GHN
GASKIN HILL NORCROSS
OF MISSOURI, INC.
300 South Jefferson Avenue, Suite 301, Springfield, MO 65806
417.869.0719
www.ghnae.com

NEW MEETINGHOUSE & PARKING ADDITION
SPRINGDALE, AR

LANDSCAPE ARCHITECT:
LANDTEK

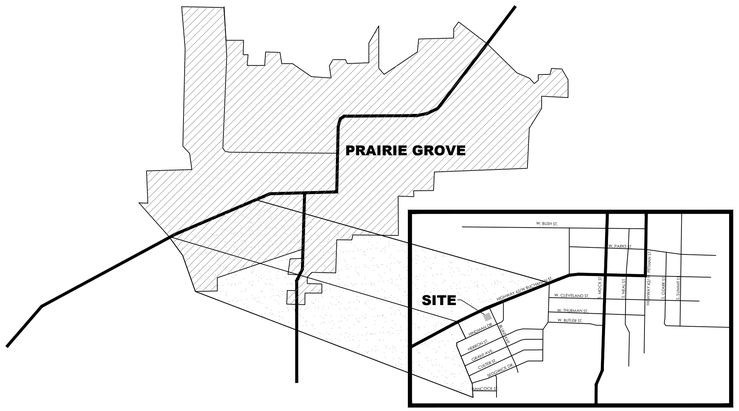
STRUCTURAL ENGINEER:
RTM

FIRE PROTECTION:
BENCHMARK GROUP

MECHANICAL AND ELECTRICAL ENGINEER:
BENCHMARK GROUP

A/V CONSULTANT:
DICKENSHEETS DESIGN ASSOCIATES

LIGHTNING PROTECTION:
ICP LIGHTNING PROTECTION, LLC



STANDARD SYMBOLS LEGEND

DETAIL — A / A1.3 — DETAIL LETTER / SHEET NUMBER

SECTION — C / A5.5 — SECTION LETTER / SHEET NUMBER

SHEET REFERENCE — B TITLE / SCALE

ROOM NUMBER — ROOM NAME; 150 — ROOM NUMBER; 1/A6.3 — ENLARGED PLAN

DOOR DESIGNATION — 123A

WINDOW DESIGNATION — A

ELEVATION (VIEW) — B / A2.1 — ELEVATION LETTER / SHEET NUMBER

ELEVATION (DATUM) — ELEVATION 100'-0"

VISUAL DISPLAY BOARDS — V2

DRAWING INDEX

SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE
	GENERAL		**ARCHITECTURAL**		**FURNISHINGS**		**PLUMBING**		**ELECTRICAL**
G001	COVER SHEET	A121	REFLECTED CEILING PLAN	F101	FURNISHINGS PLAN AND SCHEDULES	P100	BELOW GRADE PLUMBING PLAN	E001	MAIN FLOOR DEMO PLAN
G101	CODE INFORMATION IBC	A151	ROOF PLAN			P101	MAIN FLOOR PLUMBING PLAN	E002	EQUIPMEINT PLATFORM POWER AND LIGHTING DEMO PLAN
G102	CODE ANALYSIS	A201	EXTERIOR ELEVATIONS	F301	ROOM SIGNAGE LOCATION PLAN, SCHEDULE & DETAILS	P102	EQUIPMENT PLATFORM PLUMBING PLAN	E101	MAIN FLOOR LIGHTING PLAN
G103	ACCESSIBILITY DETAILS	A202	EXTERIOR ELEVATIONS			P200	BELOW GRADE PLUMBING DEMO PLAN	E111	MAIN FLOOR POWER PLAN
						P202	EQUIPMENT PLATFORM PLUMBING DEMO PLAN	E112	EQUIPMENT PLATFORM POWER AND LIGHTING PLAN
	CIVIL	A301	BUILDING SECTIONS			P401	PIPING SCHEMATICS AND LARGE SCALE PLUMBING PLANS	E601	SCHEDULES AND SYMBOLS
C01	LARGE SCALE DEVELOPMENT COVER SHEET	A302	BUILDING SECTIONS		**STRUCTURAL**	P500	PLUMBING DETAILS	E604	LIGHTING FIXTURE SCHEDULE
SU01	BOUDARY & SURVEY	A303	BUILDING SECTIONS	S0.0	GENERAL NOTES	P601	PLUMBING SCHEDULES AND GAS PIPING SCHEMATIC	E608	ENERGY COMPLIANCE
SP01	SITE PLAN			S0.1	SPECIAL INSPECTIONS				
GP01	EROSION CONTROL PLAN			S1.1	FOUNDATION PLAN				**TECHNOLOGY**
GP02	SITE GRADING PLAN	A401	ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAILS	S2.1	FOUNDATION DETAILS		**MECHANICAL**	ET101	AV ROUGH-IN FLOOR PLAN
LP01	LANDSCAPE PLAN			S3.1	EQUIPMENT PLATFORM FRAMING PLAN	M101	MAIN FLOOR MECHANICAL PLAN	ET102	AV ROUGH-IN CEILING PLAN
DT01	DETAILS			S3.2	ROOF FRAMING PLAN	M102	EQUIPMENT PLATFORM MECHANICAL PLAN	TA501	AV SYSTEM DETAILS
DT02	DETAILS	A501	ARCHITECTURAL DETAILS	S4.1	FRAMING DETAILS	M201	MAIN FLOOR DEMO MECHANICAL PLAN	TA601	AV SYSTEM EQUIPMENT LIST
		A502	ARCHITECTURAL DETAILS	S5.1	SHEAR WALL PLANS	M202	EQUIPMENT PLATFORM MECHANICAL PLAN	TA602	AV SYSTEM RISER DIAGRAMS
		A503	ARCHITECTURAL DETAILS			M301	MECHANICAL AXONOMETRIC PLAN		
		A521	LIGHT COVE AND CEILING TRIM DETAILS			M501	MECHANICAL DETAILS		
		A522	TRIM DETAILS			M502	MECHANICAL DETAILS		**FIRE DETECTION**
	LANDSCAPING	A541	ROOFING DETAILS			M503	MECHANICAL DETAILS	FA101	FIRE ALARM
LS100	LANDSCAPE PLAN	A542	ROOFING DETAILS			M601	MECHANICAL SCHEDULES	FA102	FIRE ALARM EQUIPMENT PLATFORM
LS101	LANDSCAPE DETAILS	A543	ARCHITECTURAL DETAILS		**FIRE SPRINKLER**	M602	MECHANICAL ENERGY CALCULATION		
				FS101	FIRE PROTECTION SITE PLAN				**LIGHTNING PROTECTION**
		A601	FINISH SCHEDULE	FS102	FIRE PROTECTION DEMO PLAN		**MECHANICAL ELECTRICAL**	LP101	LIGHTNING PROTECTION
	ARCHITECTURAL	A602	DOOR AND WINDOW SCHEDULES	FS201	MAIN LEVEL WET FIRE SPRINKLER PLAN	ME101	AUTOMATIC TEMPERATURE CONTROL PLANS		
A001	DEMOLITION PLAN	A603	DOOR AND WINDOW DETAILS	FS202	EQUIPMENT WET FIRE PROTECTION PLAN	ME701	AUTOMATIC TEMPERATURE CONTROL WIRING AND SCHDULES		
A002	DEMOLITION EQUIPMENT PLATFORM PLAN	A604	WINDOW DETAILS	FS203	ANTI-FREEZE FIRE PROTECTION PLAN	ME702	AUTOMATIC TEMPERATURE CONTROL WIRING		
A101	FLOOR PLAN	A605	FOLDING PARTITION DETAILS	FS301	FIRE SPRINKLER SECTIONS AND ELEVATIONS	ME703	AUTOMATIC TEMPERATURE CONTROL WIRING		
A102	EQUIPMENT PLATFORM PLAN			FS501	FIRE SPRINKLER DETAILS	ME706	AUTOMATIC TEMPERATURE CONTROL WIRING		
A103	EXTERIOR & INTERIOR PARTITION TYPES								

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

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SPRINGDALE AR STAKE
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PRAIRIE GROVE, AR 72753

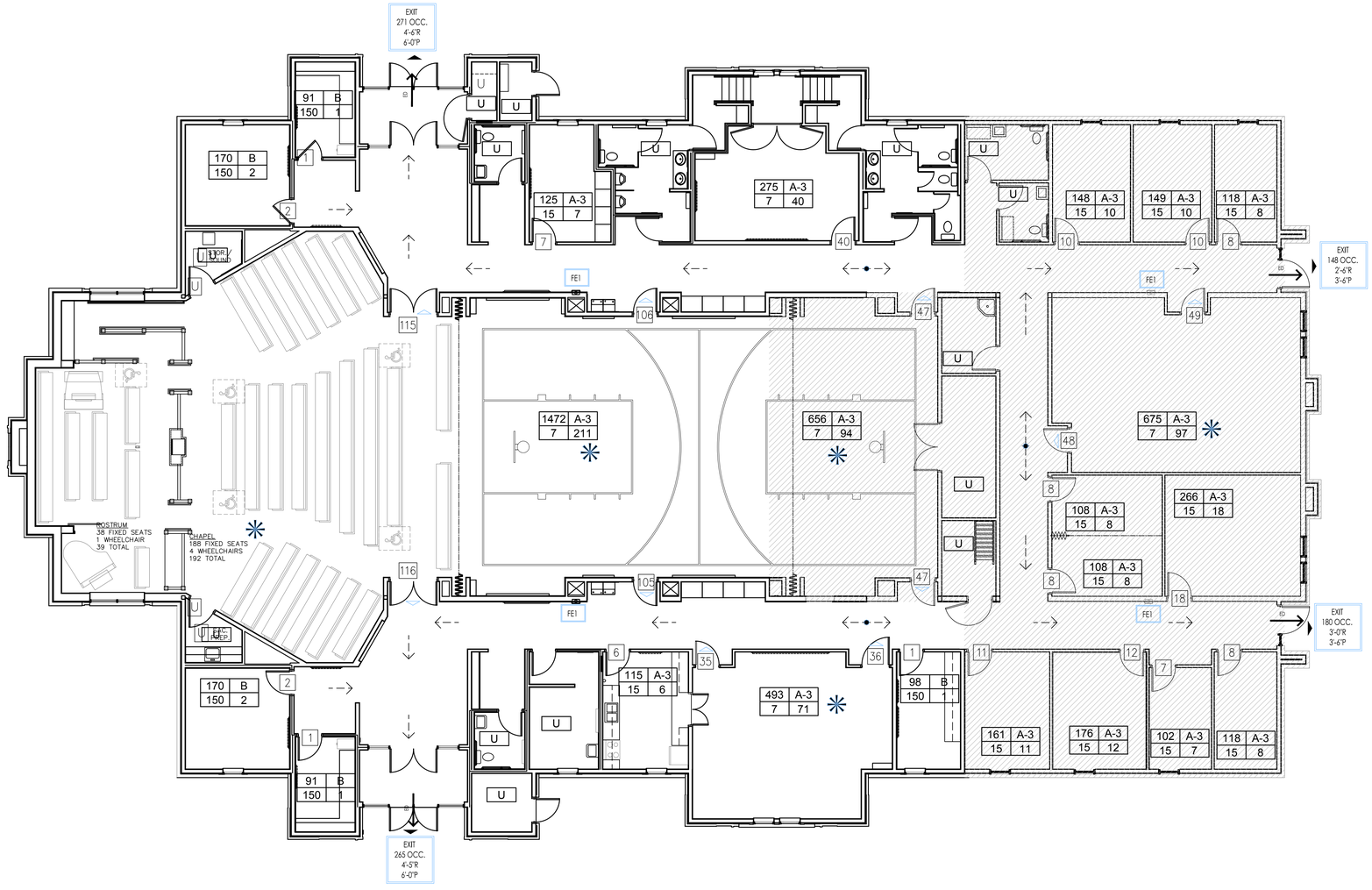
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number:
24-078.00
Work Order No.:
-
LDS Prop. No.:
5004685240201

Sheet Title:
COVER SHEET

July 24 2025

Sheet:
G001



1 OCCUPANCY AND EXITING FLOOR PLAN

1/16" = 1'-0"

CODE ANALYSIS LEGEND

EXIT 166 OCC. 3'-0"R 4'-0"P — (LOCATION SHOWN BY LARGE ARROW) MAXIMUM OCCUPANT LOAD THRU EXIT; MINIMUM REQUIRED EXIT WIDTH; EXIT WIDTH PROVIDED

1 HOUR FIRE BARRIER OR PARTITION. SEE WALL TYPES

CPT — COMMON PATH OF TRAVEL AS PER TABLE 1006.2.1

EXIT ACCESS TRAVEL DISTANCE AS PER TABLE 1017.2

ROOM/AREA SQUARE FOOTAGE

SF | OCC — OCCUPANCY GROUP

OLF | OL — OCCUPANT LOAD

OCCUPANCY LOAD FACTOR (n=NET sf, g=GROSS SF)

ROOM/AREA REQUIRED EXIT

BUILDING REQUIRED EXIT

ED — EXIT DISCHARGE TO PUBLIC WAY - IBC 1028

FIRE DEPARTMENT CONNECTION (FDC)

FEI — ONE-HOUR FIRE RATED RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER FIRE EXTINGUISHER - 2A: 10BC

* — ROOMS WITH AN OCCUPANT LOAD OF 50 OR MORE IN GROUP A OCCUPANCY SHALL HAVE TWO EXITS (IBC 2018 SECTION 1006.1)

ACCESSIBLE ELEMENT

NON-ACCESSIBLE ELEMENT

GENERAL NOTES

1- SEE G102 FOR COMPLETE WRITTEN CODE ANALYSIS & REVIEW - ALL AREAS SHOWN HERE ARE REFERENCED WITHIN CODE ANALYSIS.

2- CODE ANALYSIS BASED ON Arkansas Fire Prevention Code Volume 2 (IBC) 2021 REQUIREMENTS.

3 - BUILDING AREA - 13,245 SF (10,315 SF EXISTING, 2,930 SF NEW)

SIGNAGE

SEE SIGNAGE SCHEDULE AND LAYOUT ON SIGNAGE SHEETS

1. ACCESSIBILITY SIGNAGE: PROVIDE SIGNAGE TO MEET THE REQUIREMENTS OF ANSI 117.1-2017. PROVIDE SIGNAGE FOR ACCESSIBLE ENTRANCES, RESTROOMS, ETC.
2. BUILDING ADDRESS: APPROVED NUMBERS OR ADDRESSES SHALL BE PROVIDED IN SUCH A POSITION AS TO BE CLEARLY VISIBLE AND LEGIBLE FROM THE STREET OR ROADWAY FRONTING THE PROPERTY IN COMPLIANCE WITH IBC 2018 SECTION 501.2.
3. EXIT SIGNS - SEE SIGNAGE SCHEDULE.

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-
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5004685240201

Sheet Title:
CODE INFORMATION IBC

July 24 2025

Sheet:
G101

CODE ANALYSIS

Abbreviations	
N/A	Not Applicable as part of this Project
AGP	Above Grade Plan - Story
FDVA	Fire Department Vehicle Access
FSD	Fire Separation Distance
AHJ	Authority Having Jurisdiction
OL	Occupant Load

Applicable Codes:		
2021	IBC	Arkansas Fire Prevention Code Vol. 2 (Building Code)
2021	IFC	Arkansas Fire Prevention Code Vol. 1 (Fire Code)
2018	IPC	Arkansas Plumbing Code
2021	IMC	Arkansas Mechanical Code
2020	NEC	National Electrical Code
2018	IFGC	Arkansas Fuel Gas Code
2014	IECC	Arkansas Energy Code
2017	ANSI	ICC/American National Standard A117.1 + ADDAG
	Amendments (State or Local, Building Code Amendments - www.dopl.utah.gov)	

(Chap. 3) Use and Occupancy Classification

Occupancy	Occupancies	Fire Separation(Table 508.4)
A-3	A-3 / B	0 hr. see exception*
B		

* 303.1.1 Small buildings and tenant spaces: A building or space used for assembly purposes with OL<50 shall be classified as a B occupancy.

* 303.1.4 Accessory to places of religious worship: Accessory religious educational rooms and religious auditoriums with OL<100/ room or space are not considered separate occupancies.

(Chap. 4) Special Detailed Requirements Based on Use & Occupancy

None apply for places of religious worship or business type occupancies

(Chap. 5) General Building Heights and Areas

Allowable height, stories, and area (Table 504.3, 504.4, 506.2) - VB, Sprinklered

Occupancy	Height (ft)	Story	Area (sf)
A-3	60	2	24,000
B	60	3	36,000

Actual height, stories and area

Occupancy	Height (ft)	Story	Area (sf)
A-3	27	1	13,245

Area increase not required

(Chap. 6) Types of Construction

Occupancy	Const. Type		Fire-Resistance Rating for Building Elements (Table 601)	Type V-B
A-3	V-B		Primary structural frame	0
B	V-B		Bearing walls Exterior	0
			Bearing walls Interior	0
			Nonbearing walls and partitions Exterior	Table 602
			Nonbearing walls and partitions Interior	0
			Floor construction and secondary members	0
			Roof construction and secondary members	0

Fire-resistance of exterior walls (Table 602)

	A-3	B
X>30'	0	0

(Chap. 7) Fire and Smoke Protection Features

704.2 Column Protection - NA

704.3 Protection of the Primary Structural Frame other than Columns - NA

704.10 Exterior Structural Members - NA

705 Exterior Walls

705.2 Projections: Shall not extend closer to FSD than Table 705.2 - NA

705.5 Fire-resistance ratings: > 10 ft. exterior wall rated for exposure from inside only - NA

Table 705.8 Maximum Area of Exterior Wall based on fire separation distance

Greater than 30' - No Limit

705.8.5 Vertical Separation of Openings - NA

713.4 Fire-resistance rating of Shafts - NA

718 Concealed Spaces

718.2 Fireblocking - Required throughout

718.3 Draftstopping in floors

718.3 Exception - Not required if building is equipped throughout with an automatic sprinkler system

718.4 Draftstopping in attics

718.4 Exception - Not required if building is equipped throughout with an automatic sprinkler system

(Chap. 8) Interior Finishes

Interior wall and ceiling finish requirements by occupancy (Table 803.13)

Occupancy	Exiting Elements	Corridors	Room & Enclose Spaces
A-3	B	B	C
B	B	C	C

(Chap. 9) Fire Protection Systems

903 Automatic Sprinkler Systems

903.2.1.3 Automatic sprinkler systems required in A-3 occupancy

903.3.1.1 Standard - NFPA 13

906.1 Portable Fire Extinguishers - Where required

A-3 - Class A, Ordinary Hazard

B - Class A, Ordinary Hazard

Class A, Ordinary Hazard Fire Extinguisher Requirements

Rated: 2-A

Max. Floor Area per Unit of A = 1,500 sf

Max. Floor Area for Extinguisher = 11,500 sf

Max. Travel Distance = 75 feet

907.2 Fire Alarm and Detection Systems - Where required

A-3 - OL> 1000

Installed per IBC and NFPA 72

(Chap. 10) Means of Egress

Table 1004.5 - Occupant Load: See drawing sheet G101 for floor plan showing occupant loads for each room.

1005 Means of Egress Sizing: 0.3" x OL for stairs and 0.2" x OL for other egress components. See drawing sheet G101 floor plan showing stairs and egress components and width required and width provided.

Table 1006.2.1 Maximum Common Path of Egress Travel Distance

A-3	75' (with sprinkler system)
B	100' (with sprinkler system)

Table 1006.3.2 Minimum Number of Exits or Access to Exits Per Story

Occupant Load 969 - 3 Exits Required, 5 Provided

1009 Accessible Means of Egress

1009.1 Need (1) accessible means of egress/space min. or (2) when two exits are required.

1009.2 Continuity and Components: Each required accessible means of egress shall be continuous to a public way.

(Chap. 10) Means of Egress (cont.)

Table 1017.2 Exit Travel Distance

A-3	250' (with sprinkler system)
B	300' (with sprinkler system)

Table 1020.1 Corridor Fire-resistance Rating

A-3	OL > 30 = 0 hr. (with sprinkler system)
B	OL > 30 = 0 hr. (with sprinkler system)

Table 1020.2 Minimum Corridor Width

Any facilities not listed below	44"
Access to mechanical, plumbing, or electrical equipment	24"
With occupant load less than 50	36"

1029 Assembly

1029.2 Main exit required when OL > 300. Must be of sufficient capacity to accommodate 1/2 the OL

1029.3 Other exists required when OL > 300. Must be of sufficient capacity to accommodate 1/2 the OL

1029.7 Travel distance: 250' max to an exit in sprinklered building

1029.8 Common path of egress travel: 30' max. from any seat to two paths of egress travel to two exits

1029.14 Seat Stability: A-3 occupancy - seats shall be securely fastened to the floor

(Chap. 11) Accessibility

1103 Scoping Requirements

1103.1 Facility and site required to be accessible

1104 Accessible Route

1104.1 Site arrival points: 1 required

1104.3 Connected spaces: All spaces are required to be accessible and connected by an accessible route

1105 Accessible Entrances

1105.1 Public Entrances: At least 60% of all public entrances shall be accessible

1108 Special Occupancies

Table 1108.2.2.1 Accessible wheelchair spaces

Assembly area capacity = 263 5 spaces required

Table 1108.2.7.1 Receivers for assistive listening systems

Assembly area capacity = 264/25 = 10.56 = 11 receivers required

Assembly area capacity = 11/4 = 2.75 = 3 receivers to be hearing-aid compatible

1109 Other features and facilities

1109.2 Toilet and bathing facilities: One type of each fixture, element, control or dispenser shall be accessible

1109.2.1 Family or assisted-use toilet: Family or assisted-use toilet is required in A occupancy where > 6 WC are required

1109.2.2 Water closet compartment: One WC must be accessible. If WC + urinals > 6, provide one ambulatory access. WC

1109.2.3 Lavatories: At least 5%, but not less than one shall be accessible

1109.4 Kitchens and kitchenettes: Shall be accessible

(Chap. 12) Interior Environment

1202 Ventilation

1202.2 Ventilation required: The net free ventilating area shall be not less than 1/150 of the area of the space ventilated

Exception #1: 1/300 allowed when 50%-80% of venting area is 3' above eave vent

Exception #2: 1/300 allowed when Class I or II vapor barrier provided

Attic area = 13,245 sf /300 = 44.15 sf x 144 = 6,357.6 sq. inches required

Ridge Vent - Net Free Area = 33 sq. in./LF x 265' = 8,745 sq. inches

Soffit Vent - Net Free Area = 8.8 sq. in./LF x 484' = 4,259 sq. inches

Ventilation Provided = 13,004 sq. inches

(Chap. 29) Plumbing Systems

Table 2902.1 Minimum number of required plumbing fixtures

Occ. Type	Occ. Load	Water Closets		Lavatories		DF	Service Sink
		M	W	M	W		
A-3	M-432, W-432	432/150=2.88	432/75=5.76	432/200=2.16	432/200=2.16	864/1000=0.86	
	Total Req.	3	6	3	3	1	1
	Provided	4	6	3	5	2	1

NOTE: 4 UNISEX RESTROOMS PROVIDED, 1 ASSIGNED TO MALE, 3 ASSIGNED TO FEMALE FOR FIXTURE COUNT

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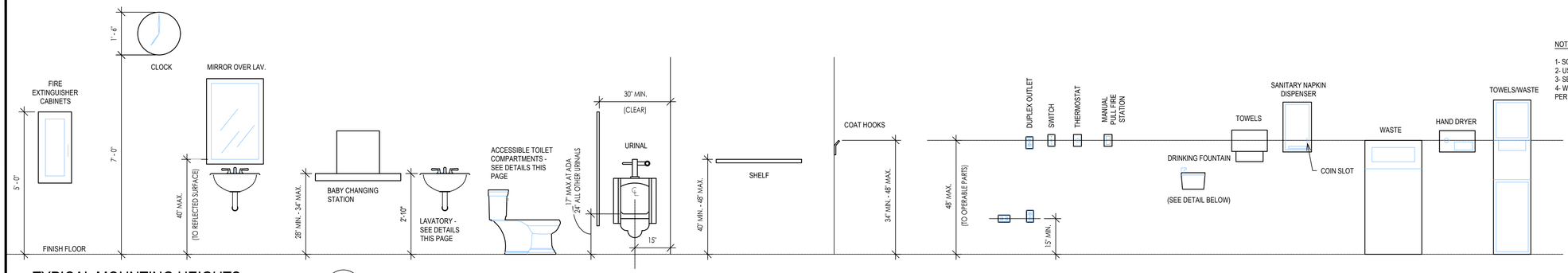
GHN Project Number: 24-078.00
Work Order No.: -
LDS Prop. No.: 5004685240201

Sheet Title: CODE ANALYSIS

July 24 2025

Sheet: G102

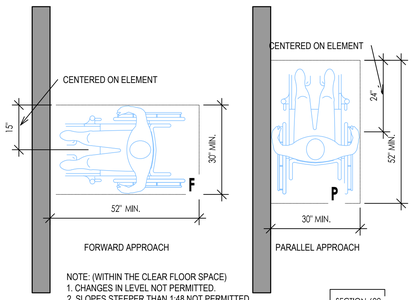
ACCESSIBLE COMMON SPACE REQUIREMENTS BASED ON ICC/ANSI A117.1-2017



NOTES:

1- SOME ITEMS MAY NOT BE USED IN CURRENT PROJECT.
2- USED FOR HEIGHTS ONLY.
3- SEE SPECIFICATIONS FOR TYPE OF ITEM REQUIRED.
4- WHEN MULTIPLE ITEMS ARE PROVIDED ONLY ONE ITEM PER ROOM NEEDS TO FOLLOW THESE ADA HEIGHTS.

TYPICAL MOUNTING HEIGHTS
A G103
1/2" = 1'-0"

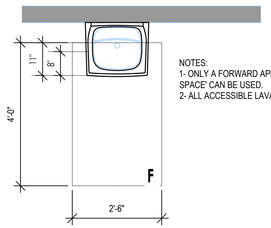


NOTE: (WITHIN THE CLEAR FLOOR SPACE)
1. CHANGES IN LEVEL NOT PERMITTED.
2. SLOPES STEEPER THAN 1:48 NOT PERMITTED.
3. CAN INCLUDE KNEE AND TOE CLEARANCE, U.N.O.
4. EITHER APPROACH CAN BE USED AT AN ELEMENT, U.N.O.
5. DOORS CAN SWING INTO CLEAR FLOOR SPACE, U.N.O.

SECTION 602

CLEAR FLOOR SPACE
B G103
1/2" = 1'-0"

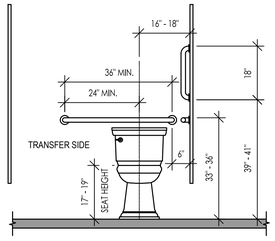
F = FORWARD APPROACH
P = PARALLEL APPROACH



NOTES:
1- ONLY A FORWARD APPROACH 'CLEAR FLOOR SPACE' CAN BE USED.
2- ALL ACCESSIBLE LAVATORIES MUST COMPLY.

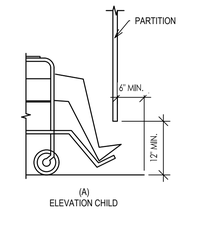
SECTION 606

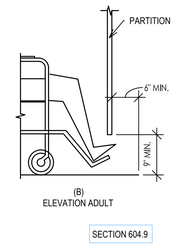
PUBLIC LAVATORY
C G103
1/2" = 1'-0"



SECTION 603 & 604.9

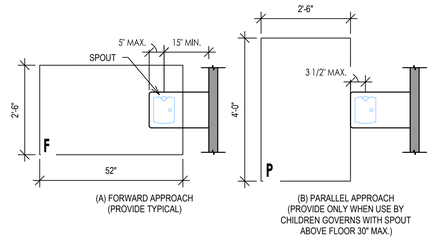
ACCESSIBLE STALLS
D G103
1/2" = 1'-0"





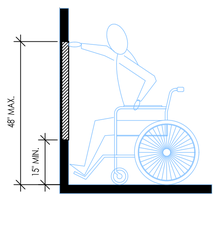
SECTION 604.9

TOILET STALL TOE CLEARANCE
E G103
3/4" = 1'-0"

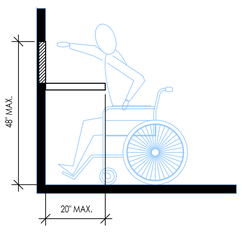


PUBLIC DRINKING FOUNTAIN
F G103
1/2" = 1'-0"

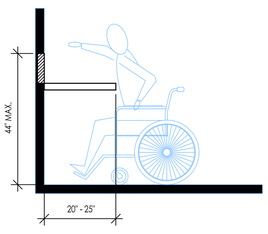
NOTES:
1- AREA REQUIRED FOR KNEE AND TOE CLEARANCE - 30" WIDE MIN.



A. UNOBSTRUCTED FORWARD REACH



B. OBSTRUCTED HIGH FORWARD REACH

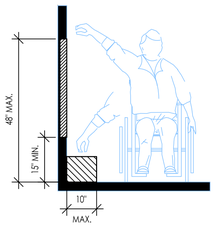


C. OBSTRUCTED HIGH FORWARD REACH

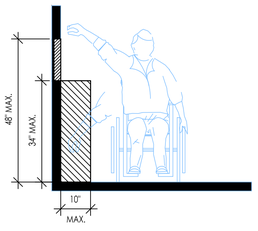
SECTION 308

REACH RANGES FOR FORWARD REACH
G G103
1/2" = 1'-0"

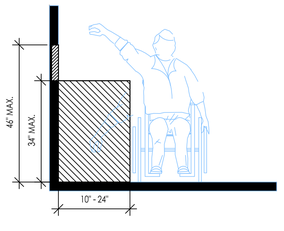
NOTES:
1- AREA REQUIRED FOR KNEE AND TOE CLEARANCE - 30" WIDE MIN.
2- IMAGES A-C REQUIRE A PARALLEL "CLEAR FLOOR SPACE".



A. UNOBSTRUCTED SIDE REACH



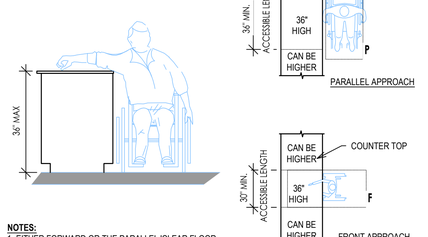
B. OBSTRUCTED SIDE REACH



C. OBSTRUCTED HIGH SIDE REACH

SECTION 308

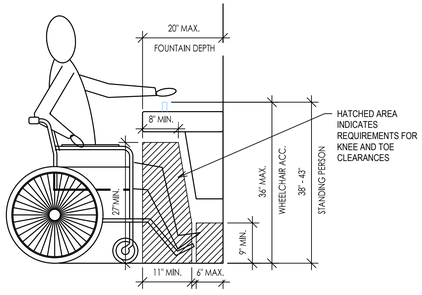
REACH RANGES FOR SIDE REACH
H G103
1/2" = 1'-0"



NOTES:
1- EITHER FORWARD OR THE PARALLEL 'CLEAR FLOOR SPACES' ARE ACCEPTABLE.

SECTION 904

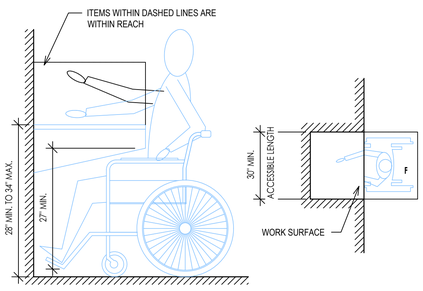
SERVICE COUNTER
J G103
1/2" = 1'-0"



NOTES:
1- AREA REQUIRED FOR KNEE AND TOE CLEARANCE - 30" WIDE MIN.
2- SEE SECTION 602.6 FOR SPECIFIC WATER FLOW.

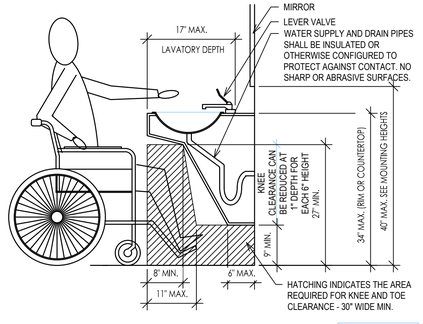
SECTION 602 & 306

PUBLIC DRINKING FOUNTAIN
K G103
3/4" = 1'-0"



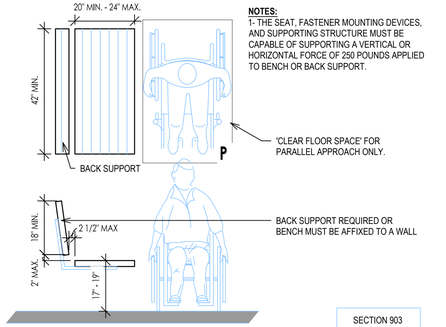
SECTION 902

WORK SURFACE
L G103
3/4" = 1'-0"



SECTION 306 & 606

PUBLIC LAVATORY
M G103
3/4" = 1'-0"



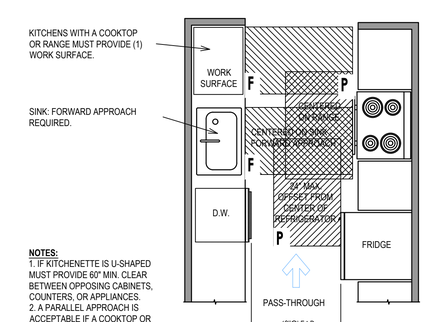
NOTES:
1- THE SEAT, FASTENER MOUNTING DEVICES, AND SUPPORTING STRUCTURE MUST BE CAPABLE OF SUPPORTING A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS APPLIED TO BENCH OR BACK SUPPORT.

'CLEAR FLOOR SPACE' FOR PARALLEL APPROACH ONLY.

BACK SUPPORT REQUIRED OR BENCH MUST BE AFFIXED TO A WALL

SECTION 903

ACCESSIBLE BENCHES
N G103
1/2" = 1'-0"



NOTES:
1. IF KITCHENETTE IS U-SHAPED MUST PROVIDE 60" MIN. CLEAR BETWEEN OPPOSING CABINETS, COUNTERS, OR APPLIANCES.
2. A PARALLEL APPROACH IS ACCEPTABLE IF A COOKTOP OR RANGE IS NOT PROVIDED.

SECTION 804

KITCHENETTE CLEARANCES
P G103
3/8" = 1'-0"

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

GHN
GASKIN HILL NORCROSS OF MISSOURI, INC.
300 South Jefferson Avenue, Suite 301, Springfield, MO 65806
417.869.0719
www.ghnmk.com

REGISTERED ARCHITECT
GHN
GASKIN HILL NORCROSS OF MISSOURI, INC.
Certificate of Authorization
C358
STATE OF ARKANSAS
7/24/2025

NEW MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MH ADDITION
SPRINGDALE AR STAKE

801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number:
24-078.00
Work Order No.:
-
LDS Prop. No.:
50046852402O1

Sheet Title:
ACCESSIBILITY DETAILS

July 24 2025

Sheet:
G103

LDS CHRCH BUILDING ADD.

801 w buchanan st. prairie grove, AR

GENERAL NOTES TO CONTRACTOR

1. DAMAGE DURING CONSTRUCTION TO ANY EXISTING STRUCTURES TO REMAIN SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE.
2. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
3. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION.
4. THE REMOVAL OF ALL EXISTING STRUCTURES MUST ADHERE TO ALL APPLICABLE STATE CODES
5. ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE CITY REQUIREMENTS. IN THE CASE OF CONFLICTS, THE CITY'S CRITERIA SHALL GOVERN.
6. CONTRACTOR TO ASSURE ALL FINISHED SLOPES BE 3:1 OR LESS UNLESS OTHERWISE INDICATED.
7. CONTRACTOR TO INSTALL EROSION CONTROL FENCING PRIOR TO BEGINNING ANY CONSTRUCTION. FENCING SHALL BE MAINTAINED + REPAIRED AS NECESSARY BY THE CONTRACTOR DURING CONSTRUCTION.



VICINITY MAP
N.T.S.
NORTH

BASIS OF BEARING:
GPS OBSERVATION - AR NORTH ZONE
NAD83(2011) HORIZONTAL DATUM

BASIS OF ELEVATION:
ON-SITE NETWORK GPS OBSERVATION
NAVD88 VERTICAL DATUM

LARGE SCALE DEVELOPMENT

REFERENCE DOCUMENTS:
1) FINAL PLAT OF PRAIRIE MEADOWS PHASE 1 FILED IN BOOK 17 AT PAGE 104
2) FINAL PLAT OF PRAIRIE MEADOWS PHASE 2 FILED IN BOOK 23A AT PAGE 121
3) REPLAT OF PART OF PRAIRIE MEADOWS PHASE 1 & 2 FILED IN BOOK 23 AT PAGE 255
4) PLAT OF SURVEY FILED IN BOOK 2011 AT PAGE 8877
5) AHTD RIGHT-OF-WAY MAP JOB NUMBER 9173
6) WARRANTY DEED FILED IN BOOK 2010 AT PAGE 9517
7) WARRANTY DEED FILED IN BOOK 2010 AT PAGE 8922
8) WARRANTY DEED FILED IN BOOK 2010 AT PAGE 25096
9) TITLE COMMITMENT FILE NO. 25-3437 AND ALL THE DOCUMENTS WITHIN

SURVEY DESCRIPTION:
LOTS 1, 2A, 2B, 2C AND 2D, PRAIRIE MEADOWS SUBDIVISION PHASE 1, TO THE CITY OF PRAIRIE GROVE, ARKANSAS, AS PER PLAT THEREOF FILED FOR RECORD IN PLAT BOOK 17 AT PAGE 104 AND REPLAT FILED FOR RECORD IN PLAT BOOK 23 AT PAGE 255 IN THE OFFICE OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF WASHINGTON COUNTY, ARKANSAS. SUBJECT TO EASEMENTS, RIGHT-OF-WAYS, AND PROTECTIVE COVENANTS OF RECORD, IF ANY. SUBJECT TO ALL PRIOR MINERAL RESERVATIONS AND OIL AND GAS LEASES.

FLOOD CERTIFICATION:
NO PORTION OF THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE "A" OR "AE" AS DETERMINED BY THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP FOR WASHINGTON COUNTY, ARKANSAS. (FIRM PANEL #05143C0330G. DATED 01/ 25/2024)

CONTACT INFORMATION

CITY
CITY OF PRAIRIE GROVE
P. O. BOX 944
PRAIRIE GROVE, AR 72753
PHONE: (479) 846-3038
FAX: (479) 846-5649

WATER/SEWER
PRAIRIE GROVE WATER DEPARTMENT
975 E. DOUGLAS
P.O. BOX 255
PRAIRIE GROVE, AR 72753
PHONE: (479) 846-2961
AFTER HOURS EMERGENCY:
(479) 267-1554

TELEPHONE
PRAIRIE GROVE TELEPHONE CO.
139 N. MOCK ST.
PRAIRIE GROVE, AR 72753
PHONE: (479) 846-7200

GAS
BLACK HILLS ENERGY
PHONE: (888) 890-5554

CABLE TV
COX COMMUNICATIONS
PHONE: (800) 822-4433

ELECTRIC
OZARKS ELECTRIC COOPERATIVE
MR. MIKE PHIPPS
PHONE: (479) 684-4696
AEP-SWEPCO
PHONE: (888) 216-3523

BUILDING SETBACKS PER MU-BI ZONING:

NON-RESIDENTIAL
FRONT 20FT
SIDE 05FT (INTERIOR)
SIDE 15FT (EXTERIOR)
REAR 10FT

BUILDING SETBACKS PER R-2 ZONING:

PUBLIC ASSEMBLY
FRONT 25FT
SIDE 25FT (INTERIOR)
SIDE 25FT (EXTERIOR)
REAR 25FT

LEGEND

PROPOSED	EXISTING	DESCRIPTION
AE		ACCESS EASEMENT
		ASPHALT
		BUILDING
		CANOPY
		CENTERLINE
		CONCRETE
1318	1320	CONTOURS (IDX)
1318	1320	CONTOURS (INT)
		CURB & GUTTER
DE		DRAINAGE EASEMENT
UE		EASEMENT (UTILITY)
UGE	UGE	ELECTRIC (UNDERGROUND)
OHE	OHE	ELECTRIC (OVERHEAD)
//	X	FENCE
	FO	FIBER OPTIC
		FIRE STRIPING
		FLOWLINE
FM	FM	FORCEMAIN
GAS	GAS	GAS MAIN
		GRAVEL
		GREENSPACE
LB		LANDSCAPE BUFER
		LIGHT
		POWER POLE
		PROPERTY LINE
		RETAINING WALL
		RIGHT OF WAY
		SANITARY SEWER MH
SSV	SSV	SERVICE - SEWER
WS	WS	SERVICE - WATER
	SS	SEWER
		SIDEWALK
		SIGN
SF		SILT FENCE
		STORM BOX
		STORM PIPE
		TRUNCATED DOME
	W	WATER
		WETLANDS

BUILDING SETBACKS PER MU-BI ZONING:

NON-RESIDENTIAL
FRONT 20FT
SIDE 05FT (INTERIOR)
SIDE 15FT (EXTERIOR)
REAR 10FT

BUILDING SETBACKS PER R-2 ZONING:

PUBLIC ASSEMBLY
FRONT 25FT
SIDE 25FT (INTERIOR)
SIDE 25FT (EXTERIOR)
REAR 25FT

PARKING REQUIREMENTS - CHURCHES
1/40 FT² OF SANCTUARY OR AUDITORIUM

EXISTING BUILDING - 10317 FT²
EXISTING STANDARD SPACES - 87 SPACES
EXISTING ADA PARKING - 6 SPACES
TOTAL EXISTING PARKING - 93 SPACES

BUILDING ADDITION AUDITORIUM/SANTUARY - 1106 FT²
PARKING SPACES REQUIRED - 27.65(28) SPACES
PARKING SPACES PROVIDED - 52 SPACES

TOTAL ADA SPACES REQUIRED
PARKING SPACES PROVIDED IN PARKING FACILITY - 139 SPACES
MINIMUM NUMBER OF SPACES REQUIRED - 6 ADA SPACES REQUIRED
TOTAL ADA SPACES PROVIDED - 6

TOTAL SPACES ON SITE - 145 SPACES

GREENSPACE CALCULATIONS
TOTAL AREA: 131257.26 FT² (3.01 AC±)
TOTAL GREENSPACE: 40273.04 (.92 AC±)
TOAL IMPERVIOUS AREA: 90984.22 (2.08 AC±)

CALL BEFORE YOU DIG! ARKANSAS ONE CALL 1-800-482-8998

CERTIFICATE OF SURVEY ACCURACY

I,_____. HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE BY ME AND ALL MONUMENTS SHOWN HEREON ACTUALLY EXIST AND THEIR LOCATION, SIZE, TYPE AND MATERIAL ARE SHOWN CORRECTLY.

DATE OF EXECUTION: _____

_____
REGISTERED LAND SURVEYOR

STATE OF ARKANSAS REGISTRATION NO.:_____

OWNERSHIP OF DOCUMENTS

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICES, IS THE PROPERTY OF BATES + ASSOCIATES, INC., AND IS NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF BATES + ASSOCIATES, INC.

SAFETY NOTICE TO CONTRACTOR

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, OR NEAR THE CONSTRUCTION SITE.

CERTIFICATE OF ENGINEERING ACCURACY

I,_____. HEREBY CERTIFY THAT THIS PLAN CORRECTLY REPRESENTS A PLAN MADE UNDER MY DIRECTION AND COMPLIES WITH THE ENGINEERING REQUIREMENTS SET FORTH IN THE PEA RIDGE SUBDIVISION REGULATIONS.
DATE OF EXECUTION:

_____
REGISTERED ENGINEER

STATE OF ARKANSAS REGISTRATION NO.:_____

CERTIFICATE OF PRELIMINARY PLAT APPROVAL

THIS PLAT HAS BEEN GIVEN PRELIMINARY PLAT APPROVAL ONLY AND HAS NOT BEEN APPROVED FOR THE RECORDING AS A PUBLIC RECORD. THIS CERTIFICATE SHALL EXPIRE ON _____(DATE)
DATE OF EXECUTION: _____

_____
CHAIRMAN, PEA RIDGE PLANNING COMMISSION

ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE DRAWINGS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS AND WE ASSUME NO RESPONSIBILITY AS TO THE ACCURACY OF THEIR DEPICTED LOCATION ON THESE DRAWINGS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN, AND ALL OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS BY VERIFICATION OF THEIR LOCATION IN THE FIELD PRIOR TO THE INITIATION OF THE ACTUAL PORTION OF THEIR WORK.

INDEX OF DRAWINGS

C01	COVER SHEET
SU01	BOUNDARY SURVEY + DEMO
SP01	SITE PLAN
GP01-GP02	EROSION CONTROL PLAN & GRADING PLAN
LP01	LANDSCAPE PLAN
DT01-DT02	SITE DETAILS

PARCEL NUMBER: #805-20436-000, #805-20437-000 #805-20437-001, #805-20437-002 & #805-20437-003

PROJECT SITE ADDRESS: 801 W BUCHANAN ST. PRAIRIE GROVE, AR

ZONING CLASSIFICATION: MU B-1/R-2

PROPOSED USE: CHURCH

TOTAL SITE AREA: 3.07 ACRES

OWNER/DEVELOPER: **CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS**
50 E NORTH TEMPLE ST FL 22
SALT LAKE CITY, UT 84150
PHONE: (385) 315-0555

ENGINEER/SURVEYOR: BATES & ASSOCIATES, INC.
7230 S. PLEASANT RIDGE DR.
FAYETTEVILLE, AR 72703
PHONE: (479) 442-9350
FAX: (479) 521-9350

ENGINEER: GB
DRAWN BY: MW

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
07-16-2025
CERTIFICATE OF AUTHORIZATION
BATES & ASSOCIATES, INC.
#335
ARKANSAS ENGINEER

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REVISIONS

DATE	
06/17/25	1st Submittal
07/16/25	STAIR AND SIDEWALK UPDATE

LDS CHURCH BUILDING ADD.
LARGE SCALE DEVELOPMENT
COVER SHEET
PRAIRIE GROVE, ARKANSAS

BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesnwa.com

PROJECT NO. 25-086

DRAWING NO. C01



1. PARCEL #805-20115-021
NUDAWN INC
PO BOW 1689
FARMINGTON AR 72730
ZONE:

2. PARCEL #805-20115-011
PRAIRIE GROVE SCHOOL DISTRICT
110 SCHOOL ST
PRAIRIE GROVE, AR 72753
ZONE:

3. PARCEL 805-20439-000
BANK OF FAYETTEVILLE
PO BOX 1728
FAYETTEVILLE AR 72702-1728
ZONE:

4. PARCEL #805-20438-002
COX HOLDINGS 2 LLC
17973 N SKYLIGHT MOUNTAIN RD.
CANEHILL AR 72717-9583
ZONE:

5. PARCEL #805-20610-001
EQUITY INVESTMENTS HOLDINGS L
PO BOX 1920
FARMINGTON AR 72730
ZONE:

6. PARCEL #805-20613-000
GROVE VENTURES LLC.
4719 BUTTERFIELD COACH RD.
SPRINGDALE AR 72764
ZONE:

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE	TANGENT
C1	25.00'	39.27'	35.36'	S 65°57'52" E	90°00'24"	25.00'
C2	25.00'	39.15'	35.27'	S 22°00'50" W	89°42'50"	24.88'

BASIS OF BEARING:
GPS OBSERVATION - AR NORTH ZONE
NAD83(2011) HORIZONTAL DATUM

BASIS OF ELEVATION:
ON-SITE NETWORK GPS OBSERVATION
NAVD88 VERTICAL DATUM

REFERENCE DOCUMENTS:
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7) WARRANTY DEED FILED IN BOOK 2010 AT PAGE 8922
8) WARRANTY DEED FILED IN BOOK 2010 AT PAGE 25096
9) TITLE COMMITMENT FILE NO. 25-3437 AND ALL THE DOCUMENTS WITHIN

PROPERTY ZONED:
MU-B1 (PARCEL #805-20436-000)
R-2 (PARCELS #805-20437-000, #805-20437-001, #805-20437-002 & #805-20437-003)

BUILDING SETBACKS PER MU-BI ZONING:

NON-RESIDENTIAL	
FRONT	20FT
SIDE	05FT (INTERIOR)
SIDE	15FT (EXTERIOR)
REAR	10FT

BUILDING SETBACKS PER R-2 ZONING:

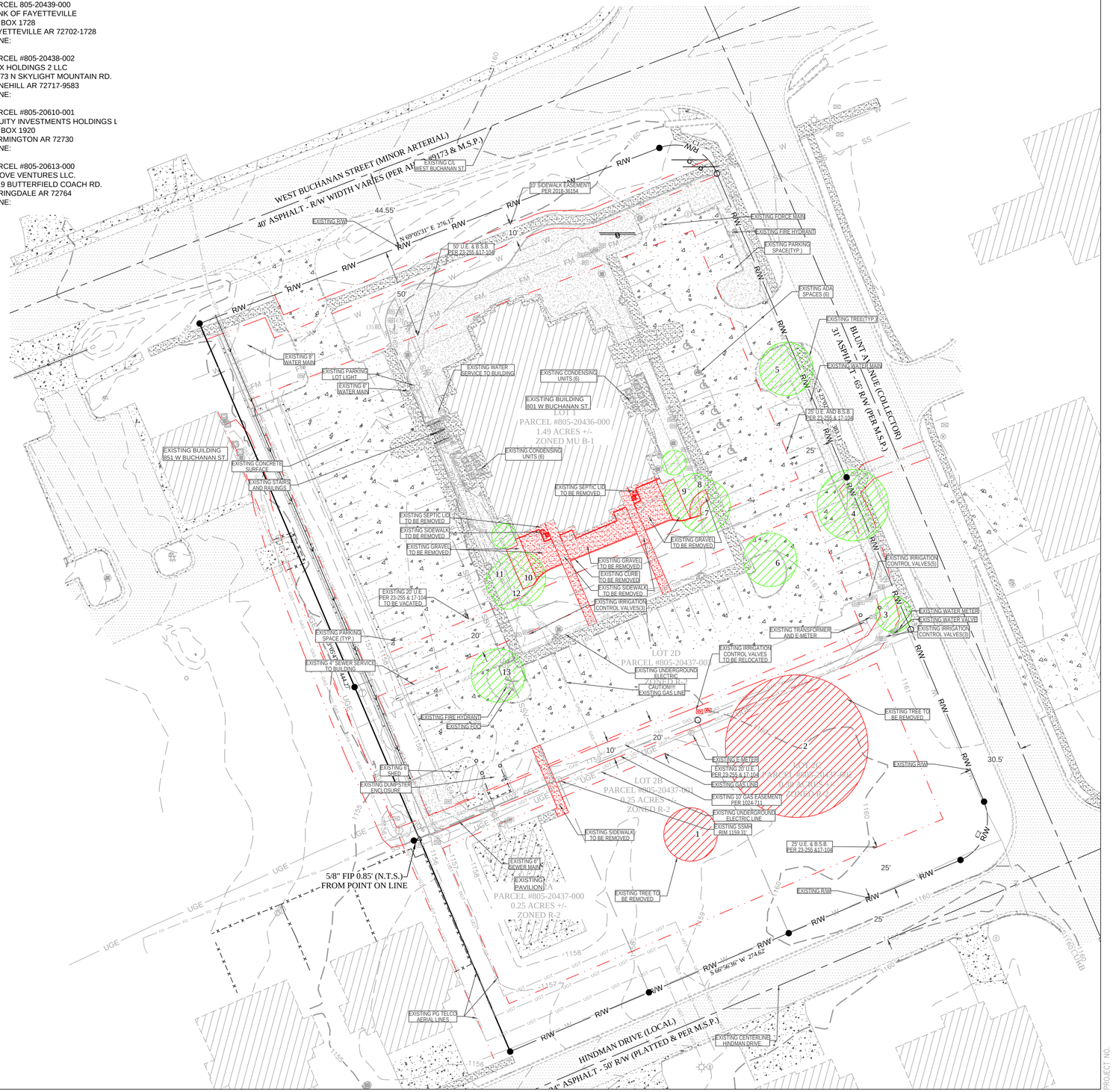
PUBLIC ASSEMBLY	
FRONT	25FT
SIDE	25FT (INTERIOR)
SIDE	25FT (EXTERIOR)
REAR	25FT

TREE LIST:

1) 12" LOCUST	- 30' CANOPY
2) 28" ELM	- 80' CANOPY
3) 5" OAK	- 20' CANOPY
4) 12" OAK	- 40' CANOPY
5) 8" OAK	- 30' CANOPY
6) 10" OAK	- 30' CANOPY
7) 4" TRIPLE MAPLE	- 30' CANOPY
8) 4" DOUBLE MAPLE	- 20' CANOPY
9) 4" MAPLE CLUSTER	- 20' CANOPY
10) 5" MAPLE CLUSTER	- 30' CANOPY
11) 4" MAPLE CLUSTER	- 20' CANOPY
12) 3" MAPLE CLUSTER	- 15' CANOPY
13) 10" OAK	- 30' CANOPY

SURVEY DESCRIPTION:
LOTS 1, 2A, 2B, 2C AND 2D, PRAIRIE MEADOWS SUBDIVISION PHASE 1, TO THE CITY OF PRAIRIE GROVE, ARKANSAS, AS PER PLAT THEREOF FILED FOR RECORD IN PLAT BOOK 17 AT PAGE 104 AND REPLAT FILED FOR RECORD IN PLAT BOOK 23 AT PAGE 255 IN THE OFFICE OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF WASHINGTON COUNTY, ARKANSAS. SUBJECT TO EASEMENTS, RIGHT-OF-WAYS, AND PROTECTIVE COVENANTS OF RECORD, IF ANY. SUBJECT TO ALL PRIOR MINERAL RESERVATIONS AND OIL AND GAS LEASES.

FLOOD CERTIFICATION:
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(FIRM PANEL #05143C0330G. DATED 01/ 25/2024)



CALL BEFORE YOU DIG! ARKANSAS ONE CALL 1-800-482-8998

ENGINEER: GB
DRAWN BY: MW

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
07-16-2025

CERTIFICATE OF AUTHORIZATION
BATES & ASSOCIATES, INC.
#335
ARKANSAS ENGINEER

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REVISIONS

	DATE
1st Submittal	06/17/25
STAIR AND SIDEWALK UPDATE	07/16/25

LDS CHURCH BUILDING ADD.
LARGE SCALE DEVELOPMENT

BOUNDARY & SURVEY

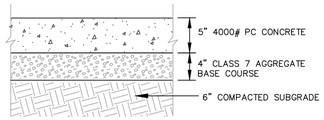
PRAIRIE GROVE, ARKANSAS

B A T E S
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesnwa.com

PROJECT NO. 25-086

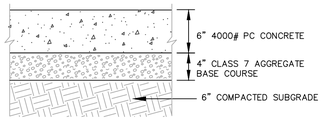
DRAWING NO. SU01

LIGHT DUTY CONCRETE

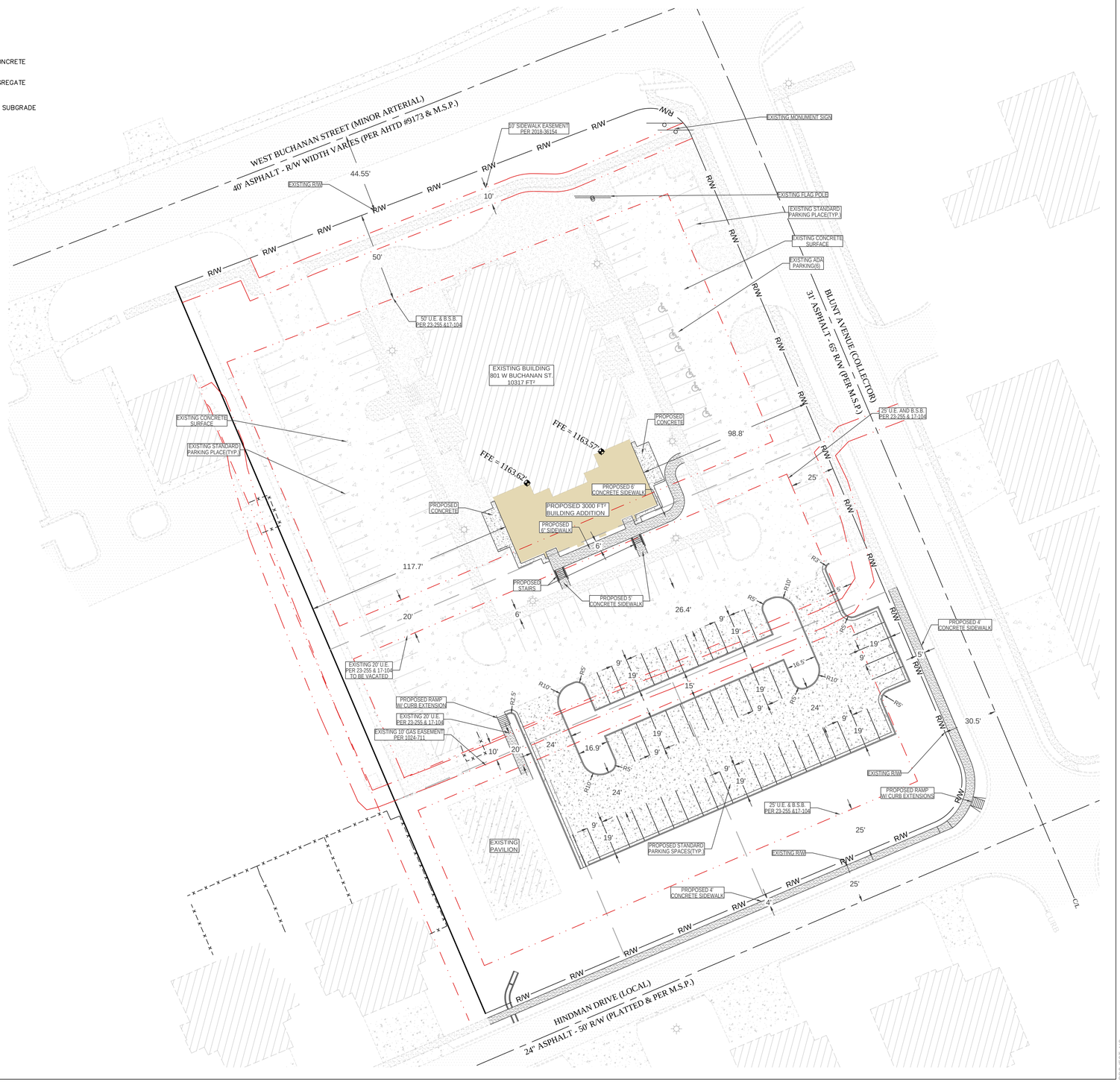


PARKING SPACES

HEAVY DUTY CONCRETE



DRIVING LANES



CALL BEFORE YOU DIG! ARKANSAS ONE CALL 1-800-482-8998

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
07-16-2025

CERTIFICATE OF AUTHORIZATION
BATES & ASSOCIATES, INC.
#335
ARKANSAS ENGINEER

ENGINEER: GB
DRAWN BY: MW

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REVISIONS

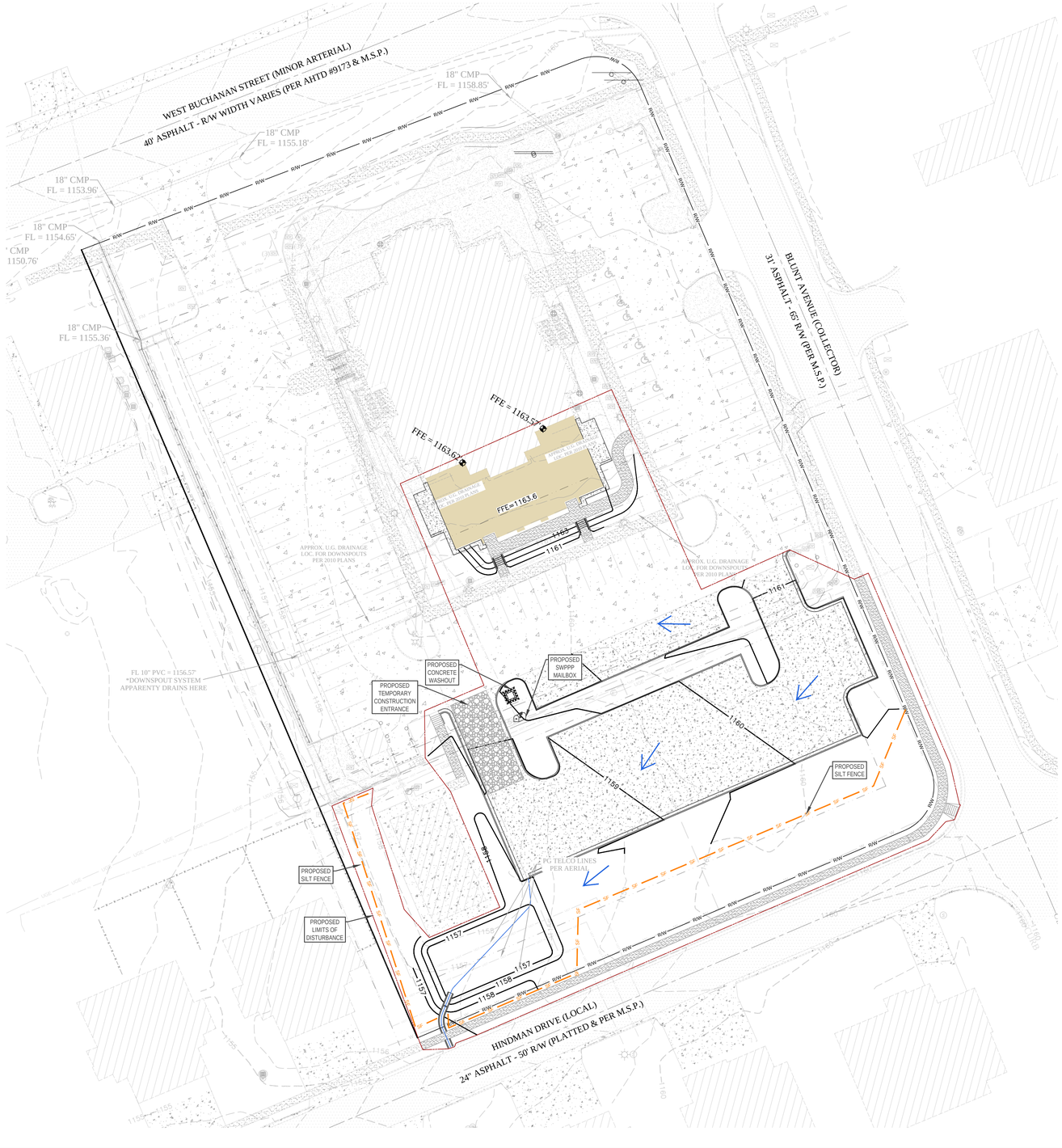
	DATE
1st Submittal	06/17/25
STAR AND SIDEWALK UPDATE	07/16/25

LDS CHURCH BUILDING ADD.
LARGE SCALE DEVELOPMENT
SITE PLAN
PRAIRIE GROVE, ARKANSAS

BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesnwa.com

PROJECT NO. 25-086

DRAWING NO.
SP01



EROSION CONROL

- SILT FENCE
- LIMITS OF DISTURBANCE
- CONSTRUCTION ENTRANCE
- SWPPP BOX
- CONCRETE WASHOUT
- FLOW ARROW

ADA NOTES:

1. CONTACT CITY INSPECTOR AND REQUEST An INSPECTION PRIOR TOP POURING ANY ADA ACCESSIBLE PARKING/LOADING STALL.
2. MAXIMUM SLOPE FOR ADA SPACE AND SIDEWALKS CROSSING DRIVE IS 2%
3. INLET TOPS SHALL MEET ADA REGULATIONS. IF NOT, TOP SHALL BE REPLACED AT OWNER'S EXPENSE.

REVEGETATION NOTES:

1. TOP SOIL.
   TOP SOIL SHALL BE STOCKPILED AND PROTECTED FOR LATER USE ON AREAS REQUIRING LANDSCAPING. IF TOP SOIL OR OTHER SOIL IS TO BE STOCKPILED FOR MORE THAN 21 DAYS REVEGITATION SHALL COMPLY WITH ADEQ REGULATIONS.
2. EXISTING VEGETATION.
   EVERY MEANS SHALL BE TAKEN TO CONSERVE AND PROTECT EXISTING VEGETATION.
3. REVEGETATION.
   REVEGITATION SHALL BE A MINIMUM OF SEEDING AND MULCHING. SAID SEEDING SHALL PROVIDE COMPLETE AND UNIFORM COVERAGE THAT MINIMIZES EROSION AND RUNOFF IN NO MORE THAN TWO GROWING SEASONS.

CONSTRUCTION NOTES:

1. GRADING PERMIT TO BE POSTED ON-SITE AT ALL TIMES DURING CONSTRUCTION.
2. ALL AREAS UNDER BUILDINGS AND PAVED AREAS SHALL BE STRIPPED OF TOPSOIL. THE RESULTING SUB GRADE SHALL BE THOROUGHLY COMPACTED. ANY SOFT OR YIELDING AREAS SHALL BE STABILIZED OR REMOVED AND REPLACED WITH SUITABLE MATERIAL.
3. FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. ALL FILL SHALL BE MADE IN LIFTS NOT EXCEEDING 8" THICKNESS WITH EACH LIFT COMPACTED TO 95% STANDARD PROCTOR DENSITY. FILL SLOPES SHALL NOT BE STEEPER THAN 3:1 SLOPE.
4. ALL GRADED AREAS SHALL HAVE 4" OF TOPSOIL, SOD, EROSION FABRIC, HERBACEOUS GROUND COVER, AND/OR HYDROSEEDED WITH A WARM SEASON GRASS. REVEGETATION SHALL BE IMMEDIATELY AFTER THE PHYSICAL ALTERATION OF THE LAND IS COMPLETE (MAXIMUM OF 15 DAYS).
5. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY GRADING REGULATIONS. SILT FENCES, BERMS, DETENTION PONDS, OR OTHER MEANS NEEDED TO MEET THE CITY GRADING REQUIREMENTS SHALL BE PROVIDED AS REQUIRED TO MEET THESE REGULATIONS.
6. ALL HEAVILY TRAVELED DIRT AREAS SHALL BE WETTED TO PREVENT EXCESSIVE DUST, DURING CONSTRUCTION.
7. ALL MUD/DIRT LEFT ON PUBLIC STREETS OR ADJACENT PROPERTIES AS A RESULT OF THIS CONSTRUCTION SHALL BE SHOVELED OR SWEPT AWAY UNTIL IT IS COMPLETELY REMOVED BY THE CONTRACTOR.

SEDIMENT & EROSION CONTROL NOTES:

1. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FROM A.D.E.Q. AND CITY OF PRAIRIE GROVE REGARDING RUNOFF, EROSION CONTROL, AND GRADING BEFORE BEGINNING CONSTRUCTION.
2. ALL EROSION & SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED PER ORDINANCE & IN ACCORDANCE WITH THE CITY OF THE PRAIRIE GROVE DRAINAGE MANUAL.
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CALL BEFORE YOU DIG! ARKANSAS ONE CALL 1-800-482-8998

ENGINEER: GB

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
07-16-2025

CERTIFICATE OF AUTHORIZATION
BATES & ASSOCIATES, INC.
#335
ARKANSAS ENGINEER

DRAWN BY: MW

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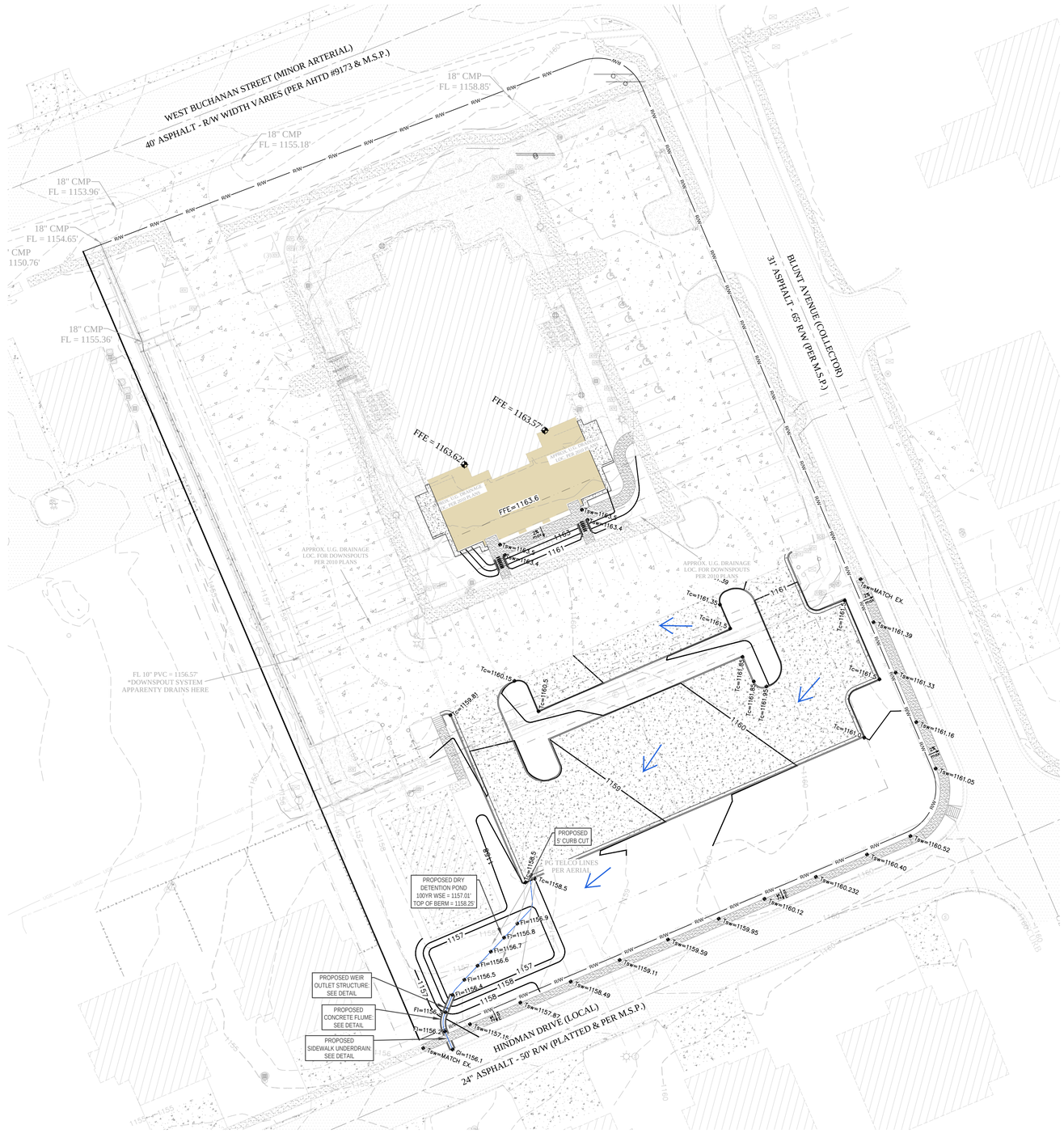
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LDS CHURCH BUILDING ADD.
LARGE SCALE DEVELOPMENT
EROSION CONTROL PLAN
PRAIRIE GROVE, ARKANSAS

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PROJECT NO. 25-086

DRAWING NO. GP01



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LARGE SCALE DEVELOPMENT

GRADING PLAN

PRAIRIE GROVE, ARKANSAS

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PROJECT NO. 25-086

DRAWING NO. GP02

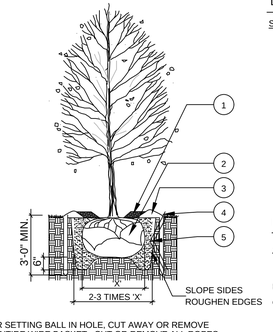
PARKING LOT LANDSCAPING GENERAL PROVISIONS

(1) LANDSCAPING SHALL NOT BLOCK MOTORIST OR PEDESTRIAN VIEW.
(2) THE LANDSCAPE DESIGN OF PARKING AREAS MAY VARY BASED ON THE QUALITIES AND LAYOUT RESTRICTIONS OF THE PROPERTY TO BE DEVELOPED.
(3) LANDSCAPING MAY BE ADDED TO THE INACCESSIBLE, UNUSABLE CORNERS OF PARKING LOTS. EXISTING TREES MAY BE PRESERVED IN THESE AREAS
(4) MINIMUM SIZE OF SHADE TREES AND ORNAMENTAL TREES AT PLANTING SHALL BE:
SHADE TREE: 2.5" DIAMETER @ 4.5 FEET ABOVE GROUND
ORNAMENTAL TREE: 1.5" DIAMETER @ 4.5 FEET ABOVE GROUND
(5) PARKING ISLANDS SHALL BE INCORPORATED INTO NEW PARKING LOTS OR EXPANDED EXISTING PARKING LOTS IN ANY ZONE IN WHICH THERE WILL BE SIXTY (60) SPACES, OR MORE, OR IN PARKING LOTS WITH FEWER THAN SIXTY (60) SPACES, WHEN THE PLANNING COMMISSION DEEMS THEM NECESSARY FOR IMPROVED CONTROL AND SAFETY OF PEDESTRIANS AND MOTORISTS.
(6) EACH ISLAND SHALL BE LANDSCAPED WITH A MINIMUM OF ONE HARDY SHADE TREE OR ORNAMENTAL TREE, OR LOW-MAINTENANCE SHRUBS UNLESS WAIVED BY PLANNING COMMISSION DUE TO SAFETY PURPOSES.
(7) MULCH, TURF GRASS AND/OR EVERGREEN GROUNDCOVER SHALL BE USED IN EACH ISLAND.
(8) WHEN PLANNING COMMISSION WAIVES TREE/SHRUB REQUIREMENT DUE TO SAFETY CONSIDERATIONS, PARKING ISLAND SHALL BE LANDSCAPED WITH TURF GRASS, LOW ORNAMENTAL GRASS, GROUNDCOVER, MULCH, OR A COMBINATION OF THESE.

PARKING LOT LANDSCAPING

QTY	SYM	COMMON NAME/ BOTANICAL NAME	ROOT	MIN.SIZE	MIN.HT.	TYPE
3	RM	Red Maple Acer rubrum "October Glory"	B&B	2.5" DIA @ 4.5' AG	8'–10'	SHADE
2	SM	Sugar Mable Acer saccharum "Green Mountain"	B&B	2.5" DIA @ 4.5' AG	8'–10'	SHADE

GREENSPACE CALCULATIONS
TOTAL AREA: 131257.26 FT² (3.01 AC±)
TOTAL GREENSPACE: 40273.04 (.92 AC±)
TOAL IMPERVIOUS AREA: 90984.22 (2.08 AC±)



DECIDUOUS TREE PLANTING LEGEND

SYMBOL	DESCRIPTION
1	4" ORGANIC MULCH. 3"-4" AWAY FROM TRUNK
2	REMOVE BALL WRAP FROM TOP 1/3 OF BALL
3	ROOTBALL - ROOT COLLAR SHALL BE VISIBLE; REMOVE EXCESS SOIL FROM TOP OF BALL 1" TO 2" ABOVE FINISHED GRADE TO ALLOW FOR SETTLING.
4	TREE SAUCER (4" EARTHEN BERM AT EDGE OF DRIP LINE)
5	EXCAVATE AND REPLACE EXISTING SOIL. ADD SOIL AMENDMENTS AS NECESSARY, AS DIRECTED BY PROJECT MANAGER. WATER THOROUGHLY TO ELIMINATE AIR POCKETS. DO NOT TAMP.

PLANTING NOTES

A. RETAIN NATURAL SHAPE. DO NOT SHEAR OR CUT CENTRAL LEADER. TREES WITH CENTRAL LEADERS ARE NOT ACCEPTED IF LEADER IS DAMAGED OR REMOVED.
B. PRUNE DAMAGED TWIGS OR DOUBLE LIMBS AFTER PLANTING
C. WRAP TREES TO FIRST BRANCH IF PLANTED IN FALL. DO NOT WRAP IF PLANTED IN SPRING.
D. PLACE TREE BALL ON FIRM UNDISTURBED SOIL.
E. REMOVE ANY TWINE, ROPE, FLAGGING, WRAPPING OR GUARDS FROM THE TREE.
F. AFTER SETTING BALL IN HOLE, CUT AWAY OR REMOVE THE ENTIRE WIRE BASKET. CUT OR REMOVE ALL ROPES OR TWINE FROM THE ROOT BALL. CUT AWAY OR REMOVE BURLAP. IF ROOTBALL BEGINS FALLING APART DURING INSTALLATION OR WHILE REMOVING THE WIRE BASKET, CUT AWAY ONLY 1/2 OF THE BURLAP.

TREE PLANTING DETAIL
N.T.S.



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N
0 30 60

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
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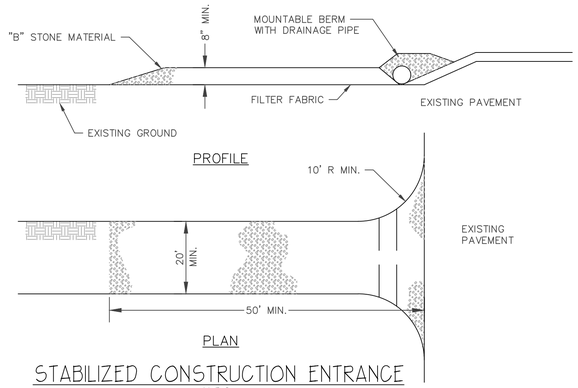
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LARGE SCALE DEVELOPMENT
LANDSCAPE PLAN
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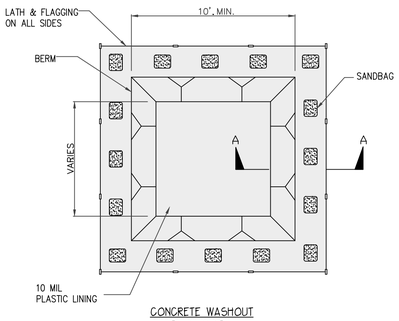
PROJECT NO. 25-086

DRAWING NO. LP01

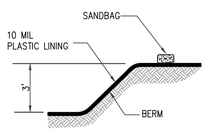


STABILIZED CONSTRUCTION ENTRANCE

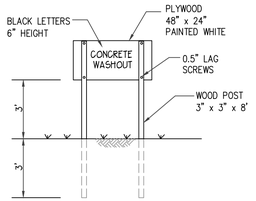
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CONCRETE WASHOUT
TYPE "BELOW GRADE"



SECTION A-A



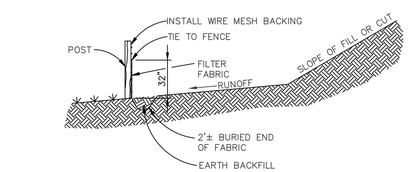
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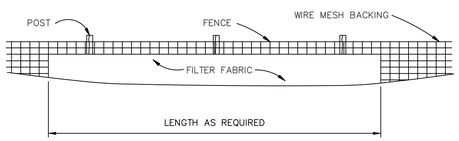
NOTES

1. NO WASHING OUT OF CONCRETE TRUCKS OR WASHING OF SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS IS ALLOWED.
2. EXCESS CONCRETE IS NOT ALLOWED TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED TEMPORARY CONCRETE WASHOUT PIT AREAS.
3. ON-SITE TEMPORARY CONCRETE WASHOUT AREAS WILL BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES AS DETERMINED IN THE FIELD.
4. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
5. TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
6. WASHOUT FACILITIES WILL BE CLEANED OUT ONCE THE WASHOUT IS 75% FULL.
7. PLASTIC LINING MATERIAL WILL BE MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS.
8. WHEN WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE WILL BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE REMOVED FROM THE SITE AND DISPOSED OF.

