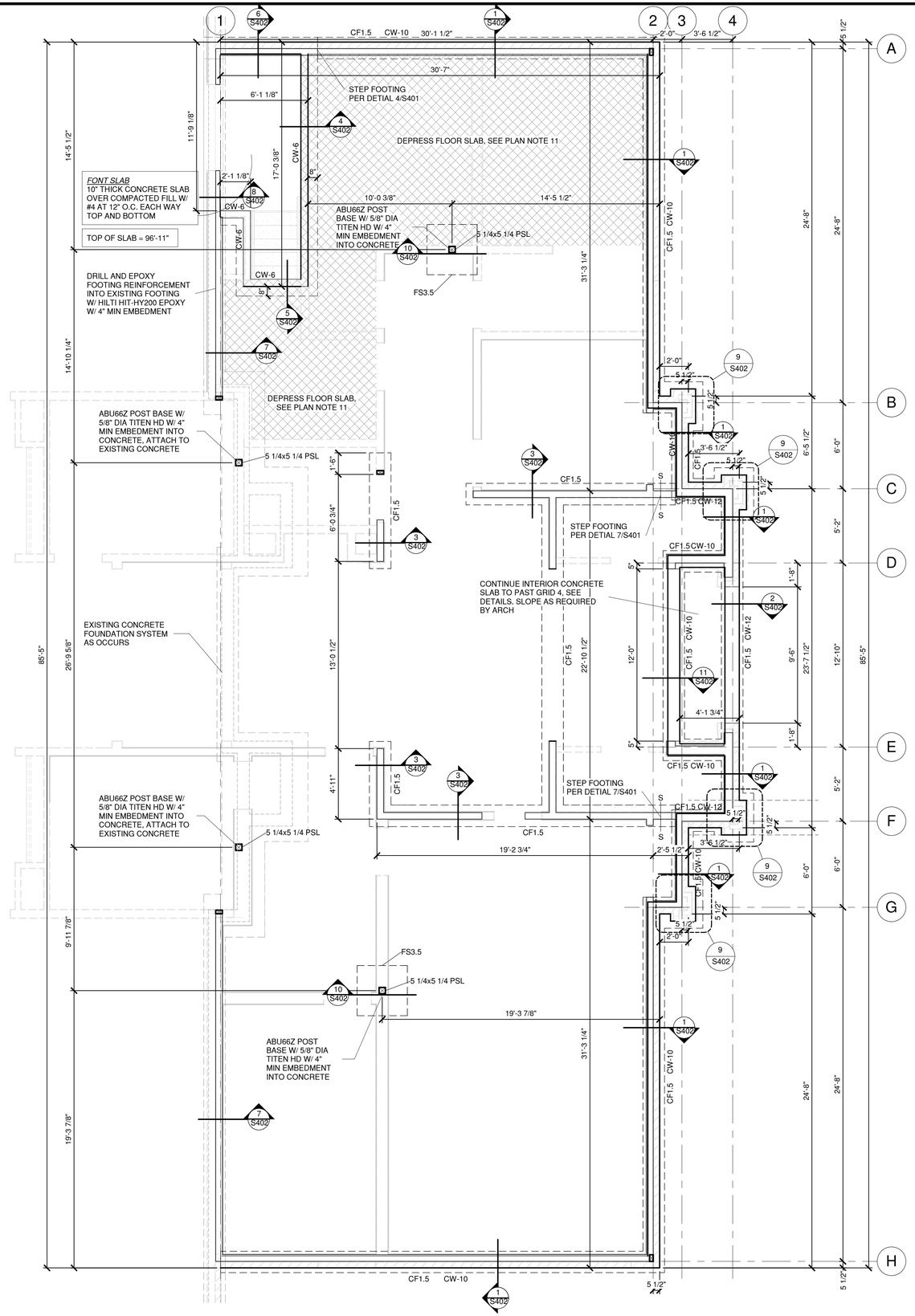

FOOTING AND FOUNDATION PLAN NOTES :

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 #3 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", UNLESS NOTED OTHERWISE.
6. SEE DETAIL 1/S401 FOR TYPICAL PIPE PERPENDICULAR AND PARALLEL TO FOOTING DETAIL.
7. SEE DETAIL 2/S401 FOR TYPICAL REINFORCING AT INTERSECTIONS IN CONCRETE WALLS.
8. SEE DETAIL 3/S401 FOR TYPICAL SILL PLATE BOLTING DETAIL.
9. SEE DETAIL 4/S401 FOR TYPICAL STEPPED FOOTING DETAILS.
10. SEE DETAIL 8/S401 FOR TYPICAL SLAB ON GRADE DETAIL.
11. DEPRESS FLOOR SLAB AS SHOWN ON PLANS FOR TILE/WOOD FLOOR SYSTEM. SEE 5/S401 FOR DETAIL AT STEP IN SLAB. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND SLOPES.
12. RECESS FOUNDATION WALL 8" AT DOORWAYS AND POUR SLAB THRU OPENINGS. SEE 2/S402.
13. SEE DETAIL 9/S401 WHERE SPOT FOOTINGS AND CONTINUOUS FOOTINGS ARE PLACED AT DIFFERENT TIMES.
14. SEE DETAIL 10/S401 FOR TYPICAL FOOTING OVER COMPACTED STRUCTURAL FILL.
15. ALL DIMENSIONS TO STUD WALLS ARE TO FACE OF STUD WALL.
16. SPOT FOOTINGS ARE TO BE CENTERED UNDER COLUMN OR HOLD-DOWN.
17. TOP OF EXTERIOR FOOTING 98'-0" TYPICAL UNLESS NOTED OTHERWISE AT ALL EXTERIOR FOOTINGS.
18. TOP OF INTERIOR FOOTINGS 99'-6" TYPICAL UNLESS NOTED OTHERWISE AT ALL INTERIOR FOOTINGS.
19. SEE LEGEND ON S601 FOR SYMBOLS AND ABBREVIATIONS.
20. SEE 7/S401 FOR INTERIOR FOOTING AT EXTERIOR FOUNDATION WALL CONNECTION

FOUNDATION PLAN

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

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (DM-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: FOUNDATION PLAN

Sheet: S101

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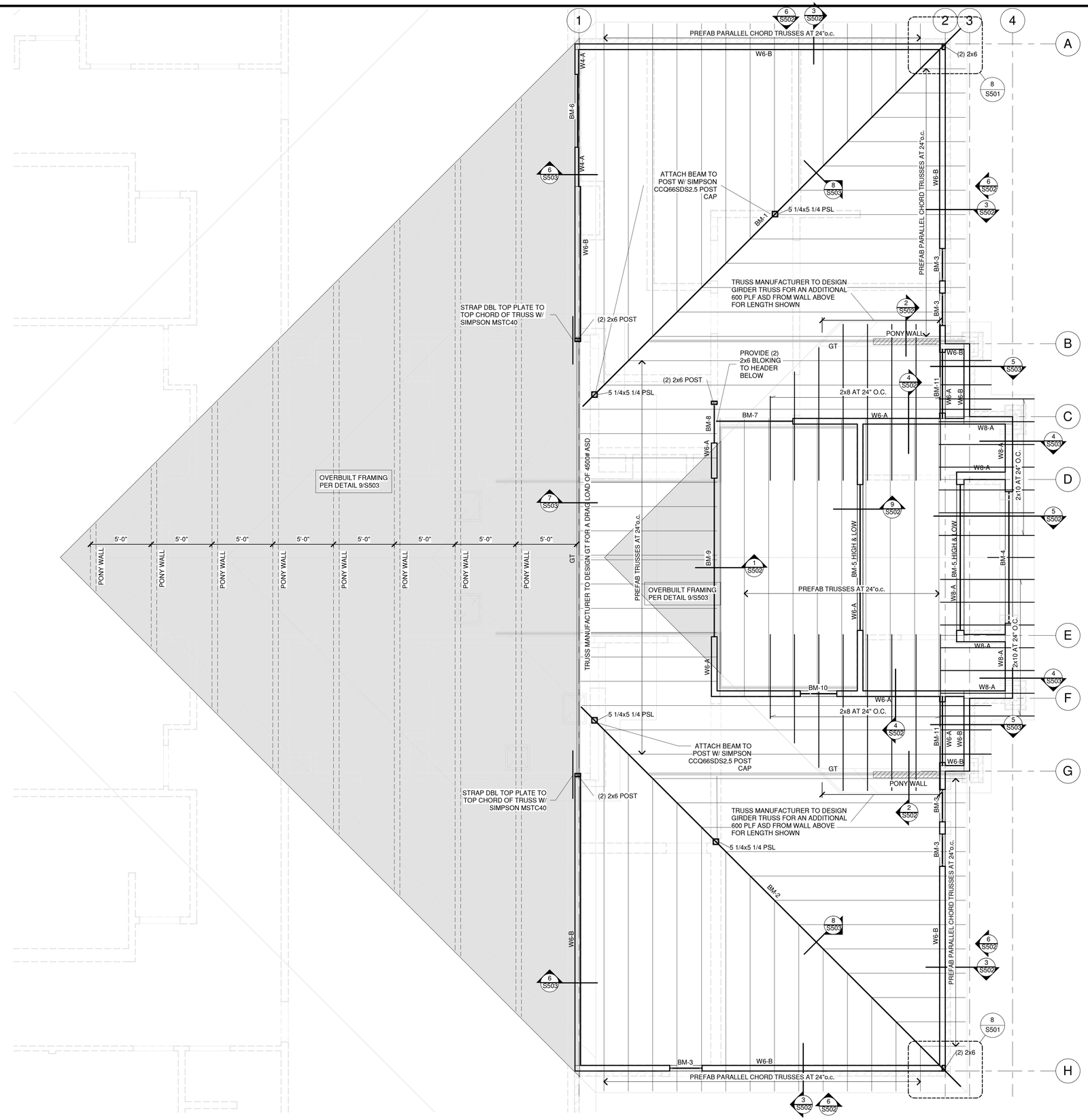

ROOF FRAMING PLAN NOTES :

1. SEE DETAIL 1/S501 FOR TYPICAL TOP PLATE SPLICE DETAIL.
2. SEE DETAIL 2/S501 FOR TOP PLATE SPLICE DETAIL FOR PIPES THAT PENETRATE TOP PLATES.
3. SEE DETAILS 3/S501 AND 4/S501 FOR SHEAR 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 REQUIREMENTS.
6. SEE ARCHITECTURAL PLANS FOR ROOF AND BEARING WALL 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 5/S501, 6/S501, AND 7/S501 FOR BRACING AT NON-BEARING WALLS.
9. ALL TRUSSES SPACED AT 2'-0" O.C., UNLESS NOTED OTHERWISE.
10. (3) PLY GIRDER TRUSS PER MANUFACTURER. MATCH ADJACENT TRUSS PROFILE. PROVIDE ONE BEARING STUD PER PLY UNDER TRUSS AT BEARING CONDITION.
11. OVERBUILD PONY WALLS (MAX 5'-0" SPACING FOR 2x6 OVERBUILD FRAMING AT 16" O.C. W/ SIMPSON LUS26 HANGER) PER DETAIL 9/S503

ROOF LOADING

ASPHALT SHINGLES	= 4.0 psf
TRUSSES	= 4.0 psf
SHEATHING	= 2.5 psf
CEILING / INSULATION	= 4.0 psf
MECHANICAL	= 1.0 psf
LIGHTING	= 1.0 psf
COLLATORAL	= 3.5 psf
TOTAL DEAD LOAD	**= 20 psf**
ROOF LIVE LOAD	**= 20 psf**
SNOW LOAD	**= 25 psf**
TOTAL ROOF LOAD	**= 45 psf**

ROOF FRAMING PLAN

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

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: ROOF FRAMING PLAN

Sheet: S102

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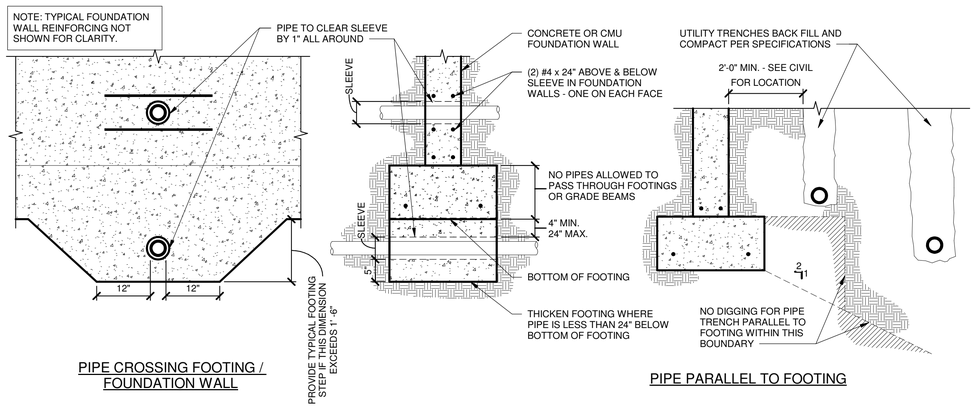
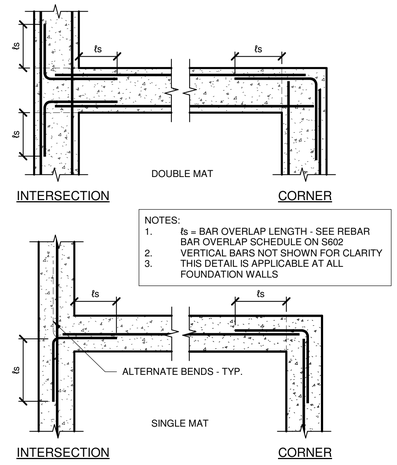


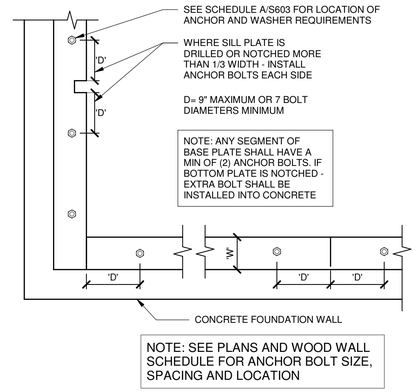
PIPE CROSSING FOOTING / FOUNDATION WALL

PIPE PARALLEL TO FOOTING

1 TYPICAL PIPE PERPENDICULAR AND PARALLEL TO FOOTING
SCALE: NTS

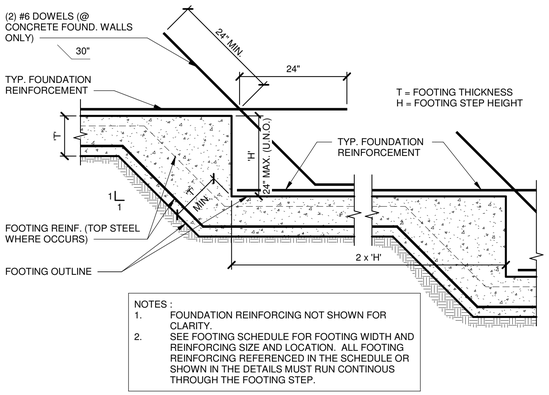


2 TYPICAL REINFORCING AT INTERSECTIONS IN CONCRETE WALLS
SCALE: NTS



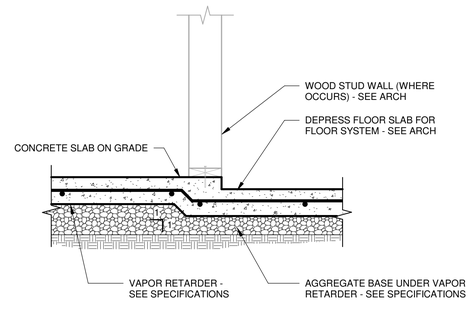
NOTE: SEE PLANS AND WOOD WALL SCHEDULE FOR ANCHOR BOLT SIZE, SPACING AND LOCATION

3 TYPICAL SILL PLATE BOLTING DETAIL
SCALE: NTS

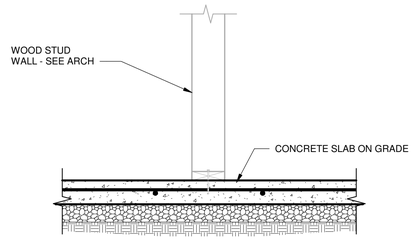


NOTES :
1. FOUNDATION REINFORCING NOT SHOWN FOR CLARITY.
2. SEE FOOTING SCHEDULE FOR FOOTING WIDTH AND REINFORCING SIZE AND LOCATION. ALL FOOTING REINFORCING REFERENCED IN THE SCHEDULE OR SHOWN IN THE DETAILS MUST RUN CONTINOUS THROUGH THE FOOTING STEP.

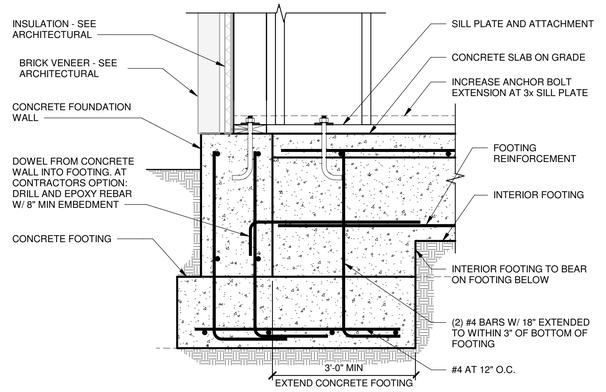
4 TYPICAL STEPPED FOOTING
SCALE: NTS



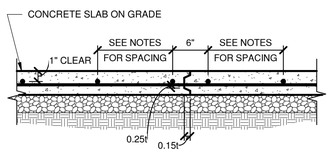
5 TYPICAL NON-STRUCTURAL WOOD STUD WALL AT DEPRESSED CONCRETE SLAB ON GRADE
SCALE: NTS



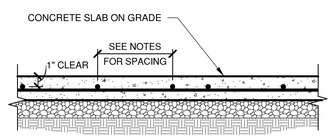
6 TYPICAL NON-STRUCTURAL STUD AT SLAB ON GRADE
SCALE: NTS



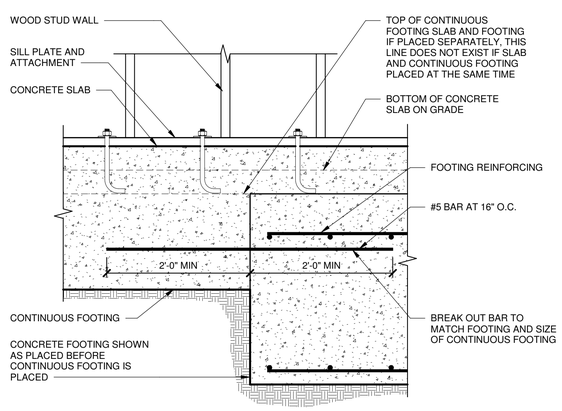
7 TYPICAL FOOTING STEP AT EXTERIOR FOUNDATION WALL
SCALE: NTS



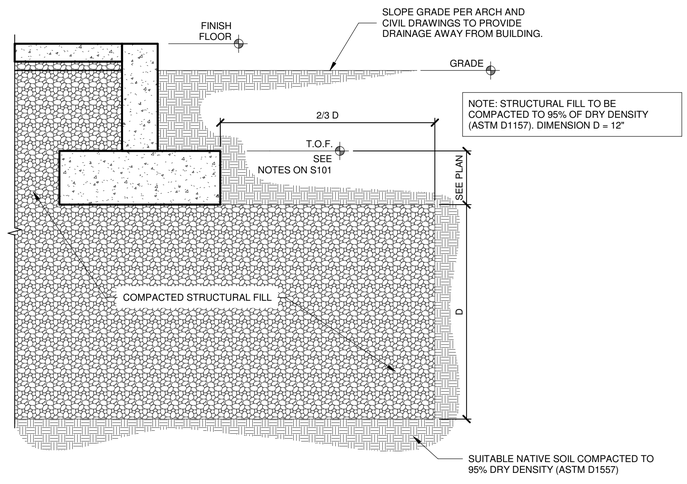
CONSTRUCTION JOINT



8 TYPICAL SLAB ON GRADE DETAILS
SCALE: NTS



9 TYPICAL CONNECTION OF SPOT TO CONTINUOUS FOOTING WHEN FTGS PLACED AT DIFFERENT TIMES
SCALE: NTS



10 TYPICAL FOOTING OVER COMPACTED STRUCTURAL FILL
SCALE: NTS

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: FOUNDATION DETAILS

Sheet: S401

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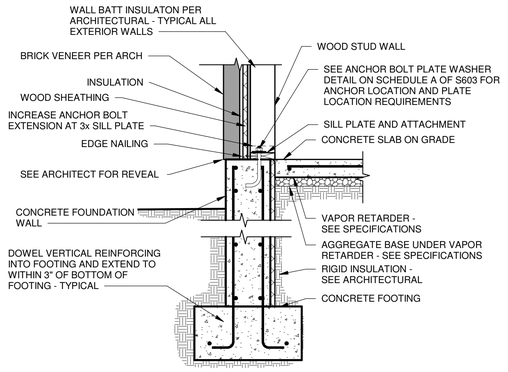
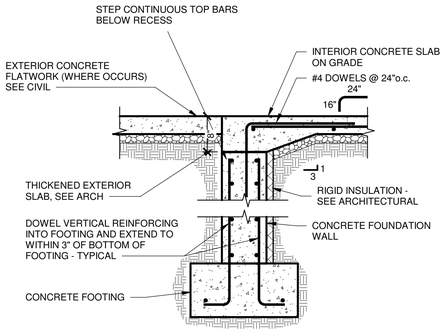
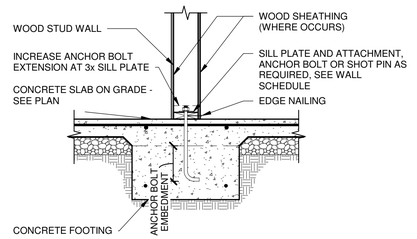


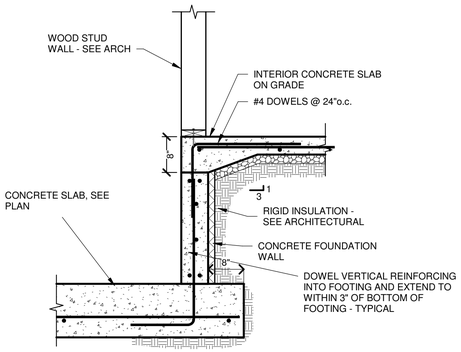
1 **SECTION AT EXTERIOR WALL**
SCALE: NTS



2 **SECTION AT FOUNDATION WALL RECESS AT OPENINGS**
SCALE: NTS



3 **INTERIOR CONCRETE FOOTING**
SCALE: NTS



4 **FONT WALL**
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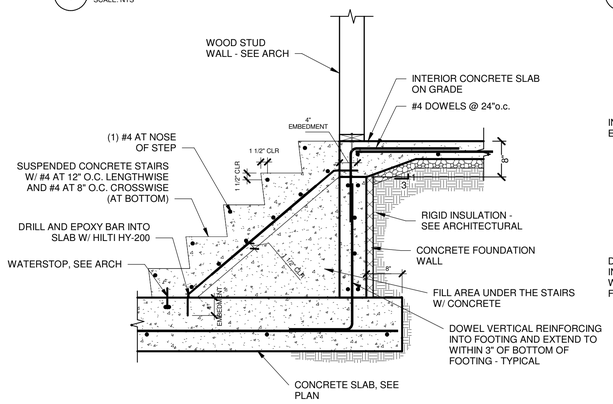
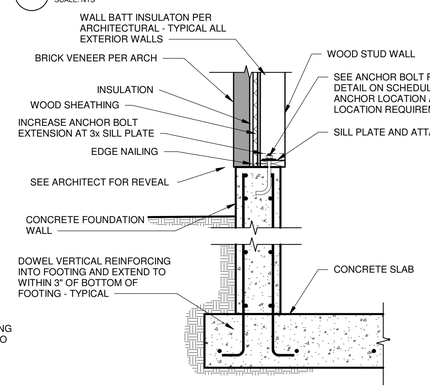
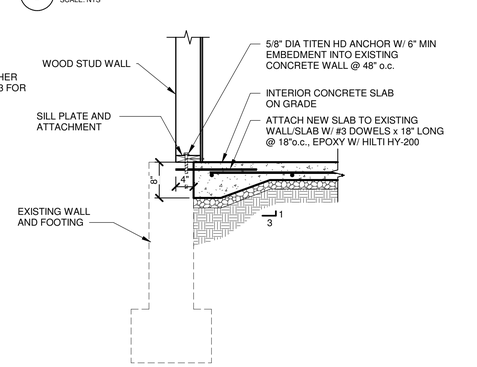


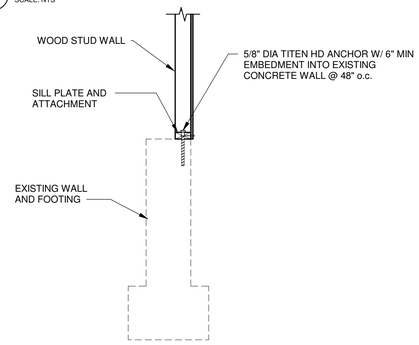
5 **FONT STAIRS**
SCALE: NTS



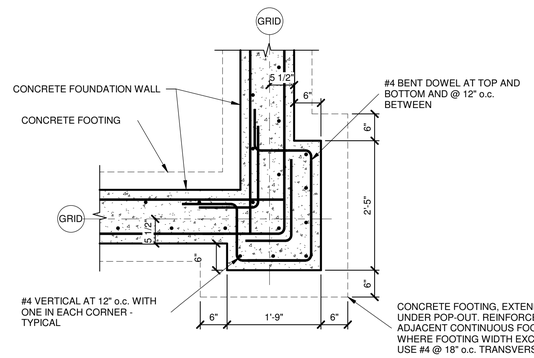
6 **FONT AT EXTERIOR WALL**
SCALE: NTS



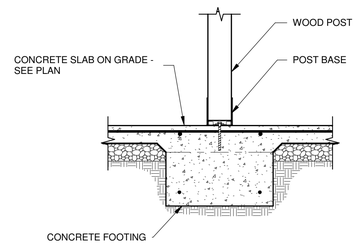
7 **FONT AT EXTERIOR WALL**
SCALE: NTS



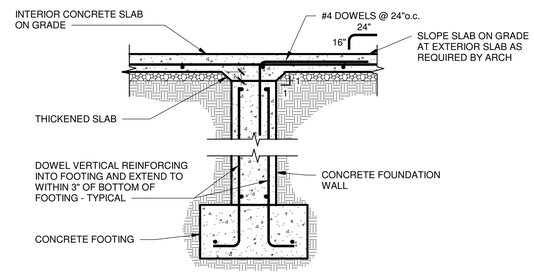
8 **FONT AT EXTERIOR WALL**
SCALE: NTS



9 **FOUNDATION POP-OUT CONFIGURATION AT FRONT OF BUILDING**
SCALE: NTS



10 **INTERIOR CONCRETE FOOTING**
SCALE: NTS



11 **SECTION AT FOUNDATION WALL RECESS AT OPENINGS**
SCALE: NTS

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-9050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

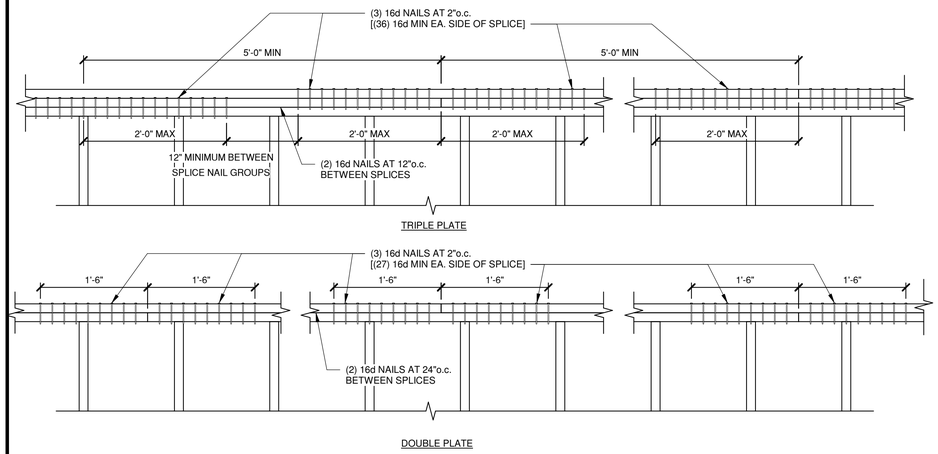
Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: FOUNDATION DETAILS

Sheet: S402

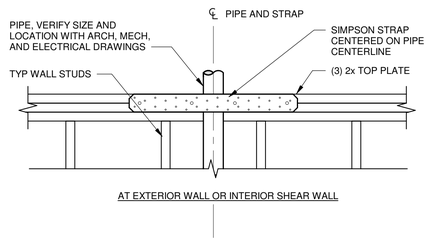
8/27/2024 9:35:36 AM



1 **TYPICAL TOP PLATE SPLICE DETAIL**
SCALE: NTS

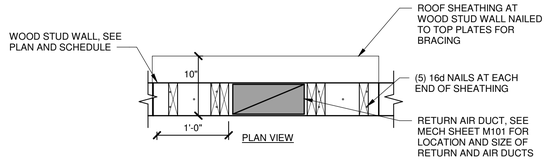
TOP PLATE SPLICE PENETRATION SCHEDULE (2x6 WALLS ONLY)

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	MSTC28 CENTERED BETWEEN (2) TOP PLATES WITH (16) 16d x 3 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.	



