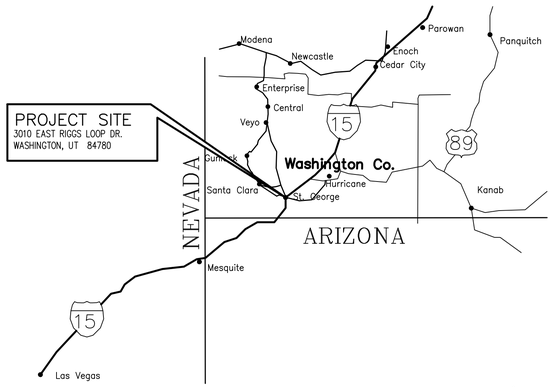
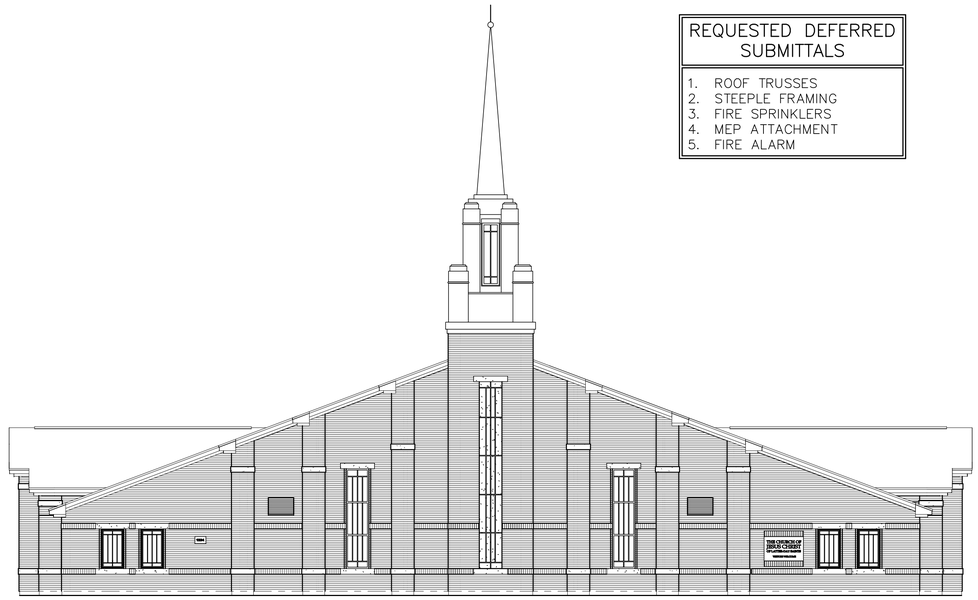
| DESIGN CRITERIA | 2024 IBC |
|---|---|
| TYPE OF CONSTRUCTION | V – B |
| OCCUPANCY | A–3 ASSEMBLY |
| HEIGHT AS PER CODE | 1 STORY, 40'–0" |
| EARTHQUAKE BASE SHEAR<br>WIND PRESSURE<br>ROOF<br>DEAD LOAD<br>LIVE LOAD<br>CEILING FRAMING LIVE LOAD<br>ATTIC AREA<br>SOIL BEARING<br>CONCRETE | SEE SHEET S601 FOR STRUCTURAL DESIGN CRITERIA |
| WINTER DESIGN TEMPERATURE<br>SUMMER DESIGN CONDITIONS<br>VENTILATION | SEE SHEET M101 FOR DESIGN CRITERIA<br>THESE DOCUMENTS HAVE BEEN DESIGNED TO MEET THE VENTILATION REQUIREMENTS OF ASHRAE 62–2007 |
| ELEVATION | 2747 ft ABOVE SEA LEVEL |
| ELECTRICAL PHASE | 120/208V 3 PHASE |
| PLUMBING CODE | 2024 – INTERNATIONAL PLUMBING CODE |
| MECHANICAL CODE | 2024 – INTERNATIONAL MECHANICAL CODE |




SOUTHERN UTAH VICINITY MAP

SCALE: NONE

| CONSULTING ENGINEERS | | | | | |
|---|---|---|---|---|---|
| ARCHITECTURAL | MECHANICAL | ELECTRICAL | STRUCTURAL | LANDSCAPING | SOUND |
| P.C. ARCHITECTS, INC.<br>301 E. Tabernacle, Suite 206<br>St. George, Utah 84770<br>(435) 673–6579 | ENGINEERED SYSTEMS ASSOCIATES<br>1355 East Center<br>Pocatello, Idaho 83201<br>(208) 233–0501 | BREINHOLT POWER ENGINEERING<br>805 South 1430 West<br>Lehi, Utah 84043<br>(801) 367–5180 | MATIX ENGINEERS<br>1971 E. Terra Linda Dr.<br>Salt Lake City, Utah 84124<br>(801) 865–7158 | LANDWORKS INC.<br>923 So. River Road Suite 207<br>St. George, Utah 84790<br>(435) 627–8656 | A & E CONSULTANTS, INC.<br>1610 No. 1500 W.<br>Provo, Utah 84604<br>(801) 375–3877 |



# LONG VALLEY
# GRANGER 300 MEETINGHOUSE

| REQUESTED DEFERRED SUBMITTALS |
|---|
| 1. ROOF TRUSSES<br>2. STEEPLE FRAMING<br>3. FIRE SPRINKLERS<br>4. MEP ATTACHMENT<br>5. FIRE ALARM |

## STANDARD SYMBOLS LEGEND

DETAIL — A / A103 — DETAIL LETTER / SHEET NUMBER

SECTION — C / A505 — SECTION LETTER / SHEET NUMBER

SHEET REFERENCE — B TITLE SCALE

ROOM NUMBER — ROOM / 150 / 1/A603 — ROOM NAME / ROOM NUMBER / ENLARGED PLAN

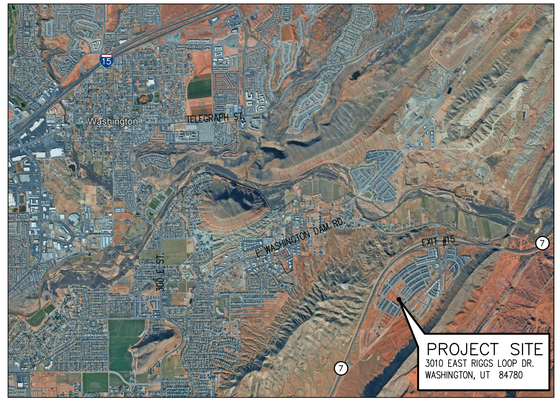
DOOR DESIGNATION — 123A

WINDOW DESIGNATION — A

ELEVATION (VIEW) — B / A201 — ELEVATION LETTER / SHEET NUMBER

ELEVATION (DATUM) — ELEVATION 100'–0"

VISUAL DISPLAY BOARDS — V2




WASHINGTON VICINITY MAP

SCALE: NONE

## DRAWING INDEX

| SHEET NUMBER | SHEET TITLE | SHEET NUMBER | SHEET TITLE | SHEET NUMBER | SHEET TITLE | SHEET NUMBER | SHEET TITLE | SHEET NUMBER | SHEET TITLE |
|---|---|---|---|---|---|---|---|---|---|
| | GENERAL | | ARCHITECTURAL | | ARCHITECTURAL | | STRUCTURAL | | MECHANICAL ELECTRICAL |
| G001 | COVER SHEET | A101 | MAIN FLOOR PLAN | A413 | STAIR SECTIONS | S513 | EQUIPMENT PLATFORM FRAMING DETAILS | ME101 | AUTOMATIC TEMPERATURE CONTROL PLANS |
| G101 | CODE INFORMATION, SYMBOLS, EXITING & OCCUPANCY PLAN | A102 | MAIN FLOOR SLAB PLAN | A501 | ARCHITECTURAL DETAILS | S514 | EQUIPMENT PLATFORM FRAMING DETAILS | ME701 | AUTOMATIC TEMPERATURE CONTROL WIRING SCHEDULES |
| G102 | CODE ANALYSIS PLAN | A103 | MAIN FLOOR DIMENSION PLAN | A502 | ARCHITECTURAL DETAILS | S521 | ROOF DETAILS | ME702 | AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC |
| G103 | ACCESSIBILITY–PUBLIC SPACES | A104 | EQUIPMENT PLATFORM PLAN | A601 | DOOR SCHEDULE AND DETAILS | S522 | ROOF DETAILS | ME703 | AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC |
| G104 | ACCESSIBILITY–PUBLIC SPACES | A105 | MAIN FLOOR WALL TYPES PLAN | A601a | DOOR HARDWARE GROUPS | S523 | ROOF DETAILS | ME704 | AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC |
| | | A111 | EXTERIOR WALL TYPES | A602 | WINDOW DETAILS | S524 | ROOF DETAILS | ME705 | AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC |
| | CIVIL | A112 | INTERIOR WALL TYPES | A603 | STOREFRONT DETAILS | S601 | SCHEDULES | | |
| C101 | CIVIL SITE PLAN | A113 | INTERIOR WALL TYPES | A604 | DOOR AND WINDOW DETAILS | S602 | SCHEDULES | | ELECTRICAL |
| C201 | UTILITY PLAN | A121 | ROOF PLAN | A701 | STORAGE BUILDING MECH. ENCLOSURE | S603 | SCHEDULES | E010 | COVER SHEET & ENERGY COMPLIANCE CERTIFICATE |
| C202 | UTILITY PLAN – SEWER | A122 | ROOF DETAILS | | | S604 | SCHEDULES | ES101 | SITE ELECTRICAL PLAN |
| C203 | UTILITY PLAN – STORM DRAIN | A123 | ROOF DETAILS | | FURNISHINGS | | | E101 | MAIN LEVEL LIGHTING PLAN |
| C204 | SEWER AND STORM DRAIN PROFILES | A151 | REFLECTED CEILING PLAN | F101 | FURNISHINGS PLAN AND SCHEDULES | | FIRE SPRINKLER | E111 | MAIN LEVEL POWER PLAN |
| C301 | GRADING PLAN | A152 | LIGHT COVE AND CEILING TRIM DETAILS | F102 | ROOM SIGNAGE LOCATION PLAN | FS101 | MAIN FLOOR FIRE SPRINKLER PLAN | E112 | EQUIPMENT PLATFORM ELECTRICAL PLAN |
| C302 | DETAILED GRADING PLAN | A201 | BUILDING ELEVATIONS | F103 | ROOM SIGNAGE, FINISH SCHEDULE AND DETAILS | FS102 | MEZZANINE LEVEL FIRE SPRINKLER PLAN | E501 | ELECTRICAL DETAILS |
| C401 | DETAILS | A202 | BUILDING ELEVATIONS | | | FS301 | FIRE SPRINKLER SECTIONS | E601 | SCHEDULES AND SYMBOLS |
| | | A203 | EXTERIOR PLAN DETAILS | | STRUCTURAL | FS501 | FIRE SPRINKLER DETAILS | E602 | PANEL SCHEDULES |
| | SITE DEVELOPMENT | A301 | BUILDING SECTIONS | S101 | FOOTING AND FOUNDATION PLAN | | | E603 | LOAD CENTER SCHEDULES |
| SD101 | SITE LAYOUT | A302 | BUILDING SECTIONS | S102 | ANCHOR BOLT, HOLD–DOWN AND WALL TYPE PLAN | | PLUMBING | E604 | LIGHTING FIXTURE SCHEDULE AND SYMBOLS |
| SD201 | SITE DETAILS | A303 | BUILDING SECTIONS | S103 | ROSTRUM AND PLATFORM FRAMING PLAN | P100 | BELOW GRADE PLUMBING PLAN | E605 | POWER SINGLE LINE DIAGRAM |
| SD202 | SITE DETAILS | A304 | BUILDING SECTIONS | S104 | EQUIPMENT PLATFORM FRAMING PLAN | P101 | PLUMBING FLOOR PLAN | E606 | LIGHTING CONTROL WIRING DIAGRAMS |
| SD203 | SITE DETAILS | A305 | DETAILS | S105 | ROOF FRAMING PLAN | P102 | EQUIPMENT PLATFORM PLUMBING PLAN | E607 | UTILITY LOAD CALCULATIONS |
| | | A306 | STEEPLE PLANS, ELEVATIONS, SECTIONS AND DETAILS | S106 | ENLARGED ROOF FRAMING PLAN | P401 | LARGE SCALE PLUMBING PLANS | FA101 | FIRE ALARM PLAN & RISER DIAGRAM |
| | LANDSCAPING | A401 | ENLARGED RESTROOM PLAN AND ELEVATIONS | S201 | TRUSS ELEVATIONS | P501 | PLUMBING DETAILS | | |
| L101 | PLANTING PLAN | A402 | ENLARGED PLATFORM PLAN AND DETAILS | S202 | TRUSS ELEVATIONS | P502 | PLUMBING DETAILS | | TECHNICAL |
| L102 | PLANTING PLAN | A403 | ENLARGED BISHOP AND CLERK AND MOTHER'S ROOM | S203 | TRUSS ELEVATIONS | P601 | PLUMBING SCHEDULES AND GAS PIPING SCHEMATICS | ET101 | MAIN FLOOR AV ROUGH–IN FLOOR PLAN |
| L103 | PLANTING DETAILS | A404 | ENLARGED SERVING AREA AND MEMBER CUSTODIAL | S204 | TRUSS ELEVATIONS | | | ET102 | MAIN FLOOR AV ROUGH–IN CEILING PLAN |
| L201 | IRRIGATION PLAN | A405 | INTERIOR ELEVATIONS AND DETAILS | S205 | TRUSS ELEVATIONS | | MECHANICAL | ET601 | AV ROUGH–IN SCHEDULES, NOTES, DETAILS AND DIAGRAM |
| L202 | IRRIGATION PLAN | A406 | ENLARGED ROSTRUM PLAN AND ELEVATIONS | S206 | TRUSS ELEVATIONS | M101 | MAIN FLOOR MECHANICAL PLAN | ET602 | AV ROUGH–IN DETAILS |
| L203 | IRRIGATION DETAILS | A407 | ROSTRUM FRONT WALL ELEVATION DETAILS | S401 | STEEPLE PLATFORM FRAMING AND DETAILS | M102 | EQUIPMENT PLATFORM MECHANICAL PLAN | TA501 | AV SYSTEMS DETAILS |
| L204 | IRRIGATION DETAILS | A408 | ROSTRUM CASEWORK ELEVATIONS | S402 | STEEPLE DETAILS | M301 | MECHANICAL SECTIONS | TA601 | AV SYSTEMS, SCHEDULES AND NOTES |
| | | A409 | ROSTRUM CASEWORK ELEVATIONS AND DETAILS | S501 | FOUNDATION DETAILS | M302 | MECHANICAL SECTIONS | TA602 | AV SYSTEMS DIAGRAMS |
| | | A410 | ROSTRUM CASEWORK DETAILS | S502 | FOUNDATION DETAILS | M501 | MECHANICAL DETAILS | TA603 | AV SYSTEMS DIAGRAMS |
| | | A411 | ROSTRUM CASEWORK DETAILS | S503 | FOUNDATION DETAILS | M502 | MECHANICAL DETAILS | TT601 | TELECOM SCHEDULES AND NOTES |
| | | A412 | CHILDREN'S LECTERN CASEWORK TABLETOP LECTERN CASEWORK | S504 | FOUNDATION DETAILS | M503 | MECHANICAL DETAILS | TT602 | TELECOM DETAILS AND DIAGRAM |
| | | | | S511 | ROSTRUM AND PLATFORM DETAILS | M601 | MECHANICAL SCHEDULES | | |
| | | | | S512 | ROSTRUM AND PLATFORM DETAILS | | | | |

Release Date:
27-OCT-2026


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579


Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

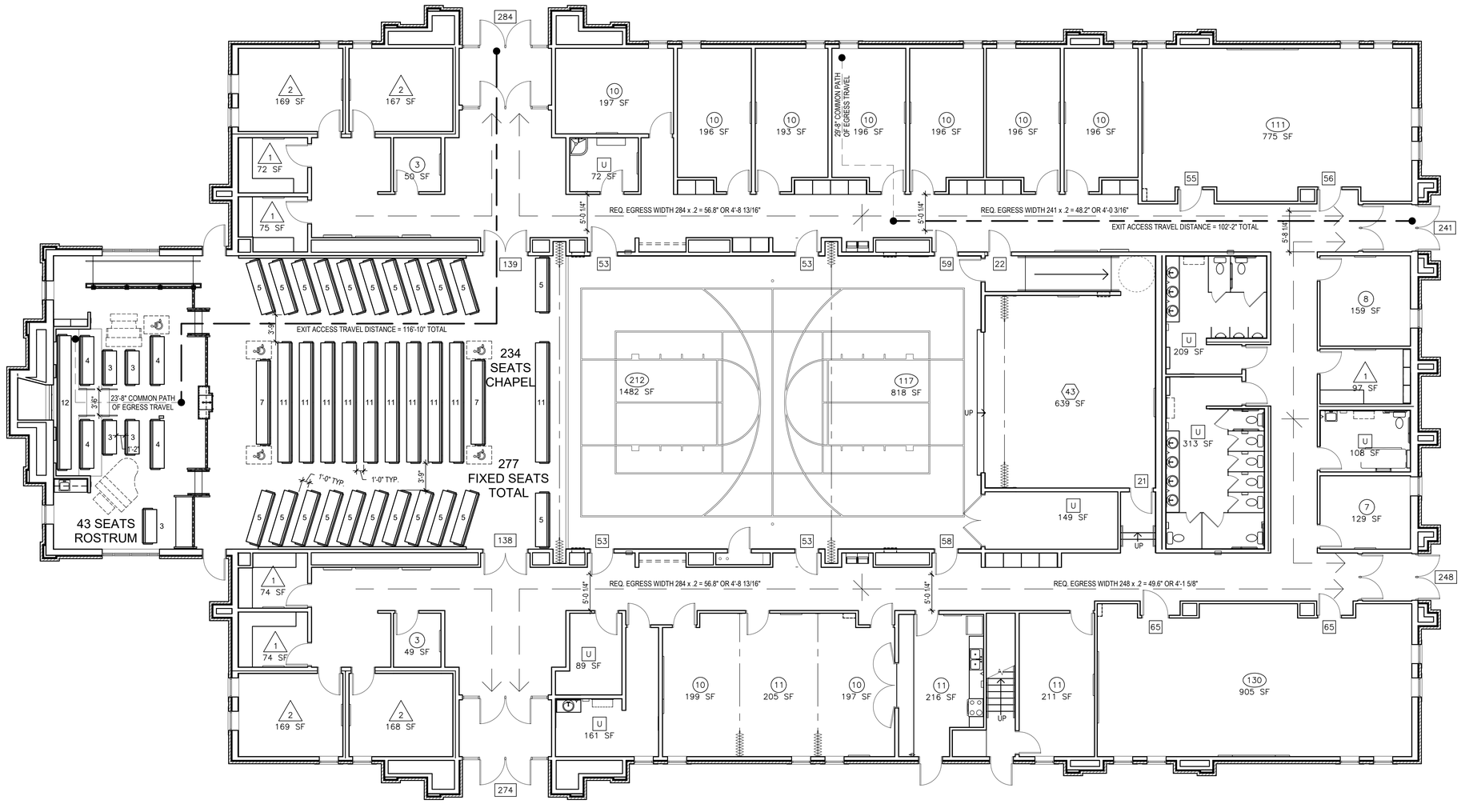
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
COVER SHEET

Sheet:
G001




| LEGEND | |
|---|---|
| SYMBOL | DESCRIPTION |
| 150 SF | ROOM SQUARE FOOTAGES |
| 150 65 | OCCUPANT LOAD SERVED BY EXIT |
| U | NOT COUNTED IN TOTAL OCCUPANT LOAD |
| 1 | "ROOM OCCUPANT LOAD AT 7 SQ. FT. PER PERSON" (ASSEMBLY) |
| 1 | "ROOM OCCUPANT LOAD AT 15 SQ. FT. PER PERSON" (ASSEMBLY) |
| 1 | "ROOM OCCUPANT LOAD AT 20 SQ. FT. PER PERSON" (CLASSROOM) |
| 1 | "ROOM OCCUPANT LOAD AT 100 SQ. FT. PER PERSON" (BUSINESS) |

## 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 IBC 2021 REQUIREMENTS.

## 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 2021 SECTION 502.1.

3. EXIT SIGNS - SEE SIGNAGE SCHEDULE.

PROJECT SUMMARY:
CONSTRUCTION TYPE: VB
FIRE SPRINKLER: NFPA 13
OCCUPANCYS: A-3, B (NON-SEPARATED)
OCCUPANCY LOAD (AREA): A-3 = 1,034
B = 13

TOTAL OCCUPANCY LOAD = **1,047**

Release Date:
27-OCT-2026


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-8579


Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
CODE INFORMATION SYMBOLS EXISTING AND OCCUPANCY PLAN

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:

| | | |
|---|---|---|
| 2024 | IBC | INTERNATIONAL BUILDING CODE |
| 2024 | IFC | INTERNATIONAL FIRE CODE |
| 2024 | IPC | INTERNATIONAL PLUMBING CODE |
| 2024 | IMC | INTERNATIONAL MECHANICAL CODE |
| 2023 | NEC | NATIONAL ELECTRICAL CODE |
| 2024 | IFGC | INTERNATIONAL FUEL GAS CODE |
| 2021 | IECC | INTERNATIONAL ENERGY CONSERVATION CODE: COMMERCIAL |
| 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 | ALLOWABLE AREA | ACTUAL | RATIO |
| A-3 | 60 | 2 | 24,000 S.F. | 17,324 S.F | 0.722 |
| B | 60 | 3 | 36,000 S.F. | | |

| ACTUAL HEIGHT, STORIES AND AREA | | | |
|---|---|---|---|
| OCCUPANCY | HEIGHT (FT) | STORY | AREA (SF) OUTSIDE OF FOUNDATION |
| A-3 | 29 | 1 | 18,315 |

508.3.1 NON-SEPARATED OCCUPANCY STRUCTURE

505.3 EQUIPMENT PLATFORMS IN BUILDING SHALL NOT BE CONSIDERED AS A PORTION OF THE FLOOR BELOW. SUCH EQUIPMENT PLATFORMS SHALL NOT CONTRIBUTE TO EITHER BUILDING AREA OR THE NUMBER OF STORIES.

505.3.1 AREA OF EQUIPMENT PLATFORM - 3,491 SQ. FT. < 3,979 SQ. FT.
ROOM BELOW = 5,968 * 2/3 = 3,979 SQ. FT.

## (CHAP. 6) TYPES OF CONSTRUCTION

| OCCUPANCY | CONST. TYPE |
|---|---|
| A-3 | V-B |
| B | V-B |

| FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601) | TYPE V-B |
|---|---|
| PRIMARY STRUCTURAL FRAME | 0 |
| BEARING WALLS EXTERIOR | 0 |
| BEARING WALLS INTERIOR | 0 |
| NONBEARING WALLS AND PARTITIONS EXTERIOR | TABLE 705.5 |
| NONBEARING WALLS AND PARTITIONS INTERIOR | 0 |
| FLOOR CONSTRUCTION AND SECONDARY MEMBERS | 0 |
| ROOF CONSTRUCTION AND SECONDARY MEMBERS | 0 |

## (CHAP. 7) FIRE AND SMOKE PROTECTION FEATURES

| FIRE-RESISTANCE OF EXTERIOR WALLS (TABLE 705.5) | | | | | |
|---|---|---|---|---|---|
| | A-3 | B | | | |
| X>30' | 0 | 0 | | | |

## (CHAP. 7) FIRE AND SMOKE PROTECTION FEATURES (CONT)

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 FT

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 1136 - 4 EXITS REQUIRED, 4 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

1030.2 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

1030.7 TRAVEL DISTANCE: 250' MAX TO AN EXIT IN SPRINKLERED BUILDING

1030.8 COMMON PATH OF EGRESS TRAVEL: 30' MAX. FROM ANY SEAT TO TWO PATHS OF EGRESS TRAVEL TO TWO EXITS

1030.15 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 ACCISSIBLE 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 = 311 6 SPACES REQUIRED

TABLE 1108.2.7.1 RECEIVERS FOR ASSISTIVE LISTENING SYSTEMS

ASSEMBLY AREA CAPACITY = 311 14 RECEIVERS REQUIRED

ASSEMBLY AREA CAPACITY = 311 4 RECEIVERS TO BE HEARING-AID COMPATIBLE

1109 OTHER FEATURES AND FACILITIES

1110.2 TOILET AND BATHING FACILITIES: ONE TYPE OF EACH FIXTURE, ELEMENT, CONTROL OR DISPENSER SHALL BE ACCESSIBLE

1110.2.1 FAMILY OR ASSISTED-USE TOILET: FAMILY OR ASSISTED-USE TOILET IS REQUIRED IN A OCCUPANCY WHERE > 6 WC ARE REQUIRED

1110.2.4 WATER CLOSET COMPARTMENT: ONE WC MUST BE ACCESSIBLE. IF WC + URINALS > 6, PROVIDE ONE AMBULATORY ACCESS. WC

1110.2.5 LAVATORIES: AT LEAST 5%, BUT NOT LESS THAN ONE SHALL BE ACCESSIBLE

1110.4 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 L OR LL VAPOR BARRIER PROVIDED

ATTIC AREA = 17,304 SF /300 = 57.68 SF X 144 = 8,305 SQ. INCHES REQUIRED

RIDGE VENT - NET FREE AREA = 35 SQ. IN./LF X 262' = 9,170 SQ. INCHES

SOFFIT VENT - NET FREE AREA = 8.8 SQ. IN./LF X 495' = 4,356 SQ. INCHES

VENTILATION PROVIDED = 13,526 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-560,W-560 | 560/150=3.73 | 560/75=7.47 | 560/200=2.8 | 560/200=2.8 | 1120/1000=1.12 | |
| B | M-8, W-8 | 8/25=0.32 | 8/25=0.32 | 8/40=0.2 | 8/40=0.2 | 16/100=0.16 | |
| | TOTAL REQ. | 4.05 | 7.79 | 3.00 | 3.00 | 1.28 | 1 |
| | PROVIDED | 5 | 8 | 4 | 4 | 4 | 1 |


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579


Release Date:
27-OCT-2026

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

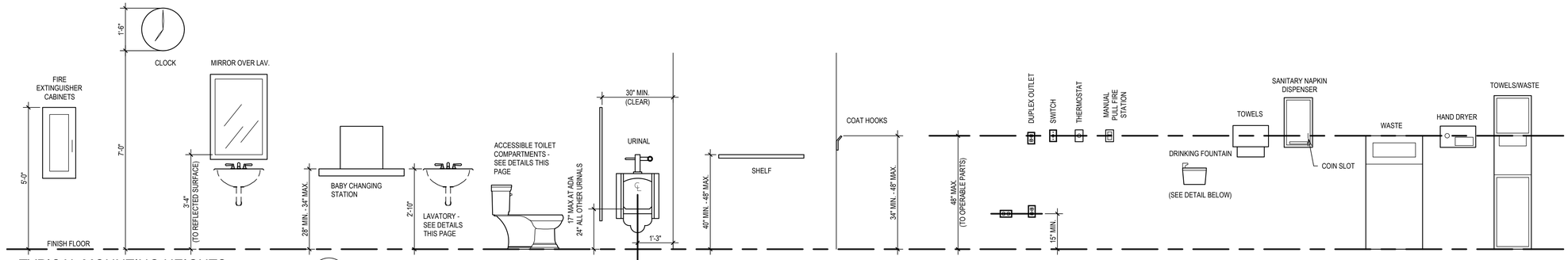
| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: CODE ANALYSIS

Sheet: G102

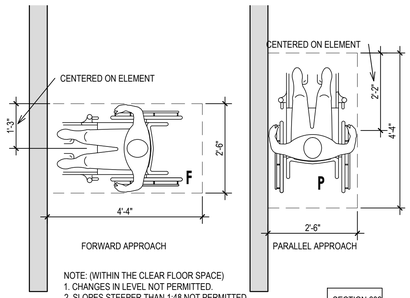
# ACCESSIBLE COMMON SPACE REQUIREMENTS BASED ON ICC/ANSI A117.1-2009




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"

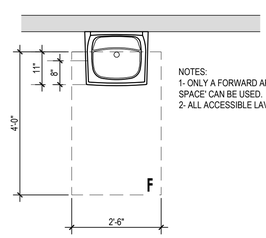



NOTE: (WITHIN THE CLEAR FLOOR SPACE)
1. CHANGES IN LEVEL NOT PERMITTED.
2. SLOPES STEEPER THAN 1:48 NOT PERMITTED.
3. CAN INCLUDE KNEE AND TOE CLEARANCE, U.N.O.
4. EITHER APPROACH CAN BE USED AT AN ELEMENT, U.N.O.
5. DOORS CAN SWING INTO CLEAR FLOOR SPACE, U.N.O.

SECTION 602

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

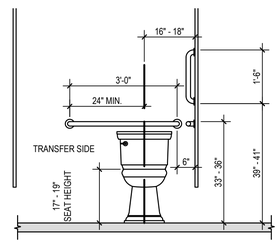
F = FORWARD APPROACH
P = PARALLEL APPROACH




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

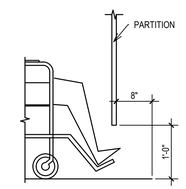
SECTION 606

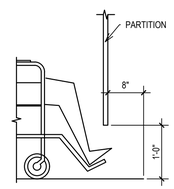
## PUBLIC LAVATORY
C / G103
1/2" = 1'-0"




SECTION 603 & 604.9

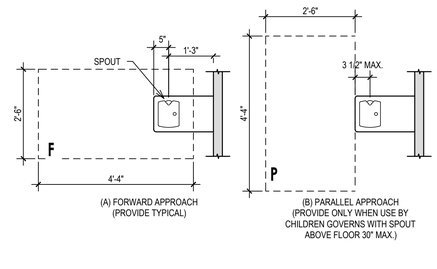
## ACCESSIBLE STALLS
D / G103
1/2" = 1'-0"




SECTION 604.9

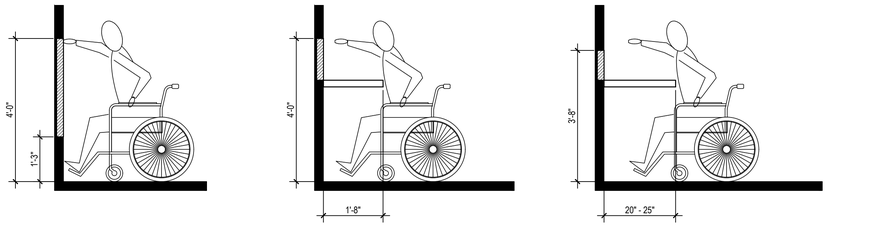
## TOILET STALL TOE CLEARANCE
E / G103
3/4" = 1'-0"




SECTION 602

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

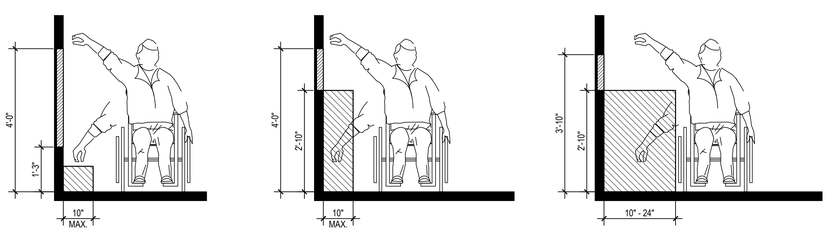
NOTES:
1- AREA REQUIRED FOR KNEE AND TOE CLEARANCE - 30" WIDE MIN.




SECTION 308

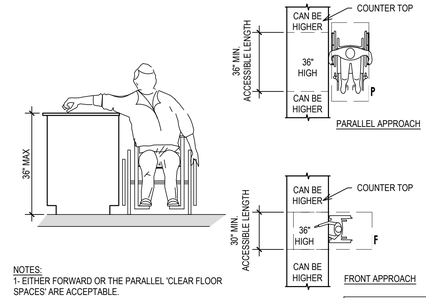
## REACH RANGES FOR FORWARD REACH
G / G103
1/2" = 1'-0"

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




SECTION 308

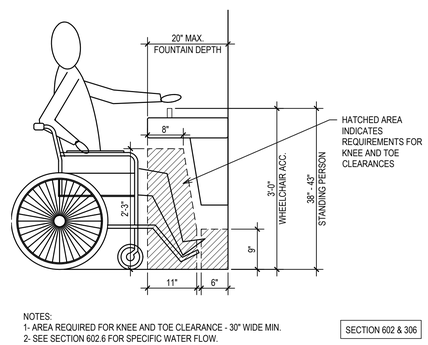
## REACH RANGES FOR SIDE REACH
H / G103
1/2" = 1'-0"




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

SECTION 904

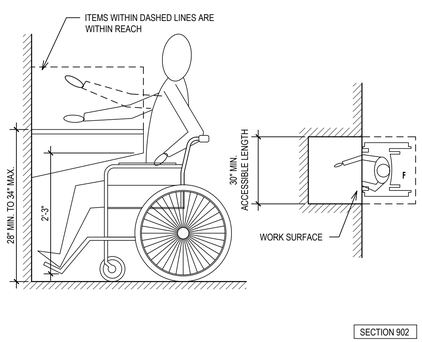
## SERVICE COUNTER
J / G103
1/2" = 1'-0"




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

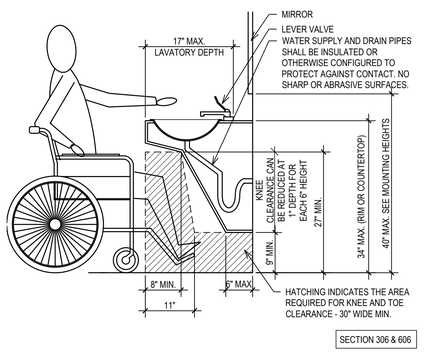
SECTION 602 & 306

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



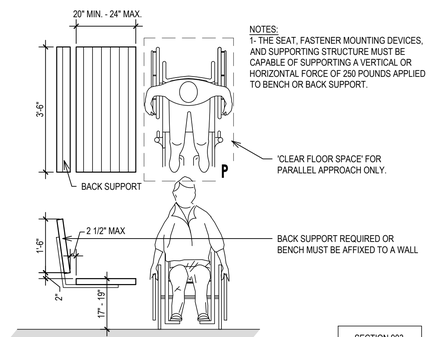

SECTION 902

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




SECTION 306 & 606

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



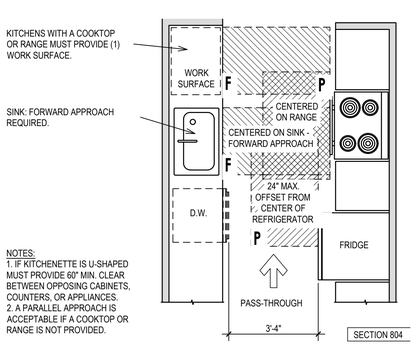

NOTES:
1- THE SEAT, FASTENER MOUNTING DEVICES, AND SUPPORTING STRUCTURE MUST BE CAPABLE OF SUPPORTING A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS APPLIED TO BENCH OR BACK SUPPORT.

'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"

Release Date:
27-OCT-2026


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Project Name:
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WASHINGTON, UT 84780

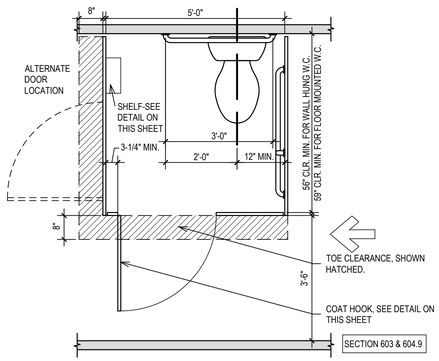
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: ACCESSIBILITY- PUBLIC SPACES

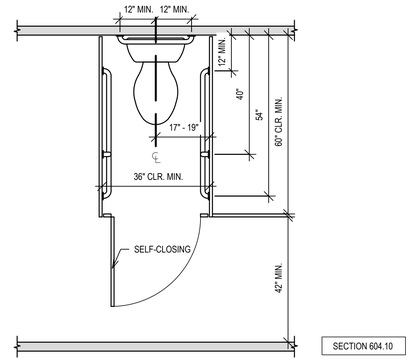
Sheet: G103




## ACCESSIBLE STALLS

1/2" = 1'-0"

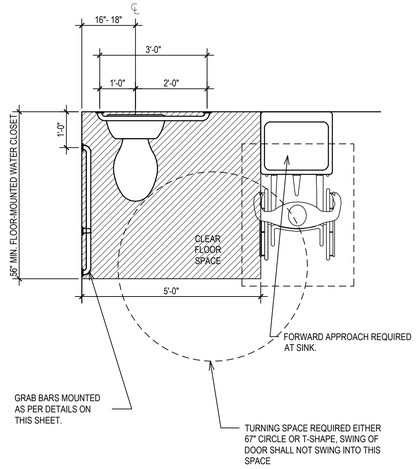
A G104




## AMBULATORY ACCESSIBLE STALL

1/2" = 1'-0"

B G104




ICC/ANSI FIGURE 604.3

NOTES:

1- 604.3.2 OVERLAP. THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, PAPER DISPENSERS, SANITARY NAPKIN RECEPTACLES, COAT HOOKS, SHELVES, ACCESSIBLE ROUTES, CLEAR FLOOR SPACE AT OTHER FIXTURES, AND THE TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE WITHIN THE REQUIRED WATER CLOSET CLEARANCE.

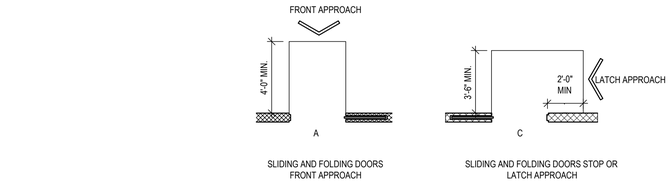
2- 604.6 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 309. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.

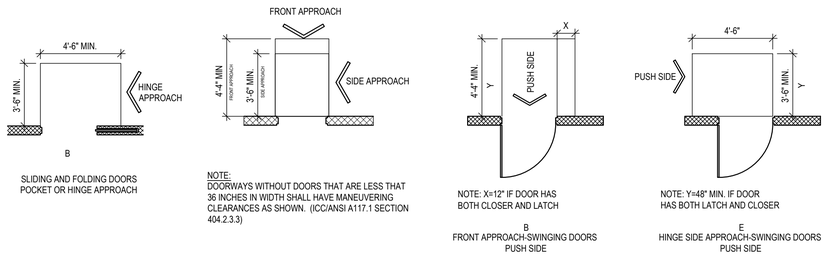
SECTION 603 & 604

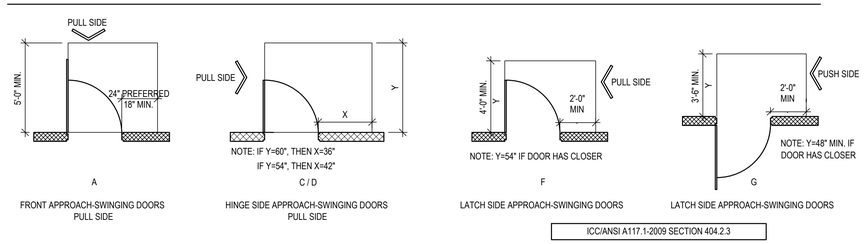
## PUBLIC WATER CLOSETS

1/2" = 1'-0"

D G104



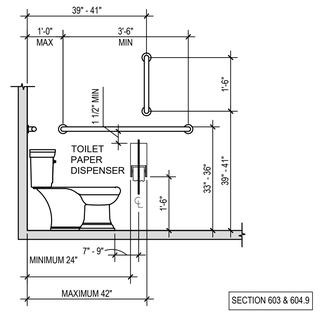




ICC/ANSI A117.1-2009 SECTION 404.2.3

## MANUEVERING CLEARANCES

1/4" = 1'-0"

C G104




## ACCESSIBLE STALLS

1/2" = 1'-0"

E G104


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
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Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: ACCESSIBILITY- PUBLIC SPACES

Sheet: G104

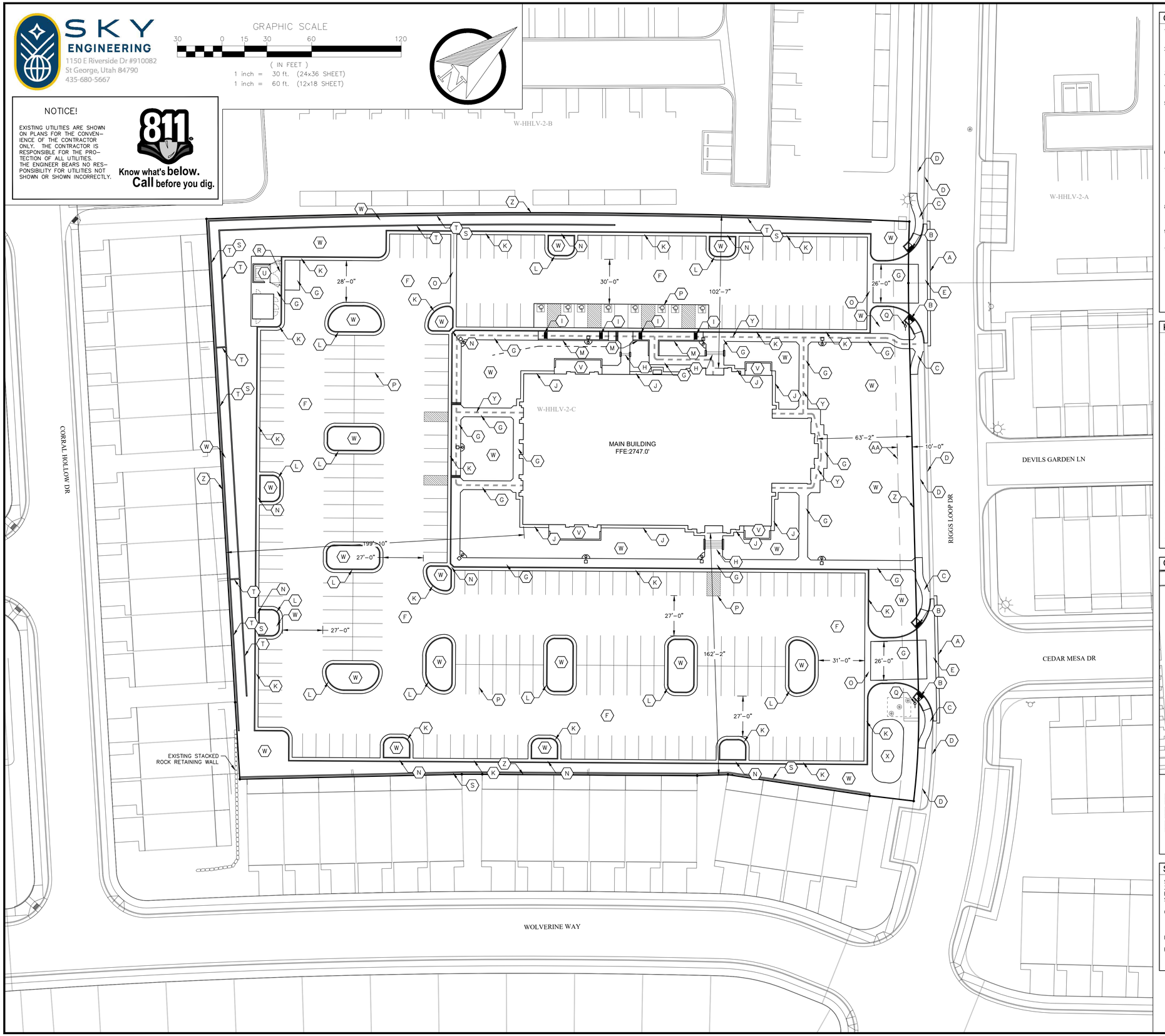
SKY ENGINEERING
1150 E Riverside Dr #910082
St George, Utah 84790
435-680-5667

GRAPHIC SCALE
30 0 15 30 60 120
( IN FEET )
1 inch = 30 ft. (24x36 SHEET)
1 inch = 60 ft. (12x18 SHEET)

NOTICE!

EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVEN-IENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PRO-TECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RES-PONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

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



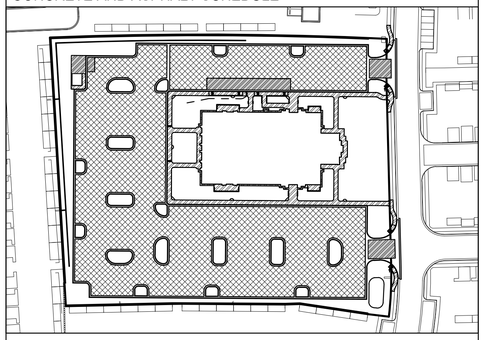

## GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS; ANY OTHER APPLICABLE STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE INTERNATIONAL BUILDING CODE; & ALL LOCAL GOVERNMENT CODES AND ORDINANCES APPLICABLE.
2. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE UNLESS NOTED OTHERWISE. ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED SATISFACTORY TO THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
3. ALL CONSTRUCTION SHALL BE AS SHOWN ON THE PLANS. ANY ALTERATIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS BY A PROFESSIONAL LAND SURVEYOR AT CONTRACTORS EXPENSE.
5. EXISTING UTILITIES ARE SHOWN ON THE PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN, OR SHOWN INCORRECTLY. ALL UTILITY ENTITIES SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION IN THE VICINITY OF THE UTILITY. CONTRACTOR SHALL POTHOLE ALL CRITICAL UTILITY CROSSINGS AT LEAST 500 FEET PRIOR TO CONSTRUCTION AT THE CROSSING AREA. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER AND/OR TELEPHONE FACILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.
6. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL OVERHEAD INTERFERENCE'S WHICH MAY AFFECT HIS OPERATIONS DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME.
7. THE CONTRACTOR SHALL NOT BACKFILL ANY TRENCHES IN WHICH UTILITIES HAVE BEEN UNCOVERED UNTIL THE UTILITIES HAVE BEEN INSPECTED BY THE PERTAINING UTILITY ENTITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE INTERIOR OF ALL PIPE BE CLEAR OF DEBRIS INCLUDING SOIL, ROCKS, TRASH, ETC. IT IS RECOMMENDED THAT THE ENDS OF THE PIPE BE COVERED IN CASE OF STORM RUNOFF OR UTILITY BREAKAGE. ANY CLEANING OF THE PIPE INTERIOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION, INCLUDING BUT NOT LIMITED TO AN AIR QUALITY PERMIT AND THOSE PERTAINING TO STORM WATER (I.E. SWPPP). AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN THE PUBLIC RIGHT OF WAY. ALL PERMITS SHALL BE MAINTAINED AND COPIES KEPT ON-SITE.
9. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND MAINTAIN TRAFFIC FLOW WITHIN ALL PUBLIC RIGHTS-OF-WAY UNLESS ARRANGEMENTS ARE MADE AND WRITTEN APPROVAL GRANTED FROM THE MUNICIPALITY. TRAFFIC CONTROL SHALL CONFORM TO MUTCD STANDARDS.
10. THE CONTRACTOR SHALL INSTALL AN INFORMATIONAL SIGN ON SITE BEFORE CONSTRUCTION BEGINS. THIS SIGN WILL HAVE A MINIMUM SIZE AND LOCATION AS REQUIRED BY THE MUNICIPALITY, INCLUDING INFORMATION WITH THE COMPANY NAME, PHONE CONTACT & GRADING PERMIT NUMBER. THE SIGN SHALL BE INSTALLED PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES AND INITIATING ANY TYPE OF EARTH-MOVING OPERATIONS. THE SIGN SHALL BE INSTALLED AT A PROMINENT LOCATION ON THE PROPERTY NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE. TRAFFIC VISIBILITY SHALL BE MAINTAINED BY PLACING THE SIGN BACK FROM THE MAIN INGRESS/EGRESS LOCATION AND AT ANY APPLICABLE INTERSECTION FOR PROPER SIGHT-TRIANGLE CLEARANCES. THE SIGN MAY BE REMOVED ONCE FINAL STABILIZATION HAS BEEN ACHIEVED ON ALL PORTIONS OF THE SITE FOR WHICH THE PERSON IS RESPONSIBLE AND IS APPROVED BY THE CITY.

## KEYED LEGEND

A. SAWCUT, REMOVE, AND DISPOSE OF 2' OVERCUT INTO EXISTING ASPHALT. TACKCOAT EXISTING EDGE FOR NEW ASPHALT AND PATCH ASPHALT TO MATCH EXISTING SECTION.
B. INSTALL ADA RAMP PER CITY STANDARDS. SEE GRADING PLAN FOR DETAILED GRADING.
C. REMOVE EXISTING PORTION OF SIDEWALK AND INSTALL NEW 5' CONCRETE SIDEWALK PER CITY STANDARDS. SEE CONCRETE AND ASPHALT SCHEDULE, THIS SHEET.
D. EXISTING SIDEWALK, CURB, AND GUTTER TO REMAIN.
E. INSTALL 6'-0" WATERWAY PER CITY STANDARDS.
F. INSTALL HOT MIX ASPHALT. SEE CONCRETE AND ASPHALT SCHEDULE, THIS SHEET.
G. INSTALL CONCRETE. SEE CONCRETE AND ASPHALT SCHEDULE, THIS SHEET, AND E/SD201.
H. INSTALL STAIRS WITH CHEEK WALL AND RAILS. SEE GRADING PLAN AND H/SD201.
I. INSTALL ON-SITE ADA RAMPS. SEE GRADING PLAN AND I/SD202 FOR ADDITIONAL DETAIL AND SIGNAGE SPECIFICATIONS.
J. INSTALL 2'-0" WIDE 4" CONCRETE APRON AROUND BUILDING. SEE F/SD201.
K. INSTALL ON-SITE COLLECTING CURB & GUTTER. SEE B/SD201.
L. INSTALL ON-SITE SHEDDING CURB & GUTTER. SEE C/SD201.
M. INSTALL A-CURB. SEE ARCHITECTURAL DRAWINGS FOR DETAIL.
N. INSTALL U-CHANNEL CURB & GUTTER. SEE L/SD201.
O. INSTALL 4'-0" WATERWAY. SEE G/SD201.
P. INSTALL 4" WHITE PAINTED STRIPING (HIGH-DURABILITY TRAFFIC PAINT) AS SHOWN, INCLUDING CROSS-HATCHING AND ADA MARKINGS.
Q. INSTALL STOP SIGN PER MUTCD AND CITY STANDARDS.
R. INSTALL DRIVEWAY APPROACH. SEE G/SD202.
S. INSTALL 6'-0" BLOCK WALL ALONG NORTH, WEST, AND SOUTH PROPERTY LINES. SEE E/SD203.
T. INSTALL TIERED REINFORCED CONCRETE RETAINING WALLS. SEE GRADING PLAN FOR SECTIONS AND B/SD203.
U. DUMPSTER ENCLOSURE (SCREENED). SEE B/SD201.
V. WALL ENCLOSURE. SEE L/SD202.
W. LANDSCAPING. SEE LANDSCAPE DRAWINGS.
X. DETENTION BASIN. SEE GRADING PLAN.
Y. ACCESSIBLE ROUTE. SEE GRADING PLAN FOR GRADES AND SLOPES.
Z. PROPERTY LINE.
AA. UTILITY EASEMENT.

## CONCRETE AND ASPHALT SCHEDULE



| | ASPHALT | CONCRETE | REBAR | BASE COURSE | SUBBASE |
|---|---|---|---|---|---|
| | 3.0" | – | – | 8.0" | 8.0"* |
| | – | 4.0" | – | 6.0" | –* |
| | – | 6.0" | #4@18" (BOTH WAYS) | 8.0" | –* |

* SEE PROJECT SPECIFICATIONS FOR ADDITIONAL SUBGRADE REQUIREMENTS.

## SITE & UTILITY NOTES

SITE AREA: 4.0 AC
ZONING: PCD, PLANNED COMMUNITY DEVELOPMENT
BUILDING FOOTPRINT: 18,300 SF
SPRINKLERS REQUIRED? YES

OFF-STREET PARKING (ORD 10-19-5)
REQ'D: 303 SEATS x 1/3.5 SPACES EA = 86.6 SPACES
PROVIDED: 253 SPACES, INC. 8 ADA (1 VAN) ACCESSIBLE

IMPERVIOUS AREA: 1.8 AC OR 80,400 SF
PERVIOUS AREA: 1.2 AC OR 51,000 SF

WATER
DEMAND: 116 WSFUs, 47.1 GPM
METER SIZE(S): ONE (1) 1" METER

SEWER
DEMAND: 146 DFUs :. 4" PIPE

POWER
SERVICE: 800A 120/208V 3-PHASE

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:
REGISTERED PROFESSIONAL ENGINEER
10/27/26
NO. 5834913-2202
JARED T. MADSEN
STATE OF UTAH

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
SITE PLAN

Sheet:
C101

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SKY ENGINEERING
1150 E Riverside Dr #910082
St George, Utah 84790
435-680-5667

GRAPHIC SCALE
20 0 10 20 40 80
( IN FEET )
1 inch = 20 ft. (24x36 SHEET)
1 inch = 40 ft. (12x18 SHEET)

## CENTURYLINK NOTES

1. DEVELOPER TO PROVIDE ALL TRENCH AND CENTURYLINK WILL PROVIDE 4"CONDUIT. CONTACT LUIS @ 435-632-6553 1 WEEK IN ADVANCE
2. INSIDE TERMINATION: DEVELOPER TO PROVIDE 4'X8' PLYWOOD BACKBOARD AND A #6 GROUND WIRE TO BUILDING NEUTRAL WITH 120V AC OUTLET ON BACKBOARD. A PERMANENT, GROUNDED 3-PRONG ELECTRICAL OUTLET IS REQUIRED WITHIN 6 FEET OF EQUIPMENT LOCATION. *WE RECOMMEND A STANDARD DUPLEX OUTLET, CALLED NEMA 5-15R. *LUMEN ELECTRONICS NEED TO BE POWERED BY 120 VAC (15-30 AMP) DEDICATED CIRCUIT.
   OUTSIDE TERMINATION: DEVELOPER TO PROVIDE 30"X 30"X10" WEATHERPROOF BOX AND A #6 GROUND WIRE TO BUILDING NEUTRAL WITH A 120V AC OUTLET LOCATED IN THE LEFT OR RIGHT HAND LOWER A PERMANENT, GROUNDED 3-PRONG ELECTRICAL OUTLET IS REQUIRED WITHIN 6 FEET OF EQUIPMENT LOCATION...*WE RECOMMEND A STANDARD DUPLEX OUTLET, CALLED NEMA 5-15R. *LUMEN ELECTRONICS NEED TO BE POWERED BY 120 VAC (15-30 AMP) DEDICATED CIRCUIT.
3. CONTACT CENTURYLINK ENGINEER AT 385-244-7763 OR DARRIN.ALLEN@LUMEN.COM 45 DAYS BEFORE ANY SERVICE IS REQUIRED TO SETUP SITE VISIT AND REPORT ANY CHANGES TO JUC APPROVED PLANS.
4. ANY CENTURYLINK FACILITY RELOCATIONS ASSOCIATED WITH PROJECT WILL BE BILLABLE TO OWNER/DEVELOPER AND MUST BE SCHEDULED A MINIMUM OF 45 DAYS IN ADVANCE.

## INFOWEST, CATV / FIBER OPTIC NOTES

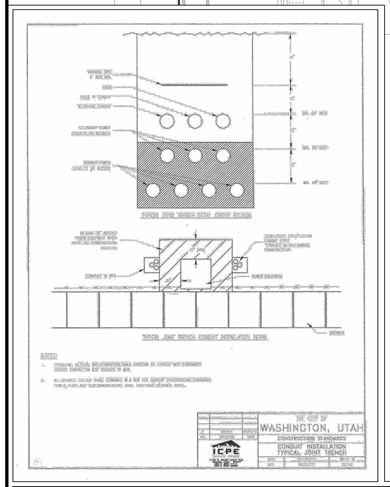
1. DEVELOPER TO PROVIDE ALL REQUIRED TRENCHING WITHIN THE PROJECT.
2. ANY MODIFICATIONS REQUIRED TO FEED PROJECT WILL BE BILLED TO THE DEVELOPER.
3. INFOWEST WILL PROVIDE ALL CONDUITS, CALL 435-272-3559 OR EMAIL JUC@INFOWEST.COM FOR CONDUIT DELIVERY AT LEAST ONE (1) WEEK PRIOR TO OPENING THE TRENCH.
4. FOR COMMERCIAL PROJECTS WITH AN MDF/COMM ROOM, DEVELOPER WILL INSTALL A 2" PVC RUN TO THE EXTERIOR OF THE BUILDING.
5. ANY QUESTIONS REGARDING SERVICE SHOULD BE DIRECTED TOWARDS GAB TREMBLAY, 435-272-3559 OR JUC@INFOWEST.COM
6. RELOCATION OF NEW OR EXISTING GO FIBER FACILITIES IS BILLABLE TO THE DEVELOPER. THE DEVELOPER WILL BE PROVIDED WITH AN ESTIMATE OF COSTS FOR WORK DONE.

## TDS AND CABLE TV / BROADBAND NOTES

1. THE DEVELOPER WILL PROVIDE ALL REQUIRED TRENCH WITHIN THE PROJECT. ANY MODIFICATIONS ALONG THE PERIPHERY TO FEED THIS PROJECT WILL BE BILLED TO THE DEVELOPER.
2. TDS WILL PLACE CONDUITS IN AN OPEN/JOINT TRENCH. PLEASE CONTACT TDS ENGINEERING AT 435-288-1415 AT LEAST 3 WEEKS PRIOR TO OPENING TRENCH TO CREATE DESIGN AND SCHEDULE WORK.
3. CONTACT TDS PRIOR TO CONSTRUCTING BUILDINGS FOR PREWIRE OPTIONS FOR FIBER OPTIC SERVICE. ANY OTHER QUESTIONS REGARDING CONSTRUCTION OF SERVICE SHOULD BE DIRECTED TO TDS ENGINEERING AT 435-288-1415.
4. RELOCATION OF NEW OR EXISTING TDS FACILITIES WILL BE BILLABLE TO THE DEVELOPER/CONTRACTOR
5. ANY MODIFICATIONS AFTER CONDUIT/CABLE PLACEMENT WILL BE BILLABLE TO THE DEVELOPER/CONTRACTOR AS WILL DAMAGES CAUSED BY OTHER CONTRACTORS WORKING FOR THE DEVELOPER ON THIS PROJECT.

## DIXIE POWER JUC NOTES

1. THE POWER DESIGN ON THIS UTILITY PLAN IS CONSIDERED BY DIXIE POWER TO BE PRELIMINARY UNTIL ACCOMPANIED BY A JUC APPROVAL STAMP. UPON RECEIPT OF THE JUC APPROVED DRAWING, DIXIE POWER'S ENGINEERING DEPARTMENT SHALL COMMENCE WITH THE FINAL CONSTRUCTION ESTIMATE. CONSTRUCTION ON THIS PROJECT WILL NOT COMMENCE UNTIL ALL CONSTRUCTION PAYMENTS HAVE BEEN MADE IN FULL.
2. ALL PRIMARY AND SECONDARY POWER INSTALLATION SHALL BE PERFORMED BY DIXIE POWER AND ITS APPROVED CONSTRUCTION CREWS. IF BACKFILL AND COMPACTION IS TO BE PROVIDED BY OWNER, ALL CONDUITS SHALL BE SAND BEDDED BEFORE NATIVE BACKFILL CAN BE UTILIZED.
3. IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE LOCATIONS AND ELEVATIONS FOR EACH OF THE FACILITIES THAT ARE TO BE INSTALLED WITH THIS PROJECT. IF OVERHEAD POWER LINES ARE BEING CONSTRUCTED, THE FINAL GRADE OF THE EASEMENT SHALL BE ESTABLISHED BEFORE CONSTRUCTION CAN BEGIN. IF THE GRADE CHANGES AFTER THE CONSTRUCTION HAS BEEN COMPLETED, THE COSTS TO CHANGE THE ELEVATION SHALL BE BILLABLE TO THE OWNER.
4. ALL JUC TRENCHES SHALL BE BACKFILLED AND COMPACTED IN 6 TO 8" LIFTS TO A COMPACTION OF 95% IN ROADWAYS/SIDEWALKS AND 90% BEHIND SIDEWALKS AND AT ALL PREPARED TRANSFORMER PAD AND HEAVY HARDWARE LOCATIONS. TESTING IS TO BE DONE AT MIDDLE AND TOP OF TRENCH.
5. FIELD DENSITY REPORTS FROM AN ACCREDITED GEOTECHNICAL ENGINEERING COMPANY SHALL BE SUBMITTED TO DIXIE POWERS ENGINEERING DEPARTMENT UPON COMPLETION OF THE PROJECT.
6. ALL CHANGES TO EXISTING GRADES NEAR EXISTING POWER UTILITIES MUST BE APPROVED BY DIXIE POWER'S ENGINEERING DEPARTMENT PRIOR TO CONSTRUCTION. BLUE STAKES PROTOCOL SHALL BE FOLLOWED AT ALL TIMES.
7. ANY IN FIELD CHANGES TO THE JUC APPROVED POWER DESIGN WILL BE AT THE OWNER'S EXPENSE AND MUST BE PRE-APPROVED AND DOCUMENTED BY DIXIE POWER PRIOR TO INSTALLATION.
8. OVERHEAD POWER LINE EASEMENTS SHALL NOT BE LANDSCAPED WITH TREES THAT GROW MORE THAT 15 FT AT MAXIMUM MATURITY. ALL UNDERGROUND FACILITIES SHALL BE LEFT OPEN FROM LANDSCAPING (15FT IN FRONT AND 5FT ON SIDES AND BACK FOR TRANSFORMERS AND SWITCHES AND 15 FT IN FRONT AND BACK FOR PMH HARDWARE) FOR EASE OF ACCESS.
9. PLEASE REFERENCE WWW.DIXIEPOWER.COM FOR INFORMATION ON OUR METERING STANDARDS AND INSTALLATION GUIDELINES.




## ENBRIDGE ENERGY GAS NOTES

1. DEVELOPER NEEDS TO CONTACT ENBRIDGE ENERGY PRE-CONSTRUCTION DEPARTMENT, PRIOR TO BREAKING GROUND FOR GAS SIGN UP. DJ CAMPBELL 435-674-6154 FOR WASHINGTON CITY AREA.
2. DEVELOPER WILL BE RESPONSIBLE TO GET ALL COMPACTION TEST DONE AT DEVELOPER'S EXPENSE.
3. IF CASINGS/CONDUITS ARE NEEDED, THEY ARE TO BE INSTALLED BY DEVELOPER AT THEIR COST. A MAP WILL BE AVAILABLE AT ENBRIDGE ENERGY GAS FOR CASING LOCATIONS (1155 E 350 N, ST GEORGE).
4. ALL OF THE 10' UTILITY EASEMENTS BACK OF SIDEWALK WILL BE GRADED, AT FULL 10 FOOT WIDTH, TO WITHIN 6 INCHES OF TOP BACK OF CURB BEFORE GAS LINES WILL BE INSTALLED. **NO RETAINING, ROCK, OR BLOCK WALLS MAY BE CONSTRUCTED ON/IN A PUE**DEVELOPER WILL BE RESPONSIBLE FOR THE COSTS OF ANY GAS LINES TO BE LOWERED AND/OR RELOCATED AFTER INSTALLATION.**
5. ALL TRENCHES SHALL BE BACKFILLED AND ALL DEBRIS, CONSTRUCTION MATERIALS AND EXCESS DIRT PILES SHALL BE CLEARED AWAY.
6. PROPERTY LOT LINES, BACK OF CURB & GRADE MUST BE STAKED BY DEVELOPER BEFORE GAS WILL BE INSTALLED.
7. POWER, WATER, SEWER LINES, CULVERTS OR OTHER HAZARDS NOT CLEARLY NOTICEABLE SHALL BE STAKED BY DEVELOPER.
8. FAILURE TO COMPLY WITH THE ABOVE NOTES WILL RESULT IN DELAY OF SERVICE TO THIS PROJECT.
9. CONTACT JC HALL, 435-210-0729, AT LEAST TWO WEEKS PRIOR TO BEING READY, FOR SCHEDULING OF INSTALLATION.
10. **IMPORTANT NOTICE** GAS WILL BE PUT ON THE SCHEDULE FOR INSTALLATION WHEN POWER TRENCH IS BURIED, STREETS ARE WITHIN 6" OF SUBGRADE, AND THE 10' UTILITY EASEMENT IS GRADED TO TOP BACK OF CURB.
11. HIGH PRESSURE GAS NOTE:
    CONTRACTOR IS REQUIRED TO CALL HIGH PRESSURE DISPATCH AT 801-324-3370, AT LEAST 48 HOURS IN ADVANCE, BEFORE WORKING WITHIN 10 FEET OF A HIGH PRESSURE GAS LINE. THIS WILL SCHEDULE A ENBRIDGE ENERGY HIGH PRESSURE INSPECTOR TO THE PROJECT SITE.

## WASHINGTON CITY WATER NOTES

1. ALL WATERLINE WORKS MUST BE INSTALLED BY A CONTRACTOR THAT HAS BEEN PRE-QUALIFIED BY THE WASHINGTON CITY WATER DEPARTMENT.
2. ALL CONSTRUCTION SHALL CONFORM TO THE "WASHINGTON CITY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION", "THE INTERNATIONAL PLUMBING CODE", AND THE "UNIFORM BUILDING CODE" LATEST EDITION AS ADMINISTERED BY THE CITY.
3. CONTRACTOR SHALL POTHOLE ALL PIPELINES AND VERIFY LOCATION AND DEPTH PRIOR TO PROCEEDING WITH ANY BUILDING OR PIPELINE CONSTRUCTION. IF THE FIELD CONDITION VARIES FROM DESIGN, THE CONTRACTOR IS RESPONSIBLE FOR COSTS DUE TO CHANGES IN CONDITION. CITY MAPS ARE "BEST KNOWLEDGE" AND APPROXIMATE.
4. THE POTABLE WATER SUPPLY TO LAWN IRRIGATION SYSTEMS SHALL BE PROTECTED AGAINST BACKFLOW PER THE "INTERNATIONAL PLUMBING CODE (IPC)" SECTION 608.16.5 AND FOR FIRE SPRINKLER SYSTEMS PER (IPC) 608.16.4.
5. ALL BACKFLOW ASSEMBLY INSTALLATION AND TEST REQUIREMENTS SHALL BE IN ACCORDANCE WITH WASHINGTON CITY STANDARDS.
6. 14 GAUGE WIRE SHALL BE TAPED TO ALL WATER LINES FOR LOCATING PURPOSES. THE WIRE SHALL ALSO BE BROUGHT UP AT EACH VALVE BOX AND HYDRANT.
7. THRUST RESTRAINT ON THE NEW PIPELINE WILL BE AS SHOWN ON THE DETAILS. USE MEGA-LUG ON THE FITTINGS AND FIELD LOCK GASKETS ON THE REQUIRED LENGTH OF RESTRAINED PIPE.
8. ASPHALT REPLACED OVER THE PIPE TRENCHING IS TO MATCH EXISTING PAVEMENT DEPTHS WITH A 6" OVER CUT FROM EDGE OF THE TRENCH ON EACH SIDE OF THE TRENCH.
9. CONTRACTORS SHALL CUT OFF AND CAP (BACK AT THE WATER MAIN) ALL EXISTING SERVICE LINES OR UNUSED STUB LINES THAT WILL BE ABANDONED.
10. ANY CHANGE MADE IN THE FIELD MUST BE FIRST APPROVED AND DOCUMENTED BY THE CITY OF ST. GEORGE.
11. ALL NEW FIRE HYDRANTS SHALL BE INSTALLED AT THE CORRECT HEIGHT. RISERS WILL NOT BE ALLOWED.
12. IRRIGATION WATER WORKS MAY REQUIRE ADDITIONAL APPROVALS FROM RESPECTIVE IRRIGATION COMPANIES.

REPLACE EXISTING ELBOW WITH (1) 8" TEE, (3) 8" GATE VALVES, AND (1) 45° ELBOW (VERTICAL, SEE PROFILE)
SAWCUT, REMOVE, & REPLACE EXISTING CURB, GUTTER, AND ASPHALT AS NEED TO MAKE NEW WATER CONNECTION
INSTALL 8" C900 PVC WATER LINE
INSTALL 8" 45° ELBOW (HORIZONTAL) AND 45° ELBOW (VERTICAL, SEE PROFILE)
INSTALL 8" C900 PVC WATER LINE
INSTALL 6" C900 PVC WATER LINE
INSTALL FIRE HYDRANT ASSEMBLY
INSTALL 6" 45° ELBOW
INSTALL (1) 8x6 TEE, (1) 8x6 REDUCER, & (1) 6" GATE VALVE
INSTALL 8" C900 PVC WATER LINE
INSTALL 8" TEE AND (3) 8" GATE VALVES
INSTALL 8" 45° ELBOW
INSTALL 8" C900 PVC WATER LINE
INSTALL 8" 90° ELBOW
INSTALL 8" C900 PVC WATER LINE
INSTALL 6" C900 PVC WATER LINE
INSTALL 6" 90° ELBOW
INSTALL 8" 45° ELBOW
INSTALL 8" C900 PVC WATER LINE
EXTEND 3ø PRIMARY POWER PER DIXIE POWER
CONNECT TO EXISTING POWER SWITCHBOX
EASEMENT REQUIRED FOR PRIMARY POWER EXTENSION AND TRANSFORMER
INSTALL TELECOMMUNICATIONS LINES TO DEMARCATION (SEE ARCHITECTURAL DRAWINGS) WITH PULL BOXES AS REQ'D. COORDINATE WITH RESPECTIVE UTILITIES.
5'-0" CLR TYPICAL
CITY-APPROVED BACKFLOW VALVE AND CONNECTION TO LANDSCAPE IRRIGATION. SEE LANDSCAPE DRAWINGS.
FIRE RISER CONNECTION. SEE MECHANICAL DWGS.
225 kVA 120/208V, 3ø TRANSFORMER. SEE ELECTRICAL PLANS.
POWER 800A PANEL & METER
CULINARY CONNECTION. SEE MECHANICAL DWGS.
MAIN BUILDING FFE:2747.0'
SEE SHEET C204 FOR WATER PROFILE
GAS METER
NEW GAS. COORDINATE WITH ENBRIDGE.
EASEMENT REQUIRED FOR GAS EXTENSION TO METER
SEE C202 FOR SEWER
ALL UTILITY IMPROVEMENTS TO BE INSTALLED PER CITY AND UTILITY STANDARD DETAILS, INCLUDING PIPE TRENCHING, ASPHALT PATCHING, RESTRAINTS, VALVES, HYDRANTS, TRANSFORMER, JOINT UTILITIES, ETC. UNLESS NOTED OTHERWISE.
CONNECTION TO EXISTING 8" WATER STUB WITH SOLID SLEEVE COUPLER
PROTECT IN PLACE EXISTING PRV STATION
EXISTING FIRE HYDRANT
EXISTING 8" WATER (LOW PRESSURE ZONE)
EXISTING 16" WATER (HIGH PRESSURE ZONE)
EXISTING IRRIGATION (DRY)
EXISTING 36" STORM DRAIN
SEE C203 FOR STORM DRAIN
DEVILS GARDEN LN
EXTEND 1 1/2" POLY PIPE (CULINARY) TO BUILDING
EXTEND 1 1/2" POLY PIPE (IRRIGATION) TO LANDSCAPE BACKFLOW VALVE
RIGGS LOOP DR
INSTALL NEW 1" METER (SEE SITE & UTILITY NOTES) PER CITY STD
INSTALL NEW LATERAL OFF WATER MAIN AND 1" IRRIGATION METER
INSTALL IRRIGATION BOX PER CITY STANDARD
CEDAR MESA DR
FIELD VERIFY SIZE OF EXISTING IRRIGATION STUB. PROVIDE CAP WITH 1" OUTLET AND EXTEND 1" POLY PIPE IRRIGATION LATERAL TO IRRIGATION BOX.
CONNECT TO EXISTING GAS. COORDINATE WITH ENBRIDGE ENERGY.
EXISTING FIRE HYDRANT

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Release Date:
27-OCT-2026

Stamp:
REGISTERED PROFESSIONAL ENGINEER
10/27/26
NO. 5834913-2202
JARED T. MADSEN
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (DD-MM-YY) | Description |
|---|---|---|

Project Number: PCA-2610
Plan Series: G300-MH-11
Property Number: 501-8721-26010101

Sheet Title: UTILITY PLAN

Sheet: C201

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SKY ENGINEERING
1150 E Riverside Dr #910082
St George, Utah 84790
435-680-5667

GRAPHIC SCALE
20 0 10 20 40 80
( IN FEET )
1 inch = 20 ft. (24x36 SHEET)
1 inch = 40 ft. (12x18 SHEET)

## PRETREATMENT NOTES

1. A 'FOOD SERVICE ESTABLISHMENT' IS DEFINED AS ANY BUILDING, VEHICLE, PLACE, OR STRUCTURE, OR ANY ROOM OR DIVISION IN A BUILDING, VEHICLE, PLACE, OR STRUCTURE, WHERE: (A) FOOD IS PREPARED, SERVED, OR SOLD FOR IMMEDIATE CONSUMPTION ON OR IN THE VICINITY OF THE PREMISES; (B) CALLED FOR OR TAKEN OUT BY CUSTOMERS; OR (C) PREPARED PRIOR TO BEING DELIVERED TO ANOTHER LOCATION FOR CONSUMPTION.(ORD. 8-4-14-2)
2. ALL NEWLY CONSTRUCTED COMMERCIAL STRUCTURES, STRIP MALLS, MULTI-TENANT PLANNED OCCUPIED BUILDINGS, OR PLANNED UNOCCUPIED BUILDINGS, SHALL INSTALL INDEPENDENT WASTEWATER DISCHARGE LINES STUBBED OUT WITHIN EACH DESIGNATED FUTURE FOOD ESTABLISHMENT UNIT. IF A NEW SOURCE COMMERCIAL STRUCTURE, STRIP MALL, OR MULTI-TENANT BUILDING HAS PLANNED OCCUPANCY BY ONE OR MORE BUSINESSES THAT DO NOT GENERATE FOG, AND THEREFORE DO NOT NEED A GREASE INTERCEPTOR, AND THE OWNER OF THE STRUCTURE DOES NOT FACILITATE THE INSTALLATION OF INDEPENDENT WASTEWATER DISCHARGE LINES AND INSTALL A COMMON INTERCEPTOR, THEN NO FUTURE FOOD ESTABLISHMENT SHALL BE PERMITTED, UNLESS THE FACILITIES ARE RETROFITTED FOR INDEPENDENT LINES.(ORD. 8-4-14-3)
3. ALL PLANS PROPOSING TO INSTALL AN INTERCEPTOR MUST INCLUDE THE CITY OF ST. GEORGE STANDARD DETAIL. (ORD. 8-4-14-3)
4. THE DISCHARGE OF WASTEWATER WITH TEMPERATURES IN EXCESS OF ONE HUNDRED FORTY DEGREES FAHRENHEIT (140°F) TO ANY FOGS CONTROL DEVICE, INCLUDING INTERCEPTORS AND TRAPS, IS PROHIBITED. (ORD. 8-4-14-4)
5. INSTALLATION AND USE OF FOOD GRINDERS IN NEW AND/OR REMODELED FSE'S ARE NOT RECOMMENDED. (ORD. 8-4-14-4)
6. ALL DRAINS NEAR CHEMICAL STORAGE SHALL BE PLUGGED AND/OR CHEMICALS SHALL HAVE SECONDARY CONTAINMENT TO PREVENT DISCHARGE INTO THE SANITARY SEWER.
7. ALL KITCHEN FIXTURES (INCLUDING MOP SINKS AND EXCLUDING HAND WASHING SINKS AND ICE MACHINES) MUST DISCHARGE TO THE GREASE WASTE LINE THAT FLOWS INTO THE GREASE INTERCEPTOR. PRIOR TO OCCUPANCY AND/OR THE ISSUANCE OF THE BUSINESS LICENSE AND FOLLOWING THE INTERCEPTOR LEAK TEST APPROVAL, ALL KITCHEN FIXTURES MUST PASS A DYE TEST PERFORMED BY THE PRETREATMENT DEPARTMENT. REQUEST A DYE TEST FROM THE PRETREATMENT DEPARTMENT BY VISITING PRETREATMENT.SGCITY.ORG WHEN ALL KITCHEN FIXTURES ARE INSTALLED, PLUMBED TO THE GREASE INTERCEPTOR, AND HAVE RUNNING WATER TO THEM. ANY QUESTIONS CAN BE DIRECTED TO (435) 627-4266.
8. NO USER SHALL INTRODUCE OR CAUSE TO BE INTRODUCED INTO THE POTW ANY POLLUTANT OR WASTEWATER AS OUTLINED IN ORD. 8-4-2.1 (PROHIBITED DISCHARGE STANDARDS).

MAIN BUILDING
FFE:2747.0'

SEE SHEET C204 FOR SEWER PROFILES

INSTALL CLEANOUT
STA: 20+00
RIM: 2746.42
INV: 2743.00

4" SDR35 PVC
L=12.4
S=14.2%

INSTALL CLEANOUT
STA:10+00
RIM: 2746.40
INV: 2743.00

INSTALL CLEANOUT
STA: 30+00
RIM: 2746.44
INV: 2743.00

4" SDR35 PVC L=12.5 S=28.5%

4" SDR35 PVC L=12.4 S=2.1%

INSTALL CLEANOUT
STA:10+13
RIM: 2745.19
INV: 2742.74

INSTALL CLEANOUT
STA:10+78
RIM: 2744.02
INV: 2741.24

INSTALL CLEANOUT
STA:11+48
RIM: 2743.24
INV: 2739.43

4" SDR35 PVC L=64.5 S=2.3%

6" SDR35 PVC L=69.8 S=2.6%

6" SDR35 PVC L=90.2 S=4.5%

INSTALL CLEANOUT
STA:12+84
RIM: 2737.73
INV: 2728.43

INSTALL CLEANOUT
STA:12+39
RIM: 2739.43
INV: 2735.37

6" SDR35 PVC L=44.3 S=15.6%

EXISTING SMH
RIM: 2733.00
INV IN NW: 2729.48
INV OUT SE: 2729.48

EXISTING
8" SEWER

EXISTING SMH
RIM: 2737.43
INV IN NW: 2727.94
INV IN SW: 2727.94
INV OUT SE: 2727.94

DEVILS GARDEN LN
RIGGS LOOP DR
CEDAR MESA DR

Release Date:
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Project Number: PCA-2610
Plan Series: G300-MH-11
Property Number: 501-8721-26010101

Sheet Title: UTILITY PLAN - SEWER

Sheet: C202

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SKY ENGINEERING
1150 E Riverside Dr #910082
St George, Utah 84790
435-680-5667

GRAPHIC SCALE
20 0 10 20 40 80
( IN FEET )
1 inch = 20 ft. (24x36 SHEET)
1 inch = 40 ft. (12x18 SHEET)

INSTALL CURB INLET STA: 10+00 TBC: 2748.59 INV OUT E: 2743.00
12" ADS N12 L=83.7 S=2.7%
INSTALL CURB INLET STA: 10+87 TBC: 2746.33 INV IN W: 2740.73 INV IN SE: 2740.73 INV IN E: 2742.23 INV OUT NE: 2740.73
6" ADS N12 L=33.0 S=0.5%
12" ADS N12 L=253.6 S=1.2%
INSTALL CURB INLET STA:13+42 TBC: 2742.54 INV IN SW:2737.60 INV IN S: 2738.75 INV OUT SE:2737.60
EXISTING CURB INLET TBC: 2738.12 36" INV IN: 2733.54 NW 36" INV OUT: 2733.54 SE
WYE CONNECTION INV: 2742.40
12" ADS N12 L=35.0 S=3.6%
INSTALL AREA DRAIN STA: 20+00 RIM: 2746.01 INV OUT NW: 2742.00
4" ADS N12 L=6.4 S=9.4%
4" ADS N12 L=53.0 S=1.0%
INSTALL NYLOPLAST DRAIN SEE Q/SD201 INV: 2742.93
INSTALL NYLOPLAST DRAIN SEE Q/SD201 AND MECH DWGS INV: 2743.00
4" ADS N12 L=6.4 S=1.1%
INSTALL NYLOPLAST DRAIN SEE Q/SD201 INV: 2742.80
4" ADS N12 L=9.7 S=2.1%
INSTALL NYLOPLAST DRAIN SEE Q/SD201 AND MECH DWGS INV: 2743.00
4" ADS N12 L=35.7 S=2.0%
4" ADS N12 L=42.7 S=2.0%
WYE CONNECTION INV: 2742.08
4" ADS N12 L=9.7 S=9.5%
4" ADS N12 L=38.3 S=4.7%
WYE CONNECTION INV: 2741.22
6" ADS N12 L=42.8 S=5.8%
MAIN BUILDING FFE:2747.0'
SEE SHEET C204 FOR STORM DRAIN PROFILES
EXISTING 36" STORM DRAIN
DEVILS GARDEN LN
INSTALL NYLOPLAST DRAIN SEE Q/SD201 AND MECH DWGS INV: 2743.00
12" ADS N12 L=155.3 S=1.6%
4" ADS N12 L=41.0 S=10.4%
6" ADS N12 L=42.8 S=2.0%
WYE CONNECTION INV: 2738.75
8" ADS N12 L=42.1 S=6.1%
RIGGS LOOP DR
INSTALL CURB INLET STA: 40+00 TBC: 2745.02 INV OUT NE: 2740.20
4" ADS N12 L=51.2 S=2.0%
4" ADS N12 L=12.4 S=4.2%
INSTALL NYLOPLAST DRAIN SEE Q/SD201 INV: 2742.49
4" ADS N12 L=12.4 S=12.4%
4" ADS N12 L=12.4 S=21.5%
4" ADS N12 L=12.4 S=27.3%
WYE CONNECTION INV: 2741.46
4" ADS N12 L=55.9 S=2.0%
12" ADS N12 L=275.6 S=1.9%
WYE CONNECTION INV: 2740.33
WYE CONNECTION INV: 2739.61
INSTALL CURB INLET STA:15+01 TBC: 2740.79 INV IN NW: 2735.05 INV IN SW:2736.20 INV IN SW:2735.05 INV OUT SE: 2735.05
6" ADS N12 L=35.7 S=2.0%
CEDAR MESA DR
12" ADS N12 L=127.9 S=1.2%
CONNECT TO EXISTING CURB INLET STA: 16+89 TBC: 2736.97 INV IN S: 2728.10 INV IN NW: 2728.10 INV OUT SE: 2728.10
INSTALL CURB INLET STA:16+32 TBC: 2737.03 INV IN NW:2733.47 INV IN SW: 2733.47 INV OUT NE: 2733.47
12" ADS N12 L=199.9 S=2.0%
12" ADS N12 L=24.6 S=19.9%
INSTALL AREA DRAIN * BASIN OUTLET STA:16+61 RIM: 2736.09 INV OUT N: 2733.00
INSTALL CURB INLET STA: 30+00 TBC: 2742.46 INV OUT NE: 2737.46
12" ADS N12 L=6.4 S=1.9%
INSTALL 12" STANDARD FLARED END SECTION STA:16+38 FL: 2733.35
DETENTION BASIN

Release Date: 27-OCT-2026

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P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp: REGISTERED PROFESSIONAL ENGINEER 10/2/2026 NO. 5834913-2202 JARED T. MADSEN STATE OF UTAH

Project Name: LONG VALLEY GRANGER 300 MEETINGHOUSE WASHINGTON, UT 84780

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

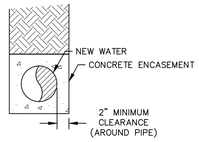
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Project Number: PCA-2610
Plan Series: G300-MH-11
Property Number: 501-8721-26010101

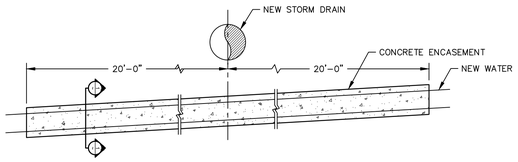
Sheet Title: UTILITY PLAN - STORM DRAIN

Sheet: C203

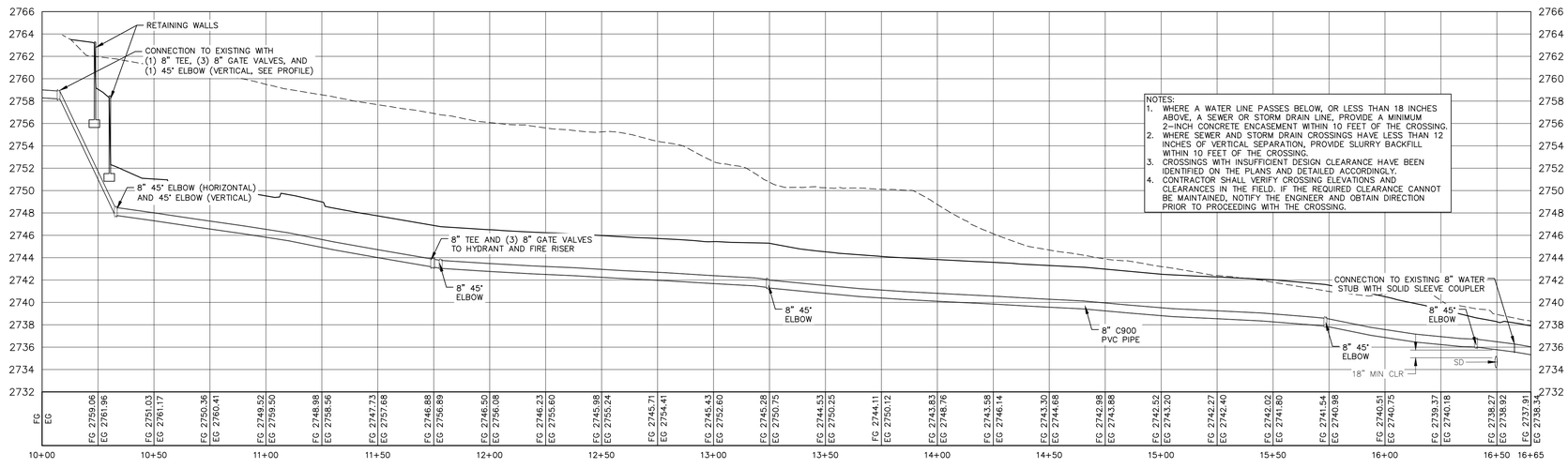
SKY ENGINEERING
1150 E Riverside Dr #910082
St George, Utah 84790
435-680-5667



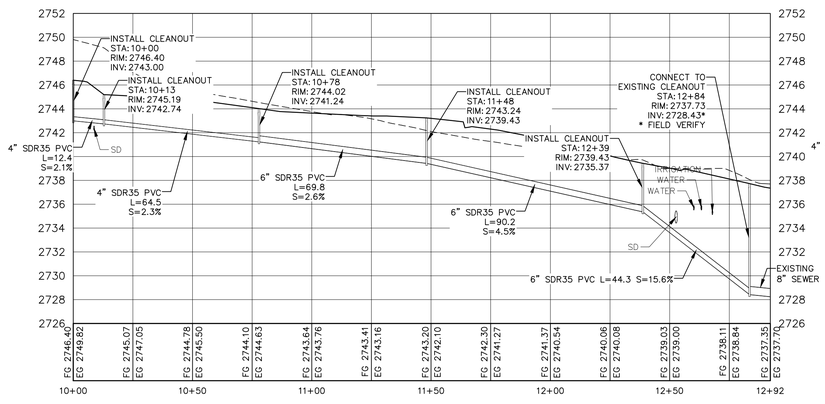

SECTION 1–1
NTS



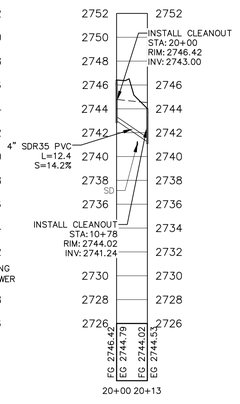

A WATER AND STORM DRAIN CROSSING
NTS



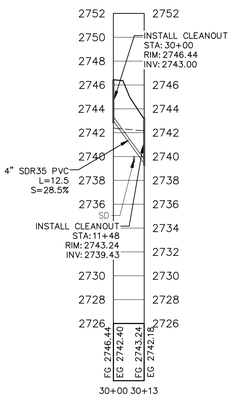

WATER PROFILE (STA:10+00)
SCALE: 1" = 30' 5x VERTICAL EXAGGERATION



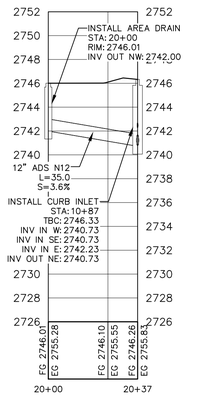

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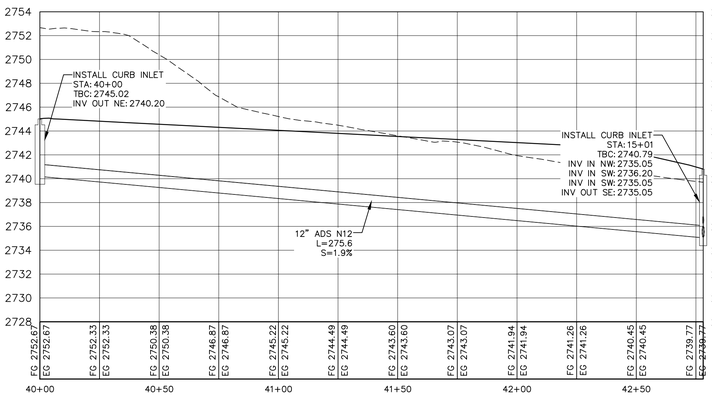

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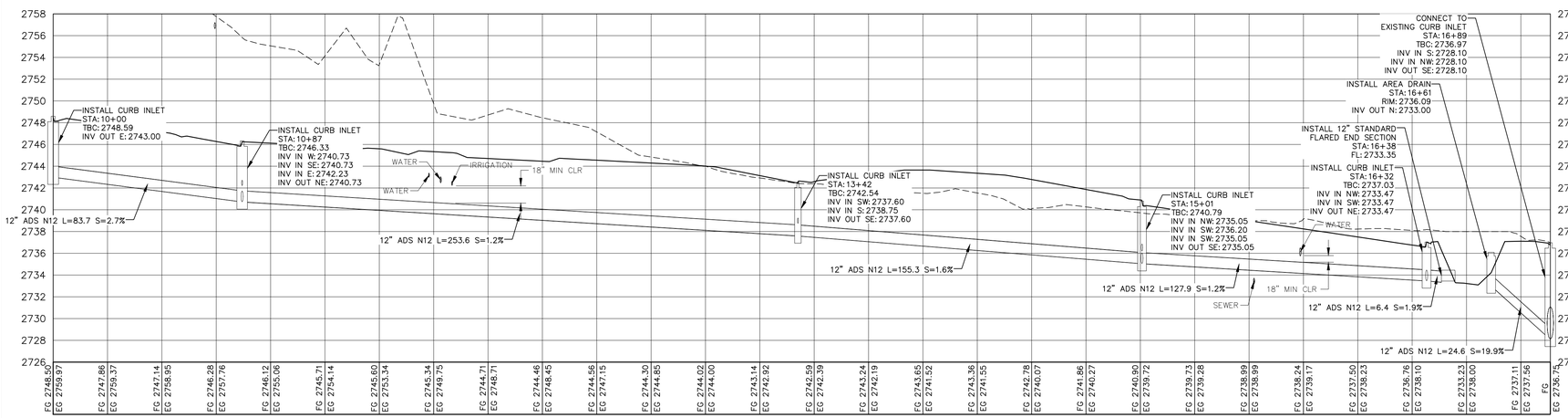

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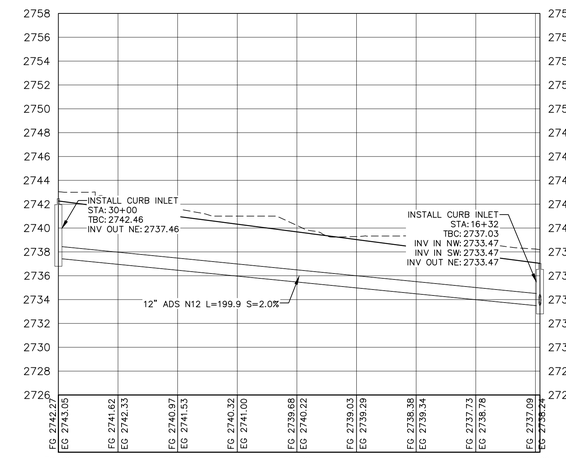

STORM DRAIN PROFILE (STA:20+00)
SCALE: 1" = 30' 5x VERTICAL EXAGGERATION




STORM DRAIN PROFILE (STA:40+00)
SCALE: 1" = 30' 5x VERTICAL EXAGGERATION




STORM DRAIN PROFILE (STA:10+00)
SCALE: 1" = 30' 5x VERTICAL EXAGGERATION




STORM DRAIN PROFILE (STA:30+00)
SCALE: 1" = 30' 5x VERTICAL EXAGGERATION

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
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Stamp:
REGISTERED PROFESSIONAL ENGINEER
10/27/26
NO. 5834913-2202
JARED T. MADSEN
STATE OF UTAH

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| - | - | - |
| - | - | - |

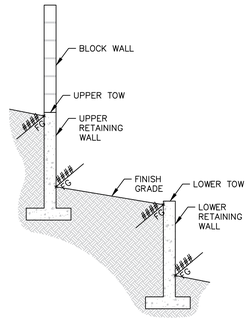
Project Number:
PCA-2610
Plan Series:
G300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
SEWER AND
STORM DRAIN
PROFILES

Sheet:
C204

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SKY ENGINEERING
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St George, Utah 84790
435-680-5667




A-A RETAINING WALL TYPICAL GRADING
NTS

EG EXISTING GRADE
FG FINISH GRADE
TC TOP OF CONCRETE
FL FLOWLINE
TOW TOP OF WALL
TBC TOP BACK OF CURB

-HP HIGH POINT
-LP LOW POINT

EXISTING ELEVATION GRADETAG

PROPOSED ELEVATION GRADETAG

EXCAVATION NOTE: SEE GEOTECHNICAL INVESTIGATION FOR ADDITIONAL GRADING REQUIREMENTS.