CONCRETE WASTE MANAGEMENT DETAIL

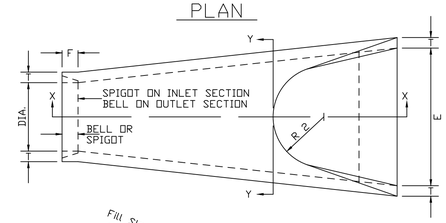
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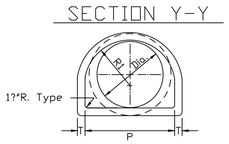




FILTER FABRIC BARRIER (SILT FENCE)

N.T.S.





GENERAL NOTES

1. End sections shall conform to standard strength reinforced concrete pipe of like diameter as per Standard Specifications.
2. Joint between end section & pipe culvert to be made by reinforced concrete collar or cold adhesive preformed plastic casket.
3. End sections to be used only when specified on the plans or at locations as directed by the Engineer.
4. Toe wall to be constructed when shown on the plans or designated by the Engineer.

DIA.	T	BELL Or SPIGOT	A	B	C	D	E	P	R 1	R 2	F	H	WEIGHT (LBS.)
15"	2'7"	2"	6"	2'-3"	3'-10"	6'-1"	2'-6"	24'7"	12'7"	11"	3'1"	12"	740
18"	2'7"	2'1"	9"	2'-3"	3'-10"	6'-1"	3'-0"	29"	15'1"	12"	4"	15"	990
24"	3"	2'1"	9'1"	3'-7'1"	2'-6"	6'-1'1"	4'-0"	33'1"	16'1"	14"	4'1"	18"	1520
30"	3'1"	3"	1'-0"	4'-6"	1'-7'1"	6'-1'1"	5'-0"	37"	18'1"	15"	5"	21"	2190
36"	4"	3'1"	1'-3"	5'-3"	2'-10'1"	8'-1'1"	6'-0"	47'1"	24'1"	20"	5'1"	21"	4100
42"	4'1"	3'1"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	53'1"	27'1"	22"	5'1"	24"	5380
48"	5"	4'1"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	56'1"	28'1"	22"	5'1"	24"	6550
54"	5'1"	4'1"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	65'1"	33'1"	24"	6'1"	24"	8040
60"	6"	5"	2'-6"	5'-0"	3'-3"	8'-3"	8'-0"	73'1"	36'1"	24"	6'1"	24"	8750
66"	6'1"	5'1"	2'-0"	6'-6"	1'-9"	8'-3"	8'-6"	72"	36'1"	24"	7'1"	24"	10630
72"	7"	6"	2'-0"	6'-6"	1'-9"	8'-3"	9'-0"	77'1"	38'1"	24"	7'1"	24"	12520

FLARED END SECTION (FES) DETAIL

NOTES:

ALL SIDEWALK SHALL BE CONSTRUCTED OF PORTLAND CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,500 PSI WHEN TESTED. ALL CONCRETE SHALL CONTAIN AN AIR ENTRAINING AGENT WHICH PRODUCES FIVE PERCENT PLUS OR MINUS TWO PERCENT AIR ENTRAINMENT IN THE CONCRETE.

EXPANSION JOINTS SHALL BE PROVIDED AT 25 FOOT INTERVALS, AT ALL STATIONARY STRUCTURES SUCH AS DROP INLETS, AND AT CURB RETURNS. JOINT MATERIAL SHALL HAVE A THICKNESS OF ONE-HALF INCH AND CONFORM TO AASHTO M 213 STANDARDS.

SIDEWALKS MUST HAVE CONTRACTION JOINTS SAWED EVERY 5 FEET ON CENTER, AND SHALL BE SAWED TO A DEPTH OF 1½" WITH A WIDTH OF ¼". MATERIAL USED TO SEAL JOINTS SHALL BE AS SPECIFIED IN SECTION 501 ARDOT STANDARD SPECIFICATIONS OR AS APPROVED BY THE ENGINEER. (OMNISEAL 50 OR EQUAL.).

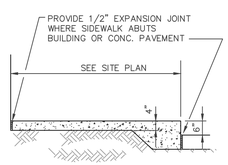
ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY REQUIREMENTS. IN THE CASE OF CONFLICTS, THE CITY'S CRITERIA SHALL GOVERN.

CROSS SLOPE SHALL NOT EXCEED 2% MAXIMUM

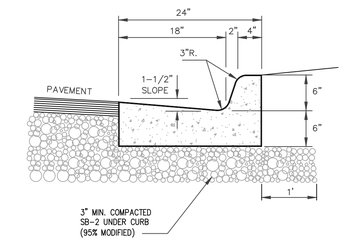
RAMPS SHALL NOT EXCEED A SLOPE OF 12:1

MINIMUM THICKNESS OF RAMP AND WALK SHALL BE 4"

RAMPS SHALL MEET AMERICANS WITH DISIBILITIES ACT (4.7.7)



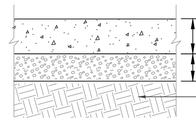
TYP. SIDEWALK SECTION



TYPICAL CURB SECTION

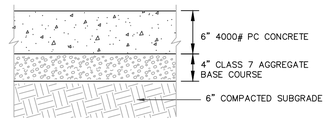
N.T.S.

LIGHT DUTY CONCRETE



PARKING SPACES

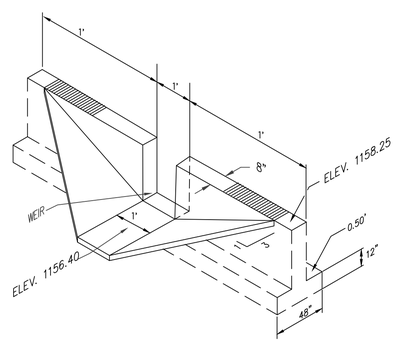
HEAVY DUTY CONCRETE



DRIVING LANES

ALL FLUMES SHALL BE CONSTRUCTED OF PORTLAND CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,500 PSI WHEN TESTED. ALL CONCRETE SHALL CONTAIN AN AIR ENTRAINING AGENT WHICH PRODUCES FIVE PERCENT PLUS OR MINUS TWO PERCENT AIR ENTRAINMENT IN THE CONCRETE.

ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY REQUIREMENTS. IN THE CASE OF CONFLICTS, THE CITY'S CRITERIA SHALL GOVERN.



WEIR OUTLET STRUCTURE

N.T.S.

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
07-16-2025
CERTIFICATE OF AUTHORIZATION
BATES & ASSOCIATES, INC.
#335
ARKANSAS ENGINEER
ENGINEER: GB
DRAWN BY: MW

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REVISIONS

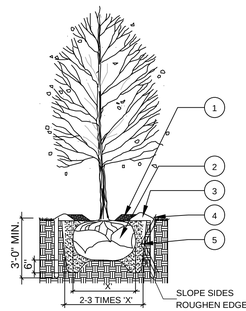
DATE	
06/17/25	1st Submittal
07/16/25	STAIR AND SIDEWALK UPDATE

LDS CHURCH BUILDING ADD.
LARGE SCALE DEVELOPMENT
DETAILS
PRAIRIE GROVE, ARKANSAS

BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesnwa.com

PROJECT NO. 25-086

DRAWING NO. DT01



DECIDUOUS TREE PLANTING LEGEND

SYMBOL	DESCRIPTION
1	4" ORGANIC MULCH. 3"-4" AWAY FROM TRUNK
2	REMOVE BALL WRAP FROM TOP 1/3 OF BALL
3	ROOTBALL - ROOT COLLAR SHALL BE VISIBLE; REMOVE EXCESS SOIL FROM TOP OF BALL 1" TO 2" ABOVE FINISHED GRADE TO ALLOW FOR SETTLING.
4	TREE SAUCER (4" EARTHEN BERM AT EDGE OF DRIP LINE)
5	EXCAVATE AND REPLACE EXISTING SOIL. ADD SOIL AMENDMENTS AS NECESSARY, AS DIRECTED BY PROJECT MANAGER. WATER THOROUGHLY TO ELIMINATE AIR POCKETS. DO NOT TAMP.

PLANTING NOTES

A. RETAIN NATURAL SHAPE. DO NOT SHEAR OR CUT CENTRAL LEADER. TREES WITH CENTRAL LEADERS ARE NOT ACCEPTED IF LEADER IS DAMAGED OR REMOVED.

B. PRUNE DAMAGED TWIGS OR DOUBLE LIMBS AFTER PLANTING

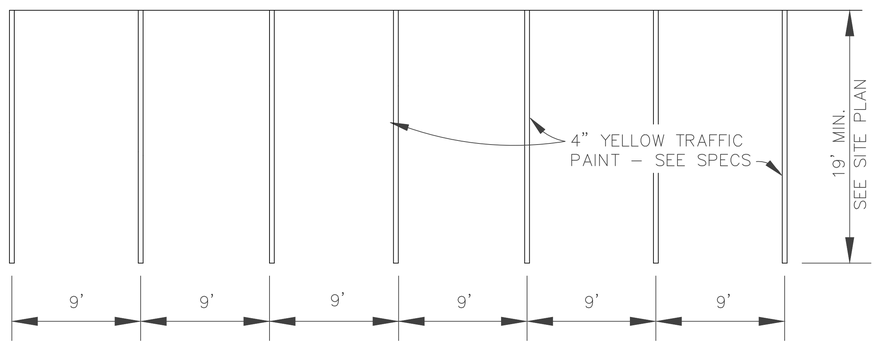
C. WRAP TREES TO FIRST BRANCH IF PLANTED IN FALL. DO NOT WRAP IF PLANTED IN SPRING.

D. PLACE TREE BALL ON FIRM UNDISTURBED SOIL.

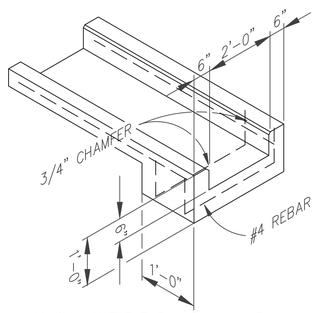
E. REMOVE ANY TWINE, ROPE, FLAGGING, WRAPPING OR GUARDS FROM THE TREE.

F. AFTER SETTING BALL IN HOLE, CUT AWAY OR REMOVE THE ENTIRE WIRE BASKET. CUT OR REMOVE ALL ROPES OR TWINE FROM THE ROOT BALL. CUT AWAY OR REMOVE BURLAP. IF ROOTBALL BEGINS FALLING APART DURING INSTALLATION OR WHILE REMOVING THE WIRE BASKET, CUT AWAY ONLY 1/2 OF THE BURLAP.

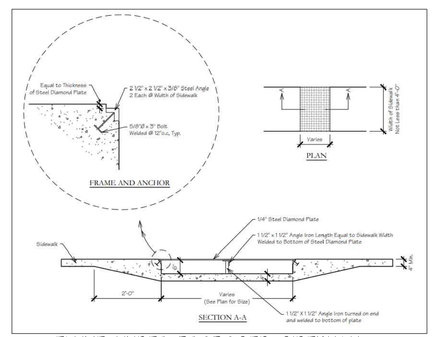
TREE PLANTING DETAIL
N.T.S.



TYP. PARKING STRIPING LAYOUT
N.T.S.



CONCRETE FLUME
N.T.S.



FLUME UNDER PROPOSED SIDEWALK
N.T.S.

ENGINEER: GB
DRAWN BY: MW

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
07-16-2025

CERTIFICATE OF AUTHORIZATION
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ARKANSAS ENGINEER

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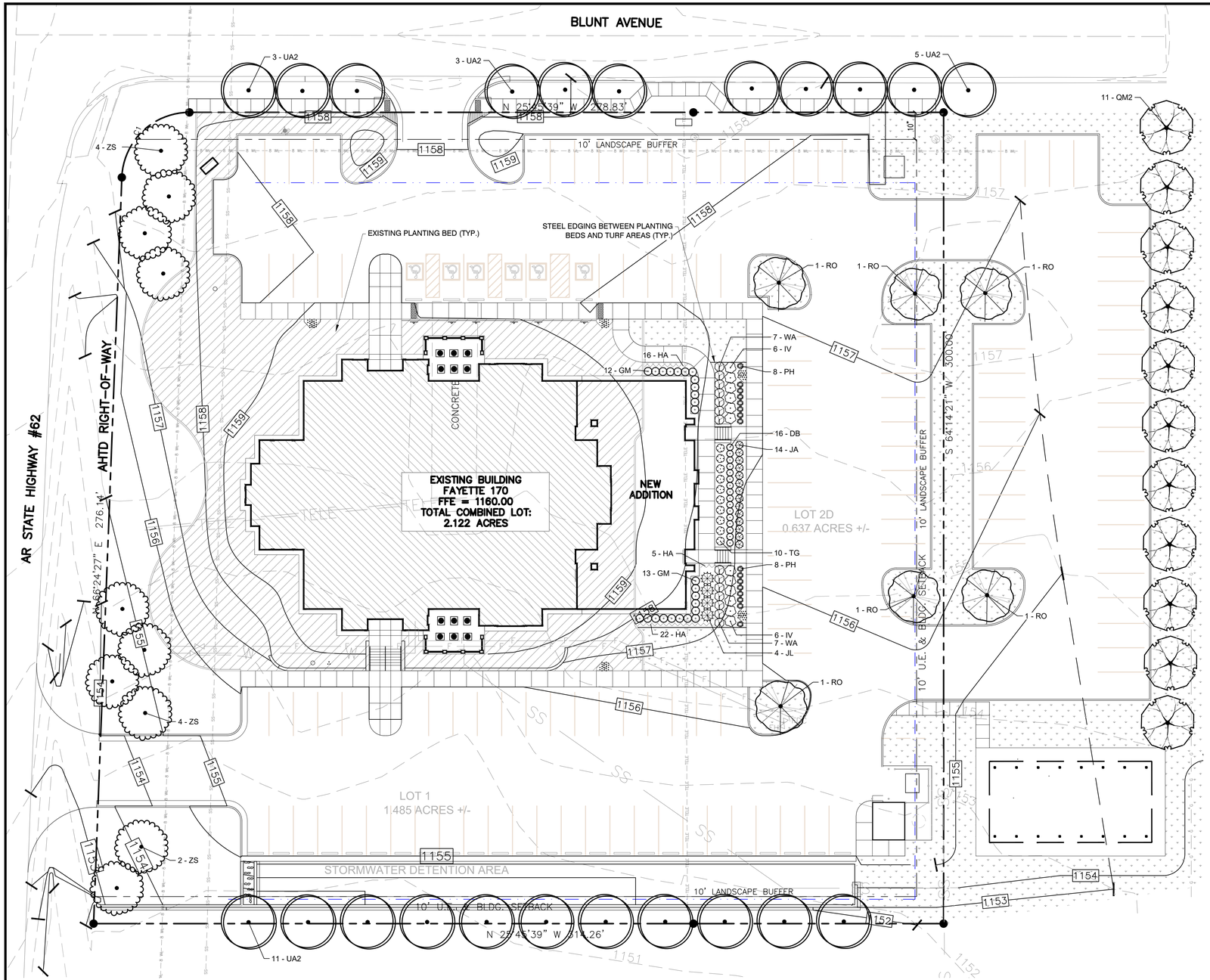
DETAILS

PRAIRIE GROVE, ARKANSAS

BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesnwa.com

PROJECT NO. 25-086

DRAWING NO.
DT02



NORTH

0 20 40 60 feet

SCALE: 1" = 20'

CITY LANDSCAPE REQUIREMENTS

TOTAL SITE AREA:	92,393 SF
STREET BUFFER	
1 TREE PER 25'	
AR STATE HWY 62 FRONTAGE LENGTH 250 LF	
10 TREES REQUIRED	10 TREES PROVIDED
SIDE PERIMETER BUFFER	
1 TREE PER 25'	
EAST PERIMETER 278'	
11 TREES REQUIRED	11 TREES PROVIDED
SOUTH PERIMETER 300'	
12 TREES REQUIRED	12 TREES PROVIDED
WEST PERIMETER 314'	
13 TREES REQUIRED	13 TREES PROVIDED
PARKING LOT LANDSCAPING	
1 TREE PER LANDSCAPED ISLAND	6 TREE PROVIDED

PLANTING NOTES

1. TOP DRESS SHRUB AREAS WITH 3" DEEP OF 1-1/2" SCREENED ROCK MULCH.
2. MULCH INDIVIDUAL TREE WITHIN TURF AREAS WITH 3" DEEP BARK MULCH OVER
3. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. IF TOPSOIL NEEDS TO BE IMPORTED, REFER TO SPECIFICATIONS FOR TESTING AND AMENDMENTS.

DESIGN CRITERIA

ECO-REGION	8.1 OZARK, OUACHITA-APPALACHIAN FORESTS
CLIMATE ZONE	6b (-5 to 0 °F/-20.6 to -17.8 °C)
ZONING ORDINANCE	CITY OF PRAIRIE GROVE, AR
WATER AVAILABILITY	CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF PSI AND GPM
SOIL TYPE	WAITING FOR SOILS REPORTS
SLOPES	FLAT
WIND	WINTER = SW/SUMMER SW
SETBACKS/EASEMENTS	UTILITY EASEMENT NORTH, EAST, SOUTH SIDES/10' LANDSCAPE SETBACK
MICROCLIMATES	N/A
SOIL PH	WAITING FOR SOILS REPORTS
LAWN AREA PERCENTAGE	27.9%
UNDEVELOPED PROPERTY	N/A
IRRIGATION SYSTEM	YES - AUTOMATIC

LANDSCAPE DATA

TOTAL SITE AREA	2.79	% OF SITE/LANDSCAPE	% REQUIRED BY JURISDICTION
TOTAL LANDSCAPE AREA	45,168 SF	37.1%	N/A
SHRUBS GROUNDCOVER	7,258 SF	16.1%	N/A
LAWN AREA	26,857 SF	59.5%	N/A
TREE ON SITE	20		49

PLANT COVERAGE

	SHRUBS-MATURE COVERAGE	TREE PURPOSE	ACTUAL%	% REQ. BY LOCAL CODE
STREET FRONTAGE	0%	CODE REQUIREMENT	0%	0%
PRIMARY ENTRANCE BUILDING PERIMETER	0%	FRAME ENTRY	0%	0%
& PARKING AREA	0%	CODE REQUIREMENT & ACCENT BUILDING	0%	0%
PERIMETER SIDES	0%	SCREEN LOT	0%	0%
PERIMETER REAR	0%	SCREEN LOT	0%	0%

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CALIPER	ROOT	HEIGHT	QTY
TREES						
	QM2	Quercus muehlenbergii / Chinkapin Oak	2.5" Cal.	B&B or Cont.	8` min.	11
	RO	Quercus rubra / Red Oak	2.5" Cal.	B&B or Cont.	8` min.	6
	UA2	Ulmus americana / American Elm	2.5" Cal.	B&B or Cont.	8` min.	22
STREET TREES						
	ZS	Zelkova serrata / Japanese Zelkova	2.5" Cal.	B&B or Cont.	8` min.	10

SHRUBS						
	DB	Berberis thunbergii `Atropurpurea Nana` / Dwarf Redleaf Japanses Barberry	3 gal.	Cont.	30" o.c.	16
	GM	Buxus x 'Green Mound' / Green Mound Boxwood	5 gal.	Cont.	36" o.c.	25
	IV	Itea virginica `Henry`s Garnet` / Henry`s Garnet Sweetspire	3 gal.	Cont.	48" o.c.	12
	JL	Juniperus chinensis 'Gold Lace' / Gold Lace Juniper	3 gal.	Cont.	60" o.c.	4
	JA	Juniperus horizontalis 'Andorra' / Andorra Juniper	3 gal.	Cont.	36" o.c.	14
	PH	Pennisetum alopecuroides 'Hameln' / Hameln Fountain Grass	1 gal.	Cont.	30" o.c.	16
	TG	Thuja occidentalis 'Golden Globe' / Golden Globe Arborvitae	5 gal.	Cont.	36" o.c.	10
	WA	Weigela florida 'Fine Wine' / Fine Wine Weigela	3 gal.	Cont.	42" o.c.	14

GROUND COVERS						
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING	QTY
	HA	Hemerocallis x 'Aztec Gold' / Aztec Gold Daylily	1 gal.	Pot	15" o.c.	43
SOD/SEED						
	CT	Cynodon dactylon `Tif 419` / Bermuda Grass	sod			18,405 sf

CALL BEFORE YOU DIG 1-800-482-8998 ARKANSAS ONE CALL SYSTEM

PURSUANT TO FEDERAL, STATE, AND LOCAL STATUTES, NOTIFY ONE-CALL SYSTEM, INC. AT LEAST 48 HOURS PRIOR TO ANY DIGGING, TRENCHING, EXCAVATION, ETC.

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

GHN
GASKIN HILL NORCROSS OF MISSOURI, INC.
300 South Jefferson Avenue, Suite 301, Springfield, MO 65806
417.869.0719
www.ghnaxc.com

REGISTERED LANDSCAPE ARCHITECT
JAMES GIBSON 8034
STATE OF ARKANSAS
7/23/2025

NEW MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MH ADDITION
SPRINGDALE AR STAKE

801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

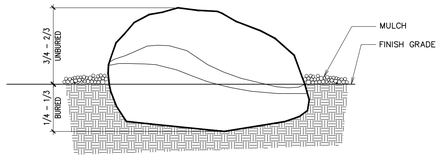
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number: 24-078.00
Work Order No.: -
LDS Prop. No.: 5004685240201

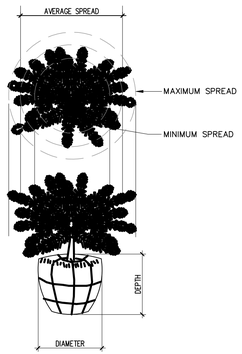
Sheet Title: LANDSCAPE PLAN

July 22, 2025

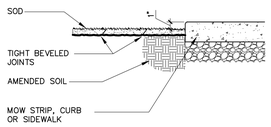
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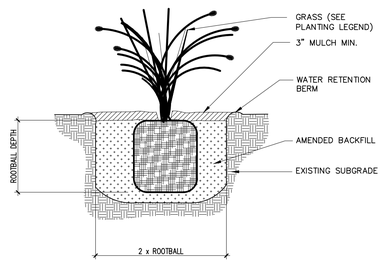
D BOULDER PLACEMENT DETAIL
NOT TO SCALE



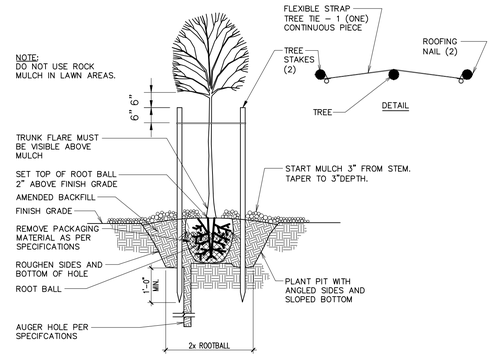
E TYPICAL MEASUREMENT FOR PROSTRATE TYPE PLANTS
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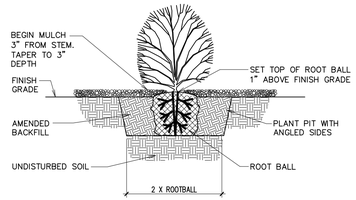
F SOD INSTALLATION
NOT TO SCALE



G ORNAMENTAL GRASSES PLANTING
NOT TO SCALE

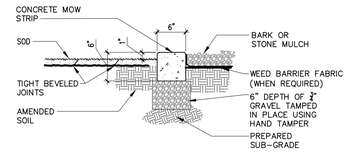


A TREE PLANTING AND STAKING
NOT TO SCALE



B SHRUB PLANTING DETAIL
NOT TO SCALE

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



C CONCRETE MOW STRIP
NOT TO SCALE

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

GHN
GASKIN HILL NORCROSS OF MISSOURI, INC.
200 South Jefferson Avenue, Suite 301, Springfield, MO 65806
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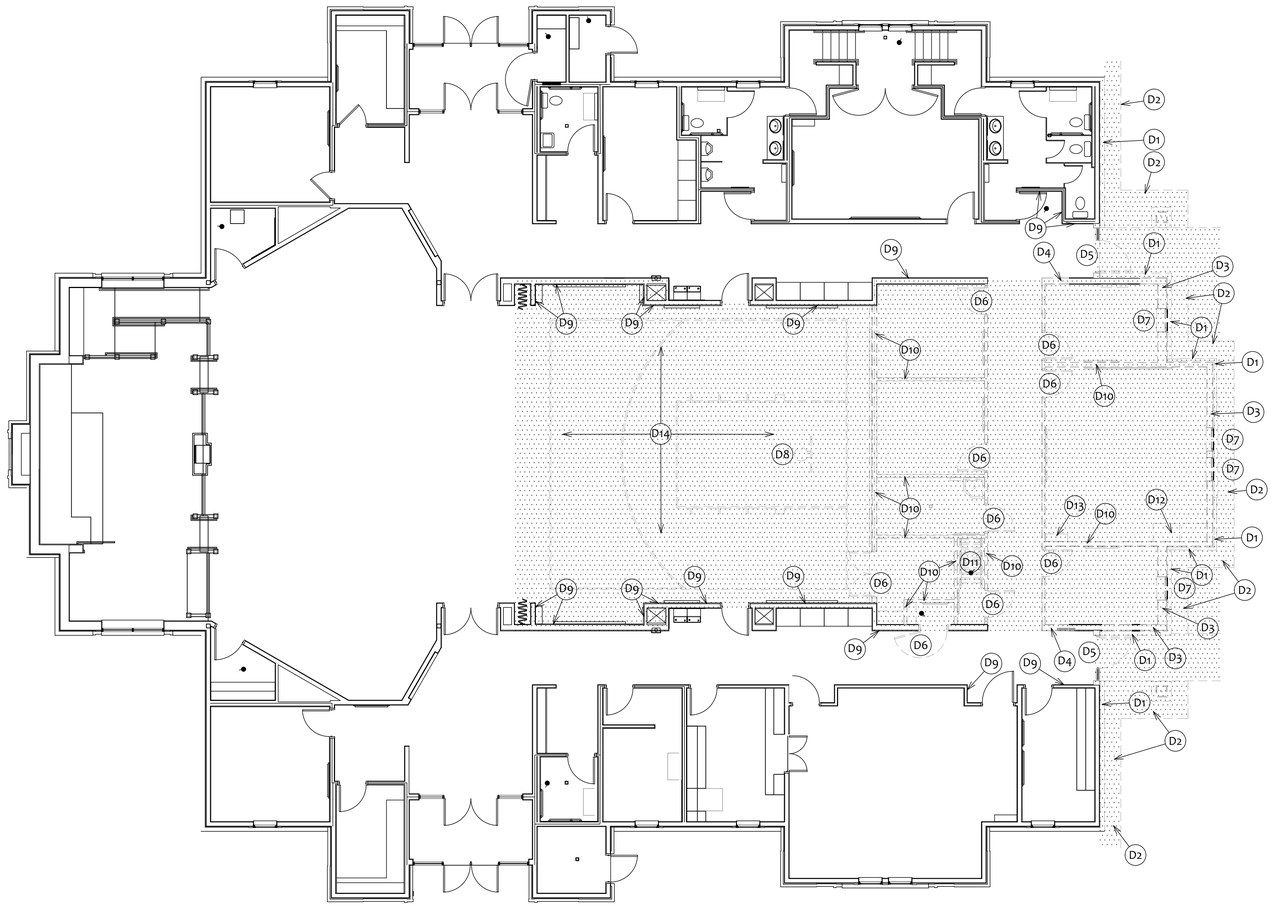
Project for:
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50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number: 24-078.00
Work Order No.: -
LDS Prop. No.: 5004685240201

Sheet Title: LANDSCAPE PLAN

July 22, 2025

Sheet: LS101



1 DEMOLITION FLOOR PLAN

0' 2' 4' 8' 16' 24'

KEYED DEMOLITION NOTES

- (D1) DEMO EXISTING BRICK MASONRY, INCLUDING TIES, TO WALL SHEATHING. DEMO EIFS TO SHEATHING.
- (D2) SAW CUT AND DEMO CONCRETE BUILDING APRON.
- (D3) DEMO EXISTING ENDWALL, REFER TO STRUCTURAL FOR MORE INFORMATION
- (D4) DEMO PORTION OF EXISTING WALL, PROVIDE SHORING AND NEW HEADER PER STRUCTURAL
- (D5) REMOVE EXISTING STOREFRONT DOOR, FRAME AND SIDELITE, SALVAGE FOR REUSE.
- (D6) DEMO EXISTING DOOR AND FRAME.
- (D7) DEMO EXISTING WINDOW. REPAIR WALL WHERE PANEL WAS REMOVED.
- (D8) REMOVE EXISTING BASKETBALL BACKSTOP AND SUPPORT. SALVAGE FOR RE-INSTALLATION.
- (D9) REMOVE EXISTING SISAL WALL COVERING, REPAIR WALLS AS REQUIRED.
- (D10) DEMO EXISTING INTERIOR PARTITION.
- (D11) REMOVE EXISTING SHIPS LADDER AND SALVAGE FOR RE-INSTALLATION.
- (D12) REMOVE EXISTING CABINETS AND SALVAGE FOR RE-INSTALLATION.
- (D13) REMOVE EXISTING HYMNBOOK CABINETS AND SALVAGE FOR REUSE IN NEW CULTURAL CENTER.
- (D14) REMOVE EXISTING "FLOATING" WOOD FLOOR, ALL ASSOCIATED THRESHOLDS, WALL BASE AND TRANSITION STRIPS AND PREPARE FLOOR FOR NEW SPORTS FLOOR.

GENERAL DEMOLITION NOTES

- (A) INSPECT AND VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTAL OF BID
- (B) REPAIR DAMAGE THAT OCCURS DURING DEMOLITION
- (C) PROVIDE PROPER SHORING OF JOISTS AND BEAMS AS NEEDED BEFORE DEMOLITION
- (D) NOTIFY ARCHITECT IMMEDIATELY IF QUESTIONABLE OR UNFORESEEN CONDITIONS ARE ENCOUNTERED
- (E) COORDINATE ALL DEMOLITION ACTIVITIES WITH LANDLORD. THE ADJACENT FACILITIES WILL REMAIN IN OPERATION DURING CONSTRUCTION.
- (F) MAINTAIN WEATHERTIGHT CONDITIONS. PROVIDE TEMPORARY WEATHER PROTECTION AS REQUIRED.
- (G) MAINTAIN BUILDING SECURITY THROUGHOUT CONSTRUCTION
- (H) PROTECT ALL FINISHES, UTILITIES, ETC THAT ARE NOT SCHEDULED TO BE REMOVED
- (J) SEE MEP PLANS FOR ADDITIONAL DEMOLITION INFORMATION.
- (K) REPAIR ALL WALL AND FLOOR SURFACES WHERE CABINETS, DOORS, AND OTHER APPURTENANCES ARE REMOVED.
- (L) EVERYTHING SHOWN IS EXISTING AND IS TO REMAIN UNLESS NOTED OTHERWISE.
- (M) PREPARE FLOOR AND WALL SURFACES TO RECEIVE NEW FINISHES AS INDICATED ON A601.
- (N) SEE ELEVATIONS AND SECTIONS FOR ADDITIONAL DEMOLITION INFORMATION
- (P) SEE SITE PLANS FOR ADDITIONAL DEMOLITION INFORMATION
- (Q) REMOVE EXISTING FLOORING & BASE COMPLETE, IN AREAS SCHEDULED TO RECEIVE NEW FLOORING. NOTE, ALL EXISTING CARPET AND CARPET BASE IS BEING REMOVED AND REPLACED.
- (R) MAINTAIN EXITING & LIFE SAFETY WHILE BUILDING IS OCCUPIED.
- (S) REMOVE ALL EXISTING SISAL WALL COVERING AND PREPARE THE WALLS TO RECEIVE NEW SISAL WALL COVERING.
- (T) REMOVE EXISTING SIGNAGE AT DOORS THAT ARE BEING DEMOLISHED AND SALVAGE SIGNAGE AND BRACKETS FOR REUSE.
- (U) REMOVE ALL SIGNAGE PRIOR TO REPAINTING AND REINSTALL AFTER REPAINTING.

LEGEND

- EXISTING WALL TO REMAIN
- REMOVE EXISTING WALL
- 2 / A5 — EXTERIOR ELEVATIONS OR SECTION MARKS
- 2 / A13 — DETAIL MARKS
- 2 / A14 — INTERIOR ELEVATIONS
- EXISTING DOOR TO REMAIN
- REMOVE EXISTING DOOR OR WINDOW

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
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Certificate of Authorization
C358
STATE OF ARKANSAS
7/24/2025

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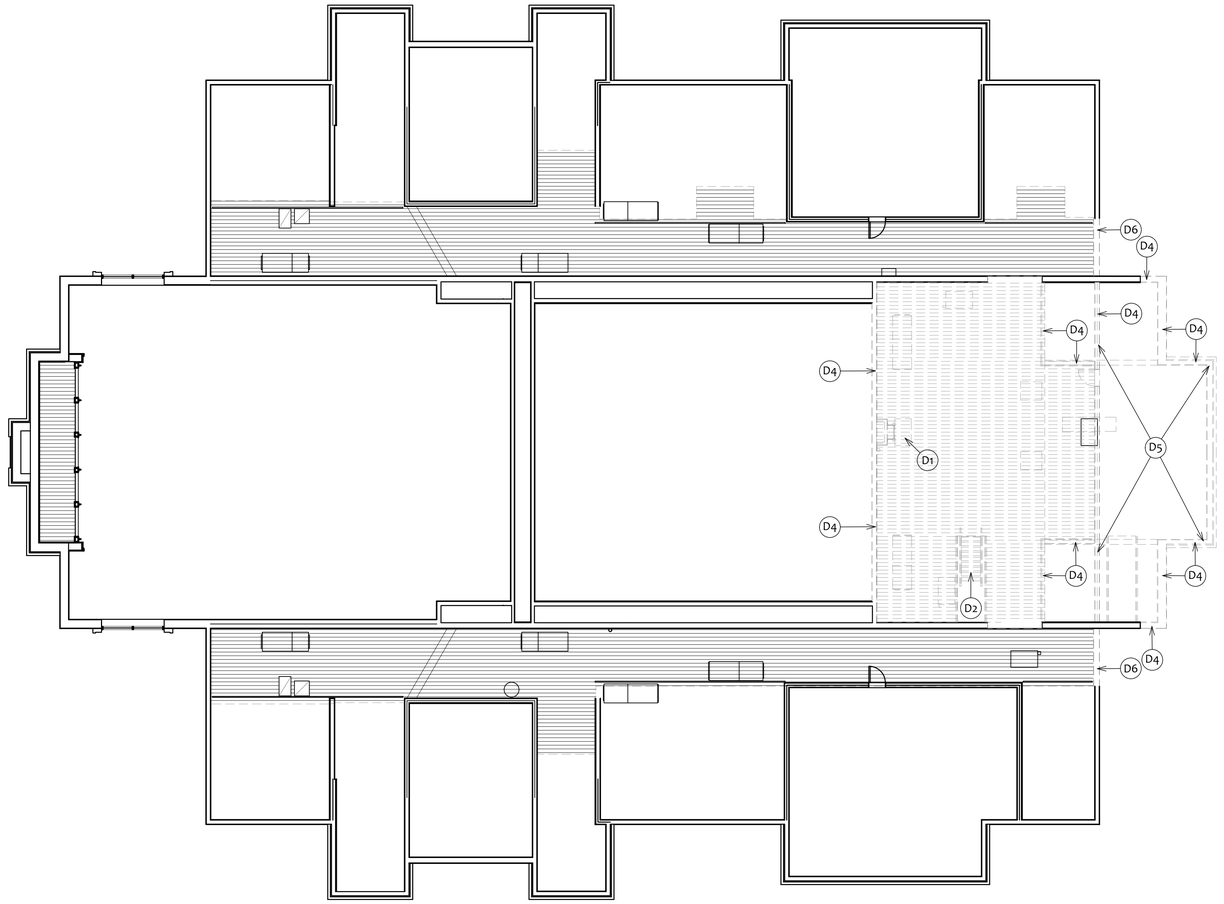
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SALT LAKE CITY, UT 84150

GHN Project Number:
24-078.00
Work Order No.:
-
LDS Prop. No.:
5004685240201

Sheet Title:
DEMOLITION PLAN

July 24 2025

Sheet:
A001



1 DEMOLITION EQUIPMENT PLATFORM PLAN

0' 2' 4' 8' 16' 24'

LEGEND

- WALL CONSTRUCTION ON THIS LEVEL
- INSULATED INTERIOR WALL – CREATE CONTINUOUS INSULATION ENVELOPE BETWEEN WALL INSULATION AND CEILING OR ATTIC INSULATION
- WALL CONSTRUCTION BELOW
- CATWALK IN ATTIC ABOVE
- FLOOR SHEATHING WALKWAY

KEYED DEMOLITION NOTES

- (D1) DEMO EXISTING LADDER AND ATTIC ACCESS HATCH AND SALVAGE FOR RE-INSTALLATION.
- (D2) REMOVE EXISTING SHIPS LADDER AND SALVAGE FOR RE-INSTALLATION.
- (D3) DEMO EXISTING FLOOR FRAMING, DECKING AND CEILING BELOW.
- (D4) DEMO EXISTING WALLS.
- (D5) DEMO EXISTING ROOFING, SHEATHING AND TRUSSES.
- (D6) DEMO PORTION OF EXISTING WALL.

GENERAL DEMOLITION NOTES

- (A) INSPECT AND VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTAL OF BID
- (B) REPAIR DAMAGE THAT OCCURS DURING DEMOLITION
- (C) PROVIDE PROPER SHORING OF JOISTS AND BEAMS AS NEEDED BEFORE DEMOLITION
- (D) NOTIFY ARCHITECT IMMEDIATELY IF QUESTIONABLE OR UNFORESEEN CONDITIONS ARE ENCOUNTERED
- (E) COORDINATE ALL DEMOLITION ACTIVITIES WITH LANDLORD. THE ADJACENT FACILITIES WILL REMAIN IN OPERATION DURING CONSTRUCTION.
- (F) MAINTAIN WEATHERTIGHT CONDITIONS. PROVIDE TEMPORARY WEATHER PROTECTION AS REQUIRED.
- (G) MAINTAIN BUILDING SECURITY THROUGHOUT CONSTRUCTION
- (H) PROTECT ALL FINISHES, UTILITIES, ETC THAT ARE NOT SCHEDULED TO BE REMOVED
- (J) SEE MEP PLANS FOR ADDITIONAL DEMOLITION INFORMATION.
- (K) REPAIR ALL WALL AND FLOOR SURFACES WHERE CABINETS, DOORS, AND OTHER APPURTENANCES ARE REMOVED.
- (L) EVERYTHING SHOWN IS EXISTING AND IS TO REMAIN UNLESS NOTED OTHERWISE.
- (M) PREPARE FLOOR AND WALL SURFACES TO RECEIVE NEW FINISHES AS INDICATED ON A601.
- (N) SEE ELEVATIONS AND SECTIONS FOR ADDITIONAL DEMOLITION INFORMATION
- (P) SEE SITE PLANS FOR ADDITIONAL DEMOLITION INFORMATION
- (Q) REMOVE EXISTING FLOORING & BASE COMPLETE, IN AREAS SCHEDULED TO RECEIVE NEW FLOORING
- (R) MAINTAIN EXITING & LIFE SAFETY WHILE BUILDING IS OCCUPIED.

LEGEND

- EXISTING WALL TO REMAIN
- REMOVE EXISTING WALL
- 2 / A5 — EXTERIOR ELEVATIONS OR SECTION MARKS
- 2 / A13 — DETAIL MARKS
- 2 / A14 — INTERIOR ELEVATIONS
- EXISTING DOOR TO REMAIN
- REMOVE EXISTING DOOR OR WINDOW

CERTIFICATE OF AUTHORITY
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SPRINGDALE AR STAKE

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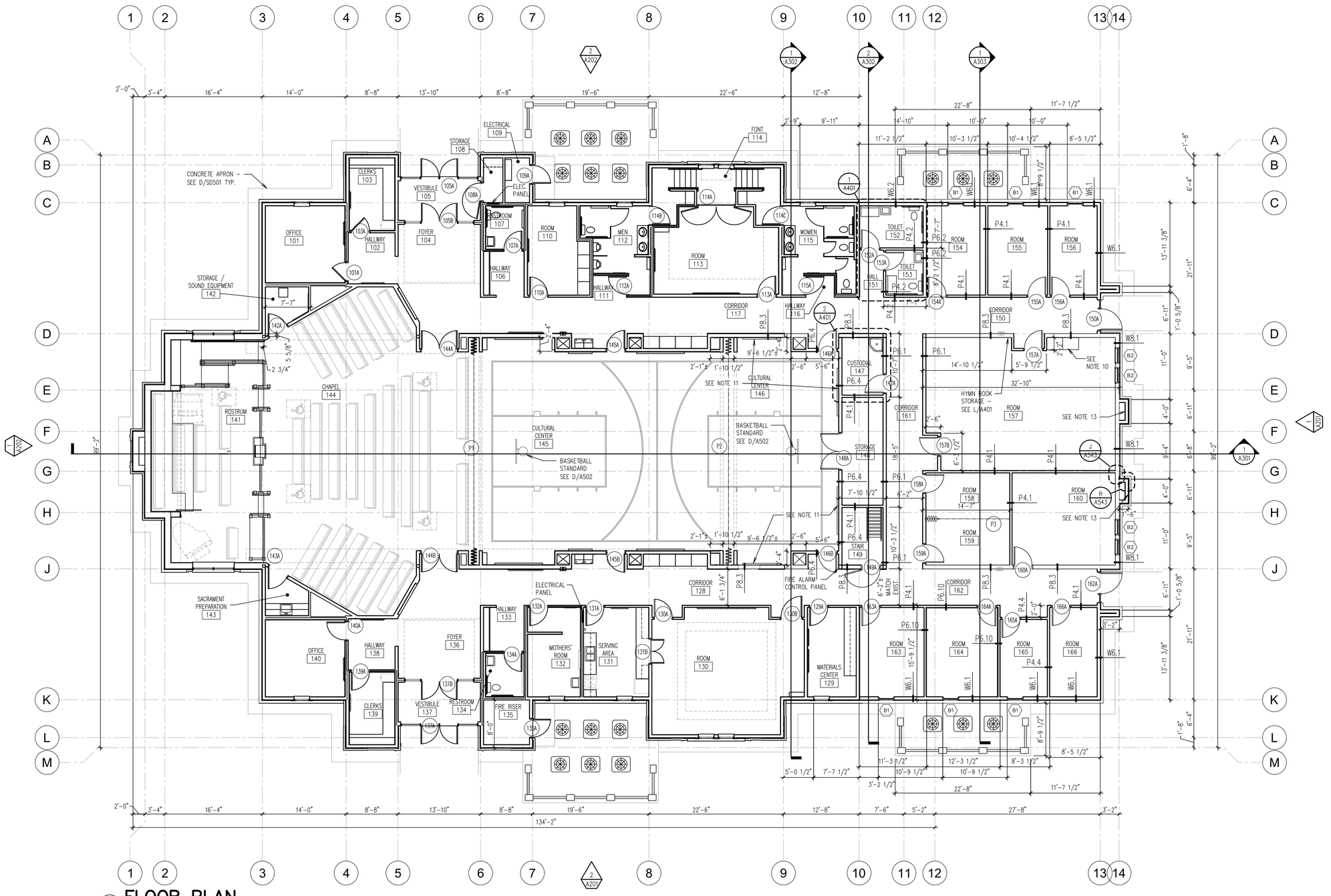
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number: 24-078.00
Work Order No.: -
LDS Prop. No.: 5004685240201

Sheet Title: DEMOLITION EQUIPMENT PLATFORM PLAN

July 24 2025

Sheet: A002



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

GENERAL NOTES

1. DIMENSIONS ARE FROM FACE OF STUD UNLESS NOTED OTHERWISE.
2. SEE SHEET A103 FOR WALL AND PARTITION TYPE DESCRIPTIONS AND WALL AND PARTITION TYPE DESIGNATIONS.
3. ALL EXTERIOR WALLS ARE INSULATED. INTERIOR WALL INSULATION IS SHOWN ON THE WALL AND PARTITION TYPES PLANS – SEE A102.
4. FOR ELEVATIONS OF VISUAL DISPLAY BOARDS SEE SHEET A601.
5. INSULATE THE CEILING ABOVE ROOMS 152, 153, 164 AND 165 FOR SOUND CONTROL.
6. FOR LOCATION OF RETURN AIR DUCTS IN STUD WALLS SEE SHEET M101.
7. ALL GRID LINES ARE TO FACE OF STUD AT EXTERIOR WALLS.
8. FOR DOOR AND WINDOW SCHEDULES SEE SHEET A602.
9. LAMINATED VAPOR RETARDER UNDER CONCRETE SLAB – SEE P/A503.
10. RELOCATED CABINETS.
11. ACOUSTICAL PANEL – SEE BUILDING SECTIONS
12. PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DISPLAY BOARDS, LAVATORY SUPPORTS, TOILET ACCESSORIES AND ALL OTHER EQUIPMENT AND ACCESSORY LOCATIONS – SEE G/A502, TYPICAL.
13. PROVIDE FIRE BLOCKING CONSTRUCTED OF ⅝" TYPE X GYP. BD. HORIZONTAL ON 2X4 CONTINUOUS LEDGER AT 10'-0" O.C. VERTICAL MAX. IN ALL VERTICAL SHAFTS – SEE F/A501.
14. PROVIDE DOUBLE SILL PLATES AT WALLS AROUND CULTURAL CENTER 146 AND STORAGE 148 – SEE D/A503.
15. REPAINT ALL EXISTING INTERIOR WALLS AND DOOR FRAMES.
16. REPLACE ALL EXISTING SISAL WALL COVERING WITH NEW SISAL WALL COVERING
17. REPLACE ALL EXISTING CARPET AND CARPET BASE WITH NEW CARPET AND CARPET BASE
18. MECHANICAL ENCLOSURE – SEE A/A303

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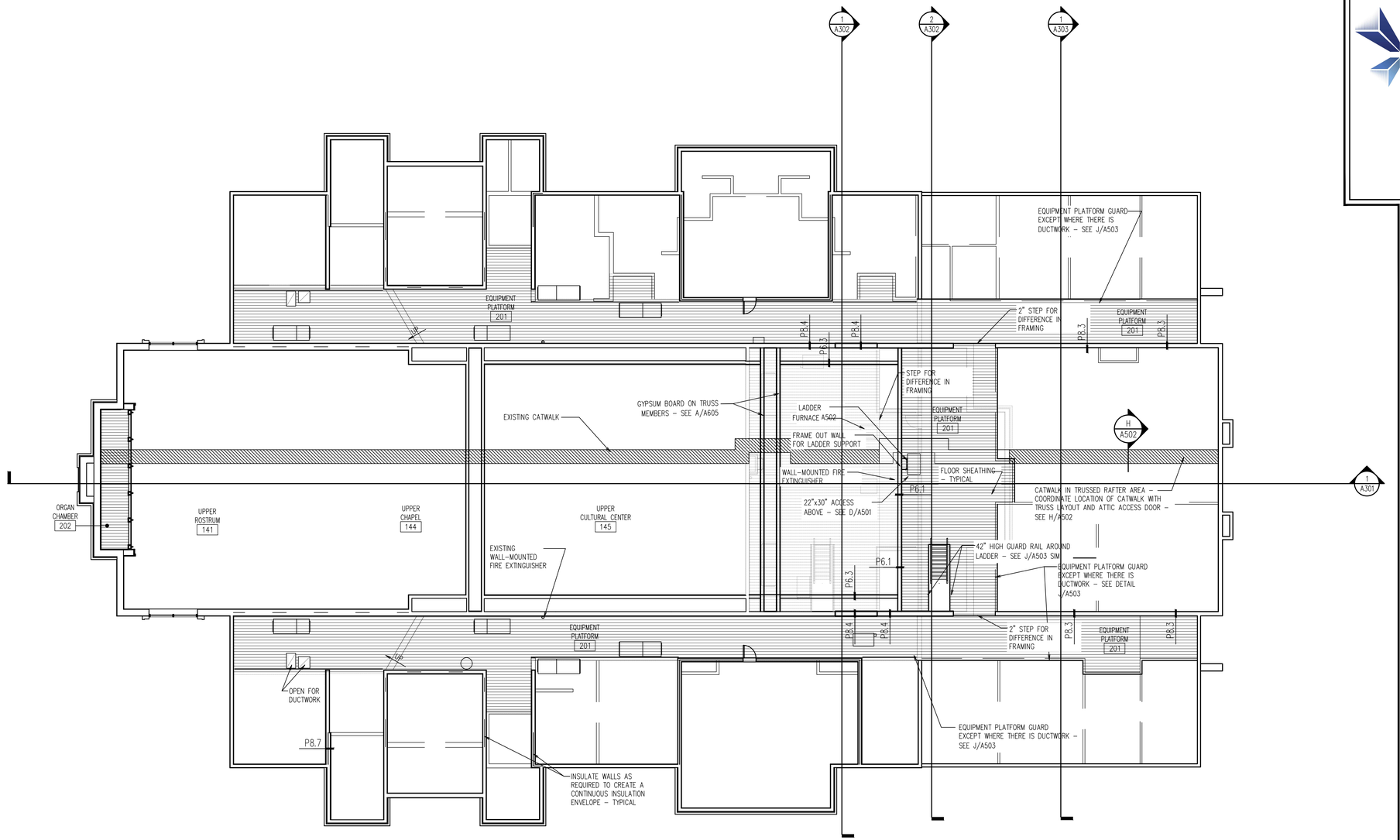
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Sheet Title: FLOOR PLAN

July 24 2025

Sheet: A101



1 EQUIPMENT PLATFORM PLAN
1/8" = 1'-0"

LEGEND

- WALL CONSTRUCTION ON THIS LEVEL
- INSULATED INTERIOR WALL – CREATE CONTINUOUS INSULATION ENVELOPE BETWEEN WALL INSULATION AND CEILING OR ATTIC INSULATION
- WALL CONSTRUCTION BELOW
- CATWALK IN ATTIC ABOVE
- FLOOR SHEATHING WALKWAY
- P1.1 — PARTITION OR WALL TYPE – SEE SHEETS A104 AND A105

GENERAL NOTES

1. FOR EXTERIOR WALL TYPES DESIGNATIONS, SEE SHEET A103.
2. INSTALL (2) LAYERS OF GYPSUM BOARD AT ALL WALLS INSIDE THE ORGAN TONE CHAMBER – SEE K/A403.
3. COORDINATE THE LOCATIONS OF ALL ACCESS DOORS WITH MECHANICAL EQUIPMENT AND TRUSS OPENINGS.

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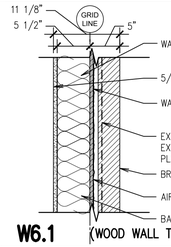
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Sheet Title: EQUIPMENT PLATFORM PLAN

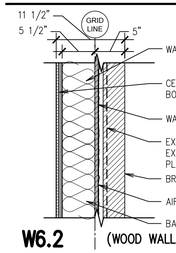
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Sheet: A102

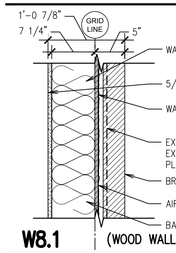
EXTERIOR WALL TYPES



W6.1 (WOOD WALL TYPE W6–C, W6–D, W6–F, or W6–G)

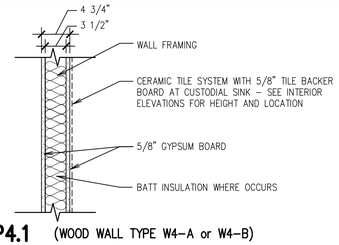


W6.2 (WOOD WALL TYPE W6–C)

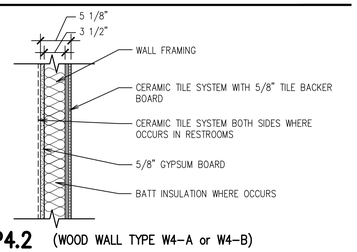


W8.1 (WOOD WALL TYPE W8–A or W8–D)

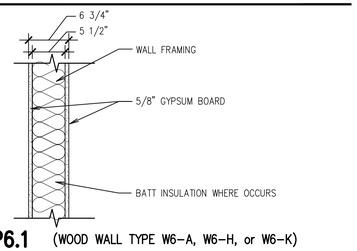
INTERIOR PARTITION TYPES



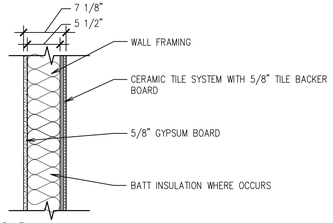
P4.1 (WOOD WALL TYPE W4–A or W4–B)



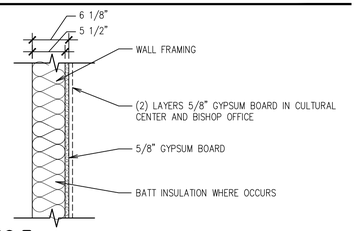
P4.2 (WOOD WALL TYPE W4–A or W4–B)



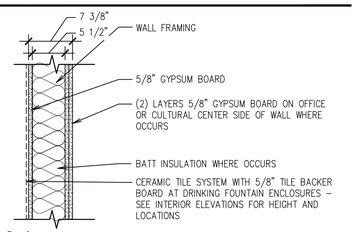
P6.1 (WOOD WALL TYPE W6–A, W6–H, or W6–K)



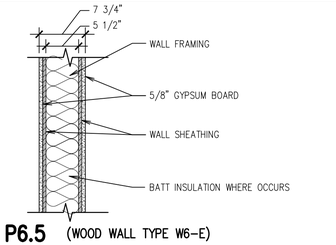
P6.2 (WOOD WALL TYPE W6–A or W6–H)



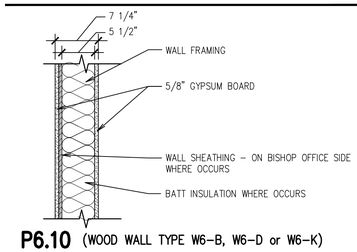
P6.3 (WOOD WALL TYPE W6–A)



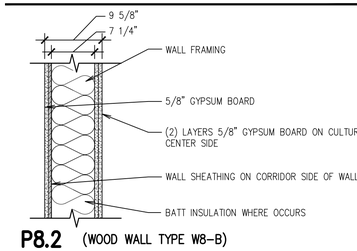
P6.4 (WOOD WALL TYPE W6–A or W6–K)



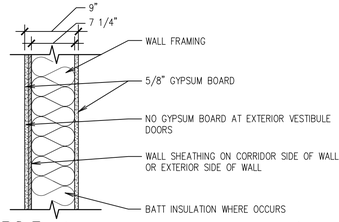
P6.5 (WOOD WALL TYPE W6–E)



P6.10 (WOOD WALL TYPE W6–B, W6–D or W6–K)



P8.2 (WOOD WALL TYPE W8–B)



P8.3 (WOOD WALL TYPE W8–A, W8–D or W8–E)

GENERAL NOTES

1. SEE STRUCTURAL SHEETS FOR ALL WALL FRAMING AND SHEAR WALL REQUIREMENTS.
2. WHERE STRUCTURAL DRAWINGS DO NOT REFER TO STUD SPACING, STUDS SHALL BE 2x FRAMING TO FIT THE DIMENSIONS SHOWN HERE, SPACED AT 16"O.C. UNLESS NOTED OTHERWISE.
3. THE SECOND LAYER OF GYPSUM BOARD ON THE CULTURAL HALL SIDE OF THE WALL EXTENDS TO THE BOTTOM OF THE WALL TRIM – SEE WALL SECTIONS AND DETAILS.

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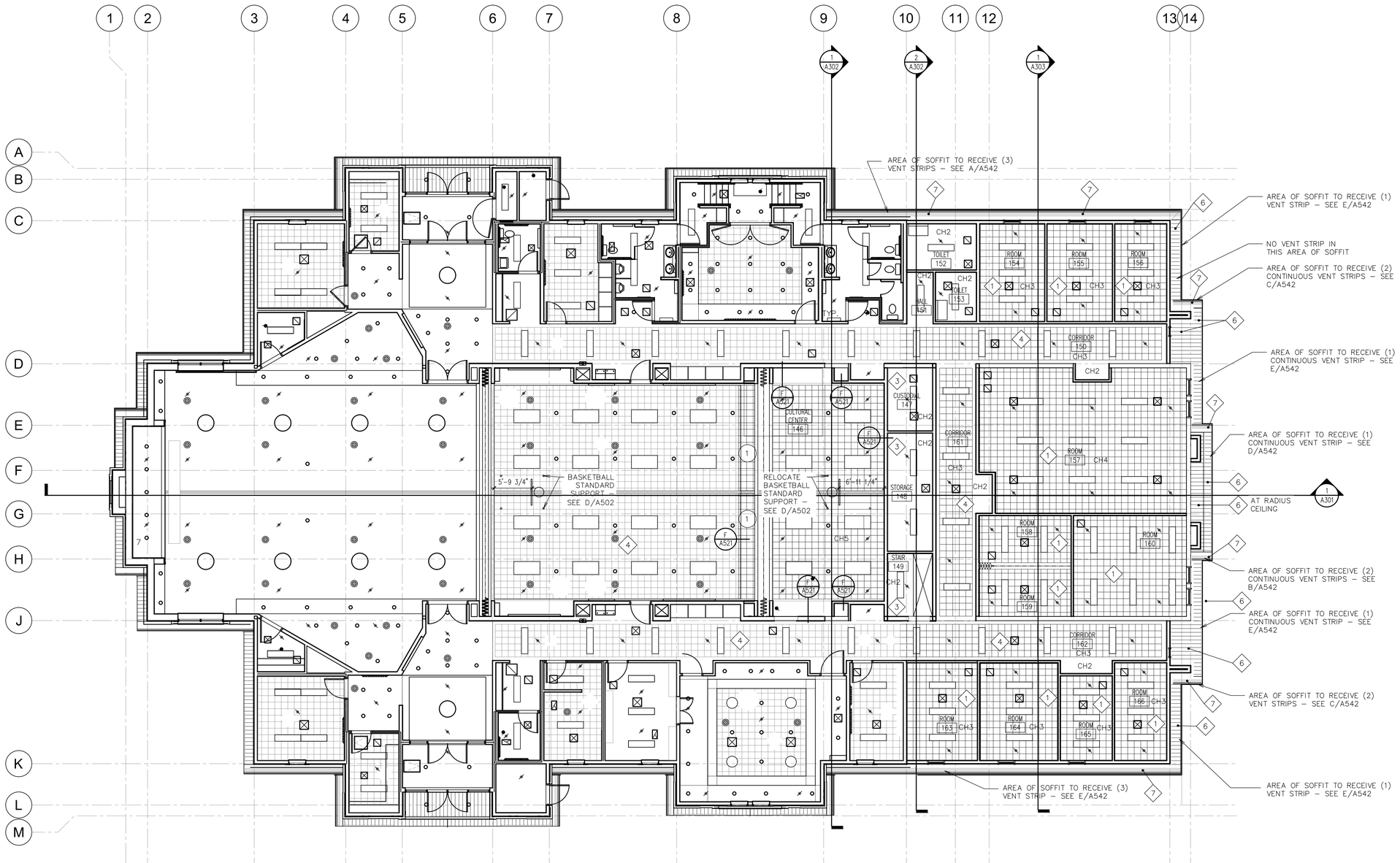
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Sheet Title: EXTERIOR & INTERIOR PARTITION TYPES

July 24 2025

Sheet: A103



1 REFLECTED CEILING PLAN

1/8" = 1'-0"

CEILING–FINISH SCHEDULE

1	CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD AND ACOUSTICAL TILE	6	METAL SOFFIT PANELS – SEE H/A542 (TYPICAL AT RAKES)
2	CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD – TEXTURED AND PAINTED	7	METAL SOFFIT (TYPICAL AT EAVES)
3	CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD – PAINTED	8	FURRED DOWN SOFFIT OVER CABINETS – SEE R/A551
4	GYPSUM BOARD AND ACOUSTICAL TILE	9	GYPSUM BOARD EXPANSION JOINT
5	GYPSUM BOARD – TEXTURED AND PAINTED	10	EIFS BELOW BEAM OR FRAMING – SEE R & S/A543

LEGEND

- LIGHT FIXTURES
- MECHANICAL AIR GRILLES
- SPEAKER WITH ENCLOSURE – SEE L/A521
- FIRE SPRINKLER HEAD
- UPWARD–SWINGING 22"x30" ATTIC ACCESS DOOR – SEE A/A501 – COORDINATE EXACT LOCATION WITH TRUSS LOCATION AND MECHANICAL EQUIPMENT
- DOWNWARD–SWINGING 24"x24" CEILING ACCESS DOOR – SEE A/A501

GENERAL NOTES

1. SEE B/A501 AND C/A501 FOR CEILING DETAILS.
2. CORRIDOR CEILING LIGHT FIXTURES ARE NOT REQUIRED TO BE ALIGNED WITH CEILING TILES.
3. ACOUSTICAL CEILING TILE IN THE CORRIDORS IS TO BE 5 TILES ACROSS WITH A BORDER OF GYPSUM BOARD AS SHOWN ON THE DRAWINGS.
4. RECESSED LIGHTS IN THE CULTURAL CENTER REQUIRE ENCLOSURES – SEE M/A521.
5. CENTER AND ALIGN LIGHTS, SPEAKERS, MECHANICAL GRILLES, ETC, AS SHOWN ON THE REFLECTED CEILING PLAN.
6. ALL DIMENSIONS AT RAKES ARE MEASURED ALONG THE SLOPE.
7. SEE J/A501 FOR THE EDGE DETAIL OF THE ACOUSTICAL CEILING TILE.
8. TWO LAYERS OF 5/8" GYPSUM BOARD ARE REQUIRED AT THE SLOPED CHAPEL CEILING AND AT THE CEILING UNDER ORGAN CHAMBER 202.

KEYED NOTES

1. REMOVE CEILING TILE BACK TO FULL CEILING TILE AND INSTALL NEW CEILING TILE TO NEW FOLDING PARTITION HEADER.

CH CEILING HEIGHT (TO FACE OF FINISHED CEILING)

CH1	7'–10 5/8"
CH2	7'–11 3/8"
CH3	8'–0"
CH4	9'–0"
CH5	VARIES

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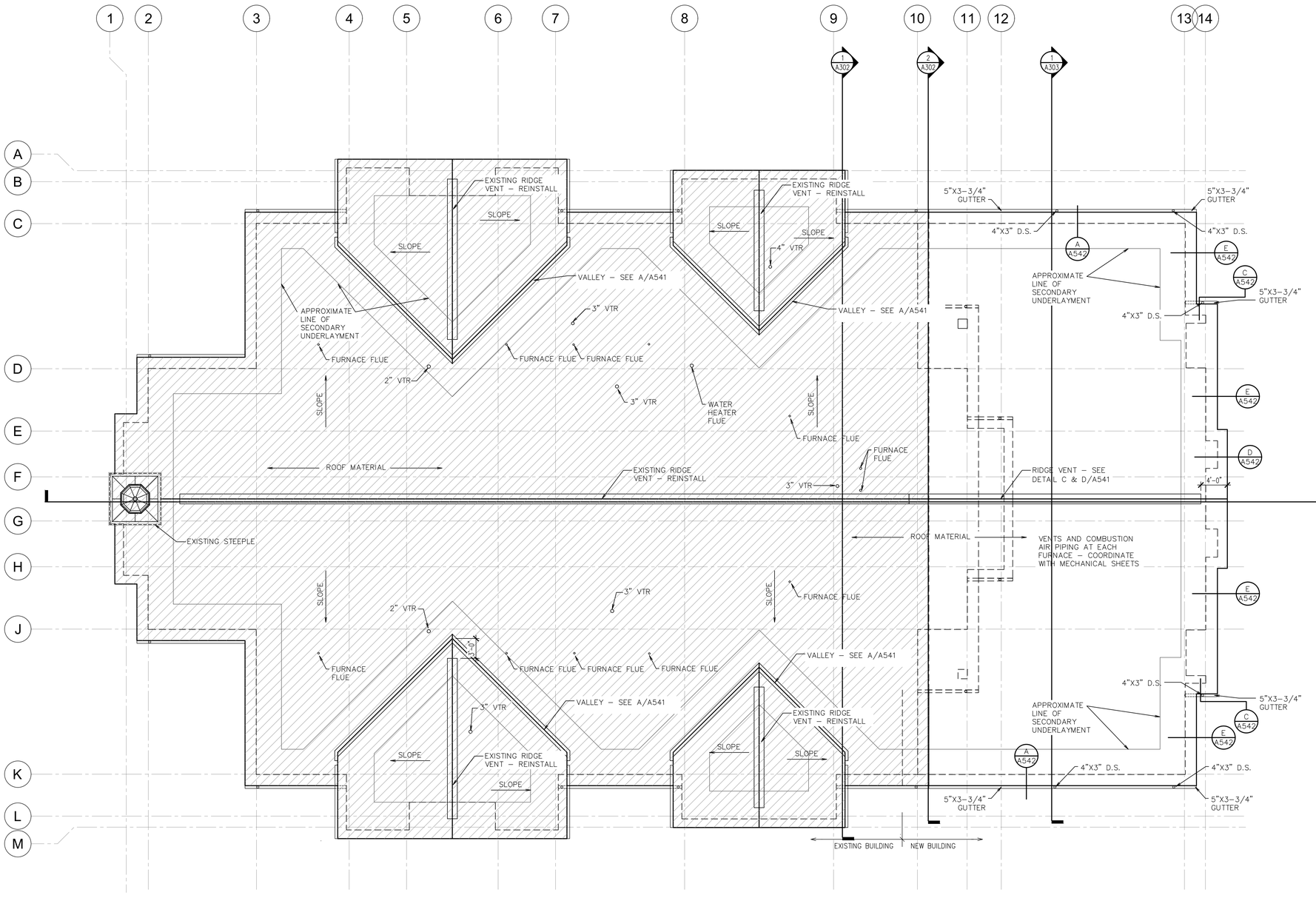
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Sheet Title: REFLECTED CEILING PLAN

July 24 2025

Sheet: A121



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

GENERAL NOTES

A FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.

B PAINT VENTS, FLUES, AND OTHER ITEMS PENETRATING ROOF IN COLOR AS SELECTED BY ARCHITECT.

C NOTIFY ARCHITECT IMMEDIATELY OF ANY DECKING REQUIRING REPLACEMENT.

D REMOVE AND REPLACE FLASHING AT VENT AND FLUE PIPING

E REMOVE AND REPLACE CONCENTRIC VENT FLASHINGS. INSTALL NEW SHEET METAL STORM COLLARS

F REMOVE AND REPLACE METAL FLASHING (CRICKETS & CANTS) AT PENTHOUSES. S

G REMOVE AND REPLACE FLASHING AT EXHAUST DUCT PENETRATIONS.

H NOT ALL DOWNSPOUT LOCATIONS OR OTHER ROOF PENETRATIONS OR APPURTENANCES MAY BE SHOWN. FIELD VERIFY.

J REPLACE FLASHING AT PLUMBING VENTS – SEE B/A541

K EXTEND SHINGLES ½" OVER RAKES AND EAVE (TYPICAL)

GENERAL DEMO NOTES

D1 REMOVE EXISTING ROOFING MATERIALS, INCLUDING SHINGLES, WOOD STRIPPING, PRIMARY UNDERLAYMENT, AND SECONDARY UNDERLAYMENT TO WOOD DECK. NOTE, EXISTING SECONDARY UNDERLAYMENT MAY REMAIN AND BE COVERED WITH NEW SECONDARY UNDERLAYMENT.

D2 REMOVE EXISTING VALLEY METAL AND REINSTALL

D3 REMOVE EXISTING RIDGE VENT AND REINSTALL.

D4 REMOVE EXISTING FLASHINGS AT CONCENTRIC CONCENTRIC VENTS AND REPLACE

D5 CAREFULLY INSPECT EXISTING ROOF DECKING ONCE ALL ROOFING MATERIALS ARE REMOVED. NOTIFY ARCHITECT OF ANY AREAS OF CONCERN.

D6 CAFEFULLY REMOVE EXISTING STEEPLE FOR REINSTALLATION

GENERAL NOTES

1. SEE SHEET A121 FOR THE LOCATION OF THE SOFFIT VENT STRIPS
2. SEE SHEETS A201 & A202 FOR DOWNSPOUT LOCATIONS
3. PAINT VENTS, FLUES, AD OTHER ITEMS PENETRATING ROOF IN COLOR SELECTED BY ARCHITECT.
4. "WEAVE" NEW ROOF SHEATHING INTO EXISTING ROOF SHEATHING.

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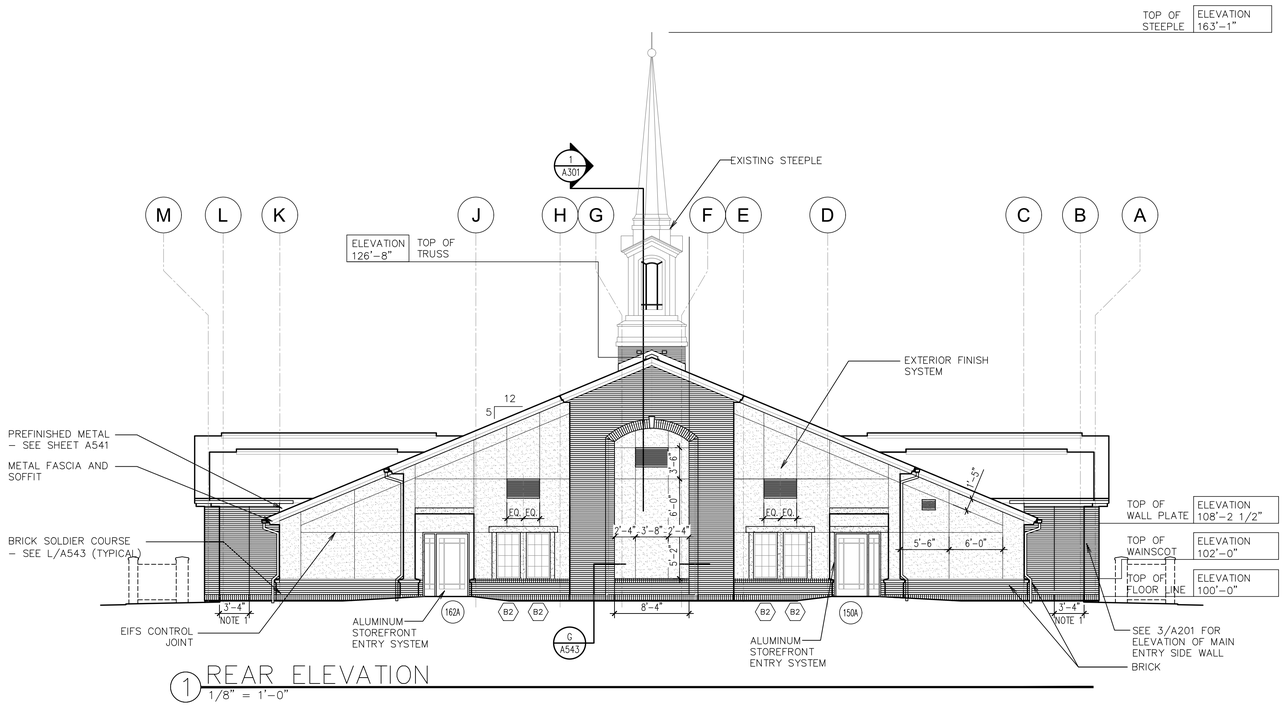
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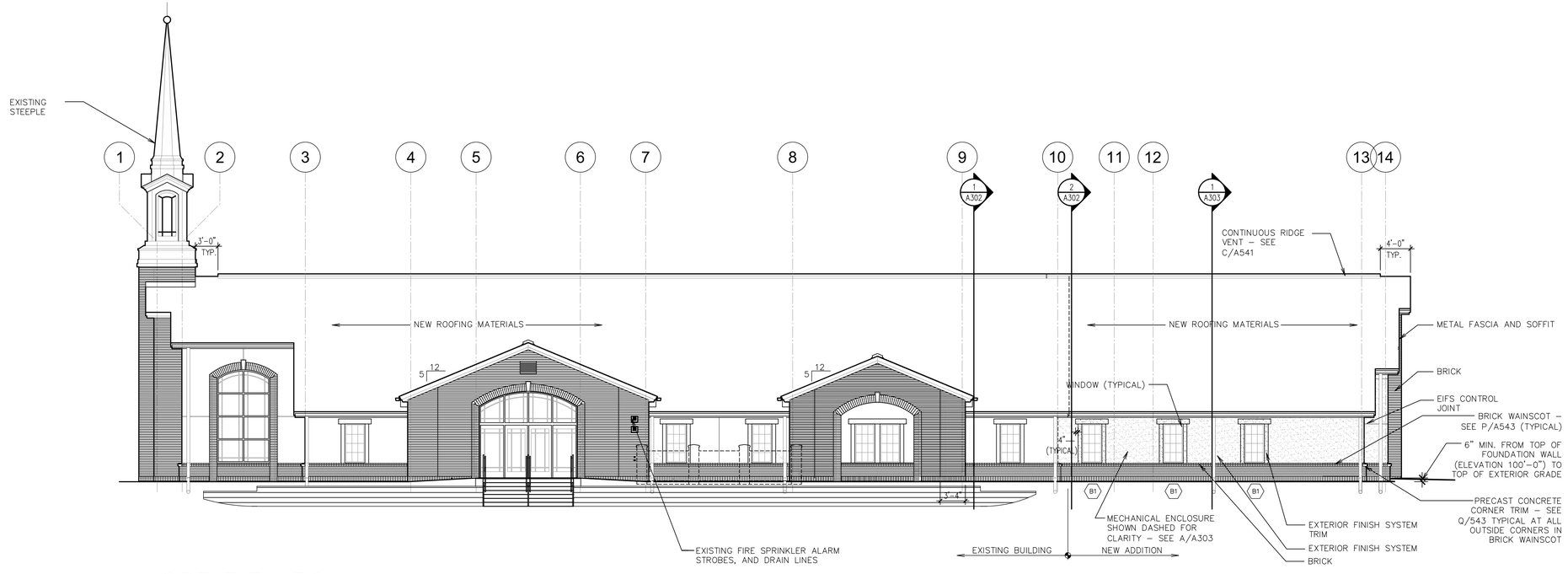
Sheet Title:
ROOF PLAN

July 24 2025

Sheet:
A151



1 REAR ELEVATION
1/8" = 1'-0"



2 SIDE ELEVATION
1/8" = 1'-0"

GENERAL NOTES

1. FROM THE OUTSIDE CORNER EXTENDING HORIZONTALLY THE LENGTH OF THE DIMENSIONS SHOWN ON THE ELEVATIONS, STEP THE BRICK OUT AN ADDITIONAL 1/2" THE ENTIRE HEIGHT OF THE BRICK WALL. FOR THE STEPPED SOLDIER COURSE AND FIELD BRICK DIMENSIONS, SEE DETAIL K/A543. FOR THE 1/2" STEP AT THE HORIZONTAL TRANSITION IN THE FIELD BRICK, SEE DETAIL M/A543.
2. FOR THE DETAIL AT THE INSIDE VERTICAL CORNERS WHERE THE EXTERIOR FINISH SYSTEM (EIFS) ABUTS THE BRICK, SEE DETAIL J/A543.

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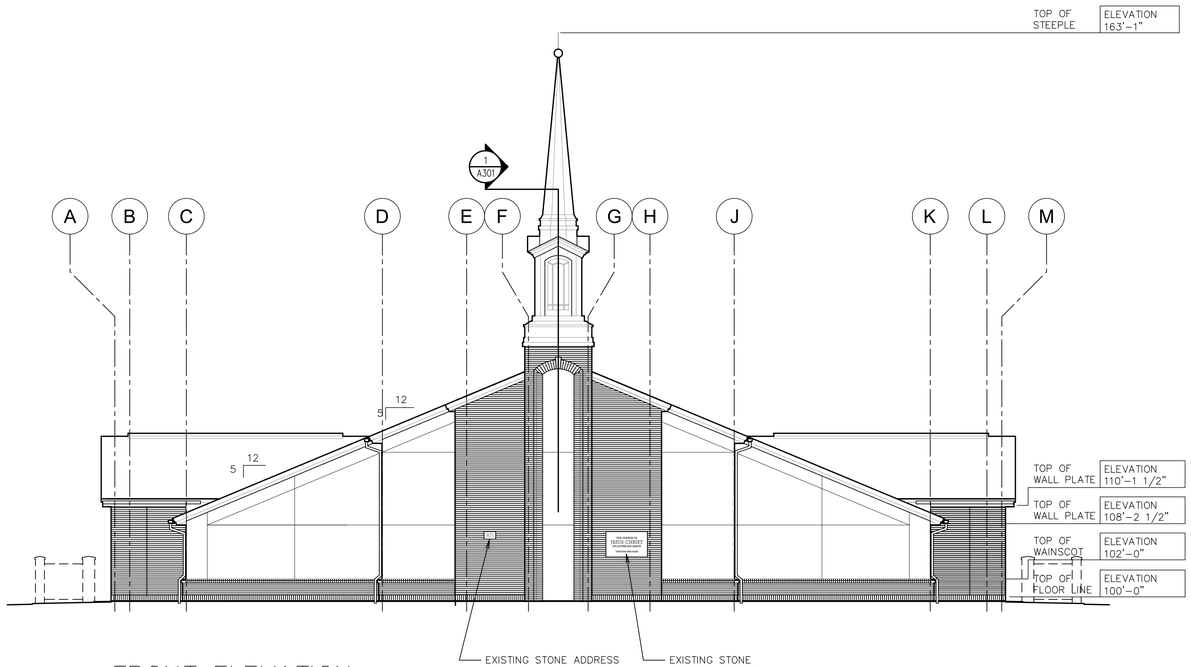
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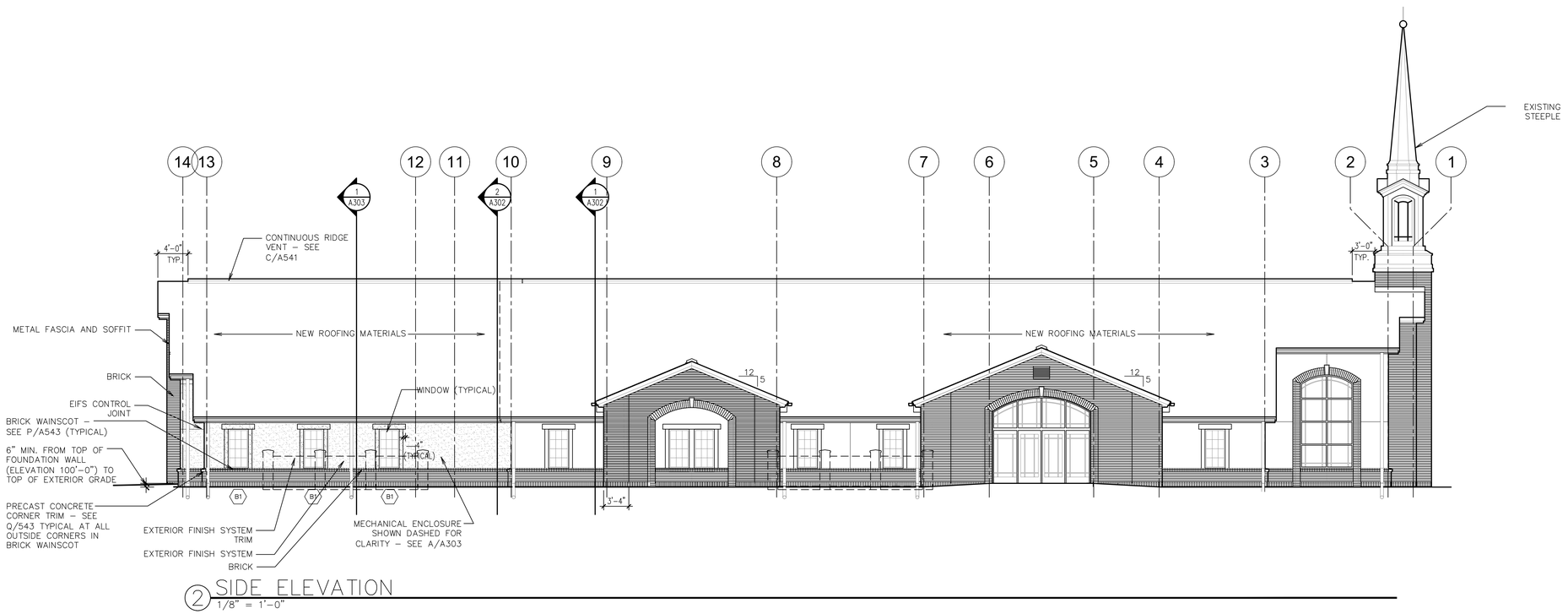
Sheet Title: EXTERIOR ELEVATIONS

July 24 2025

Sheet: A201



1 FRONT ELEVATION
1/8" = 1'-0"



2 SIDE ELEVATION
1/8" = 1'-0"

GENERAL NOTES

1. FROM THE OUTSIDE CORNER EXTENDING HORIZONTALLY THE LENGTH OF THE DIMENSIONS SHOWN ON THE ELEVATIONS, STEP THE BRICK OUT AN ADDITIONAL 1/2" THE ENTIRE HEIGHT OF THE BRICK WALL. FOR THE STEPPED SOLDIER COURSE AND FIELD BRICK DIMENSIONS, SEE DETAIL K/A543. FOR THE 1/2" STEP AT THE HORIZONTAL TRANSITION IN THE FIELD BRICK, SEE DETAIL M/A543.
2. FOR THE DETAIL AT THE INSIDE VERTICAL CORNERS WHERE THE EXTERIOR FINISH SYSTEM (EIFS) ABUTS THE BRICK, SEE DETAIL J/A543.