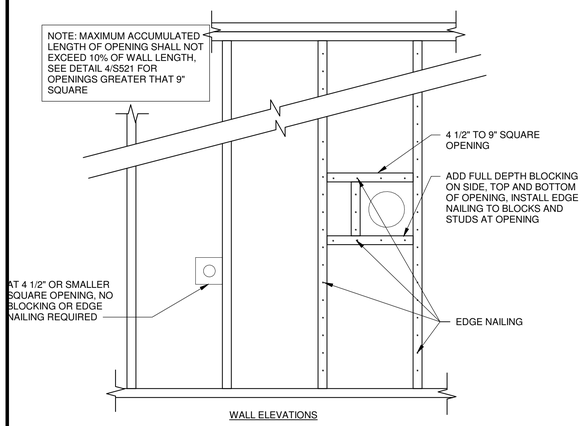
AT EXTERIOR WALL OR INTERIOR SHEAR WALL

2 **TYPICAL TOP PLATE SPLICE PENETRATION SCHEDULE AT PIPE**
SCALE: NTS



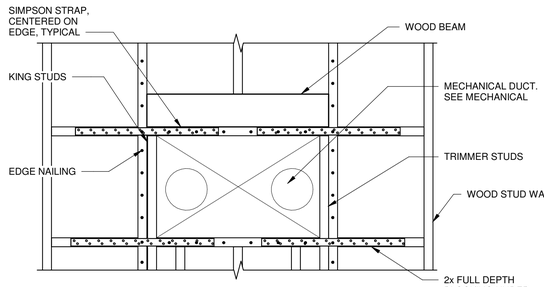
AT DUCT IN NON-STRUCTURAL WALL

NOTE:
AT CONTRACTORS OPTION MAY USE METAL STRAP SPLICE



WALL ELEVATIONS

3 **TYPICAL WALL PENETRATIONS LESS THAN 9" SQUARE**
SCALE: NTS

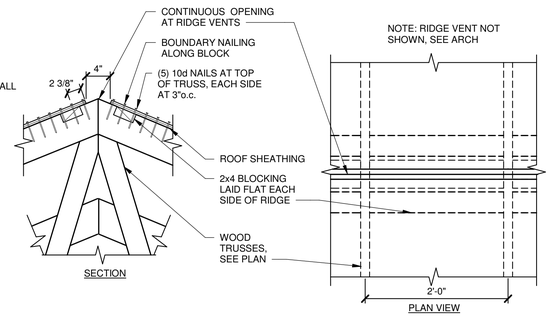


ELEVATION

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

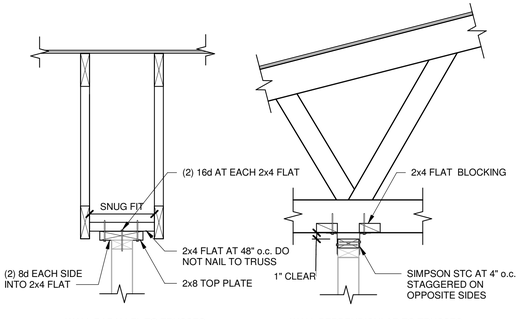
4 **TYPICAL WALL PENETRATIONS SCHEDULE FOR PENETRATIONS GREATER THAN 9" SQUARE**
SCALE: NTS



SECTION

PLAN VIEW

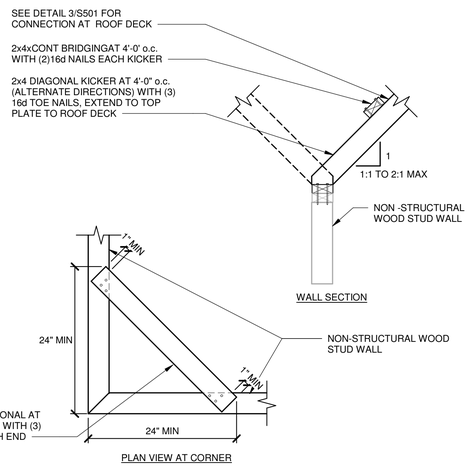
5 **TYPICAL RIDGE DETAIL AT RIDGE VENT LOCATIONS**
SCALE: NTS



WALL PARALLEL TO TRUSSES

WALL PERPENDICULAR TO TRUSSES

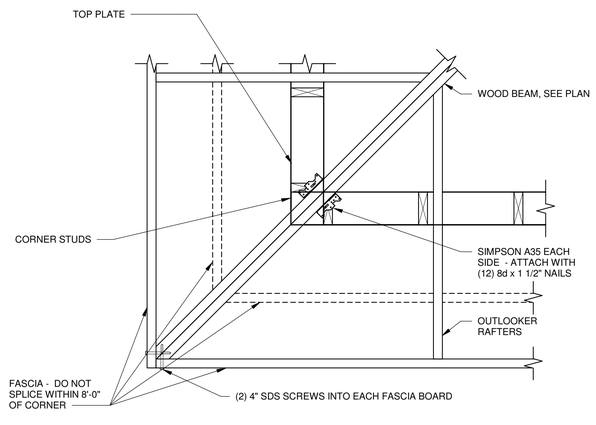
6 **TYPICAL NON-STRUCTURAL WALL TO UNDERSIDE OF TRUSS**
SCALE: NTS



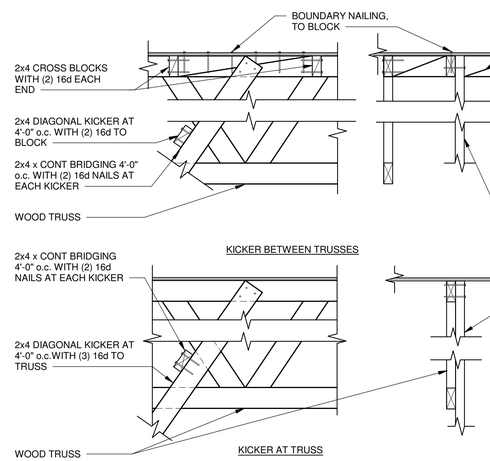
WALL SECTION

PLAN VIEW AT CORNER

7 **TYPICAL NON STRUCTURAL PARTITION BRACING DETAILS**
SCALE: NTS

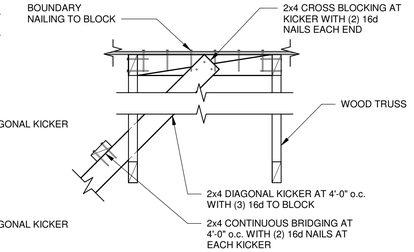


8 **TYPICAL CORNER ROOF FRAMING PLAN VIEW**
SCALE: NTS



KICKER BETWEEN TRUSSES

KICKER AT TRUSS



DIAGONAL KICKER PERPENDICULAR TO TRUSS

9 **TYPICAL KICKER CONNECTIONS TO ROOF TRUSSES**
SCALE: NTS

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER
LICENSED
14134
STATE OF IDAHO
DAVID B. PORTER
08/27/2024

THE NORTH POINT
LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

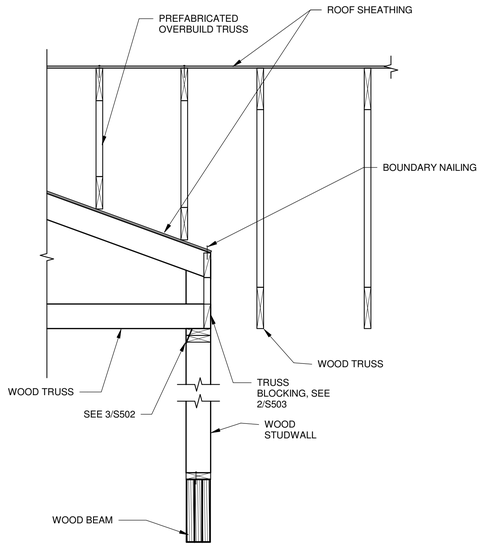
Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

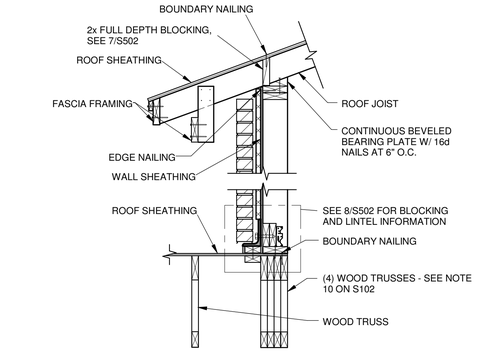
Sheet Title:
ROOF FRAMING DETAILS

Sheet:
S501

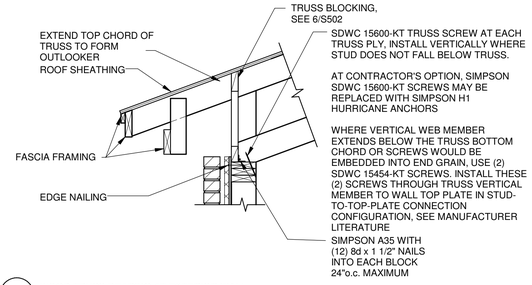
8/27/2024 9:35:37 AM



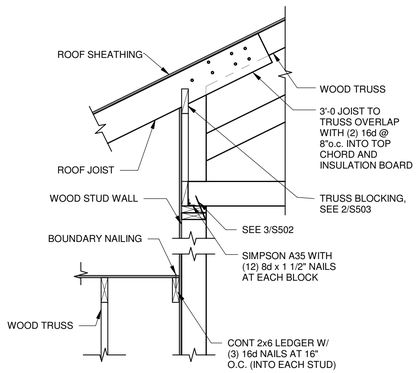
1 ROOF TRUSS TO BEAM CONNECTION
SCALE: NTS



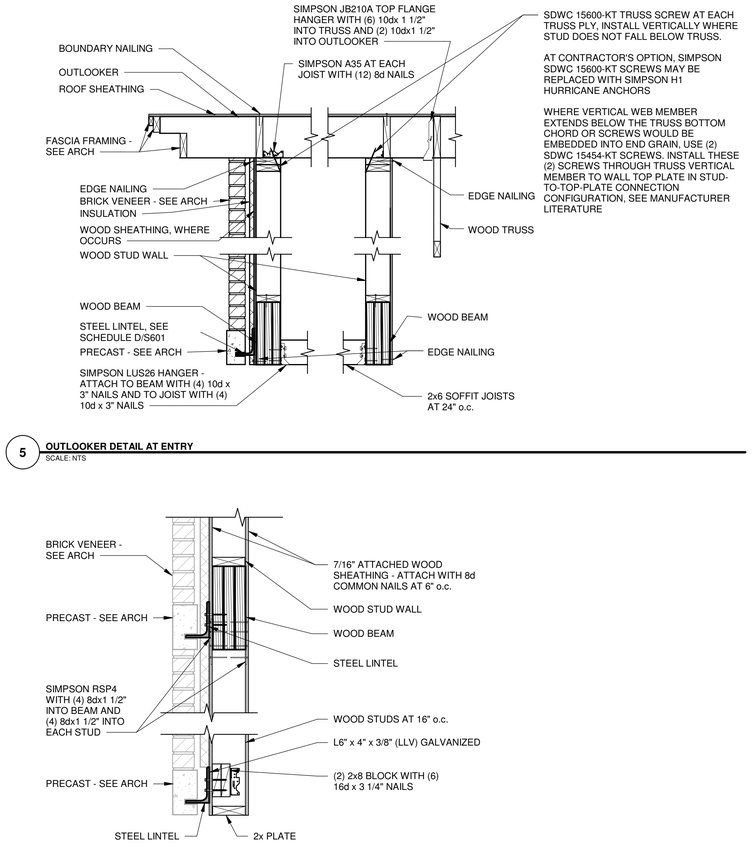
2 FRAMING AT ROOF POP-UP ON TRUSSES
SCALE: NTS



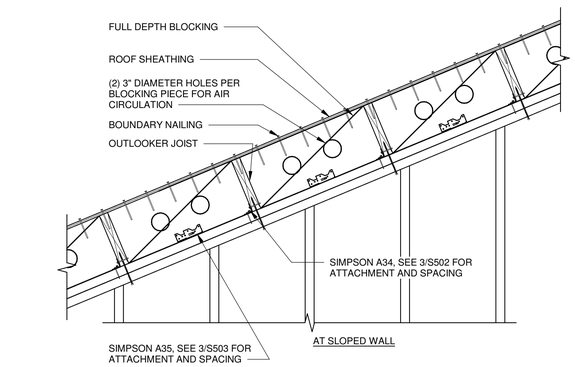
3 WOOD TRUSS BEARING AT EXTERIOR WALL
SCALE: NTS



4 ROOF TRUSS AND OVERBUILD FRAMING
SCALE: NTS

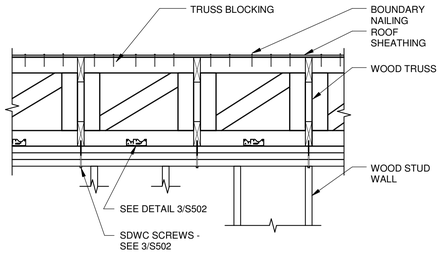


5 OUTLOOKER DETAIL AT ENTRY
SCALE: NTS

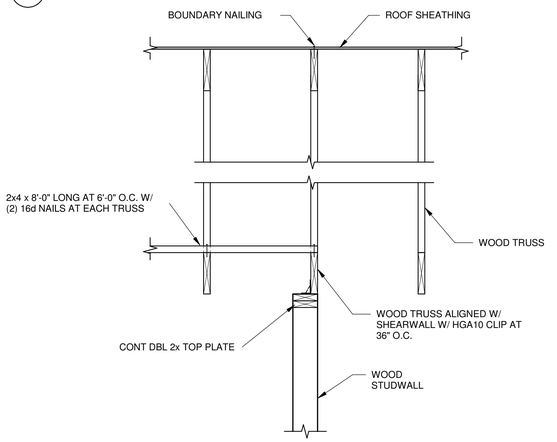


7 SOLID BLOCKING AND ANCHORING DETAIL
SCALE: NTS

8 SUSPENDED ELEMENT AT OPENING
SCALE: NTS



6 TRUSS BLOCKING AT LOW EXTERIOR WALL
SCALE: NTS



9 WOOD TRUSS AT WOOD STUD WALL
SCALE: NTS

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

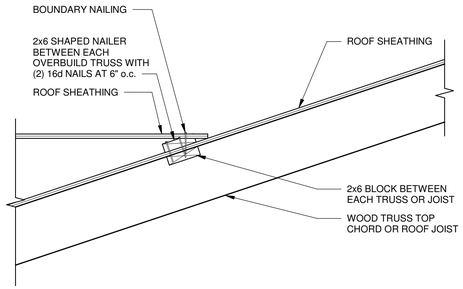
Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

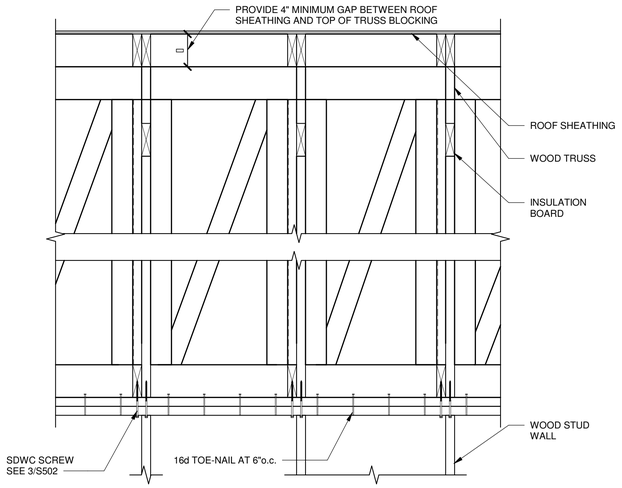
Sheet Title: ROOF FRAMING DETAILS

Sheet: S502

8/27/2024 9:35:37 AM

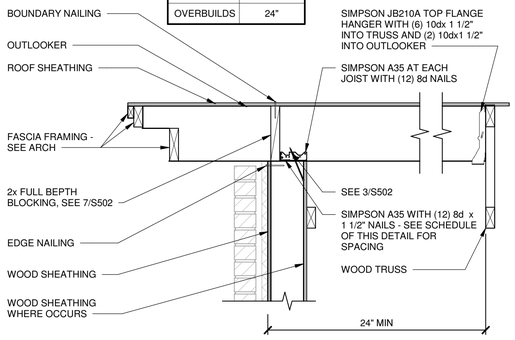


1 **OVERBUILD BETWEEN EACH OVERBUILD TRUSS**
SCALE: NTS

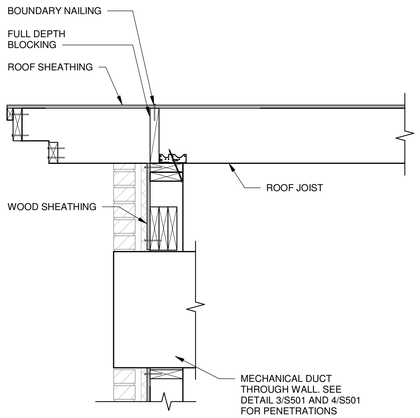


2 **TRUSS BLOCKING AT INTERIOR BEARING**
SCALE: NTS

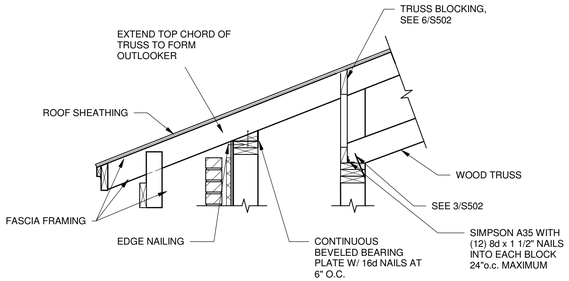
A35 SPACING	
GRID	SPACING
1, 4	24"
2	12"
3	16"
OVERBUILDS	24"



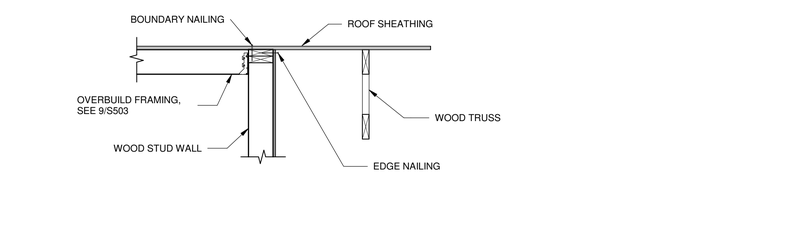
3 **OUTLOOKER AT EXTERIOR WALL**
SCALE: NTS



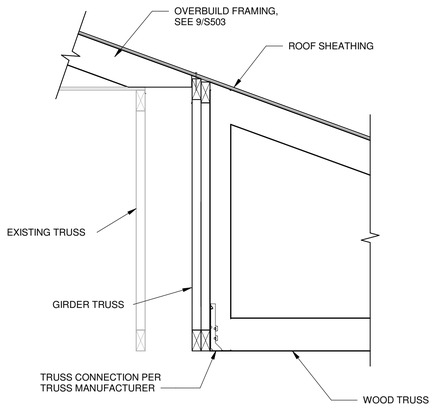
4 **MECHANICAL PENETRATION AT WALL POP-OUT**
SCALE: NTS



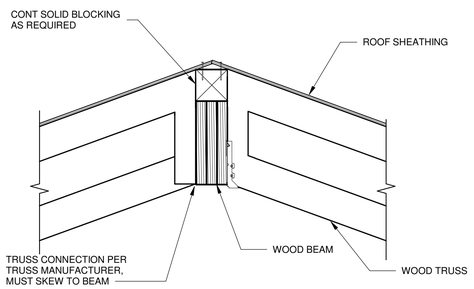
5 **WOOD TRUSS BEARING AT EXTERIOR WALL**
SCALE: NTS



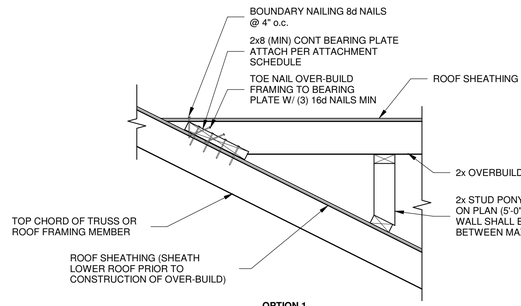
6 **WOOD TRUSS BEARING AT EXTERIOR WALL**
SCALE: NTS



7 **ROOF TRUSS TO GIRDER TRUSS CONNECTION**
SCALE: NTS



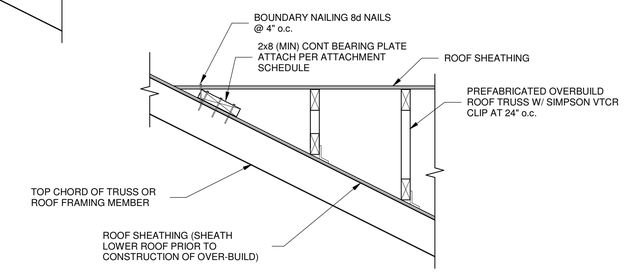
8 **ROOF TRUSS TO GIRDER TRUSS CONNECTION**
SCALE: NTS



OPTION 1

ATTACHMENT SCHEDULE

ROOF SLOPE	PLATE ATTACHMENT
< 4:12	(3) 16d NAILS
4:12 TO 7:12	(5) 16d NAILS
7:12 TO 10:12	(3) #10 x 3 1/2" LONG SCREWS
10:12 TO 12:12	(4) #10 x 3 1/2" LONG SCREWS



OPTION 2

9 **TYPICAL ROOF OVER-BUILD**
SCALE: NTS

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: ROOF FRAMING DETAILS

Sheet: S503

8/27/2024 9:35:38 AM

SCHEDULE A

DESIGN CRITERIA

DESIGN CRITERIA	2018 INTERNATIONAL BUILDING CODE (ASCE 7)	2018 IBC
SEISMIC	RISK CATEGORY	III
	IBC SEISMIC IMPORTANCE FACTOR	I_E = 1.25 (OWNERS REQUIREMENT)
	MAPPED SPECTRAL RESPONSE ACCELERATION:	
	MAPPED VALUE OF S_S (FOR ALL CALCULATIONS EXCEPT C_S)	S_S = 0.189
	VALUE OF S_S USED TO CALCULATE C_S (LIMIT S_S TO 1.5 PER ASCE7)	S_S = 0.189
	S_1	S_1 = 0.082
	SOIL SITE CLASS	D (ASSUMED)
	SITE COEFFICIENT, F_a	F_a = 1.6
	SITE COEFFICIENT, F_v	F_v = 2.4
	DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS	S_{DS} = 0.202 S_{D1} = 0.131
	SEISMIC DESIGN CATEGORY	C
	BASIC SEISMIC-FORCE RESISTING SYSTEM.	LIGHT FRAMED WALLS SHEATHED WITH WOOD PANELS
	RESPONSE MODIFICATION FACTOR	R = 6.5
	OVERSTRENGTH FACTOR	Ω_0 = 3.0
	ANALYSIS PROCEDURE USED.	ASCE 7 EQUIVALENT LATERAL FORCE PROCEDURE
	SEISMIC RESPONSE COEFFICIENT - ULTIMATE	C_S = 0.039
WIND	ASCE 7 DIRECTIONAL PRECEDURE, PART 1	
	WIND SPEED (3 SECOND GUST)	120 M.P.H.
	INTERNAL PRESSURE COEFFICIENT	±0.18
	EXPOSURE CATEGORY	C
ROOF	DEAD LOAD	20 P.S.F.
	SNOW IMPORTANCE FACTOR	I_S = 1.10
	GROUND SNOW LOAD, P_g	15 P.S.F.
	FLAT ROOF SNOW LOAD, P_f	25 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)	25 P.S.F.
	BUILDING ELEVATION	3650
SOIL BEARING	TERRACON CONSULTANTS INC, FEBRUARY 20, 2024, REPORT NO. 62235124	2000 P.S.F.

SCHEDULE B

LEGEND

BOB	BOTTOM OF BEAM
BLW ABV	INDICATES FLOOR OFFSET, SEE DETAILS
BM-x	INDICATES WOOD BEAM. SEE SCHEDULE
CW-x	INDICATES CONCRETE WALL, SEE SCHEDULE
EOS	EDGE OF SLAB
FC-x	INDICATES CONCRETE CONTINUOUS FOOTING TYPE, SEE SCHEDULE
FS-x	INDICATES CONCRETE SPOT FOOTING TYPE, SEE SCHEDULE
SCL	INDICATES STRUCTURAL COMPOSITE LUMBER SUCH AS LVL, LSL, AND PSL
TOF	TOP OF FOOTING
TOS	TOP OF SLAB
TOW	TOP OF WALL
TR-X	INDICATES WOOD TRUSS, SEE ELEVATIONS ON S20X
WC-x	INDICATES WOOD COLUMN. SEE SCHEDULE
Wx-x	INDICATES WOOD WALL. SEE SCHEDULE
SC-x	INDICATES STEEL COLUMN. SEE SCHEDULE

INDICATES SIDE WHERE INTERIOR WOOD WALL SHEATHING IS TO BE INSTALLED

DETAIL NUMBER

DETAIL SHEET

INDICATES DEPRESSED SLAB, SEE ARCHITECTURAL PLANS

S S — INDICATES FOOTING STEP

INDICATES NON-STRUCTURAL WOOD STUD WALL

INDICATES WOOD BEAM OR HEADER

INDICATES WOOD ROOF OR FLOOR SHEATHING, SEE PLAN AND SCHEDULE

INDICATES INTERIOR STRUCTURAL WOOD SHEAR WALL

TYPE 1 BLOCKED DIAPHRAGM, SEE SCHEDULE ON S604

TYPE 2 BLOCKED DIAPHRAGM, SEE SCHEDULE ON S604

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

DEPRESS FOUNDATION WALL AND POUR FLOOR SLAB OVER AT CONCRETE FOUNDATION WALL

SCHEDULE C

SPECIAL INSPECTION SCHEDULE [1, 2]

ESTABLISHED PER 2018 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	
WOOD (IBC 1705.5)				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 SMALLER, 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 1705.6)			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 90 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 1704.2.5.2)
PREFABRICATED METAL PLATE WOOD TRUSSES (IBC 1705.5.2):				
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 1702)

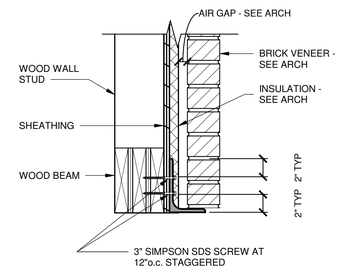
STATEMENT OF SPECIAL INSPECTION

1. SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER FOR THE ITEMS IDENTIFIED IN THIS SECTION AND IN OTHER AREAS OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS, UNLESS WAIVED BY THE BUILDING OFFICIAL (SEE IBC CHAPTER 17).
2. THE NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL.
3. DUTIES OF THE SPECIAL INSPECTOR:
   a. THE SPECIAL INSPECTOR SHALL REVIEW ALL WORK LISTED ABOVE FOR CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AND THE IBC.
   b. THE SPECIAL INSPECTOR SHALL FURNISH SPECIAL INSPECTION REPORTS TO THE ENGINEER OF RECORD, CONTRACTOR, OWNER AND BUILDING OFFICIAL ON A WEEKLY BASIS, OR MORE FREQUENTLY AS REQUIRED BY THE BUILDING OFFICIAL. ALL ITEMS NOT IN COMPLIANCE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND IF UNCORRECTED, TO THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.
   c. ONCE CORRECTIONS HAVE BEEN MADE BY THE CONTRACTOR, THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AS WELL AS THE APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC.
4. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR:
   a. THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK. IN ACCORDANCE WITH IBC 1704.4, THE STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED WITHIN THE "STATEMENT OF SPECIAL INSPECTIONS".
   b. THE CONTRACTOR SHALL NOTIFY THE RESPONSIBLE SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST ONE WORKING DAY (24 HOURS MINIMUM) BEFORE SUCH INSPECTION IS REQUIRED.
   c. ALL WORK REQUIRING SPECIAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT HAS BEEN OBSERVED BY THE SPECIAL INSPECTOR.
5. PLEASE SEE THE "SPECIAL INSPECTION SCHEDULE" FOR THE TYPES, EXTENTS AND FREQUENCY OF SPECIFIC ITEMS REQUIRING SPECIAL INSPECTIONS AND STRUCTURAL TESTS AS PART OF THIS PROJECT.

SCHEDULE D

STEEL ANGLE LINTEL SCHEDULE FOR VENEER

CLEAR OPENING	SIZE OF ANGLE
UP TO 7'-0"	6" x 3 1/2" 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 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. ANGLES ARE TO BE ORIENTED WITH 4" LEG HORIZONTAL.
5. ANCHOR ANGLES TO BEAMS, HEADERS, TOP-PLATES, ETC. WITH (2) 3" SDS SCREW AT 12"o.c., STAGGERED.
6. AT LOCATIONS WHERE ANGLE IS USED FOR BRICK VENEER 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.

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778
Sheet Title: SCHEDULES
Sheet: S601

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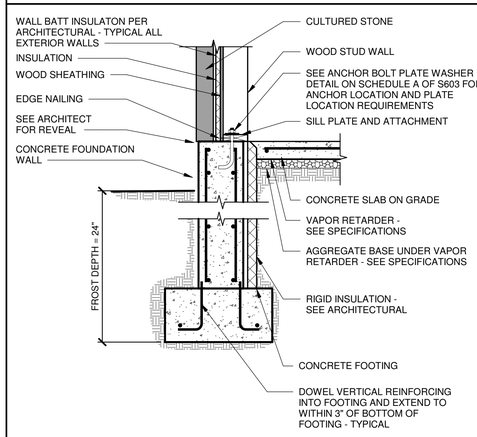
SCHEDULE A

CONCRETE FOUNDATION WALL SCHEDULE



MARK	WIDTH	HORIZONTAL REINF.			VERTICAL REINF.	
		TOP	INTERMEDIATE	BOTTOM	SIZE	SPACING
CW- 6	6"	#4	#4 AT 18"o.c.	#4	#4	18"o.c.
CW-10	10"	#4	#4 AT 16"o.c.	#4	#4	16"o.c.
CW-12	12"	(2) #4	(2) #4 AT 18"o.c.	(2) #4	#4	16"o.c. EF

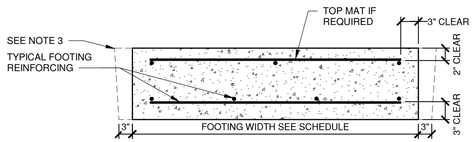
NOTE:
IF FOOTINGS ARE EARTH-FORMED, FOOTING WIDTH AND LENGTH SHALL BE 6" LONGER AND WIDER THAN SCHEDULED. SEE FIGURE ABOVE.

SCHEDULE B

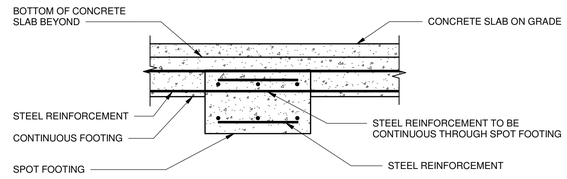
CONCRETE FOOTING SCHEDULE

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.	12"o.c.	
FS3.5	3'-6"	3'-6"	1'-0"	5	#4	3'-0"	EQUAL	5	#4	3'-0"	EQUAL	

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 THROUGH INTERSECTED SPOT FOOTINGS. SEE FIGURE BELOW.



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	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)	4,500 P.S.I. MIX TYPE E
	INTERIOR SLABS ON GRADE	3,500 P.S.I. MIX TYPE B
	NOTES: 1. CONCRETE STRENGTH USED IN DESIGN IS 2500 P.S.I.	2. SEE SPECIFICATIONS 03-3000 FOR DEFINITION OF MIX TYPE.
REINFORCING STEEL	FIELD BENT BARS	ALL OTHER BARS
	ASTM A615, GRADE 40 OR GRADE 60 (SEE LAP SPLICE SCHEDULE D/5602 FOR LAP LENGTHS)	ASTM A615, GRADE 60 (SEE LAP SPLICE SCHEDULE D/5602 FOR LAP LENGTHS)

WOOD

DIMENSION LUMBER

APPLICATION	SPECIES GROUP AND MINIMUM GRADE		(ANY SPECIES AND GRADE LISTED MAY BE USED FOR ANY OF THE DESCRIBED APPLICATIONS).
TOP PLATES, STRUTS, ROOF JOISTS, FLOOR JOISTS, MISC. FRAMING, HEADERS, BEAMS, LEDGERS	DOUGLAS FIR-LARCH MSR	#2 OR BETTER 1650F - 1.5E OR BETTER	
BLOCKING	DOUGLAS FIR-LARCH HEM FIR MSR	#2 OR BETTER #2 OR BETTER 1650F - 1.5E OR BETTER	
POSTS AND TIMBERS 5" x 5" AND LARGER	DOUGLAS FIR-LARCH	#1 OR BETTER	
SILL PLATES	DOUGLAS FIR-LARCH SCL	2x4, 1 1/2"x3 1/2" SCL 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 1.5E
TRUSSED RAFTERS (CHORDS AND WEBS)	SPRUCE PINE FIR DOUGLAS FIR-LARCH HEM FIR MSR	#2 OR BETTER #2 OR BETTER #1 OR BETTER 165F - 1.5E OR BETTER	
EXTERIOR WALL STUDS AND INTERIOR STRUCTURAL WALL STUDS	DOUGLAS FIR-LARCH SCL	2x4 #2 OR BETTER	2x6 #2 OR BETTER
INTERIOR NON-STRUCTURAL WALL STUDS	DOUGLAS FIR-LARCH HEM FIR	2x4 STANDARD, UTILITY, CONSTRUCTION, OR BETTER STANDARD, UTILITY, CONSTRUCTION, OR BETTER	2x6 #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 2 AND 4)	1,700	220	575	1,400	1.3
1-1/2" x ALL OTHER DEPTHS (SEE NOTE 2 AND 4)	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 UNLESS OTHERWISE NOTED. AN ASSUMED 2000' RADIUS SHALL BE INDUCED UNLESS OTHERWISE NOTED.	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. LSL WOOD IS HARDER AND DENSER THAN LVL WOOD. FRAMER MUST HAVE EQUIPMENT THAT WILL DRIVE NAILS COMPLETELY INTO WOOD.
3. 1 3/4" MEMBERS MAY BE USED TO REPLACE 1 1/2" SCL MEMBERS. ADJUST DIMENSIONS IN PLANS AND DETAILS ACCORDINGLY.
4. LIMIT THE MODULUS OF ELASTICITY OF 1 1/2" LSL MEMBERS TO 1.55x10^6 psi.

SCHEDULE D

LAP SPLICE SCHEDULE

BAR SIZE	CLASS B TENSION SPLICE LENGTHS					
	f'c = 3,000 PSI		f'c = 4,000 PSI		f'c = 5,000 PSI	
	HORIZONTAL BARS W/ >12" OF CONCRETE BELOW	VERTICAL AND BOTTOM HORIZONTAL BARS	HORIZONTAL BARS W/ >12" OF CONCRETE BELOW	VERTICAL AND BOTTOM HORIZONTAL BARS	HORIZONTAL BARS W/ >12" OF CONCRETE BELOW	VERTICAL AND BOTTOM HORIZONTAL BARS
#3	22"	17"	19"	15"	17"	13"
#4	29"	22"	25"	19"	23"	17"
#5	36"	28"	31"	24"	28"	22"
#6	43"	33"	37"	29"	34"	26"
#7	63"	48"	54"	42"	49"	38"
#8	72"	55"	62"	48"	56"	43"

NOTES

1. TOP BARS ARE ANY HORIZONTAL BARS PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT.
2. UNLESS NOTED OTHER WISE, LAP SPLICES IN CONCRETE BEAMS, SLABS AND WALLS SHALL BE CLASS "B" TESION LAP SPLICES.
3. IF CLEAR CONCRETE COVER IS NOT GREATER THAN THE DIAMETER OF THE BAR OR THE CENTER TO CENTER CPACING IS NOT GREATER THAN (2) BAR DIAMETERS, THEN VALUES SHALL BE INCREASED BY A FACTOR OF1.5.
4. FOR EPOXY COATED BAR, VALUES SHALL BE INCREASED BY A FACTOR OF 1.5 WHERE CLEAR COVER IS LESS THAN 3 TIMES THE BAR CIAMETER OR WHERE CLEAR SPACING IS LESS THAN 6 TIMES THE BAR DIAMETER, OTHERWISE VALUES SHALL BE INCREADED BY A FACTOR OF 1.2.

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"	

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: SCHEDULES

Sheet: S602

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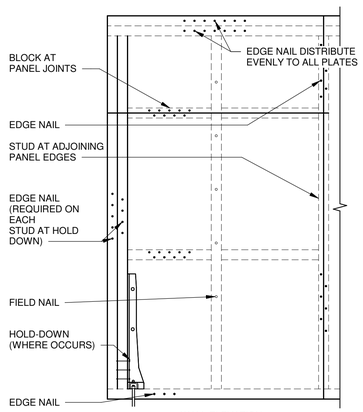
SCHEDULE A

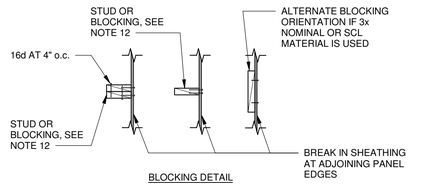
STRUCTURAL WOOD WALL SCHEDULE

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[1,2,22]
W4-A	2x4 1.3 E LSL	16"	2x4 1.3 E LSL	(2) 2x4 1.3 E LSL	7/16"		6"	5/8" DIAMETER x 7" EMBEDMENT ANCHOR AT 48" ON CENTER
W6-A	2x6	16"	2x6	(2) 2x6	---		---	POWDER ACTUATED FASTENER AT 24" ON CENTER
W6-B[9,10]	2x6	16"	2x6[12]	(2) 2x6	7/16"		6"	5/8" DIAMETER x 7" EMBEDMENT ANCHOR AT 48" ON CENTER
W8-A	2x8	16"	2x8	(2) 2x8	7/16"		6"	5/8" DIAMETER x 7" EMBEDMENT ANCHOR AT 48" ON CENTER

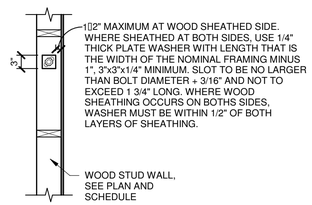
NOTES:
1. ALL ANCHOR BOLTS AT SILL PLATE ATTACHMENT SHALL HAVE A 1/4" x 3" x 3" MINIMUM WASHER BETWEEN THE SILL PLATE AND THE ANCHOR NUT. SEE ANCHOR BOLT PLATE WASHER DETAIL ON THIS SCHEDULE.
2. 5/8" DIAMETER SILL PLATE ANCHOR BOLTS MAY BE REPLACED WITH POST-INSTALLED ADHESIVE ANCHORS, POST-INSTALLED 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 0.157" X-U P8 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 OR PS2
18. SOLID BLOCK ALL WOOD WALL SHEATHING PANEL JOINTS, SEE BLOCKING DETAIL THIS SCHEDULE.
19. SEE 2/S501 FOR TOP PLATE SPLICE DETAIL.
20. FOR INTERIOR WALLS, LOCATE ANCHOR BOLTS IN CENTER OF WALL. AT EXTERIOR WALLS, LOCATE ANCHOR BOLTS PER THE PLAN DETAILS. 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.