EXCAVATION QUANTITIES*
CUT: 26,650 CY
FILL: 2,420 CY
NET EXPORT: 24,230 CY

* QUANTITIES REFLECT EXISTING GRADE TO FINISH GRADE CONTOURS. THEY ARE APPROXIMATED AND DO NOT ACCOUNT FOR GRUBBED/DELETERIOUS MATERIALS, FINISHED SITE IMPROVEMENTS, SHRINKING, OR UTILITY TRENCHING.

GRAPHIC SCALE
20 0 10 20 40 80
( IN FEET )
1 inch = 20 ft. (24x36 SHEET)
1 inch = 40 ft. (12x18 SHEET)

MAIN BUILDING
FFE:2747.0'

FFE: 2751.25

UPPER TOW: 2764.54 TO 2762.04
LOWER TOW: 2759.54 TO 2757.04

UPPER TOW: 2762.04
LOWER TOW: 2757.04
LOWER TOW: 2762.04 TO 2760.04
LOWER TOW: 2757.04 TO 2755.04

UPPER TOW: 2760.04
LOWER TOW: 2755.04
LOWER TOW: 2760.04 TO 2757.04
LOWER TOW: 2755.04 TO 2752.04

UPPER TOW: 2757.37
LOWER TOW: 2752.37
LOWER TOW: 2757.37 TO 2755.37
LOWER TOW: 2752.37 TO 2750.37

UPPER TOW: 2755.37
LOWER TOW: 2750.37
LOWER TOW: 2755.37 TO 2753.37
LOWER TOW: 2750.37 TO 2748.37

UPPER TOW: 2753.37 TO 2749.42

UPPER TOW: 2749.42 TO 2743.94

UPPER TOW: 2764.54
LOWER TOW: 2759.54

UPPER TOW: 2762.54
LOWER TOW: 2757.54

UPPER TOW: 2762.54 TO 2759.86
LOWER TOW: 2757.54 TO 2754.86

UPPER TOW: 2759.86
LOWER TOW: 2754.86

UPPER TOW: 2757.85
LOWER TOW: 2752.85

UPPER TOW: 2757.85 TO 2754.50
LOWER TOW: 2752.85 TO 2749.50

UPPER TOW: 2754.50

SEE C302 FOR DETAILED GRADING 1

SEE C302 FOR DETAILED GRADING 2

SEE C302 FOR DETAILED GRADING 3

SEE C302 FOR DETAILED GRADING 4

SEE C302 FOR DETAILED GRADING 5

ADA ACCESSIBILITY ROUTE (TYPICAL)
MAX RUN SLOPE = 4.9%
MAX CROSS SLOPE = 2.0%

TWO STEPS

THREE STEPS

SIX STEPS

DETENTION BASIN

Release Date:
27-OCT-2026

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NO. 5834913-2202
JARED T. MADSEN
STATE OF UTAH

Project Name:
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WASHINGTON, UT 84780

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

| Mark | Date | Description |
|---|---|---|
| - | - | - |

Project Number:
PCA-2610
Plan Series:
G300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
GRADING PLAN

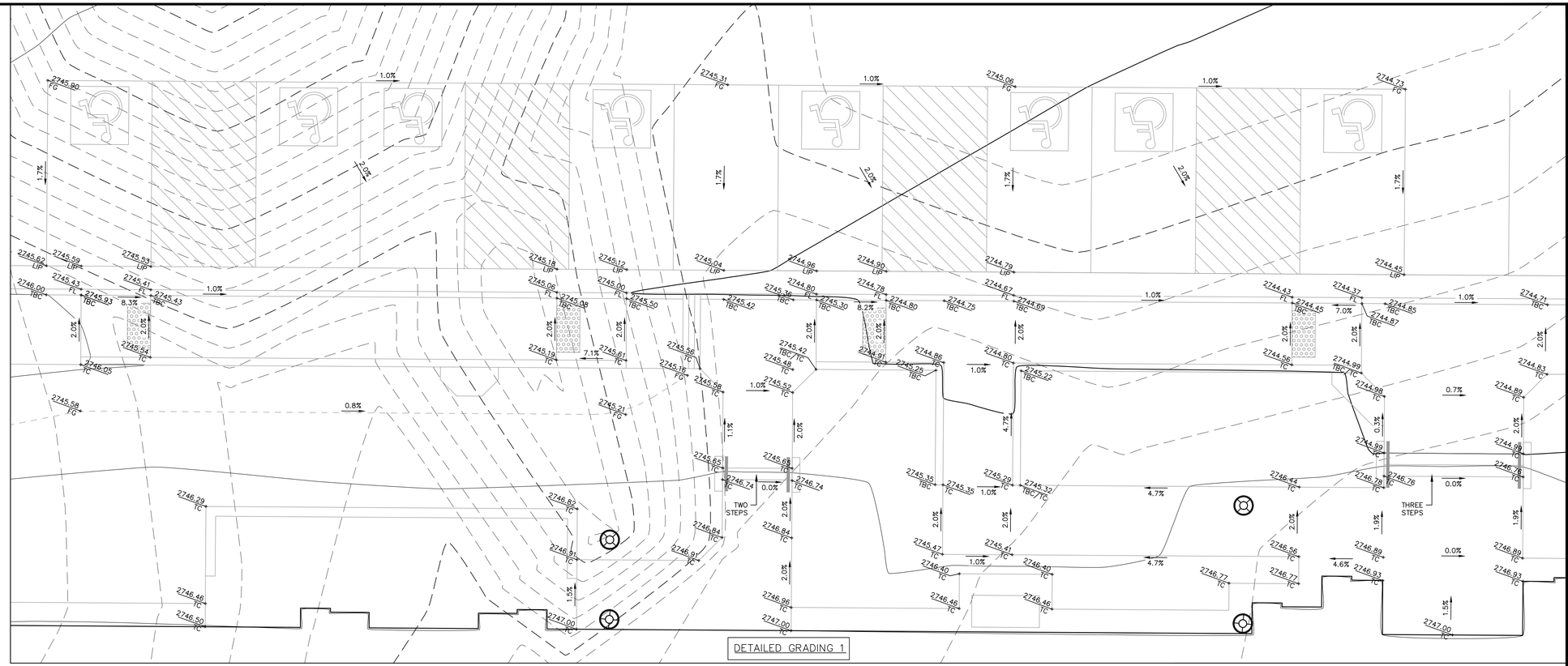
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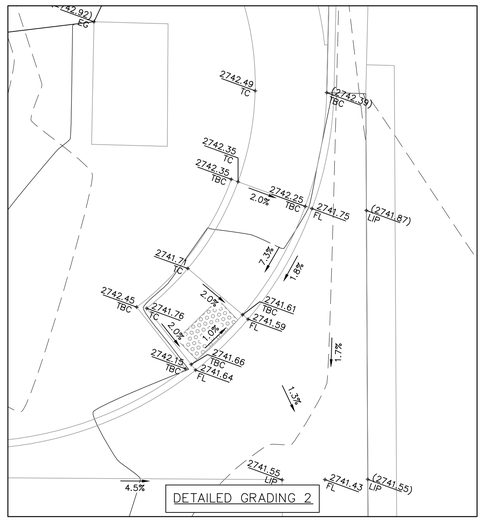
SKY ENGINEERING
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St George, Utah 84790
435-680-5667

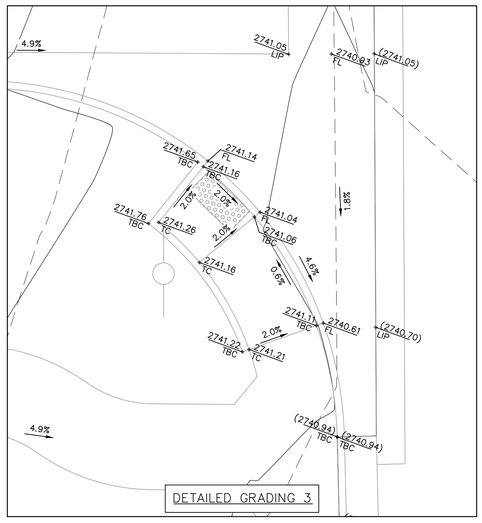
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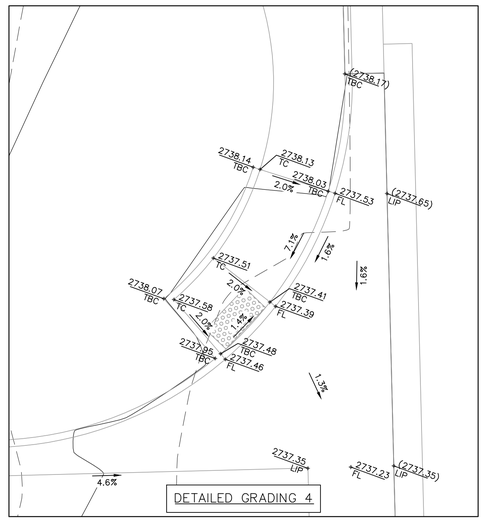
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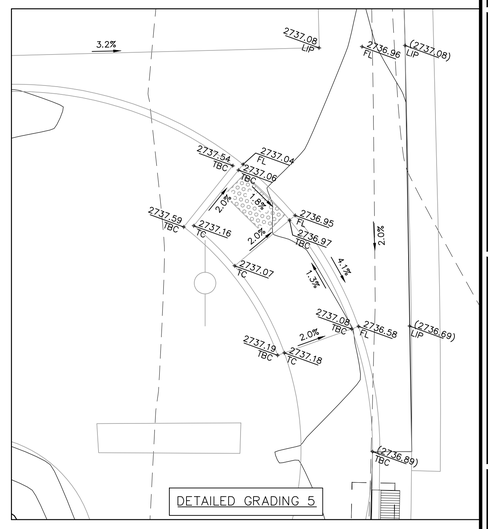
( IN FEET )
1 inch = 20 ft. (24x36 SHEET)
1 inch = 40 ft. (12x18 SHEET)




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10/2/7/26
NO. 5834913-2202
JARED T. MADSEN
STATE OF UTAH

Project Name:
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WASHINGTON, UT 84780

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

| Mark | Date (d-mm-y) | Description |
|---|---|---|
| - | - | - |
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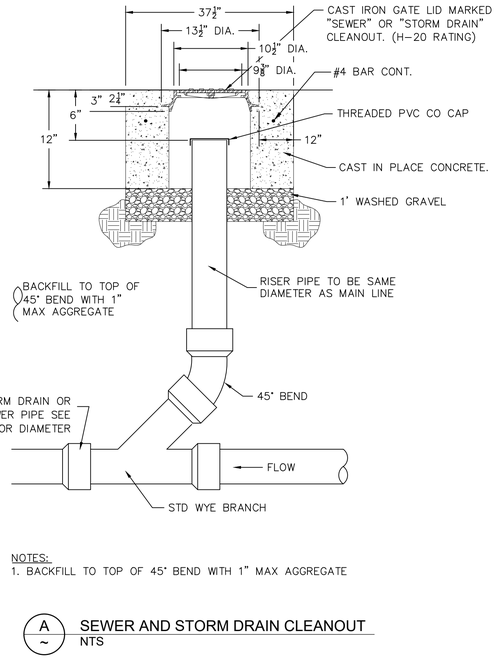
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PCA-2610
Plan Series:
G300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
DETAILED GRADING PLAN

Sheet:
C302

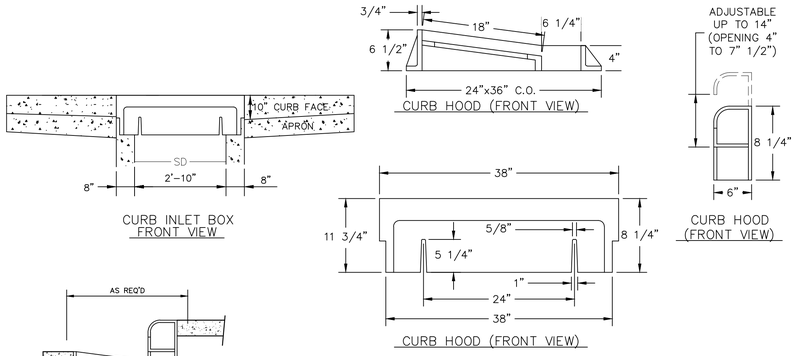
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SKY ENGINEERING
1150 E Riverside Dr #910082
St George, Utah 84790
435-680-5667

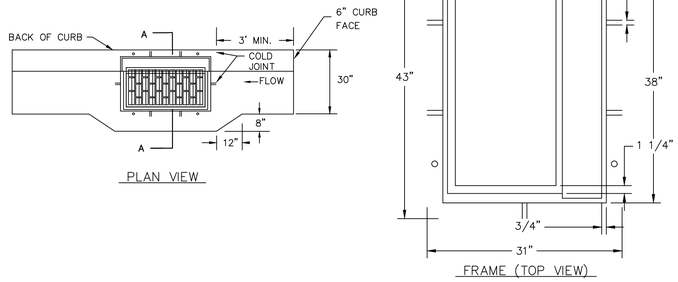



NOTES:
1. BACKFILL TO TOP OF 45° BEND WITH 1" MAX AGGREGATE

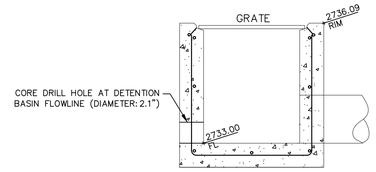
A ~ SEWER AND STORM DRAIN CLEANOUT
NTS



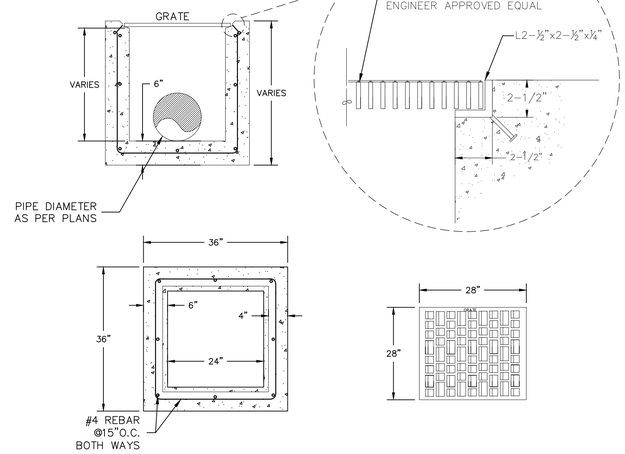

NOTE: ALL CONCRETE TO BE TYPE V OR TYPE II SULFATE RESISTANT CONCRETE WITH A MAXIMUM OF 15% FLY ASH

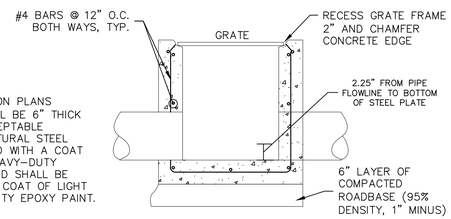



B ~ CURB INLET
NTS




AREA DRAIN AT BASIN OUTLET
STA: 16+61




NOTE:
1. SIZE AS NOTED ON PLANS
2. BOX WALLS SHALL BE 6" THICK
3. PRECAST IS ACCEPTABLE
4. ALL NON-STRUCTURAL STEEL SHALL BE PRIMED WITH A COAT OF RED LEAD HEAVY-DUTY EPOXY PAINT, AND SHALL BE FINISHED WITH A COAT OF LIGHT GRAY, HEAVY-DUTY EPOXY PAINT.

C ~ AREA DRAIN
NTS

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
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10/27/26
NO. 5834913-2202
JARED T. MADSEN
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

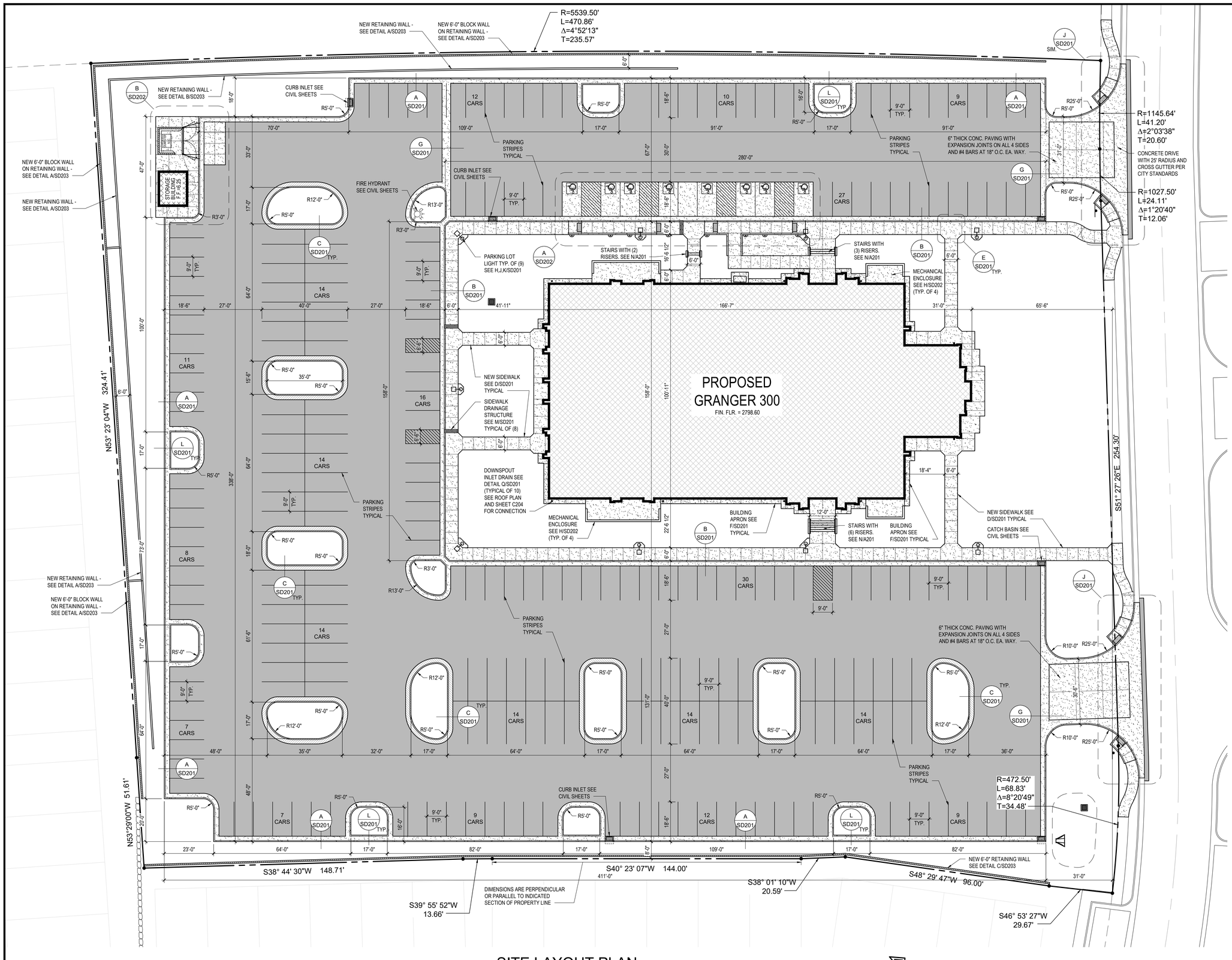
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Project Number: PCA-2610
Plan Series: G300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
DETAILS

Sheet:
C401

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## SITE LAYOUT PLAN

SCALE: 1"=20'-0"

## LEGEND

- NEW ASPHALT WITH AGGREGATE BASE OVER ENGINEERED FILL - SEE CIVIL SHEETS AND SPECIFICATION
- NEW CONCRETE SURFACE
- PROPERTY LINE
- EASEMENT
- NEW CMU WALL ON FOOTING AT DUMPSTER SEE NOTES
- SHED CURB - SEE DETAIL C/SD201 AND CIVIL FOR GRADING

## DIMENSION NOTES:

1. ALL DIMENSIONS ARE PARALLEL/PERPENDICULAR TO SOUTHEAST INDICATED SECTION OF PROPERTY LINE.
2. DIMENSIONS TO THE BUILDING AND PARKING LOT ORIGINATE AT THE EAST PROPERTY CORNER.
3. ALL DIMENSION TO CURB AND GUTTER, INCLUDING RADIUS DIMENSIONS, ARE TO TOP BACK OF CURB. U.N.O.

## SITE DATA

| | |
|---|---|
| TOTAL PROPERTY SQ. FOOTAGE | 174,699 SQ. FT. 4.01 ACRES |
| BUILDING HEIGHT | 30'-4" |
| STEEPLE HEIGHT | 38'-8" |
| TOTAL HEIGHT | 69'-0" |
| PARKING | |
| ON-SITE | 256 STALLS |
| TOTAL BUILDING SQ. FOOTAGE | 18,316 SQ. FT. |
| STORAGE BUILDING SQ. FOOTAGE | 238 SQ. FT. |
| ASPHALT SQ. FOOTAGE | |
| ON-SITE | 82,607 SQ. FT. |
| OFF-SITE | 338 SQ. FT. |
| CONCRETE SQ. FOOTAGE | |
| ON-SITE | 22,536 SQ. FT. |
| OFF-SITE | 2,374 SQ. FT. |
| PROPOSED USE | CHURCH |
| BUILDING SPRINKLED | YES |

## CONCRETE SLOPE NOTES:

1. ALL SIDEWALKS SHALL HAVE A MAXIMUM SLOPE OF 1:20 (5%) U.N.O.
2. ALL EXTERIOR DOORS SHALL HAVE A SIX FOOT DEEP LANDING WITH A 1/4" P.L.F. MAXIMUM SLOPE AWAY FROM BUILDING.
3. ALL EXTERIOR STAIRS AND RAMPS SHALL HAVE A SIX FOOT DEEP LANDING AT BOTH TOP AND BOTTOM WITH A 1/4" P.L.F. MAXIMUM SLOPE.
4. ALL SIDEWALKS SHALL HAVE A MAX. CROSS SLOPE OF 1:48 (2%). THIS IS CRITICAL AT ALL ACCESSIBLE MEANS OF EGRESS AND ACCESSIBLE ROUTES FROM EXTERIOR LANDINGS TO THE PUBLIC WAY.
5. SEE GRADING PLAN SHEET C301 FOR MORE INFORMATION REGARDING GRADES, SLOPES AND SPOT ELEVATIONS.

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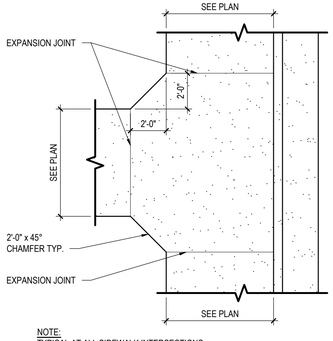
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-MM-Y) | Description |
|---|---|---|
| 01 | 23-SEP-25 | W DRIVE,TRAIL-CITY REV. |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
SITE LAYOUT PLAN

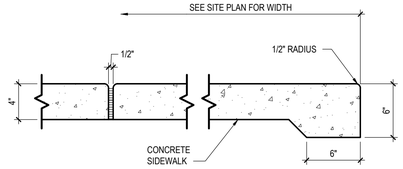
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SD101




NOTE:
TYPICAL AT ALL SIDEWALK INTERSECTIONS.

## SIDEWALK DETAIL (E)

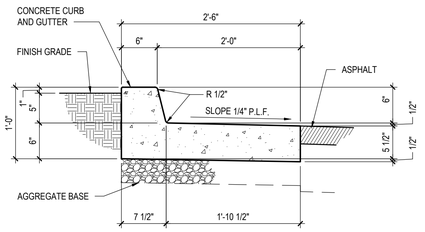
SCALE: 1/4" = 1'-0"




NOTE:
TYPICAL EDGE AND JOINT DETAIL AT ALL SIDEWALKS ON AND OFF-SITE.

## SIDEWALK DETAIL (D)

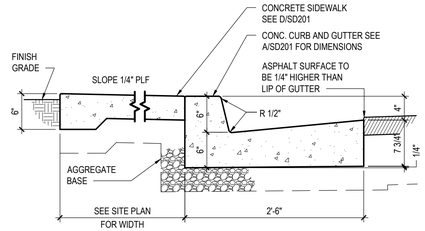
SCALE: 1 1/2" = 1'-0"




NOTE:
THIS DETAIL TO BE USED FOR ON-SITE LOCATIONS ONLY

## CURB AND GUTTER (C)

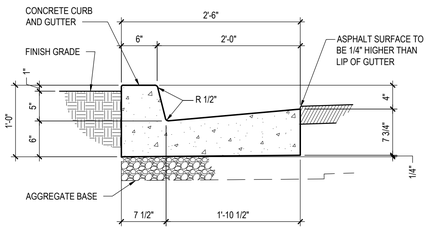
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NOTE:
THIS DETAIL TO BE USED FOR ON-SITE LOCATIONS ONLY

## CURB AND GUTTER (B)

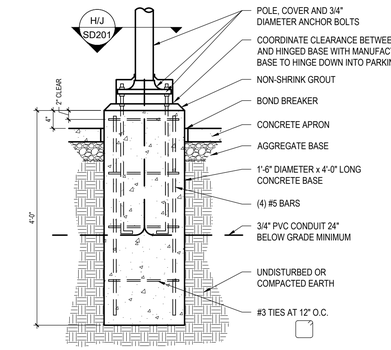
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NOTE:
THIS DETAIL TO BE USED FOR ON-SITE LOCATIONS ONLY

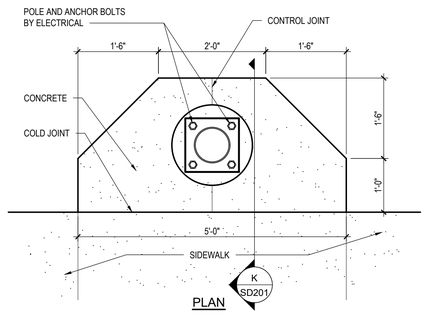
## CURB AND GUTTER (A)

SCALE: 1" = 1'-0"



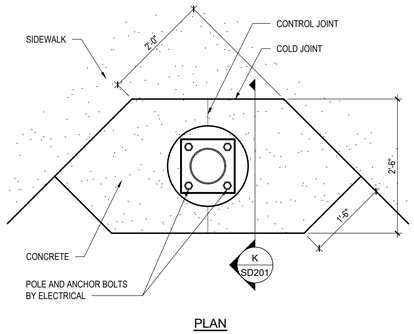

## POLE BASE SECTION (K)

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



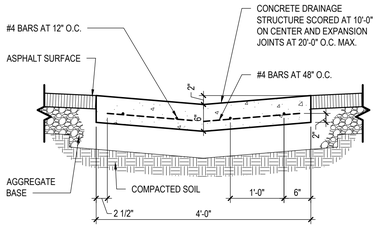

## POLE BASE (J)

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



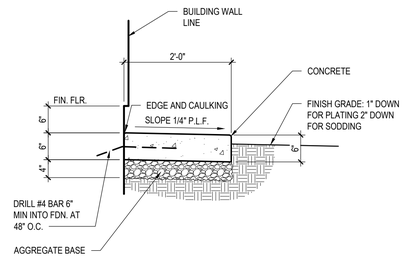

## POLE BASE (H)

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



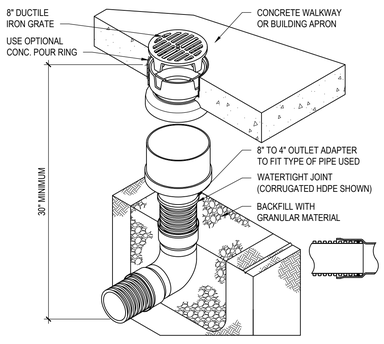

## WATERWAY DETAIL (G)

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



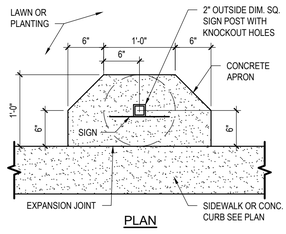

## BUILDING APRON (F)

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



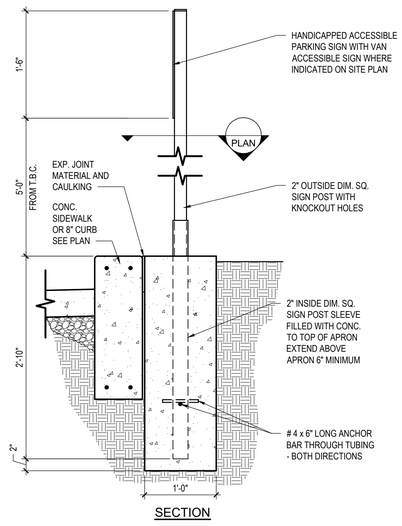

## INLINE DRAIN W/GRATE (Q)

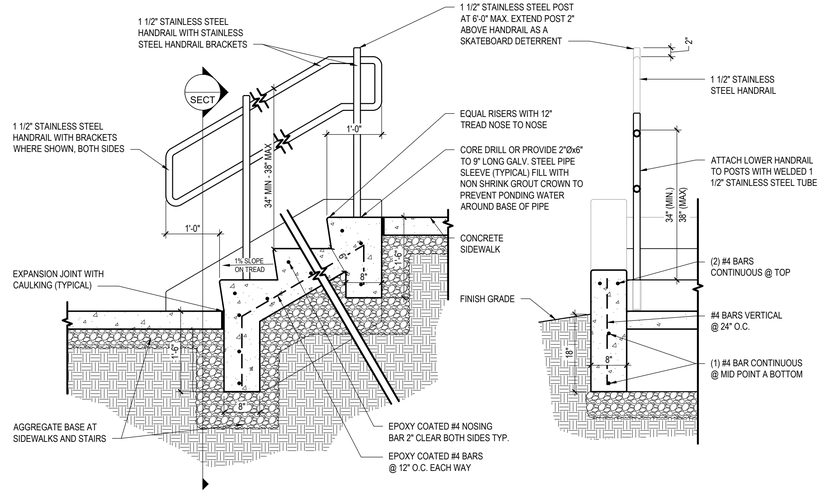
SCALE: NONE




## ACCESSIBLE STALL SIGN (P)

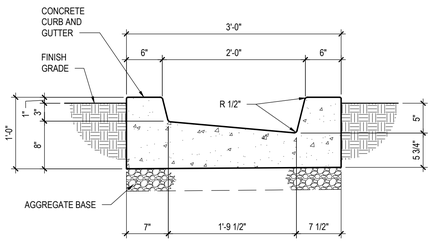
SCALE: 1" = 1'-0"




## STAIR DETAIL (N)

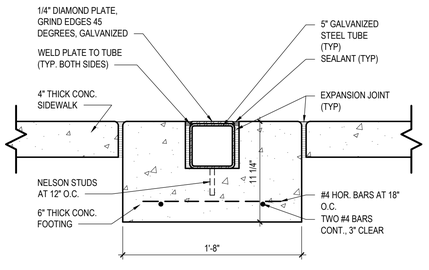
SCALE: 3/4" = 1'-0"




NOTE:
THIS DETAIL TO BE USED FOR ON-SITE LOCATIONS ONLY

## WATERWAY DETAIL (L)

SCALE: 1" = 1'-0"




## SIDEWALK DRAINAGE STRUCTURE (G)

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

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St. George, UT 84771
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Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

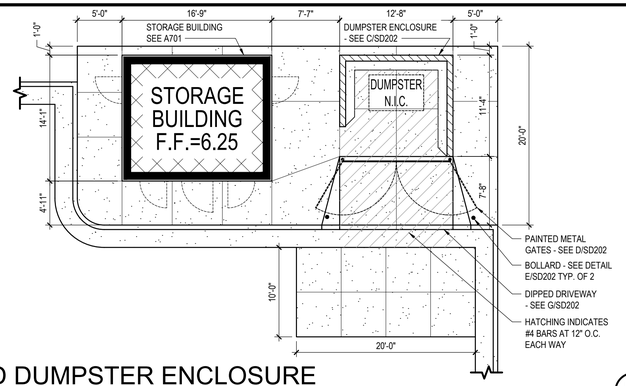
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| - | - | - |
| - | - | - |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

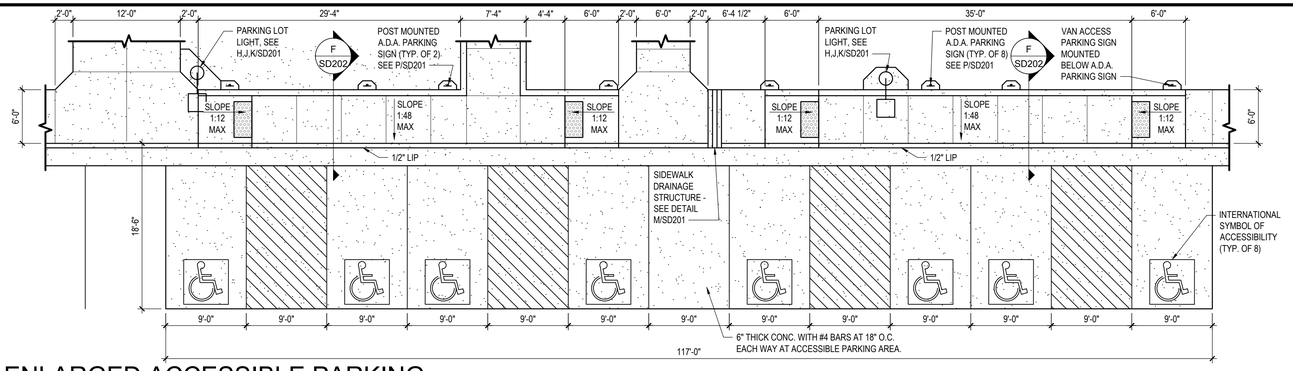
Sheet Title:
SITE
DETAILS

Sheet:
SD201



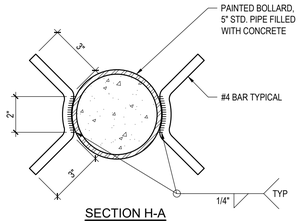

## ENLARGED DUMPSTER ENCLOSURE

SCALE: 1/8" = 1'-0" (B)

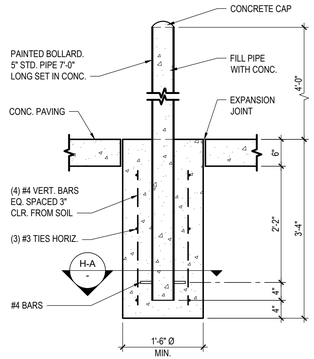



## ENLARGED ACCESSIBLE PARKING

SCALE: 1/8" = 1'-0" (A)

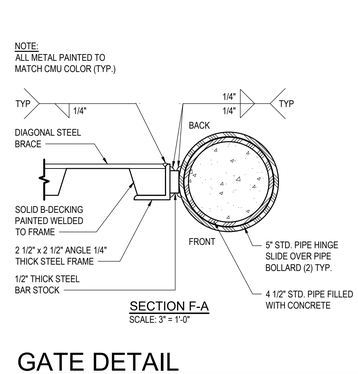



SECTION H-A
SCALE: 3" = 1'-0"

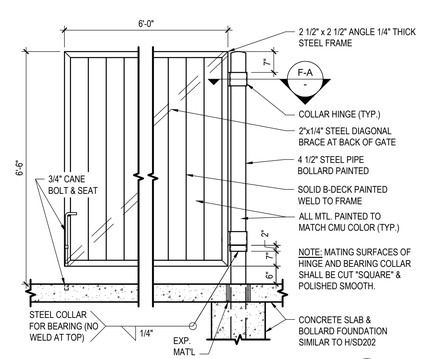



## BOLLARD DETAIL

SCALE: 3/4" = 1'-0" (E)

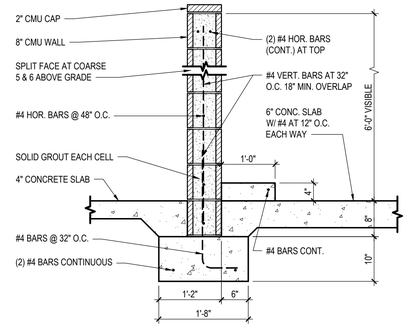



SECTION F-A
SCALE: 3" = 1'-0"



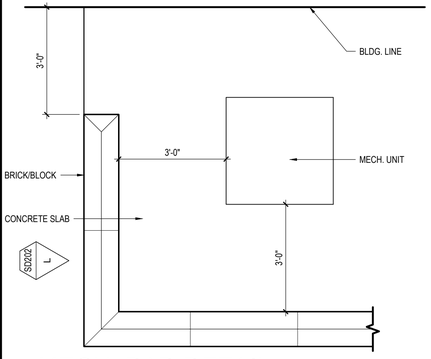

## GATE DETAIL

SCALE: 1/2" = 1'-0" (D)



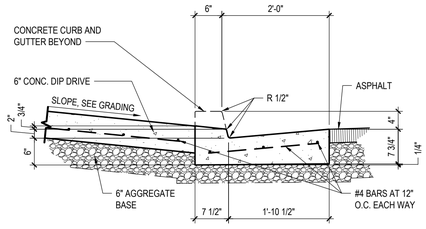

## DUMPSTER ENCLOSURE

SCALE: 3/4" = 1'-0" (C)



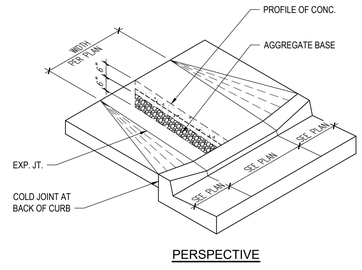

## MECH. PAD DETAIL

SCALE: 1/2" = 1'-0" (H)

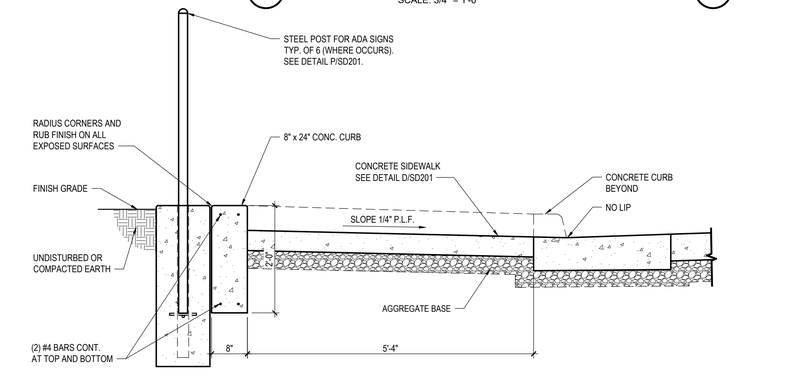



## DIPPED DRIVEWAY DETAIL (AT STORAGE SHED)

SCALE: 3/4" = 1'-0" (G)

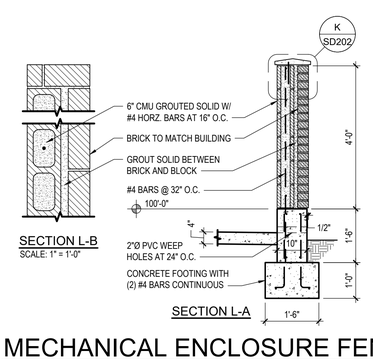



PERSPECTIVE



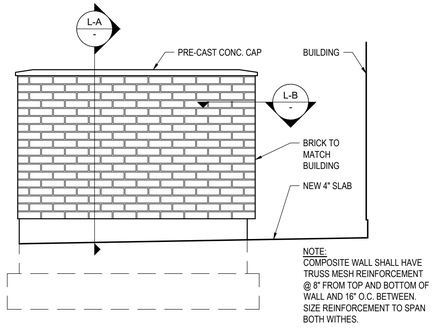

## DIPPED SIDEWALK/RAMP DETAIL

SCALE: 3/4" = 1'-0" (F)



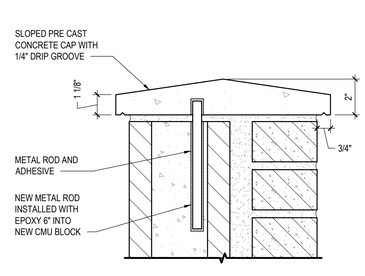

SECTION L-B
SCALE: 1" = 1'-0"

SECTION L-A



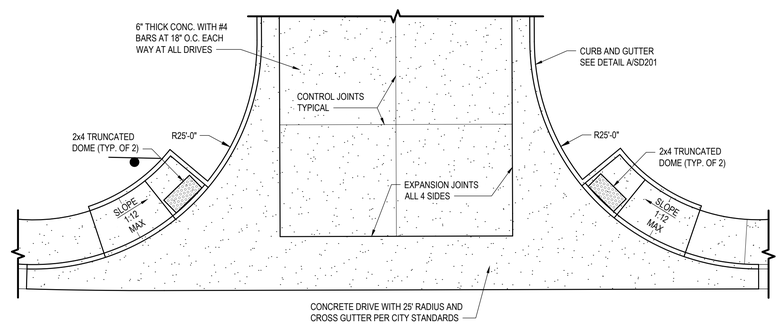

## MECHANICAL ENCLOSURE FENCE DETAIL AT SLAB

SCALE: 1/2" = 1'-0" (L)




## MECH. ENCLOSURE CONCRETE CAP DETAIL

SCALE: 3" = 1'-0" (K)




## ENLARGED DRIVEWAY PLAN

SCALE: 1/8" = 1'-0" (J)


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Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

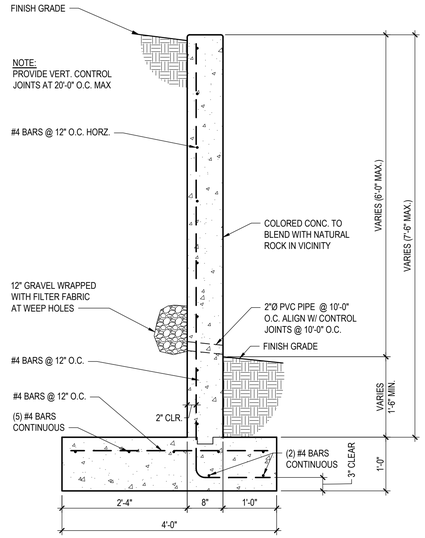
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: SITE DETAILS

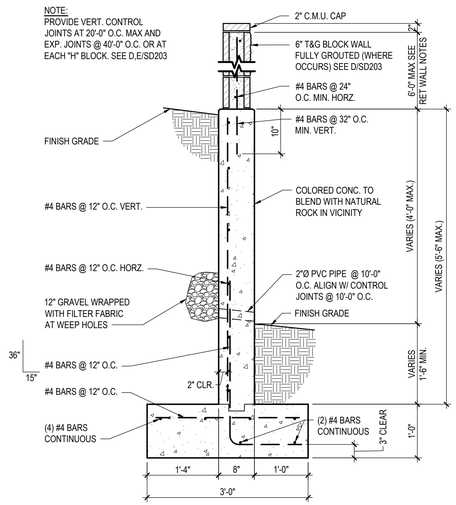
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## RETAINING WALL DETAIL B

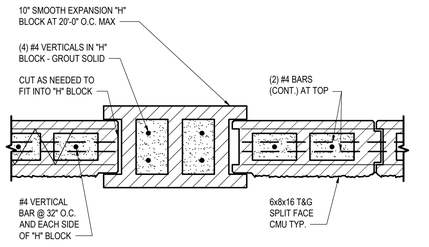
SCALE: 3/4" = 1'-0"

1. STEP FOOTINGS AS NEEDED TO MAINTAIN FOOTING COVER AND MAXIMUM WALL HEIGHT.
2. WHERE BLOCK WALL OCCURS ON TOP OF RETAINING WALL, REBAR DOWELS SHALL BE INSTALLED IN TOP OF WALL AS SHOWN.
3. STEPS IN RETAINING WALL HEIGHT SHALL OCCUR AT LOCATIONS OF "H" BLOCKS - SEE DETAIL D/SD203
4. SEE SITE GRADING PLAN FOR SPOT ELEVATIONS TO DETERMINE STEPS.
5. PROVIDE PROVIDE DAMPPROOFING BELOW GRADE ON BOTH SIDES OF WALL AND TOP OF FOOTING.
6. CITY CODE 10-18-4: D STATES: WHERE A SOLID FENCE IS PLACED ON TOP OF A RETAINING WALL OR ROCKERY WALL, THE COMBINED EXPOSED FACE SHALL NOT EXCEED EIGHT FEET (8') IN HEIGHT AT ANY SINGLE POINT, MEASURED FROM THE FINISHED GRADE OF THE ADJACENT RETAINING WALL TO THE TOP OF THE SOLID FENCE.




## RETAINING WALL NOTES AND DETAIL A

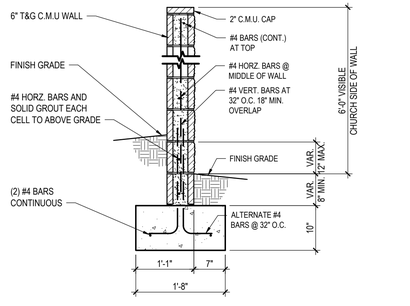
SCALE: 3/4" = 1'-0"




## EXPANSION DETAIL D

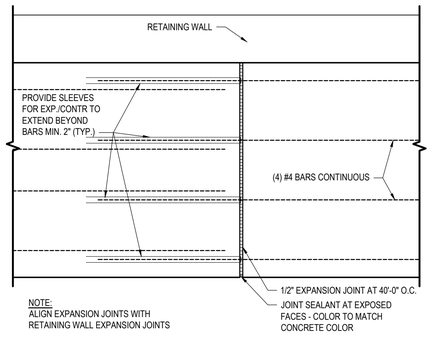
SCALE: 1 1/2" = 1'-0"

1. PROVIDE EXPANSION JOINTS IN CMU WALL AT 20'-0" O.C. MAX. AND EXPANSION JOINTS IN FOOTING AT 40'-0" O.C. MAX. SEE DETAIL D/SD203 FOR CMU WALL AND DETAIL F/SD203 FOR FOOTING.
2. PROVIDE STEP IN FOOTING AND WALL AS NEEDED TO MAINTAIN MINIMUM DIMENSIONS. STEPS SHALL OCCUR AT EXPANSION JOINTS.
3. GROUT SOLID RETAINING WALL CELLS TO (1) CELL ABOVE GRADE ON HIGH SIDE, AND ALL REINFORCED CELLS ABOVE RETAINING.
4. PROVIDE DAMPPROOFING BELOW GRADE ON BOTH SIDES OF WALL AND TOP OF FOOTING.
5. ADJUST WALL HEIGHT TO MAINTAIN MINIMUM FOOTING COVER. DO NOT EXCEED MAX. RETAINING WALL HEIGHT. EXPOSED WALL HEIGHT ON HIGH SIDE OF WALL SHALL BE 6'-0" PLUS WALL CAP THICKNESS.



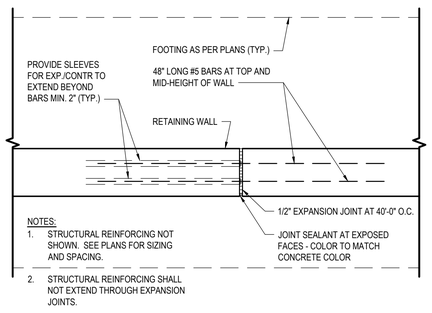

## BLOCK WALL NOTES AND DETAIL C

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




## FOOTING EXPANSION F

SCALE: 1" = 1'-0"




## RETAINING WALL EXPANSION E

SCALE: 1" = 1'-0"

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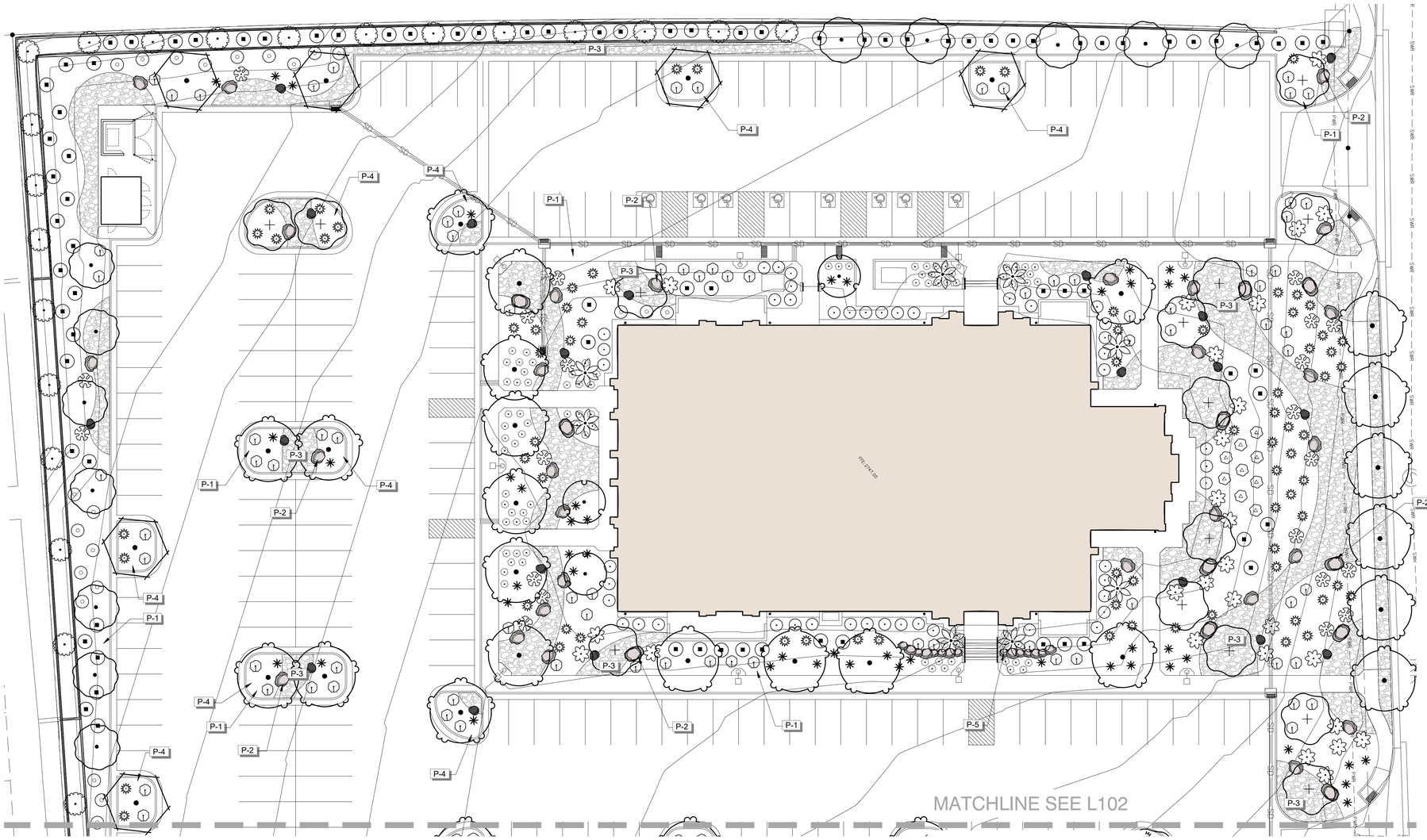
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-MM-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
SITE
DETAILS

Sheet:
SD203




## PLANTING SCHEDULE

| CODE | DESCRIPTION |
|---|---|
| P-1 | ROCK MULCH TO BE PLACED AT ALL NEW PLANTING BED AREAS EXCEPT WHERE ACCENT COBBLE IS SHOWN. ROCK TO BE 3/4" APPACHE BROWN AVAILABLE FROM STAR NURSERY. ROCK PLACED 3" MINIMUM DEPTH |
| P-2 | LANDSCAPE BOULDERS TYP. COLOR TO BE 'BASALT'. LOCATE BOULDERS IN RANDOM PATTERN AT LOCATIONS ON PLAN. WHERE BOULDERS ARE GROUPED USE VARIOUS SIZES OF BOULDERS AS FOLLOWS:<br>25% BOULDERS 2`-3`<br>50% BOULDERS 3`-4`<br>25% BOULDERS 4`-5` |
| P-3 | 'CHUNKY BASALT' ROCK PLACED 4-6" DEEP MINIMUM. AVAILABLE FROM STAR NURSERY. |
| P-4 | ALL PARKING ISLANDS TO BE OVER EXCAVATED AND BACKFILLED WITH MINIMUM 2` OF APPROVED TOPSOIL. |
| P-5 | BASALT BOULDER RETAINING WALL. PLACE BOULDERS AT MIDDLE STEP OF STAIRS. FACE OF WALL TO BE +/-3'-0". |

## LANDSCAPE DATA

| | | |
|---|---|---|
| TOTAL SITE AREA: | 175,039 SF (4.02 AC) | % SITE/ LANDSCAPE |
| TOTAL LANDSCAPE AREA: | 49,455 SF | 28% |
| TOTAL LAWN AREA: | 0 SF | 0% / 0% |
| TOTAL SHRUB AREA: | 37,147 SF | 21% / 75% |
| TREES ON SITE: | 103 | N/A |

## PLANT SCHEDULE

| SYMBOL | QTY | BOTANICAL / COMMON NAME | CONT | REMARKS |
|---|---|---|---|---|
| TREES | | | | |
| | 31 | CHILOPSIS LINEARIS 'BURGUNDY LACE' / DESERT WILLOW | 15 GAL | MULTI-TRUNK |
| | 3 | LAGERSTROEMIA I. 'WATERMELON RED' / WATERMELON RED CRAPE MYRTLE | 24"BOX | MULTI-TRUNK |
| | 19 | PARKINSONIA X 'DESERT MUSEUM' / DESERT MUSEUM PALO VERDE | 24"BOX | MULTI-TRUNK |
| | 31 | PISTACIA X 'RED PUSH' / RED PUSH PISTACHE | 24"BOX | SINGLE-TRUNK |
| | 11 | QUERCUS VIRGINIANA / SOUTHERN LIVE OAK | 24"BOX | SINGLE TRUNK |
| | 8 | WASHINGTONIA FILIFERA / CALIFORNIA FAN PALM | B & B | 8' BTH |

## PLANT SCHEDULE

| SYMBOL | QTY | BOTANICAL / COMMON NAME | CONT |
|---|---|---|---|
| SHRUBS | | | |
| | 85 | CHRYSACTINIA MEXICANA / DAMIANITA | 1 GAL |
| | 113 | LEUCOPHYLLUM LANGMANIAE `RIO BRAVO` TM / BAROMETERBUSH | 5 GAL |
| | 100 | MUHLENBERGIA RIGENS / DEER GRASS | 5 GAL |
| | 48 | NERIUM OLEANDER 'PETITE RED' / PETITE RED OLEANDER | 5 GAL |
| | 46 | OLEA EUROPAEA 'MONTRA' / LITTLE OLLIE® OLIVE | 5 GAL |
| | 9 | ROSA X 'NOARE' / RED CARPET ROSE | 5 GAL |
| | 112 | ROSMARINUS PROSTRATUS CREEPING ROSEMARY / ROSEMARY | 5 GAL |
| | 22 | VAUQUELINIA CALIFORNICA / ARIZONA ROSEWOOD | 15 GAL |
| DESERT ACCENT | | | |
| | 32 | AGAVE AMERICANA / CENTURY PLANT | 15 GAL |
| | 24 | DASYLIRION WHEELERI / GREY DESERT SPOON | 15 GAL |
| | 62 | HESPERALOE PARVIFLORA / RED YUCCA | 5 GAL |

## PLANTING NOTES

1. CONTRACTOR TO REPAIR ALL DAMAGE TO LANDSCAPE AREAS AS A RESULT OF CONSTRUCTION
2. ALL PLANTS ARE SHOWN WITH TYPICAL SYMBOLS. CONTRACTOR SHALL VERIFY QUANTITIES AND LOCATIONS ON PLAN. REFER TO PLANT LEGEND FOR INFORMATION ON SYMBOL AND PLANT TYPE. PROVIDE ACCURATE AS-BUILTS.
3. CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PURCHASE ALL PLANT MATERIALS LISTED IN THE PLANT LEGEND. CONTRACTOR SHALL SECURE ALL PLANTS EARLY OR CONTRACT WITH NURSERY TO GROW PLANTS FOR PROJECT. ALL PLANT SUBMITTALS SHALL BE DELIVERED TO THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING LANDSCAPE CONSTRUCTION.
4. THE FOLLOWING SUBMITTALS SHALL BE DELIVERED TO LANDSCAPE ARCHITECT FOR APPROVAL:
   - ALL PLANT MATERIALS INFORMATION
   - SOIL AMENDMENTS
   - ROCK MULCH AND BOULDER SELECTIONS (INCLUDING SAMPLES)
   - WEED BARRIER AND PRE-EMERGENT INFORMATION.
5. INSTALL DEWITT PRO-5 WEED BARRIER IN ALL SHRUB PLANTING AREAS.
6. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT TIME OF PLANTING, AND WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH THE SURFACE IN TWO VERTICAL LOCATIONS.
7. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED ON A REGULAR SCHEDULE DURING THE FIRST GROWING SEASON. CONTRACTOR RESPONSIBLE FOR WARRANTY OF ALL PLANT MATERIAL (SHRUBS FOR 90 DAYS, TREES FOR 1 YEAR).

0 20 40 60 80 feet

1" = 20'

NORTH

Release Date:
27-OCT-2026

LandWORKS INCORPORATED
923 S. River Road
Suite 207, St. George
Utah, 84790
(435) 627-8656

Stamp:
STATE OF UTAH
James F. Dotson
5083497-5301
LICENSED LANDSCAPE ARCHITECT
EXPIRES 5-31-2026

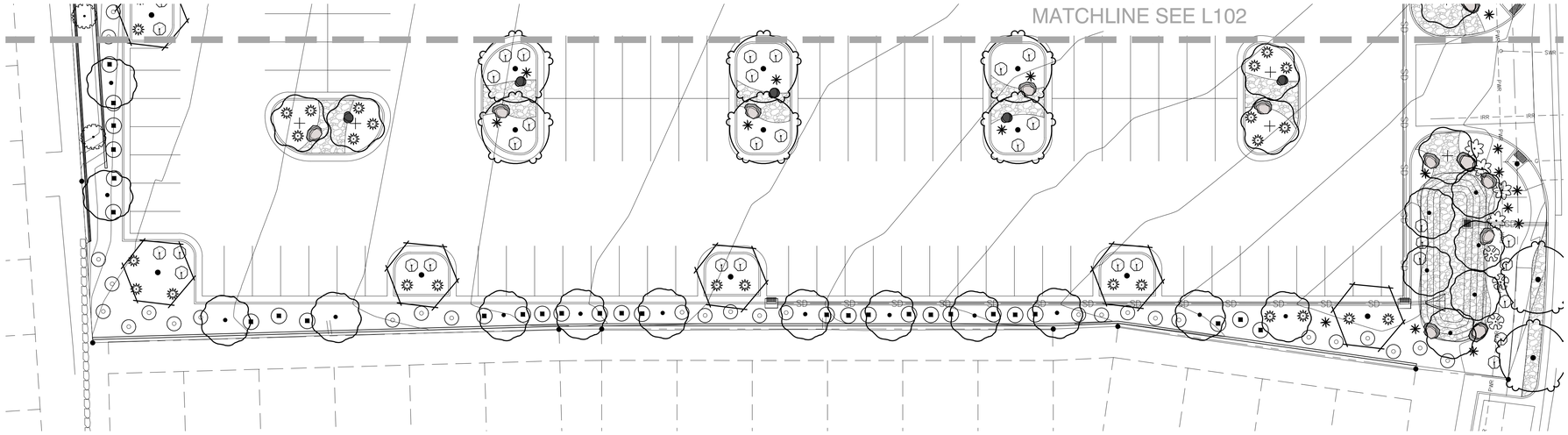
Project Name:
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Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
PLANTING PLAN

Sheet:
L101




## PLANT SCHEDULE

| SYMBOL | QTY | BOTANICAL / COMMON NAME | CONT | REMARKS |
|---|---|---|---|---|
| TREES | | | | |
| | 31 | CHILOPSIS LINEARIS 'BURGUNDY LACE' / DESERT WILLOW | 15 GAL | MULTI-TRUNK |
| | 3 | LAGERSTROEMIA I. `WATERMELON RED` / WATERMELON RED CRAPE MYRTLE | 24"BOX | MULTI-TRUNK |
| | 19 | PARKINSONIA X 'DESERT MUSEUM' / DESERT MUSEUM PALO VERDE | 24"BOX | MULTI-TRUNK |
| | 31 | PISTACIA X 'RED PUSH' / RED PUSH PISTACHE | 24"BOX | SINGLE-TRUNK |
| | 11 | QUERCUS VIRGINIANA / SOUTHERN LIVE OAK | 24"BOX | SINGLE TRUNK |
| | 8 | WASHINGTONIA FILIFERA / CALIFORNIA FAN PALM | B & B | 8' BTH |

## PLANTING SCHEDULE

| CODE | DESCRIPTION |
|---|---|
| P-1 | ROCK MULCH TO BE PLACED AT ALL NEW PLANTING BED AREAS EXCEPT WHERE ACCENT COBBLE IS SHOWN. ROCK TO BE 3/4" APPACHE BROWN AVAILABLE FROM STAR NURSERY. ROCK PLACED 3" MINIMUM DEPTH |
| P-2 | LANDSCAPE BOULDERS TYP. COLOR TO BE 'BASALT'. LOCATE BOULDERS IN RANDOM PATTERN AT LOCATIONS ON PLAN, WHERE BOULDERS ARE GROUPED USE VARIOUS SIZES OF BOULDERS AS FOLLOWS:<br>25% BOULDERS 2`-3`<br>50% BOULDERS 3`-4`<br>25% BOULDERS 4`-5` |
| P-3 | 'CHUNKY BASALT' ROCK PLACED 4-6" DEEP MINIMUM. AVAILABLE FROM STAR NURSERY. |
| P-4 | ALL PARKING ISLANDS TO BE OVER EXCAVATED AND BACKFILLED WITH MINIMUM 2` OF APPROVED TOPSOIL. |
| P-5 | BASALT BOULDER RETAINING WALL. PLACE BOULDERS AT MIDDLE STEP OF STAIRS. FACE OF WALL TO BE +/-3'-0". |

## PLANT SCHEDULE

| SYMBOL | QTY | BOTANICAL / COMMON NAME | CONT |
|---|---|---|---|
| SHRUBS | | | |
| | 85 | CHRYSACTINIA MEXICANA / DAMIANITA | 1 GAL |
| | 113 | LEUCOPHYLLUM LANGMANIAE `RIO BRAVO` TM / BAROMETERBUSH | 5 GAL |
| | 100 | MUHLENBERGIA RIGENS / DEER GRASS | 5 GAL |
| | 48 | NERIUM OLEANDER 'PETITE RED' / PETITE RED OLEANDER | 5 GAL |
| | 46 | OLEA EUROPAEA 'MONTRA' / LITTLE OLLIE® OLIVE | 5 GAL |
| | 9 | ROSA X 'NOARE' / RED CARPET ROSE | 5 GAL |
| | 112 | ROSMARINUS PROSTRATUS CREEPING ROSEMARY / ROSEMARY | 5 GAL |
| | 22 | VAUQUELINIA CALIFORNICA / ARIZONA ROSEWOOD | 15 GAL |
| DESERT ACCENT | | | |
| | 32 | AGAVE AMERICANA / CENTURY PLANT | 15 GAL |
| | 24 | DASYLIRION WHEELERI / GREY DESERT SPOON | 15 GAL |
| | 62 | HESPERALOE PARVIFLORA / RED YUCCA | 5 GAL |

## PLANTING NOTES

1. CONTRACTOR TO REPAIR ALL DAMAGE TO LANDSCAPE AREAS AS A RESULT OF CONSTRUCTION
2. ALL PLANTS ARE SHOWN WITH TYPICAL SYMBOLS. CONTRACTOR SHALL VERIFY QUANTITIES AND LOCATIONS ON PLAN. REFER TO PLANT LEGEND FOR INFORMATION ON SYMBOL AND PLANT TYPE. PROVIDE ACCURATE AS-BUILTS.
3. CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PURCHASE ALL PLANT MATERIALS LISTED IN THE PLANT LEGEND. CONTRACTOR SHALL SECURE ALL PLANTS EARLY OR CONTRACT WITH NURSERY TO GROW PLANTS FOR PROJECT. ALL PLANT SUBMITTALS SHALL BE DELIVERED TO THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING LANDSCAPE CONSTRUCTION.
4. THE FOLLOWING SUBMITTALS SHALL BE DELIVERED TO LANDSCAPE ARCHITECT FOR APPROVAL:
   - ALL PLANT MATERIALS INFORMATION
   - SOIL AMENDMENTS
   - ROCK MULCH AND BOULDER SELECTIONS (INCLUDING SAMPLES)
   - WEED BARRIER AND PRE-EMERGENT INFORMATION.
5. INSTALL DEWITT PRO-5 WEED BARRIER IN ALL SHRUB PLANTING AREAS.
6. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT TIME OF PLANTING, AND WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH THE SURFACE IN TWO VERTICAL LOCATIONS.
7. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED ON A REGULAR SCHEDULE DURING THE FIRST GROWING SEASON. CONTRACTOR RESPONSIBLE FOR WARRANTY OF ALL PLANT MATERIAL (SHRUBS FOR 90 DAYS, TREES FOR 1 YEAR).

0 20 40 60 80 feet

1" = 20'

NORTH

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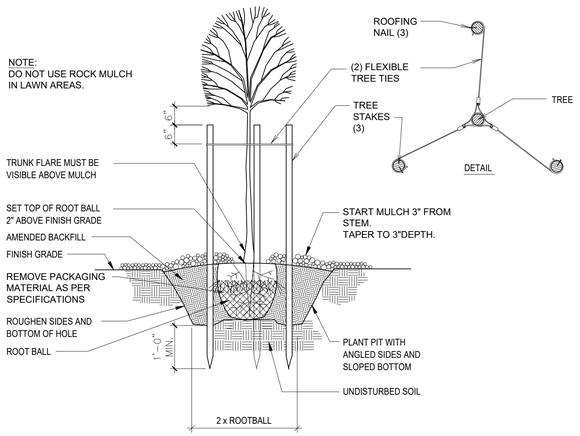
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MEETINGHOUSE
WASHINGTON, UT 84780

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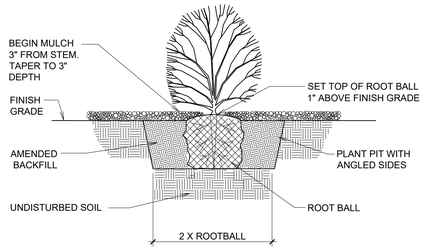
Sheet Title:
PLANTING PLAN

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L102



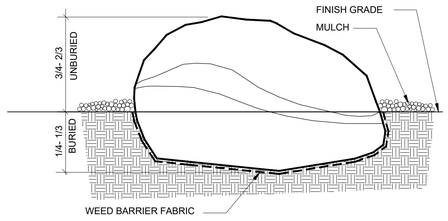

## 1 TREE PLANTING AND STAKING (WINDY AREAS)

NOT TO SCALE P-CO-2026.27-18



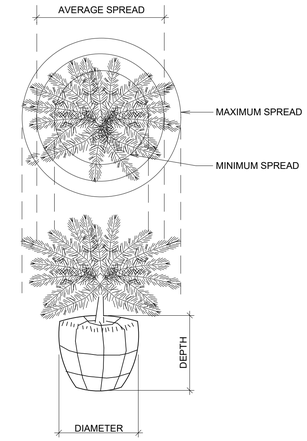

## 2 SHRUB PLANTING DETAIL

NOT TO SCALE P-CO-2023.26-2023.26-63




## 3 BOULDER PLACEMENT DETAIL

NOT TO SCALE LDS-PL-01




## 4 PROSTRATE TYPE PLANTS

NOT TO SCALE P-CO-2023.26-2023.26-65




## 5 BROAD UPRIGHT TYPE PLANTS

NOT TO SCALE P-CO-2023.26-2023.26-66




## 6 PARKING ISLAND PLANTER

NOT TO SCALE P-CO-2026.27-19

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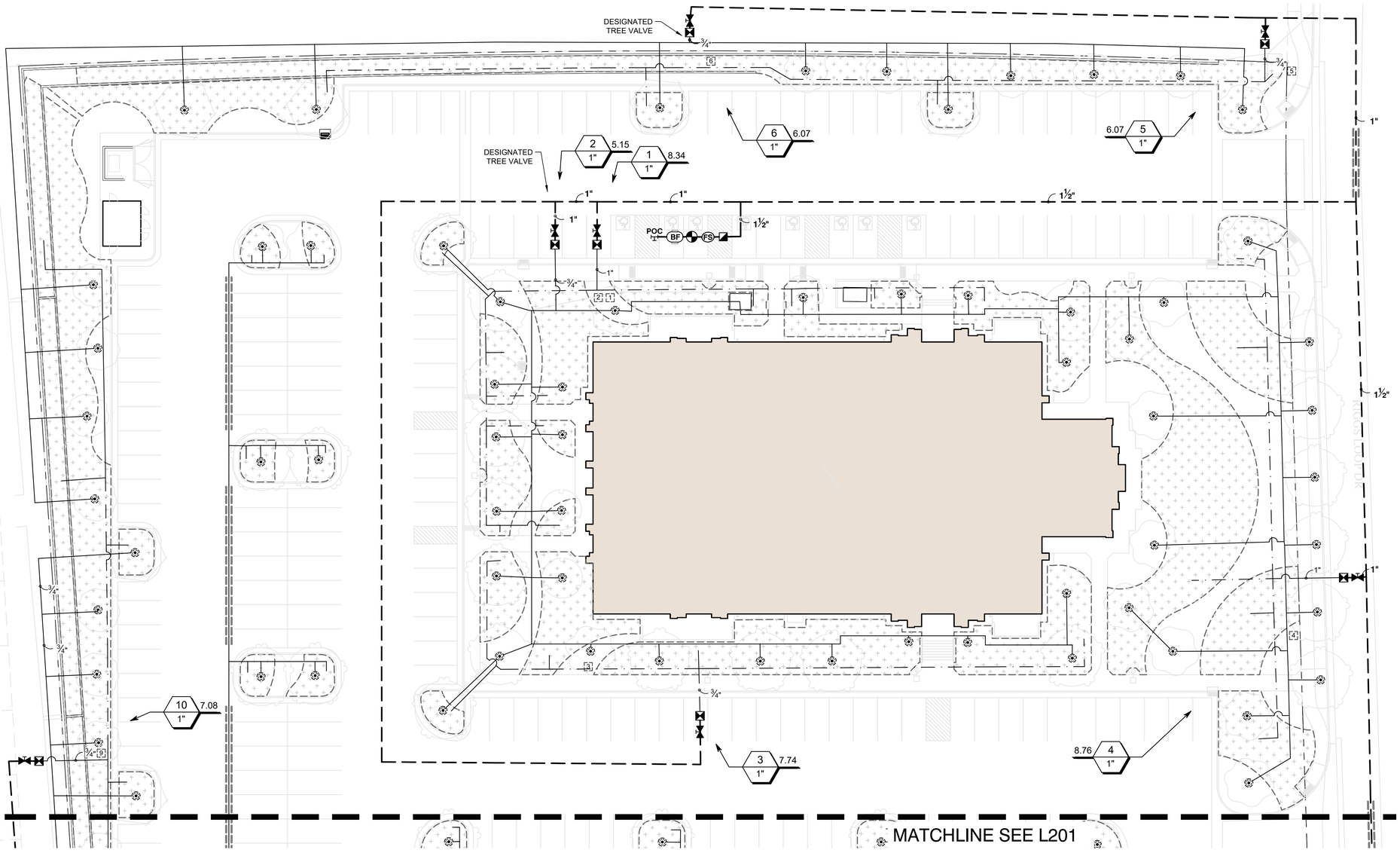
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PLANTING
DETAILS

Sheet:
L103




## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION |
|---|---|
| | HUNTER ICZ-101-25<br>DRIP CONTROL ZONE KIT. 1" ICV GLOBE VALVE WITH 1" HY100 FILTER SYSTEM. PRESSURE REGULATION: 25PSI. FLOW RANGE: 2 GPM TO 20 GPM. 150 MESH STAINLESS STEEL SCREEN. |
| | TREE RING<br>NETAFIM TECHLINE DL TLDL6-18. DRIP LINE .6 GPH EMITTERS @ 18" SPACING. SEE DETAIL |
| | AREA TO RECEIVE DRIP EMITTERS<br>RAIN BIRD XB-PC<br>SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. 2.0GPH=RED. COMES WITH A SELF-PIERCING BARB INLET X BARB OUTLET.<br><br>2.0 GPH EMITTERS (1 ASSIGNED TO EACH 1 GAL PLANT)<br>2.0 GPH EMITTERS (2 ASSIGNED TO EACH 5 GAL PLANT)<br>5.0 GPH EMITTERS (2 ASSIGNED TO EACH 15 GAL PLANT)<br>5.0 GPH EMITTERS (3 ASSIGNED TO EACH 24" BOX PLANT)<br>5.0 GPH EMITTERS (4 ASSIGNED TO EACH 36" BOX PLANT) |

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION |
|---|---|
| | HUNTER ICV-G<br>1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. |
| | HUNTER HQ-33DLRC<br>QUICK COUPLER VALVE, YELLOW LOCKING RUBBER COVER, RED BRASS AND STAINLESS STEEL, WITH 3/4" NPT INLET, 2-PIECE BODY. |
| | BALL VALVE<br>LINE SIZE PVC BALL VALVE. |
| BF | ZURN 375 1-1/2"<br>REDUCED PRESSURE PRINCIPLE ASSEMBLY. |
| FS | FLOMEC QS200-15 1-1/2"<br>1-1/2IN. INSERTION FLOWMETER, SCHEDULE 80 PVC HOUSING. .55 GPM-82 GPM RANGE, MAX. OPERATING PRESSURE 150 PSI. 2-WIRE CONNECTOR W/ LED INDICATORS FOR POWER AND PULSE. STORAGE TEMPS -20 F TO +160 F. |
| POC | WATER METER 1" |

IRRIGATION LATERAL LINE: PVC SCHEDULE 40

IRRIGATION LATERAL LINE: 3/4" POLY PIPE

IRRIGATION MAINLINE: PVC SCHEDULE 40

PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

## IRRIGATION NOTES

1. LOCATE EXISTING UTILITIES ON SITE PRIOR TO CONSTRUCTION. CONTACT UTILITY LOCATION SERVICE PRIOR TO CONSTRUCTION. REVIEW WITH LANDSCAPE ARCHITECT.
2. THE SYSTEM IS DESIGNED FOR 8 GPM MAXIMUM FLOW AT 80 PSI. FIELD VERIFY EXISTING PRESSURE PRIOR TO CONSTRUCTION. INFORM LANDSCAPE ARCHITECT OF PRESSURES THAT ARE ABOVE OR BELOW DESIGN PRESSURE.
3. VALVE AND MAINLINE LOCATIONS ARE DIAGRAMMATIC. PLACE ALL EQUIPMENT AND MAINLINE IN PLANTER BEDS.
4. COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH PLANT LOCATIONS ON PLANTING PLAN, AND WITH GENERAL CONTRACTOR.\
5. A COMPLETE MATERIALS LIST SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK. CATALOG DATA AND FULL DESCRIPTIVE LITERATURE MUST BE SUBMITTED WHENEVER THE USE OF ITEMS DIFFERENT THAN THOSE SPECIFIED IS REQUESTED.
6. INSTALL SLEEVES AND PIPE UNDER PAVING PRIOR TO PAVING INSTALLATION. SLEEVE MAINLINE AND LATERALS SEPARATELY WHERE POSSIBLE. SLEEVES TO BE A MINIMUM 2X DIAMETER OF PIPE INSIDE SLEEVE.

## DRIP IRRIGATION NOTES

1. INSTALL (1) TREE RING FOR EACH NEW 24" BOX TREE
   INSTALL TREE RINGS W/ 30" OFFSETS TO WET UP TO 20' DIAMETER OF EXISTING TREE CANOPY DRIPLINE.
2. PLACE EMITTERS EQUAL TO OR UP-SLOPE FROM SHRUBS AND TREES. EMITTERS TO RUN PARALLEL WITH BUILDING FACE.
3. ALL DRIP SYSTEM LATERAL LINES SHALL BE 3/4" UNLESS NOTED OTHERWISE ON DRAWING. MAX FLOWS SHALL NOT EXCEED 5 FPS.
4. ALL DRIP SYSTEM EMITTERS AND DISTRIBUTION TUBING ARE NOT SHOWN ON DRAWING. CONTRACTOR TO FOLLOW SPECIFICATIONS AND DETAILS FOR DRIP SYSTEM INSTALLATION. NO TUBING SHALL BE LESS THAN ½" IN DIAMETER OR MORE THAN 4' IN LENGTH.

0 20 40 60 80 feet
1" = 20'

NORTH

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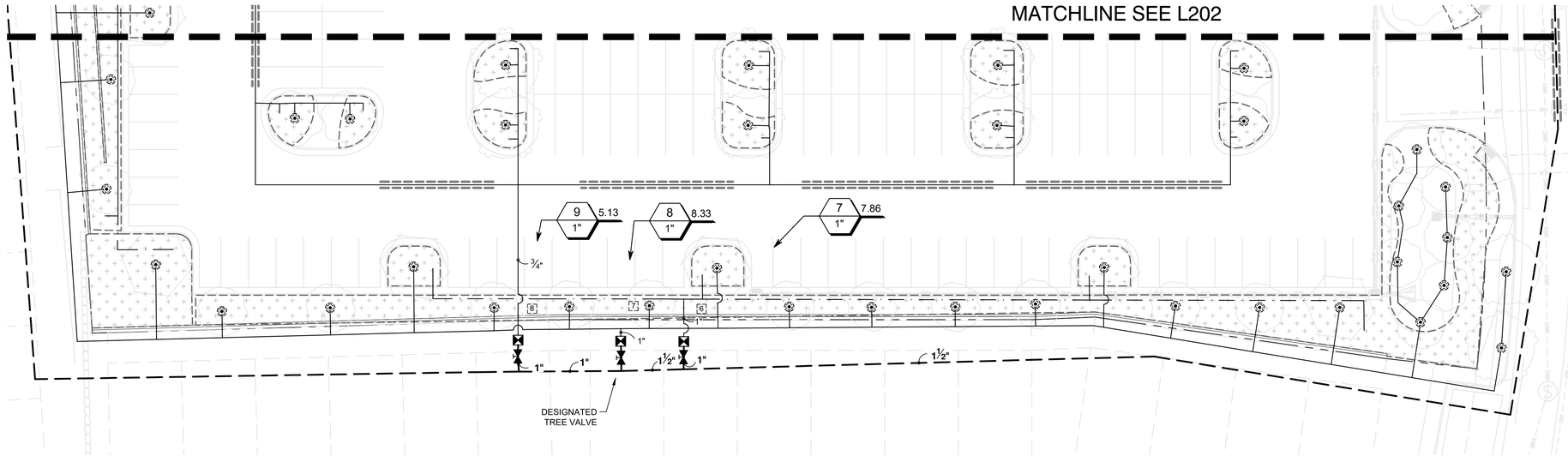
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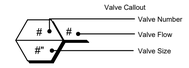
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## IRRIGATION SCHEDULE

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|---|---|
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| POC | WATER METER 1" |
| | IRRIGATION LATERAL LINE: PVC SCHEDULE 40 |
| | IRRIGATION LATERAL LINE: 3/4" POLY PIPE |
| | IRRIGATION MAINLINE: PVC SCHEDULE 40 |
| | PIPE SLEEVE: PVC SCHEDULE 40 |




## IRRIGATION NOTES

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1. INSTALL (1) TREE RING FOR EACH NEW 24" BOX TREE
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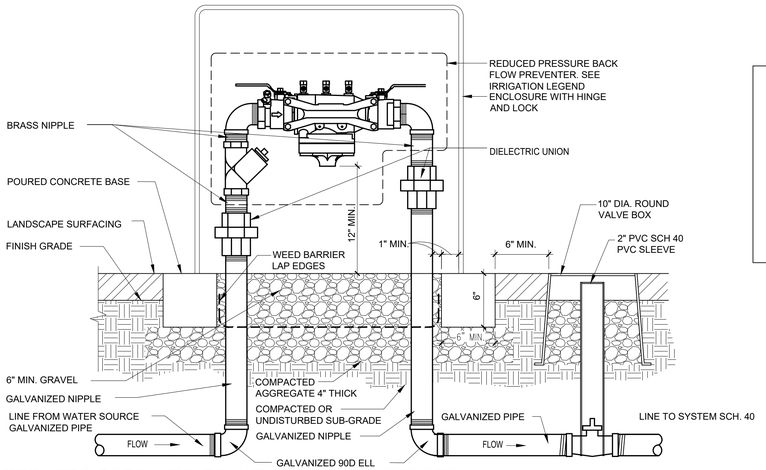
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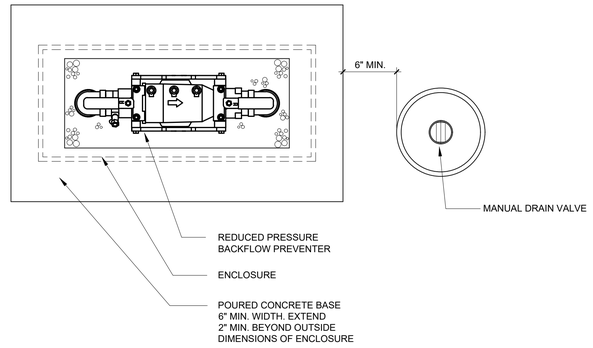
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IRRIGATION PLAN

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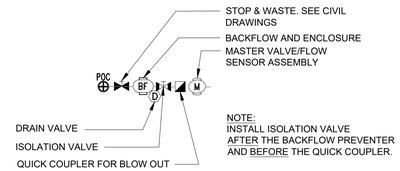




TOP VIEW

## 1 REDUCED PRESSURE BACKFLOW PREVENTER DETAIL

NOT TO SCALE

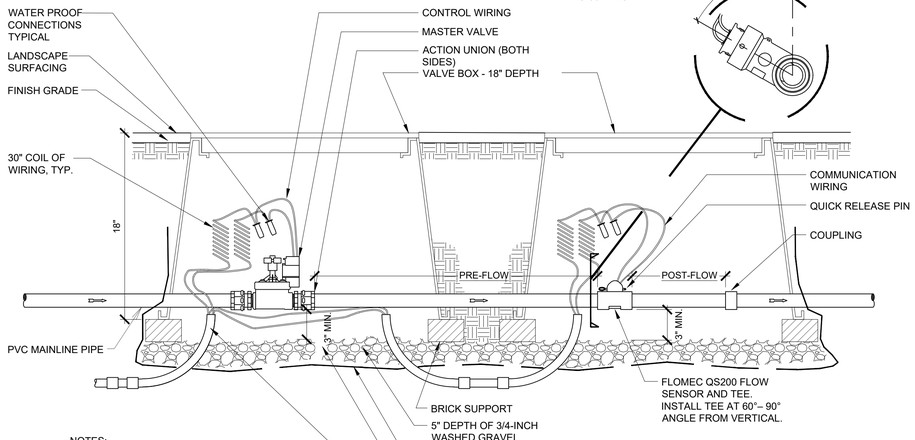
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## 2 BACKFLOW PREVENTER SCHEMATIC

NOT TO SCALE

P-LD-BUN-02




NOTES:

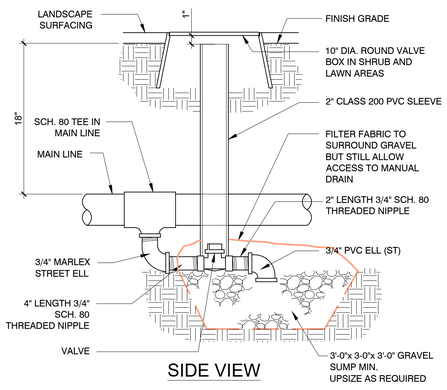
1. REFER TO SCHEDULE FOR MINIMUM PRE-FLOW AND POST-FLOW PIPE DISTANCES MATCHING FLOW SENSOR SIZE AND FREE FROM FITTINGS.
5. MASTER VALVE AND FLOW SENSOR TO BE THE SAME SIZE.
6. PLACE FITTINGS WITHIN VALVE BOX CLEAR OF SUPPORT BRICKS.
7. MAIN LINE DEPTH MAY BE 16" AT VALVE BOX TO FACILITATE BOX INSTALLATION.
8. WHEN APPLICABLE, INSTALL TWO-WIRE DECODER PER AUTOMATIC VALVE DETAIL.
9. INSTALL ALL WIRING AND COMPONENTS PER MANUFACTURER'S RECOMMENDATIONS.