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

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STATE OF ARKANSAS
7/24/2025

NEW MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MH ADDITION
SPRINGDALE AR STAKE

801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

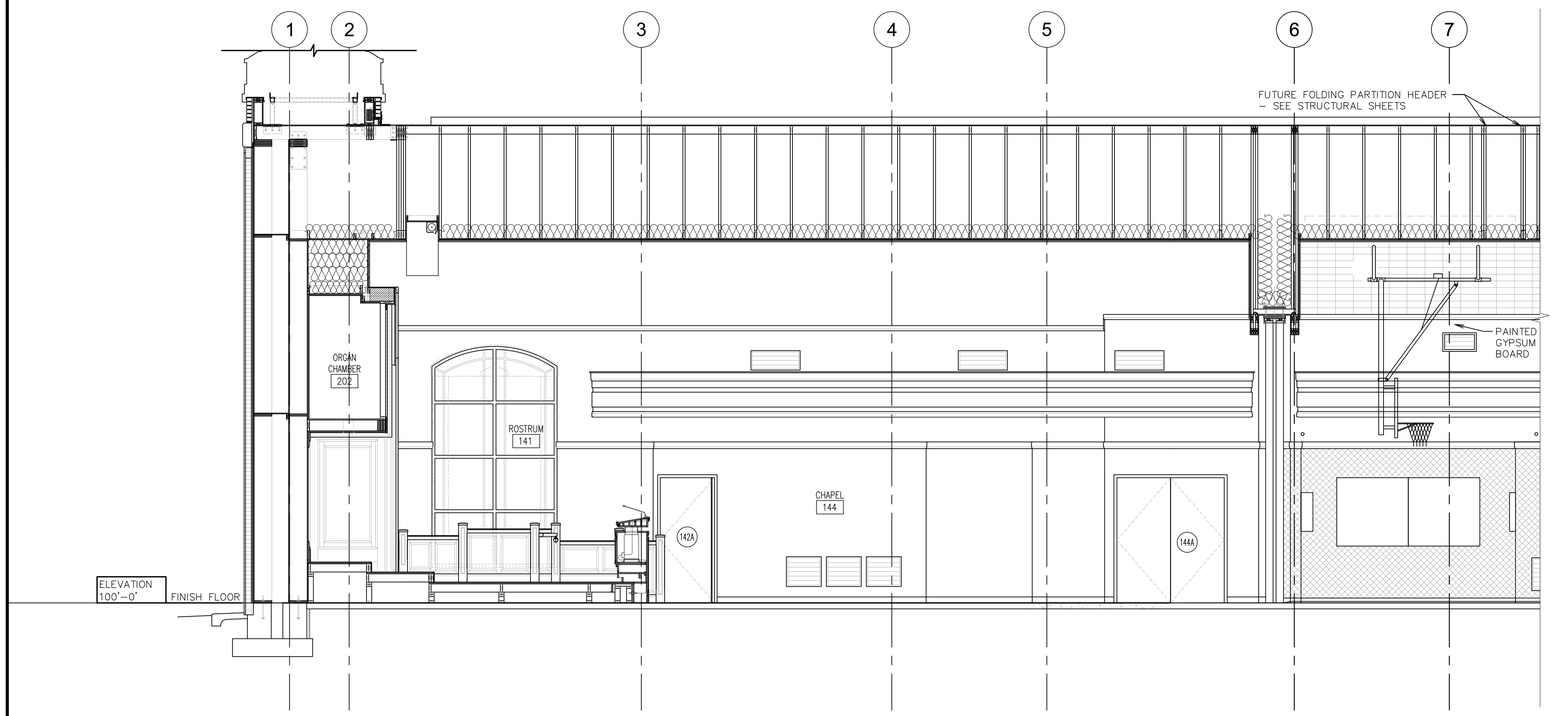
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number:
24-078.00
Work Order No.:
-
LDS Prop. No.:
5004685240201

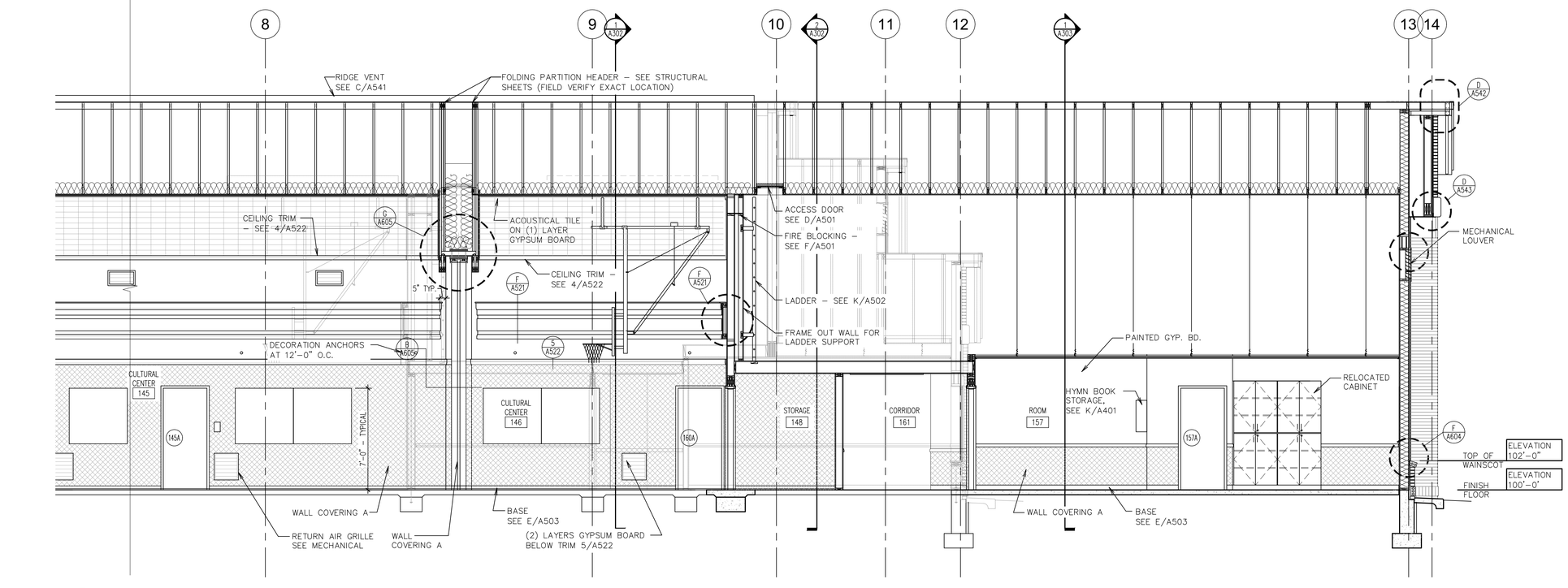
Sheet Title:
EXTERIOR ELEVATIONS

July 24 2025

Sheet:
A202



1 **BUILDING SECTION**
1/4" = 1'–0"



1 **BUILDING SECTION**
1/4" = 1'–0"

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ENGINEERING: 1078

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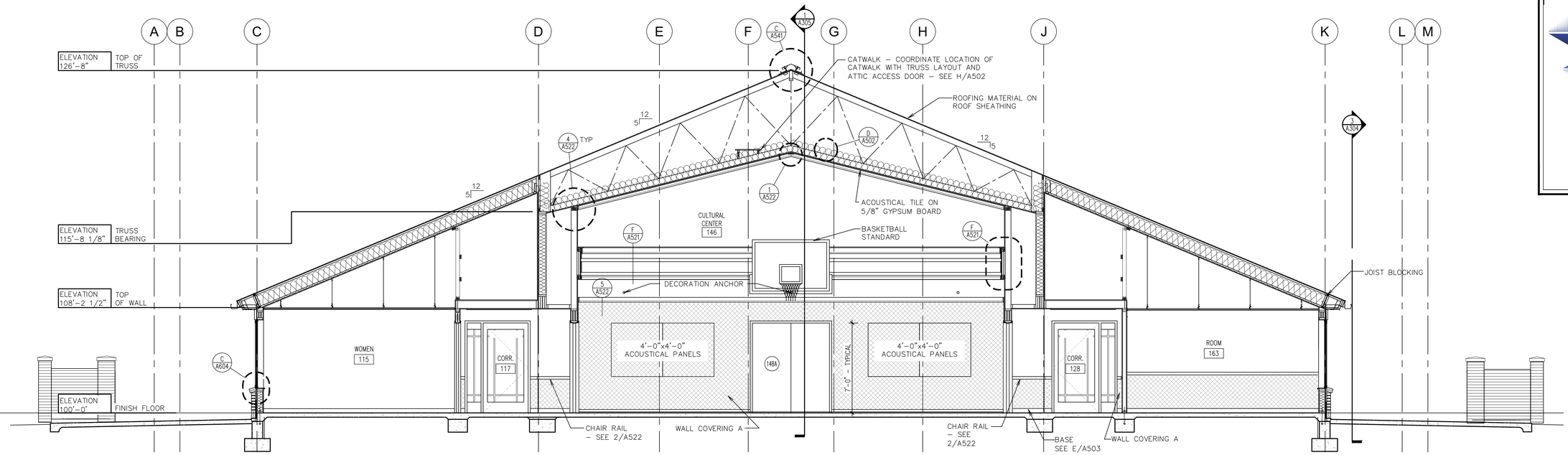
Project for:
THE CHURCH OF
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OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number:
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LDS Prop. No.:
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Sheet Title:
BUILDING SECTIONS

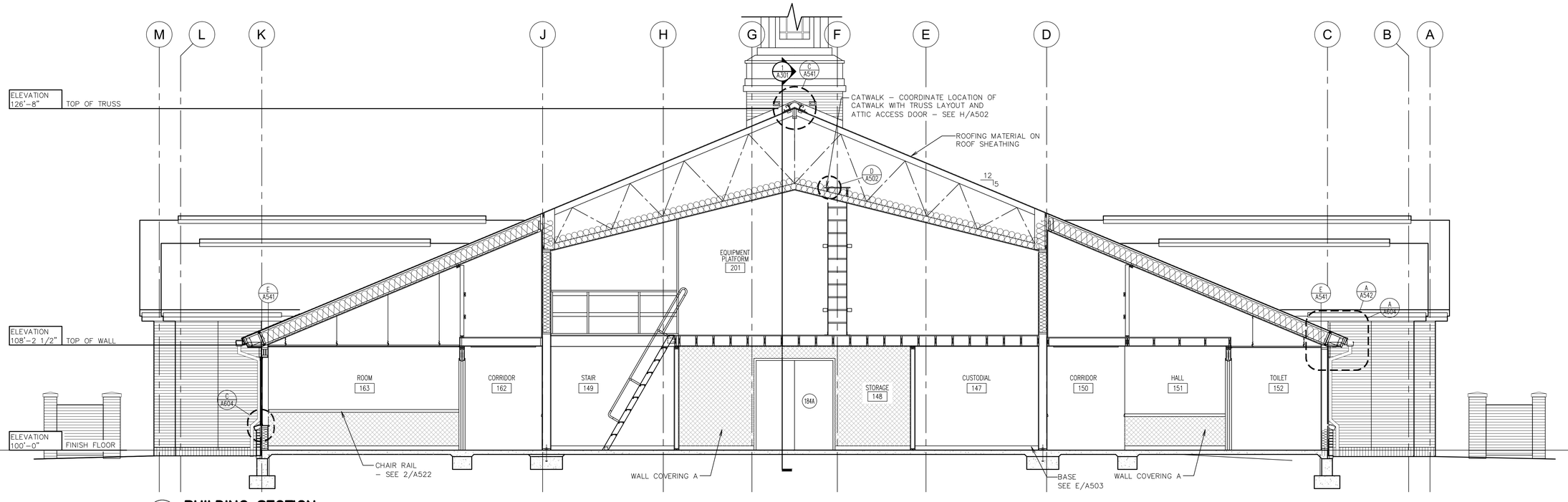
July 24 2025

Sheet:
A301



1 BUILDING SECTION

1/4" = 1'-0"



2 BUILDING SECTION

1/4" = 1'-0"

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ARCHITECTURE: C-358
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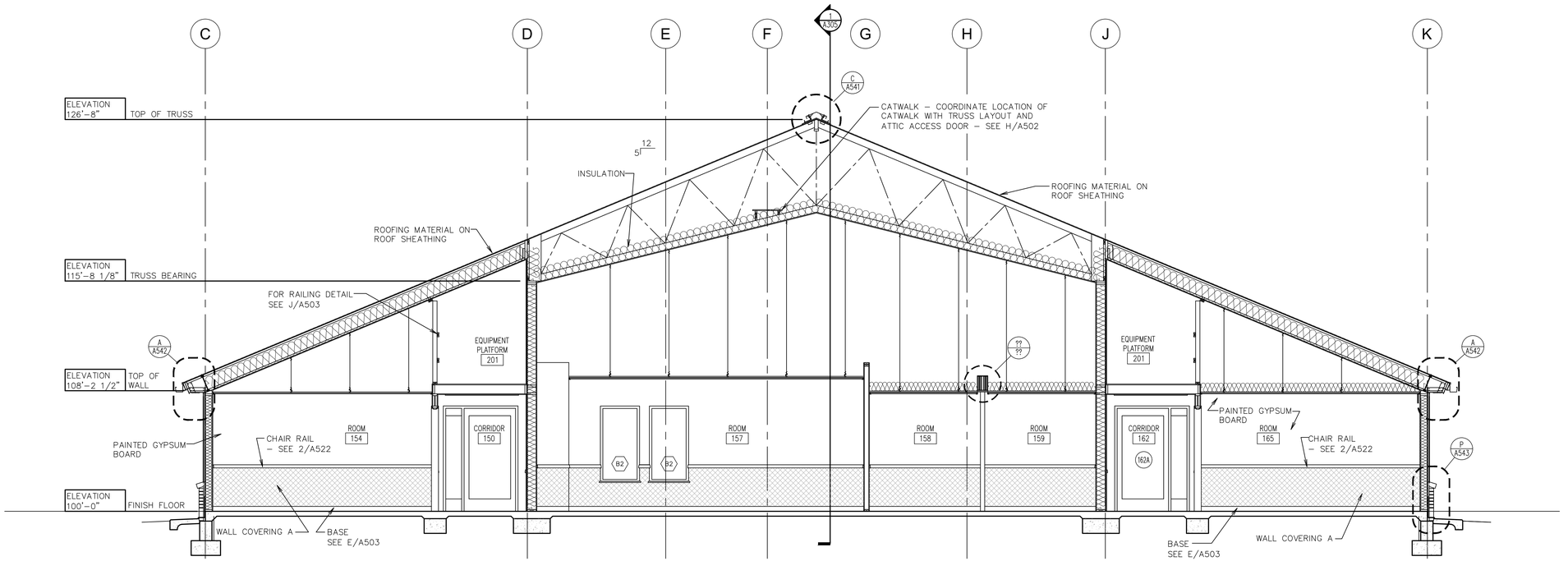
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50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number: 24-078.00
Work Order No.: -
LDS Prop. No.: 5004685240201

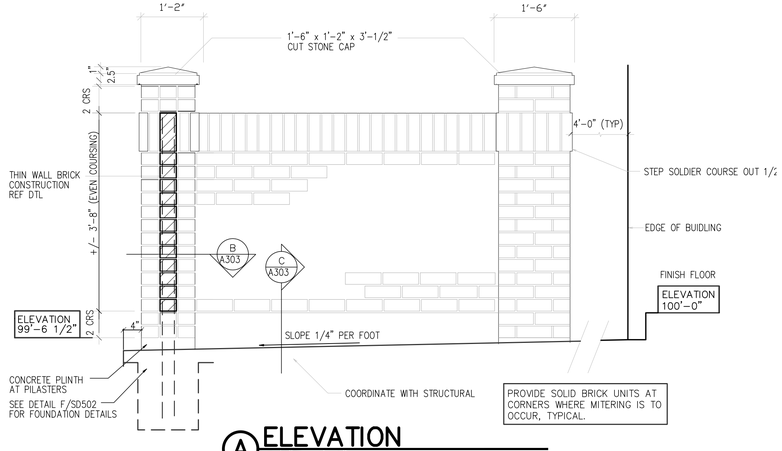
Sheet Title:
BUILDING SECTIONS

July 24 2025

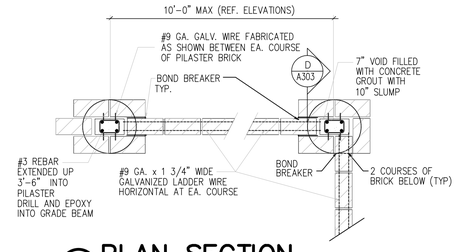
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A302



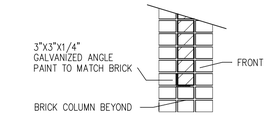
1 BUILDING SECTION
1/4" = 1'-0"



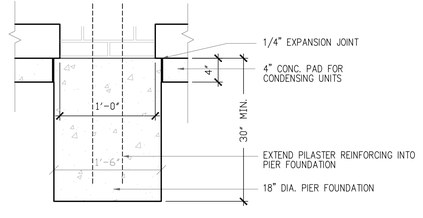
A ELEVATION
3/4" = 1'-0"



B PLAN SECTION
3/4" = 1'-0"



C SECTION BRICK FENCE
3/4" = 1'-0"



D SCREENWALL FOUNDATION
SCALE: 1 1/2" = 1'-0"

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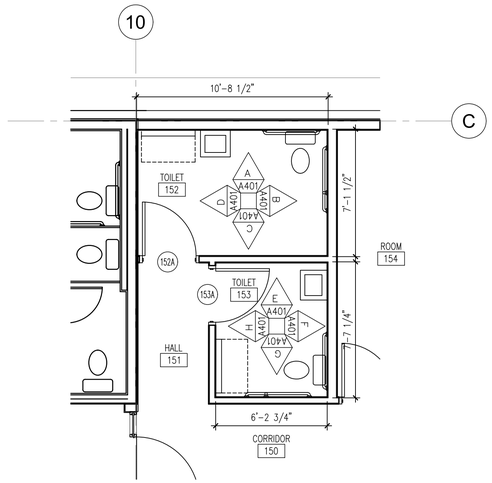
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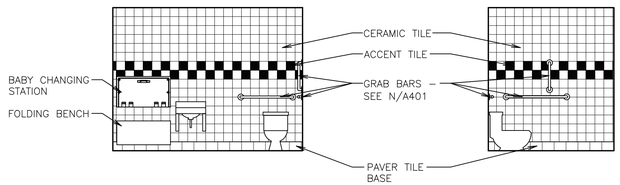
Sheet Title:
BUILDING SECTIONS

July 24 2025

Sheet:
A303

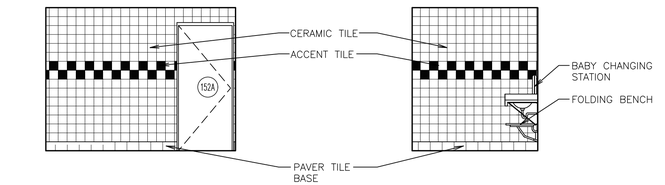


1 ENLARGED PLAN TOILET 152 TOILET 153
1/4" = 1'-0"



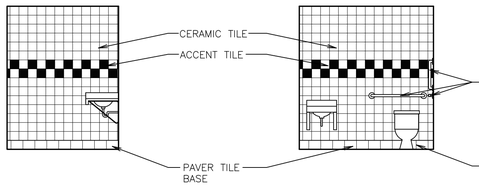
A ELEVATION TOILET 152
1/4" = 1'-0"

B ELEVATION TOILET 152
1/4" = 1'-0"



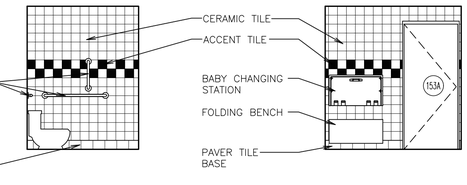
C ELEVATION TOILET 152
1/4" = 1'-0"

D ELEVATION TOILET 152
1/4" = 1'-0"



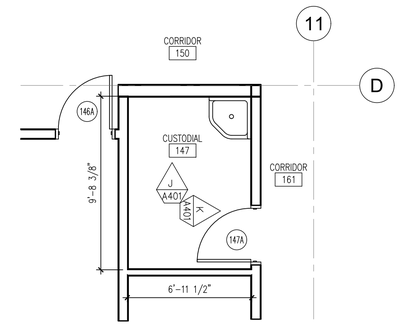
E ELEVATION TOILET 153
1/4" = 1'-0"

F ELEVATION TOILET 153
1/4" = 1'-0"

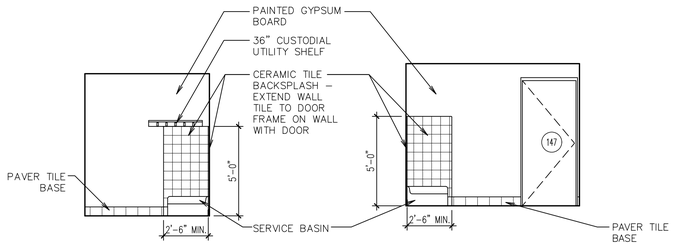


G ELEVATION TOILET 153
1/4" = 1'-0"

H ELEVATION TOILET 153
1/4" = 1'-0"

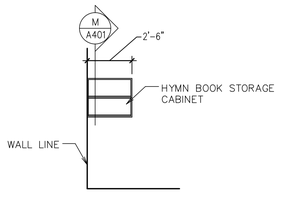


2 ENLARGED PLAN CUSTODIAL 147
1/4" = 1'-0"

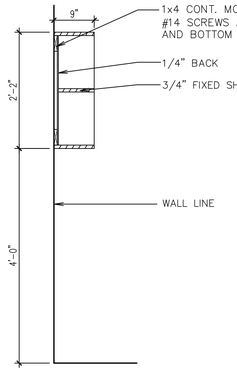


J ELEVATION CUSTODIAL 147
1/4" = 1'-0"

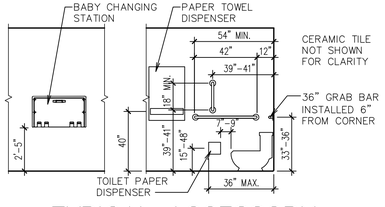
K ELEVATION CUSTODIAL 147
1/4" = 1'-0"



L ELEVATION ROOM 157
1/4" = 1'-0"



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



TYPICAL ACCESSORY MOUNTING LOCATION
N 1/4" = 1'-0"

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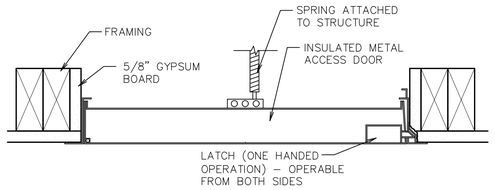
Sheet Title:
ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAILS

July 24 2025

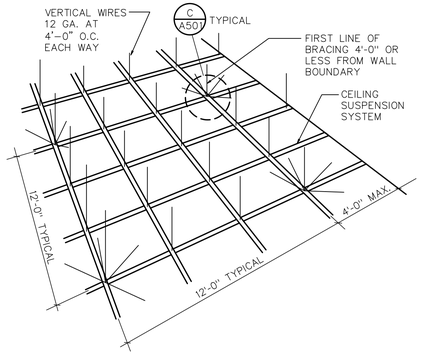
Sheet:
A401

NOTE
1. 22"x30" WALL ACCESS DOORS AT EQUIPMENT PLATFORM, SWUNG AS SHOWN ON EQUIPMENT PLATFORM PLAN.
2. 24"x24" DOWNWARD-SWINGING CEILING ACCESS DOORS AT CLERKS OFFICES.
3. 22"x30" UPWARD-SWINGING CEILING ACCESS DOORS AT VESTIBULES.

NOTE
AT UPWARD SWINGING CEILING ACCESS DOORS, PROVIDE A CATCH THAT HOLDS THE DOOR IN THE OPEN POSITION.

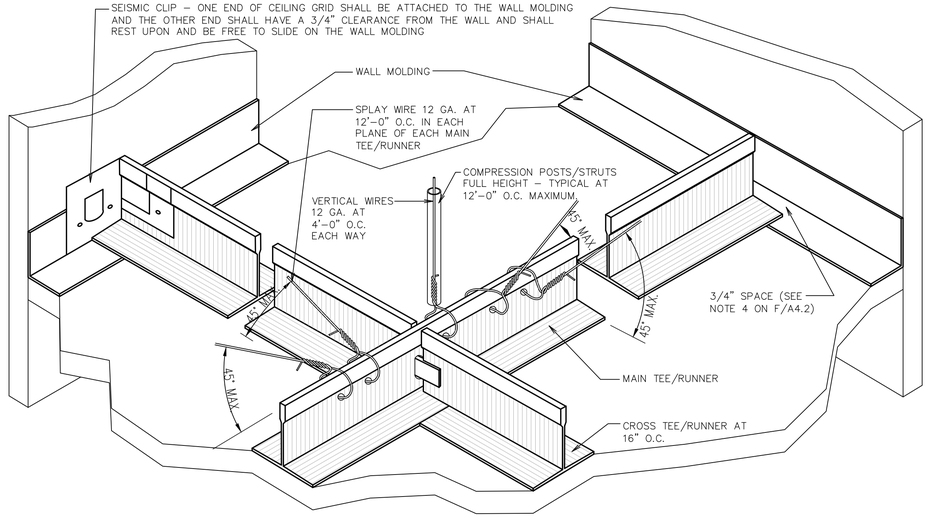


A WALL AND CEILING ACCESS DOOR
3" = 1'-0"

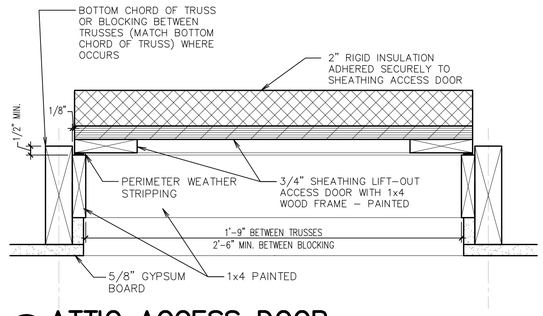


NOTES:
1. SPLAY WIRE BRACING AND COMPRESSION POSTS/STRUTS ARE ONLY REQUIRED IN SEISMIC DESIGN CATEGORIES D, E, F.
2. AREAS SMALLER THAN 1000 SQ. FT. AND WITH WALLS ON FOUR SIDES EXTENDING TO THE STRUCTURE NEED NOT HAVE SPLAY WIRE REINFORCING. BOUNDARY WALLS MUST BE BRACED TOP AND BOTTOM INDEPENDENT OF CEILING TO QUALIFY.
3. SEISMIC CLIP IS REQUIRED IN SEISMIC DESIGN CATEGORIES D, E AND F.
4. THE 2" HORIZONTAL LEG ON WALL MOLDING IS REQUIRED ONLY IN SEISMIC DESIGN CATEGORIES D, E AND F. WITH CC-ES EVALUATION REPORT, A 7/8" LEG WOULD BE ACCEPTABLE WITH PROPER SEISMIC CLIP.

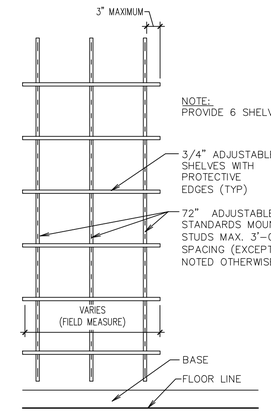
B CEILING SUSPENSION SYSTEM
NOT TO SCALE
FOR METAL ACOUSTICAL SUSPENSION ASSEMBLIES
(SIMILAR FOR METAL SUSPENSION SYSTEM WITH GYPSUM BOARD)



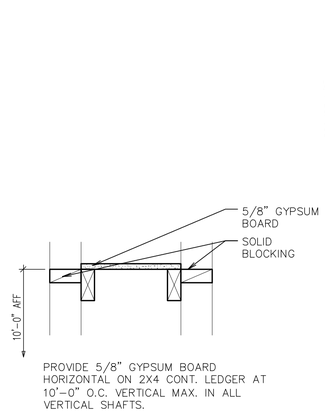
C CEILING SUSPENSION GRID
NOT TO SCALE



D ATTIC ACCESS DOOR
3" = 1'-0"

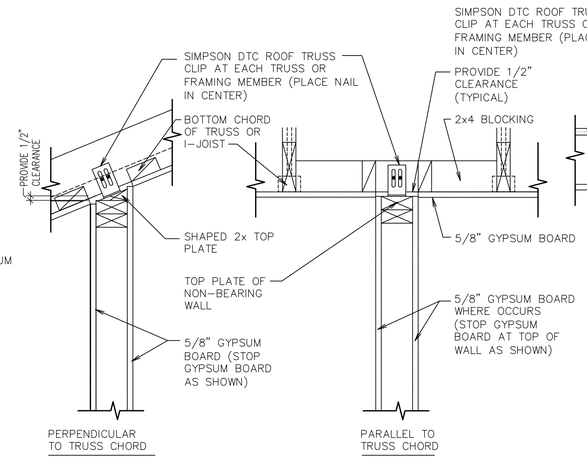


E ADJUSTABLE SHELVES
3/4" = 1'-0"



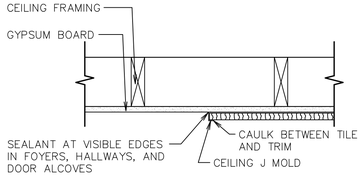
PROVIDE 5/8" GYPSUM BOARD HORIZONTAL ON 2X4 CONT. LEDGER AT 10'-0" O.C. VERTICAL MAX. IN ALL VERTICAL SHAFTS.

F FIRE BLOCKING
1 1/2" = 1'-0"

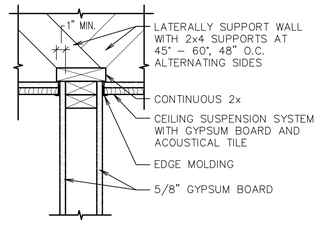


G TOP OF WALL
1 1/2" = 1'-0"

H TOP OF WALL
1 1/2" = 1'-0"

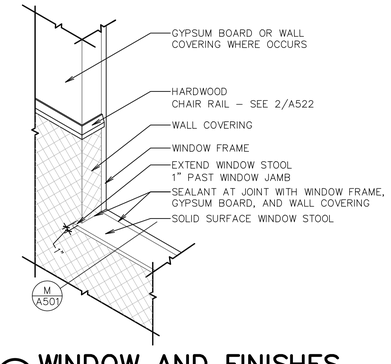


J CEILING TILE EDGE
1 1/2" = 1'-0"

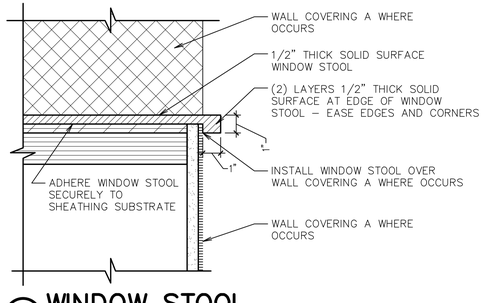


NOTE: CONDITION AT ALL INTERIOR STUD WALLS THAT TERMINATE AT CEILING LINE – WHERE CEILING FRAMING DOES NOT OCCUR

K TOP OF WALL
1 1/2" = 1'-0"



L WINDOW AND FINISHES
NOT TO SCALE



M WINDOW STOOL
3" = 1'-0"

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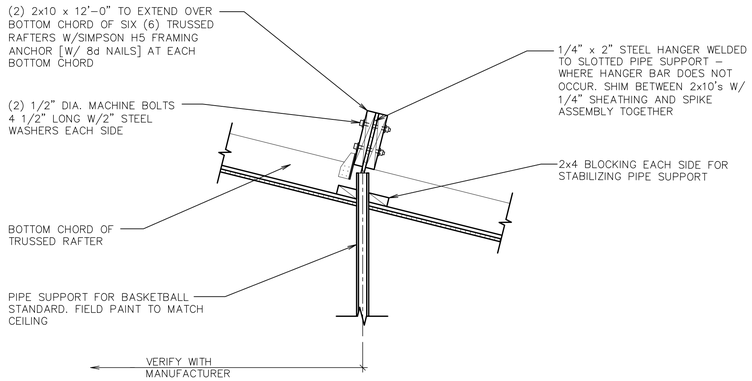
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SALT LAKE CITY, UT 84150

GHN Project Number: 24-078.00
Work Order No.: -
LDS Prop. No.: 5004685240201

Sheet Title:
ARCHITECTURAL DETAILS

July 24 2025

Sheet:
A501



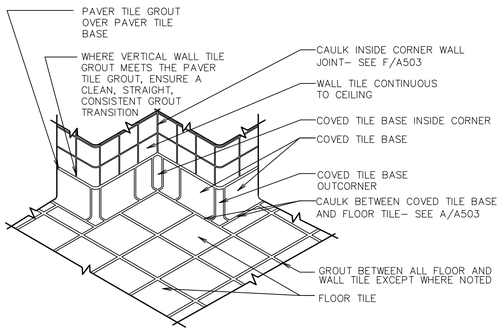
(A) NOT USED
1/2" = 1'-0"

(B) NOT USED
3" = 1'-0"

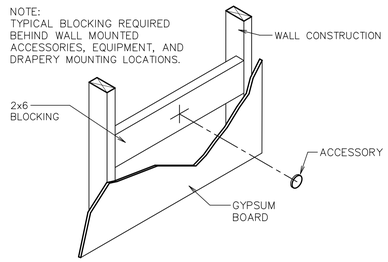
(C) NOT USED
3" = 1'-0"

(D) BASKETBALL STANDARD DETAIL
1" = 1'-0"

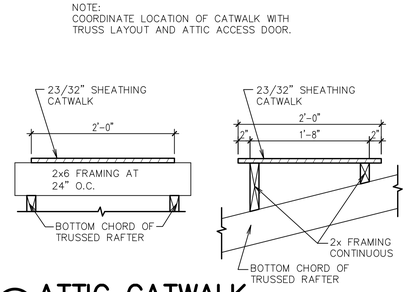
(E) NOT USED
1 1/2" = 1'-0"



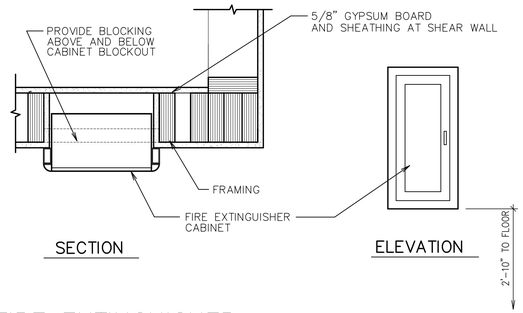
(F) TILE DETAIL
NOT TO SCALE



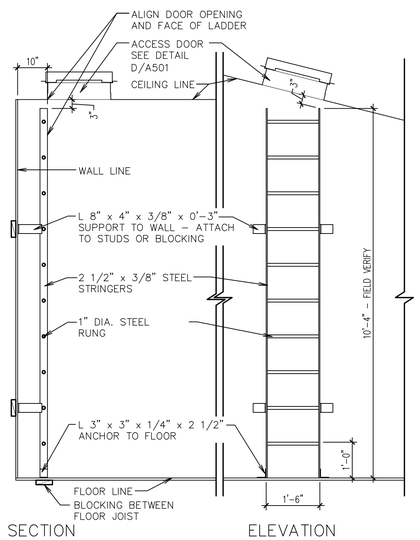
(G) ACCESSORY MOUNTING DETAIL
NOT TO SCALE



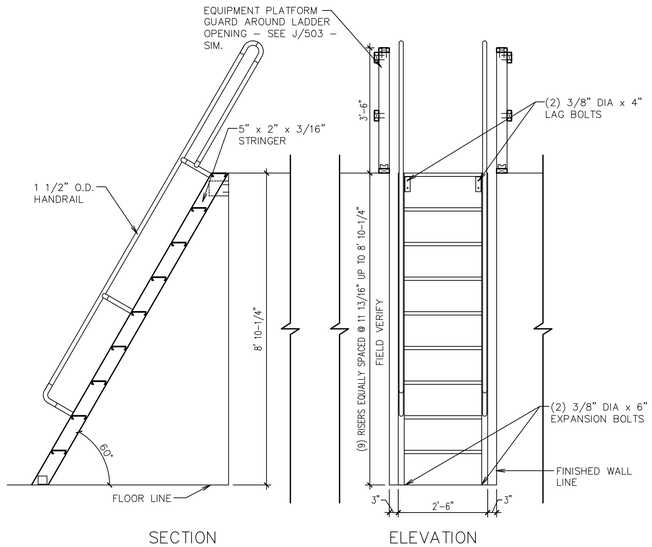
(H) ATTIC CATWALK
1" = 1'-0"



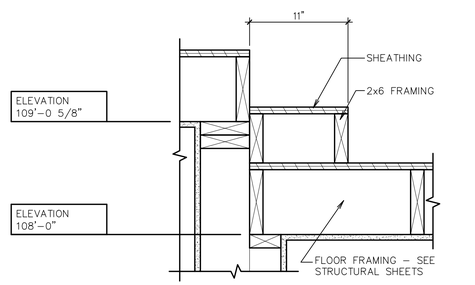
FIRE EXTINGUISHER CABINET DETAILS (J)
1 1/2" = 1'-0"



(K) ATTIC LADDER
1/2" = 1'-0"



(L) SHIPS LADDER
1/2" = 1'-0"



(M) EQUIPMENT PLATFORM STEPS
1 1/2" = 1'-0"

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

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NEW MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MH ADDITION
SPRINGDALE AR STAKE
801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

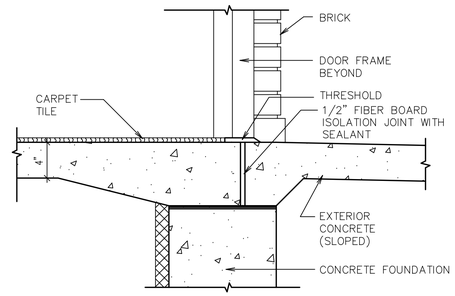
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number: 24-078.00
Work Order No.: -
LDS Prop. No.: 500468524020 1

Sheet Title: ARCHITECTURAL DETAILS

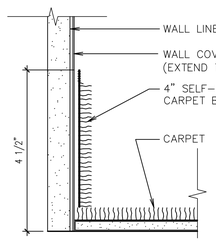
July 24 2025

Sheet: A502

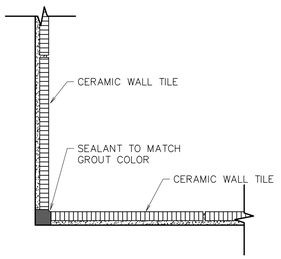


(A) NOT USED
3" = 1'-0"

(B) THRESHOLD
1 1/2" = 1'-0"

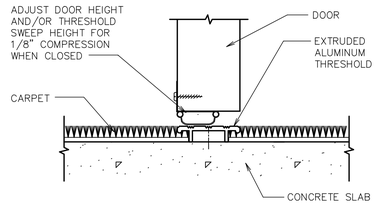


(E) CARPET BASE
6" = 1'-0"

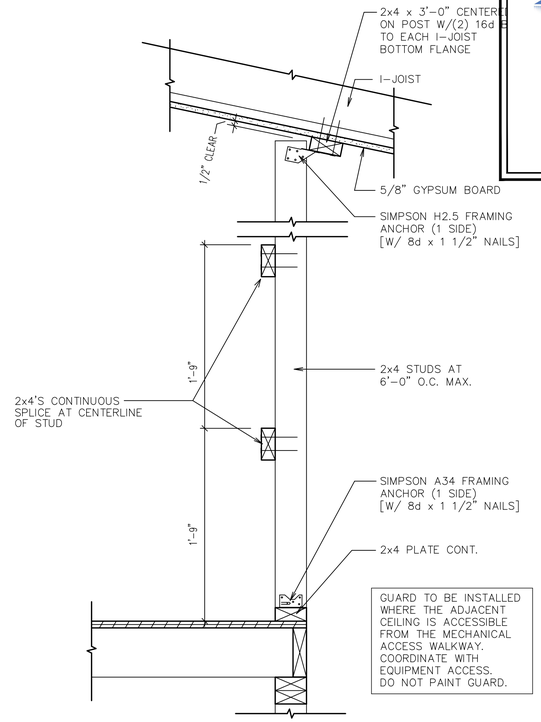


(F) CERAMIC WALL TILE INSIDE CORNER
6" = 1'-0"

(G) NOT USED
1 1/2" = 1'-0"



(H) SOUND THRESHOLD
6" = 1'-0"



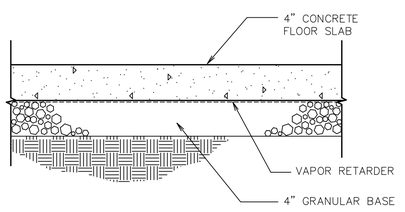
(J) EQUIPMENT PLATFORM GUARD
1 1/2" = 1'-0"

(K) NOT USED
3/4" = 1'-0"

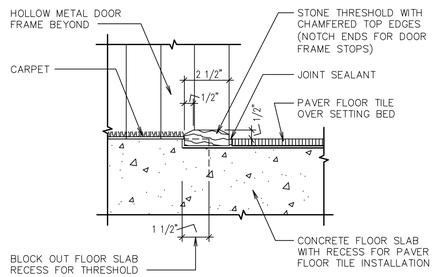
(L) NOT USED
1 1/2" = 1'-0"

(M) NOT USED
NOT TO SCALE

(N) NOT USED
1 1/2" = 1'-0"



(P) VAPOR RETARDER
1 1/2" = 1'-0"



(Q) STONE THRESHOLD
3" = 1'-0"

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ARCHITECTURE: C-358
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SALT LAKE CITY, UT 84150

GHN Project Number:
24-078.00
Work Order No.:
-
LDS Prop. No.:
5004685240201

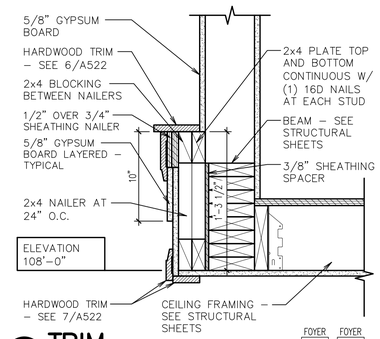
Sheet Title:
ARCHITECTURAL DETAILS

July 24 2025

Sheet:
A503

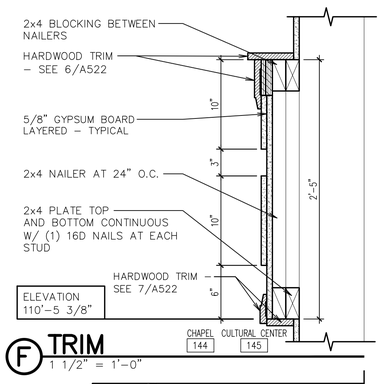
A NOT USED
1 1/2" = 1'-0"

B NOT USED
1 1/2" = 1'-0"

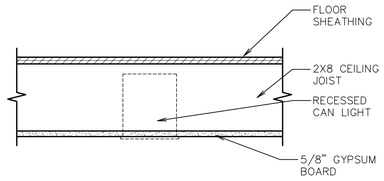


C TRIM
1 1/2" = 1'-0"

D NOT USED
1 1/2" = 1'-0"

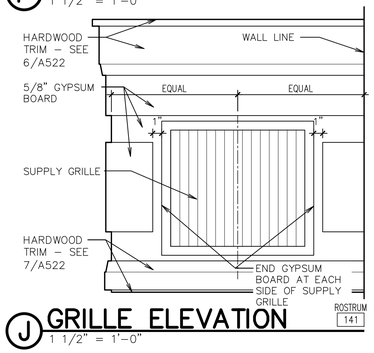


F TRIM
1 1/2" = 1'-0"



G TYPICAL RECESSED LIGHT
1 1/2" = 1'-0"

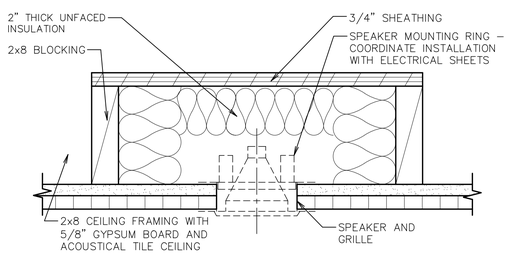
H NOT USED
1 1/2" = 1'-0"



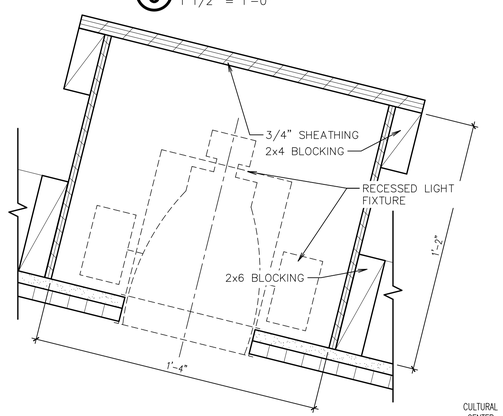
J GRILLE ELEVATION
1 1/2" = 1'-0"

N NOT USED
1" = 1'-0"

E NOT USED
1 1/2" = 1'-0"



L TYPICAL 4" SPEAKER ENCLOSURE
3" = 1'-0"



M LIGHT ENCLOSURE DETAIL
3" = 1'-0"

K NOT USED
1 1/2" = 1'-0"

P NOT USED
1/2" = 1'-0"

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
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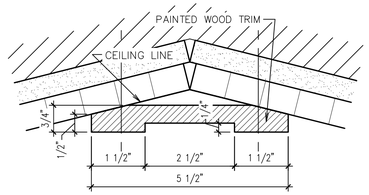
Project for:
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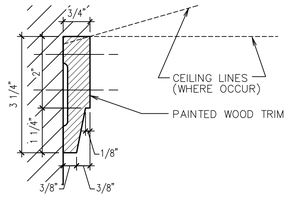
Sheet Title:
LIGHT COVE AND CEILING TRIM DETAILS

July 24 2025

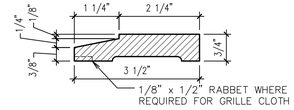
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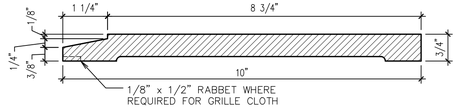
1 PAINTED WOOD TRIM
6" = 1'-0"



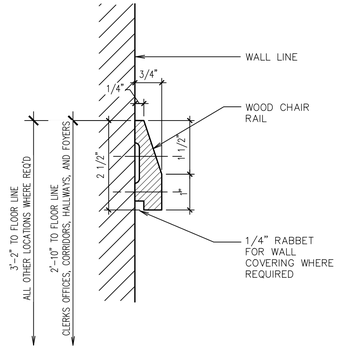
4 PAINTED WOOD TRIM
6" = 1'-0"



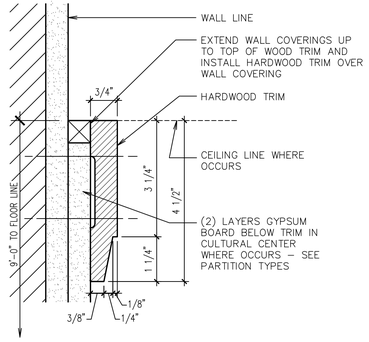
8 HARDWOOD TRIM
6" = 1'-0"



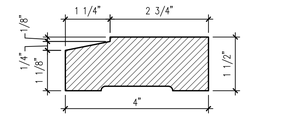
13 HARDWOOD TRIM
6" = 1'-0"



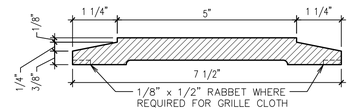
2 HARDWOOD CHAIR RAIL
6" = 1'-0"



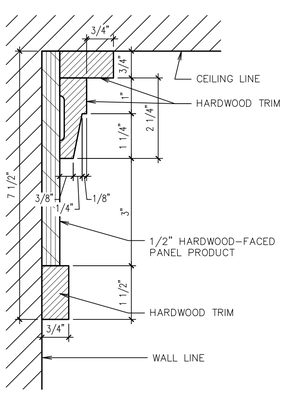
5 HARDWOOD TRIM
6" = 1'-0"



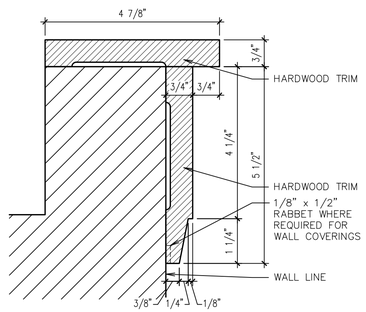
9 HARDWOOD TRIM
6" = 1'-0"



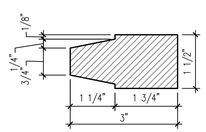
10 HARDWOOD TRIM
6" = 1'-0"



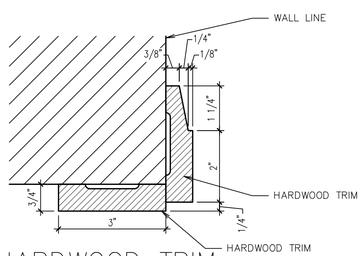
3 HARDWOOD TRIM
6" = 1'-0"



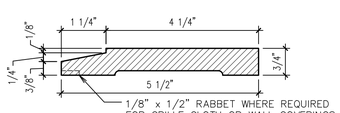
6 HARDWOOD TRIM
6" = 1'-0"



11 HARDWOOD TRIM
6" = 1'-0"



7 HARDWOOD TRIM
6" = 1'-0"



12 HARDWOOD TRIM
6" = 1'-0"

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ARCHITECTURE: C-358
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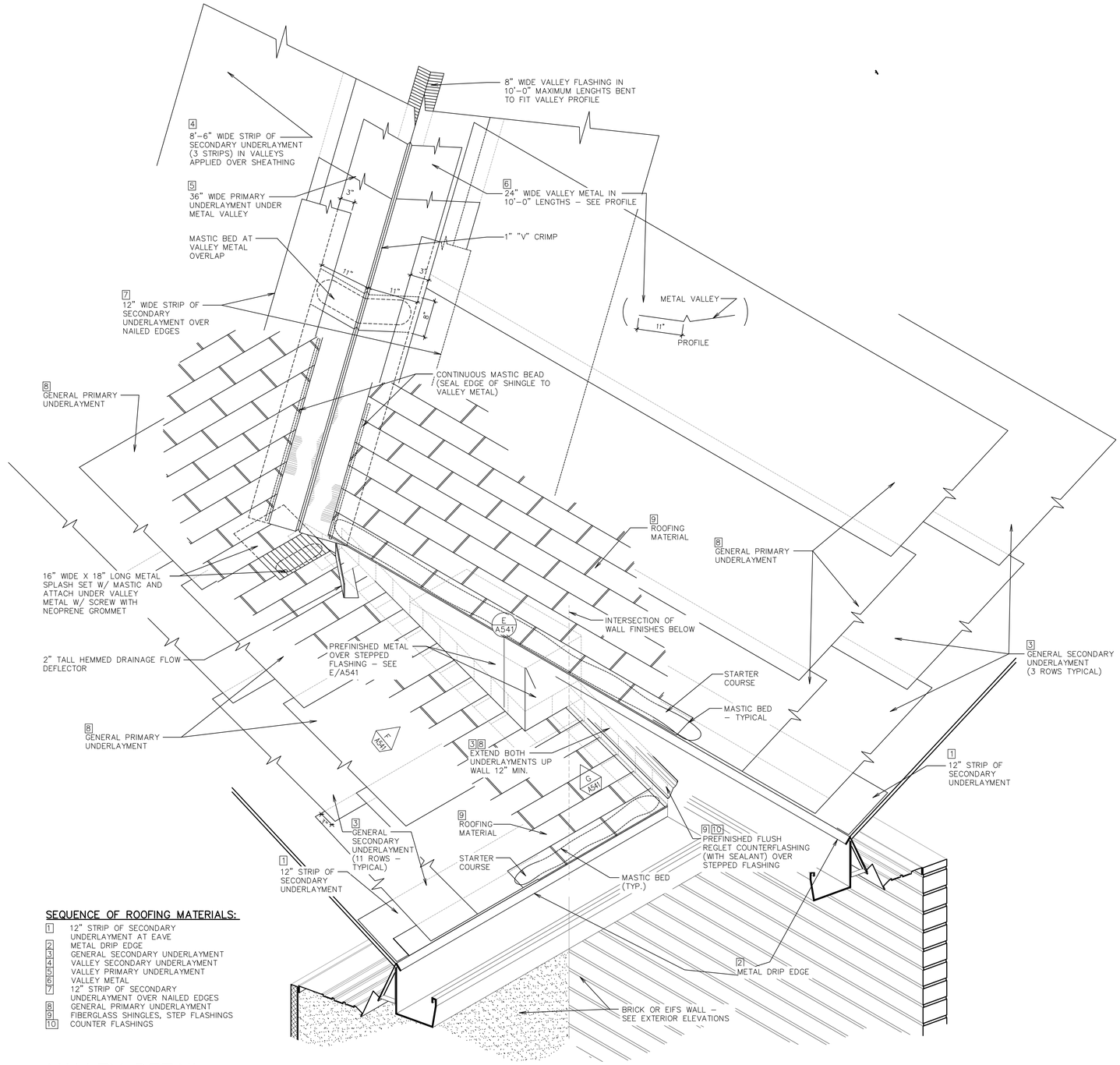
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GHN Project Number:
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Sheet Title:
TRIM
DETAILS

July 24 2025

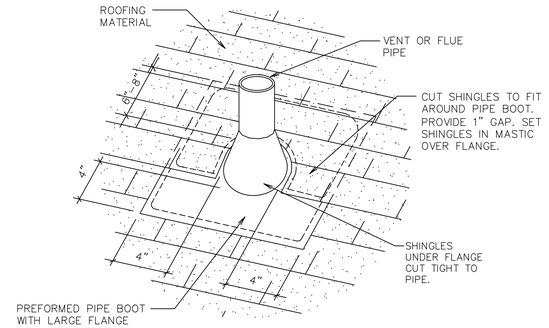
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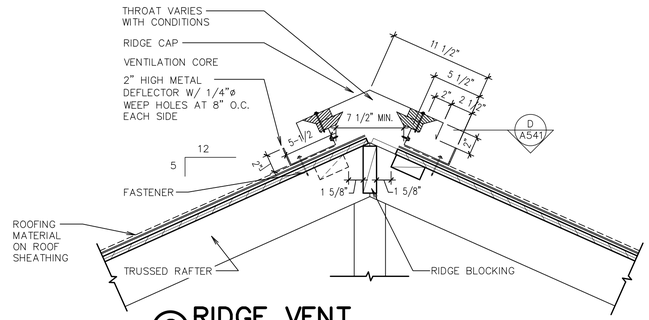
SEQUENCE OF ROOFING MATERIALS:

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
7	12" STRIP OF SECONDARY UNDERLAYMENT OVER NAILED EDGES
8	GENERAL PRIMARY UNDERLAYMENT
9	FIBERGLASS SHINGLES, STEP FLASHINGS
10	COUNTER FLASHINGS

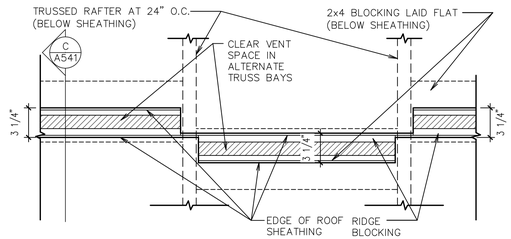
(A) VALLEY DETAIL
1 1/2" = 1'-0"



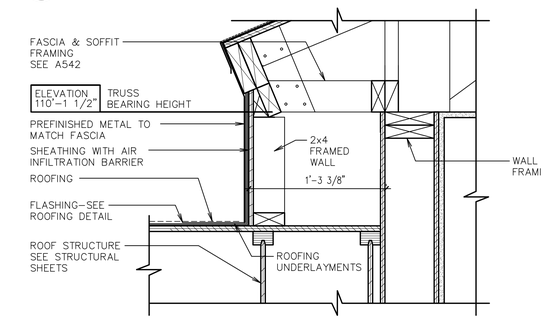
(B) PIPE BOOT FLANGE DETAIL
SCALE: NONE



(C) RIDGE VENT
1 1/2" = 1'-0"



(D) RIDGE VENTILATION
1 1/2" = 1'-0"



(E) NOT USED
1 1/2" = 1'-0"

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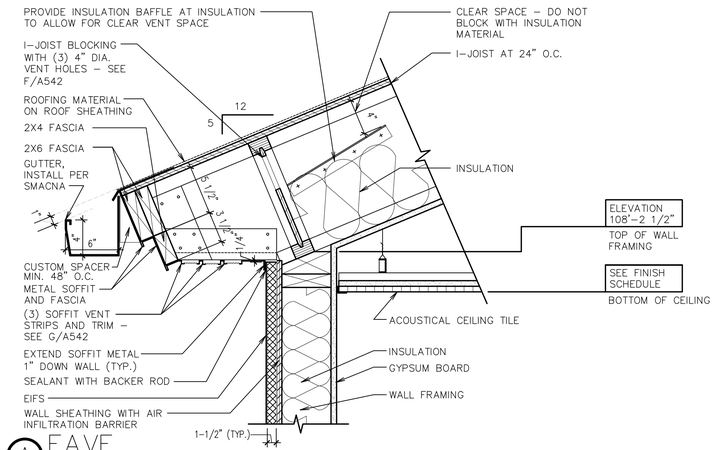
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Sheet Title: ROOFING DETAILS

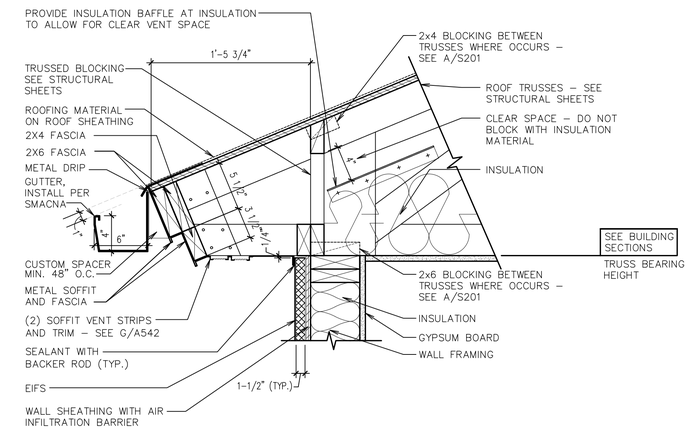
July 24 2025

Sheet: A541



A EAVE
1 1/2" = 1'-0"

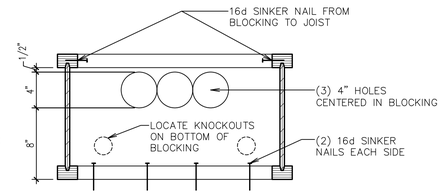
B NOT USED
1 1/2" = 1'-0"



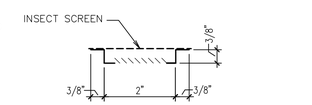
C EAVE
1 1/2" = 1'-0"

D RAKE
1 1/2" = 1'-0"

E RAKE
1 1/2" = 1'-0"



F ATTIC VENTILATION
1 1/2" = 1'-0"



G TYPICAL SOFFIT VENT PROFILE
6" = 1'-0"

H METAL SOFFIT PROFILE
6" = 1'-0"

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

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C358
STATE OF ARKANSAS
7/24/2025

NEW MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MH ADDITION
SPRINGDALE AR STAKE

801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

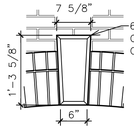
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number:
24-078.00
Work Order No.:
-
LDS Prop. No.:
5004685240201

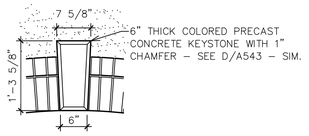
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ROOFING DETAILS

July 24 2025

Sheet:
A542

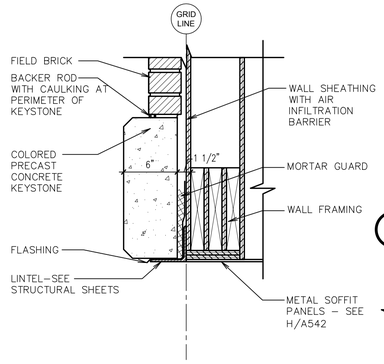


B KEYSTONE DETAIL
3/4" = 1'-0"

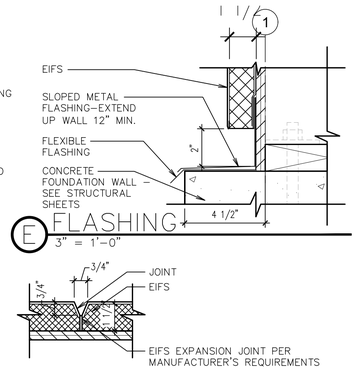


A NOT USED
1 1/2" = 1'-0"

C KEYSTONE DETAIL
3/4" = 1'-0"



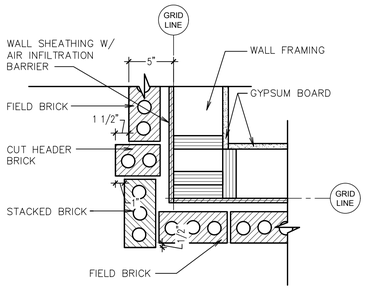
D KEYSTONE SECTION
1 1/2" = 1'-0"



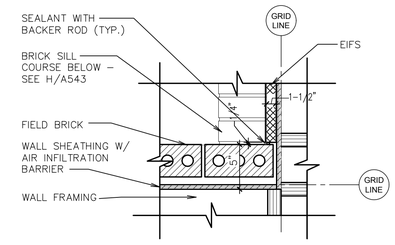
E FLASHING
3" = 1'-0"

F EIFS EXPANSION JOINT
3" = 1'-0"

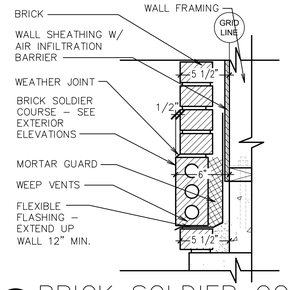
G NOT USED
1 1/2" = 1'-0"



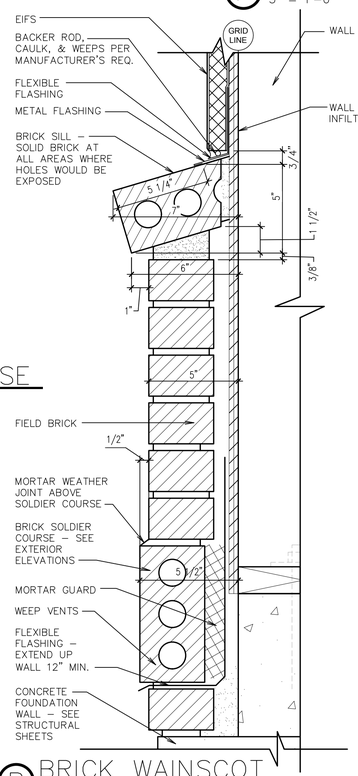
H BRICK OUTSIDE CORNER
1 1/2" = 1'-0"



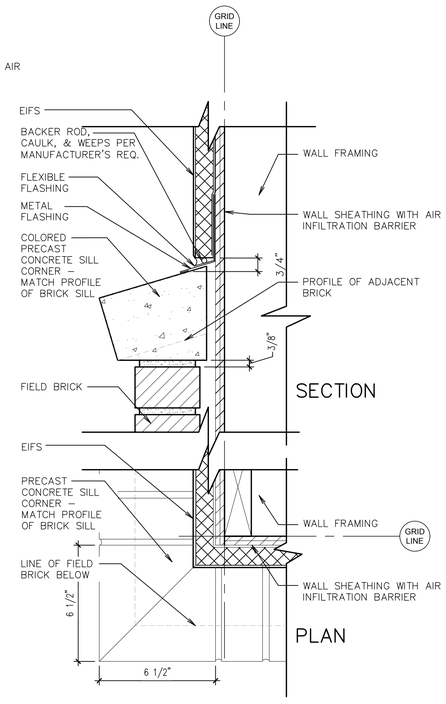
J INSIDE CORNER TRANSITION
1 1/2" = 1'-0"



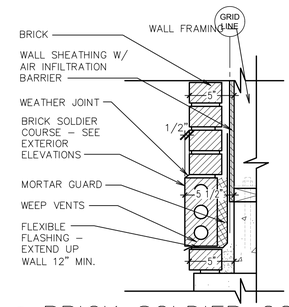
K BRICK SOLDIER COURSE
1 1/2" = 1'-0"



P BRICK WAINSCOT
3" = 1'-0"

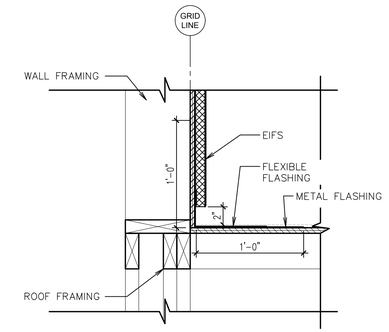


Q PRECAST CONCRETE SILL CORNER
3" = 1'-0"



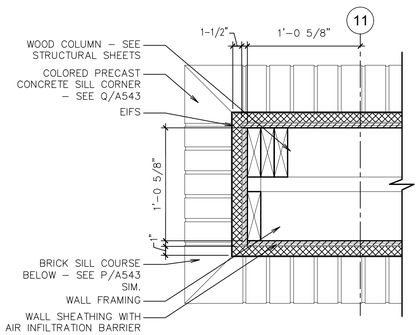
L BRICK SOLDIER COURSE
1 1/2" = 1'-0"

M NOT USED
1 1/2" = 1'-0"



N WALL TO ROOF
1 1/2" = 1'-0"

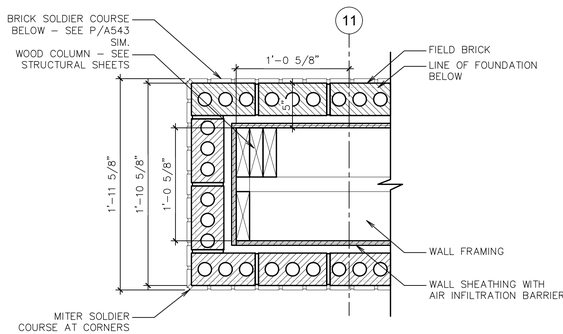
P BRICK WAINSCOT
3" = 1'-0"



R NOT USED
1 1/2" = 1'-0"

S NOT USED
1 1/2" = 1'-0"

T REAR ENTRY COLUMN
1 1/2" = 1'-0"



U REAR ENTRY COLUMN
1 1/2" = 1'-0"

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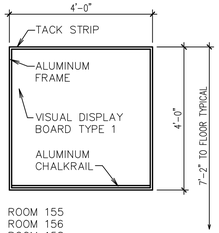
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Sheet Title: ARCHITECTURAL DETAILS

July 24 2025

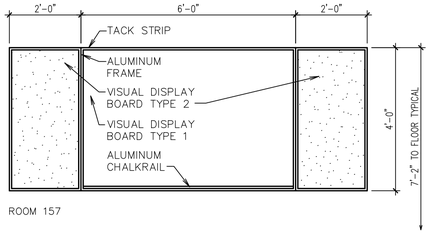
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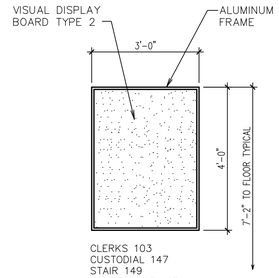
ROOM 155
ROOM 156
ROOM 158
ROOM 159
ROOM 160
ROOM 163
MATERIALS CENTER 164,165,166

V1 VISUAL DISPLAY BOARD

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



ROOM 157



CLERKS 103
CUSTODIAL 147
STAIR 149
AV STORAGE 127

V4 VISUAL DISPLAY BOARD

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

V5 VISUAL DISPLAY BOARD

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

VISUAL DISPLAY BOARD SCHEDULE

TYPE 1 – CHALKBOARD
TYPE 2 – TACKBOARD
TYPE 3 – MARKERBOARD
TYPE 4 – DISPLAY CABINET

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALL	SPECIAL TRIM OR EQUIPMENT
101	OFFICE	F1	B1	W10	EXISTING*
102	HALLWAY	F1	B1	W10	EXISTING*
103	CLERKS	F1	B1	W10	EXISTING*
104	FOYER	F1	B1	W10	EXISTING*
105	VESTIBULE	F6	B1	W11	EXISTING*
106	HALLWAY	F1	B1	W10	EXISTING*
107	RESTROOM	F9	B7	W11	EXISTING*
108	STORAGE	F6	B1	W11	EXISTING*
109	ELECTRICAL	F9	B7	W9	EXISTING
110	ROOM	F1	B1	W10	EXISTING*
111	HALLWAY	F1	B1	W10	EXISTING*
112	MEN	F9	B7	W9	EXISTING*
113	ROOM	F1	B1	W10	EXISTING*
114	FONT	F9	B7	W11	EXISTING*
115	WOMEN	F9	B7	W11	EXISTING*
116	HALLWAY	F1	B1	W10	EXISTING*
117	CORRIDOR	F1	B1	W10	EXISTING*
118	DEMO				
119	DEMO				
120	DEMO				
121	DEMO				
122	DEMO				
123	DEMO				
124	DEMO				
125	DEMO				
126	DEMO				
127	DEMO				
128	CORRIDOR	F1	B1	W10	EXISTING*
129	MATERIALS CENTER	F1	B1	W10	EXISTING*
130	ROOM	F1	B1	W10	EXISTING*
131	SERVING AREA	F9	B7	W11	EXISTING*
132	MOTHERS' ROOM	F1	B1	W10	EXISTING*
133	HALLWAY	F1	B1	W10	EXISTING*
134	RESTROOM	F9	B7	W11	EXISTING*
135	FIRE RISER	F9	B7	W9	EXISTING
136	FOYER	F1	B1	W10	EXISTING*
137	VESTIBULE	F6	B1	W11	EXISTING*
138	HALLWAY	F1	B1	W10	EXISTING*
139	CLERKS	F1	B1	W10	EXISTING*
140	OFFICE	F1	B1	W10	EXISTING*
141	ROSTRUM	F1	B1	W11	EXISTING* , NOTE ONLY REPAINT PAINTED SURFACES
142	STOR./SOUND EQUIP.	F1	B1	W11	EXISTING*
143	SACRAMENT PREP.	F1	B1	W11	EXISTING*
144	CHAPEL	F1	B1	W11	EXISTING* NOTE ONLY REPAINT PAINTED SURFACES
145	CULTURAL CENTER	F2	B3	W1, W5	S1, S4, S7, S14, S17, S22 *
146	CULTURAL CENTER	F2	B3	W1, W5	S1, S4, S7, S14, S22
147	CUSTODIAL	F3	B2	W3, W5	S13
148	STORAGE	F6	B1	W7	S24
149	STAIR	F6, F4	B3	W5	S15
150	CORRIDOR	F1, F6	B1	W4	S2, S10
151	HALL	F1	B1	W4	S2
152	TOILET	F3	B2	W3	S18
153	TOILET	F3	B2	W3	S18
154	ROOM	F1	B1	W4	S2
155	ROOM	F1	B1	W4	S2
156	ROOM	F1	B1	W4	S2
157	ROOM	F1	B1	W4	S2, S3, S22
158	ROOM	F1	B1	W4	S2
159	ROOM	F1	B1	W4	S2
160	ROOM	F1	B1	W4	S2
161	CORRIDOR	F1	B1	W4	S2
162	CORRIDOR	F1, F6	B1	W4	S2, S10
163	ROOM	F1	B1	W4	S2
164	ROOM	F1	B1	W4	S2
165	ROOM	F1	B1	W4	S2
166	ROOM	F1	B1	W4	S2
201	EQUIPMENT PLATFORM	F5	B6	W6	S11
202	ORGAN CHAMBER	F9	B7	W9	EXISTING

* REMOVE VISUAL DISPLAY BOARDS, SIGNAGE AND OTHER ITEMS PRIOR TO REPAINTING. REINSTALL AFTER REPAINTING.