WALL ELEVATION



BLOCKING DETAIL



ANCHOR BOLT PLATE WASHER DETAIL

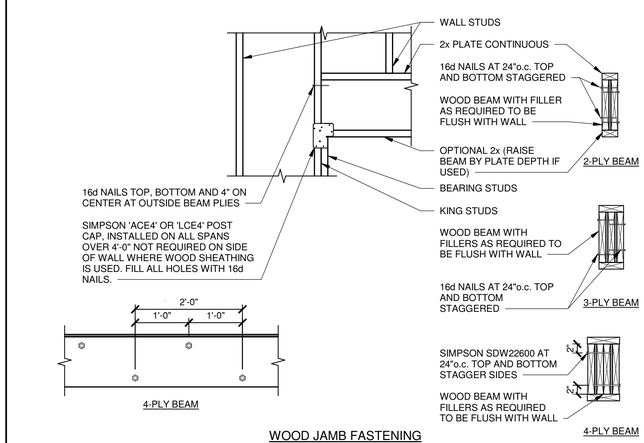
SCHEDULE B

WOOD BEAM SCHEDULE

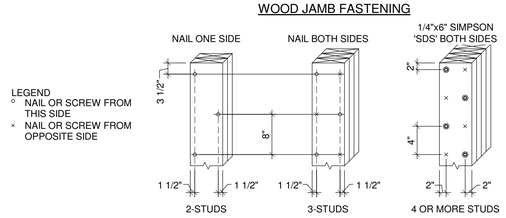
MARK	SIZE [2,3]	MATERIAL	JAMB [1,2,7]		COMMENTS
			BEARING STUDS [5]	KING STUDS [6]	
BM-1	(3) 1 3/4" x 14"	LVL	(--)	(--)	ROOF HIP GIRDER
BM-2	(3) 1 3/4" x 14"	LVL	(--)	(--)	ROOF HIP GIRDER
BM-3	(2) 2x8	DF-L #2	(1)	(1)	EXTERIOR WINDOW HEADER
BM-4	(3) 1 3/4" x 11 7/8"	LVL	(1)	(4)	EXTERIOR HEADER SUPPORTING BRICK VENEER
BM-5	(3) 1 3/4" x 11 7/8"	LVL	(1)	(4)	EXTERIOR DOOR HEADER
BM-6	(2) 2x8	DF-L #2	(1)	(1)	INTERIOR FONT DOOR HEADER
BM-7	(3) 2x8	DF-L #2	(2)	(1)	HIGH ROOF BEAM
BM-8	(3) 2x8	DF-L #2	(2)	(1)	INTERIOR HEADER AT HALL
BM-9	(3) 1 3/4" x 11 7/8"	LVL	(3)	(2)	ROOF BEAM AT FOYER
BM-10	(2) 2x8	DF-L #2	(1)	(1)	INTERIOR FONT DOOR HEADER
BM-11	(3) 2x10	DF-L #2	(1)	(1)	HEADER AT INTERIOR TRUSS BEARING

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



Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:
PROFESSIONAL ENGINEER LICENSED 14134 STATE OF IDAHO DAVID B. PORTER
08/27/2024

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: SCHEDULES

Sheet: S603

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SCHEDULE A

REQUIRED NAIL TYPES

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

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

NAIL SIZE	TYPE	STANDARD LENGTH (INCHES)	DIAMETER (INCHES)	MINIMUM PENETRATION REQUIRED (INCHES)
8d	COMMON	2 1/2	.131	1 3/8
10d	COMMON	3	.148	1 1/2
16d	SINKER	3 1/4	.148	1 1/2
16d	BOX	3 1/2	.135	1 1/2

SCHEDULE B

DEFERRED SUBMITTALS

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

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	37.5	37.5	32.2	28.2	21.9
2	59.8	52.4	42.6	35.1	30.8
3	85.4	70.7	56.3	51.8	51.3
4	28.6	27.4	25.8	24.6	21.9
5	35.3	32.9	29.7	27.4	21.9

SCHEDULE D

TYPICAL BLOCKING SCHEDULE

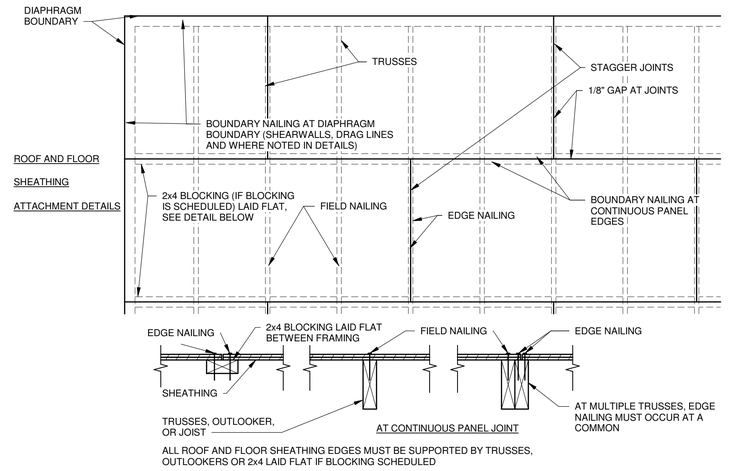
DOOR STOPS	STAIR BLOCKING
VISUAL DISPLAYS	DECORATIVE METAL BETWEEN WINDOWS
MARKER BOARDS	DRINKING FOUNTAINS
TACK BOARDS	WALL HUNG SINKS
BABY CHANGING STATIONS	ROSTRUM
EXIT SIGNS	DECORATION HOOKS
CHAIR RAIL	JANITOR SHELVING
COAT RACKS	RA VENTS AT ENTRIES
CABINETS	COLUMNS AT ENTRIES
SOUND PANELS	CAN LIGHTS 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	CLOTHING HOOKS
SHELVES	CHAIR STORAGE SHELVING
MIRRORS	INTERIOR SOFFIT FOR SIX PIECE CORNICE
COUNTERS	WATER HEATERSEISMIC STRAPS (2) UNISTRUT. RUNNING PARALLEL TO FRAMING
COUNTER BRACKETS	
ACCESS PANELS	
HANDRAILS	
FIRE CABINETS	
WALL MOUNTED HANDRAILS	

SCHEDULE E

SHEATHING TYPE AND NAILING SCHEDULE

LOCATION	SHEATHING	EDGE NAILING[1,2]	FIELD NAILING[1,2]	BOUNDARY NAILING[1,2]	BLOCKING AT PANEL EDGES
ROOF, UNBLOCKED	19/32" 40/20 SPAN RATING	8d AT 6" O.C.	8d AT 6" O.C.	8d 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 ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICONE BRONZE, OR COPPER, UNLESS WOOD IS BORATE TREATED. EXCEPTION: PLAIN CARBON STEEL FASTENERS, INCLUDING NUTS AND WASHERS, IN SBX/DOT AND ZINC BORATE PRESERVATIVE- TREATED WOOD IN AN INTERIOR, DRY ENVIRONMENT ARE PERMITTED.
3. FOR EQUIPMENT PLATFORM, ROSTRUM, AND PLATFORM SHEATHING SHALL BE GLUED AND NAILED TO THE STRUCTURE.
4. SPECIAL INSPECTION REQUIRED.



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Mark	Date (D.M.Y)	Description

Project Number: 24001
Plan Series:
Property Number: 5978778

Sheet Title: SCHEDULES

Sheet: S604

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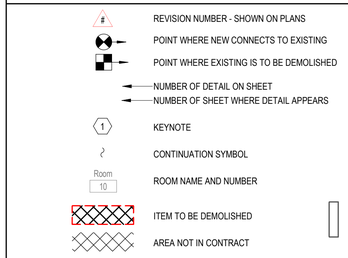
GENERAL MECHANICAL SYMBOLS

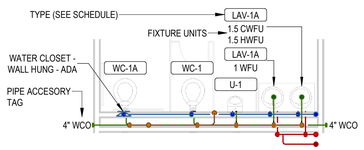


ABBREVIATIONS

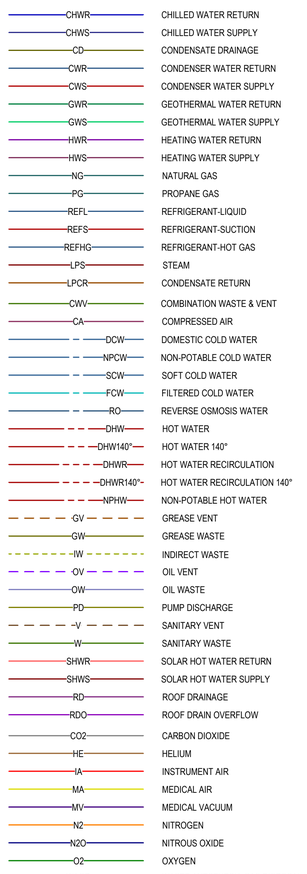
Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MU/A	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLG	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CW	COLD WATER	O	OXYGEN
D	DEGREE	O/A	OUTSIDE AIR
DB	DRY BULB	ORD	OVERFLOW ROOF DRAIN
DIA	DIAMETER	PD	PRESSURE DROP
DN	DOWN	PIV	POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG	PLUMBING
EA	EACH	PRESS	PRESSURE
EAT	ENTERING AIR TEMPERATURE	PRV	PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI	POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG	POUNDS PER SQUARE INCH GAUGE
EWC	ELECTRIC WATER COOLER	PWR	POWER
EWT	ENTERING WATER TEMPERATURE	R	DUCT RISER
E/A	EXHAUST AIR	R/A	RETURN AIR
EXIST	EXISTING	RCP	RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	RD	ROOF DRAIN
FCO	FLOOR CLEAN OUT	REC	RECESSED
FD	FLOOR DRAIN	RED	REDUCER
FD	FIRE DAMPER	RH	RELATIVE HUMIDITY
FDV	FIRE DEPARTMENT VALVE	RL/A	RELIEF AIR
FL	FLOOR	RM	ROOM
FO	FUEL OIL	RPM	REVOLUTIONS PER MINUTE
FOV	FUEL OIL VENT	RW	RAIN WATER
FOR	FUEL OIL RETURN	SF	SQUARE FOOT
FOS	FUEL OIL SUPPLY	S/A	SUPPLY AIR
FPM	FEET PER MINUTE	SAN	SANITARY
FS	FLOOR SINK	SF	SQUARE FOOT
FT	FOOT/FEET	SD	SMOKE DAMPER
FTR	FIN TUBE RADIATION	SM	SURFACE MOUNT
GAL	GALLON	SP	STANDPIPE
GC	GENERAL CONTRACTOR	SP	STATIC PRESSURE
GPM	GALLONS PER MINUTE	STM	STEAM
GW	GREASE WASTE	T	THERMOSTAT
HB	HOSE BIB	TD	TEMPERATURE DROP
HP	HORSE POWER	TDR	TRENCH DRAIN
HTG	HEATING	TEMP	TEMPERATURE
HTR	HEATER	TYP	TYPICAL
HW	HOT WATER	UG	UNDERGROUND
HYD	HYDRANT	VAC	VACUUM
ID	INDIRECT	V	VENT
IN	INCH	VAV	VARIABLE AIR VOLUME
INV	INVERT	VENT	VENTILATION
LB	POUND	VTR	VENT THROUGH ROOF
LB/HR	POUNDS PER HOUR	W	WASTE
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LP	LOW PRESSURE	WCO	WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT

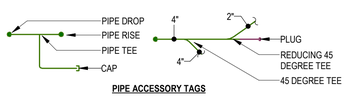
PLUMBING AND PIPING SYMBOLS

PLUMBING FIXTURE TAGS

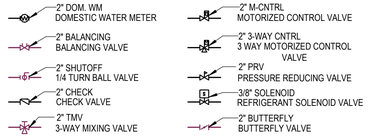


PLUMBING AND PIPING SYMBOLS

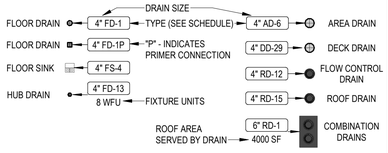




PIPE ACCESSORY TAGS



DRAIN TAGS



PLUMBING GENERAL NOTES

1. UNLESS OTHERWISE NOTED, SLOPE PIPE AS FOLLOWS: WASTE BRANCHES: 1/4" PER FOOT; WASTE MAINS: 1/4" PER FOOT; ROOF DRAIN/ROOF DRAIN OVERFLOW: 1/8" PER FOOT. VERIFY ALL SLOPING WITH LOCAL CODES.
2. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING AREAS ON FLOORS BELOW.
3. PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
4. ALL PIPING IN PLUMBING CHASES SHALL BE ARRANGED TO ALLOW MAINTENANCE ACCESS.
5. NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.
6. COORDINATE FAN ROOM FLOOR DRAIN AND FLOOR SINK LOCATIONS WITH COOLING COIL, EVAPORATIVE SECTION, AND HEATING COIL LOCATIONS.
7. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
8. PIPING AND ROUTING SHOWN, INCLUDING ALL BELOW FLOOR DECK PIPING IS APPROXIMATE. IT IS UP TO THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND SIZE OF ALL PIPING.
9. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS AND OTHER REQUIREMENTS.
10. CONTRACTOR TO VERIFY CONNECTION SIDE OF ADA FIXTURES AND ADJUST ACCORDINGLY. INSTALL FLUSH VALVES HANDLES ON WIDE SIDE OF ALL FIXTURES.
11. LOCATE ALL VENTS MINIMUM 25' AWAY FROM AIR INTAKES.
12. INSTALL ALL DOMESTIC WATER LINES BELOW DUCTWORK.
13. INSTALL A 24" X 24" ACCESS DOOR BELOW ALL ISOLATION VALVES, BALANCING VALVES AND WATER HAMMER ARRESTORS WHERE MOUNTED ABOVE HARD CEILINGS.
14. MOUNT ALL ISOLATION VALVES, CONTROL VALVES, BALANCING VALVES, ETC. NEAR CEILING HEIGHT FOR ACCESSIBILITY.
15. INSTALL ALL EQUIPMENT WITH SUFFICIENT CLEARANCE FOR MAINTENANCE PER MANUFACTURERS RECOMMENDATION.
16. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL AND PROVIDE SLEEVES AS NECESSARY.
17. COORDINATE THE LOCATION OF THE FLOOR DRAIN, SHOWER DRAIN, OR FLOOR SINK WITH ARCHITECTURAL AND STRUCTURAL, TYPICAL.
18. SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TO/FROM SINGLE FIXTURE.
19. HOSE BIBBS SHOWN AT LAVATORIES ARE TO BE MOUNTED AT AN ACCESSIBLE LOCATION UNDER THE LAVATORY.
20. LOCATE CIRCUIT SETTERS, VALVES, WATER HAMMER ARRESTORS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE 24" X 24" ACCESS PANEL WHERE ITEM IS LOCATED ABOVE A HARD CEILING. PROVIDE APPROPRIATELY SIZED ACCESS DOORS TO ANY OF THESE ITEMS INSTALLED IN A WALL. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
21. FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
22. FIELD VERIFY ALL NEW WATER, WASTE AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
23. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR TO BE 2" MINIMUM.
24. INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING.
    A. SIZE SAME AS DRAINAGE PIPING UP TO 4" NPS. USE 4" NPS FOR LARGER. DRAINAGE PIPING UNLESS LARGER CLEANOUT IS INDICATED.
    B. LOCATE AT MINIMUM INTERVALS OF 50 FT FOR PIPING 4" NPS AND SMALLER AND 100 FT FOR LARGER PIPING.
    C. LOCATE AT THE BASE OF EACH VERTICAL STACK.

PROJECT GENERAL NOTES

1. THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES.
2. REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES.
3. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN THE TENANT SPACE AND WITHIN CLOSE PROXIMITY TO THE TENANT SPACE. THE CONTRACTOR WILL FIELD VERIFY AS MUCH AS IS REASONABLE BEFORE THE FINAL BID. AFTER THE FINAL BID THE CONTRACTOR WILL NOTIFY THE OWNER, ARCHITECT, AND MECHANICAL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT MAY AFFECT THE DESIGN.
4. THE MECHANICAL CONTRACTOR SHALL PERFORM SERVICE AND REPAIR ON THE EXISTING EQUIPMENT AND ITS ACCESSORIES AS FOLLOWS: CLEAN ALL COILS, REPLACE THE FILTERS AND BELTS, INSPECT, REPAIR, OR REPLACE THE ECONOMIZERS, DRIVERS AND FAN BEARINGS, MOTORS, CONTROL COMPONENTS, VALVES, AND ANY OTHER ITEM NECESSARY FOR A COMPLETE AND PROPER OPERATING SYSTEM. THIS CONTRACTOR SHALL ALSO VISIT THE SITE, PRIOR TO FINAL BIDDING, AND VERIFY ALL EXISTING SITE CONDITIONS. PROVIDE ALL MATERIAL AND COMPONENTS AS NEEDED TO BRING THE UNITS TO FULL COMPLIANCE OF THE LANDLORD'S CRITERIA AND LOCAL AUTHORITY HAVING JURISDICTION.
5. WHERE FLOOR DRAINS OCCUR WITH THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
6. COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, EQUIPMENT, CEILINGS, ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE PROJECT TO PREVENT CONFLICTS.
7. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES, INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
8. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATION BUILDING CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL PLUMBING CODE.
9. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
10. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
11. COORDINATE INSTALLATION OF DUCTWORK, PIPING AND MECHANICAL EQUIPMENT WITH NEC CLEARANCES INCLUDING THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. NO PIPING OR DUCTWORK TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING.
12. FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION.
13. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
14. TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION.
15. REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING.
16. ALL PIPE AND DUCT SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
17. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
18. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
19. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS, BAS DEVICES, MAINTENANCE ACCESS, ETC.
20. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
21. LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, OFFSETS AND TRANSITIONS. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUIT, PLUMBING, MECHANICAL AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS TO AVOID INTERFERENCE IN THE FIELD.
22. THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
23. IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
24. DETAILS REFERENCE ALL SHEETS.
25. INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING.
26. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY WASTE, ROOF DRAIN, CAMPUS CHILLED OR HOT WATER, AND ANY OTHER UTILITY SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
27. LOCATE VALVING, ACCESSORIES, AND EQUIPMENT IN ACCESSIBLE LOCATIONS. WHERE LOCATED ABOVE HARD CEILING PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24" X 24". COORDINATE EXACT LOCATION AND STYLE WITH ARCHITECT. EQUIPMENT SHALL BE LOCATED IN THE CEILING CAVITY SO IT CAN BE SAFELY SERVICED FROM SOMEONE STAND ON A LADDER PLACED BELOW THE CEILING ACCESS.
28. WHERE VALVING, ACCESSORIES, OR EQUIPMENT IS LOCATED IN A WALL, PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
29. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
30. CONTRACTOR TO PROVIDE DELEGATED DESIGN OF SEISMIC BRACING AS A DEFERRED SUBMITTAL. SEE SPECIFICATION 23 0548 - VIBRATION AND SEISMIC CONTROLS FOR HVAC.
31. CONTRACTOR TO PROVIDE BIM COORDINATION AND VIRTUAL DESIGN AND CONSTRUCTION SERVICES TO A xxx LEVEL OF DETAIL. SEE SPECIFICATION 23 0099-BIM COORDINATION.

* NOTE *
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

PLUMBING SHEET INDEX

PROFESSIONAL ENGINEER REGISTERED 18104 STATE OF IDAHO BENJAMIN L. DAVIS
08/29/2024

DATE

Project Status

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301
PLUMBING TITLE SHEET

Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

DATE: 08/29/2024
BDO Drawn | BLD Checked
24001 PROJECT #

P001

VBFA
181 East 5600 South
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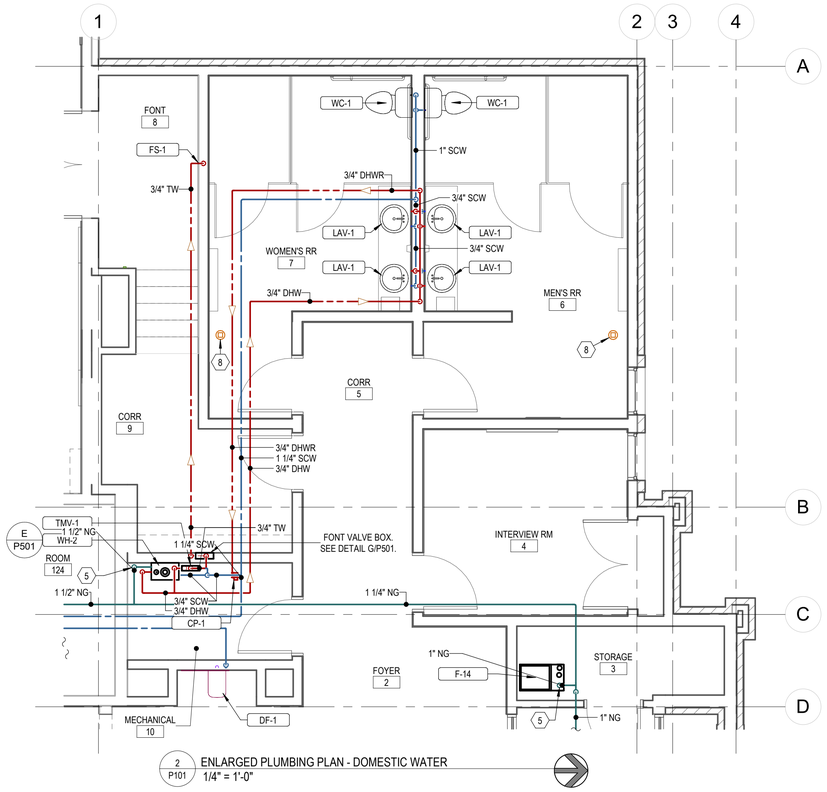
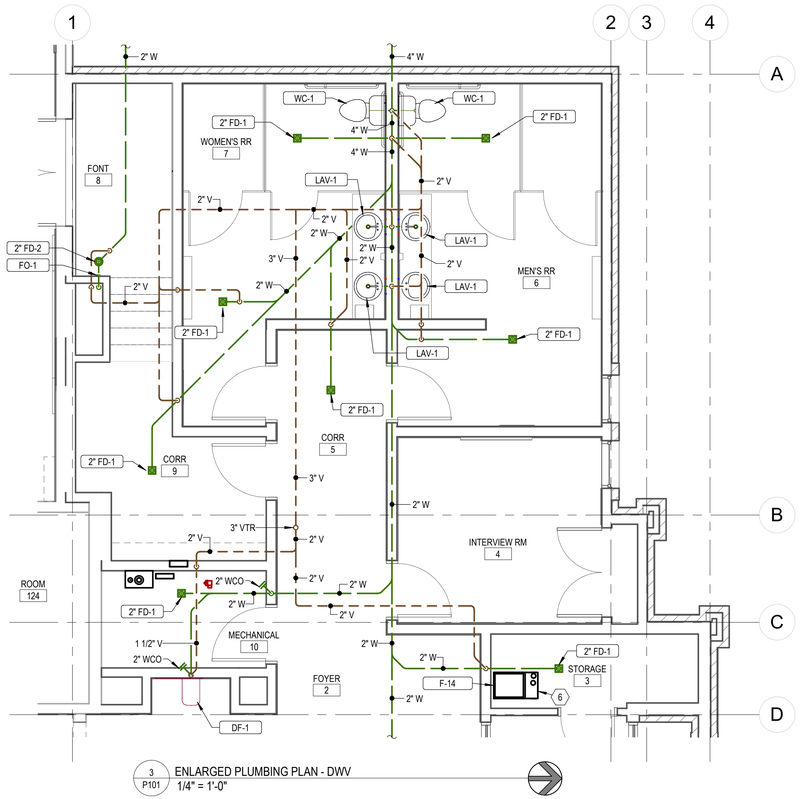
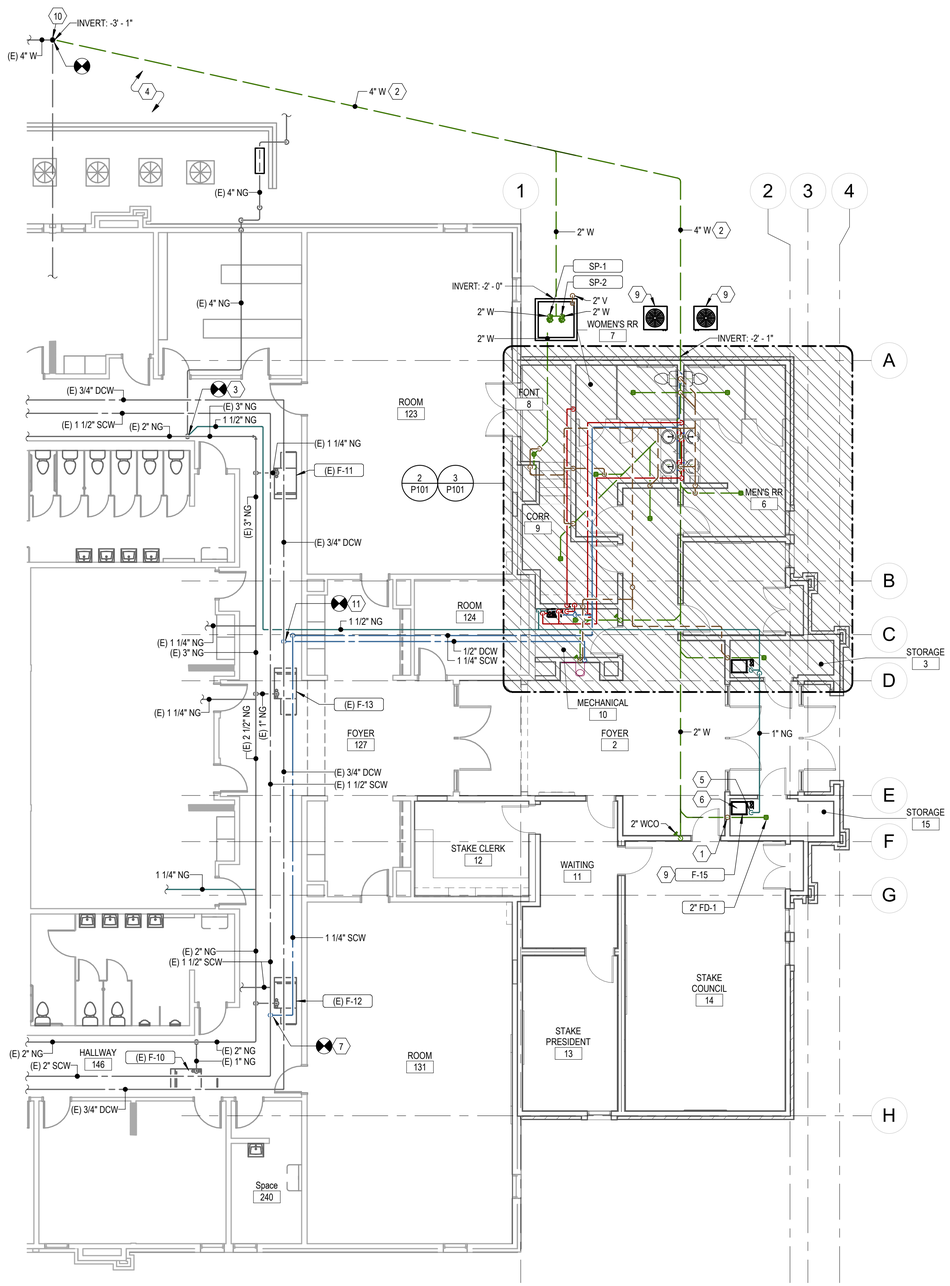
O: (801)530-3148
www.vbfa.com
VBFA Project #: 240550



2 P101 ENLARGED PLUMBING PLAN - DOMESTIC WATER
1/4" = 1'-0"



3 P101 ENLARGED PLUMBING PLAN - DWV
1/4" = 1'-0"



1 P101 LEVEL 1 PLUMBING PLAN
1/8" = 1'-0"

GENERAL 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 OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR SHOWN.

5 WATER PIPING AND VENT PIPING SHALL BE RUN IN MECHANICAL EQUIPMENT ACCESS AREA OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR SHOWN.

6 FOR INDIVIDUAL LINE SIZES TO FIXTURES SEE PLUMBING FIXTURE SCHEDULE.

7 DO NOT RUN PLUMBING IN SHEAR WALLS UNLESS NOTED OTHERWISE.

8 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.

9 REFER TO MECHANICAL SHEETS FOR ANY ADDITIONAL WORK.

10 COORDINATE EXACT LOCATION OF DHW CIRCULATION PUMP OCCUPANCY SENSOR WITH ARCHITECT. LOCATE ON CEILING AWARY FROM LIGHTS, DIFFUSERS, GRILLES, AND FIRE SPRINKLER HEADS.

KEYNOTES

1 2" VENT UP TO 3" VTR.

2 CONTRACTOR TO SLOPE PIPING AT 1/8" PER FOOT (1%) TO CONNECT TO THE CLOSEST EXISTING TIE-IN FOR THE SITE SEWER SYSTEM.

3 CONNECT NEW 2" GAS TO EXISTING 3" GAS MAIN NEAR THIS LOCATION (FIELD VERIFY EXACT LOCATION). REFER TO GAS PIPING SCHEMATIC, SHEET P601.

4 CONTRACTOR TO FIELD-VERIFY THE ACTUAL DEPTH OF THE EXISTING SITE SEWER PIPING BEFORE RUNNING NEW SEWER PIPING AND CONNECTING IT INTO THE EXISTING SYSTEM. COORDINATE FINDINGS WITH THE OWNER, ARCHITECT, CIVIL ENGINEER, AND THE MECHANICAL ENGINEER.

5 DROP BRANCH GAS PIPING DOWN TO FURNACE OR WATER HEATER. REFER TO DETAIL J/P501 FOR CONNECTION TO APPLIANCE.

6 REFER TO DETAIL F/P501 FOR CONDENSATE DRAINAGE PIPING FROM FURNACE AND DX COIL. ROUTE CONDENSATE DRAINAGE TO FLOOR DRAIN.

7 CONNECT NEW 1-1/4" SCW TO EXISTING 2" SCW NEAR THIS LOCATION. FIELD VERIFY EXACT LOCATION.

8 HARD-WIRED DHW CIRCULATION PUMP OCCUPANCY SENSOR LOCATION. SEE GENERAL NOTE #10.

9 MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS.

10 EXISTING SEWER CLEANOUT.

11 CONNECT NEW 1/2" DCW TO THE EXISTING 3/4" DCW NEAR THIS LOCATION. FIELD VERIFY EXACT LOCATION.

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08/29/2024

DATE

Project Status

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301
LEVEL 1 PLUMBING PLAN

Laughlin Ricks Architecture
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134 3RD Ave East, * Twin Falls, Idaho 83301
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DATE: 08/29/2024
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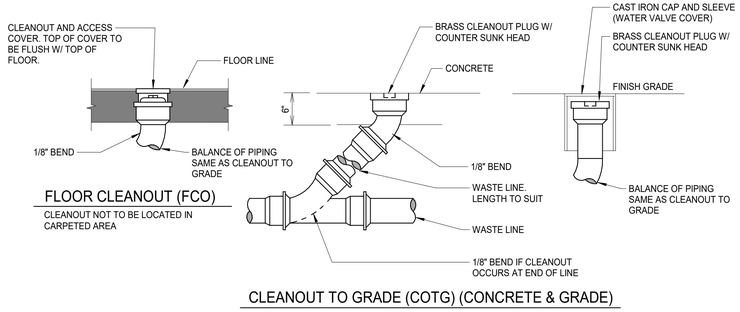
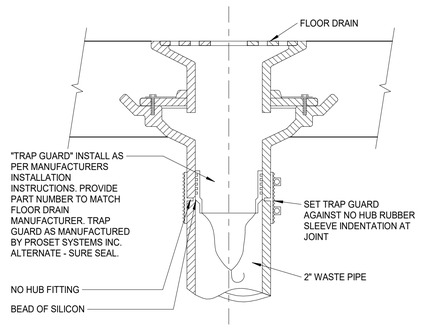
P101



A CLEANOUT DETAILS
NOT TO SCALE



B TRAP GUARD TRAP SEAL DETAIL
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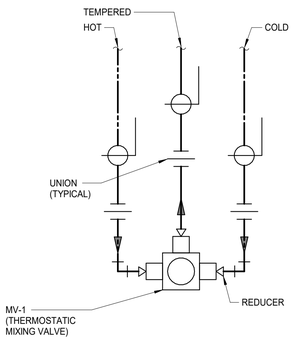

C MIXING VALVE PIPING SCHEME
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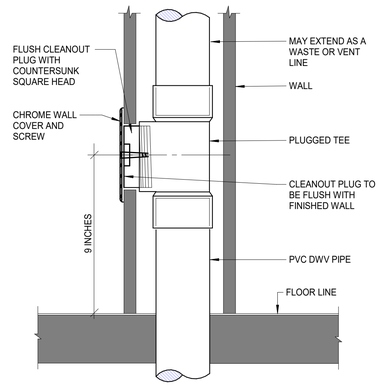

D WALL CLEANOUT DETAIL
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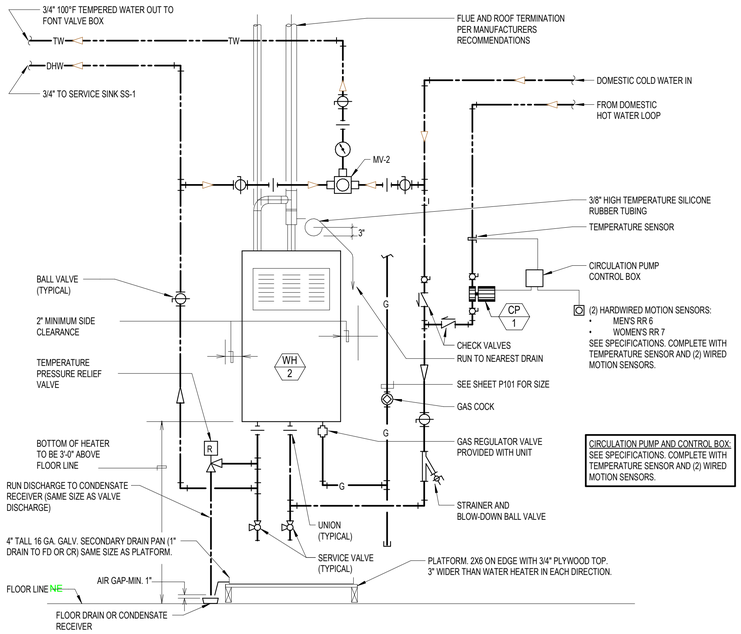
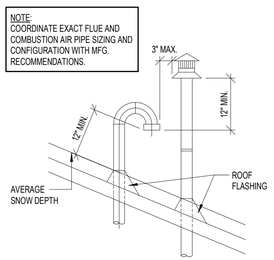
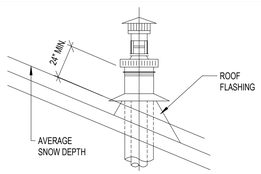


E TANKLESS WATER HEATER PIPING DETAIL AND VENTING PENETRATION DETAILS
NOT TO SCALE

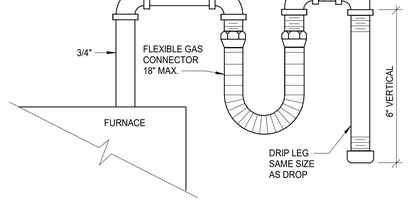
NOTE:
COORDINATE EXACT FLUE AND COMBUSTION AIR PIPE SIZING AND CONFIGURATION WITH MFG. RECOMMENDATIONS.