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

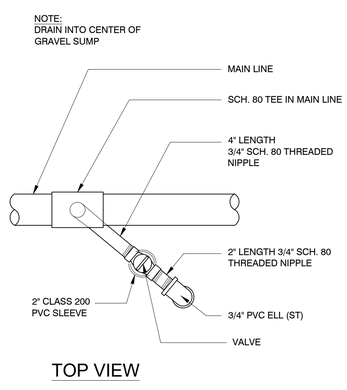
## 3 MASTER VALVE/ FLOW SENSOR ASSEMBLY (WEATHERTRAK)

NOT TO SCALE

P-LD-BUN-04




SIDE VIEW

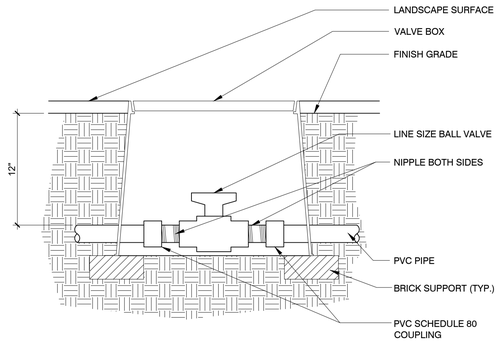



TOP VIEW

## 4 MAIN LINE MANUAL DRAIN VALVE

NOT TO SCALE

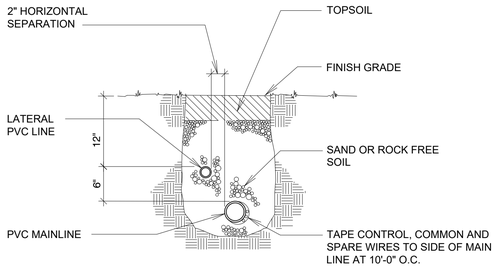
P-LD-BUN-05




## 5 ISOLATION VALVE

NOT TO SCALE

P-LD-BUN-06




## 6 TRENCH SECTION CONVENTIONAL WIRE

NOT TO SCALE

P-CO-BEA-35

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LICENSED LANDSCAPE ARCHITECT
EXPIRES 5-31-2026

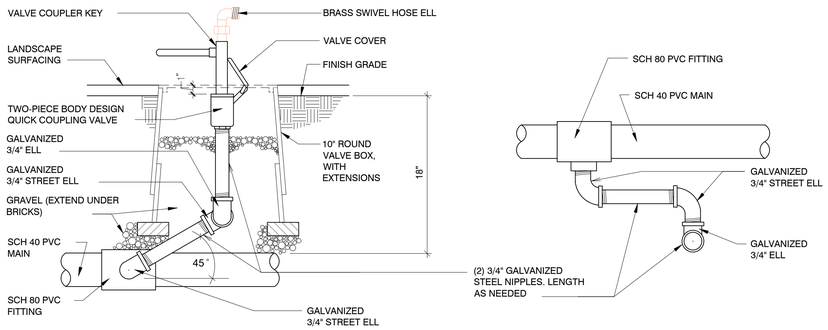
Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
IRRIGATION DETAILS

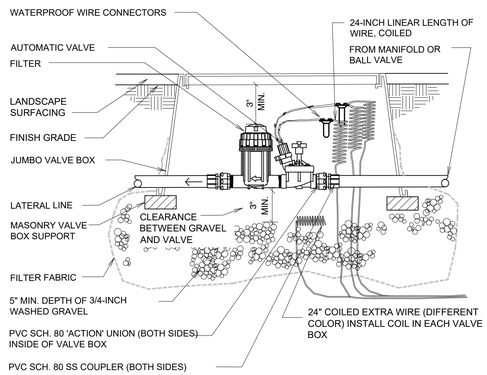
Sheet:
L203




## 1 QUICK COUPLING VALVE DETAIL

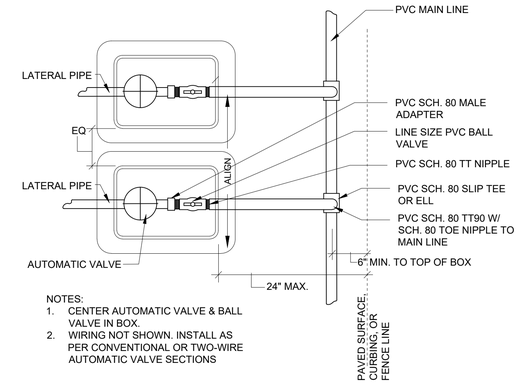
NOT TO SCALE P-LD-BUN-07

NOTES:
1. LIMIT 2 VALVES PER BOX MAX.
2. 10" MIN. LATERAL LINE DEPTH AT VALVE BOX, 12" MIN. LATERAL LINE DEPTH EVERYWHERE ELSE.




## 2 CONVENTIONAL DRIP VALVE DETAIL

NOT TO SCALE P-CO-BEA-39




NOTES:
1. CENTER AUTOMATIC VALVE & BALL VALVE IN BOX.
2. WIRING NOT SHOWN. INSTALL AS PER CONVENTIONAL OR TWO-WIRE AUTOMATIC VALVE SECTIONS

## 3 MANIFOLD AND VALVE ASSEMBLY DETAIL

NOT TO SCALE P-LD-BUN-08

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




## 4 CMU PLACEMENT DETAIL

NOT TO SCALE P-LD-BUN-09




## 5 DRIP EMITTER- BUG CAP

NOT TO SCALE P-CO-2023.26-2023.26-68




## 6 TREE RING DRIP- NEW TREES

NOT TO SCALE P-LD-BUN-10




NOTE:
INSTALL DRIP FLUSH VALVE ONLY AT LOW POINT OF EACH DRIP ZONE

## 7 IN-LINE DRIP FLUSH VALVE DETAIL

NOT TO SCALE P-CO-2023.26-2023.26-70




NOTE:
1. USE AT TREE RINGS AND AS CONNECTION FROM SUPPLY AND EXHAUST HEADERS.
2. FITTINGS TO INLINE DRIP TUBING TO BE INSERT FITTINGS. USE OETICKER CLAMPS AT NON-NETAFIM FITTINGS.
3. DO NOT EXCEED (3) GPM FLOW THROUGH SINGLE CONNECTION.

## 8 PVC TO IN-LINE EMITTER

NOT TO SCALE P-LD-BUN-13

Release Date:
27-OCT-2026

LandWORKS INCORPORATED
923 S. River Road
Suite 207, St. George
Utah, 84790
(435) 627-8656

Stamp:
STATE OF UTAH
James F. Dotson
5083497-5301
LICENSED LANDSCAPE ARCHITECT
EXPIRES 5-31-2026

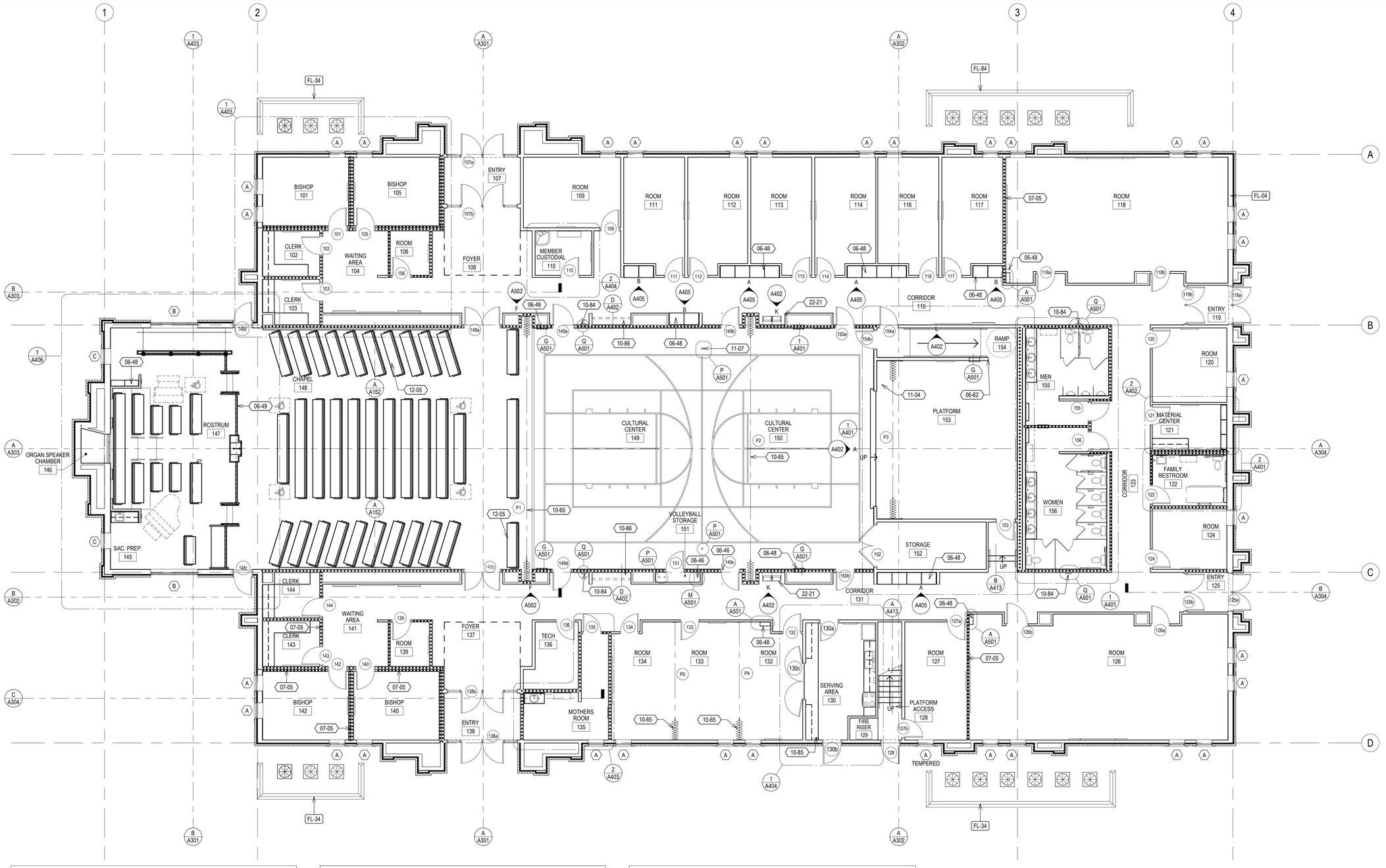
Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
IRRIGATION DETAILS

Sheet:
L204




## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 06-46 | SHELVING, SEE DETAILS |
| 06-48 | WOOD VENEER FACED ARCHITECTURAL CABINETS, SEE DETAILS & SPECIFICATION |
| 06-49 | ROSTRUM CASEWORK, SEE DETAILS & SPECIFICATION |
| 06-62 | SOLID WOOD TRIM BOARD STAINED TO MATCH WOOD TRIM COVERING END FACE OF WALL FROM FLOOR TO CEILING |
| 07-05 | BLANKET SOUND INSULATION |
| 10-65 | FOLDING ACCORDION DOOR, SEE DETAILS & SPECIFICATION |
| 10-84 | FIRE PROTECTION CABINET, SEE SPECIFICATION |
| 10-85 | FIRE EXTINGUISHER, SEE SPECIFICATION |
| 10-86 | HAT & COAT RACK, SEE SPECIFICATION |
| 11-04 | MANUALLY OPERATED STAGE CURTAIN, SEE DETAILS & SPECIFICATION |
| 11-07 | VOLLEYBALL POST HOLE, SEE DETAILS & SPECIFICATIONS |
| 12-05 | CUSHIONED PEW SEATING, SEE F101 |
| 22-21 | ELECTRICAL WATER COOLER, SEE PLUMBING DRAWINGS & SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| FL-04 | SEE ARCHITECTURAL WALL TYPES PLAN FOR ALL WALL TYPES |
| FL-34 | MECHANICAL ENCLOSURE WALL, SEE CIVIL & MECHANICAL DRAWINGS |

## FLOOR PLAN GENERAL NOTES

1. SEE SHEET A103 FOR DIMENSIONS.
2. SEE SHEET A111, A112 & A113 FOR WALL TYPES
3. INSULATE ATTIC SPACE ABOVE AND INTERIOR WALLS AROUND ENTRY 107, 119, 125 AND 138.
4. PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DISPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, WALL HUNG CABINETS, AND AT ALL OTHER EQUIPMENT AND ACCESSORY LOCATIONS.
5. FOR ELEVATIONS OF VISUAL DISPLAY BOARDS, SEE SHEET F103.
6. VAPOR RETARDER UNDER CONCRETE SLAB - SEE STRUCTURAL.
7. FOR LOCATION OF RETURN AIR DUCT IN STUD WALLS, SEE MECHANICAL DRAWINGS.
8. PROVIDE A 2x FIRE BLOCKING IN ALL WALLS AT CEILING AND FLOOR LEVELS.
9. ALL WALLS EXCEEDING 10 FEET IN HEIGHT, PROVIDE 2x FIRE BLOCKING NOT TO EXCEED 10'-0" O.C. VERTICALLY.
10. FOR DOOR SCHEDULES, SEE SHEET A601.
11. SEE CIVIL SHEETS FOR CONTINUATION OF CONCRETE SIDEWALK AT ENTRIES AND ALL OTHER SITE CONCRETE.
12. GRID LIINES ARE TO BE TO FACE OF STUD UNLESS NOTED OTHERWISE.
13. IF AHJ REQUIRES A "KNOX BOX, ARCHITECT WILL INDICATE THE LOCATION PER THE AHJ'S REQUIREMENT. IF NOT REQUIRED, REMOVE REFERENCES TO A "KNOX" BOX AND DO NOT PROVIDE ONE.
14. LIGHT COVE AND SLOPED WALL, SEE A/A152.
15. SEE SHEET F101 FOR FURNISHINGS PLAN AND SCHEDULES.

## MAIN FLOOR PLAN

1/8" = 1'-0"

1 / A101

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

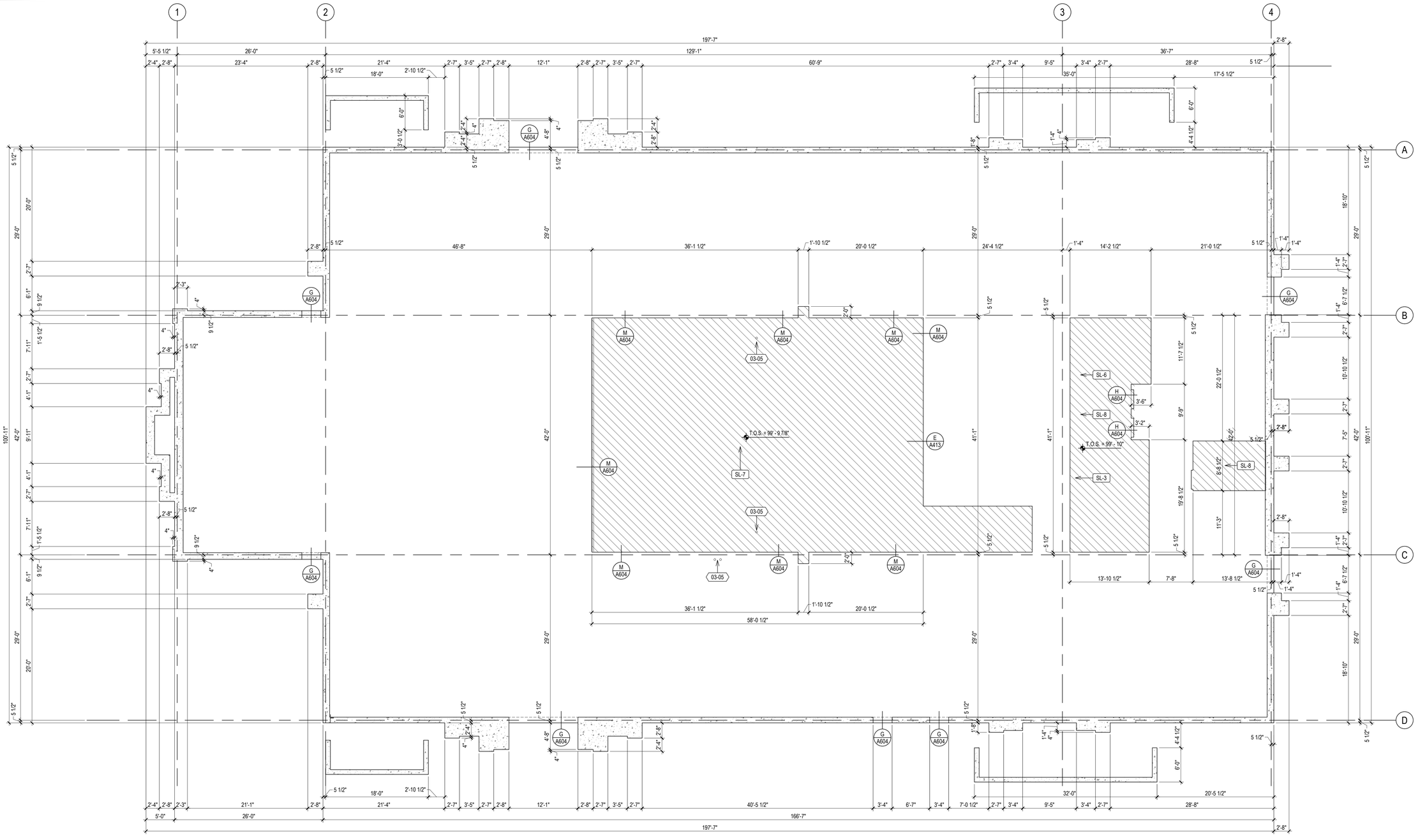
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
MAIN FLOOR PLAN

Sheet:
A101




## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 03-05 | CAST IN PLACE FOOTINGS AT VOLLEYBALL POST SLEEVES, SEE STRUCTURAL DRAWINGS & SPECIFICATIONS |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| SL-3 | CONTRACTOR TO COORDINATE LOCATION OF DRAINS IN RESTROOMS, SETTING BED TO PROVIDE SLOPE AT DRAINS |
| SL-6 | PROVIDE BLOCKOUT IN STRUCTURAL SLAB FOR PLUMBING, COORDINATE WITH PLUMBING DRAWINGS |
| SL-7 | RECESS SLAB AS SHOWN FOR ATHLETIC FLOOR, SEE DETAILS |
| SL-8 | RECESS SLAB AS SHOWN FOR TILE FLOOR, SEE DETAILS |

## SLAB PLAN GENERAL NOTES

HATCH INDICATES RECESSED SLAB, DEPTH AS NOTED

## MAIN FLOOR SLAB PLAN

1/8" = 1'-0"

1 / A102

Release Date:
27-OCT-2026

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Dennis B. Patten, AIA
P.O. Box 217
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Project Name:
LONG VALLEY
GRANGER 300
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WASHINGTON, UT 84780

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| | | |

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G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
MAIN FLOOR
SLAB PLAN

Sheet:
A102




## DIMENSION PLAN GENERAL NOTES

1. DIMENSIONS ARE FROM FACE OF STUD UNLESS NOTED OTHERWISE.
2. SEE SHEETS A111 & A112 FOR WALL TYPES.
3. FOR LOCATION OF RETURN AIR DUCTS IN STUD WALLS SEE MECHANICAL DRAWINGS.

## MAIN FLOOR DIMENSION PLAN

1/8" = 1'-0"

1 / A103

Release Date:
27-OCT-2026

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(435) 673-6579

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Project Name:
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WASHINGTON, UT 84780

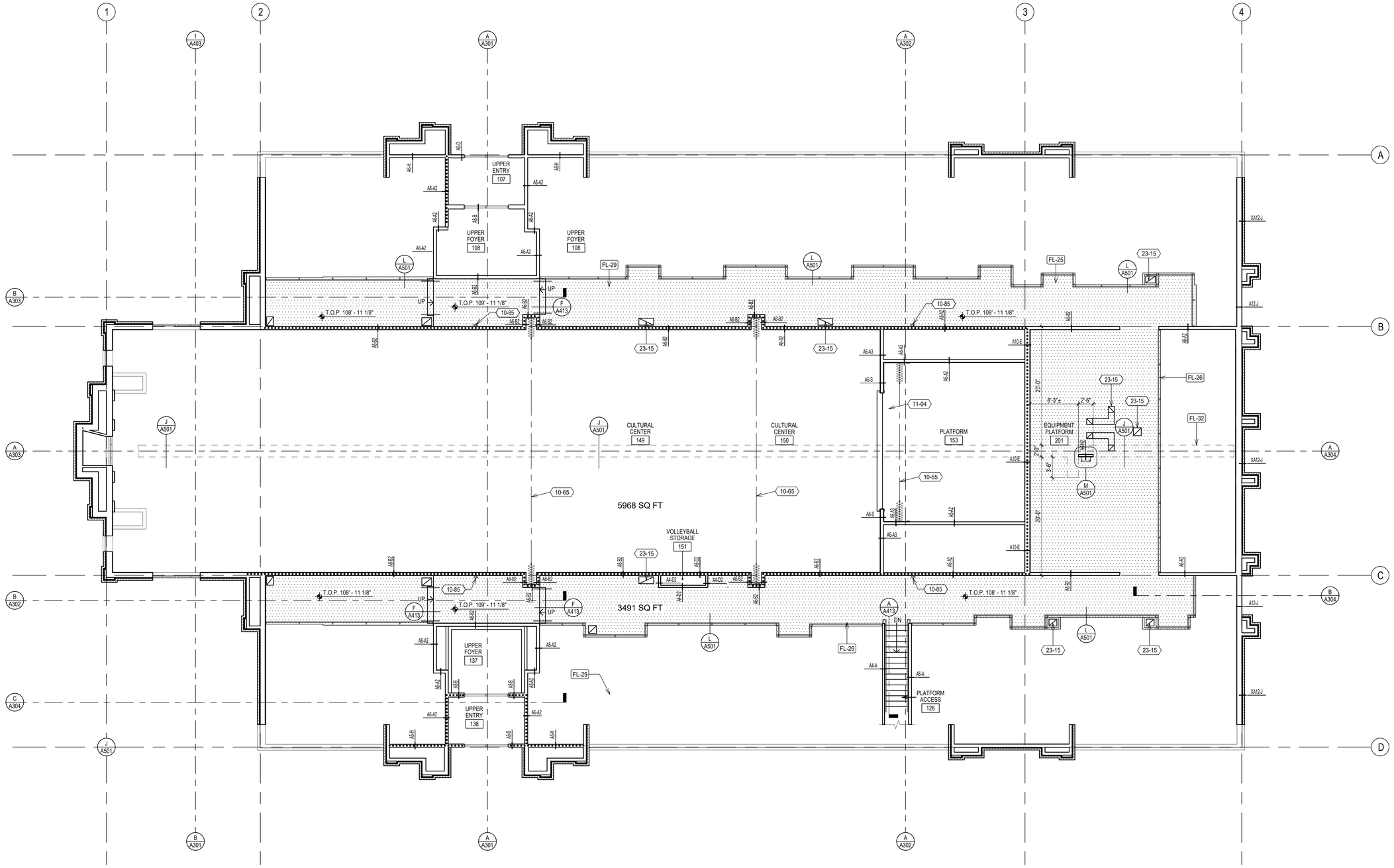
Project for:
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|---|---|---|

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Property Number:
501-8721-26010101

Sheet Title:
MAIN FLOOR DIMENSION PLAN

Sheet:
A103




## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 10-65 | FOLDING ACCORDION DOOR, SEE DETAILS & SPECIFICATION |
| 10-85 | FIRE EXTINGUISHER, SEE SPECIFICATION |
| 11-04 | MANUALLY OPERATED STAGE CURTAIN, SEE DETAILS & SPECIFICATION |
| 23-15 | HVAC DUCTS, SEE MECHANICAL DRAWINGS & SPECIFICATION |
| | |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| FL-25 | 3/4" PLYWOOD SHEATHING AT EQUIPMENT PLATFORM FLOOR, TYPICAL |
| FL-26 | INSTALL SAFETY GUARDRAIL & HANDRAIL IN LOFT EXCEPT WHERE PROTECTED BY MECH. DUCTWORK. SEE DETAILS |
| FL-29 | SEE MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LAYOUT |
| FL-32 | CATWALK FOR ATTIC ACCESS, SEE DETAILS |
| | |

## EQUIPMENT PLATFORM GENERAL NOTES

1. SEE SHEET A105 FOR MAIN FLOOR PLAN WALL TYPES.
2. SEE SHEETS A111 & A112 FOR WALL DESCRIPTIONS.
3. INSTALL ATTIC GUARDRAIL AS NEEDED EXCEPT WHERE DUCT WORK OCCURS.
4. PLATFORM AREA CALCULATION: 5968 SQ FT *2/3 = 3979 SQ FT
   PLATFORM AREA = 3491SQ FT 3491 SQ FT < 3979 SQ FT

EQUIPMENT PLATFORM
1/8" = 1'-0"
1 / A104

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27-OCT-2026

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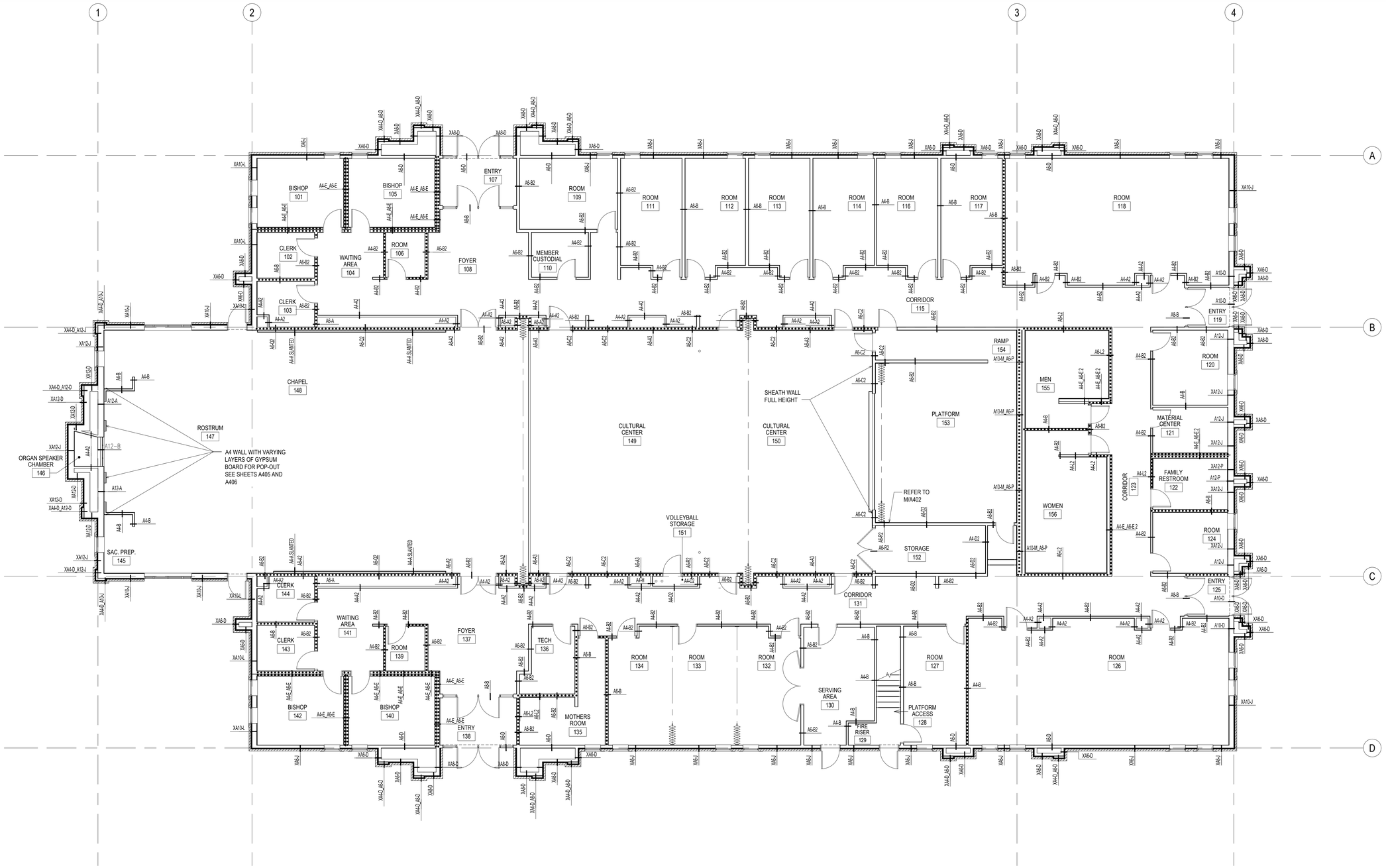
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|---|---|---|
| | | |

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PCA-2610
Plan Series:
G-300-MH-11
Property Number:
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Sheet Title:
EQUIPMENT
PLATFORM
PLAN

Sheet:
A104




## WALL TYPES FLOOR PLAN GENERAL NOTES

1. SEE SHEET A111, A112 & A113 FOR WALL DESCRIPTIONS.
2. PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DISPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, WALL HUNG CABINETS, AND AT ALL OTHER EQUIPMENT AND ACCESSORY LOCATIONS.
3. FOR LOCATION OF RETURN AIR DUCT IN STUD WALLS, SEE MECHANICAL DRAWINGS.
4. PROVIDE A 2x FIRE BLOCKING IN ALL WALLS AT CEILING AND FLOOR LEVELS.
5. ALL WALLS EXCEEDING 10 FEET IN HEIGHT, PROVIDE 2x FIRE BLOCKING NOT TO EXCEED 10'-0" O.C. VERTICALLY.
6. ALL SCL FRAMED WALLS SHALL HAVE SCL SILL PLATES, TOP PLATES, STUDS, HEADERS, TRIMMERS AND KING STUDS.
7. ●●●●●●●●●● DOTS INDICATE SOUND INSULATION BATTS, SEE SPECIFICATION.

## MAIN FLOOR WALL TYPES PLAN

1/8" = 1'-0"

1 / A105

Release Date:
27-OCT-2026

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LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (DMMYY) | Description |
|---|---|---|
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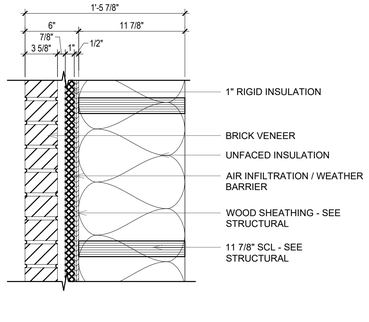
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PCA-2610

Plan Series:
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Property Number:
501-8721-26010101

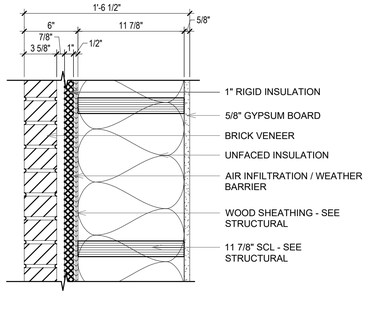
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MAIN FLOOR WALL TYPES PLAN

Sheet:
A105



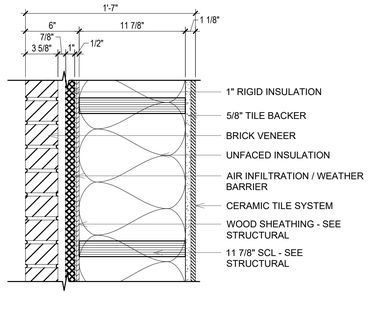

## XA12-D WALL TYPE

1 1/2" = 1'-0"



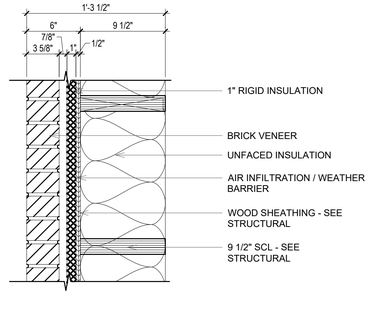

## XA12-J WALL TYPE

1 1/2" = 1'-0"



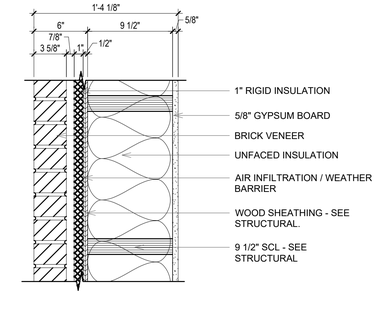

## XA12-P WALL TYPE

1 1/2" = 1'-0"



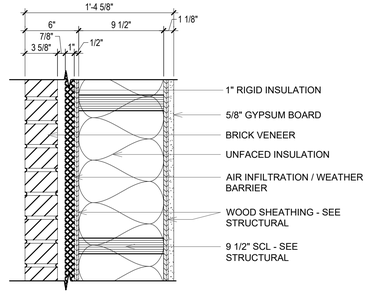

## XA10-D WALL TYPE

1 1/2" = 1'-0"



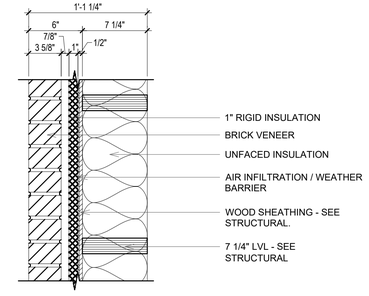

## XA10-J WALL TYPE

1 1/2" = 1'-0"



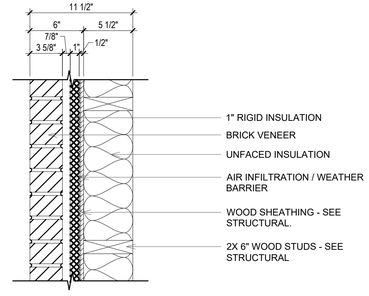

## XA10-L WALL TYPE

1 1/2" = 1'-0"



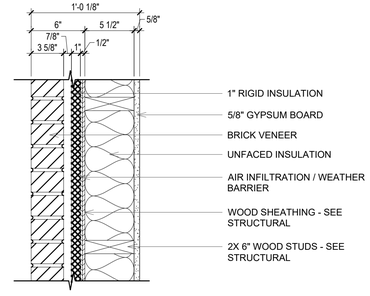

## XA8-D WALL TYPE

1 1/2" = 1'-0"



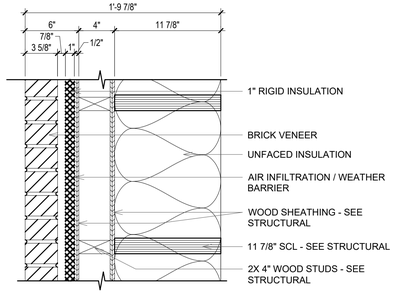

## XA6-D WALL TYPE

1 1/2" = 1'-0"



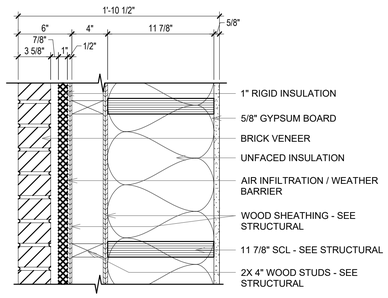

## XA6-J WALL TYPE

1 1/2" = 1'-0"



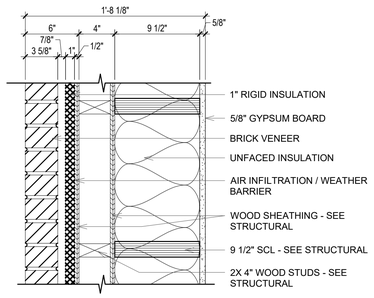

## XA4-D_A12-D WALL TYPE

1 1/2" = 1'-0"



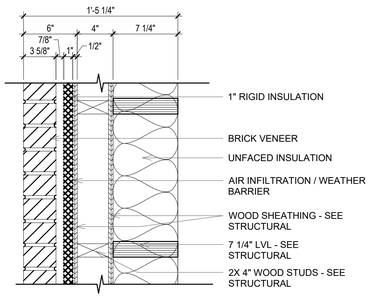

## XA4-D_A12-J WALL TYPE

1 1/2" = 1'-0"



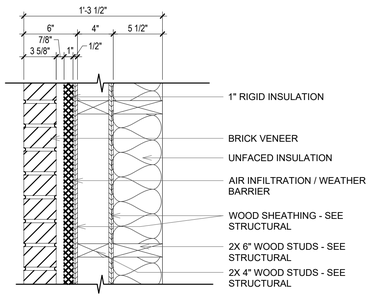

## XA4-D_A10-J WALL TYPE

1 1/2" = 1'-0"




## XA4-D_A8-D WALL TYPE

1 1/2" = 1'-0"




## XA4-D_A6-D WALL TYPE

1 1/2" = 1'-0"

Release Date:
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P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

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LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

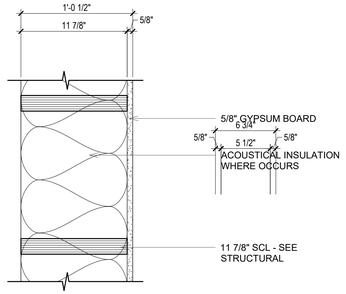
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
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Property Number:
501-8721-26010101

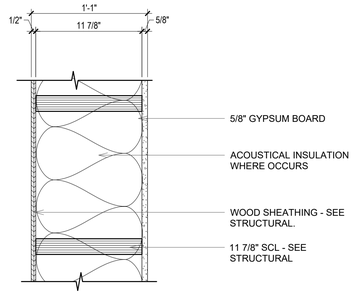
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EXTERIOR WALL TYPES

Sheet:
A111



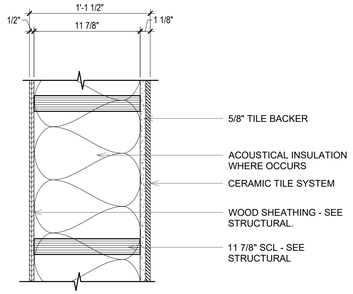

## A12-A WALL TYPE

1 1/2" = 1'-0"



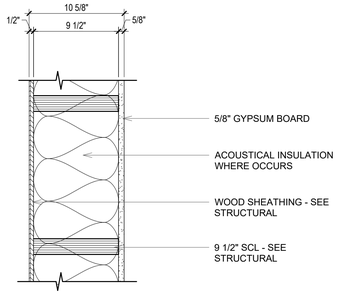

## A12-J WALL TYPE

1 1/2" = 1'-0"



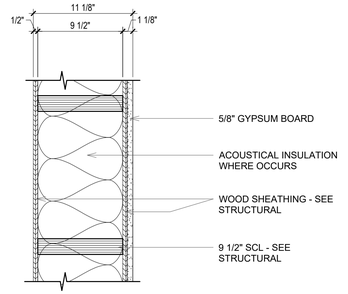

## A12-P WALL TYPE

1 1/2" = 1'-0"



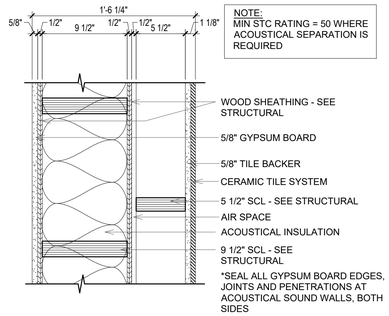

## A10-D WALL TYPE

1 1/2" = 1'-0"



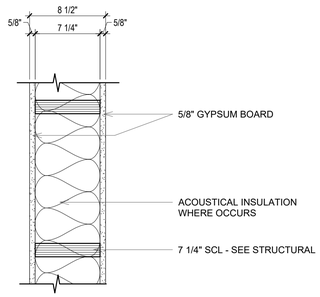

## A10-E WALL TYPE

1 1/2" = 1'-0"



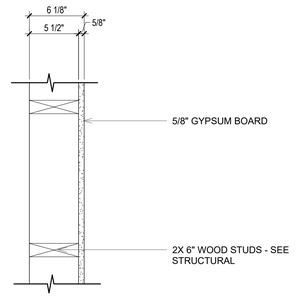

## A10-M_A6-P WALL TYPE

1 1/2" = 1'-0"



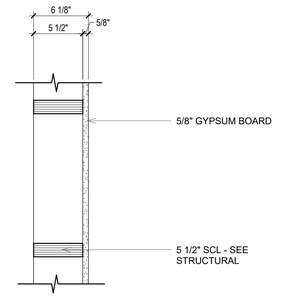

## A8-B WALL TYPE

1 1/2" = 1'-0"



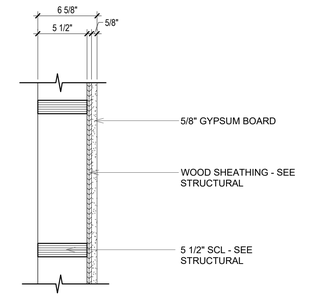

## A6-A WALL TYPE

1 1/2" = 1'-0"



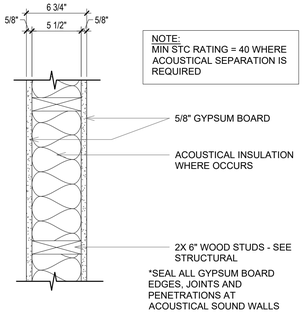

## A6-A2 WALL TYPE

1 1/2" = 1'-0"



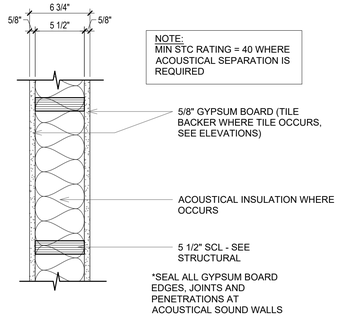

## A6-A3 WALL TYPE

1 1/2" = 1'-0"



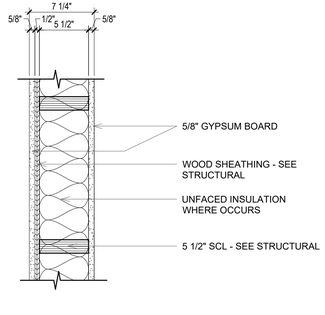

## A6-B WALL TYPE

1 1/2" = 1'-0"



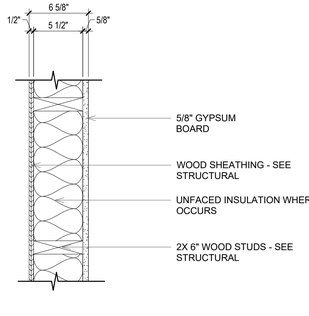

## A6-B2 WALL TYPE

1 1/2" = 1'-0"



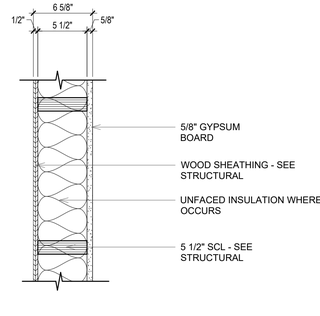

## A6-C2 WALL TYPE

1 1/2" = 1'-0"



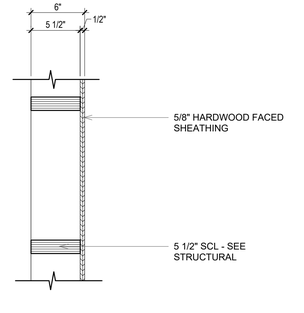

## A6-D WALL TYPE

1 1/2" = 1'-0"



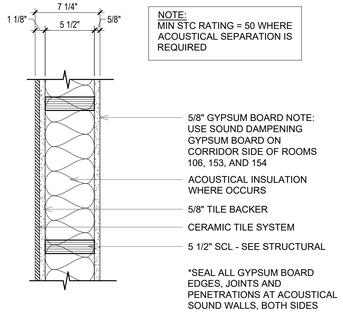

## A6-D2 WALL TYPE

1 1/2" = 1'-0"



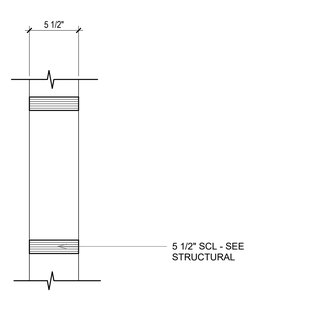

## A6-H WALL TYPE

1 1/2" = 1'-0"



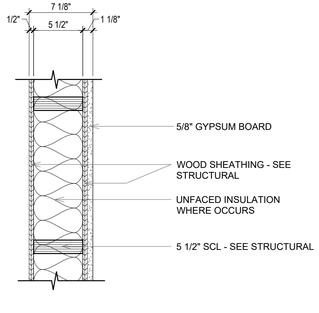

## A6-L2 WALL TYPE

1 1/2" = 1'-0"



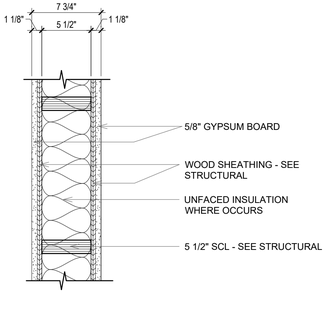

## A6-Q2 WALL TYPE

1 1/2" = 1'-0"




## A6-R2 WALL TYPE

1 1/2" = 1'-0"




## A6-S2 WALL TYPE

1 1/2" = 1'-0"

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Project Name:
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GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

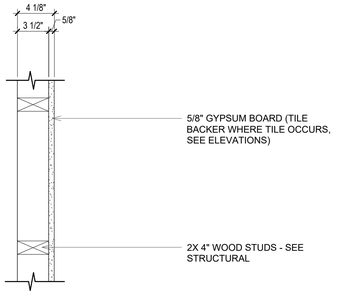
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
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Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

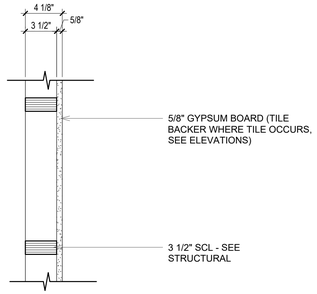
Sheet Title:
INTERIOR
WALL TYPES

Sheet:
A112



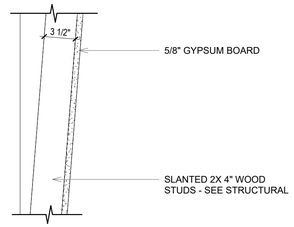

## A4-A WALL TYPE

1 1/2" = 1'-0"



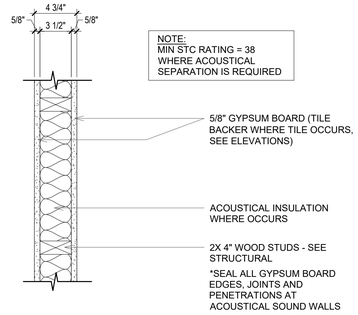

## A4-A2 WALL TYPE

1 1/2" = 1'-0"



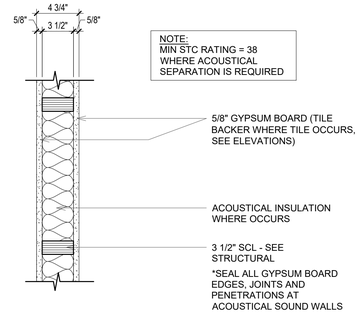

## A4-A SLANTED WALL TYPE

1 1/2" = 1'-0"



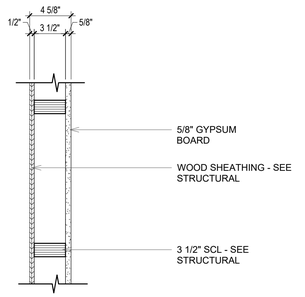

## A4-B WALL TYPE

1 1/2" = 1'-0"



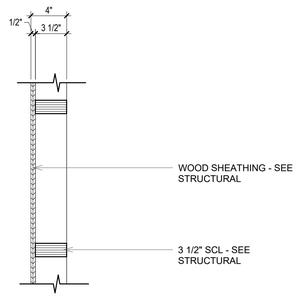

## A4-B2 WALL TYPE

1 1/2" = 1'-0"



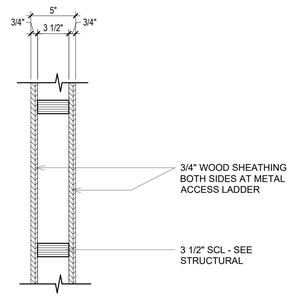

## A4-D2 WALL TYPE

1 1/2" = 1'-0"



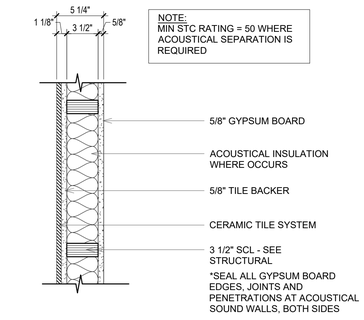

## A4-H WALL TYPE

1 1/2" = 1'-0"



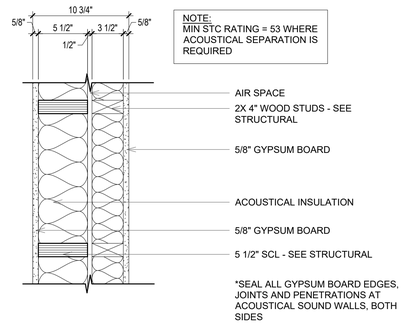

## A4-H2 WALL TYPE

1 1/2" = 1'-0"



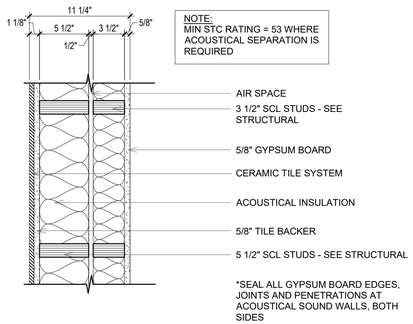

## A4-L2 WALL TYPE

1 1/2" = 1'-0"




## A4-E_A6-E WALL TYPE

1 1/2" = 1'-0"




## A4-E_A6-E2 WALL TYPE

1 1/2" = 1'-0"

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LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

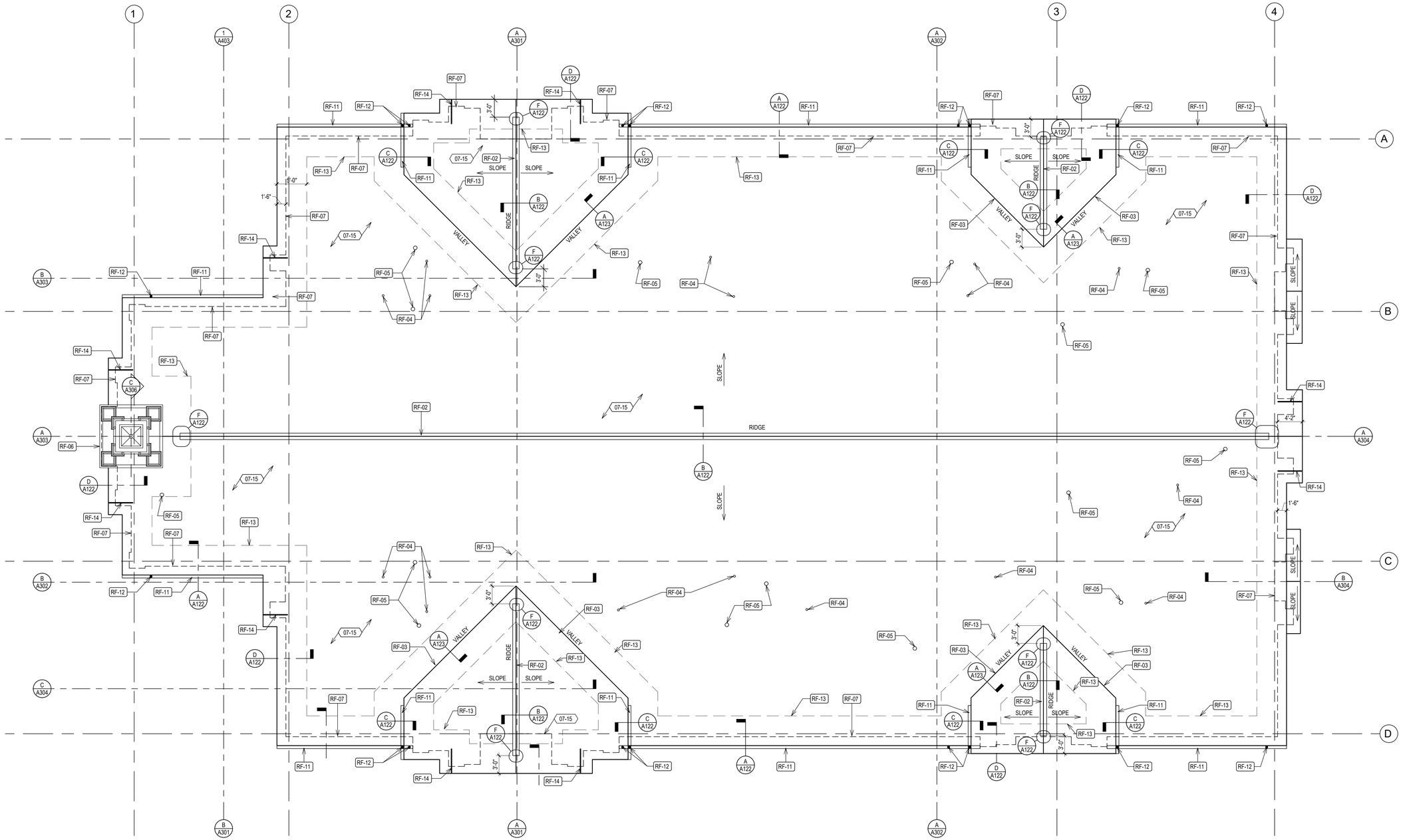
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
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Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
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Sheet Title:
INTERIOR
WALL TYPES

Sheet:
A113




## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 07-15 | CONCRETE ROOF TILES AS SELECTED BY ARCHITECT, SEE DETAILS & SPECIFICATIONS |
| | |
| | |
| | |
| | |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| RF-02 | TYPICAL RIDGE VENT, SEE DETAILS |
| RF-03 | VALLEY FLASHING, SEE DETAILS |
| RF-04 | VENTS AND COMBUSTION AIR PIPES AT EACH FURNACE, SEE DETAILS & MECHANICAL RAWINGS |
| RF-05 | PLUMBING VTR, SEE DETAILS AND PLUMBING SHEETS |
| RF-06 | STEEPLE, SEE ELEVATIONS, ENLARGED PLANS & SECTIONS |
| RF-07 | LINE OF WALL BELOW ROOF, SEE OVERALL AND ENLARGED PLANS |
| RF-11 | METAL RAIN GUTTER, SEE DETAILS AND SPECIFICATIONS |
| RF-12 | METAL DOWNSPOUT, SEE DETAILS AND SPECIFICATIONS |
| RF-13 | LINE OF SECONDARY UNDERLAYMENT |
| RF-14 | METAL WATER DIVERTER, SEE DETAIL C/A123 |

## ROOF PLAN GENERAL NOTES

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

## ROOF PLAN

1/8" = 1'-0"

1 / A121

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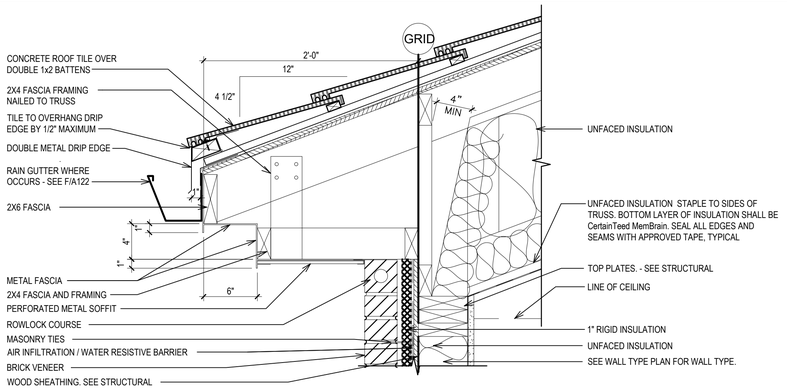
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|---|---|---|
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Project Number:
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Sheet Title:
ROOF PLAN

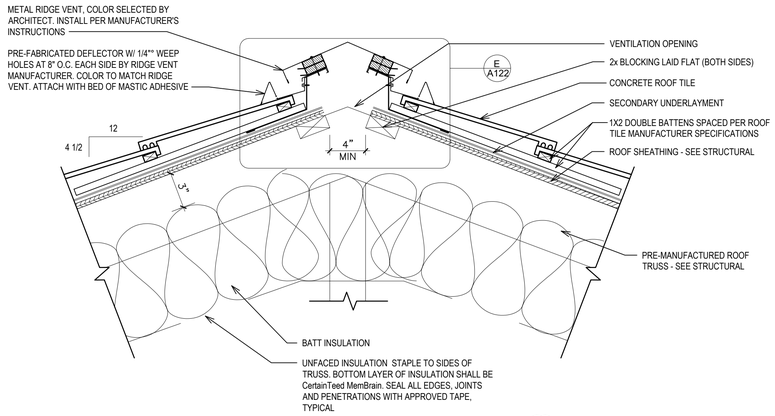
Sheet:
A121




## ROOF - FASCIA - TYPICAL CONDITION

1 1/2" = 1'-0"

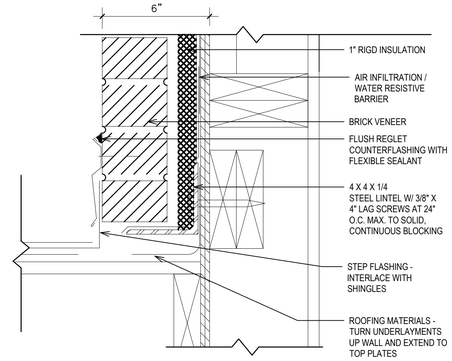
A / A122




## ROOF - RIDGE SECTION

1 1/2" = 1'-0"

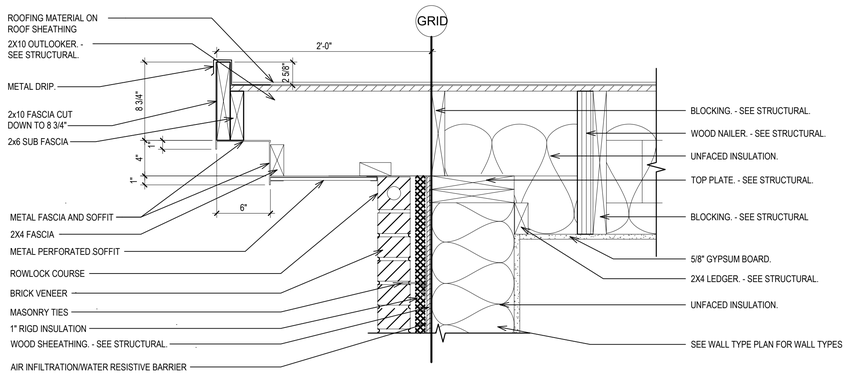
B / A122




## ROOF - WALL SECTION

3" = 1'-0"

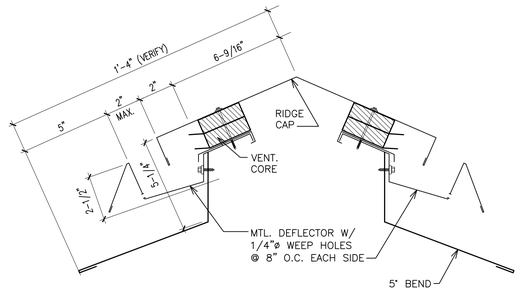
C / A122




## ROOF - FASCIA DETAIL AT RAKE

1 1/2" = 1'-0"

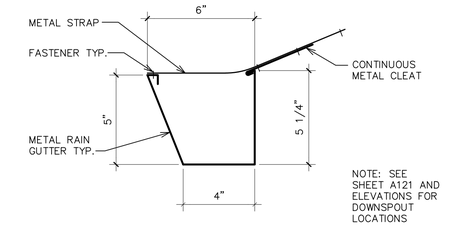
D / A122




## ROOF - RIDGE VENT ENLARGED

3" = 1'-0"

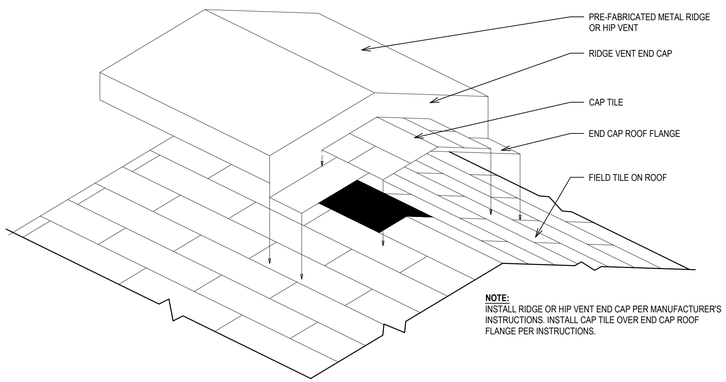
E / A122




## ROOF - RAIN GUTTER DETAIL

3" = 1'-0"

F / A122




## ROOF - RIDGE VENT END CAP DETAIL

1 1/2" = 1'-0"

G / A122

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Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

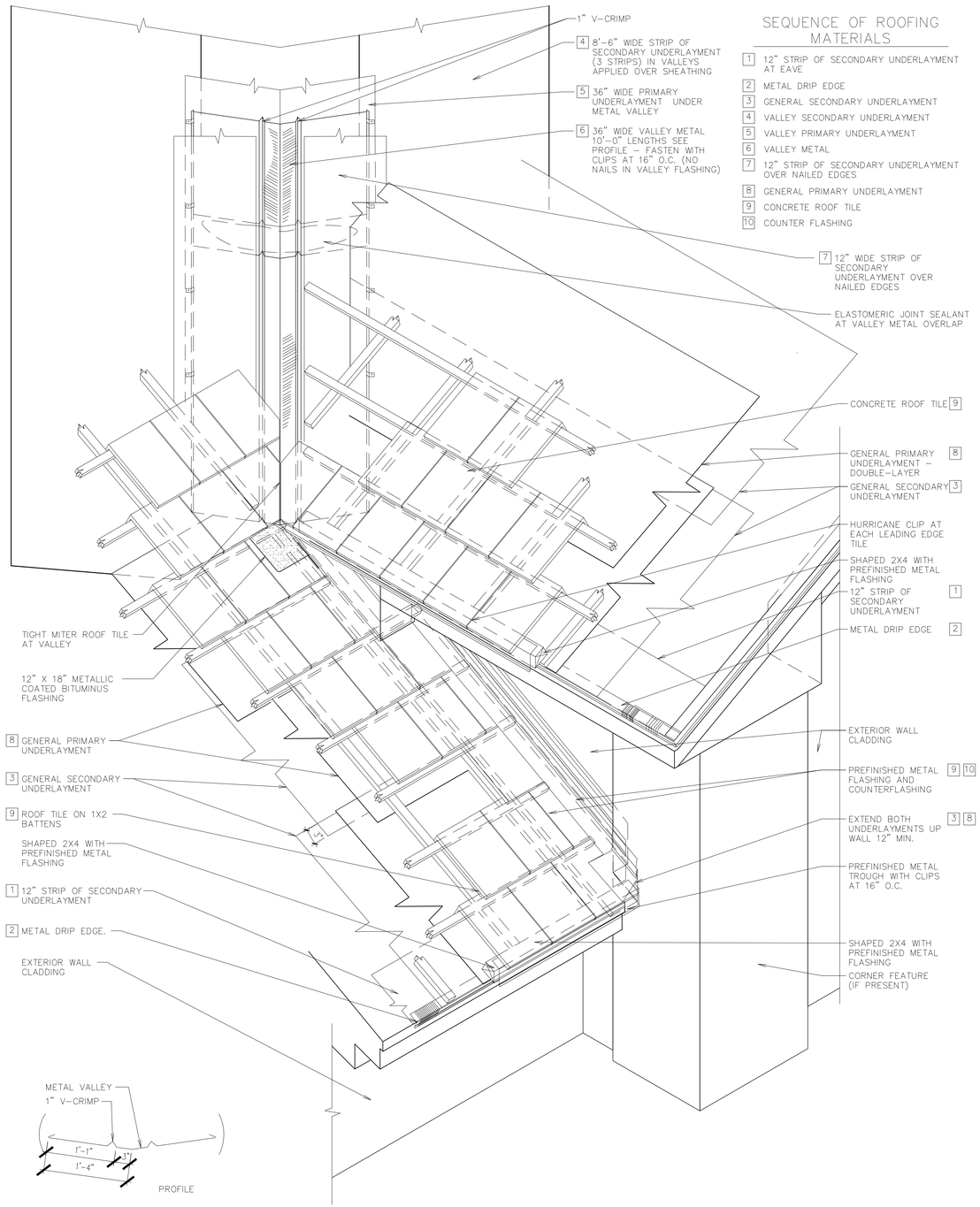
Project for:
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| Mark | Date (D-MM-Y) | Description |
|---|---|---|
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Project Number:
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Plan Series:
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Property Number:
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Sheet Title:
ROOF DETAILS

Sheet:
A122



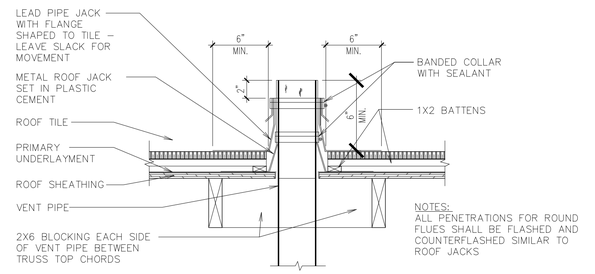

## SEQUENCE OF ROOFING MATERIALS

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. CONCRETE ROOF TILE
10. COUNTER FLASHING

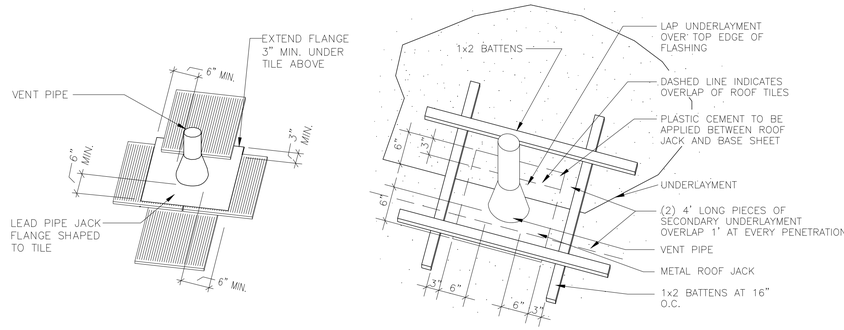
## ROOF - VALLEY FLASHING DETAIL

N.T.S.

A / A123



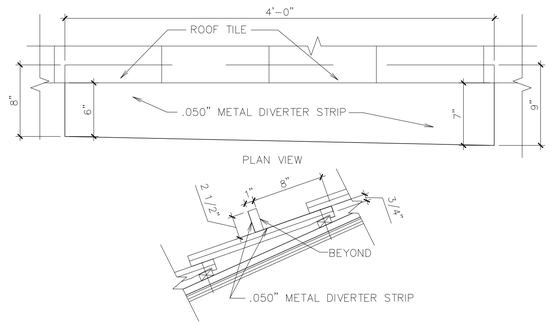

## SECTION




## ROOF - PIPE BOOT FLANGE DETAIL

1 1/2" = 1'-0"

B / A123




## ROOF - METAL DIVERTER DETAIL

1 1/2" = 1'-0"

C / A123

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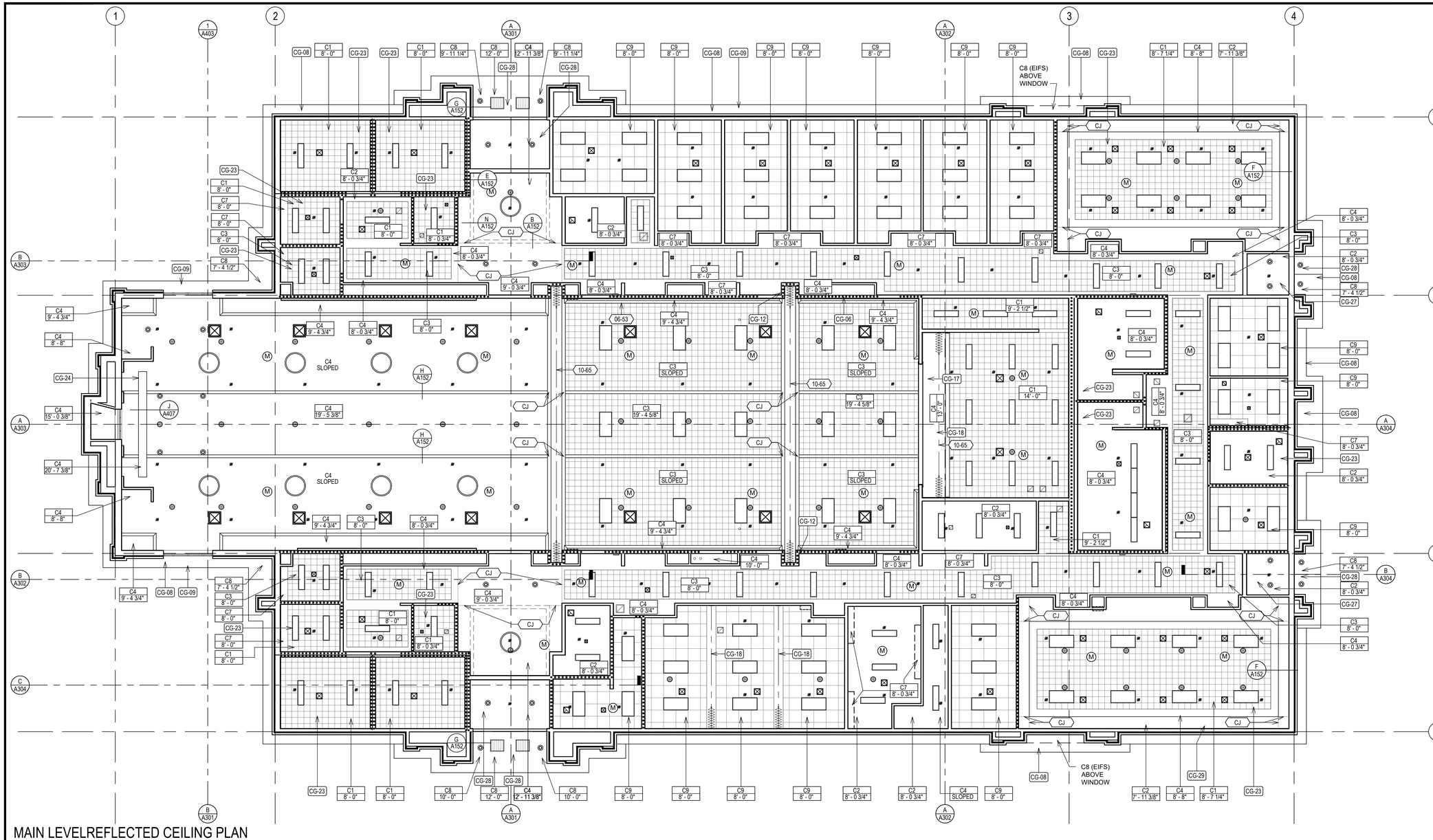
Project for:
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JESUS CHRIST
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| Mark | Date | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
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Sheet Title:
ROOF DETAILS

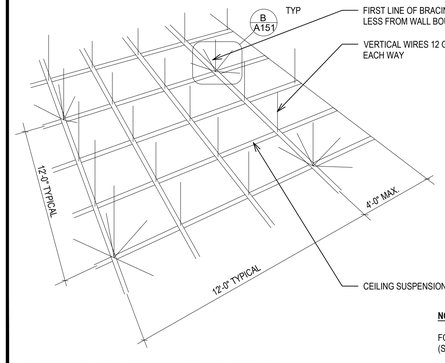
Sheet:
A123




## MAIN LEVELREFLECTED CEILING PLAN

1/8" = 1'-0"

1 A151




**NOTES:**

1. SPLAY WIRE BRACING AND COMPRESSION POSTS/STRUTS ARE ONLY REQUIRED IN SEISMIC DESIGN CATEGORIES D, E, AND F.
2. AREAS SMALLER THAN 1,000 SF 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. USE 7/8" WALL MOULDING IN SEISMIC DESIGN CATEGORIES D, E, AND F. ATTACH TEES/RUNNERS TO WALL WITH SEISMIC CLIPS.

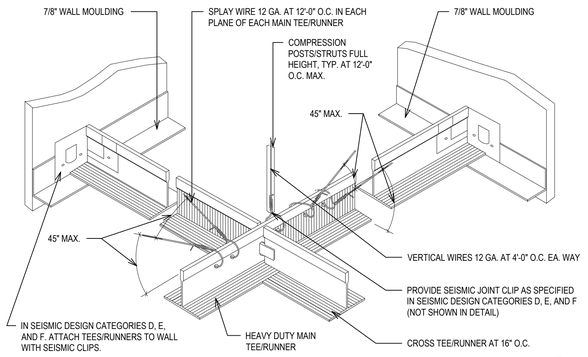
**NOTE:**

FOR METAL ACOUSTICAL SUSPENSION ASSEMBLIES (SIMILAR FOR METAL SUSPENSION SYSTEM: GYPSUM BOARD)

## CEILING SUSPENSION DETAIL

1 1/2" = 1'-0"

A A151




## CEILING SUSPENSION DETAIL

1 1/2" = 1'-0"

B A151

### REFLECTED CEILING PLAN - FINISH SCHEDULE

CEILING TYPE → C1 / HEIGHT → 1' - 0"

CEILING TYPE → C1 / REFER TO SECTION → SLOPE

- C1. CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD AND ACOUSTICAL TILE
- C2. CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD - PAINTED
- C3. ACOUSTICAL TILE ON GYPSUM BOARD
- C4. GYPSUM BOARD - PAINTED
- C5. METAL SOFFIT - SEE A/A122
- C6. CONTINUOUS VENT STRIP
- C7. WOOD FURRED DOWN OVER CABINETS - SEE A/A407
- C8. EIFS - EXTERIOR STUCCO SYSTEM SOFFIT
- C9. SUSPENDED CEILING TILE 2' X 2'. PROVIDE SOUND ATTENUATION BLANKETS ABOVE CEILING GRID.

### KEYNOTES

XX-XX ← KEYNOTE MATERIAL

**MATERIAL / SPECIFICATION KEYNOTES**

| | |
|---|---|
| 06-53 | HARDWOOD TRIM, SEE DETAILS & SPECIFICATION |
| 10-65 | FOLDING ACCORDION DOOR, SEE DETAILS & SPECIFICATION |
| CJ | CONTROL JOINT IN GYPSUM BOARD, SEE SPECIFICATION |

### CEILING PLAN GENERAL NOTES

1. WALL MOUNTED LIGHT FIXTURES THAT OCCUR BELOW CEILING LINE ARE NOT SHOWN.
2. MOUNTING OF SPEAKERS: CORRIDOR - SEE D/A152.
3. PROVIDE SEISMIC BRACING AT ALL CEILING SUSPENSION SYSTEMS.
4. AT CORRIDORS, ACOUSTICAL CEILING TILE IS TO BE 6 TILES ACROSS WITH A BORDER OF GYPSUM BOARD AS SHOWN ON DRAWINGS.
5. FOR SUSPENSION CEILING SYSTEM DETAILS, SEE A/A151 & B/A151.
6. COORDINATE GRILLE LOCATION WITH MECHANICAL DRAWINGS.
7. ALL CEILING HEIGHTS REFERENCED FINISH FLOOR 100'-0"

FP-XX ← KEYNOTE INSTRUCTION

| | INSTRUCTIONAL KEYNOTES |
|---|---|
| CG-06 | CEILING SOFFIT W/ GYPSUM BOARD & HARDWOOD TRIM, COORD. W. DETAILS & PAINT AS SELECTED |
| CG-08 | EXT. METAL SOFFIT, COLOR AS SEL. BY ARCHITECT. SEE DETAILS |
| CG-09 | CONTINUOUS VENT STRIP, SEE DETAILS |
| CG-12 | 18" X 24" METAL ACCESS PANEL, FLUSH WITH CEILING, PAINTED TO MATCH. COORDINATE WITH PANEL DOOR MOTOR FOR PLACEMENT |
| CG-17 | STAGE CURTAIN & TRACK, SEE DETAILS & SPECIFICATIONS |
| CG-18 | FOLDING PARTITION & TRACK, SEE DETAILS & SPECIFICATIONS |
| CG-23 | INSULATE THE ROOM CEILING ABOVE FOR SOUND CONTROL (R-19) |
| CG-24 | DROP DOWN PROJECTION SCREEN, SEE DETAILS & SPECIFICATIONS |
| CG-27 | INSULATE ABOVE CEILING FOR FREEZE PREVENTION (R-19) |
| CG-28 | INSULATE AND TOTALLY FILL VOID UP TO ROOF FOR FREEZE AND FIRE PROTECTION |
| CG-29 | WALL/CEILING MOUNT TV - COORDINATE WITH PROJECT MANAGER FOR PREFERRED MOUNTING METHOD. COORDINATE POWER ACCORDINGLY. |

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27-OCT-2026

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Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

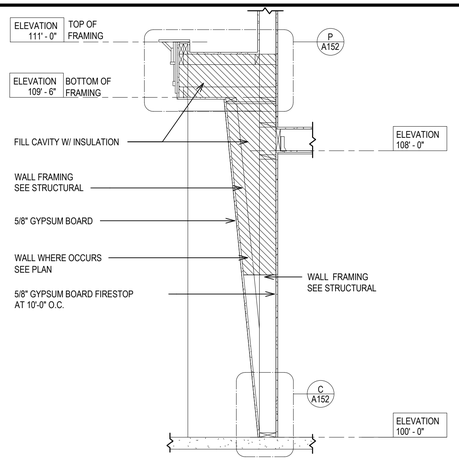
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PCA-2610

Plan Series:
G-300-MH-11

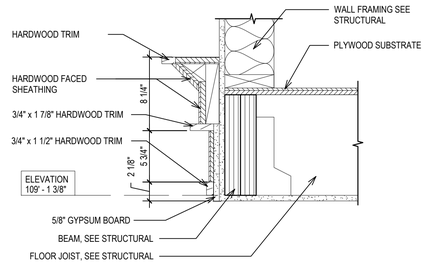
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REFLECTED CEILING PLAN

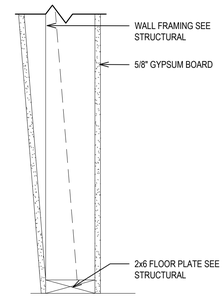
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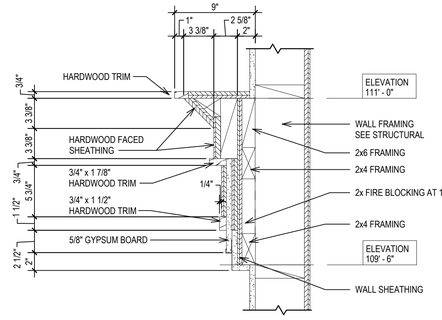

## SLANT WALL SECTION — A — A152
1/2" = 1'-0"



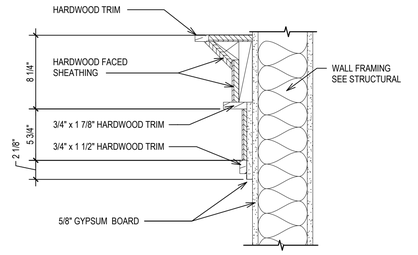

## TRIM DEETAIL - EQUIPMENT PLATFORM — B — A152
1 1/2" = 1'-0"



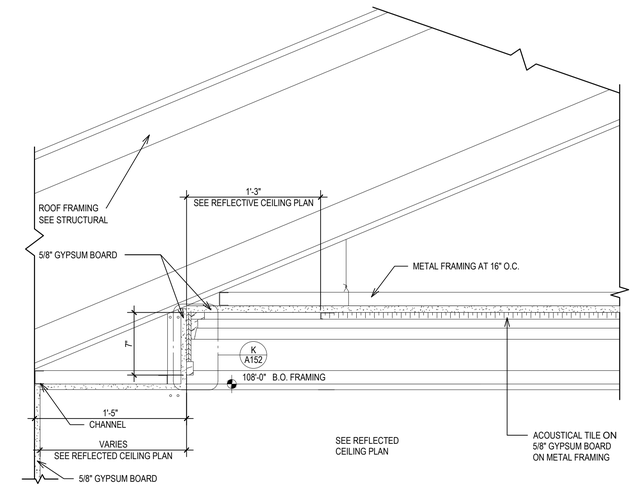

## SLANT WALL FRAMING DETAIL — C — A152
1 1/2" = 1'-0"



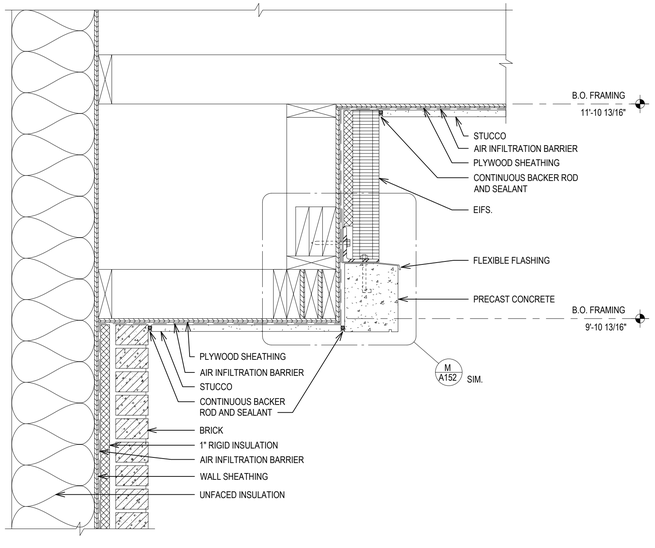

## TRIM DETAIL - CULTURAL HALL — D — A152
1 1/2" = 1'-0"



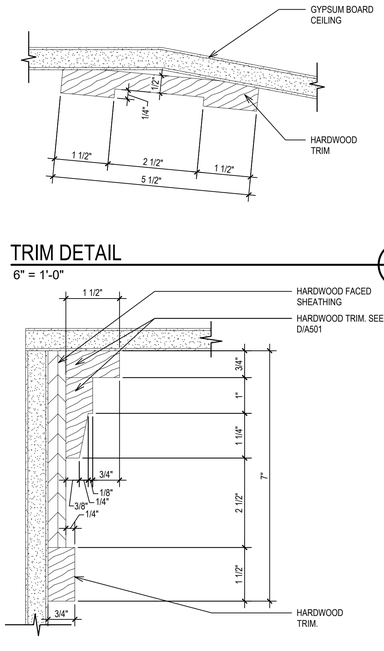

## TRIM DETAIL - FOYER — E — A152
1 1/2" = 1'-0"



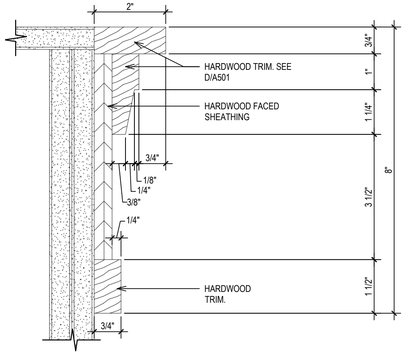

## ROOF FRAMING DETAIL — F — A152
1 1/2" = 1'-0"




## SOFFIT DETAIL AT ENTRY — G — A152
1 1/2" = 1'-0"



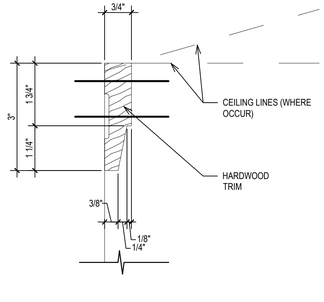

## TRIM DETAIL — H — A152
6" = 1'-0"



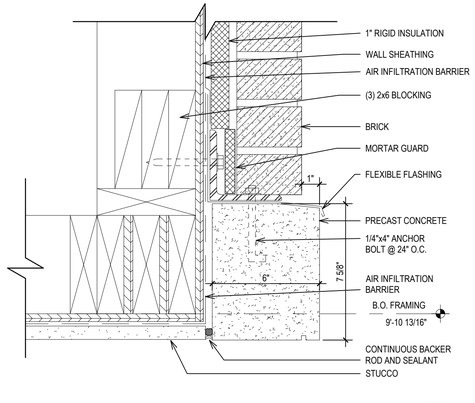

## LIGHT COVE TRIM DETAIL — J — A152
6" = 1'-0"



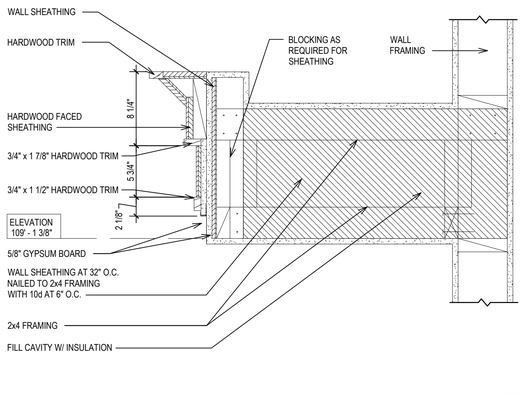

## TRIM DETAIL — H — A152
6" = 1'-0"



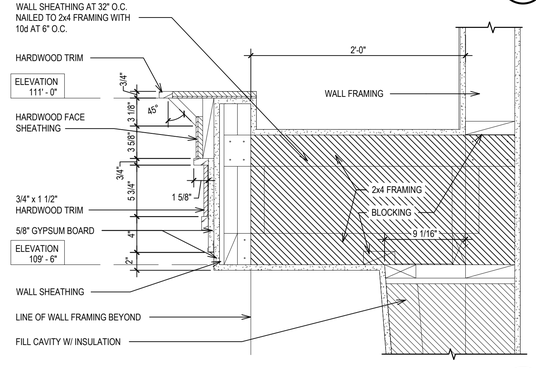

## CEILING TRIM DETAIL — K — A152
6" = 1'-0"



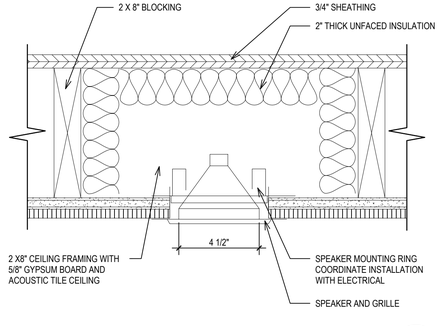

## ENLARGED SOFFIT DETAIL AT ENTRY — M — A152
3" = 1'-0"




## LIGHT COVE - FOYER — N — A152
1 1/2" = 1'-0"




## COVE DETAIL — P — A152
1 1/2" = 1'-0"




## CROWN MOULDING — L — A152
6" = 1'-0"

## 4" SPEAKER ENCLOSURE DETAIL — Q — A152
3" = 1'-0"


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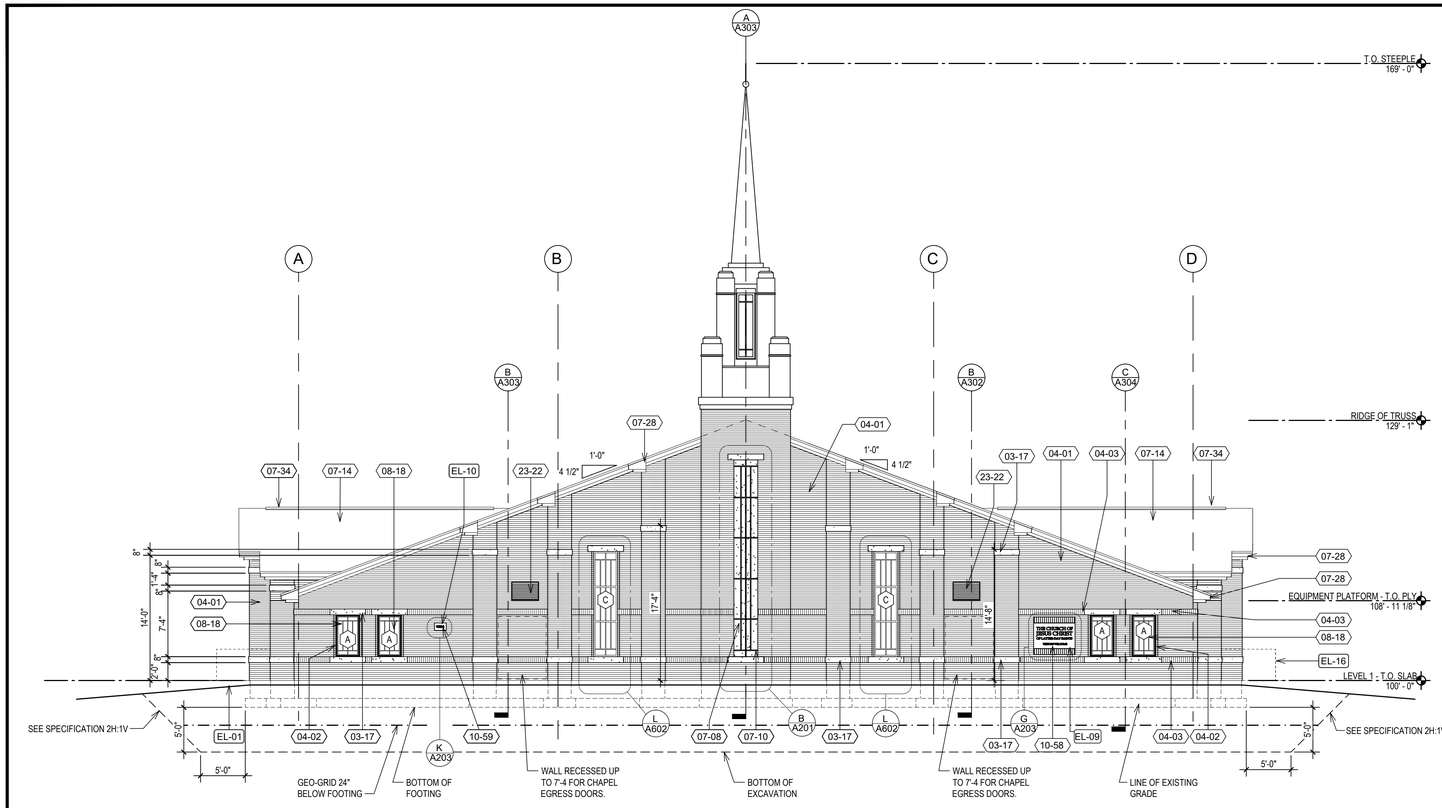
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date | Description |
|---|---|---|
| | | |