DESCRIPTION

F FLOOR

F1 CARPET
F2 SPORT FLOOR SYSTEM
F3 PAVER TILE
F4 CONCRETE – PAINTED
F5 FLOOR SHEATHING – PAINTED
F6 CARPET TILE
F7 CERAMIC TILE
F8 CONCRETE – SEALED
F9 EXISTING TO REMAIN

B BASE

B1 CARPET – SEE E/A503
B2 PAVER TILE – SEE A/A503
B3 4" RUBBER
B4 NOT USED
B5 NOT USED
B6 NONE
B7 EXISTING TO REMAIN

W WALLS ALL PAINT IS COLOR LEVEL II UNLESS NOTED OTHERWISE

W1 WALL COVERING "A"
W2 NOT USED
W3 CERAMIC TILE
W4 WALL COVERING "A" WAINSCOT WITH TEXTURED AND PAINTED GYPSUM BOARD ABOVE
W5 GYPSUM BOARD – TEXTURED AND PAINTED
W6 GYPSUM BOARD – TAPED – NOT PAINTED
W7 WALL COVERING "A" OVER WALL SHEATHING
W8 WALL SHEATHING – PAINTED
W9 EXISTING TO REMAIN
W10 NEW WALL COVERING "A" WAINSCOT WITH REPAINTED GYPSUM BOARD ABOVE
W11 REPAINT EXISTING GYPSUM BOARD

C CEILING

C1 CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD AND ACOUSTICAL TILE
C2 CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD – TEXTURED AND PAINTED
C3 CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD – PAINTED
C4 GYPSUM BOARD AND ACOUSTICAL TILE
C5 GYPSUM BOARD – TEXTURED AND PAINTED
C6 GYPSUM BOARD – TAPED – NOT PAINTED
C7 CEILING SHEATHING – PAINTED
C8 NONE

S SPECIAL TRIM OR EQUIPMENT

S1 WOOD TRIM
S2 CHAIR RAIL – SEE 2/A522
S3 CABINETS
S4 DECORATION ANCHORS – SEE SHEETS A302 & A305
S5 TELEPHONE BOARD
S6 SOUND MAIN EQUIPMENT CABINET
S7 SOUND CONTROL PANEL
S8 ELECTRIC WATER COOLER
S9 ELECTRIC PANEL
S10 FIRE EXTINGUISHER CABINET – SEE J/A502
S11 WALL MOUNTED FIRE EXTINGUISHER
S12 HANDRAIL
S13 CUSTODIAL UTILITY SHELF – SEE G/A401
S14 ACOUSTICAL WALL PANELS
S15 SHIPS LADDER – (RE-INSTALL EXISTING)
S16 24" DEEP SHELVES – SEE SD401
S17 DIMMER SWITCH CABINET – E/A502 (EXISTING)
S18 BABY CHANGING STATION
S19 UTILITY SHELF
S22 HYMN BOOK STORAGE CABINET – SEE P/A402
* INSTALL NEW WALL COVERING A AND REPAINT WALLS

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
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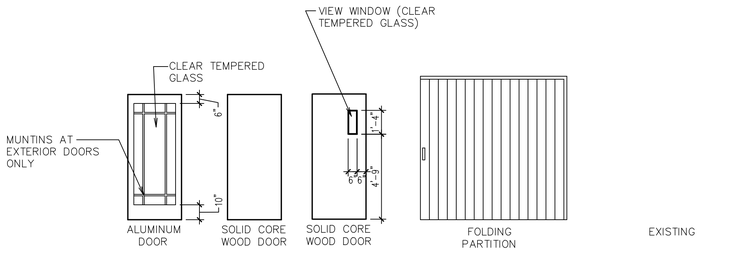
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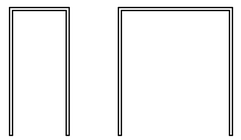
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FINISH SCHEDULE

July 24 2025

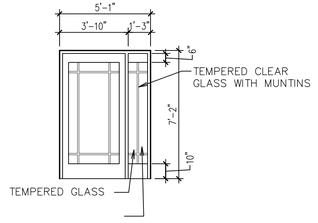
Sheet:
A601



DOOR TYPES

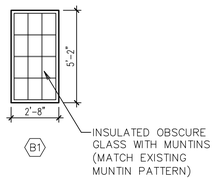


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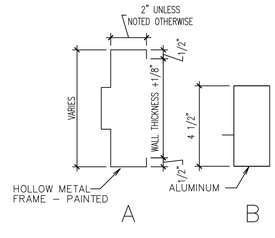
5

FRAME TYPES



WINDOW TYPES

ALL WINDOW DIMENSIONS ARE ROUGH OPENING SIZES



FRAME PROFILES

DOOR AND FRAME SCHEDULE

	DOOR				FRAME					MISCELLANEOUS						
	SIZE							DETAIL				HARDWARE				
MARK	WIDTH	HGT	TYPE	GLAZING	PROFILE	THROAT	TYPE	HEAD	JAMB	THRESHOLD	FIRE RATING	GROUP	KEYING	DOOR STOP	REMARKS	MARK
101A	3'–0"	7'–0"	EX													101A
103A	3'–0"	7'–0"	EX													103A
105A	PR 3'–0"	7'–0"	EX													105A
105B	PR 3'–0"	7'–0"	EX													105B
107A	3'–0"	7'–0"	EX													107A
108A	3'–0"	7'–0"	EX													108A
109A	3'–0"	7'–0"	EX													109A
110A	3'–0"	7'–0"	EX													110A
112A	3'–0"	7'–0"	EX													112A
113A	3'–0"	7'–0"	EX													113A
114A	PR 3'–0"	8'–0"	EX													114A
114B	3'–0"	7'–0"	EX													114B
114C	3'–0"	7'–0"	EX													114C
115A	3'–0"	7'–0"	EX													115A
* 117A	3'–6"	7'–0"	AL	G1	B		5	G/A603	H/A603	T1	NFR	ST2		DS–4	R4	117A
118A	DEMO															118A
119A	DEMO															119A
120A	DEMO															120A
122A	DEMO															122A
123A	DEMO															123A
124A	DEMO															124A
125A	DEMO															125A
126A	DEMO															126A
127A	DEMO															127A
* 128A	3'–6"	7'–0"	AL	G1	B		5	G/A603	H/A603	T1	NFR	ST2		DS–4	R4	128A
129A	3'–0"	7'–0"	EX													129A
130A	3'–0"	7'–0"	EX													130A
130B	3'–6"	7'–0"	EX													130B
131A	3'–0"	7'–0"	EX													131A
131B	PR 2'–0"	7'–0"	EX													131B
132A	3'–0"	7'–0"	EX													132A
134A	3'–0"	7'–0"	EX													134A
135A	3'–0"	7'–0"	EX													135A
137A	PR 3'–0"	7'–0"	EX													137A
137B	PR 3'–0"	7'–0"	EX													137B
139A	3'–0"	7'–0"	EX													139A
140A	3'–0"	7'–0"	EX													140A
142A	3'–0"	7'–0"	EX													142A
143A	3'–0"	7'–0"	EX													143A
144A	PR 3'–0"	7'–0"	EX													144A
144B	PR 3'–0"	7'–0"	EX													144B
145A	3'–0"	7'–0"	EX													145A
145B	3'–0"	7'–0"	EX													145B
146A	3'–0"	7'–0"	WD		A	7 1/2"	1	A/A603	B/A603		NFR	52		DS–6	R1	146A
146B	3'–0"	7'–0"	WD		A	7 1/2"	1	A/A603	B/A603		NFR	52		DS–6	R1	146B
147A	3'–0"	7'–0"	WD		A	1"	1			T3	NFR	20		DS–2		147A
148A	PR 3'–0"	7'–0"	WD		A	7 3/8"	2	A/A603	B/A603	T1	NFR	50 B		DS–6	R1	148A
149A	3'–0"	7'–0"	WD		A	7 1/2"	1	A/A603	B/A603		NFR	23	XAA10	DS–3		149A
150A	3'–6"	7'–0"	AL	G1	B		5	G/A603	H/A603	T1	NFR	ST2		DS–4	R4	150A
152A	3'–0"	7'–0"	WD		A	4 7/8"	1	A/A603	B/A603	T3	NFR	27		DS–2		152A
153A	3'–0"	7'–0"	WD		A	4 7/8"	1	A/A603	B/A603	T3	NFR	27		DS–2		153A
154A	3'–0"	7'–0"	WG1	G2	A	4 7/8"	1	A/A603	B/A603		NFR	20		DS–2		154A
155A	3'–0"	7'–0"	WG1	G2	A	4 7/8"	1	A/A603	B/A603		NFR	20		DS–2		155A
156A	3'–0"	7'–0"	WG1	G2	A	4 7/8"	1	A/A603	B/A603		NFR	20		DS–2		156A
157A	3'–0"	7'–0"	WG1	G2	A	6 7/8"	1	A/A603	B/A603		NFR	25		DS–2		157A
157B	3'–0"	7'–0"	WG1	G2	A	6 7/8"	1	A/A603	B/A603		NFR	25		DS–2		157B
158A	3'–0"	7'–0"	WG1	G2	A	6 7/8"	1	A/A603	B/A603		NFR	20		DS–2		158A
159A	3'–0"	7'–0"	WG1	G2	A	6 7/8"	1	A/A603	B/A603		NFR	20		DS–2		159A
160A	3'–0"	7'–0"	WG1	G2	A	6 7/8"	1	A/A603	B/A603		NFR	20		DS–2		160A
162A	3'–6"	7'–0"	AL	G1	B		5	G/A603	H/A603	T1	NFR	ST2		DS–4	R4	162A
163A	3'–0"	7'–0"	WG1	G2	A	4 7/8"	1	A/A603			NFR	20		DS–2		163A
164A	3'–0"	7'–0"	WG1	G2	A	6 7/8"	1				NFR	20		DS–2		164A
165A	3'–0"	7'–0"	WG1	G2	A	4 7/8"	1	A/A603			NFR	20		DS–2		165A
166A	3'–0"	7'–0"	WG1	G2	A	4 7/8"	1	A/A603			NFR	20		DS–2		166A

WINDOW SCHEDULE

		FRAME DETAIL				
MARK	QUANTITY	HEAD	JAMB	SILL	REMARKS	MARK
B1	6	A/A604	B/A604	C/A604		B1
B2	4	D/A604	E/A604	F/A604		B2

ACOUSTICAL FOLDING PARTITION SCHEDULE

	DOOR				FRAME		MISCELLANEOUS			
		SIZE			DETAIL					
MARK	ROOM	WIDTH	HGT	TYPE	HEAD	JAMB	FIRE RATING	THRESHOLD	REMARKS	MARK
P1	144/145	38'–0 1/4"	15'–10 3/4"	FP	A/A605	B/A605	NFR	T6	FP1	P1
P2	145/146	38'–0 1/4"	15'–10 3/4"	FP	A/A605	B/A605	NFR		FP1	P2
P3	158/159	14'–6"±	8'–0"	FP	C/A605	D/A605	NFR			P3

P1 – EXISTING
P2 – NEW

DESCRIPTION

G GLAZING
- G1 INSULATED (DOUBLE GLAZE – TEMPERED AS NOTED)
- G2 1/4" PLATE (SINGLE GLAZE – TEMPERED AS NOTED)
- G3 1/4" PLATE (SINGLE GLAZE – OBSCURE SURFACE PATTERN ON FONT SIDE OF DOOR)

FR FIRE RATING
- NFR NOT FIRE RATED

FP FOLDING PARTITION
- FP1 SOUND PARTITION

T THRESHOLD
- T1 METAL THRESHOLD
- T2 METAL EDGE STRIP
- T3 STONE THRESHOLD – SEE Q/A503
- T4 SOUND CONTROL THRESHOLD – SEE H/A503
- T5 TILE CURB – SEE 2/A404
- T6 METAL THRESHOLD – SEE C/A503

DS DOOR STOP
- DS–1 NO DOOR STOP
- DS–2 WALL STOP
- DS–3 OVERHEAD STOP
- DS–4 CLOSER WITH CUSH–STOP ARM
- DS–5 CLOSER WITH FRICTION HOLD–OPEN ARM AND WALL STOP
- DS–6 CLOSER WITH DETENT HOLD–OPEN ARM

DO DOOR OPERATORS
- DO–1 LOW ENERGY SWING DOOR OPERATORS

R REMARKS
- R1 THE DOOR FRAME AND HEAD HEIGHT SHALL MATCH THAT SHOWN ON THE SCHEDULE AND DETAILS. THE DOOR BOTTOM SHALL BE FACTORY CUT AS NECESSARY TO ALLOW 1/2" CLEARANCE ABOVE THE HARDWOOD FLOOR SYSTEM – SEE C & D/A503.
- R2 GLASS GUARD RAIL – SEE 1 & 2/A404.
- R3 APPLY ASTRAGAL ON THE OPPOSITE SIDE OF THE DOOR FROM ITS SWING.
- R4 RE–USE EXISTING DOOR AND FRAME AT NEW LOCATION.
- R5 4" TALL DOOR FRAME AT HEAD.

GENERAL NOTES
1. DUE TO MULTIPLE USE, SOME OF THE DETAILS REFERRED TO ON THE DOOR SCHEDULE ARE REVERSED AND/OR TURNED FROM THE DIRECTION SHOWN ON THE FLOOR PLAN. THE GENERAL INTENT OF DETAILS SHALL IN ALL CASES BE FOLLOWED AND THE ARCHITECT CONSULTED SHOULD QUESTIONS ARISE.
2. DOORS SHALL BE SET TO CLEAR FINISHED FLOOR SURFACE BY 1/2".
3. DOOR FRAME THROAT DIMENSIONS ARE SHOWN AS WALL THICKNESS +1/8" – SEE FRAME PROFILES AND WALL AND PARTITION TYPES PLAN AND DETAILS.

* DOORS, FRAMES AND SIDELITES 117A AND 128A SHALL BE REMOVED AND RE–INSTALLED.

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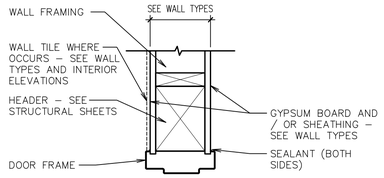
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SALT LAKE CITY, UT 84150

GHN Project Number:
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Work Order No.:
-
LDS Prop. No.:
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Sheet Title:
DOOR
AND WINDOW
SCHEDULES

July 24 2025

Sheet:
A602

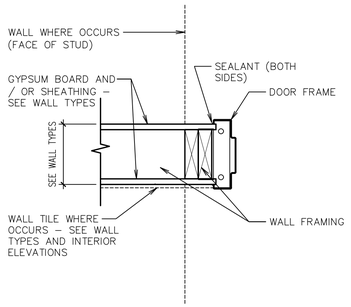


A TYPICAL HEAD
1 1/2" = 1'–0"

E NOT USED
1 1/2" = 1'–0"

J NOT USED
1 1/2" = 1'–0"

N NOT USED
1 1/2" = 1'–0"

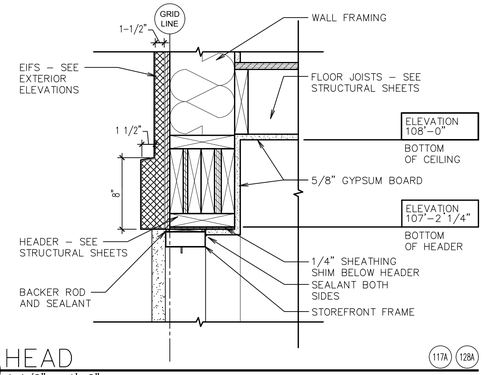


B TYPICAL JAMB
1 1/2" = 1'–0"

F NOT USED
1 1/2" = 1'–0"

K NOT USED
1 1/2" = 1'–0"

P NOT USED
1 1/2" = 1'–0"

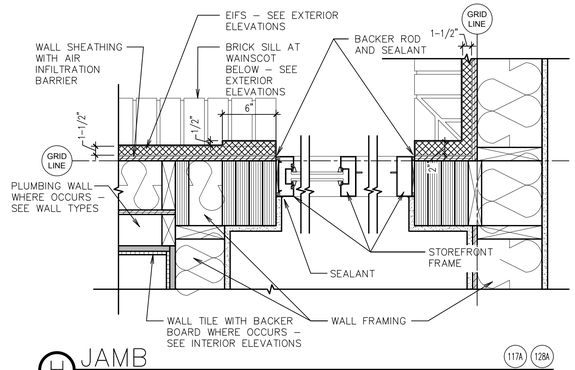


C NOT USED
1 1/2" = 1'–0"

G HEAD
1 1/2" = 1'–0"
117A 128A

L NOT USED
1 1/2" = 1'–0"

Q NOT USED
1 1/2" = 1'–0"



D NOT USED
1 1/2" = 1'–0"

H JAMB
1 1/2" = 1'–0"
117A 128A

M NOT USED
1 1/2" = 1'–0"

GENERAL NOTES

1. WALL TYPES AND CONDITIONS VARY. COORDINATE WALL CONSTRUCTION AND THICKNESS, INCLUDING LAYERS OF SHEATHING AND GYPSUM BOARD WITH WALL AND PARTITION TYPES AND STRUCTURAL SHEETS.

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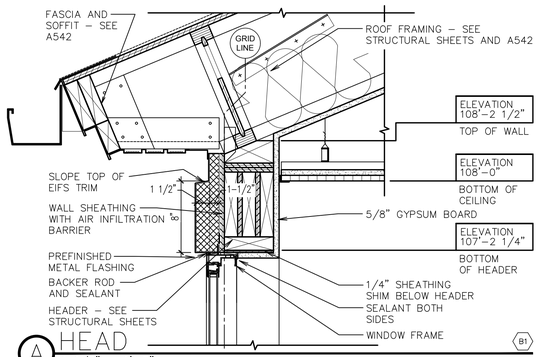
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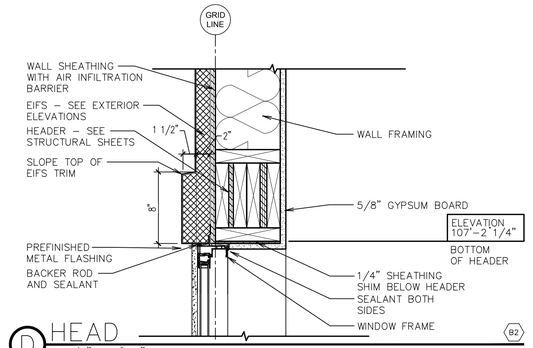
Sheet Title: DOOR AND WINDOW DETAILS

July 24 2025

Sheet: A603

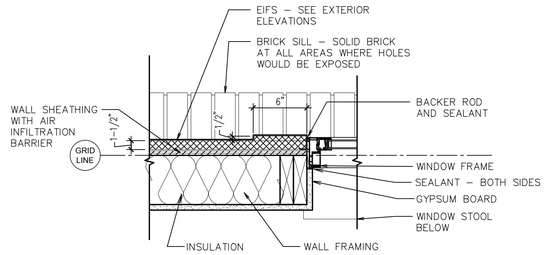


A HEAD
1 1/2" = 1'–0"

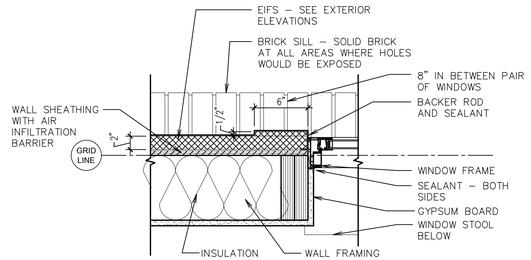


D HEAD
1 1/2" = 1'–0"

G NOT USED
1 1/2" = 1'–0"

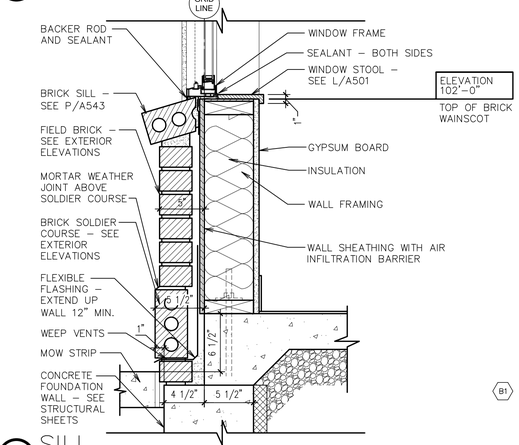


B JAMB
1 1/2" = 1'–0"

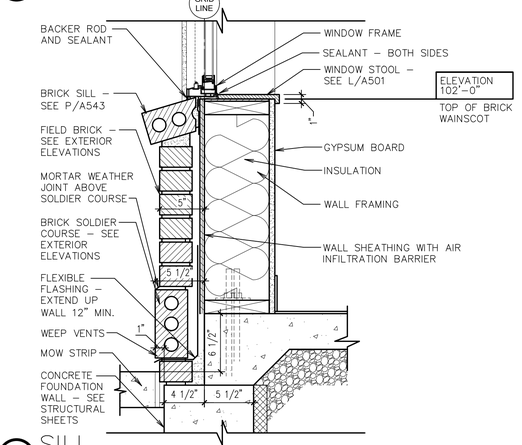


E JAMB
1 1/2" = 1'–0"

H NOT USED
1 1/2" = 1'–0"



C SILL
1 1/2" = 1'–0"



F SILL
1 1/2" = 1'–0"

J NOT USED
1 1/2" = 1'–0"

GENERAL NOTES

1. WALL TYPES AND CONDITIONS VARY. COORDINATE WALL CONSTRUCTION AND THICKNESS, INCLUDING LAYERS OF SHEATHING AND GYPSUM BOARD WITH WALL AND PARTITION TYPES AND STRUCTURAL SHEETS.

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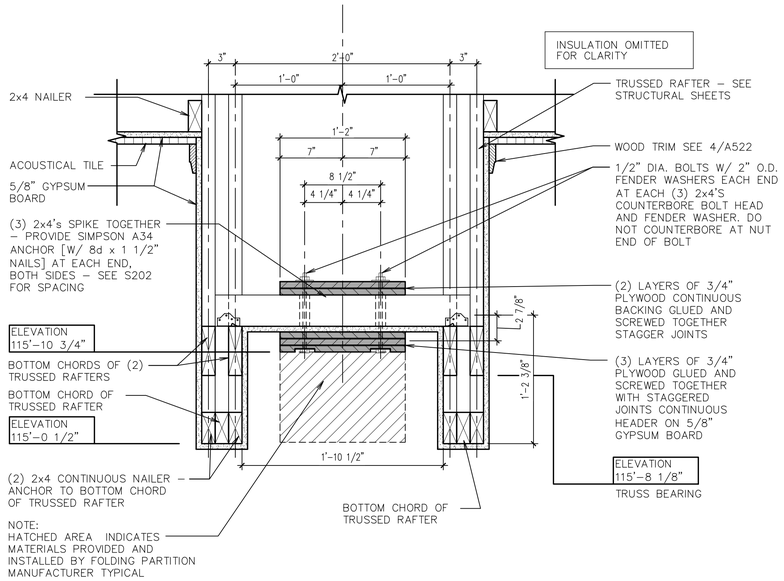
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50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

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LDS Prop. No.: 5004685240201

Sheet Title: WINDOW DETAILS

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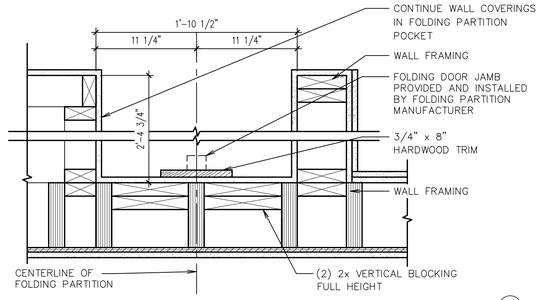
Sheet: A604



A FOLDING PARTITION HEAD

1 1/2" = 1'-0"

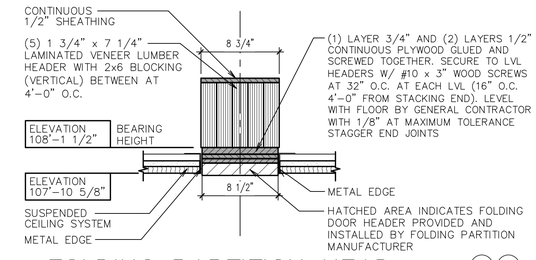
P1



B FOLDING PARTITION JAMB

1 1/2" = 1'-0"

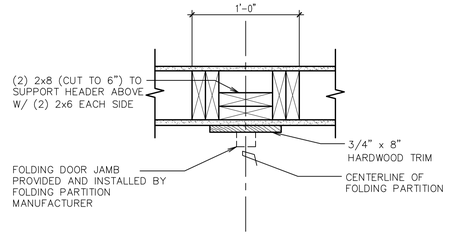
P1



C FOLDING PARTITION HEAD

1 1/2" = 1'-0"

P4 P5



D FOLDING PARTITION JAMB

1 1/2" = 1'-0"

P3 P4 P5

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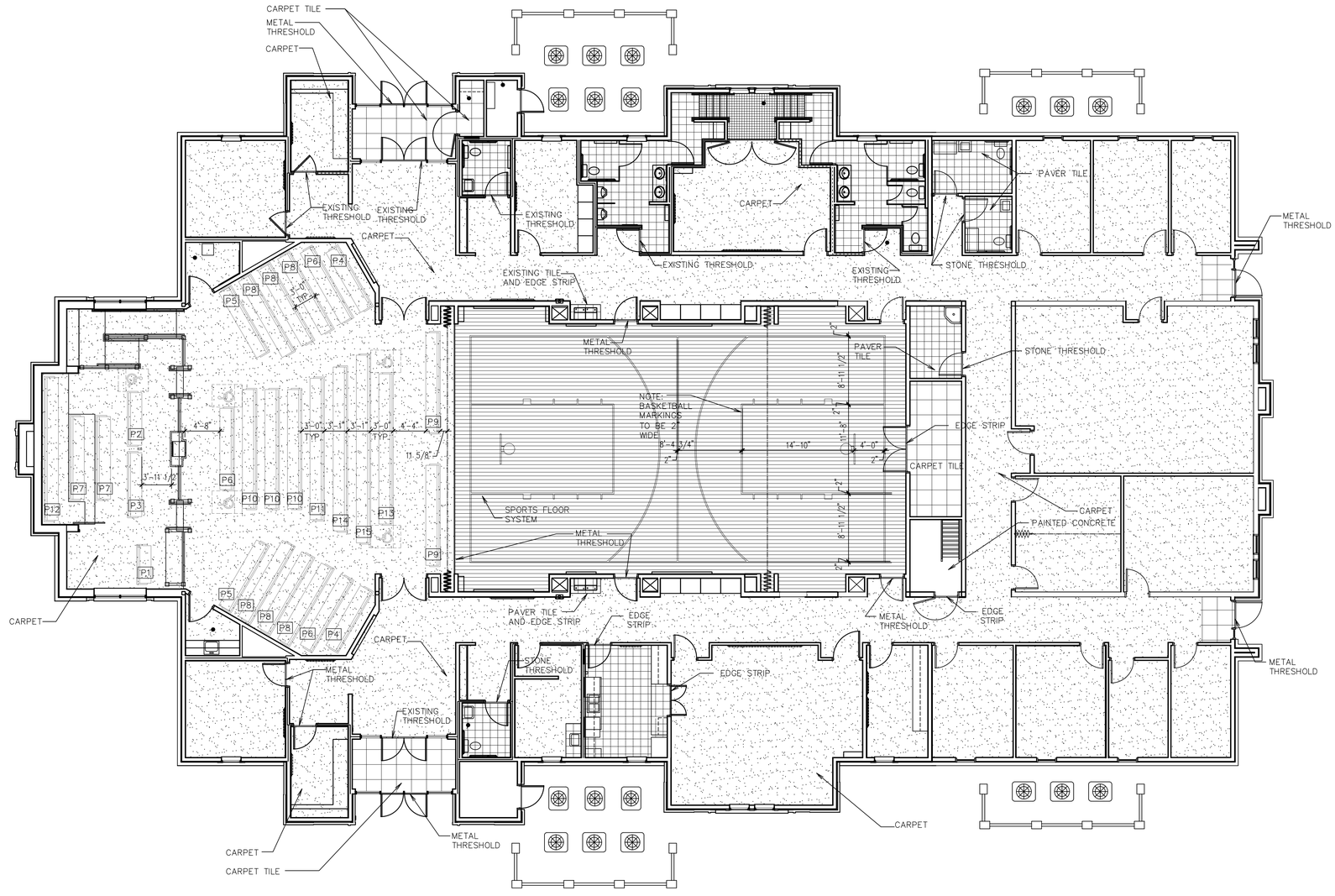
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FOLDING PARTITION DETAILS

July 24 2025

Sheet:
A605



1 FURNISHINGS FLOOR PLAN

1/8" = 1'-0"

GENERAL NOTES

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

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Sheet Title:
FURNISHINGS PLAN AND SCHEDULES

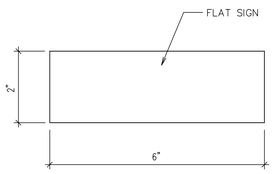
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Sheet:
F101

BUILDING SIGNAGE SCHEDULE

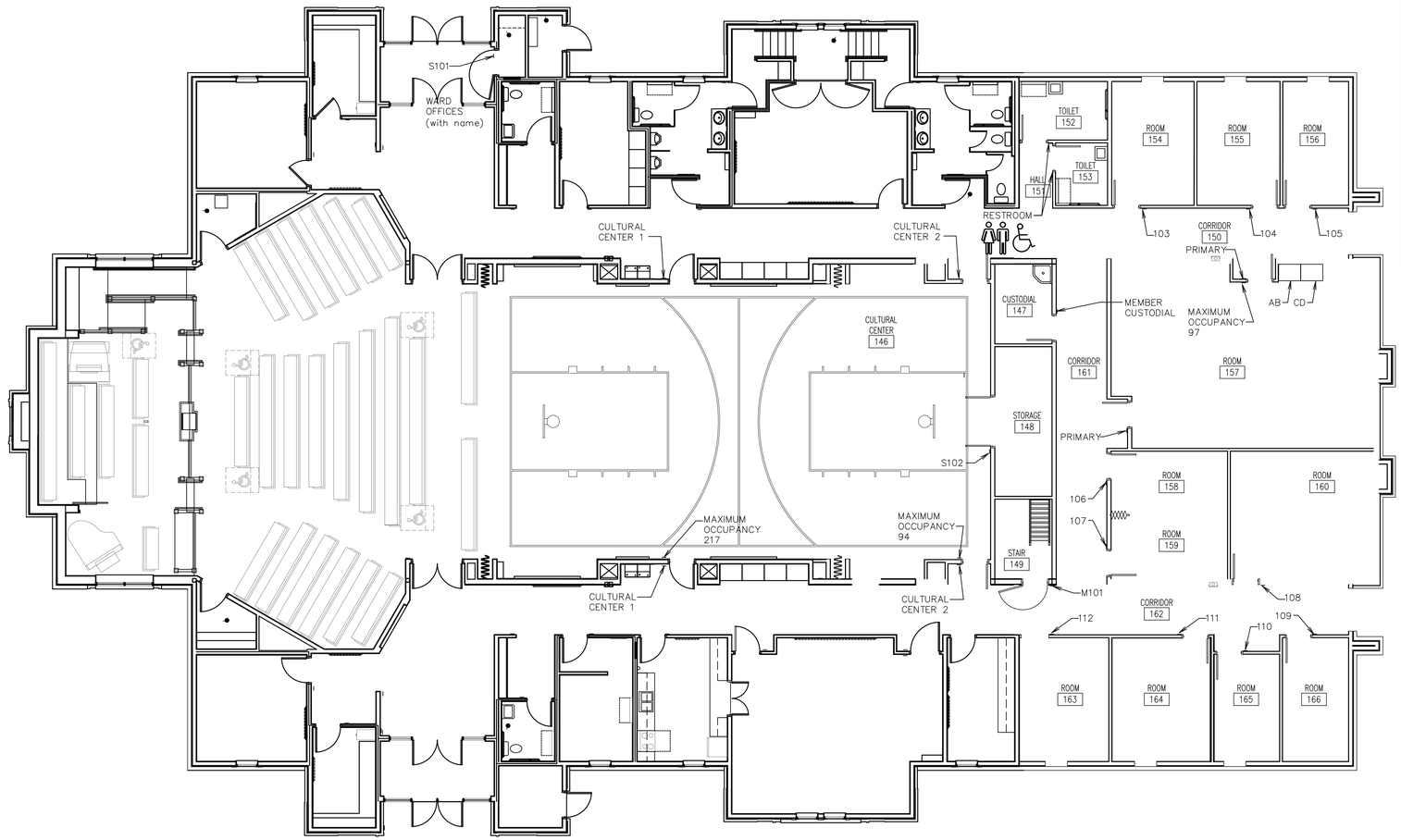
SIGNAGE ROOM NAME OR NUM.	QUANTITY	SIZE	MOUNTING	
103 *	1	6x6	A/F301	
104 *	1	6x6	A/F301	
105 *	1	6x6	A/F301	
106 *	1	6x6	A/F301	
107	1	6x6	A/F301	
108	1	6x6	A/F301	
109	1	6x6	A/F301	
110	1	6x6	A/F301	
111	1	6x6	A/F301	
112	1	6x6	A/F301	
M101 *	1	6x6	A/F301	
S102 *	1	6x6	A/F301	
RESTROOM	2	6x6	A & C/F301	
MEMBER CUSTODIAL FIRST AID KIT*	1	6x6	A/F301	
CULTURAL CENTER 1	2	6x6	A/F301	
CULTURAL CENTER 2	2	6x6	A/F301	
PRIMARY **	2	6x6	A/F301	
				SPECIFY MAXIMUM OCCUPANCY
MAXIMUM OCCUPANCY	1	6x6	A/F301	217
MAXIMUM OCCUPANCY	1	6x6	A/F301	94
MAXIMUM OCCUPANCY	1	6x6	A/F301	97
A THRU D (FLAT SIGN ONLY)	1 EACH	2x6	E/F301	

NOTES:
* REINSTALL EXISTING SIGN
** REINSTALL ONE EXISTING SIGN AND PROVIDE ONE NEW SIGN

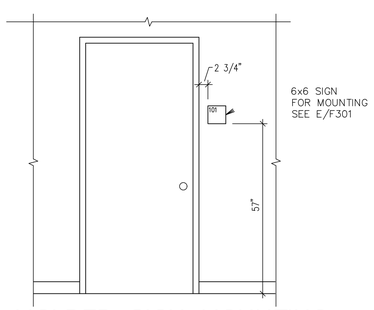


NOTE: SIGN IS SUPPLIED WITH SELF-ADHESIVE

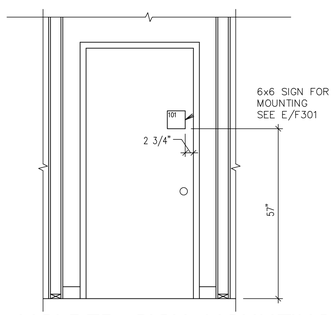
F FLAT SIGN DETAIL
6" = 1'-0"



1 ROOM SIGNAGE LOCATION PLAN
1/8" = 1'-0"

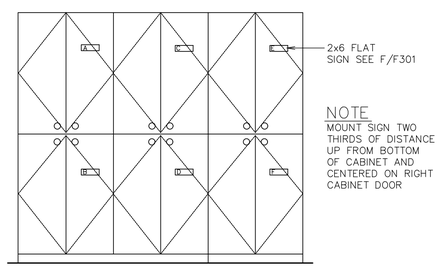


A MOLDED SIGN MOUNTING LOCATION NEXT TO DOOR
1/2" = 1'-0"



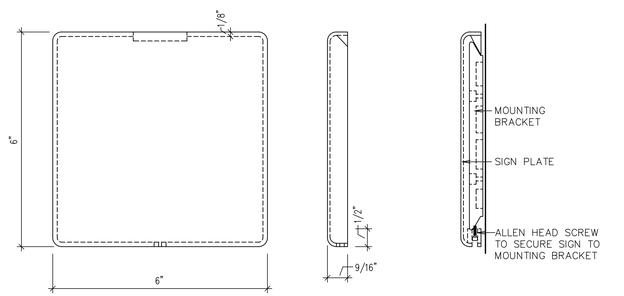
B MOLDED SIGN MOUNTING LOCATION ON DOOR
1/2" = 1'-0"

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



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

C FLAT SIGN MOUNTING LOCATION ON CABINETS
1/2" = 1'-0"



E MOLDED SIGN MOUNTING DETAIL
6" = 1'-0"

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

GHN
GASKIN HILL NORCROSS OF MISSOURI, INC.
300 South Jefferson Avenue, Suite 301, Springfield, MO 65806
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REGISTERED ARCHITECT
GHN
GASKIN HILL NORCROSS OF MISSOURI, INC.
Certificate of Authorization
C358
STATE OF ARKANSAS
7/24/2025

NEW MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MH ADDITION
SPRINGDALE AR STAKE

801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number:
24-078.00
Work Order No.:
-
LDS Prop. No.:
5004685240201

Sheet Title:
ROOM SIGNAGE LOCATION PLAN SCHEDULE & DETAILS

July 24 2025

Sheet:
F301

ABBREVIATIONS

1.	A.R.=	ANCHOR ROD
2.	ACI=	AMERICAN CONCRETE INSTITUTE
3.	AISC=	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
4.	AISI=	AMERICAN IRON AND STEEL INSTITUTE
5.	ARCH=	ARCHITECTURE/ARCHITECT
6.	ASTM=	AMERICAN SOCIETY FOR TESTING AND MATERIALS
7.	A.W.=	AFTER WELDING
8.	AWS=	AMERICAN WELDING SOCIETY
9.	BAR=	REBAR
10.	B.O.=	BOTTOM OF
11.	B.O.A.=	BACK OF ANGLE
12.	B.O.F.=	BOTTOM OF FOOTING
13.	B.O.S.=	BOTTOM OF STEEL
14.	BRG=	BEARING
15.	BTM=	BOTTOM
16.	CANT=	CANTILEVERED
17.	C.I.P.=	CAST-IN-PLACE
18.	C.J.P.=	COMPLETE JOINT PENETRATION WELD
19.	CL=	CENTERLINE
20.	CLR=	CLEAR
21.	CMU=	CONCRETE MASONRY UNIT
22.	COL=	COLUMN
23.	CONC=	CONCRETE
24.	CONN=	CONNECTION
25.	CONT=	CONTINUOUS
26.	D.B.=	DECK BEARING
27.	D.B.A.=	DEFORMED BAR ANCHOR
28.	D.E.=	DECK EDGE
29.	DIA=	DIAMETER
30.	DL=	DEAD LOAD
31.	DTL=	DETAIL
32.	DWG=	DRAWING
33.	E=	EXISTING
34.	EA=	EACH
35.	E.F.=	EACH FACE
36.	EL=	ELEVATION
37.	EPS=	EXPANDED POLYSTYRENE
38.	EQ=	EQUAL
39.	E.W.=	EACH WAY
40.	EXT=	EXTERIOR
41.	f'c=	CONCRETE COMPRESSIVE STRENGTH
42.	F.F.=	FINISHED FLOOR
43.	FDN=	FOUNDATION
44.	F.O.W.=	FACE OF WALL
45.	F.S.=	FAR SIDE
46.	FTG=	FOOTING
47.	F.V.=	FIELD VERIFY
48.	GA=	GAGE / GAUGE
49.	GALV=	GALVANIZED
50.	G.B.=	GRADE BEAM
51.	G.C.=	GENERAL CONTRACTOR
52.	(H)=	HIGH
53.	H&L=	HIGH & LOW
54.	H.A.S.=	HEADED ANCHOR STUD
55.	HORIZ=	HORIZONTAL
56.	IBC=	INTERNATIONAL BUILDING CODE
57.	I.D.=	INSIDE DIAMETER
58.	INFO=	INFORMATION
59.	INT=	INTERIOR
60.	J.B.=	JOIST BEARING
61.	J.B.E.=	JOIST BEARING ELEVATION
62.	KIP=	1000 POUNDS
63.	KSI=	KIPS PER SQUARE INCH
64.	(L)=	LOW
65.	L=	LENGTH
66.	LB=	POUND
67.	LGSF=	LIGHT-GAGE STEEL FRAMING
68.	LFH=	LONG FACE HORIZONTAL
69.	LFV=	LONG FACE VERTICAL
70.	LL=	LIVE LOAD
71.	LLH=	LONG LEG HORIZONTAL
72.	LLV=	LONG LEG VERTICAL
73.	LONG=	LONGITUDINAL
74.	L.P.=	LAYOUT POINT
75.	LVL=	LAMINATED VENEER LUMBER
76.	LW=	LIGHTWEIGHT
77.	MAX=	MAXIMUM
78.	MECH=	MECHANICAL
79.	MEP=	MECHANICAL, ELECTRICAL, PLUMBING
80.	MFR=	MANUFACTURER
81.	MIL=	THOUSANDS OF AN INCH
82.	MIN=	MINIMUM
83.	MISC=	MISCELLANEOUS
84.	MTL=	METAL
85.	N.I.C.=	NOT IN CONTRACT
86.	N.S.=	NEAR SIDE
87.	N.T.S.=	NOT TO SCALE
88.	N.W.=	NORMAL WEIGHT
89.	O.C.=	ON CENTER
90.	O.D.=	OUTSIDE DIAMETER
91.	OPP=	OPPOSITE / OPPOSITE HAND
92.	PAF=	POWDER ACTUATED FASTENER
93.	P.C.F.=	POUNDS PER CUBIC FOOT
94.	PEMB=	PRE-ENGINEERED METAL BUILDING
95.	PLF=	POUNDS PER LINEAR FOOT
96.	PPT=	PRESERVATIVE PRESSURE TREATED
97.	PSF=	POUNDS PER SQUARE FOOT
98.	PSI=	POUNDS PER SQUARE INCH
99.	PT=	POST TENSIONED
100.	REINF=	REINFORCING
101.	REQ=	REQUIRE
102.	RTU=	ROOF TOP UNIT
103.	S.C.=	SLIP CRITICAL
104.	SCH=	SCHEDULE
105.	SDI=	STEEL DECK INSTITUTE
106.	SIM=	SIMILAR
107.	SJI=	STEEL JOIST INSTITUTE
108.	SL=	SNOW LOAD
109.	S.O.G.=	SLAB ON GRADE
110.	SPECS=	SPECIFICATIONS
111.	STD=	STANDARD
112.	STL=	STEEL
113.	T=	THICKNESS
114.	T&B=	TOP AND BOTTOM
115.	T.O.=	TOP OF
116.	T.O. FTG=	TOP OF FOOTING
117.	T.O. PED=	TOP OF PEDESTAL
118.	T.O. STL=	TOP OF STEEL
119.	T.O. WALL=	TOP OF WALL
120.	TYP=	TYPICAL
121.	UL=	ULTIMATE LOAD
122.	U.N.O.=	UNLESS NOTED OTHERWISE
123.	VERT=	VERTICAL
124.	VLD=	VERTICAL LEG DOWN
125.	W=	WIDTH
126.	WL=	WIND LOAD
127.	W.P.=	WORK POINT
128.	WWF=	WELDED WIRE FABRIC
129.	(#)=	QUANTITY

LOADING TABLE AND CODE INFORMATION

1.	DESIGN CODE		2021 ARKANSAS BUILDING CODE
	RISK CATEGORY		III
2.	DEAD LOADS		
	A.	TYPICAL ROOF DEAD LOAD	15 PSF
	B.	TYPICAL FLOOR DEAD LOAD	20 PSF
3.	COLLATERAL LOADS		
	A.	TYPICAL ROOF COLLATERAL LOAD	5 PSF
	B.	TYPICAL FLOOR COLLATERAL LOAD	15 PSF
4.	LIVE LOADS		
	A.	TYPICAL ROOF LIVE LOAD	20 PSF
	B.	TYPICAL FLOOR LIVE LOAD	50 PSF
	C.	STAIRS	100 PSF
5.	SNOW LOAD		
	A.	GROUND SNOW LOAD (pg)	10 PSF
	B.	FLAT ROOF SNOW LOAD W/ RAIN ON SNOW (pf)	13 PSF
	C.	EXPOSURE FACTOR (Ce)	1.0
	D.	THERMAL FACTOR (Ct)	1.0
	E.	IMPORTANCE FACTOR (Is)	1.1
	F.	DRIFT	PER CODE
6.	WIND LOAD DESIGN CRITERIA		
	A.	ULTIMATE DESIGN WIND SPEED (Vult)	114 MPH
	B.	EXPOSURE CATEGORY	C
	C.	DIRECTIONALITY FACTOR (Kd)	0.85
	D.	TOPOGRAPHIC FACTOR (Kzt)	1.0
	E.	INTERNAL PRESSURE COEFFICIENT (GCpi)	+/- 0.18
	F.	INTERIOR WALLS AND PARTITIONS	5 PSF
7.	SEISMIC LOAD DESIGN CRITERIA		
	A.	SHORT PERIOD ACCELERATION (SS)	0.154
	B.	LONG PERIOD ACCELERATION (S1)	0.088
	C.	SITE CLASS	C
	D.	SHORT PERIOD RESPONSE (SDS)	0.133
	E.	LONG PERIOD RESPONSE (SD1)	0.088
	F.	SEISMIC DESIGN CATEGORY	B
	G.	IMPORTANCE FACTOR (Ie)	1.25
	H.	ANALYSIS PROCEDURE	ELF
	I.	SEISMIC FORCE RESISTING SYSTEM	A.15
	J.	RESPONSE MODIFICATION FACTOR (R)	6 1/2
	K.	SYSTEM OVERSTRENGTH FACTOR (Ω)	3
	L.	DEFLECTION AMPLIFICATION FACTOR (Cd)	4

SYMBOL LEGEND

TAG OR SYMBOL	DESCRIPTION
X	FOOTING TYPE (SEE SCHEDULE)
X	COLUMN TYPE (SEE SCHEDULE)
X X	BASEPLATE TYPE (SEE COLUMN SCHEDULE AND PLAN)
X X	SHEARWALL TYPE (SEE SCHEDULE)
	NORTH ARROW (COORDINATE EXACT DIRECTION w/ ARCH AND CIVIL DWGS)
	MOMENT CONNECTION (SEE PLAN AND NOTES)
C	CENTERLINE
	KEYNOTE
XXXXXXXXXX XXXXXXXXXX	ELEVATION MARKER
? ? ? ?	WELD SYMBOL TYP
W	CMU WALL TAG
1	PEDESTAL TAG
X X	REINFORCING BAR
1	REVISION TAG
	BRACE MEMBER SYMBOL

CONCRETE NOTES

1. CONCRETE FOR FOUNDATIONS, FOOTINGS AND INTERIOR SLABS ON GRADE SHALL BE AS FOLLOWS:
   - 28-DAY COMPRESSIVE STRENGTH: PER SPECS
   - MAXIMUM WATER TO CEMENT RATIO: PER SPECS
   - SLUMP: 4" ±1"
2. CONCRETE FOR EXTERIOR USES, SIDEWALKS, AND EXTERIOR SLABS ON GRADE SHALL BE AS FOLLOWS:
   - 28-DAY COMPRESSIVE STRENGTH: PER SPECS
   - MAXIMUM WATER TO CEMENT RATIO: PER SPECS
   - SLUMP: 4" ±1"
   - AIR-ENTRAINMENT: 6% ±1% AIR-ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C260.
3. NO LIME SAND FINE AGGREGATE MAY BE USED IN CONCRETE EXPOSED TO WEATHER, VIEW, OR IN HORIZONTAL APPLICATIONS.
4. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
5. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAP FABRIC 8" ON SIDES AND ENDS. MAINTAIN WIRE 1" TO 2" BELOW TOP SURFACE OF SLABS ON GRADE. PROVIDE CHAIRS, BOLSTERS OR OTHER APPROVED MEANS TO PROPERLY LOCATE REINFORCING.
6. IF ADDITIONAL FLOWABILITY IS REQUIRED FOR PLACEMENT OF ANY CONCRETE MIX, A WATER-REDUCING ADDITIVE CONFORMING TO ASTM C494, TYPE A, D, E OR F SHALL BE USED. NO ADDITIONAL WATER MAY BE ADDED TO THE MIX AT THE SITE. SLUMP FOR CONCRETE CONTAINING WATER-REDUCING OR HIGH-RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 8" AFTER ADMIXTURE IS ADDED TO CONCRETE WITH A 2"-4" SLUMP.
7. INTERIOR SLABS SHALL HAVE SMOOTH TROWELED FINISH AND EXTERIOR SLABS SHALL HAVE LIGHT BROOM FINISH, UNO. ALL SLABS SHALL HAVE A CURING COMPOUND COMPLYING WITH ASTM C309 APPLIED TO SURFACE. EXCEPTIONS ARE WHERE FLOOR FINISHES REQUIRE SCRATCH FINISH AND WHERE CURING COMPOUNDS ARE INCOMPATIBLE WITH ADHESIVES, ETC.
8. CONTRACTOR SHALL COORDINATE ALL CONCRETE SEALERS, CURING COMPOUNDS, ETC TO ENSURE COMPATIBILITY WITH FLOORING ADHESIVES FOR FLOORING INDICATED IN THE FLOOR PLANS AND FLOOR FINISH PLANS AS APPLICABLE.
9. TESTING OF FRESH CONCRETE SHALL BE DONE BY A QUALIFIED TESTING LABORATORY RETAINED BY THE OWNER AND APPROVED BY THE ENGINEER. TESTING SHALL INCLUDE:
   - SLUMP
   - AIR CONTENT
   - CONCRETE TEMPERATURE
   - 28 DAY COMPRESSIVE STRENGTH
   - NOTE ANY WATER OR ADMIXTURES ADDED ON-SITE
10. REFER TO ASTM C172 AND C94. PERFORM ONE SLUMP AND ONE AIR CONTENT TEST FOR EACH DAYS POUR AND ADDITIONAL TESTS WHEN THE CONCRETE CONSISTENCY SEEMS TO HAVE CHANGED IN THE OPINION OF THE INSPECTOR. REFER TO ASTM C143, C173 AND C231. PERFORM TEMPERATURE TESTS HOURLY WHEN THE AMBIENT AIR TEMPERATURE IS BELOW 40 DEGREES F OR ABOVE 80 DEGREES F AND ONE TEMPERATURE TEST FOR EACH SET OF COMPRESSIVE-STRENGTH SPECIMENS. REFER TO ASTM C1064. PERFORM ONE COMPRESSIVE-STRENGTH TEST FOR EACH DAYS POUR AND AN ADDITIONAL TEST FOR EACH CUBIC YARD MORE THAN THE FIRST 25 CUBIC YARD. TEST ONE SPECIMEN AT 7 DAYS AND 2 SPECIMENS AT 28 DAYS. REFER TO ASTM C31 AND C39.
11. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE. PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNO.
12. PROVIDE A MINIMUM OF 3" COVER FOR ANCHOR BOLTS AND LOCATE HORIZONTAL REINFORCEMENT TO THE OUTSIDE FOR ANCHOR BOLT CONTAINMENT, UNO.
13. PROVIDE TEMPORARY SHORING AND BRACING OF ALL STRUCTURAL AND MISCELLANEOUS ELEMENTS UNTIL CONCRETE HAS OBTAINED 80% OF DESIGN STRENGTH AND ALL PERMANENT BRACING ELEMENTS ARE INSTALLED.
14. PROVIDE CONTROL JOINTS IN SLABS ON GRADE AT APPROXIMATELY 10 FEET ON CENTER IN EACH DIRECTION. JOINTS SHALL FORM NEARLY SQUARE SHAPES. CONTRACTOR SHALL COORDINATE JOINT LOCATIONS WITH TILE LAYOUT AS SHOWN IN THE FLOOR PLANS AND FLOOR FINISH PLANS AS APPLICABLE.
15. WHERE DOWELS, BOLTS OR INSERTS ARE CALLED TO BE ANCHORED TO CAST IN PLACE OR PRECAST CONCRETE ELEMENTS USING EPOXY ADHESIVES, USE ANCHORAGE SYSTEM EQUAL TO "HILTI" HIT RE 500 INJECTION ADHESIVE. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS. ALTERNATE ANCHORAGE SYSTEMS MAY BE USED WITH ENGINEER'S PRIOR APPROVAL.
16. SAWN CONTROL JOINTS SHALL BE PLACED AS SOON AS CONCRETE IS ABLE TO BE SAWN WITHOUT PULLING OUT AGGREGATE FROM FLOOR. SLABS SHALL NOT BE LEFT OVERNIGHT, OR ANY REASONABLE AMOUNT OF TIME, WITHOUT SAWING JOINTS. WEATHER IS CRITICAL TO SCHEDULE OF SAWN JOINTS. IF LARGE AREAS OF SLAB ARE POURED AT ONE TIME, SEVERAL SAWS MAY BE REQUIRED TO PROVIDE JOINTS IN TIME TO PREVENT SHRINKAGE CRACKING. PROPER JOINTING OF SLAB IS CRITICAL. REFER TO ACI MANUAL OF CONCRETE PRACTICE FOR PROPER JOINTING TECHNIQUES.
17. DETAILING, MATERIALS AND INSTALLATION OF CONCRETE REINFORCING STEEL SHALL MEET REQ. AS SET FORTH BY CRSI AND THE AMERICAN CONCRETE INSTITUTE AND THE APPLICABLE BUILDING CODE.
18. SHOP DRAWINGS SHALL BE SUBMITTED INDICATING COMPLETE INFORMATION REQUIRED FOR CONSTRUCTION OF THE REINFORCED CONCRETE ELEMENTS. SHOP DRAWINGS SHALL INCLUDE LAYOUT AND DIMENSIONS OF REINFORCING INCLUDING ANY OPENINGS, CONVENTIONAL REINFORCEMENT DETAILS, CONNECTION DETAILS, PROCEDURES AND SEQUENCES ETC.
19. WHEN PLACING CONCRETE IN HOT WEATHER, REFER TO ACI 301, WHEN PLACING CONCRETE IN COLD WEATHER, REFER TO ACI 306.1.

GENERAL FOUNDATION & SLAB ON GRADE NOTES

1. IN AREA OF THE STRUCTURE, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS AND ANY OTHER EXISTING UNSUITABLE MATERIALS SHALL BE REMOVED. ANY FILL MATERIAL REQUIRED AT THE SITE SHALL BE OF A SIMILAR TYPE SOIL THAT IS PRESENT AT THIS SITE EXHIBITING LIQUID LIMIT VALUES BELOW 50 AND PLASTIC INDEX VALUES BELOW 10. ROCKS GREATER THAN 6 IN. SHALL BE EXCLUDED FROM STRUCTURAL FILL LIFTS. FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 8 INCHES IN DEPTH AND SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY BASED ON STANDARD PROCTOR DENSITIES (ASTM D-698). ADEQUATE FIELD DENSITY AND MOISTURE CONTENT TESTS SHALL BE PERFORMED TO ENSURE COMPLIANCE WITH REQUIREMENTS.
2. TESTING OF CONTROLLED STRUCTURAL FILL SHALL BE DONE BY A QUALIFIED TESTING LABORATORY RETAINED BY THE OWNER. SEE STRUCTURAL DRAWINGS FOR REQUIRED TESTING. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK WITH INSPECTOR.
   - AFTER STRIPPING SITE AND PRIOR TO PLACEMENT OF ANY FILL, NOTIFY SPECIAL INSPECTOR/TESTING AGENCY FOR INSPECTION OF SOIL CONDITIONS. INSPECTION SHALL INCLUDE PROOF ROLLING SITE WITH HEAVY EQUIPMENT PROVIDED BY THE CONTRACTOR.
   - AFTER EXCAVATION FOR FOUNDATIONS AND PRIOR TO PLACEMENT OF STEEL REINFORCEMENT OR CONCRETE, NOTIFY SPECIAL INSPECTOR/TESTING AGENCY FOR INSPECTION OF SOIL CONDITIONS. WHEN SOIL OF INADEQUATE STRENGTH IS NOTED, CONTRACTOR SHALL FURTHER DEEPEN EXCAVATIONS UNTIL SUITABLE BEARING CONDITIONS ARE VERIFIED BY TESTING. OVEREXCAVATIONS MAY BE BACKFILLED WITH SUITABLE COMPACTED ENGINEERED FILL OR GRANULAR BASE, OR STRUCTURAL CONCRETE BACKFILL.
3. EXTERIOR FOOTINGS SHALL BEAR AT MIN. DEPTHS AS NOTED IN FOOTING SECTIONS AND PLANS, 30" BELOW EXTERIOR FINISH GRADE, OR INTO APPROVED BEARING STRATA, WHICHEVER DEPTH IS GREATER. NOTE THAT FOOTING BEARING ELEVATIONS GIVEN ON THE PLANS ARE ESTIMATED DEPTHS ONLY. WHERE UNSUITABLE SOIL IS ENCOUNTERED, FOOTING DEPTHS MAY VARY.
4. EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS. ALL SOIL BELOW SLABS AND FOOTINGS SHALL BE PROPERLY COMPACTED AND SUBGRADE BROUGHT TO A REASONABLE TRUE AND LEVEL PLANE BEFORE PLACING CONCRETE.
5. CONTINUOUS FOOTINGS AND INDIVIDUAL FOOTINGS ARE DESIGNED FOR A NET ALLOWABLE SOIL BEARING OF
   - CONTINUOUS FOOTINGS: 2000 PSF
   - INDIVIDUAL FOOTINGS: 2000 PSF
   - FOR EITHER NATURALLY OCCURRING SOIL OR COMPACTED ENGINEERED FILL.
6. TYPICAL SLABS ON GRADE:
   - THICKNESS: 4" THICK NORMAL WEIGHT CONCRETE
   - REINFORCING: #4's @ 18" O.C. EACH WAY
   - VAPOR BARRIER: 15 MIL., (ASTM E1745 CLASS A)
   - SUBGRADE: A MINIMUM OF 4" OF FREE-DRAINING GRANULAR BASE.
   - MAINTAIN REINFORCING 1"-2" BELOW TOP SURFACE OF SLABS ON GRADE. PROVIDE BOLSTERS, CHAIRS OR OTHER MEANS APPROVED IN WRITING BY THE ENGINEER TO PROPERLY LOCATE REINFORCING.
   - IN SOME CASES 1.5 POUNDS (MIN) OF POLYPROPYLENE FIBRILLATED FIBERS PER CUBIC YARD REINFORCING MAY BE SUBSTITUTED FOR THE WWF REINFORCING. ANY VISIBLE FIBERS REMAINING AFTER CONCRETE HAS CURED SHALL BE TORCHED OFF. THIS SUBSTITUTION IS NOT ALWAYS APPROPRIATE AND SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
7. DRAINAGE FILL / GRANULAR BASE SHALL BE A FREE-DRAINING GRANULAR MATERIAL. USE #57 STONE OR EQUAL. REFER TO ASTM D448 FOR GRADATION.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN EXCAVATIONS AND BACKFILL MATERIALS AT AN APPROPRIATE MOISTURE CONTENT FOR PROPER SOIL BEARING CAPACITY AND COMPACTION.
9. CONTRACTOR SHALL COORDINATE WITH THE CIVIL / SITE DRAWINGS TO DETERMINE WHETHER FOUNDATION DRAINS AROUND PERIMETER OF BUILDING AND/OR UNDER THE SLAB-ON-GRADE SHALL BE REQUIRED AND, IF SO, SHALL RUN TO DAYLIGHT OR EXTENDED TO THE STORM SEWER.

POST-INSTALLED ANCHOR NOTES

1. CONTINUOUS INSPECTIONS ARE REQUIRED FOR POST INSTALLED ANCHOR BOLTS INCLUDING TYPE, SIZE, LENGTH, DRILLING METHOD, HOLE CLEANING PROCEDURES, AND ANCHOR INSTALLATION AND SETTING PROCEDURES.
2. ADHESIVE ANCHORS SHALL BE INSTALLED BY AN ADHESIVE ANCHOR INSTALLER WHO HAS BEEN CERTIFIED BY ACI AND TRAINED BY THE MANUFACTURER.
3. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.

CONCRETE GENERAL REPAIR NOTES

1. REPAIR LOCATIONS AND TYPES ARE INDICATED ON THE PLAN SHEETS.
2. REPAIR DETAILS ARE INDICATED IN THE CONSTRUCTION DOCUMENTS.
3. UNLESS OTHERWISE PRE-APPROVED BY THE OWNER AND THE ENGINEER OF RECORD, ALL LOADS OTHER THAN PERMANENT DEAD LOADS SHALL BE REMOVED FROM THE INFLUENCE AREA OF THE REPAIR. THIS INCLUDES LIVE LOADS, TRANSIENT LOADS ETC. AREA SHALL BE BLOCKED OFF DURING REPAIR, INCLUDING ANY REQUIRED CURING TIME
4. LOCATIONS OF REPAIRS HAVE BEEN DETERMINED THROUGH FIELD OBSERVATIONS, IF ADDITIONAL LOCATIONS REQUIRING REPAIR ARE DISCOVERED DURING THE CONSTRUCTION WORK, THE ENGINEER OF RECORD SHOULD BE CONTACTED TO REVIEW AND RECOMMEND ANY ADDITIONAL REMEDIATION PROCEDURES.
5. PRIOR TO BEGINNING THE WORK CONTRACTOR SHALL PROVIDE ALL SHORING AND BRACING NECESSARY FOR THE SAFE INSTALLATION OF THE REPAIRS
6. CONTRACTOR SHALL REMOVE FROM OVERHEAD LOCATIONS ALL LOOSE CONCRETE, TEMPORARY FORMWORK ETC THAT COULD POSE A FALLING HAZARD
7. CONCRETE SHALL BE REMOVED TO SOUND CONCRETE. CONCRETE SHALL BE REMOVED WITH HAND CHIPPING HAMMERS 15 LB MAXIMUM.
8. WHERE CORROSION ON REINFORCING IS DISCOVERED, CONCRETE SHALL BE REMOVED TO FULLY EXPOSE THE PERIMETER OF THE REINFORCING A MINIMUM OF ¾" ALL AROUND. IF REINFORCING IS DAMAGED DURING THE DEMOLITION PROCESS IT SHALL BE EXPOSED AS IF IT WERE CORRODED.
9. SURFACES SHALL BE PREPARED TO ROUGHNESS/SMOOTHNESS AS REQUIRED BY THE MANUFACTURER FOR THE PATCHING MATERIAL
10. FINAL FINISHED SURFACE TEXTURE SHALL MATCH ADJACENT FINISHED SURFACES.
11. PREPARE SUBSTRATE AND PATCH IN ACCORDANCE W/ MER's SPECIFICATIONS. PATCHING REPAIR MORTAR SHALL BE SIKAREPAIR 223/223 OR EQUIVALENT. CONTRACTOR SHALL SUBMIT PATCH MATERIAL FOR APPROVAL

MASONRY VENEER SPECIFICATIONS

1. MASONRY SHALL BE INSTALLED BY A QUALIFIED INSTALLER WHO EMPLOYS EXPERIENCED MASONS AND FITTERS.
2. STORE ALL MASONRY AND MASONRY ACCESSORIES ACCORDING TO MANUFACTURERS REQUIREMENTS, INCLUDING METAL ITEMS, TO PREVENT CORROSION AND ACCUMULATION OF DIRT AND OIL. DURING CONSTRUCTION, COVER TOPS OF WALLS, PROJECTIONS, AND SILLS WITH WATERPROOF SHEETING AT END OF EACH DAY'S WORK. COVER PARTIALLY COMPLETED MASONRY WHEN CONSTRUCTION IS NOT IN PROGRESS.
3. DO NOT USE FROZEN MATERIALS OR MATERIALS MIXED OR COATED WITH ICE OR FROST. DO NOT BUILD ON FROZEN SUBSTRATES. REMOVE AND REPLACE MASONRY DAMAGED BY FROST OR FREEZING CONDITIONS. COMPLY WITH COLD-WEATHER CONSTRUCTION REQUIREMENTS CONTAINED IN ACI 530.1/ASCE 6/TMS 602.
4. COMPLY WITH HOT-WEATHER CONSTRUCTION REQUIREMENTS CONTAINED IN ACI 530.1/ASCE 6/TMS 602.
5. ADVISE INSTALLERS OF OTHER WORK ABOUT SPECIFIC REQUIREMENTS FOR PLACEMENT OF REINFORCEMENT, VENEER ANCHORS, FLASHING, AND SIMILAR ITEMS TO BE BUILT INTO MASONRY.
6. MASONRY SHALL COMPLY WITH OWNER'S AND ARCHITECT'S REQUIREMENTS AND SHALL MEET RELEVANT ASTM'S.
7. BRICK MASONRY UNITS SHALL COMPLY WITH ASTM C 216 AND:
   A. SHALL HAVE AN INITIAL RATE OF ABSORPTION LESS THAN 30g/MIN/30SI WHEN TESTED PER ASTM C67.
   B. SHALL BE RATED AS "NOT EFFLORESCED" PER ASTM C 67
   C. SHALL BE GRADE SW (SEVERE WEATHERING)
   D. MIN COMPRESSIVE STRENGTH SHALL BE 6000 PSI.
8. MORTAR MATERIALS
   - PORTLAND CEMENT: ASTM C 150, TYPE I OR II, EXCEPT TYPE III MAY BE USED FOR COLD-WEATHER CONSTRUCTION. ALKALI CONTENT OF CEMENT SHALL NOT EXCEED 0.60 PERCENT PER ASTM C 114.
   - HYDRATED LIME: ASTM C 207, TYPE S.
   - PORTLAND CEMENT-LIME MIX: PACKAGED BLEND OF PORTLAND CEMENT COMPLYING WITH ASTM C 150, TYPE I OR III, AND HYDRATED LIME COMPLYING WITH ASTM C 207.
   - MORTAR CEMENT: ASTM C 1329.
   - MASONRY CEMENT: ASTM C 91.
   - DO NOT USE CALCIUM CHLORIDE.
   - MORTAR FOR MASONRY: COMPLY WITH ASTM C 270
9. PROVIDE TIES FOR BRICK MASONRY UNITS AT 16/32 PATTERN MAX.
10. TIES SHALL BE TRIANGULAR SHAPED WIRE MADE FROM 0.187 IN MINIMUM DIAMETER GALV WIRE AND SHALL EXTEND AT LEAST HALFWAY THROUGH VENEER.
11. PROVIDE CAVITY PER ARCHITECTURAL DRAWINGS BETWEEN MASONRY AND BACKUP CONSTRUCTION UNLESS OTHERWISE INDICATED OR BELOW GRADE. KEEP CAVITY FREE OF MORTAR DROPPINGS AND DEBRIS.
12. WEEP HOLE/VENT PRODUCTS: PROVIDE WEEPS PER ARCHITECTURAL DRAWINGS AND PER MASONRY STANDARDS.
13. VARIATION FROM PLUMB: FOR VERTICAL LINES AND SURFACES, DO NOT EXCEED 1/4" IN 10 FEET OR MORE.
14. VERIFY REQUIREMENTS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. THE MORE STRINGENT REQUIREMENTS SHALL CONTROL.

WOOD FRAMING NOTES

1. WOOD FRAMING INCLUDING MISCELLANEOUS BEAMS, LINTELS, HEADERS, ETC. SHALL BE #2 GRADE DOUGLAS FIR-LARCH (Fb = 900 PSI).
2. LIGHT FRAMING SUCH AS PLATES, SILLS, CRIPPLES, BLOCKING AND ROOF FRAMING NOT OTHERWISE SPECIFIED SHALL BE #2 GRADE DOUGLAS FIR-LARCH (Fb = 525 PSI) OR BETTER.
3. STUDS SHALL BE #1/#2 GRADE SPRUCE-PINE-FIR (Fb = 875 PSI, Fc = 1150 PSI) OR BETTER.
4. ALL WOOD FRAMING SHALL BE SELECTED SUCH THAT NO LUMBER WITH LARGE KNOTS, WARPS, SPLITS, OR DEFECTS IS USED.
5. WHERE CALLED FOR ON PLANS TO USE FRAMING ANCHORS AND HARDWARE, USE Z-MAX GALVANIZED STEEL FRAMING ANCHORS EQUAL TO SIMPSON.
6. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE "TREATED" AND SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF AWPA STANDARD U1 TO THE REQUIREMENTS OF USE CATEGORY 2 (UC2).
7. ALL LUMBER FOR EXTERIOR USES, INCLUDING DECKING, DECK JOIST, RAILINGS, OR ANY LUMBER EXPOSED TO WEATHER SHALL BE "TREATED" AND COMPLY WITH APPLICABLE REQUIREMENTS OF AWPA STANDARD U1 TO THE REQUIREMENTS OF USE CATEGORY 3B (UC3B).
8. ALL "TREATED" LUMBER WITH FIELD-CUT ENDS SHALL BE TREATED WITH PRESERVATIVES IN ACCORDANCE WITH AWPA STANDARD M4.
9. WOOD FRAMING, ROUGH CARPENTRY, AND MISCELLANEOUS WOOD CARPENTRY WORK SHALL BE GOVERNED BY INTERNATIONAL BUILDING CODE REQUIREMENTS. ALL SUCH WORK SHALL COMPLY WITH CONSTRUCTION, CONNECTION AND GENERAL REQUIREMENTS OF CHAPTER 23 OF THE CODE. IT SHALL BE A REQUIREMENT OF THIS CONTRACT THAT THE CONTRACTOR PROVIDE A COPY OF THIS CHAPTER TO ALL PERTINENT PARTIES.
10. SILL PLATE SHALL BE CONNECTED TO THE FOUNDATION WITH 5/8"Ø x 8" (MIN) SIMPSON TITEN HD @ 4'-0" O.C. (MAX)- SEE SHEAR WALL SCHEDULE FOR REQUIRED SPACING AND ADDITIONAL REQUIREMENTS. THERE SHALL BE A MINIMUM OF TWO ANCHOR BOLTS PER SECTION OF PLATE AND ANCHOR BOLTS SHALL BE PLACED 12" FROM END OF PLATE AND NO CLOSER THAN 3" FROM EDGE OF PLATE, REFER TO IBC CHAPTER 23.
11. ALL BEAMS BEARING PERPENDICULAR TO WALL FRAMING SHALL BE SUPPORTED BY MULTIPLE STUDS FOR THE FULL WIDTH OF THE BEAM, UNO. MULTIPLE STUDS SHALL BE CONTINUED TO FOUNDATION.
12. REFER TO NDS SECTION 15.3.3 FOR NAILING REQUIREMENTS FOR MULTIPLE STUDS.
13. LAMINATED VENEER LUMBER (LVL) BEAMS AS CALLED OUT IN THE PLANS ARE SIZED AS PER "TRUSS JOIST CORPORATION" RECOMMENDATIONS. ALTERNATE LVL BEAMS WILL BE CONSIDERED IF PROPER DESIGN INFORMATION IS SUBMITTED AND APPROVED AS EQUAL. (Fb = 2600 PSI, E = 1.9.10^6 PSI).
14. REFER TO BEARING WALL SCHEDULE AND PLAN FOR BLOCKING REQUIREMENTS AT BEARING WALLS.
15. REFER TO SHEAR WALL SCHEDULE AND PLAN FOR ANY ADDITIONAL REQUIRED BLOCKING.
16. REFER TO SHEET S4.1 FOR STANDARD FRAMING DETAILS.

PRE-ENGINEERED WOOD TRUSS NOTES

1. ALL ROOF TRUSSES, CALLED OUT ON PLANS, SHALL BE PRE-ENGINEERED, MANUFACTURED TRUSSES. TRUSS MEMBERS SHALL CONFORM TO DIMENSIONS, SPACING, AND CONFIGURATIONS CALLED OUT IN PLANS AND DETAILS SHALL BE DESIGNED FOR SPECIFIED LOADINGS AND AN ALLOWABLE LIVE LOAD DEFLECTION OF LESS L/360. NOTE: WEB CONFIGURATION MAY VARY FROM THAT SHOWN IN TRUSS PROFILES.
2. SHOP DRAWINGS AND DESIGN FOR TRUSSES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION. SHOP DRAWING SUBMITTALS SHALL BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. TRUSSES SHALL BE DESIGNED FOR 5 PSF LIVE LOAD ON THE BOTTOM CHORD (EXCEPT AT DESIGNATED WALKWAYS IN ATTIC SPACE WHICH SHALL BE DESIGNED FOR 40 PSF LIVE LOAD). SEE THE LO

STATEMENT OF SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS ARE REQUIRED FOR THIS STRUCTURE IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE FOR THE ITEMS NOTED IN THE TABLE ON THIS SHEET.
2. TESTING SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY RETAINED BY THE OWNER AND APPROVED BY THE ENGINEER.
3. A LETTER OF SUBSTANTIAL COMPLETION SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT BY THE SPECIAL INSPECTION PROVIDER PRIOR TO THE FINAL INSPECTION.

IBC TABLE 1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	—	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	—	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	—	X
4. DURING FILL PLACEMENT VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	—
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	—	X

REQUIRED VERIFICATION AND INSPECTION OF WOOD CONSTRUCTION

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC	IBC REFERENCE
1. HIGH LOAD DIAPHRAGMS			
A. INSPECT WOOD STRUCTURAL PANEL SHEATHING TO ASCERTAIN WHETHER IT IS OF THE GRADE AND THICKNESS SHOWN ON THE APPROVED BUILDING PLANS.	—	X	1705.5.1
B. VERIFY THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES.	—	X	
C. VERIFY THE NAIL OR STAPLE DIAMETER AND LENGTH, THE NUMBER OF FASTENER LINES, AND THAT THE SPACING BETWEEN FASTENERS IN EACH LINE AT EDGE MARGINS AGREES WITH THE APPROVED BUILDING PLANS.	—	X	
2. METAL-PLATE-CONNECTED TRUSSES SPANNING 60 FEET OR GREATER			
A. VERIFY THAT THE TEMPORARY INSTALLATION RESTRAINT/BRACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE.	—	X	1705.5.2

IBC TABLE 1705.3 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	—	X	ACI 318 CH. 20, 25.2,25.3, 26.6.1-26.6.3	—
2. REINFORCING BAR WELDING:				
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706;	—	X	AWS D1.4 ACI 318: 26.6.4	—
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND	—	X		
C. INSPECT ALL OTHER WELDS	X	—		
3. INSPECT ANCHORS CAST IN CONCRETE.	—	X	ACI 318: 17.8.2	—
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	—	ACI 318: 17.8.2.4	—
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	—	X	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX.	—	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	—	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	—
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	—	ACI 318: 26.5	—
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	—	X	ACI 318: 26.5.3-26.5.5	—
9. INSPECT PRESTRESSED CONCRETE FOR:				
A. APPLICATION OF PRESTRESSING FORCES; AND	X	—	ACI 318: 26.10	—
B. GROUTING OF BONDED PRESTRESSING TENDONS.	X	—		
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	—	X	ACI 318: CH. 26.9	—
11. FOR PRECAST CONCRETE DIAPHRAM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F. INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR:			ACI 318: 26.13.1.3	—
A. INSTALLATION OF THE EMBEDED PARTS	X	—		
B. COMPLETETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOISTS	X	—	ACI 550.5	
C. COMPLETETION OF CONNECTIONS IN THE FIELD	X	—		
12. INSPECT INSTALLATION TOLERANCES OF PRECAST DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5.	—	X	—	—
13. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	—	X	ACI 318: 26.11.2	—
14. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	—	X	ACI 318: 26.11.1.2(b)	—

SCHEDULE - SPECIAL INSPECTIONS 2021

CERTIFICATE OF AUTHORITY - ARCHITECTURE 354
CERTIFICATE OF AUTHORITY - ENGINEERING 657
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STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
BENJAMIN C. JENNINGS
No. 14855
6.27.25

BEN JENNINGS, PE
LIC. # 14855
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NEW FAYETTE 170
PRAIRIE GROVE WARD
SPRINGDALE AR STAKE

HIGHWAY 62 & BLUNT AVENUE
PRAIRIE GROVE, AR 72753

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

Mark	Date (D-MM-Y)	Description

Project Number: 500-4685
Plan Series:
Property Number:

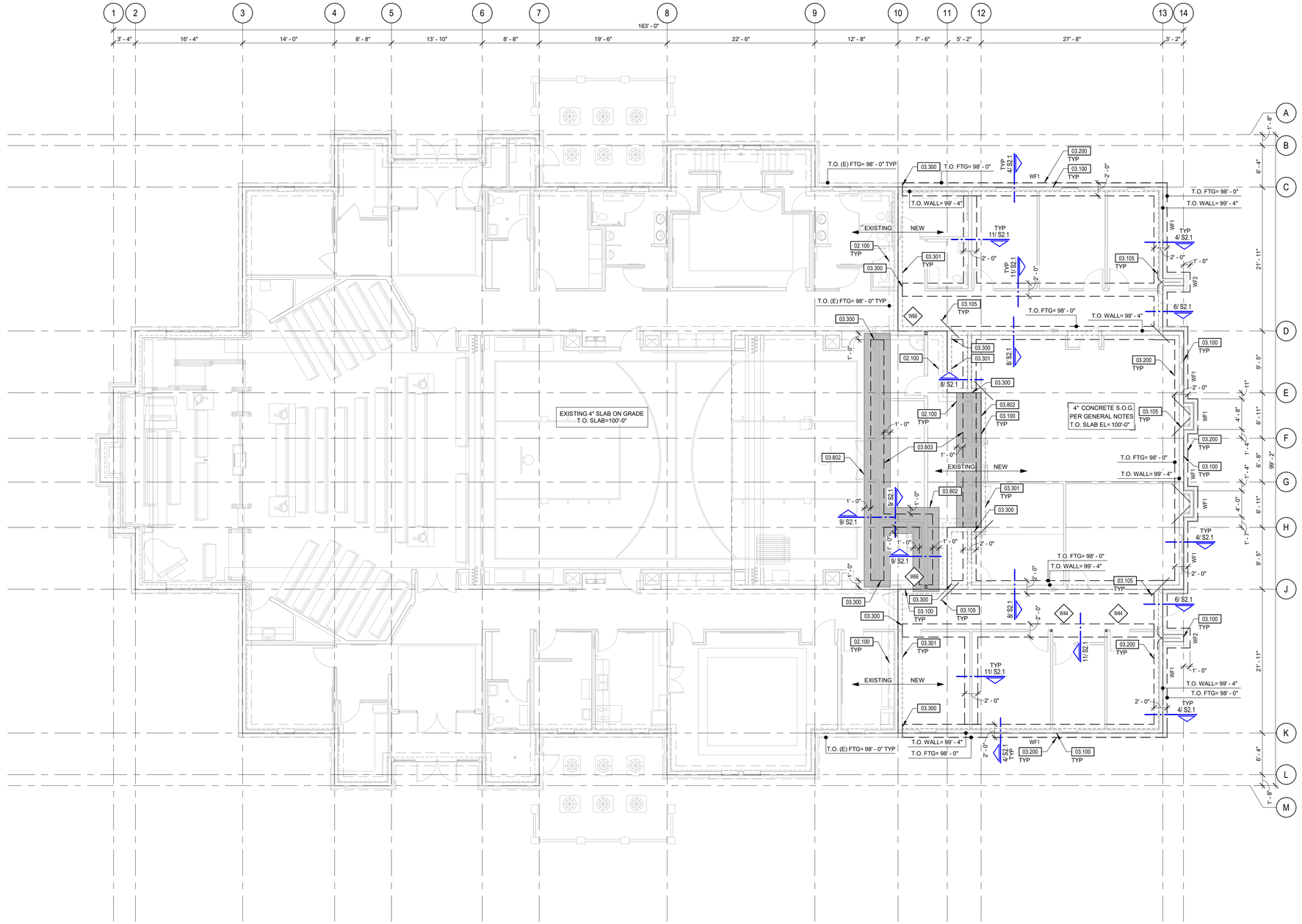
Sheet Title: SPECIAL INSPECTIONS

ISSUE DATE: 06/19/25

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FIELD VERIFY ALL DIMENSIONS WITH EXISTING STRUCTURE



FOUNDATION PLAN NOTES

1.	COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL PRIOR TO CONSTRUCTION.
2.	UTILITIES SHALL PASS ABOVE OR BELOW PERIMETER FOOTINGS PER PIPE PENETRATION DETAIL.
3.	SEE ARCHITECTURAL DRAWINGS FOR SLAB FINISH REQUIREMENTS.
4.	SLOPE FLOORS TO FLOOR DRAINS, COORDINATE SLOPE EXTENTS WITH ARCH AND MEP.
5.	NOT ALL PENETRATIONS ARE SHOWN ON STRUCTURAL DRAWINGS. COORDINATE ALL SLAB AND FOUNDATION PENETRATIONS WITH OTHER DISCIPLINES AND NOTIFY ENGINEER IF ANY CONFLICTS ARE NOTED.
6.	PERIMETER INSULATION SHALL BE AS REQUIRED BY ARCHITECTURAL DRAWINGS.
7.	DOWEL ALL SIDEWALKS AT DOORS TO BUILDING SLABS W/ #4 x 24" LONG DOWELS @ 12" O.C. MAX.
8.	WHERE ONLY ONE CURTAIN OF REINFORCING IS REQUIRED, BARS SHALL BE CENTERED IN WALL.
9.	PROVIDE ADDITIONAL REINFORCING PER TYPICAL SLAB ON GRADE REINFORCING DETAILS.
10.	PROVIDE CONTINUOUS REINFORCING IN ALL CONCRETE CONSTRUCTION, SEE TYPICAL CORNER BAR REINFORCING DETAIL.
11.	EXTERIOR FOOTINGS SHALL BEAR AT MIN. DEPTHS AS NOTED IN FOOTING SECTIONS AND PLANS, 30" BELOW EXTERIOR FINISH GRADE, OR INTO APPROVED BEARING STRATA, WHICHEVER DEPTH IS GREATER. NOTE THAT FOOTING BEARING ELEVATIONS GIVEN ON THE PLANS ARE ESTIMATED DEPTHS ONLY. WHERE UNSUITABLE SOIL IS ENCOUNTERED, FOOTING DEPTHS MAY VARY. STEP FOOTINGS AS REQUIRED PER TYPICAL STEP FOOTING DETAIL.

CONTINUOUS FOOTING SCHEDULE

MARK	FOOTING SIZE	REINFORCING	NOTES
WF1	2'-0"W x 1'-0"T	PER "TYPICAL EXTERIOR STEM WALL AT OPENING" ON S2.1	
WF2	3'-0"W x 1'-0"T	PER "TYPICAL EXTERIOR STEM WALL AT OPENING" ON S2.1	

COLUMN SCHEDULE

MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR ROD SIZE	NOTES
W44	4x4 DFL No 2	SIMPSON ABU 44Z	(2) 1/2" DIA	
W66	6x6 DFL No. 2	SIMPSON ABU 66Z	(1) 5/8" DIA	

KEYNOTE LEGEND

KEYNOTE	DESCRIPTION
02.100	LINE INDICATES ASSUMED FOUNDATION BELOW, CONTRACTOR TO FIELD VERIFY. NOTIFY EOR OF ANY DISCREPANCIES.
03.100	DARK LINE INDICATES SLAB EDGE.
03.105	PROVIDE #4 BAR x 4'-0" LONG CENTERED IN SLAB AT RE-ENTRANT CORNERS.
03.200	DASHED LINE INDICATES FOUNDATION BELOW.
03.300	DRILL AND EPOXY NEW FOOTING REINFORCING INTO EXISTING FOOTING. DOWELS SHALL MATCH SIZE AND SPACING OF NEW FOOTING REINFORCING. EMBED DOWELS 9" MIN.
03.301	PROVIDE 8" DEEP BY 12" WIDE THICKENED SLAB EDGE WHERE NEW SLAB ABUTS EXISTING CONCRETE. REINFORCE WITH (1) #4 BAR CONTINUOUS. DOWEL NEW SLAB TO EXISTING CONCRETE WITH AN 18" LONG #5 DOWEL AT 12" OC, PROVIDE MINIMUM 6" OF EMBEDMENT INTO EXISTING CONCRETE.
03.802	HATCH INDICATES AREA OF EXISTING SLAB TO BE REMOVED AND REPLACED.
03.803	PROVIDE 18" DEEP BY 24" WIDE THICKENED SLAB BELOW SHEAR/BEARING WALL. REINFORCE w/ #5's @ 12" O.C. EACH WAY TOP AND BOTTOM. DRILL AND EPOXY TOP BARS INTO ADJACENT SLAB PER "TYPICAL SLAB ON GRADE REPAIR DETAIL" ON S2.1.