DOUBLE ROOF PENETRATION



SINGLE ROOF PENETRATION



F GAS LINE CONNECTION DETAIL
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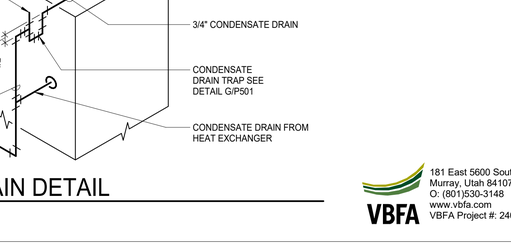

G FONT VALVE BOX DETAIL
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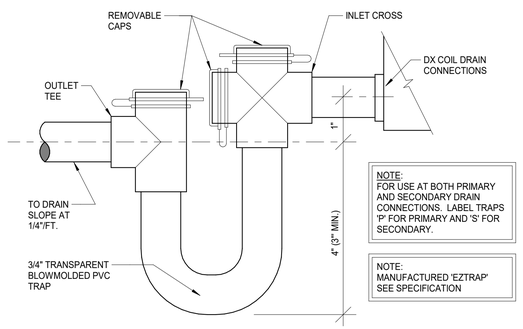

H DX COIL CONDENSATE DRAIN DETAIL
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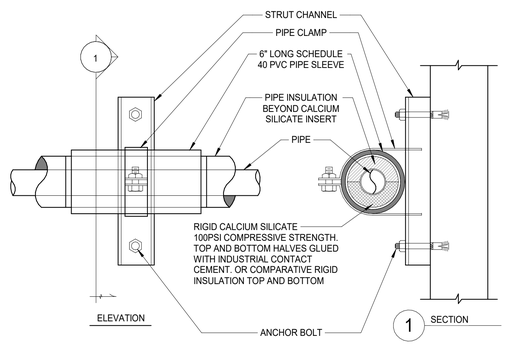

J WALL PIPE SUPPORT DETAIL
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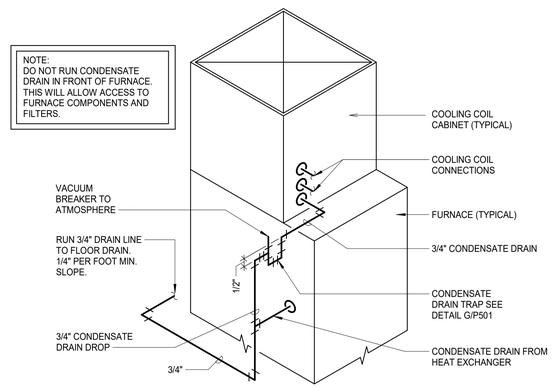

K CONDENSATE DRAIN DETAIL
NOT TO SCALE

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181 East 5600 South
Murray, Utah 84107
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www.vbfa.com
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1134 N College Rd W, Twin Falls, ID 83301
PLUMBING

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P501

DOMESTIC FIXTURE SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL NUMBER	QTY	MATERIAL DESCRIPTION	FINISH	TRIM				FLOW FIXTURE					FLUSH FIXTURE		WASTE ROUGH-IN PIPE SIZE	INDIRECT WASTE PIPE SIZE	VENT PIPE SIZE	COLD WATER ROUGH-IN PIPE SIZE	HOT WATER ROUGH-IN PIPE SIZE	SPECIFICATION	NOTES
							MANUFACTURER	MODEL NUMBER	TYPE	MOTION SENSOR CONTROL	WATER FLOW	TIMER DURATION (SEC)	COLD WATER TEMP	HOT WATER TEMP	MAX. MIXED WATER TEMP	VOLUME PER FLUSH	MIN. VOLUME PER FLUSH							
DF-1	DRINKING FOUNTAIN	ELKAY	EZSTL8LC	1	GALVANIZED STEEL	STAINLESS STEEL CABINET				No	0.13 GPM	15	40 °F	0 °F	40 °F			2"		1-1/2"	1/2"		TWO LEVEL WALL HUNG DRINKING FOUNTAIN. THE UNIT SHALL BE COMPLETE WITH CABINET, MOUNTING FRAME, SELF CLOSING EASY TOUCH SIDE AND FRONT PUSHBAR CONTROLS, FLEXIGUARD SAFETY BUBBLER, AIR-COOLED REFRIGERATING SYSTEM, FULLY AUTOMATIC, COMPLETE AND READY TO OPERATE. ELECTRICAL: 370 W, 5 AMPS (FLA), 120 VOLT, 60 CYCLE, SINGLE PHASE POWER CONNECTION.	
FO-1	FONT OVERFLOW	TRIM TO THE TRADE	4T-6420	1	BRASS	POLISHED CHROME				No	0.00 GPM	0	0 °F	0 °F	0 °F				2"				IPS OVERFLOW DRAIN COMPLETE WITH GRILL, CROWN, AND SCREWS.	
FS-1	FONT SUPPLY	AMERICAN STANDARD	8888.056	1	BRASS	POLISHED CHROME				No	10.00 GPM	0	0 °F	100 °F	100 °F							3/4"	SLIP-ON NON DIVERTER TUB SPOUT. CHROME-PLATED. 1/2 INCH LAPPING, 5 INCHES LONG.	
LAV-1	LAVATORY - COUNTER	AMERICAN STANDARD	AQUALYN 0476.028	4	WHITE VITREOUS CHINA	WHITE	CHICAGO FAUCET CO	802ABCP WITH 327XCP	MANUAL	No	0.50 GPM	12	40 °F	120 °F	105 °F				2"		1/2"	1/2"	COUNTERTOP LAVATORY, SELF-RIMMING, FAUCET HOLES ON 4" CENTERS. DECK-MOUNTED FAUCET SENSOR, WATER TURBINE POWER WITH VANDAL RESISTANT SPRAY. EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE, GRID DRAIN, LOOSE KEY ANGLE STOPS AND SUPPLIES. INSULATE WATER AND WASTE WITH INSULATION KIT.	
WC-1	WATER CLOSET - FLOOR MOUNT - TANK TYPE - ADA	AMERICAN STANDARD	CADET	2	WHITE VITREOUS CHINA	WHITE	TANK TYPE			No			40 °F		40 °F	1.28 gal	1.28 gal	4"		2"	1/2"		ELONGATED FLOOR MOUNTED TANK TYPE WATER CLOSET, WITH CHURCH 295CT ELONGATED OPEN FRONT SEAT. PROVIDE A 1/4" BRASS BALL VALVE AT WALL CONNECTION. INSTALL AT ADA COMPLIANT HEIGHT.	

Grand total: 9

GAS-FIRED WATER HEATER SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	LOCATION		TYPE	GAS-FIRED HEAT EXCHANGER							ELECTRICAL				PHYSICAL				NOTES
			ROOM NAME	ROOM NUMBER		GAS BURNER				WATERSIDE											
						INPUT LOAD	EFFICIENCY	FUEL TYPE	MINIMUM PRESSURE AVAILABLE	DESIGN FLOW	VOLUME	MAX TEMP RISE	FLUE SIZE	MCA	VOLT	PHASE	FREQ	LENGTH	WIDTH	HEIGHT	UNIT WEIGHT	
WH-2	RINNAI	RU199i	MECHANICAL	10	INSTANTANEOUS	199000 Btu/h	96.0%	NAT. GAS	0.13 psi	3.5 GPM	0.0 gal	100 °F	4"	4.0 A	120 V	1	60 Hz	28.6"	18.5"	11.5"	110 lb	1-2

1. SEE SPECIFICATIONS & DETAIL E/P501.
2. COMPLETE WITH CIRCULATING PUMP, CP-1. SEE DOMESTIC CIRCULATING PUMP SCHEDULE.

FLOOR DRAIN SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL NUMBER	QTY	MATERIAL DESCRIPTION		PRIMER CONNECTION	WASTE PIPE SIZE	VENT PIPE SIZE	PRIMER PIPE SIZE	SPECIFICATION	NOTES
					DRAIN BODY	STRAINER						
FD-1	FLOOR DRAIN	J.R. SMITH	2005Y	9	EPOXY COATED CAST IRON	CHROME PLATED	No	2"	2"		EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE SQUARE HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.	
FD-2	FLOOR DRAIN	TRIM TO THE TRADE	4T-6420	1	CAST IRON OR BRASS	-.-	No	2"	2"		2 INCH IPS ROMAN TUBE DRAIN COMPLETE WITH BOLTS, 'O' RING, AND TOP. POLISHED CHROME FINISH.	

Grand total: 10

DOMESTIC CIRCULATING PUMP SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	LOCATION		TYPE	FLUID		ELECTRICAL						UNIT WEIGHT	NOTES
			NAME	NO.		FLOW RATE	HEAD	MOTOR SIZE	MOTOR RPM	ECM	VOLT	PH	FREQ		
CP-1	D'MAND KONTROLS SYSTEMS	ACT1	MECHANICAL	10	INLINE	0.0 GPM	10.5 FT	0.17 hp	3450	Yes	120 V	1	60 Hz	9 lb	1-2

1. COMPLETE WITH TEMPERATURE SENSOR, CONTROLLER, AND (2) WIRED MOTION SENSORS.
2. SEE SPECIFICATIONS SECTION 22 3413 & DETAIL E/P501.

THERMOSTATIC MIXING VALVE SCHEDULE

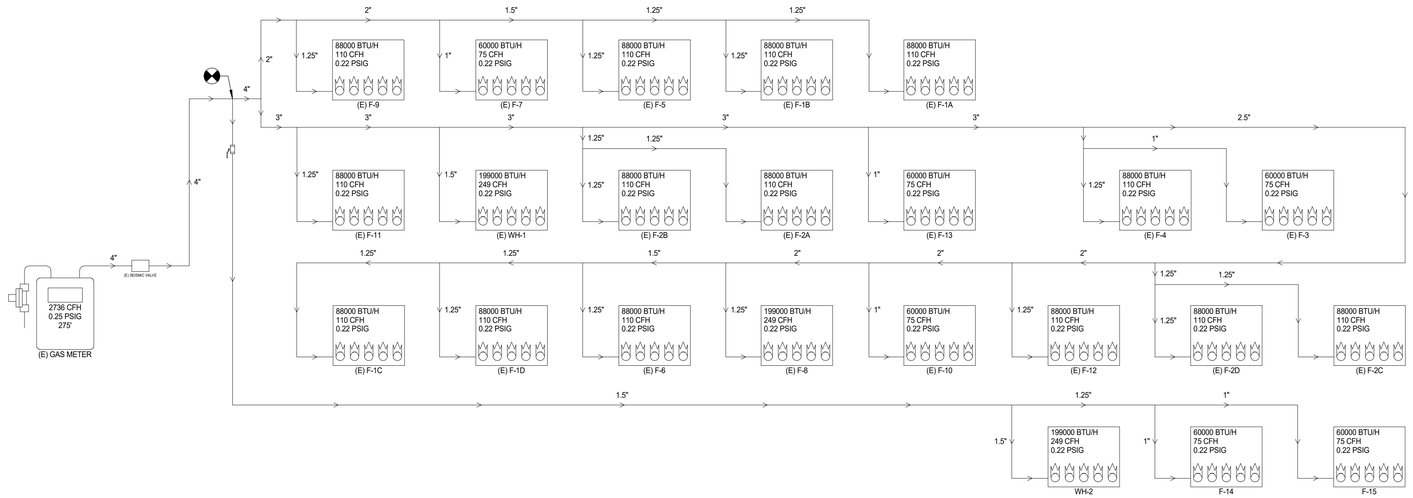
ID	MANUFACTURER	MODEL NUMBER	LOCATION	CONSTRUCTION	ACTUATOR TYPE	FLOW RATE	HEAD LOSS	CONNECTION SIZE	NOTES
TMV-1	POWERS	LFMM431	WH-2	LEAD-FREE BRASS	THERMAL	3 - 14 GPM	5 PSI	3/4"	1

1. ASSE 1017 LISTED.

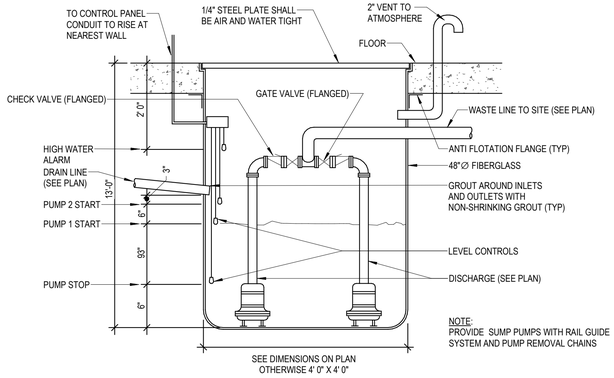
SUMP PUMP SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	LOCATION	TYPE	FLUID			PUMP		ELECTRICAL		NOTES
					FLOW RATE	WORKING FLUID	HEAD	EFFICIENCY (%)	CONSTRUCTION	MOTOR SIZE (HP)	V/PH/HZ	
SP-1	ZOELLER	MIGHTY-MATE MODEL 59	OUTSIDE SUMP	SUBMERSIBLE	30.0 GPM	WATER	11.00 FT		CAST-IRON	0.33	120/1/60	1-2
SP-2	ZOELLER	MIGHTY-MATE MODEL 59	OUTSIDE SUMP	SUBMERSIBLE	30.0 GPM	WATER	11.00 FT		CAST-IRON	0.33	120/1/60	1-2

1. PUMP PACKAGE TO INCLUDE PUMPS, CONTROL PANEL, GUIDE RAILS, AND LEVEL CONTROLS.
2. PUMPS TO INCLUDE PRIMARY AND SECONDARY PUMPS.
3. SEE DETAIL A/P601.



B P601 GAS SCHEMATIC
NOT TO SCALE



NOTE:
PROVIDE SUMP PUMPS WITH RAIL GUIDE SYSTEM AND PUMP REMOVAL CHAINS

A P601 SUMP PUMP DUPLEX DETAIL
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181 East 5600 South
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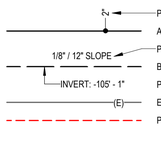
GENERAL MECHANICAL SYMBOLS

- REVISION NUMBER - SHOWN ON PLANS
- POINT WHERE NEW CONNECTS TO EXISTING
- POINT WHERE EXISTING IS TO BE DEMOLISHED
- NUMBER OF DETAIL ON SHEET
- NUMBER OF SHEET WHERE DETAIL APPEARS
- KEYNOTE
- CONTINUATION SYMBOL
- Room 11 — ROOM NAME AND NUMBER
- ITEM TO BE DEMOLISHED
- AREA NOT IN CONTRACT



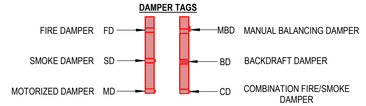
- PIPE SIZE TAG (DIAMETER)
- ABOVE GROUND PIPING
- PIPE SLOPE TAG
- BELOW GROUND PIPING
- PIPE INVERT ELEVATION TAG
- EXISTING PIPE TAG
- PIPING BEING DEMOLISHED

ABBREVIATIONS

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	MA	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MUA	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLG	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
D	DEGREE	O	OXYGEN
DB	DRY BULB	OA	OUTSIDE AIR
DCW	DOMESTIC COLD WATER	PD	PRESSURE DROP
DHW	DOMESTIC HOT WATER	PIV	POST INDICATOR VALVE
DIA	DIAMETER	PLBG	PLUMBING
DN	DOWN	PRESS	PRESSURE
DW	DISTILLED WATER	PRV	PRESSURE REDUCING VALVE
EA	EACH	PSI	POUNDS PER SQUARE INCH
EAT	ENTERING AIR TEMPERATURE	PSIG	POUNDS PER SQUARE INCH GAUGE
ELEC	ELECTRICAL	PWR	POWER
EQUIP	EQUIPMENT	R	DUCT RISER
EWC	ELECTRIC WATER COOLER	RA	RETURN AIR
EWT	ENTERING WATER TEMPERATURE	RCP	RADIANT CEILING PANEL
EA	EXHAUST AIR	RD	ROOF DRAIN
EXIST	EXISTING	RDO	ROOF DRAIN OVERFLOW
F	DEGREES FAHRENHEIT	REC	RECESSED
FCO	FLOOR CLEAN OUT	RED	REDUCER
FD	FLOOR DRAIN	RH	RELATIVE HUMIDITY
FD	FIRE DAMPER	RLIA	RELIEF AIR
FDV	FIRE DEPARTMENT VALVE	RM	ROOM
FL	FLOOR	RPM	REVOLUTIONS PER MINUTE
FO	FUEL OIL	RW	RAIN WATER
FOV	FUEL OIL VENT	SF	SQUARE FOOT
FOR	FUEL OIL RETURN	SA	SUPPLY AIR
FOS	FUEL OIL SUPPLY	SAN	SANITARY
FPM	FEET PER MINUTE	SF	SQUARE FOOT
FS	FLOOR SINK	SD	SMOKE DAMPER
FT	FOOT/FEET	SM	SURFACE MOUNT
FTR	FIN TUBE RADIATION	SP	STANDPIPE
GAL	GALLON	SP	STATIC PRESSURE
GC	GENERAL CONTRACTOR	STM	STEAM
GPM	GALLONS PER MINUTE	T	THERMOSTAT
GW	GREASE WASTE	TD	TRENCH DRAIN
HB	HOSE BIB	TDR	TEMPERATURE DROP
HP	HORSE POWER	TEMP	TEMPERATURE
HTG	HEATING	TYP	TYPICAL
HTR	HEATER	UG	UNDERGROUND
HYD	HYDRANT	VAC	VACUUM
ID	INDIRECT	V	VENT
IN	INCH	VAV	VARIABLE AIR VOLUME
INV	INVERT	VENT	VENTILATION
LB	POUND	VTR	VENT THROUGH ROOF
LB/HR	POUNDS PER HOUR	W	WASTE
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LP	LOW PRESSURE	WCO	WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT

HVAC SYMBOLS

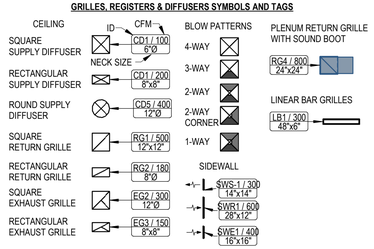
DAMPER TAGS

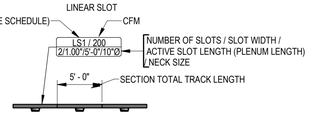


HVAC SYMBOLS

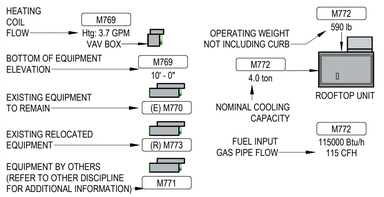
- 20"x8" — SQUARE DUCT SIZE TAG (WIDTH x HEIGHT)
- 20"/8"FO — OVAL DUCT SIZE TAG (WIDTH / HEIGHT)
- 20"Ø — ROUND DUCT SIZE TAG (DIAMETER)
- (E) — EXISTING DUCT TAG
- DUCT BEING DEMOLISHED
- SA — SUPPLY AIR - LOW PRESSURE
- SA — SUPPLY AIR - MEDIUM PRESSURE
- OA — CONDITIONED OUTSIDE AIR
- OA — OUTSIDE AIR
- RA — RETURN AIR
- TA — TRANSFER AIR
- EA — EXHAUST AIR
- RLA — RELIEF AIR
- GEA — GREASE EXHAUST AIR
- SEA — SMOKE EXHAUST AIR
- FLUE — EXHAUST GAS FLUE
- CA — COMBUSTION AIR
- DROP — RECTANGULAR SUPPLY/OUTSIDE AIR DUCT RISE
- DROP — ROUND SUPPLY/OUTSIDE AIR DUCT RISE
- DROP — RECTANGULAR RETURN/TRANSFER AIR DUCT RISE
- DROP — ROUND RETURN/TRANSFER AIR DUCT RISE
- DROP — RECTANGULAR EXHAUST/RELIEF AIR DUCT RISE
- DROP — ROUND EXHAUST/RELIEF AIR DUCT RISE

GRILLES, REGISTERS & DIFFUSERS SYMBOLS AND TAGS

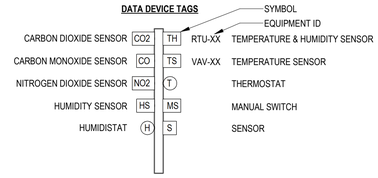




MECHANICAL EQUIPMENT TAGS

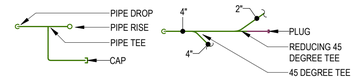


DATA DEVICE TAGS

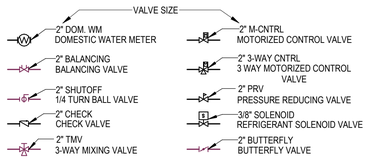


PIPING SYMBOLS

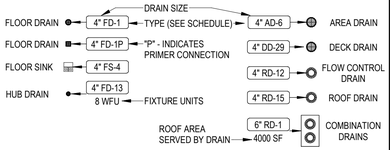
- CD — CONDENSATE DRAINAGE
- NG — NATURAL GAS
- REFL — REFRIGERANT-LIQUID
- REFS — REFRIGERANT-SUCTION
- REFHG — REFRIGERANT-HOT GAS
- CWV — COMBINATION WASTE & VENT
- DCW — DOMESTIC COLD WATER
- SCW — SOFT COLD WATER
- FCW — FILTERED COLD WATER
- NPCW — NON-POTABLE COLD WATER
- RO — REVERSE OSMOSIS WATER
- DHW — HOT WATER
- DHWR — HOT WATER RECIRCULATION
- PD — PUMP DISCHARGE
- V — SANITARY VENT
- W — SANITARY SEWER



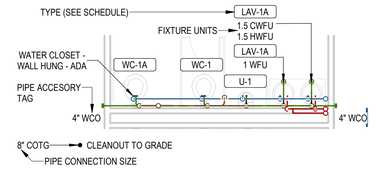
PIPE ACCESSORY TAGS



DRAIN TAGS



PLUMBING FIXTURE TAGS



* NOTE *
THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

MECHANICAL GENERAL NOTES

1. COORDINATE EXACT PLACEMENT OF DIFFUSERS, GRILLES AND REGISTERS WITH ARCHITECTURAL REFLECTED CEILING PLAN, TYPICAL.
2. SEE DETAIL FOR DIFFUSER CONNECTIONS TO DUCTWORK, TYPICAL.
3. BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE NECK INLET SIZE OF THE DIFFUSERS, REGISTER OR GRILLE IT SERVES UNLESS NOTED OTHERWISE, TYPICAL.
4. COORDINATE EXACT MOUNTING LOCATION OF ALL THERMOSTATS WITH LATEST REVISION OF ARCHITECTURAL ELEVATION AND FURNISHINGS PLANS, TYPICAL.
5. THE MECHANICAL CONTRACTOR SHALL PROVIDE FIRE, SMOKE OR COMBINATION FIRE/SMOKE DAMPERS AT ALL LOCATIONS SHOWN ON THE CONTRACT DOCUMENTS AND AS REQUIRED TO MEET THE INTEGRITY OF ALL SMOKE AND FIRE PARTITIONS. THE CONTRACTOR SHALL REFER TO THE LATEST ARCHITECTURAL LIFE SAFETY PLANS FOR ALL FIRE AND SMOKE PARTITION LOCATIONS. DAMPERS ARE TO BE PROVIDED WITH SHUTOFF/TEST SWITCH AT EACH LOCATION.
6. PROVIDE AND INSTALL TURNING VANES IN ALL SQUARE LOW PRESSURE DUCTWORK AT ELBOWS OR TEES, TYPICAL.
7. INSTALL ALL TERMINAL BOXES IN EASILY ACCESSIBLE AND SERVICEABLE LOCATIONS, MEETING ALL MANUFACTURERS REQUIRED CLEARANCES ON EACH SIDE, SEE DETAILS, TYPICAL.
8. DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. REFER TO MECHANICAL SPECIFICATIONS FOR EXTENT OF DUCT INSULATION AND LINER AND ADJUST SHEET METAL DIMENSION.
9. PROVIDE AND INSTALL REMOTE DAMPER OPERATORS FOR ALL DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING, SEE MECHANICAL SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS, TYPICAL.
10. PROVIDE AND INSTALL HIGH EFFICIENCY TAKE-OFF FITTINGS AND BALANCING DAMPER AT ALL BRANCH CONNECTIONS TO LOW PRESSURE DUCTWORK. PROVIDE BALANCING DAMPERS AT EACH BRANCH TAKE OFF TO SERVE DIFFUSER OR GRILLE AS WELL AS WHERE INDICATED.
11. PROVIDE AND INSTALL HIGH EFFICIENCY OR CONICAL TAKE-OFFS AT ALL BRANCH CONNECTIONS TO MEDIUM PRESSURE DUCTWORK.
12. WHERE DUCTWORK CROSSES, SUPPLY DUCTWORK IS USUALLY BELOW RETURN AND EXHAUST DUCT. RETURN DUCTWORK IS USUALLY BELOW EXHAUST DUCTS.
13. AT LOCATIONS WHERE DIFFUSERS OR GRILLES ARE UNDER DUCTWORK, CONTRACTOR TO FABRICATE TRANSITION BOOT FROM FLEX CONNECTION TO DIFFUSER OR GRILLE WITH BALANCING DAMPER, TYPICAL.
14. THE MECHANICAL CONTRACTOR SHALL PROVIDE CEILING MOUNTED ACCESS DOORS FOR ALL FIRE, SMOKE AND COMBINATION FIRE/SMOKE DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING. FIELD VERIFY EXACT INSTALLATION LOCATIONS PRIOR TO COMMENCING WORK AND COORDINATE INSTALLATIONS WITH LATEST ARCHITECTURAL REFLECTED CEILING PLANS.
15. ALL VAV BOXES TO HAVE REHEAT COILS, EXCEPT AS NOTED. PROVIDE EQUIPMENT TAG TO MATCH SCHEDULE. PROVIDE A MINIMUM OF TWO DUCT DIAMETERS OF STRAIGHT ROUND DUCT TO INLET OF VAV BOX. BOX SHALL BE HARD CONNECTED (CONICAL) TO MEDIUM PRESSURE DUCT, TYPICAL.
16. PROVIDE ACCESS DOORS TO ACCESS VAV BOX CONTROLS ABOVE HARD CEILINGS. PROVIDE MINIMUM 24" X 24".
17. FLEX DUCT IS REQUIRED FOR ALL DIFFUSERS AND GRILLES INSTALLED IN LAY-IN CEILINGS. FOR DIFFUSERS AND GRILLES IN HARD LID CEILINGS, THE DUCTWORK SHALL BE EXTENDED ALL THE WAY TO THE DIFFUSER AND SHALL BE CONNECTED WITH A HARD CONNECTION OR A FLEX DUCT CONNECTION WITH A MUD RING AND LAY-IN DIFFUSER AS SHOWN ON PLANS.
18. THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
19. PROVIDE ACCESS TO ALL TEMPERATURE CONTROLS ABOVE CEILING. LOCATE IN ACCESSIBLE LOCATION. WHERE THERE ARE HARD CEILINGS THE CONTRACTOR SHALL PROVIDE 24" X 24" ACCESS DOOR.
20. SUPPLY AND RETURN PIPING TO COILS ARE THE SAME SIZE.
21. CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 5'-0" AFF, A MINIMUM OF 8" FROM LIGHT SWITCH, UNLESS OTHERWISE NOTED ON THE ARCHITECT'S ELEVATIONS. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
22. REFER TO MECHANICAL PIPING OR ZONING DRAWINGS FOR THERMOSTAT AND TEMPERATURE SENSOR LOCATIONS.
23. CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPINE SHALL BE TYPE "L" COPPER UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.
24. PROVIDE A 4" HOUSEKEEPING PAD FOR EACH PIECE OF MECHANICAL EQUPMENT THAT IS FLOOR MOUNTED. COORDINATE SIZES WITH MECHANICAL EQUIPMENT SELECTED.
25. ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS.
26. THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.

MECHANICAL PIPING GENERAL NOTES

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PIPING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2. UNLESS OTHERWISE NOTED: ALL MECHANICAL PIPING IS OVERHEAD TO RUN ABOVE DUCTWORK AND TIGHT TO UNDERSIDE OF STRUCTURE.
3. INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
4. ALL VALVES SHALL BE INSTALLED SO THAT VALVES REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED.
5. PROVIDE AIR VENT AT HIGH POINT OF EACH DROP IN THE HEATING AND CHILLED WATER PIPING SYSTEM.
6. ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION AND TAGGED.
7. PROVIDE ISOLATION VALVES AT EACH EXIST/ENTRANCE INTO SHAFT WHETHER OR NOT SHOWN.
8. COORDINATE LOCATION OF THERMOSTAT WITH ARCHITECTURAL FURNISHING PLANS. MOUNT THERMOSTAT AT HEIGHT AS SPECIFIED ON ARCHITECTURAL PLANS OR SPECIFICATIONS.

PROJECT GENERAL NOTES

1. THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES.
2. REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES.
3. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN THE TENANT SPACE AND WITHIN CLOSE PROXIMITY TO THE TENANT SPACE. THE CONTRACTOR WILL FIELD VERIFY AS MUCH AS IS REASONABLE BEFORE THE FINAL BID. AFTER THE FINAL BID THE CONTRACTOR WILL NOTIFY THE OWNER, ARCHITECT, AND MECHANICAL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT MAY AFFECT THE DESIGN.
4. THE MECHANICAL CONTRACTOR SHALL PERFORM SERVICE AND REPAIR ON THE EXISTING EQUIPMENT AND ITS ACCESSORIES AS FOLLOWS: CLEAN ALL COILS, REPLACE THE FILTERS AND BELTS, INSPECT, REPAIR, OR REPLACE THE ECONOMIZERS, DRIVERS AND FAN BEARINGS, MOTORS, CONTROL COMPONENTS, VALVES, AND ANY OTHER ITEM NECESSARY FOR A COMPLETE AND PROPER OPERATING SYSTEM. THIS CONTRACTOR SHALL ALSO VISIT THE SITE, PRIOR TO FINAL BIDDING, AND VERIFY ALL EXISTING SITE CONDITIONS. PROVIDE ALL MATERIAL AND COMPONENTS AS NEEDED TO BRING THE UNITS TO FULL COMPLIANCE OF THE LANDLORD'S CRITERIA AND LOCAL AUTHORITY HAVING JURISDICTION.
5. WHERE FLOOR DRAINS OCCUR WITH THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
6. COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, EQUIPMENT, CEILINGS, ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE PROJECT TO PREVENT CONFLICTS.
7. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES, INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
8. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATION BUILDING CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL PLUMBING CODE.
9. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
10. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
11. COORDINATE INSTALLATION OF DUCTWORK, PIPING AND MECHANICAL EQUIPMENT WITH NEC CLEARANCES INCLUDING THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. NO PIPING OR DUCTWORK TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING.
12. FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION.
13. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
14. TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION.
15. REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING.
16. ALL PIPE AND DUCT SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
17. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
18. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
19. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS, BAS DEVICES, MAINTENANCE ACCESS, ETC.
20. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
21. LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, OFFSETS AND TRANSITIONS. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUIT, PLUMBING, MECHANICAL AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS TO AVOID INTERFERENCE IN THE FIELD.
22. THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
23. IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
24. DETAILS REFERENCE ALL SHEETS.
25. INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING.
26. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY WASTE, ROOF DRAIN, CAMPUS CHILLED OR HOT WATER, AND ANY OTHER UTILITY SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
27. LOCATE VALVING, ACCESSORIES, AND EQUIPMENT IN ACCESSIBLE LOCATIONS. WHERE LOCATED ABOVE HARD CEILING PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24" X 24". COORDINATE EXACT LOCATION AND STYLE WITH ARCHITECT. EQUIPMENT SHALL BE LOCATED IN THE CEILING CAVITY SO IT CAN BE SAFELY SERVICED FROM SOMEONE STAND ON A LADDER PLACED BELOW THE CEILING ACCESS.
28. WHERE VALVING, ACCESSORIES, OR EQUIPMENT IS LOCATED IN A WALL, PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
29. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
30. CONTRACTOR TO PROVIDE DELEGATED DESIGN OF SEISMIC BRACING AS A DEFERRED SUBMITTAL. SEE SPECIFICATION 23 0548 - VIBRATION AND SEISMIC CONTROLS FOR HVAC.
31. CONTRACTOR TO PROVIDE BIM COORDINATION AND VIRTUAL DESIGN AND CONSTRUCTION SERVICES TO A xxx LEVEL OF DETAIL. SEE SPECIFICATION 23 0099-BIM COORDINATION.