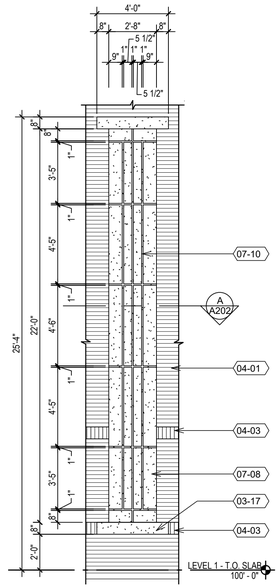
Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: LIGHT COVE AND CEILING TRIM DETAILS

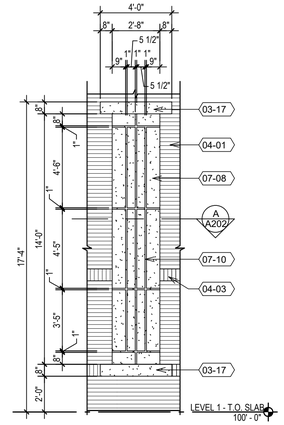
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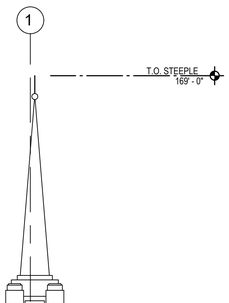

FRONT ELEVATION
1/8" = 1'-0"
A A201

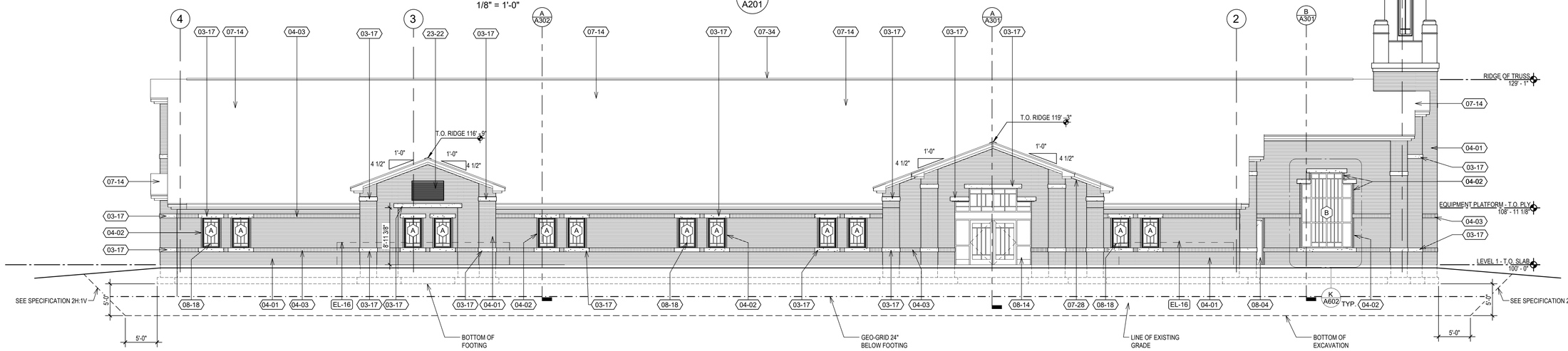



EIFS DETAIL TYPE 1
1/4" = 1'-0"
B A201




EIFS DETAIL TYPE 2
1/4" = 1'-0"
C A201




LEFT ELEVATION
1/8" = 1'-0"
D A201

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 03-17 | ARCHITECTURAL PRE-CAST CONCRETE, SEE DETAILS & SPECIFICATIONS |
| 04-01 | BRICK VENEER MASONRY, RUNNING BOND, SEE DETAILS & SPECIFICATIONS |
| 04-02 | BRICK VENEER MASONRY, STACK BOND, SEE DETAILS & SPECIFICATIONS |
| 04-03 | BRICK VENEER MASONRY, SOLDIER COURSE, SEE DETAILS & SPECIFICATIONS |
| 07-08 | WATER-MANAGED EIFS EXTERIOR WALL FINISH SYSTEM, SEE DETAILS & SPECIFICATIONS |
| 07-10 | WATER-MANAGED EIFS ARCHITECTUAL SCORING JOINT, SEE DETAILS & SPECIFICATIONS |
| 07-14 | COMPOSITE ASPHALT SHINGLES, SEE DETAILS & SPECIFICATIONS |
| 07-28 | METAL SOFFIT PANELS & TRIM, SEE DETAILS & SPECIFICATION |
| 07-34 | ROOF RELIEF VENTS, SEE DETAILS & SPECIFICATION |
| 08-14 | EXTERIOR & INTERIOR ALUMINIUM STOREFRONT ENTRANCES, SEE SCHEDULE & SPECIFICATION |
| 08-18 | VINYL FRAMED FIXED WINDOWS, SEE SCHEDULE, DETAILS & SPECIFICATIONS |
| 10-58 | ENGRAVED STONE LDS PANEL SIGN, SEE DETAILS & SPECIFICATION |
| 10-59 | ENGRAVED ADDRESS STONE SIGN, SEE DETAILS & SPECIFICATION |
| 23-22 | HVAC ALUMINIUM LOUVER, SEE MECHANICAL SPECS |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| EL-01 | VERIFY THAT ALL GRADE SLOPES AWAY FROM BUILDING. SLOPE SHALL BE 6" SLOPE IN FIRST 10'-0" |
| EL-09 | STONE MEETINGHOUSE SIGN MOUNTED ON LEFT OR RIGHT AS SELECTED BY ARCHITECT. SEE DETAILS |
| EL-10 | BUILDING ADDRESS SIGN. MOUNT AT LOCAITON AS SELECTED BY ARCHITECT AND VISIBLE FROM THE STREET. SEE DETAILS |
| EL-16 | MECHANICAL ENCLOSURE WALL (SHOWN DASHED FOR CLARITY). SEE CIVIL & MECHANICAL DRAWINGS |

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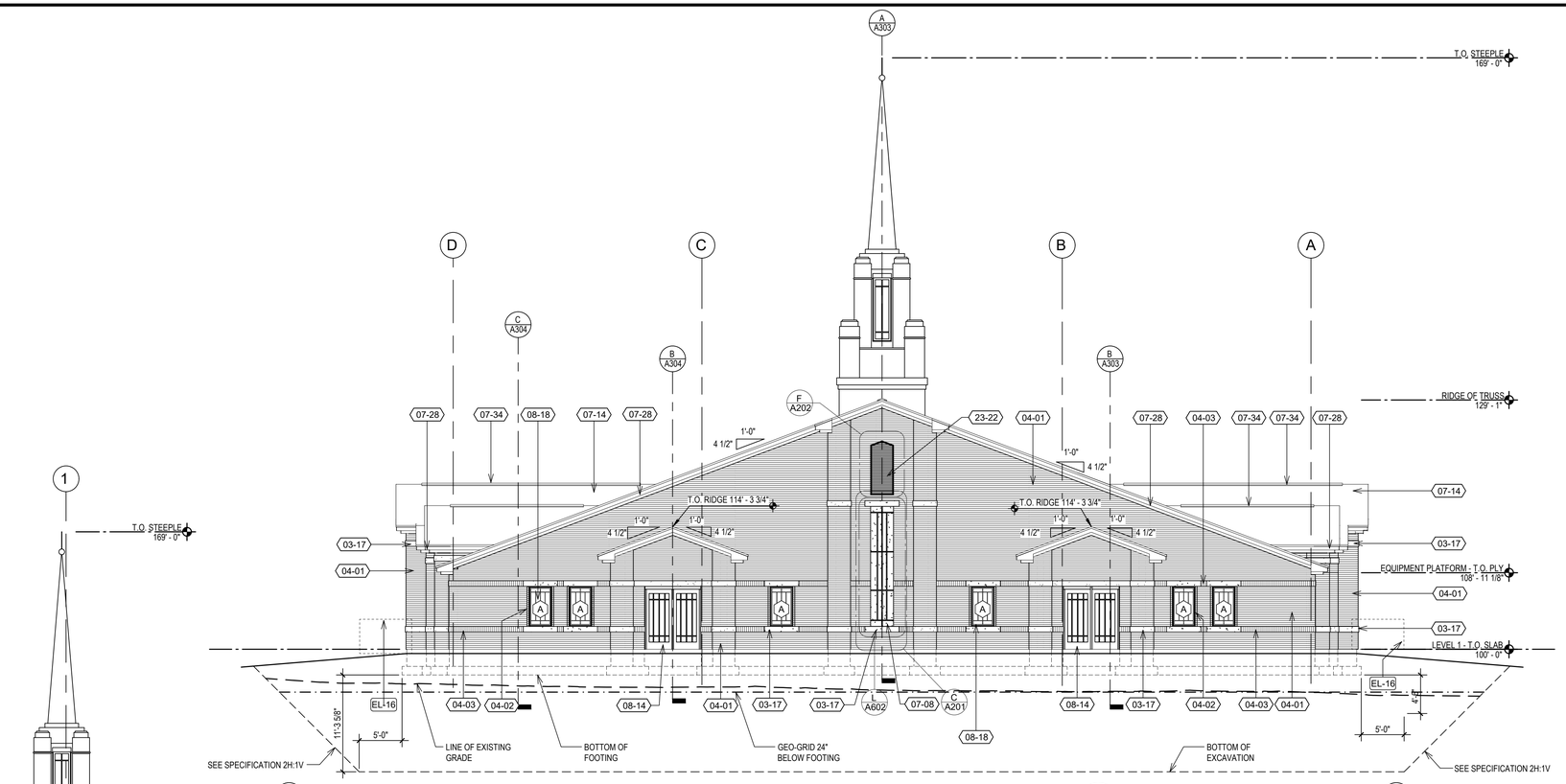
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
BUILDING ELEVATIONS

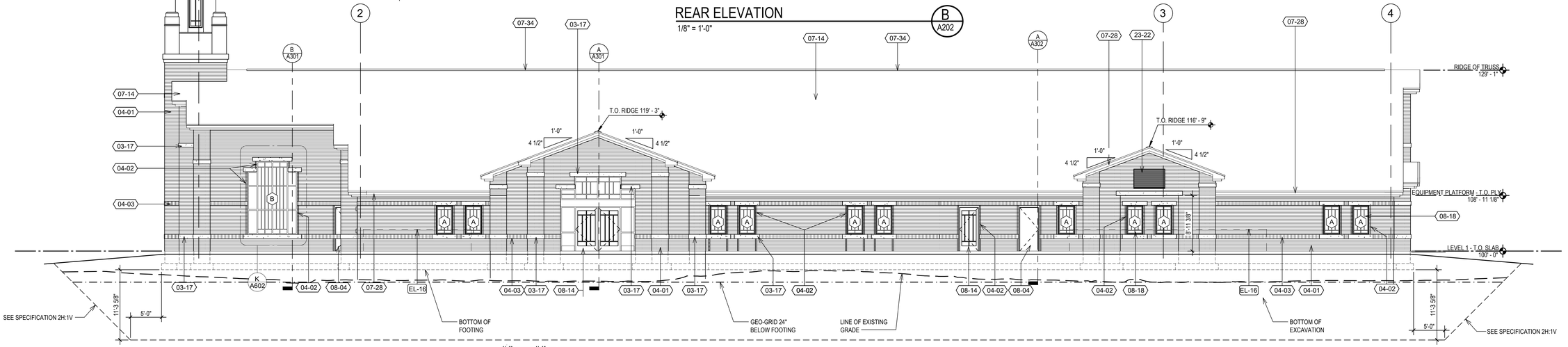
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A201




## REAR ELEVATION

1/8" = 1'-0"

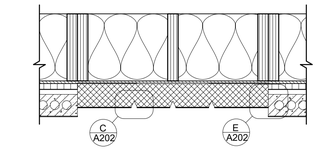
B A202




## RIGHT ELEVATION

1/8" = 1'-0"

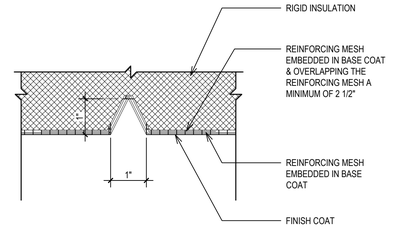
D A202




## EIFS - SECTION

1" = 1'-0"

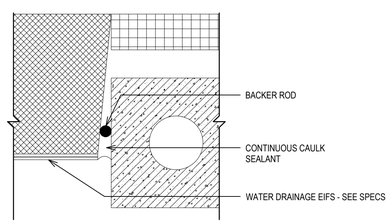
A A202




## EIFS - ENLARGED REVEAL DETAIL

6" = 1'-0"

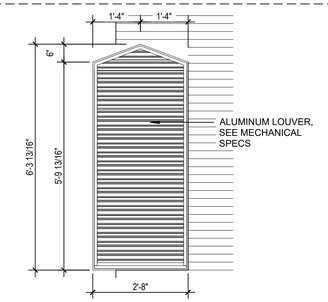
C A202




## EIFS - ENLARGED EDGE DETAIL

6" = 1'-0"

E A202




## ALUMINIUM LOUVER DETAIL

1/2" = 1'-0"

F A202

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 03-17 | ARCHITECTURAL PRE-CAST CONCRETE, SEE DETAILS & SPECIFICATIONS |
| 04-01 | BRICK VENEER MASONRY, RUNNING BOND, SEE DETAILS & SPECIFICATIONS |
| 04-02 | BRICK VENEER MASONRY, STACK BOND, SEE DETAILS & SPECIFICATIONS |
| 04-03 | BRICK VENEER MASONRY, SOLDIER COURSE, SEE DETAILS & SPECIFICATIONS |
| 07-08 | WATER-MANAGED EIFS EXTERIOR WALL FINISH SYSTEM, SEE DETAILS & SPECIFICATIONS |
| 07-14 | COMPOSITE ASPHALT SHINGLES, SEE DETAILS & SPECIFICATIONS |
| 07-28 | METAL SOFFIT PANELS & TRIM, SEE DETAILS & SPECIFICATION |
| 07-34 | ROOF RELIEF VENTS, SEE DETAILS & SPECIFICATION |
| 08-04 | EXTERIOR HOLLOW METAL INSULATED DOOR FRAME, SEE SCHEDULE & SPECIFICATION |
| 08-14 | EXTERIOR & INTERIOR ALUMINIUM STOREFRONT ENTRANCES, SEE SCHEDULE & SPECIFICATION |
| 08-18 | VINYL FRAMED FIXED WINDOWS, SEE SCHEDULE, DETAILS & SPECIFICATIONS |
| 23-22 | HVAC ALUMINIUM LOUVER, SEE MECHANICAL SPECS |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| EL-16 | MECHANICAL ENCLOSURE WALL (SHOWN DASHED FOR CLARITY). SEE CIVIL & MECHANICAL DRAWINGS |

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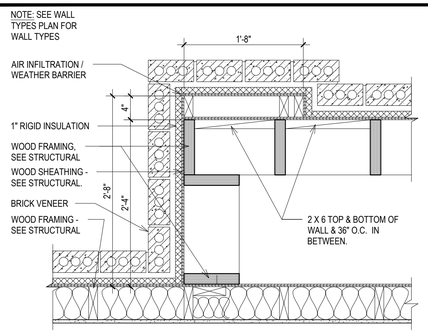
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| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

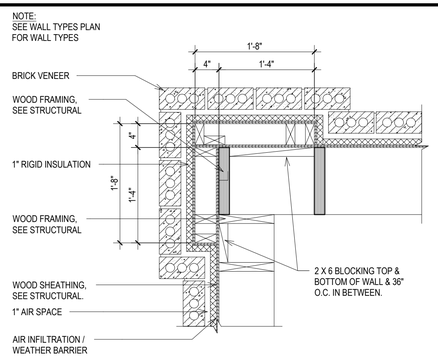
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Plan Series:
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Property Number:
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Sheet Title:
BUILDING ELEVATIONS

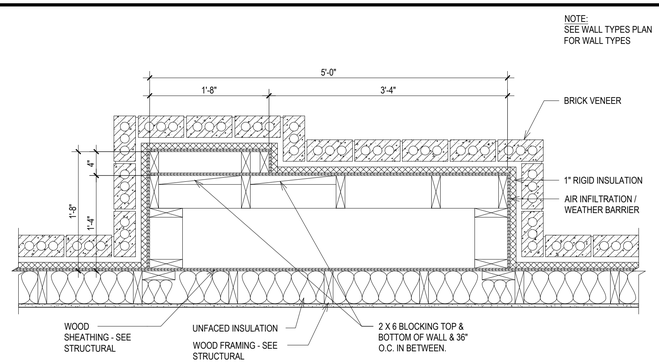
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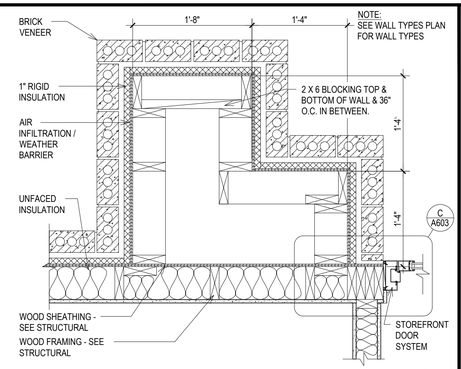

PILASTER DETAIL — A / A203
1" = 1'-0"



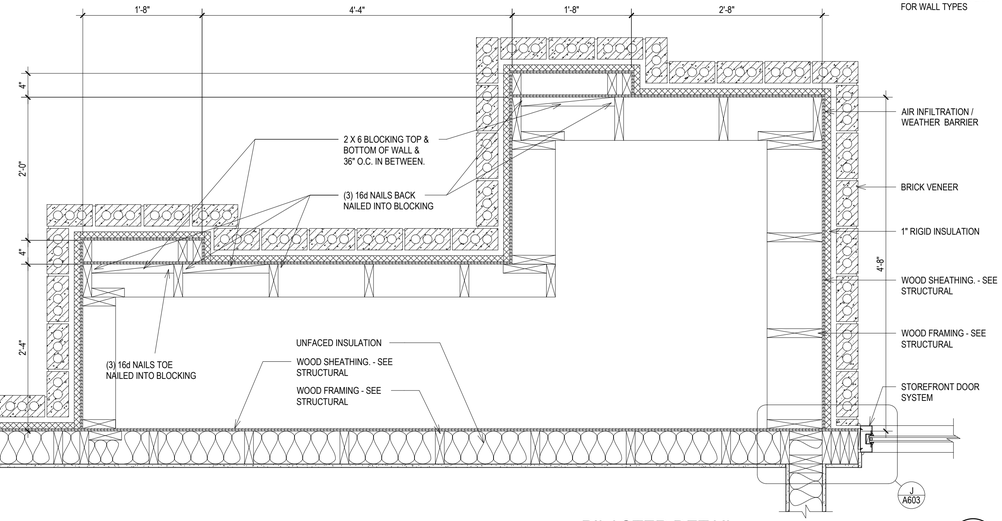

PILASTER DETAIL — B / A203
1" = 1'-0"



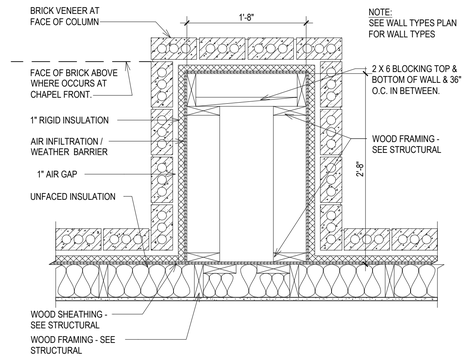

PILASTER DETAIL — C / A203
1" = 1'-0"




PILASTER DETAIL — D / A203
1" = 1'-0"




PILASTER DETAIL — E / A203
1" = 1'-0"

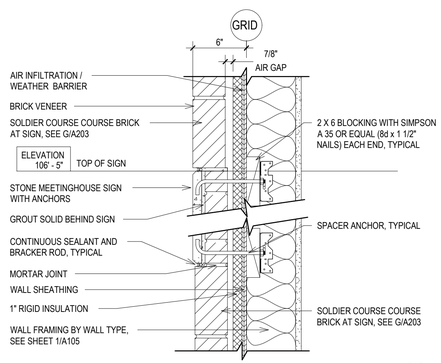



PILASTER DETAIL — F / A203
1" = 1'-0"

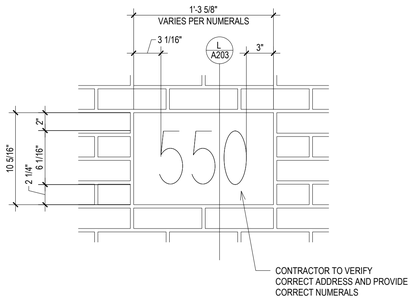



MEETING HOUSE STONE SIGN — G / A203
3/4" = 1'-0"

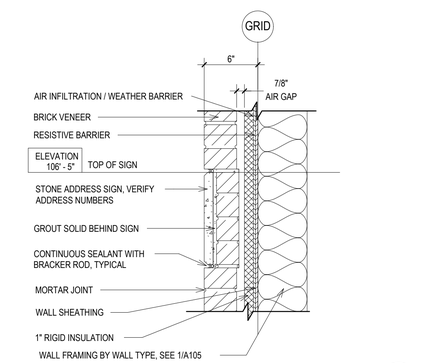
NOT USED — H / A203
1" = 1'-0"




STONE SIGN DETAIL — J / A203
1 1/2" = 1'-0"




MEETINGHOUSE ADDRESS SIGN — K / A203
1 1/2" = 1'-0"




ADDRESS SIGN DETAIL — L / A203
1 1/2" = 1'-0"

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

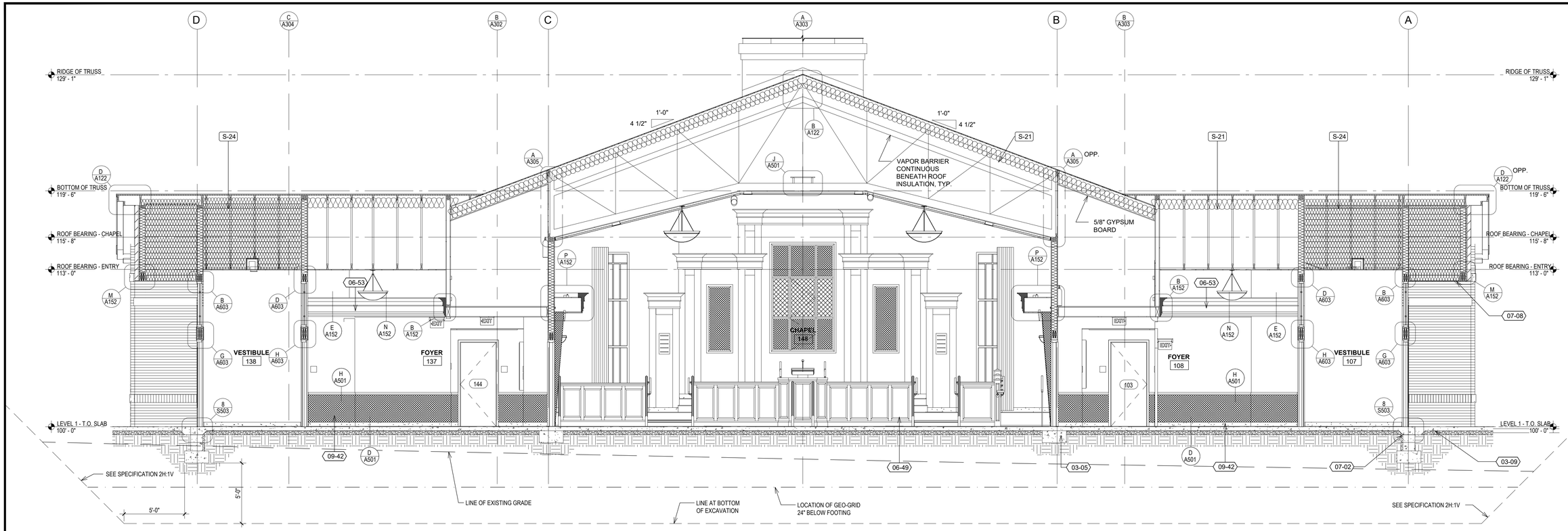
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
EXTERIOR PLAN DETAILS

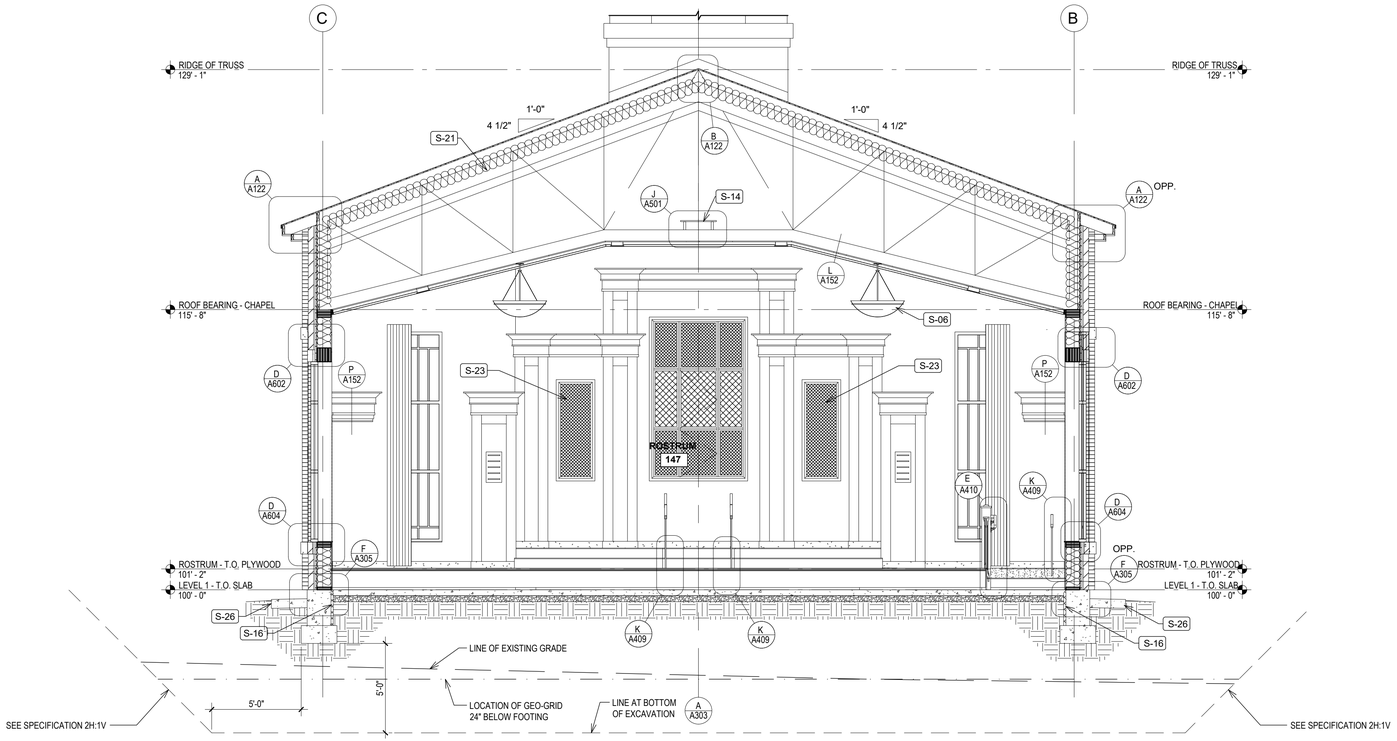
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A203




## BUILDING SECTION

1/4" = 1'-0"

A301




## BUILDING SECTION

1/4" = 1'-0"

B A301

NOTE:
1. SUPPORT UNFACED INSULATION WITH WIRE OR OTHER SUITBALE MATERIAL AS SPECIFIED AT 32" O.C.

2. INSULATION TO BE MAXIMUM 12" THICK.

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 03-05 | CAST IN PLACE FOOTINGS, SEE STRUCTURAL DRAWINGS & SPECIFICATIONS |
| 03-09 | CAST IN PLACE EXTERIOR CONCRETE SLABS, SEE STRUCTURAL DRAWINGS & SPECIFICATIONS |
| 06-49 | ROSTRUM CASEWORK, SEE DETAILS & SPECIFICATION |
| 06-53 | HARDWOOD TRIM, SEE DETAILS & SPECIFICATION |
| 07-02 | PERIMETER RIGID BOARD INSULATION UNDER SLABS-ON-GRADE, SEE SCHEDULE, DETAILS, & SPECIFICATION |
| 07-08 | WATER-MANAGED EIFS EXTERIOR WALL FINISH SYSTEM, SEE DETAILS & SPECIFICATIONS |
| 09-42 | SISAL WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| S-06 | ELECTRICAL EQUIPMENT/FIXTURES, SEE ELECTRICAL DRAWINGS |
| S-14 | CATWALK, SEE DETAILS |
| S-16 | 2" RIGID INSULATION AT INTERIOR FACE OF CONCRETE FROM TOP OF SLAB TO TOP OF FOOTING |
| S-21 | VAPOR RETARDER/ AIR BARRIER MEMBRANE, STAPLE TO SIDES OF TRUSS. SEAL AIRTIGHT, SEE E/A303 |
| S-23 | WALL COVERING B |
| S-24 | FILL ATTIC SPACE WITH UNFACED INSULATION AS SHOWN, COORDINATE WITH MECHANICAL |
| S-26 | CONCRETE BUILDING APRON SEE DETAIL F/SD201 |

Release Date:
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Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

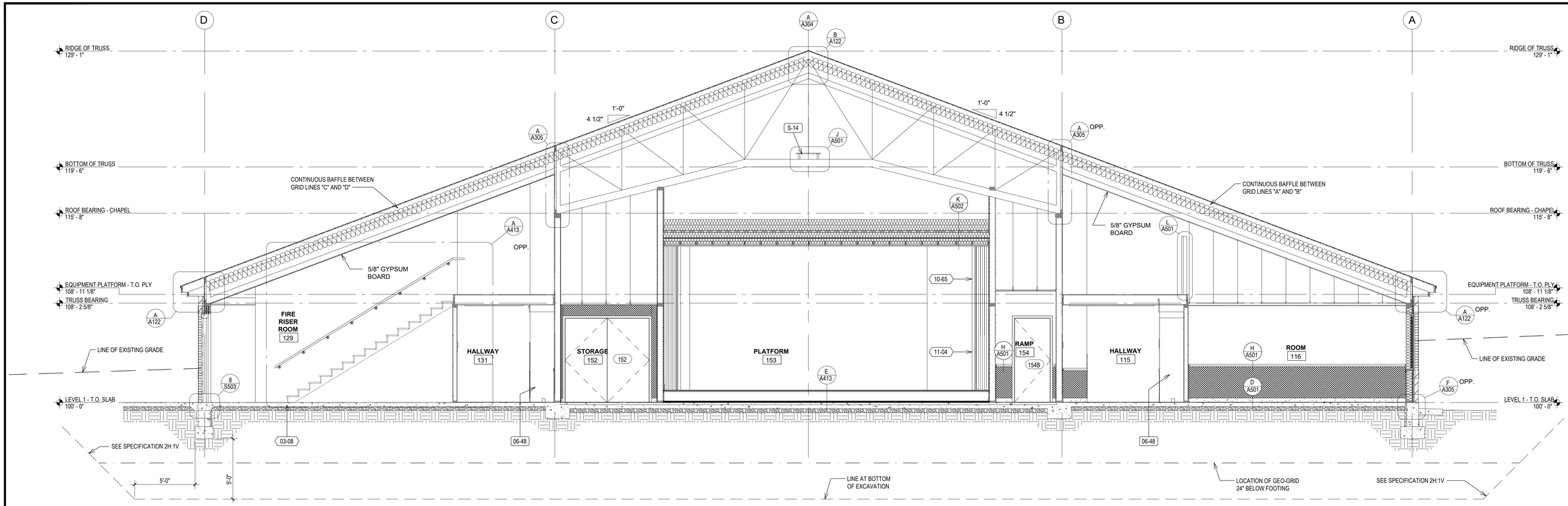
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
BUILDING SECTIONS

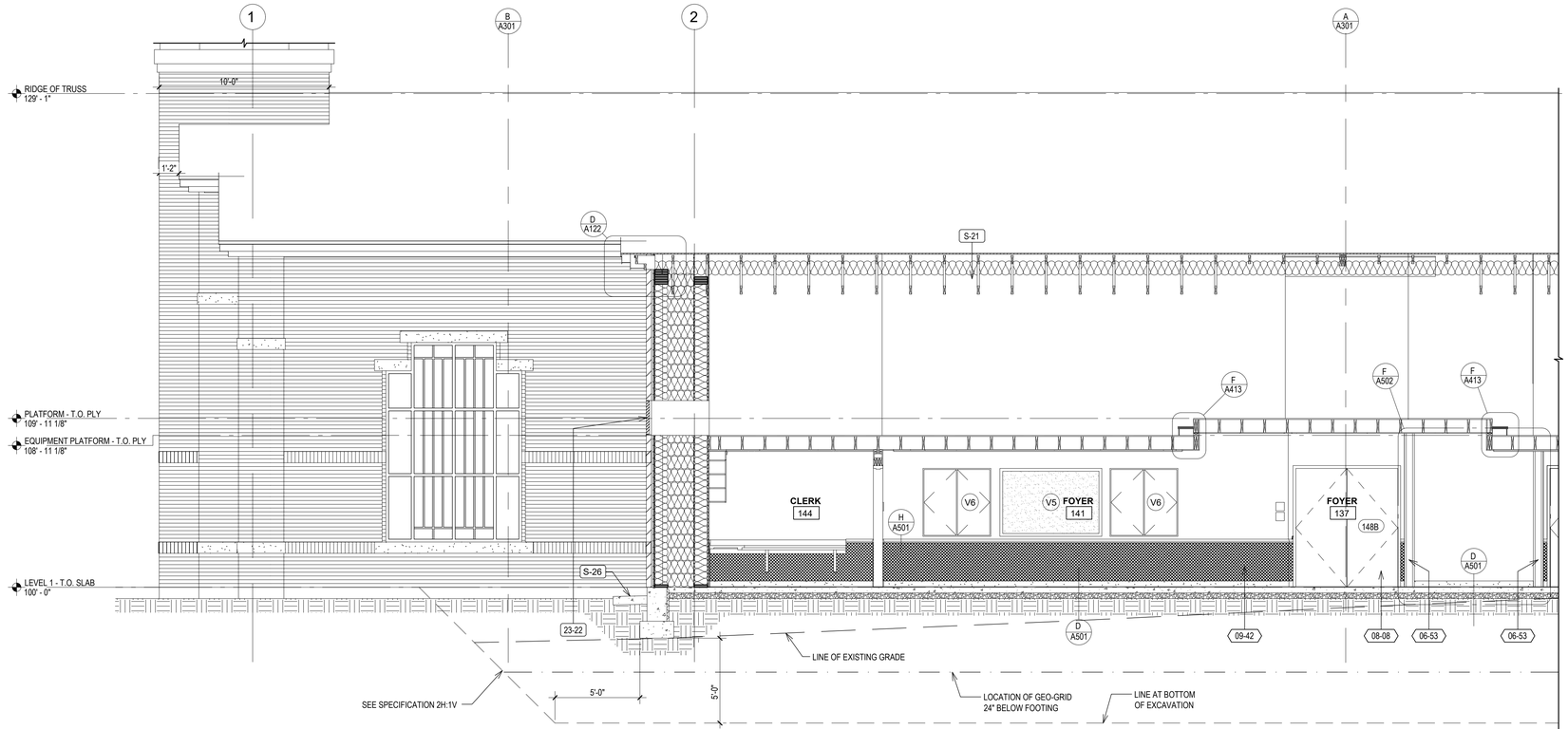
Sheet:
A301




## BUILDING SECTION

1/4" = 1'-0"

A302




## BUILDING SECTION

1/4" = 1'-0"

B
A302

NOTE:
1. SUPPORT UNFACED INSULATION WITH WIRE OR OTHER SUITABLE MATERIAL AS SPECIFIED AT 32" O.C.

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 03-08 | CAST IN PLACE INTERIOR CONCRETE SLABS, SEE STRUCTURAL DRAWINGS & SPECIFICATIONS |
| 06-48 | WOOD VENEER FACED ARCHITECTURAL CABINETS, SEE DETAILS & SPECIFICATION |
| 06-53 | HARDWOOD TRIM, SEE DETAILS & SPECIFICATION |
| 08-08 | INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION |
| 09-42 | SISAL WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 10-65 | FOLDING ACCORDION DOOR, SEE DETAILS & SPECIFICATION |
| 11-04 | MANUALLY OPERATED STAGE CURTAIN, SEE DETAILS & SPECIFICATION |
| 11-06B | ELECTRICALLY OPERATED FOLDING BASKETBALL STANDARD, OPTION '2', SEE DETAILS & SPECIFICATIONS |
| 23-22 | HVAC ALUMINIUM LOUVER, SEE MECHANICAL SPECS |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| S-14 | CATWALK, SEE DETAILS |
| S-21 | VAPOR RETARDER/ AIR BARRIER MEMBRANE, STAPLE TO SIDES OF TRUSS. SEAL AIRTIGHT, SEE E/A303 |
| S-26 | CONCRETE BUILDING APRON SEE DETAIL F/SD201 |

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Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

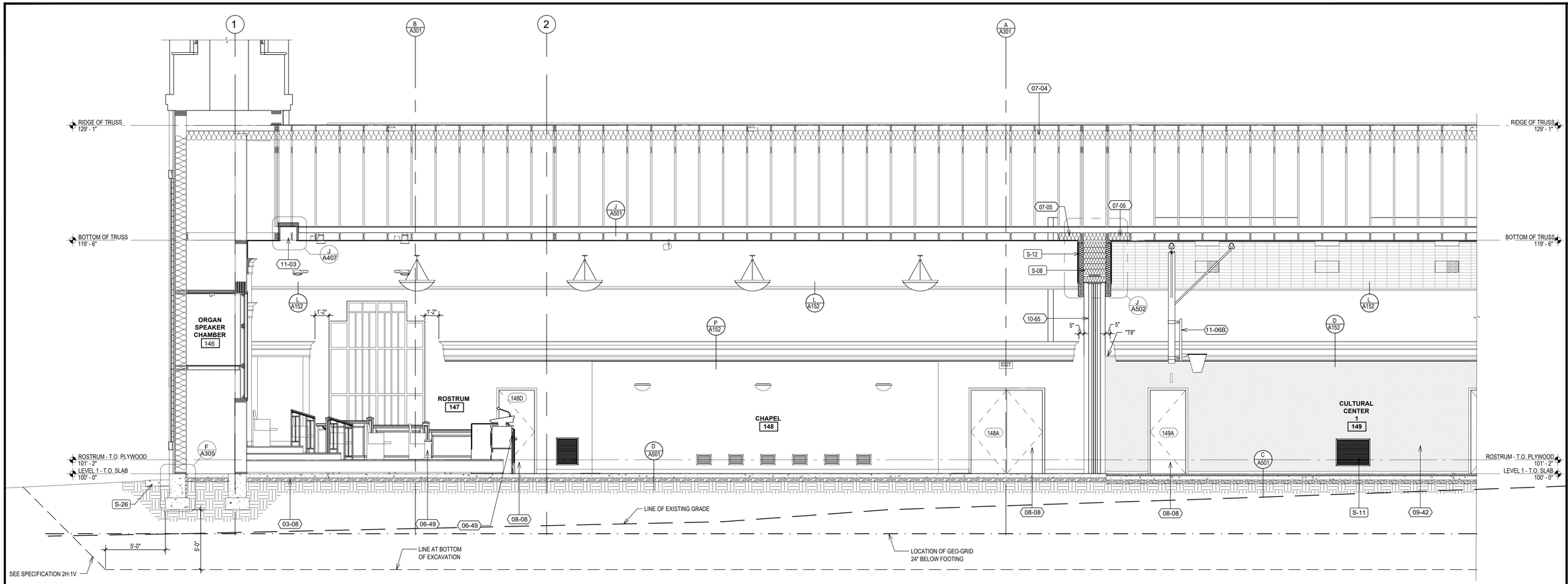
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-MM-Y) | Description |
|---|---|---|
| | | |

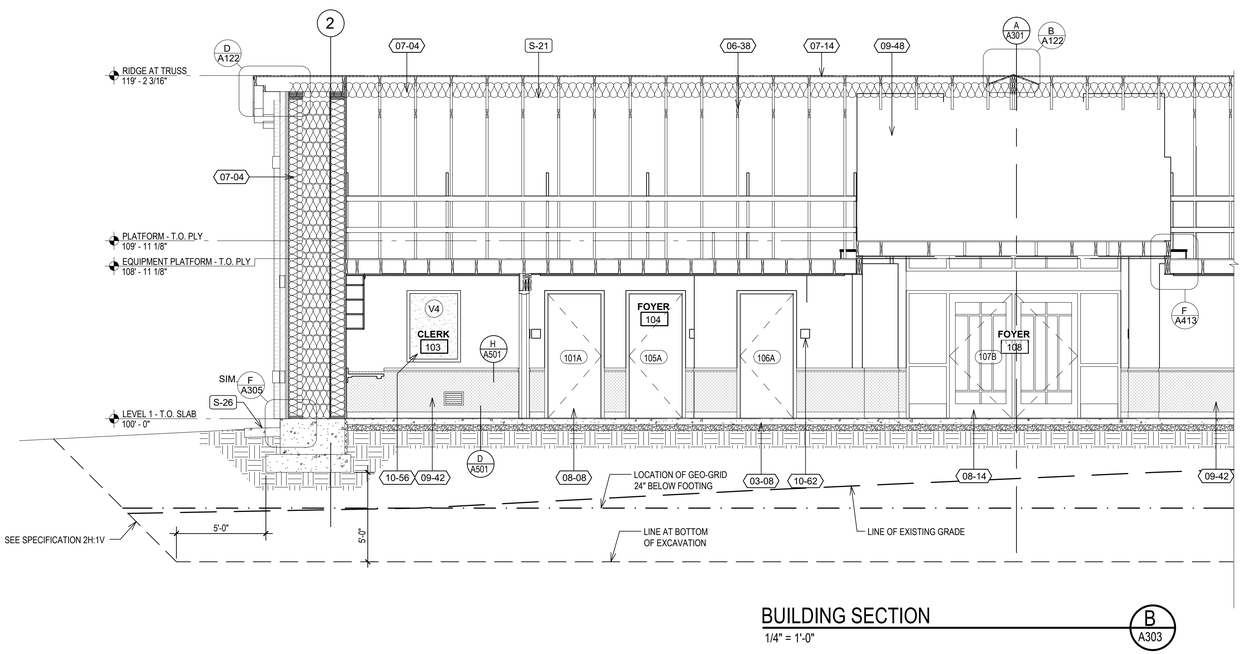
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
BUILDING
SECTIONS

Sheet:
A302




BUILDING SECTION
1/4" = 1'-0"
A
A303




BUILDING SECTION
1/4" = 1'-0"
B
A303

NOTE :
SUPPORT UNFACED INSULATION WITH WIRE OR OTHER SUITBALE MATERIAL AS SPECIFIED AT 32" O.C.

2. INSULATION TO BE MAXIMUM 12" THICK.

FP-XX ← KEYNOTE INSTRUCTION

| INSTRUCTIONAL KEYNOTES | |
|---|---|
| S-08 | FILL FOLDING PARTITION HEADER WITH INSULATION. EXTENT ON BOTH SIDES OF HEADER FOR 4'-0" |
| S-11 | MECHANICAL LOUVER, PAINT WALL BEHIND LOUVER BLACK, TYPICAL |
| S-12 | FILL WITH INSULATION, SEE SPECIFICATIONS |
| S-21 | VAPOR RETARDER/ AIR BARRIER MEMBRANE, STAPLE TO SIDES OF TRUSS. SEAL AIRTIGHT, SEE E/A303 |
| S-26 | CONCRETE BUILDING APRON SEE DETAIL F/SD201 |

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

| MATERIAL / SPECIFICATION KEYNOTES | |
|---|---|
| 03-08 | CAST IN PLACE INTERIOR CONCRETE SLABS, SEE STRUCTURAL DRAWINGS & SPECIFICATIONS |
| 06-38 | PRE-ENGINEERED ROOF TRUSSES, SEE STRUCTURAL DRAWINGS |
| 06-49 | ROSTRUM CASEWORK, SEE DETAILS & SPECIFICATION |
| 07-04 | BLANKET THERMAL INSULATION, SEE SCHEDULE, DETAILS, & SPECIFICATION |
| 07-05 | BLANKET SOUND INSULATION |
| 07-14 | COMPOSITE ASPHALT SHINGLES, SEE DETAILS & SPECIFICATIONS |
| 08-08 | INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION |
| 08-14 | EXTERIOR & INTERIOR ALUMINIUM STOREFRONT ENTRANCES, SEE SCHEDULE & SPECIFICATION |
| 10-65 | FOLDING ACCORDION DOOR, SEE DETAILS & SPECIFICATION |
| 09-42 | SISAL WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 09-48 | INTERIOR PAINTED GYPSUM BOARD, SEE PAINT SCHEDULE/ SPECIFICATION |
| 10-56 | FIXED TACKBOARDS, SEE SPECIFICATION |
| 10-62 | ROOM SIGNAGE, SEE DETAILS & SPECIFICATION |
| 11-03 | ELECTRICALLY OPERATED PROJECTION SCREEN, SEE DETAILS & SPECIFICATION |
| 11-06B | ELECTRICALLY OPERATED FOLDING BASKETBALL STANDARD, OPTION '2', SEE DETAILS & SPECIFICATIONS |

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Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

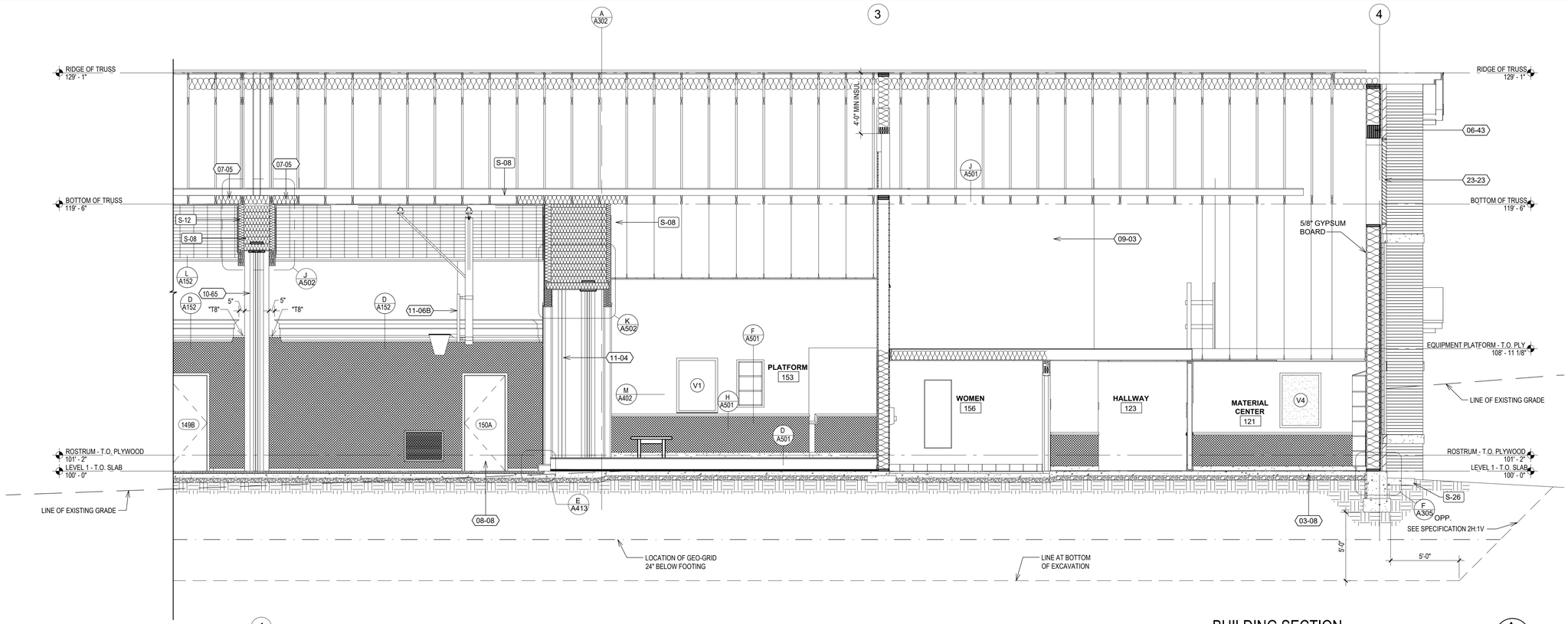
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
BUILDING SECTIONS

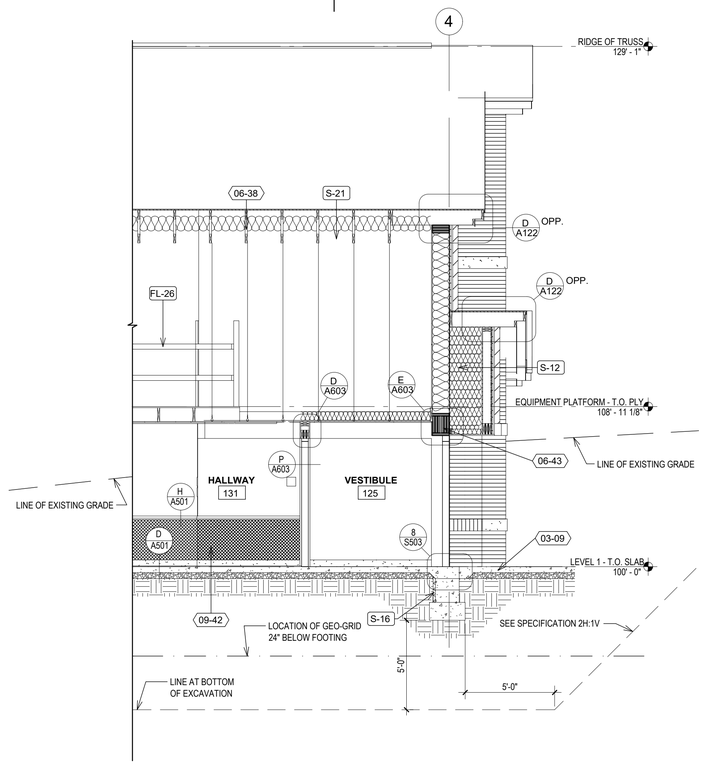
Sheet:
A303




## BUILDING SECTION

1/4" = 1'-0"

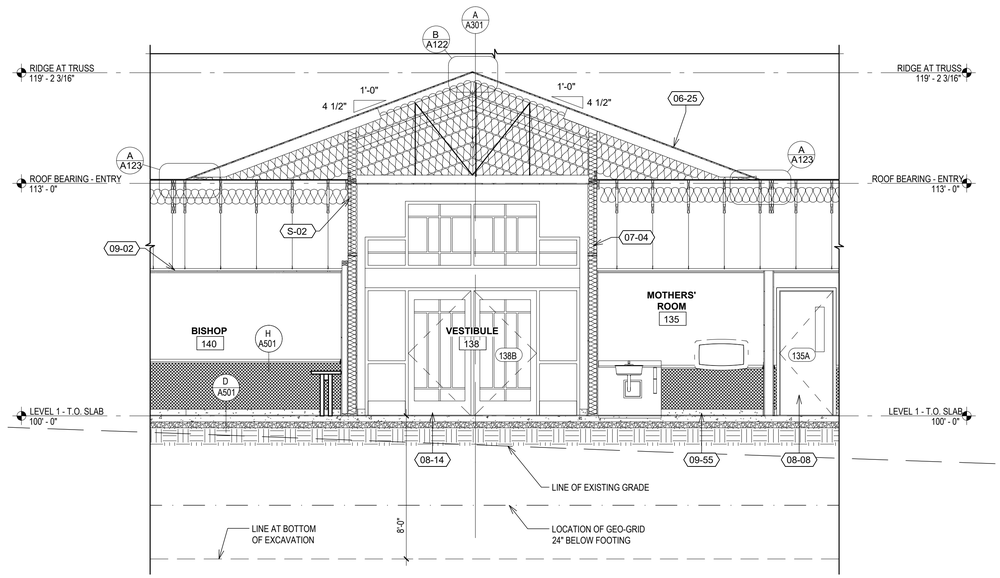
A304




## BUILDING SECTION

1/4" = 1'-0"

B
A304




## BUILDING SECTION

1/4" = 1'-0"

C
A304

NOTE:
1. SUPPORT UNFACED INSULATION WITH WIRE OR OTHER SUITBALE MATERIAL AS SPECIFIED AT 32" O.C.

2. INSULATION TO BE MAXIMUM 12" THICK.

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 03-08 | CAST IN PLACE INTERIOR CONCRETE SLABS, SEE STRUCTURAL DRAWINGS & SPECIFICATIONS |
| 03-09 | CAST IN PLACE EXTERIOR CONCRETE SLABS, SEE STRUCTURAL DRAWINGS & SPECIFICATIONS |
| 06-25 | ROOF SHEATHING, SEE STRUCTURAL DRAWINGS |
| 06-38 | PRE-ENGINEERED ROOF TRUSSES, SEE STRUCTURAL DRAWINGS |
| 06-43 | STRUCTURAL LAMINATED VENEER LUMBER BEAM, SEE STRUCTURAL |
| 07-04 | BLANKET THERMAL INSULATION, SEE SCHEDULE, DETAILS, & SPECIFICATION |
| 08-08 | INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION |
| 08-14 | EXTERIOR & INTERIOR ALUMINIUM STOREFRONT ENTRANCES, SEE SCHEDULE & SPECIFICATION |
| 09-02 | METAL SUSPENSION SYSTEM W/ GYPSUM BOARD, SEE DETAILS AND SPECIFICATION |
| 09-03 | 5/8" GYPSUM BOARD, DETAILS & SPECIFICATION |
| 09-42 | SISAL WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 09-55 | CARPET BASE, SEE FINISH SCHEDULE/ SPECIFICATION |
| 11-04 | MANUALLY OPERATED STAGE CURTAIN, SEE DETAILS & SPECIFICATION |
| 11-06B | ELECTRICALLY OPERATED FOLDING BASKETBALL STANDARD, OPTION '2', SEE DETAILS & SPECIFICATIONS |
| 23-23 | HVAC LOUVER, SEE MECHANICAL DRAWINGS & SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| FL-26 | INSTALL SAFETY GUARDRAIL & HANDRAIL IN LOFT EXCEPT WHERE PROTECTED BY MECH. DUCTWORK. SEE DETAILS |
| S-02 | CONTRACTOR SHALL EXTEND WALL FRAMING, AND INSULATION TO UNDERSIDE OF ROOF DECK. GYPSUM BOARD TO EXTEND TO CEILING ONLY |
| S-08 | FILL FOLDING PARTITION HEADER WITH INSULATION. EXTENT ON BOTH SIDES OF HEADER FOR 4'-0" |
| S-12 | FILL WITH INSULATION, SEE SPECIFICATIONS |
| S-16 | 2" RIGID INSULATION AT INTERIOR FACE OF CONCRETE FROM TOP OF SLAB TO TOP OF FOOTING |
| S-21 | VAPOR RETARDER/ AIR BARRIER MEMBRANE, STAPLE TO SIDES OF TRUSS. SEAL AIRTIGHT, SEE E/A303 |
| S-26 | CONCRETE BUILDING APRON SEE DETAIL F/SD201 |

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
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St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

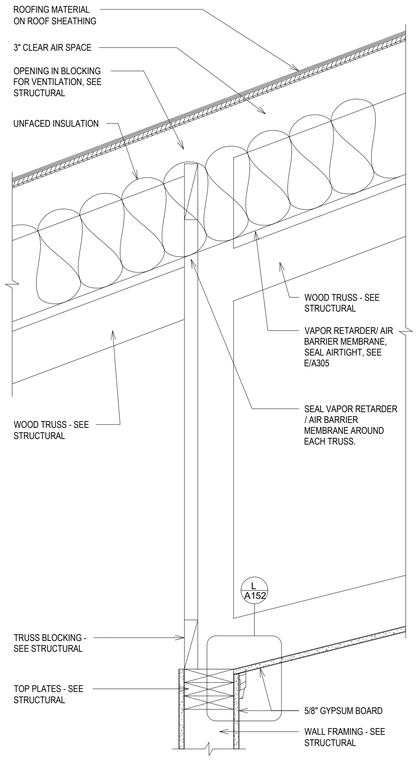
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-MM-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
BUILDING SECTIONS

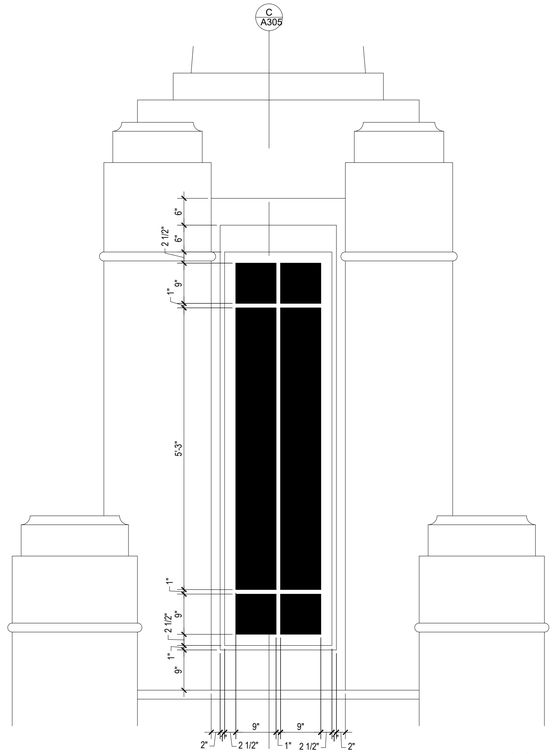
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A304




## ROOF DETAIL

1 1/2" = 1'-0"

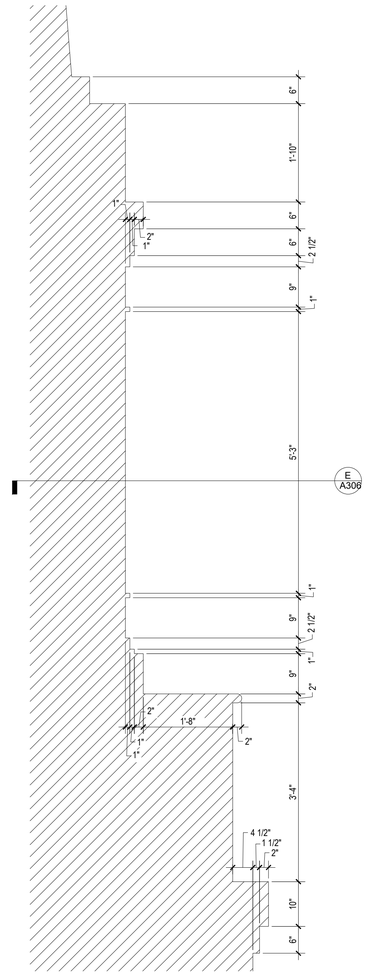
A A305




## WINDOW DETAIL

3/4" = 1'-0"

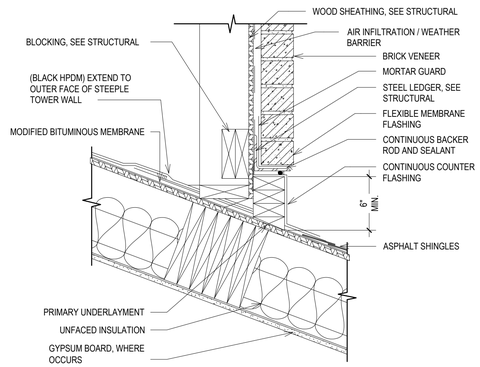
B A305




## ENLARGED STEEPLE WINDOW SECTION

3/4" = 1'-0"

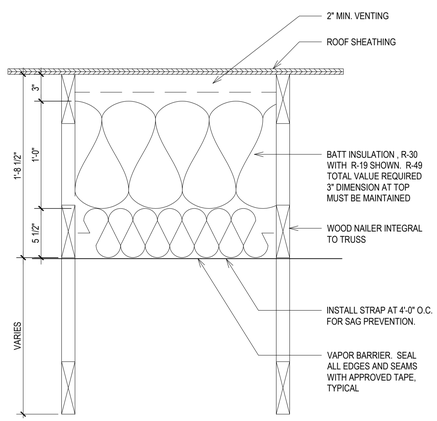
C A305




## ENLARGED STEEPLE DETAIL

1 1/2" = 1'-0"

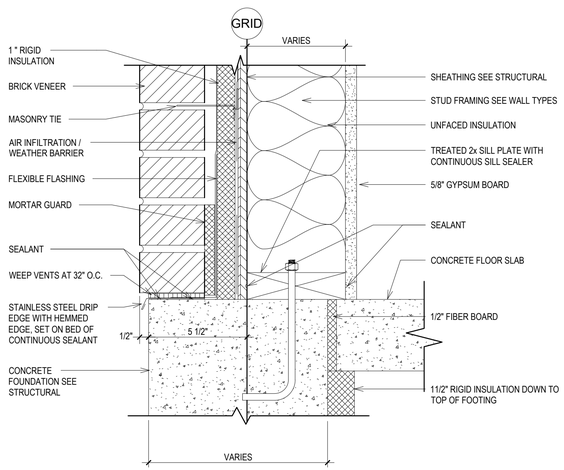
D A305




## INSULATION / VAPOR RETARDER

1 1/2" = 1'-0"

E A305




## EXTERIOR WALL BASE DETAIL (TYP. )

3" = 1'-0"

F A305

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WASHINGTON, UT 84780

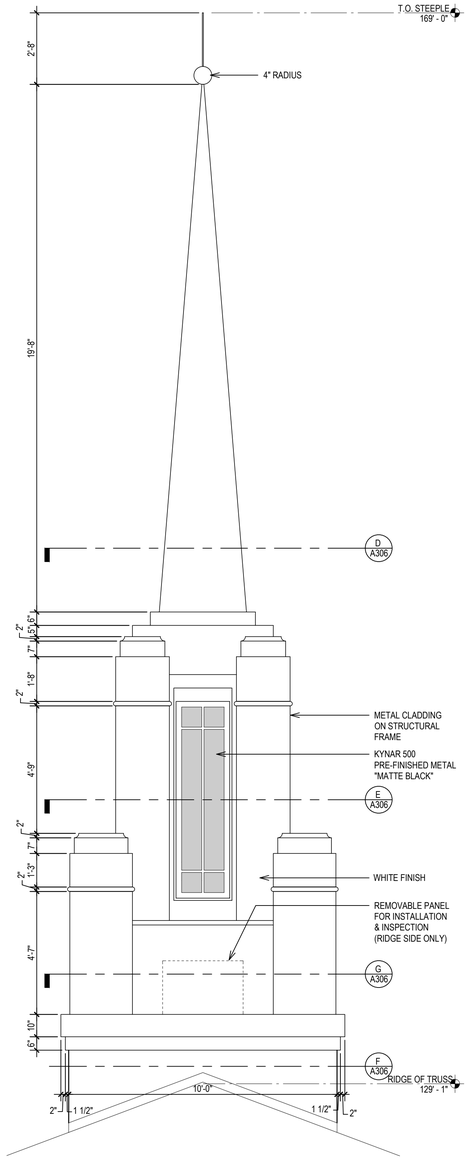
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-MM-Y) | Description |
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Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: DETAILS

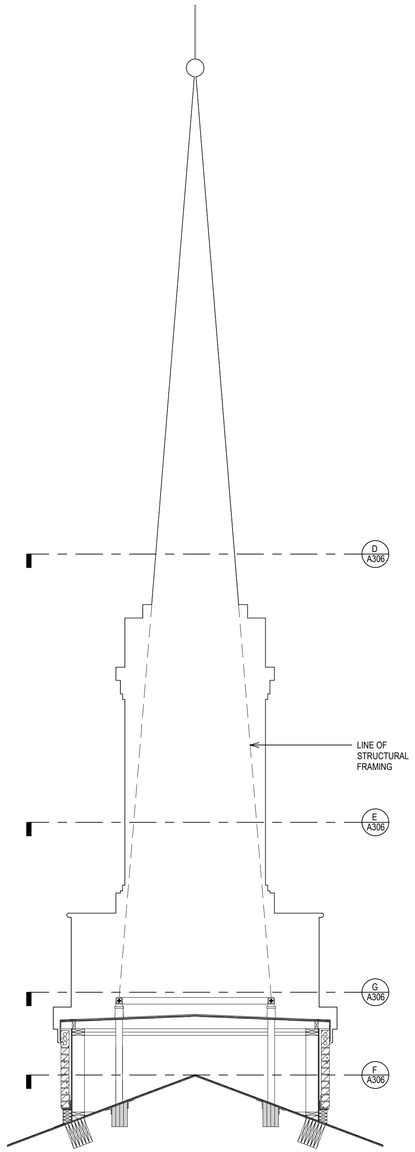
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## STEEPLE ELEVATION

3/8" = 1'-0"

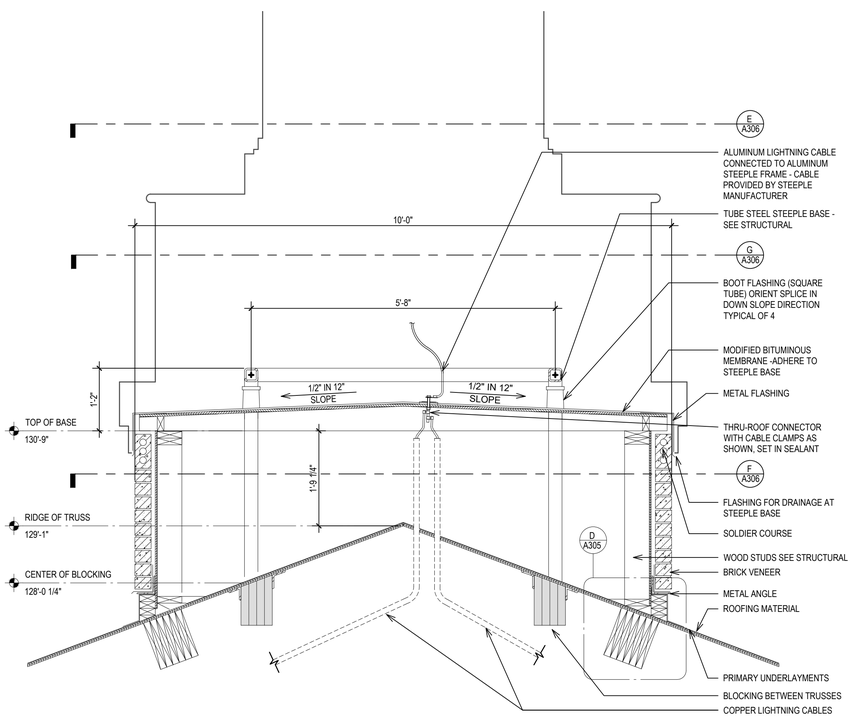
A306




## STEEPLE SECTION

3/8" = 1'-0"

B
A306

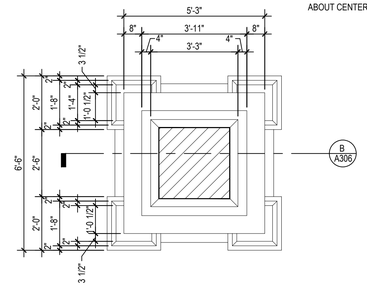



## STEEPLE DETAIL

3/4" = 1'-0"

C
A306

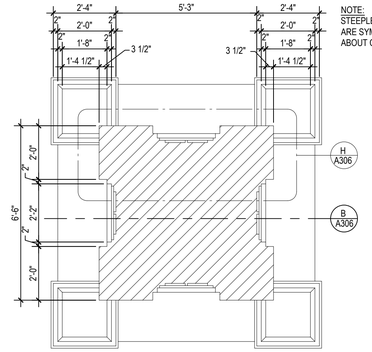
NOTE:
STEEPLE DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINES




## STEEPLE PLAN

3/8" = 1'-0"

D
A306




NOTE:
STEEPLE DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINES

## STEEPLE PLAN

3/8" = 1'-0"

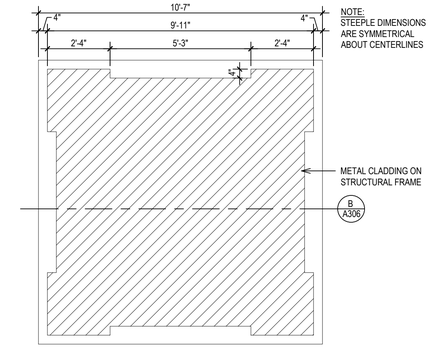
E
A306




## STEEPLE BASE FRAMING

3/4" = 1'-0"

F
A306



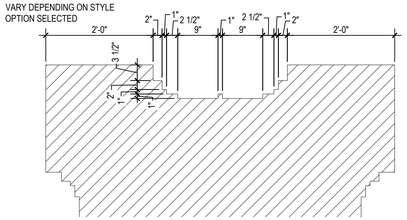

NOTE:
STEEPLE DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINES

## STEEPLE PLAN

3/8" = 1'-0"

G
A306

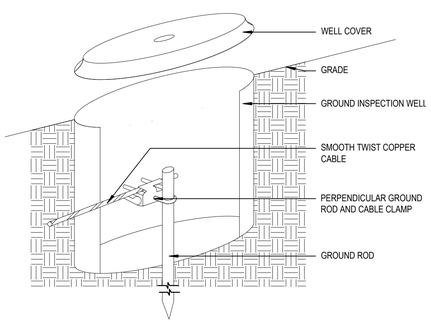
NOTE:
NUMBER AND PLACEMENT OF MUNTINS IN WINDOW ELEMENT MAY VARY DEPENDING ON STYLE OPTION SELECTED




## STEEPLE PLAN

3/4" = 1'-0"

H
A306



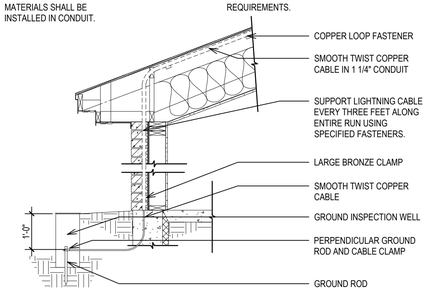

## GROUND INSPECTION WELL

NTS

J
A306

ALL BARE CONDUCTORS IN CONTACT WITH FLAMMABLE MATERIALS SHALL BE INSTALLED IN CONDUIT.

REFER TO THE SPECIFICATIONS FOR ADDITONAL INFORMATION AND REQUIREMENTS.




## CABLE INSTALLATION DETAIL

1/2" = 1'-0"

K
A306

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-8579

Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

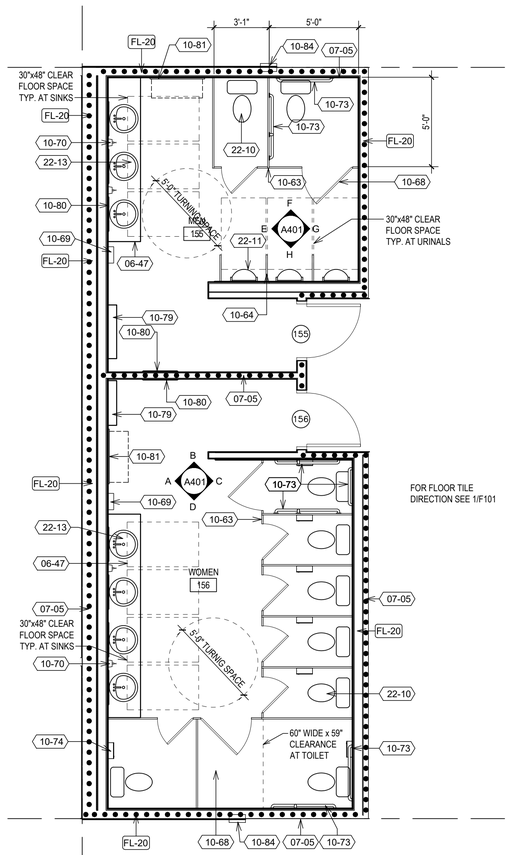
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
STEEPLE PLANS, ELEVATIONS, SECTIONS AND DETAILS

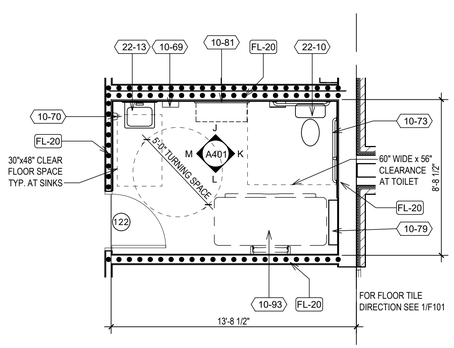
Sheet:
A306




## ENLARGED RESTROOM PLANS

1/4" = 1'-0"

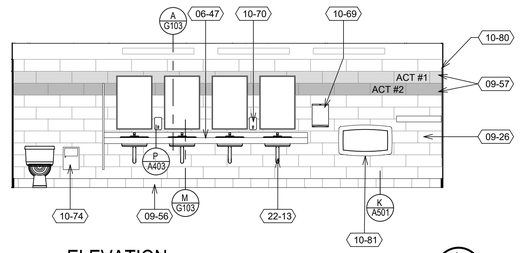
1 A401




## ENLARGED FAMILY RESTROOM PLAN

1/4" = 1'-0"

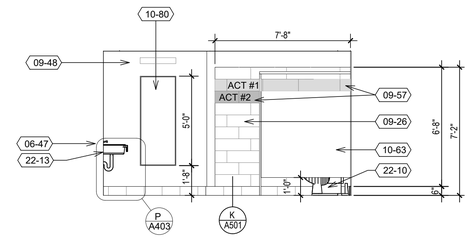
2 A401




## ELEVATION

1/4" = 1'-0"

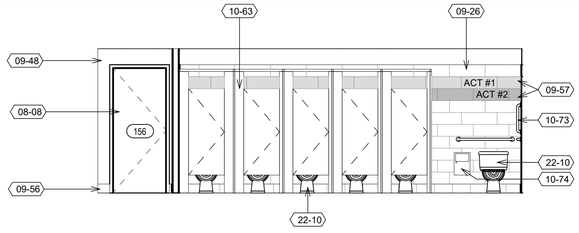
A A401




## ELEVATION

1/4" = 1'-0"

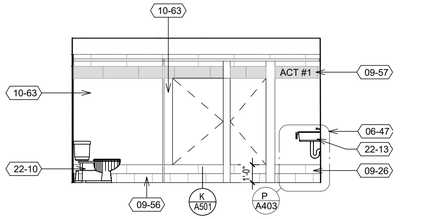
B A401




## ELEVATION

1/4" = 1'-0"

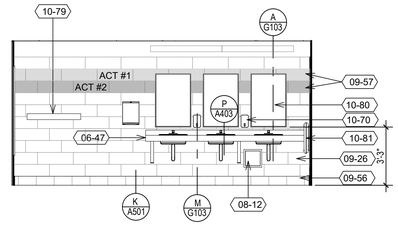
C A401




## ELEVATION

1/4" = 1'-0"

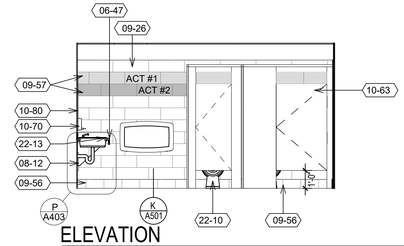
D A401




## ELEVATION

1/4" = 1'-0"

E A401




## ELEVATION

1/4" = 1'-0"

F A401




## ELEVATION

1/4" = 1'-0"

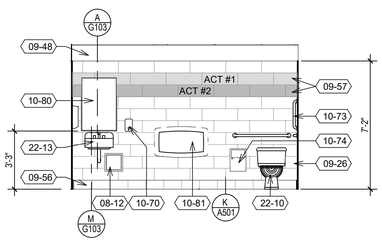
G A401




## ELEVATION

1/4" = 1'-0"

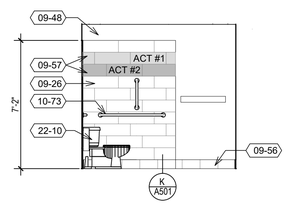
H A401




## ELEVATION

1/4" = 1'-0"

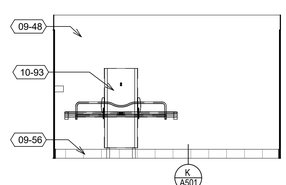
J A401




## ELEVATION

1/4" = 1'-0"

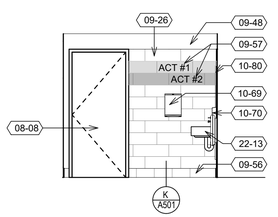
K A401




## ELEVATION

1/4" = 1'-0"

L A401




## ELEVATION

NTS

M A401

## GENERAL NOTES

IN ACCESSIBLE STALLS, PROVIDE A PULL OR GRASP NEAR THE LATCH ON BOTH SIDES OF EACH TOILET COMPARTMENT DOOR.

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 06-47 | PLASTIC LAMINATE, SEE DETAILS & SPECIFICATION |
| 07-05 | BLANKET SOUND INSULATION |
| 08-08 | INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION |
| 08-12 | WALL ACCESS DOORS & FRAMES |
| 09-26 | CERAMIC GLAZED WALL TILE – SEE FINISH SCHEDULE, DETAILS & SPECIFICATION |
| 09-48 | INTERIOR PAINTED GYPSUM BOARD, SEE PAINT SCHEDULE/ SPECIFICATION |
| 09-56 | COVED TILE BASE, SEE DETAILS & SPECIFICATION |
| 09-57 | CERAMIC GLAZED ACCENT WALL TILE - SEE FINISH SCHEDULE, DETAILS & SPECIFICATION |
| 10-63 | METAL TOILET COMPARTMENTS, SEE DETAILS & SPECIFICATION |
| 10-64 | METAL URINAL SCREEN, SEE DETAILS & SPECIFICATION |
| 10-68 | SELF-CLOSING TOILET STALL |
| 10-69 | PAPER TOWEL (ROLL) DISPENSER |
| 10-70 | LIQUID-SOAP DISPENSER |
| 10-73 | GRAB BAR |
| 10-74 | SANITARY-NAPKIN DISPOSAL UNIT |
| 10-79 | UTILITY SHELF |
| 10-80 | MIRROR WITH ALUMINUM FRAME |
| 10-81 | BABY CHANGING STATION, SEE SPECIFICATION |
| 10-84 | FIRE PROTECTION CABINET, SEE SPECIFICATION |
| 10-93 | POTENTIAL FUTURE ADULT CHANGING STATION NOT INSTALLED, PROVIDE STRUCTURAL BLOCKING AND POWER, SEE SPECIFICATION |
| 22-10 | COMMERCIAL WATER CLOSET, SEE PLUMBING DRAWINGS & SPECIFICATION |
| 22-11 | COMMERCIAL URINAL, SEE PLUMBING DRAWINGS & SPECIFICATION |
| 22-13 | COMMERCIAL COUNTERTOP MOUNTED SINK, SEE PLUMBING DRAWINGS & SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| FL-20 | PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DESPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, WALL HUNG CABINETS, AND ALL OTHER EQUIPMENT & ACCESSORY LOCAITONS AS PER STRUCT. BLOCKING SCHEDULE |
| | |

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
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Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

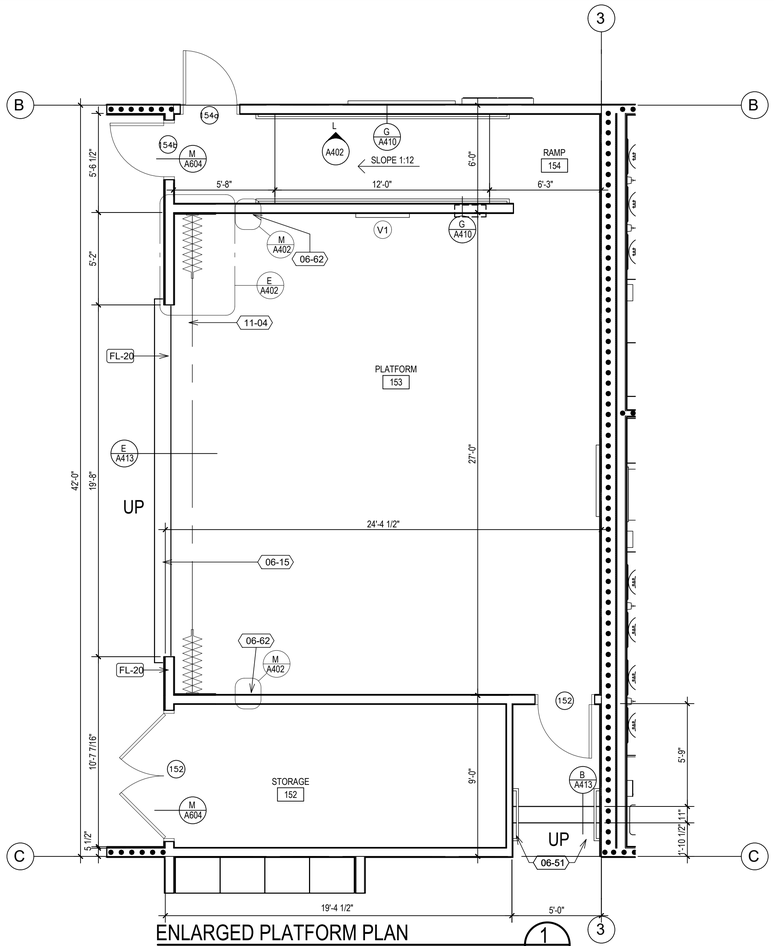
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (d-mm-y) | Description |
|---|---|---|
| | | |

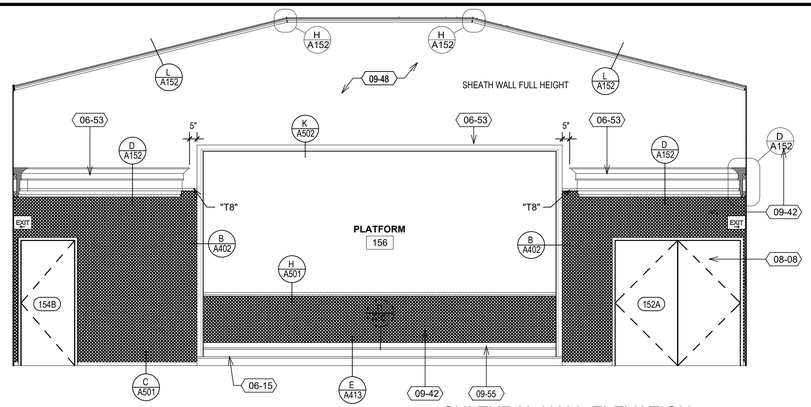
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ENLARGED RESTROOM PLAN AND ELEVATIONS

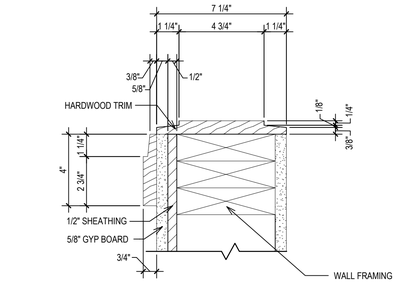
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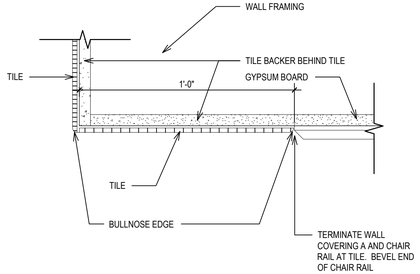

ENLARGED PLATFORM PLAN
1/4" = 1'-0"
1 A402



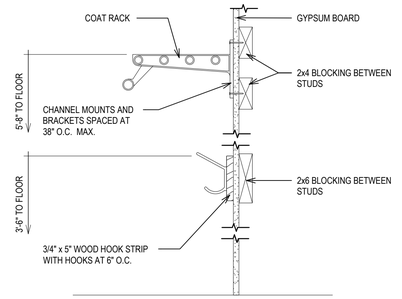

CULTURAL HALL ELEVATION
1/4" = 1'-0"
A A402



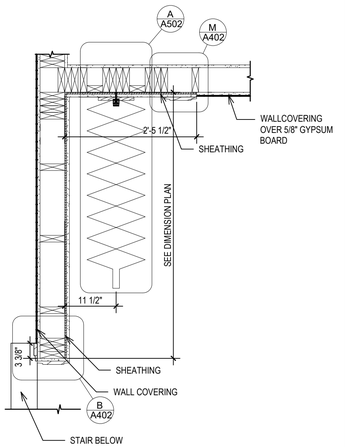

DETAIL
3" = 1'-0"
B A402



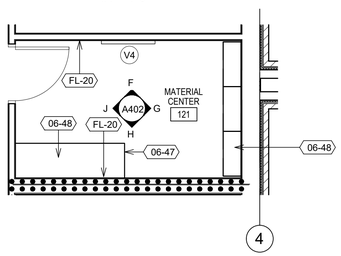

CORNER WALL TILE
3" = 1'-0"
C A402



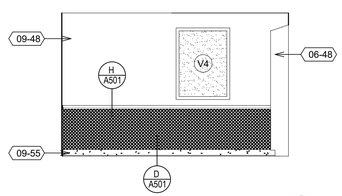

COAT RACK DETAIL
1 1/2" = 1'-0"
D A402



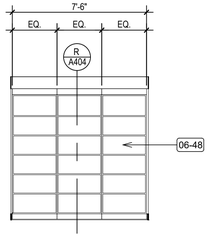

DETAIL
3/4" = 1'-0"
E A402



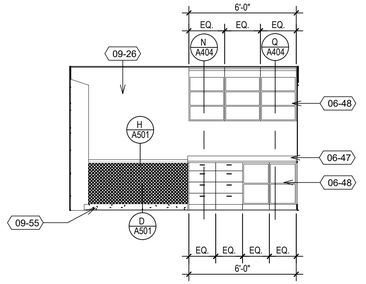

ENLARGED MATERIAL CENTER
1/4" = 1'-0"
2 A402



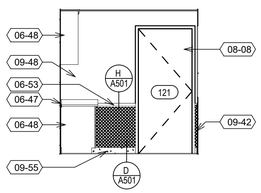

MATERIALS CENTER ELEVATION A
1/4" = 1'-0"
F A402



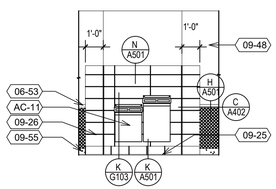

MATERIALS CENTER ELEVATION B
1/4" = 1'-0"
G A402



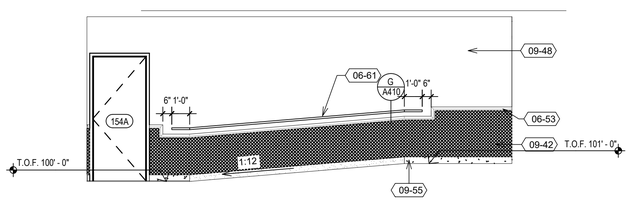

MATERIALS CENTER ELEVATION C
1/4" = 1'-0"
H A402



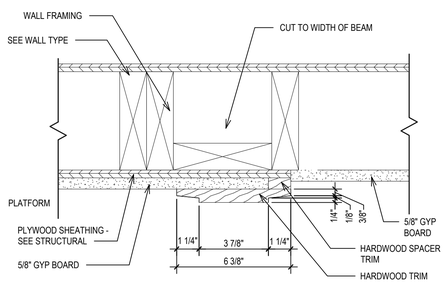

MATERIALS CENTER ELEVATION D
1/4" = 1'-0"
J A402




DRINKING FOUNTAIN
1/4" = 1'-0"
K A402




ELEVATION - PLATFORM RAMP
1/4" = 1'-0"
L A402




PLATFORM WALL FRAMING TRANSITION
3" = 1'-0"
M A402

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 06-15 | WOOD STAIR FRAMING, SEE DETAILS |
| 06-47 | PLASTIC LAMINATE, SEE DETAILS & SPECIFICATION |
| 06-48 | WOOD VENEER FACED ARCHITECTURAL CABINETS, SEE DETAILS & SPECIFICATION |
| 06-51 | ARCHITECTURAL WOODWORK & TRIM, SEE DETAILS & SPECIFICATION |
| 06-53 | HARDWOOD TRIM, SEE DETAILS & SPECIFICATION |
| 06-61 | WOOD RAILINGS, SEE DETAILS & SPECIFICATIONS |
| 06-62 | SOLID WOOD TRIM BOARD STAINED TO MATCH WOOD TRIM COVERING END FACE OF WALL FROM FLOOR TO CEILING |
| 08-08 | INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION |
| 09-25 | CERAMIC GLAZED FLOOR TILE, AS SELECTED, SEE SCHEDULE, DETAILS & SPECIFICATION |
| 09-26 | CERAMIC GLAZED WALL TILE – SEE FINISH SCHEDULE, DETAILS & SPECIFICATION |
| 09-42 | SISAL WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 09-48 | INTERIOR PAINTED GYPSUM BOARD, SEE PAINT SCHEDULE/ SPECIFICATION |
| 09-55 | CARPET BASE, SEE FINISH SCHEDULE/ SPECIFICATION |
| 11-04 | MANUALLY OPERATED STAGE CURTAIN, SEE DETAILS & SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| AC-11 | DRINKING FOUNTAIN, A.N.S.I. A117.1-2017. |
| FL-20 | PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DISPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, WALL HUNG CABINETS, AND ALL OTHER EQUIPMENT & ACCESSORY LOCATIONS AS PER STRUCT. BLOCKING SCHEDULE |

## GENERAL NOTES

1. HARDWOOD TRIM DESIGNATIONS ( " T# " ) REFER TO A/A408.
2. FOLDING PARTITION MUST MEET AT CENTER OF PROSCENIUM OPENING.