1 FOUNDATION PLAN
1/8" = 1'-0"

PLAN

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

Mark	Date (DAA-Y)	Description

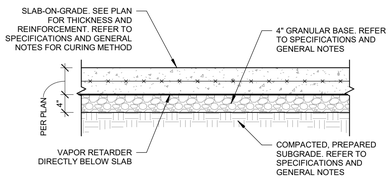
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Plan Series:
Property Number:

Sheet Title:
FOUNDATION PLAN

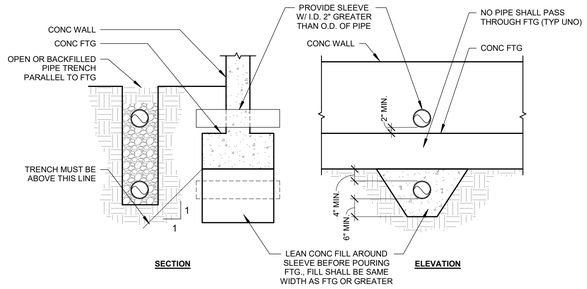
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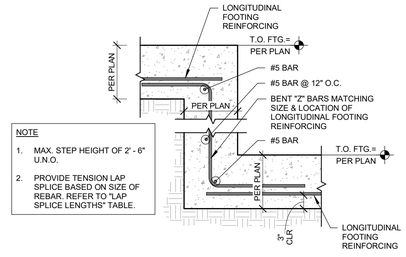
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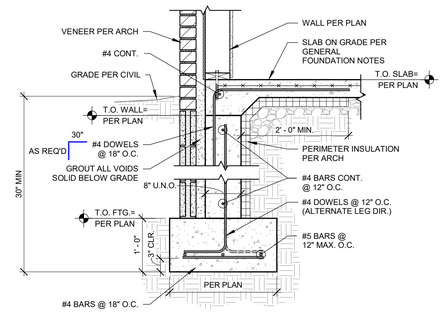
1 TYPICAL SLAB-ON-GRADE SUBGRADE PREPARATION
3/4" = 1'-0"



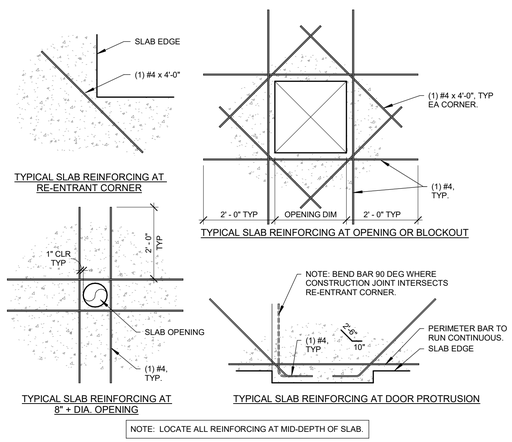
2 PIPE PENETRATION DETAIL
N.T.S.



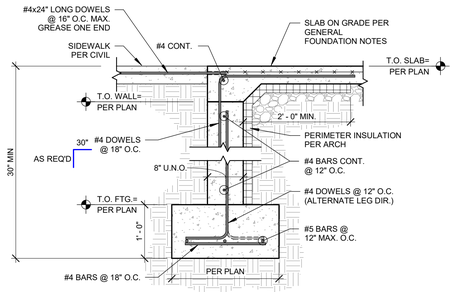
3 TYPICAL FOOTING STEP
3/4" = 1'-0"



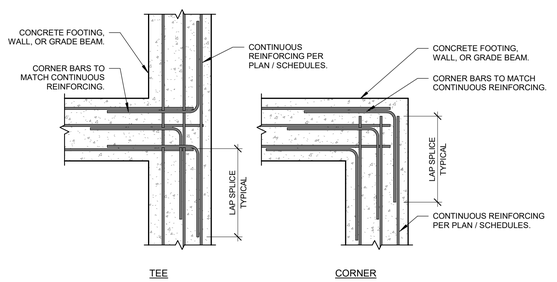
4 TYPICAL EXTERIOR STEM WALL WITH VENEER
3/4" = 1'-0"



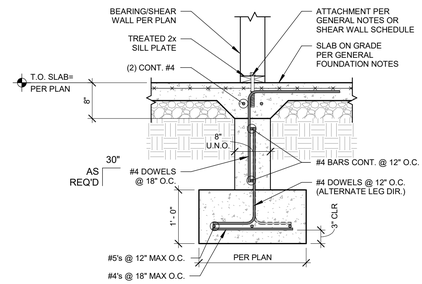
5 TYPICAL SLAB ON GRADE REINFORCING DETAILS
1/2" = 1'-0"



6 TYPICAL EXTERIOR STEM WALL AT OPENING
3/4" = 1'-0"

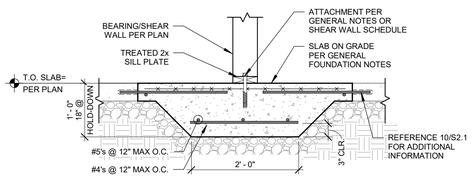


7 TYPICAL CORNER BAR REINFORCING
3/4" = 1'-0"

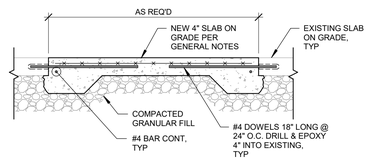


8 INTERIOR FOOTING & STEMWALL
3/4" = 1'-0"

NOTE:
AT SHEAR WALL HOLD-DOWN LOCATIONS INCREASE THICKNESS TO 18".

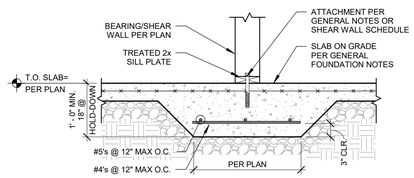


9 THICKENED SLAB AT EXISTING SLAB ON GRADE
3/4" = 1'-0"



10 TYPICAL SLAB ON GRADE REPAIR DETAIL
3/4" = 1'-0"

NOTE:
AT SHEAR WALL HOLD-DOWN LOCATIONS DEEPENED TO 18".



11 THICKENED SLAB AT WOOD STUD WALL
3/4" = 1'-0"

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Mark	Date (D-MM-Y)	Description

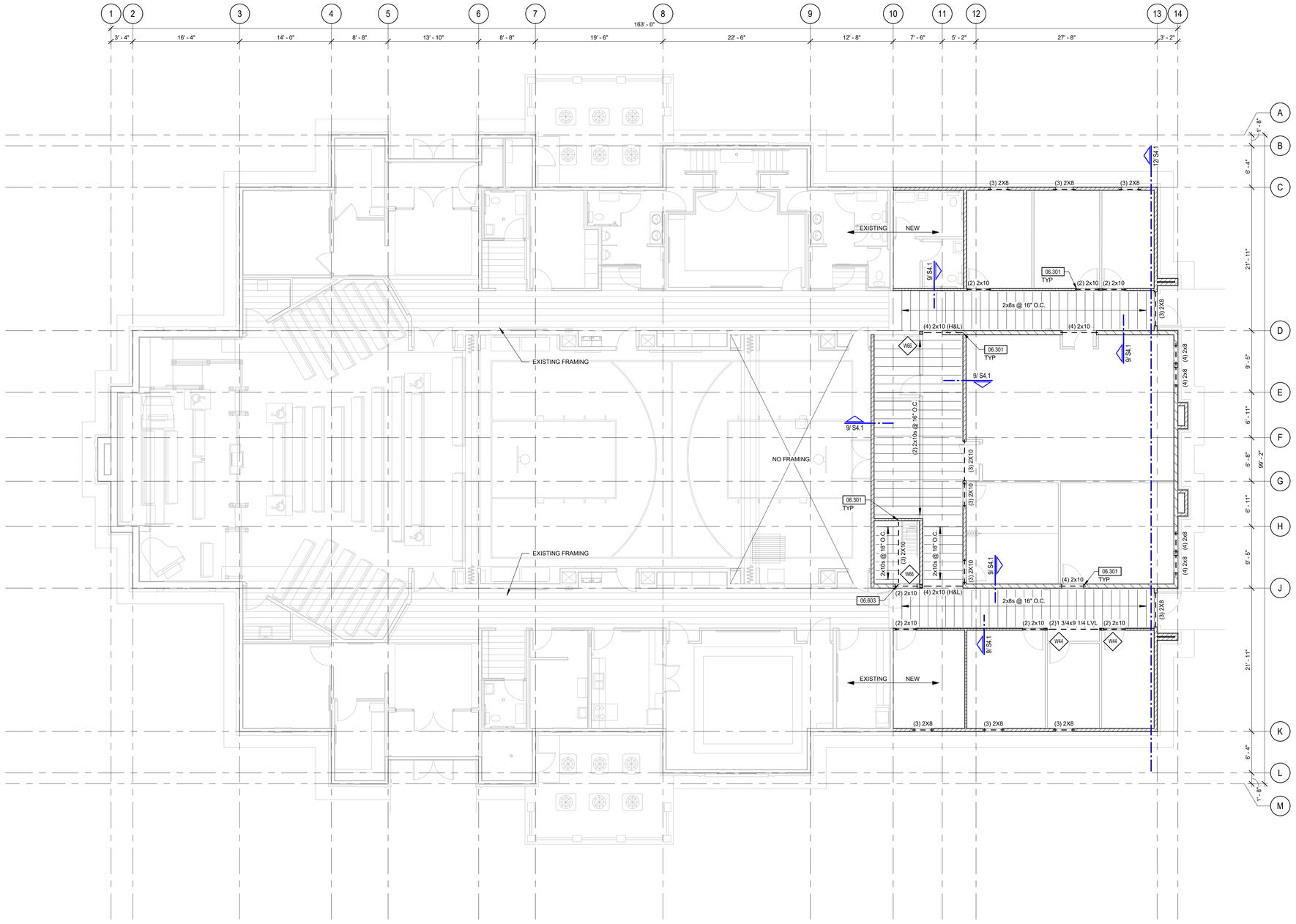
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Plan Series:
Property Number:

Sheet Title:
FOUNDATION DETAILS

ISSUE DATE: 04/08/08

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1 FIRST FLOOR FRAMING PLAN
1/8" = 1'-0"

PLAN

FRAMING PLAN NOTES

1.	ALL OPENING SIZES AND LOCATIONS, HEAD AND SILL ELEVATIONS, ETC. SHALL BE COORDINATED WITH OTHER DISCIPLINES.
2.	SEE TYPICAL FRAMING DETAILS FOR CONDITIONS NOT SPECIFICALLY SHOWN IN PLAN.
3.	REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF PARTITION WALL ELEVATIONS. BRACE WALLS IN ACCORDANCE WITH TYPICAL DETAILS.
4.	COORDINATE FIREPROOFING REQUIREMENTS WITH ARCHITECHURAL DRAWINGS AND...
5.	PROVIDE SIMPSON JOIST HANGERS AT ALL JOIST AND HEADER INTERSECTIONS.
6.	PROVIDE 2x BLOCKING BETWEEN JOISTS AT EACH MEP FIXTURE, FINISH ELEMENT, AND ANY ITEM ANCHORED TO FLOOR STRUCTURE. COORDINATE BLOCKING LOCATIONS WITH CEILING PENERATIONS.
7.	COORDINATE ALL SHAFT SIZES AND LOCATIONS WITH ARCH AND MEP.
8.	PROVIDE MULTIPLE STUDS TO GRADE AT HEADER OR CONCENTRATED BEARING POINTS.
9.	MECHANICAL EQUIPMENT IS SHOWN FOR REFERENCE ONLY. THE CONTRACTOR AND SUB SHALL VERIFY ALL UNIT WEIGHTS, LOCATIONS, AND DIMENSIONS PRIOR TO TRUSS FABRICATION.
10	COORDINATE FLOOR FRAMING LAYOUT WITH MEP. ADJUST JOIST LAYOUT AS REQUIRED AFTER CONSULTING WITH EOR. DO NOT CUT OR NOTCH JOISTS.
11	COORDINATE FLOOR FRAMING LAYOUT WITH MEP. ADJUST JOIST LAYOUT AS REQUIRED AFTER CONSULTING WITH EOR. DO NOT CUT OR NOTCH JOISTS.

WALL LEGEND

- HATCH INDICATES EXISTING 2x4 FRAMING
- HATCH INDICATES 2x4 FRAMING
- HATCH INDICATES 2x6 EXISTING FRAMING
- HATCH INDICATES 2x6 FRAMING
- HATCH INDICATES 2x8 FRAMING
- HATCH INDICATES 2x SHEAR WALL

BEARING WALL SCHEDULE

LOCATION		
EXTERIOR 2x8 WALLS 0' - 14'-6"	STUD SIZE	2X8
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
EXTERIOR 2x8 WALLS 14'-6" - 26'-0"	STUD SIZE	2X8
	# OF STUDS	2
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
EXTERIOR 2x6 WALLS	STUD SIZE	2X6
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
INTERIOR 2x8 WALLS	STUD SIZE	2X8
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
INTERIOR 2x6 WALLS	STUD SIZE	2X6
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
INTERIOR 2x4 WALLS	STUD SIZE	2X6
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
DEMISING WALLS	STUD SIZE	2X4 / 2X6
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2

NOTES:
1. STUDS INDICATED TO BE #1/#2 SPF SHALL HAVE THE FOLLOWING MINIMUM VALUES PER NDS TABLE 4A:
   A. Fb=875 PSI
   B. Fc=1150 PSI
2. REFER TO GENERAL NOTES FOR REQUIRED TOP PLATE, SILL PLATE, AND BLOCKING LUMBER GRADES.
3. STUDS SHALL ALIGN WITH FLOOR JOISTS OR TRUSSES AS APPLICABLE.
4. MULTIPLE STUDS SHALL BE NAILED IN ACCORDANCE WITH NDS SPECIFICATION SECTION 15.3.3:
   A. PROVIDE 10d NAILS AT DOUBLE STUDS
   B. PROVIDE 30d NAILS AT TRIPLE STUDS
5. PROVIDE BLOCKING AT ALL PLYWOOD PANEL EDGES.

COLUMN SCHEDULE

MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR ROD SIZE	NOTES
W44	4x4 DFL No 2	SIMPSON ABU 44Z	(2) 1/2" DIA	
W66	6x6 DFL No. 2	SIMPSON ABU 66Z	(1) 5/8" DIA	

KEYNOTE LEGEND

KEYNOTE	DESCRIPTION
06.301	PROVIDE MULTIPLE, BUILT-UP STUD POST, CONTINUOUS TO FOUNDATION, FOR FULL BEAM BEARING, (3) STUDS MINIMUM.
06.603	PROVIDE SIMPSON HEAVY DUTY FACE MOUNT HANGER.

CERTIFICATE OF AUTHORITY - ARCHITECTURE 354
CERTIFICATE OF AUTHORITY - ENGINEERING 657
GHN GASKIN HULSEY NORCROSS ARCHITECTURE
300 South Jefferson Avenue, Suite 301, Springfield, MO 65806
417.869.0719
www.ghnae.com

Stamp:

STATE OF ARKANSAS
BENJAMIN C. JENNINGS
LICENSED PROFESSIONAL ENGINEER
No. 14855
6.27.25

BEN JENNINGS, PE
LIC. # 14855
COA No. 3006

NEW FAYETTE 170
PRAIRIE GROVE WARD
SPRINGDALE AR STAKE

HIGHWAY 62 & BLUNT AVENUE
PRAIRIE GROVE, AR 72753

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

Mark	Date (DAH-Y)	Description

Project Number: 500-4685
Plan Series:
Property Number:

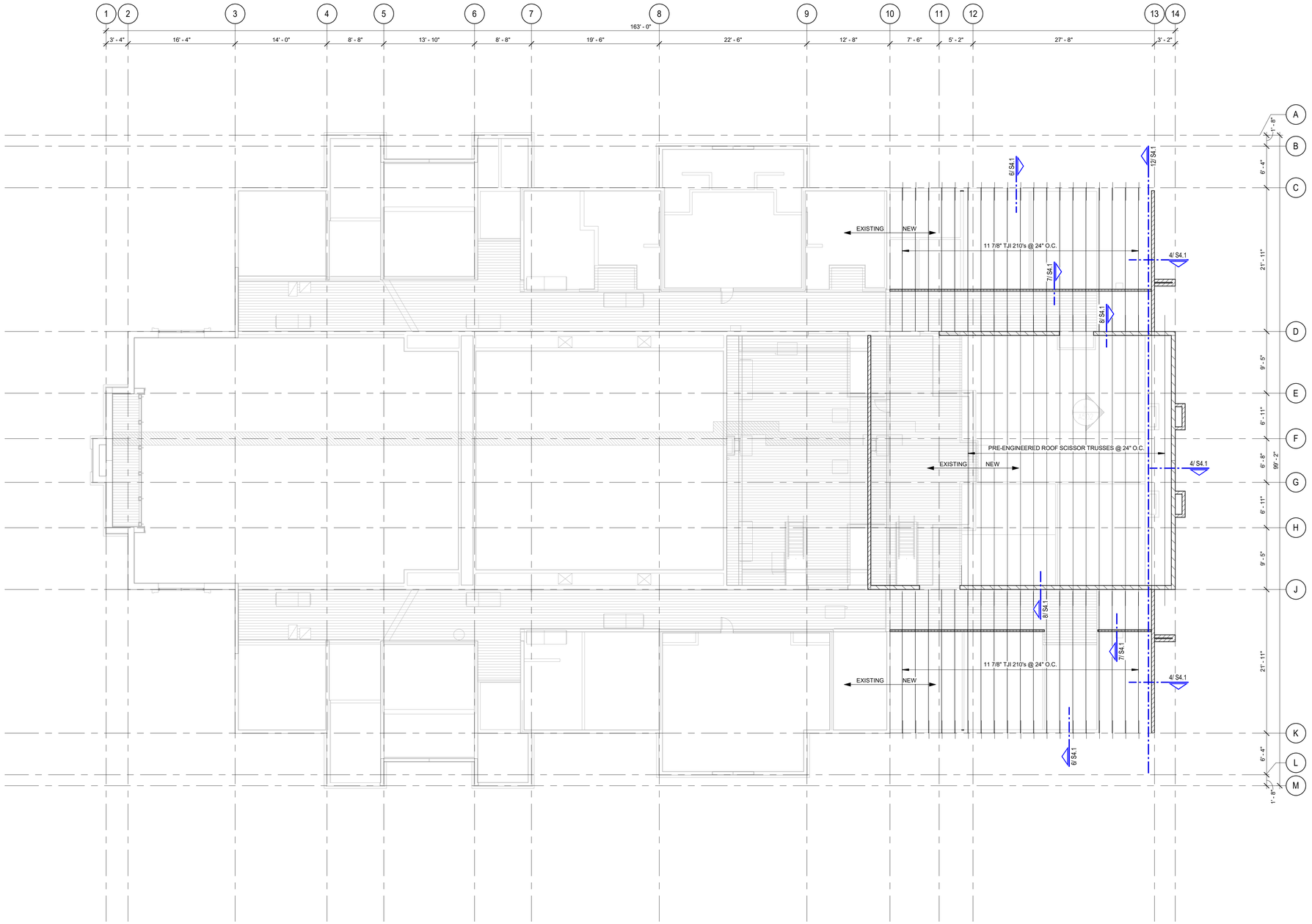
Sheet Title: EQUIPMENT PLATFORM FRAMING PLAN

ISSUE DATE: 05/06/25

Sheet: S3.1

6/26/2025 4:49:02 PM

FIELD VERIFY ALL DIMENSIONS WITH EXISTING STRUCTURE



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

PLAN

FRAMING PLAN NOTES

1.	ALL OPENING SIZES AND LOCATIONS, HEAD AND SILL ELEVATIONS, ETC. SHALL BE COORDINATED WITH OTHER DISCIPLINES.
2.	SEE TYPICAL FRAMING DETAILS FOR CONDITIONS NOT SPECIFICALLY SHOWN IN PLAN.
3.	REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF PARTITION WALL ELEVATIONS. BRACE WALLS IN ACCORDANCE WITH TYPICAL DETAILS.
4.	COORDINATE FIREPROOFING REQUIREMENTS WITH ARCHITECHURAL DRAWINGS AND...
5.	PROVIDE SIMPSON JOIST HANGERS AT ALL JOIST AND HEADER INTERSECTIONS.
6.	PROVIDE 2x BLOCKING BETWEEN JOISTS AT EACH MEP FIXTURE, FINISH ELEMENT, AND ANY ITEM ANCHORED TO FLOOR STRUCTURE. COORDINATE BLOCKING LOCATIONS WITH CEILING PENERATIONS.
7.	COORDINATE ALL SHAFT SIZES AND LOCATIONS WITH ARCH AND MEP.
8.	PROVIDE MULTIPLE STUDS TO GRADE AT HEADER OR CONCENTRATED BEARING POINTS.
9.	MECHANICAL EQUIPMENT IS SHOWN FOR REFERENCE ONLY. THE CONTRACTOR AND SUB SHALL VERIFY ALL UNIT WEIGHTS, LOCATIONS, AND DIMENSIONS PRIOR TO TRUSS FABRICATION.
10	COORDINATE FLOOR FRAMING LAYOUT WITH MEP. ADJUST JOIST LAYOUT AS REQUIRED AFTER CONSULTING WITH EOR. DO NOT CUT OR NOTCH JOISTS.
11	COORDINATE FLOOR FRAMING LAYOUT WITH MEP. ADJUST JOIST LAYOUT AS REQUIRED AFTER CONSULTING WITH EOR. DO NOT CUT OR NOTCH JOISTS.

WALL LEGEND

- HATCH INDICATES EXISTING 2x4 FRAMING
- HATCH INDICATES 2x4 FRAMING
- HATCH INDICATES 2x6 EXISTING FRAMING
- HATCH INDICATES 2x6 FRAMING
- HATCH INDICATES 2x8 FRAMING
- HATCH INDICATES 2x SHEAR WALL

BEARING WALL SCHEDULE

LOCATION		
EXTERIOR 2x8 WALLS 0' - 14'-6"	STUD SIZE	2X8
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
EXTERIOR 2x8 WALLS 14'-6" - 26'-0"	STUD SIZE	2X8
	# OF STUDS	2
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
EXTERIOR 2x6 WALLS	STUD SIZE	2X6
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
INTERIOR 2x8 WALLS	STUD SIZE	2X8
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
INTERIOR 2x6 WALLS	STUD SIZE	2X6
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
INTERIOR 2x4 WALLS	STUD SIZE	2X6
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2
DEMISING WALLS	STUD SIZE	2X4 / 2X6
	# OF STUDS	1
	STUD SPACING	16"
	BLOCKING SPACING	4'-0" O.C.
	LUMBER GRADE	SPF #1/#2

NOTES:
1. STUDS INDICATED TO BE #1/#2 SPF SHALL HAVE THE FOLLOWING MINIMUM VALUES PER NDS TABLE 4A:
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2. REFER TO GENERAL NOTES FOR REQUIRED TOP PLATE, SILL PLATE, AND BLOCKING LUMBER GRADES.
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   A. PROVIDE 10d NAILS AT DOUBLE STUDS
   B. PROVIDE 30d NAILS AT TRIPLE STUDS
5. PROVIDE BLOCKING AT ALL PLYWOOD PANEL EDGES.

CERTIFICATE OF AUTHORITY - ARCHITECTURE 354
CERTIFICATE OF AUTHORITY - ENGINEERING 657
GHN
GASKIN HULLINORCROSS ARCHITECTS
300 South Jefferson Avenue, Suite 301, Springfield, MO 65806
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Stamp:

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BENJAMIN C. JENNINGS
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6.27.25

BEN JENNINGS, PE
LIC. # 14855
COA No. 3006

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PRAIRIE GROVE, AR 72753

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

Mark	Date (DAH-Y)	Description

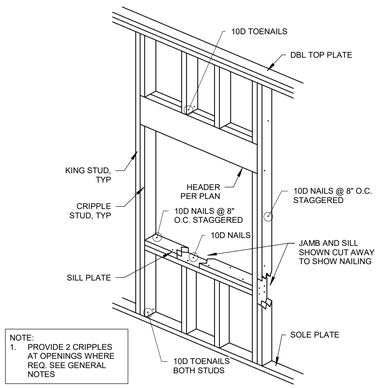
Project Number: 500-4685
Plan Series:
Property Number:

Sheet Title: ROOF FRAMING PLAN

ISSUE DATE: 04/08/08

Sheet: S3.2

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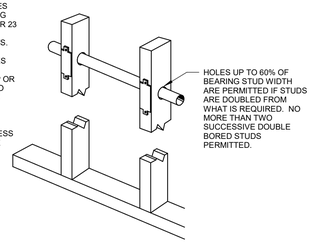


1 TYPICAL HEADER DETAIL
1/2" = 1'-0"

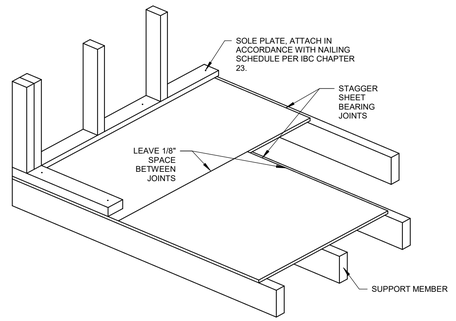
NOTCHES SHALL NOT EXCEED 25% OF STUD DEPTH, BORED HOLES ARE NOT TO EXCEED 40% OF STUD DEPTH. HOLES SHALL BE CENTERED ALONG STUD DEPTH. SEE CHAPTER 23 OF BUILDING CODE FOR ADDITIONAL REQUIREMENTS.

WHERE HOLES OR NOTCHES ARE CUT FOR PIPING OR ELECTRICAL, METAL STRAP OR PLATE MUST BE APPLIED TO THE FACE OF THE STUD TO PROTECT THE PIPE OR ELECTRIC WIRE.

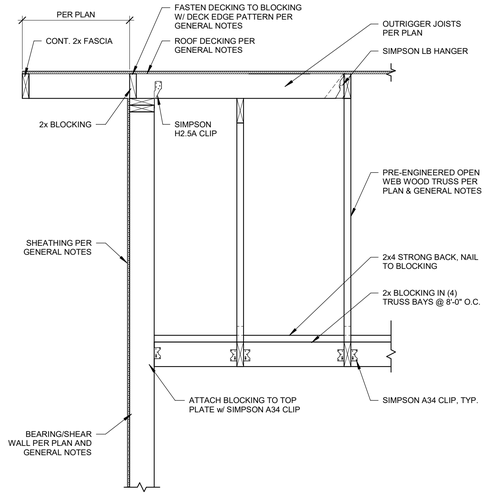
HOLE OR NOTCHES IN EXCESS OF THESE GUIDELINES ARE PERMITTED ONLY BY APPROVAL OF ARCHITECT, ENGINEER OR BUILDING OFFICIAL.



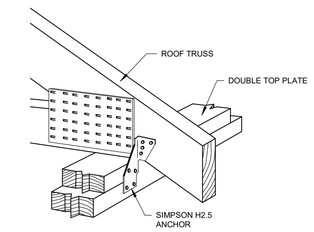
2 STUD PENETRATIONS
1" = 1'-0"



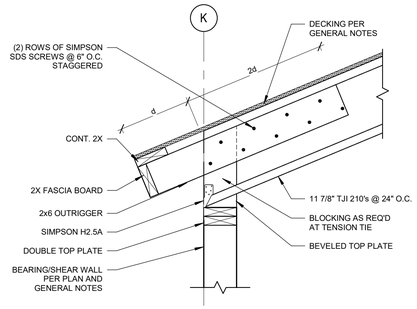
3 TYPICAL FRAMING DETAIL
3/4" = 1'-0"



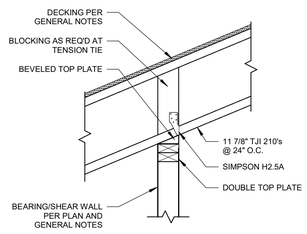
4 END WALL FRAMING
3/4" = 1'-0"



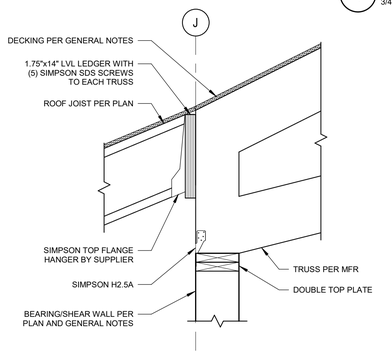
5 TYPICAL FRAMING DETAIL
1 1/2" = 1'-0"



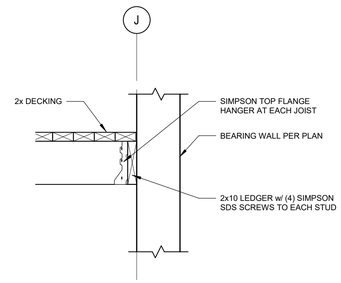
6 FRAMING DETAIL
1" = 1'-0"



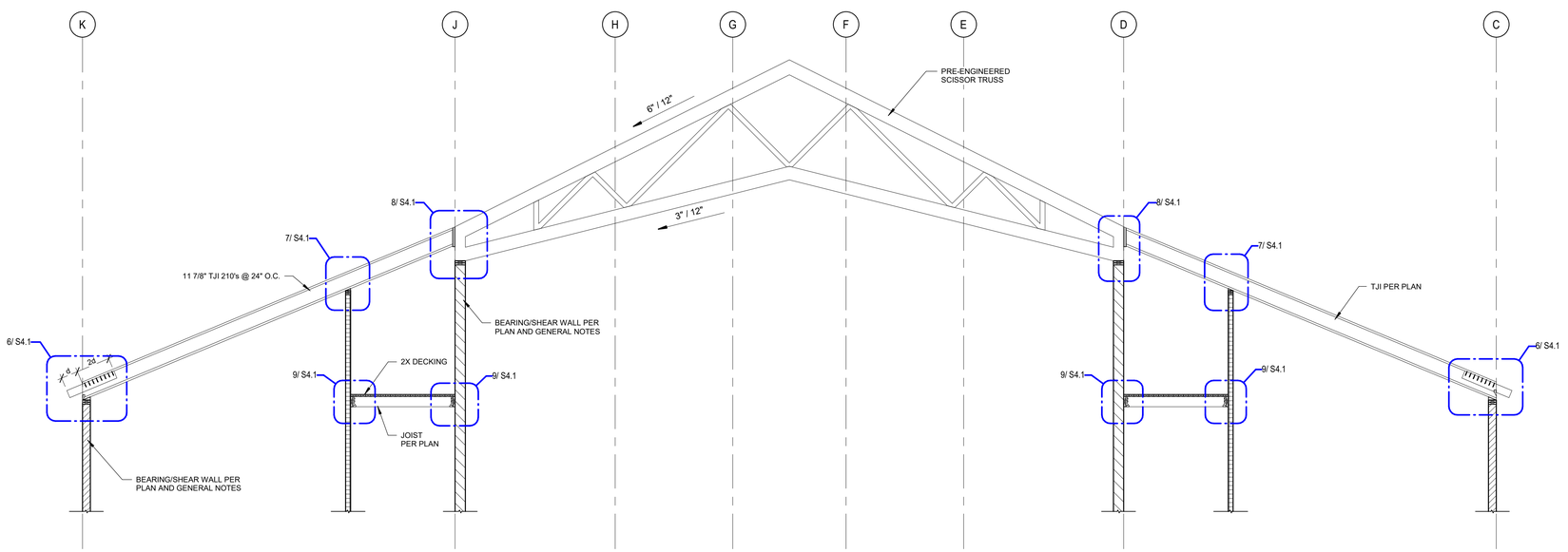
7 TJI FRAMING AT INTERIOR WALL
1" = 1'-0"



8 TRUSS TO TJI CONNECTION
1" = 1'-0"



9 JOIST CONNECTION DETAIL
1" = 1'-0"



12 FRAMING ELEVATION
1/4" = 1'-0"

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CERTIFICATE OF AUTHORITY - ENGINEERING 657
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LICENSED PROFESSIONAL ENGINEER
No. 14855
BENJAMIN S. JENNINGS
6.27.25

BEN JENNINGS, PE
LIC. # 14855
COA No. 3036

NEW FAYETTE 170
PRAIRIE GROVE WARD
SPRINGDALE AR STAKE

HIGHWAY 62 & BLUNT AVENUE
PRAIRIE GROVE, AR 72753

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

Mark	Date (D-MM-Y)	Description

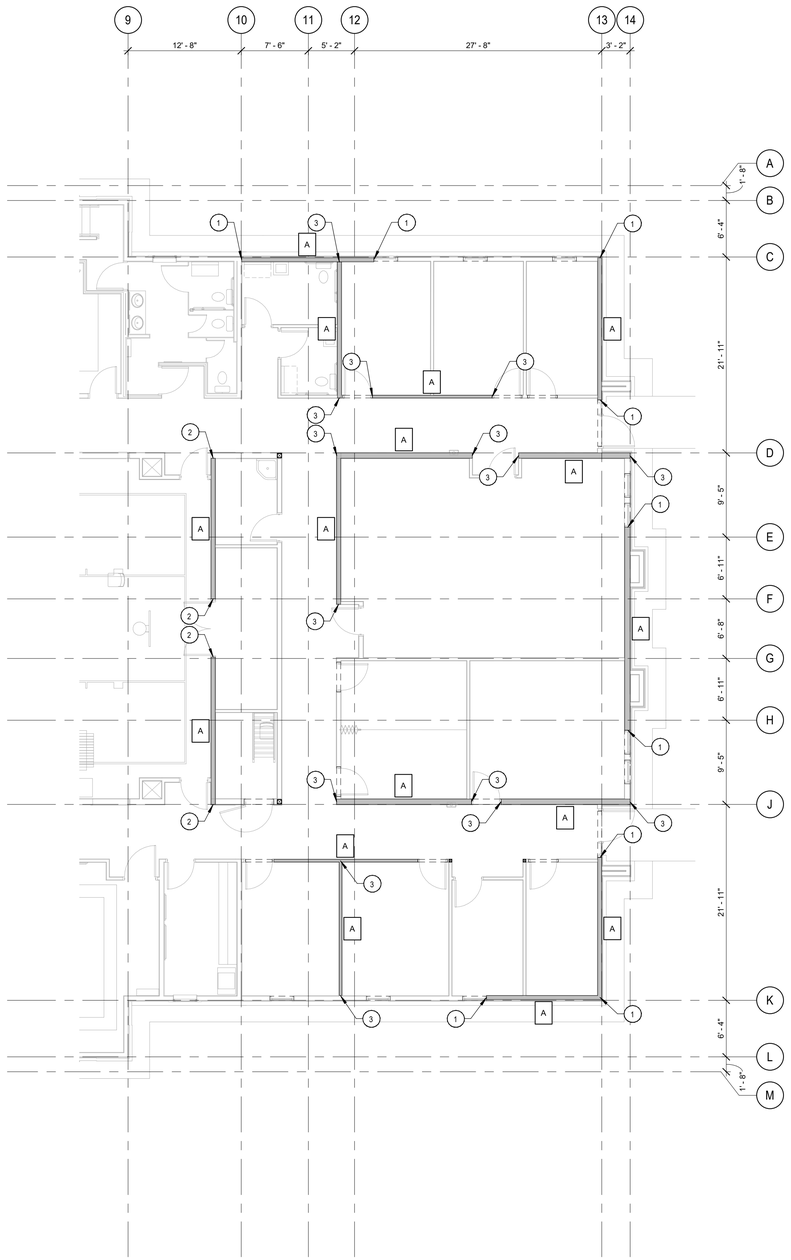
Project Number: 500-4685
Plan Series:
Property Number:

Sheet Title: FRAMING DETAILS

ISSUE DATE: 04/08/08

Sheet: S4.1

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1 SHEAR WALL PLAN
1/8" = 1'-0"

LEGEND

- HATCH INDICATES SHEAR WALL LOCATIONS

X — SHEAR WALL TYPE

X — HOLD-DOWN MARK

SHEAR WALL SCHEDULE

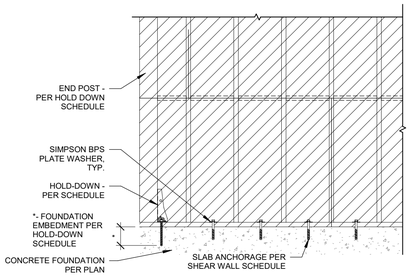
TYPE	FASTENERS	PANEL EDGE FASTENER SPACING	PANEL INTERIOR FASTENER SPACING	SINGLE OR DOUBLE SIDED	ANCHORAGE SPACING AT SLAB
A	8D COMMON NAILS	6"	12"	S	32"

NOTES:
1. SEE DETAILS 2 AND 3 ON S5.1.
2. SHEATHING FOR SHEAR WALLS SHALL BE 7/16" APA RATED 32/16 PLYWOOD OR OSB PANELS.
3. PROVIDE BLOCKING AT ALL SHEAR WALL SHEATHING PANEL EDGES.
4. FOR SINGLE SIDED SHEAR WALLS, SHEATHING SHALL BE LOCATED ON THE SIDE OF WALL NEAREST THE CALLOUT.
5. SILL ANCHORAGE TO SLAB ON GRADE SHALL BE 5/8" DIA. BY 8 INCH LONG SIMPSON TITEN HD SCREW ANCHORS AT SPACING INDICATED.
6. PROVIDE SIMPSON BPS PLATE WASHERS AT ALL ANCHORS TO SLAB ON GRADE.
7. TYPICAL PLATE ANCHORAGE TO FLOOR FRAMING SHALL BE 1/4" DIA. BY 6 INCH LONG SIMPSON SDS SCREWS AT SPACING INDICATED.
   (PROVIDE 1/4" DIA. BY 8 INCH LONG SIMPSON SDS SCREWS AT DOUBLE SILL PLATE LOCATIONS)

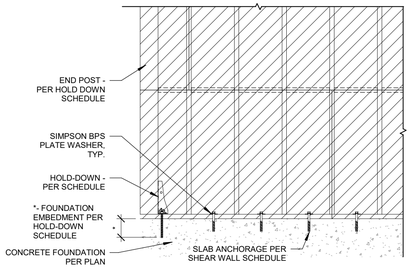
SHEAR WALL HOLD DOWN AND STRAP TIE SCHEDULE

TYPE	HOLD DOWN	QTY OF STUDS AT HOLD DOWN	No. OF FASTENERS / ANCHOR BOLTS
1	DTT2Z-SDS2.5	(2) DFL No. 2	1/2" DIA. ALL-THREAD. DRILL & EPOXY 9"
2	HDU5-SDS2.5	(2) DFL No. 2	5/8" DIA. ALL-THREAD. DRILL & EPOXY 12"
3	HDU8-SDS2.5	(3) DFL No. 2	7/8" DIA. ALL-THREAD. DRILL & EPOXY 15"

NOTES:
1. ALL SHEAR WALL HARDWARE SHALL BE SIMSPON STRONG TIE OR APPROVED EQUAL. HARDWARE REFERRED TO IN SCHEDULE IS BY SIMPSON.
2. ALL HARDWARE SHALL BE INSTALLED IN ACCORDANCE WITH ALL MFR RECOMMENDATIONS.
3. SEE DETAILS 2 AND 3 ON S5.1 FOR TYPICAL WALL DETAILS.



3 INTERIOR SHEAR WALL
1/2" = 1'-0"



4 EXTERIOR SHEAR WALL
1/2" = 1'-0"

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CERTIFICATE OF AUTHORITY - ENGINEERING 657
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NEW FAYETTE 170
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HIGHWAY 62 & BLUNT AVENUE
PRAIRIE GROVE, AR 72753

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

Mark	Date (DAH-Y)	Description

Project Number: 500-4685
Plan Series:
Property Number:

Sheet Title: SHEAR WALL PLANS

ISSUE DATE: 12/16/15

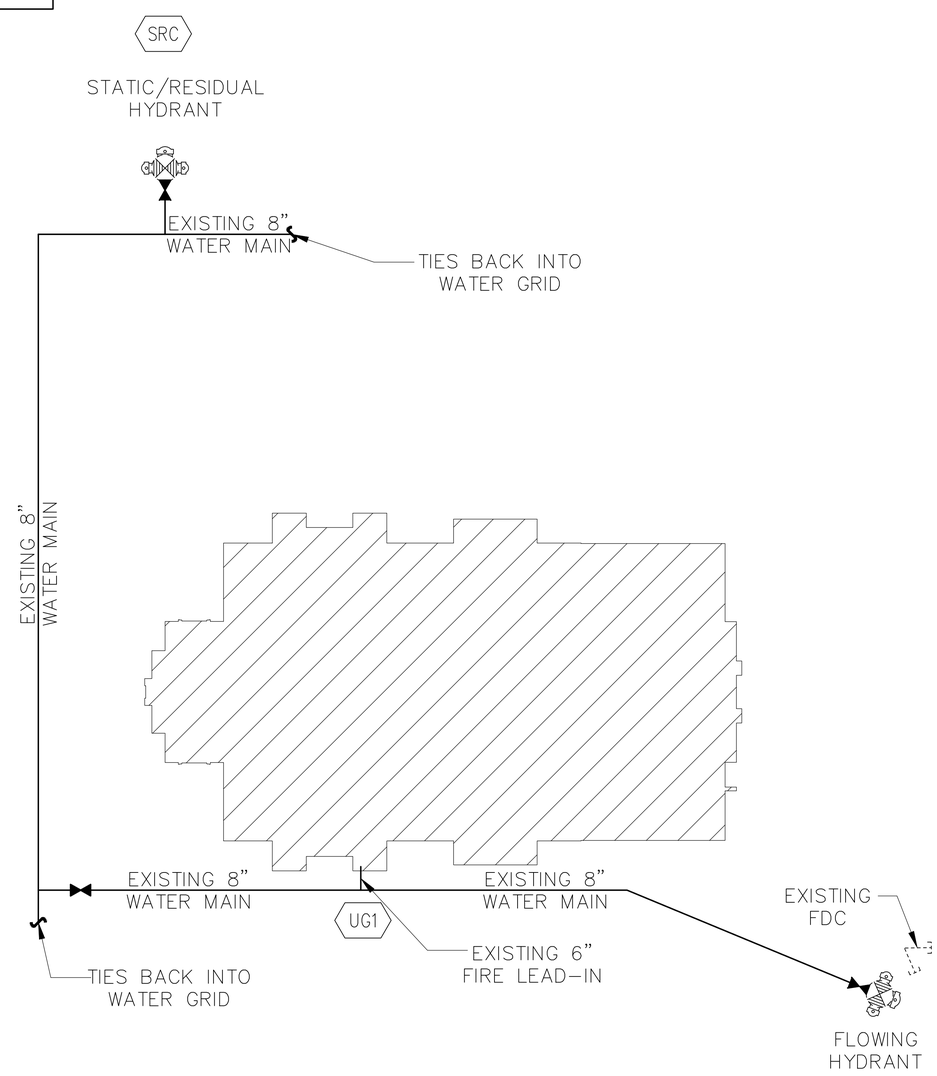
Sheet: S5.1

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HEAD COUNT

SPRINKLERS	K-FACTOR	ORIFICE	FINISH	TYPE	STYLE	TEMP	QTY TOTAL
◉	5.6	1/2"	VARIES	WET PENDENT	CONCEALED	155	60
○	5.6	1/2"	BRASS	UPRIGHT	N/A	212	20
⚲	5.6	1/2"	BRASS	BB-1 UPRIGHT	N/A	212	7
◉	EXISTING PENDENT SPRINKLER						–
○	EXISTING UPRIGHT SPRINKLER						–
⚲	EXISTING BB-1 ATTIC SPRINKLER						–

CONTRACTOR TO COORDINATE WITH OWNER FOR SPRINKLER FINISHS



FIRE SPRINKLER SITE PLAN — 1 FS101

1" = 20'-0"

0' 20' 40' 60' 80'

SCALE: 1"=20'-0"

NOTES

1. INSTALL FIRE PROTECTION PIPING AS SHOWN, WET-PIPE SYSTEM IN HEATED AREAS AND ANTI-FREEZE SYSTEM IN UNHEATED AREAS. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER.
2. ANTI-FREEZE SYSTEM IN ATTIC TO BE INSTALLED PER 2013 NFPA 13 7.6
3. THE FIRE SPRINKLER SYSTEM SHALL BE DESIGNED PER THE REQUIREMENTS OF NFPA 13, LIGHT HAZARD FOR THE MAIN LEVEL AND ATTIC WITH THE EXCEPTION OF THE SERVING AREA, MECHANICAL, ELECTRICAL AND JANITOR AREAS WHICH SHALL BE DESIGNED AS ORDINARY HAZARD GROUP 1.
4. SEE SITE PLAN FOR UTILITY CONNECTION FOR FIRE PROTECTION PIPING, AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE.
5. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK.
6. COORDINATE WITH REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS.
7. COORDINATE WITH FRAMER FOR SHEAR-WALL PENETRATIONS.
8. SPRINKLERS SHALL BE QUICK-RESPONSE TYPE.
9. ALL WET-PIPE SYSTEM COMPONENTS (EXCEPT DRY-SPRINKLERS) MUST BE INSIDE THE BUILDING INSULATION ENVELOPE.
10. CENTER UPRIGHT HEADS IN BETWEEN TRUSSES IN TRUSSED ATTIC AREA.

FIRE PROTECTION SYMBOL LEGEND

SYMBOL	DESCRIPTION
NODE	HYDRAULIC REFERENCE NODE POINT
	EXISTING PIPE
	NEW PIPE
	EXISTING PIPE CONTINUATION
	PIPE CONTINUATION
	EXISTING CAP
D	CAP
	EXISTING RISER NIPPLE
C	RISER NIPPLE
	EXISTING WET RISER
	NEW DRY RISER
	USING EXISTING OUTLET
	MECHANICAL TEE, CUT IN TEE, OR WELDED OUTLET (CONTRACTOR TO DETERMINE)
	NEW CONTROL VALVE
	NEW SPRIG UP
	EXISTING SPRIG UP

ALL SPRINKLERS TO BE USED SHALL BE TYCO. SUBSTITUTIONS WILL NOT BE PERMITTED.REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

WATER FLOW TEST

TEST DATE: 04/30/2025 TEST TIME: 09:53AM

STATIC: 90 PSI RESIDUAL: 50 PSI

FLOW: 2014 GPM LOCATION: S HYDRANT

TEST BY: PRAIRIE GROVE FIRE DEPARTMENT

CONTACT INFORMATION

DOCUMENTS INCLUDE JURISDICTIONAL REQUIREMENTS PROVIDED BY THE FOLLOWING CONTACTS:

FIRE SPRINKLER REVIEWING AUTHORITY:
JOHN C. DOBBS – FIRE CHIEF
131 S NEAL ST
PRAIRIE GROVE, AR 72753
479-846-3090

APPLICABLE CODES

2021 – ARKANSAS FIRE PREVENTION CODE

NFPA STANDARD:	EDITION:
NFPA 13	2013
NFPA 20	2016

REFER TO ARCH SHEETS FOR APPLICABLE CODES

SHEET INDEX

FS101	FIRE PROTECTION SITE PLAN
FS102	FIRE PROTECTION DEMO PLAN
FS201	MAIN LEVEL FIRE SPRINKLER PLAN
FS202	EQUIPMENT PLATFORM WET FIRE PROTECTION PLAN
FS203	ANTI-FREEZE FIRE PROTECTION PLAN
FS301	FIRE SPRINKLER SECTIONS AND ELEVATIONS
FS501	FIRE SPRINKLER DETAILS

Architect / Engineer:
Samuel A. Snodgrass P.E.
(samsnod@aol.com)
479-636-5004
JOB NO. 2025-0502
SUITE 4165
1906 S 13TH ST
ROGERS, AR 72758 DESIGNED BY: COH

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 21957 SAMUEL A. SNODGRASS

Stamp: May 09, 2025

"I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MN ADDITION
SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

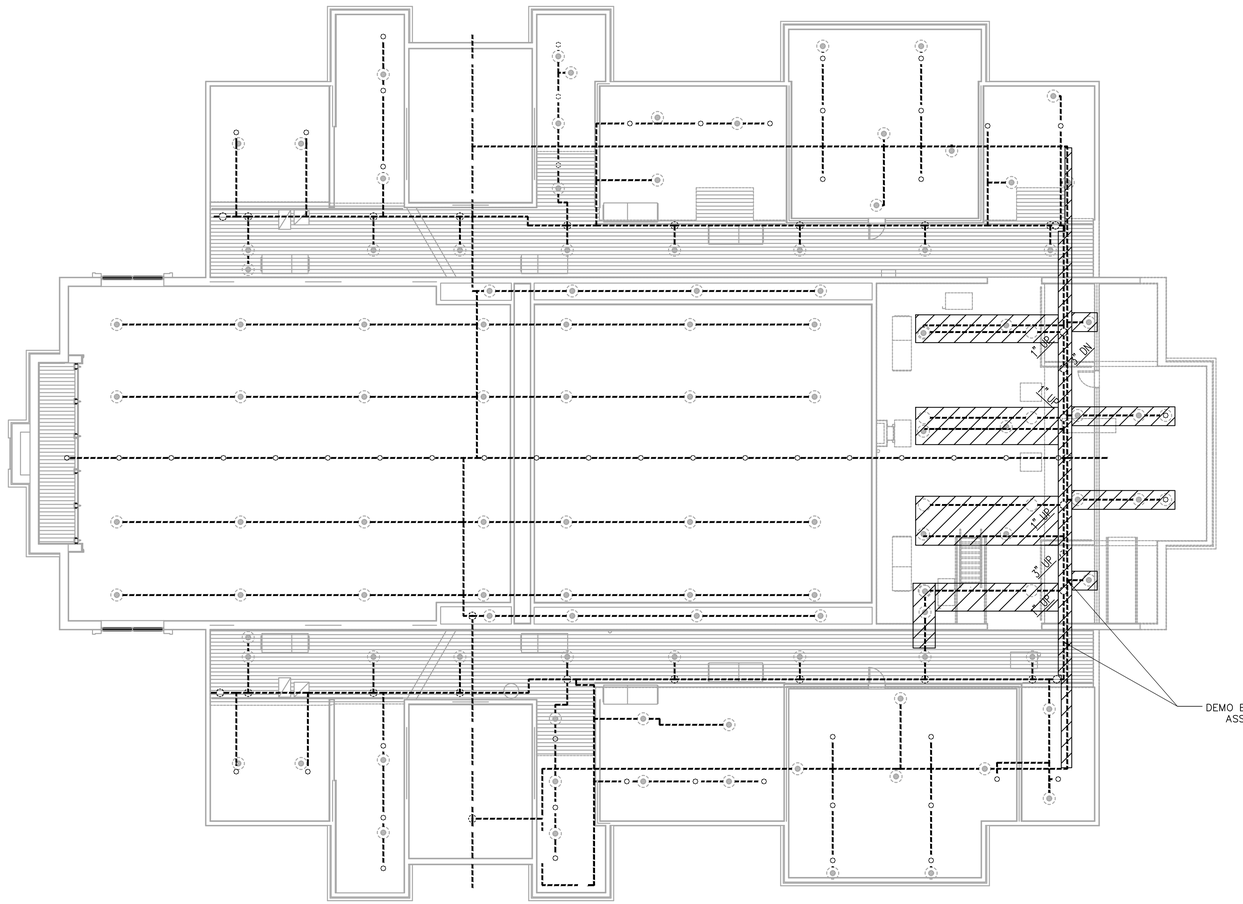
Sheet Title: FIRE PROTECTION SITE PLAN

Sheet: FS101

5/9/2025 4:05 PM
FS101 - FIRE PROTECTION SITE PLAN

5/1/2025 10:05:20 AM

EXISTING PIPING AND SPRINKLERS TO BE DEMO'D



FIRE SPRINKLER DEMO PLAN

1/8" - 1'-0"

1 / FS102

0' 20' 40' 60' 80'

Architect / Engineer:

Samuel A. Snodgrass P.E.
samsnod@aol.com
479-636-8004
JOB NO. 24-078.00
DESIGNED BY: COH
SUITE 4100
1609 E. HOKE ST
ROGERS, AR 72756

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21957
SAMUEL A. SNODGRASS

Stamp: **May 09, 2025**

"I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MN ADDITION
SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title:
FIRE PROTECTION DEMO PLAN

Sheet: FS102

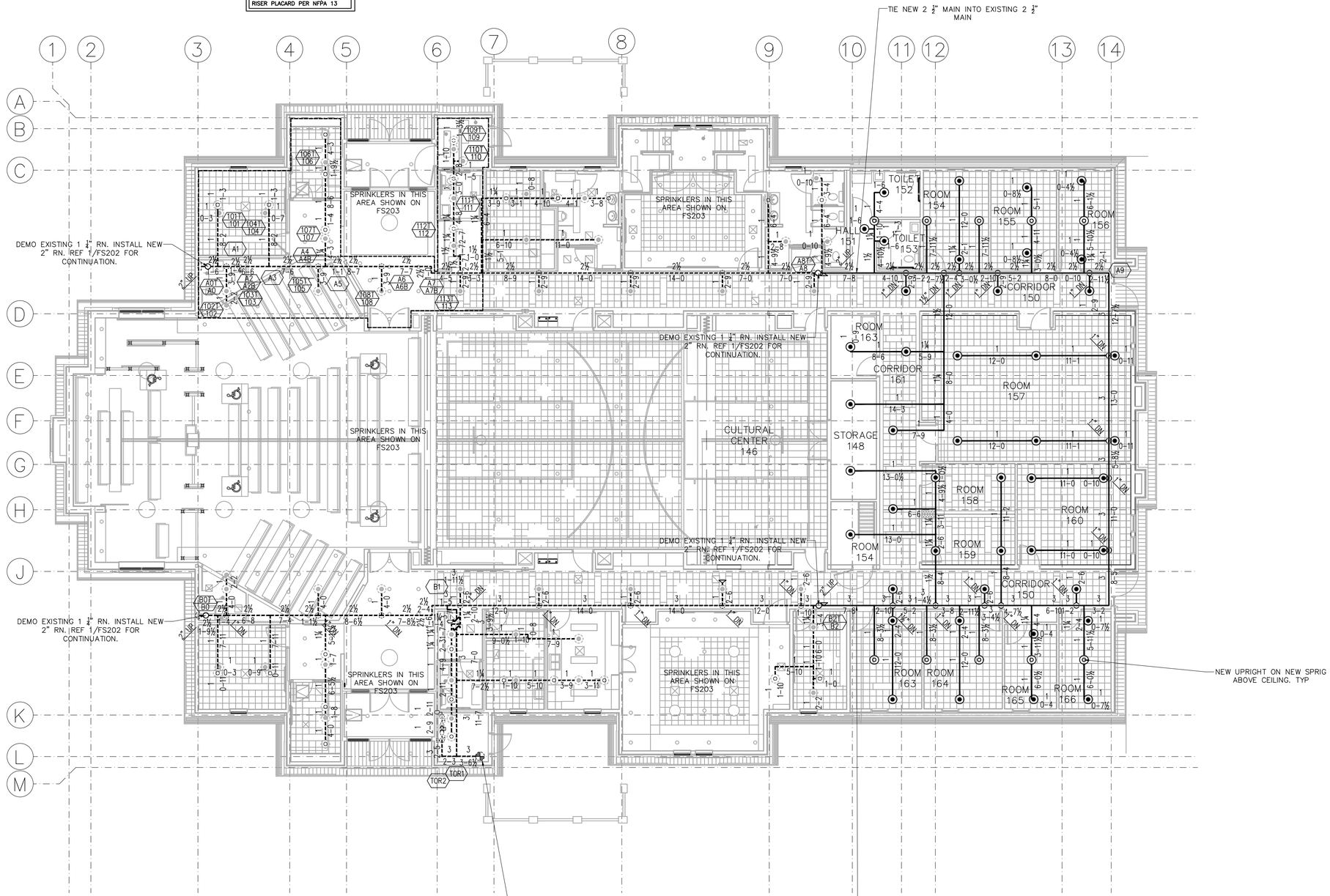
5/12/2025 10:05:20 AM

5/9/2025 4:05 PM
FS102 - FIRE PROTECTION DEMO PLAN

HYDRAULIC DESIGN	
REMOTE AREA #1	SYSTEM # WET ROOMS
SPRINKLERS CALCULATED	113 SPRINKLERS
SPRINKLER DENSITY REQ'D	.10 GPM/SQ. FT.
AREA OF DISCHARGE	900 SQ. FT.
HOSE ALLOWANCE	100 GPM
SPRINKLER SYSTEM DEMAND @ SRC	367.20 GPM
REQUIRED PRESSURE @ SRC	68.15 PSI
SAFETY FACTOR @ SRC	20.14 PSI
MAXIMUM SQUARE FOOTAGE PER HEAD SHALL NOT EXCEED=225	
CONTRACTOR SHALL ADD/REPLACE RISER PLACARD PER NFPA 13	

INSTALL SPRINKLER PIPE AND ASSOCIATED ACCESSORIES PER DETAILS ON FS501 SHEET WHERE APPLICABLE

COORDINATE SPRINKLER LOCATIONS WITH ELECTRICAL AND MECHANICAL TRADES PRIOR TO INSTALLATION.



OVERALL WET FIRE SPRINKLER PLAN (1 / FS201)

1/8" - 1'-0"

0' 20' 40' 60' 80'

GENERAL NOTES

1. INSTALL FIRE PROTECTION PIPING AS SHOWN. WET-PIPE SYSTEM THROUGHOUT ALL AREAS OF THE BUILDING. EXCEPT WHERE NOTED AS ANTI-FREEZE SYSTEM.
2. USE DRY-BARREL TYPE SPRINKLERS IN CANOPIES AND VESTIBULES WHEN SUPPLIED FROM WET SYSTEM.
3. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER.
4. RUN PIPING LEVEL OR SLOPED TO DRAIN AS DESIGNATED IN NFPA 13.
5. THE FIRE SPRINKLER SYSTEM SHALL BE DESIGNED PER THE REQUIREMENTS OF NFPA 13, LIGHT HAZARD FOR THE MAIN LEVEL AND ATTIC WITH THE EXCEPTION OF THE SERVING AREA, MECHANICAL, ELECTRICAL AND JANITOR AREAS WHICH SHALL BE DESIGNED AS ORDINARY HAZARD GROUP 1.
6. SPRINKLER HEAD SPACING:
   - 6.1. LIGHT HAZARD: 225 SQ. FT
   - 6.2. ORDINARY HAZARD: 130 SQ. FT
   - 6.3. ATTIC: 130 SQ. FT PER HEAD
7. SEE SITE PLAN FOR UTILITY CONNECTION AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE, IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK EXCEPT AS SHOWN ON THE DRAWINGS.
9. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS. SPRINKLER HEADS DO NOT HAVE TO BE CENTERED IN THE ONE FOOT ACOUSTICAL TILES.
10. COORDINATE WITH FRAMER FOR SHEAR-WALL PENETRATIONS.
11. ALL SPRINKLERS SHALL BE QUICK-RESPONSE TYPE.
12. ALL WET-PIPE SYSTEM COMPONENTS (EXCEPT DRY SPRINKLERS) SHALL BE INSIDE THE BUILDING INSULATION ENVELOPE.
13. ALL REQUIRED DRAINS SHALL FOLLOW NFPA 13 REQUIREMENTS. DRAIN VALVES SHALL BE LOCATED TO PREVENT PUBLIC ACCESS AND SHALL BE PIPED TO DISCHARGE OUTSIDE THE BUILDING.
14. PROVIDE FIRE SPRINKLERS UNDER CANOPIES, STAIRS, AND ROSTRUM ONLY IF REQUIRED BY THE LOCAL FIRE MARSHAL. SPRINKLERS ARE NOT REQUIRED WITHIN CANOPIES THAT ARE FILLED WITH NON-COMBUSTIBLE INSULATION.
15. CONTRACTOR SHALL OBTAIN WATERFLOW INFORMATION AND PROVIDE RESULTS TO ARCHITECT AND ENGINEER.

Architect / Engineer:
Samuel A. Snodgrass P.E.
479-636-0504
JOB NO. 2500
DWN BY: COH
SUITE 4195
1800 S. 52ND ST
ROGERS, AR 72758 DESIGNED BY:
samsnodgrass@cox.net

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21957
SAMUEL A. SNODGRASS

Stamp Date: **May 09, 2025**

"I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MN ADDITION
SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MAIN LEVEL WET FIRE SPRINKLER PLAN

Sheet: FS201

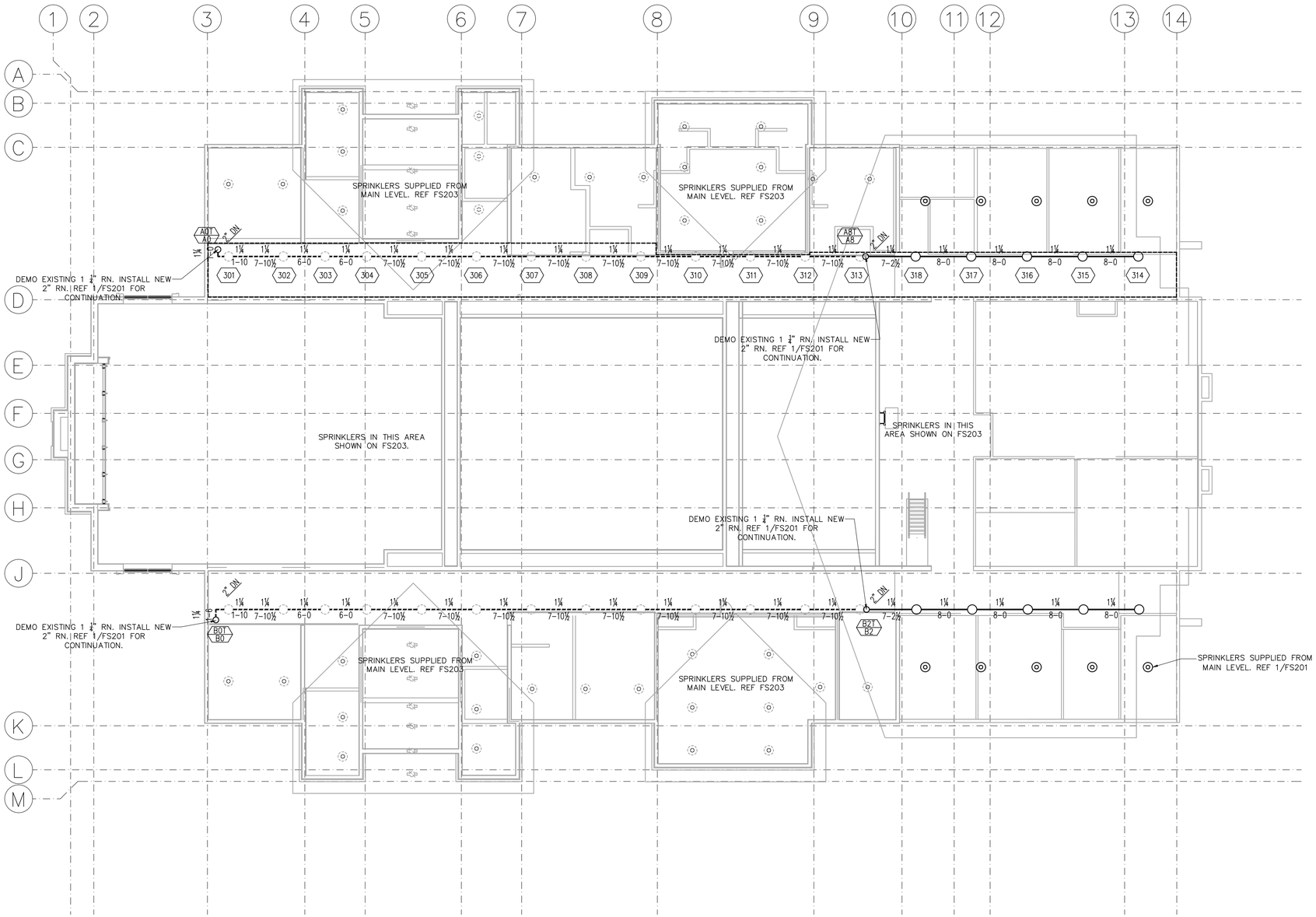
5/9/2025 4:05 PM
FS201 - MAIN LEVEL FIRE SPRINKLER PLAN

5/1/2025 10:05:20 AM

HYDRAULIC DESIGN	
REMOTE AREA #3	SYSTEM # WET EQUIPMENT PLATFORM
SPRINKLERS CALCULATED	18 SPRINKLERS
SPRINKLER DENSITY REQ'D	.15 GPM/SQ. FT.
AREA OF DISCHARGE	1950
HOSE ALLOWANCE	250 GPM
SPRINKLER SYSTEM DEMAND @ SRC	571.11 GPM
REQUIRED PRESSURE @ SRC	83.37 PSI
SAFETY FACTOR @ SRC	2.74 PSI
MAXIMUM SQUARE FOOTAGE PER HEAD SHALL NOT EXCEED=130	
CONTRACTOR SHALL ADD/REPLACE RISER PLACARD PER NFPA 13	

INSTALL SPRINKLER PIPE AND ASSOCIATED ACCESSORIES PER DETAILS ON FS501 SHEET WHERE APPLICABLE

COORDINATE SPRINKLER LOCATIONS WITH ELECTRICAL AND MECHANICAL TRADES PRIOR TO INSTALLATION.



EQUIPMENT PLATFORM WET FIRE SPRINKLER PLAN

1/8" - 1'-0"

1 FS202

0' 20' 40' 60' 80'

SCALE: 1"=20'-0"

GENERAL NOTES

1. INSTALL FIRE PROTECTION PIPING AS SHOWN. WET-PIPE SYSTEM THROUGHOUT ALL AREAS OF THE BUILDING. EXCEPT WHERE NOTED AS ANTI-FREEZE SYSTEM.
2. USE DRY-BARREL TYPE SPRINKLERS IN CANOPIES AND VESTIBULES WHEN SUPPLIED FROM WET SYSTEM.
3. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER.
4. RUN PIPING LEVEL OR SLOPED TO DRAIN AS DESIGNATED IN NFPA 13.

THE FIRE SPRINKLER SYSTEM SHALL BE DESIGNED PER THE REQUIREMENTS OF NFPA 13, LIGHT HAZARD FOR THE MAIN LEVEL AND ATTIC WITH THE EXCEPTION OF THE SERVING AREA, MECHANICAL, ELECTRICAL AND JANITOR AREAS WHICH SHALL BE DESIGNED AS ORDINARY HAZARD GROUP 1.

5. SPRINKLER HEAD SPACING:
   - 5.1. LIGHT HAZARD: 225 SQ. FT
   - 5.2. ORDINARY HAZARD: 130 SQ. FT
   - 5.3. ATTIC: 130 SQ. FT PER HEAD
6. SEE SITE PLAN FOR UTILITY CONNECTION AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE, IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
7. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK EXCEPT AS SHOWN ON THE DRAWINGS.
8. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS. SPRINKLER HEADS DO NOT HAVE TO BE CENTERED IN THE ONE FOOT ACOUSTICAL TILES.
9. COORDINATE WITH FRAMER FOR SHEAR-WALL PENETRATIONS.
10. ALL SPRINKLERS SHALL BE QUICK-RESPONSE TYPE.
11. ALL WET-PIPE SYSTEM COMPONENTS (EXCEPT DRY SPRINKLERS) SHALL BE INSIDE THE BUILDING INSULATION ENVELOPE.
12. ALL REQUIRED DRAINS SHALL FOLLOW NFPA 13 REQUIREMENTS. DRAIN VALVES SHALL BE LOCATED TO PREVENT PUBLIC ACCESS AND SHALL BE PIPED TO DISCHARGE OUTSIDE THE BUILDING.
13. PROVIDE FIRE SPRINKLERS UNDER CANOPIES, STAIRS, AND ROSTRUM ONLY IF REQUIRED BY THE LOCAL FIRE MARSHAL. SPRINKLERS ARE NOT REQUIRED WITHIN CANOPIES THAT ARE FILLED WITH NON-COMBUSTIBLE INSULATION.
14. CONTRACTOR SHALL OBTAIN WATERFLOW INFORMATION AND PROVIDE RESULTS TO ARCHITECT AND ENGINEER.

Architect / Engineer:
Samuel A. Snodgrass P.E.
479-636-5004
JOB NO. 2024-0502
SUITE 4195
1400 S. 52ND ST
ROGERS, AR 72758 DESIGNED BY: COH

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21957
SAMUEL A. SNODGRASS

Stamp:
May 09, 2025

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NEW - MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MN ADDITION
SPRINGDALE AR STAKE
801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: EQUIPMENT WET FIRE PROTECTION PLAN

Sheet: FS202

5/9/2025 4:05 PM
FS202 - EQUIPMENT PLATFORM WET FIRE PROTECTION PLAN

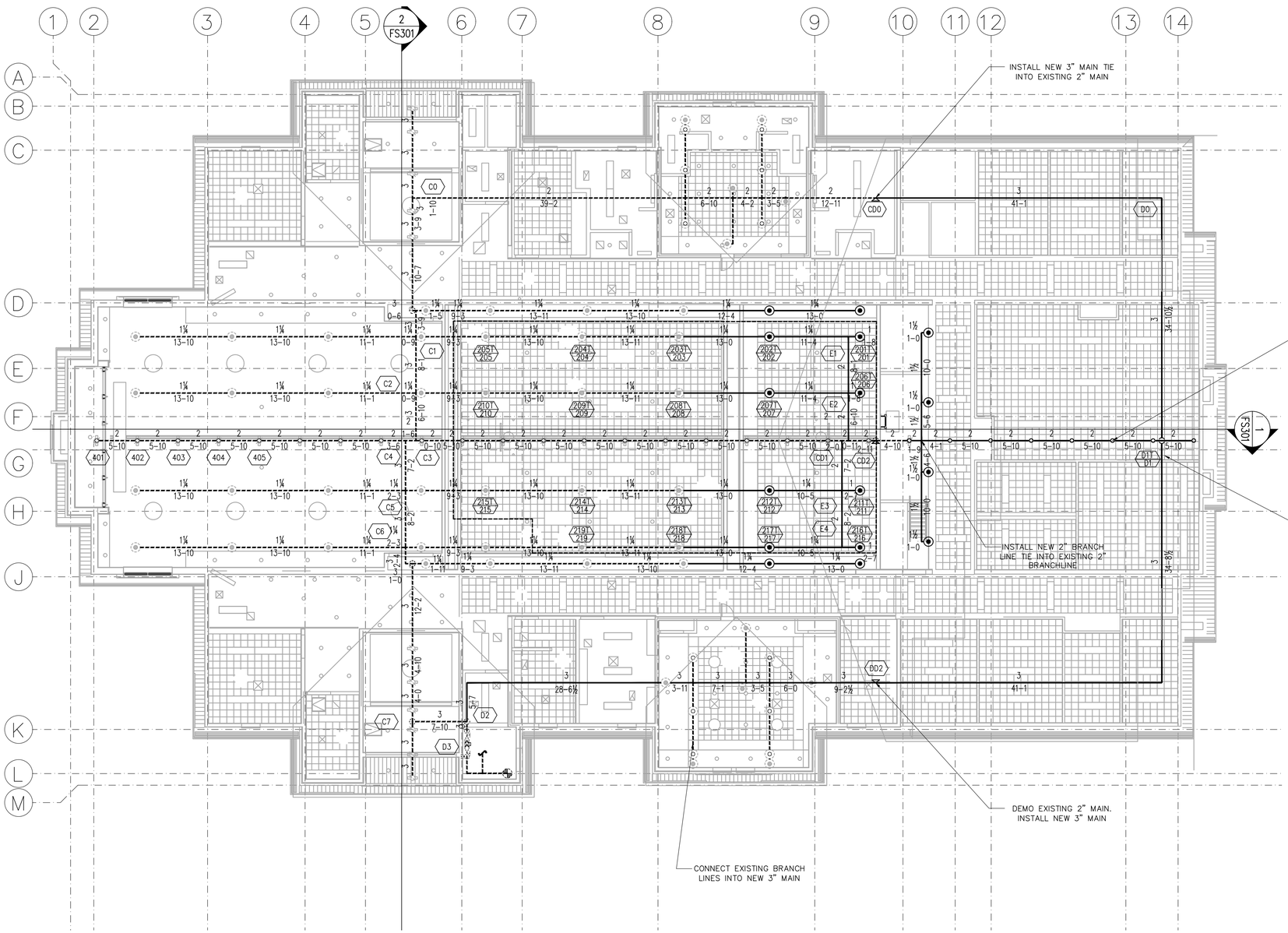
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HYDRAULIC DESIGN	
REMOTE AREA #4	SYSTEM # ANTI-FREEZE ATTIC
SPRINKLERS CALCULATED	5 SPRINKLERS
SPRINKLER FLOW REQ'D PER HEAD	25 GPM
AREA OF DISCHARGE	5 SPRINKLERS
HOSE ALLOWANCE	250 GPM
SPRINKLER SYSTEM DEMAND @ SRC	219.10 GPM
REQUIRED PRESSURE @ SRC	52.46 PSI
SAFETY FACTOR @ SRC	36.88 PSI
MAXIMUM SQUARE FOOTAGE PER HEAD SHALL NOT EXCEED=225	
CONTRACTOR SHALL ADD/REPLACE RISER PLACARD PER NFPA 13	

HYDRAULIC DESIGN	
REMOTE AREA #2	SYSTEM # ANTI-FREEZE GYM
SPRINKLERS CALCULATED	19 SPRINKLERS
SPRINKLER DENSITY REQ'D	.10 GPM/SQ. FT.
AREA OF DISCHARGE	1950 SQ. FT.
HOSE ALLOWANCE	100 GPM
SPRINKLER SYSTEM DEMAND @ SRC	492.50 GPM
REQUIRED PRESSURE @ SRC	83.49 PSI
SAFETY FACTOR @ SRC	3.55 PSI
MAXIMUM SQUARE FOOTAGE PER HEAD SHALL NOT EXCEED=225	
CONTRACTOR SHALL ADD/REPLACE RISER PLACARD PER NFPA 13	

INSTALL SPRINKLER PIPE AND ASSOCIATED ACCESSORIES PER DETAILS ON FS501 SHEET WHERE APPLICABLE

COORDINATE SPRINKLER LOCATIONS WITH ELECTRICAL AND MECHANICAL TRADES PRIOR TO INSTALLATION.



OVERALL ANTI-FREEZE FIRE SPRINKLER PLAN 1 FS203

1/8" - 1'-0"

0' 20' 40' 60' 80'

GENERAL NOTES

1. INSTALL FIRE PROTECTION PIPING AS SHOWN. WET-PIPE SYSTEM THROUGHOUT ALL AREAS OF THE BUILDING. EXCEPT WHERE NOTED AS ANTI-FREEZE SYSTEM.
2. USE DRY-BARREL TYPE SPRINKLERS IN CANOPIES AND VESTIBULES WHEN SUPPLIED FROM WET SYSTEM.
3. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER.
4. RUN PIPING LEVEL OR SLOPED TO DRAIN AS DESIGNATED IN NFPA 13.
5. THE FIRE SPRINKLER SYSTEM SHALL BE DESIGNED PER THE REQUIREMENTS OF NFPA 13, LIGHT HAZARD FOR THE MAIN LEVEL AND ATTIC WITH THE EXCEPTION OF THE SERVING AREA, MECHANICAL, ELECTRICAL AND JANITOR AREAS WHICH SHALL BE DESIGNED AS ORDINARY HAZARD GROUP 1.
6. SPRINKLER HEAD SPACING:
   6.1. LIGHT HAZARD: 225 SQ. FT
   6.2. ORDINARY HAZARD: 130 SQ. FT
   6.3. ATTIC: 130 SQ. FT PER HEAD
7. SEE SITE PLAN FOR UTILITY CONNECTION AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE, IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK EXCEPT AS SHOWN ON THE DRAWINGS.
9. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS. SPRINKLER HEADS DO NOT HAVE TO BE CENTERED IN THE ONE FOOT ACOUSTICAL TILES.
10. COORDINATE WITH FRAMER FOR SHEAR-WALL PENETRATIONS.
11. ALL SPRINKLERS SHALL BE QUICK-RESPONSE TYPE.
12. ALL WET-PIPE SYSTEM COMPONENTS (EXCEPT DRY SPRINKLERS) SHALL BE INSIDE THE BUILDING INSULATION ENVELOPE.
13. ALL REQUIRED DRAINS SHALL FOLLOW NFPA 13 REQUIREMENTS. DRAIN VALVES SHALL BE LOCATED TO PREVENT PUBLIC ACCESS AND SHALL BE PIPED TO DISCHARGE OUTSIDE THE BUILDING.
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15. CONTRACTOR SHALL OBTAIN WATERFLOW INFORMATION AND PROVIDE RESULTS TO ARCHITECT AND ENGINEER.