MECHANICAL SHEET INDEX

VBFA
181 East 5600 South
Murray, Utah 84107
O: (801)530-3148
www.vbfa.com
VBFA Project #: 240550

PROFESSIONAL ENGINEER REGISTERED 16104 STATE OF IDAHO BENJAMIN L. DAVIS
08/29/2024

DATE

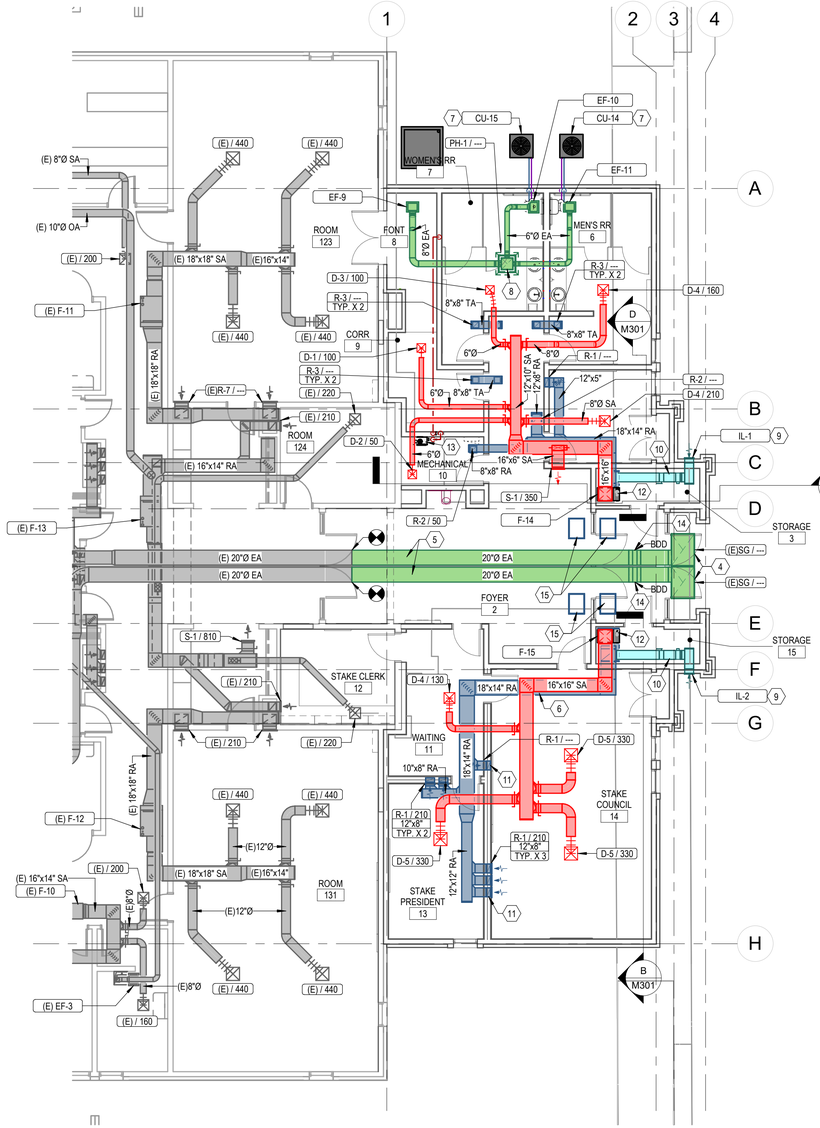
Project Status

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301
MECHANICAL TITLE SHEET

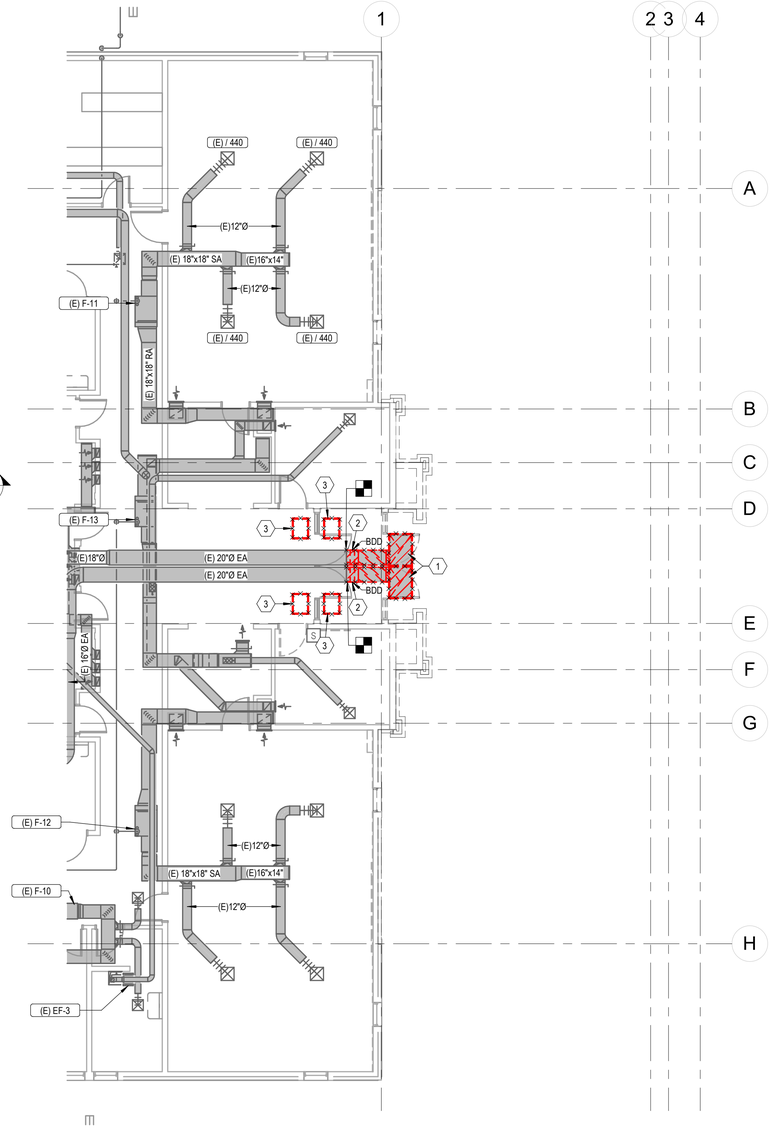
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

DATE: 08/29/2024
BDO Drawn | BLD Checked
24001 PROJECT #

M001



1 M101 LEVEL 1 MECHANICAL PLAN
1/8" = 1'-0"
0 4' 8' 16'



2 M101 LEVEL 1 MECHANICAL DEMO PLAN
1/8" = 1'-0"
0 4' 8' 16'

GENERAL 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 DO NOT USE LINER INSIDE RETURN AIR DUCT RISERS IN 2"X6" WALLS.

4 WRAP ALL OUTSIDE AIR DUCTS WITH EXTERNAL INSULATION.

5 SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF GRILLES AND DIFFUSERS.

6 ALL PVC EQUIPMENT VENTS, PLUMBING VENTS, AND PENTHOUSE EXHAUST VENTS SHALL BE PAINTED TO MATCH ROOF COLOR.

7 DO NOT ROUTE PIPES ABOVE ELECTRICAL PANELS. MAINTAIN CLEAR ACCESS SPACE IN FRONT OF ALL ELECTRICAL PANELS 4'-0" DEEP AND 6'-6" HIGH.

KEYNOTES

1 CAREFULLY REMOVE EXISTING SOFFIT GRILLES AND RELATED PLENUM AS SHOWN FOR RELOCATION. REFER TO MECHANICAL PLAN, THIS SHEET, FOR AREA OF RELOCATION.

2 CAREFULLY REMOVE EXISTING BACK DRAFT DAMPERS AS SHOWN FOR RELOCATION. REFER TO MECHANICAL PLAN, THIS SHEET, FOR AREA OF RELOCATION.

3 REMOVE EXISTING CEILING TRANSFER AIR GRILLE FOR RELOCATION. REFER TO MECHANICAL PLAN, THIS SHEET, FOR AREA OF RELOCATION.

4 REINSTALL EXISTING SOFFIT GRILLES AND RELATED PLENUM AT THIS LOCATION.

5 EXTEND EXISTING 20" ROUND EXHAUST AIR DUCTS FROM THIS LOCATION TO NEW LOCATION OF EXISTING SOFFIT GRILLES AND RELATED PLENUM.

6 ROUTE MAIN DUCTS BETWEEN ROOF TRUSSES. COORDINATE EXACT LOCATIONS. TYPICAL.

7 AIR COOLED CONDENSING UNIT. REFER TO SHEET M502 FOR REFRIGERANT PIPING SCHEME AND DETAILS.

8 12X12 EXHAUST UP TO PENTHOUSE ON ROOF. PROVIDE BACK DRAFT DAMPER AT INSULATION ENVELOPE PENETRATION. INSTALL DUCT WRAP AT ALL PORTIONS EXTENDING BELOW ENVELOPE.

9 12"X24"X28" DEEP UNLINED AND WRAPPED MINIMUM OUTSIDE AIR PLENUM. SLOPE BOTTOM OF PLENUM TOWARDS LOUVER WITH BOTTOM EDGE OF PLENUM EXTENDING OVER EXTERIOR MASONRY. LINE BOTTOM AND SIDES OF PLENUM WITH ICE AND WATER SHIELD. PROVIDE 6"X6" ACCESS DOOR.

10 12"Ø UNLINED AND WRAPPED OUTSIDE AIR DUCT FROM MAIN RETURN AIR DUCT TO OA PLENUM. PROVIDE MINIMUM OUTSIDE AIR CONTROLS. REFER TO DETAIL K/M501.

11 DROP 12"X5" UNLINED RA DUCT DOWN WALL TO SIDEWALL RETURN AIR GRILLE.

12 CONCENTRIC VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAIL L/M501.

13 WATER HEATER VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAIL E/P501.

14 RE-INSTALL EXISTING BACK DRAFT DAMPERS AT THIS LOCATION.

15 RE-INSTALL EXISTING TRANSFER AIR GRILLE NEAR THIS LOCATION. FIELD VERIFY EXACT LOCATION WITH NEW STRUCTURE.

PROFESSIONAL ENGINEER REGISTERED 18104 STATE OF IDAHO BENJAMIN L. DAVIS
08/29/2024

DATE

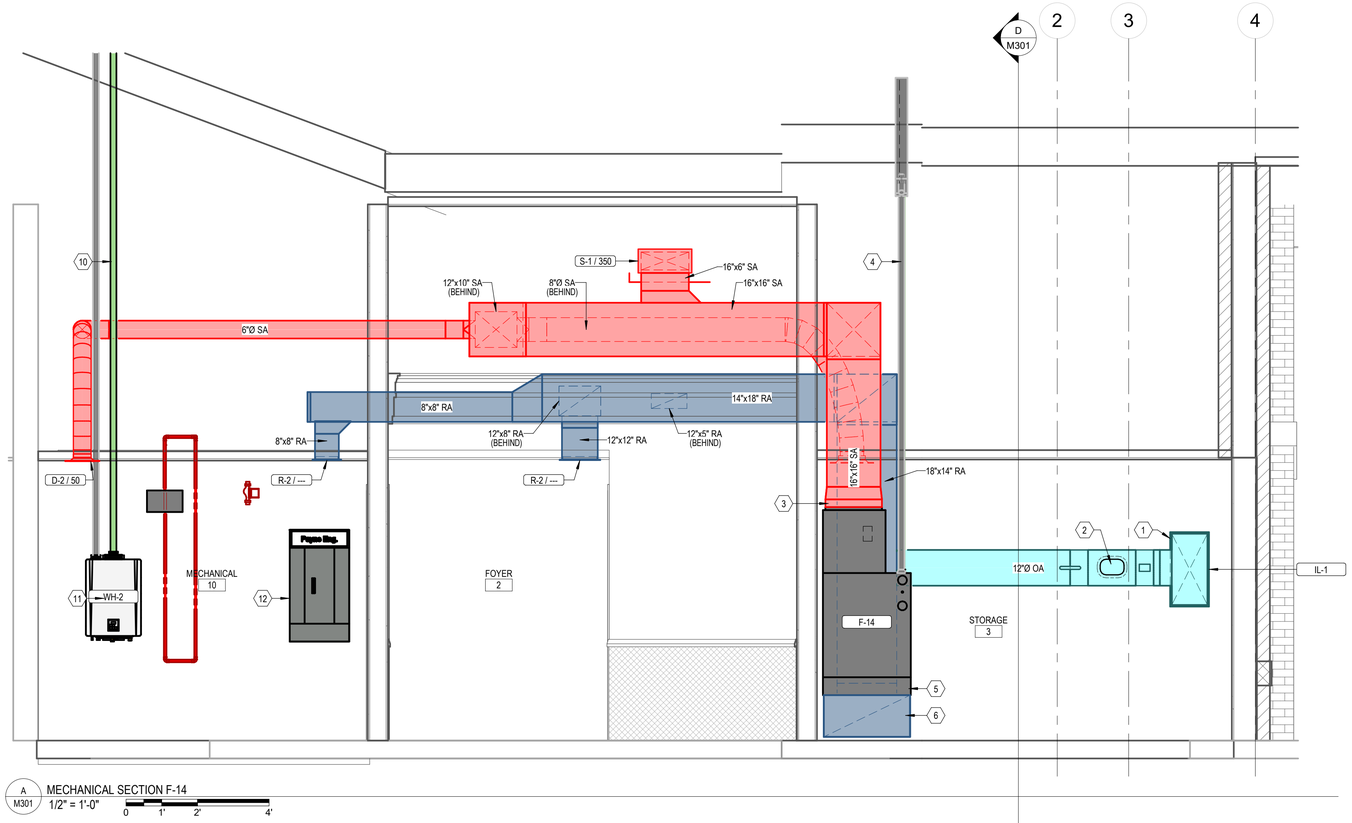
Project Status
THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301
LEVEL 1 MECHANICAL PLAN

Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

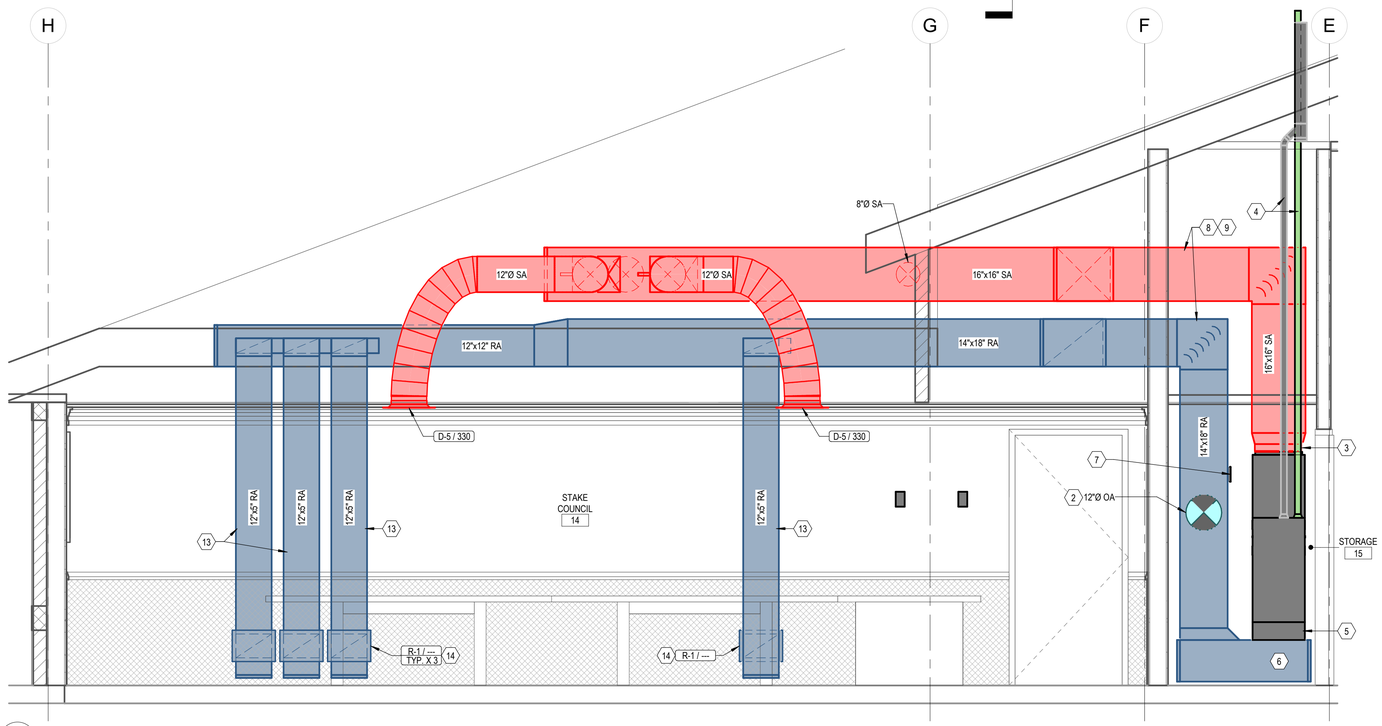
DATE: 08/29/2024
BDO Drawn | BLD Checked
24001 PROJECT #

M101

VBFA
181 East 5600 South
Murray, Utah 84107
O: (801)530-3148
www.vbfa.com
VBFA Project #: 240550



A M301 MECHANICAL SECTION F-14
1/2" = 1'-0"
0 1' 2' 4'



B M301 MECHANICAL SECTION F1
1/2" = 1'-0"
0 1' 2' 4'

KEYNOTES

8 SEE SHEET M101 FOR CONTINUATION.

9 ROUTE MAIN DUCTS BETWEEN ROOF TRUSSES. COORDINATE EXACT LOCATIONS. TYPICAL.

10 WATER HEATER VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAIL E/P501.

11 PLUMBING EQUIPMENT. SEE PLUMBING DRAWINGS.

12 ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS.

13 DROP 12"X5" UNLINED RA DUCT DOWN WALL TO SIDEWALL RETURN AIR GRILLE.

14 INSTALL ALL LOW SIDEWALL RETURN AIR GRILLES AT 8" FROM FINISH FLOOR TO BOTTOM EDGE OF GRILLE FRAME. TYPICAL.

KEYNOTES

1 12"X24"X28" DEEP UNLINED AND WRAPPED MINIMUM OUTSIDE AIR PLENUM. SLOPE BOTTOM OF PLENUM TOWARDS LOUVER WITH BOTTOM EDGE OF PLENUM EXTENDING OVER EXTERIOR MASONRY. LINE BOTTOM AND SIDES OF PLENUM WITH ICE AND WATER SHIELD. PROVIDE 6"X6" ACCESS DOOR.

2 MINIMUM OUTSIDE AIR CONTROLS. REFER TO DETAIL K/M501.

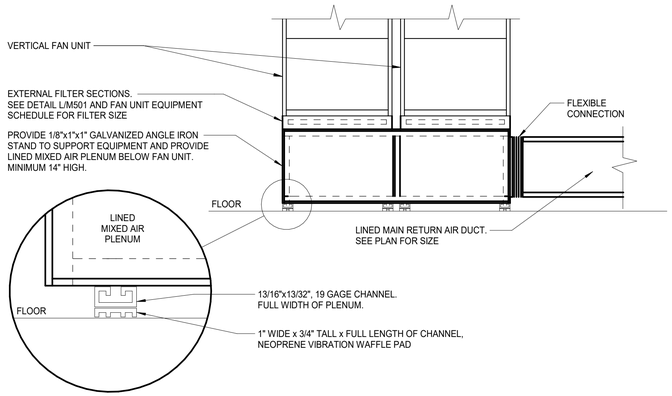
3 FLEXIBULE CONNECTION. TYPICAL.

4 FURNACE VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAIL L/M501. FIELD VERIFY EXACT ROUTING AND LOCATION WITH STRUCTURE.

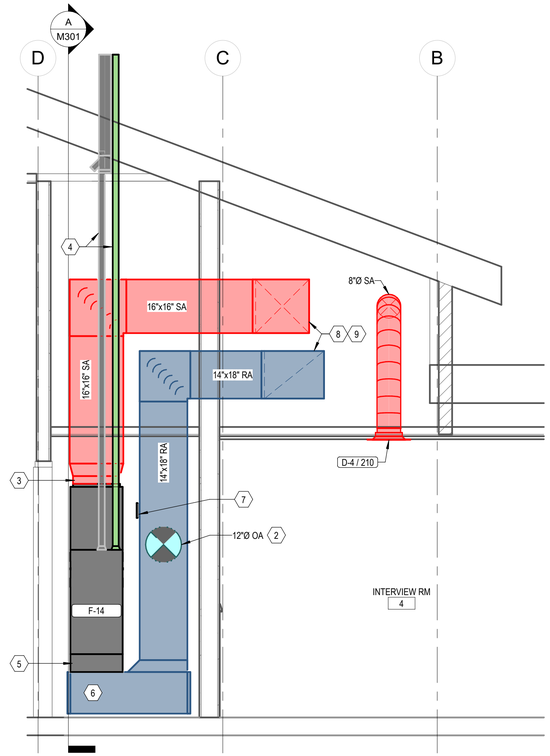
5 EXTERNAL FILTER RACK. REFER TO DETAIL H/M501. TYPICAL.

6 PROVIDE MIXED AIR PLENUM BELOW NEW FURNACE. REFER TO DETAIL C/M301.

7 CO2 SENSOR. REFER TO ATC SHEETS. INSTALL IN RETURN AIR ONLY, UPSTREAM OF MINIMUM OA DUCT CONNECTION. TYPICAL FOR EACH NEW FURNACE SYSTEM.



C M301 VERTICAL FAN UNIT SUPPORT DETAIL
NOT TO SCALE



D M301 MECHANICAL SECTION F-15
1/2" = 1'-0"
0 1' 2' 4'

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PROFESSIONAL ENGINEER REGISTERED
16104
STATE OF IDAHO
BENJAMIN L. DAVIS
08/29/2024

DATE

Project Status

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301
MECHANICAL SECTIONS

Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
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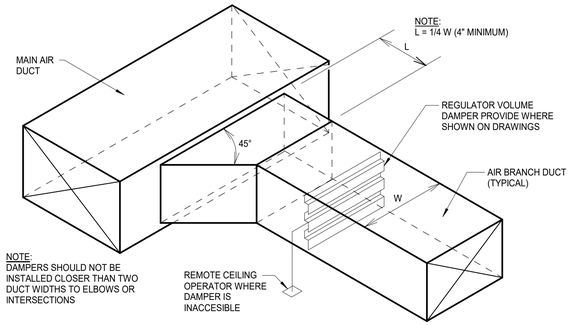
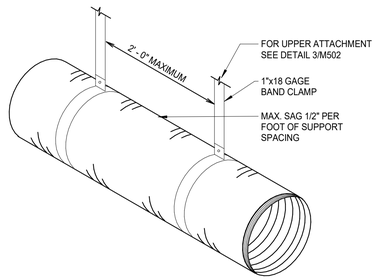
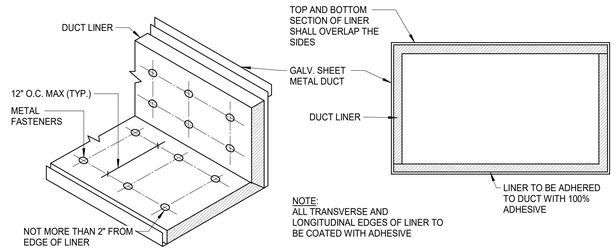
M301



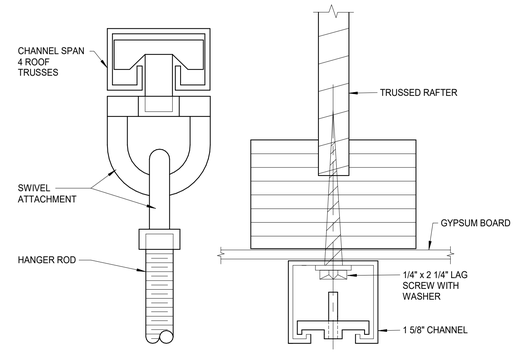
A SUPPLY OR RETURN AIR DUCT BRANCH CONNECTION DETAIL
NOT TO SCALE



B FLEXIBLE DUCT SUPPORT DETAIL
NOT TO SCALE



C DUCT LINER DETAIL
NOT TO SCALE

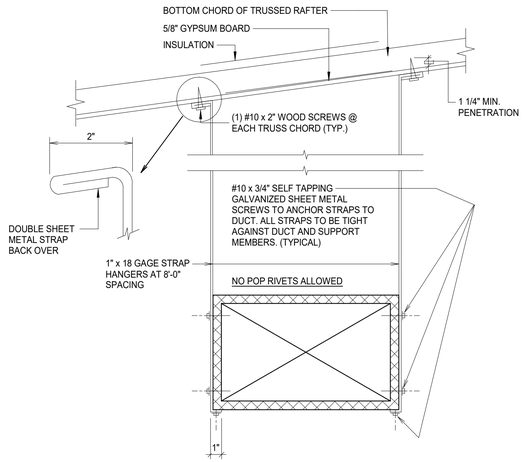


D UPPER ATTACHMENT DETAIL
NOT TO SCALE

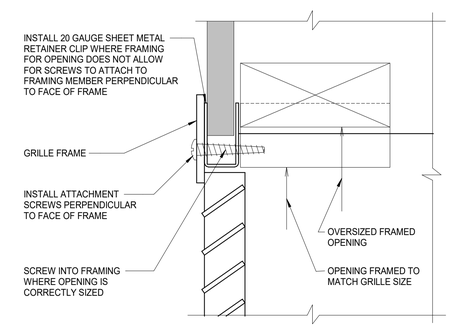
DIMENSION OF LONGEST SIDE (INCHES)	SHEET METAL GAGE (ALL FOUR SIDES)	TRANSVERSE REINFORCING (1)						
		MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS AND/OR INTERMEDIATE REINFORCING	AT JOINTS					
			MIN. H, (IN)	DRIVE SLIP / PLAIN 'S' SLIP RECOM-MENDED GAGE	HEMMED 'S' SLIP RECOM-MENDED GAGE	ALTER'NT BAR SLIP RECOM-MENDED GAGE	REIN-FORCED BAR SLIP 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.

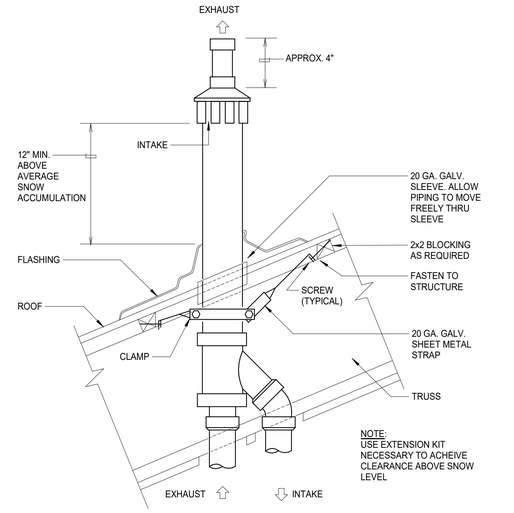
E DUCT CONSTRUCTION DETAIL
NOT TO SCALE



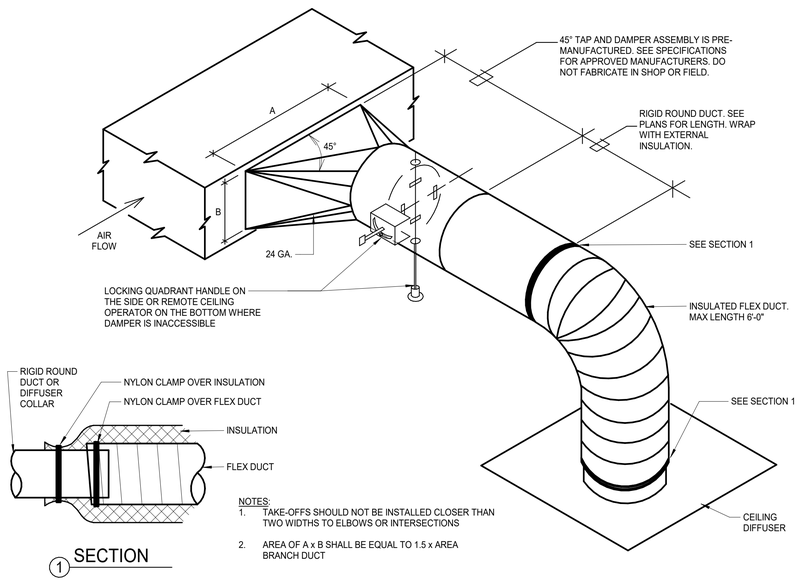
F DUCT STRAP HANGER DETAIL
NOT TO SCALE



G GRILLE ATTACHMENT DETAIL
NOT TO SCALE

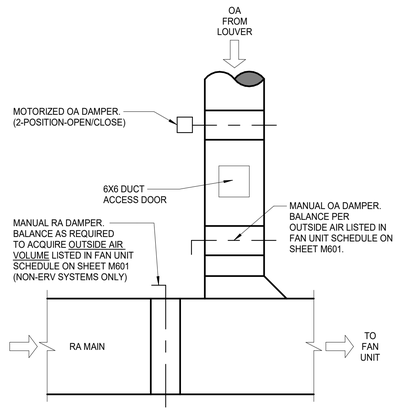


H CONCENTRIC ROOF TERMINATION DETAIL
NOT TO SCALE

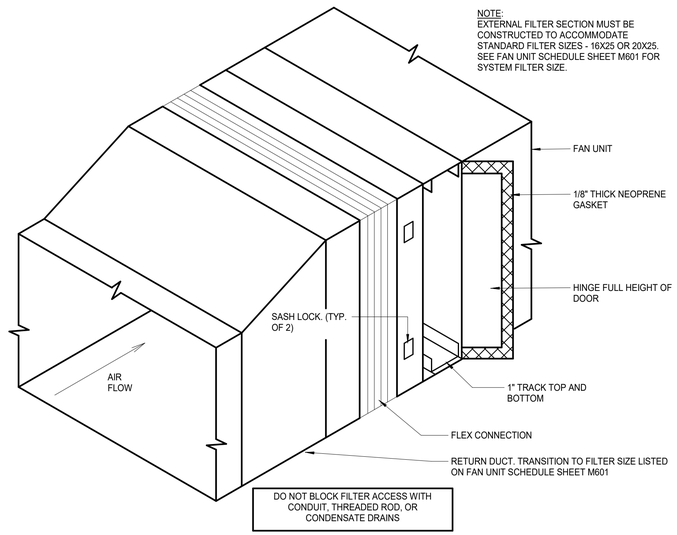


1 SECTION

J SQUARE TO ROUND TAKE-OFF DETAIL
NOT TO SCALE



K TYPICAL OUTSIDE AIR DUCT DETAIL
NOT TO SCALE



L EXTERNAL FILTER SECTION DETAIL
NOT TO SCALE

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Murray, Utah 84107
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PROFESSIONAL ENGINEER REGISTERED 18104 STATE OF IDAHO BENJAMIN L. DAVIS
08/29/2024

DATE

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1134 N College Rd W, Twin Falls, ID 83301
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Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
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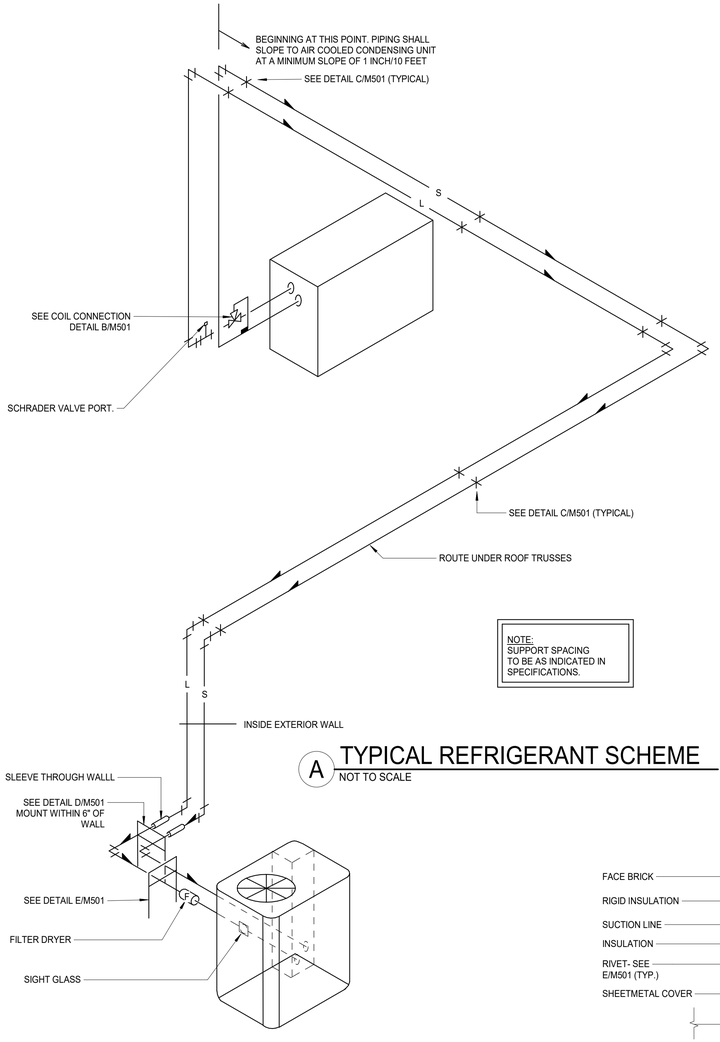
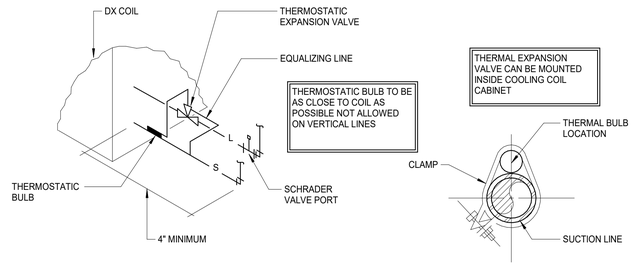


A TYPICAL REFRIGERANT SCHEME
NOT TO SCALE



B REFRIGERANT COIL CONNECTION DETAIL
NOT TO SCALE

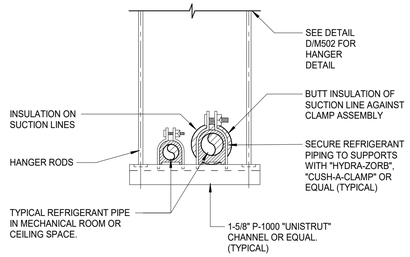
REFRIGERANT PIPING LEGEND

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

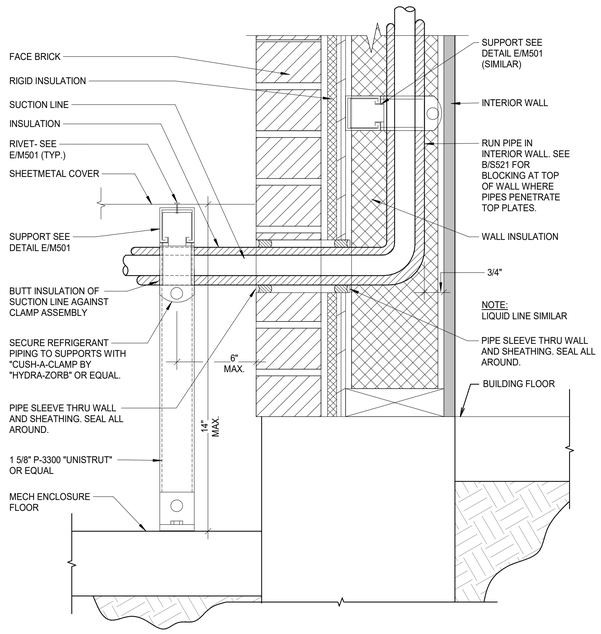
REFRIGERANT LINE SIZES

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"

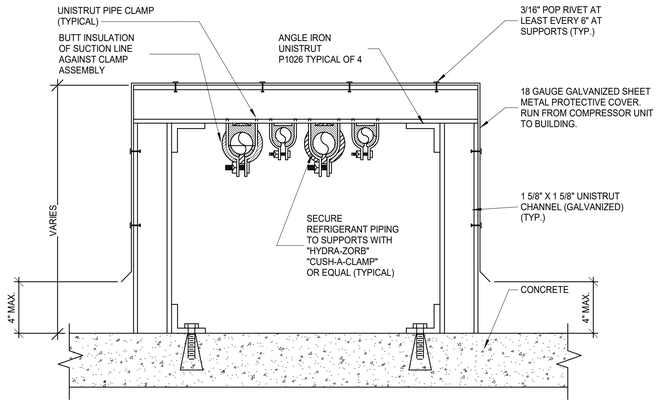
*REFER TO COMPRESSOR UNIT SCHEDULE ON SHEET M601 FOR SYSTEM SIZES.