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
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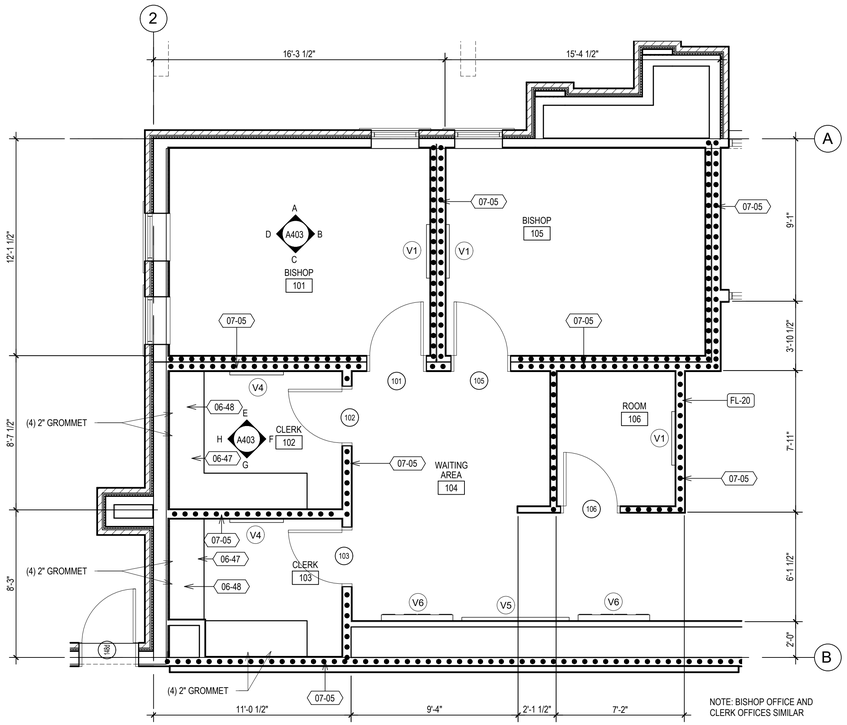
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
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501-8721-26010101

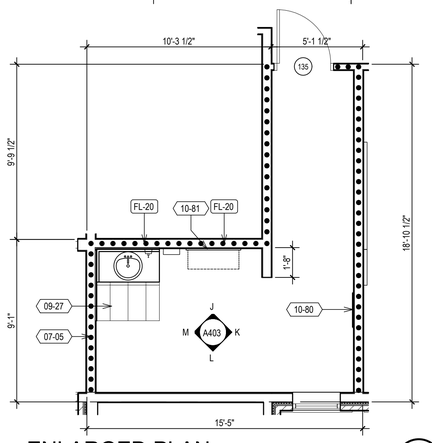
Sheet Title:
ENLARGED PLATFORM PLAN AND DETAILS

Sheet:
A402

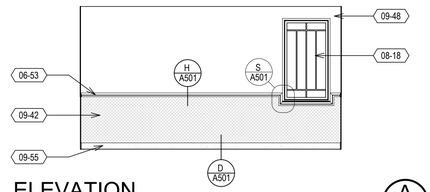



NOTE: BISHOP OFFICE AND CLERK OFFICES SIMILAR

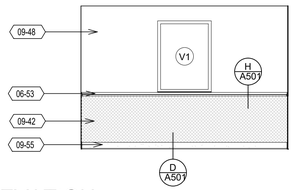
## ENLARGED BISHOP AND CLERK ROOMS
1/4" = 1'-0" — 1 A403



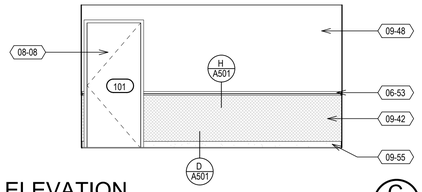

## ENLARGED PLAN
1/4" = 1'-0" — 2 A403



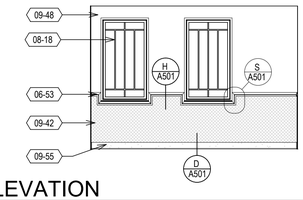

## ELEVATION
1/4" = 1'-0" — A A403



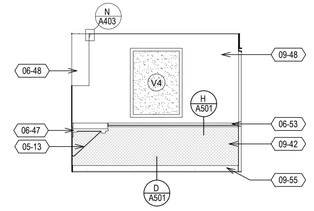

## ELEVATION
1/4" = 1'-0" — B A403



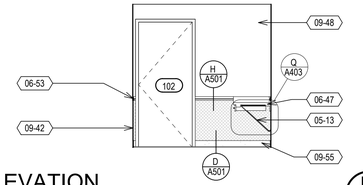

## ELEVATION
1/4" = 1'-0" — C A403



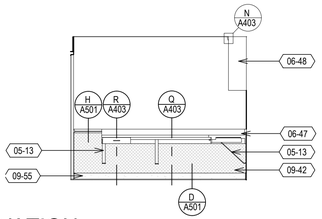

## ELEVATION
1/4" = 1'-0" — D A403



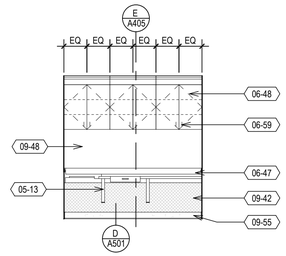

## ELEVATION
1/4" = 1'-0" — E A403



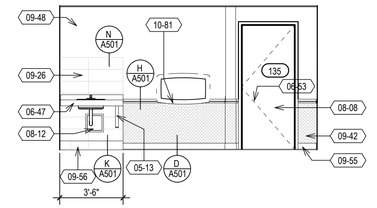

## ELEVATION
1/4" = 1'-0" — F A403



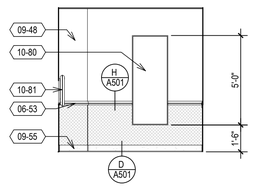

## ELEVATION
1/4" = 1'-0" — G A403



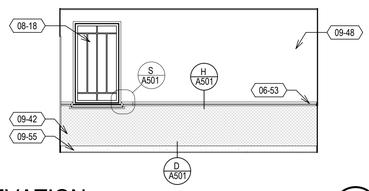

## ELEVATION
1/4" = 1'-0" — H A403



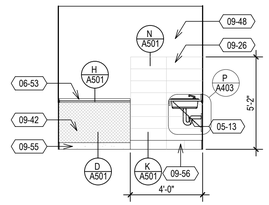

## ELEVATION
1/4" = 1'-0" — J A403




## ELEVATION
1/4" = 1'-0" — K A403




## ELEVATION
1/4" = 1'-0" — L A403

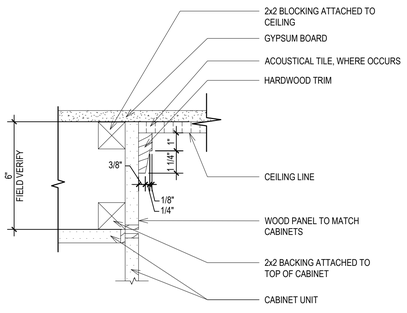



## ELEVATION
1/4" = 1'-0" — M A403

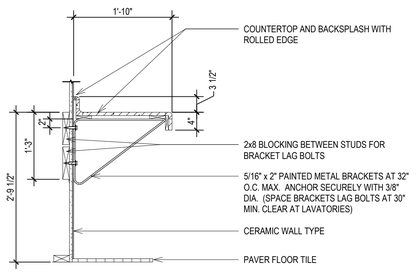
| KEYNOTES | |
|---|---|
| XX-XX ← KEYNOTE MATERIAL | |
| **MATERIAL / SPECIFICATION KEYNOTES** | |
| 05-13 | METAL BRACKETS, SEE DETAILS & SPECIFICATIONS |
| 06-47 | PLASTIC LAMINATE, SEE DETAILS & SPECIFICATION |
| 06-48 | WOOD VENEER FACED ARCHITECTURAL CABINETS, SEE DETAILS & SPECIFICATION |
| 06-53 | HARDWOOD TRIM, SEE DETAILS & SPECIFICATION |
| 06-59 | CABINET LOCK, SEE SPECIFICATION |
| 07-05 | BLANKET SOUND INSULATION |
| 08-08 | INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION |
| 08-12 | WALL ACCESS DOORS & FRAMES |
| 08-18 | VINYL FRAMED FIXED WINDOWS, SEE SCHEDULE, DETAILS & SPECIFICATIONS |
| 09-26 | CERAMIC GLAZED WALL TILE, AS SELECTED. SEE FINISH SCHEDULE, DETAILS & SPECIFICATION |
| 09-27 | QUARRY FLOOR TILE, AS SELECTED. SEE FINISH SCHEDULE, DETAILS & SPECIFICATION |
| 09-42 | SISAL WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 09-48 | INTERIOR PAINTED GYPSUM BOARD, SEE PAINT SCHEDULE/ SPECIFICATION |
| 09-55 | CARPET BASE, SEE FINISH SCHEDULE/ SPECIFICATION |
| 09-56 | COVED TILE BASE, AS SELECTED. SEE FINISH SCHEDULE, DETAILS & SPECIFICATION |
| 10-80 | MIRROR WITH ALUMINUM FRAME |
| 10-81 | BABY CHANGING STATION, SEE SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

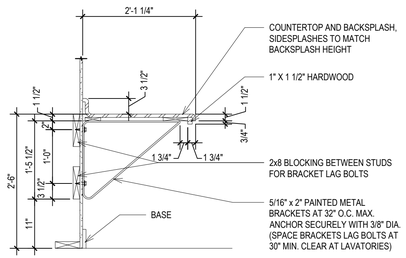
| INSTRUCTIONAL KEYNOTES | |
|---|---|
| FL-20 | PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DESPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, WALL HUNG CABINETS, AND ALL OTHER EQUIPMENT & ACCESSORY LOCAITONS AS PER STRUCT. BLOCKING SCHEDULE |



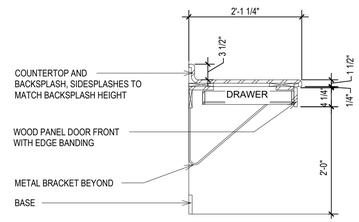

## SOFFIT DETAIL
3" = 1'-0" — N A403




## SECTION
3/4" = 1'-0" — P A403




## SECTION
3/4" = 1'-0" — Q A403




## SECTION
3/4" = 1'-0" — R A403

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

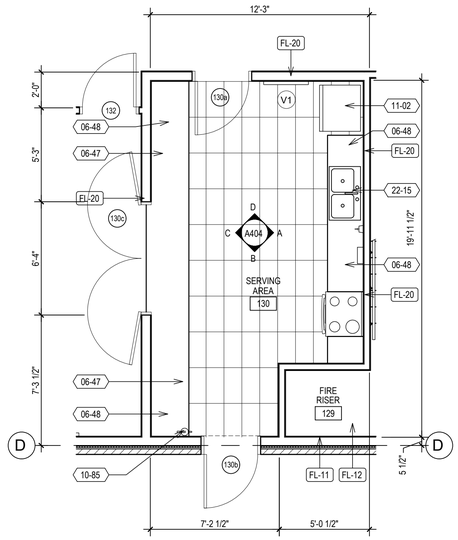
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

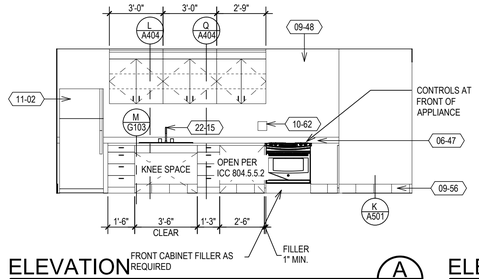
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ENLARGED BISHOP, CLERK, AND MOTHER'S ROOM

Sheet:
A403



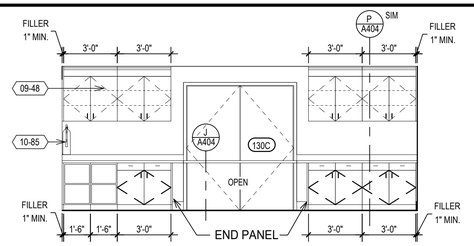

## ENLARGED SERVING AREA
1/4" = 1'-0"
1 / A404



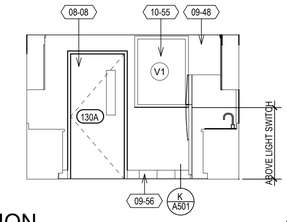

## ELEVATION
1/4" = 1'-0"
A / A404



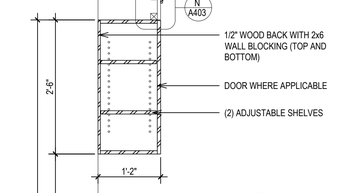

## ELEVATION
1/4" = 1'-0"
B / A404



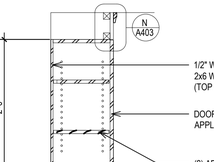

## ELEVATION
1/4" = 1'-0"
C / A404



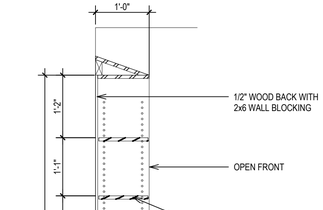

## ELEVATION
1/4" = 1'-0"
D / A404




## ELEVATION
1/4" = 1'-0"
E / A404




## ELEVATION
1/4" = 1'-0"
F / A404




## ELEVATION
1/4" = 1'-0"
G / A404




## ELEVATION
1/4" = 1'-0"
H / A404




## ENLARGED MEMBER CUSTODIAL
1/4" = 1'-0"
2 / A404




## SECTION
3/4" = 1'-0"
J / A404




## COUNTERTOP SUPPORT
3" = 1'-0"
K / A404




## SECTION
3/4" = 1'-0"
L / A404




## SECTION
3/4" = 1'-0"
M / A404




## SECTION
3/4" = 1'-0"
N / A404




## SECTION
3/4" = 1'-0"
P / A404




## SECTION
3/4" = 1'-0"
Q / A404




## SECTION
3/4" = 1'-0"
R / A404

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 06-46 | SHELVING, SEE DETAILS |
| 06-47 | PLASTIC LAMINATE, SEE DETAILS & SPECIFICATION |
| 06-48 | WOOD VENEER FACED ARCHITECTURAL CABINETS, SEE DETAILS & SPECIFICATION |
| 08-08 | INTERIOR SOLID CORE FLUSH WOOD DOORS, FACTORY FINISHED, SEE SCHEDULE & SPECIFICATION |
| 08-14 | EXTERIOR & INTERIOR ALUMINIUM STOREFRONT ENTRANCES, SEE SCHEDULE & SPECIFICATION |
| 09-26 | CERAMIC GLAZED WALL TILE – SEE FINISH SCHEDULE, DETAILS & SPECIFICATION |
| 09-48 | INTERIOR PAINTED GYPSUM BOARD, SEE PAINT SCHEDULE/ SPECIFICATION |
| 09-56 | COVED TILE BASE, SEE DETAILS & SPECIFICATION |
| 10-55 | FIXED MARKERBOARDS, SEE SPECIFICATION |
| 10-62 | ROOM SIGNAGE, SEE DETAILS & SPECIFICATION |
| 10-79 | UTILITY SHELF |
| 10-85 | FIRE EXTINGUISHER, SEE SPECIFICATION |
| 10-90 | UTILITY SHELF/ MOP HOLDER |
| 11-02 | REFRIGERATOR/FREEZER AS SELECTED, SEE SPECIFICATION |
| 22-14 | COMMERCIAL LAVATORY/SINK FAUCET, SEE PLUMBING DRAWINGS & SPECIFICATION |
| 22-15 | COMMERCIAL STAINLESS TWO BASIN KITCHEN SINK, SEE PLUMBING DRAWINGS & SPECIFICATION |
| 22-17 | SERVICE SINK, SEE PLUMBING DRAWINGS & SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| FL-11 | PRV STATION, SEE FIRE SPRINKLER DRAWINGS |
| FL-12 | FIRE RISER, SEE FIRE SPRINKLER DRAWINGS |
| FL-20 | PROVIDE SOLID BLOCKING IN THE WALLS AT ALL DOOR STOPS, VISUAL DESPLAY BOARDS, TOILET COMPARTMENTS, LAVATORY SUPPORTS, WALL HUNG CABINETS, AND ALL OTHER EQUIPMENT & ACCESSORY LOCAITONS AS PER STRUCT. BLOCKING SCHEDULE |

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

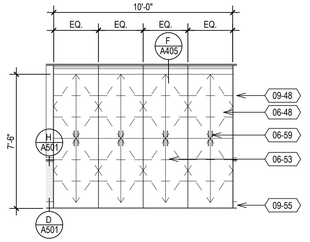
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (M-D-Y) | Description |
|---|---|---|
| | | |

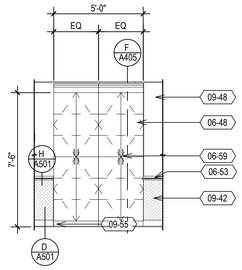
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ENLARGED SERVING AREA AND MEMBER CUSTODIAL

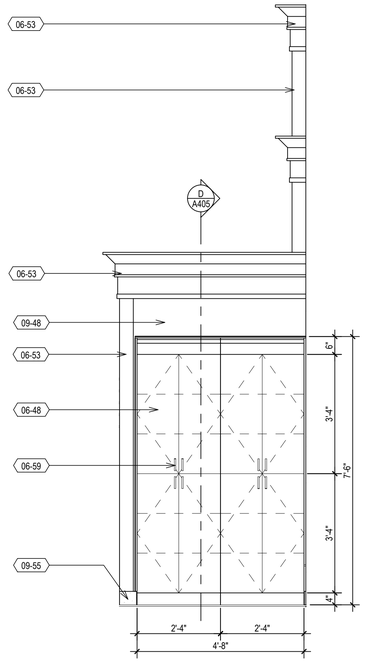
Sheet:
A404



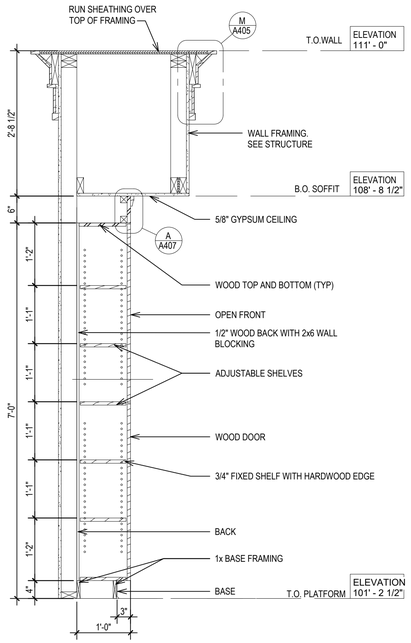

## ELEVATION
1/4" = 1'-0"
A405 A



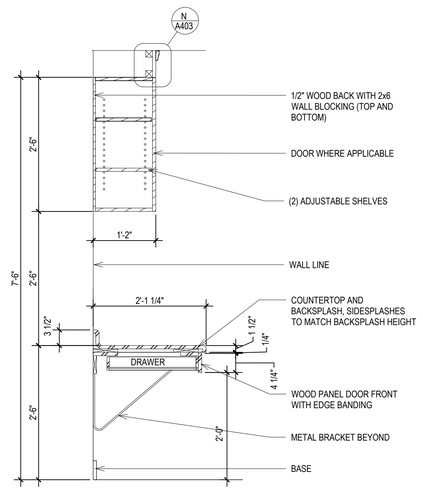

## ELEVATION
1/4" = 1'-0"
A405 B



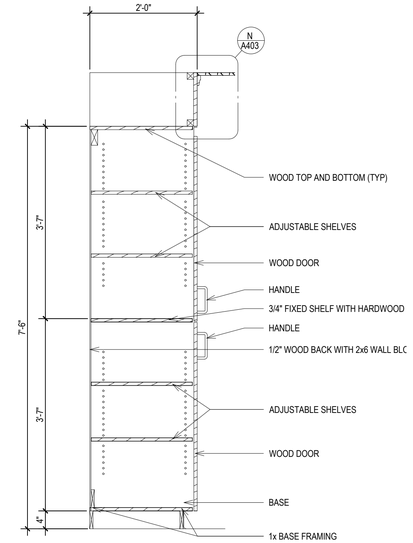

## ROSTRUM EAST ELEVATION
1/2" = 1'-0"
A405 C



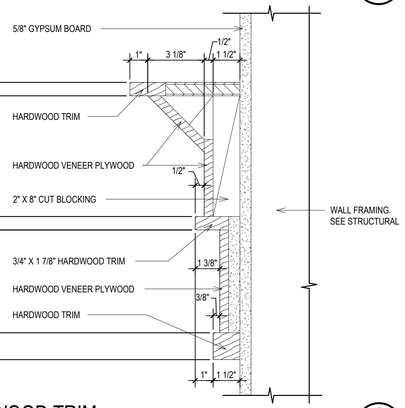

## ROSTRUM CABINET SECTION
3/4" = 1'-0"
A405 D



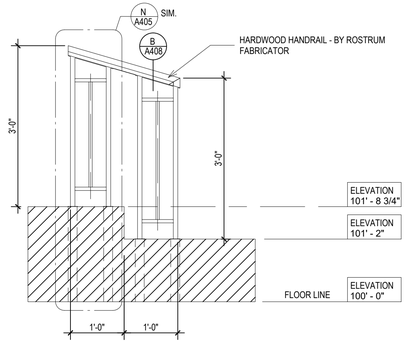

## SECTION
3/4" = 1'-0"
A405 E



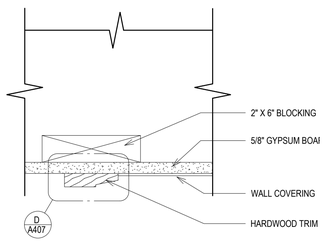

## SECTION
3/4" = 1'-0"
A405 F



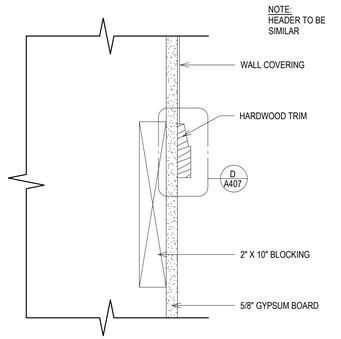

## WOOD TRIM
3" = 1'-0"
A405 G



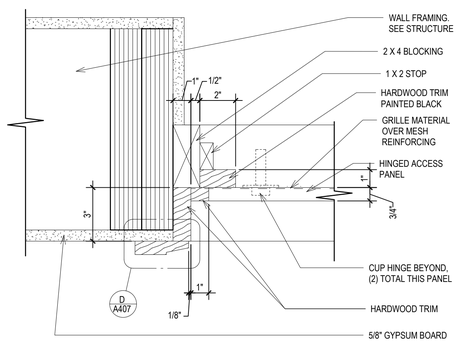

## ROSTRUM RISER HANDRAIL ELEVATION
3/4" = 1'-0"
A405 H



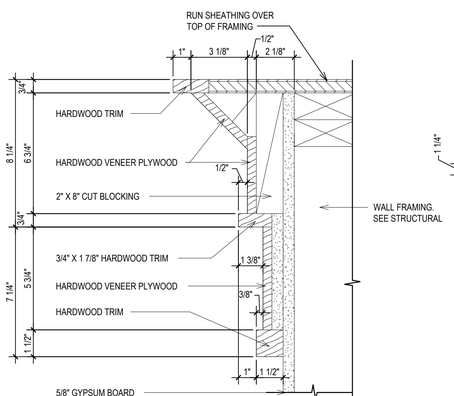

## WOOD TRIM - SIDE
3" = 1'-0"
A405 J



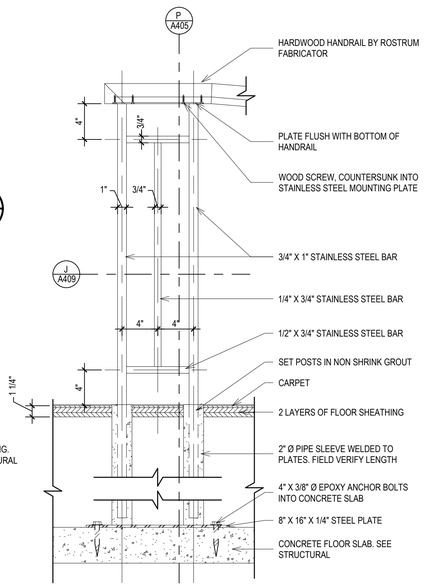

## WOOD TRIM SILL
3" = 1'-0"
A405 K



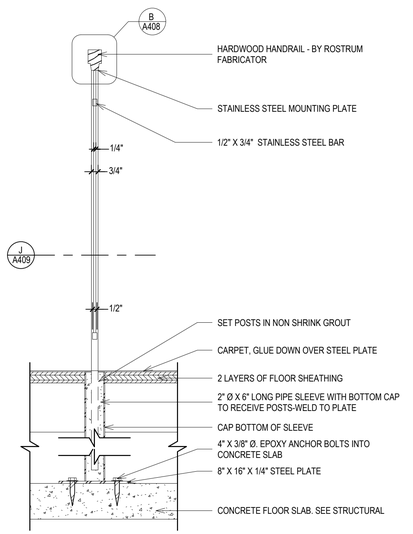

## PANEL SIDE
3" = 1'-0"
A405 L




## WOOD TRIM
3" = 1'-0"
A405 M




## ROSTRUM HANDRAIL DETAIL
1 1/2" = 1'-0"
A405 N




## ROSTRUM HANDRAIL DETAIL
1 1/2" = 1'-0"
A405 P

Release Date:
27-OCT-2026

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Stamp:

Project Name:
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GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

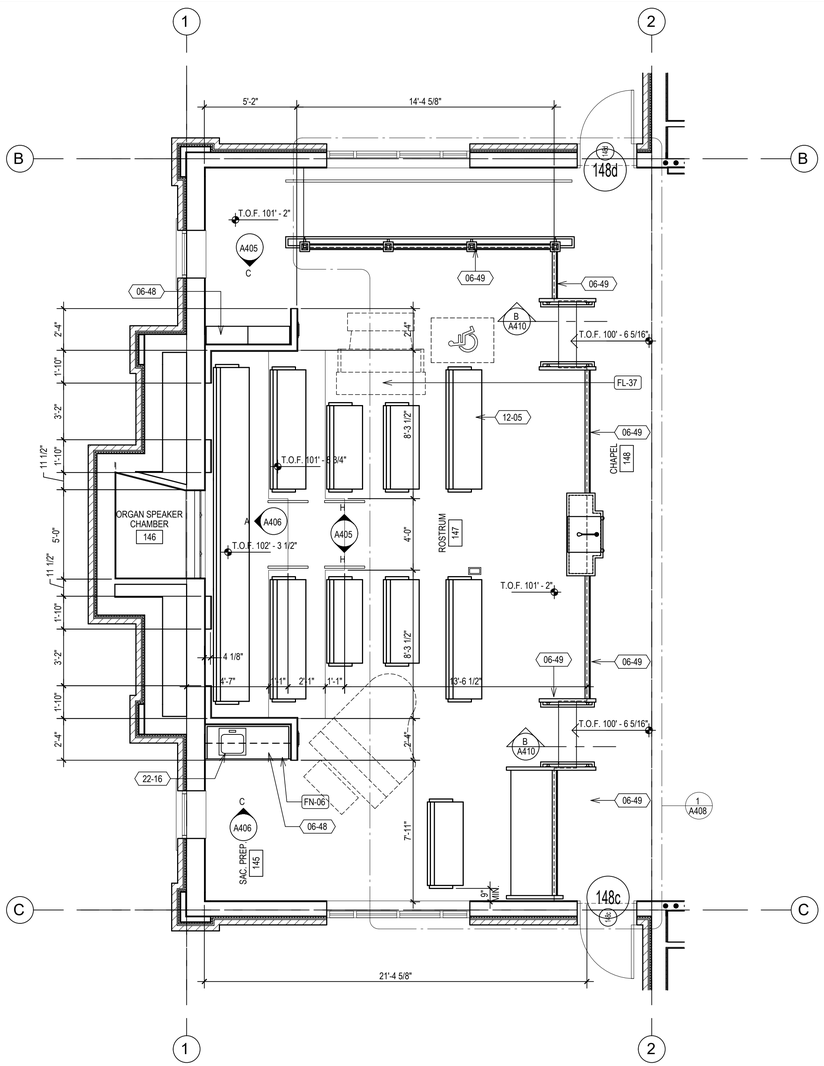
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
INTERIOR
ELEVATIONS
AND DETAILS

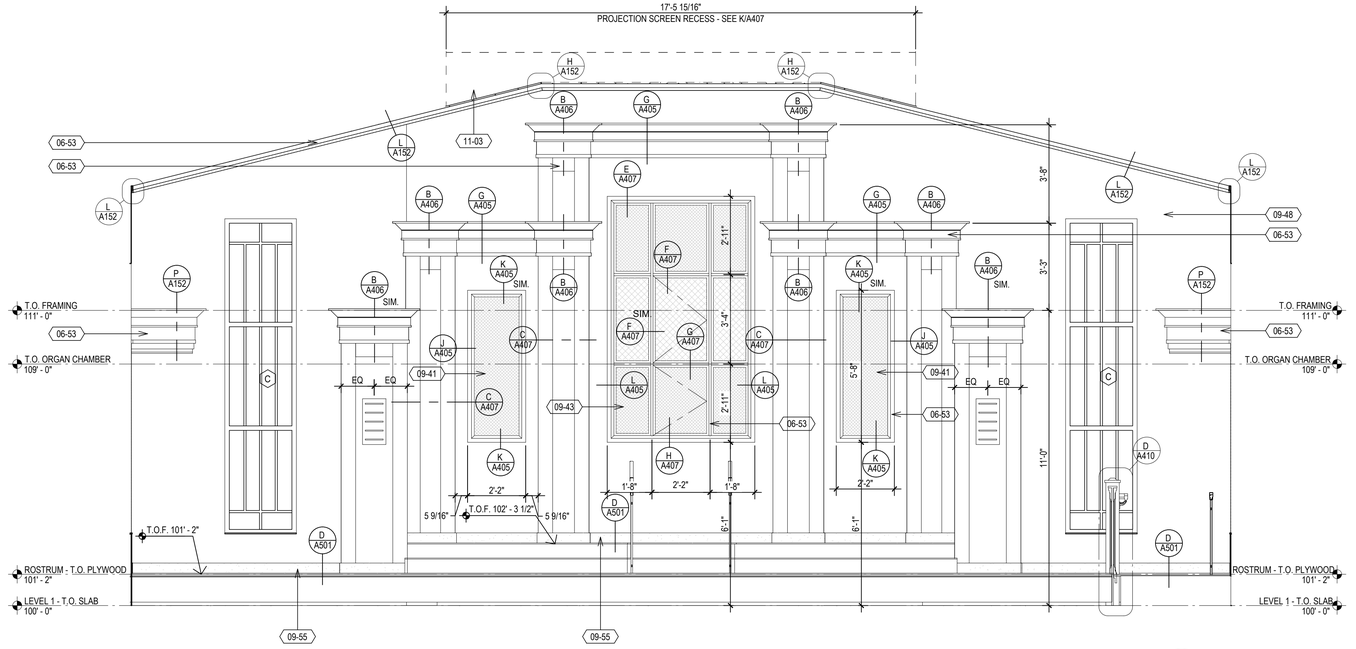
Sheet:
A405




## ENLARGED ROSTRUM PLAN

1/4" = 1'-0"

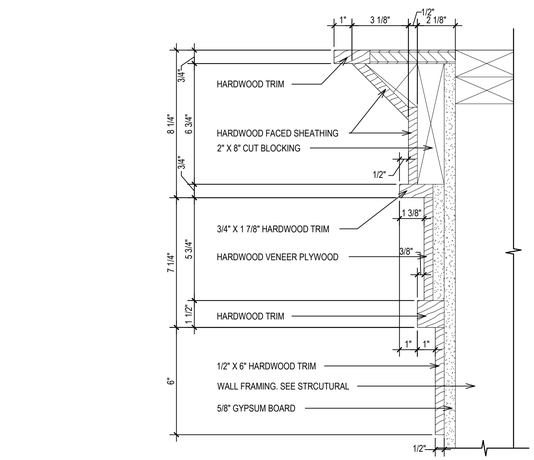
1 A406




## ROSTRUM ELEVATION

3/8" = 1'-0"

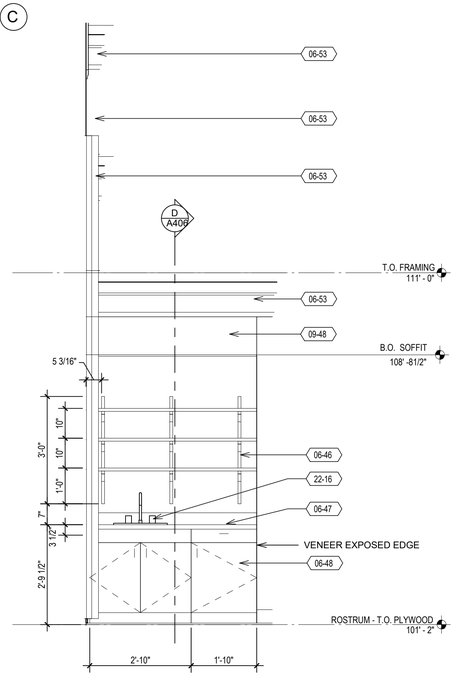
A 406




## WOOD TRIM

3" = 1'-0"

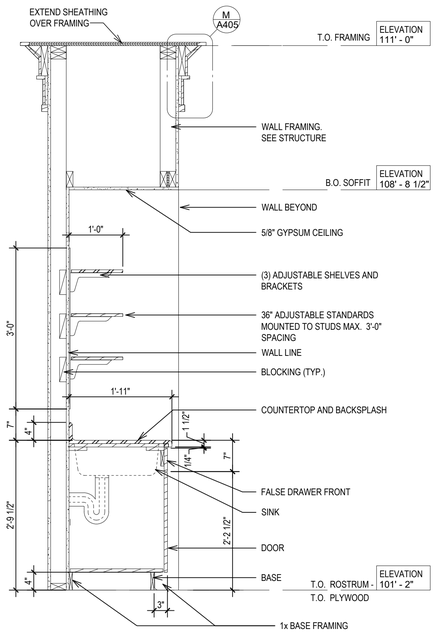
B A406




## SAC. PREP. ELEVATION

1/2" = 1'-0"

C A406




## SAC. PREP. CABINET SECTION

3/4" = 1'-0"

D A406

## GENERAL NOTES

1. AT ORGAN SPEAKER CHAMBER, ALL WALLS TO BE COVERED WITH 5/8" GYPSUM BOARD. GYPSUM BOARD TO BE GLUED AND SCREW IN PLACE.
2. ALL EXPOSED GYPSUM BOARD AND WOOD SURFACES TO BE PAINTED BLACK IN ORGAN SPEAKER CHAMBER

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

**MATERIAL / SPECIFICATION KEYNOTES**

| | |
|---|---|
| 06-46 | SHELVING, SEE DETAILS |
| 06-47 | PLASTIC LAMINATE, SEE DETAILS & SPECIFICATION |
| 06-48 | WOOD VENEER FACED ARCHITECTURAL CABINETS, SEE DETAILS & SPECIFICATION |
| 06-49 | ROSTRUM CASEWORK, SEE DETAILS & SPECIFICATION |
| 06-53 | HARDWOOD TRIM, SEE DETAILS & SPECIFICATION |
| 09-41 | VINYL COATED WALL COVERING AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 09-43 | ACOUSTIC WALL COVERING & GRILLS AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 09-48 | INTERIOR PAINTED GYPSUM BOARD, SEE PAINT SCHEDULE/ SPECIFICATION |
| 09-55 | CARPET BASE, SEE FINISH SCHEDULE/ SPECIFICATION |
| 11-03 | ELECTRICALLY OPERATED PROJECTION SCREEN, SEE DETAILS & SPECIFICATION |
| 12-05 | CUSHIONED PEW SEATING, SEE F101 |
| 22-16 | COMMERCIAL STAINLESS SINGLE BASIN SINK, SEE PLUMBING DRAWINGS & SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

**INSTRUCTIONAL KEYNOTES**

| | |
|---|---|
| FL-37 | 6" DEEP FLOOR RECESS WITH POWER OUTLET AND SOUND CONDUIT STUBS FOR ORGAN |
| FN-06 | COUNTERTOP, SEE DETAILS, INTERIOR ELEVATIONS, & FINISH SCHEDULE |

Release Date:
27-OCT-2026

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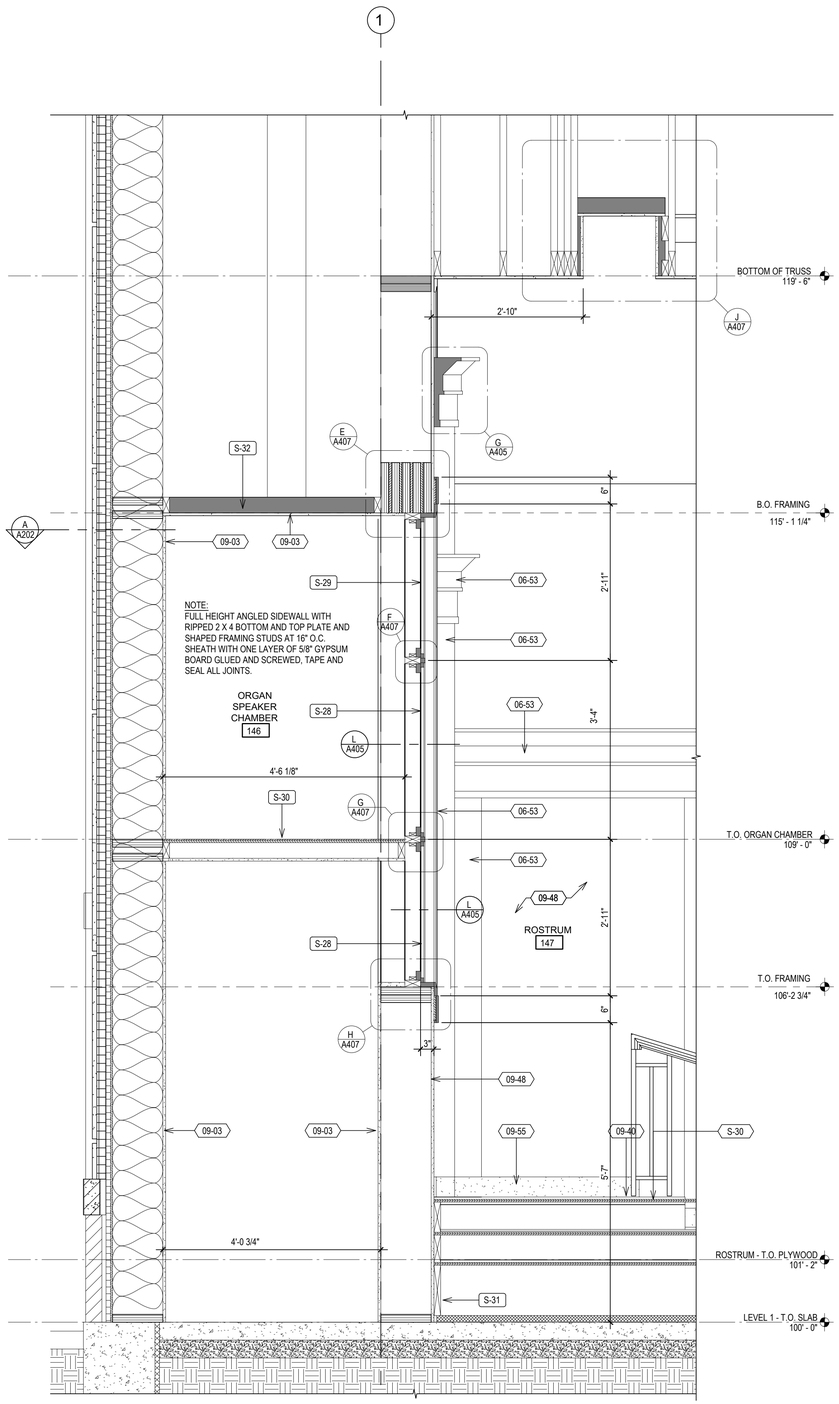
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-MM-Y) | Description |
|---|---|---|
| | | |

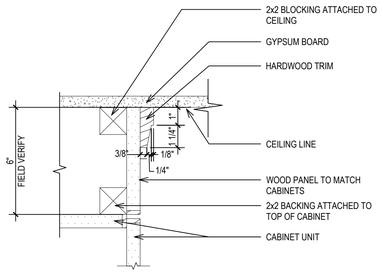
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ENLARGED ROSTRUM PLAN AND ELEVATIONS

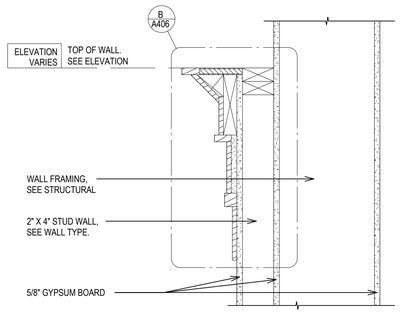
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A406



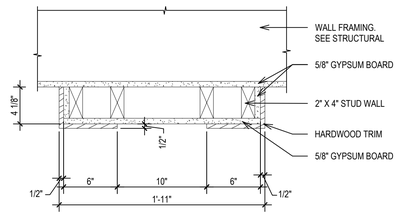

## ORGAN SPEAKER CHAMBER
3/4" = 1'-0"
K A407



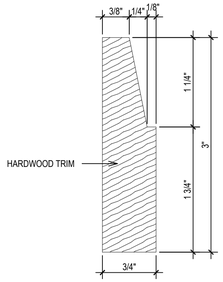

## CABINET TRIM
3" = 1'-0"
A A407



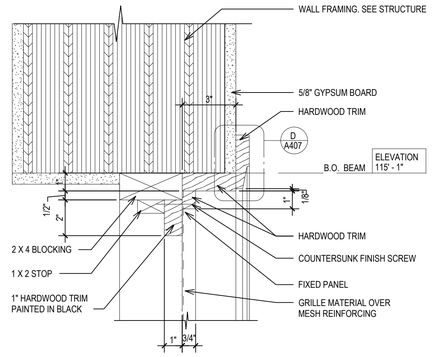

## TRIM DETAIL
1 1/2" = 1'-0"
B A407



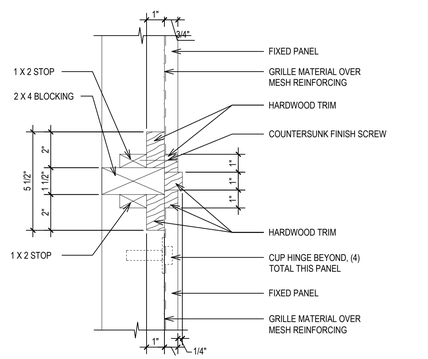

## ROSTRUM WALL SECTION
1 1/2" = 1'-0"
C A407



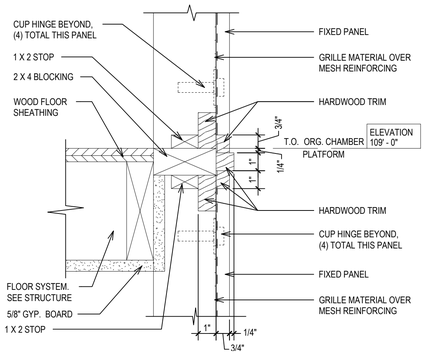

## WOOD TRIM
12" = 1'-0"
D A407



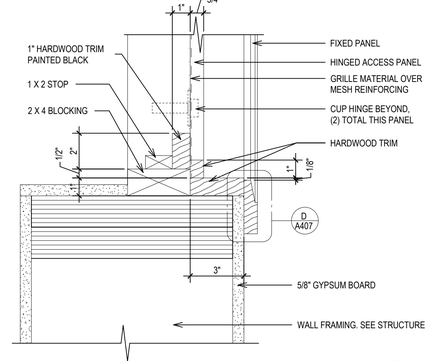

## PANEL HEAD
3" = 1'-0"
E A407



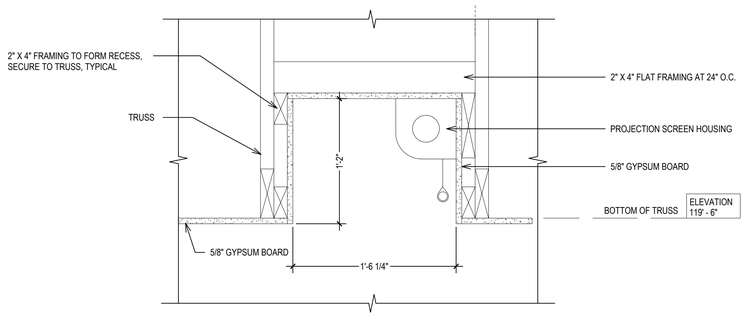

## ACCESS PANEL
3" = 1'-0"
F A407




## ACCESS PANELS
3" = 1'-0"
G A407




## PANEL SILL
3" = 1'-0"
H A407




## PROJECTION SCREEN RESCESS
1 1/2" = 1'-0"
J A407

## GENERAL NOTES

1. AT ORGAN SPEAKER CHAMBER, ALL WALLS TO BE COVERED WITH 5/8" GYPSUM BOARD. GYPSUM BOARD TO BE GLUED AND SCREW IN PLACE.
2. ALL EXPOSED GYPSUM BOARD AND WOOD SURFACES TO BE PAINTED BLACK IN ORGAN SPEAKER CHAMBER

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 06-53 | HARDWOOD TRIM, SEE DETAILS & SPECIFICATION |
| 09-03 | 5/8" GYPSUM BOARD, DETAILS & SPECIFICATION |
| 09-40 | SHEET CARPET AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 09-48 | INTERIOR PAINTED GYPSUM BOARD, SEE PAINT SCHEDULE/ SPECIFICATION |
| 09-55 | CARPET BASE, SEE FINISH SCHEDULE/ SPECIFICATION |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| S-28 | HINGED ACCESS PANEL |
| S-29 | FIXED PANEL |
| S-30 | WOOD FLOOR SHEATHING, GLUE AND SCREW IN PLACE OVER 2X4 FLOOR JOIST AT 16" O.C. |
| S-31 | ROSTRUM FLOOR FRAMING, SEE STRUCTURAL |
| S-32 | 2X4 STUD AT 24" O.C. WITH 1 LAYER OF 5/8" GYPSUM BOARD, GLUE AND SCREW IN PLACE |

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Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

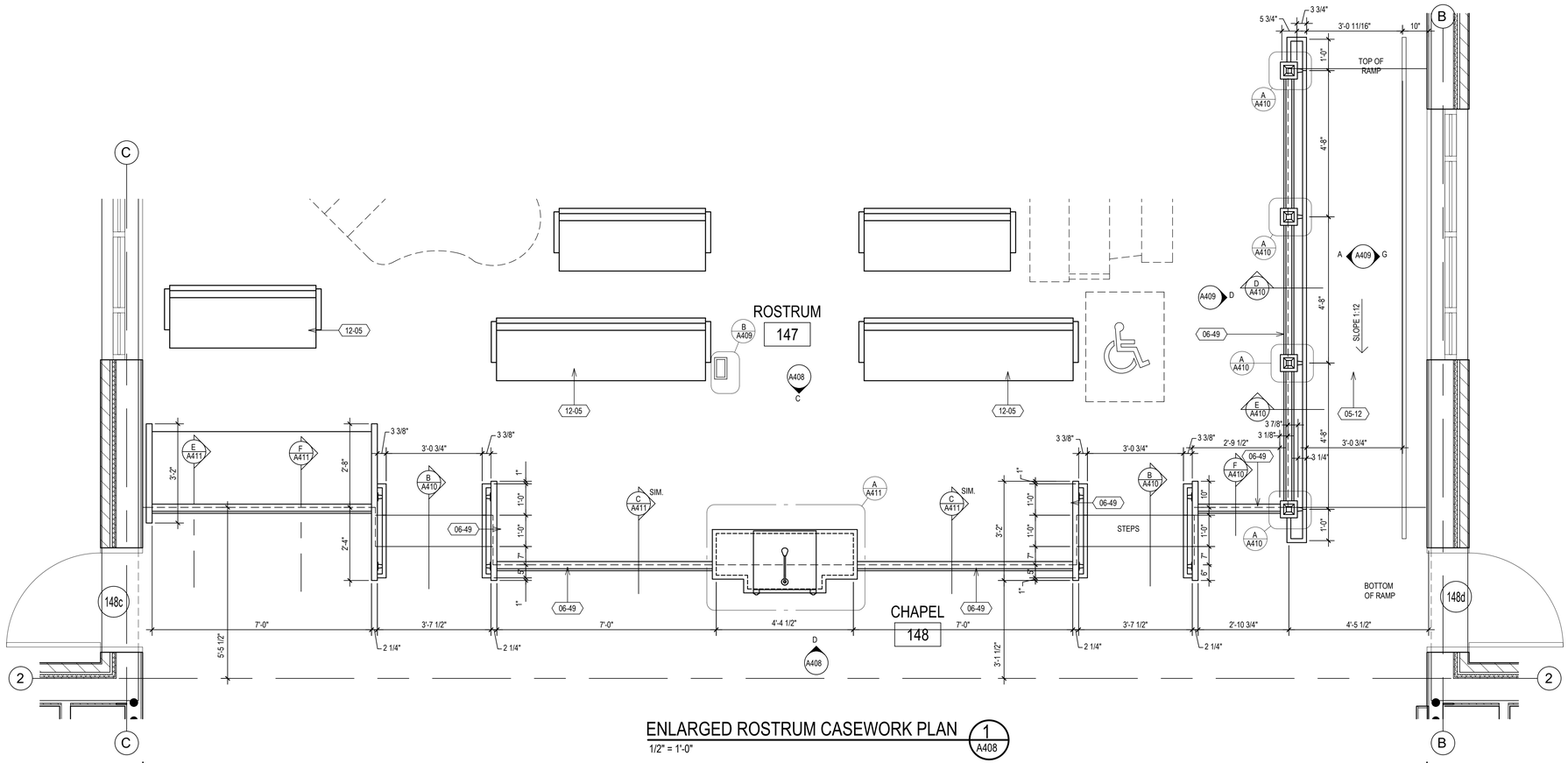
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
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Property Number:
501-8721-26010101

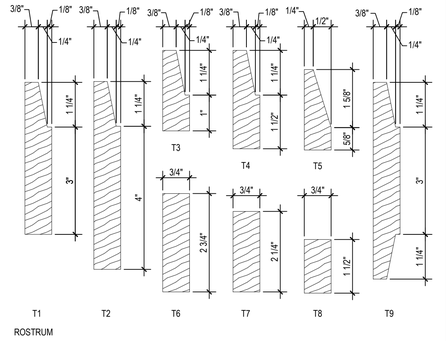
Sheet Title:
ROSTRUM
FRONT WALL
ELEVATION
DETAILS

Sheet:
A407



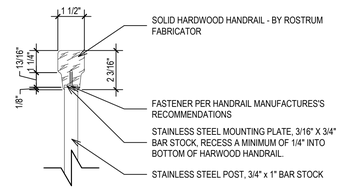

## ENLARGED ROSTRUM CASEWORK PLAN (1 / A408)

1/2" = 1'-0"



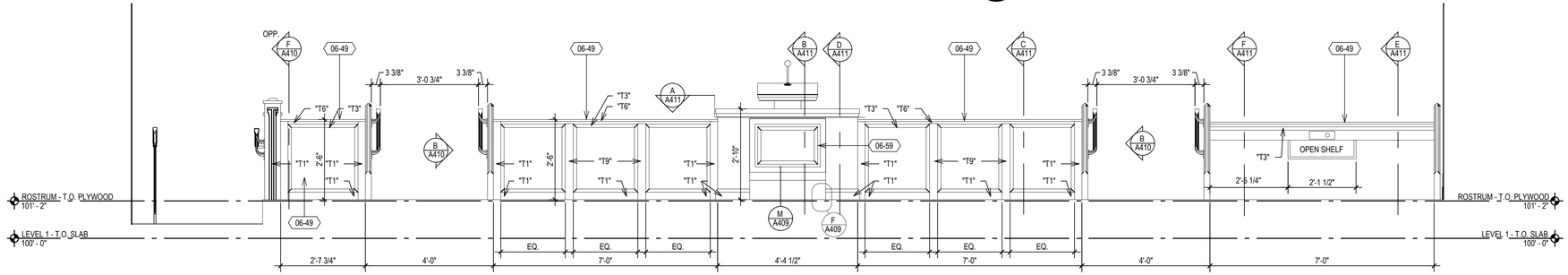

## MILLWORK HARDWOOD TRIM (A / A408)

6" = 1'-0"



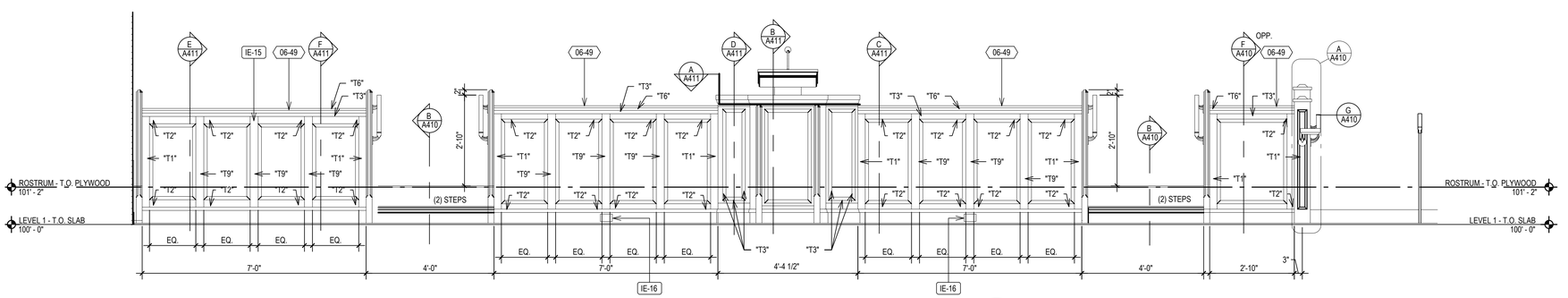

## TYPICAL HANDRAIL PROFILE DETAIL (B / A408)

3" = 1'-0"




## ROSTRUM CASEWORK REAR ELEV. (C / A408)

1/2" = 1'-0"




## ROSTRUM CASEWORK FRONT ELEV. (D / A408)

1/2" = 1'-0"

## GENERAL NOTES

1. HARDWOOD TRIM DESIGNATIONS ( " T# " ) REFER TO A/A408.
2. VERIFY MANUFACTURER'S REQUIREMENTS FOR INSTALLATION OF ADJUSTABLE PULPIT MECHANISM (HEIGHT OF SHELF)

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

| | |
|---|---|
| 05-12 | STAINLESS STEEL PIPE AND TUBE RAILINGS, SEE DETAILS & SPECIFICATIONS |
| 06-49 | ROSTRUM CASEWORK, SEE DETAILS & SPECIFICATION |
| 06-59 | CABINET LOCK, SEE SPECIFICATION |
| 12-05 | CUSHIONED PEW SEATING, SEE F101 |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| IE-15 | MICROPHONE BY SOUND INSTALLER |
| IE-16 | ROSTRUM - MICROPHONE OUTLET |

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Project Name:
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WASHINGTON, UT 84780

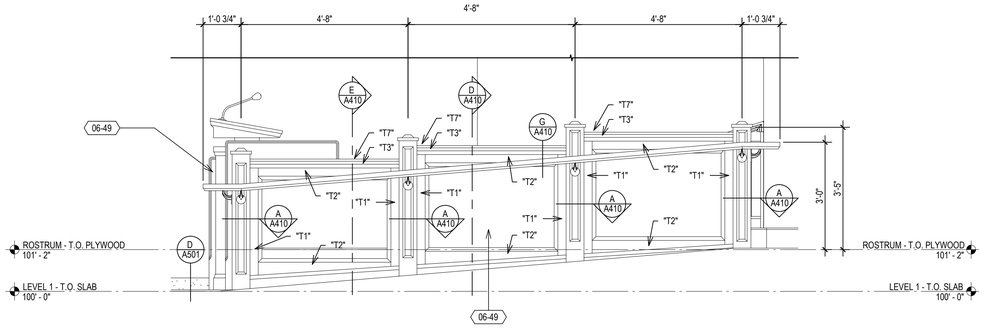
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

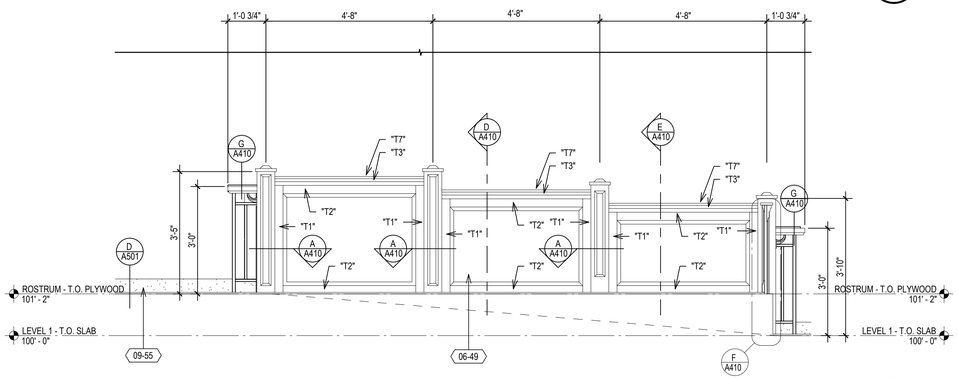
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ROSTRUM CASEWORK ELEVATIONS

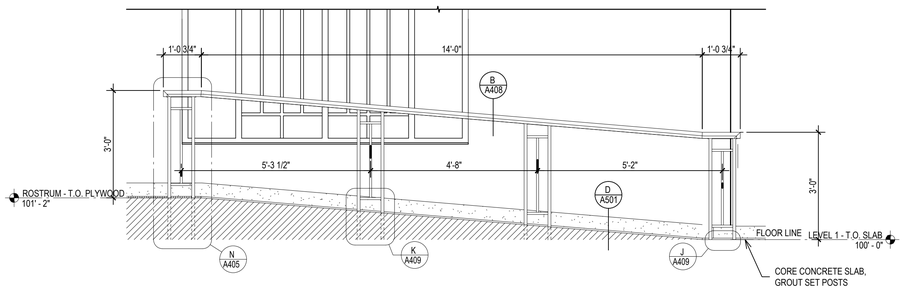
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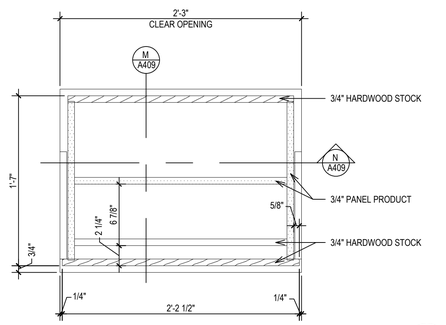

## LOWER RAMP SIDEWALL
1/2" = 1'-0"
A / A409



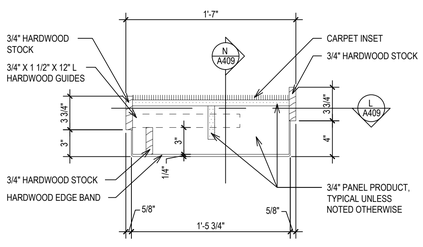

## ROSTRUM RAMP SIDEWALL
1/2" = 1'-0"
D / A409




## UPPER RAMP SIDEWALL
1/2" = 1'-0"
G / A409

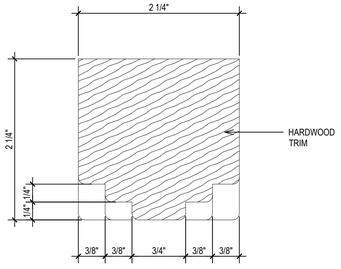



## PULL-OUT STEP
1 1/2" = 1'-0"
L / A409

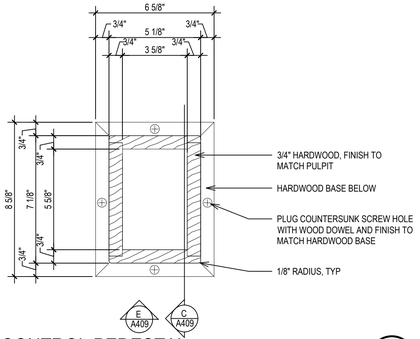



## PULL-OUT STEP
1 1/2" = 1'-0"
M / A409

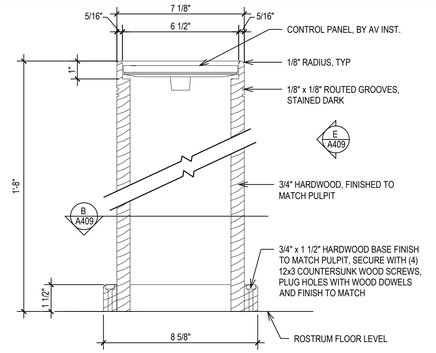
NOTE:
ROUNDED CORNERS TO BE 3/32" RADIUS



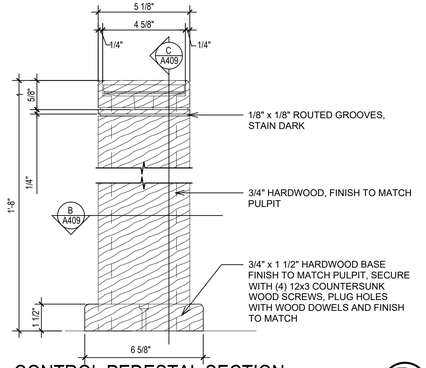

## PULPIT TRIM
12" = 1'-0"
H / A409



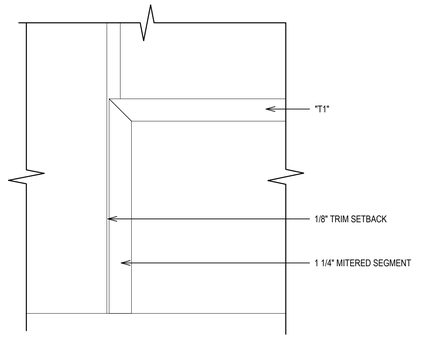

## CONTROL PEDESTAL
3" = 1'-0"
B / A409



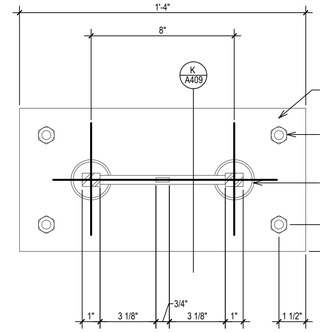

## CONTROL PEDESTAL SECTION
3" = 1'-0"
C / A409



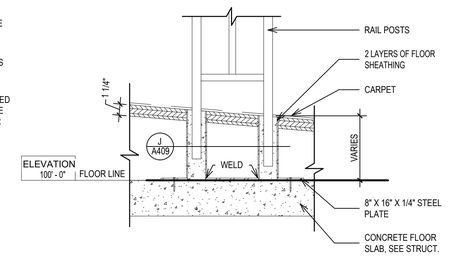

## CONTROL PEDESTAL SECTION
3" = 1'-0"
E / A409



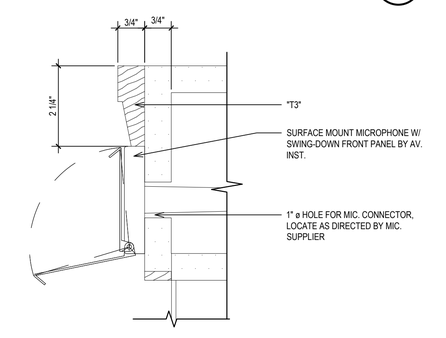

## PULPIT CORNER TRIM
3" = 1'-0"
F / A409




## ROSTRUM HANDRAIL BASE DETAIL
3" = 1'-0"
J / A409



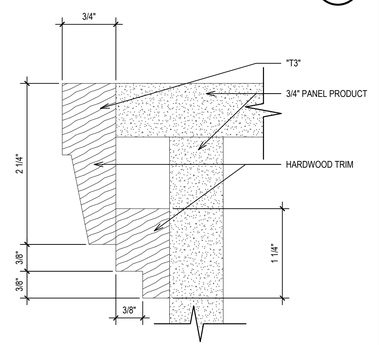

## ROSTRUM HANDRAIL BASE DETAIL
1 1/2" = 1'-0"
K / A409




## PULL OUT SETP
1 1/2" = 1'-0"
N / A409




## SACRAMENT TRIM
6" = 1'-0"
P / A409




## LECTERN EDGE
3" = 1'-0"
Q / A409

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

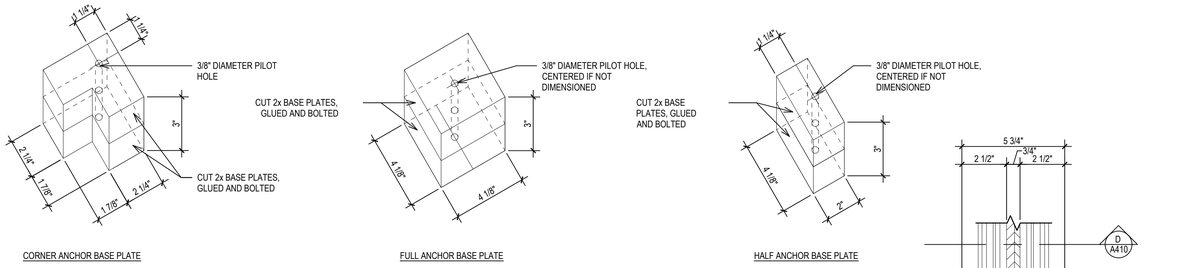
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

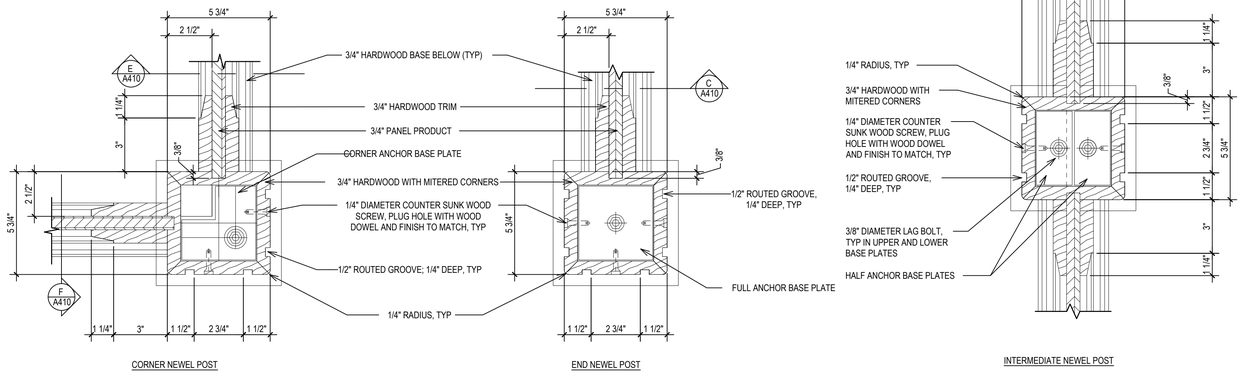
Sheet Title:
ROSTRUM CASEWORK ELEVATIONS AND DETAILS

Sheet:
A409

## GENERAL NOTES

1. HARDWOOD TRIM DESIGNATIONS ( " T# " ) REFER TO A/A408.
2. VERIFY MANUFACTURER'S REQUIREMENTS FOR INSTALLATION OF ADJUSTABLE PULPIT MECHANISM (HEIGHT OF SHELF)



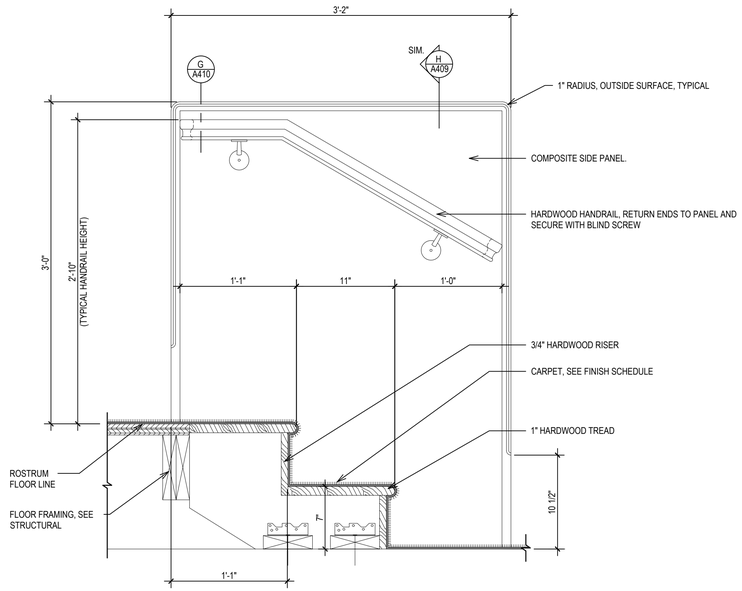




NOTE:
FLOOR ANCHORAGE TO BE 3/8" DIAMETER x 6" EXPANSION BOLT (INTO CONCRETE) OR 3/8" DIAMETER x 4" LAG BOLT (INTO WOOD)

## NEWEL POST TYPES

3" = 1'-0"

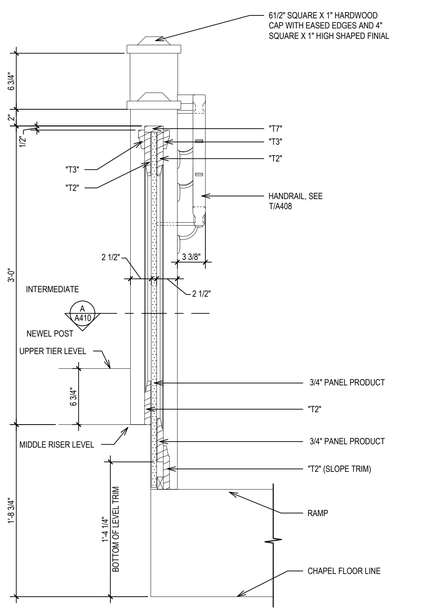
A A410




## ROSTRUM STEPS SIDE PANEL

1 1/2" = 1'-0"

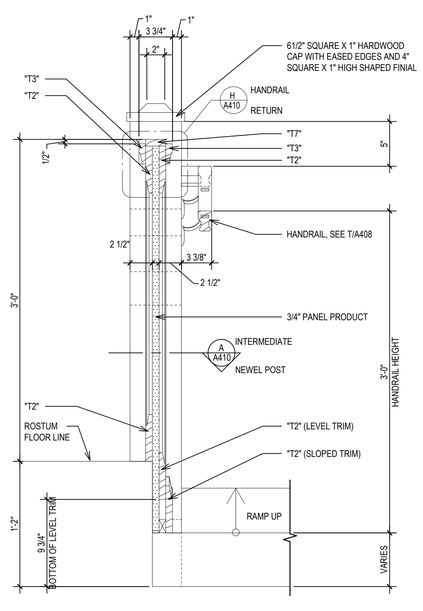
B A410




## RAMP SIDEWALL

1 1/2" = 1'-0"

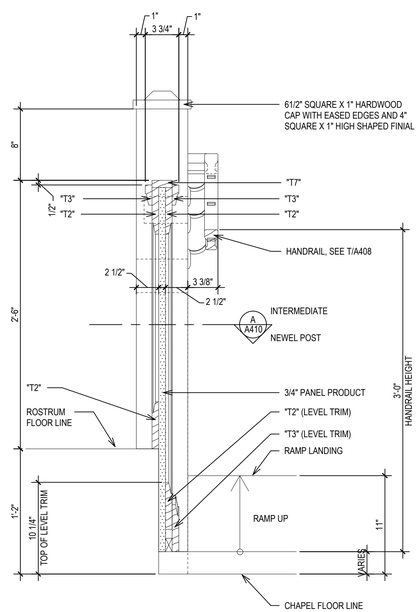
C A410




## RAMP SIDEWALL

1 1/2" = 1'-0"

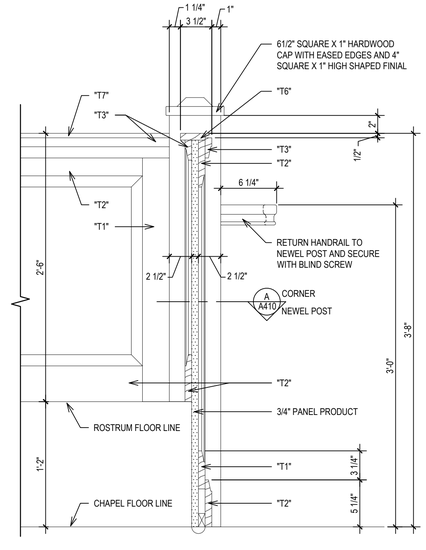
D A410




## RAMP SIDEWALL

1 1/2" = 1'-0"

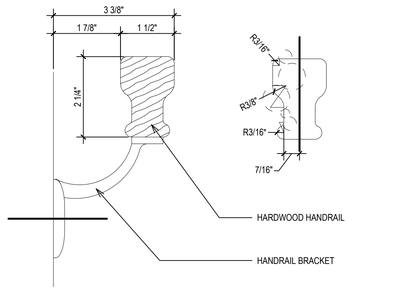
E A410




## FRONT MODESTY WALL

1 1/2" = 1'-0"

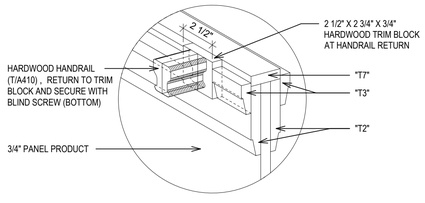
F A410




## HANDRAIL SECTION

6" = 1'-0"

G A410




## HANDRAIL RETURN

1 1/2" = 1'-0"

H A410

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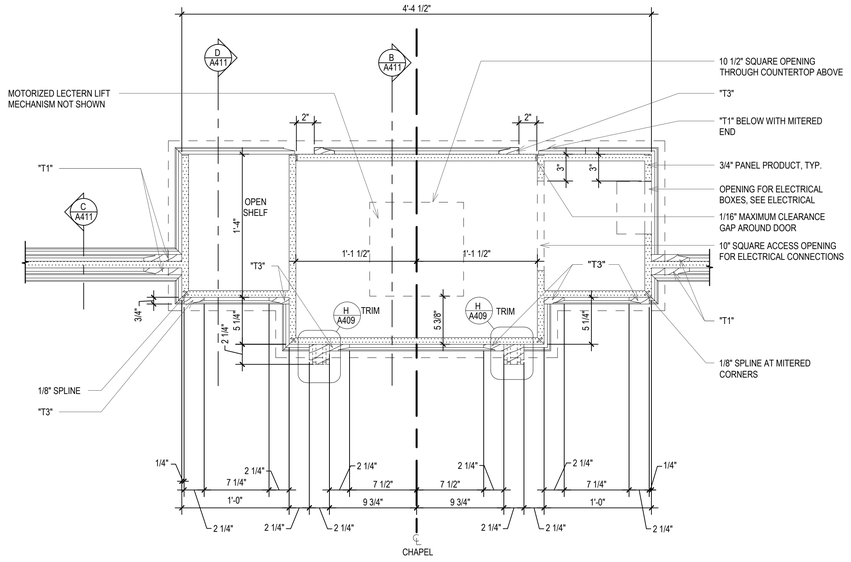
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

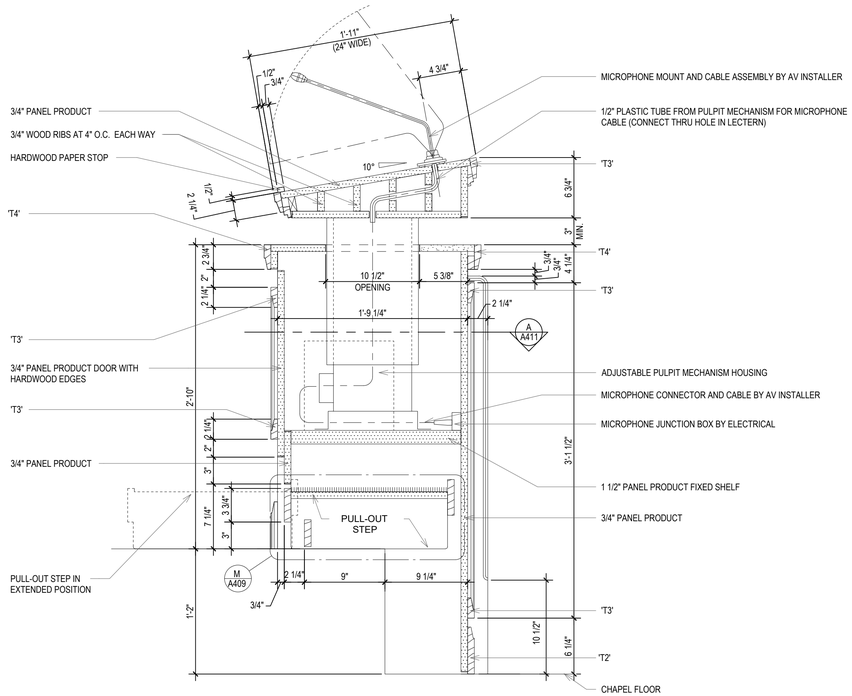
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PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ROSTRUM
CASEWORK
DETAILS

Sheet:
A410



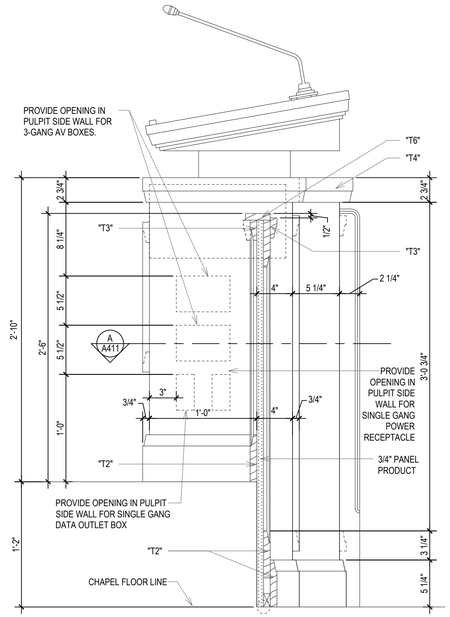

## PULPIT AND MODESTY RAIL WALL
1 1/2" = 1'-0"
A A411



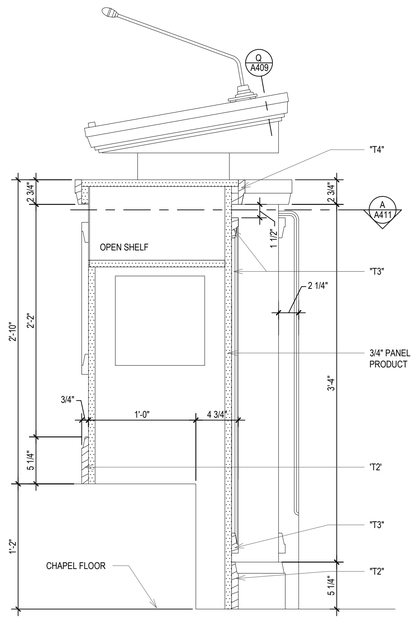

## PULPIT
1 1/2" = 1'-0"
B A411

## GENERAL NOTES

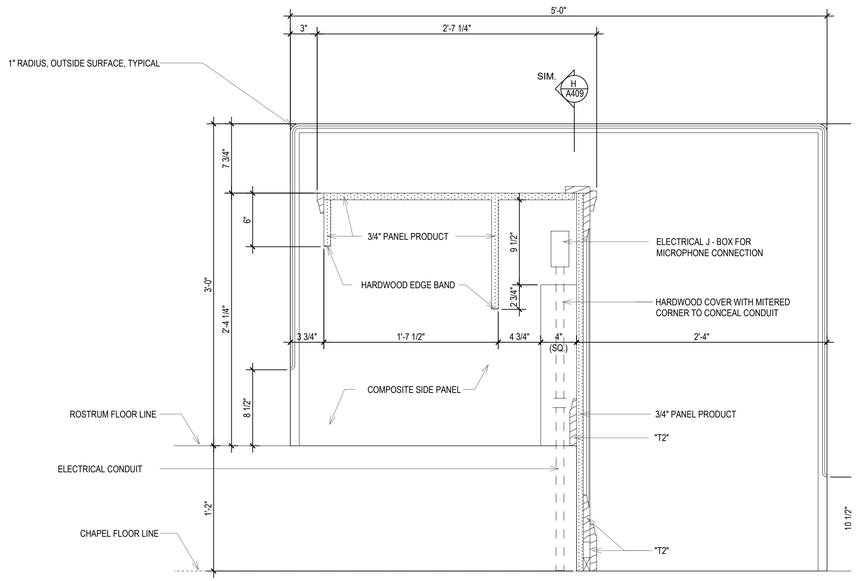
1. HARDWOOD TRIM DESIGNATIONS ( " T# " ) REFER TO A/A408.
2. VERIFY MANUFACTURER'S REQUIREMENTS FOR INSTALLATION OF ADJUSTABLE PULPIT MECHANISM (HEIGHT OF SHELF)



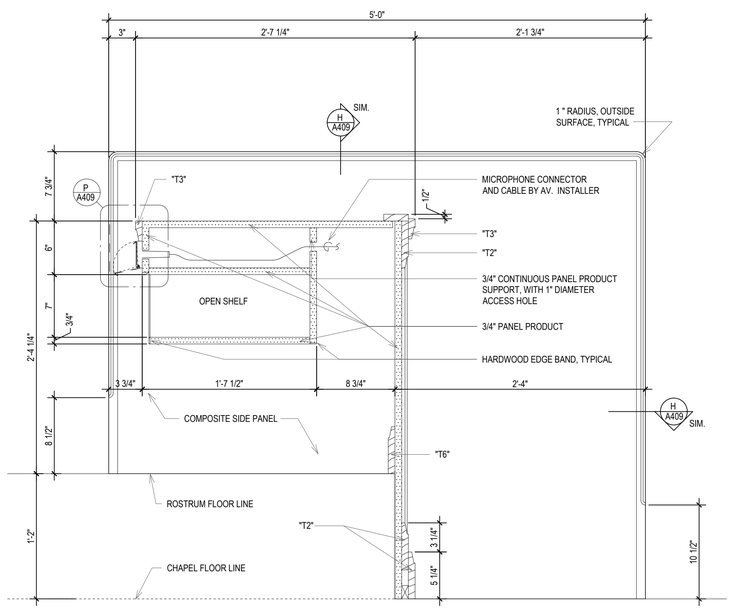

## MODESTY WALL
1 1/2" = 1'-0"
C A411




## PULPIT
1 1/2" = 1'-0"
D A411




## SACRAMENT TABLE
1 1/2" = 1'-0"
E A411




## SACRAMENT TABLE
1 1/2" = 1'-0"
F A411

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (d-m-y) | Description |
|---|---|---|
| | | |

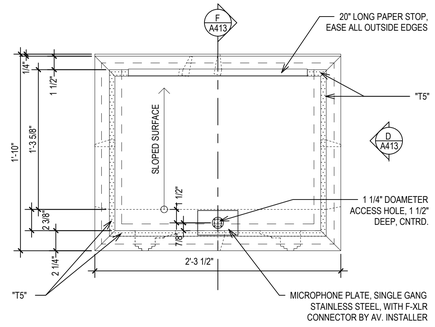
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ROSTRUM CASEWORK DETAILS

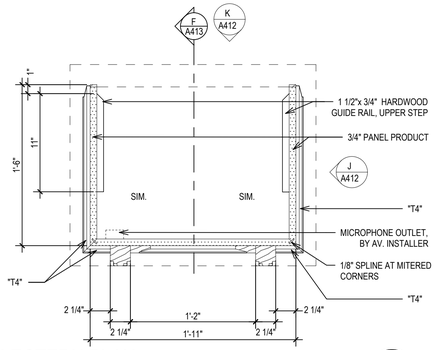
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A411

## GENERAL NOTES

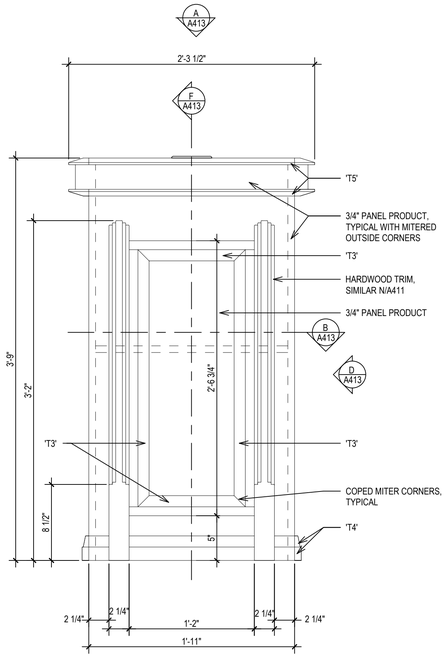
1. HARDWOOD TRIM DESIGNATIONS ("T#") REFER TO A/A408.