Architect / Engineer:
Samuel A. Snodgrass P.E.
479-636-6004
JOB NO. 2024
DESIGNED BY: COH
SUITE 4150
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samsnod@aol.com

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 21957 SAMUEL A. SNODGRASS

Stamp: May 09, 2025

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SPRINGDALE AR STAKE
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PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

Mark.	Date (D-M-Y)	Description

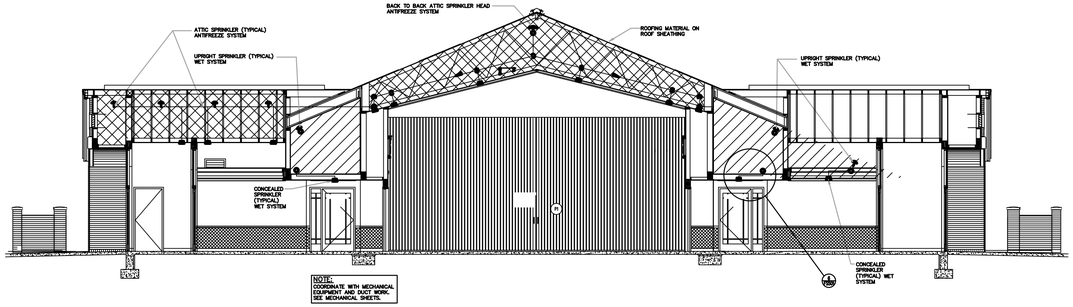
Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: ANTI-FREEZE FIRE PROTECTION PLAN

Sheet: FS203

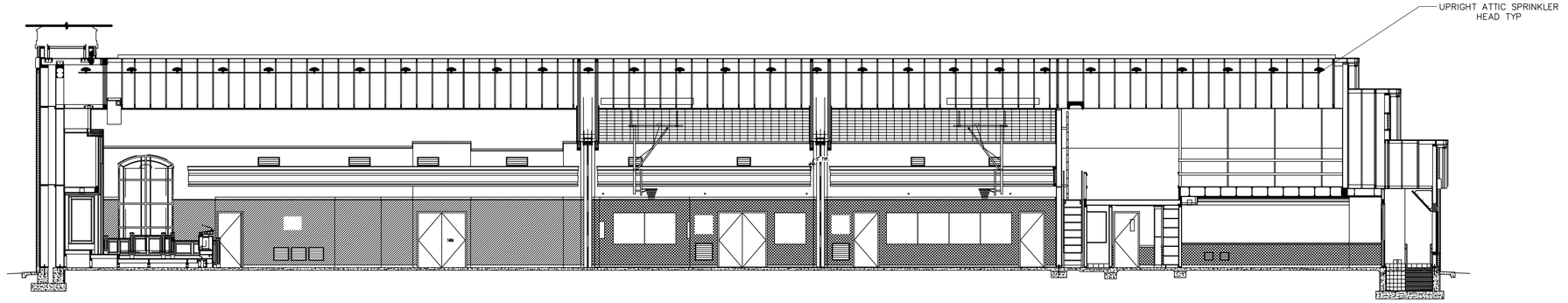
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FS203 ANTI-FREEZE FIRE PROTECTION PLAN

5/1/2025 10:05:20 AM



BUILDING SECTION
NTS

2
FS301



OVERALL BUILDING SECTION
NTS

1
FS301

5/9/2025 4:05 PM
FS301 - FIRE SPRINKLER SECTIONS AND ELEVATIONS

Architect / Engineer:
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STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21957
SAMUEL A. SNODGRASS

Stamp: May 09, 2025

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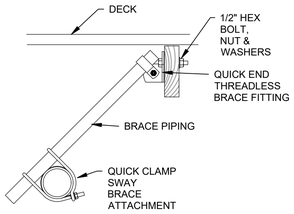
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

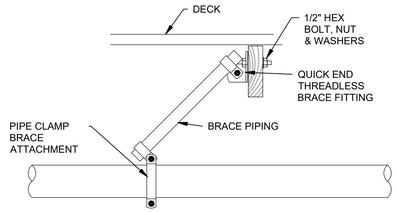
Sheet Title: FIRE SPRINKLER SECTIONS AND ELEVATIONS

Sheet: FS301

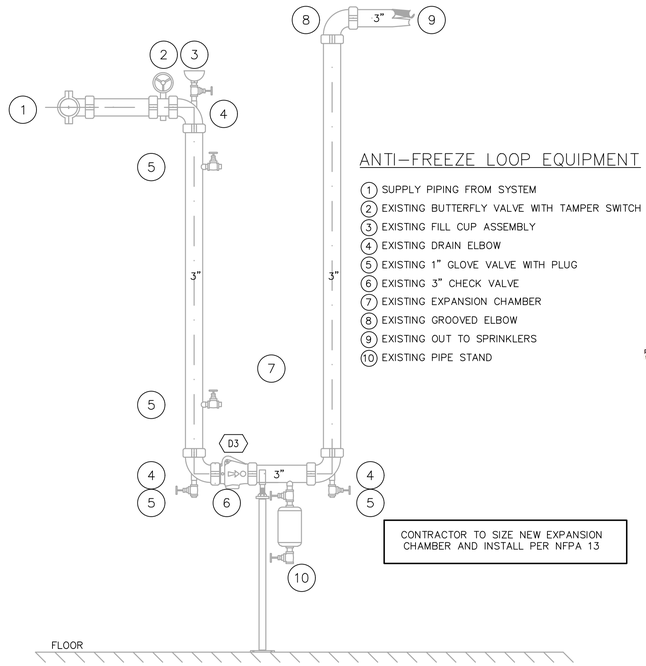
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9 LATERAL SEISMIC BRACE
NO SCALE



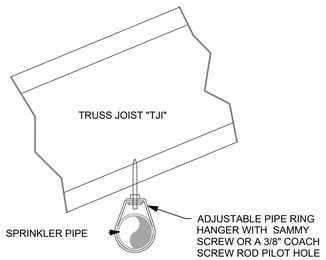
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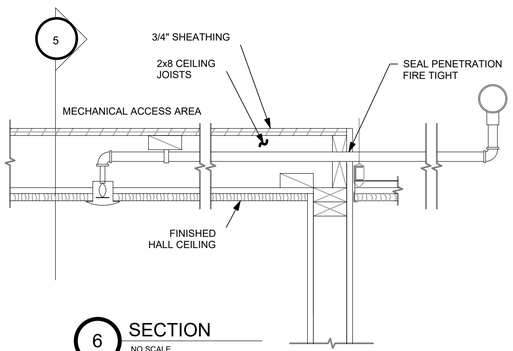
ANTI–FREEZE LOOP EQUIPMENT

1. SUPPLY PIPING FROM SYSTEM
2. EXISTING BUTTERFLY VALVE WITH TAMPER SWITCH
3. EXISTING FILL CUP ASSEMBLY
4. EXISTING DRAIN ELBOW
5. EXISTING 1" GLOVE VALVE WITH PLUG
6. EXISTING 3" CHECK VALVE
7. EXISTING EXPANSION CHAMBER
8. EXISTING GROOVED ELBOW
9. EXISTING OUT TO SPRINKLERS
10. EXISTING PIPE STAND

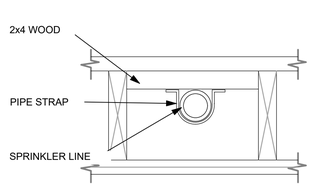
CONTRACTOR TO SIZE NEW EXPANSION CHAMBER AND INSTALL PER NFPA 13



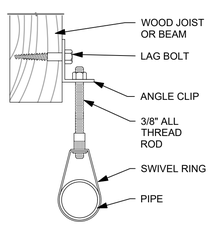
7 HANGER DETAIL
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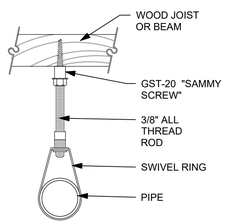
6 SECTION
NO SCALE



5 SECTION
NO SCALE



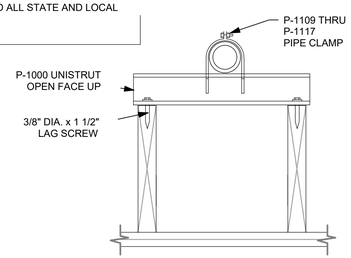
4 HANGER DETAIL
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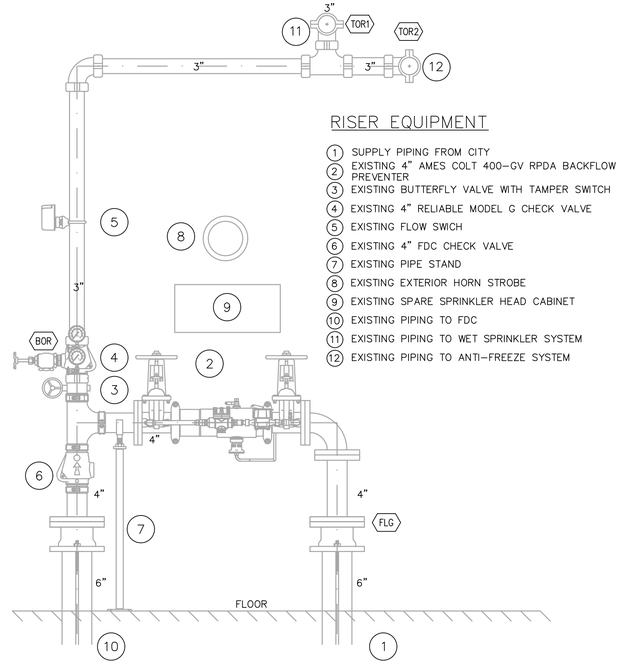
3 HANGER DETAIL
NO SCALE

NOTE:

PROVIDE SEISMIC BRACING ONLY IN SEISMICALLY ACTIVE AREAS. BRACING SHALL CONFORM TO THE REQUIREMENTS OF NFPA 13 AND ALL STATE AND LOCAL CODES.



2 HANGER DETAIL
NO SCALE



RISER EQUIPMENT

1. SUPPLY PIPING FROM CITY
2. EXISTING 4" AMES COLT 400–GV RPDA BACKFLOW PREVENTER
3. EXISTING BUTTERFLY VALVE WITH TAMPER SWITCH
4. EXISTING 4" RELIABLE MODEL G CHECK VALVE
5. EXISTING FLOW SWICH
6. EXISTING 4" FDC CHECK VALVE
7. EXISTING PIPE STAND
8. EXISTING EXTERIOR HORN STROBE
9. EXISTING SPARE SPRINKLER HEAD CABINET
10. EXISTING PIPING TO FDC
11. EXISTING PIPING TO WET SPRINKLER SYSTEM
12. EXISTING PIPING TO ANTI–FREEZE SYSTEM

1 EXISTING SPRINKLER RISER
NTS

ALL FIRE PROTECTION TO REMAIN, NO NEW WORK UNLESS NOTED OTHERWISE. FIRE RISER DETAIL FOR REFERENCE ONLY.

Architect / Engineer:
Samuel A. Snodgrass P.E.
samsnod@aol.com
479-636-0004
JOB NO. 24-078.00
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STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 21957 SAMUEL A. SNODGRASS

Stamp: **May 09, 2025**

"I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MN ADDITION
SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

Mark	Date (D-M-Y)	Description

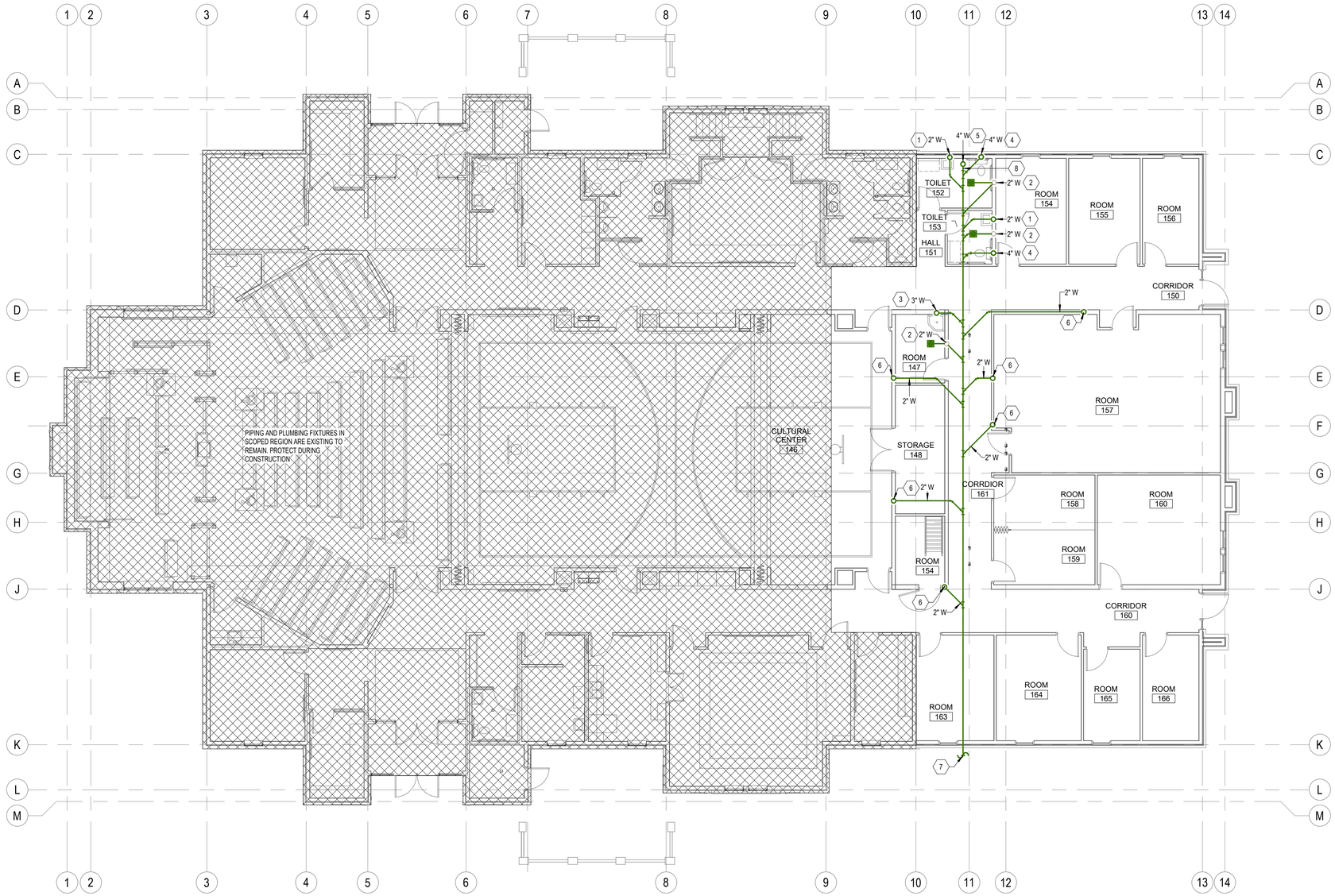
Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: FIRE SPRINKLER DETAILS

Sheet: FS501

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FS501 - FIRE SPRINKLER DETAILS

5/1/2025 10:05:20 AM



1 BELOW GRADE PLUMBING PLAN
SCALE: 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 UNLESS OTHERWISE NOTED OR SHOWN.
5. WATER PIPING AND VENT PIPING SHALL BE RUN IN MECHANICAL EQUIPMENT ACCESS AREA UNLESS OTHERWISE NOTED OR SHOWN.
6. FOR INDIVIDUAL LINE SIZES TO FIXTURES SEE PLUMBING FIXTURE SCHEDULE SHEET P601.
7. DO NOT RUN PLUMBING IN SHEAR WALLS UNLESS NOTED OTHERWISE.
8. MINIMUM WATER PIPING UNDER CONCRETE SLAB SHALL BE 3/4".
9. 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.
10. FOR PIPE SIZES NOT SHOWN ON THIS SHEET, SEE LARGE SCALE PLANS AND PIPING SCHEMATICS SHEET P401 AND P601.
11. REFER TO MECHANICAL SHEETS FOR ANY ADDITIONAL WORK.
12. COORDINATE LOCATION OF EACH DOMESTIC WATER ISOLATION VALVE WITH MECHANICAL AND SHEET METAL INSTALLATION TO PROVIDE REQUIRED ACCESS AND VISIBILITY TO VALVE.

KEYED NOTES

1. 2" WASTE UP TO LAVATORY
2. 2" WASTE UP TO FLOOR DRAIN.
3. 3" WASTE UP TO SERVICE SINK.
4. 4" WASTE UP TO WATER CLOSET.
5. PIPE RISES UP TO CLEANOUT AT GRADE. SEE DETAIL E/P501
6. PIPE RISES TO LEVEL ABOVE. SEE SHEET P101 FOR CONTINUATION.
7. 3'-6" INVERT AT EXIT.
8. ROUTE PIPING AT LEAST 2'-6" BELOW GRADE TO BE BELOW FROST DEPTH.

LEGEND

MEANING	SYMBOL OR ABBREVIATION	MEANING	SYMBOL OR ABBREVIATION	MEANING	SYMBOL OR ABBREVIATION
HOT WATER LINE		CONDENSATE DRAIN	D	WALL CLEANOUT	WCO
HOT WATER CIRCULATION LINE		SECONDARY CONDENSATE DRAIN	SD	CLEANOUT TO GRADE	COTG
COLD WATER LINE		UNION		VENT THRU ROOF	VTR
VENT LINE		BALL VALVE		CIRCULATING PUMP OCCUPANCY SENSOR	
WASTE LINE		GAS LINE	G	CONNECT INTO EXISTING PIPE	

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DESIGNED BY: DGA

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REGISTERED PROFESSIONAL ENGINEER
NO. 11068
ROY R. PAYNE, JR.
May 12, 2025

I hereby certify that these plans and specifications were prepared by me or under my direct supervision. I further certify that I am duly registered professional engineer and that these plans and specifications are in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR MINI
ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: BELOW-GRADE PLUMBING PLAN

Sheet: P100

5/12/2025 3:53:42 PM



1 MAIN FLOOR PLUMBING PLAN

SCALE: 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 UNLESS OTHERWISE NOTED OR SHOWN.
5. WATER PIPING AND VENT PIPING SHALL BE RUN IN MECHANICAL EQUIPMENT ACCESS AREA UNLESS OTHERWISE NOTED OR SHOWN.
6. FOR INDIVIDUAL LINE SIZES TO FIXTURES SEE PLUMBING FIXTURE SCHEDULE SHEET P601.
7. DO NOT RUN PLUMBING IN SHEAR WALLS UNLESS NOTED OTHERWISE.
8. MINIMUM WATER PIPING UNDER CONCRETE SLAB SHALL BE 3/4".
9. 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.
10. FOR PIPE SIZES NOT SHOWN ON THIS SHEET, SEE LARGE SCALE PLANS AND PIPING SCHEMATICS SHEET P401 AND P601.
11. REFER TO MECHANICAL SHEETS FOR ANY ADDITIONAL WORK.
12. COORDINATE LOCATION OF EACH DOMESTIC WATER ISOLATION VALVE WITH MECHANICAL AND SHEET METAL INSTALLATION TO PROVIDE REQUIRED ACCESS AND VISIBILITY TO VALVE.
13. COORDINATE EXACT LOCATION OF HW CIRCULATION PUMP OCCUPANCY SENSORS WITH ARCHITECT. LOCATE ON CEILING AWAY FROM LIGHTS, DIFFUSERS, AND FIRE SPRINKLER HEADS. COORDINATE INSTALLATION OF J-BOX AND CONDUIT WITH DIV. 26.

(#) KEYED NOTES

1. PIPE DROPS BELOW-GRADE. REFER TO SHEET P100 FOR CONTINUATION,
2. PIPE RISES UP TO EQUIPMENT PLATFORM. REFER TO SHEET P102 FOR CONTINUATION,
3. 2" WASTE UP TO CONDENSATE RECEIVER CR. COORDINARE WITH MECHANICAL DUCTWORK AND EQUIPMENT. REFER TO SHEET P102 FOR CONTINUATION.
4. REFER TO DETAIL E/P501

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May 12, 2025

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NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR MEETINGHOUSE
ADDITION SPRINGDALE AR STAKE CENTER

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

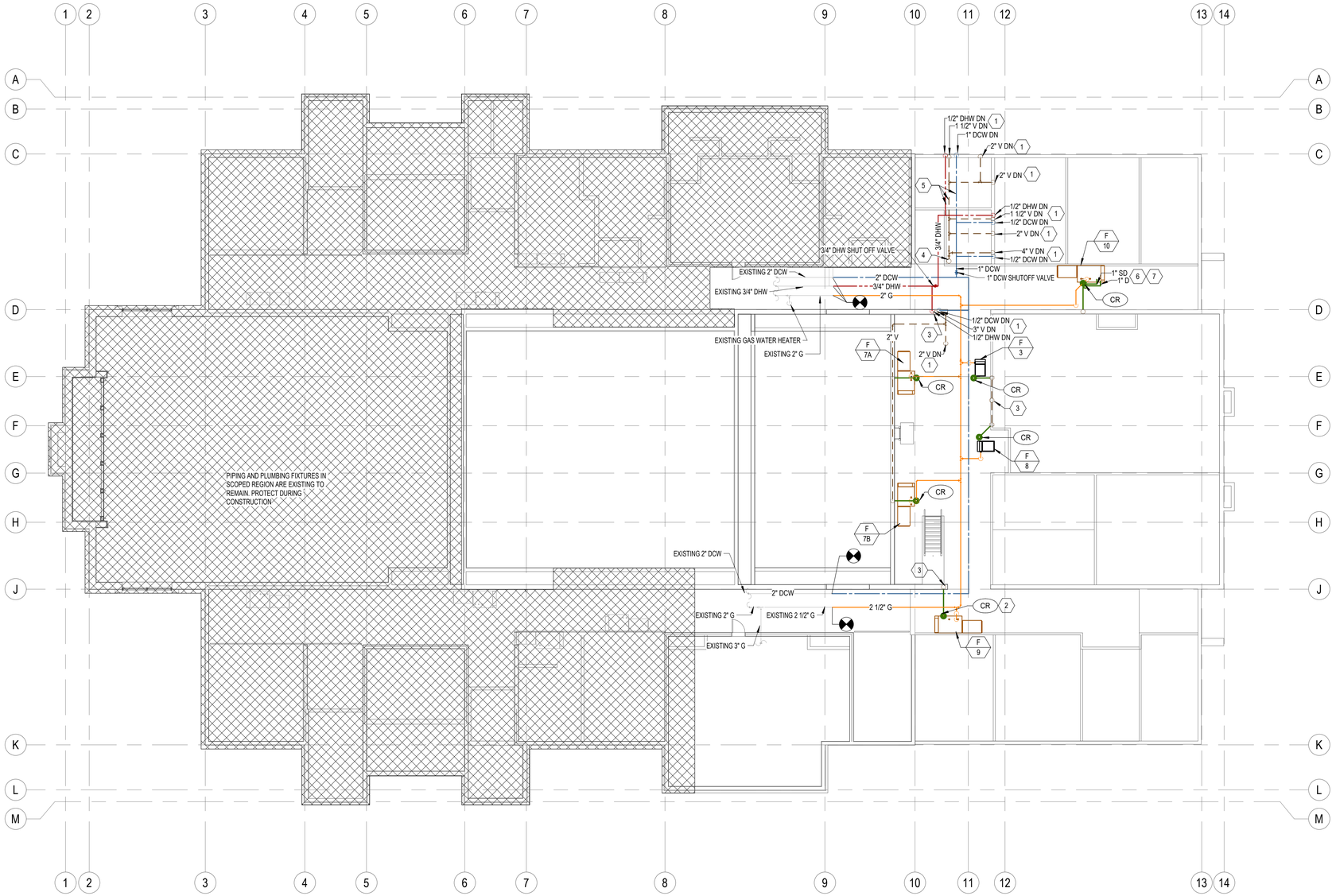
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MAIN FLOOR PLUMBING PLAN

Sheet: P101

5/12/2025 3:33:42 PM



1 EQUIPMENT PLATFORM PLUMBING PLAN

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

GENERAL NOTES

1. LEAVE 6" CLEAR SPACE ON EQUIPMENT DECK BETWEEN FAN UNITS, DUCTWORK, ETC. AND HIGH WALL FOR GAS PIPING, CONDUIT, DRAINS, ETC. RACK ALL PIPING AND CONDUIT ON WALL WITH UNISTRUT.
2. REFER TO MECHANICAL SHEETS FOR LOCATIONS OF MECHANICAL EQUIPMENT AND DUCTWORK. COORDINATE ALL WORK TO FIT AVAILABLE SPACE.
3. DO NOT BLOCK ACCESS WALKWAY WITH PIPING, DUCT, CONDUIT, ETC. WHEN CROSSING WALKWAY RUN HIGH OVERHEAD. NO PIPING, DUCTWORK, CONDUIT, ETC. SHALL BE RUN LOWER THAN DUCTWORK SHOWN IN SECTIONS ON SHEET M301.
4. DUE TO THE CLOSE PROXIMITY OF THE WATER, VENT, DRAIN PIPING, AND DUCTWORK, THE PLUMBING CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING WITH THE MECHANICAL AND SHEET METAL CONTRACTORS.
5. TYPICAL FOR ALL FAN UNITS AND COOLING COILS. DO NOT OBSTRUCT WALKWAY. SHOWN HERE FOR CLARITY ONLY. REFER TO DETAIL D/M503, COMBINE PRIMARY DRAINS OF EACH FAN UNIT AND COOLING COIL TO A 1" PIPE SIZE. SEE DETAIL B/P501 FOR PIPE SUPPORT.

KEYED NOTES

1. REFER TO SHEET P101 FOR CONTINUATION.
2. REFER TO DETAIL H/P501. TYPICAL.
3. 2" VTR
4. 3" VTR
5. PIPING IS SHOWN HORIZONTALLY MOUNTED FOR CLARITY. PIPING SHALL BE STACKED ON THE WALL. TYPICAL.
6. FAN UNIT DRAWN PAN WITH SD (SECONDARY DRAIN) AND D (DRAIN) LINES RUN TO THE NEAREST CR-1, SEE GENERAL NOTE #5. REFER TO DETAIL D/M03. TYPICAL FOR ALL FAN UNITS.
7. SEE DETAIL K/P501 FOR CONNECTION INSTRUCTIONS.

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NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR STAKE
ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

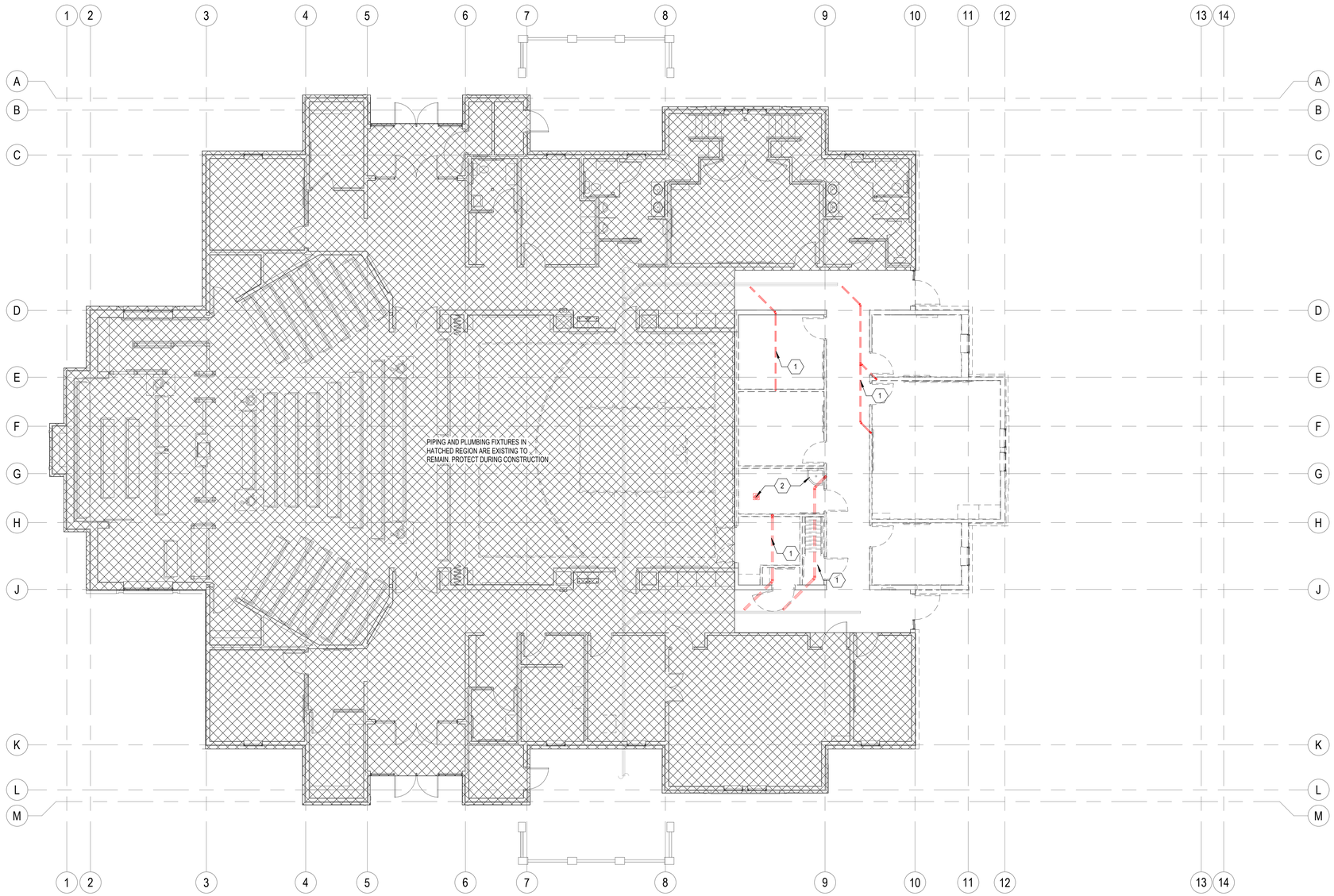
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Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: EQUIPMENT PLATFORM PLUMBING PLAN

Sheet: P102

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1 BELOW GRADE PLUMBING DEMO PLAN
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. CAP PIPE AND ABANDON BELOW GRADE.
2. DEMO PIPES CONNECTED TO DEMO FIXTURES OR EQUIPMENT. TYPICAL

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May 12, 2025

I hereby certify that these plans and specifications were prepared by me or under my direct supervision. I further certify that I am duly registered professional engineer under the laws of the State of Arkansas. These plans and specifications comply with the Arkansas Fire Prevention Code in compliance with the Arkansas Fire Prevention Act for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR MAP
ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

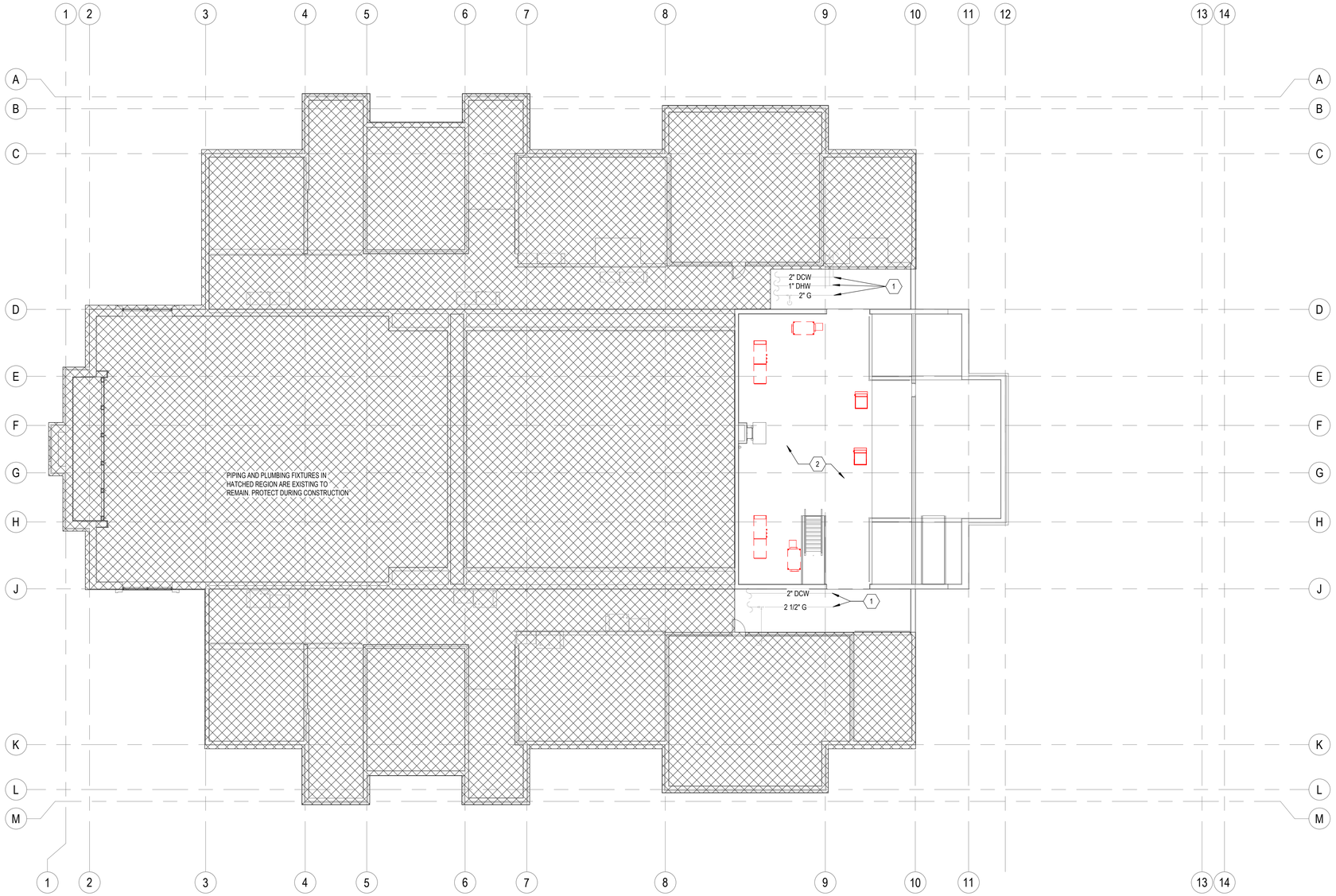
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Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title:
BELOW-GRADE PLUMBING DEMO PLAN

Sheet:
P200

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1 EQUIPMENT PLATFORM PLUMBING DEMO PLAN
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. STUB PIPING. DEMO ALL PIPING BETWEEN STUBS.
2. DEMO ALL PIPING AND PLUMBING FIXTURES IN EXISTING PLATFORM NOT SHOW IN HATCHED REGION.

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Project for:
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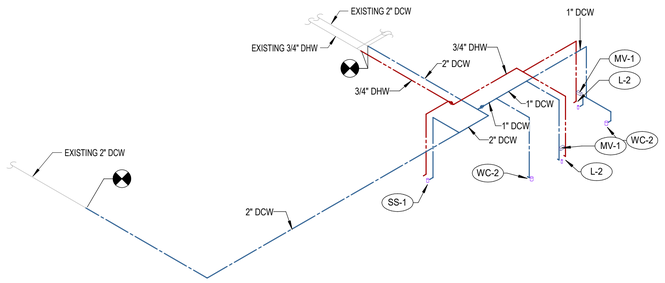
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Project Number:
24-078.00
Plan Series:
G250-SC-11
Property Number:
5004685240201

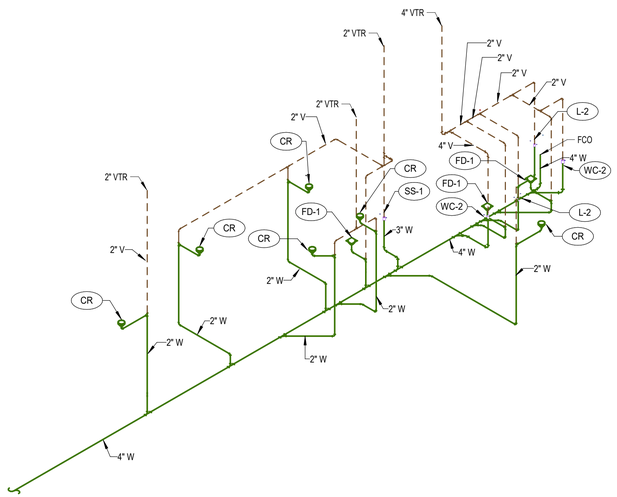
Sheet Title:
EQUIPMENT PLATFORM PLUMBING DEMO PLAN

Sheet:
P202

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1 PLUMBING WATER SUPPLY SCHEMATIC
SCALE:



2 PLUMBING WASTE AND VENT SCHEMATIC
SCALE:

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THE CHURCH OF JESUS CHRIST
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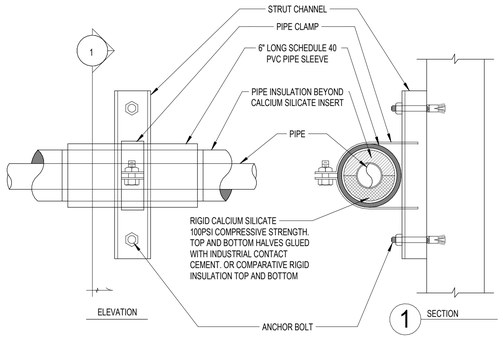
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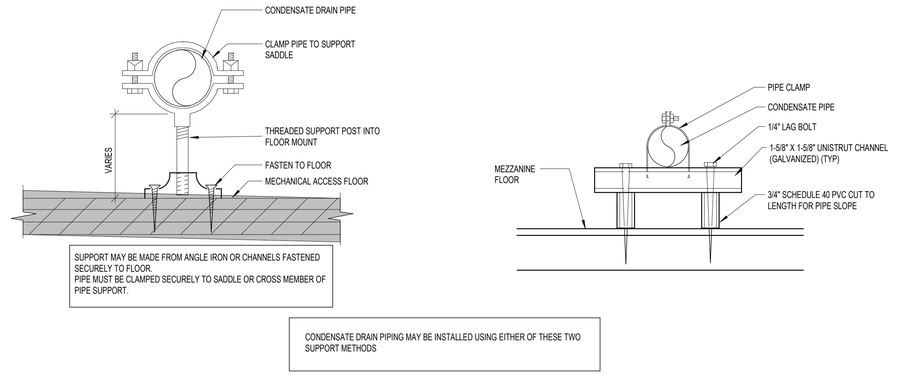
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PIPING SCHEMATICS AND LARGE SCALE PLUMBING PLANS

Sheet:
P401

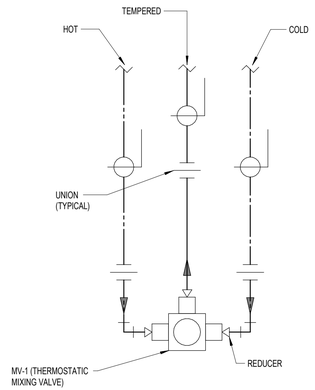
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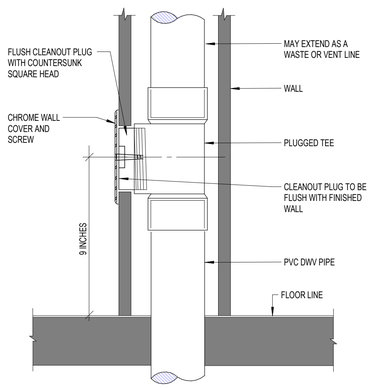
A WALL PIPE SUPPORT DETAIL
SCALE: 12" = 1'-0"



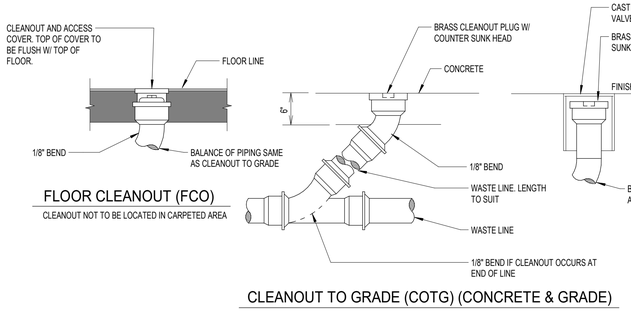
B CONDENSATE DRAIN PIPE SUPPORT DETAIL
SCALE: 12" = 1'-0"



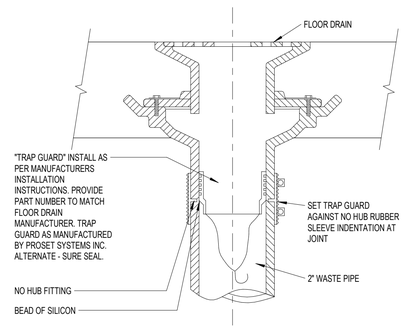
C MIXING VALVE PIPING SCHEME
NOT TO SCALE



D WALL CLEANOUT DETAIL
NOT TO SCALE

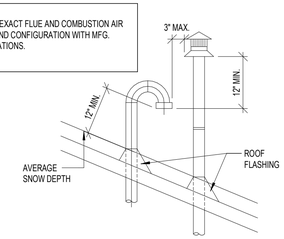


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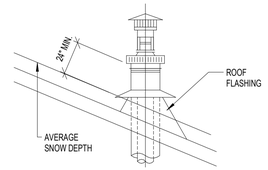


F TRAP GUARD TRAP SEAL DETAIL
SCALE: 12" = 1'-0"

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

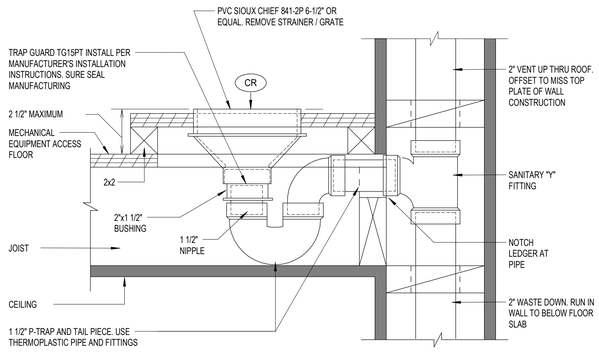


DOUBLE ROOF PENETRATION

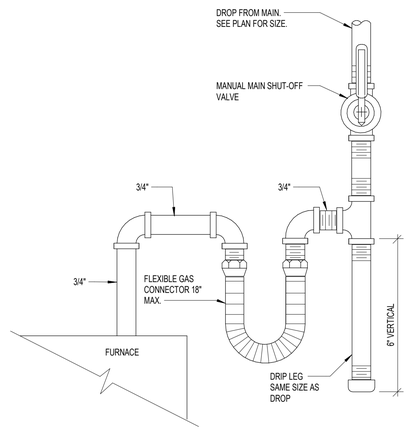


SINGLE ROOF PENETRATION

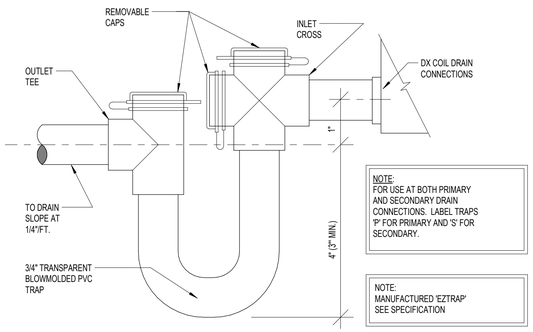
G WATER HEATER VENTING PENETRATION DETAILS
NOT TO SCALE



H CONDENSATE RECEIVER DETAIL
NOT TO SCALE



J GAS LINE CONNECTION DETAIL
NOT TO SCALE



K DX COIL CONDENSATE DRAIN DETAIL
NOT TO SCALE

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Project for:
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Mark	Date (DMMYY)	Description

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Sheet Title: PLUMBING DETAILS

Sheet: P501

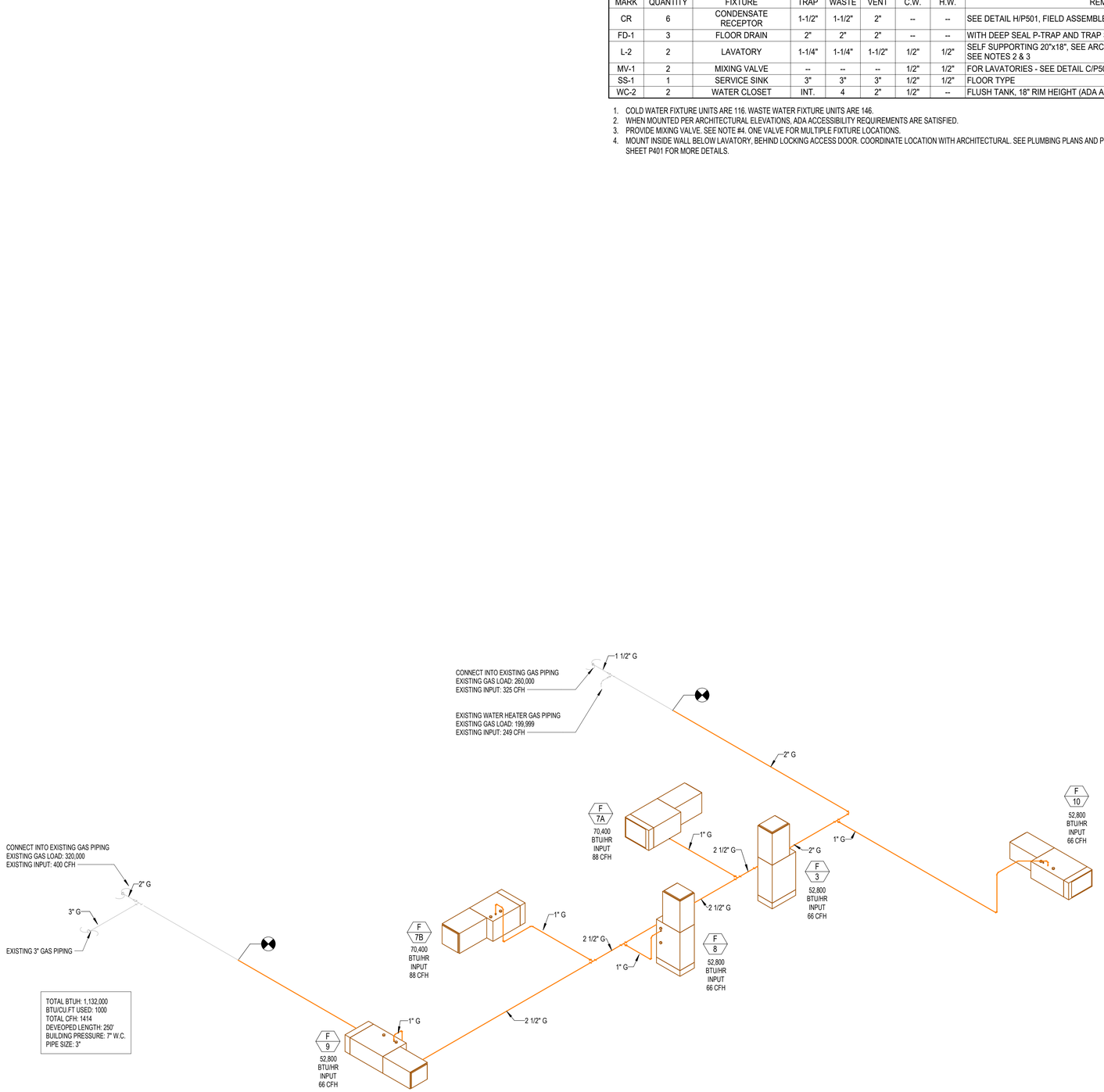
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PLUMBING FIXTURE SCHEDULE

TAG

MARK	QUANTITY	FIXTURE	TRAP	WASTE	VENT	C.W.	H.W.	REMARKS
CR	6	CONDENSATE RECEPTOR	1-1/2"	1-1/2"	2"	--	--	SEE DETAIL H/P501, FIELD ASSEMBLED
FD-1	3	FLOOR DRAIN	2"	2"	2"	--	--	WITH DEEP SEAL P-TRAP AND TRAP SEAL. SEE DETAIL C/P502
L-2	2	LAVATORY	1-1/4"	1-1/4"	1-1/2"	1/2"	1/2"	SELF SUPPORTING 20"x18", SEE ARCHITECTURAL ELEVATIONS, SEE NOTES 2 & 3
MV-1	2	MIXING VALVE	--	--	--	1/2"	1/2"	FOR LAVATORIES - SEE DETAIL C/P501 - MEETS ASSE 1070. SEE NOTE 4.
SS-1	1	SERVICE SINK	3"	3"	3"	1/2"	1/2"	FLOOR TYPE
WC-2	2	WATER CLOSET	INT.	4	2"	1/2"	--	FLUSH TANK, 18" RIM HEIGHT (ADA APPROVED), HET

1. COLD WATER FIXTURE UNITS ARE 116. WASTE WATER FIXTURE UNITS ARE 146.
2. WHEN MOUNTED PER ARCHITECTURAL ELEVATIONS, ADA ACCESSIBILITY REQUIREMENTS ARE SATISFIED.
3. PROVIDE MIXING VALVE. SEE NOTE #4. ONE VALVE FOR MULTIPLE FIXTURE LOCATIONS.
4. MOUNT INSIDE WALL BELOW LAVATORY, BEHIND LOCKING ACCESS DOOR. COORDINATE LOCATION WITH ARCHITECTURAL. SEE PLUMBING PLANS AND PLUMBING WATER SUPPLY SCHEMATICS ON SHEET P401 FOR MORE DETAILS.



1 GAS PIPING SCHEMATIC
SCALE:

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May 12, 2025

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NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR
ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

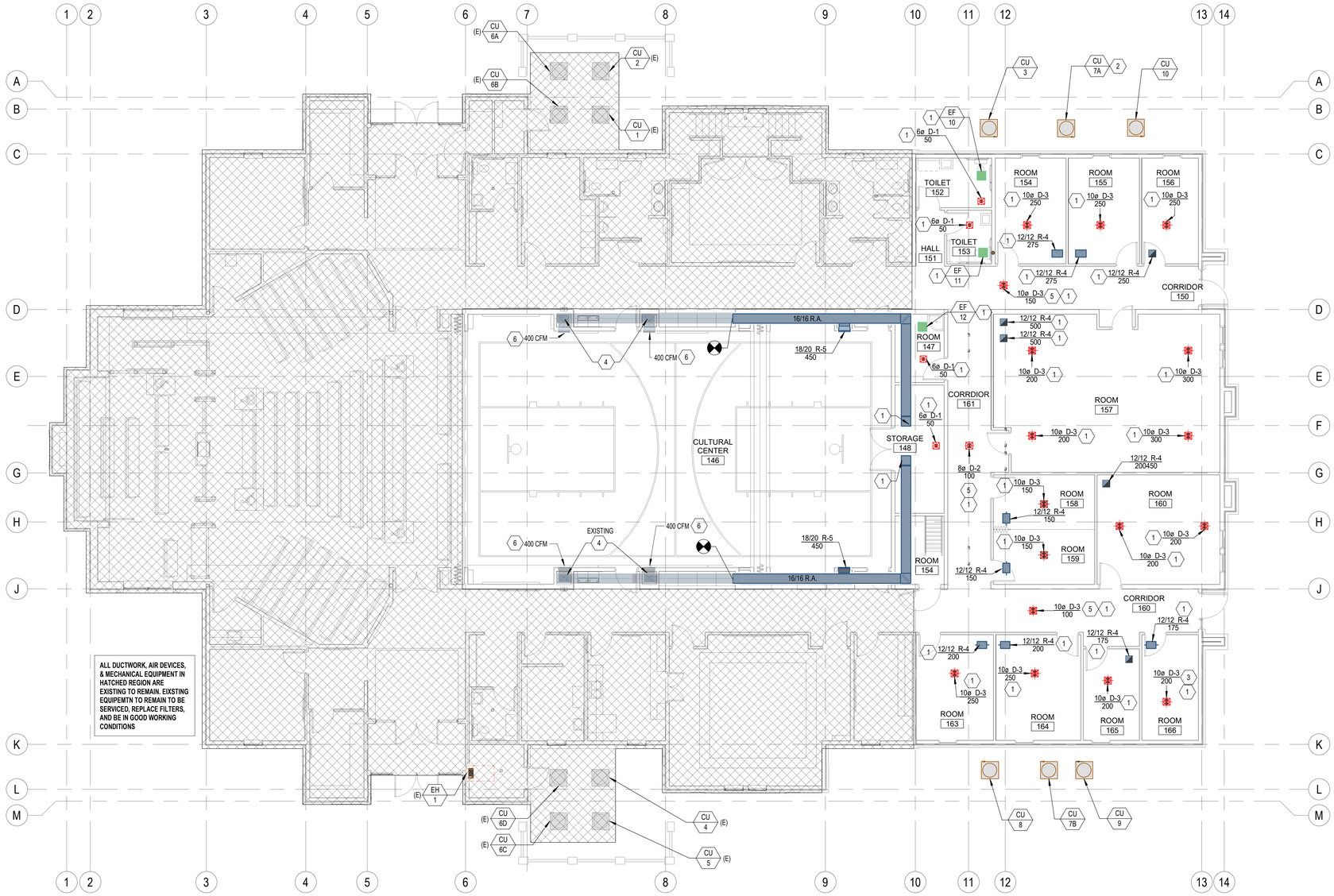
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title:
PLUMBING SCHEDULES AND GAS PIPING SCHEMATIC

Sheet:
P601

5/12/2025 3:53:46 PM



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

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 OF PERIMETER ROOMS.
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. MOUNT ALL DUCT SMOKE DETECTORS IN RETURN AIR STREAM ONLY. DO NOT MOUNT DOWNSTREAM OF MINIMUM OUTSIDE AIR CONNECTION.
8. DO NOT ROUTE PIPES ABOVE ELECTRICAL PANELS. MAINTAIN CLEAR ACCESS SPACE IN FRONT OF ALL ELECTRICAL PANELS 4'-0" DEEP AND 6'-6" HIGH.
9. SEE SHEET M102 FOR CONTINUATION OF ALL DUCT RISERS.
10. COORDINATE WITH NATURAL GAS PIPING MAIN. SEE SHEET P102.

(#) KEYED NOTES

1. REFER TO SHEET M102 FOR CONTINUATION.
2. COMPRESSOR UNIT. PROVIDE MINIMUM 2'-0" CLEAR ALL AROUND. PROVIDE 30" MINIMUM CLEARANCE AR SERVICE SIDE. REFER TO SHEET M501 FOR REFRIGERANT PIPING SCHEME AND DETAILS. TYPICAL FOR ALL UNITS.
3. ALL CEILING DIFFUSERS ARE 4-WAY BLOW UNLESS SHOWN OTHERWISE. TYPICAL.
4. DUCT DROP IN CHASE
5. INSTALL RIGID DUCT THROUGH FLOOR TO DIFFUSER. SEAL AT FLOOR PENETRATION.
6. AIR TERMINAL / GRILLE EXISTING TO REMAIN. REBALANCE DEVICE TO NOTED CFM.

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	BRANCH DUCT TAKE-OFF SEE DETAIL A/M502		BDD - (BACK DRAFT DAMPER)	S/A	SUPPLY AIR
				R/A	RETURN AIR/RELIEF AIR TO ERV's
	SINGLE THICKNESS TURNING VANES		MANUAL VOLUME DAMPER	O/A	OUTSIDE AIR
				T/A	TRANSFER AIR
	DUCT TRANSITION		FLEX. CONNECTION 6'-0" MAX LENGTH - SEE DETAIL F/M502	F/A	FRESH AIR (ERV LABEL)
				E/A	EXHAUST AIR
	MOTORIZED DAMPER	SD-1	DUCT SMOKE DETECTOR. INSTALL 12x12 ACCESS DOOR AT ALL LOCATIONS	AF	ABOVE FLOOR
				SL UP	SLOPE UP OR DN
(E)	EXISTING		CONNECT INTO EXISTING	L/A	LEAVING AIR (ERV)

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PRAIRIE GROVE, AR 72753

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

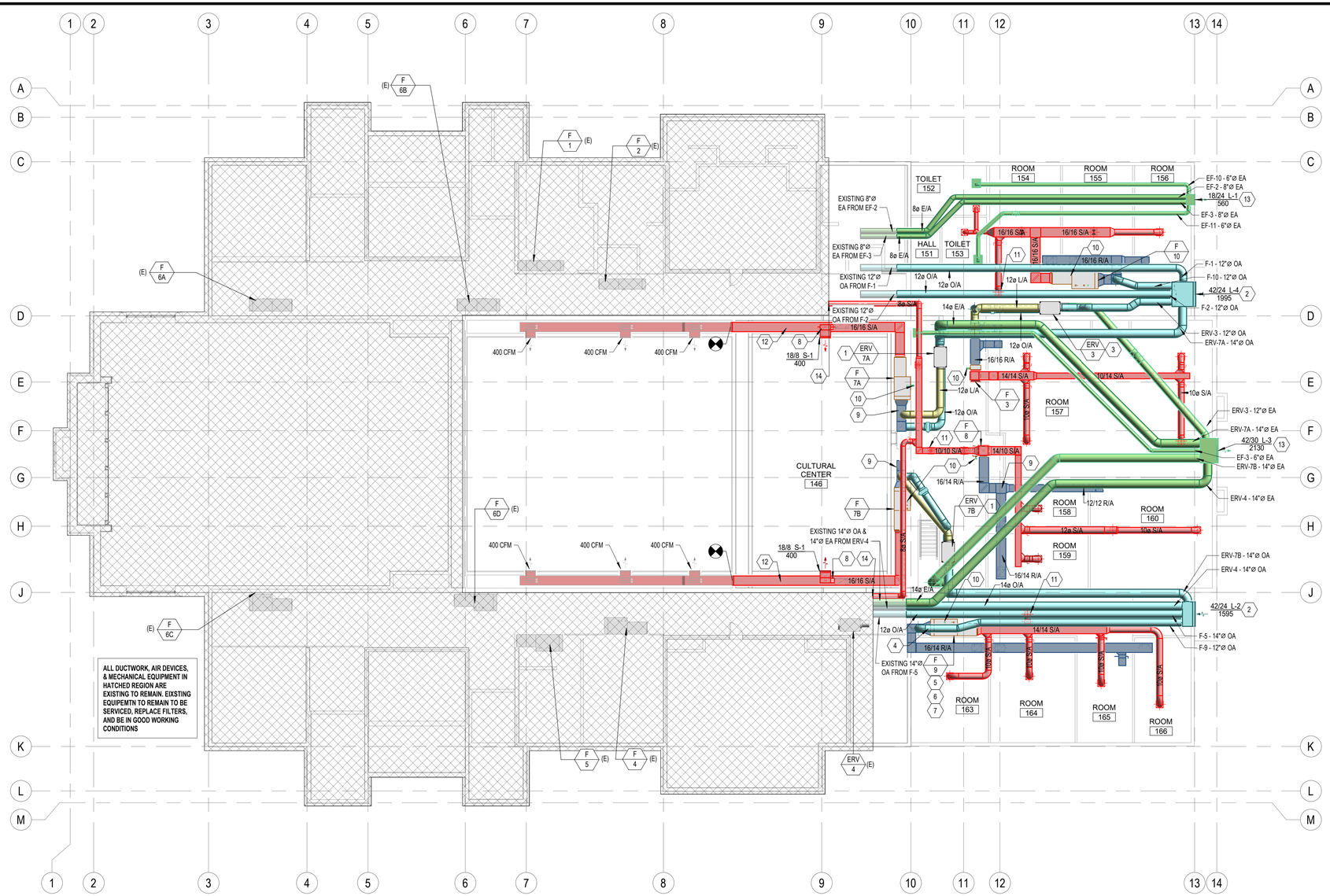
Mark	Date (D-MM-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MAIN FLOOR MECHANICAL PLAN

Sheet: M101

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1 MECHANICAL PLATFORM PLAN

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

KEYED NOTES

1. RELOCATED ERV CONNECTED TO NEW FURNACE. G.C. TO ADJUST ERV TO ACCOMODATE NEW OA RATE.
2. 24" DEEP OUTSIDE AIR INTAKE PLENUM. INSTALL ICE AND WATER SHIELD AT INTERIOR OF PLENUM. SLOPE BOTTOM TOWARDS EXTERIOR WALL. WRAP WITH SPECIFIED INSULATION.
3. REFER TO DETAIL H/M502 FOR ERV UNIT DAMPER REQUIREMENTS AND SUSPENDED MOUNITNG. TYPICAL FOR ALL ERV'S.
4. REFER TO DETAIL F/M503 FOR OUTSIDE AIR CONTROLS. TYPICAL
5. REFER TO DETAILS A, B, AND D SHEET M503. TYPICAL.
6. REFER TO DETAILS G/M502 FOR EXTERNAL FILTER SLECTION. TYPICAL OF ALL HORIZONTAL FAN SYSTEMS.
7. MIXED AIR PLENUM AT INLET TO FAN UNIT. FULL SIZE. DUCT SIZE TO MATCH RA CONNECTION SIZE. TYPICAL OF ALL SYSTEMS.
8. DUCT RISE UP INTO TRUSS SPACE.
9. RA DUCT BELOW.
10. CONCENTRIC VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAIL C AND D/M503. DO NOT BLOCK ACCESS WITH PIPING. TYPICAL FOR ALL FAN SYSTEMS. LOCATE VENTS ALIGNED ALONG BUILDING AXIS AND AWAY FROM ROOF PEAKS AND VALLEYS.
11. INSTALL RIGID DUCT THROUGH FLOOR TO DIFFUSER SEAL AT FLOOR PENETRATION .
12. RUN DUCTWORK IN TRUSS SPACE AND BETWEEN TRUSS WEBS. TYPICAL OF UPPER SUPPLY DUCTWORK FOR CHAPEL AND CULTURAL CENTER.
13. EXHUAST AIR PLENUM.
14. CONNECT INTO EXISTING HALLWAY DUCTWORK. REBLANCE HALLWAY AIR DEVICE TO 500CFM.

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ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF JESUS CHRIST
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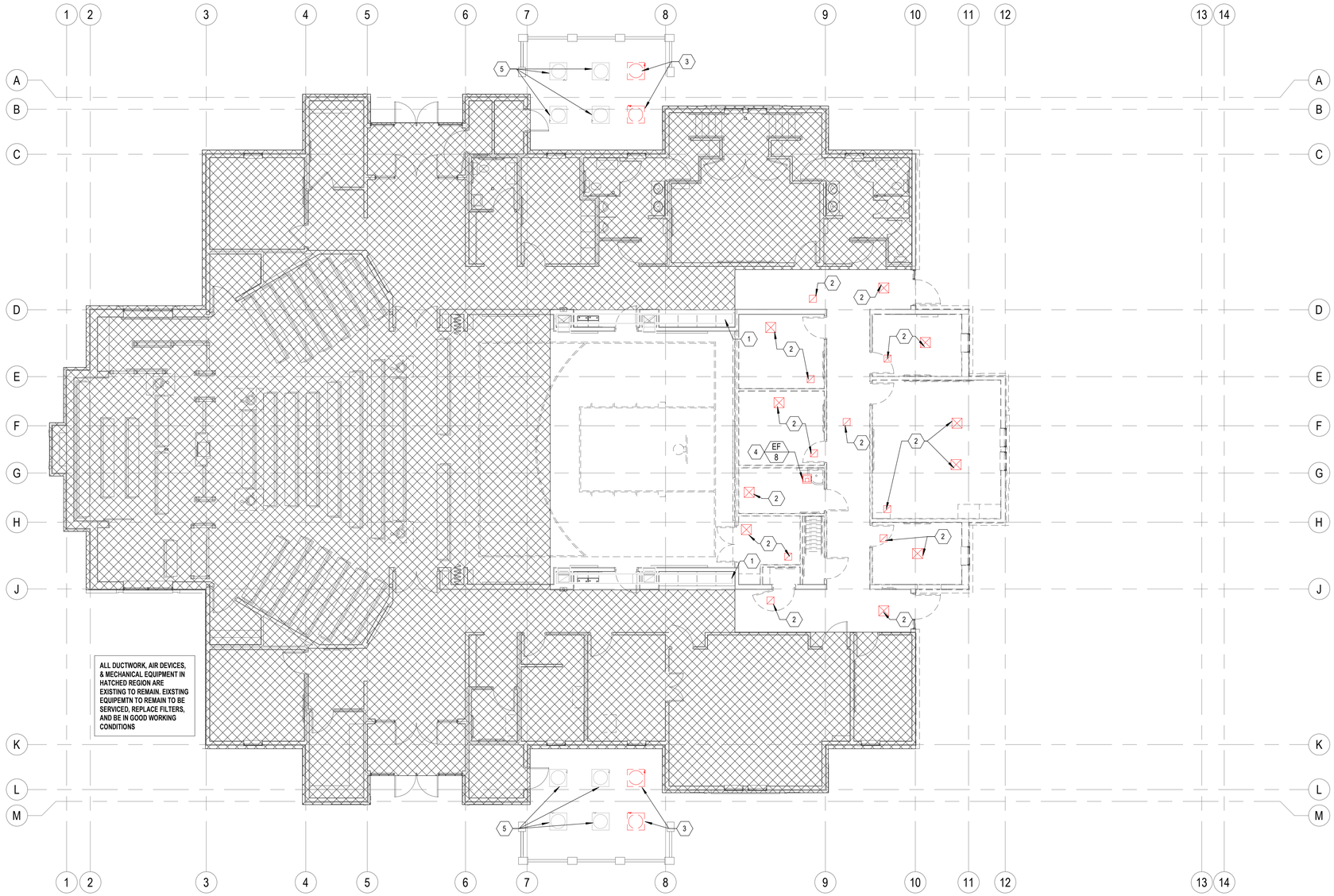
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: EQUIPMENT PLATFORM MECHANICAL PLAN

Sheet: M102

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1 MAIN FLOOR DEMO MECHANICAL PLAN

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

KEYED NOTES

#	
1.	DUCTWORK EXISTING TO REMAIN. CUT DUCT AT LOCATION SHOWN ON PLANS. PROTECT REMAINING DUCT DURING CONSTRUCTION.
2.	DEMO AIR DEVICE AND CONNECTED DUCTWORK.
3.	DEMO MECHANICAL EQUIPMENT AND REFRIGERENT LINES.
4.	DEMO EXHAUST FAN.
5.	MECHANICAL EQUIPMENT EXISTING TO REMAIN. PROTECT DURING REMODEL.

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PRAIRIE GROVE, AR 72753

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

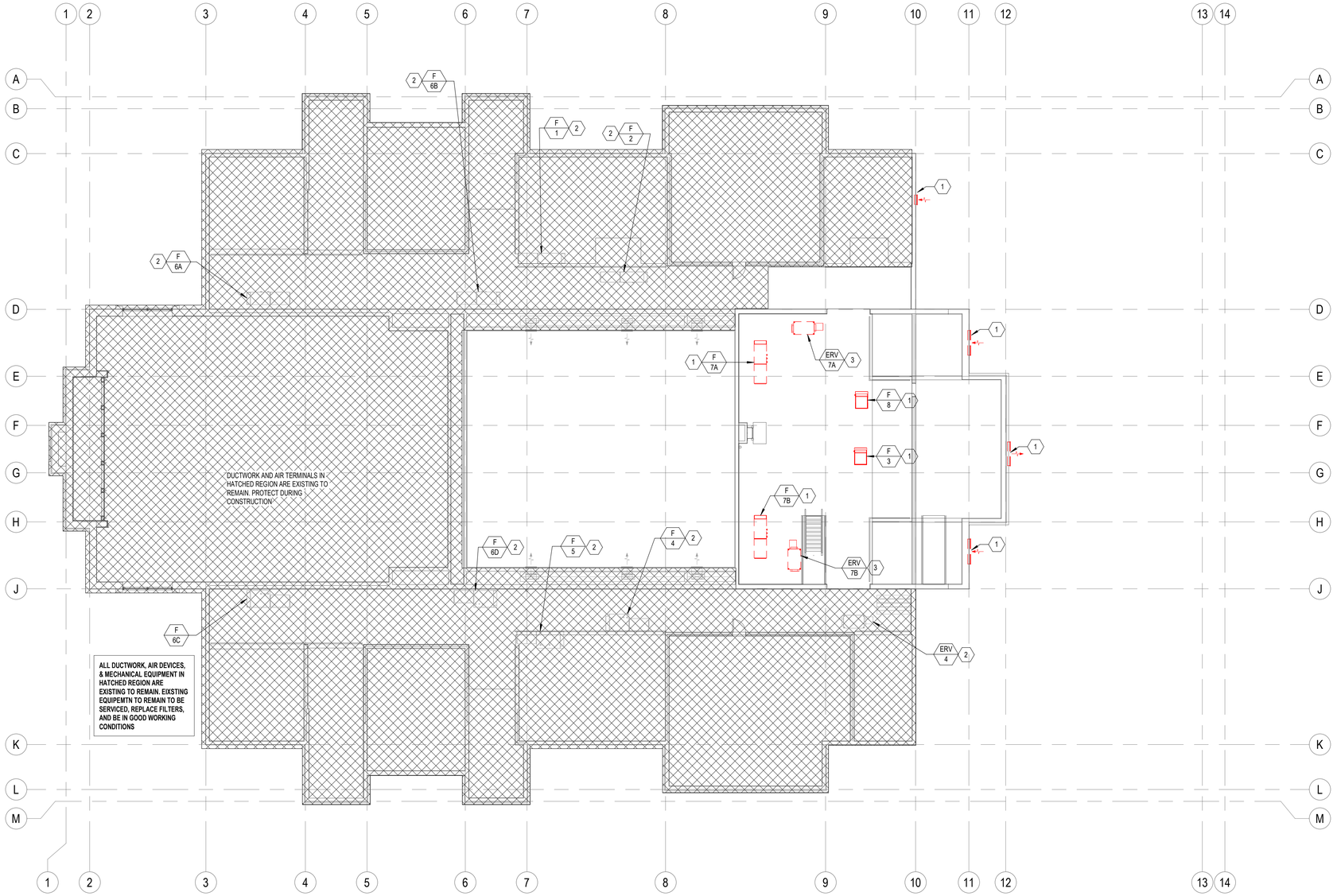
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MAIN FLOOR DEMO MECHANICAL PLAN

Sheet: M201

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1 MECHANICAL PLATFORM DEMO PLAN
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. DEMO MECHANICAL EQUIPMENT, CONTROLS, REFRIGERANT PIPING AND CONNECTED DUCT.
2. MECHANICAL EQUPMENT EXISTING TO REMAIN. PROTECT DURING REMODEL.
3. ERV TO BE SALVAGED AND USED IN NEW CONSTRUCTION. REMOVE ERV AND PROTECT DURING REMODEL. DEMO CONNECTED DUCTWORK. G.C. TO ADJUST ERV TO ACCOMODATE NEW OA RATE.

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801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

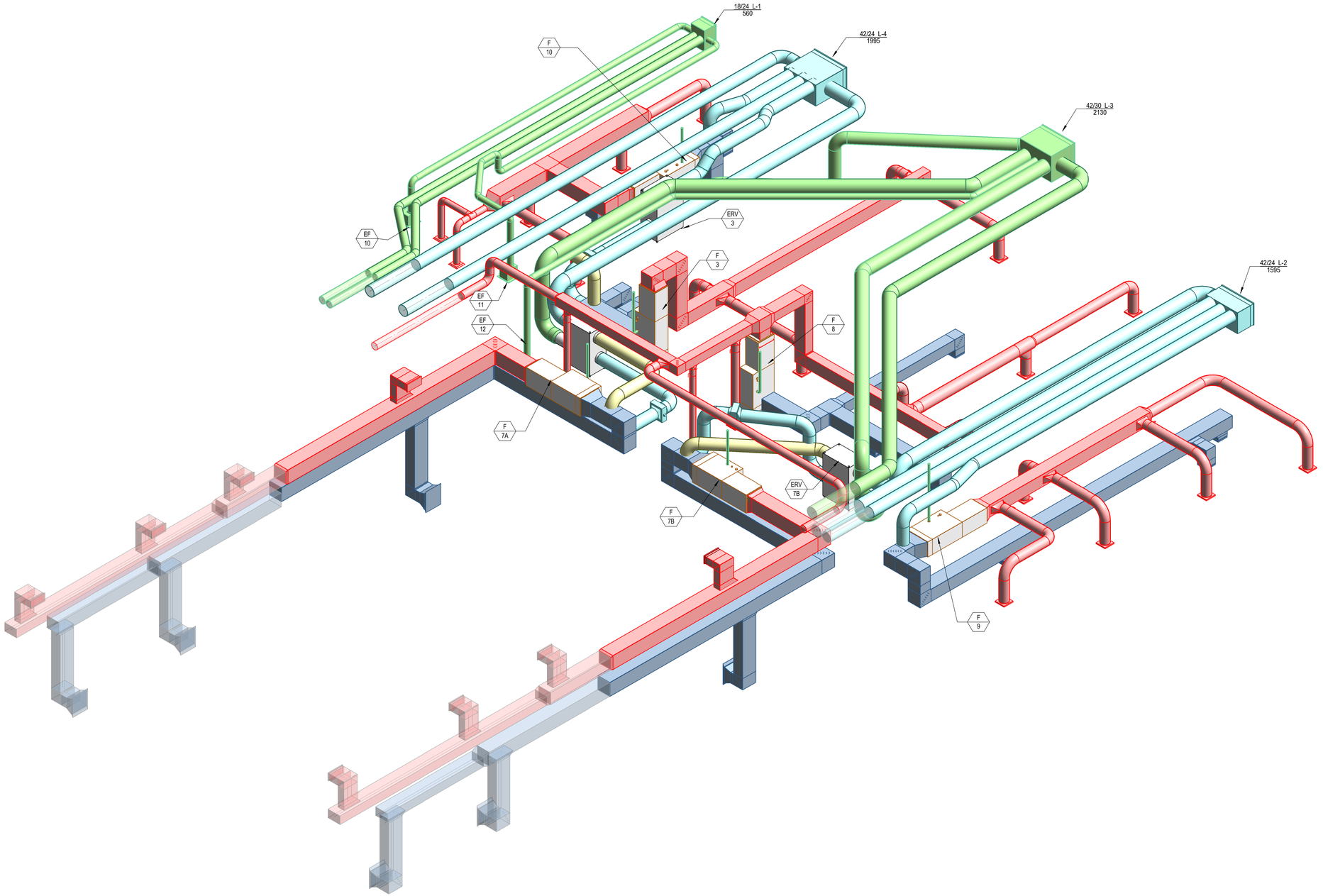
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Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title:
EQUIPMENT PLATFORM DEMO MECHANICAL PLAN

Sheet:
M202

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1 MECHANICAL AXONOMETRIC VIEW
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ADDITION SPRINGDALE AR STAKE CENTER

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PRAIRIE GROVE, AR 72753

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

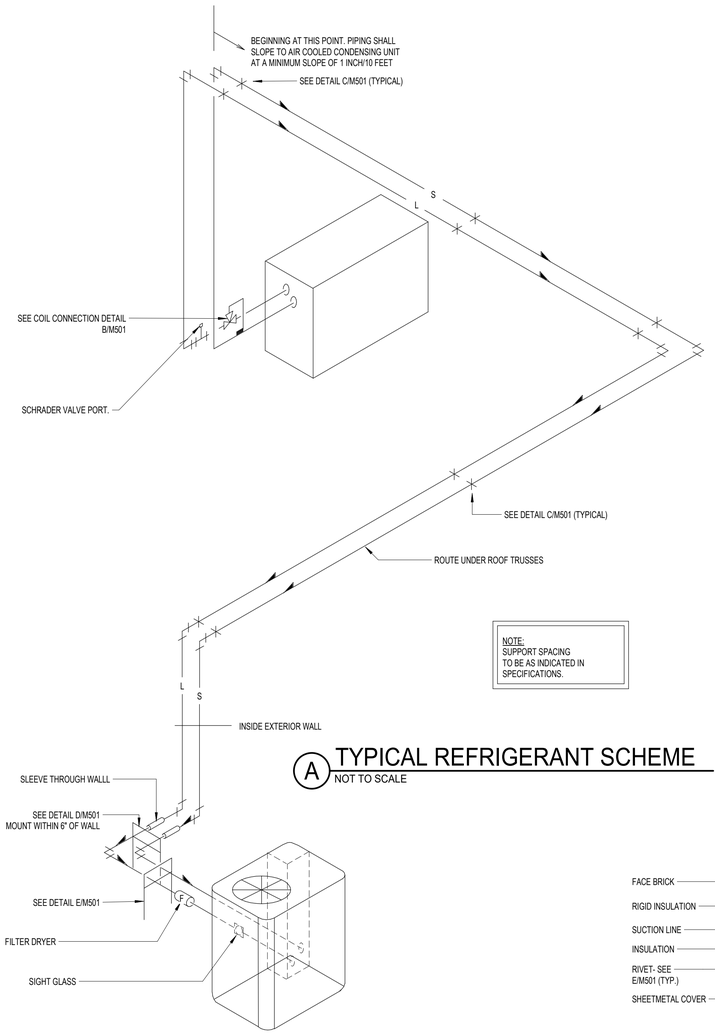
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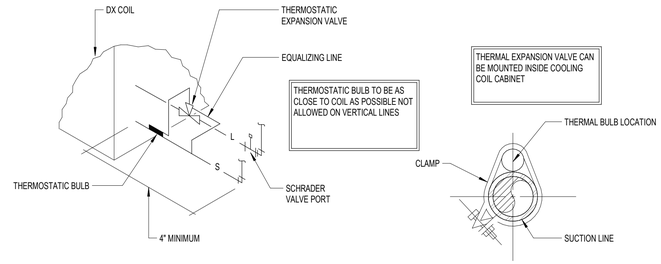
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MECHANICAL AXONOMETRIC PLAN

Sheet:
M301

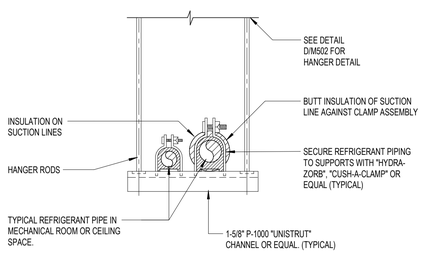
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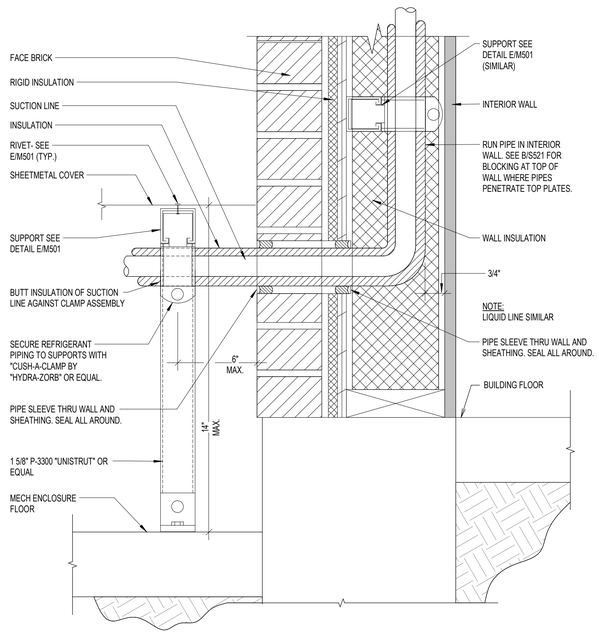
A TYPICAL REFRIGERANT SCHEME
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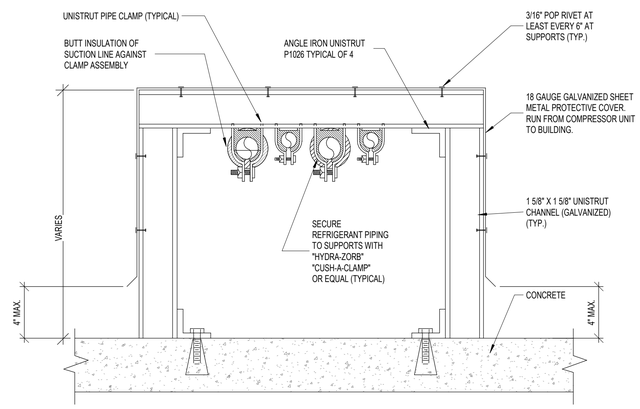
B REFRIGERANT COIL CONNECTION DETAIL
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C SUSPENDED REFRIGERANT PIPE SUPPORT AT CEILING
NOT TO SCALE



D REFRIGERANT PIPE SUPPORT AT WALL DETAIL
NOT TO SCALE



E EXTERIOR REFRIGERANT PIPE SUPPORT DETAIL
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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.