C SUSPENDED REFRIGERANT PIPE SUPPORT AT CEILING
NOT TO SCALE



D REFRIGERANT PIPE SUPPORT AT WALL DETAIL
NOT TO SCALE



E EXTERIOR REFRIGERANT PIPE SUPPORT DETAIL
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M502

NATURAL GAS FURNACE SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	LOCATION	TYPE	HEATING					COOLING											ELECTRICAL		PHYSICAL				NOTES
					AIRFLOW RATE	MIN. OUTSIDE AIRFLOW	EXTERNAL STATIC PRESSIRE	MIN. INPUT LOAD	LOAD	ENTERING TEMP, DB	LEAVING TEMP, DB	AIRFLOW RATE	MIN. OUTSIDE AIRFLOW	EXTERNAL STATIC PRESSIRE	LOAD	SENSIBLE LOAD	ENTERING TEMP, DB	ENTERING TEMP, WB	LEAVING TEMP, DB	LEAVING TEMP, WB	REFRIGERANT TYPE	MOTOR SIZE	V/PH/HZ	LENGTH	WIDTH	HEIGHT	FILTER SIZE	
F-14	CARRIER	59SC2D060E17--14	STORAGE 15	Condensing, Up, Side	1120 cfm	380 cfm	0.55 in. H2O	60000 Btu/h	52300 Btu/h	47.6°F	95°F	1120 cfm	380 cfm	0.55 in. H2O	33400 Btu/h	27200 Btu/h	81.8°F	64.2°F	55°F	53.2°F	R-454B	0.00 hp	120/1/60	29.5"	17.5"	52"	1"x16"x25"	1,2,3,5,7,8
F-15	CARRIER	59SC2D060E17--14	STORAGE 3	Condensing, Up, Side	1000 cfm	430 cfm	0.89 in. H2O	60000 Btu/h	53800 Btu/h	41°F	95°F	1000 cfm	430 cfm	0.89 in. H2O	26400 Btu/h	25900 Btu/h	83.6°F	62.3°F	55°F	52.3°F	R-454B	0.00 hp	120/1/60	29.5"	17.5"	52"	1"x16"x25"	1,2,3,6,7,8

1. FURNACE ID CORRESPONDS WITH CONDENSING UNIT.
2. SINGLE STAGE HEATING FURNACE.
3. 96% MINIMUM AFUE.
4. ECM BLOWER MOTOR.
5. PROVIDE 3.0 TON DX COOLING COIL (CARRIER CNPVP3617ALA) COMPLETE WITH FACTORY COIL BOX AND COIL.
6. PROVIDE 2.5 TON DX COOLING COIL (CARRIER CNPVP3017ALA) COMPLETE WITH FACTORY COIL BOX AND COIL.
7. PROVIDIE UNIT COMPLETE WITH PROGRAMMABLE WALL MOUNTED THERMOSTAT AND CONCENTRIC AIR/VENT KIT.
8. PROVIDE MATCHED AND BALANCED COIL AND CONDENSING UNIT FROM SINGLE SUPPLIER.

AIR-COOLED CONDENSING UNIT SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	LOCATION	TYPE	REFRIGERANT	LOAD	AMBIENT AIR	ELECTRICAL							PHYSICAL			NOTES
							ENTERING DB TEMP	ENTERING WB TEMP	COMPRESSOR RLA	FAN MOTOR FLA	TOTAL MCA	MOCP	SEER	V/PH/HZ	CONTROL CIRCUIT V/PH/HZ	LENGTH	WIDTH	HEIGHT	
CU-14	CARRIER	26SCA536W003	EQUIPMENT YARD	Scroll	R-454B	2.8 tons	95°F	62.6°F	12.2 A	1.4 A	16.7 amp	25.0 A	16	208/1/60	120/1/60	31.2"	31.2"	38.9"	1-4
CU-15	CARRIER	26SCA530W003	EQUIPMENT YARD	Scroll	R-454B	2.2 tons	95°F	62.6°F	11.7 A	0.6 A	15.2 amp	25.0 A	16	208/1/60	120/1/60	31.2"	31.2"	35.2"	1-4

1. CONDENSING UNIT ID CORRESPONDS WITH FURNACE
2. PROVIDE WITH FACTORY REFRIGERANT LINE SET.
3. PROVIDE MATCHED AND BALANCE COOLING COIL AND CONDENSING UNIT FROM SINGLE SUPPLIER.
4. FIELD VERIFY DISTANCE FROM FURNACE. UPSIZE REFRIGERANT LINE SET AS REQUIRED.

EXHAUST AIR FAN SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	LOCATION	QTY	TYPE	AIR			FAN				ELECTRICAL				PHYSICAL			NOTES
						MAXIMUM AIRFLOW	STATIC PRESSURE	MAX. AIR TEMP.	FAN SPEED	FAN WHEEL DIAMETER	STATIC EFFICIENCY	FAN CLASS	MOTOR SIZE	MOTOR BHP	MOTOR SPEED	MOTOR V/PH/HZ	LENGTH	WIDTH	HEIGHT	
EF-9	Cook	GC-422	FONT 8	1	Ceiling/Wall, Centrif, Direct	200 cfm	0.58 in. H2O	75°F	1500 rpm	6.313"	70%		0.05 hp	0.022 hp	1500 rpm	120/1/60	17"	11.875"	11.875"	1-3
EF-10	Cook	GC-166	WOMEN'S RR 7	1	Ceiling/Wall, Centrif, Direct	80 cfm	0.57 in. H2O	75°F	1100 rpm	7.63"	57%		0.04 hp	0.024 hp	1100 rpm	120/1/60	15.5"	13.75"	9"	1-3
EF-11	Cook	GC-166	MEN'S RR 6	1	Ceiling/Wall, Centrif, Direct	80 cfm	0.57 in. H2O	75°F	1100 rpm	7.63"	57%		0.04 hp	0.024 hp	1100 rpm	120/1/60	15.5"	13.75"	9"	1-3

1. PROVIDE WITH BACKDRAFT DAMPER.
2. PROVIDE WITH EC MOTOR.
3. FAN TO BE CONTROLLED BY LIGHT SWITCH. COORDINATE WITH DIV. 26.

CEILING DIFFUSER SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	QTY	MATERIAL	SYSTEM	FRAME MODULE SIZE	NECK			AIR DISTRIBUTION			BORDER TYPE	DESIGN NC	SPECIFICATION	IMAGE	NOTES
							SIZE	WIDTH	HEIGHT	PATTERN	SIDE A	SIDE B					
D-1	TITUS	TDC	1	STEEL	SA	6x6	6"			A B	50%	50%	TYPE 6 (SURFACE)	25	LOUVERED FACE DIFFUSER. FINISH SHALL BE OFF-WHITE BAKED ENAMEL.		
D-2	TITUS	TDC	1	STEEL	SA	6x6	6"			A B	25%	25%	TYPE 6 (SURFACE)	25	LOUVERED FACE DIFFUSER. FINISH SHALL BE OFF-WHITE BAKED ENAMEL.		
D-3	TITUS	TDC	1	STEEL	SA	6x6	6"			A B	38%	31%	TYPE 6 (SURFACE)	25	LOUVERED FACE DIFFUSER. FINISH SHALL BE OFF-WHITE BAKED ENAMEL.		
D-4	TITUS	TDC	3	STEEL	SA	9x9	8"			A B	25%	25%	TYPE 6 (SURFACE)	25	LOUVERED FACE DIFFUSER. FINISH SHALL BE OFF-WHITE BAKED ENAMEL.		
D-5	TITUS	TDC	3	STEEL	SA	12x12	12"			A B	25%	25%	TYPE 6 (SURFACE)	25	LOUVERED FACE DIFFUSER. FINISH SHALL BE OFF-WHITE BAKED ENAMEL.		

1.
2.
3. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
4.
5. FINISH COLOR AS DIRECTED BY ARCHITECT, TO MARCH SURROUNDING SURFACE FINISH.
6. RETURN AIR GRILLE TO BE MOUNTED 8" FROM FLOOR TO BOTTOM OF EDGE OF GRILLES.
7. BAKED ENAMEL FINISH TO MATCH ROOF COLOR OR COLOR AS DIRECTED BY THE ARCHITECT.
8. PROVIDE ALUMINUM BIRD OR INSECT SCREENS. SEE SPECIFICATIONS.
9. SET REGISTER BLADES FOR 15°F UPWARED DEFLECTION.
10. REFER TO DETAIL G/M501 FOR GRILLE INSTALLATION.
11. BLADE ORIENTATION SHALL BE HORIZONTAL.
12. MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 400 FT/MIN.
13. LOUVER TO BE MOUNTED 3'-9.5" FROM FINISHED FLOOR TO BOTTOM EDGE OF EXTERIOR LOUVER FRAME.

REGISTER & GRILLE SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	QTY	MATERIAL	SYSTEM	NECK		BLADE DESIGN					BORDER TYPE	DESIGN NC	SPECIFICATION	IMAGE	NOTES
						WIDTH	HEIGHT	THICKNESS	SPACING	DEFLECTION ANGLE SINGLE	DEFLECTION ANGLE DOUBLE	ORIENTATION					
(E)SG	TITUS	25RL	2	STEEL	EA	42"	30"	1/8"	1/2"	30.0°		LONG	TYPE 1 (SURFACE)	25	FINISH COLOR AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH.		
R-1	TITUS	25RL	7	STEEL	RA	12"	8"	20 GAUGE	1/2"	30.0°	0.0°	LONG	TYPE 1 (SURFACE)	25	FINISH COLOR AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH.		<varies>
R-2	TITUS	25RL	1	STEEL	RA	8"	8"	1/8"	1/2"	30.0°		LONG	TYPE 1 (SURFACE)	25	FINISH COLOR AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH.		
R-2	TITUS	25RL	1	STEEL	RA	12"	12"	1/8"	1/2"	30.0°		LONG	TYPE 1 (SURFACE)	25	FINISH COLOR AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH.		
R-2	TITUS	25RL	4	STEEL	TA	26"	20"	1/8"	1/2"	30.0°		LONG	TYPE 1 (SURFACE)	25	FINISH COLOR AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH.		
R-3	TITUS	25RL	6	STEEL	TA	8"	8"	1/8"	1/2"	30.0°		LONG	TYPE 1 (SURFACE)	25	FINISH COLOR AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH.		
S-1	TITUS	1700	1	STEEL	SA	16"	6"	1/8"	0"	15.0°	0.0°	LONG	TYPE 1 (SURFACE)	25	FINISH COLOR AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH.		1,3,5,9,10

1.
2.
3. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
4.
5. FINISH COLOR AS DIRECTED BY ARCHITECT, TO MARCH SURROUNDING SURFACE FINISH.
6. RETURN AIR GRILLE TO BE MOUNTED 8" FROM FLOOR TO BOTTOM OF EDGE OF GRILLES.
7. BAKED ENAMEL FINISH TO MATCH ROOF COLOR OR COLOR AS DIRECTED BY THE ARCHITECT.
8. PROVIDE ALUMINUM BIRD OR INSECT SCREENS. SEE SPECIFICATIONS.
9. SET REGISTER BLADES FOR 15°F UPWARED DEFLECTION.
10. REFER TO DETAIL G/M501 FOR GRILLE INSTALLATION.
11. BLADE ORIENTATION SHALL BE HORIZONTAL.
12. MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 400 FT/MIN.
13. LOUVER TO BE MOUNTED 3'-9.5" FROM FINISHED FLOOR TO BOTTOM EDGE OF EXTERIOR LOUVER FRAME.

INTAKE AIR LOUVER SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	LOCATION	TYPE	AIR		PHYSICAL			NOTES
					MAXIMUM AIRFLOW	STATIC PRESSURE	WIDTH	HEIGHT	THICKNESS	
IL-1	Ruskin	ELF6375DX	STORAGE 3	Stationary	380 cfm	0.1 in. H2O	48"	12"	6"	1-5
IL-2	Ruskin	ELF6375DX	STORAGE 15	Stationary	430 cfm	0.1 in. H2O	48"	12"	6"	1-5

1. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
2. BAKED ENAMEL FINISH TO MATCH ROOF COLOR OR COLOR AS DIRECTED BY THE ARCHITECT.
3. PROVIDE ALUMINUM BIRD OR INSECT SCREENS. SEE SPECIFICATIONS.
4. MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 400 FT/MIN.
5. LOUVER TO BE MOUNTED 3'-9.5" FROM FINISHED FLOOR TO BOTTOM EDGE OF EXTERIOR LOUVER FRAME.

EXHAUST AIR HOOD SCHEDULE

ID	MANUFACTURER	MODEL NUMBER	LOCATION	TYPE	AIR		PHYSICAL					NOTES
					AIRFLOW RATE	STATIC PRESSURE	INLET HEIGHT ABOVE ROOF	TOTAL HEIGHT	THROAT LENGTH	THROAT WIDTH		
PH-1	Cook	TRE 12x12x2	ROOF	Louvered	360 cfm	0.1 in. H2O	14"	9"	12"	12"		1-5

1. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
2. BAKED ENAMEL FINISH TO MATCH ROOF COLOR OR COLOR AS DIRECTED BY THE ARCHITECT.
3. PROVIDE ALUMINUM BIRD OR INSECT SCREENS. SEE SPECIFICATIONS.
4. MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 400 FT/MIN.
5. LOUVER TO BE MOUNTED 3'-9.5" FROM FINISHED FLOOR TO BOTTOM EDGE OF EXTERIOR LOUVER FRAME.

PROJECT SCHEDULE

NAME	LOCATION	HEATING SEASON DB/WB/RH	COOLING SEASON DB/WB/RH	ALTITUDE
THE NORTH POINT LDS CHURCH	TWIN FALLS, ID	0.0°F / -0.8°F / 76.2%	95.0°F / 62.6°F / 16.2%	3652 FT

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.

VBFA
181 East 5600 South
Murray, Utah 84107
O: (801)530-3148
www.vbfa.com
VBFA Project #: 240550

PROFESSIONAL ENGINEER REGISTERED 16104 STATE OF IDAHO BENJAMIN L. DAVIS
08/29/2024

DATE

Project Status
THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301
MECHANICAL SCHEDULES

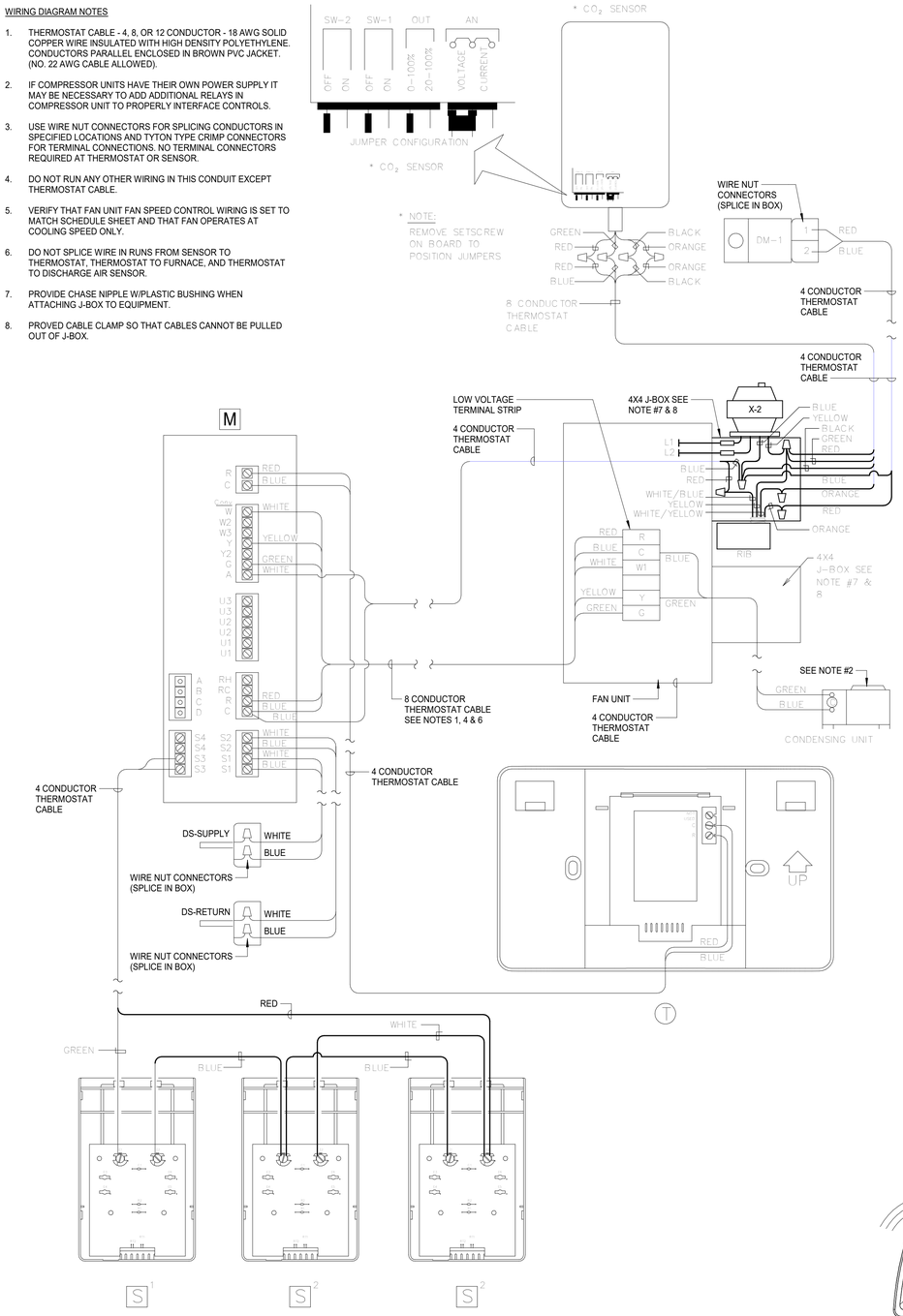
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

DATE: 08/29/2024
BDO Drawn | BLD Checked
24001 PROJECT #

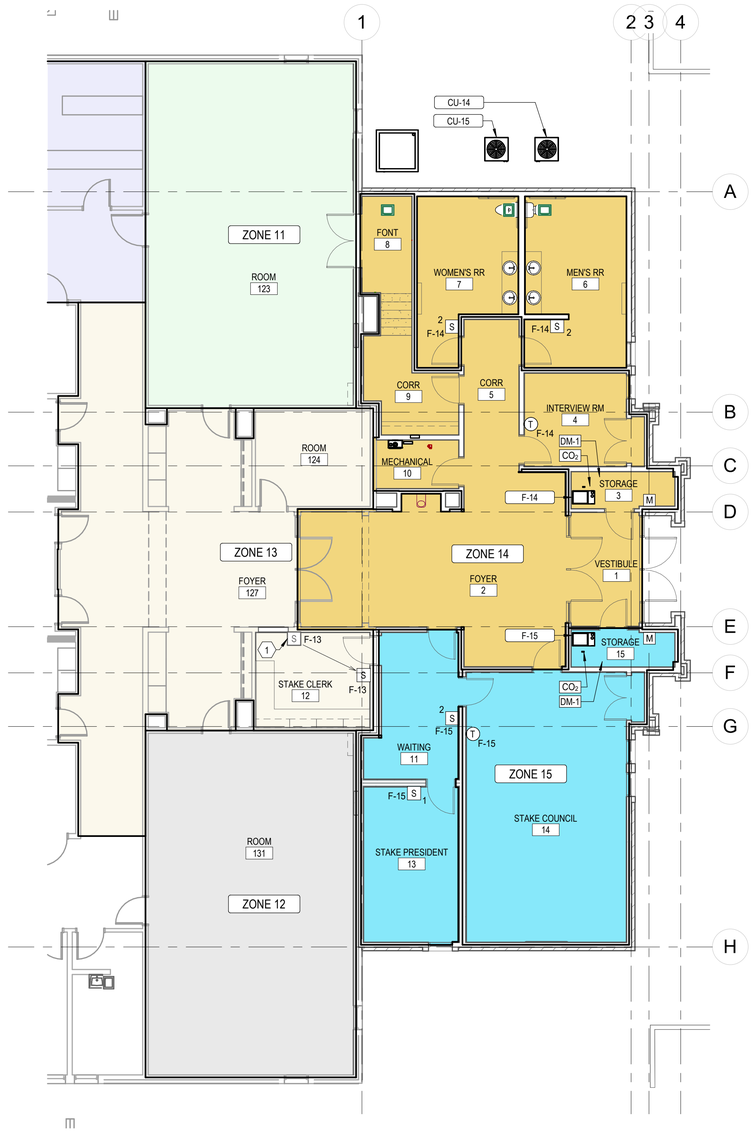
M601

WIRING DIAGRAM NOTES

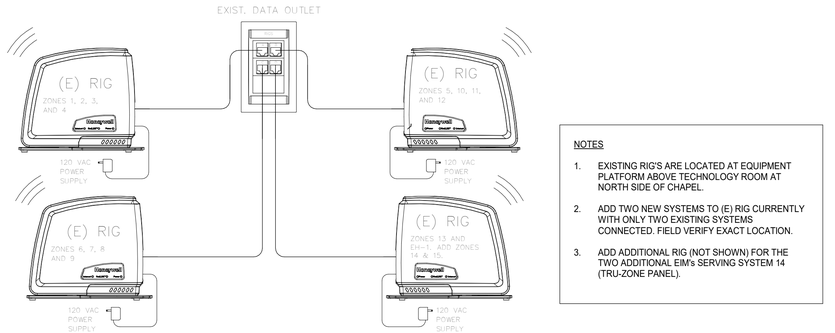
1. THERMOSTAT CABLE - 4, 8, OR 12 CONDUCTOR - 18 AWG SOLID COPPER WIRE INSULATED WITH HIGH DENSITY POLYETHYLENE. CONDUCTORS PARALLEL ENCLOSED IN BROWN PVC JACKET. (NO. 22 AWG CABLE ALLOWED).
2. IF COMPRESSOR UNITS HAVE THEIR OWN POWER SUPPLY IT MAY BE NECESSARY TO ADD ADDITIONAL RELAYS IN COMPRESSOR 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 W/PLASTIC BUSHING WHEN ATTACHING J-BOX TO EQUIPMENT.
8. PROVED CABLE CLAMP SO THAT CABLES CANNOT BE PULLED OUT OF J-BOX.



2 M801 WIRING DIAGRAM FOR SYSTEMS F-14 AND F-15
NOT TO SCALE



1 M801 AUTOMATIC TEMPERATURE CONTROL PLAN
1/8" = 1'-0"



5 M801 EXISTING RIG WIRING DIAGRAM
1/8" = 1'-0"

NOTES

1. EXISTING RIG'S ARE LOCATED AT EQUIPMENT PLATFORM ABOVE TECHNOLOGY ROOM AT NORTH SIDE OF CHAPEL.
2. ADD TWO NEW SYSTEMS TO (E) RIG CURRENTLY WITH ONLY TWO EXISTING SYSTEMS CONNECTED. FIELD VERIFY EXACT LOCATION.
3. ADD ADDITIONAL RIG (NOT SHOWN) FOR THE TWO ADDITIONAL EIM's SERVING SYSTEM 14 (TRU-ZONE PANEL).

CONTROL PLAN NOTES

1 BOXES FOR REMOTE SENSOR OUTLETS SHALL BE 2"X4" WITH LONG DIMENSION VERTICAL.

2 BOXES WITH THERMOSTAT OUTLETS SHALL BE 2"X4" WITH LONG DIMENSION VERTICAL. USE METAL BRACKET OF COVER PLATE ASSEMBLY TO MOUNT THERMOSTAT HORIZONTAL.

3 CONDUIT TO BE 1/2" UNLESS NOTED OTHERWISE.

4 FOR AVERAGING SENSORS USE 3/4" CONDUIT.

5 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.

6 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.

7 SEAL OPEN END OF CONDUIT AIR-TIGHT AROUND THERMOSTAT WIRE WITH SEALANT COMPOUND. SEE SPECS FOR APPROVED PRODUCT.

8 SEAL ANNULAR SPACE BETWEEN CONDUIT AND OPENING IN FLOOR OR WALL WITH SEALANT COMPOUND. SEE SPECS FOR APPROVED PRODUCT.

9 SEAL OPEN END OF CONDUIT AT J-BOX AIR TIGHT AROUND THERMOSTAT 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 BATT INSULATION. USE SEALING COMPOUND SPECIFICALLY MADE FOR REFRIGERATION AND AIR CONDITIONING APPLICATIONS. SEE SPECIFICATIONS FOR APPROVED PRODUCTS.

KEYNOTES

1 RELOCATE EXISTING REMOTE TOUCH SCREEN SENSOR SERVING SYSTEM F-13 TO NEW LOCATION. PROVIDE NEW EXTENDED WIRING TO NEW SENSOR LOCATION.

CONTROLS SYMBOL LEGEND

M	EQUIPMENT INTERFACE MODULE (DIV 23). MOUNT MODULE IN ACCESSIBLE LOCATION ON WALL NEAR ASSOCIATED FURNACE.
T	THERMOSTAT (LCBS) OUTLET (DIV 26)
S	INDOOR AIR SENSOR OUTLET (DIV 26)
CO_2	CO_2 SENSOR (DIV 23) INSTALL UPSTREAM OF OUTSIDE AIR CONNECTON.
DM-1	2-POSITIOIN DAMPER MOTOR (DIV 23) MOUNTED ON MINIMUM OA DAMPER

CONTROL EQUIPMENT

MARK	DESCRIPTION	CAT. NO. (1)
RIG	REDLINK INTERNET GATEWAY	EXISTING
T	THERMOSTAT	THX9421R5021WW
	THERMOSTAT COVER PLATE ASSEMBLY	THP2400A1027W
M	EQUIPMENT INTERFACE MODULE	THM5421R1021
S^1	REMOTE TEMP SENSOR BLANK FACE. 10k OHM	TR21-A
S^2	REMOTE TEMP SENSOR BLANK FACE. 20k OHM	TR21
DM-1	DAMPER MOTOR TWO-POSITION	MS8105A1030
X-2	TRANSFORMER 120V / 24V / 50 VA	AT150F1022
RIB	TWO POLE RELAY	RIBU1C (2)
CO_2	CO_2 SENSOR	C7232B1006
DS	DUCT AIR SENSOR	C7735A1000
	DUCT AIR SENSOR MOUNTING BRACKET	50053060-001

(1) ALL CATALOG NUMBERS SHOWN ARE HONEYWELL UNLESS NOTED OTHERWISE.

(2) SEE SPECIFICATIONS.

181 East 5600 South
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DATE

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THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301
AUTOMATIC TEMPERATURE CONTROLS

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M801

LIGHTING SYMBOL SCHEDULE

NOTE: ALL SYMBOLS MAY NOT BE USED

SYMBOL	DESCRIPTION
F1	LIGHT FIXTURE TYPE DESIGNATION
	PARKING AREA POLE LIGHT, SINGLE OR DOUBLE HEAD AS INDICATED ON DRAWINGS. REFER TO LIGHT POLE DETAIL FOR POLE INFORMATION.
	EXTERIOR WALL MOUNTED FIXTURE
	2X4 FLUORESCENT OR LED FIXTURE
	2X2 FLUORESCENT OR LED FIXTURE
	SURFACE MOUNTED FLUORESCENT OR LED FIXTURE
	STRIP FLUORESCENT OR LED FIXTURE
	WALL MOUNTED FLUORESCENT OR LED FIXTURE
	ROUND RECESSED FIXTURE
	SURFACE OR PENDANT FIXTURE
	EXIT SIGN, WALL OR CEILING MOUNTING AS REQUIRED (SINGLE OR DOUBLE FACE) DIRECTIONAL CHEVRONS AS INDICATED; CONNECT TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT IS IN THE SAME AREA AS THE EXIT SIGNS.
	WALL OR CEILING MOUNTED EMERGENCY LIGHTING UNIT W/BATTERY PACK CONNECT TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT IS IN THE SAME AREA AS THE EMERGENCY LIGHT.
	SHADED FIXTURE INDICATES AN EMERGENCY FIXTURE. PROVIDE WITH EMERG. BATTERY PACK OR CONNECT TO EMERGENCY POWER SYSTEM (WHERE APPLICABLE). CONNECT BATTERY PACK TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT SERVES THE SAME AREA AS THE EMERGENCY FIXTURE. PROVIDE WITH TEST LIGHT AND SWITCH.
S ###	CEILING MOUNTED OCCUPANCY SENSOR, REFER TO OCCUPANCY SENSOR/SWITCH SCHEDULE FOR SENSOR TYPE AND ADDITIONAL INFORMATION.
###	SWITCH MOUNTED OCCUPANCY SENSOR, LOW VOLTAGE SWITCHPOD OR DIMMER SWITCH, REFER TO OCCUPANCY SENSOR/SWITCH SCHEDULE FOR TYPE AND ADDITIONAL INFORMATION.
$	SINGLE-POLE SWITCH (SEE SUB-SCRIPTS BELOW FOR ADDITIONAL INFORMATION)

LIGHT FIXTURE SUBSCRIPTS

NL NIGHT-LIGHT(CONNECT TO UNSWITCHED LEG OF CIRCUIT)

SWITCH SUBSCRIPTS

3 3-WAY SWITCH
4 4-WAY SWITCH
D DIMMER SWITCH (COMPATIBLE W/ LOAD & LTG TYPES)
F 7-DAY PROGRAMMABLE TIMER SWITCH (INTERMATIC MODEL EI500WC SERIES)
P PILOT LIGHTED SWITCH
LV LOW-VOLTAGE SWITCH (PER DWG'S)
T THERMAL-OVERLOAD SWITCH
M SWITCH SUPPLIED WITH EQUIPMENT, INSTALLED BY E.C.
WP WEATHERPROOF
2P DOUBLE POLE, SINGLE THROW SWITCH

GENERAL LIGHTING NOTES:

A. SYMBOLS SHOWN ABOVE MAY NOT REPRESENT ALL LIGHT FIXTURES USED ON PROJECT, REFER TO LIGHT FIXTURE SCHEDULE FOR ACTUAL FIXTURE INFORMATION INCLUDING FIXTURE TYPE, LAMPING, MOUNTING AND ETC.
B. JUNCTION BOXES FOR LIGHTING CIRCUITING ARE NOT SHOWN FOR CLARITY. THE E.C. IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL JUNCTION BOXES REQUIRED FOR CIRCUITING OF ALL LIGHT FIXTURES THAT ARE NOT LISTED FOR "THROUGH-BRANCH CIRCUIT WIRING".
C. IN GENERAL ALL SWITCH-LEG CONDUCTORS MAY NOT BE SHOWN ON DRAWINGS; E.C. SHALL PROVIDE AND INSTALL CONDUCTORS AS REQUIRED TO ACHIEVE CONTROL SCHEMES INDICATED AND DESCRIBED ON DRAWINGS. INCLUDING ALL 0 - 10V DIMMING CONTROLS BETWEEN SWITCH AND FIXTURES.
D. ALL BATTERY EXIT SIGNS AND EMERGENCY LIGHTING TO BE CONNECTED TO THE UNSWITCHED LEG OF THE LIGHTING CIRCUIT IN THE AREA.

POWER SYMBOL SCHEDULE

NOTE: ALL SYMBOLS MAY NOT BE USED

SYMBOL	DESCRIPTION
'MSB'	ELECTRICAL SWITCHBOARD EQUIPMENT, (SEE POWER RISER AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION)
'T##'	DRY-TYPE TRANSFORMER, (SEE POWER RISER FOR ADDITIONAL INFORMATION)
'LA'	ELECTRICAL PANELBOARD, (SEE POWER RISER AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION)
	DISCONNECT SWITCH, SIZE/POLES/TYPE AS INDICATED TYPES: 1=NEMA 1, 3R=NEMA 3R, 4X=NEMA 4X
	FUSED DISCONNECT SWITCH, SIZE/POLES/TYPE AS INDICATED TYPES: 1=NEMA 1, 3R=NEMA 3R, 4X=NEMA 4X
	COMBINATION STARTER & FUSED DISCONNECT SWITCH, SIZE/POLES/TYPE AS INDICATED. TYPES: 1=NEMA 1, 3R=NEMA 3R, 4X=NEMA 4X
J	JUNCTION BOX CR = CORD REEL; SEE DRAWINGS FOR INFORMATION CD = CORD DROP; SEE DRAWINGS FOR INFORMATION
	EQUIPMENT CONNECTION; COORDINATE CONNECTION WITH EQUIPMENT PRIOR TO ROUGH-IN
M	MOTOR CONNECTION
F	EXHAUST FAN CONNECTION
	POWER AND/OR DATA SERVICE POLE
FB#	FLOORBOX (SEE FLOORBOX SCHEDULE FOR ADDITIONAL INFORMATION)
	PUSHBUTTON STATION
	SPECIAL RECEPTACLE (COORDINATE NEMA TYPE WITH EQUIP.) (REFER TO PANEL SCHEDULES FOR AMPS)
	CEILING MOUNTED DUPLEX RECEPTACLE (COORDINATE PLACEMENT WITH CEILING EQUIPMENT PRIOR TO ROUGH-IN)
	DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT
	GFCI-TYPE DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT
	SPLIT-WIRED RECEPTACLE, HALF OF RECEPT. SHALL BE SWITCHED OTHER HALF SHALL HAVE CONSTANT POWER.
	DOUBLE-DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT
	GFCI-TYPE DOUBLE-DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT.