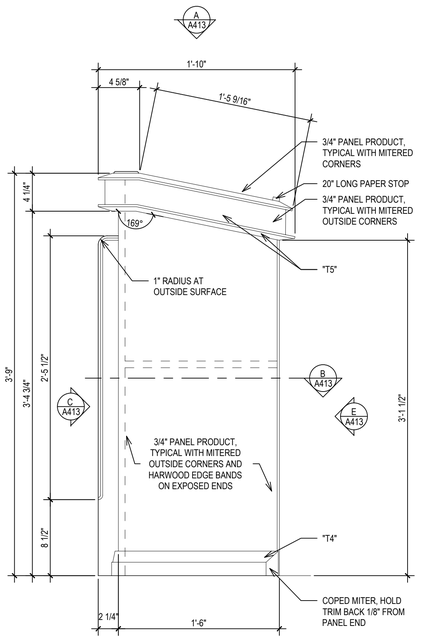

LECTERN TOP
1 1/2" = 1'-0"
A / A412



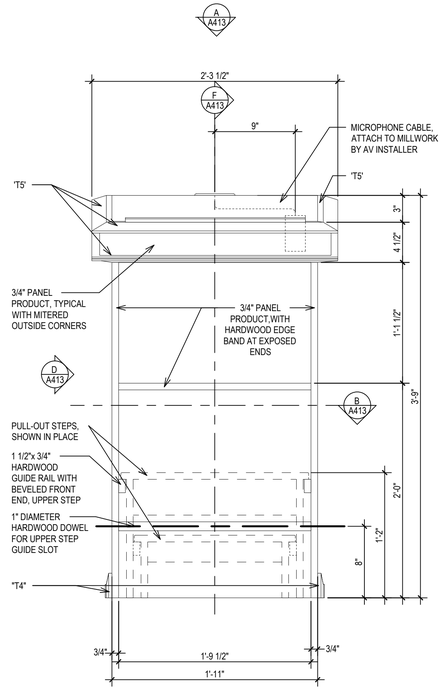

LECTERN PLAN
1 1/2" = 1'-0"
B / A412



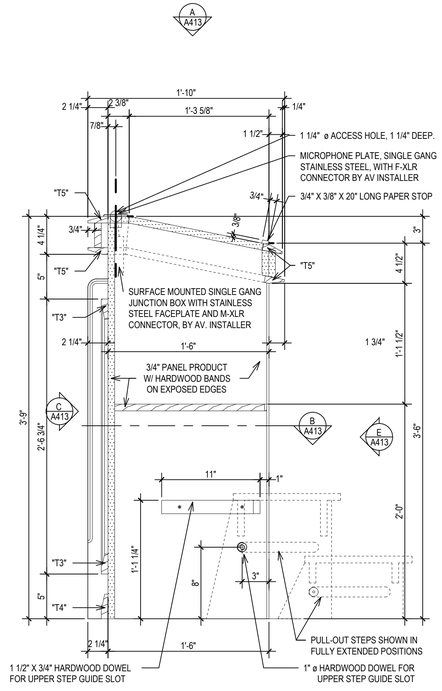

LECTERN FRONT
1 1/2" = 1'-0"
C / A412



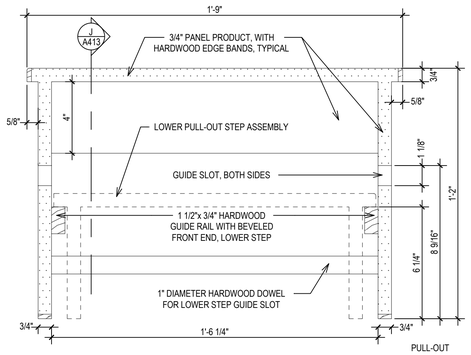

LECTERN SIDE
1 1/2" = 1'-0"
D / A412



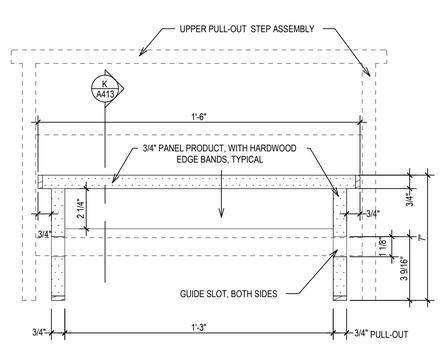

LECTERN REAR
1 1/2" = 1'-0"
E / A412



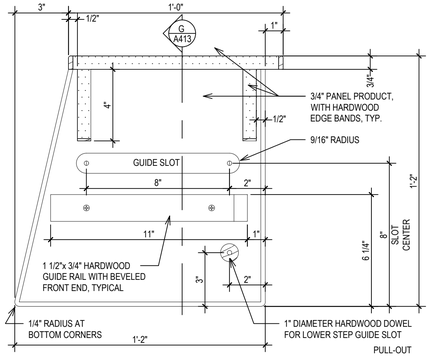

LECTERN SECTION
1 1/2" = 1'-0"
F / A412



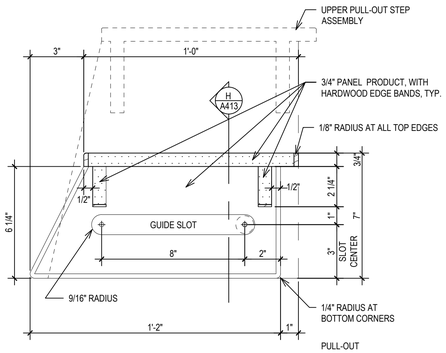

UPPER STEP SECTION
3" = 1'-0"
G / A412



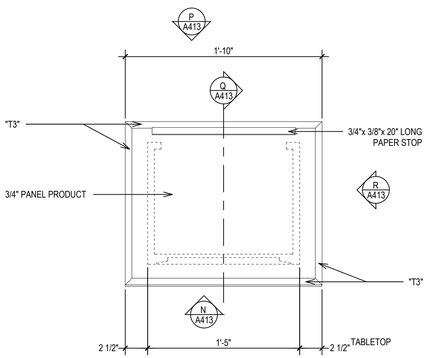

LOWER STEP SECTION
3" = 1'-0"
H / A412



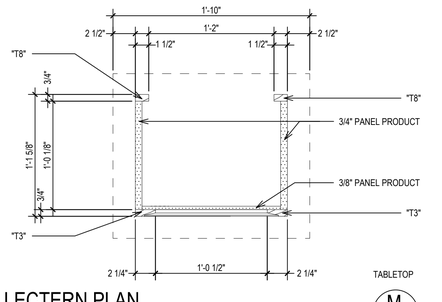

UPPER STEP SECTION
3" = 1'-0"
J / A412



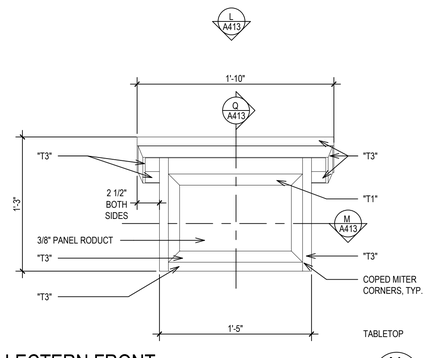

LOWER STEP SECTION
3" = 1'-0"
K / A412



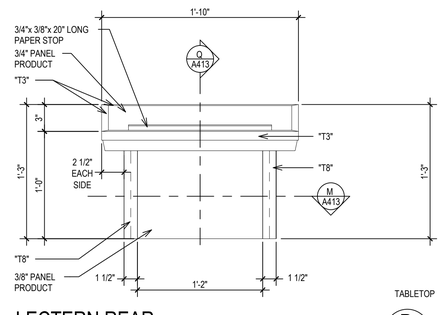

LECTERN TOP
1 1/2" = 1'-0"
L / A412



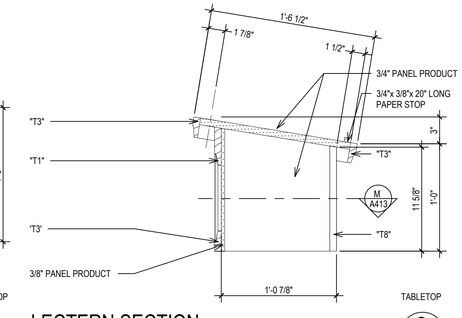

LECTERN PLAN
1 1/2" = 1'-0"
M / A412



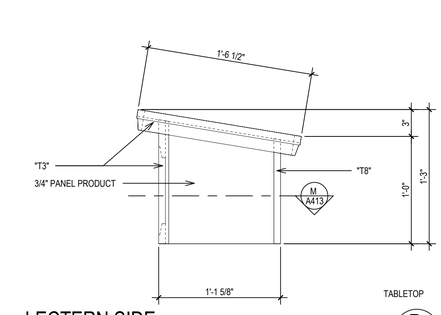

LECTERN FRONT
1 1/2" = 1'-0"
N / A412




LECTERN REAR
1 1/2" = 1'-0"
P / A412




LECTERN SECTION
1 1/2" = 1'-0"
Q / A412




LECTERN SIDE
1 1/2" = 1'-0"
R / A412

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LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

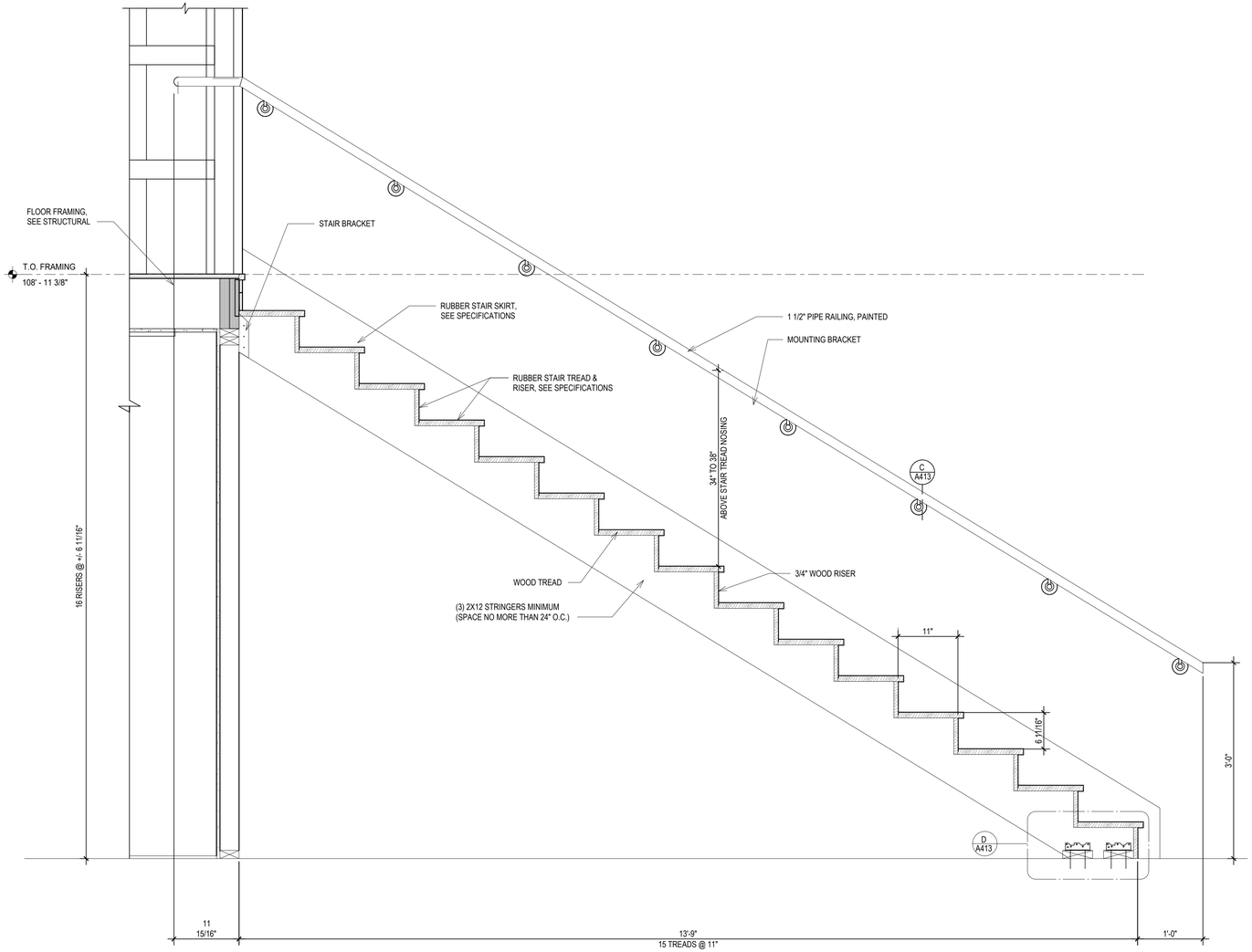
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
CHILDREN'S LECTERN CASEWORK TABLETOP LECTURN CASEWORK

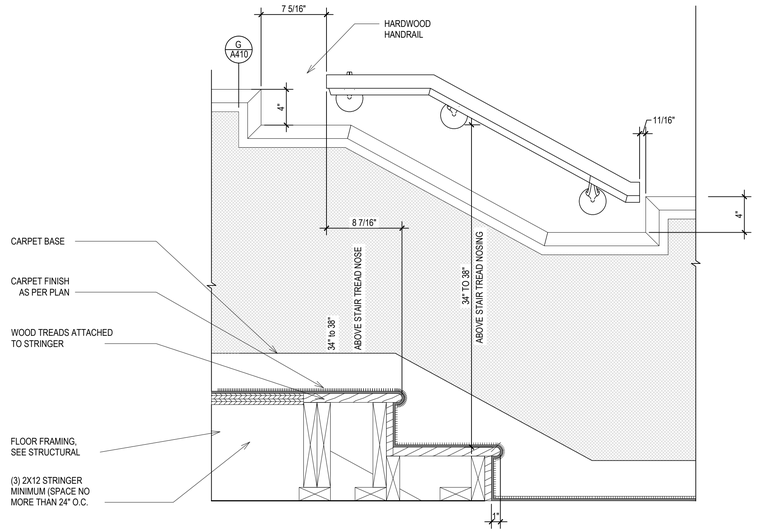
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## MEZZANINE STAIR SECTION

1" = 1'-0"

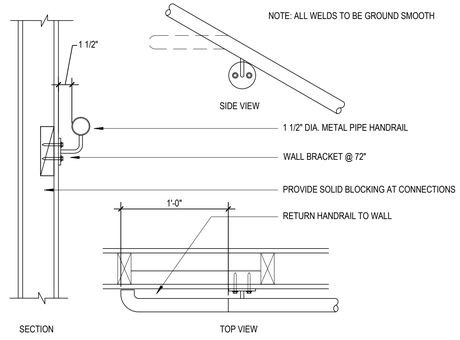
A A413




## PLATFORM STAIR SECTION

1 1/2" = 1'-0"

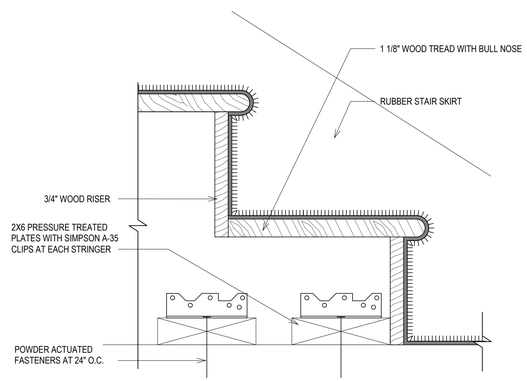
B A413




## HANDRAIL - METAL PIPE SECTION

1 1/2" = 1'-0"

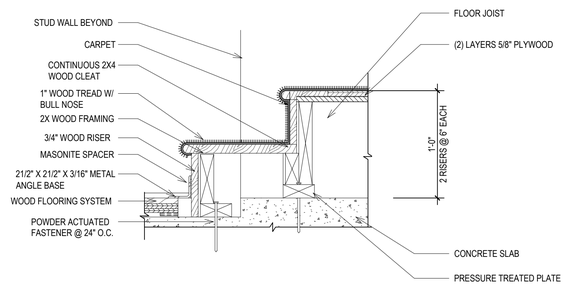
C A413




## STAIR BASE @ CONCRETE FLOOR

3" = 1'-0"

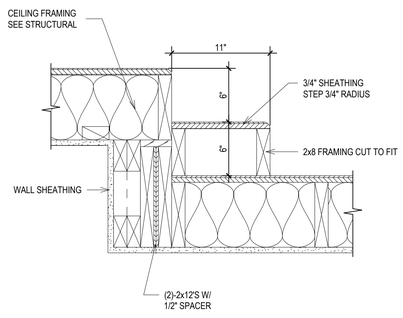
D A413




## STAIR SECTION - CULTURAL HALL

1 1/2" = 1'-0"

E A413




## EQUIPMENT PLATFORM STEP

1 1/2" = 1'-0"

F A413

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LONG VALLEY GRANGER 300 MEETINGHOUSE
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Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (d-mm-y) | Description |
|---|---|---|
| | | |

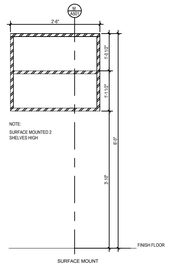
Project Number:
PCA-2610

Plan Series:
G-300-MH-11

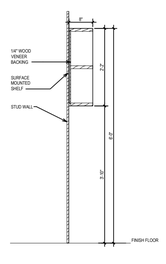
Property Number:
501-8721-26010101

Sheet Title:
STAIR SECTIONS

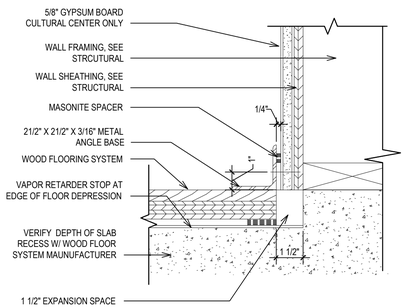
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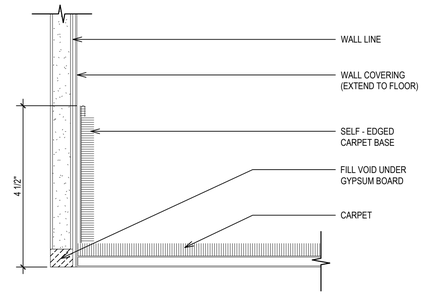

## SURFACE MOUNT HYMN BOOK STORAGE
A501
1/2" = 1'-0"



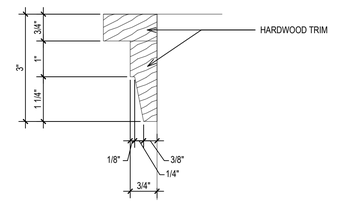

## SURFACE MOUNT HYMN BOOK STORAGE SECTION
B
A501
1/2" = 1'-0"



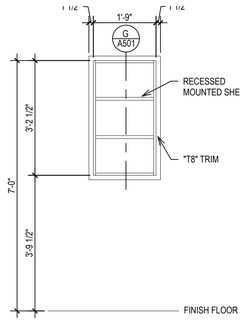

## METAL BASE DETAIL
C
A501
3" = 1'-0"



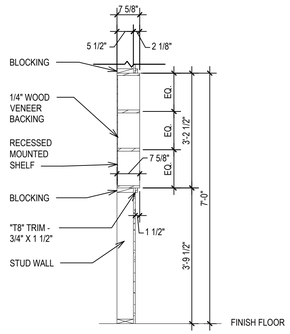

## CARPET BASE DETAIL
D
A501
6" = 1'-0"



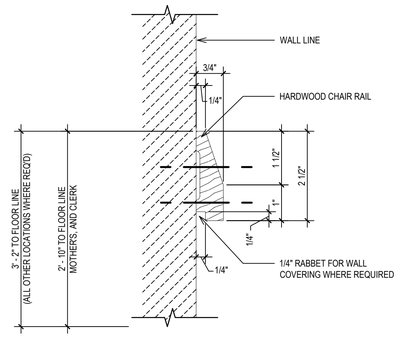

## WOOD TRIM DETAIL
E
A501
6" = 1'-0"



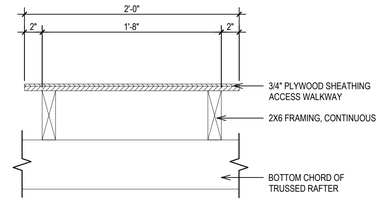

## HYMN CABINET - RECESSED
F
A501
1/2" = 1'-0"



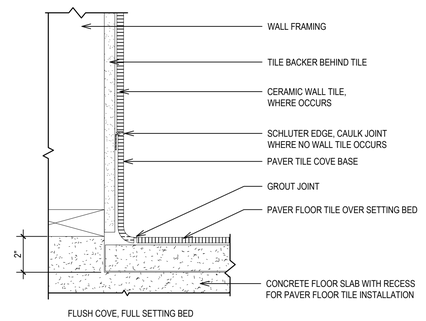

## RECESSED MOUNT HYMN BOOK
G
A501
1/2" = 1'-0"



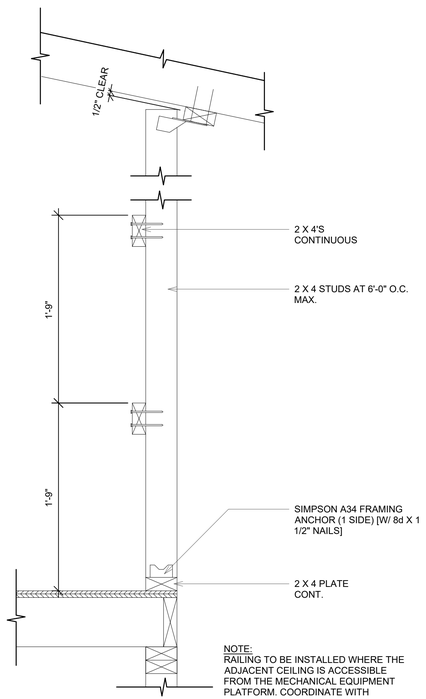

## CHAIR RAIL DETAIL
H
A501
6" = 1'-0"



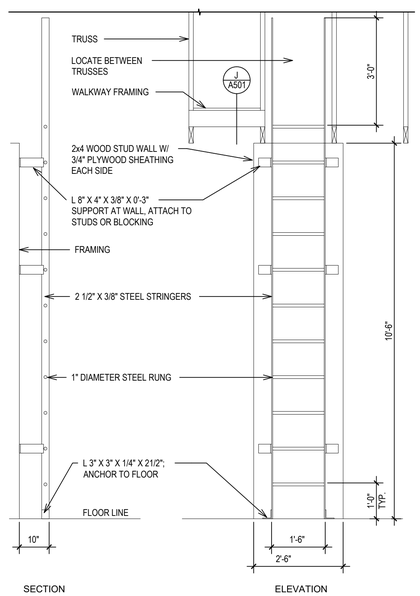

## ACCESS WALKWAY DETAIL
J
A501
1 1/2" = 1'-0"



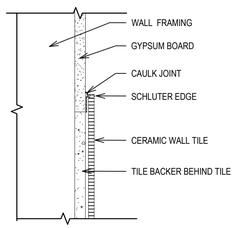

## PAVER TILE BASE
K
A501
3" = 1'-0"



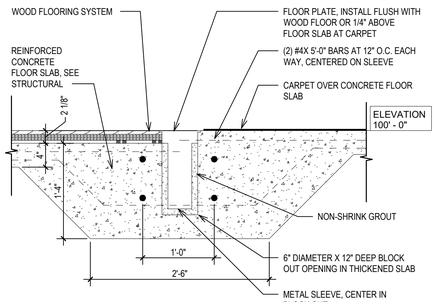

## ATTIC RAILING DETAIL
L
A501
1 1/2" = 1'-0"



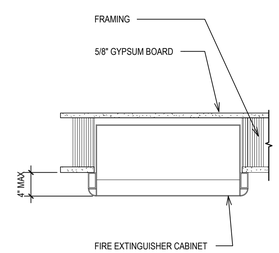

## LADDER DETAIL
M
A501
1/2" = 1'-0"



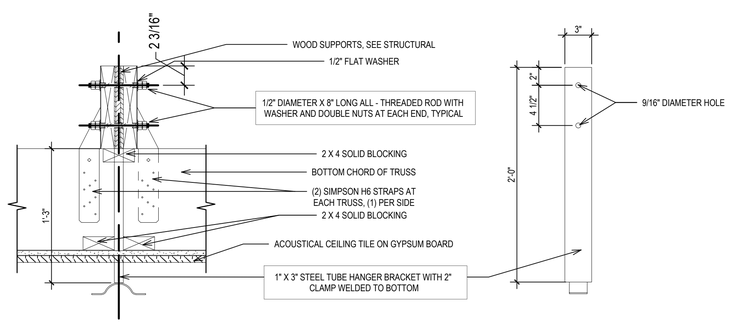

## WALL TILE EDGE
N
A501
3" = 1'-0"




## VOLLEYBALL POST SLEEVE
P
A501
1" = 1'-0"

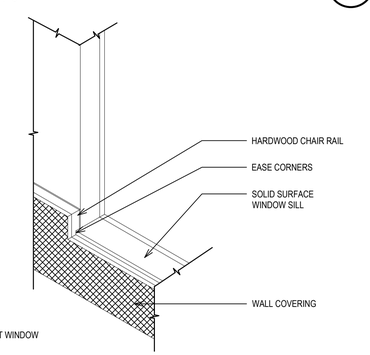



## FIRE EXTINGUISHER CABINET
Q
A501
1 1/2" = 1'-0"




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

## BASKETBALL STANDARD MOUNTING
R
A501
1 1/2" = 1'-0"




## CHAIR RAIL
S
A501
3/4" = 1'-0"

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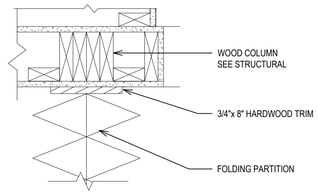
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

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Project Number:
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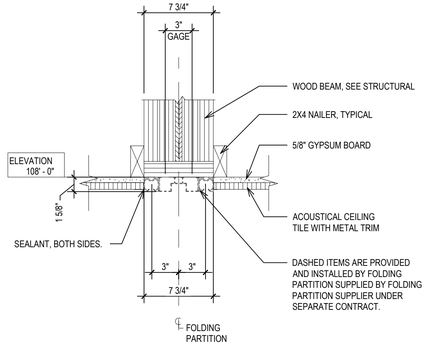
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ARCHITECTURE DETAILS

Sheet:
A501



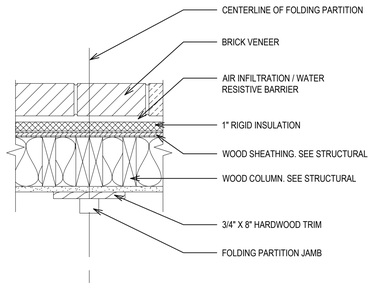

## FOLDING PARTITION - JAMB DETAIL
A502

1 1/2" = 1'-0"



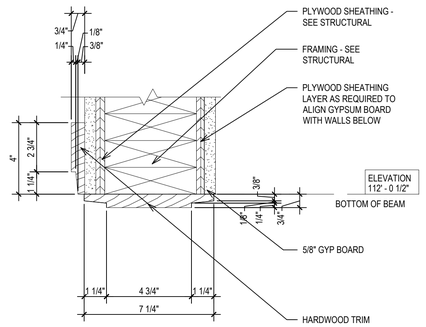

## FOLDING PARTITION - HEAD DETAIL
B
A502

1 1/2" = 1'-0"



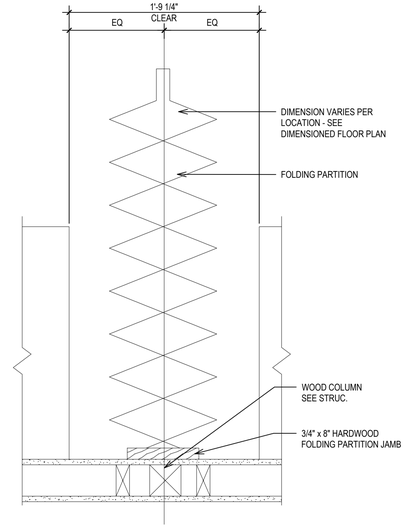

## FOLDING PARTITION - JAMB @ EXTERIOR
C
A502

1 1/2" = 1'-0"



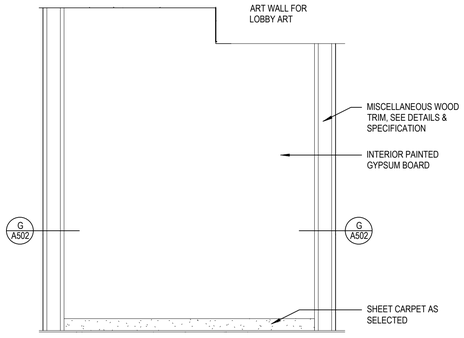

## TRIM AT PLATFORM HEADER
D
A502

3" = 1'-0"



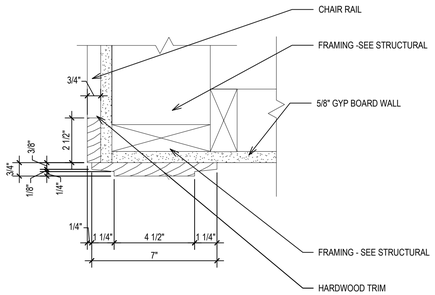

## FOLDING PARTITION JAMB
E
A502

1 1/2" = 1'-0"




## ART WALL
F
A502

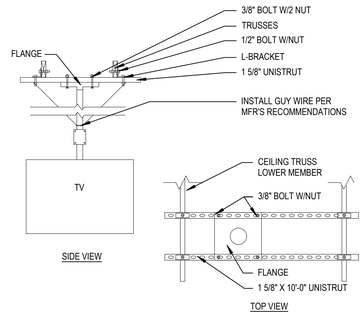
1/2" = 1'-0"




## TRIM AT ART WALL
G
A502

3" = 1'-0"

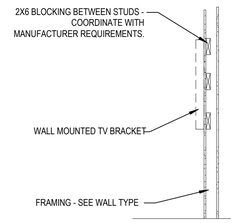
NOTE: COORDINATE POWER AND MOUNTING TYPE WITH PROJECT MANGER




## CEILING MOUNTED TV DETAIL
H
A502

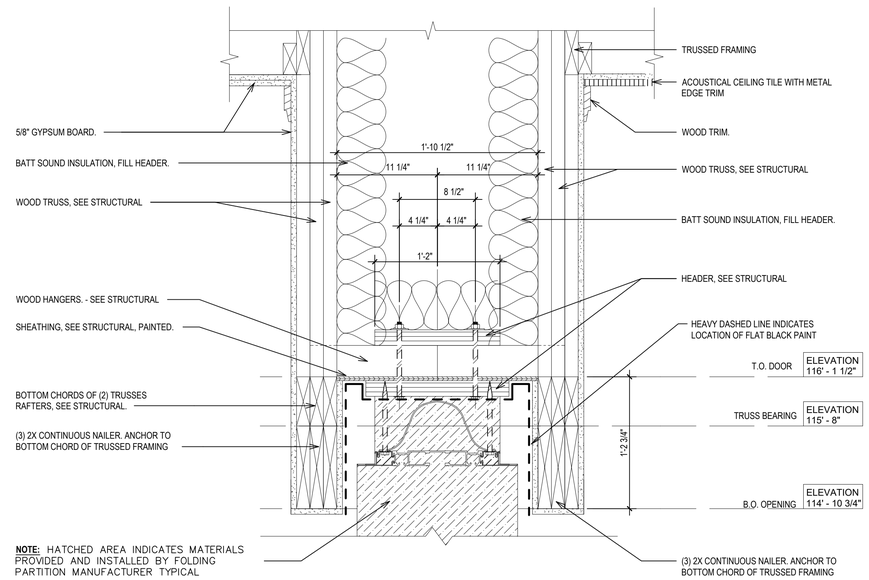
1/2" = 1'-0"

NOTE: COORDINATE POWER AND MOUNTING TYPE WITH PROJECT MANGER



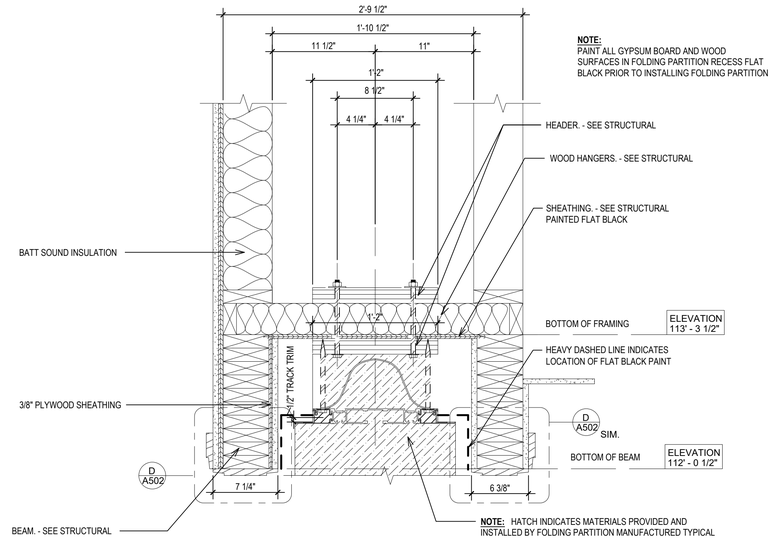

## WALL MOUNTED TV DETAIL
I
A502

1/2" = 1'-0"




## FOLDING PARTITION - HEAD
J
A502

1 1/2" = 1'-0"




## FOLDING PARTITION - HEAD - PLATFORM
K
A502

1 1/2" = 1'-0"

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-8579

Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

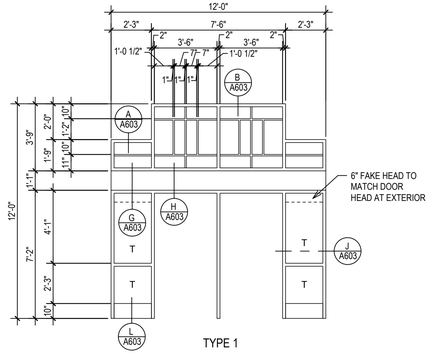
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

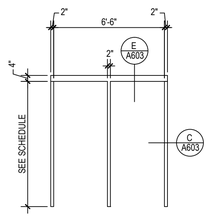
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ARCHITECTURE
DETAILS

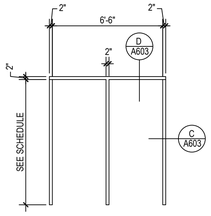
Sheet:
A502



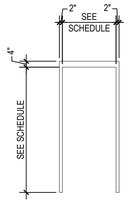

TYPE 1



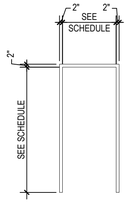

TYPE 2



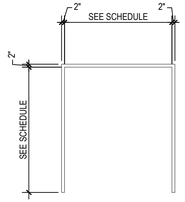

TYPE 3




TYPE 4




TYPE 5

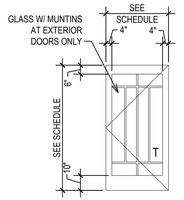



TYPE 6

## FRAME TYPES

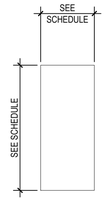
1/4" = 1'-0"

A A601



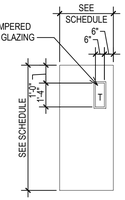

ALUMINUM DOOR

A



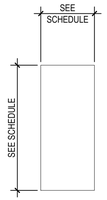

SOLID CORE WOOD DOOR

W



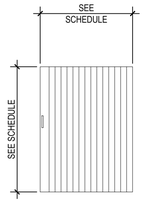

SOLID CORE WOOD DOOR

G




METAL DOOR

M




FOLDIING PARTITION

P

## DOOR TYPES

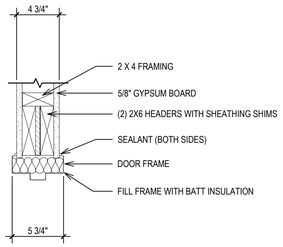
1/4" = 1'-0"

## DOOR SCHEDULE

| MARK | DOOR ROOM NUMBER | DOOR TYPE | DOOR SINGLE/PAIR | DOOR WIDTH | DOOR HEIGHT | DOOR THICKNESS | FRAME TYP | FRAME DETAIL HEAD | FRAME DETAIL JAMB | FRAME DETAIL THRESHOLD | HARDWARE GROUP | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 101 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | C/A601 | L/A604 | K/A604 | 26 | | |
| 102 | 102 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | K/A604 | 26 | | |
| 103 | 103 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | K/A604 | 26 | | |
| 105 | 105 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | C/A601 | L/A604 | K/A604 | 26 | | |
| 106 | 106 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | K/A604 | 20 | | |
| 107A | 107 | A | P | 3' - 6" | 7' - 0" | 1 3/4" | 1 | G/A603 | J/A603 | G/A604 | ST1A, ST2 | | LOW ENERGY DOOR OPENER |
| 107B | 107 | A | P | 3' - 6" | 7' - 0" | 1 3/4" | 1 | H/A603 | F/A603 | K/A604 SIM | ST3A, ST3 | | LOW ENERGY DOOR OPENER |
| 109 | 109 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | - | 20 | | |
| 110 | 110 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | J/A604 | 20 | | |
| 111 | 111 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 112 | 112 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 113 | 113 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 114 | 114 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 116 | 116 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 117 | 117 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 118A | 118 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 30 | | |
| 118B | 118 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 30 | | |
| 119A | 119 | A | P | 3' - 0" | 7' - 0" | 1 3/4" | 2 | E/A603 | C/A603 | G/A604 | ST2 | | |
| 119B | 119 | A | P | 3' - 0" | 7' - 0" | 1 3/4" | 3 | D/A603 | K/A603 | K/A604 SIM | ST3 | | |
| 120 | 120 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 121 | 121 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 26 | | |
| 122 | 122 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | F/A601 | J/A601 | H/A604 | 32 | | |
| 124 | 124 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 125A | 125 | A | P | 3' - 0" | 7' - 0" | 1 3/4" | 2 | E/A603 | C/A603 | G/A604 | ST2 | | |
| 125B | 125 | A | P | 3' - 0" | 7' - 0" | 1 3/4" | 3 | D/A603 | K/A603 | K/A604 SIM | ST3 | | |
| 126A | 126 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 30 | | |
| 126B | 126 | G | S | 3' - 6" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 30 | | |
| 127A | 127 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 127B | 127 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | K/A604 | 26 | | |
| 128 | 128 | M | S | 3' - 0" | 7' - 0" | 1 3/4" | 4 | G/A601 | F/A604 | G/A604 | 3 | | |
| 130A | 130 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | J/A604 | 20 | | |
| 130B | 130 | A | S | 3' - 0" | 7' - 0" | 1 3/4" | 4 | N/A603 | F/A604 SIM | G/A604 | ST1 | | |
| 130C | 130 | W | P | 3' - 0" | 7' - 0" | 1 3/4" | 6 | E/A601 | H/A601 | J/A604 | 51 | | |
| 132 | 132 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 133 | 133 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 134 | 134 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 20 | | |
| 135 | 135 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | K/A604 | 28A | | |
| 136 | 136 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | - | 23 | | |
| 138A | 138 | A | P | 3' - 6" | 7' - 0" | 1 3/4" | 1 | G/A603 | J/A603 | G/A604 | ST2 | | |
| 138B | 138 | A | P | 3' - 6" | 7' - 0" | 1 3/4" | 1 | H/A603 | F/A603 | K/A604 SIM | ST3 | | |
| 139 | 139 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | B/A601 | K/A601 | K/A604 | 20 | | |
| 140 | 140 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | C/A601 | L/A604 | K/A604 | 26 | | |
| 142 | 142 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | C/A601 | L/A604 | K/A604 | 26 | | |
| 143 | 143 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | K/A604 | 26 | | |
| 144 | 144 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | K/A604 | 26 | | |
| 148A | 148 | W | P | 3' - 0" | 7' - 0" | 1 3/4" | 6 | E/A601 | H/A601 | - | 52 | | |
| 148B | 148 | W | P | 3' - 0" | 7' - 0" | 1 3/4" | 6 | E/A601 | H/A601 | - | 52 | | |
| 148C | 148 | M | S | 3' - 0" | 7' - 0" | 1 3/4" | 4 | G/A601 | F/A604 | G/A604 | 3 | | EXIT ONLY |
| 148D | 148 | M | S | 3' - 0" | 7' - 0" | 1 3/4" | 4 | G/A601 | F/A604 | G/A604 | 3 | | EXIT ONLY |
| 149A | 149 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | P/A604 | E/A604 | M/A604 | 30 | | |
| 149B | 149 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | P/A604 | E/A604 | M/A604 | 30 | | |
| 149C | 149 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | P/A604 | E/A604 | M/A604 | 30 | | |
| 149D | 149 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | P/A604 | E/A604 | M/A604 | 30 | | |
| 150A | 150 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | P/A604 | E/A604 | M/A604 | 30 | | |
| 150B | 150 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | P/A604 | E/A604 | M/A604 | 30 | | |
| 151 | 151 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | P/A604 | E/A604 | M/A604 | 23 | | |
| 152 | 152 | W | P | 3' - 6" | 7' - 0" | 1 3/4" | 6 | P/A604 SIM | E/A604 SIM | M/A604 | 51 | | |
| 153 | 153 | G | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | - | 20 | | |
| 154A | 154 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | | 28 | | |
| 154B | 154 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | P/A604 | E/A604 | M/A604 | 30 | | |
| 155 | 155 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | H/A604 | 28 | | |
| 156 | 156 | W | S | 3' - 0" | 7' - 0" | 1 3/4" | 5 | E/A601 | H/A601 | H/A604 | 28 | | |
| FOLDING PARTITIONS | | | | | | | | | | | | | |
| P1 | 148 | P | P | 45'-0" | 16' - 0" | - | - | J/A502 | E/A502 | N/A604 | - | | FOLDING PARTITION |
| P2 | 150 | P | P | 45'-0" | 16' - 0" | - | - | J/A502 | E/A502 | - | - | | FOLDING PARTITION |
| P3 | 153 | P | P | 26' -10" | 13'-4" | - | - | K/A502 | E/A402 | - | - | | FOLDING PARTITION |
| P4 | 132 | P | S | 20' - 0" | 8' - 0" | - | - | B/A502 | A/A502 C/A502 | - | - | | FOLDING PARTITION |
| P5 | 133 | P | S | 20' - 0" | 8' - 0" | - | - | B/A502 | A/A502 C/A502 | - | - | | FOLDING PARTITION |
| STORAGE BUILDING | | | | | | | | | | | | | |
| 301A | 301 | M | S | 3' - 0" | 7' - 0" | 1 3/4" | 4 | E/A701 | F/A701 | G/A604 | 1 | | |
| 302A | 302 | M | S | 3' - 0" | 7' - 0" | 1 3/4" | 4 | E/A701 | F/A701 | G/A604 | 1 | | |
| 303A | 303 | M | S | 3' - 0" | 7' - 0" | 1 3/4" | 4 | E/A701 | F/A701 | G/A604 | 1 | | |
| 304A | 304 | M | S | 3' - 0" | 7' - 0" | 1 3/4" | 4 | E/A701 | F/A701 | G/A604 | 1 | | |
| 305A | 305 | M | S | 3' - 6" | 7' - 0" | 1 3/4" | 4 | E/A701 | F/A701 | G/A604 | 1 | | |

## DOOR AND HARDWARE NOTES:

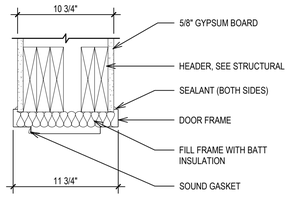
1. APPLY ASTRAGAL ON DOOR SIDE OPPOSITE DIRECTION OF SWING.
2. THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS SHALL NOT EXCEED 5-POUNDS. ALL OTHER SWINGING DOORS, LATCH SHALL RELEASE WHEN SUBJECTED TO A 15-POUND FORCE. THE DOOR SHALL BE SET IN MOTION WHEN SUBJECTED TO A 30-POUND FORCE. THE DOOR SHALL SWING TO A FULL-OPEN POSITION WHEN SUBJECT TO A 15-POUND FORCE.
3. DUE TO MULTIPLE USE, SOME DETAILS REFERENCED FROM DOOR SCHEDULE ARE REVERSED AND/OR TURNED FROM DIRECTION SHOWN ON FLOOR PLAN. GENERAL INTENT OF DETAILS SHALL IN ALL CASES BE FOLLOWED AND ARCHITECT CONSULTED SHOULD QUESTIONS ARISE.
4. DOORS TO BE HUNG TO CLEAR FINISHED FLOOR SURFACE BY 1/2".
5. THROAT OF HOLLOW METAL DOOR FRAMES SHALL BE 1/8" WIDER THAN WALL THICKNESS.
6. DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE, SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.
7. DOOR OPERATING DEVICES SHALL BE MOUNTED 34" MIN. AND 48" MAX. ABOVE FINISH FLOOR LEVEL.
8. NO INTERIOR DOORS SERVING A OCCUPANT LOAD OF 50 OR MORE HAVE LATCHES OR LOCKS. THEREFORE, PUSH PULLS CAN BE USED INSTEAD OF PANIC HARDWARE.
9. ALL EXTERIOR STOREFRONT EXIT DOORS SHALL BE EQUIPPED WITH PANIC HARDWARE.




## DOOR HEAD - 2X4 WALL

1 1/2" = 1'-0"

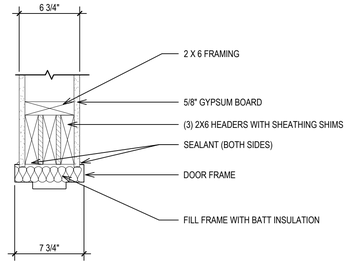
B A601




## DOOR HEAD - SOUND RATED WALL

1 1/2" = 1'-0"

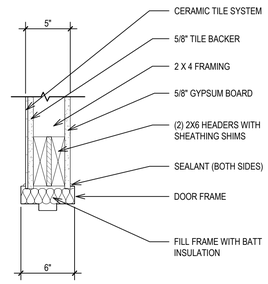
C A601




## DOOR HEAD - 2X6 WALL

1 1/2" = 1'-0"

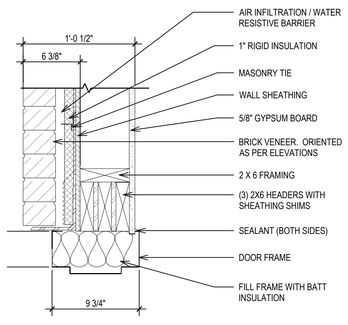
E A601




## DOOR HEAD - 2X4 WALL - CERAMIC TILE

1 1/2" = 1'-0"

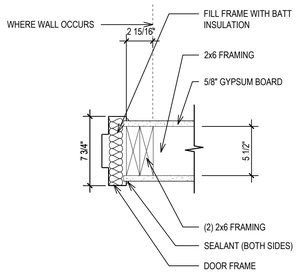
F A601




## DOOR HEAD @ BRICK

1 1/2" = 1'-0"

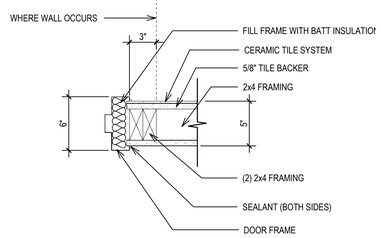
G A601




## DOOR JAMB - 2X6 WALL

1 1/2" = 1'-0"

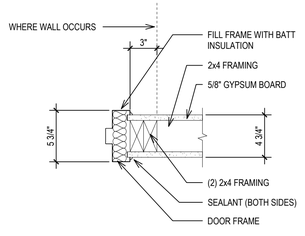
H A601




## DOOR JAMB - 2X4 WALL - CERAMIC TILE

1 1/2" = 1'-0"

J A601




## DOOR JAMB - 2X4 WALL

1 1/2" = 1'-0"

K A601


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579


Release Date: 27-OCT-2026

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: DOOR SCHEDULE & DETAILS

Sheet: A601

F. Group 30:
1. 1 set: Silencers.
2. 1 each: Closer with hold open function.
3. 3 each: Hinges.
4. 1 each: Kick Plate.
5. 1 each: Pull.
6. 1 each: Push.
7. 1 each: Stop.

G. Group 32:
1. 1 set: Silencers.
2. 1 each: Closer.
3. 3 each: Hinges.
4. 1 each: Lockset, Function F76.
5. 1 each: Stop.

H. Group 36:
1. 1 set: Silencers.
2. 1 each: Deadbolt Function E2152 (upper leaf).
3. 4 each: Hinges.
4. 1 each: Kick Plate.
5. 1 each: Lockset Function F109.
6. 1 each: Stop.

I. Group 51:
1. General:
   a. 1 set: Silencers.
2. Active Leaf:
   a. 3 each: Hinges.
   b. 1 each: Lockset Function F75.
   c. 1 each: Stop.
3. Inactive Leaf:
   a. 1 each: Surface Bolt.
   b. 3 each: Hinges.
   c. 1 each: Astragal
   d. 1 each: Stop.

J. Group 52:
1. General:
   a. 1 set: Silencers.
2. Active Leaf:
   a. 1 each: Closer with hold open function.
   b. 3 each: Hinges.
   c. 1 each: Pull.
   d. 1 each: Push.
   e. 1 each: Kick Plate.
   f. 1 each: Stop.
3. Inactive Leaf:
   a. 1 each: Closer with hold open function.
   b. 3 each: Hinges.
   c. 1 each: Kick Plate.
   d. 1 each: Pull.
   e. 1 each: Push.
   f. 1 each: Stop.

**2.02 EXTERIOR DOORS**

A. Group 1:
1. 3 each: Hinges.
2. 1 set: Weatherstrip.
3. 1 each: Threshold.
4. 1 each: Deadbolt, Function E2152.
5. 1 each: Lockset Function F86.
6. 1 each: Stop.

A. Group 3
1. 3 each: Hinges.
2. 1 set: Weatherstrip.
3. 1 each: Threshold.
4. 1 each: Closer.
5. 1 each: Lockset Function F86 (with Vandleguard clutch).
6. 1 each: Stop.
   1 each: Latch Guard

**2.03 INTERIOR DOORS**

A. Group 20:
1. 1 set: Silencers.
2. 3 each: Hinges.
3. 1 each: Threshold.
4. 1 each: Latchset Function F75.
5. 1 each: Stop.

B. Group 23:
1. 1 set: Silencers.
2. 3 each: Hinges.
3. 1 each: Lockset Function F86.
4. 1 each: Stop.

C. Group 26:
1. 1 set: Smoke Gaskets.
2. 3 each: Hinges.
3. 1 each: Threshold.
4. 1 each: Acoustic Seal.
5. 1 each: Lockset Function F109.
6. 1 each: Stop.

D. Group 28:
1. 1 set: Silencers.
2. 1 each: Closer.
3. 3 each: Hinges.
4. 1 each: Kick Plate.
5. 1 each: Pull.
6. 1 each: Push.
7. 1 each: Stop.

E. Group 28A:
1. 1 set: Smoke Gaskets.
2. 1 each: Threshold.
3. 1 each: Acoustic Seal.
4. 1 each: Closer.
5. 3 each: Hinges.
6. 1 each: Latchset, Function F75.
7. 1 each: Stop.

## DOOR HARDWARE GROUPS

**2.01 STOREFRONT ENTRY DOORS**

A. Group ST1:
1. 1 set: Continuous Geared Hinge.
2. 1 set: Weatherstrip.
3. 1 each: Threshold.
4. 1 each leaf: Closer with integral stop.
5. 1 each leaf: Exit Device with dogging capability and locking cylinder.
6. 1 each leaf: Pull.
7. 1 each leaf: Stop.
8. 1 each leaf: Kick Plate.

B. Group ST1A:
1. 1 set: Continuous Geared Hinge.
2. 1 set: Weatherstrip.
3. 1 each: Threshold.
4. 1 each leaf: Closer with integral stop.
5. 1 each leaf: Exit Device with dogging capability.
6. 1 each leaf: Kick Plate.
7. 1 each leaf: Low-Energy Swing Door Operator.
8. 1 each leaf: Pull.
9. 1 each leaf: Stop.

C. Group ST2:
1. 1 set: Continuous Geared Hinge.
2. 1 set: Weatherstrip.
3. 1 each: Threshold.
4. 1 each: Closer with integral stop.
5. 1 each leaf: Exit Device with dogging capability.
6. 1 each leaf: Kick Plate.
7. 1 each leaf: Pull.
8. 1 each leaf: Stop.

D. Group ST3:
1. 1 set: Continuous Geared Hinge.
2. 1 set: Weatherstrip.
3. 1 each: Threshold.
4. 1 each leaf: Closer with integral stop.
5. 1 each leaf: Kick Plate.
6. 1 each leaf: Pull.
7. 1 each leaf: Push.
8. 1 each leaf: Stop.

E. Group ST3A:
1. 1 set: Continuous Geared Hinge.
2. 1 set: Weatherstrip.
3. 1 each: Threshold.
4. 1 each leaf: Closer with integral stop.
5. 1 each leaf: Kick Plate.
6. 1 each leaf: Low-Energy Swing Door Operator.
7. 1 each leaf: Pull.
8. 1 each leaf: Push.
9. 1 each leaf: Stop.

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

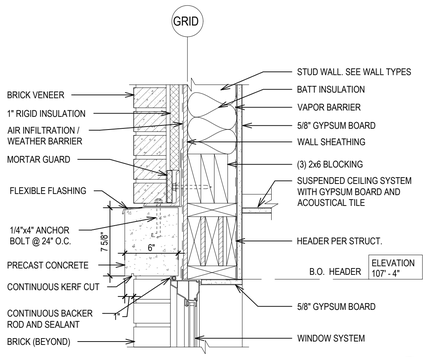
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date | Description |
|---|---|---|
| | - - - - - - - - - - | - - - - - - - - - - |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

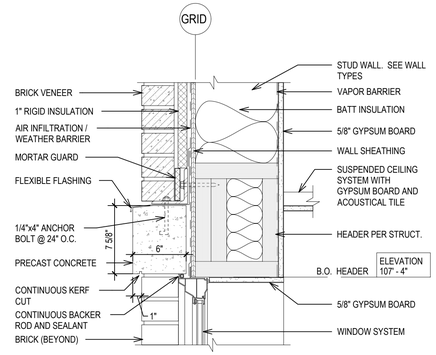
Sheet Title:
DOOR
HARDWARE
GROUPS

Sheet:
A601a



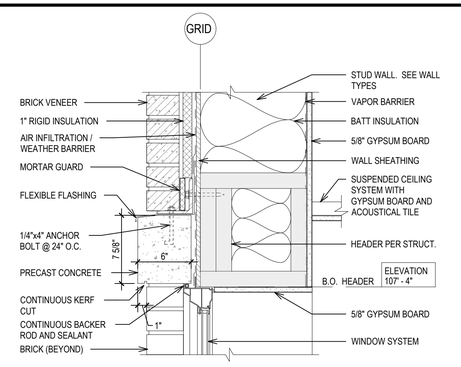

## WINDOW HEAD @ 2x6 STUD (A)

1 1/2" = 1'-0" — A602



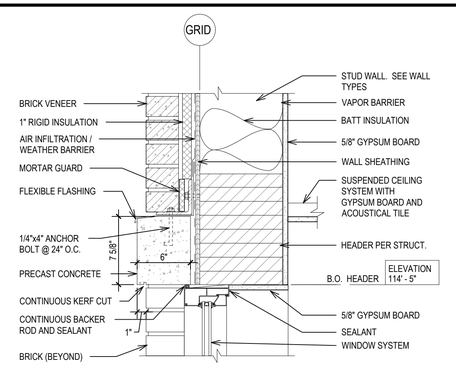

## WINDOW HEAD @ 2x10 STUD (B)

1 1/2" = 1'-0" — A602



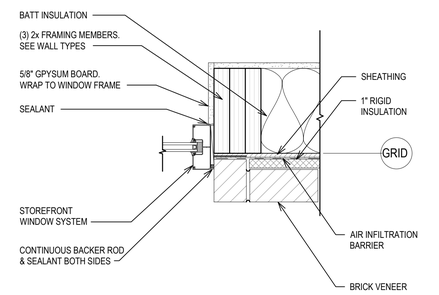

## WINDOW HEAD @ 2X12 STUD (C)

1 1/2" = 1'-0" — A602



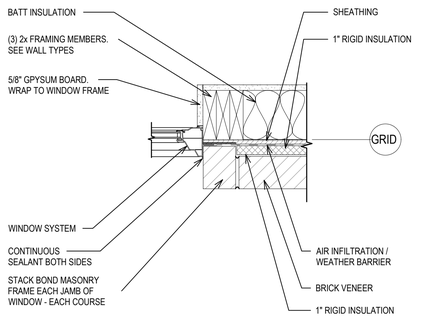

## WINDOW HEAD - STOREFRONT (D)

1 1/2" = 1'-0" — A602



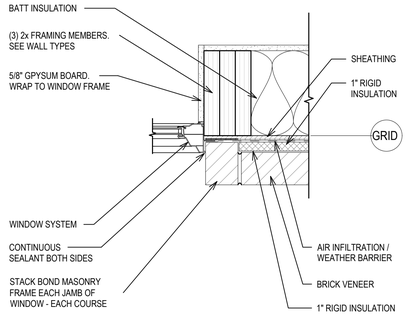

## WINDOW JAMB - STOREFRONT (E)

1 1/2" = 1'-0" — A602



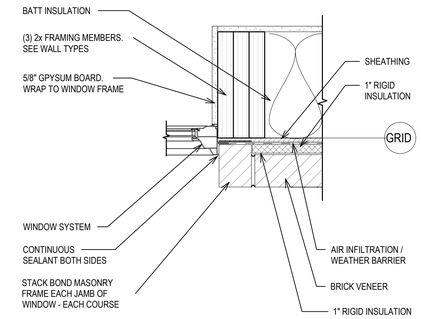

## WINDOW JAMB - 2X6 STUD (F)

1 1/2" = 1'-0" — A602




## WINDOW JAMB - 2X10 STUD (G)

1 1/2" = 1'-0" — A602

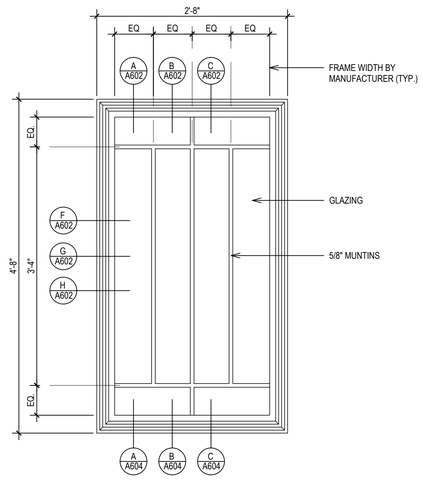



## WINDOW JAMB - 2X12 STUD (H)

1 1/2" = 1'-0" — A602

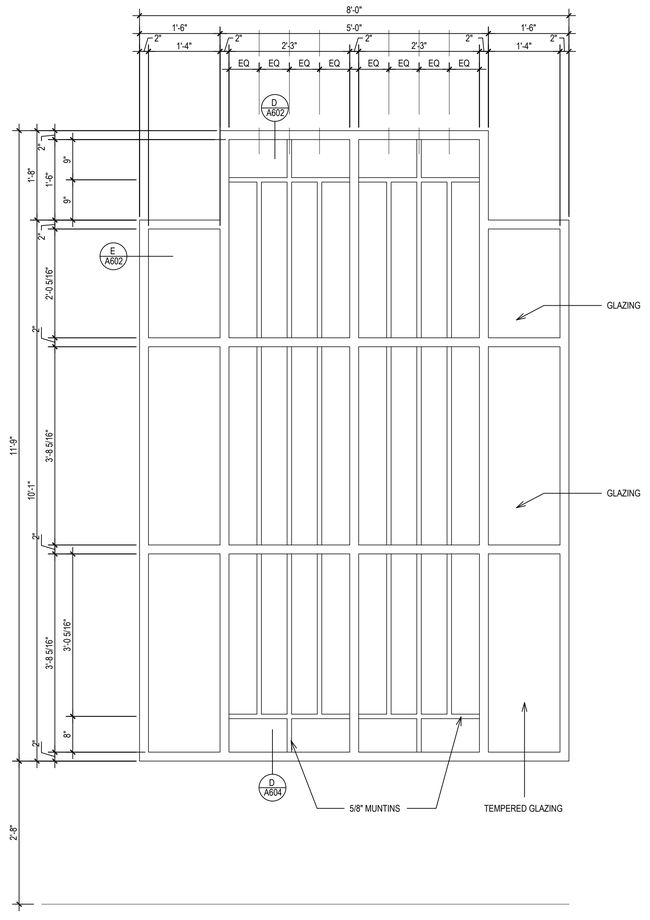
### WINDOW SCHEDULE

| MARK | QUANTITY | SIZE | FRAME TYPE | U-FACTOR | SHGC | TEMPERED GLAZING |
|---|---|---|---|---|---|---|
| A | 33 | 2'-8" x 4'-8" | ALUM | 0.65 | 0.25 | TEMPERED GLAZING IN ROOM 127 ONLY |
| B | 2 | 8'-0" x 11'-9" | ALUM | 0.65 | 0.25 | TEMPERED GLAZING BOTTOM 3'-10" SEE K/A602 |
| C | 2 | 2'-8" x 11'-9" | ALUM | 0.65 | 0.25 | TEMPERED GLAZING BOTTOM 3'-10" SEE L/A602 |



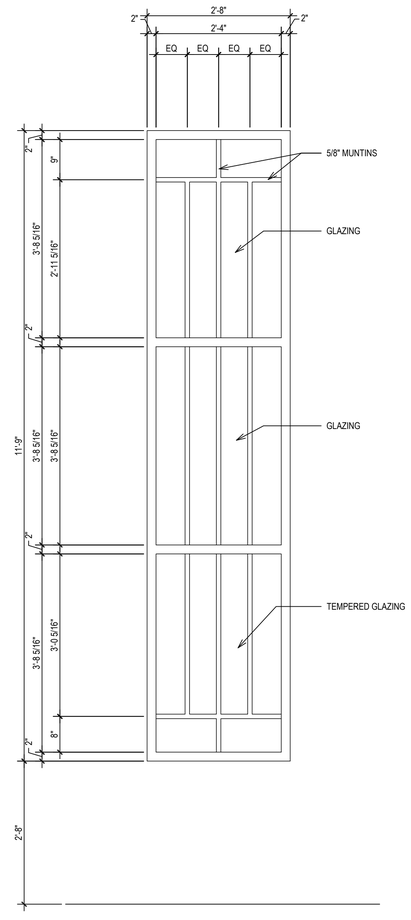

## WINDOW TYPE A (J)

1" = 1'-0" — A602




## WINDOW TYPE B (K)

3/4" = 1'-0" — A602




## WINDOW TYPE C (L)

3/4" = 1'-0" — A602

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Release Date: 27-OCT-2026

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

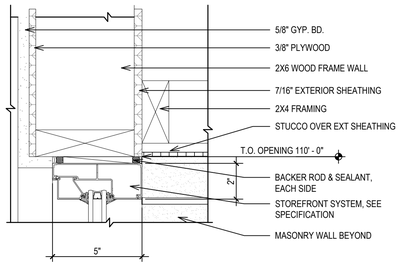
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

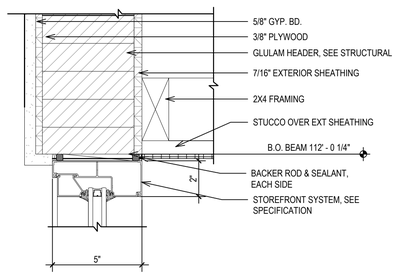
Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: WINDOW DETAILS

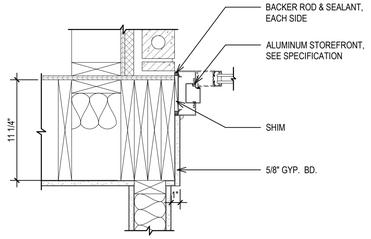
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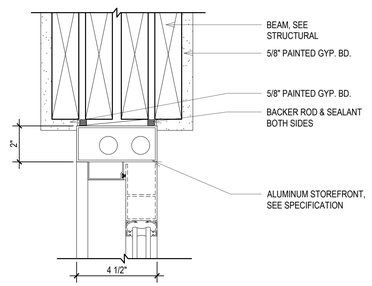

## STOREFRONT HEAD DETAIL
3" = 1'-0"
A603



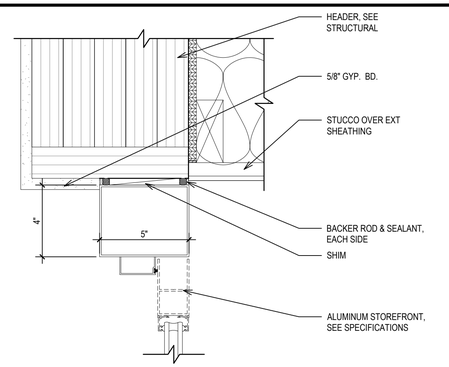

## STOREFRONT HEAD @ BEAM
3" = 1'-0"
A603



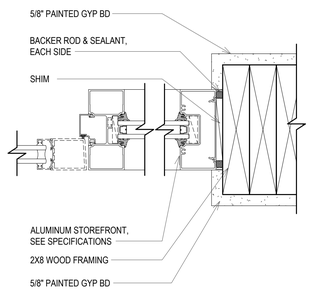

## STOREFRONT - EXT DOOR JAMB
1 1/2" = 1'-0"
C
A603



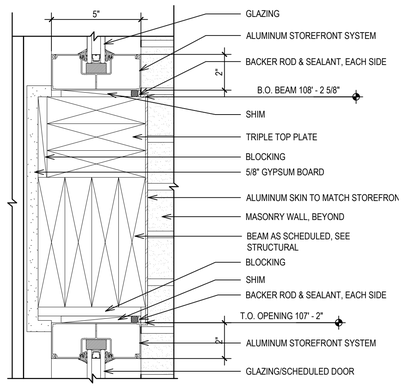

## STOREFRONT - DOOR - INTERIOR
3" = 1'-0"
D
A603



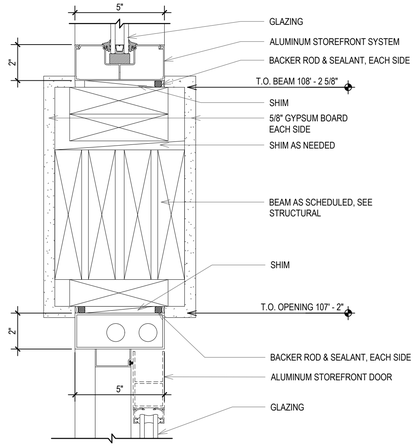

## STOREFRONT - EXT - DOOR HEADER
3" = 1'-0"
E
A603



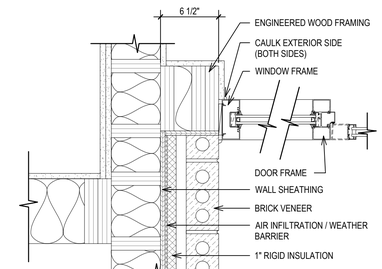

## STOREFRONT - INT JAMB
3" = 1'-0"
F
A603



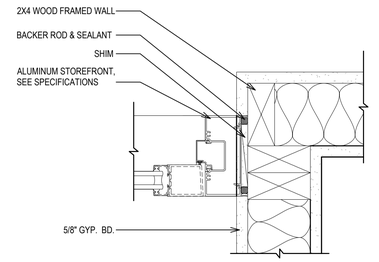

## STOREFRONT @ BEAM DETAIL
3" = 1'-0"
G
A603



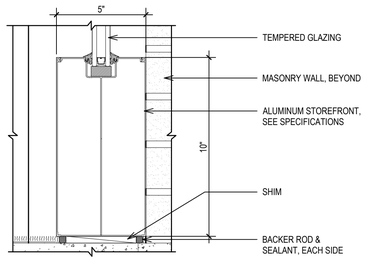

## STOREFRONT DOOR @ BEAM
3" = 1'-0"
H
A603



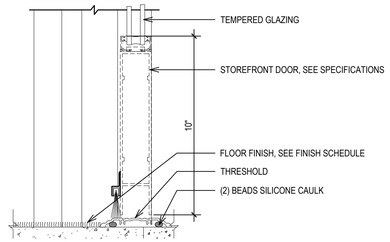

## STOREFRONT - EXT - JAMB @ BRICK
1 1/2" = 1'-0"
J
A603



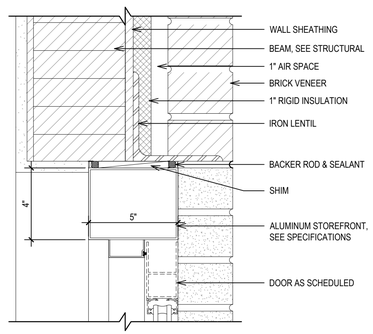

## STOREFRONT - INT- DOOR JAMB
3" = 1'-0"
K
A603




## STOREFRONT SILL DETAIL
3" = 1'-0"
L
A603




## STOREFRONT THRESHOLD DETAIL
3" = 1'-0"
M
A603




## STOREFRONT DOOR @ BRICK
3" = 1'-0"
N
A603

P.C. ARCHITECTS INC.
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Release Date:
27-OCT-2026

Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

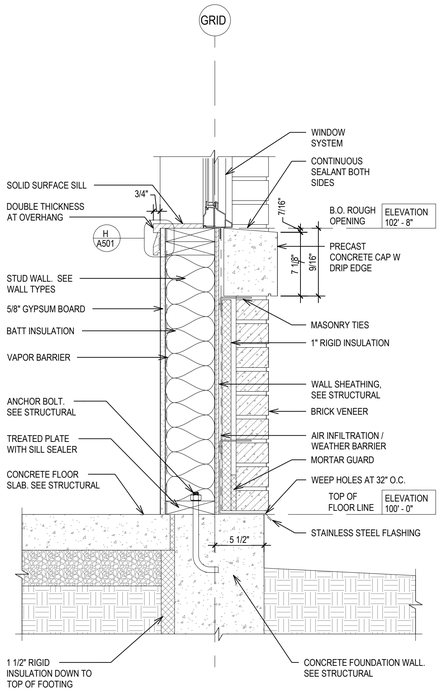
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
STOREFRONT DETAILS

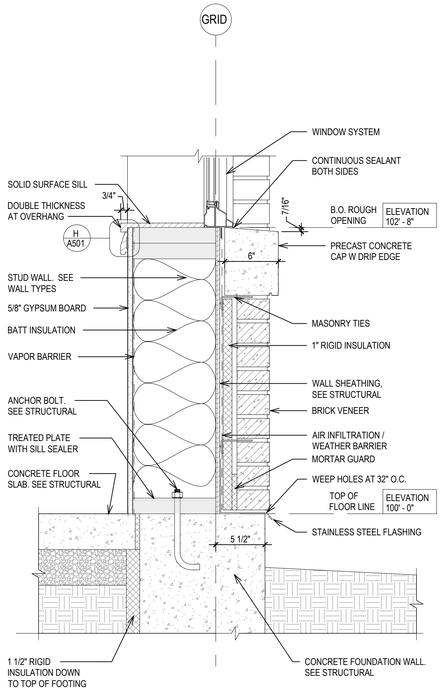
Sheet:
A603




## WINDOW SILL - 2X6 STUD

1 1/2" = 1'-0"

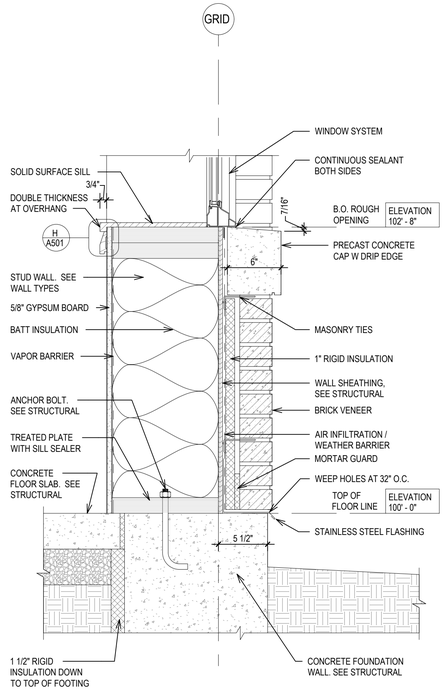
A604




## WINDOW SILL - 9 1/2 SCL

1 1/2" = 1'-0"

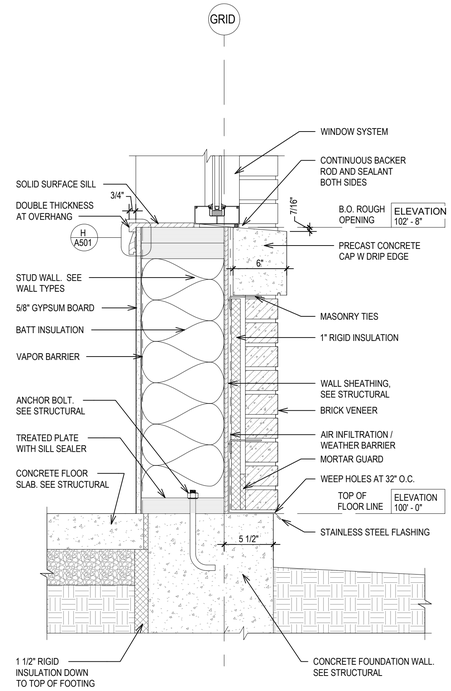
B
A604




## WINDOW SILL - 11 7/8" SCL

1 1/2" = 1'-0"

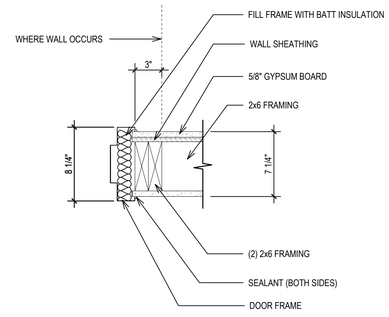
C
A604




## WINDOW SILL - STOREFRONT

1 1/2" = 1'-0"

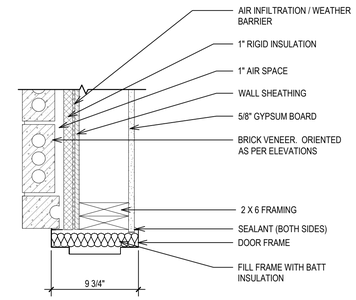
D
A604




## DOOR JAMB - 2X6 WITH SHEATHING

1 1/2" = 1'-0"

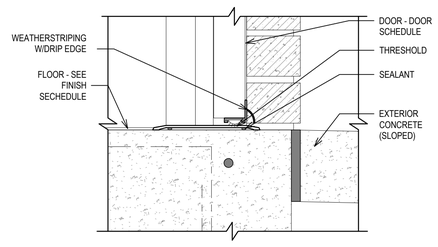
E
A604




## DOOR JAMB @ BRICK

1 1/2" = 1'-0"

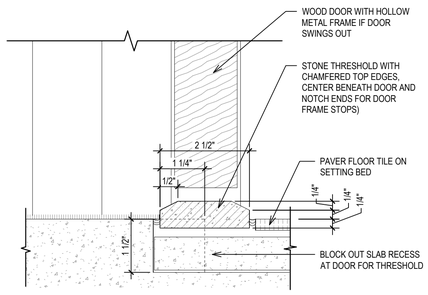
F
A604




## THRESHOLD @ EXTERIOR DOOR

3" = 1'-0"

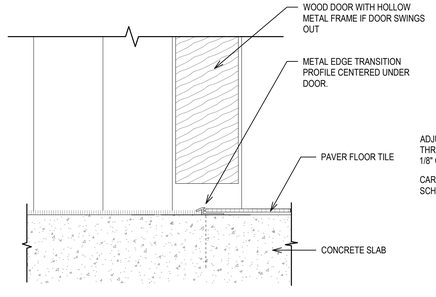
G
A604




## THRESHOLD DETAIL - STONE RECESSED

6" = 1'-0"

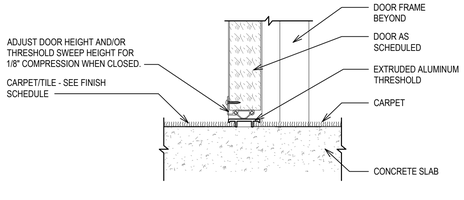
H
A604




## THRESHOLD DETAIL - THIN SET TILE

6" = 1'-0"

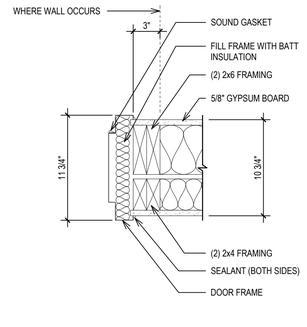
J
A604




## THRESHOLD - SOUND CONTROL

3" = 1'-0"

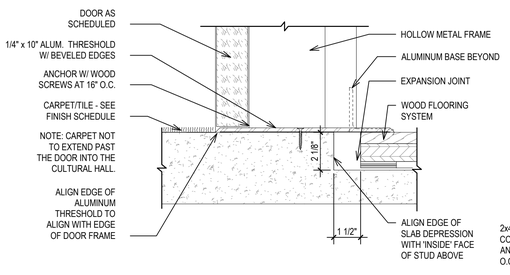
K
A604




## DOOR JAMB - SOUND RATED WALL

1 1/2" = 1'-0"

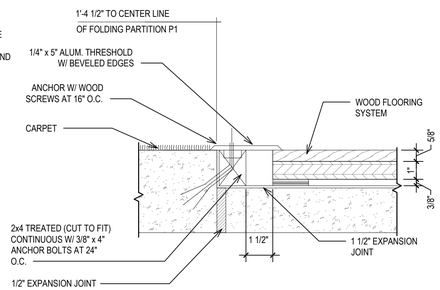
L
A604




## THRESHOLD @ FLOOR TRANSITION

3" = 1'-0"

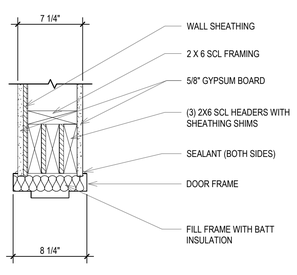
M
A604




## THRESHOLD - FOLDING PARTITION

3" = 1'-0"

N
A604




## DOOR HEAD - 2X6 WITH SHEATHING

1 1/2" = 1'-0"

P
A604

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27-OCT-2026

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Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

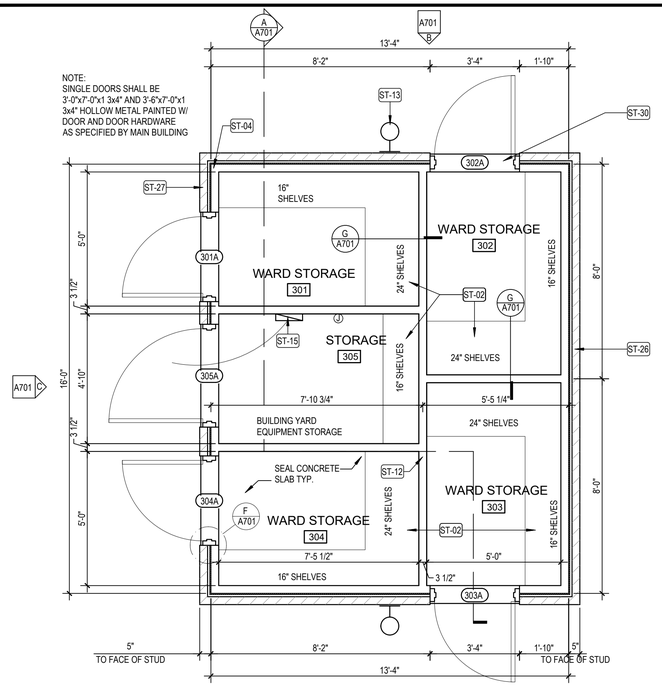
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

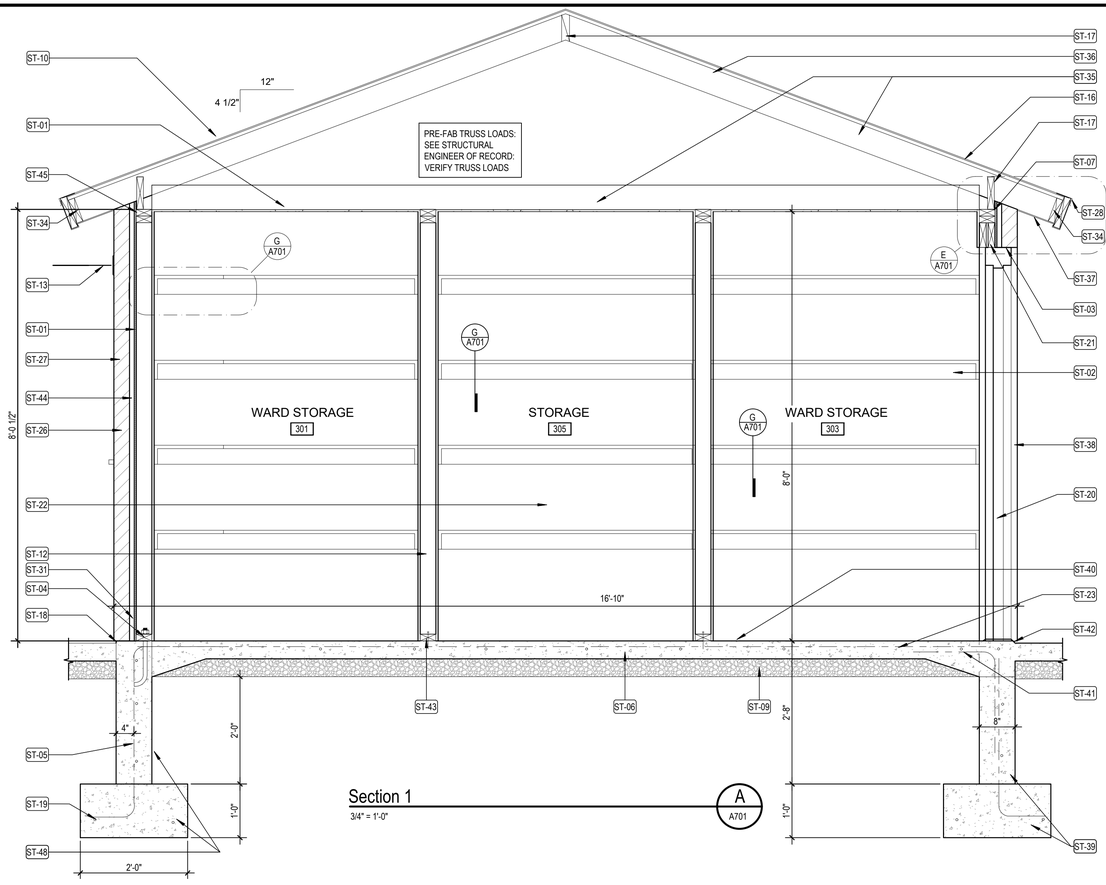
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
DOOR AND WINDOW

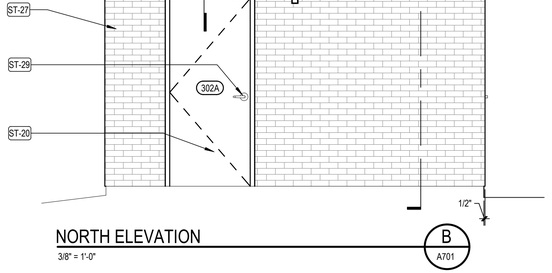
Sheet:
A604



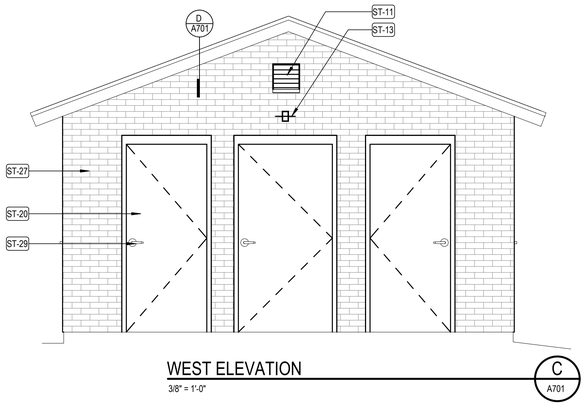

FLOOR PLAN
3/8" = 1'-0"
1
A701



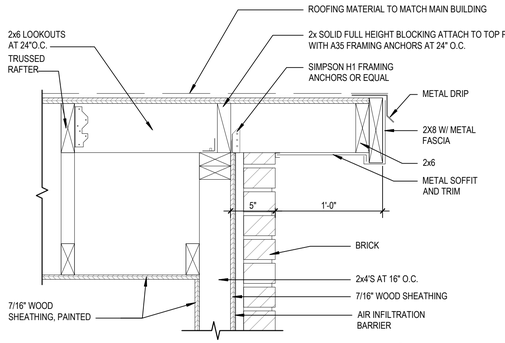

Section 1
3/4" = 1'-0"
A
A701



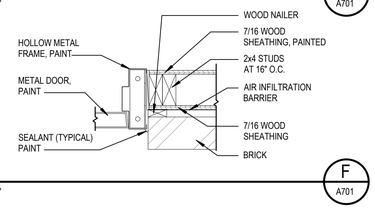

NORTH ELEVATION
3/8" = 1'-0"
B
A701



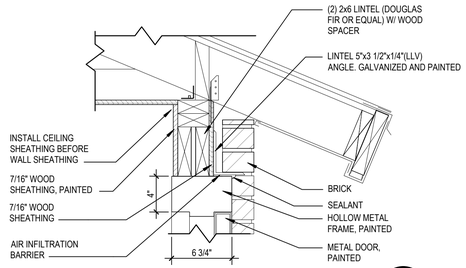
WEST ELEVATION
3/8" = 1'-0"
C
A701



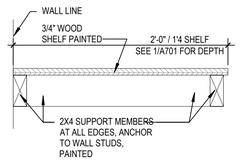

EAVE
1 1/2" = 1'-0"
D
A701




JAMB
1 1/2" = 1'-0"
F
A701




HEAD
1 1/2" = 1'-0"
E
A701




SHELF SECTION
1 1/2" = 1'-0"
G
A701

## FLOOR PLAN LEGEND

| HATCH PATTERN | DESCRIPTION |
|---|---|
| | POURED IN PLACE CONCRETE |
| | WOOD STUD WALL |
| | ASPHALT ROOFING, SEE SPECIFICATIONS |
| | MASONRY VENEER, SEE SPECIFICATIONS |

## FLOOR PLAN GENERAL NOTES

1. ALL DIMENSIONS ARE TO INTERIOR FACE-OF-STUD (F.O.S.) UNLESS NOTED OTHERWISE.
2. CEILING HEIGHTS MEASURED FROM PLYWOOD OR CONCRETE - SEE SECTIONS
3. REFER TO ENLARGED PLANS FOR ALL UNIT DIMENSIONS, WINDOW TYPES, DOORS AND WALLS.
4. REFER TO ENLARGED PLANS FOR ALL DECKS/PATIOS.
5. COORDINATE WITH ALL ENLARGED PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
6. ALL TOPPING SLABS MUST BE POURED AFTER ROOF IS COMPLETE AND BUILDING IS DRIED IN.
7. SEE SHEET A002 FOR PROJECT GENERAL NOTES AND SHEET A003 FOR PROJECT KEYNOTES. REVIEW ALL NOTES PRIOR TO CONSTRUCTION.
8. COORDINATE WITH STRUCTURAL FRAMING PLANS AND SHEAR WALL PLANS FOR LOCATIONS OF COLUMNS, BEAMS, SHEAR WALLS, ETC.
9. COORDINATE WITH BUILDER/OWNER FOR ALL INTERIOR FINISHES
10. COORDINATE WITH ELECTRICAL DRAWINGS FOR ALL LIGHTING, POWER AND DATA REQUIREMENTS.
11. ALL EXTERIOR WALLS ARE ASSUMED TO BE 2X4 STUD WALLS UNLESS SHOWN/NOTED OTHERWISE.
12. ALL INTERIOR WALLS ARE ASSUMED TO BE 2X4 STUD WALLS UNLESS SHOWN/NOTED OTHERWISE.
13. ALL ROOF TRUSSES TO HAVE RAISED ENERGY HEEL CONSTRUCTION TO ALLOW FOR FULL DEPTH INSULATION OVER EXTERIOR WALLS (COORDINATE INSULATION REQUIREMENTS WITH RESCHECKS).