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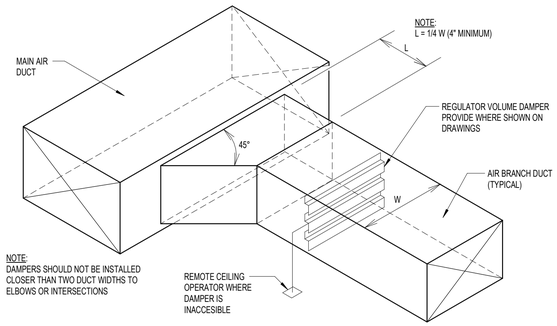
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Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MECHANICAL DETAILS

Sheet: M501

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A SUPPLY OR RETURN AIR DUCT BRANCH CONNECTION DETAIL

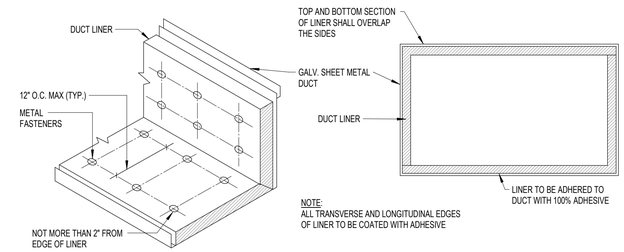
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DIMENSION OF LONGEST SIDE (INCHES)	SHEET METAL GAGE (ALL FOUR SIDES)	TRANSVERSE REINFORCING (1)					
		MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS AND/OR INTERMEDIATE REINFORCING	AT JOINTS				
			MIN. H.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

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

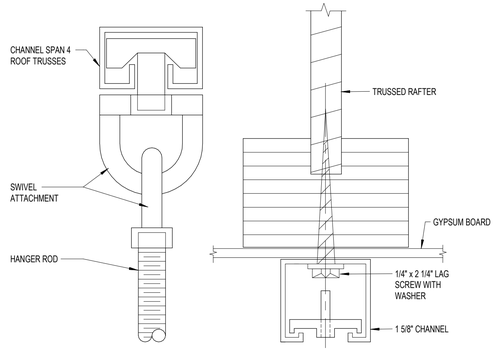
B DUCT CONSTRUCTION DETAIL

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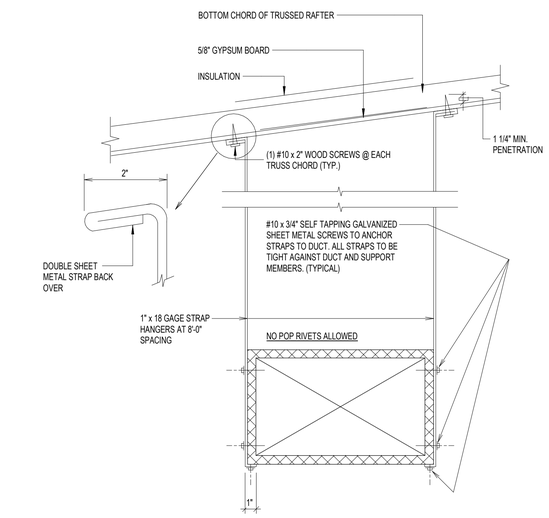
C DUCT LINER DETAIL

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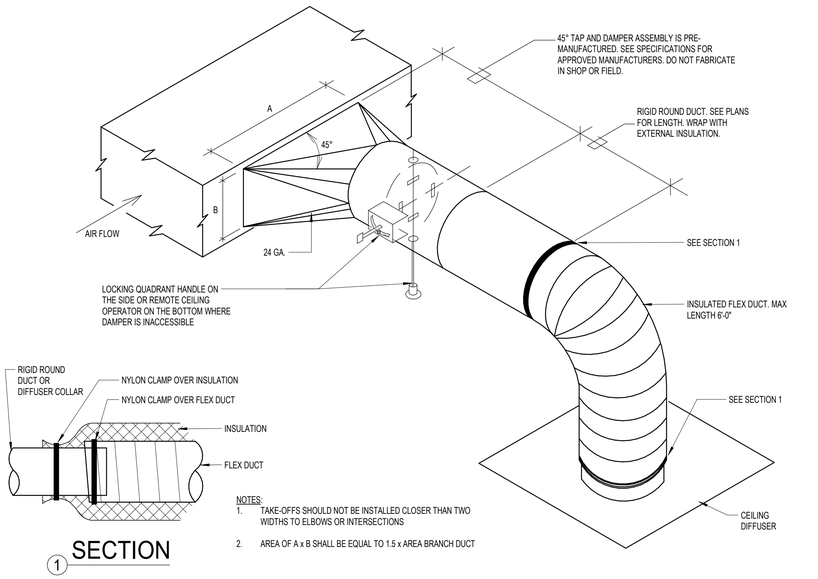
D UPPER ATTACHMENT DETAIL

NOT TO SCALE



E DUCT STRAP HANGER DETAIL

NOT TO SCALE

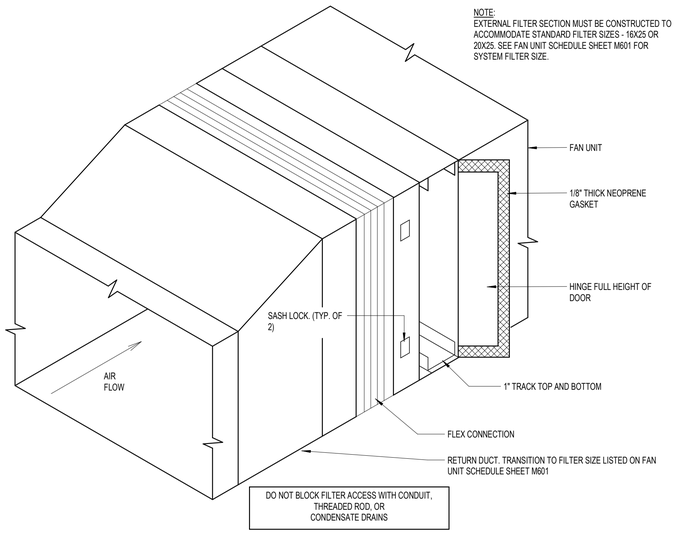


1 SECTION

NOTES:
1. TAKE-OFFS SHOULD NOT BE INSTALLED CLOSER THAN TWO WIDTHS TO ELBOWS OR INTERSECTIONS
2. AREA OF A x B SHALL BE EQUAL TO 1.5 x AREA BRANCH DUCT

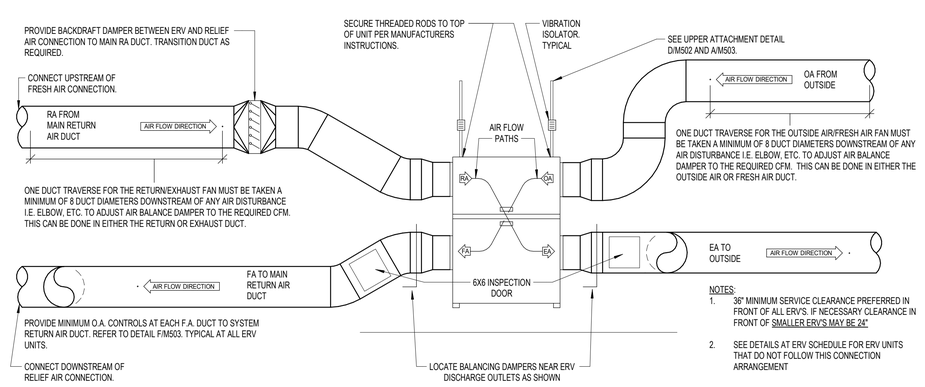
F SQUARE TO ROUND TAKE-OFF DETAIL

NOT TO SCALE



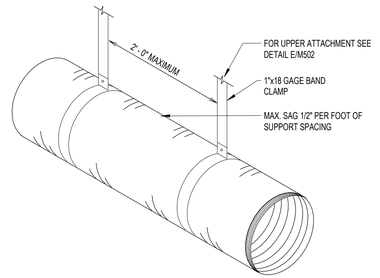
G EXTERNAL FILTER SECTION DETAIL

NOT TO SCALE



H TYPICAL ERV DAMPERING DETAIL

NOT TO SCALE



J FLEXIBLE DUCT SUPPORT DETAIL

NOT TO SCALE

Architect / Engineer:
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JOB NUMBER: 2022
ROGERS, AR 72756 DESIGNED BY: DGA

Stamp:

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11068
ROY R. PAYNE, JR.
May 12, 2025

I hereby certify that these plans and specifications have been prepared by me or under my supervision. I further certify that to the best of my knowledge these plans and specifications are in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR MEETINGHOUSE
ADDITION SPRINGDALE AR STAKE CENTER

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

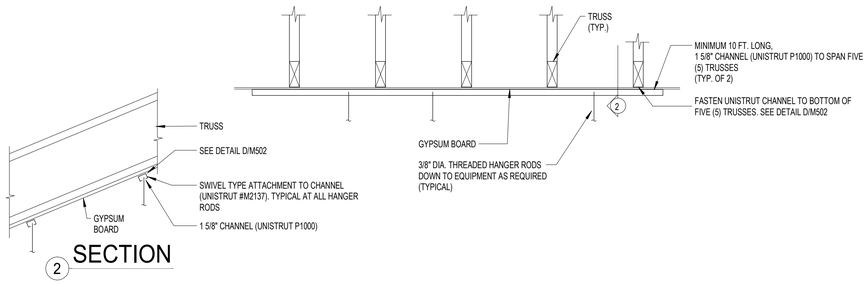
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MECHANICAL DETAILS

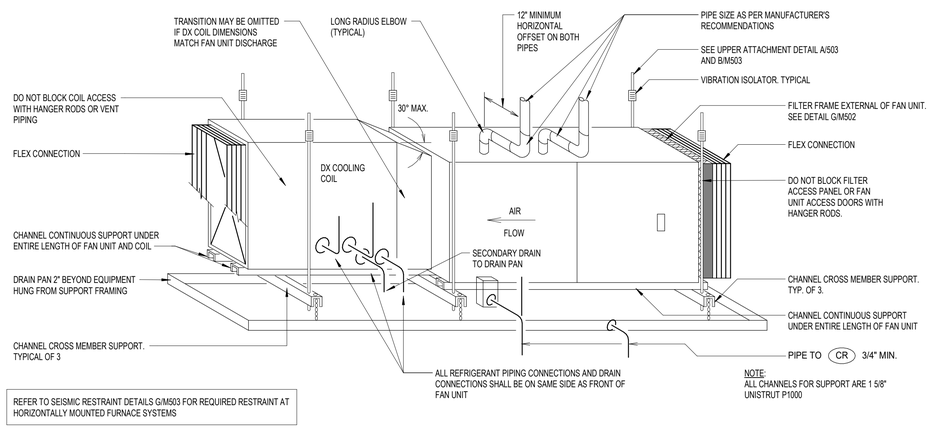
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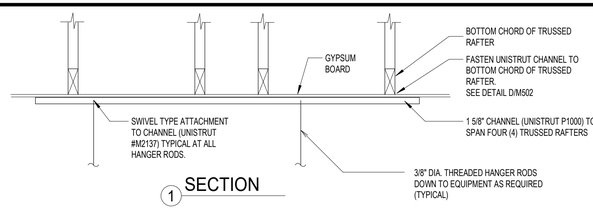
A UPPER SUPPORT DETAIL FOR TRUSSED RAFTERS PERPENDICULAR WITH FAN SYSTEM

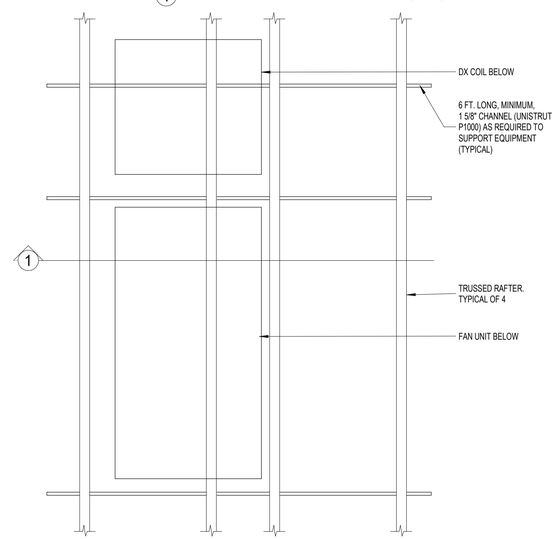
NOT TO SCALE



B FAN UNIT SUPPORT DETAIL

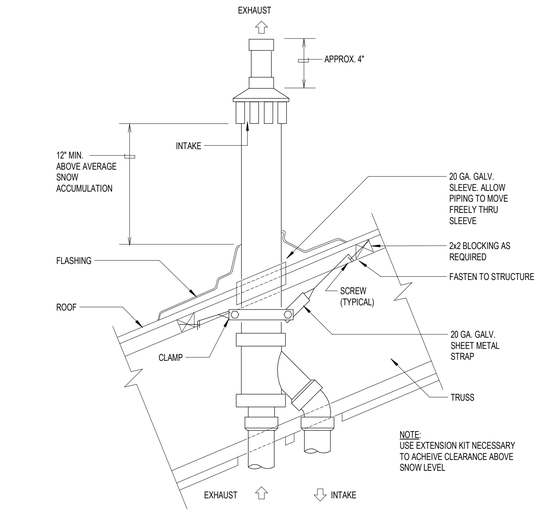
NOT TO SCALE





D UPPER SUPPORT DETAIL FOR TRUSSED RAFTERS PARALLEL WITH FAN SYSTEM

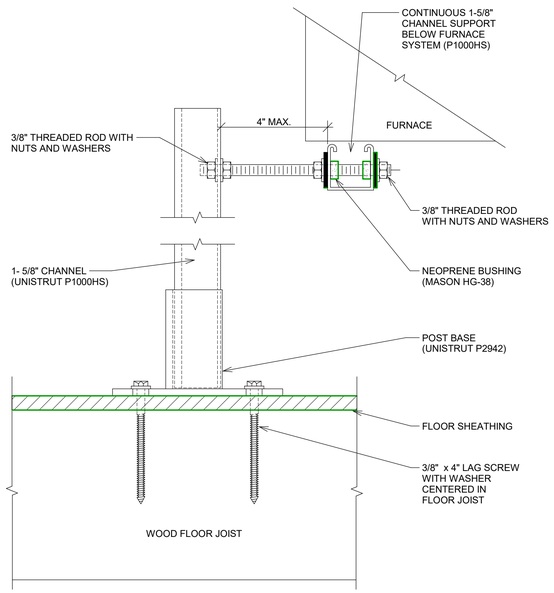
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C CONCENTRIC ROOF TERMINATION DETAIL

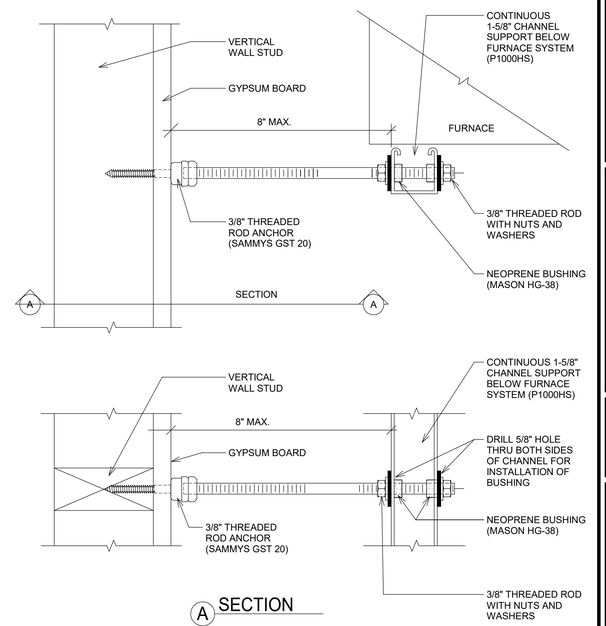
NOT TO SCALE

NOTE:
PROVIDE TWO LOCATIONS PER FURNACE SYSTEM, BOTH WITHIN 9" OF EACH END



OPTION 1

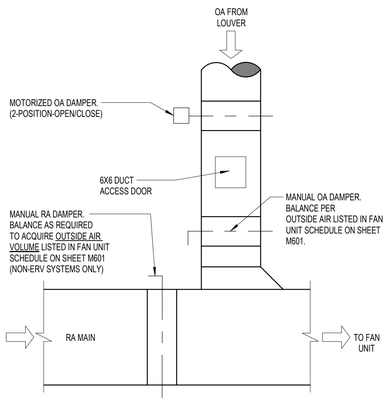
NOTE:
PROVIDE TWO LOCATIONS PER FURNACE SYSTEM, BOTH WITHIN 9" OF EACH END



OPTION 2

G HORIZONTAL FURNACE SEISMIC RESTRAINT DETAIL

NOT TO SCALE



F TYPICAL OUTSIDE AIR DUCT DETAIL

NOT TO SCALE

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DESIGNED BY: DGA

Stamp:

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11068
ROY R. PAYNE, JR.
May 12, 2025

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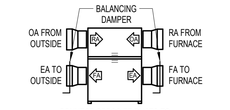
Mark	Date (D-M-Y)	Description

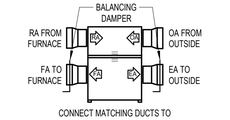
Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MECHANICAL DETAILS

Sheet: M503

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ENERGY RECOVERY VENTILATOR INSTALLATION DIAGRAMS

ENERGY RECOVERY VENTILATOR

MARK	CFM	ELECTRICAL				REMARKS
		FLA	MCA	VOLTAGE	PHASE	
ERV-3	400	8.6	19.4	115	1	SEE NOTES 1,2,3
ERV-4	760	8.6	19.4	115	1	SEE NOTES 1,2,3,4
ERV-7A	450	8.6	19.4	115	1	SEE NOTES 1,2,3,5
ERV-7B	450	8.6	19.4	115	1	SEE NOTES 1,2,3,5

1. RENEWAIRE MODEL HE1XINV. TWO 0.75 HP FANS. 25 MAX. FUSE SIZE.
2. ENERGY RECOVERY VENTILATOR MARKS CORRESPOND WITH FAN UNIT MARKS.
3. SEE ERV INSTALLATION DIAGRAMS TO THE LEFT.
4. EXISTING ERV TO REMAIN.
5. RELOCATED ERV.

EXHAUST FAN SCHEDULE

MARK	SERVES ROOM	MIN. A.C.F.M.	STATIC PRESSURE IN. W.G.	WATTS	REMARKS
EF-10	TOILET 152	70	0.250	81 W	SEE NOTES 1,2,3,4
EF-11	TOILET 153	70	0.250	81 W	SEE NOTES 1,2,3,4
EF-12	ROOM 137	85	0.250	100 W	SEE NOTES 1,2,3,4

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

DIFFUSER SCHEDULE

MARK	QUANTITY	CFM RANGE	DIFFUSER SIZE	NECK CONN.	BLOW	PATTERN	AIR DIST. / SIDE		REMARKS
							A (%)	B (%)	
D-1	4	60 - 120	6x6	6ø	4 WAY		--	--	SEE NOTES 1,2,3
D-2	1	245 - 380	12x12	8ø	4 WAY		--	--	SEE NOTES 1,2,3
D-3	17	245 - 380	12x12	10ø	5 WAY		--	--	SEE NOTES 1,2,3

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

REGISTER, LOUVER & GRILLE SCHEDULE

MARK	QUANTITY	TYPE	SERVICE	CFM RANGE	MAX NC	NOMINAL SIZE	REMARKS
L-1	1	LOUVER	EA	560	25	18x24	SEE NOTES 1,2,6,9
L-2	1	LOUVER	OA	1595	25	42x24	SEE NOTES 1,2,5,9
L-3	1	LOUVER	EA	2130	25	42x30	SEE NOTES 1,4,6,7,9
L-4	1	LOUVER	OA	1995	25	42x24	SEE NOTES 1,3,8,14
R-4	12	CEILING	RA	175-450	25	12x12	SEE NOTES 1
R-5	6	CEILING	RA	400	25	18x20	SEE NOTES 1,8,10
S-1	8	SIDEWALL	SA	625	25	18x8	SEE NOTES 1,3,8,10

1. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS
2. PROVIDE ALUMINUM BIRD SCREEN OR INSECT SCREEN. SEE SPECIFICATIONS
3. SET REGISTER BLADES FOR 15° UPWARD DEFLECTION
4. BLADE ORIENTATION SHALL BE HORIZONTAL
5. MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 400 FT/MIN.
6. MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 600 FT/MIN.
7. SEE ARCHITECTURAL ELEVATIONS FOR EXACT DIMENSIONS AND SHAPE
8. FINISH SHALL BE OFF-WHITE BAKED ENAMEL
9. FINISH COLOR, AS DIRECTED BY ARCHITECT, TO MATCH SURROUNDING SURFACE FINISH
10. G.C. TO REUSE EXISTING 6 EXISTING SIDEWALL GRILLES IF POSSIBLE.

ROOM VENTILATION SCHEDULE

Room Number	Room Name	Occupancy Category	Occupancy Classification	Area	Area Rate	People / 1000 ft²	Calculated Occupancy	Occupancy Override	People OSA Rate	Zone Air Distribution Effectiveness	OSA Required
151	HALL	Public spaces	Corridors	31	0.06	0	0		0	0.8	2
152	TOILET	Public spaces	Toilet rooms — public	73	0	0	0		0	0.8	0
153	TOILET	Public spaces	Toilet rooms — public	47	0	0	0		0	0.8	0
154	ROOM	Education	Classrooms (age 9 plus)	148	0.12	35	6	3	10	0.8	60
155	ROOM	Education	Classrooms (age 9 plus)	148	0.12	35	6	3	10	0.8	60
156	ROOM	Education	Classrooms (age 9 plus)	148	0.12	35	6	3	10	0.8	60
150	CORRIDOR	Public spaces	Corridors	150	0.06	0	0		0	0.8	11
										0.8	0
157	ROOM	Education	Classrooms (age 9 plus)	680	0.12	35	24	12	10	0.8	252
										0.8	0
147	ROOM (JANITOR)	Retail stores; sales floo	Storage rooms	67	0.12	0	0		0	0.8	10
148	STORAGE	Retail stores; sales floo	Storage rooms	124	0.12	0	0		0	0.8	19
161	CORRIDOR	Public spaces	Corridors	254	0.06	0	0		0	0.8	19
158	ROOM	Education	Classrooms (age 9 plus)	109	0.12	35	4	2	10	0.8	41
159	ROOM	Education	Classrooms (age 9 plus)	109	0.12	35	4	2	10	0.8	41
160	ROOM	Education	Classrooms (age 9 plus)	266	0.12	35	10	5	10	0.8	102
										0.8	0
160	CORRIDOR	Public spaces	Corridors	256	0.06	0	0		0	0.8	19
163	ROOM	Education	Classrooms (age 9 plus)	162	0.12	35	6	3	10	0.8	62
164	ROOM	Education	Classrooms (age 9 plus)	177	0.12	35	7	4	10	0.8	77
165	ROOM	Education	Classrooms (age 9 plus)	101	0.12	35	4	2	10	0.8	40
166	ROOM	Education	Classrooms (age 9 plus)	117	0.12	35	5	3	10	0.8	55
										0.8	0
146	BASKETBALL	Sports and amusement	Gym; stadium; arena (play a	2199	0.18	7	16	8	20	0.8	695
										0.8	0
										0.8	0

NOTES:
1. AVERAGE OCCUPANCY LOADS ARE LISTED IN THE OCCUPANCY OVERRIDE COLLUMN SINCE SPACES ARE NOT COUNTINOUSLY OCCUPIED.

FAN UNIT SCHEDULE (GAS FIRED FURNACE)

MARK	AREA SERVED	MIN. REQ'D OUTPUT BTU/H	MINIMUM A.C.F.M.	MINIMUM O.A.	EXT. S.P. (IN.W.G.)	STANDARD FILTER SIZE	MOTOR		REMARKS
							MINIMUM H.P.	SPEED	
F-1	EXISTING	57,000	1200	185	0.70	1x16x25	0.5	HIGH	SEE NOTES 1,2,5,6,7,8,9,10,11
F-2	EXISTING	57,000	1200	325	0.60	1x16x25	0.5	MED - HIGH	SEE NOTES 1,2,5,6,7,8,9,10,11
F-3	ROOM 157	66,000	1000	250	0.60	1x16x25	0.33	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-4	EXISTING	75,000	1600	760	0.50	1x20x25	0.75	HIGH	SEE NOTES 1,2,5,6,7,8,9,10,11
F-5	EXISTING	57,000	1200	185	0.70	1x16x25	0.5	HIGH	SEE NOTES 1,2,5,6,7,8,9,10,11
F-6A	EXISTING	75,000	1600	375	0.70	1x20x25	0.75	HIGH	SEE NOTES 1,2,5,6,7,8,9,10,11
F-6B	EXISTING	75,000	1600	375	0.70	1x20x25	0.75	HIGH	SEE NOTES 1,2,5,6,7,8,9,10,11
F-6C	EXISTING	75,000	1600	375	0.70	1x20x25	0.75	HIGH	SEE NOTES 1,2,5,6,7,8,9,10,11
F-6D	EXISTING	75,000	1600	375	0.70	1x20x25	0.75	HIGH	SEE NOTES 1,2,5,6,7,8,9,10,11
F-7A	CULTURAL CENTER	88,000	1600	450	0.60	1x20x25	0.75	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-7B	CULTURAL CENTER	88,000	1600	450	0.60	1x20x25	0.75	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-8	ROOM 158-160	66,000	1000	250	0.60	1x16x25	0.33	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-9	ROOM 163-166	66,000	1000	250	0.60	1x16x25	0.33	HIGH	SEE NOTES 1,2,5,6,7,8,9,10
F-10	ROOM 154-156	66,000	1000	200	0.60	1x16x25	0.33	HIGH	SEE NOTES 1,2,5,6,7,8,9,10

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

COMPRESSOR UNIT SCHEDULE (COOLING ONLY)

MARK	MIN. NOMINAL SIZE (TONS)	COMPRESSOR RATED LOAD AMPS	FAN FULL LOAD AMPS	MIN. CIRCUIT AMPS	MOCP	REMARKS
CU-1	3.0	16.7	1.5	22.0	35	SEE NOTES 1,2,3,4,5,6,7
CU-2	3.0	16.7	1.5	22.0	35	SEE NOTES 1,2,3,4,5,6,7
CU-3	2.5	14.1	1.1	17.0	25	SEE NOTES 1,2,3,4,5,6
CU-4	4.0	24.2	1.7	31.9	50	SEE NOTES 1,2,3,4,5,6,7
CU-5	3.0	16.7	1.5	22.0	35	SEE NOTES 1,2,3,4,5,6,7
CU-6A	4.0	24.2	1.7	31.9	50	SEE NOTES 1,2,3,4,5,6,7
CU-6B	4.0	24.2	1.7	31.9	50	SEE NOTES 1,2,3,4,5,6,7
CU-6C	4.0	24.2	1.7	31.9	50	SEE NOTES 1,2,3,4,5,6,7
CU-6D	4.0	24.2	1.7	31.9	50	SEE NOTES 1,2,3,4,5,6,7
CU-7A	4.0	24.2	1.7	25.0	40	SEE NOTES 1,2,3,4,5,6
CU-7B	4.0	24.2	1.7	25.0	40	SEE NOTES 1,2,3,4,5,6
CU-8	2.5	14.1	1.1	17.0	25	SEE NOTES 1,2,3,4,5,6
CU-9	2.5	14.1	1.1	17.0	25	SEE NOTES 1,2,3,4,5,6
CU-10	2.5	14.1	1.1	17.0	25	SEE NOTES 1,2,3,4,5,6

1. REFRIGERANT R-410a
2. AT DESIGN CONDITIONS AND 100°F ENTERING AIR TEMPERATURE TO CONDENSER
3. CONDENSING UNIT MARKS CORRESPOND WITH DX COIL AND FURNACE MARKS
4. ELECTRICAL CHARACTERISTICS-COMPRESSOR: 208V/1PHASE/60HZ
5. SEE SPECIFICATION FOR APPROVED MANUFACTURERS. MINIMUM 13.4 SEER 2.
6. COORDINATE ACTUAL ELECTRICAL RATINGS OF UNIT SUPPLIED WITH DIVISION 26
7. EXISTING CONDENSER TO REMAIN.

DX COIL SCHEDULE

MARK	CALCULATED COOLING LOAD		EVAPORATOR ENT. CONDITIONS		A.C.F.M / S.C.F.M.	MAX. PR. DR. IN. W.G.	REMARKS
	TOTAL BTU/H	SENSIBLE BTU/H	DB °F	WB °F			
CC-1	36,000	32,000	78.1	64.4	1200/1200	0.28	SEE NOTES 5
CC-2	36,000	32,700	80.5	65.9	1200/1200	0.28	SEE NOTES 5
CC-3	30,000	26,900	80.0	65.7	1000/1000	0.25	SEE NOTES 1,2,3,4
CC-4	48,000	45,000	84.6	68.5	1600/1600	0.35	SEE NOTES 5
CC-5	36,000	32,000	78.1	64.4	1200/1200	0.28	SEE NOTES 5
CC-6A	48,000	43,100	79.7	65.5	1600/1600	0.35	SEE NOTES 5
CC-6B	48,000	43,100	79.7	65.5	1600/1600	0.35	SEE NOTES 5
CC-6C	48,000	43,100	79.7	65.5	1600/1600	0.35	SEE NOTES 5
CC-6D	48,000	43,100	79.7	65.5	1600/1600	0.35	SEE NOTES 5
CC-7A	48,000	42,900	79.4	65.3	1600/1600	0.35	SEE NOTES 1,2,3,4
CC-7B	48,000	42,900	79.4	65.3	1600/1600	0.35	SEE NOTES 1,2,3,4
CC-8	30,000	26,900	80.0	65.7	1000/1000	0.25	SEE NOTES 1,2,3,4
CC-9	30,000	26,900	80.0	65.7	1000/1000	0.25	SEE NOTES 1,2,3,4
CC-10	30,000	26,800	79.0	65.0	1000/1000	0.25	SEE NOTES 1,2,3,4

1. COMPLETE WITH FACTORY COIL BOX AND COIL
2. WET COIL
3. 4500 FEET ELEVATION (0.848 CFM TRANSMISSION FACTOR)
4. SEE SPECIFICATION FOR APPROVED MANUFACTURERS
5. EXISTING COOLING COIL TO REMAIN.

EXISTING ELECTRIC WALL HEATER SCHEDULE

MARK	SERVES	KW OUTPUT	Ø	HERTZ	VOLTS	AMPS	REMARKS
EH-1	FIRE RISER ROOM	3.0	1	60	208	14.4	COMPLETE WITH THERMOSTAT CONTROLS

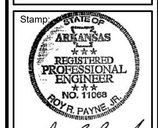
DESIGN CONDITIONS	OUTSIDE	INSIDE
WINTER	10.4°F	70°F
SUMMER	95.2°F DB, 74.4°F WB	75°F DB, 64°F WB

GENERAL NOTES:

1. THE MECHANICAL CONTRACTOR SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWINGS BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS. MOTOR NAME PLATE VOLTAGE SHALL BE NEMA STANDARD 200 VOLT FOR 208 VOLT THREE PHASE SYSTEM AND SHALL BE NEMA STANDARD 230 VOLT FOR 240 VOLT THREE PHASE OR SINGLE PHASE SYSTEM. STARTER HEATERS INSTALLED SHALL BE COORDINATED WITH THE NAME PLATE DATA.
2. S.C.F.M. LISTED IS STANDARD AIR. A.F.C.M. LISTED IS ACTUAL AIR AT ELEVATION NOTED.

Architect / Engineer:
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3500 S. 48TH ST
ROGERS, AR 72758
JOB NO. 2025.02
DESIGNED BY: DGK

Stamp:



I hereby certify that these plans and specifications have been prepared by me or under my supervision. I further certify that I am duly registered professional engineer in full compliance with the Arkansas Fire Prevention Act for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR STAKE
ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MECHANICAL SCHEDULES

Sheet: M601

6/23/2025 4:02:40 PM

COM*check* Software Version COMcheckWeb

Mechanical Compliance Certificate

Project Information

Energy Code:	2012 IECC
Project Title:	Prairie Grove
Location:	Prairie Grove (Washington), Arkansas
Climate Zone:	4a
Project Type:	Alteration

Construction Site:
801 West Buchanan Street
Prairie Grove, Arkansas 72753

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

Designer/Contractor:
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Suite 5550 1805 N 2nd Street
Rogers, Arkansas 72758
(479) 636-5004
rrp@teamofchoice.com

Mechanical Systems List

Quantity **System Type & Description**

4 HVAC System (Single Zone w/ PerimeterSystem):
Heating: 1 each - Unit Heater, Gas, Capacity = 66 kBtu/h
Proposed Efficiency = 94.00% Ec, Required Efficiency: 80.00 % Ec
Cooling: 1 each - Split System, Capacity = 30 kBtu/h, Air-Cooled Condenser, Unknown Economizer
Proposed Efficiency = 14.30 SEER, Required Efficiency = 13.00 SEER
Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00

2 HVAC System (Single Zone w/ PerimeterSystem):
Heating: 1 each - Unit Heater, Gas, Capacity = 88 kBtu/h
Proposed Efficiency = 95.00% Ec, Required Efficiency: 80.00 % Ec
Cooling: 1 each - Split System, Capacity Unknown, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 14.70 SEER, Required Efficiency = 13.00 SEER
Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2012 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

COM*check* Software Version COMcheckWeb

Inspection Checklist

Energy Code: 2012 IECC

Requirements: 100.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR2][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C403.2.4.5 [FO9][1]	Freeze protection and snow/ice melting system sensors for future connection to controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.3 [ME55][1]	HVAC equipment efficiency verified.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C403.2.5.1 [ME59][1]	Demand control ventilation provided for spaces >500 sq.ft. and >25 people/1000 sq.ft. occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C403.2.7 [ME60][1]	HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.8 [ME61][1]	HVAC piping insulation thickness. Where piping is installed in or under a slab, verification may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.8 [ME61][1]	HVAC piping insulation thickness. Where piping is installed in or under a slab, verification may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.8.1 [ME7][1]	Piping Insulation exposed to weather is protected from damage (due to sun, moisture, wind, etc.).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.8 [ME41][1]	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.7 [ME10][1]	Ducts and plenums sealed based on static pressure and location.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.7.1.3 [ME11][1]	Ductwork operating >3 in. water column requires air leakage testing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.7.1.3 [ME11][1]	Ductwork operating >3 in. water column requires air leakage testing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.2.1 [ME53][1]	Air outlets and zone terminal devices have means for air balancing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.4.2 [ME66][1]	VAV fan motors >=7.5 hp to be driven by variable speed drive, have a vane-axial fan with variable pitch blades, or have controls to limit fan motor demand.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.4.2 [ME66][1]	VAV fan motors >=7.5 hp to be driven by variable speed drive, have a vane-axial fan with variable pitch blades, or have controls to limit fan motor demand.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.6 [ME57][1]	Exhaust air energy recovery on systems meeting Table C403.2.6	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C403.2.11 [ME71][1]	Unenclosed spaces that are heated use only radiant heat.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C403.2.4.1 [FI47][1]	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.4.1 [FI47][1]	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.4.2 [FI38][1]	Thermostatic controls have a 5 °F deadband.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.4.2 [FI20][1]	Temperature controls have setpoint overlap restrictions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.4.3 [FI39][1]	Each zone equipped with setback controls using automatic time clock or programmable control system.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.4.3 [FI40][1]	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant override, 10-hour backup	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.5.1 [FI7][1]	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C303.3, C408.2.5.3 [FI8][1]	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.5.3 [FI43][1]	An air and/or hydronic system balancing report is provided for HVAC systems.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.3.2 [FI10][1]	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.2 [FI27][1]	HVAC systems and equipment capacity does not exceed calculated loads.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.1 [FI28][1]	Commissioning plan developed by registered design professional or approved agency.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C408.2.4 [FI29][1]	Preliminary commissioning report completed and certified by registered design professional or approved agency.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.5.4 [FI30][1]	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.3.1 [FI31][1]	HVAC equipment has been tested to ensure proper operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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JOB NO. 2502
DESIGNED BY: DGK

Stamp

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11068
ROY R. PAYNE, JR.
May 12, 2025

I hereby certify that these plans and specifications have been prepared by me or under my supervision. I further certify that to the best of my knowledge and belief these plans and specifications comply with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR LDS
ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

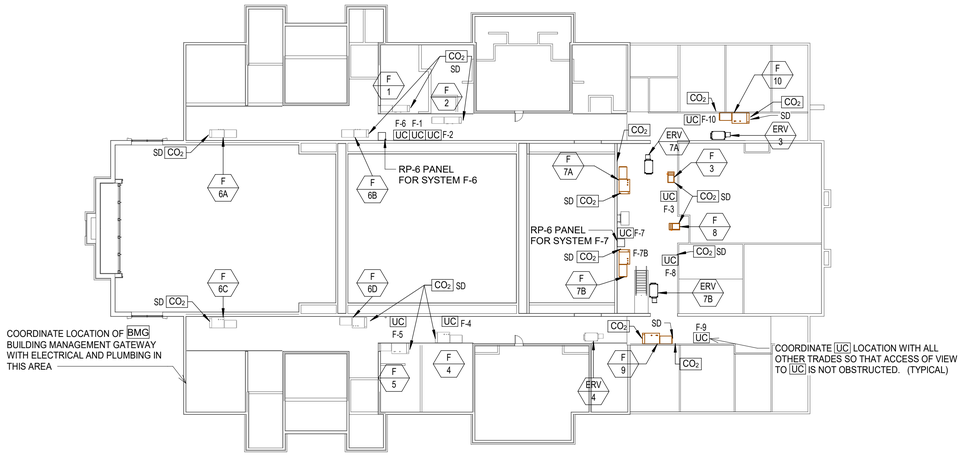
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: MECHANICAL ENERGY CALCULATION

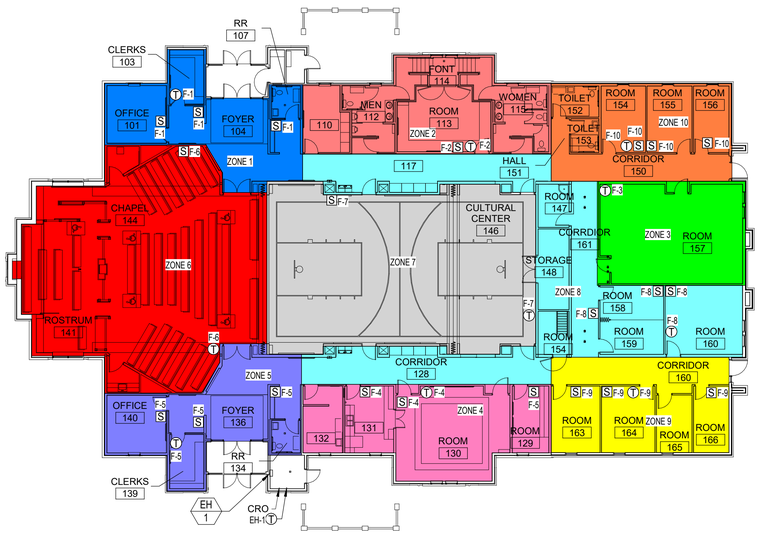
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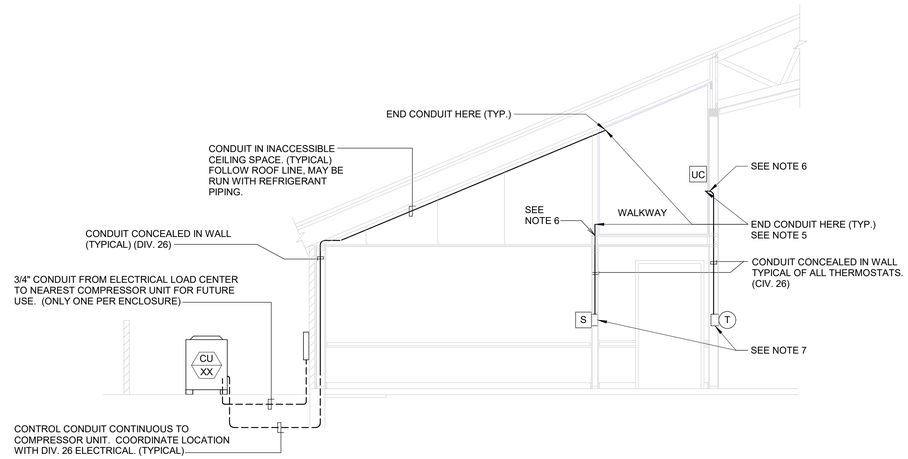
2 EQUIPMENT PLATFORM AUTOMATIC TEMPERATURE CONTROL PLAN

SCALE: 1/16" = 1'-0"



1 MAIN FLOOR AUTOMATIC TEMPERATURE CONTROL PLAN

SCALE: 1/16" = 1'-0"



A MINIMUM REQUIRED CONDUIT-TYPICAL DETAIL

SCALE: NONE

NOTE:
ALL TEMPERATURE CONTROL CONDUIT SHALL BE FURNISHED AND INSTALLED BY DIVISION 26.

SYMBOLS

UC	UNITARY CONTROLLER (DIV 23). MOUNT MODULE IN ACCESSIBLE LOCATION ON HORIZONTAL WALL NEAR ASSOCIATED FURNACE.
RP-6	RELAY PANEL (DIV 23) MOUNT 5'-0" TO BOTTOM OF CABINET
T	THERMOSTAT (LCBS) OUTLET (DIV 26)
S	INDOOR AIR SENSOR OUTLET (DIV 26)
BMG	BUILDING MANAGEMENT GATEWAY (DIV 23)
OAS	GLOBAL OUTDOOR AIR SENSOR (DIV 23) TO BE INSTALLED ON THE NORTH SIDE OF THE BUILDING (OUT OF DIRECT SUNLIGHT) AND CONNECTED TO ANY ZONE.
CO_2	CO_2 SENSOR (DIV 23) INSTALL UPSTREAM OF RELIEF OR OUTSIDE AIR CONNECTON.
CRO	COMBINATION RELAY AND THERMAL OVERLOAD DISCONNECT (W/20 AMP RIB RELAY 2401B)
ZP-1	(3) ZONE PANEL (DIV 23)
ZP-2	(4) ZONE PANEL (DIV 23)
Z*	ZONE DAMPER (*=ZONE NUMBER)
SD	DUCT SMOKE DETECTOR

NOTES:

1. BOXES FOR THERMOSTAT (T) AND (S) OUTLETS SHALL BE 2"X4" WITH LONG DIMENSION VERTICAL. USE METAL BRACKET OF COVER PLATE ASSEMBLY TO MOUNT THERMOSTAT HORIZONTAL.
2. CONDUIT TO BE 1/2" UNLESS NOTED OTHERWISE.
3. TEMPERATURE CONTROL WIRING THAT IS NOT IN CONDUIT SHALL BE RUN PARALLEL AND PERPENDICULAR TO BUILDING CONSTRUCTION LINES. SEE SPECIFICATIONS FOR ACCEPTABLE FASTENING METHODS AND MAXIMUM ALLOWABLE SPACING BETWEEN FASTENERS.
4. TEMPERATURE CONTROL WIRING THAT IS NOT IN CONDUIT SHALL BE LABELED. PROVIDE A LABEL AT ALL POINTS WHERE TEMPERATURE CONTROL WIRING ENTERS CONDUIT AND AT CONNECTIONS TO DEVICES.
5. SEAL OPEN END OF CONDUIT AIR-TIGHT AROUND THERMOSTAT/SENSOR WIRE WITH SEALANT COMPOUND. SEE SPECS FOR APPROVED PRODUCT.
6. SEAL ANNULAR SPACE BETWEEN CONDUIT AND OPENING IN FLOOR OR WALL WITH SEALANT COMPOUND. SEE SPECS FOR APPROVED PRODUCT.
7. SEAL OPEN END OF CONDUIT AT J-BOX AIR-TIGHT AROUND THERMOSTAT/SENSOR WIRE. SEAL ALL AIR GAPS AROUND J-BOX TO ISOLATE J-BOX FROM WALL CAVITY. SEAL BACK OF THERMOSTAT AROUND WIRES. PACK J-BOX TIGHT WITH GLASS FIBER BAT INSULATION. USE SEALING COMPOUND SPECIFICALLY MADE FOR REFRIGERATION AND AIR-CONDITIONING APPLICATIONS. SEE SPECIFICATIONS FOR APPROVED PRODUCTS.
8. ELECTRIC HEATER ZONE. CONNECT UC TO 20 AMP RELAY AND THEN TO THERMAL OVERLOAD. REFER TO WIRING DIAGRAM, SHEET ME701.
9. FOR AVERAGING SENSORS USE 3/4" CONDUIT.

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JOB NO. 2022
DESIGNED BY: DGA

Stamp:
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11068
ROY R. PAYNE, JR.
Jun 23, 2025

I hereby certify that these plans and specifications were prepared by me or under my supervision. I further certify that to the best of my knowledge, information and belief these plans and specifications are in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR MEETINGHOUSE
ADDITION SPRINGDALE AR STAKE CENTER

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

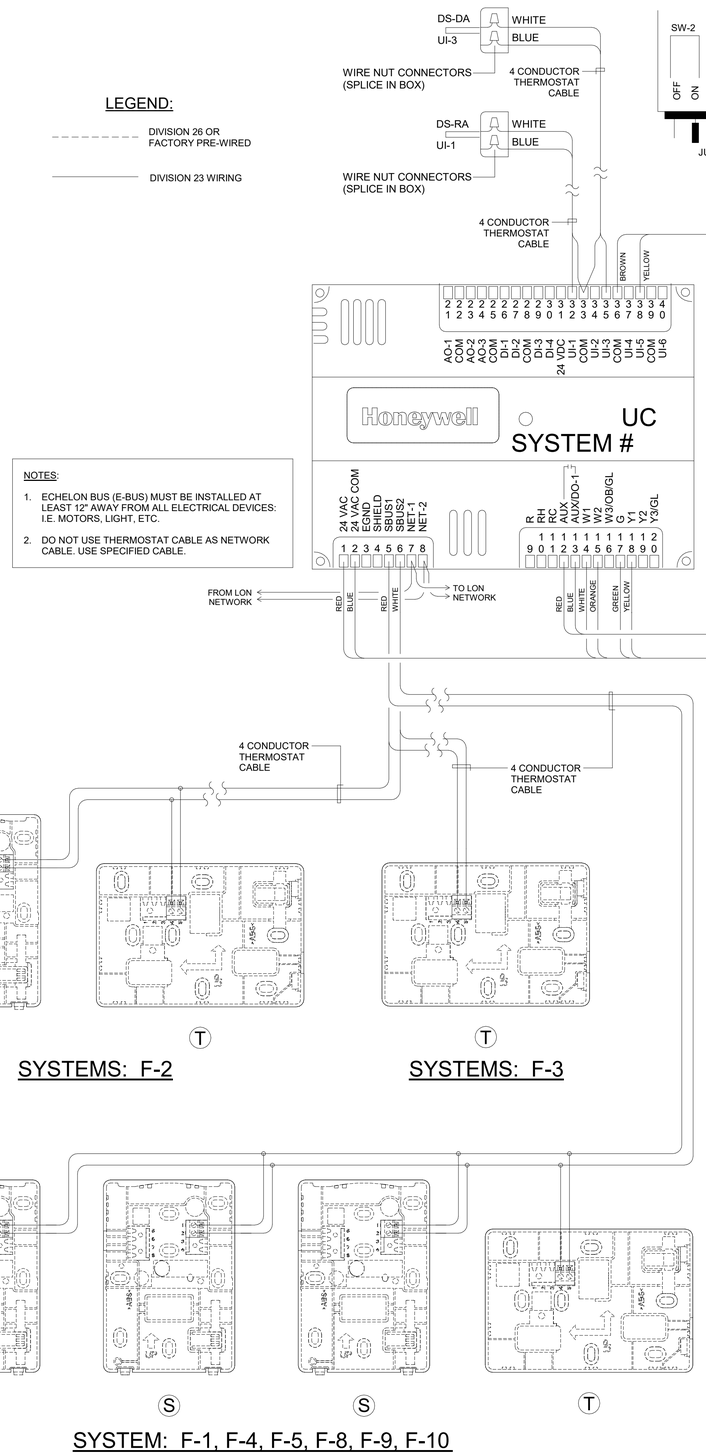
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: AUTOMATIC TEMPERATURE CONTROL PLANS

Sheet: ME101

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ENERGY RECOVERY VENTILATOR WIRING

(A) SYSTEMS: F-3, F-4, & F-7

NOTES:

1. THERMOSTAT CABLE- 4, 8 OR 12 CONDUCTOR- 18 AWG SOLID COPPER WIRE INSULATED WITH HIGH DENSITY POLYETHYLENE. CONDUCTORS PARALLEL. ENCLOSED IN BROWN PVC JACKET. (NO 22 AWG CABLE ALLOWED).
2. IF COMPRESSOR UNITS HAVE THEIR OWN POWER SUPPLY IT MAY BE NECESSARY TO ADD ADDITIONAL RELAYS IN COMPRESSOR UNIT TO PROPERLY INTERFACE CONTROLS.
3. USE WIRE NUT CONNECTORS FOR SPLICING CONDUCTORS IN SPECIFIED LOCATIONS. AND TYTON TYPE CRIMP CONNECTORS FOR TERMINAL CONNECTIONS. NO TERMINAL CONNECTORS REQUIRED AT THERMOSTAT OR SENSOR.
4. DO NOT RUN ANY OTHER WIRING IN THIS CONDUIT EXCEPT THERMOSTAT CABLE.
5. VERIFY THAT FAN UNIT FAN SPEED CONTROL WIRING IS SET TO MATCH SCHEDULE SHEET AND THAT FAN OPERATES AT COOLING SPEED ONLY.
6. DO NOT SPLICE WIRE IN RUNS FROM SENSOR TO THERMOSTAT, THERMOSTAT TO FURNACE, AND THERMOSTAT TO DISCHARGE AIR SENSOR.
7. PROVIDE CHASE NIPPLE WITH PLASTIC BUSHING WHEN ATTACHING J-BOX TO EQUIPMENT.
8. PROVIDE CABLE-CLAMP SO THAT CABLES CANNOT BE PULLED OUT OF J-BOX.

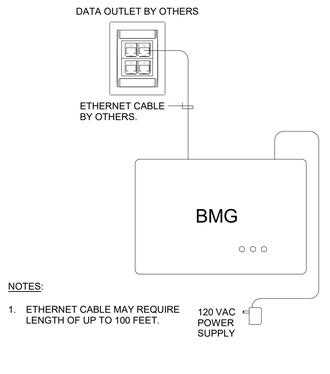
CONTROL EQUIPMENT

MARK	DESCRIPTION	CAT. NO. (1)	MARK	DESCRIPTION	CAT. NO. (1)
BMG	BUILDING MANAGEMENT GATEWAY	LGW1000 (GATEWAY) WPM-8000 (WALL PLUG)	RP-6	RELAY PANEL 24X18X6W/COVER	(2) (4)
UC	UNITARY CONTROLLER	YCRL64385R1000	DM-1	DAMPER MOTOR TWO POSITION	MS8105A1030
T	THERMOSTAT WALL MODULE	LCBS WALL MODULE	DM-2	DAMPER MOTOR 2 POS W/END SWITCH	MS8105A1130
	THERMOSTAT COVER PLATE ASSEMBLY	50002883-001	X-1	TRANSFORMER 120, 208, 240V/24V 75VA	AT175F1023
S	REMOTE SENSOR	TR40	X-2	TRANSFORMER 120V/24V 50VA	AT150F1022
G-1	THERMOSTAT GUARD	(2)	SD-1	DUCT SMOKE DETECTOR	(2)
DS	DUCT AIR SENSOR	C7041B2005	SR	SMOKE RELAY 30 AMP 120V COIL	DP2030B5003 (3)
CO_2	CO_2 SENSOR	C7232B1006	RIB	TWO POLE RELAY	RIBU1C (2)
ZP-1	ZONING PANEL (3 ZONES)	HZ322	RIB 20A	TWO POLE RELAY 20 AMP	RIB2401B (6)
ZP-2	ZONING PANEL (4 ZONES)	HZ432	OAS	GLOBAL OUTDOOR AIR SENSOR	C7041F2006 (7)
Z*	ZONE DAMPER (*=ZONE NUMBER)	ZD or ARD (5)	CRO	COMBINATION RELAY & THERMAL OVERLOAD DISCONNECT	(2) (4)
			E-BUS	ECHELON NETWORK CABLE	W221P-2001B

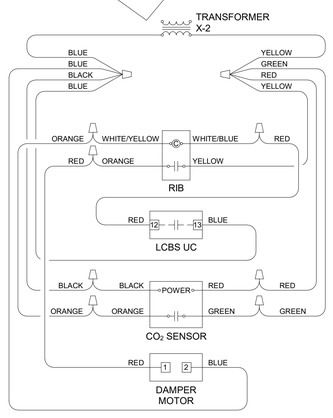
(1) ALL CATALOG NUMBERS SHOWN ARE HONEYWELL UNLESS NOTED OTHERWISE.
(2) SEE SPECIFICATIONS
(3) PROVIDE ENCLOSURE
(4) TO BE PURCHASED FROM AN APPROVED PER-BUILT PANEL BUILDER SEE SPECIFICATION.
(5) SEE PLAN FOR REQUIRED SIZE AND ZONE NUMBER.
(6) USE WITH CRO DISCONNECTFOR ELECTRIC WALL HEATER. CONTROL FROM UC.
(7) ONLY ONE REQUIRED FOR BUILDING. MAY BE CONNECTED TO ANY CONTROLLER AT NORTH SIDE.

WIRING DIAGRAM

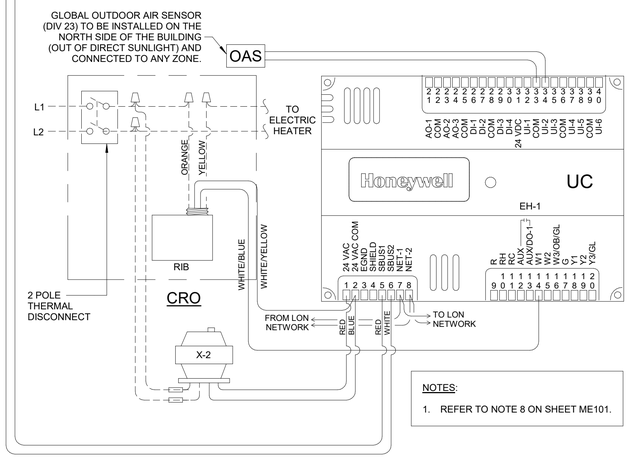
SYSTEMS: F-1, F-2, F-3, F-4, F-5, F-8, F-9 & F-10



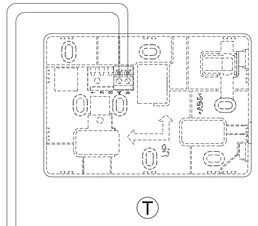
BMG WIRING DIAGRAM



WIRING SCHEMATIC, X-2



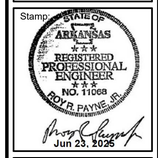
ELECTRIC HEATER WIRING DIAGRAM



SYSTEM: EH-1

Architect / Engineer:
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roypayne@msn.com
479-636-6564
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DESIGNED BY: DGK
SUITE 4-569
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Stamp:



I hereby certify that these plans and specifications were prepared by me or under my direct supervision. I further certify that I am duly registered professional engineer under the laws of the State of Arkansas. These plans and specifications are in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR
ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title:
AUTOMATIC TEMPERATURE CONTROL WIRING AND SCHEDULES

Sheet:
ME701

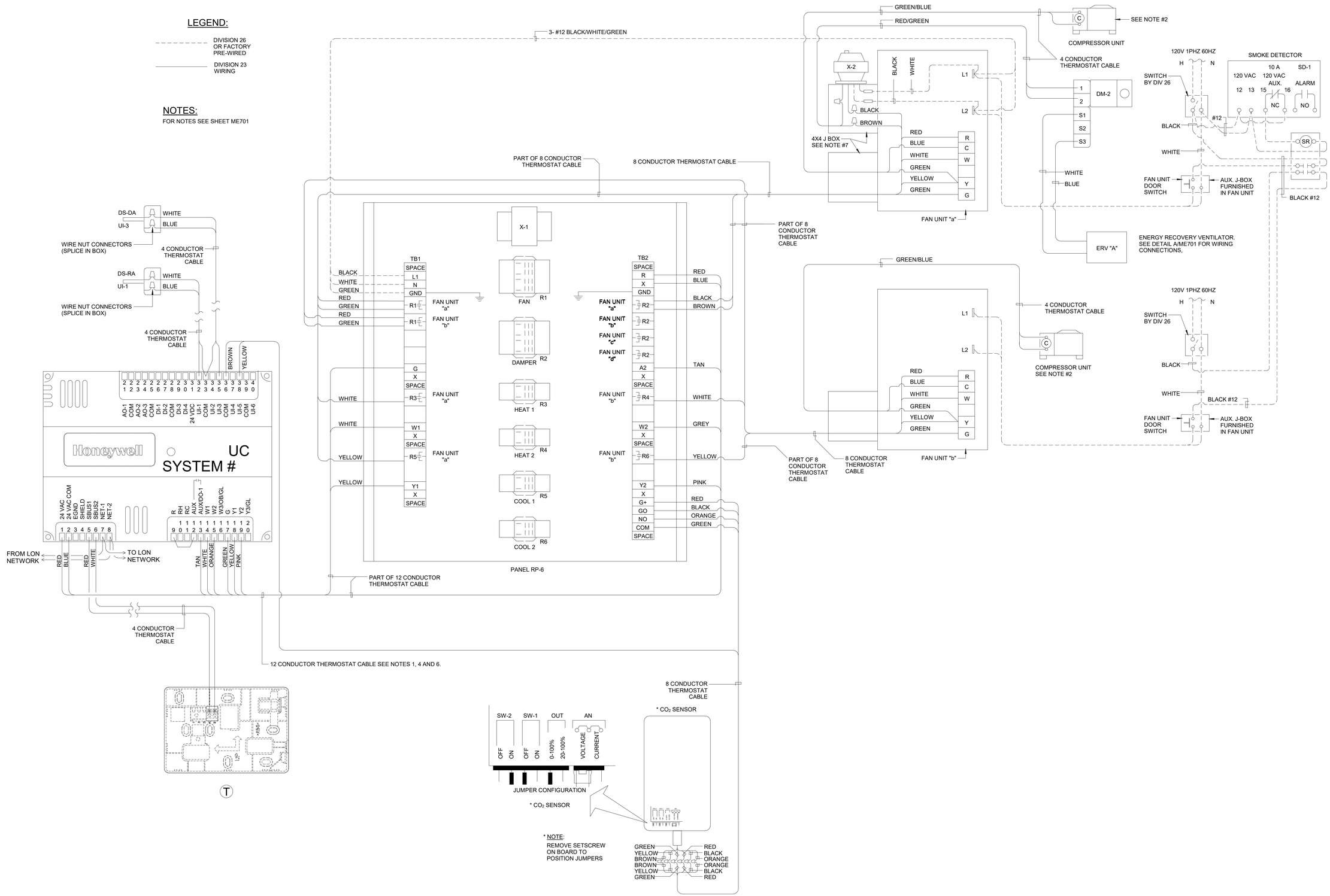
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LEGEND:

- DIVISION 26 OR FACTORY PRE-WIRED
- DIVISION 23 WIRING

NOTES:

FOR NOTES SEE SHEET ME701



WIRING DIAGRAM

SYSTEM: F-6

Architect / Engineer:

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JOB NO. 2024-022
DESIGNED BY: DGK
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Stamp:

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11068
ROY R PAYNE JR.
Jun 23, 2025

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ADDITION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

Description	Date (D-M-Y)	Mark

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: AUTOMATIC TEMPERATURE CONTROL WIRING

Sheet: ME702

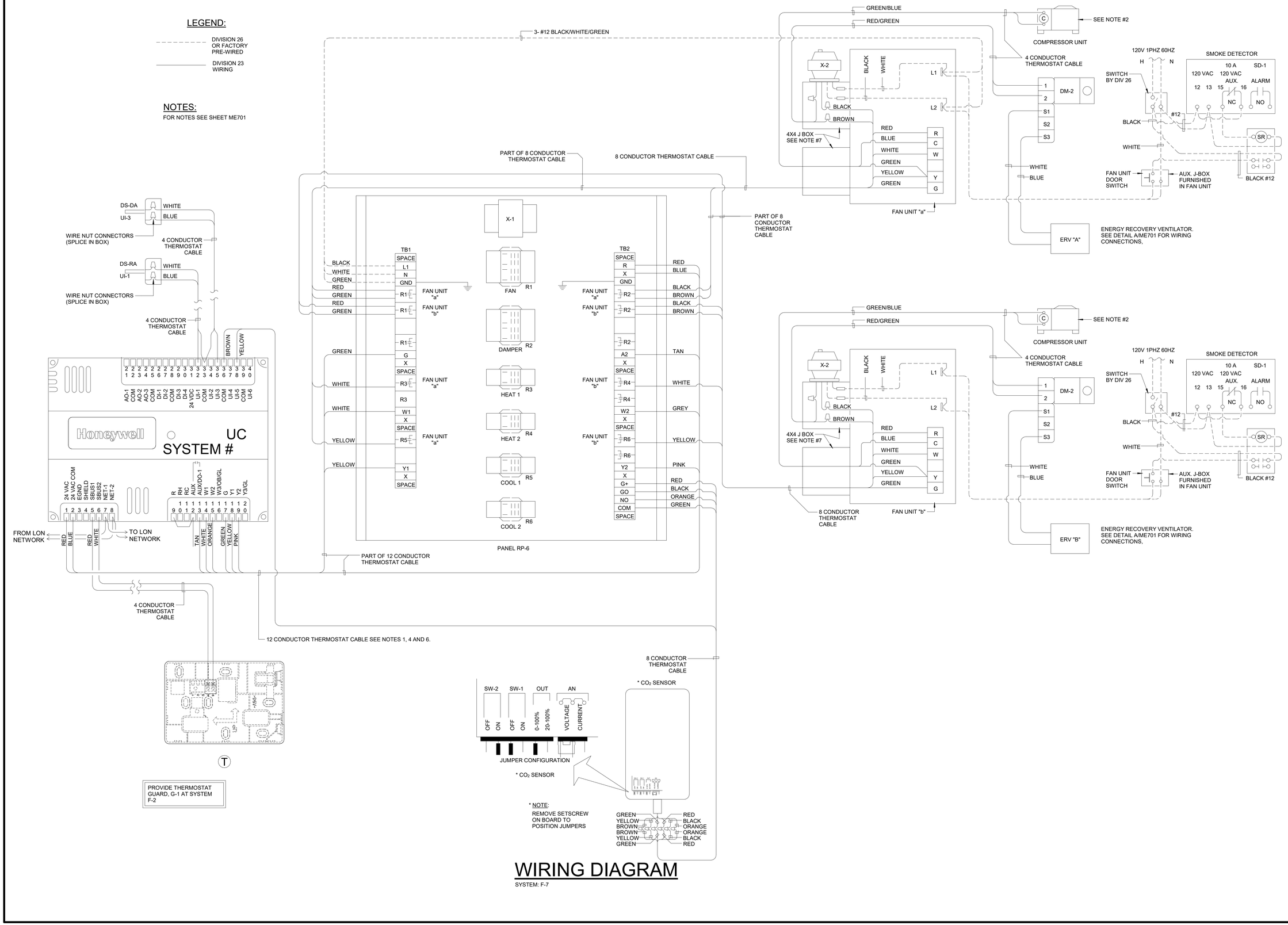
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LEGEND:

- DIVISION 26 OR FACTORY PRE-WIRED
- DIVISION 23 WIRING

NOTES:

FOR NOTES SEE SHEET ME701



WIRING DIAGRAM

SYSTEM: F-7

Architect / Engineer:

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ROY R. PAYNE, JR.
Jun 23, 2025

I hereby certify that these plans and specifications have been prepared by me or under my direct supervision. I further certify that I am duly registered professional engineer under the laws of the State of Arkansas. These plans and specifications are in compliance with the Arkansas Fire Prevention Code as adopted for the State of Arkansas."

NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR MEETINGHOUSE
ADDITION SPRINGDALE AR STAKE CENTER

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

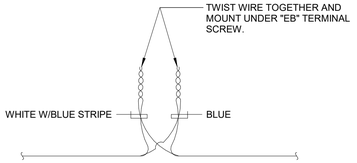
Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

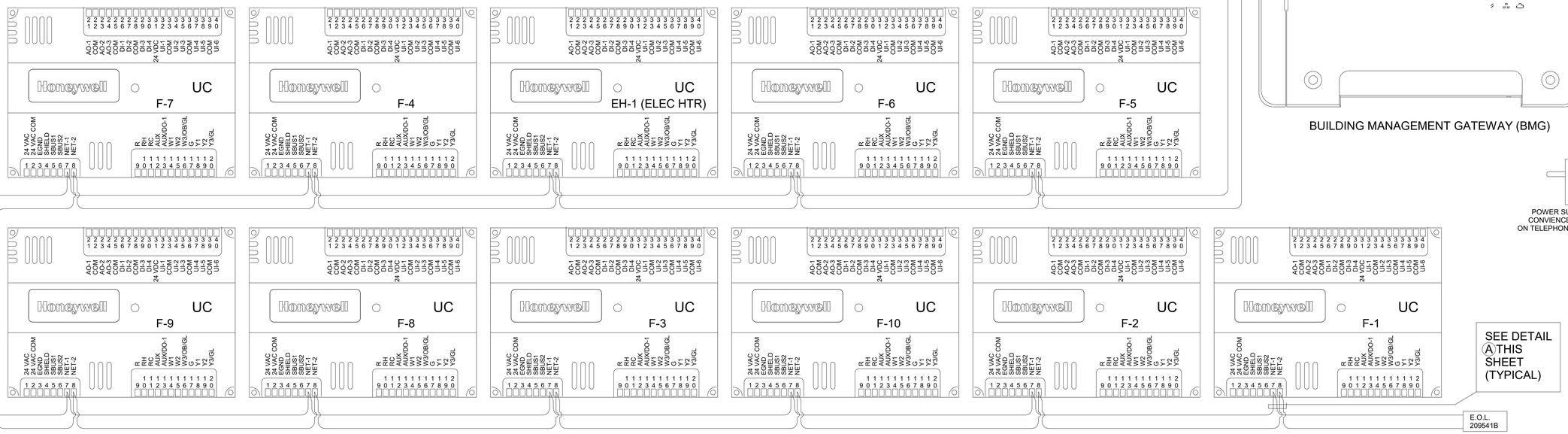
Sheet Title:
AUTOMATIC TEMPERATURE CONTROL WIRING

Sheet:
ME703

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A E-BUS CONNECTION DETAIL
NO SCALE



E-BUS WIRING DIAGRAM

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NEW - MEETINGHOUSE & PARKING
ADDITION PRAIRIE GROVE AR MTG
ADDITION SPRINGDALE AR STAKE

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PRAIRIE GROVE, AR 72753

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OF LATTER-DAY SAINTS

Mark	Date (M-M-Y)	Description

Project Number: 24-078.00
Plan Series: G250-SC-11
Property Number: 5004685240201

Sheet Title: AUTOMATIC TEMPERATURE CONTROL WIRING

Sheet: ME706

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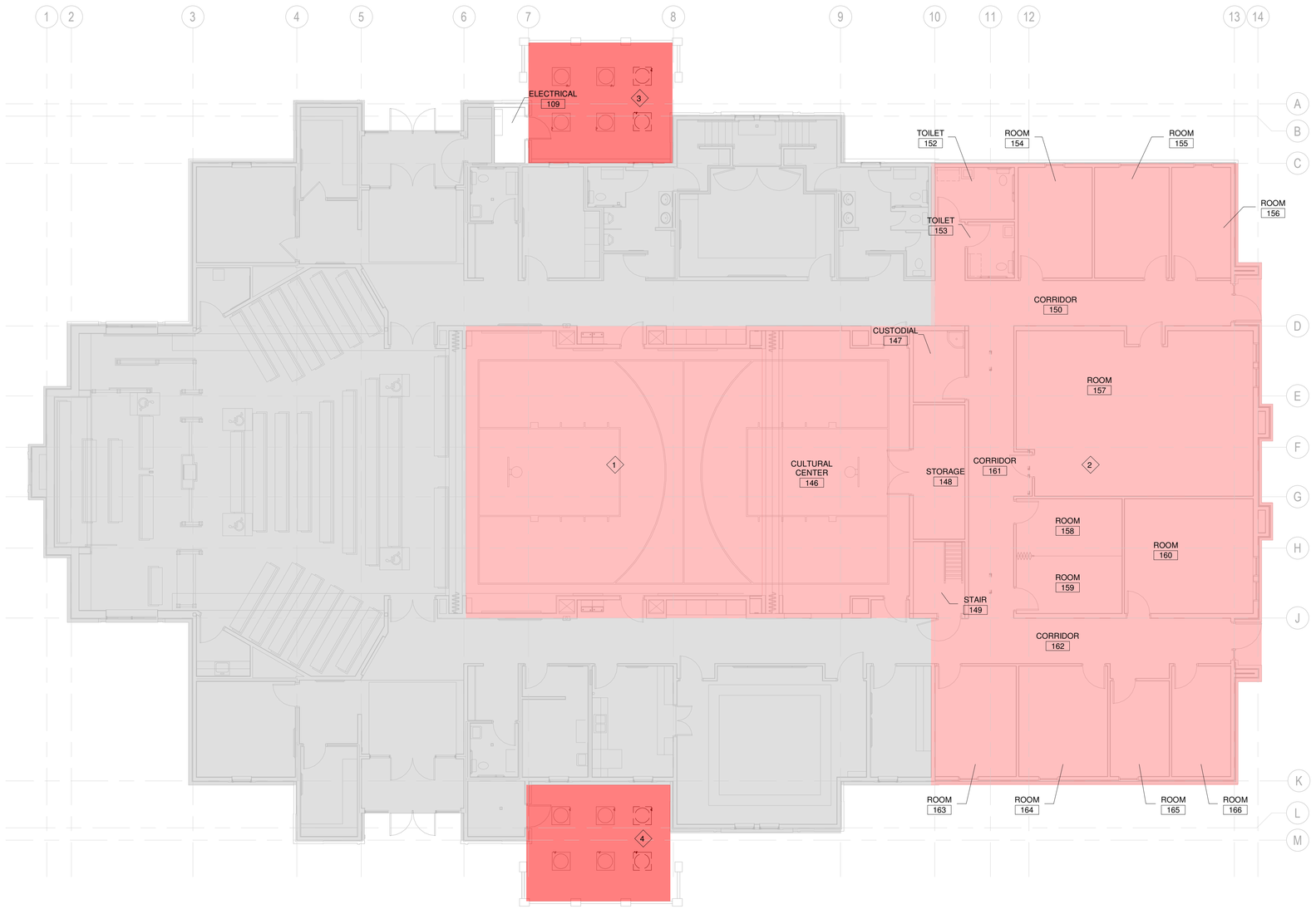
KEYED NOTES

1 DEMO LIGHTING FIXTURES IN EXISTING CULTURAL CENTER TO BE REPLACED WITH NEW SCHEDULED FIXTURES - SEE E101. RE-USE CIRCUITING AND CONTROLS.

2 FOR DEMO AREA OUTSIZE OF EXISTING CULTURAL CENTER, DEMO ALL ELECTRICAL DEVICES AND LIGHTING FIXTURES AND CONTROLS.

3 DEMO POWER CONNECTIONS TO EXISTING UNITS CU-7A ON CIRCUIT LC2-10 AND CU-8 ON CIRCUIT LC2-6.

4 DEMO POWER CONNECTIONS TO EXISTING UNITS CU-3 ON CIRCUIT LC1-1 AND CU-7B ON CIRCUIT LC1-10.



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

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NEW-MEETING HOUSE & PARKING ADDITION PRAIRIE GROVE,AR MN ADDIATION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

Mark	Date (D-M-Y)	Description

Project Number:
24-078.00
WORK ORDER NO.:
G250-SC-11
LDS Prop. Number:
5004685240201

Sheet Title:
MAIN FLOOR DEMO PLAN

Sheet:
E001

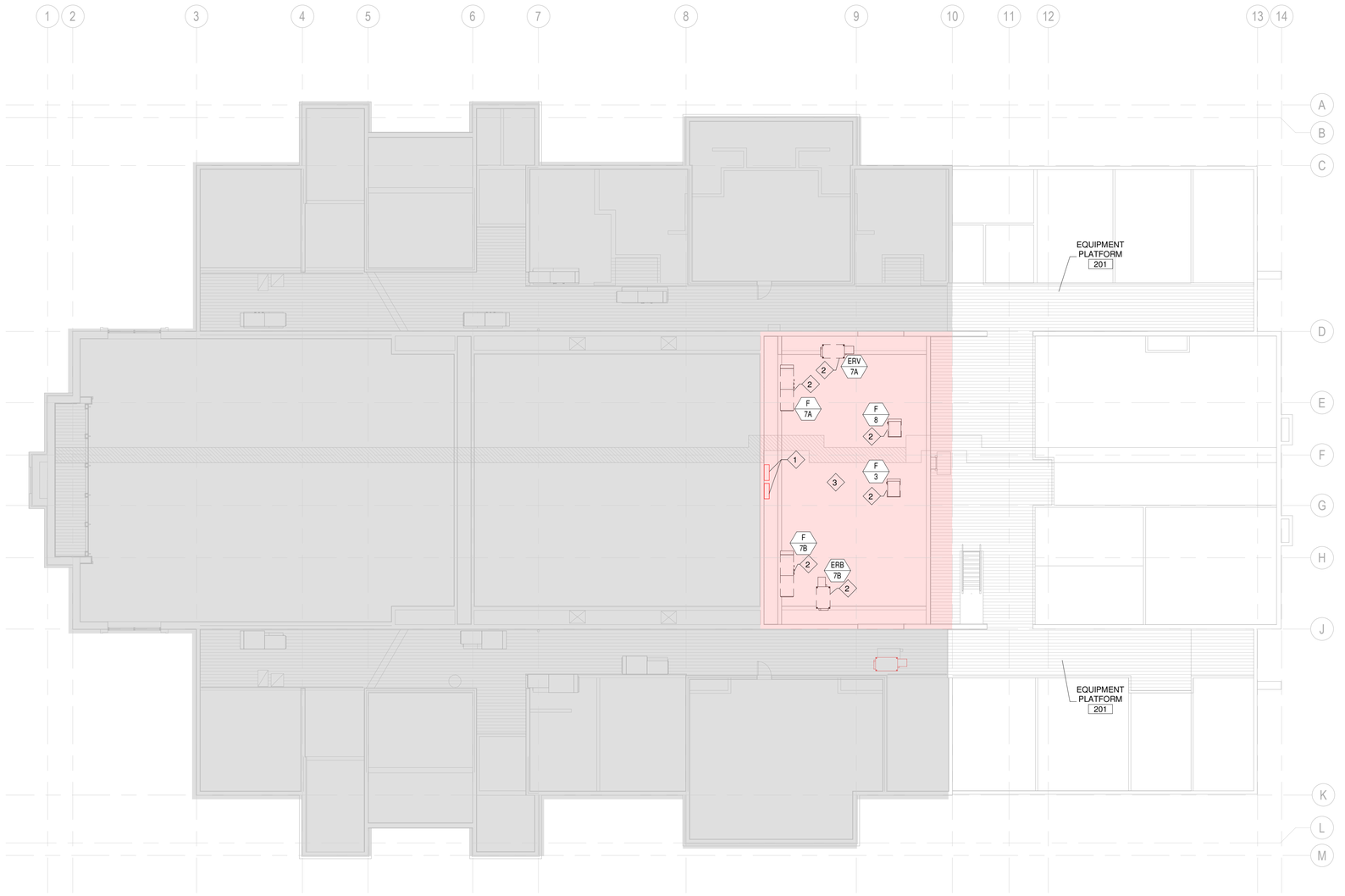
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KEYED NOTES

1 RELOCATE PANEL "C", CONTROL RELAY PANEL, AND TIMECLOCK TO NEW EQUIPMENT PLATFORM AND EXTEND FEEDERS AND CIRCUITRY TO ACCOMMODATE THE RELOCATION OF THE EQUIPMENTS- SEE E112. EXTEND CIRCUITRY AS NECESSARY.

2 DISCONNECT POWER TO HVAC UNIT AND DEMOLISH UPSTREAM CIRCUITRY TO OUTSIDE OF DEMO AREA. PROVIDE JUNCTIONBOX FOR EXTENSION OF CIRCUITRY TO NEW EQUIPMENT AREA. SEE E112 FOR NEW EQUIPMENT LOCATION.

3 DEMO LIGHT FIXTURES IN RED SHADED AREA. DEMOLISH UPSTREAM CIRCUITRY TO OUTSIDE OF DEMO AREA. PROVIDE JUNCTION BOX TO TIE INTO LIGHTING IN NEW EQUIPMENT PLATFORM AREA. SEE E112.



1 EQUIPMENT PLATFORM POWER AND LIGHTING DEMO PLAN
1/8" = 1'-0"

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

Project Number:
24-078.00
WORK ORDER NO.:
G250-SC-11
LDS Prop. Number:
5004685240201

Sheet Title:
EQUIPMENT PLATFORM POWER AND LIGHTING DEMO PLAN

Sheet:
E002

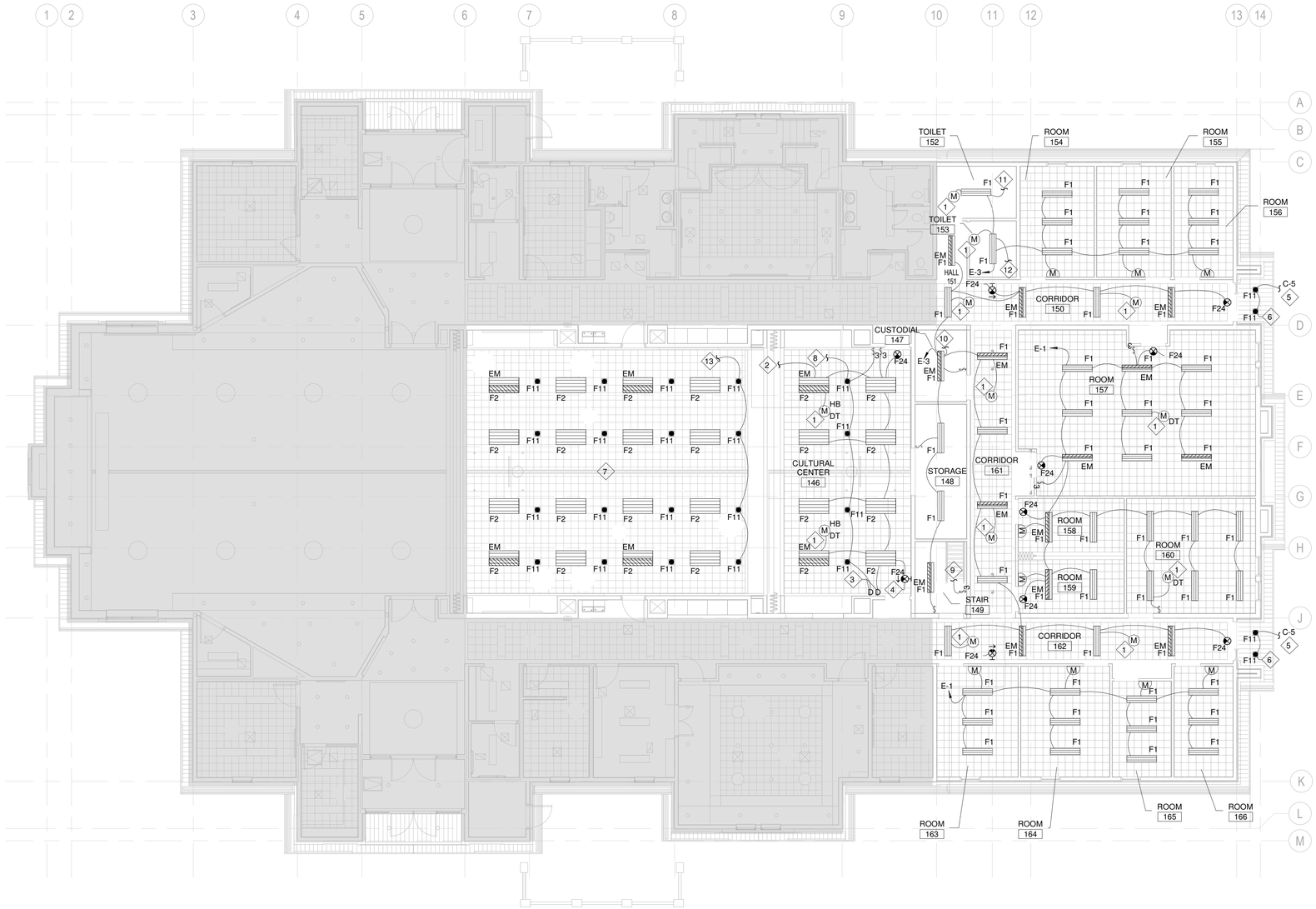
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GENERAL NOTES

1 SEE ME SHEETS FOR ELECTRICAL WORK FOR CONTROLS.
2 EXACT LOCATION OF LIGHT FIXTURES SHALL BE AS SHOWN ON REFLECTED CEILING PLAN SHEET A151.
3 CEILING MOUNTED OCCUPANCY SENSORS SHALL NOT BE INSTALLED WITHIN 6 FEET OF ANY MECHANICAL DIFFUSER.
4 LOWER CASE LETTERS ON OR NEAR FIXTURES INDICATE CONTROLLING SWITCHES. SWITCH LEGS NOT ALWAYS SHOWN.
5 SEE SHEET E601 FOR ELECTRICAL SYMBOLS LEGEND.
6 FOR RECESSED LIGHTING IN HALLWAYS AND RESTROOMS, DO NOT CUT JOISTS. ROTATE FIXTURES IF REQUIRED.