RECEPTACLE AND EQUIPMENT SUBSCRIPTS

AC ABOVE COUNTER
WP WEATHERPROOF (UL LISTED WEATHER-RESISTANT)
42" MOUNTING HEIGHT AFF OR AFG
REF REFRIGERATOR
M MICROWAVE
M/R MICROWAVE/RANGE HOOD (LOCATE ABOVE RANGE)
USB DUPLEX RECPT. WITH (2) USB CHARGING PORTS
DW DISHWASHER, INSTALL PER NEC 422.16(B)(2)
D/DW DISPOSAL/DISHWASHER, INSTALL PER NEC 422.16(B)(2)
TV RECEPT. DEDICATED TO TV; FIELD VERIFY HEIGHT W/ TV PRIOR TO ROUGH-IN.
EWC ELECTRIC WATER COOLER; PROVIDE GFCI PROTECTION PER NEC 422.5(A)
D CLOTHES DRYER (NEMA 14-30R)
R ELECTRIC RANGE (NEMA 14-50R)
W WELDER RECEPTACLE 208/240V - NEMA 6-50R

T OR S	HVAC THERMOSTAT OR SENSOR; PROVIDE & INSTALL BACKBOX,3/4" CONDUIT AND CONDUCTORS TO ASSOCIATED HVAC UNIT. COORDINATE EXACT LOCATION & SIZE AND NUMBER OF CONDUCTORS WITH M.C.

GENERAL SPECIAL SYSTEM NOTES:

A. ALL DEVICES SHOWN AT OR NEAR MILLWORK/CASEWORK SHALL BE COORDINATED WITH THE ARCHITECTURAL ELEVATION DRAWINGS AND MILLWORK INSTALLER TO INSURE PROPER MOUNTING HEIGHTS. CONTRACTOR SHALL ADJUST DEVICES AS NECESSARY IN ORDER TO POSITION DEVICES SUCH THAT THEY WILL NOT FALL BEHIND MILLWORK, CABINETS OR BE DIRECTLY ABOVE SINKS OR MIDWAY BETWEEN TILEWORK/WALL OR WAINSCOATING, ETC.
B. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL A GFCI TYPE RECEPTACLE FOR ALL RECPTACLES SHOWN IN TOILET RMS, BATHROOMS, KITCHENS/SERVING AREAS, ROOFTOP, OUTDOORS OR WITHIN 6FT OF ANY SINK, BASIN, TUB OR FLOOR SINK AND ALL OTHER AREAS DEFINED BY THE NEC.

FIRE ALARM SYMBOL SCHEDULE

NOTE: ALL SYMBOLS MAY NOT BE USED

SYMBOL	DESCRIPTION
FA/VEP	FIRE ALARM CONTROL & VOICE EVAC. PANEL (WALL MOUNTED, TOP AT 6'-0" AFF)
NAC	NOTIFICATION DEVICE EXTENDER PANEL. PROVIDE QTY AS REQUIRED BASED ON DEVICE VOLTAGE DROP CALC'S PER NFPA 72 REQUIREMENTS. (WALL MOUNTED, TOP AT 5'-0" AFF)
RA	REMOTE ANNUCIATOR PANEL ONLY; (FLUSH MOUNTED IN WALL AT 5'-0" AFF)
RA/MIC	REMOTE ANNUCIATOR PANEL W/ SYSTEM MICROPHONE (FLUSH MOUNTED IN WALL AT 5'-0" AFF)
F	MANUAL PULL STATION (MOUNTING HEIGHT PER ADA & NFPA 72)
	MAGNETIC DOOR HOLD OPEN
CM	ADDRESSABLE CONTROL/RELAY MODULE
MM	ADDRESSABLE MONITORING MODULE
FS	FIRE ALARM FLOW SWITCH
TS	FIRE ALARM TAMPER SWITCH
#	ADDRESSABLE DETECTOR WITH BASE
	DETECTOR SUBSCRIPTS P PHOTOCELECTRIC SMOKE DETECTOR D DUCT SMOKE DETECTOR ID IN-DUCT SMOKE DETECTOR H HEAT DETECTOR M MULTI-STATION SMOKE DETECTOR (120V W/BATTERY BACKUP)
SD	FIRE/SMOKE DAMPER; COORDINATE LOCATIONS WITH MECH. DRAWINGS
	EXTERIOR 120V FIRE BELL, INSTALL NEXT TO FDC.
	WALL OR CEILING MOUNTED FIRE ALARM SPEAKER ONLY
	WALL MOUNTED FIRE ALARM STROBE OR SPEAKER/STROBE PROVIDE CANDELA RATING AS REQUIRED BY NFPA 72
	CEILING MOUNTED FIRE ALARM STROBE OR SPEAKER/STROBE PROVIDE CANDELA RATING AS REQUIRED BY NFPA 72

GENERAL FIRE ALARM SYSTEM NOTES

A. DO NOT INSTALL MORE THAN (10) NOTIFICATION APPLIANCES ON ANY SINGLE CLASS "A" SIGNAL CIRCUIT. DO NOT EXCEED 400 FT. OF NO. 14 WIRE IN THE TOTAL LOOP.
B. NFPA ALLOWS NOTIFICATION APPLIANCES TO BE MOUNTED AT A HEIGHT RANGE BETWEEN 80" TO 96" ABOVE FINISH FLOOR. THE PREFERRED HEIGHT IS 80". IF THIS CONFLICTS WITH OTHER TRADES OR ROOM FURNISHINGS, LOCATE AS CLOSE TO 80" AS POSSIBLE, NOT EXCEEDING 96". ALL NOTIFICATION APPLIANCES IN A COMMON ROOM OR LINE OF SIGHT SHALL BE LOCATED AT A COMMON HEIGHT.
C. MOUNT PULL STATIONS AT 46-48" A.F.F. TO THE OPERATING HANDLE TO MEET ADA REQUIREMENTS.
D. DO NOT CONNECT THE FIRE ALARM SYSTEM TO ANY DEVICE WHICH HAS A POWER HELD CONTACTS (FLOW, TAMPER, HOOD SYSTEM, DUCT DETECTOR, ETC. FALSE ALARM WILL OCCUR.
E. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL CONDUCTOR QUANTITIES PER FIRE ALARM SYSTEM SUPPLIER, AND AS PER NFPA AND NEC REQUIREMENTS.
F. DO NOT INSTALL ANY SMOKE OR HEAT DETECTORS WITHIN 3 FEET OF ANY AIR DIFFUSER.
G. DO NOT EXCEED 2500 FEET ON ANY ADDRESSABLE DEVICE RUN. DO NOT EXCEED 120 DEVICES ON ANY ONE ADDRESSABLE DEVICE RUN.
H. ALL AIR HANDLING EQUIPMENT 2000 CFM OR MORE MUST BE SHUT DOWN UPON FIRE ALARM AS PER LIFE SAFETY CODES.
I. ALL CLASS "B" INITIATING CIRCUITS WITH ADDRESSABLE DEVICES NEED EOLR. (END OF LINE RESISTORS).
J. IN CORRIDORS, NOTIFICATION APPLIANCES MUST BE LOCATED WITHIN 15' FROM ENDS OF CORRIDORS AND A MAXIMUM OF 100' SPACING.
K. NOTIFICATION APPLIANCES TO BE SYNCHRONIZED TO PROVIDE A 3-3-3 TEMPORAL PATTERN.
L. ALL WIRING AND CONDUIT ROUTING TO BE AS DESCRIBED ON SUPPLIED SHOP DRAWINGS. FIRE ALARM PLAN IS SHOWN FOR GENERAL LOCATION AND LAYOUT ONLY.
M. THE FIRE ALARM SYSTEM TO BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND ADA REQUIREMENTS.
N. ELECT. CONTR. TO CONNECT SPRINKLER SYSTEM TAMPER SWITCHES AND FLOW VALVES TO FIRE ALARM SYSTEM AS REQUIRED. SEE FIRE SPRINKLER SYSTEM DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES.

ABBREVIATIONS

P	SINGLE POLE
1PH	SINGLE-PHASE
2/C	TWO-CONDUCTOR
3/C	THREE-CONDUCTOR
3P	THREE POLE
3PH	THREE-PHASE
3W	THREE-WIRE
4W	FOUR-WIRE
AC	ABOVE COUNTER
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
A or	AMPERE
AMP	ANNUNCIATOR
ANN	ACCESS POINT
AP	(WIRELESS DATA)
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAGE
BFG	BELOW FINISHED GRADE
C	CEILING MOUNTED
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
C	CONDUIT
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
CU	COPPER
DS	DISCONNECT SWITCH
EA	EACH
E.C.	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRICAL NONMETALLIC TUBING
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
EX	EXISTING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FMC	FLEXIBLE METAL CONDUIT
GND	GROUND
G.C.	GENERAL CONTRACTOR
GEN	GENERATOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HD	HEAVY DUTY
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSE POWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
J-BOX	JUNCTION BOX
V	KILOVOLT
KVA	KILOVOLT AMPERE
kW	KILOWATT
kWh	KILOWATT HOUR
LED	LIGHT EMITTING DIODE
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
LTG	LIGHTING
LV	LOW VOLTAGE
MAX	MAXIMUM
M.C.	MECH. CONTRACTOR
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MH	MANHOLE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OH DR	OVERHEAD DOOR
OL	OVERLOAD
PB	PUSHBUTTON
P.C.	PLUMBING CONTRACTOR
P	PHASE
PNL	PANEL
PT	POTENTIAL TRANSFORMER
PTZ	PAN/TILT/ZOOM
QTY	QUANTITY
RCP	REFLECTED CEILING PLAN
RMC	RIGID METAL CONDUIT
RNC	RIGID NONMETALLIC CONDUIT
SCA	SHORT CIRCUIT AMPS
SCBA	STANDARD COLOR BY ARCHITECT
SF	SQUARE FOOT (FEET)
SPD	SURGE PROTECTION DEVICE
SPEC	SPECIFICATION
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TL	TWIST LOCK
TP	TWISTED PAIR
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VA	VOLT AMPERE
V.I.F.	VERIFY IN FIELD
VFD	VARIABLE FREQUENCY DRIVE
WAP	WIRELESS ACCESS POINT
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
XFMR	TRANSFORMER

CIRCUITING & GENERAL SYMBOL SCHEDULE

NOTE: ALL SYMBOLS MAY NOT BE USED

SYMBOL	DESCRIPTION
1	KEYED NOTE REFERENCE
1 / ES101	DETAIL # / SHEET REFERENCE
A-1,3,5 3/4"C..-6#12,1#12G	BRANCH CIRCUIT HOME-RUN TO PANEL INDICATED A-1,3,5 — PANEL AND CIRCUIT DESIGNATIONS 3/4"C..-6#12,1#12G QTY & SIZE OF EQUIPMENT GROUND CONDUCTOR QTY & SIZE OF NEUTRAL AND PHASE CONDUCTOR(S) SIZE OF CONDUIT
	TICK MARKS EQUIPMENT GROUNDING CONDUCTOR NEUTRAL CONDUCTOR(S) PHASE AND/OR SWITCH-LEG CONDUCTOR(S)
25,000A	CALCULATED AVAILABLE FAULT CURRENT AT EQUIPMENT(SEE POWER RISER)
	BRANCH CIRCUIT/FEEDER CONCEALED IN CEILING OR WALL
	BRANCH CIRCUIT/FEEDER CONCEALED UNDERGROUND OR FLOOR
	NEW EQUIPMENT, DEVICES, ETC.
	EXISTING EQUIPMENT, DEVICES, ETC.
	DEMOLITION EQUIPMENT, DEVICES, ETC.

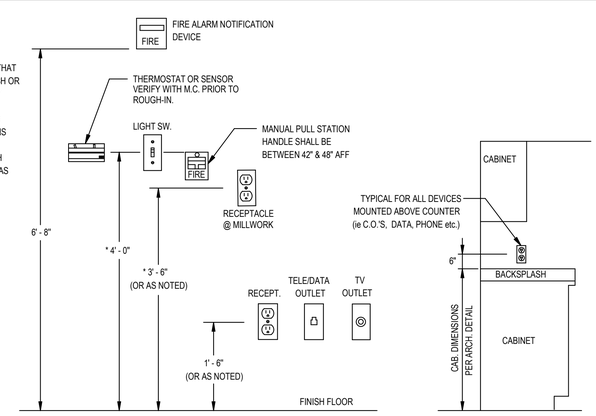
PROJECT GENERAL NOTES:

A. E.C. SHALL REFER TO THE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND ELECTRICAL CONNECTIONS.
B. E.C. SHALL PROVIDE MINIMUM WORKING CLEARANCE AS PER NEC BEFORE INSTALLING ANY ELECTRICAL PANELS OR CABINETS. SEE ELECTRICAL EQUIPMENT CLEARANCE DETAIL.
C. INSTALL ALL LIGHT FIXTURES IN MECHANICAL ROOM AFTER THE MECHANICAL EQUIPMENT IS IN PLACE. ADJUST AS NECESSARY. PROVIDE CHAIN SUSPENSION KITS AS REQUIRED.
D. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN(S) FOR EXACT FIXTURE LOCATIONS, CEILING TYPES, ETC.
E. E.C. SHALL PROVIDE ALL CONCRETE PADS AS REQUIRED FOR ALL ELECTRICAL EQUIPMENT.
F. CONFIRM EXACT LOCATIONS OF ALL TELEPHONE/DATA OUTLETS WITH OWNER PRIOR TO ROUGH-IN.
G. LOCATE SWITCHES, OUTLETS, ETC., SHOWN AT ROOM ENTRY DOORWAYS, AS CLOSE TO DOOR FRAME AS POSSIBLE, SO AS NOT RO INTERFERE WITH ROOM CABINETS, ETC.
H. SUPPORT ALL LIGHT FIXTURES INDEPENDENT OF CEILING.
I. ELECTRICAL CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS FOR WORK AND PAY ASSOCIATED FEES.
J. MAINTAIN 24" MIN. CLEARANCE FROM ALL COMMUNICATIONS CABLING AND ELECTRONIC BALLASTS.
K. UNLESS SPECIFICALLY INDICATED OTHERWISE, E.C. SHALL COORDINATE WITH ANY SPECIAL SYSTEMS SUPPLIER/SHOP DRAWINGS; DENTAL, MEDICAL, KITCHEN, SPECIALIZED EQUIPMENT, ETC. FOR THE EXACT ROUGH-IN REQUIREMENTS FOR THEIR EQUIPMENT. ALSO UNLESS INDICATED OTHERWISE, THE E.C. TO BE RESPONSIBLE FOR FINAL ELECTRICAL CONNECTIONS TO ALL SPECIAL EQUIPMENT.
L. ALL CONDUIT/RACEWAY/CABLES TO BE CONCEALED IN WALLS OR ABOVE CEILINGS. IF ANY SURFACE WORK IS NECESSARY, IT SHALL BE APPROVED BY THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
M. ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND THOROUGHLY INVESTIGATE THE EXISTING CONDITIONS, AS THEY RELATE TO THE SCOPE OF WORK DESCRIBED. MAKE NECESSARY PROVISIONS IN THE BASE BID TO ADEQUATELY ACCOMMODATE THESE CONDITIONS.
N. DATA CABLING SYSTEM PRE-INSTALLATION CONFERENCE:
   1. E.C. SHALL SCHEDULE A MEETING A MINIMUM OF FIVE CALENDAR DAYS PRIOR TO BEGINNING DATA CABLING INSTALLATION . ATTENDEES SHOULD INCLUDE OWNER'S REP., ENGINEER, GC, EC AND CABLING SUB. REFER TO SECTION 26 6210(1.4)(E) FOR ADDITIONAL INFORMATION.

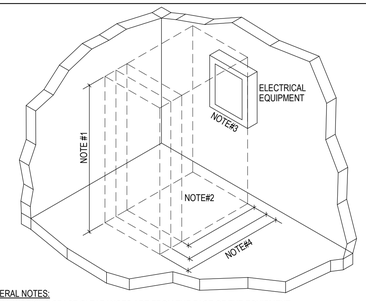
TYPICAL DEVICE MOUNTING HEIGHTS:

GENERAL DETAIL NOTES:

A. ALL MOUNTING HEIGHTS ARE TYPICAL UNLESS NOTED OTHERWISE
B. E.C. SHALL COORDINATE ALL DEVICES HEIGHTS WITH ARCHITECTS ELEVATION/MILLWORK DWGS. TO INSURE THAT OUTLETS WILL NOT FALL BEHIND CABINETS, BACKSPLASH OR INTERFERE WITH WAINSCOTING, ETC. AND REPORT ANY CONFLICTS TO ARCHITECT "PRIOR TO ROUGH-IN"
C. ALL SWITCHES SHALL BE MOUNTED AS CLOSE TO DOOR JAMS AS POSSIBLE, COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECTURAL PLANS AND DETAILS
D. COORDINATE LIGHT SWITCH AND OUTLET HEIGHTS WITH ARCHITECTURAL WAINSCOTING AND/OR TILE WORK SO AS NOT TO FALL MIDWAY IN THESE FINISHES.



ELECTRICAL EQUIP. CLEARANCE



GENERAL NOTES:

A. ALL WORKING SPACE CLEARANCES ARE FROM THE FACE OF THE EQUIPMENT.

NOTES:

1. THE MINIMUM HEADROOM OF WORKING SPACE SHALL BE 6 1/2FT.
2. THE WIDTH OF THE WORKING SPACE SHALL BE THE WIDTH OF THE EQUIPMENT OR 30", WHICHEVER IS GREATER. THE PANEL DOOR SHALL OPEN AT LEAST 90 DEGREES.
3. ALL CIRCUIT BREAKERS, WHEN IN THIER HIGHEST POSITION, SHALL NOT BE MORE THAN 6FT 7 IN. ABOVE THE FINISHED FLOOR.
4. 3FT CLEARANCE IF 0-150V TO GROUND, 3.5FT CLEARANCE IF 151-600V TO GROUND. 4FT IF EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORKING SPACE.

COMcheck Software Version 4.1.5.5

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: The North Point LDS Church Addition
Project Type: Addition

Construction Site:
1134 N. College Rd. W.
Twin Falls, ID 83301

Owner/Agent:

Designer/Contractor:
Payne Engineering
1823 E. Center St.
Pocatello, ID 83201
208-232-4439

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Religious Building	2700	0.94	2538
		Total Allowed Watts =	2538

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Religious Building				
LED 1: F1: 1X4 SURFACE LED: Other:	1	31	40	1240
LED 2: F3: 6" ROUND DOWNLIGHT: Other:	1	12	12	144
LED 3: F4: 30" DIA. PENDANT: Other:	1	1	100	100
LED 4: F5: 4FT LED STRIP: Other:	1	3	30	90
		Total Proposed Watts =		1574

Interior Lighting PASSES: Design 38% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Shawn Meador - Engineer — Name - Title
Signature
07/29/24 — Date

Project Title: The North Point LDS Church Addition — Report date: 07/29/24

Architect / Engineer:

Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series: ELECTRICAL
Property Number: 5978778

Sheet Title: ELECTRICAL SYMBOLS & DETAILS

Sheet: E000

PROFESSIONAL ENGINEER REGISTERED 13053 8/27/24 STATE OF IDAHO SHAWN A. MEADOR

PROJECT #: 24109

PAYNE Engineering Inc. Consulting Engineers
1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.payneengineeringinc.com

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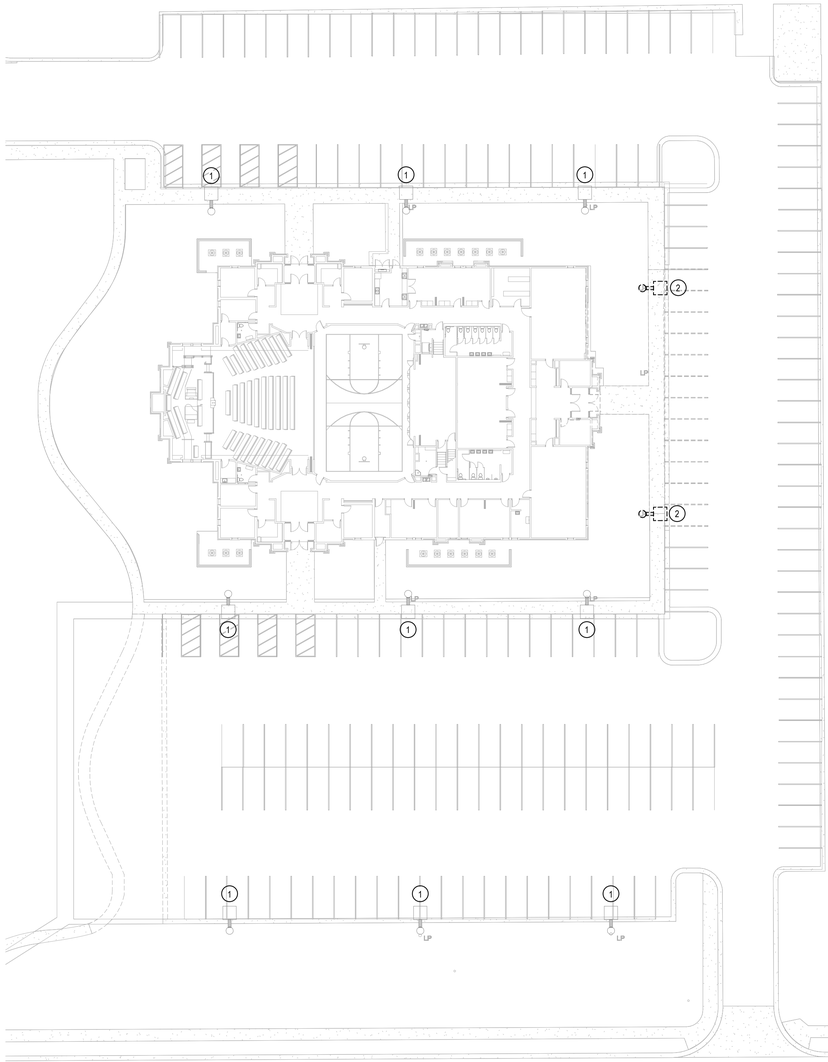
GENERAL NOTES:

A. REFER TO SYMBOL SCHEDULE SHEET FOR PROJECT GENERAL NOTES AND GENERAL NOTES ASSOCIATED WITH THE INSTALLATION OF EACH SYSTEM, INCLUDINB BUT NOT LIMITED TO; LIGHTING, POWER, FIRE ALARM, SPECIAL SYSTEMS, ETC.

(#) KEY NOTES:

1 EXISTING POLE LIGHT TO REMAIN ACTIVE, LOCATE AND PROTECT DURING CONSTRUCTION.

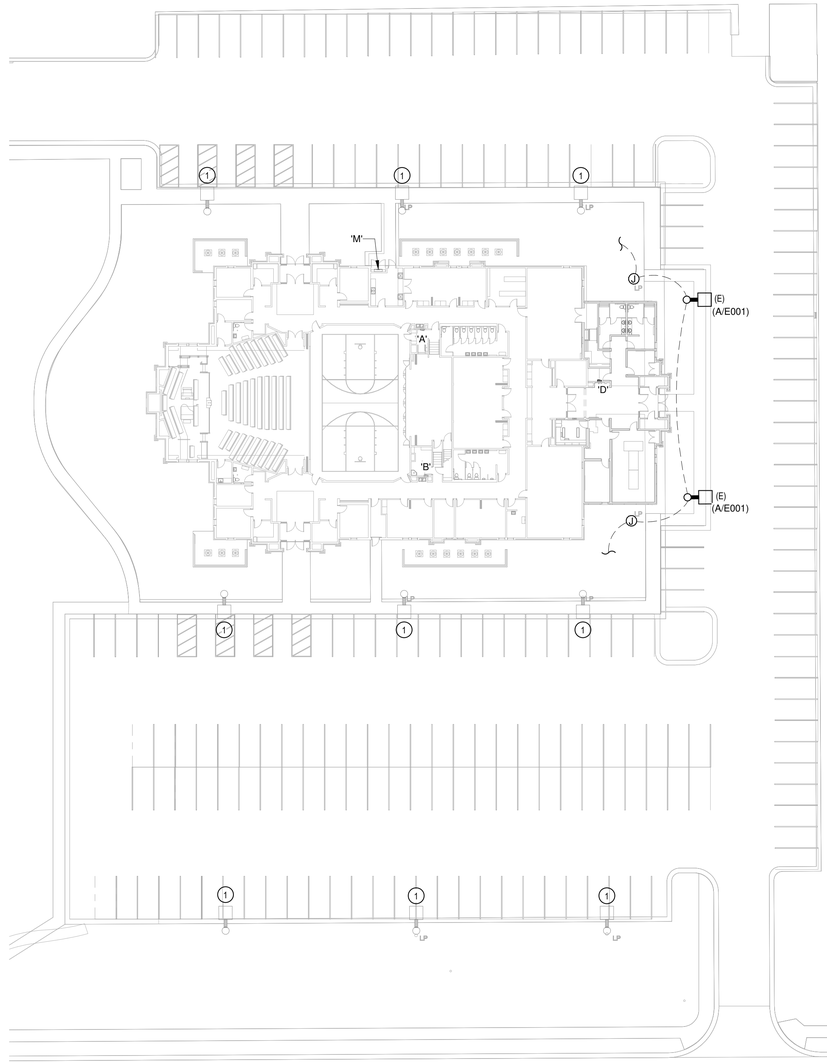
2 EXISTING POLE LIGHT TO BE DISCONNECTED AND RELOCATED TO ACCOMMODATE NEW CONSTRUCTION, SEE NEW PLAN FOR LOCATIONS. FIELD LOCATE EXISTING UNDERGROUND CIRCUITING AND EXTEND TO NEW POLE LOCATIONS AS REQUIRED. MAINTAIN/RE-ESTABLISH CONTINUITY TO ALL DOWNSTREAM LIGHTING THAT IS TO REMAIN.



1 EXISTING ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

0" 30' 60'

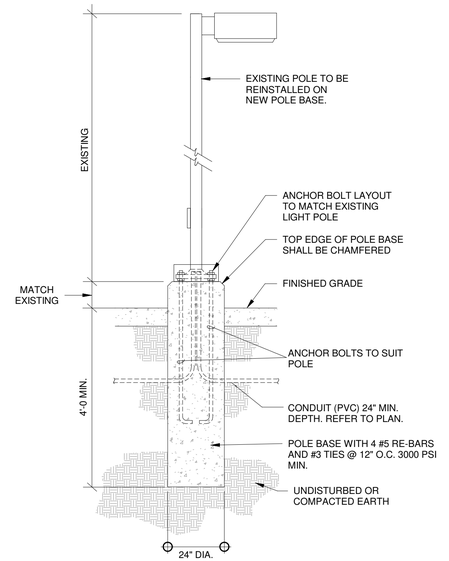
NORTH



2 NEW ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"

0" 30' 60'

NORTH



A RELOCATED POLE LIGHT BASE DETAIL
SCALE: NONE

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series: ELECTRICAL
Property Number: 5978778

Sheet Title:
ELECTRICAL SITE PLANS

Sheet:
E001

PROFESSIONAL ENGINEER REGISTERED 13053 8/27/24 STATE OF IDAHO SHAWN A. MEDDOR

PROJECT #: 24109

PAYNE Engineering Inc. Consulting Engineers
1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.payneengineeringinc.com

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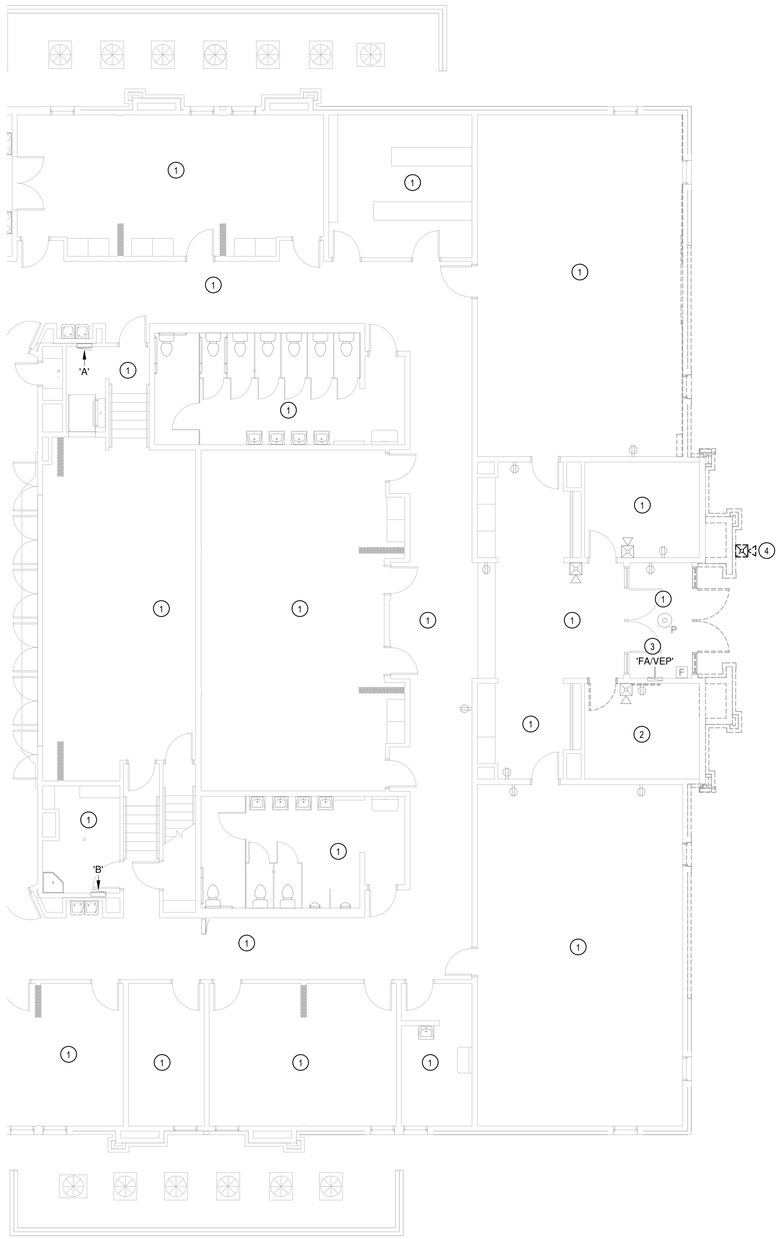
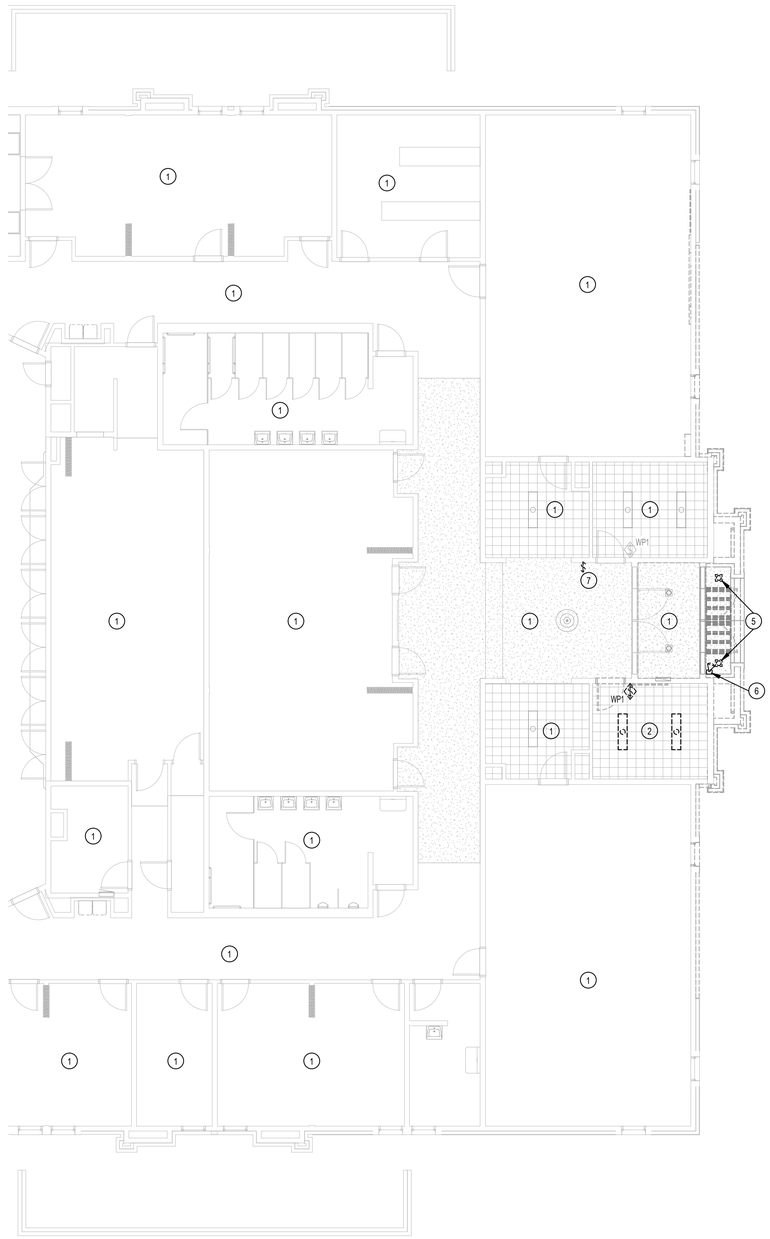


1 EXISTING ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

0" 8' 16'

NORTH



2 EXISTING LIGHTING PLAN
SCALE: 1/8" = 1'-0"

0" 8' 16'

NORTH

GENERAL NOTES:

A. ALL EXISTING ELECTRICAL MAY NOT APPEAR ON THESE PLANS, HOWEVER THE ABOVE INFORMATION APPLIES.
B. PROVIDE AND INSTALL BLANK COVERS ON ALL UNUSED SWITCH/OUTLET/J-BOXES WHERE REQUIRED.
C. ALL WALL DEVICES THAT ARE EXISTING TO REMAIN, SHALL BE ADAPTED TO NEW WALL COVERINGS, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT WALL LOCATIONS, THICKNESS, ETC.
D. PRIOR TO THE START OF ANY DEMOLITION WORK, DISCONNECTING ANY POWER AND OR TELE/DATA SYSTEMS, THE CONTRACTOR SHALL COORDINATE DOWN-TIME WITH THE OWNER.
E. REFER TO ARCHITECTURAL PLANS FOR EXTENT OF DEMOLITION, DETAILS, ETC.
F. REMOVE OR RELOCATE ELECTRICAL AS NECESSARY FOR NEW WORK.
G. WHERE EXISTING CIRCUITS ARE TO BE RE-USED, EXTEND AS NECESSARY. MAINTAIN ELECTRICAL CONTINUITY TO DOWNSTREAM EQUIPMENT TO REMAIN.
H. EXISTING SHOWN TO REMAIN, MAY NEED TO BE REMOVED AND RE-INSTALLED ONLY AS NECESSARY FOR EXTENDING OR MODIFICATION OF EXISTING CIRCUITS OR WIRING.
I. REFER TO MECHANICAL PLANS FOR EXTENT OF MECHANICAL EQUIPMENT TO BE REMOVED OR RELOCATED.
J. REMOVE ALL UNUSED EQUIPMENT WIRING, CONDUIT AND BOXES IN ALL AREAS. ABANDON ONLY IN CONCEALED AREAS.
K. CONTRACTOR MY UTILIZE ANY EXISTING CONDUIT WHERE COMPATIBLE WITH NEW DESIGN, AND IF IN GOOD CONDITION AND COMPLIES WITH SPECIFICATIONS.
L. WHEN ANY MODIFICATIONS ARE MADE TO ANY EXISTING ELECTRICAL PANEL TO REMAIN, CONTRACTOR TO PROVIDE NEW TYPE WRITTEN INDEX TO REFLECT ALL NEW AND EXISTING LOADS.
M. REMOVE ALL EQUIPMENT, RACEWAYS, CABLES,ETC. NOT USED IN FINISHED AREAS.