## FLOOR PLAN KEY NOTES

| SPECIFICATION KEYNOTE | INSTRUCTIONAL KEYNOTE |
|---|---|
| # KEY NOTE INFO | # KEY NOTE INFO |

KEYNOTE INSTRUCTIONAL

| | |
|---|---|
| ST-01 | 7/16" WOOD SHEATHING W/ APA SPAN RATING OF 24/0 MINIMUM. NAIL W/ 8d NAILS AT 6" O.C. AT PANEL EDGES AND 8d NAILS AT 6" O.C. AT INTERMEDIATE SUPPORTS TYPICAL. |
| ST-02 | FIXED SHELVING (4 SHELVES EQUAL SPACING) |
| ST-03 | LINTEL 5"x3 1/2"x1/4"(LLV) ANGLE. GALVANIZED AND PAINTED |
| ST-04 | 2x4 SILL PLATE W/ 1/2" DIA. x 6" EMBEDMENT ANCHOR BOLTS AT 32" O.C. MAX. (MAXIMUM 12" FROM CORNER) |
| ST-05 | #4 AT 16" O.C. EACH WAY HORZ. AND VERTICAL. CONCRETE SHALL BE 4500 PSI STRENGTH AT 28 DAYS |
| ST-06 | 4" CONCRETE SLAB WITH #4 BARS AT 18" O.C. EACH WAY WITH 1" CLEAR TO TOP OF SLAB. CONCRETE SHALL BE 3000 PSI AT 28 DAYS |
| ST-07 | SIMPSON H1 FRAMING ANCHORS OR EQUAL AT EACH TRUSS END TYPICAL |
| ST-09 | 4" THICK GRAVEL BASE COMPACTED TO 95% OF STANDARD PROCTOR |
| ST-10 | ROOFING MATERIAL TO MATCH MAIN BUILDING |
| ST-11 | METAL WALL LOUVER L5 W/ INSECT SCREEN (BOTH ENDS OF BUILDING) |
| ST-12 | 2x4 STUD WALLS AT 16" O.C. (TYP.) |
| ST-13 | LOW-PROFILE LED LIGHT - ONE CENTERED ON 3 ELEVATIONS WITH DOORS |
| ST-15 | 30 AMP-1P SERVICE RATED DISCONNECT. |
| ST-16 | 19/32" ROOF SHEATHING W/ APA SPAN RATING OF 40/20 MINIMUM. NAIL W/ 8d NAILS AT 6" O.C. ATPANEL EDGES, AND 8d NAILS AT 12" O.C. AT INTERMEDIATE SUPPORTS. NAIL SHEATHING TO BLOCKING W/ 8d NAILS AT 6" O.C. |
| ST-17 | 2x SOLID FULL HEIGHT BLOCKING. SHAPE TOP TO MATCH ROOF SLOPE. ATTACH TO TOP PLATE WITH A35 FRAMING ANCHORS AT 24" O.C. |
| ST-18 | PRE-FINISHED METAL DRIP EDGE WITH HEMMED EDGE- PROVIDE WEEP VENTS AT 32" O.C. AT BASE OF MASONRY FINISH GRADE |
| ST-19 | (2) #4 CONTINUOUS. CONCRETE SHALL BE 3000 PSI STRENGTH AT 28 DAYS |
| ST-20 | METAL DOOR AND FRAME PAINTED |
| ST-21 | (2) 2x6 HEADER (DOUGLAS FIR OR EQUAL) W/ WOOD SPACER |
| ST-22 | PAINTED WALL AND CEILING SHEATHING |
| ST-23 | CONCRETE FLOOR SLAB SEALED (TYP.) |
| ST-26 | BRICK W/ METAL TIES AT 16" O.C. EA. WAY |
| ST-27 | BRICK TO MATCH MAIN BUILDING |
| ST-28 | METAL DRIP AND FASCIA |
| ST-29 | DEAD BOLT AND LOCK SET. (TYP.) |
| ST-30 | METAL THRESHOLD |
| ST-31 | MORTAR GUARD IN WALL CAVITY |
| ST-34 | 2x6 CONTINUOUS |
| ST-35 | 2x6 MIN. TOP AND BOTTOM CHORDS |
| ST-36 | TRUSSED RAFTERS AT 24" O.C. - SEE STRUCTURAL FOR TRUSS LOADING |
| ST-37 | METAL SOFFIT AND TRIM |
| ST-38 | BRICK BEYOND |
| ST-39 | VERIFY FOOTING AND FOUNDATION CONFIGURATION AND DEPTH WITH SOILS REPORT |
| ST-40 | CONCRETE FLOOR SLAB SEALED (TYP.) |
| ST-41 | #4 DOWEL 12"/16" @ 18" O.C. AT ALL OPENINGS |
| ST-42 | SLOPE CONCRETE SLAB AT DOOR AS SHOWN |
| ST-43 | POWDER-ACTUATED FASTENERS AT 16" O.C. |
| ST-44 | AIR INFILTRATION BARRIER |
| ST-45 | (2) 2x4 TOP PLATE |
| ST-48 | WHERE POSSIBLE, CHANGE THE STRIP FOOTING AND FOUNDATION WALL TO A DOWNTURNED SLAB IF IT WOULD RESULT IN FOUNDATION COST SAVINGS |

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Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

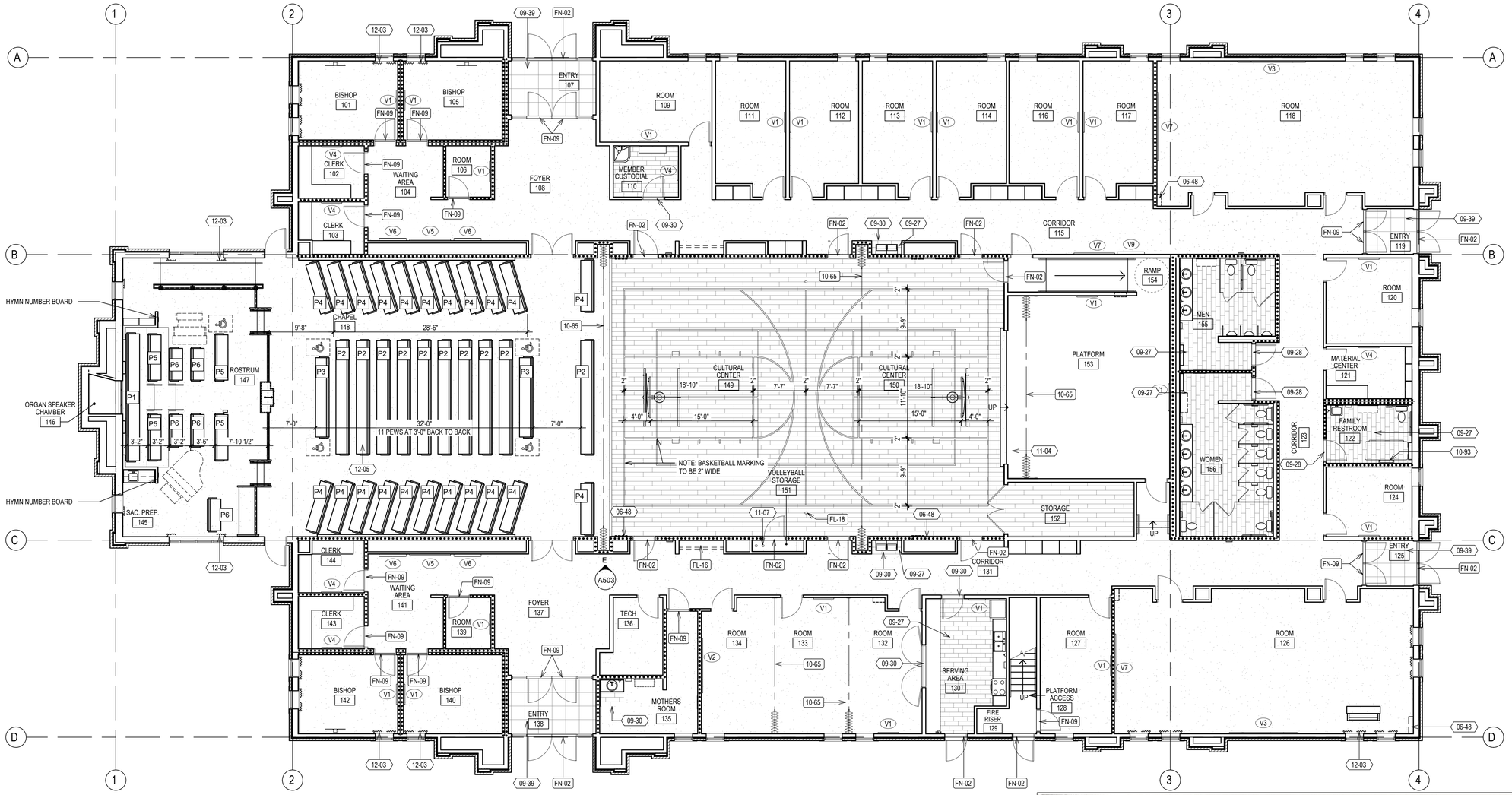
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (DA-MY) | Description |
|---|---|---|

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
STORAGE
BUILDING

Sheet:
A701




## MAIN FLOOR FINISH PLAN

1/8" = 1'-0"

F101

## KEYNOTES

XX-XX ← KEYNOTE MATERIAL

### MATERIAL / SPECIFICATION KEYNOTES

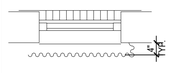
| | |
|---|---|
| 06-48 | WOOD VENEER FACED ARCHITECTURAL CABINETS, SEE DETAILS & SPECIFICATION |
| 09-27 | QUARRY FLOOR TILE, AS SELECTED. SEE FINISH SCHEDULE, DETAILS & SPECIFICATION |
| 09-28 | MARBLE THRESHOLDS, SEE DETAILS AND SPECIFICATION |
| 09-30 | TILE METAL EDGE STRIPS SEE DETAILS & SPECIFICATION |
| 09-39 | MODULAR CARPET TILE AS SELECTED, SEE FINISH SCHEDULE/ SPECIFICATION |
| 10-65 | FOLDING ACCORDION DOOR, SEE DETAILS & SPECIFICATION |
| 10-93 | POTENTIAL FUTURE ADULT CHANGING STATION NOT INSTALLED, PROVIDE STRUCTURAL BLOCKING AND POWER, SEE SPECIFICATION |
| 11-04 | MANUALLY OPERATED STAGE CURTAIN, SEE DETAILS & SPECIFICATION |
| 11-07 | VOLLEYBALL POST HOLE, SEE DETAILS & SPECIFICATIONS |
| 12-03 | DRAPERIES AS SELECTED, SEE DETAILS & SPECIFICATION |
| 12-05 | CUSHIONED PEW SEATING, SEE F101 |

FP-XX ← KEYNOTE INSTRUCTION

### INSTRUCTIONAL KEYNOTES

| | |
|---|---|
| FL-09 | FIRE EXTINGUISHER CABINETS (FEC), SEE SPECIFICATIONS. INSTALL IN ACCORDANCE WITH ALL ADA GUIDELINES. PROVIDE BLOCKING AS REQ'D. FOR INSTALLATION |
| FL-16 | COAT RACK & SHELF, SEE DETAILS & SPECIFICATIONS |
| FL-18 | VOLLEYBALL POST SLEEVE, SEE DETAILS |
| FN-02 | DOOR THRESHOLD, WIDTH TO MATCH FULL DOOR FRAME |
| FN-09 | SOUND CONTROL THRESHOLD, SEE DETAILS & SPECIFCATION |

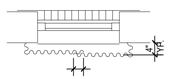
## DRAPERY DIMENSIONS




SINGLE WINDOW TYPE "S"

NO SCALE

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




SINGLE WINDOW TYPE "P"

NO SCALE

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

## DRAPERY SCHEDULE

| LOCATION | | NO. REQUIRED PAIR | NO. REQUIRED SINGLE | REMARKS |
|---|---|---|---|---|
| BISHOP | 101 | 3 | | CASEMENT |
| BISHOP | 105 | 1 | | CASEMENT |
| RELIEF SOCIETY | 126 | 6 | | CASEMENT |
| BISHOP | 140 | 1 | | CASEMENT |
| BISHOP | 142 | 3 | | CASEMENT |
| ROSTRUM | 147 | 2 | 2 | CASEMENT AND BLACKOUT |
| | | | | |
| | | | | |

## NOTES

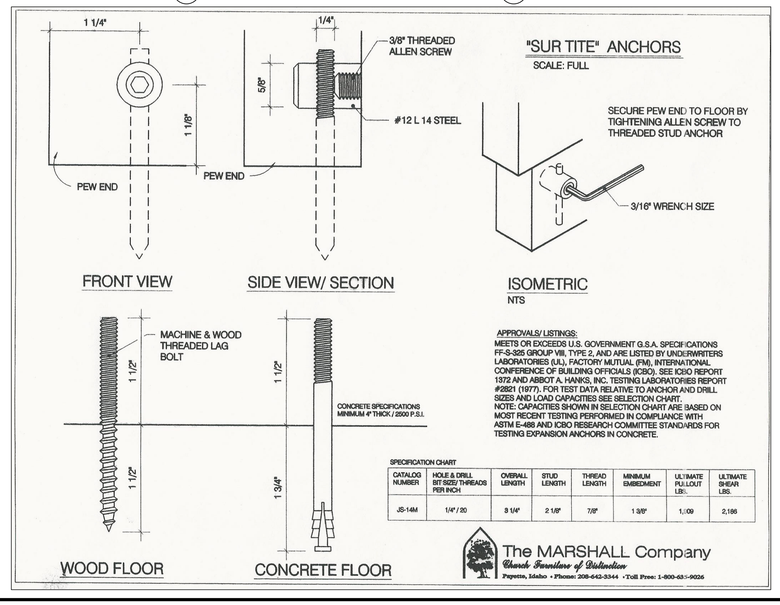
-THE GENERAL COLOR SCHEME FOR THIS PROJECT IS: CHERRY RED
-SEE DIVISION 01 SPECIAL REQUIREMENTS OF SPECIFICATIONS FOR INSTRUCTIONS CONCERNING OWNER FURNISHED ITEMS.

| FURNISHED BY | ITEM | BRAND | STYLE OR TYPE | COLOR |
|---|---|---|---|---|
| OWNER | CARPET | SEE DIV. 09 FOR SPECS | LOOP PILE | GARNETT II |
| CONTRACTOR | WALL COVERING | SEE DIV. 09 FOR SPECS | SISAL-FIBERWORKS | 712 IVORY |
| CONTRACTOR | COUNTERTOPS AND CABINETS | SEE DIV. 06 FOR SPECS | WOOD STAIN COUNTERTOPS | CHERRY TO BE SELECTED BY OWNER |
| OWNER | PEWS | SEE DIV. 12 FOR SPECS | REVIVAL | 8406 |
| CONTRACTOR | DRAPERIES | SEE DIV. 12 FOR SPECS | 5th AVENUE | OFF WHITE |
| CONTRACTOR | ROSTRUM CASEWORK | SEE DIV. 12 | | CHERRY STAIN |
| OWNER | ROOM SIGNAGE | SEE DIV. 10 | SEE SHEET F102 | TO BE SELECTED BY OWNER |
| OWNER | HYMN NUMBER BOARD | SEE DIV. 01 | SEE ROSTRUM 147 ON 1/F101 | TO BE SELECTED BY OWNER |

## PEW SCHEDULE

| MARK | NO. REQUIRED | PEW LENGTH | SEAT LENGTH | SEATS PER PEW | TOTAL SEATS |
|---|---|---|---|---|---|
| P1 | 1 | 19'-0" | 18'-8" | 12 | 12 |
| P2 | 10 | 17'-0" | 16'-8" | 11 | 110 |
| P3 | 2 | 12'-0" | 11'-8" | 7 | 14 |
| P4 | 22 | 7'-10" | 7'-6" | 5 | 110 |
| P5 | 4 | 7'-0" | 6'-8" | 4 | 16 |
| P6 | 5 | 5'-0" | 4'-8" | 3 | 15 |
| TOTAL SEATS PROVIDED: | | | | | 277 |

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




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27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
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St. George, UT 84771
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Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

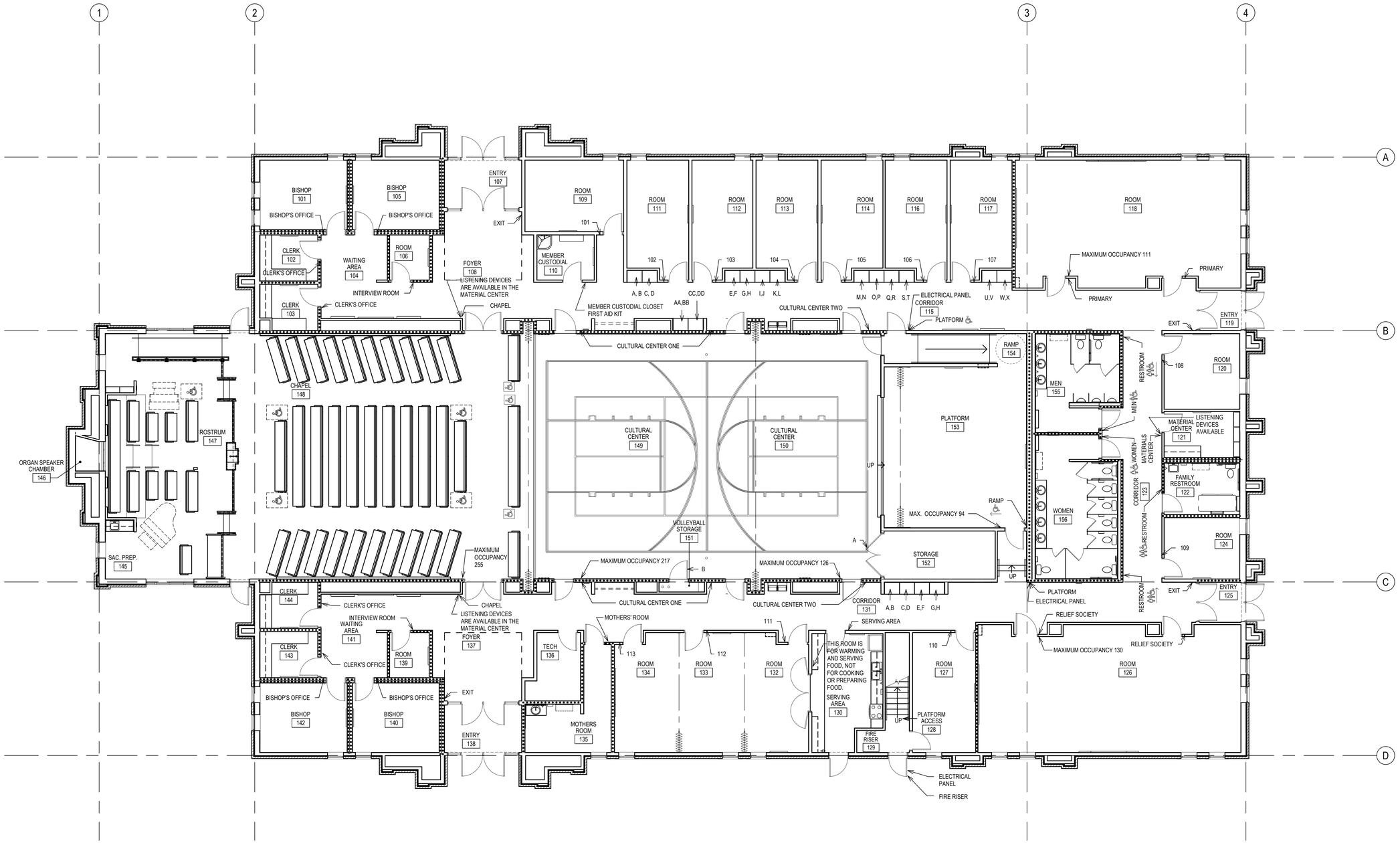
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
FURNISHINGS PLAN AND SCHEDULES

Sheet:
F101




MAIN FLOOR SIGNAGE LOCATION PLAN

1/8" = 1'-0"

1 / F102

Release Date:
27-OCT-2026


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
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Stamp:

Project Name:
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| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

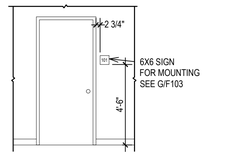
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PCA-2610

Plan Series:
G-300-MH-11

Property Number:
501-8721-26010101

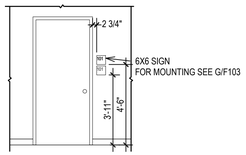
Sheet Title:
ROOM SIGNAGE LOCATION PLAN

Sheet:
F102



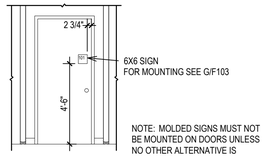

MOLDED SIGN MOUNTING — A — F103

1/4" = 1'-0"



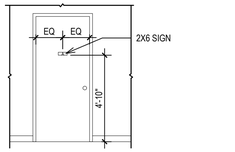

DOUBLE MOLDED SIGN MOUNTING — B — F103

1/4" = 1'-0"




MOLDED SIGN DOOR MOUNTING — C — F103

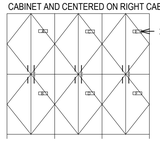
1/4" = 1'-0"




FLAT SIGN DOOR MOUNTING — D — F103

1/4" = 1'-0"

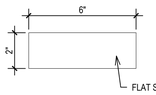
NOTE:
MOUNT SIGN TWO THIRDS UP FROM BOTTOM OF
CABINET AND CENTERED ON RIGHT CABINET DOOR.




FLAT SIGN CABINET MOUNTING — E — F103

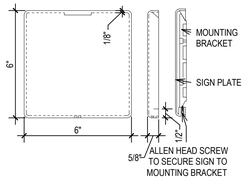
1/4" = 1'-0"

NOTE:
SIGN IS SUPPLIED WITH SELF-ADHESIVE



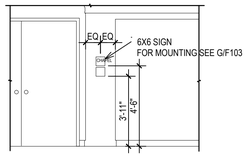

FLAT SIGN DETAIL — F — F103

3" = 1'-0"



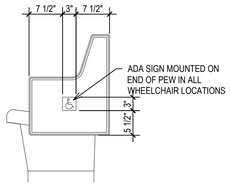

MOLDED SIGN PLATE DETAIL — G — F103

3" = 1'-0"




MOLDED SIGN MOUNTING LOCATION — H — F103

1/4" = 1'-0"



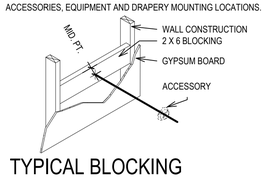

ADA SIGN MOUNTED ON PEW — J — F103

3/4" = 1'-0"

## VISUAL DISPLAY BOARD NOTES

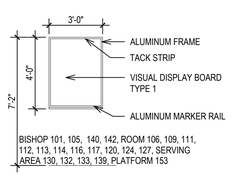
TYPE
TYPE 1 GLASSBOARD
TYPE 2 TACKBOARD
TYPE 3 DISPLAY CABINET

NOTE:
TYPICAL BLOCKING REQUIRED BEHIND WALL MOUNTED
ACCESSORIES, EQUIPMENT AND DRAPERY MOUNTING LOCATIONS.



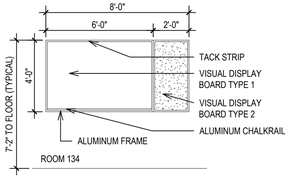

TYPICAL BLOCKING DETAIL — K — F103

1/2" = 1'-0"



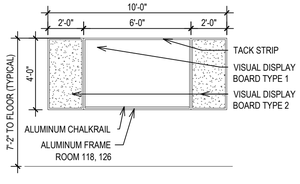

V1 DISPLAY BOARD — L — F103

1/4" = 1'-0"



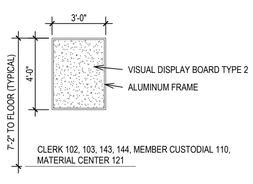

V2 DISPLAY BOARD — M — F103

1/4" = 1'-0"



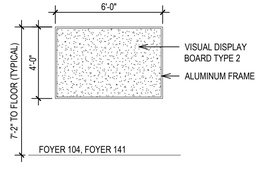

V3 DISPLAY BOARD — N — F103

1/4" = 1'-0"



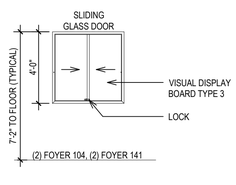

V4 DISPLAY BOARD — P — F103

1/4" = 1'-0"



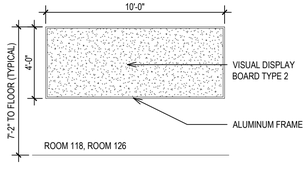

V5 DISPLAY BOARD — Q — F103

1/4" = 1'-0"




V6 DISPLAY BOARD — R — F103

1/4" = 1'-0"




V7 DISPLAY BOARD — S — F103

1/4" = 1'-0"

## FINISH SCHEDULE

| ROOM NO. | NAME | FLOOR | BASE | WALL | CEILING | SPECIAL TRIM OR EQUIP. |
|---|---|---|---|---|---|---|
| 101 | BISHOP | F1 | B1 | W4 | C1 | S2 S21 |
| 102 | CLERK | F1 | B1 | W4 | C1 C7 | S2 S3 S21 |
| 103 | CLERK | F1 | B1 | W4 | C3 C7 | S2 S3 S21 |
| 104 | WAITING AREA | F1 | B1 | W4 | C1 C2 C3 C4 | S2 |
| 105 | BISHOP | F1 | B1 | W4 | C1 | S2 S21 |
| 106 | INTERVIEW | F1 | B1 | W4 | C1 | S2 S21 |
| 107 | VESTIBULE | F6 | B1 | W5 | C4 | S21 |
| 108 | FOYER | F1 | B1 | W4 | C4 | S1 S2 |
| 109 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 110 | MEMBER CUSTODIAL | F8 | B2 | W3 W5 | C2 | S13 |
| 111 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 112 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 113 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 114 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 115 | HALLWAY | F1 F8 | B1 B2 | W3 W4 | C3 C4 C7 | S2 S3 S8 S10 S18 |
| 116 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 117 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 118 | ROOM | F1 | B1 | W4 | C1 C2 | S1 S2 S14 S21 |
| 119 | VESTIBULE | F6 | B1 | W5 | C2 | S21 |
| 120 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 121 | MATERIAL CENTER | F1 | B1 | W4 | C7 C9 | S2 S3 S21 |
| 122 | FAMILY RESTROOM | F3 | B2 | W3 W5 | C2 | S15 S16 S17 S21 |
| 123 | HALLWAY | F1 | B1 | W4 | C3 C4 | S2 |
| 124 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 125 | VESTIBULE | F6 | B1 | W5 | C2 | S21 |
| 126 | ROOM | F1 | B1 | W4 | C1 C2 | S1 S2 S14 S21 S23 |
| 127 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 128 | PLATFORM ACCESS | F4 F7 | B3 | W5 | C4 | S12 |
| 129 | FIRE RISER | F4 | B3 | W5 | C4 | |
| 130 | SERVING AREA | F8 | B2 | W5 | C2 C7 | S3 S11 |
| 131 | HALLWAY | F1 F8 | B1 B2 | W3 W4 | C3 C4 C7 | S2 S3 S8 S10 S12 S18 |
| 132 | ROOM | F1 | B1 | W4 | C9 | S2 S14 S21 |
| 133 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 134 | ROOM | F1 | B1 | W4 | C9 | S2 S21 |
| 135 | MOTHERS' ROOM | F1 F8 | B1 B2 | W3 W4 | C9 | S2 S16 S20 S21 |
| 136 | TECH | F1 | B3 | W5 W7 | C2 | S5 S6 |
| 137 | FOYER | F1 | B1 | W4 | C4 | S1 S2 |
| 138 | VESTIBULE | F6 | B1 | W5 | C4 | S21 |
| 139 | INTERVIEW | F1 | B1 | W4 | C1 | S2 S21 |
| 140 | BISHOP | F1 | B1 | W4 | C1 | S2 S21 |
| 141 | WAITING AREA | F1 | B1 | W4 | C1 C2 C3 C4 | S2 |
| 142 | BISHOP | F1 | B1 | W4 | C1 | S2 S21 |
| 143 | CLERK | F1 | B1 | W4 | C1 C7 | S2 S3 S21 |
| 144 | CLERK | F1 | B1 | W4 | C3 C7 | S2 S3 S21 |
| 145 | SAC PREP | F1 | B1 | W5 | C4 | S1 S3 |
| 146 | ORGAN SPEAKER CHAMBER | F5 | B4 | W5 | C4 | S22 |
| 147 | ROSTRUM | F1 | B1 | W5 | C4 | S1 S12 S24 |
| 148 | CHAPEL | F1 | B1 | W5 | C4 | S1 |
| 149 | CULTURAL CENTER 1 | F2 | B5 | W1 W5 | C3 C4 | S1 S4 S14 |
| 150 | CULTURAL CENTER 2 | F2 | B5 | W1 W5 | C3 C4 | S1 S4 S14 |
| 151 | VOLLEYBALL STORAGE | F1 | B3 | W8 | C4 | S19 |
| 152 | STORAGE | F1 | B3 | W8 | C4 | |
| 153 | PLATFORM | F1 | B1 | W4 | C1 C4 | S2 S12 S14 |
| 154 | RAMP | F1 | B1 | W4 | C1 | S2 S12 |
| 155 | MEN | F3 | B2 | W3 W5 | C4 | S16 S17 S20 S21 |
| 156 | WOMEN | F3 | B2 | W3 W5 | C4 | S16 S17 S20 S21 |
| 201 | EQUIPMENT PLATFORM | F5 | B4 | W6 | | S11 |

## FINISH SCHEDULE LEGEND

| | |
|---|---|
| F | FLOOR |
| F1 | CARPET |
| F2 | WOOD FLOOR SYSTEM |
| F3 | PAVER TILE |
| F4 | CONCRETE, PAINTED |
| F5 | 3/4" SHEATHING, PAINTED |
| F6 | CARPET TILE |
| F7 | STAIR TREADS AND RISERS, RUBBER |
| F8 | PAVER TILE THIN SET |
| B | BASE |
| B1 | CARPET |
| B2 | PAVER TILE, COVED |
| B3 | 4" RUBBER |
| B4 | NONE |
| B5 | METAL ANGLE |
| W | WALLS |
| W1 | WALL COVERING "A" (SISAL) |
| W2 | WALL COVERING "B" (VINYL) |
| W3 | CERAMIC TILE. SEE INTERIOR ELEVATIONS |
| W4 | WALL COVERING "A" (SISAL) WAINSCOT WITH PAINTED GYPSUM BOARD ABOVE. |
| W5 | GYPSUM BOARD, PAINTED. |
| W6 | GYPSUM BOARD, TAPED. |
| W7 | 7/16" WOOD SHEATHING, PAINTED |
| W8 | WALL COVERING"A" (SISAL) FULL HEIGHT ON 7/16" WOOD SHEATHING |
| C | CEILING |
| C1 | CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD AND ACOUSTICAL TILE |
| C2 | CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD - PAINTED |
| C3 | ACOUSTICAL TILE ON GYPSUM BOARD |
| C4 | GYPSUM BOARD - PAINTED |
| C5 | METAL SOFFIT - SEE A/A122 |
| C6 | CONTINUOUS VENT STRIP |
| C7 | WOOD FURRED DOWN OVER CABINETS - SEE A/A407 |
| C8 | EXTERIOR STUCCO SYSTEM SOFFIT |
| C9 | 2'x2' SUSPENDED ACOUSTICAL TILE GRID |
| S | SPECIAL TRIM OR EQUIPMENT |
| S1 | WOOD TRIM |
| S2 | CHAIR RAIL |
| S3 | CABINETS |
| S4 | DECORATION ANCHORS |
| S5 | TELEPHONE BOARD |
| S6 | SOUND MAIN EQUIPMENT CABINET, SEE SOUND DRAWINGS |
| S7 | SOUND CONTROL PANEL, SEE SOUND DRAWINGS |
| S8 | ELECTRIC WATER COOLER |
| S9 | ELECTRIC PANEL |
| S10 | FIRE EXTINGUISHER CABINET |
| S11 | WALL MOUNTED FIRE EXTINGUISHER |
| S12 | HANDRAIL |
| S13 | CUSTODIAL UTILITY SHELF |
| S14 | HYMN BOOK STORAGE |
| S15 | FUTURE ADULT CHANGING STATION - INSTALL BACKING AND POWER |
| S16 | BABY CHANGING STATION |
| S17 | UTILITY SHELF (STAINLESS STEEL) |
| S18 | COAT RACK |
| S19 | ADJUSTABLE SHELVES |
| S20 | 24" X 60" MIRROR, WALL HUNG |
| S21 | INSULATION TYPE "A" ABOVE CEILING |
| S22 | PAINT BLACK |
| S23 | WALL OR CEILING MOUNTED TV |
| S24 | ACCENT WALL COVERING "B" (VINYL) |

SEE SPECIFICATIONS FOR WALL FINISH TEXTURES

## BUILDING SIGNAGE SCHEDULE

| SIGNAGE ROOM NAME OR NUMBER | QUANTITY | SIZE | MOUNTING | PLAN ROOM # | NOTES |
|---|---|---|---|---|---|
| 101 | 1 | 6" X 6" | A/F103 | 109 | |
| 102 | 1 | 6" X 6" | A/F103 | 111 | |
| 103 | 1 | 6" X 6" | A/F103 | 112 | |
| 104 | 1 | 6" X 6" | A/F103 | 113 | |
| 105 | 1 | 6" X 6" | A/F103 | 114 | |
| 106 | 1 | 6" X 6" | A/F103 | 116 | |
| 107 | 1 | 6" X 6" | A/F103 | 117 | |
| 108 | 1 | 6" X 6" | A/F103 | 120 | |
| 109 | 1 | 6" X 6" | A/F103 | 124 | |
| 110 | 1 | 6" X 6" | A/F103 | 127 | |
| 111 | 1 | 6" X 6" | A/F103 | 132 | |
| 112 | 1 | 6" X 6" | A/F103 | 133 | |
| 113 | 1 | 6" X 6" | A/F103 | 134 | |
| A (FLAT SIGN ONLY) | 1 | 6" X 2" | D/F103 | 152 | |
| B (FLAT SIGN ONLY) | 1 | 6" X 2" | D/F103 | 151 | |
| A THRU H (FLAT SIGN ONLY) | 2 EACH | 6" X 2" | E/F103 | 115, 131 | |
| I THRU X (FLAT SIGN ONLY) | 1 EACH | 6" X 2" | E/F103 | 115 | |
| AA THRU DD (FLAT SIGN ONLY) | 1 EACH | 6" X 6" | E/F103 | 115 | |
| MAXIMUM OCCUPANCY 255 | 1 | 6" X 6" | A/F103 | 148 | |
| MAXIMUM OCCUPANCY 217 | 1 | 6" X 6" | A/F103 | 149 | |
| MAXIMUM OCCUPANCY 130 | 1 | 6" X 6" | A/F103 | 126 | |
| MAXIMUM OCCUPANCY 126 | 1 | 6" X 6" | A/F103 | 150 | |
| MAXIMUM OCCUPANCY 111 | 1 | 6" X 6" | A/F103 | 118 | |
| MAXIMUM OCCUPANCY 94 | 1 | 6" X 6" | A/F103 | 153 | |
| BISHOP'S OFFICE - WARD NAME | 4 | 6" X 6" | A/F103 | 101, 105, 140, 142 | SPECIFY WARD |
| CHAPEL | 2 | 6" X 6" | A/F103 | 148 | |
| CLERK'S OFFICE | 4 | 6" X 6" | A/F103 | 102, 103, 143, 144 | |
| CULTURAL CENTER ONE | 4 | 6" X 6" | A/F103 | 149 | |
| CULTURAL CENTER TWO | 2 | 6" X 6" | A/F103 | 150 | |
| ELECTRICAL PANEL | 2 | 6" X 6" | A/F103 | 153, 154 | |
| ELECTRICAL PANEL (FLAT SIGN) | 1 | 6" X 6" | D/F103 | 128 | EXTERIOR |
| EXIT (TACTILE, BRAILLE) | 4 | 6" X 6" | A/F103 | 108, 115, 131, 137 | |
| FIRE RISER (FLAT SIGN) | 1 | 6" X 6" | D/F103 | 129 | EXTERIOR |
| INTERVIEW ROOM | 2 | 6" X 6" | A/F103 | 106, 139 | |
| MATERIALS CENTER | 1 | 6" X 6" | A/F103 | 121 | |
| MEMBER CUSTODIAL CLOSET FIRST AID KIT | 1 | 6" X 6" | A/F103 | 110 | |
| MEN | 1 | 6" X 6" | B/F103 | 155 | |
| MOTHER'S ROOM | 1 | 6" X 6" | A/F103 | 135 | |
| PLATFORM | 1 | 6" X 6" | A/F103 | 131 | |
| PLATFORM | 1 | 6" X 6" | A/F103 | 115 | |
| PRIMARY ROOM | 2 | 6" X 6" | A/F103 | 118 | |
| RAMP | 1 | 6" X 6" | A/F103 | 153 | ARROW LEFT |
| RELIEF SOCIETY | 2 | 6" X 6" | A/F103 | 126 | |
| RESTROOM | 1 | 6" X 6" | A/F103 | 122 | |
| RESTROOM | 1 | 6" X 6" | B/F103 | 123 | ARROW LEFT |
| RESTROOM " | 1 | 6" X 6" | B/F103 | 123 | ARROW RIGHT |
| SERVING AREA | 1 | 6" X 6" | A/F103 | 130 | |
| WOMEN | 1 | 6" X 6" | B/F103 | 156 | |
| LISTENING DEVICES AVAILABLE IN THE MATERIALS CENTER | 2 | 6" X 6" | MOUNT BELOW THE "CHAPEL" SIGN. SEE B/F103 | 148 | |
| LISTENING DEVICES AVAILABLE | 1 | 6" X 6" | MOUNT BELOW THE MATERIALS" CENTER" SIGN. SEE B/F103 | 121 | |
| ☐ PEW MOUNTED ADA SIGN | 9 | 6" X 6" | K/F103. | 147, 148 | |
| THIS ROOM IS FOR WARMING AND SERVING FOOD, NOT FOR COOKING OR PREPARING FOOD. | 1 | 6" X 6" | MOUNT ABOVE BACKSPLASH ON WALL TO THE RIGHT OF THE RANGE | 130 | |

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (dd-mm-y) | Description |
|---|---|---|
| | | |

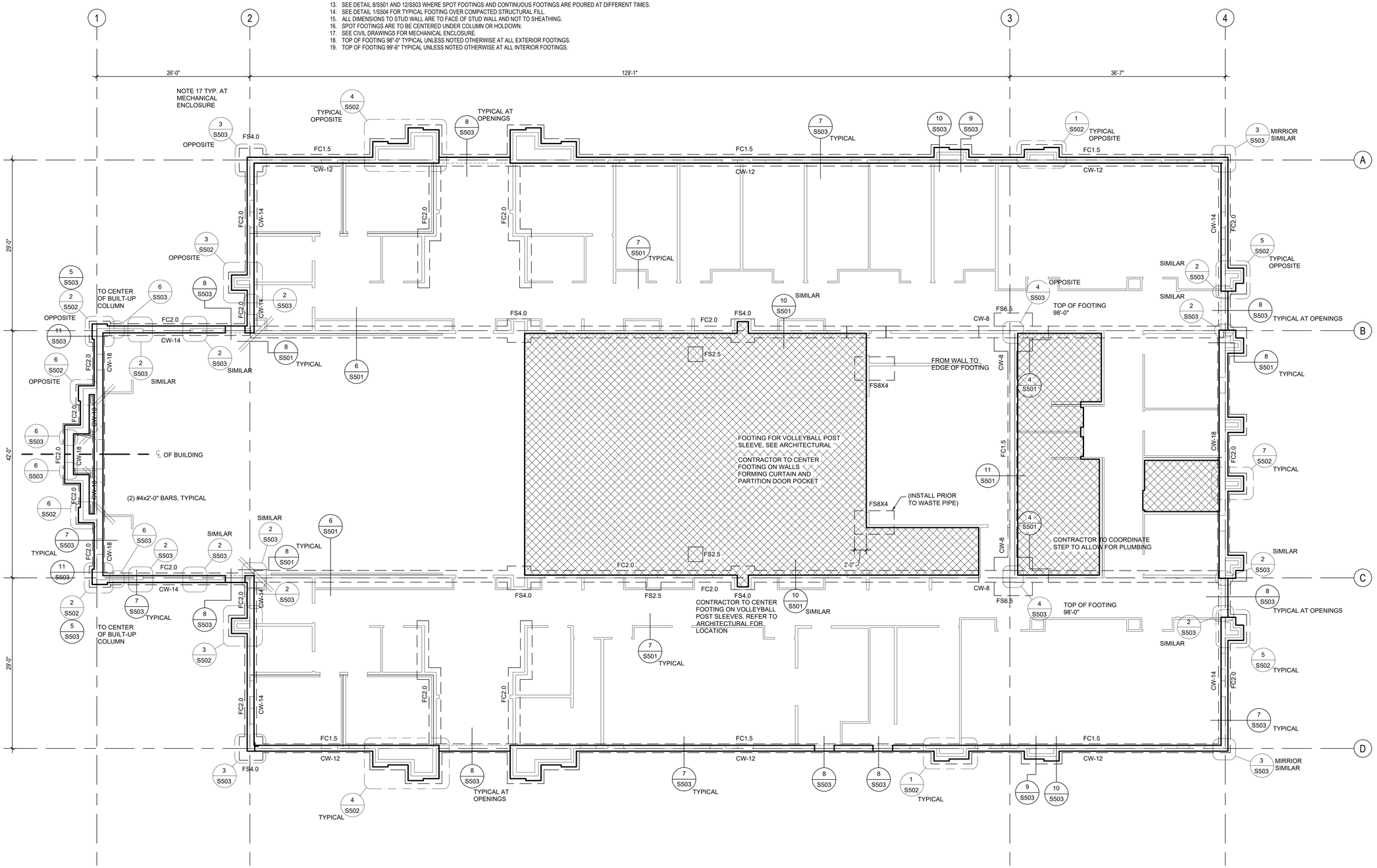
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ROOM SIGNAGE
FINISH
SCHEDULE
AND DETAILS

Sheet:
F103

FOOTING AND FOUNDATION NOTES:

1. SEE SHEET S602 FOR FOOTING SCHEDULE AND CONCRETE FOUNDATION WALL SCHEDULE.
2. VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT AND ENGINEER OF DISCREPANCIES FOUND.
3. INTERIOR CONCRETE FLOOR SLAB ON GRADE TO BE 4" THICK WITH #4 BARS AT 18" ON CENTER EACH WAY WITH 1" CLEAR TO TOP SURFACE.
4. NO CONTROL JOINTS ALLOWED IN INTERIOR CONCRETE SLAB ON GRADE UNLESS APPROVED BY ARCHITECT.
5. FINISH FLOOR ELEVATION IS 100'-0".
6. SEE DETAIL 1/S501 FOR PIPES PERPENDICULAR AND PARALLEL TO FOOTING DETAIL.
7. SEE DETAIL 2/S501 FOR TYPICAL REINFORCING AT INTERSECTIONS IN CONCRETE WALLS.
8. SEE DETAIL 3/S501 FOR SILL PLATES BOLTING DETAIL.
9. SEE DETAIL 4/S501 FOR TYPICAL STEPPED FOOTING DETAIL.
10. SEE DETAIL 9/S501 FOR TYPICAL SLAB ON GRADE DETAIL.
11. DEPRESS FLOOR SLAB AS SHOWN ON PLANS FOR TILE/WOOD FLOOR SYSTEM. SEE 5/S501, 10/S501 AND 11/S501 FOR DETAIL AT STEP IN SLAB. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
12. RECESS FOUNDATION WALL 8" AT DOORWAYS AND POUR SLAB THRU OPENING. SEE 13/S501.
13. SEE DETAIL 8/S501 AND 12/S503 WHERE SPOT FOOTINGS AND CONTINUOUS FOOTINGS ARE POURED AT DIFFERENT TIMES.
14. SEE DETAIL 1/S504 FOR TYPICAL FOOTING OVER COMPACTED STRUCTURAL FILL.
15. ALL DIMENSIONS TO STUD WALL ARE TO FACE OF STUD WALL AND NOT TO SHEATHING.
16. SPOT FOOTINGS ARE TO BE CENTERED UNDER COLUMN OR HOLDOWN.
17. SEE CIVIL DRAWINGS FOR MECHANICAL ENCLOSURE.
18. TOP OF FOOTING 98"-0" TYPICAL UNLESS NOTED OTHERWISE AT ALL EXTERIOR FOOTINGS.
19. TOP OF FOOTING 99'-6" TYPICAL UNLESS NOTED OTHERWISE AT ALL INTERIOR FOOTINGS.




FOOTING AND FOUNDATION PLAN

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

A
S101


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579


Release Date:
27-OCT-2026

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|

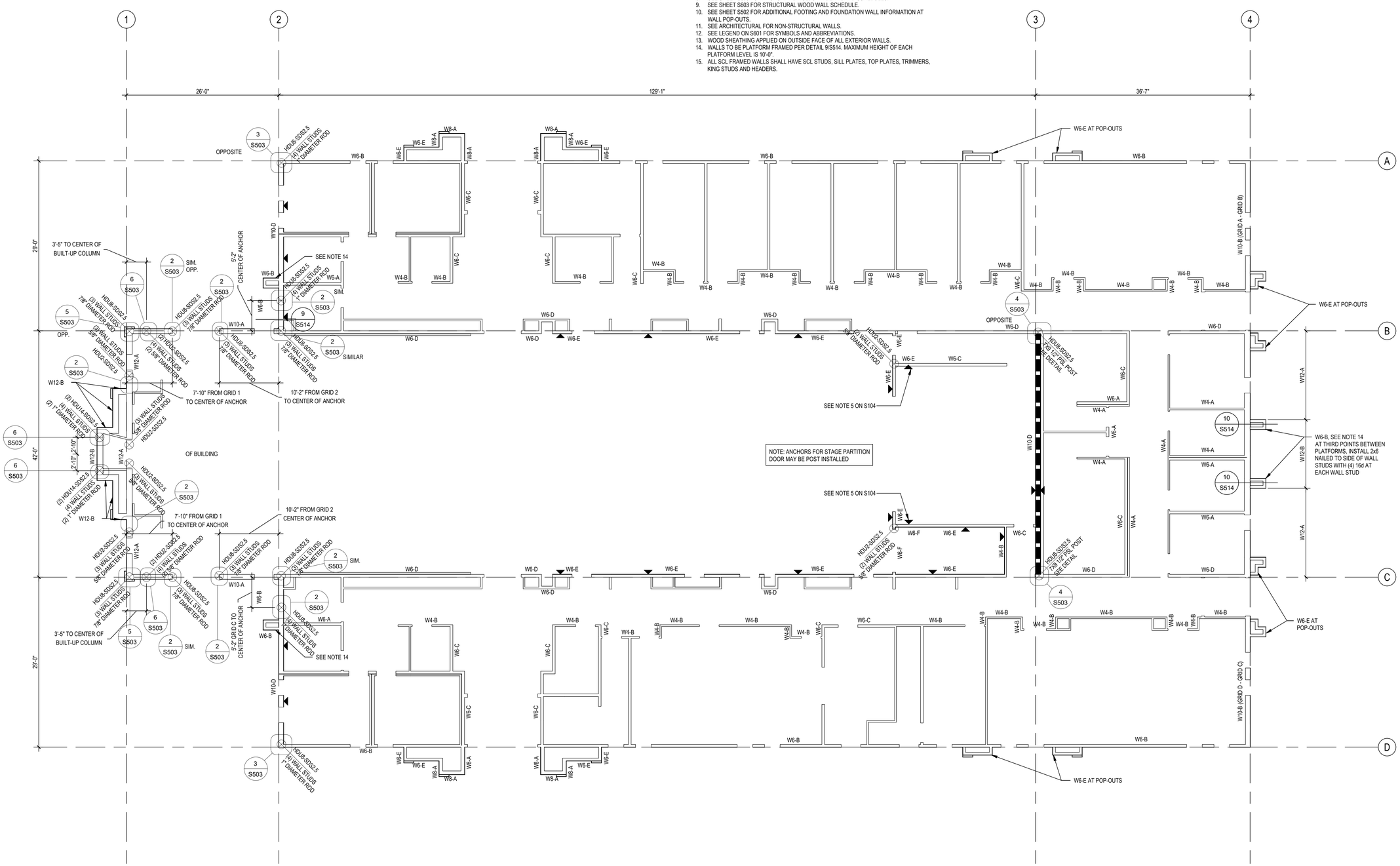
Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
FOOTING AND FOUNDATION PLAN

Sheet:
S101

ANCHOR BOLT, HOLDOWN AND WALL-TYPE PLAN NOTES:

1. SEE DETAIL 1/S521 FOR TYPICAL TOP PLATE SPLICE DETAIL.
2. SEE DETAIL 2/S521 FOR TYPICAL TOP PLATE SPLICE PENETRATION SCHEDULE.
3. SEE DETAIL 3/S521 AND DETAIL 4/S521 FOR TYPICAL WALL PENETRATIONS.
4. SEE WOOD BEAM SCHEDULE ON SHEET S603 FOR BUILT-UP BEAM INFORMATION.
5. SEE SCHEDULES ON S603 AND S604 FOR WALL, ROOF, FLOOR SHEATHING AND NAILING REQUIREMENTS.
6. FOR UNMARKED INTERIOR HEADERS, USE (3) 2x6 FOR 2x6 WALLS, AND (2) 2x6 FOR 2x4 WALLS. USE (1) BEARING AND (1) KING STUD. IF IN SCL WALL USE 2x6 SCL MATERIAL FOR HEADERS
7. SEE DETAILS 6/S521, 7/S521 AND 9/S521 FOR BRACING AT NON-STRUCTURAL WALLS.
8. SEE SHEET S503 FOR ANCHOR AND HOLDOWN DETAIL AND SCHEDULES.
9. SEE SHEET S603 FOR STRUCTURAL WOOD WALL SCHEDULE.
10. SEE SHEET S502 FOR ADDITIONAL FOOTING AND FOUNDATION WALL INFORMATION AT WALL POP-OUTS.
11. SEE ARCHITECTURAL FOR NON-STRUCTURAL WALLS.
12. SEE LEGEND ON S601 FOR SYMBOLS AND ABBREVIATIONS.
13. WOOD SHEATHING APPLIED ON OUTSIDE FACE OF ALL EXTERIOR WALLS.
14. WALLS TO BE PLATFORM FRAMED PER DETAIL 9/S514. MAXIMUM HEIGHT OF EACH PLATFORM LEVEL IS 10'-0".
15. ALL SCL FRAMED WALLS SHALL HAVE SCL STUDS, SILL PLATES, TOP PLATES, TRIMMERS, KING STUDS AND HEADERS.




ANCHOR BOLT HOLD-DOWN AND WALL TYPE PLAN

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

A / S102

Release Date: 27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|

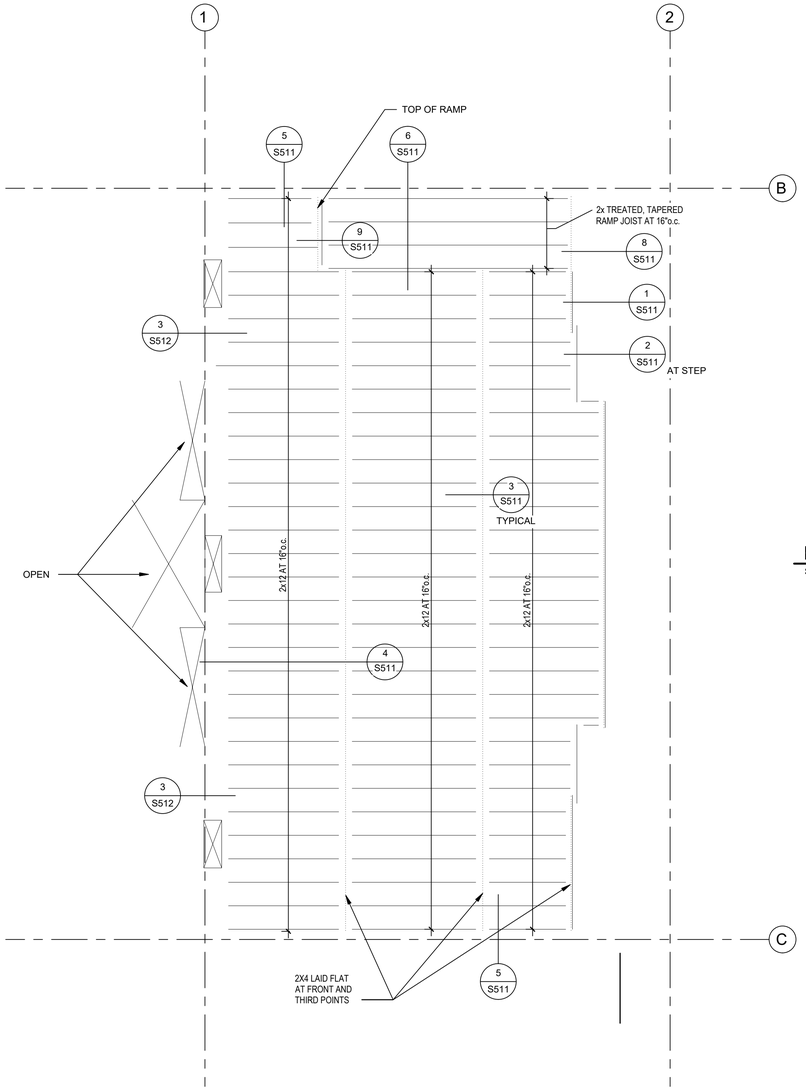
Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: ANCHOR BOLT HOLDOWN AND WALL TYPE PLAN

Sheet: S102

ROSTRUM FRAMING AND PLATFORM FRAMING PLAN NOTES:

1. SEE FRAMING SCHEDULES ON SHEET S604 FOR FLOOR SHEATHING AND NAILING REQUIREMENTS.
2. SEE ARCHITECTURAL FOR DIMENSIONS AND ELEVATIONS.

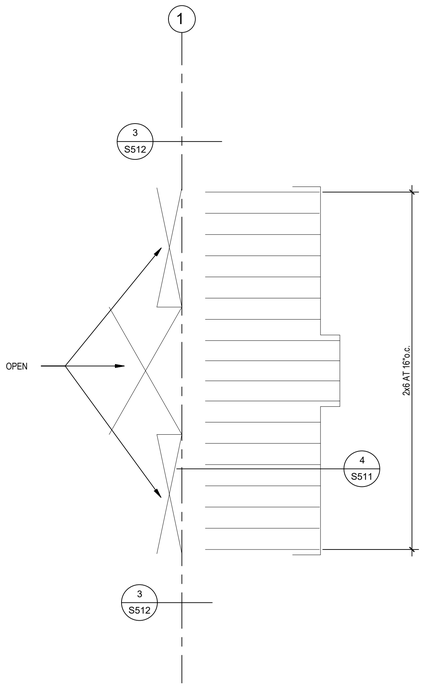



ROSTRUM FRAMING PLAN 1

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

A1 S103

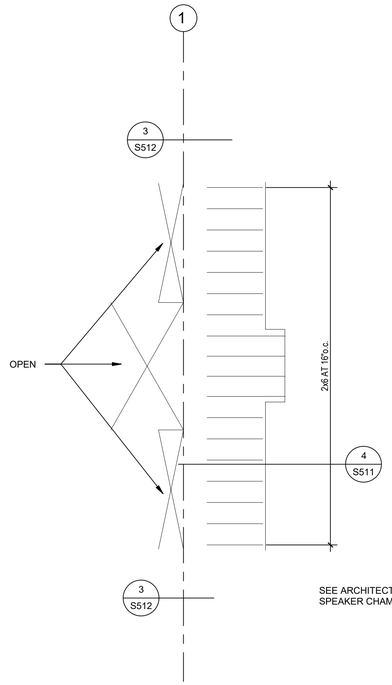
| ROSTRUM LOADING |
|---|
| DEAD LOAD = 15 psf |
| LIVE LOAD = 100 psf |
| TOTAL LOAD = 115 psf |




ROSTRUM FRAMING PLAN 2

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

A2 S103

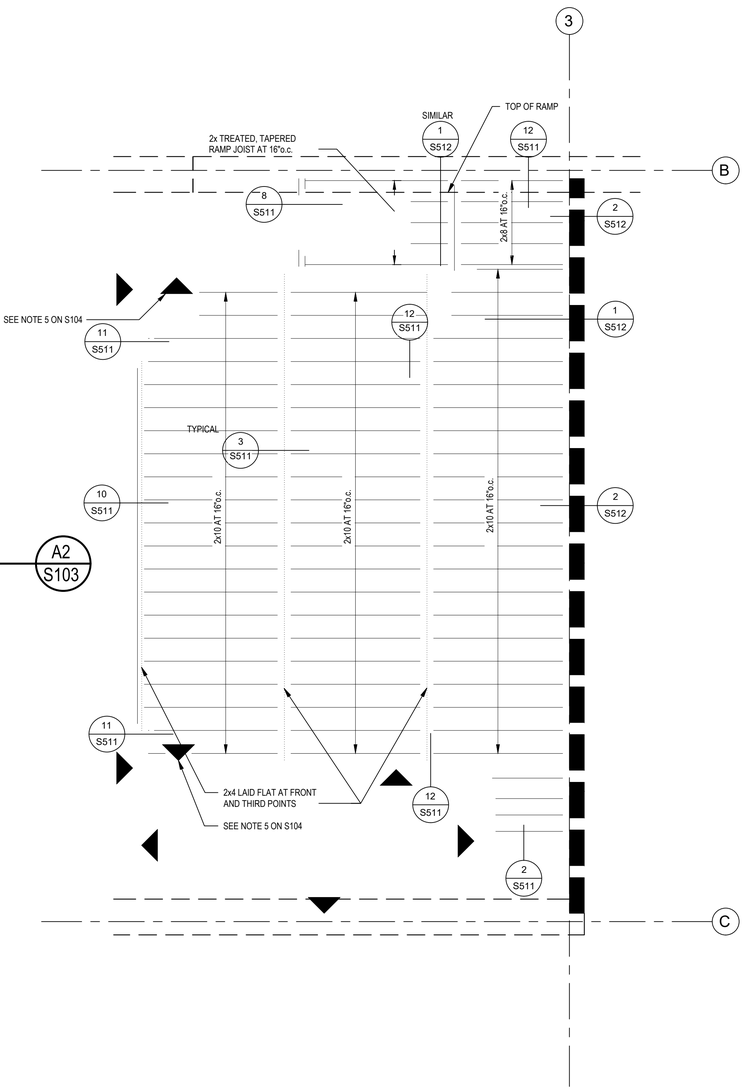



SEE ARCHITECTURAL FOR ORGAN SPEAKER CHAMBER FRAMING

ROSTRUM FRAMING PLAN 3

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

A3 S103




PLATFORM FRAMING PLAN

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

B S103

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

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| Mark | Date (D-M-Y) | Description |
|---|---|---|
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Project Number:
PCA-2610

Plan Series:
G-300-MH-11

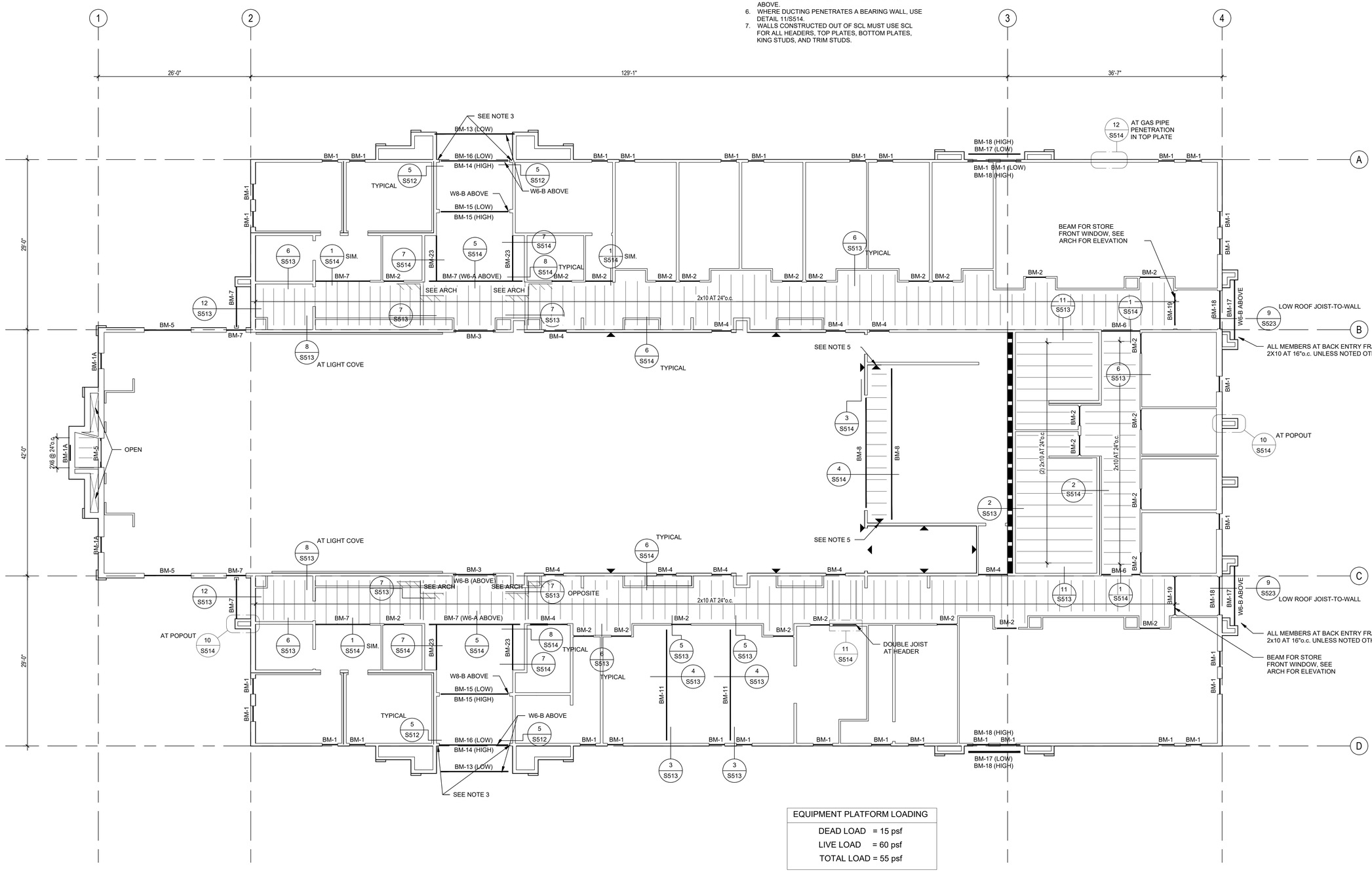
Property Number:
501-8721-26010101

Sheet Title:
ROSTRUM FRAMING AND PLATFORM FRAMING PLANS

Sheet:
S103

EQUIPMENT PLATFORM FRAMING PLAN NOTES

1. SEE FRAMING SCHEDULES ON SHEET S604 FOR FLOOR SHEATHING AND NAILING REQUIREMENTS.
2. SEE ARCHITECTURAL FOR DIMENSIONS AND ELEVATIONS.
3. (3) TOP PLATES TO BE CONTINUOUS THROUGH OPENING. SEE DETAIL 5/S512.
4. CONTRACTOR TO REFER TO THE ELECTRICAL DRAWINGS TO COORDINATE FRAMING LAYOUT WITH THE LIGHTING LAYOUT.
5. SHEATH INSIDE OF WALL FOR STABILITY OF BEAMS ABOVE.
6. WHERE DUCTING PENETRATES A BEARING WALL, USE DETAIL 11/S514.
7. WALLS CONSTRUCTED OUT OF SCL MUST USE SCL FOR ALL HEADERS, TOP PLATES, BOTTOM PLATES, KING STUDS, AND TRIM STUDS.




| EQUIPMENT PLATFORM LOADING |
|---|
| DEAD LOAD = 15 psf |
| LIVE LOAD = 60 psf |
| TOTAL LOAD = 55 psf |

EQUIPMENT PLATFORM FRAMING PLAN

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

A / S104

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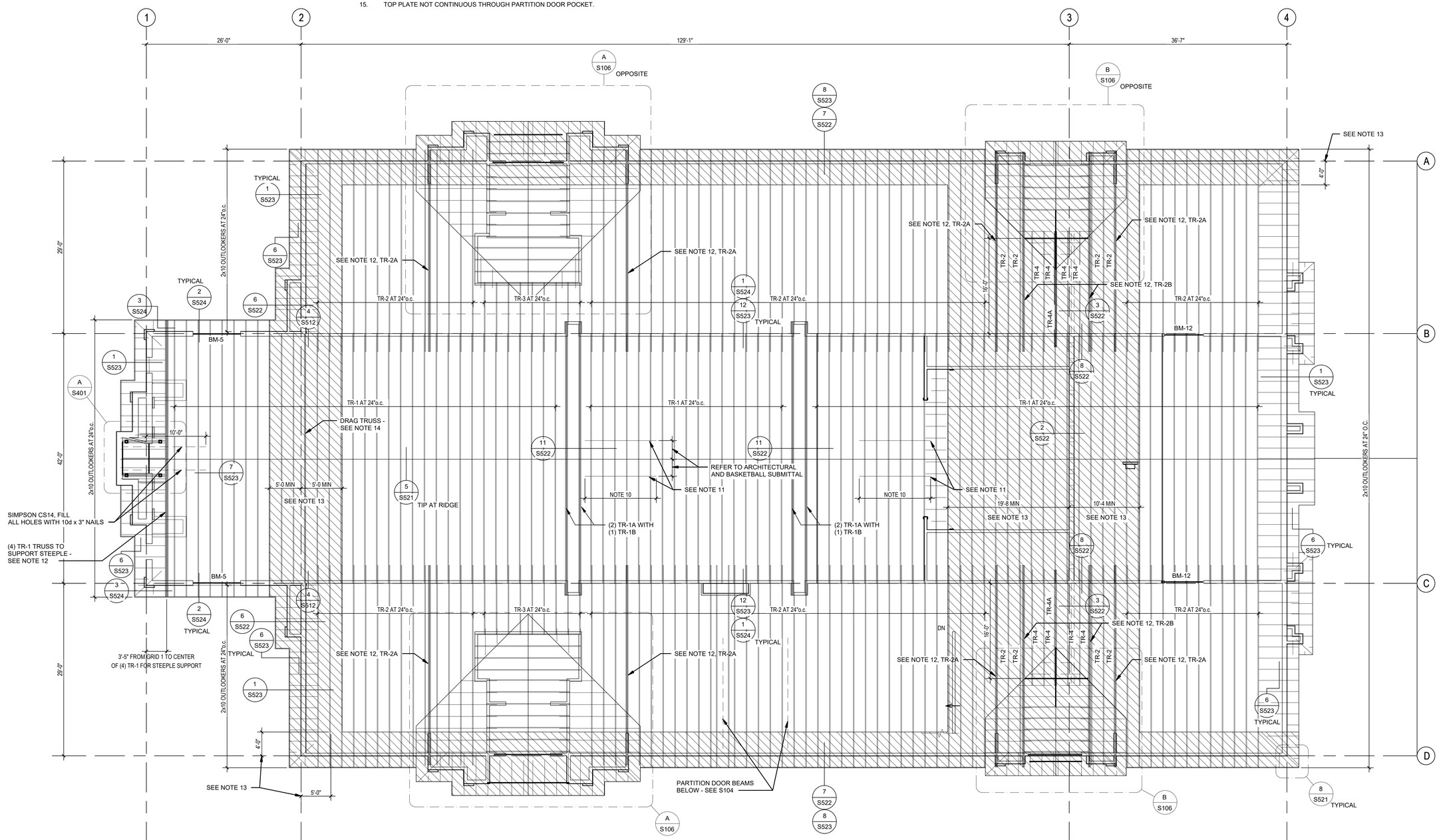
Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: EQUIPMENT PLATFORM FRAMING PLAN

Sheet: S104

ROOF FRAMING PLAN NOTES:

1. SEE DETAIL 1/S521 FOR TYPICAL TOP PLATE SPLICE DETAIL.
2. SEE DETAIL 2/S521 FOR TOP PLATE SPLICE SCHEDULE FOR PIPES THAT PENETRATE TOP PLATES.
3. SEE DETAILS 3/S521 AND 4/S521 FOR WALL PENETRATIONS.
4. SEE WOOD BEAM SCHEDULE ON S603 FOR BUILT-UP BEAM DETAIL.
5. SEE SCHEDULE ON SHEETS S603 AND S604 FOR WALL, ROOF, FLOOR SHEATHING AND NAILING REQUIREMENTS.
6. SEE ARCHITECTURAL PLANS FOR ROOF AND BEARING ELEVATIONS.
7. FOR UNMARKED INTERIOR HEADERS, USE (3) 2X6 FOR 2X6 WALLS AND (2) 2X6 FOR 2X4 WALLS. USE (1) BEARING AND (1) KING STUD.
8. SEE DETAILS 6/S521, 7/S521, AND 9/S521 FOR BRACING AT NON-STRUCTURAL WALLS.
9. ALL TRUSSES SPACED AT 2'-0"o.c.
10. ADD 750# POINT LOAD TO EACH OF (6) TRUSSES SUPPORTING BASKETBALL STANDARD.
11. (2) 2X12 x 12'-0" LONG SUPPORTS WITH (2) 19/32" WOOD FILLERS.
12. GIRDER TRUSS PER MANUFACTURER, SEE TR-2 PROFILE, 2/S203, FOR LOADING DIAGRAMS PER MARK. PROVIDE ONE BEARING STUD PER PLY UNDER TRUSS AT BEARING LOCATIONS.
13. TYPE 1 BLOCKED DIAPHRAGM, SEE SCHEDULE E/S604.
14. 2-PLY MINIMUM DRAG TRUSS. TRUSS MANUFACTURER FOR DESIGN TRUSS FOR 320 PLF ASD. ALIGN FACE OF 2-PLY TRUSS ON INTERIOR FACE OF STUD WALL ON GRID 2.
15. TOP PLATE NOT CONTINUOUS THROUGH PARTITION DOOR POCKET.




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

A S105

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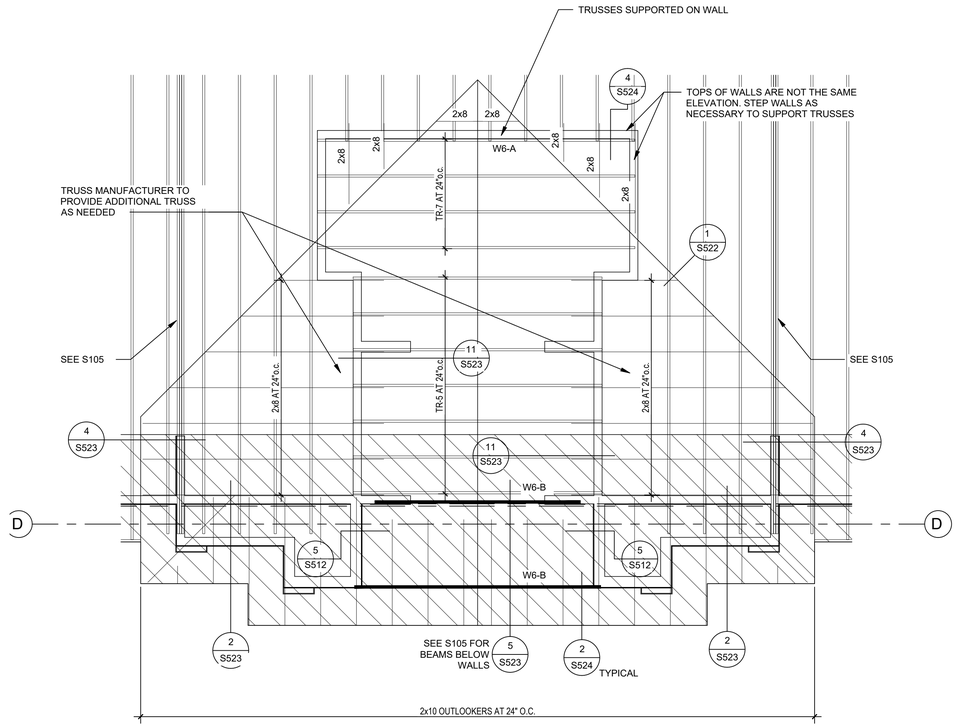
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
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| - | - | - |

Project Number:
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Plan Series:
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Property Number:
501-8721-26010101

Sheet Title:
ROOF FRAMING PLAN

Sheet:
S105

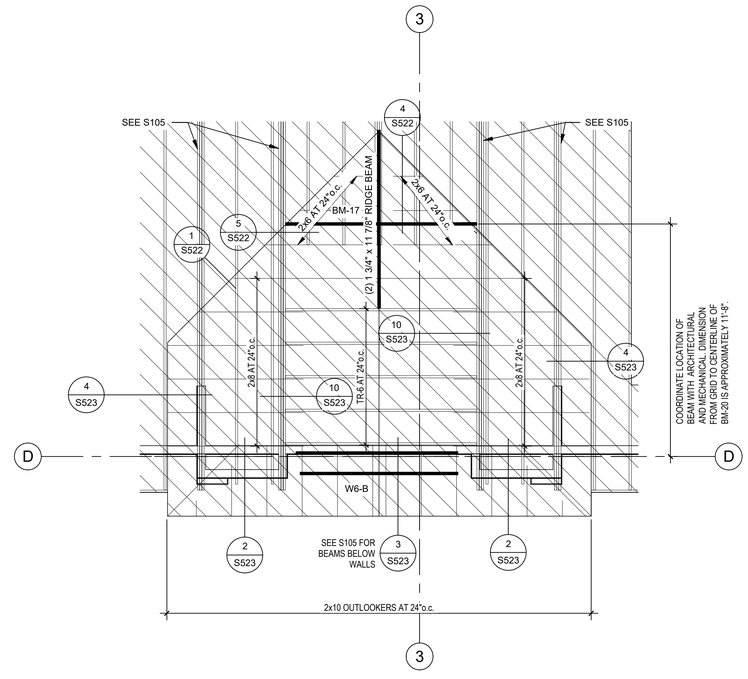



ENLARGED ROOF FRAMING PLAN

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

A S106

ENLARGED ROOF FRAMING PLAN NOTES:
1. SEE S105 FOR ROOF FRAMING NOTES, ROOF LOADING TABLE, AND ADDITIONAL FRAMING INFORMATION




ENLARGED ROOF FRAMING PLAN

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

B S106

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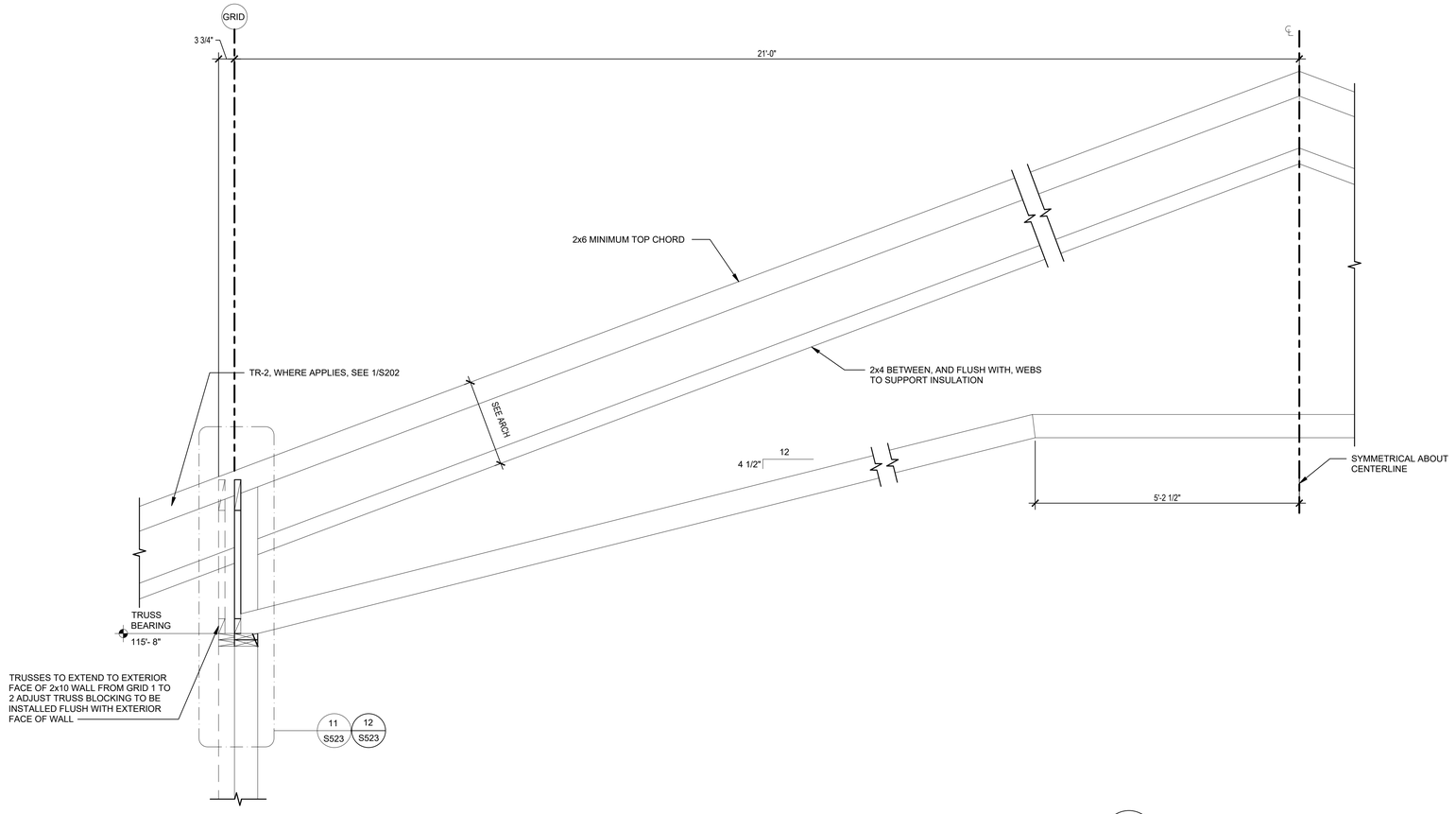
Project for:
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Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
ENLARGED ROOF FRAMING PLANS

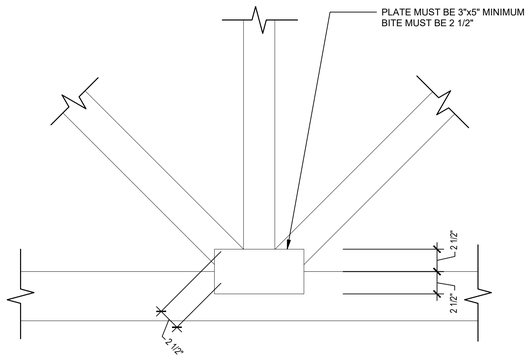
Sheet:
S106




TR-1 TRUSS ELEVATION

SCALE : NONE

1
S201




TYPICAL GUSSET TO TRUSS SCHEMATIC

SCALE : NONE

2
S201

| TR-1 TRUSS LOADS (ASD) | | | | | |
|---|---|---|---|---|---|
| A | B | C | D | E | F |
| BALANCED SNOW/ROOF LIVE LOAD (plf) | TOP CHORD DEAD LOAD (plf) | WINDWARD LOAD (plf) | LEEWARD LOAD (plf) | LEEWARD EXTENT (FT'-IN" LOAD (plf) | BOTTOM CHORD LOAD (plf) |
| 40 | 48 | 10 | 27 | 5'-6" | 16 |

## TR-1 TRUSS NOTES:

1. SEE S201 FOR GENERAL TRUSS NOTES.
2. TR-1 WIND LOADS ARE ASD LOADS.
3. SEISMIC LOADS DO NOT CONTROL DESIGN.
4. TRUSS TO BE (4) PLY AT STEEPLE SUPPORT.
5. TOP CHORD AT (4) PLY TRUSS AT STEEPLE TO BE 2x10.
6. LOAD DIAGRAMS 3,4,5,6, AND 7 APPLY TO TRUSSES AT STEEPLE SUPPORT.
7. LOAD DIAGRAMS 8 AND 9 APPLY TO TRUSSES AT FOLDING PARTITION DOORS, SEE TR-1A.
8. ADD 750# POINT LOAD TO EACH TRUSS SUPPORTING BASKETBALL STANDARD. SEE S105 AND ARCHITECTURAL.

## TR-1 LOAD COMBINATIONS

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

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

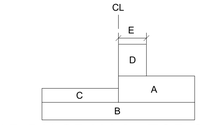
## GENERAL TRUSS NOTES

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

## TR-1 LOAD DIAGRAMS

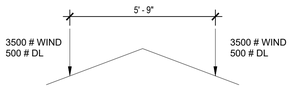



LOAD DIAGRAM 1 - TOP CHORD



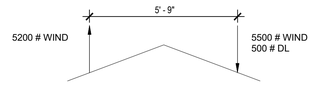

LOAD DIAGRAM 2 - TOP CHORD

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



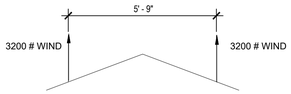

LOAD DIAGRAM 3 - TOP CHORD

WIND IN LONG DIRECTION



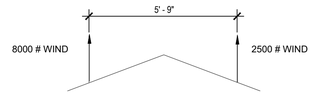

LOAD DIAGRAM 4 - TOP CHORD

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



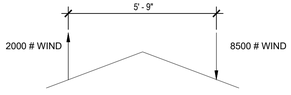

LOAD DIAGRAM 5 - TOP CHORD

WIND IN LONG DIRECTION




LOAD DIAGRAM 6 - TOP CHORD

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




LOAD DIAGRAM 7 - TOP CHORD

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




LOAD DIAGRAM 8 - BOTTOM CHORD




LOAD DIAGRAM 9 - BOTTOM CHORD




LOAD DIAGRAM 10 - BOTTOM CHORD

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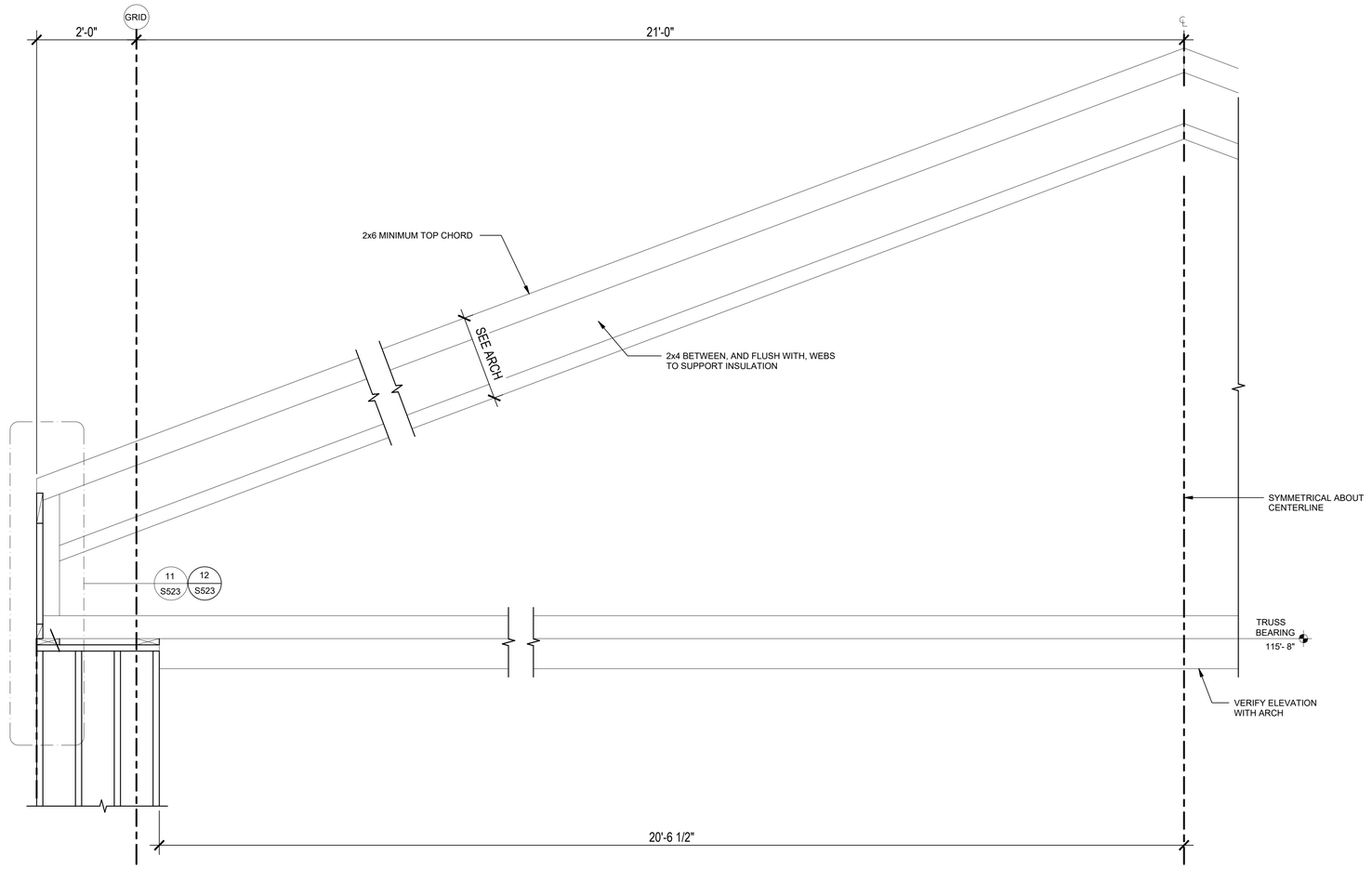
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| Mark | Date | Description |
|---|---|---|
| | | |

Project Number:
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Plan Series:
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Property Number:
501-8721-26010101

Sheet Title:
TRUSS ELEVATIONS

Sheet:
S201




TR-1A TRUSS ELEVATION

SCALE : NONE

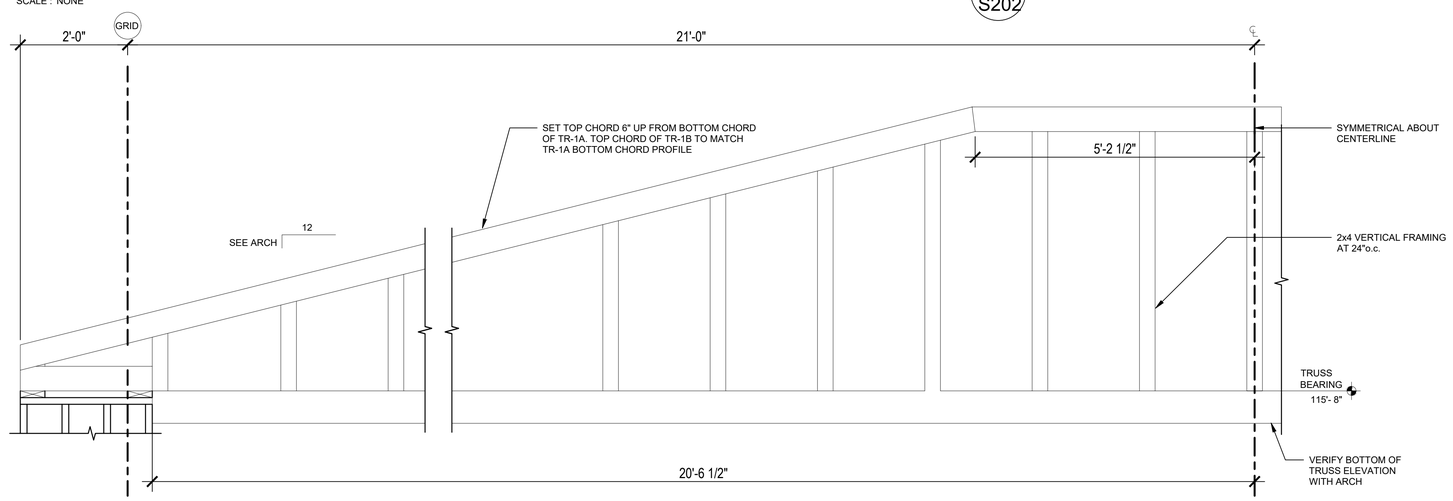
1
S202

## TR-1A TRUSS NOTES:

1. SEE S201 FOR GENERAL TRUSS NOTES.
2. SEISMIC LOADS DO NOT CONTROL DESIGN.
3. LOAD DIAGRAMS 8 AND 9 APPLY TO TR-1A AT FOLDING PARTITION DOORS.
4. AT FOLDING PARTITION TRUSSES, LIMIT TOTAL LOAD DEFLECTION TO L/240, LIMIT LIVE LOAD DEFLECTION TO L/360, AND A MAXIMUM DEFLECTION OF 1/2" UNDER EITHER TOTAL LOAD OR LIVE LOAD.