KEYED NOTES

1 PROVIDE SUFFICIENT BOX DEPTH AND CORRECT PLASTER RING TO ACCOMMODATE ACTUAL RELAY UNIT AND OCCUPANCY SENSOR INSTALLED. ALSO PROVIDE PROPER SEPARATION OF 120V AND CLASS 2 WIRING AS NECESSARY IN ACCORDANCE WITH NEC SET SENSITIVITY AND TIME DELAY OF SENSOR AT MAXIMUM.
2 CONNECT TO EXISTING POWER CIRCUITRY FOR 2X4 LIGHTS IN CULTURAL CENTER.
3 3-WAY DIMMER SWITCHES.
4 PROVIDE WIRE GUARD.
5 MAINTAIN OR CONNECT TO EXISTING CONTROLS.
6 PROVIDE A 90 MINUTE REMOTE EMERGENCY LIGHTING UNIT FOR THIS FIXTURE. SEE POWER LAYOUT FOR REMOTE EMERGENCY LIGHTING UNIT LOCATION.
7 EXITING CAN LIGHTS AND TROFFERS IN CULTURAL CENTER TO BE REPLACED WITH SCHEDULED FIXTURES AS NOTED. NEW FIXTURES TO BE FED FROM EXISTING CIRCUITING AND CONTROLED WITH EXISTING CONTROLS.
8 CONNECT TO EXISTING POWER CIRCUITRY FOR RECESSED CAN LIGHTS IN CULTURAL CENTER.
9 CONTINUE TO THREE-WAY SWITCH FOR EQUIPMENT PLATFORM LIGHTING. SEE E112.
10 CONTINUE TO EF-3. SEE E101.
11 CONTINUE TO EF-1. SEE E101.
12 CONTINUE TO EF-2. SEE E101.
13 TIE INTO EXISTING POWER AND CONTROLS FOR F11 FIXTURES.



1 MAIN FLOOR LIGHTING PLAN
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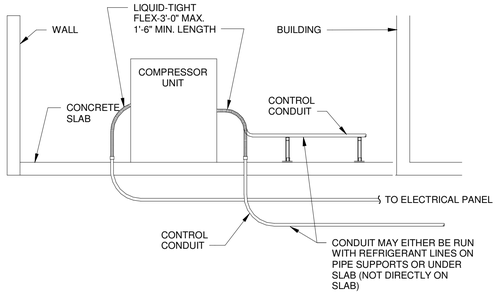
Mark	Description	Date (D-M-Y)

Project Number: 24-078.00
WORK ORDER NO.: G250-SC-11
LDS Prop. Number: 5004685240201

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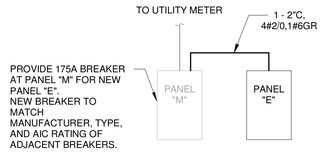
Sheet: E101

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3 COMPRESSOR UNIT CONDUIT DETAIL
NOT TO SCALE

PRIOR TO CONSTRUCTION EC TO PROVIDE ENGINEER WITH A 30 DAY LOAD STUDY IN ACCORDANCE WITH NEC 220.87(1). EQUIPMENT SUBMITTALS WILL NOT BE REVIEWED UNTIL THIS STUDY HAS BEEN PROVIDED.



2 SINGLE LINE DIAGRAM
NOT TO SCALE

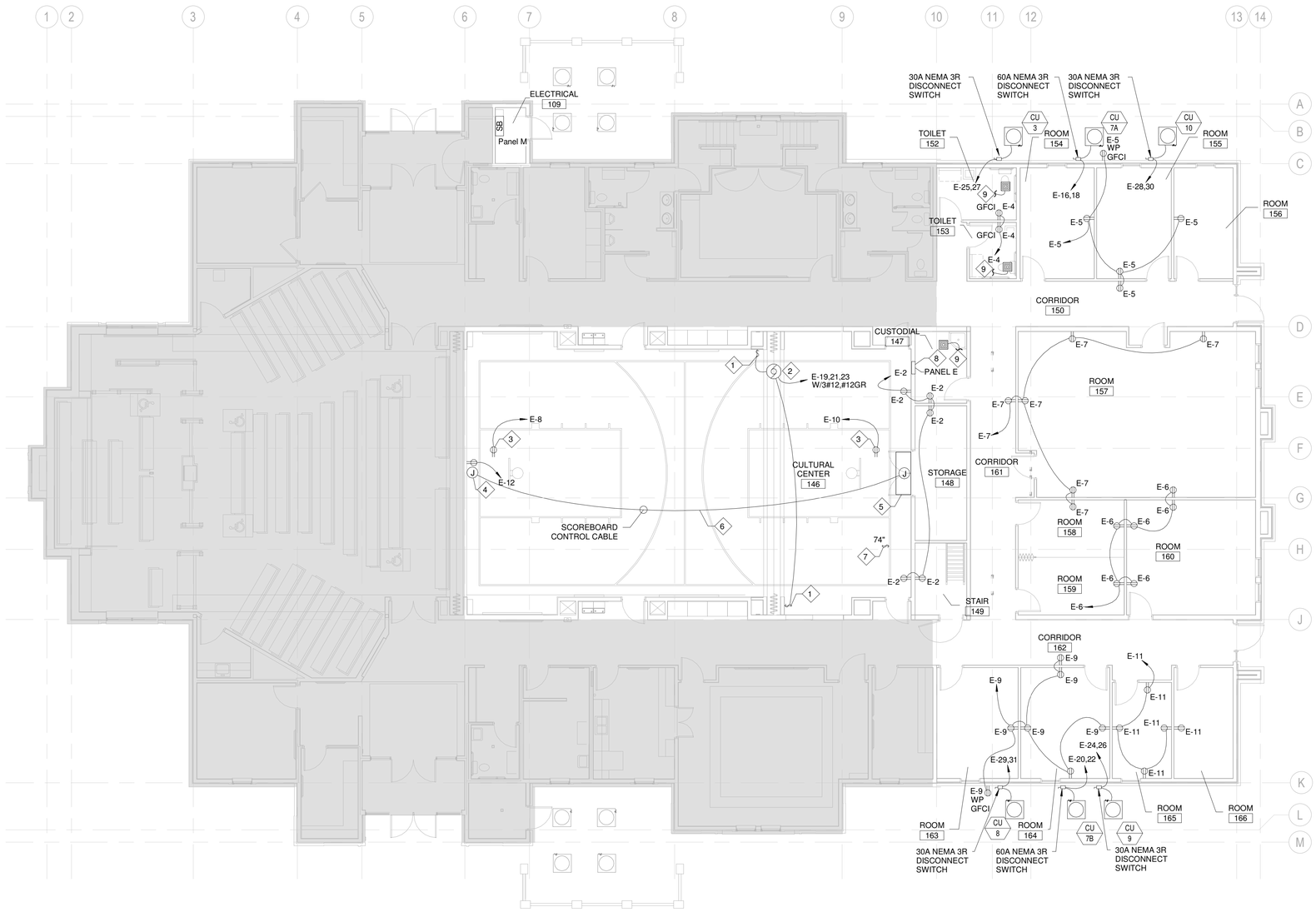
GENERAL NOTES

1 SEE ME AND ET SHEETS FOR REQUIRED RACEWAY AND BOXES FOR TEMPERATURE CONTROL, TELEPHONE, DATA, SOUND, VIDEO, SATELLITE AND TV SYSTEMS.

2 OUTLETS ON EXTERIOR WALLS MUST BE PROVIDED WITH AIR TIGHT J-BOXES. SEAL AROUND ALL PENETRATIONS TO KEEP THE BOX AIR TIGHT.

KEYED NOTES

1 CONTROL SWITCH BY SKYFOLD. PROVIDE INTERCONNECT WIRING TO MOTOR PER MANUFACTURER REQUIREMENTS.
2 PROVIDE CONNECTIONS TO SKYFOLD/RETRACTABLE DOOR PER MANUFACTURER'S REQUIREMENTS INCLUDING ALL CONDUIT, LOW VOLTAGE AND LINE VOLTAGE WIRING REQUIRED TO MAKE SYSTEM OPERATIONAL.
3 LOCATE OUTLET WITHIN FOUR FEET OF MOTOR FOR BASKETBALL STANDARD. MAKE RECEPTACLE CONNECTIONS FOR BASKETBALL STANDARD PER MANUFACTURER REQUIREMENTS.
4 LOCATE CONTROL CABLE BOX NEXT TO DUPLEX RECEPTACLE.
5 CENTER JUNCTION BOX & OUTLET BETWEEN DOORS. COORDINATE MOUNTING HEIGHT WITH ARCH.
6 CABLE SHALL BE COPPER, INSULATED, TWISTED PAIR, STRANDED, 22 GAUGE, SHIELDED, ONE RED CONDUCTOR, ONE BLACK CONDUCTOR, WITH OUTSIDE JACKET.
7 CONTROL SWITCH PROVIDED BY BASKETBALL STANDARD MANUFACTURER.
8 FEED PANEL "E" FROM PANEL "M" IN ELECTRICAL ROOM "109". SEE ONE-LINE DIAGRAM 2/E111.
9 CONTINUE TO LIGHTING CIRCUIT E-3. SEE E111.



1 MAIN FLOOR POWER PLAN
1/8" = 1'-0"

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ADDIATION SPRINGDALE AR STAKE
801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
WORK ORDER NO.: G250-SC-11
LDS Prop. Number: 5004685240201

Sheet Title: MAIN FLOOR POWER PLAN

Sheet: E111

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KEYED NOTES

4 EXTEND CIRCUIT FROM ORIGINAL LOCATION SHOWN ON E114 TO NEW LOCATION SHOWN HERE.

5 CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUIT FROM DEMO OF OLD EQUIPMENT PLATFORM.

6 CONTINUE TO THREE-WAY SWITCH AT BOTTOM OF STAIRS. SEE E101

7 PANEL C, CONTROL RELAY PANEL, AND TIMECLOCK RELOCATED FROM DEMOLISHED PLATFORM AREA. SEE 1/E114.

8 COORDINATE SWITCH LOCATION IN FIELD.



1 EQUIPMENT PLATFORM POWER AND LIGHTING PLAN
1/8" = 1'-0"

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G250-SC-11
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5004685240201

Sheet Title:
EQUIPMENT PLATFORM POWER AND LIGHTING PLAN

Sheet:
E112

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Energy Recovery Units Circuiting Schedule

Load Name	# of Runs	Wire Size	Wire Type	Breaker Rating	Apparent Load
ERV-3	1	3-#10	Cu THHN	25 A	2231 VA

Exhaust Fan Circuiting Schedule

Load Name	Watts	# of Runs	Wire Size	Wire Type	Breaker Rating	Comments
LTS - ROOMS 147-150,152-156,162, EF-1,2,3	262	1	3-#12	Cu THHN	20 A	EXHAUST FANS CIRCUITED AND CONTROLLED WITH LIGHTING IN EACH ROOM WHERE EXHAUST FANS ARE INSTALLED.

Electrical Device Schedule

Description	Manufacturer	Model	Count
			7
20 A GFCI protected receptacle	Hubbell	GFR8300H	3
20 A Tamper-proof Duplex receptacle	Cooper	TR5362W	39
20 A Wall Switch	Cooper	CSB320	2
Automatic Door Operating Switch	Cooper	CSB320	1
Automatic Door Operator	Refer to Specifications		1
Scoreboard Junction Box	Refer to Specifications		2

Lighting Device Schedule

Description	Manufacturer	Model	Count
20 A Single Pole Dimmer Switch	Refer to Specifications		2
20 A Single Pole Light Switch	Refer to Specifications		4
20 A Three Way Light Switch	Refer to Specifications		6
Dual technology ceiling mounted occupancy sensor with override switch	Wattstopper or Leviton equivalent	DT-355	12
Dual technology wall mounted occupancy sensor	Wattstopper or Leviton equivalent	DW-100	9

Compressor Unit Circuiting Schedule

Load Name	Wire Size	Wire Type	Breaker Rating	Apparent Current
CU-3	2#10,1#10 GR	Cu THHN	25 A	17 A
CU-7A	2#8,1#10 GR	Cu THHN	40 A	25 A
CU-7B	2#8,1#10 GR	Cu THHN	40 A	25 A
CU-8	2#10,1#10 GR	Cu THHN	25 A	17 A
CU-9	2#10,1#10 GR	Cu THHN	25 A	17 A
CU-10	2#10,1#10 GR	Cu THHN	25 A	17 A

BRANCH PANEL E

Location: CUSTODIAL 147
Supply From: PANEL M
Mounting: RECESSED
Enclosure: NEMA 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 A
Mains Type: MLO
Mains Rating: 200 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
E-1	LTS - ROOMS 157-160	20 A	1	1240...	900 VA					1	20 A	RCPTS - ROOM 149	E-2
E-3	LTS - ROOMS 147-150,152-156,162, EF-1,2,3	20 A	1			1386...	360 VA			1	20 A	RCPTS - ROOMS 152,153	E-4
E-5	RCPT - ROOMS 154-156	20 A	1					900 VA	1080...	1	20 A	RCPT - ROOMS 157(PART),158(PART),159,160	E-6
E-7	RCPT - ROOM 157	20 A	1	1080...	1150...					1	20 A	RCPT - BBALL STANDARD EAST	E-8
E-9	RCPT - ROOMS 163,164	20 A	1			1260...	1150...			1	20 A	RCPT - BBALL STANDARD WEST	E-10
E-11	RCPT - ROOMS 165,166	20 A	1					900 VA	180 VA	1	20 A	RCPT - SCOREBOARD	E-12
E-13	F-10	15 A	1	0 VA	540 VA					1	20 A	EQUIPMENT PLATFORM MECH. RECEPTACLES	E-14
E-15	F-9	15 A	1			0 VA	2600...			2	40 A	CU-7A	E-16
E-17	ERV-3	25 A	1					2231...	2600...				E-18
E-19	SKYFOLD DOOR	20 A	3	1 VA	2600...					2	40 A	CU-7B	E-20
E-21						1 VA	2600...						E-22
E-23								1 VA	1768...	2	25 A	CU-9	E-24
E-25	CU-3	25 A	2	1768...	1768...								E-26
E-27						1768...	1768...			2	25 A	CU-10	E-28
E-29	CU-8	25 A	2					1768...	1768...				E-30
E-31				1768...	0 VA					1	20 A	Spare	E-32
E-33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	E-34
E-35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	E-36
E-37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	E-38
E-39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	E-40
E-41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	E-42
			Total Load:	12815 VA		12893 VA		13196 VA					
			Total Amps:	107 A		108 A		110 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	2 VA	100.00%	2 VA		
Motor	2233 VA	100.00%	2233 VA	**Total Conn. Load:**	38903 VA
Other	2362 VA	100.00%	2362 VA	**Total Est. Demand:**	38903 VA
Power	0 VA	0.00%	0 VA	**Total Conn. Current:**	108 A
				Total Est. Demand Current:	108 A

Notes:

Electrical Symbols Legend

NOTE: ALL SYMBOLS MAY NOT BE USED

S	Wall Switch
S3	Three-Way Wall Switch
S4	Four-Way Wall Switch
SDT	Digital Time Switch
SF	Motor Fan Switch
SM	Momentary Switch
SP	Pilot Switch
D	Dimmer Switch
	Duplex 20 A Receptacle
	Switched Duplex Receptacle
EWC GFCI	Electric Water Cooler GFCI Protected Receptacle
F	Flush Floor Fire Poke Through With Data Outlet
GFCI	Duplex 20 A GFCI Protected Receptacle
R	Range Receptacle
T	Duplex 20 A Tamper Proof Receptacle
WP GFCI	Duplex 20 A Weather Proof Receptacle. Provide a GFCI outlet and while in-use cover.
	Special Purpose Outlet. Provide per equipment manufacturer requirements.
	4" x 4" x 2-1/8" deep flush j-box with single gang mudring, 3/4" conduit to service entrance.
J	4" x 4" x 2-1/8" deep flush j-box with mudring to match application
M	Dual Technology Wall Mounted Occupancy Sensor
M	Dual Technology Ceiling Mounted Occupancy Sensor
MDT	Dual Technology Ceiling Mounted Occupancy Sensor With Override Switch
HB MDT	High Bay, Dual Technology Ceiling Mounted Occupancy Sensor (rated up to 25' mounting height minimum)
	Electric Motor
EF 1	Mechanical Equipment Symbol
	Disconnect Switch
	Panelboard
	Branch Circuit Concealed in Ceiling, Wall or Floor
A-1	Circuit Homerun to Panel
?	Reference Note Callout
P	Photocell
	Fixture With Emergency Battery Pack
F2	Fixture Type
	Combination Starter Disconnect

Lighting Fixture Symbols

	F1
	F2
	F3
	F4
	F5
	F6
	F7
	F8
	F10
	F11
	F12
	F13
	F14
	F15
	F16
	F17
	F18
	F19
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	F21
	F22
	F23
	F24
	F25

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

Project Number: 24-078.00
WORK ORDER NO.: G250-SC-11
LDS Prop. Number: 5004685240201

Sheet Title: SCHEDULES & SYMBOLS

Sheet: E601

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LIGHTING FIXTURE SCHEDULE

Type Mark	Description	Lamp	Initial Color Temperature	Electrical Data	Manufacturer1	Model1	Manufacturer2	Model2	Manufacturer3	Model3	Manufacturer4	Model4	Manufacturer5	Model5	Manufacturer6	Model6	Manufacturer7	Model7	Manufacturer8	Model8
F1	1'x4' RECESSED MOUNTED FLAT LED PANEL.	40W LED	3500 K	120 V/1-40 VA	DAY-BRITE	1-FXP-38L-835-4-DS-UNV-DIM-FM A14FP	METALUX	FPX-DF-14W-U	HE WILLIAMS	BP-1-4-LS-8-CS-DFK-124 8W	LSI	SFP14-LED-40-UE-DIM-35 -642793	EELP	VLFP6-B-14-40L-QT-35/VLFP6-B-DWK14	COLUMBIA	CFP14-4035/FK-14	MERCURY	MP15-1-17-OCT-A-ELBS-UNI-LBF	SYLVANIA	60307/70132
F2	0.14 THICK ACRI-TUF LENS. 2'x4' SURFACE MOUNTED LOW PROFILE TROFFER WITH STEEL HOUSING.	65W LED	3500 K	120 V/1-65 VA	DAY-BRITE	2SML-74L-835-4-FS-19F-UNV-DIM	METALUX	24GR-LD5-72-A19/156-UNV-EL14W-L835-CD1-U-SK-W	HE WILLIAMS	12-4-L84/835-FAF 12140-(L72)-DIM-UNV -A2-MVOLT-SP	PACO LTG	PUSU-R-24-LED-50-35-S1-A2-MVOLT-SP	LITHONIA	2TLX4-72L-FW-A19-EZ1-LP8 35-ILB-CP12-X	COLUMBIA	LJT24-35VLSM-FSA19-ED1U 0-ED1U-ELL14				
F5	4' SINGLE LAMP STRIP LIGHT. SURFACE OR CHAIN SUSPENDED. WITH WIRE GUARD.	50W LED	3500 K	120 V/1-28 VA	DAY-BRITE	FSS430L835-UNV-DIM / FSSWG4	METALUX	4SNX-37SL-LW-UNV-L835-CD1-U-WG-SNX/SN-4FT-BAYC-CHAIN/SET-U	HE WILLIAMS	76-4-L53/835-WG-7614 -DIM-UNV	LSI	SDL4-LED-30L-FL-UNV DIM1-35K-80CRI	LITHONIA	CSS L48 ALO3 MVOLT SWW3 80CRI	COLUMBIA	MPS4-35VW-FW-EDU CSHC		LNS-4FT-25-T1-F-G2/WIREGUARD		
F11	8" APERTURE DOWNLIGHT WITH WHITE TRIM. DAMP LOCATION RATED.	27W LED 2000 LM	4000 K	120 V/1-30 VA	GE	LRXR818840MD	PEACHTREE	8BLRD-25-35K-80-SH-TRW-120	SPECTRUM	RDF08LEDXT 30L 40K-MD EX BH27 RD8FXT SG	ELCO	E8LF-U-20-D/E810L-2040 W	LITON	CH828UE-D10 CR8L22SW-T30	HALO	PR820D010 PR8M34MDMW				
F24	EXIT SIGN	5W LED		120 V/1-1 VA	COMPASS	CEG	EVENLITE	TLX-EM-GU-W	HE WILLIAMS	EXIT-G-EM-WHT-D	LSI	EMS-G-WB-WH	ISOLATE	RL-EM-G-WH-(WG2)	CHLORIDE	VEGWEM	LIFE SAFETY LIGHTING	LSX2GWEM/LSCS-1	SYLVANIA	60762

"I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire Prevention Code for the State of Arkansas."

Architect / Engineer:

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cburdette@cfaa.com
479-636-5004
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1805 N 2ND ST
ROGERS, AR 72756
JOB NO.: 33525
DESIGNED BY: MJC

Stamp:

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21009
CLIFTON P. BURDETTE

05/12/2025

NEW-MEETING HOUSE & PARKING
ADDITION PRAIRIE GROVE AR MN
ADDIATION SPRINGDALE AR STAKE

801 WEST BUCHANAN STREET
PRAIRIE GROVE, AR 72753

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

Mark	Date (D-MM-Y)	Description

Project Number:
24-078.00

WORK ORDER NO.:
G250-SC-11

LDS Prop. Number:
5004685240201

Sheet Title:
LIGHTING FIXTURE SCHEDULE

Sheet:
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Interior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: LDS PRAIRIE GROVE
Project Type: Addition

Construction Site:
801 WEST BUCHANAN STREET
PRAIRIE GROVE, Arkansas 72753

Owner/Agent:

Designer/Contractor:
CLIFTON P. BURDETTE
SUITE 2207, 1805 N 2ND ST
ROGERS, Arkansas 72756
479-636-5004

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
ADDITION INTERIOR (Religious Building)	5577	1.3	7250
ADDITION EXTERIOR (Religious Building)	47	1.3	61
		Total Allowed Watts =	7311

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
ADDITION INTERIOR (Religious Building, 5577 sq.ft.)				
LED: F1: 1'x4' RECESSED MOUNTED FLAT LED: Other:	1	59	40	2360
LED: F2: 0.14 THICK ACRI-TUF LENS. 2'x4': Other:	1	24	65	1560
LED: F5: 4' SINGLE LAMP STRIP LIGHT. SUR: Other:	1	10	50	500
LED: F11: 8" APERTURE DOWNLIGHT WITH WHIT: Other:	1	26	27	702
LED: F24: EXIT SIGN: Other:	1	7	5	35
ADDITION EXTERIOR (Religious Building, 47 sq.ft.)				
			Total Proposed Watts =	5157

Section 4: Requirements Checklist

Interior Lighting PASSES: Design 29% better than code.

Lighting Wattage:

❑ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
7311	5157	YES

Controls, Switching, and Wiring:

❑ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.

❑ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.

Exceptions:

❑ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.

❑ Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.

❑ 4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

❑ Areas designated as security or emergency areas that must be continuously illuminated.

❑ Lighting in stairways or corridors that are elements of the means of egress.

❑ 5. Master switch at entry to hotel/motel guest room.

❑ 6. Individual dwelling units separately metered.

❑ 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.

❑ 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

Exceptions:

❑ Only one luminaire in space.

❑ An occupant-sensing device controls the area.

❑ The area is a corridor, storeroom, restroom, public lobby or sleeping unit.

❑ Areas that use less than 0.6 Watts/sq.ft.

❑ 9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

Exceptions:

❑ Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.

❑ 10. Photocell/astronomical time switch on exterior lights.

Exceptions:

❑ Lighting intended for 24 hour use.

❑ 11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

Exceptions:

❑ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COM*check-Web* and to comply with the mandatory requirements in the Requirements Checklist.

CLIFTON. P. BURDETTE P.E.
Name - Title | Signature | Date

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Exterior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: LDS PRAIRIE GROVE
Project Type: Addition
Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Construction Site:
801 WEST BUCHANAN STREET
PRAIRIE GROVE, Arkansas 72753

Owner/Agent:

Designer/Contractor:
CLIFTON P. BURDETTE
SUITE 2207, 1805 N 2ND ST
ROGERS, Arkansas 72756
479-636-5004

Section 2: Exterior Lighting Area/Surface Power Calculation

A Exterior Area/Surface	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B x C)	F Proposed Watts
ADDITION REAR ENTRY (Entry canopy)	45 ft2	0.25	Yes	11	140
			Total Tradable Watts* =	11	140
			Total Allowed Watts =	11	
			Total Allowed Supplemental Watts** =	600	

* Wattage tradeoffs are only allowed between tradable areas/surfaces.
** A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Section 3: Exterior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
ADDITION REAR ENTRY (Entry canopy, 45 ft2): Tradable Wattage				
LED: F11: 8" APERTURE DOWNLIGHT WITH WHIT: Other:	1	4	35	140
			Total Tradable Proposed Watts =	140

Section 4: Requirements Checklist

Lighting Wattage:

❑ 1. Within each non-tradable area/surface, total proposed watts must be less than or equal to total allowed watts. Across all tradable areas/ surfaces, total proposed watts must be less than or equal to total allowed watts.
Compliance: Passes using supplemental allowance watts.

Controls, Switching, and Wiring:

❑ 2. All exemption claims are associated with fixtures that have a control device independent of the control of the nonexempt lighting.

❑ 3. Lighting not designated for dusk-to-dawn operation is controlled by either a photosensor (with time switch), or an astronomical time switch.

❑ 4. Lighting designated for dusk-to-dawn operation is controlled by an astronomical time switch or photosensor.

❑ 5. All time switches are capable of retaining programming and the time setting during loss of power for a period of at least 10 hours.

Exterior Lighting Efficacy:

❑ 6. All exterior building grounds luminaires that operate at greater than 100W have minimum efficacy of 60 lumen/watt.

Exceptions:

❑ Lighting that has been claimed as exempt and is identified as such in Section 3 table above.

❑ Lighting that is specifically designated as required by a health or life safety statue, ordinance, or regulation.

❑ Emergency lighting that is automatically off during normal building operation.

❑ Lighting that is controlled by motion sensor.

Exterior Lighting PASSES: Design 77% better than code.

Section 5: Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COM*check-Web* and to comply with the mandatory requirements in the Requirements Checklist.

CLIFTON. P. BURDETTE P.E.
Name - Title | Signature | Date

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Architect / Engineer:
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STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21009
CLIFTON P. BURDETTE
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Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

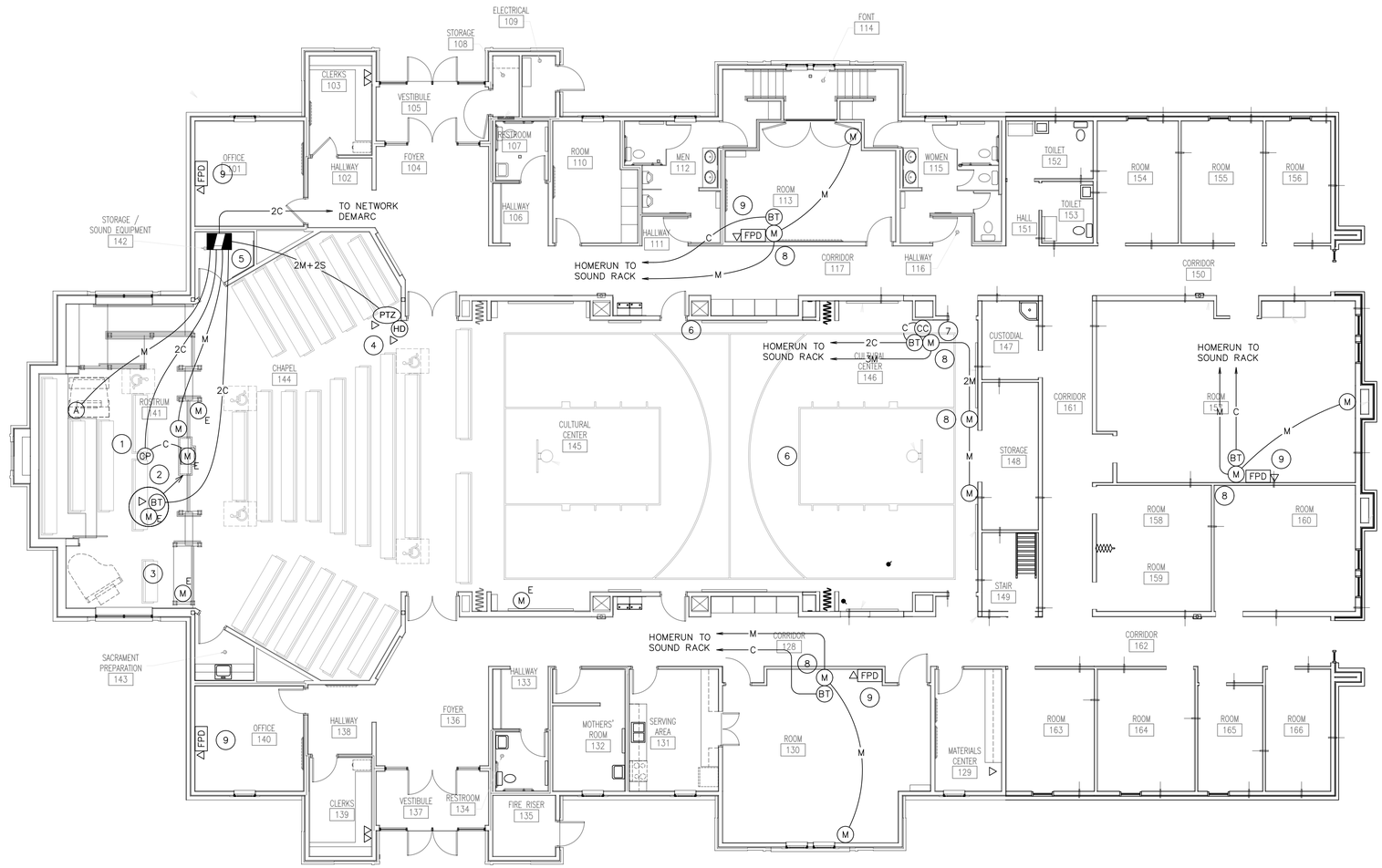
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Project Number:
24-078.00
WORK ORDER NO.:
G250-SC-11
LDS Prop. Number:
5004685240201

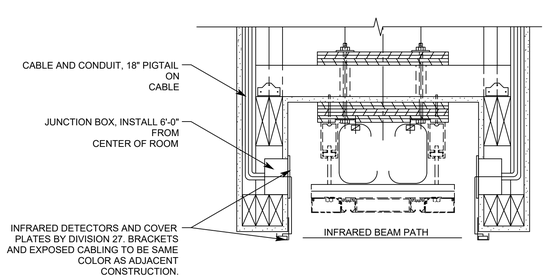
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Sheet:
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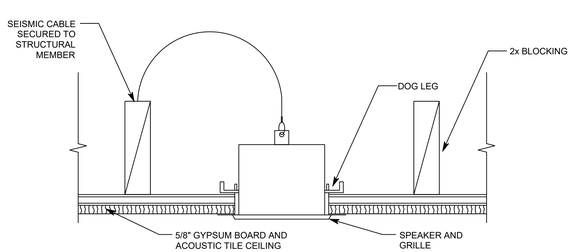
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1 AV ROUGH-IN FLOOR PLAN
1/8" = 1'-0"



HEADER DETAIL
NO SCALE



SPEAKER SEISMIC DETAIL
NO SCALE

GENERAL NOTES:

RECORD DRAWINGS

A. NO CHANGES SHALL BE MADE WITHOUT THE PROJECT SOUND/ACOUSTICAL/STRUCTURED CABLING CONSULTANT'S WRITTEN CONSENT.

B. "ET" SHEETS SHOW WORK AND MATERIALS BY DIVISION 26 AND DIVISION 27. SEE SPECIFICATIONS AND DRAWING NOTES TO DETERMINE RESPONSIBILITY FOR EACH ITEM.

C. REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT LIST.

D. CONDUIT SHALL BE RUN FROM J-BOX AND STUBBED TO ACCESSIBLE CEILING SPACE. CONDUIT IS REQUIRED IN INACCESSIBLE PARTS OF BUILDING. ADD CONDUIT WITH FIRE-STOP MASTIC THROUGH FIRE RATED PARTITIONS ABOVE CEILING. PROVIDE CONDUIT IF SPECIFICALLY DIRECTED BY LOCAL CODES, WITH A MINIMUM SIZE OF 3/4". DEBUR CONDUIT AND PROVIDE BUSHINGS ON ALL CONDUIT STUBS.

E. INSTALL DIFFERENT CABLE TYPES IN SEPARATE CONDUITS. SEPARATE CONDUITS BY AT LEAST 12", REQUIRED FOR 'M', 'C' AND 'S' CABLES.

F. ALL AV WIRING SHALL BE RUN BY AV CONTRACTOR AND SHALL BE ROUTED AS SHOWN ON DRAWINGS, UNLESS NOTED, WITH CABLES AS SPECIFIED. CABLE SHALL BE CONTINUOUS WITHOUT SPLICES. EXISTING CABLE IS NOT SHOWN AND MAY BE REUSED IF SAME TYPE AND IN GOOD CONDITION. CABLE CERTIFICATION SUBMITTAL IS REQUIRED.

G. ALL AV WIRING SHALL BE IN CONDUIT INSIDE INTERIOR WALLS AND FREEWIRE ABOVE CEILING.

H. SPEAKER TRIM RINGS AND/OR TILE BRIDGES ARE FURNISHED BY DIVISION 27 AND INSTALLED BY DIVISION 26. DIVISION 26 SHALL FURNISH AND INSTALL SEISMIC RESTRAINT CABLE TO ALL SPEAKER BACKBOXES. DIVISION 27 SHALL ATTACH SEISMIC RESTRAINT TO SPEAKERS.

I. PRIOR TO CONSTRUCTION, AV CONTRACTOR TO REMOVE AND SECURELY STORE EXISTING AV AND NETWORK DEVICES IN AREAS OF EXISTING BUILDING AFFECTED BY CONSTRUCTION. AV CONTRACTOR TO REMOVE AND BLANK ALL UNUSED AV DEVICES.

KEYED NOTES:

1. REMOVE AND REPLACE CONTROL PEDESTAL. INSTALL 'CP' ON NEW PEDESTAL.
2. REPLACE 'M' INSIDE PULPIT BODY. REPLACE PULPIT MICROPHONE WITH TIP OF MICROPHONE WITHIN 2" OF PULPIT EDGE. REMOVE EXISTING DEVICES AND INSTALL NEW DEVICES ON PULPIT SIDE. INSTALL 'M' ON OPPOSITE SIDE. HOMERUN 'C' TO SOUND RACK FOR PULPIT UP/DOWN CONTROL.
3. REPLACE SACRAMENT MICROPHONE, CENTERED ON TABLE AND WITHIN 2" OF TABLE TOP. CONNECT TO MICROPHONE INPUT.
4. INSTALL WALL MOUNT CAMERA AT 9' AFF. COORDINATE EXACT LOCATION WITH OWNER. PROVIDE POWER FROM RACK. INSTALL NETWORK JACK ADJACENT TO CAMERA. CONNECT NETWORK AND AUDIO FEED TO CAMERA. CONNECT HDMI CABLE TO CAMERA AND RUN IN-WALL TO 'HD' BELOW, WITH NETWORK JACK ADJACENT, AT OUTLET HEIGHT.
5. REUSE EXISTING SOUND EQUIPMENT CABINET. RELOCATE NETWORK EQUIPMENT TO EXISTING CABINET. DRESS AND LABEL NETWORK CABLING, TERMINATE TO NEW PATCH PANEL AND CROSS CONNECT TO NETWORK EQUIPMENT.
6. REMOVE EXISTING DEVICE AND CABLE PRIOR TO DEMOLITION.
7. INSTALL 'CC' CONTROL AT 5' AFF. INSTALL 'BT' AT SWITCH HEIGHT AND 'M' AT OUTLET HEIGHT.
8. LOOP CABLES THROUGH J-BOX. DO NOT CUT. TYPICAL.
9. INSTALL OWNER PROVIDED TV. INSTALL 'N' BEHIND TV. INSTALL HDMI INPUT IN SINGLE GANG BOX BELOW AT OUTLET HEIGHT AND RUN HDMI CABLE IN 1-1/2" CONDUIT TO FPD. ELECTRICAL CONTRACTOR TO INSTALL POWER BEHIND TV. COORDINATE EXACT LOCATION WITH OWNER.
10. TYPICAL OF SHEET ET101 & 102: INSTALL NETWORK JACK AT EACH 'N' AND 'WAP' LOCATION. FOR EACH JACK, HOMERUN ONE CAT6 TO NETWORK EQUIPMENT CABINET. INSTALL MATERIALS JACK ADJACENT TO COPIER. INSTALL A NETWORK JACK IN EACH MECHANICAL ROOM. TERMINATE EACH CABLE TO PATCH PANEL IN CABINET AND CROSS CONNECT TO NETWORK EQUIPMENT.

CERTIFICATE OF AUTHORITY ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY ENGINEERING: 1078

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NEW - MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MH ADDITION
SPRINGDALE AR STAKE

801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

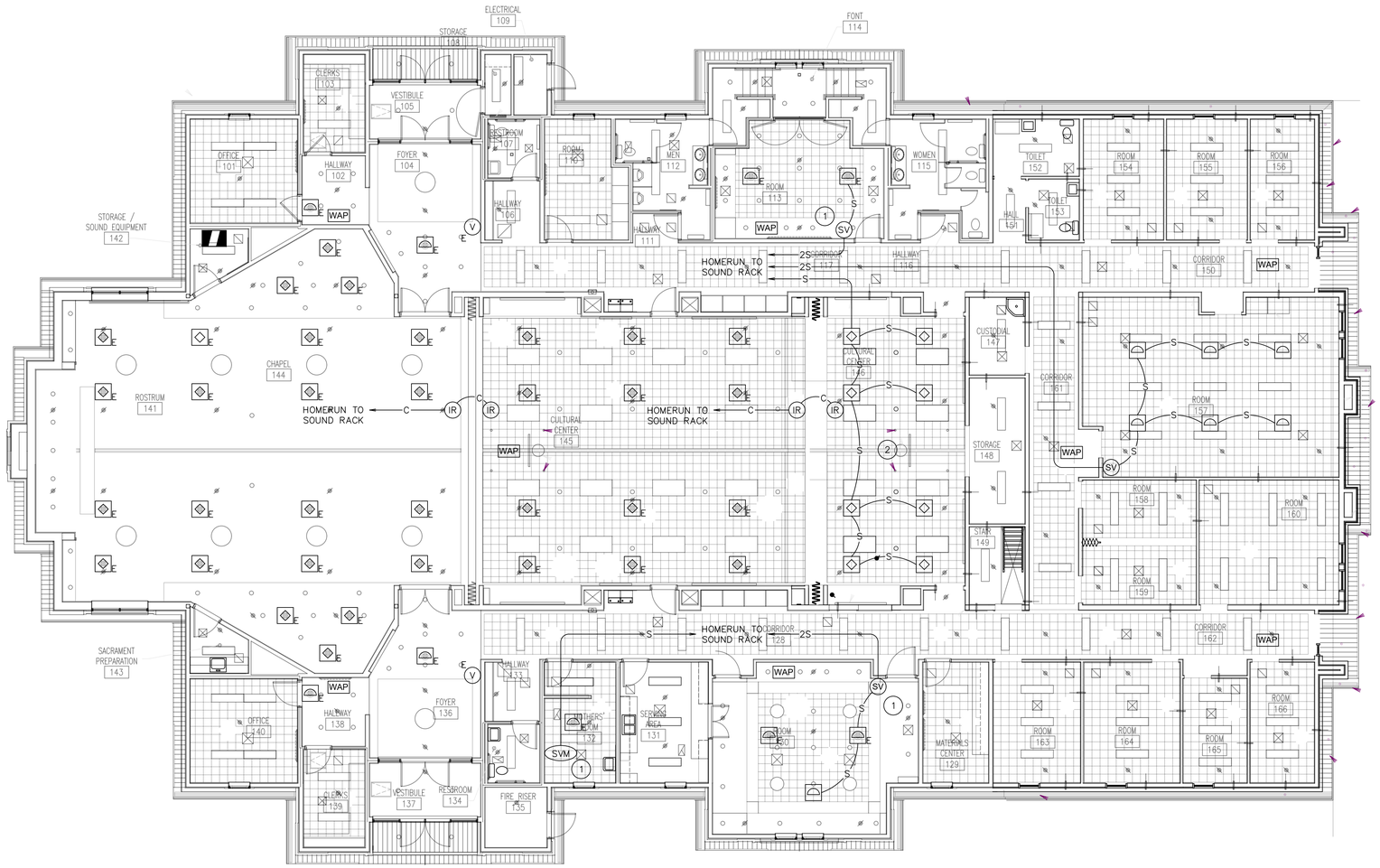
GHN Project Number: 24-078.00
Work Order No.: -
LDS Prop. No.: 5004685240201

Sheet Title: AV ROUGH-IN FLOOR PLAN

JULY 24, 2025

Sheet: ET101

consultants in acoustics, noise control, IT electronic media system design
dickensheets DESIGN ASSOCIATES
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1 AV ROUGH-IN CEILING PLAN
1/8" = 1'-0"

KEYED NOTES:

1. REMOVE EXISTING DEVICE. INSTALL NEW DEVICE IN SAME LOCATION. EXPAND BOX SIZE AS REQUIRED.
2. MATCH MAKE AND MODEL OF NEW 6" SPEAKERS IN CULTURAL CENTER ZONE 1 WITH EXISTING 6" SPEAKERS IN CHAPEL AND CULTURAL CENTER ZONE 2.

RECORD DRAWINGS

ELECTRICAL EQUIPMENT LIST

SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES/NOTES
	SOUND EQUIPMENT CABINET	0	REUSE EXISTING
FPD	3" DEEP SINGLE GANG BOX MOUNTED AT OUTLET HEIGHT WITH RACEWAY IN WALL FROM BOX TO AREA BEHIND TV.	A/R	POWER BEHIND TV BY ELECTRICAL CONTRACTOR
BT ▷ M	3" DEEP, 4-GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT	A/R	
CP	CONTROL PEDESTAL STUB CONDUITS THROUGH FLOOR	A/R	
CC	3" DEEP, SINGLE GANG BOX MOUNTED AT +5'-0" ABOVE FLOOR	A/R	MOUNT BOX HORIZONTALLY
M	3" DEEP, SINGLE GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT, OR AS NOTED	A/R	
A	3" DEEP, SINGLE GANG BOX MOUNTED IN STEP BEHIND ORGAN	A/R	
HD	3" DEEP, SINGLE GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT	A/R	
▷	3" DEEP, SINGLE GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT, OR AS NOTED	A/R	
SV SVM	3" DEEP, DOUBLE GANG BOX MOUNTED AT ELECTRICAL SWITCH HEIGHT	A/R	
BT	3" DEEP, DOUBLE GANG BOX MOUNTED AT ELECTRICAL SWITCH HEIGHT	A/R	
V	3" DEEP, SINGLE GANG BOX MOUNTED AT ELECTRICAL SWITCH HEIGHT	A/R	
IR	3" DEEP, SINGLE GANG BOX MOUNTED TO HEADER	A/R	SEE DETAIL
WAP	3" DEEP, SINGLE GANG BOX MOUNTED IN CEILING	A/R	
E	SPEAKER, 4" EXISTING ENCLOSURE	A/R	DO NOT DISTURB
	SPEAKER, 4" ENCLOSURE	OFP	FURNISHED BY DIVISION 27 INSTALLED BY DIVISION 26
E	SPEAKER, 6" EXISTING	OFP	DO NOT DISTURB
	SPEAKER, 6" MOUNTING RING	OFP	FURNISHED BY DIVISION 27 INSTALLED BY DIVISION 26

OFP = OBTAIN FROM PLANS.
A/R = AS REQUIRED PER DRAWINGS.
E = EXISTING DEVICE TO BE REUSED. DO NOT DISTURB.

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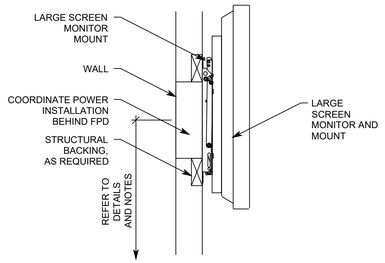
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GHN Project Number: 24-078.00
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Sheet Title: AV ROUGH-IN CEILING PLAN

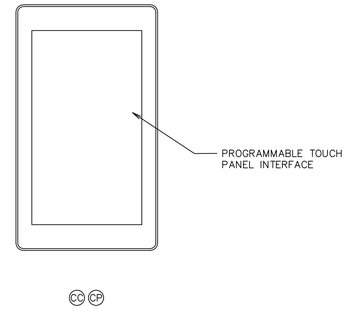
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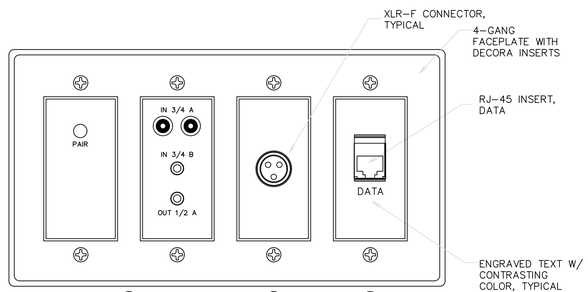


1 WALL MOUNTED FLAT PANEL DISPLAY
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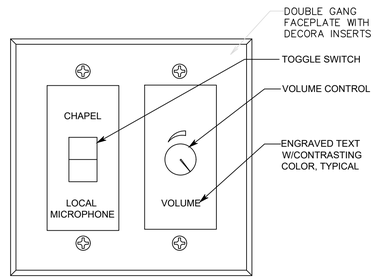
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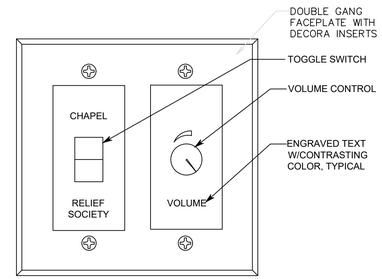
2 CONTROL PANEL DETAILS
NO SCALE



3 PULPIT CONNECTION DETAILS
NO SCALE



4 SOURCE VOLUME CONTROL 'SV'
NO SCALE



5 MOTHERS ROOM CONTROL 'SVM'
NO SCALE

RECORD DRAWINGS

CERTIFICATE OF AUTHORITY
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NEW - MEETINGHOUSE & PARKING ADDITION
PRAIRIE GROVE AR MH ADDITION
SPRINGDALE AR STAKE

801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number:
24-078.00
Work Order No.:
-
LDS Prop. No.:
5004685240201

Sheet Title:
AV SYSTEM DETAILS

JULY 24, 2025

Sheet:
TA501

consultants in acoustics, noise control, IT electronic media system design
dickensheets
DESIGN ASSOCIATES
www.dickensheets.com
10919 conchos trail suite 100 austin, texas 78726 ph 512.331.8977

AUDIO SYSTEM EQUIPMENT LIST

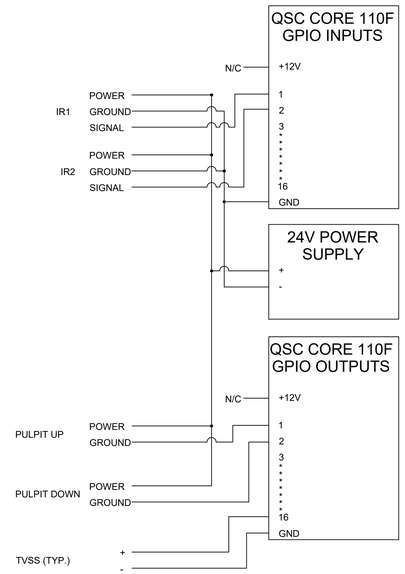
SYM	DESCRIPTION	QTY	ACCEPTABLE TYPES
PTZ	CAMERA, PTZ	1	CLEARTOUCH RL500, WHITE W/ WALL MOUNT
FPD	OWNER PROVIDED WALL MOUNT AND FLAT PANEL DISPLAY	OFP	OWNER PROVIDED CONTRACTOR INSTALLED
	HDMI INPUT PLATE	OFP	EMTECH MSV-H W/ HDMI HIGH SPEED CABLE
CP	CHAPEL CONTROL PEDESTAL PLATE	OFP	QSC TSC-50-G3 W/ 3-GANG $\frac{1}{16}$" BLACK ANODIZED MOUNTING PLATE APPROVED ALTERNATE
	CHAPEL CONTROL PEDESTAL	1	MICHAEL SEITER & CO. CP5316720-FINISH COORDINATE FINISH WITH ARCHITECT
CC	CULTURAL CENTER REMOTE CONTROL	OFP	QSC TSC-50-G3 APPROVED ALTERNATE
	LOCKING WALL COVER	1	FSR WB-TSC-SM-7
BT	BLUETOOTH RECEIVER AND LINE LEVEL IN/OUT CONNECTION	OFP	QSC ATTERO TECH unD6IO-BT RDL DD-BTN44
SV	SOURCE CONTROLLER WITH VOLUME	OFP	EMTECH MSC-S W/ MSC-V35/V100
SVM	MOTHERS SOURCE CONTROLLER WITH VOLUME	OFP	EMTECH MSC-S W/ MSC-V35 W/ SPECIAL LABELING
V	VOLUME CONTROL	OFP	EMTECH MSC-V10 OR V35 DEPENDING ON LOAD
▷	DATA OUTLET WITH FACE PLATE	OFP	EMTECH MSC-RJ APPROVED ALTERNATE
M	MICROPHONE INPUT MODULE	OFP	EMTECH MSC-M
HD	HDMI MODULE	OFP	EMTECH MSV-H W/ HIGH SPEED CABLE
A	ORGAN JACK	OFP	CABLE MOUNTED XLR
	HIGH IMPACT NYLON COVER PLATES FOR ALL DECORA STYLE AV MODULES, NUMBER OF GANGS AS REQUIRED. COLORS TO MATCH NEARBY ELECTRICAL DEVICES	OFP	HUBBELL OR LEVITON
E	4" LOUDSPEAKER	OFP	ATLAS IED FC104T
	LOUDSPEAKER GRILLE	OFP	ATLAS IED T720-4BT
	4" LOUDSPEAKER ASSEMBLY	OFP	ATLAS IED FC104T W/ E410-11 & T720-4
E	6" LOUDSPEAKER (MATCH EXISTING)	OFP	ATLAS IED FA136T87
		OFP	JBL CONTROL 26CT
	6" LOUDSPEAKER ASSEMBLY (MATCH EXISTING)	OFP	ATLAS IED FA136T87 W/ FA97-6 / FA720-6 / FA-TR6
		OFP	JBL CONTROL 26CT W/ MTC-26NC
	50'-0" MICROPHONE EXTENSION CABLES W/ BLACK CONNECTORS	1	CONQUEST B84-50 WHIRLWIND MK450
	25'-0" MICROPHONE EXTENSION CABLES W/ BLACK CONNECTORS	2	CONQUEST B84-25 WHIRLWIND MK425
	MICROPHONE, GENERAL USE	3	AUDIO-TECHNICA ATM610AS AKG D5S
	MICROPHONE, CHAPEL PULPIT	1	AUDIO-TECHNICA ES905CLA
	MICROPHONE, SACRAMENT TABLE	1	IVIE IM-10
	MICROPHONE, GOOSENECK. INSTALL ON PRIMARY ROOM PULPIT WITH METAL PLATE-MOUNTED FEMALE XLR WIRED TO MALE XLR INSIDE PULPIT IN WIREMOLD BOX.	1	AUDIO TECHNICA U855QL W/ CABLE, JUNCTION BOX, AND CONNECTION PLATES
	10'-0" MICROPHONE EXTENSION CABLE W/ BLACK CONNECTORS	1	CONQUEST B84-10 WHIRLWIND MK410
	15'-0" MICROPHONE EXTENSION CABLE W/ BLACK RIGHT ANGLE MALE CONNECTOR FOR PRIMARY ROOM MICROPHONE	1	CONQUEST B84-15 WHIRLWIND MK415
	8'-0" PEDESTRIAN STRIP	1	TECHFLEX DURA RACE RUNNER
	MICROPHONE STAND, FLOOR TYPE	1	ATLAS SOUND MS-20E W/PB21 XEB KONIG AND MEYER 210/9
	HDMI CABLE, 15 FEET, FOR OWNER	2	HDMI HIGH SPEED
IR	INFRARED DETECTORS; COVER CABLE W/ LIGHT COLORED TUBING	OFP	EMTECH BLU-IR
	SOUND EQUIPMENT CABINET	0	REUSE EXISTING
NS	NETWORK SWITCH, 24 PORT	1	*CISCO MERAKI MS120-24P-HW W/ QTY 2 CAT6 SFP MODULES
PA	POWER AMPLIFIERS PA1	1	QSC MP-A40V APPROVED ALTERNATE
	PA2	1	TOA P912MK2 W/ MB-25B APPROVED ALTERNATE
	PA4	1	TOA BA-260 W/ MB-25B-BK/J APPROVED ALTERNATE
	PA3,PA5,PA6	1	TOA BA-235 W/ MB-25B-BK/J APPROVED ALTERNATE
ALS	ASSISTIVE LISTENING SYSTEM, WIFI W/ 8 RECEIVERS	1	LISTEN TECHNOLOGIES MH-02-01
ADSP	AUDIO MIXER, DIGITAL SIGNAL PROCESSOR WITH POWER SUPPLY, I/O MODULES, RELAYS, AND ACCESSORIES AS REQUIRED. WITH MANUFACTURER'S DRAWING SHOWING DETAILED WIRING CONNECTIONS FOR THIS DESIGN.	1	QSC CORE 110fv2 W/ DANTE LICENSE (A/R) QSC QIO-L4o (A/R) QSC QIO-GP8X8 (A/R) EMTECH QIF APPROVED ALTERNATE
TVSSE	SURGE SUPPRESSOR AND SWITCHER IP ENABLED W/ UL LISTED PLUG STRIP	1	SURGEX SX-AX20E MIDDLE ATLANTIC RLINK-P920R-SP W/ RLNK-CONT & RLNK-TEMP
TVSS	SURGE SUPPRESSOR, NON SEQUENCING	OFP	MIDDLE ATLANTIC PDX 920R-SP
	POWER STRIP, UL LISTED	A/R	6 OUTLET POWER STRIP OR EQUAL
WAP	WIRELESS ACCESS POINT	OFP	EMTECH MSC-RJ OR APPROVED ALTERNATE WITH EXISTING / OWNER PROVIDED ACCESS POINT
	PATCH PANEL, DATA, 48-PORT W/ CAT6 INSERT, BLUE	A/R	
	HORIZONTAL WIRE MANAGER DEPTH NOT TO EXCEED 3"	A/R	
	COPPER CAT6 PATCH CABLES	A/R	
	RACK SHELF FOR EXISTING NETWORK EQUIPMENT	A/R	

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS
A/R=AS REQUIRED, OFP=OBTAIN FROM PLANS, OFE=OWNER FURNISHED EQUIPMENT

*CONTRACTOR TO PURCHASE NETWORK EQUIPMENT FROM COMPUNET AND INDICATE THAT IT IS BEING PURCHASED FOR THE CHURCH.

NOTES

1. GPIO PINS MUST BE SET CORRECTLY.
2. GPIO INPUT/OUTPUT GROUNDS ARE CONNECTED INTERNALLY.
3. REFER TO QSC GRID TECH NOTE FOR DEVICE SPECIFIC SETUP DETAILS.



1 GPIO INPUT/OUTPUT SAMPLE WIRING DIAGRAM
NO SCALE

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RECORD DRAWINGS

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078
GHN
GASKIN HILL NORCROSS
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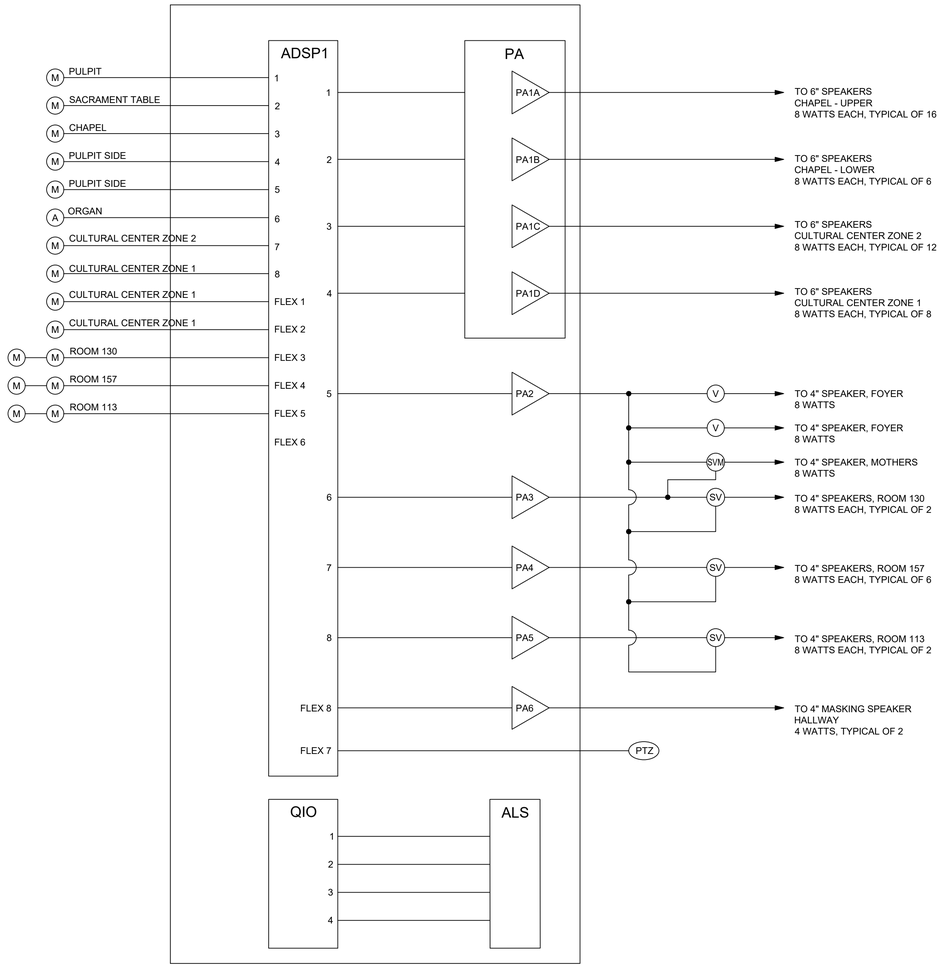
Sheet Title:
AV SYSTEM EQUIPMENT LIST

JULY 24, 2025

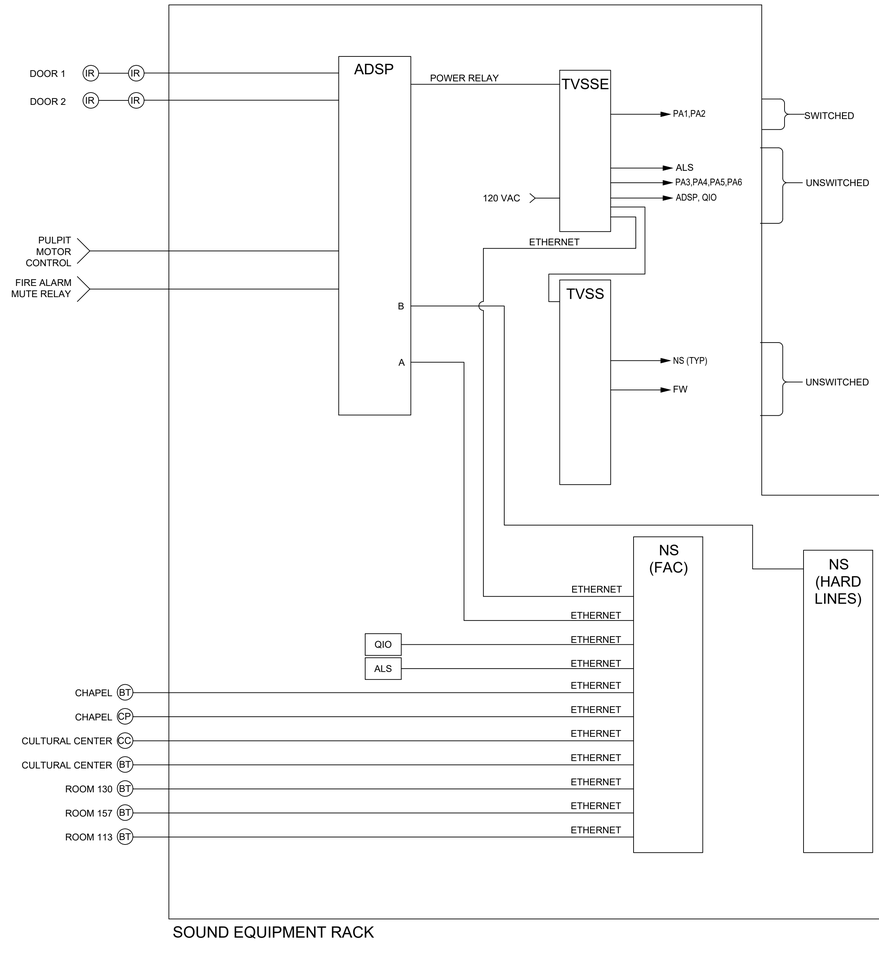
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TA601

GENERAL SHEET NOTES

1. WHERE MULTIPLE DEVICES ARE SHOWN ON A SINGLE 'TVSS' OUTLET, PROVIDE PLUG STRIPS AS REQUIRED.
2. QSC CONTROLLER MUST BE CONNECTED TO POE PORTS.
3. HDBASE T AND QSC DEVICES ARE IP COMMUNICATIONS PROTOCOL DEVICES. TWISTED PAIR CABLES MUST MEET STANDARDS DEFINED IN THE HORIZONTAL COMMUNICATIONS SPECIFICATIONS.
4. N/C INDICATES NO CONNECTION.
5. ADSP AND CONTROL/LOGIC WIRING IS GENERIC. SEE MANUFACTURER'S INSTRUCTION SHEET FOR WIRING DETAILS.
6. USE DHCP FOR IP ADDRESS ASSIGNMENTS.



1 AUDIO SYSTEM RISER DIAGRAM
NO SCALE



2 CONTROL/LOGIC RISER DIAGRAM
NO SCALE

RECORD DRAWINGS

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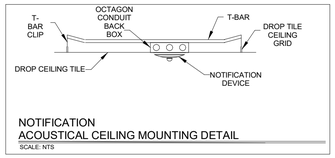
GHN Project Number: 24-078.00
Work Order No.: .
LDS Prop. No.: 50046852402O1

Sheet Title: AV SYSTEM RISER DIAGRAMS

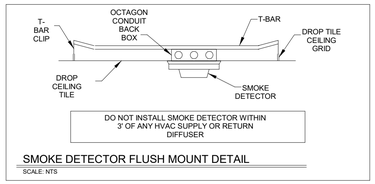
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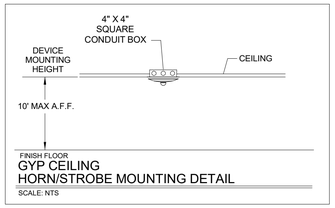
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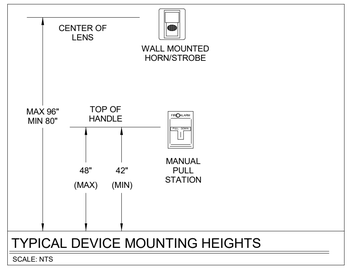
NOTIFICATION
ACOUSTICAL CEILING MOUNTING DETAIL
SCALE: NTS



SMOKE DETECTOR FLUSH MOUNT DETAIL
SCALE: NTS



GYP CEILING
HORN/STROBE MOUNTING DETAIL
SCALE: NTS



TYPICAL DEVICE MOUNTING HEIGHTS
SCALE: NTS

PLAN ABBREVIATIONS

(E)	EXISTING TO REMAIN
(R)	RELOCATE EXISTING
(N)	NEW

FIRE ALARM SYMBOL SCHEDULE

(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

FACU	1	ADDRESSABLE FIRE ALARM PANEL
FAA	1	REMOTE ANNUNCIATOR PANEL
NAC		NOTIFICATION POWER SUPPLY
F		ADDRESSABLE MANUAL PULL STATION
S P		ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR
XXcd		HORN/STROBE (WALL-MOUNTED) CANDELA AS NOTED ON PLANS.
XXcd		(CEILING-MOUNTED) CANDELA AS NOTED ON PLANS.
XXcd WP		WEATHERPROOF HORN/STROBE (WALL-MOUNTED) CANDELA AS NOTED ON PLANS.
XXcd		STROBE (WALL-MOUNTED) CANDELA AS NOTED ON PLANS.
WF		WATERFLOW SWITCH (PROVIDED BY OTHERS. POINT OF CONNECTION ONLY.)
VS		TAMPER SWITCH (PROVIDED BY OTHERS. POINT OF CONNECTION ONLY.)
CO		ADDRESSABLE CARBON MONOXIDE DETECTOR.



1 MAIN FLOOR FIRE ALARM PLAN
1/8" = 1'-0"
0' 4' 8' 16' 24' 32'

GENERAL FIRE ALARM NOTES

1. INSTALLATION OF NEW FIRE ALARM EQUIPMENT TO BE CONNECTED TO THE EXISTING FIRE ALARM SYSTEM.
2. ALL REQUIRED DOCUMENTATION REGARDING THE DESIGN OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS AND THE PROCEDURES FOR MAINTENANCE, INSPECTION, AND TESTING OF FIRE DETECTION, ALARM, COMMUNICATIONS SYSTEMS SHALL BE MAINTAINED AT AN APPROVED, SECURED LOCATION FOR THE LIFE OF THE SYSTEM PER IFC.
3. COMPLETE NFPA 72 RECORD OF INSPECTION AND TESTING FORMS UPON COMPLETION, AND ALL APPLICABLE COMPLIANCE INSPECTIONS.

FA DEMOLITION NOTES

1. ALARM INSTALLER TO MAINTAIN THE EXISTING FACU SYSTEM OPERATIONAL THROUGH THE BUILDOUT PROCESS AS REQUIRED BY CODE.

2. CONTRACTOR MUST VISIT THE BUILDING TO DETERMINE THE FULL EXTENT OF THE FIRE PROTECTION WORK AND EXISTING CONDITIONS. BECOME TOTALLY FAMILIAR WITH THE DISCONNECTIONS, REMOVALS OF EXISTING FIRE ALARM EQUIPMENT, AND CONDITIONS IN THE PROPOSAL FOR THIS PROJECT. NO EXTRA COMPENSATION WILL BE PAID FOR LACK OF SUCH DETERMINATION, FAMILIARIZATION, AND/OR ALLOWANCE.

APPLICABLE CODES

DESIGNED IN ACCORDANCE WITH THE FOLLOWING STANDARDS

NFPA STANDARDS :	EDITION :
NFPA 72	2019
NEC 70	2020
OTHER STANDARDS :	
ARKANSAS FIRE PREVENTION CODE VOLUME I (FIRE CODE)	2021
ARKANSAS FIRE PREVENTION CODE VOLUME II (BUILDING CODE)	2021

OCCUPANCY TYPE: A-3
TOTAL OCCUPANCY LOAD: TBD

Architect / Engineer:

Joshua A. Houghton CET
FIRE PROTECTION

479-636-5004
JOB NO.: 23502
SUITE 3975
1805 N 2ND ST
ROGERS, AR 72756 DESIGNED BY: BRY

Stamp:

Joshua A. Houghton, CET
1805 N 2nd St.
Rogers, AR 72756-2423
NICET# 122398
Fire Alarm Systems, Level III

May 09, 2025

"I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are in compliance with the Fire Prevention Code for the State of Arkansas."

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ADDIATION SPRINGDALE AR STAKE

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

Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
WORK ORDER NO.: G250-SC-11
LDS Prop. Number: 5004685240201

Sheet Title: FIRE ALARM

Sheet: FA101

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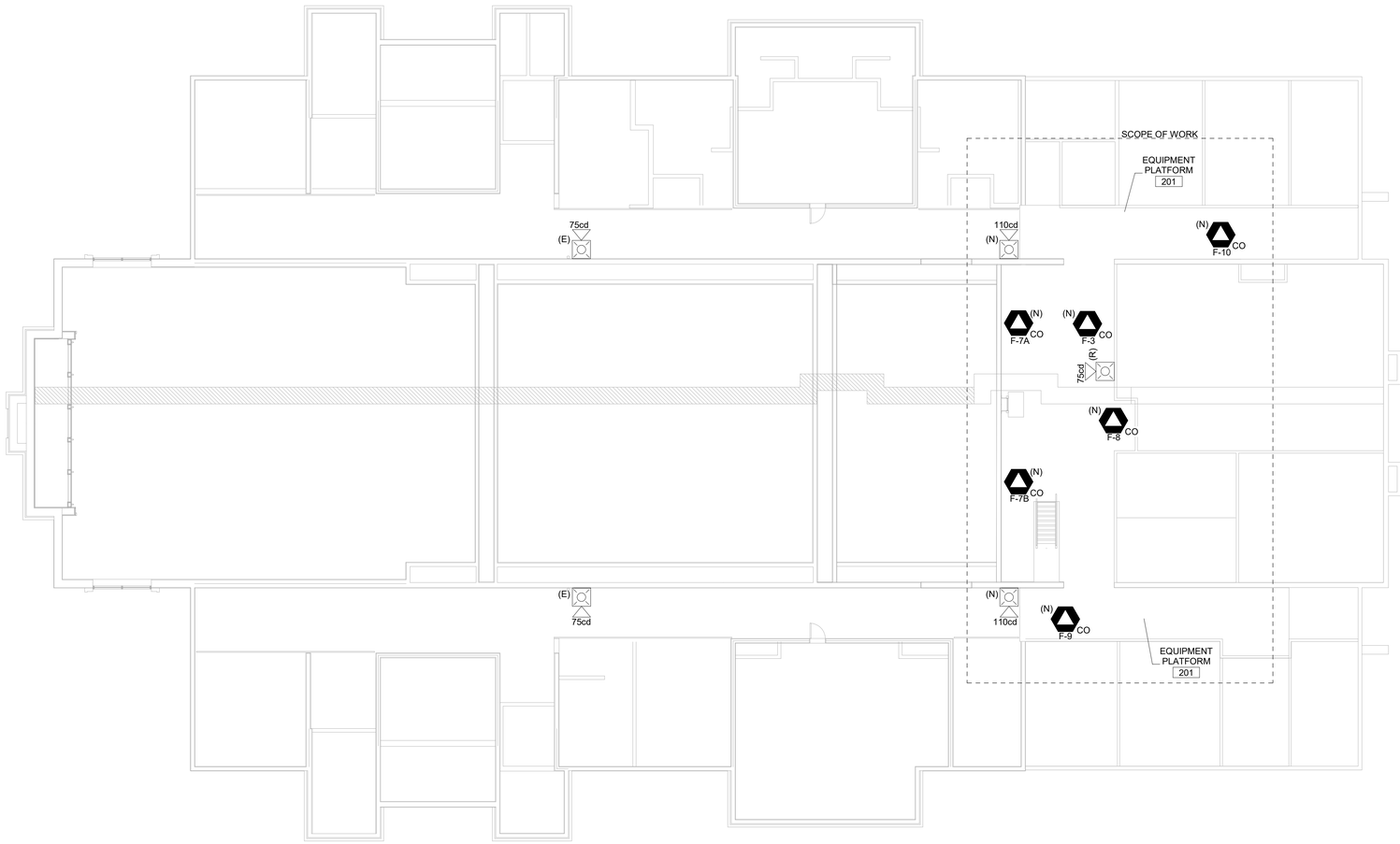
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VS		TAMPER SWITCH (PROVIDED BY OTHERS. POINT OF CONNECTION ONLY.)
CO		ADDRESSABLE CARBON MONOXIDE DETECTOR.



1 2ND FLOOR FIRE ALARM
1/8" = 1'-0"

Architect / Engineer:

Joshua A. Houghton CET
FIRE PROTECTION

479-636-5004
JOB NO.: 23522
SUITE 3975
1805 N 2ND ST
ROGERS, AR 72756 DESIGNED BY: BRY

Stamp:

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1805 N 2nd St.
Rogers, AR 72756-2423
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Mark	Date (D-M-Y)	Description

Project Number: 24-078.00
WORK ORDER NO.: G250-SC-11
LDS Prop. Number: 5004685240201

Sheet Title: FIRE ALARM EQUIPMENT PLATFORM

Sheet: FA102

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(A)

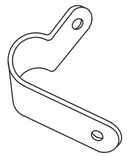


AIR TERMINAL

1/2" X 12" LONG SOLID ALUMINUM

IPC #A331
ROBBINS #A24
THOMPSON #A55
VFC #A71

(H)

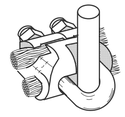


COPPER LOOP FASTENER

FITS STANDARD CABLES THROUGH 2/0 COPPER, 1/2" WIDE FOR ONE NAIL OR WOOD SCREWS.

IPC #121A
ROBBINS #72
THOMPSON #165
VFC #251

(M)



PERPENDICULAR GROUND ROD AND CABLE CLAMP

COPPER BRONZE FOR CONNECTING ONE OR TWO HORIZONTAL CABLES THROUGH 2/0 TO ANY SIZE GROUND ROD THROUGH 3/4".

IPC #28U
ROBBINS #99A
THOMPSON #493
VFC #305

(E)

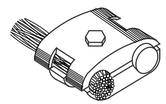


SMOOTH TWIST COPPER CABLE

32 STRAND, 17 GAUGE CABLE, 65,500 CIRCULAR MILS.

IPC #32S
ROBBINS #1
THOMPSON #32
VFC #32

(J)

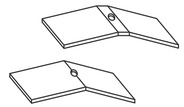


LARGE BRONZE CLAMP

HEAVY DUTY, FOR CLAMPING TWO STANDARD CABLES THROUGH 2/0 AND/OR THROUGH 5/8" RODS.

IPC #297A
ROBBINS #52
THOMPSON #141
VFC #212

(L)



FLASHING SADDLE

FLEXIBLE ALUMINUM 3 1/8" WIDE FLASHING SADDLE. FITS ALL PITCHED ROOFS.

ROBBINS #A121FS
THOMPSON #A682X

(C)

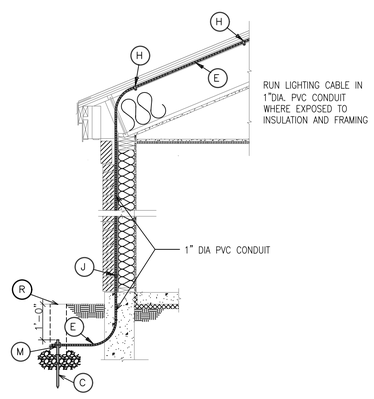


GROUND ROD

3/4" X 10' COPPERCLAD

IPC #579
ROBBINS #97-10
THOMPSON #TL3410
VFC #3410

(P)



CABLE INSTALLATION DETAIL

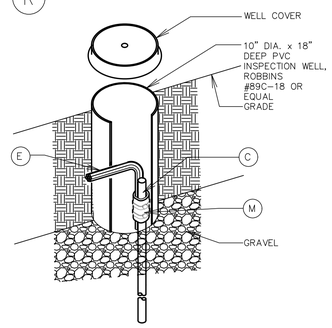
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(N)

CONCEALED AIR TERMINAL DETAIL

NTS

(R)

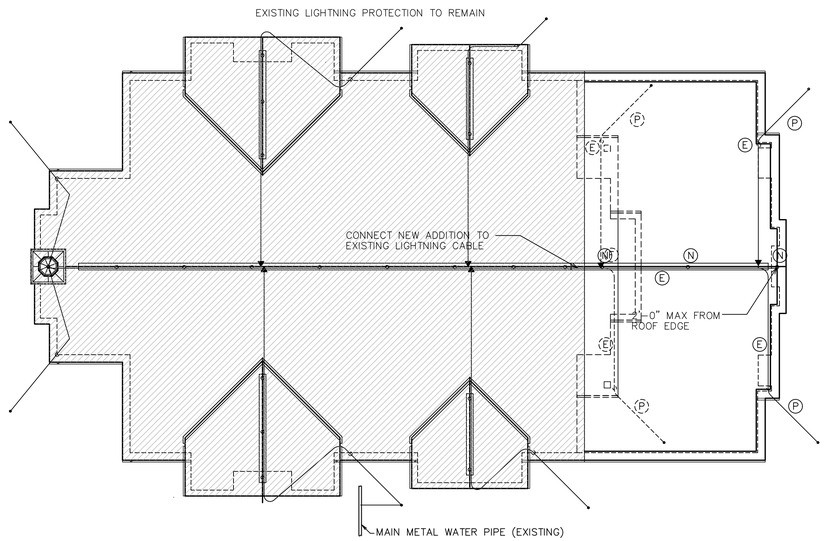


GROUND INSPECTION WELL

N.T.S.

NOTES:

1. SEE ARCHITECTURAL SHEETS FOR REQUIRED LIGHTNING PROTECTION SYSTEM.
2. EXISTING LIGHTNING PROTECTION COMPONENTS TO REMAIN, CONNECT NEW TO EXISTING



ROOF PLAN – LIGHTNING PROTECTION

SCALE: 1/16" = 1'-0"

CERTIFICATE OF AUTHORITY
ARCHITECTURE: C-358
CERTIFICATE OF AUTHORITY
ENGINEERING: 1078

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801 W BUCHANAN ST
PRAIRIE GROVE, AR 72753

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS
50 EAST NORTH TEMPLE
SALT LAKE CITY, UT 84150

GHN Project Number:
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