(#) KEY NOTES:

1 ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, LIGHTING, ETC. IN THIS AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, LOCATE AND PROTECT. MAINTAIN/RE-ESTABLISH CONTINUITY TO DEVICES AS NEEDED.
2 EXISTING DEVICES AND LIGHTING IN THIS ROOM TO BE DISCONNECTED AND REMOVED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PROVIDE NEW AS INDICATED.
3 EXISTING FIRE ALARM PANEL(S) TO REMAIN ACTIVE, LOCATE AND PROTECT DURING CONSTRUCTION.
4 EXISTING FIRE ALARM NOTIFICATION DEVICE TO BE RELOCATED TO NEW EXTERIOR WALL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
5 EXISTING RECESSED DOWNLIGHTS TO BE DISCONNECTED AND REMOVED IN THEIR ENTIRETY. E.C. SHALL MAINTAIN EXISTING LIGHTING CIRCUIT/CONTROLS AND EXTEND TO NEW LIGHTING AS REQUIRED.
6 EXISTING EMERGENCY EGRESS LIGHT TO BE REMOVED AND RELOCATED TO NEW ENTRY LOCATION AS REQUIRED. E.C. SHALL EXTEND EXISTING WIRING FROM BATTERY PACK LOCATED IN MECH. MEZZANINE TO NEW FIXTURE LOCATION.
7 EXISTING LIGHT SWITCH TO BE REMOVED AND REPLACED WITH NEW 3-WAY SWITCH IN ORDER TO EXPAND LIGHTING CONTROL TO NEW ADDITION, REFER TO NEW LIGHTING PLAN FOR ADDITIONAL INFORMATION.

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:

THE NORTH POINT
LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series: ELECTRICAL
Property Number: 5978778

Sheet Title:
EXISTING ELECTRICAL PLANS

Sheet:
E101

PROFESSIONAL ENGINEER REGISTERED 13053 8/27/24 STATE OF IDAHO SHAWN A. MEDDOR

PROJECT #: 24109
PAYNE Engineering Inc. Consulting Engineers
1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.payneengineeringinc.com

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ELECTRICAL FLOORBOX SCHEDULE

ID	DESCRIPTION	MFGR.	FLOORBOX p/n	COVERPLATE p/n	POWER DEVICES	DATA DEVICES	NOTES
FB2S	2-GANG, MULTI-SERVICE CONCRETE FLOORBOX, W/SURFACE STYLE RECTANGULAR COVER, 3" MIN. POUR	HUBBELL	CFB2G30CR	24GCCVRXXX	(1) DUPLEX RECPT.	PER AV DWGS	1,2,3

FLOORBOX SCHEDULE NOTES:

1. PROVIDE REQUIRED SUB-PLATES FOR INSTALLATION OF POWER, DATA AND AV DEVICES.
2. E.C. SHALL FIELD LOCATE EXACT PLACEMENT OF FLOORBOX WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
3. PROVIDE CONDUIT (SIZE AS INDICATED ON DRAWINGS) TO ACCESSIBLE CEILING SPACE FOR ROUTING OF DATA AND/OR LOW VOLTAGE CABLING.

GENERAL NOTES:

A. REFER TO SYMBOL SCHEDULE SHEET FOR PROJECT GENERAL NOTES AND GENERAL NOTES ASSOCIATED WITH THE INSTALLATION OF EACH SYSTEM, INCLUDINB BUT NOT LIMITED TO; LIGHTING, POWER, FIRE ALARM, SPECIAL SYSTEMS, ETC.

FONT SPECIAL NOTES:

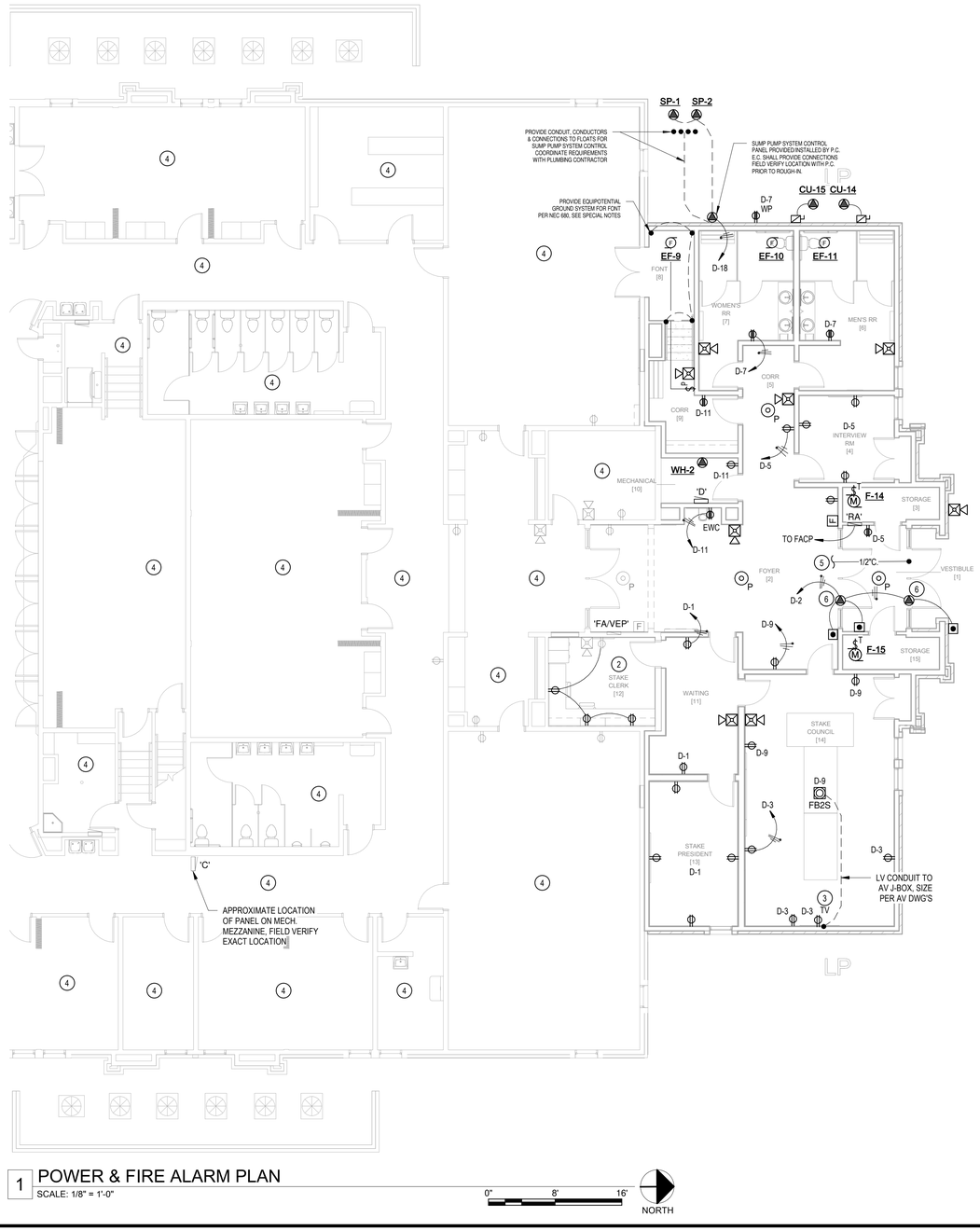
- E.C. SHALL PROVIDE AN EQUIPOTENTIAL GROUND SYSTEM AROUND FONT PER NEC 680.
- E.C. SHALL PROVIDE ALL BONDING OF ALL METAL EQUIPMENT, RAILINGS, PIPING, MOTORS AND ETC. TO THE EQUIPOTENTIAL GROUNDING GRID UTILIZING #6 Cu GROUND.

(#) KEY NOTES:

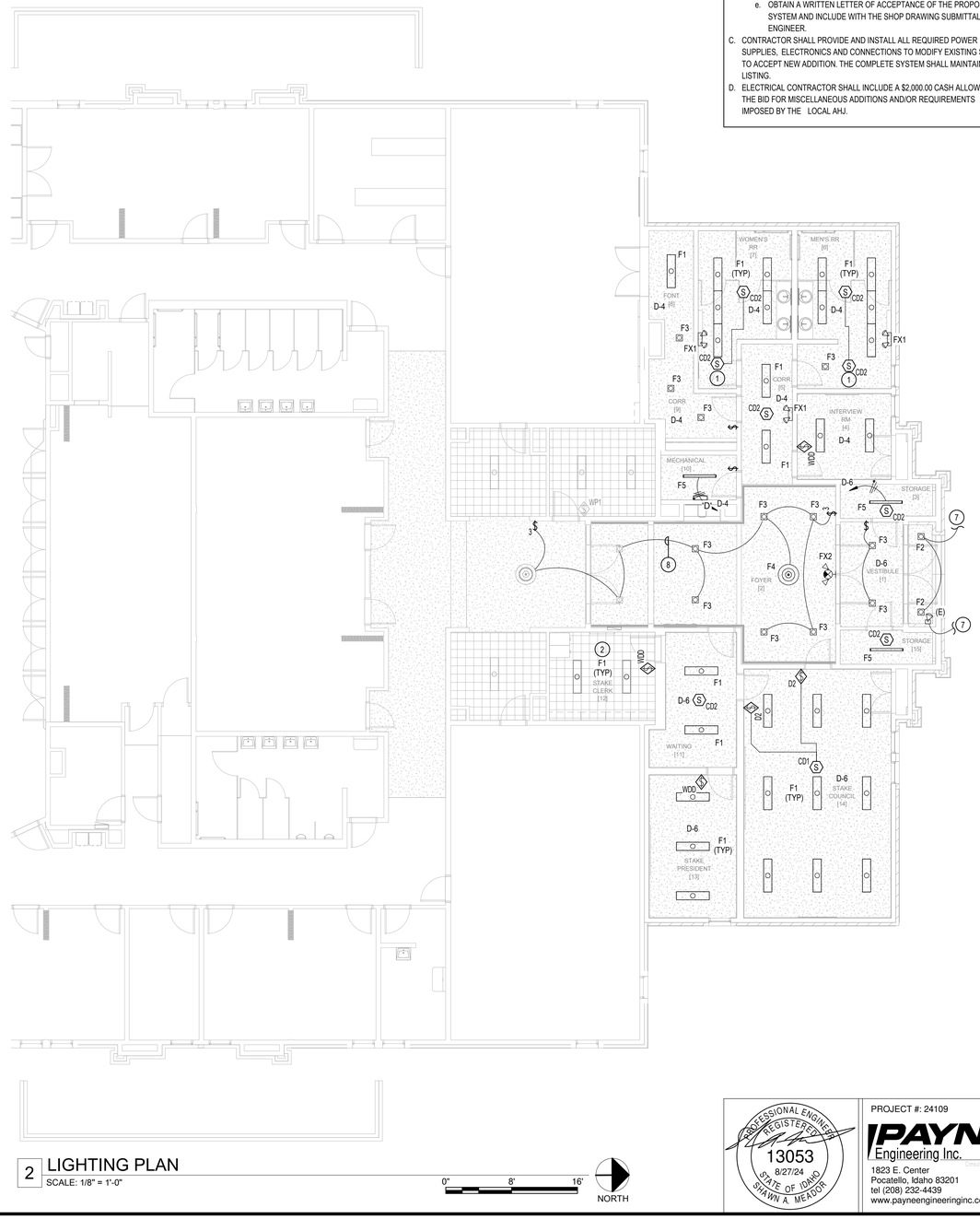
1 CONNECT ALL OCCUPANCY SENSORS IN ROOM IN PARALLEL SO THAT ANY OCC. SENSOR WILL TURN ON ALL ROOM LIGHTING.
2 RECONNECT NEW DEVICES/LIGHTING TO EXISTING CIRCUIT IN ROOM MADE AVAILABLE FROM DEMOLITION.
3 RECEPTACLE MOUNTED IN THE AV JUNCTION BOX FOR TV MONITOR. COORDINATE LOCATION WITH AV INSTALLER AND DRAWINGS.
4 ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, LIGHTING, ETC. IN THIS AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, LOCATE AND PROTECT. MAINTAIN/RE-ESTABLISH CONTINUITY TO DEVICES AS NEEDED.
5 STUB CONDUIT INTO DOOR FRAME FOR INSTALLATION OF ACCESS CONTROL SYSTEM WIRING. STUB CONDUIT TO ACCESSIBLE LOCATION IN UPPER MECH. MEZZANINE SPACE AND TERMINATE IN J-BOX LABELED "ACCESS CONTROL".
6 CONNECTION TO AUTOMATIC ADA DOORS; FIELD VERIFY CONNECTION LOCATION AND REQUIREMENTS WITH EQUIPMENT INSTALLERS. PROVIDE ALL REQUIRED ROUGH-IN AND CONNECTIONS TO PUSH-BUTTONS.
7 RE-CONNECT FIXTURE(S) TO EXISTING LIGHTING CIRCUIT/CONTROLS AS INDICATED TO MAINTAIN ORIGINAL FUNCTIONALITY OF LIGHTING.
8 E.C. SHALL CONNECT TO EXISTING LIGHTING CIRCUIT AND EXPAND EXISTING CONTROLS AS INDICATED TO ACCOMMODATE NEW CONSTRUCTION.

FIRE ALARM EXPANSION NOTES:

A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO EXPAND THE EXISTING FIRE-LITE HONEYWELL VOICE EVAC. FIRE ALARM SYSTEM. THE SYSTEM ADDITION SHALL BE CONNECTED DIRECTLY TO THE EXISTING MAIN FIRE ALARM PANELS.
THE INSTALLATION SHALL BE AS RECOMMENDED BY THE MANUFACTURER AND ACCEPTED BY THE LOCAL AHJ. WHEN THE SYSTEM IS COMPLETE, A FACTORY REPRESENTATIVE SHALL TEST THE SYSTEM, MAKE ADJUSTMENTS AND PLACE THE SYSTEM IN OPERATING ORDER.
B. WITHIN 30 DAYS AFTER THE CONTRACT AWARD AND PRIOR TO THE PURCHASE OF ANY EQUIPMENT, THE FIRE ALARM SYSTEM CONTRACTOR SHALL SUBMIT FOR APPROVAL SIX (6) COPIES OF THE FOLLOWING:
   a. A LIST OF MATERIALS THAT ARE TO BE USED ON THE PROJECT, INCLUDING MANUFACTURER, MODEL NUMBER AND TECHNICAL INFORMATION.
   b. PRELIMINARY CIRCUIT DIAGRAMS SHOWING INTERCONNECTION OF ALL MONITORING, NOTIFICATION AND ANNUNCIATION DEVICES, PANELS AND WIRING COUNTS. DIAGRAMS ARE TO BE 11"X17", DONE IN A GOOD WORKMAN LIKE MANNER.
   c. TECHNICAL MANUALS FOR ALL OF THE EQUIPMENT THAT IS TO BE USED ON THE PROJECT.
   d. SUBMIT SHOP DRAWINGS AND REQUIRED CALCULATIONS TO THE LOCAL AHJ.
   e. OBTAIN A WRITTEN LETTER OF ACCEPTANCE OF THE PROPOSED SYSTEM AND INCLUDE WITH THE SHOP DRAWING SUBMITTAL TO THE ENGINEER.
C. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED POWER SUPPLIES. ELECTRONICS AND CONNECTIONS TO MODIFY EXISTING SYSTEM TO ACCEPT NEW ADDITION. THE COMPLETE SYSTEM SHALL MAINTAIN A UL LISTING.
D. ELECTRICAL CONTRACTOR SHALL INCLUDE A $2,000.00 CASH ALLOWANCE IN THE BID FOR MISCELLANEOUS ADDITIONS AND/OR REQUIREMENTS IMPOSED BY THE LOCAL AHJ.



1 POWER & FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"
0" 8" 16'
NORTH



2 LIGHTING PLAN
SCALE: 1/8" = 1'-0"
0" 8" 16'
NORTH

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D-M-Y)	Description

Project Number: 24001
Plan Series: ELECTRICAL
Property Number: 5978778

Sheet Title: NEW ELECTRICAL PLANS

PROFESSIONAL ENGINEER REGISTERED 13053 8/27/24 STATE OF IDAHO SHAWN A. MEDOW

PROJECT #: 24109

PAYNE Engineering Inc. Consulting Engineers
1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.payneengineeringinc.com

Sheet: E102

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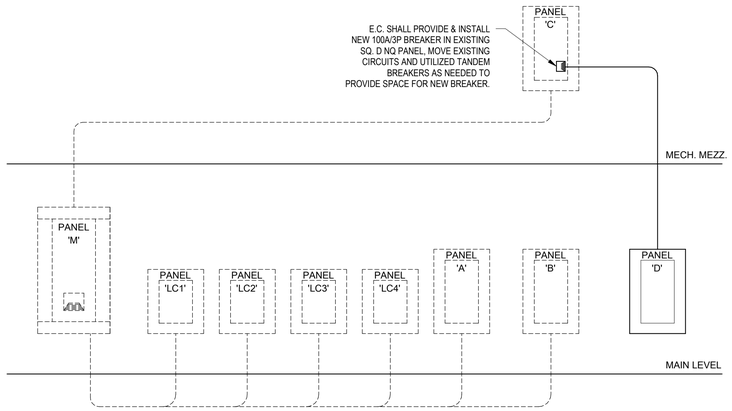


1 POWER RISER DIAGRAM

SCALE: NONE

POWER RISER FEEDER SCHEDULE

SOURCE	LOAD	CONNECTED AMPS	BREAKER AMPS	# OF RUNS	CONDUIT	CONDUCTOR SIZE	CONDUCTOR TYPE
C	PANEL D	47 A	100 A	1	1 1/4"	3-#3, 1-#3, 1-#8	COPPER

FEEDER SCHEDULE LEGEND & NOTES

1. # OF RUNS INDICATES THE NUMBER OF PARALLEL RUNS FOR THE FEEDER.
2. FEEDER SIZE IN SCHEDULE IS AS INDICATED BELOW:

QTY-#PHASE SIZE, QTY-#NEUTRAL SIZE, QTY-#GROUND SIZE

QTY & SIZE OF PHASE CONDUCTOR(S) | QTY & SIZE OF NEUTRAL CONDUCTOR(S) | QTY & SIZE OF GROUND CONDUCTOR(S)

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	VOLTS	WATTS	LUMENS	COLOR TEMP.(K)	MFGR.	CATALOG #	APPROVED MFGR'S	NOTES
F1	1X4 SURFACE LED FLAT PANEL	SURFACE	120-277	40 W	4400	3500	LITHONIA	CPANL-1X4-AL01-SWW7-M4-DCMK 14		1
F2	8" ROUND RECESSED LED CAN, WHITE TRIM, DAMP LABELED	RECESSED	120-277	25 W	2000	3500	HALO	PR820D010/PR8M34MDMW	GE, PEACHTREE, SPECTRUM, ELCO, LITON	
F3	6" RECESSED LED DOWNLIGHT, SHALLOW HOUSING, WHITE TRIM, 1-1/4" CEILING FLANGE	RECESSED	120-277	12 W	1200	3500	HALO	LT560WH12935/E7ICAT	GE, ELCO, LITON, LITHONIA, DMF, PRESCOLITE	
F4	30" DIA. DOUBLE SEALED BOWL, W/ MACHINED ALUMINUM TRIM RING, 50/50 UP/DWN DIST. ELEV. 13FT	PENDANT	120-277	100 W		3500	VICTOR ILLUMINATING	VLD4130-ACC 90LED-35K-SA-XX-120-SD-DM7	EVERGREEN, LIGHTWAY, CRAFT-METAL, SPECTRUM, LE LAMPISTE	
F5	4FT LED STRIP, 0-10V DIMMING	SURFACE	120-277	30 W	4000	3500	LITHONIA	CSS-L48-AL03-MVOLT-SWW3-80CRI	DAY-BRITE, METALUX, HE WILLIAMS, LSI, COLUMBIA	
FX1	WALL MOUNTED LED EMERGENCY LIGHT	WALL AT 7'-6" AFF	120-277	3 W	N/A	N/A	LITHONIA	ELM6L-UVOLT-LTP-SDRT	COOPER	
FX2	EXIT SIGN/EM LIGHT COMBO W/ 90MIN BATTERY,THERMOPLASTIC, GREEN LED, SINGLE/DOUBLE FACE	WALL OR CEILING	120-277	2 W	N/A	N/A	LITHONIA	LHQM LED-G-SD	COOPER	

LIGHT FIXTURE SCHEDULE NOTES:

1. REFER TO DRAWINGS FOR FIXTURES REQUIRED TO HAVE 0-10V OR STEP-LEVEL DIMMING CONTROL. PROVIDE FIXTURE(S) WITH LED DRIVER(S) AND REQUIRED DIMMING/SWITCH-LEG CONDUCTORS BETWEEN SWITCH(ES) AND FIXTURE(S) TO PROVIDE CONTROL AS INDICATED ON DRAWINGS.
2. FIXTURE TO BE CONTINUOUS ROW MOUNTED, LENGTH AS INDICATED ON DRAWINGS. PROVIDE REQUIRED ACCESSORIES/CONNECTORS FOR CONTINUOUS ROW MOUNTING.
3. SCBA - STANDARD COLOR BY ARCHITECT/OWNER (COORDINATE COLOR WITH ARCHITECT/OWNER PRIOR TO ORDERING.)
4. FIELD ADJUST PENDANT LENGTH AS REQUIRED, VERIFY LENGTH WITH COUNTER AS DIRECTED BY ARCHITECT.

GENERAL LIGHTING SCHEDULE NOTES:

- LIGHTING FIXTURES INDICATED IN SCHEDULE ARE BASIS OF DESIGN, ALTERNATE MANUFACTURERS SHALL BE PRE-APPROVED BY ADDENDUM. ALTERNATE MANUCATURERS SHALL SUBMIT PER-APPROVALS TO ENGINEER A MINIMUM OF 10 DAYS PRIOR TO PROJECT BID DATE.

PANEL: D

PAYNE ENGINEERING

LOCATION: MECHANICAL 10
FED FROM: C
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
MFG & MODEL: SQ. D/NQ SERIES
NOTES:

VOLTAGE: 120/208 Wye
PHASES: 3
WIRES: 4
BUSSING: SEE SPEC'S
DIMENSIONS: 20"W x 5.8"D x **"H

A.I.C. RATING: 10k
PANEL TYPE: MLO
PANEL AMPS: 100 A
MBR AMPS: N/A
FEED: TOP

PROJECT:
THE NORTH POINT LDS CHURCH

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Receptacle		20 A	1	1080 400			1	20 A		Automatic Doors	2
3	Receptacle		20 A	1		720 868		1	20 A		Lighting	4
5	Receptacle		20 A	1			1080 640	1	20 A		Lighting	6
7	Receptacle		20 A	1	667 0			1	20 A	--	SPARE	8
9	Receptacle		20 A	1		720 0		1	20 A	--	SPARE	10
11	Receptacle/WH		20 A	1			1160 0	1	20 A	--	SPARE	12
13	SPARE	--	20 A	1	0 1176			1	20 A		Furnace	14
15	SPARE	--	20 A	1		0 1176		1	20 A		Furnace	16
17	SPARE	--	20 A	1			0 1600	1	30 A		Sump Pump System	18
19	SPARE	--	20 A	1	0 --			1	--	--	PREPARED SPACE	20
21	SPARE	--	20 A	1		0 --		1	--	--	PREPARED SPACE	22
23	HVAC CU-14		30 A	2			1389 --	1	--	--	PREPARED SPACE	24
25					1389 --			1	--	--	PREPARED SPACE	26
27	HVAC CU-15		30 A	2		1389 --		1	--	--	PREPARED SPACE	28
29							1389 --	1	--	--	PREPARED SPACE	30
	TOTAL LOAD:		4.7 kVA			4.9 kVA	7.2 kVA					
	TOTAL AMPS:		39 A			41 A	60 A					
	TOTAL ESTIMATED DEMAND AMPS:		47 A									

BRK NOTES:
A = ARC-FAULT BREAKER
S = SHUNT-TRIP BREAKER
GP = GFEPD BREAKER
G = GFCI BREAKER
LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
R = RED HANDLED, LOCK-OUT TYPE

MECH. - PLUMBING EQUIP. SCHEDULE

EQUIP. ID	VOLTS / PH.	WATTS	FLA	CIRCUIT	FEEDER	DISCONNECT	NOTES
SP-1	120 V / 1 PH.	800 W	7 A	D - 18	1/2"C.,2#12+1#12G	N/A	5
SP-2	120 V / 1 PH.	800 W	7 A	D - 18	1/2"C.,2#12+1#12G	N/A	5
WH-2	120 V / 1 PH.	200 W	2 A	D - 11	1/2"C.,2#12+1#12G	CORD/PLUG	

MECH. - EXHAUST FAN SCHEDULE

EQUIP. ID	VOLTS / PH.	HP	WATTS	FLA	CIRCUIT	FEEDER	CONTROL	NOTES
EF-9	120 V / 1 PH.	N/A	127 W	1 A	D - 7	1/2"C.,2#12 + 1#12G	PILOT LIGHTED SWITCH	
EF-10	120 V / 1 PH.	N/A	100 W	1 A	D - 4	1/2"C.,2#12 + 1#12G	W/LIGHTS	1
EF-11	120 V / 1 PH.	N/A	100 W	1 A	D - 4	1/2"C.,2#12 + 1#12G	W/LIGHTS	1

MECH. - FURNACE SCHEDULE

EQUIP. ID	VOLTS / PH.	HP	FLA	CIRCUIT	FEEDER	DISCONNECT	NOTES
F-14	120 V / 1 PH.	1/2	10 A	D - 14	1/2"C.,2#12 +1#12G	THERMAL-OVERLOAD SWITCH	2,4
F-15	120 V / 1 PH.	1/2	10 A	D - 16	1/2"C.,2#12 +1#12G	THERMAL-OVERLOAD SWITCH	2,4

MECH. - CONDENSING UNIT SCHEDULE

EQUIP. ID	VOLTS / PH.	MCA	MOCP	CIRCUIT	FEEDER	DISCONNECT	NOTES
CU-14	208 V / 1 PH.	17 A	25 A	D - 23,25	3/4"C.,3#10 + GND	30 A - FUSED/3R	3,4
CU-15	208 V / 1 PH.	17 A	25 A	D - 27,29	3/4"C.,3#10 + GND	30 A - FUSED/3R	3,4

MECHANICAL SCHEDULE NOTES:

1. CIRCUIT AND CONTROL EXHAUST FAN WITH ROOM LIGHTING CIRCUIT.
2. E.C. SHALL PROVIDE LOCAL DISCONNECT RATED, THERMAL-OVERLOAD SWITCH FOR EQUIPMENT; SWITCH RATING SHALL NOT BE LESS THEN CIRCUIT BREAKER SUPPLYING EQUIPMENT.
3. E.C. SHALL PROVIDE LOCAL DISCONNECT SWITCH FOR EQUIPMENT; SIZE AND TYPE AS INDICATED IN SCHEDULE. IF FUSED DISCONNECT IS SPECIFIED FOR EQUIPMENT, FUSE PER EQUIPMENT NAMEPLATE RATING.
4. PROVIDE 1/2" CONDUIT AND CONDUCTORS BETWEEN FURNACE AND CORRESPONDING OUTDOOR CONDENSING UNIT. COORDINATE SIZE AND NUMBER OF CONDUCTORS WITH M.C. PRIOR TO ROUGH-IN. PROVIDE CONNECTION BETWEEN FURNACE AND ASSOCIATED OUTSIDE AIR MOTORIZED DAMPER, COORDINATE WITH M.C.
5. CIRCUIT THROUGH CONTROL PANEL PROVIDED BY P.C.

LIGHTING CONTROL/OCCUPANCY SENSOR SCHEDULE

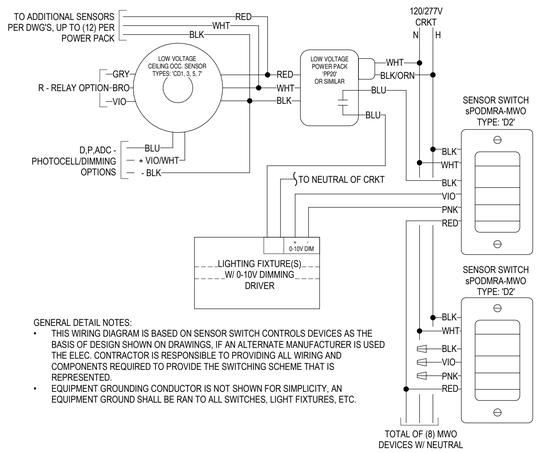
TYPE	DESCRIPTION	MFGR.	CATALOG #	APPROVED EQUALS	NOTES
DIMMER SWITCHES - LINE VOLTAGE					
D2	LINE VOLTAGE 0-10V DIMMER FOR MULTI-WAY OPERATION, ON/OFF/DIMMING PUSH-BUTTONS	SENSOR SWITCH	sPODMRA MWO-D-**	PER SPECIFICATIONS	2,3,4
OCC. SENSORS - CEILING (LINE VOLTAGE)					
CD2	DUAL-TECHNOLOGY, LINE VOLTAGE, SMALL MOTION 800W MAX LOAD	SENSOR SWITCH	CMR PDT 9	PER SPECIFICATIONS	
OCC. SENSORS - CEILING (LOW VOLTAGE)					
CD1	DUAL-TECHNOLOGY, SMALL MOTION 360 DEGREE COVERAGE, LOW VOLTAGE, W/ISOLATED RELAY	SENSOR SWITCH	CM PDT 9 R	PER SPECIFICATIONS	1
OCC. SENSORS - WALL MOUNTED					
WDD	DUAL-TECHNOLOGY, 0-10V DIMMING	COOPER LTG	OSW-D-010-#	PER SPECIFICATIONS	2,5
WP1	PASSIVE-INFRARED, 1-POLE, NEUTRAL REQUIRED	SENSOR SWITCH	WSX-**	PER SPECIFICATIONS	2

CONTROL & OCCUPANCY SENSOR SCHEDULE NOTES:

1. PROVIDE ADDITIONAL POWER PACKS; SENSOR SWITCH PP20 AS NEED FOR QTY OF OCCUPANCY SENSORS/SWITCHES.
2. DEVICE COLOR SHALL MATCH WIRING DEVICES; REFER TO SPECIFICATIONS.
3. REFER TO MANUFACTURER DOCUMENTATION FOR QTY AND SIZE OF CONDUCTORS BETWEEN LOW VOLTAGE SWITCH, SENSOR(S) AND POWER/RELAY PACKS.
4. PROVIDE SECONDARY RELAY PACK; SENSOR SWITCH SP20 AS NEEDED TO PROVIDE DUAL-LEVEL SWITCHING OF FIXTURES.
5. PROVIDE 0-10V DIMMING CONDUCTORS (GRAY & VIOLET) BETWEEN SWITCH AND LIGHT FIXTURES FOR DIMMING CONTROL.

GENERAL LIGHTING CONTROL NOTES:

- E.C. SHALL BE RESPONSIBLE FOR THE PROGRAMMING/COMMISSIONING OF THE LIGHTING CONTROL SYSTEMS TO FUNCTION AS INDICATED ON THE DRAWINGS AND SHALL INCLUDE ALL REQUIRED COST IN THE BASE BID. FOR AREAS WITH DAYLIGHTING CONTROL, THE DAYLIGHTING SET-POINTS SHALL BE COORDINATED WITH THE OWNER FOR EACH AREA PRIOR TO FINAL PROGRAMMING OF THE DAYLIGHTING SENSOR(S). ALL PROGRAMMING/COMMISSIONING SHALL BE DONE BY A FACTORY CERTIFIED OR TRAINED PERSON.

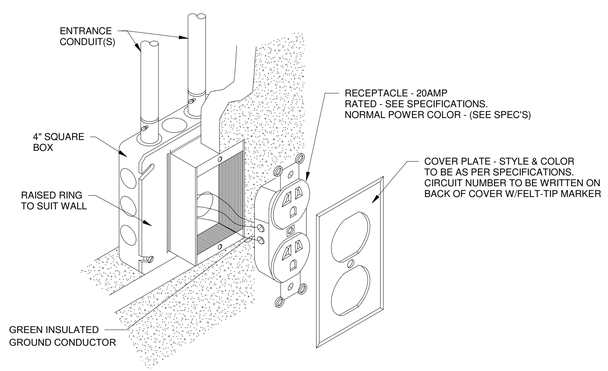


GENERAL DETAIL NOTES:

- THIS WIRING DIAGRAM IS BASED ON SENSOR SWITCH CONTROLS DEVICES AS THE BASIS OF DESIGN SHOWN ON DRAWINGS. IF AN ALTERNATE MANUFACTURER IS USED THE ELEC. CONTRACTOR IS RESPONSIBLE TO PROVIDING ALL WIRING AND COMPONENTS REQUIRED TO PROVIDE THE SWITCHING SCHEME THAT IS REPRESENTED.
- EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN FOR SIMPLICITY, AN EQUIPMENT GROUND SHALL BE RAN TO ALL SWITCHES, LIGHT FIXTURES, ETC.

A LV OCC. SENSOR W/ TYPE 'D2' SWITCH DIAGRAM

SCALE: NONE



B RECEPTACLE MOUNTING DETAIL

SCALE: NONE

Architect / Engineer:
Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

Stamp:

THE NORTH POINT LDS CHURCH
1134 N College Rd W, Twin Falls, ID 83301

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

Mark	Date (D/M/Y)	Description

Project Number: 24001
Plan Series: ELECTRICAL
Property Number: 5978778

Sheet Title: POWER RISER, SCHEDULES & DETAILS

Sheet: E601

PROFESSIONAL ENGINEER REGISTERED 13053 8/27/24 STATE OF IDAHO SHAWN A. MEADOR

PROJECT #: 24109

PAYNE Engineering Inc. Consulting Engineers
1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.payneengineeringinc.com

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