## TR-1A LOAD COMBINATIONS

COMBINATION LOAD 1: LOAD DIAGRAMS 1,10
COMBINATION LOAD 2: LOAD DIAGRAMS 2,10
COMBINATION LOAD 1: LOAD DIAGRAMS 1,8,10
COMBINATION LOAD 2: LOAD DIAGRAMS 1,9,10
COMBINATION LOAD 3: LOAD DIAGRAMS 2,8,10
COMBINATION LOAD 4: LOAD DIAGRAMS 2,9,10




TR-1B TRUSS ELEVATION

SCALE : NONE

2
S202

## TR-1B TRUSS NOTES:

1. SEE S201 FOR GENERAL TRUSS NOTES
2. TR-1B HAS NO APPLIED GRAVITY LOADS AND DOES NOT SUPPORT INSULATION
3. SEE 10/S522 FOR SCHEMATIC FRAMING OF TR-1B TO TR-1A

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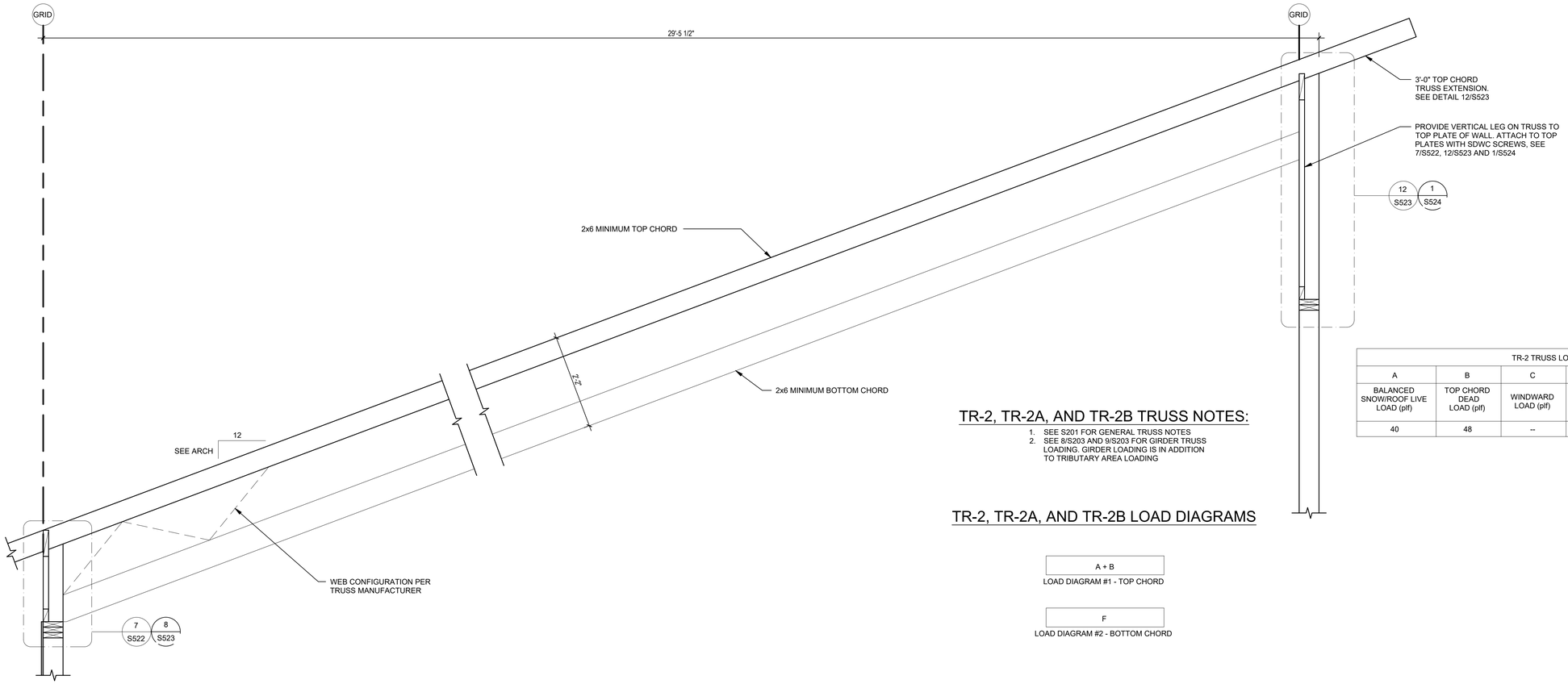
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| Mark | Date (D-M-Y) | Description |
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Sheet Title:
TRUSS ELEVATIONS

Sheet:
S202




| TR-2 TRUSS LOADS (ASD) | | | | | |
|---|---|---|---|---|---|
| A | B | C | D | E | F |
| BALANCED SNOW/ROOF LIVE LOAD (plf) | TOP CHORD DEAD LOAD (plf) | WINDWARD LOAD (plf) | LEEWARD LOAD (plf) | LEEWARD EXTENT (FT'-IN" LOAD (plf) | BOTTOM CHORD LOAD (plf) |
| 40 | 48 | -- | -- | -- | 16 |

## TR-2, TR-2A, AND TR-2B TRUSS NOTES:

1. SEE S201 FOR GENERAL TRUSS NOTES
2. SEE 8/S203 AND 9/S203 FOR GIRDER TRUSS LOADING. GIRDER LOADING IS IN ADDITION TO TRIBUTARY AREA LOADING

## TR-2, TR-2A, AND TR-2B LOAD DIAGRAMS

A + B

LOAD DIAGRAM #1 - TOP CHORD

F

LOAD DIAGRAM #2 - BOTTOM CHORD

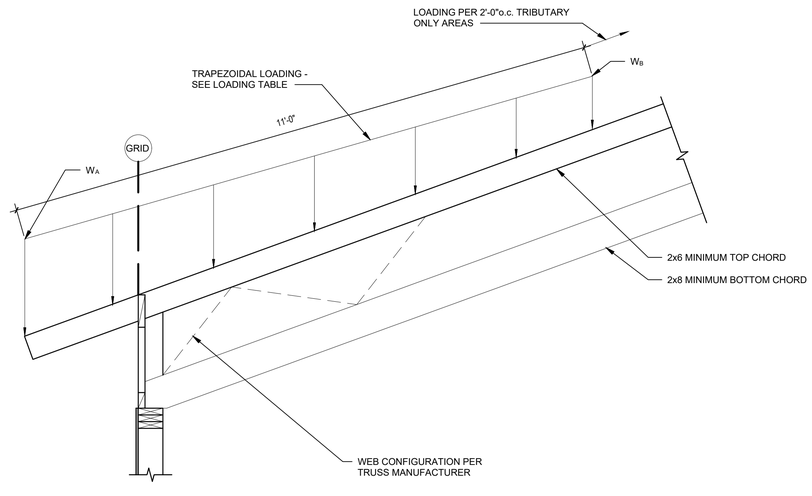
## TR-2, TR-2A, AND TR-2B LOAD COMBINATIONS

COMBINATION LOAD 1: DIAGRAMS 1 AND 2

## TR-2 TRUSS ELEVATION

SCALE : NONE

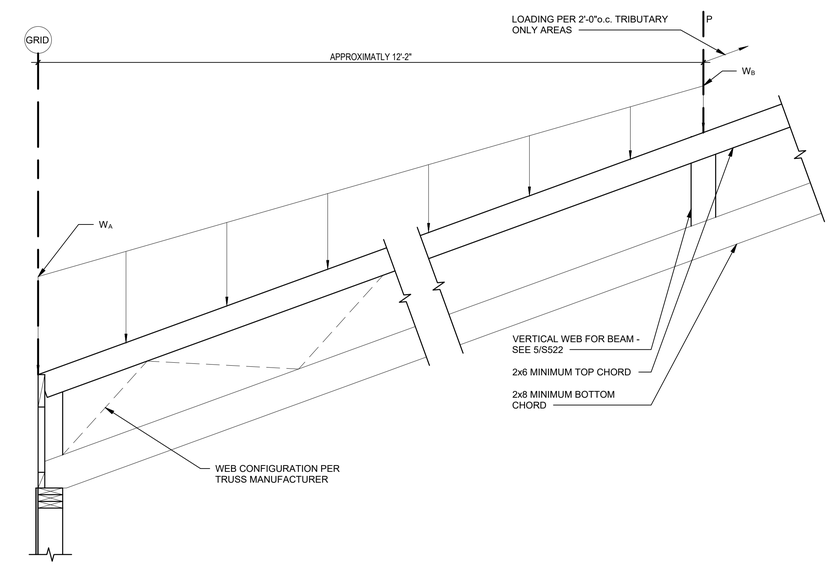
7 S203




## GIRDER LOADING FOR TR-2A

SCALE : NONE

8 S203




## GIRDER LOADING FOR TR-2B

SCALE : NONE

9 S203

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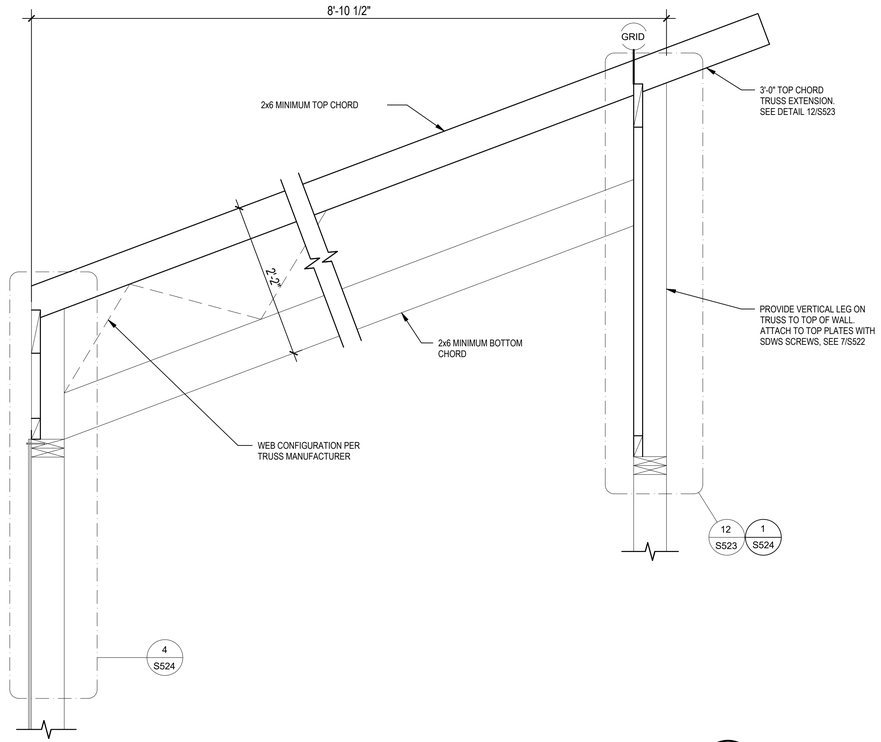
Project for:
THE CHURCH OF
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| Mark | Date (YY-MM-DD) | Description |
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Property Number:
501-8721-26010101

Sheet Title:
TRUSS
ELEVATIONS

Sheet:
S203




TR-3 TRUSS ELEVATION

SCALE : NONE

1
S204

## TR-3 AND TR-4 LOAD DIAGRAM

A + B

LOAD DIAGRAM #1 - TOP CHORD

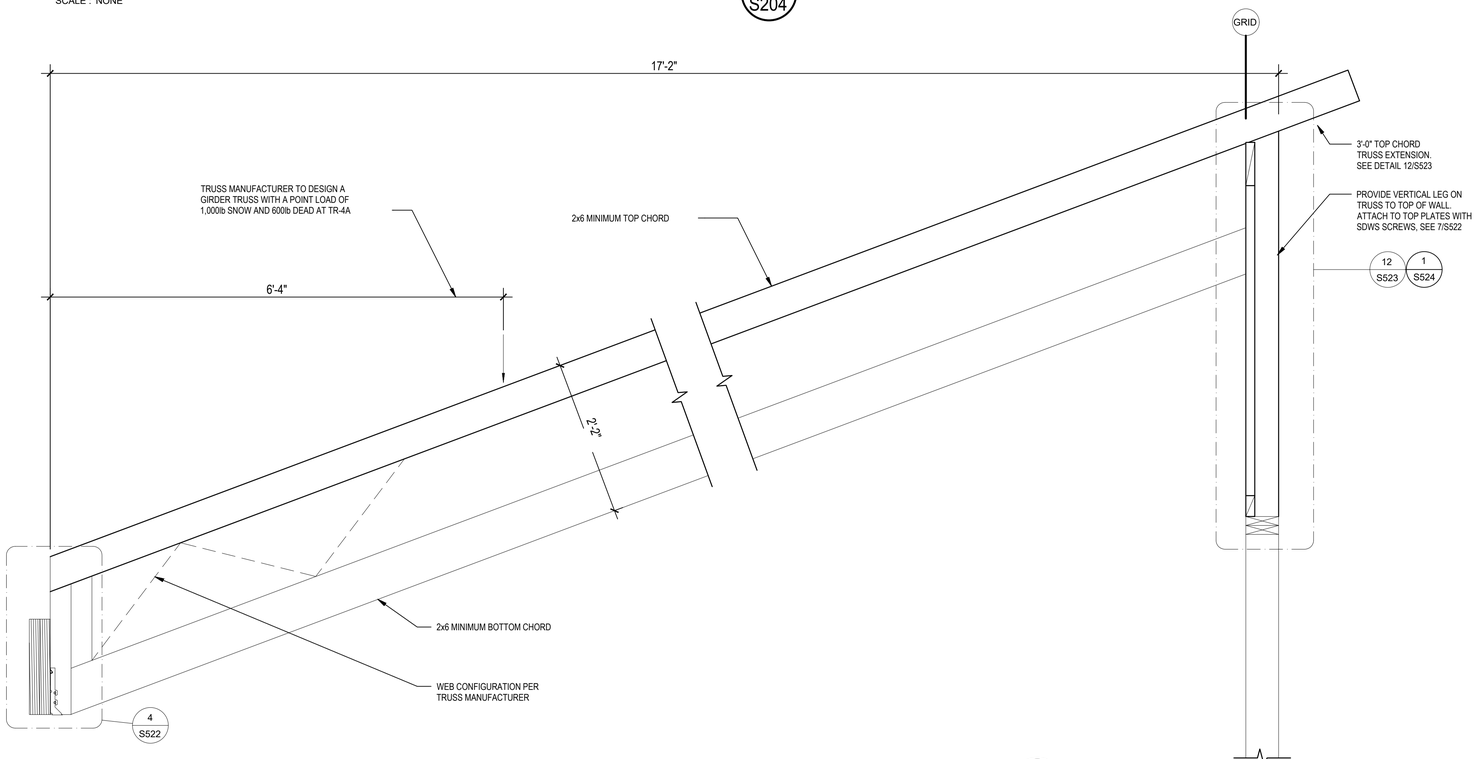
F

LOAD DIAGRAM #2 - BOTTOM CHORD

## TR-3 AND TR-4 LOAD COMBINATIONS

COMBINATION LOAD 1: DIAGRAMS 1 AND 2

| TR-3 AND TR-4 TRUSS LOADS (ASD) | | | | | |
|---|---|---|---|---|---|
| A | B | C | D | E | F |
| BALANCED SNOW/ROOF LIVE LOAD (plf) | TOP CHORD DEAD LOAD (plf) | WINDWARD LOAD (plf) | LEEWARD LOAD (plf) | LEEWARD EXTENT (FT-IN" LOAD (plf) | BOTTOM CHORD LOAD (plf) |
| 40 | 48 | -- | -- | -- | 16 |




TR-4 TRUSS ELEVATION

SCALE : NONE

2
S204

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27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-MM-Y) | Description |
|---|---|---|
| , | , | , |
| , | , | , |

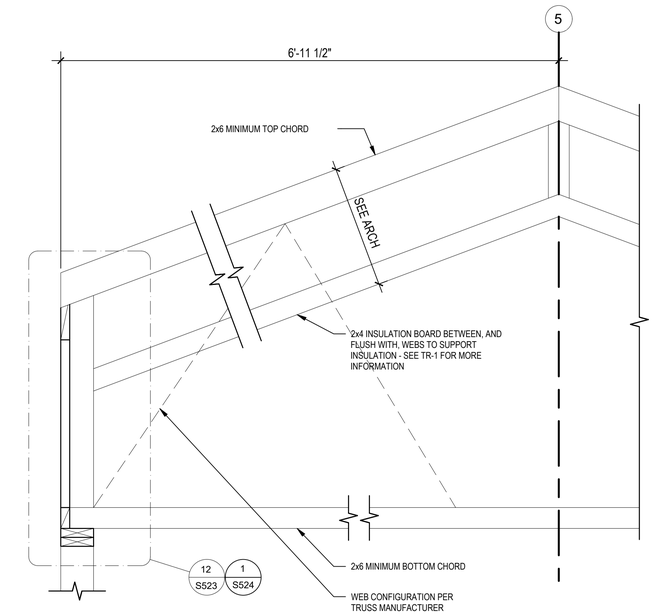
Project Number:
PCA-2610

Plan Series:
G-300-MH-11

Property Number:
501-8721-26010101

Sheet Title:
TRUSS
ELEVATIONS

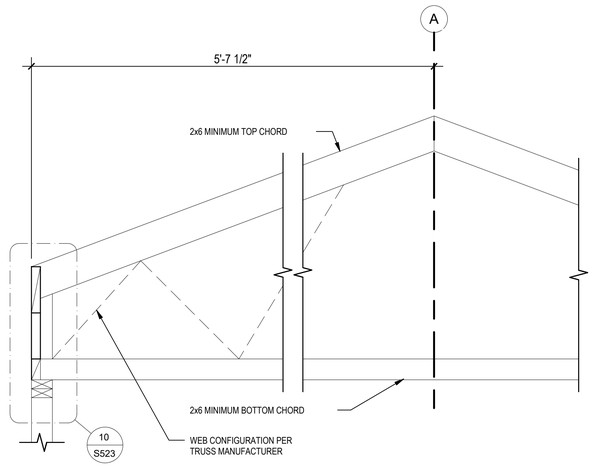
Sheet:
S204




TR-5 TRUSS ELEVATION

SCALE : NONE

1 S205




TR-6 TRUSS ELEVATION

SCALE : NONE

2 S205

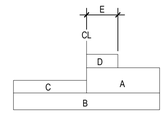
## TR-5, TR-6 AND TR-7 TRUSS NOTES

1. SEE S201 FOR GENERAL TRUSS NOTES

## TR-5, TR-6 AND TR-7 LOAD DIAGRAM




LOAD DIAGRAM #1 - TOP CHORD




LOAD DIAGRAM #2 - TOP CHORD

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

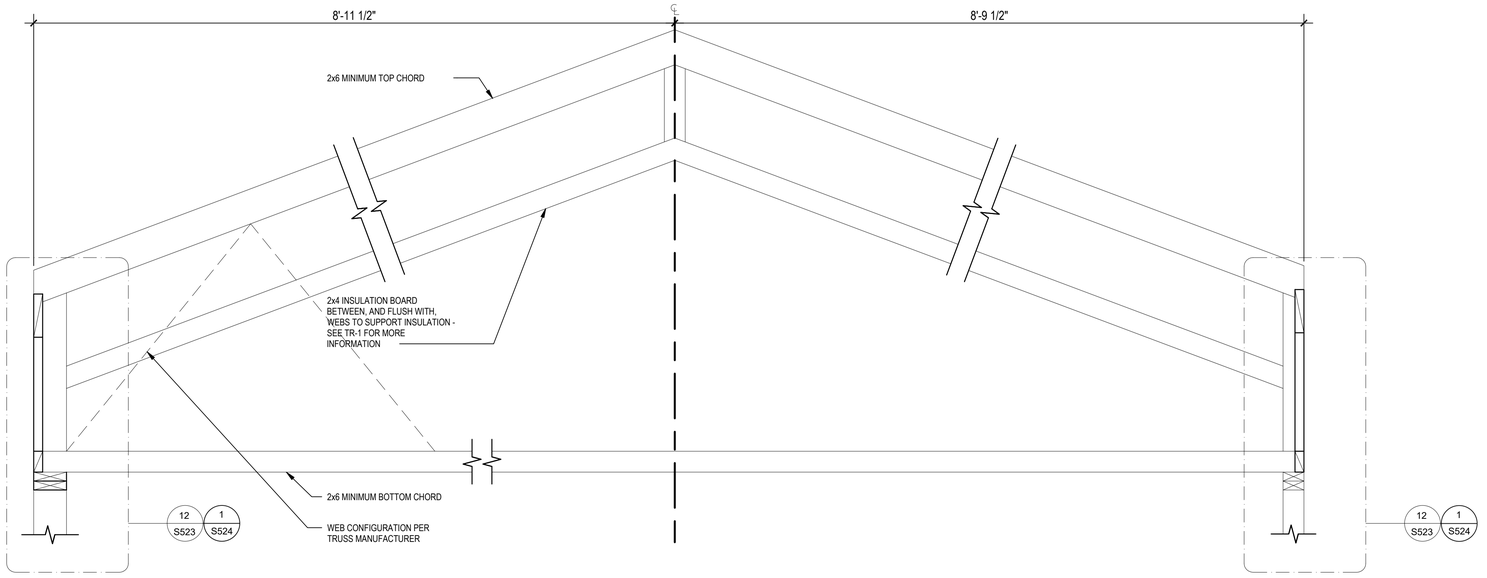



LOAD DIAGRAM #3 - BOTTOM CHORD

## TR-5, TR-6 AND TR-7 LOAD COMBINATIONS

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

| TR-5, TR-6 AND TR-7 TRUSS LOADS (ASD) | | | | | |
|---|---|---|---|---|---|
| A | B | C | D | E | F |
| BALANCED SNOW/ROOF LIVE LOAD (plf) | TOP CHORD DEAD LOAD (plf) | WINDWARD LOAD (plf) | LEEWARD LOAD (plf) | LEEWARD EXTENT (FT'-IN" LOAD (plf) | BOTTOM CHORD LOAD (plf) |
| 40 | 48 | 10 | 27 | 5'-6" | 16 |




TR-7 TRUSS ELEVATION

SCALE : NONE

3 S205

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WASHINGTON, UT 84780

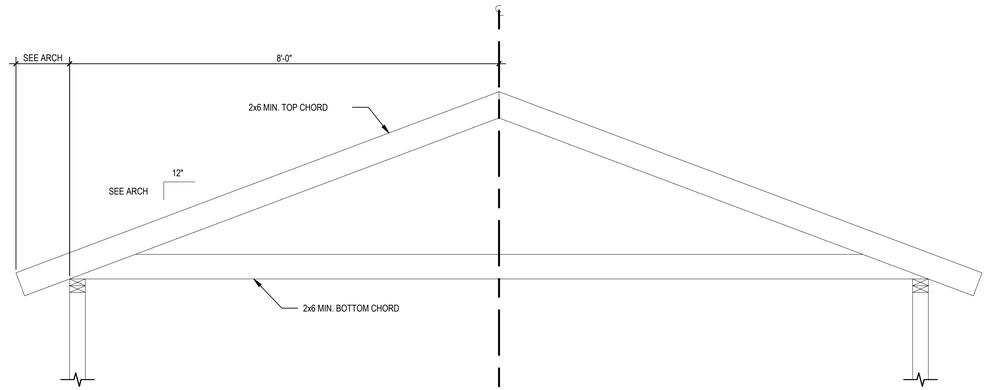
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
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G-300-MH-11
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TRUSS ELEVATIONS

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| TR-8 TRUSS LOADS (ASD) | | | | | |
|---|---|---|---|---|---|
| A | B | C | D | E | F |
| BALANCED SNOW/ROOF LIVE LOAD (plf) | TOP CHORD DEAD LOAD (plf) | WINDWARD LOAD (plf) | LEEWARD LOAD (plf) | LEEWARD EXTENT (FT'-IN" LOAD (plf) | BOTTOM CHORD LOAD (plf) |
| 40 | 48 | 10 | 26 | 5'-6" | 16 |

## TR- TRUSS NOTES:

1. SEE S201 FOR GENERAL TRUSS NOTES.

## TR- LOAD DIAGRAMS




LOAD DIAGRAM 1 - TOP CHORD




LOAD DIAGRAM 2 - TOP CHORD

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




LOAD DIAGRAM 3 - BOTTOM CHORD

## TR-S (STORAGE SHED) TRUSS ELEVATION

SCALE : NONE

1
S206

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LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

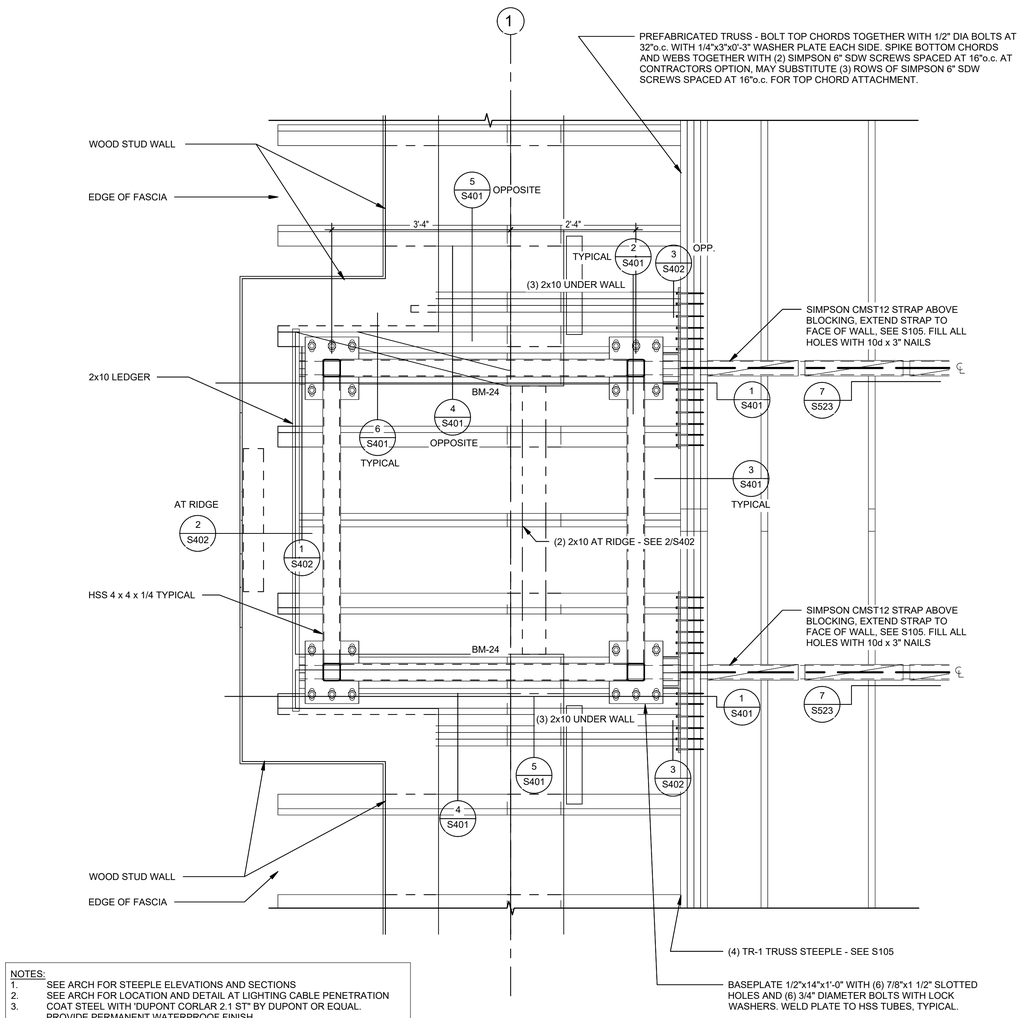
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
TRUSS
ELEVATIONS

Sheet:
S206

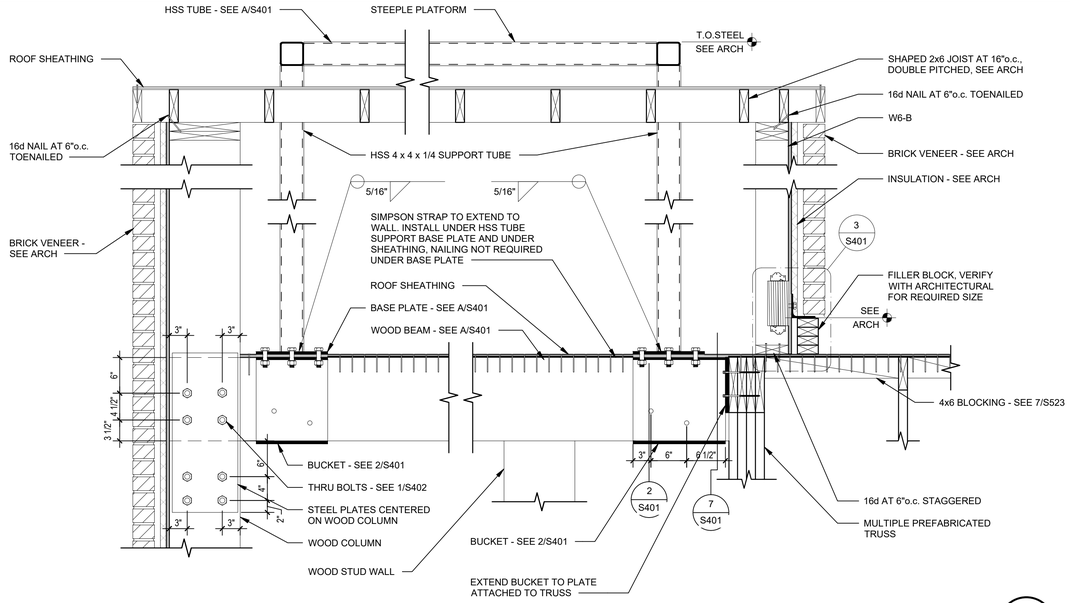



NOTES:
1. SEE ARCH FOR STEEPLE ELEVATIONS AND SECTIONS
2. SEE ARCH FOR LOCATION AND DETAIL AT LIGHTING CABLE PENETRATION
3. COAT STEEL WITH 'DUPONT CORLAR 2.1 ST' BY DUPONT OR EQUAL. PROVIDE PERMANENT WATERPROOF FINISH
4. SEE ARCHITECT FOR WALLS ABOVE

## ENLARGED ROOF FRAMING PLAN

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

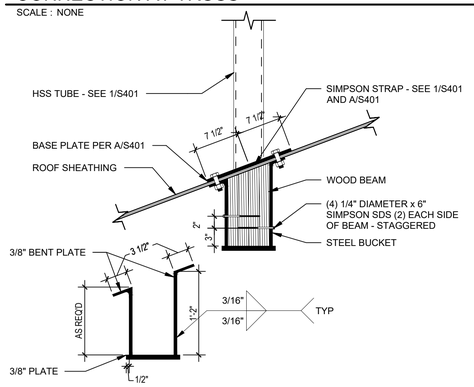
A S401




## CONNECTION AT TRUSS

SCALE : NONE

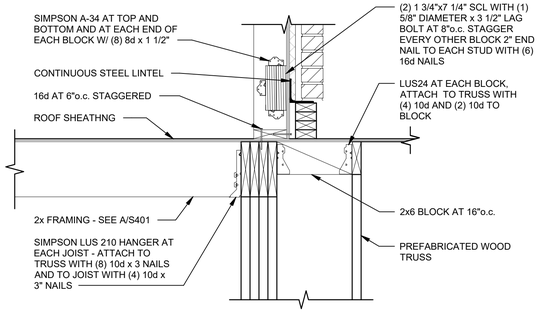
1 S401




## BASE PLATE CONNECTION AT WOOD BEAM

SCALE : NONE

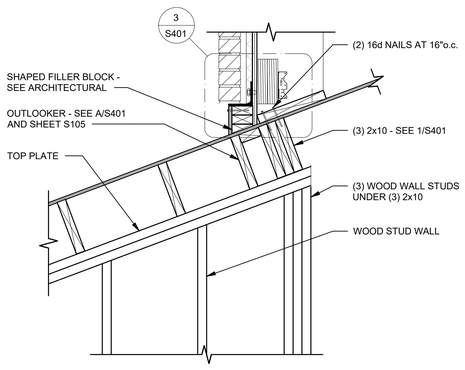
2 S401




## STEEPLE DETAIL AT JOIST

SCALE : NONE

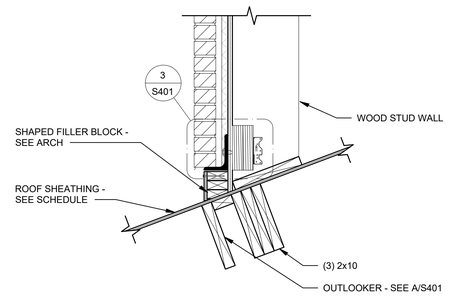
3 S401




## BEAM BEARING AT STEEPLE

SCALE : NONE

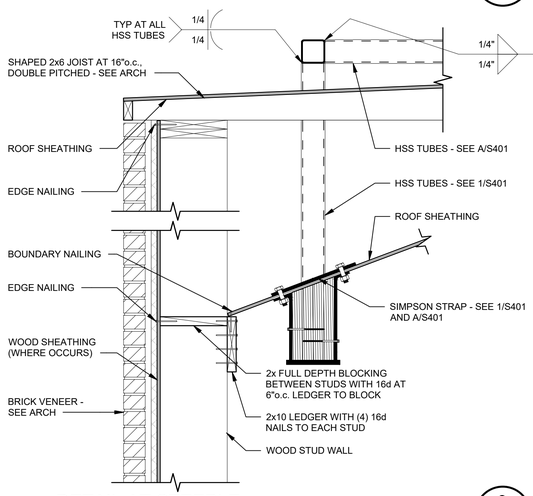
4 S401




## WALL DETAIL AT STEEPLE

SCALE : NONE

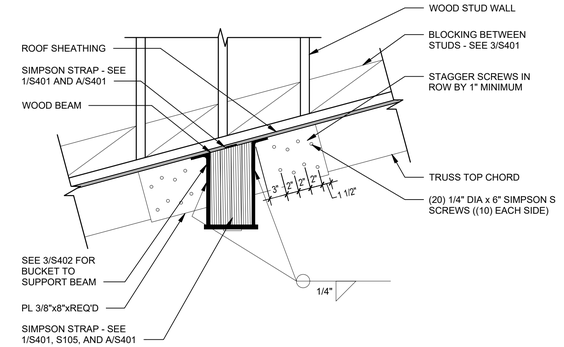
5 S401




## DETAIL AT STEEPLE

SCALE : NONE

6 S401




## WOOD BEAM CONNETION TO GIRDER TRUSS

SCALE : NONE

7 S401

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Project Name:
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WASHINGTON, UT 84780

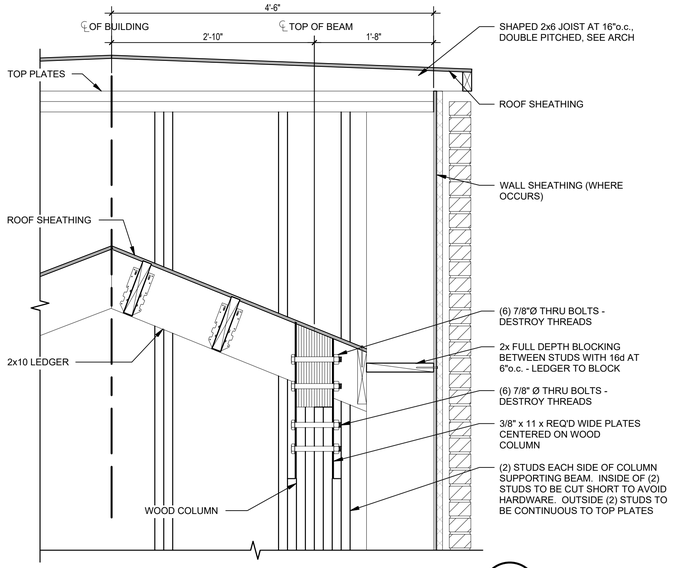
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
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Project Number:
PCA-2610
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G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
STEEPLE PLATFORM FRAMING, AND DETAILS

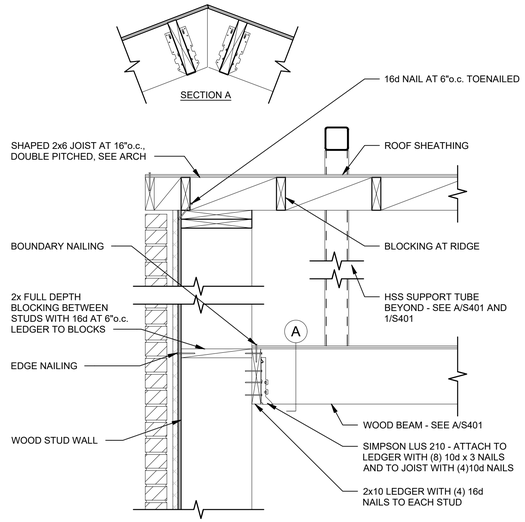
Sheet:
S401




## DETAIL AT STEEPLE - FRONT WALL

SCALE : NONE

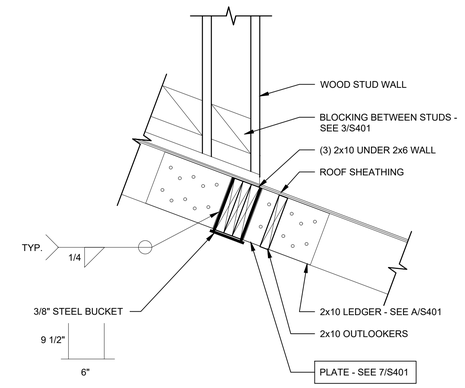
1 / S402




## ROOF FRAMING AT STEEPLE

SCALE : NONE

2 / S402




## (3) 2x10 BEAM TO TRUSS

SCALE : NONE

3 / S402

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GRANGER 300
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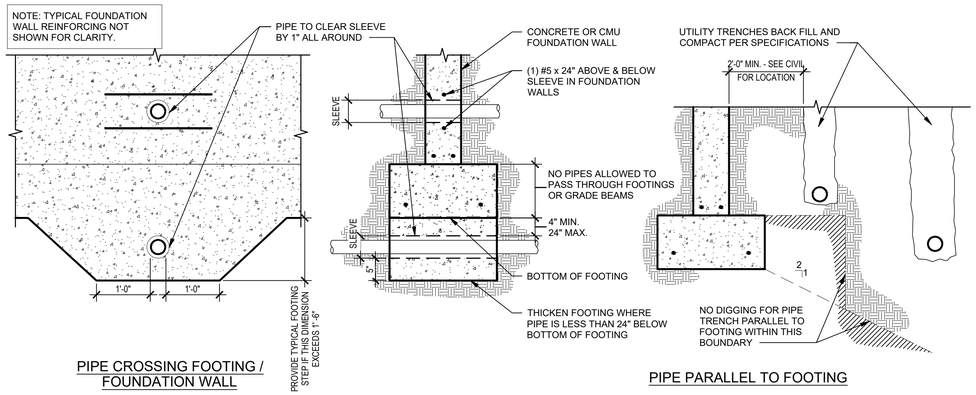
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
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Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
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Sheet Title:
STEEPLE
DETAILS

Sheet:
S402



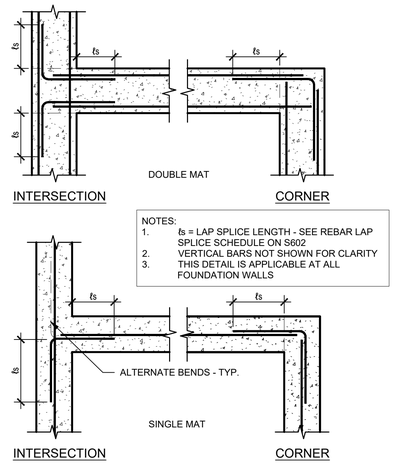

PIPE CROSSING FOOTING / FOUNDATION WALL

PIPE PARALLEL TO FOOTING

## TYPICAL PIPE PERPENDICULAR AND PARALLEL TO FOOTING DETAIL

SCALE : NONE

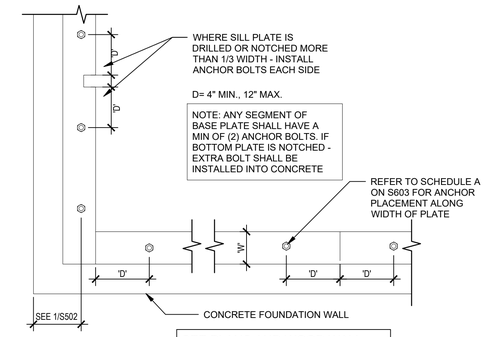
1 / S501




## TYPICAL REINFORCING AT INTERSECTIONS IN CONCRETE WALLS

SCALE : NONE

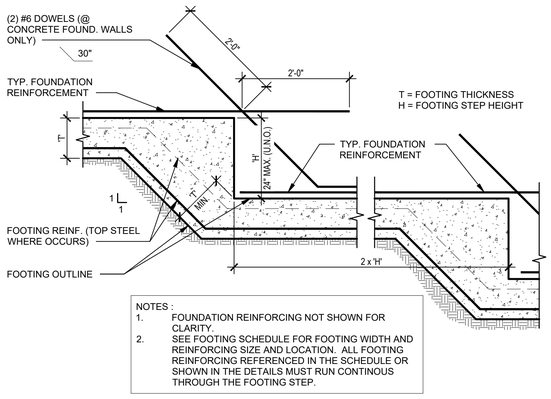
2 / S501




## TYPICAL SILL PLATE BOLTING DETAIL

SCALE : NONE

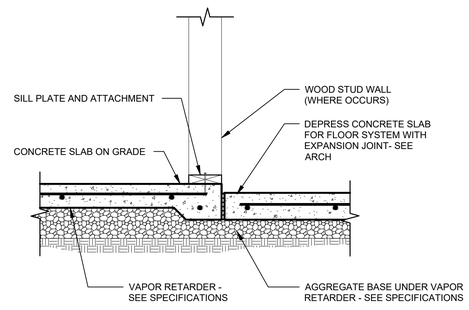
3 / S501




## TYPICAL FOOTING STEP DETAIL

SCALE : NONE

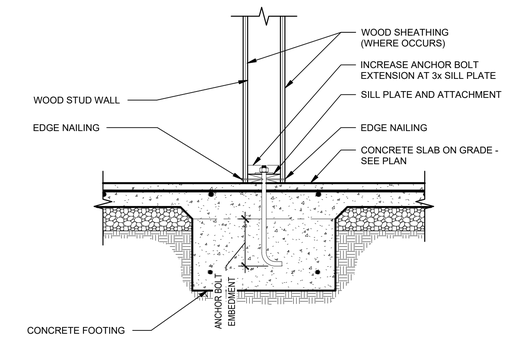
4 / S501




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

SCALE : NONE

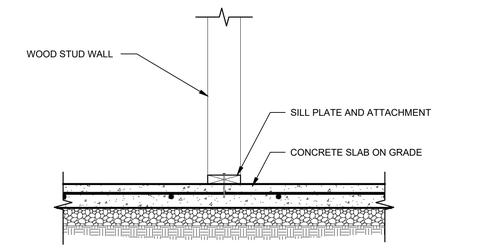
5 / S501




## INTERIOR CONCRETE FOOTING

SCALE : NONE

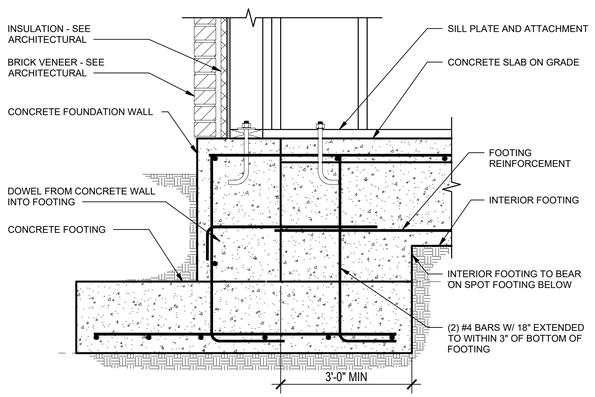
6 / S501




## NON-STRUCTURAL STUD AT SLAB ON GRADE

SCALE : NONE

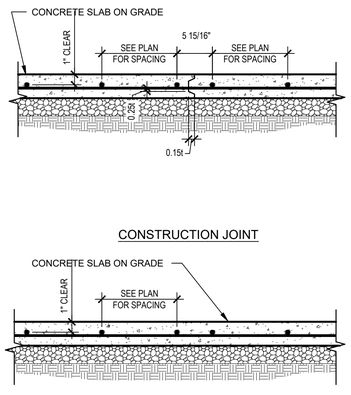
7 / S501




## TYPICAL FOOTING STEP AT EXTERIOR FOUNDATION WALL

SCALE : NONE

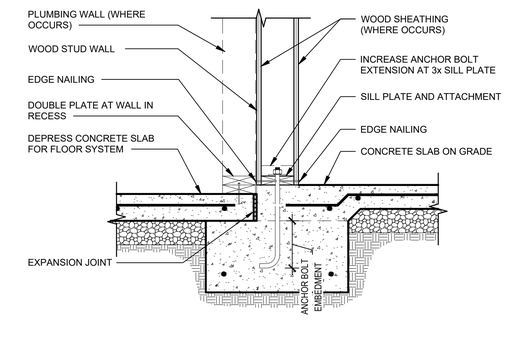
8 / S501




## TYPICAL SLAB ON GRADE DETAILS

SCALE : NONE

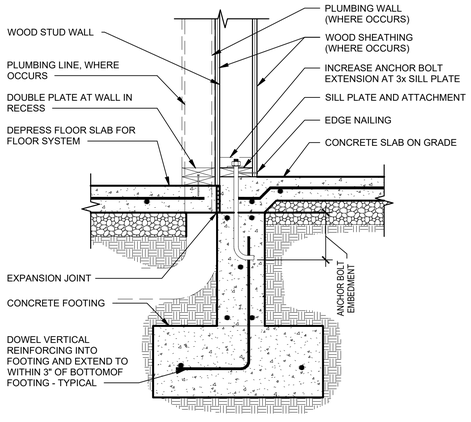
9 / S501




## BEARING WALL DETAIL AT FLOOR OFFSET

SCALE : NONE

10 / S501




## BEARING WALL DETAIL AT FLOOR OFFSET WITH FOUNDATION SYSTEM

SCALE : NONE

11 / S501

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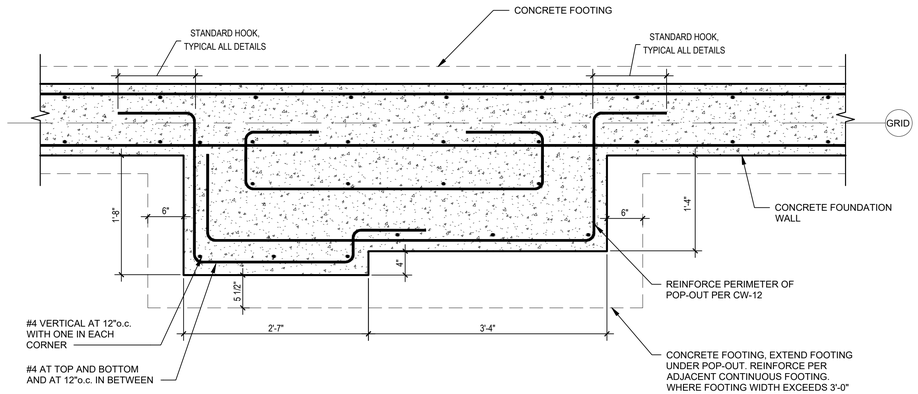
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: FOUNDATION DETAILS

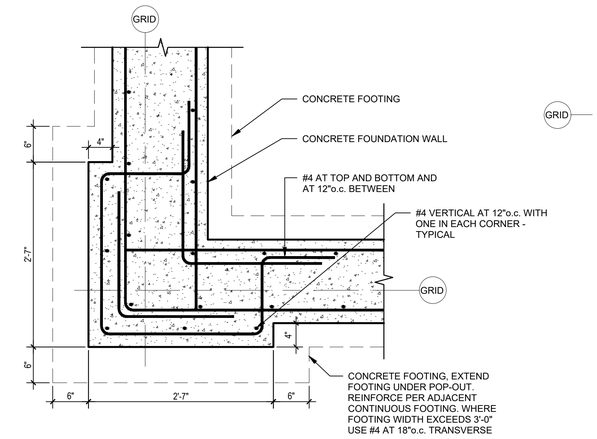
Sheet: S501




FOUNDATION POP-OUT CONFIGURATION AT SIDE DORMERS

SCALE : NONE

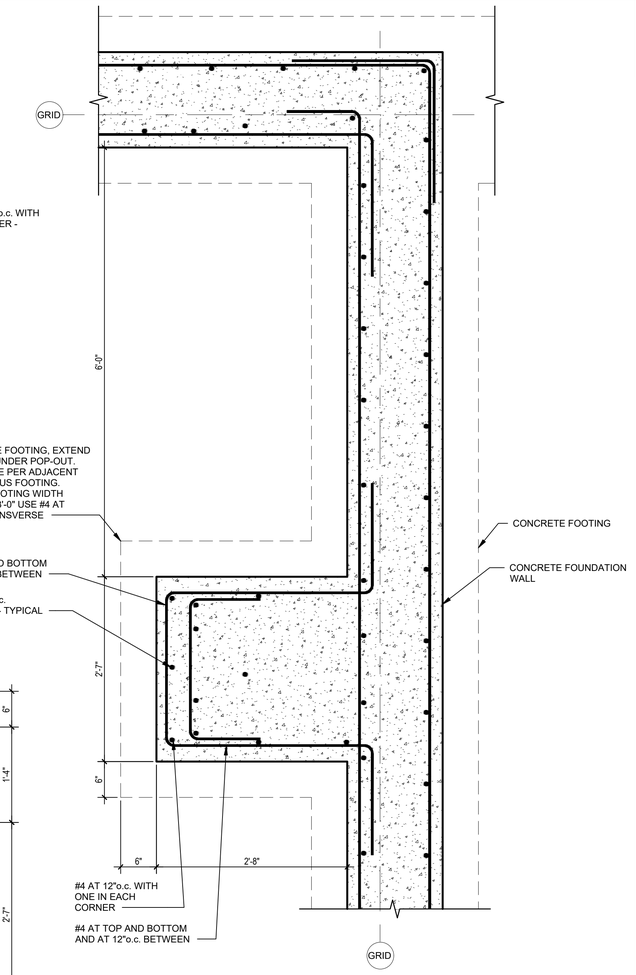
1 S502

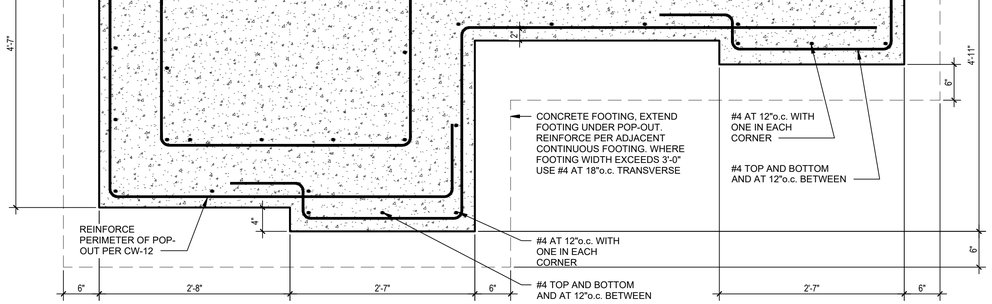



FOUNDATION POP-OUT CONFIGURATION AT FRONT OF BUILDING

SCALE : NONE

S502

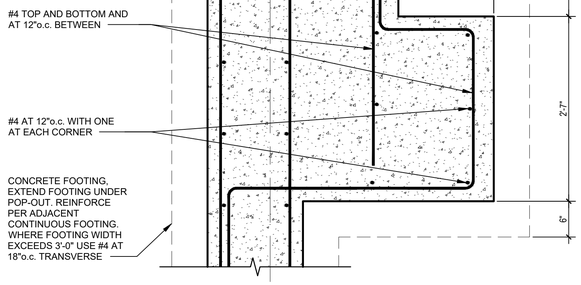



FOUNDATION POP-OUT CONFIGURATION AT ENTRIES

SCALE : NONE

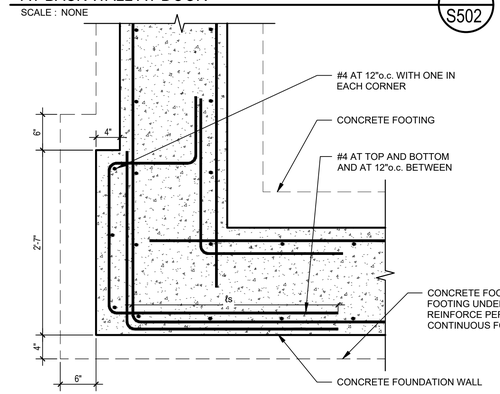
4 S502




FOUNDATION POP-OUT CONFIGURATION ON SIDES FACING FRONT OF BUILDING

SCALE : NONE

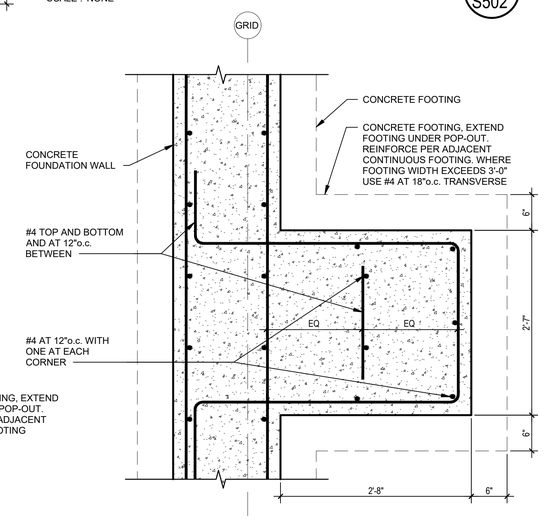
3 S502




FOUNDATION POP-OUT CONFIGURATION AT BACK WALL AT DOOR

SCALE : NONE

5 S502




FOUNDATION POP-OUT CONFIGURATION AT FRONT OF BUILDING

SCALE : NONE

6 S502

FOUNDATION POP-OUT CONFIGURATION AT BACK WALL

SCALE : NONE

7 S502

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Project Name:
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WASHINGTON, UT 84780

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

| Mark | Date (DAY) | Description |
|---|---|---|

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: FOUNDATION DETIALS

Sheet: S502

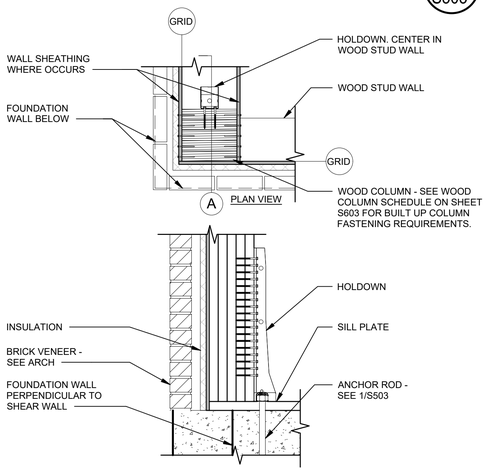
| HOLDOWN ANCHOR ATTACHMENT | | | |
|---|---|---|---|
| SIMPSON HOLD DOWN MODEL NO. | ATTACHMENT FASTENERS [2] | EMBEDMENT DEPTH [3] | ANCHOR BOLT [1,4,5] |
| HDU2 | (6) SDS 1/4" x 2 1/2" | 1'-6" | 5/8" DIAMETER F1554, GR 36 ROD WITH DOUBLE NUT AND WASHER |
| HDU5 | (14) SDS 1/4" x 2 1/2" | 1'-6" | 5/8" DIAMETER F1554, GR 36 ROD WITH DOUBLE NUT AND WASHER |
| HDU8 | (20) SDS 1/4" x 2 1/2" | 1'-6" | 7/8" DIAMETER F1554, GR 36 ROD WITH DOUBLE NUT AND WASHER |
| HDU14 | (36) SDS 1/4" x 2 1/2" | 2'-0" | 1" DIAMETER F1554, GR 36 ROD WITH DOUBLE NUT AND WASHER |
| | | | |
| | | | |

NOTES:

1. ALL FASTENERS FOR PRESERVATIVE AND TREATED WOOD SHALL BE HOT DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICONE BRONZE OR COPPER, UNLESS WOOD IS BORATE TREATED. EXCEPTION: PLAIN CARBON STEEL FASTENERS, INCLUDING NUTS AND WASHERS IN SBX/DOT AND ZINC BORATE PRESERVATIVE-TREATED WOOD INSTALLED IN AN INTERIOR, DRY ENVIRONMENT ARE PERMITTED.
2. ALL WOOD COLUMNS TO BE NAILED OR BOLTED TOGETHER PER SCHEDULE ON S603 PRIOR TO HOLDOWN INSTALLATION.
3. EMBEDMENT DEPTH, $l_e$, IS TO BE FROM TOP OF FOUNDATION WALL OR BOTTOM OF SLAB ON GRADE.
4. HOLDOWN ANCHORS TO BE CENTERED IN STUD WALL AND TO HAVE 4" MIN. CLEARANCE TO FACE OF CONCRETE WALL.
5. WASHER TO BE 3/8" x 4" x 4".

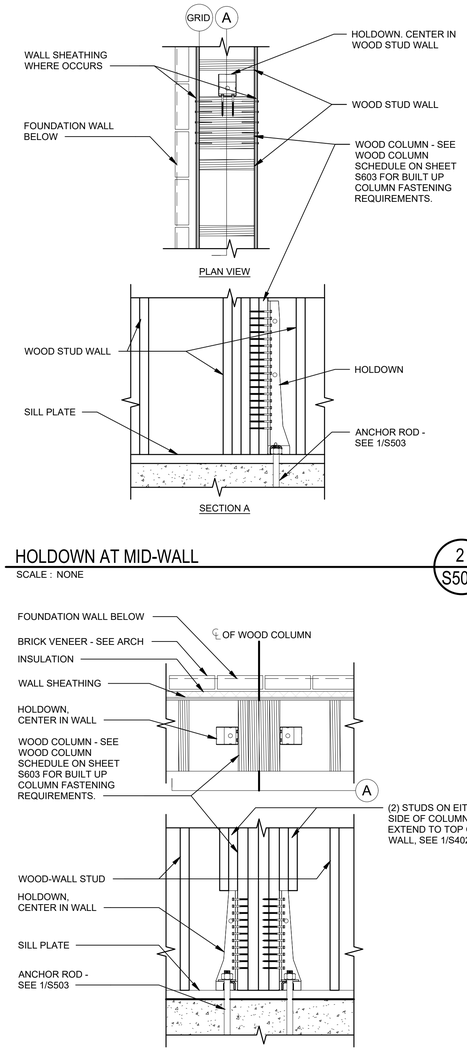
## HOLDOWN ANCHOR BOLT SCHEDULE — 1/S503

SCALE : NONE



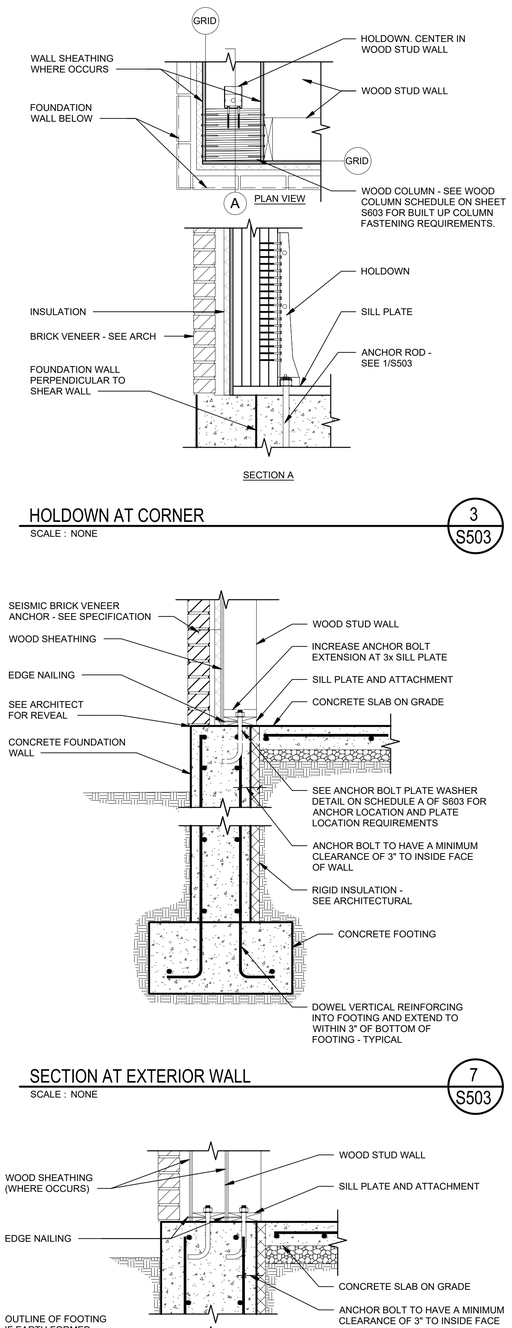

## HOLDOWN AT MID-WALL — 2/S503

SCALE : NONE



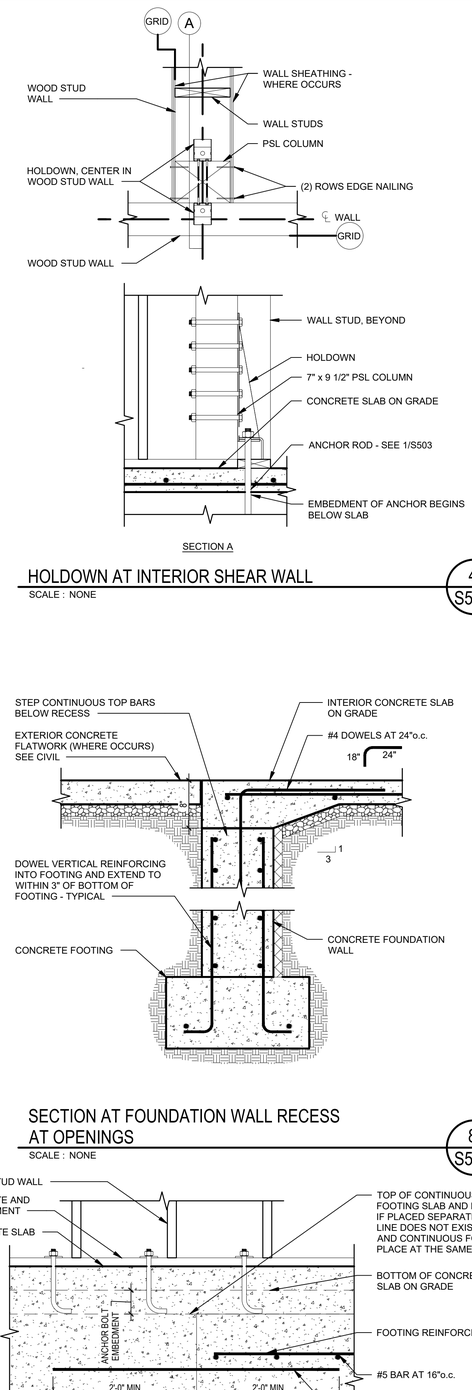

## HOLDOWN AT CORNER — 3/S503

SCALE : NONE



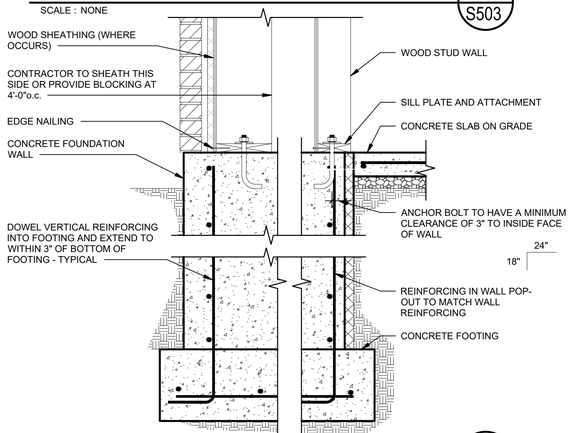

## HOLDOWN AT INTERIOR SHEAR WALL — 4/S503

SCALE : NONE



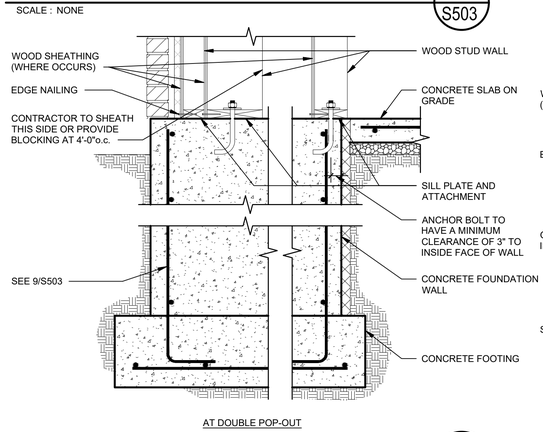

## POP-OUT — 9/S503

SCALE : NONE




## DOUBLE WALL POP-OUT — 10/S503

SCALE : NONE




## NARROW POP-OUT — 11/S503

SCALE : NONE



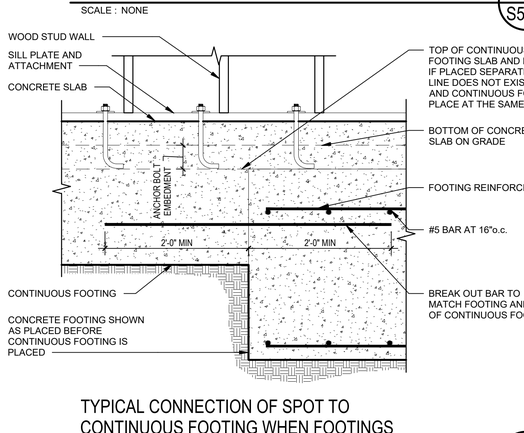

## SECTION AT EXTERIOR WALL — 7/S503

SCALE : NONE




## SECTION AT FOUNDATION WALL RECESS AT OPENINGS — 8/S503

SCALE : NONE




## TYPICAL CONNECTION OF SPOT TO CONTINUOUS FOOTING WHEN FOOTINGS ARE PLACED AT DIFFERENT TIMES — 12/S503

SCALE : NONE




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Stamp:

Project Name:
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WASHINGTON, UT 84780

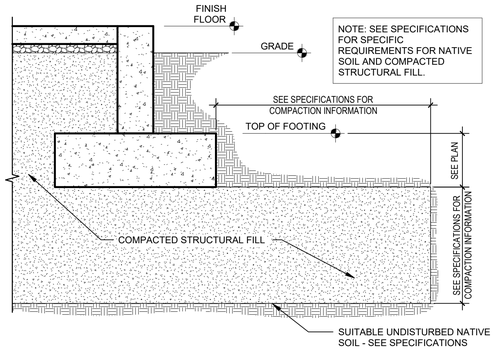
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
FOUNDATION DETIALS

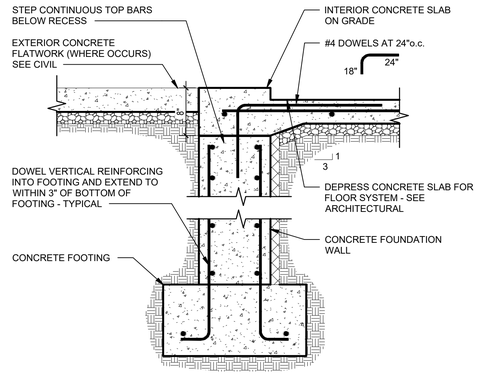
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S503




TYPICAL FOOTING OVER COMPACTED STRUCTURAL FILL

SCALE : NONE

1 S504




SECTION AT FOUNDATION WALL RECESS AT OPENINGS

SCALE : NONE

2 S504

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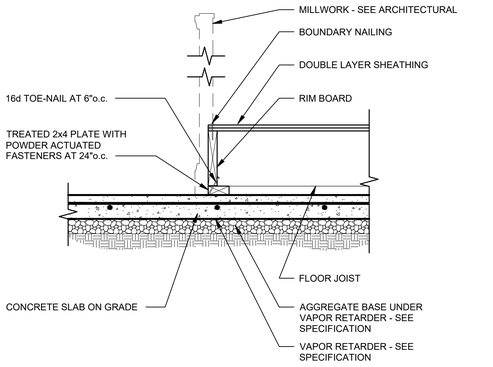
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| - | - | - |
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Project Number:
PCA-2610
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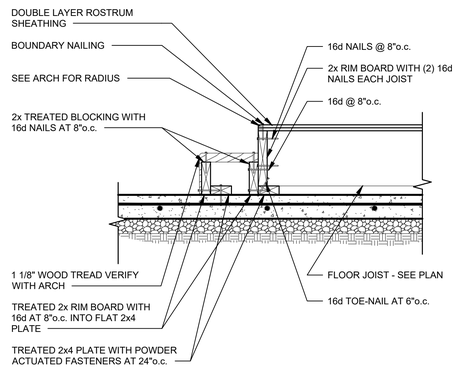
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FOUNDATION DETIALS

Sheet:
S504



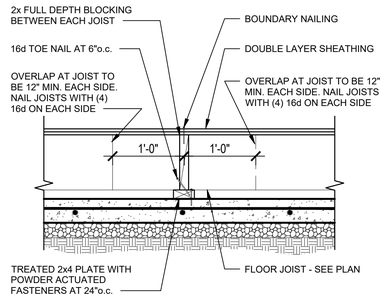

ROSTRUM FRONT EDGE — 1 / S511

SCALE : NONE



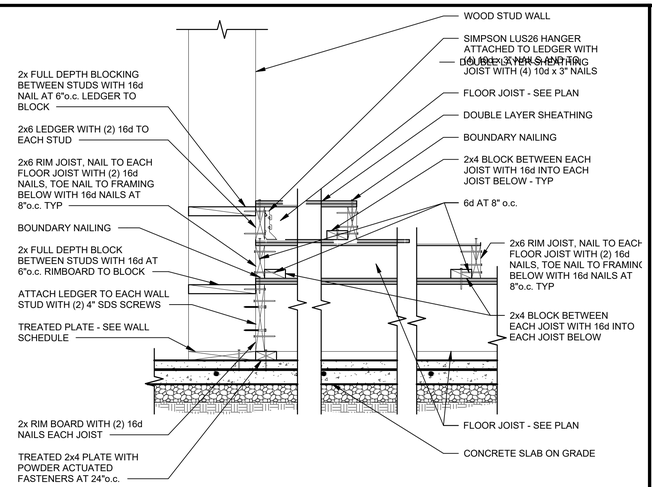

STAIRS — 2 / S511

SCALE : NONE



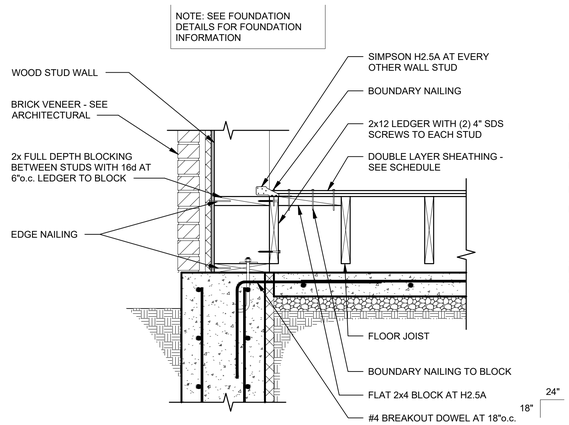

JOIST BEARING — 3 / S511

SCALE : NONE



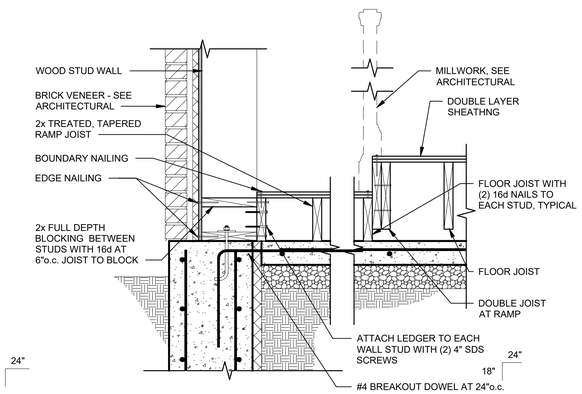

ROSTRUM OVERBUILD — 4 / S511

SCALE : NONE




ROSTRUM DETAIL AT EXTERIOR WALL — 5 / S511

SCALE : NONE



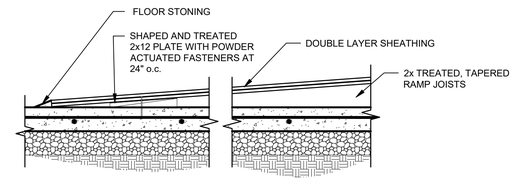

ROSTRUM RAMP AT EXTERIOR WALL — 6 / S511

SCALE : NONE

NOT USED

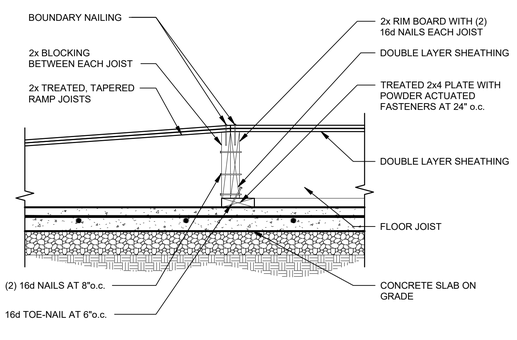
DETAIL (NOT USED) — 7 / S511

SCALE : NONE



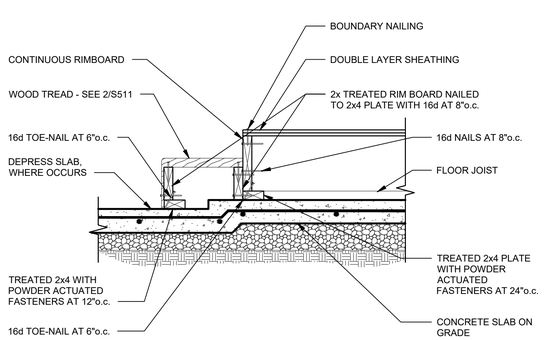

RAMP AT EDGE — 8 / S511

SCALE : NONE



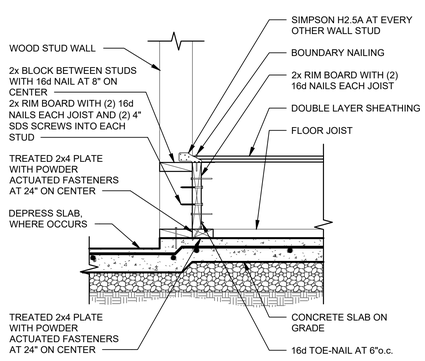

RAMP AT END — 9 / S511

SCALE : NONE



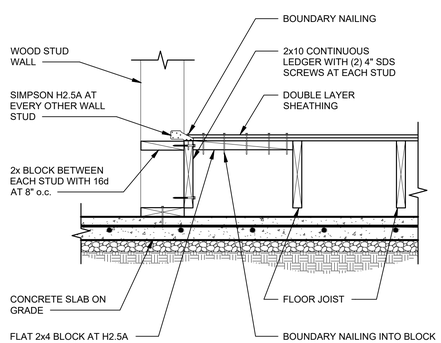

PLATFORM STAIRS — 10 / S511

SCALE : NONE




FRONT EDGE OF PLATFORM — 11 / S511

SCALE : NONE




PLATFORM DETAIL AT WALL — 12 / S511

SCALE : NONE

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Project Name:
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WASHINGTON, UT 84780

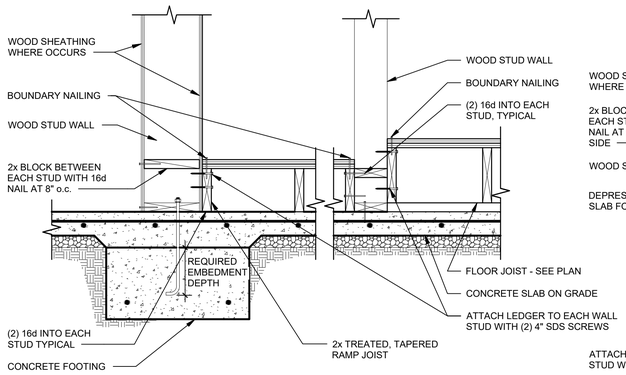
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
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Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ROSTRUM AND PLATFORM DETAILS

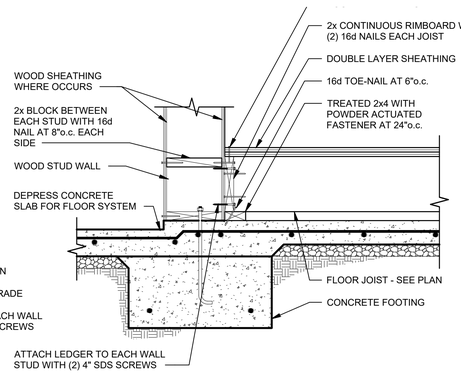
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S511




## PLATFORM RAMP

SCALE : NONE

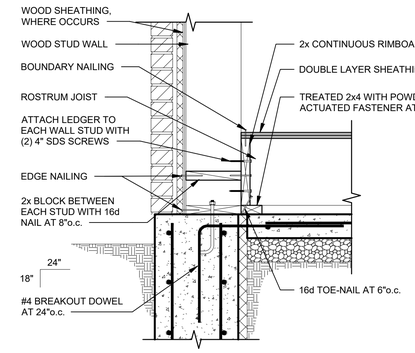
1 / S512




## PLATFORM AT WALL

SCALE : NONE

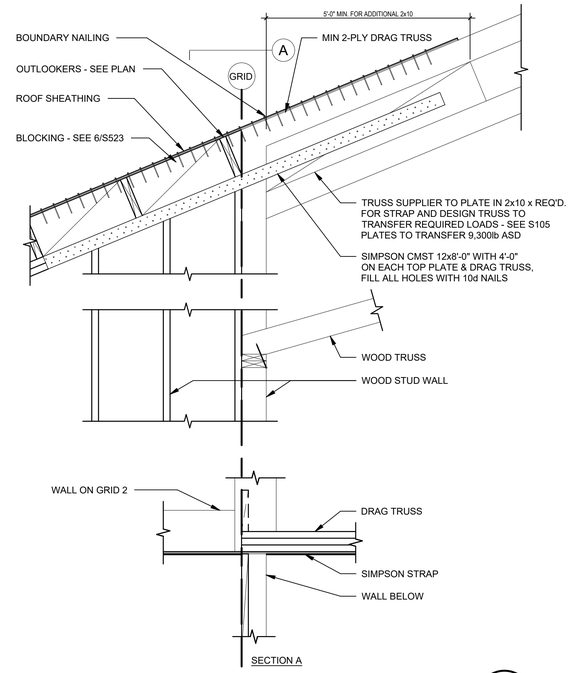
2 / S512




## ROSTRUM AT EXTERIOR FRONT WALL

SCALE : NONE

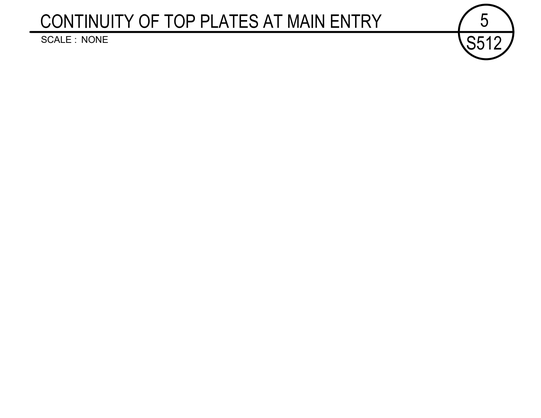
3 / S512




## DRAG DETAIL ON GRID 2

SCALE : NONE

4 / S512




## CONTINUITY OF TOP PLATES AT MAIN ENTRY

SCALE : NONE

5 / S512

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Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

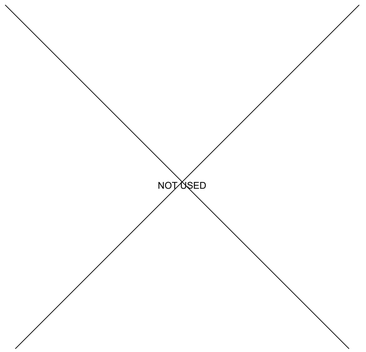
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ROSTRUM AND PLATFORM DETIALS

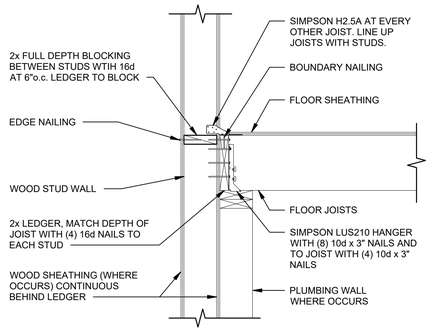
Sheet:
S512




EQUIPMENT PLATFORM FRAMING AT WALL POP-OUT, FRONT OF BUILDING

SCALE : NONE

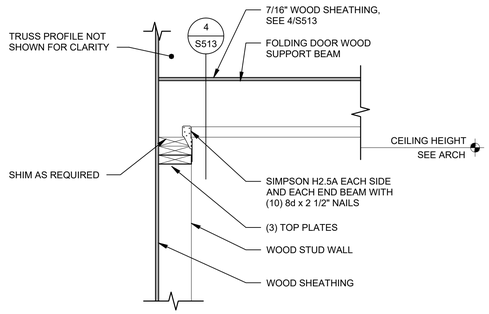
1 S513




EQUIPMENT PLATFORM TO WALL CONNECTION

SCALE : NONE

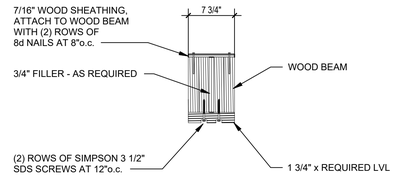
2 S513




PARTITION DOOR SUPPORT AT EXTERIOR WALL

SCALE : NONE

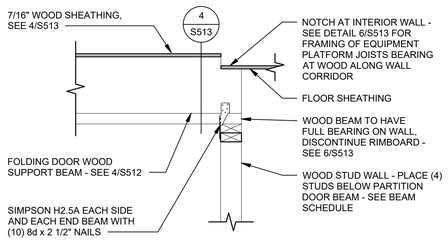
3 S513




PARTITION DOOR BEAM SECTION

SCALE : NONE

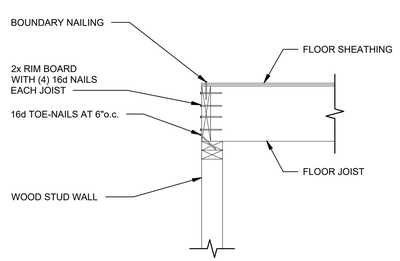
4 S513




PARTITION DOOR SUPPORT AT INTERIOR WALL

SCALE : NONE

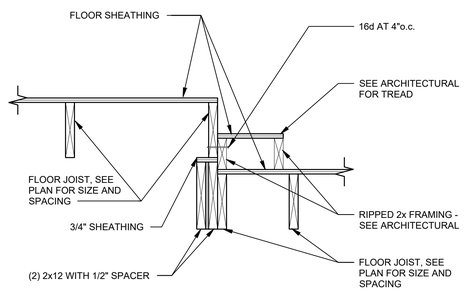
5 S513




EQUIPMENT PLATFORM FLOOR JOISTS BEARING AT WOOD STUD WALL

SCALE : NONE

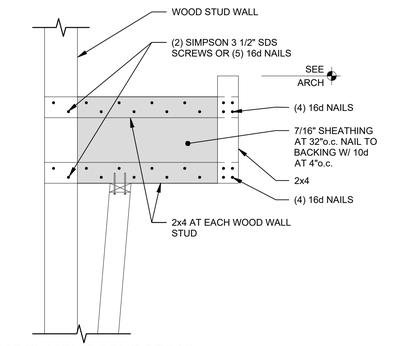
6 S513




STEP IN EQUIPMENT PLATFORM

SCALE : NONE

7 S513




CHAPEL LIGHT COVE DETAIL

SCALE : NONE

8 S513

NOT USED

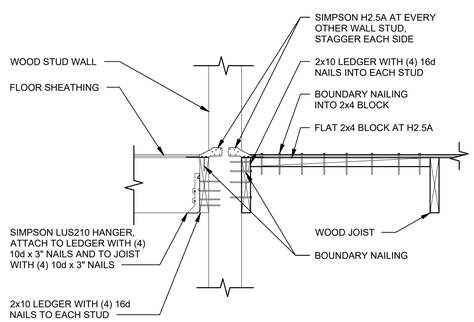
SCALE : NONE

9 S513

NOT USED

SCALE : NONE

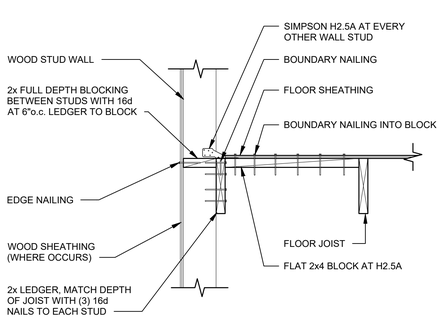
10 S513




FLOOR EDGE CONDITION AT WALL OVER BATHROOM

SCALE : NONE

11 S513




FLOOR EDGE CONDITION AT WALL

SCALE : NONE

12 S513

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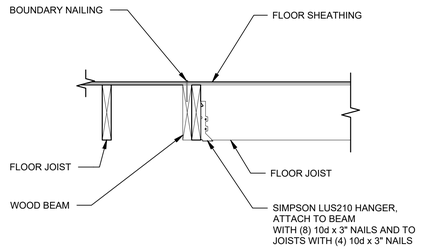
Project for:
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| Mark | Date (D-M-Y) | Description |
|---|---|---|

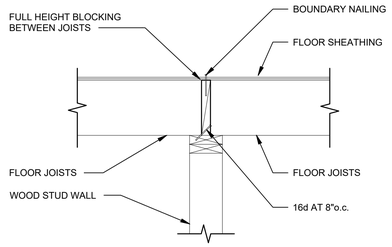
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Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: EQUIPMENT PLATFORM FRAIMING DETAILS

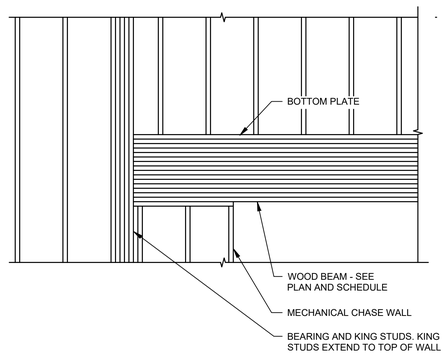
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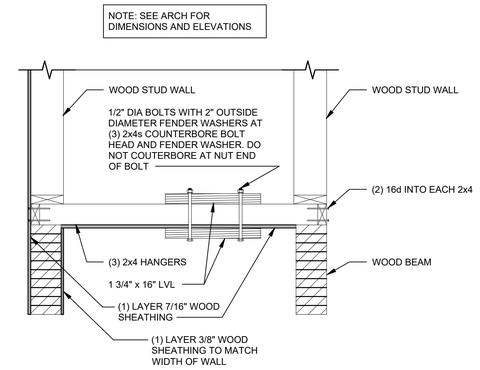

## JOIST TO BEAM CONNECTION
SCALE : NONE
1 / S514



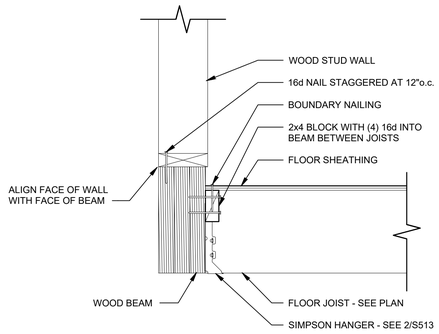

## FLOOR JOISTS BEARING AT WALL
SCALE : NONE
2 / S514



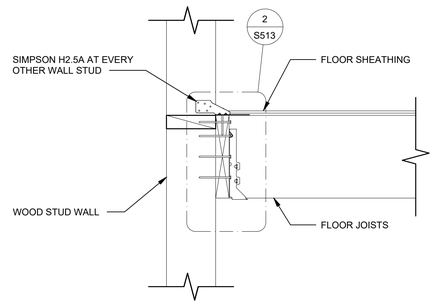

## FOLDING PARTITION SECTION AT PLATFORM
SCALE : NONE
3 / S514



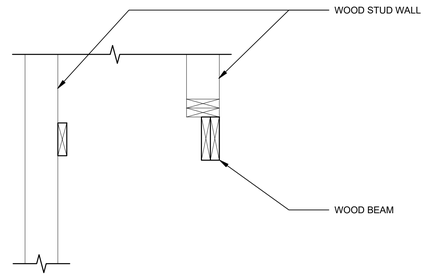

## FOLDING PARTITION SECTION
SCALE : NONE
4 / S514



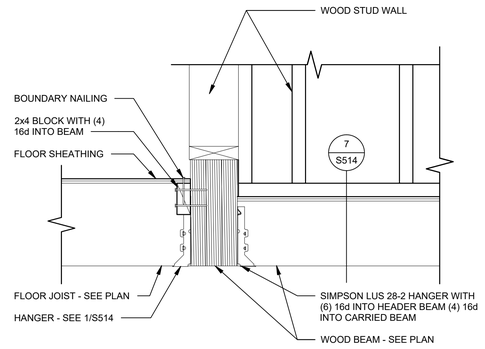

## JOIST-TO-BEAM AT ENTRY
SCALE : NONE
5 / S514



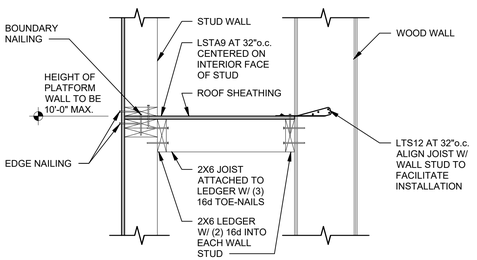

## EQUIPMENT PLATFORM TO WALL CONNECTION
SCALE : NONE
6 / S514



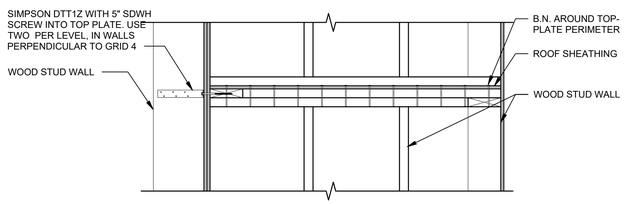

## FOYER LIGHT COVE
SCALE : NONE
7 / S514



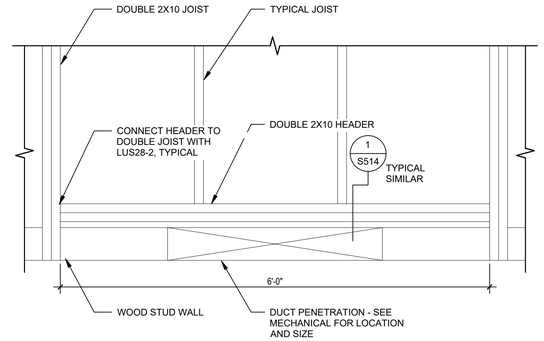

## FOYER LIGHT COVE BEAM-TO-BEAM
SCALE : NONE
8 / S514



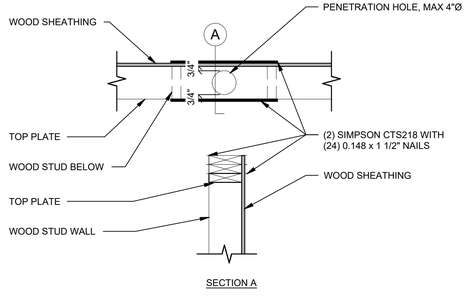

## POP-OUT WALL BRACING TO BACK-UP WALL
SCALE : NONE
9 / S514




## POP-OUT MIDDLE OF BUILDING AT GRID 4
SCALE : NONE
10 / S514




## DUCT PENETRATION AT BEARING WALL
SCALE : NONE
11 / S514




## TOP PLATE REINFORCING AT GAS PIPE PENETRATION
SCALE : NONE
12 / S514

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Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

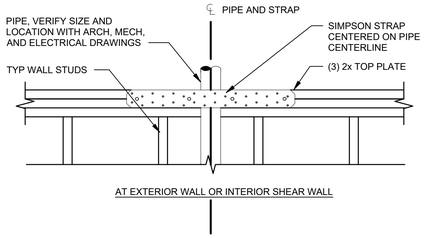
| Mark | Date (D-M-Y) | Description |
|---|---|---|

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

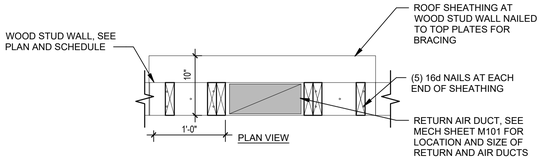
Sheet Title:
EQUIPMENT PLATFORM FRAIMING DETAILS

Sheet:
S514

| TOP PLATE SPLICE (2x6 WALLS ONLY) PENETRATIONS SCHEDULE | |
|---|---|
| HOLE SIZE | STRAPS |
| LESS THAN OR EQUAL TO 2 1/2" DIAMETER | NONE REQUIRED |
| GREATER THAN 2 1/2" DIAMETER AND LESS THAN OR EQUAL TO 3 1/2" DIAMETER | MSTC28 CENTERED BETWEEN (2) TOP PLATES WITH (16) 16d x 3 1/2" NAILS EACH END OF STRAP. DO NOT NAIL INTO PIPE. |
| NOTE:<br>HOLE SIZE IS TOTAL ALLOWABLE HOLE DIAMETER, NOT PIPE DIAMETER.<br>DO NOT OVERCUT. SEE 12/S514 FOR GAS PIPE PENETRATION. | |

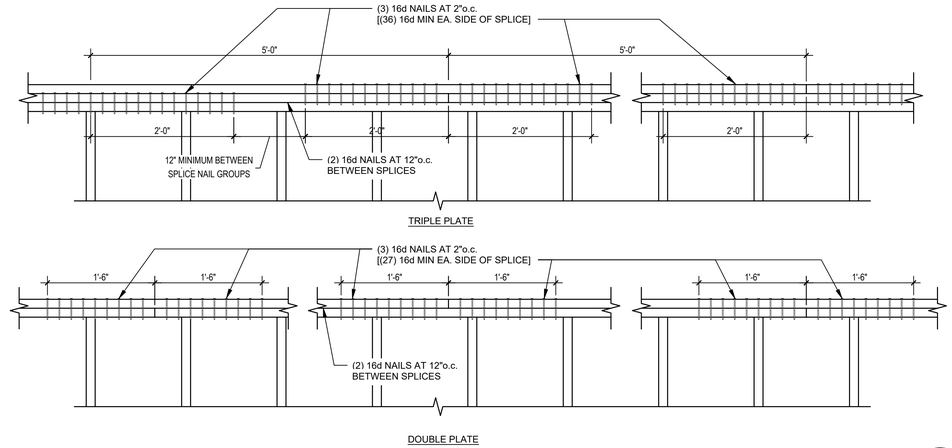



AT EXTERIOR WALL OR INTERIOR SHEAR WALL




AT DUCT IN NON-STRUCTURAL WALL

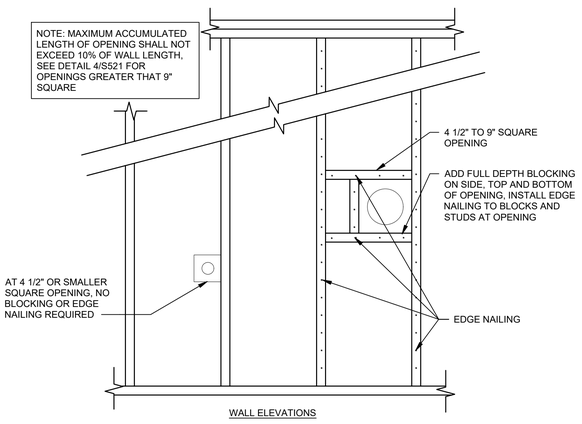
NOTE:
AT CONTRACTORS OPTION MAY USE METAL STRAP SPLICE



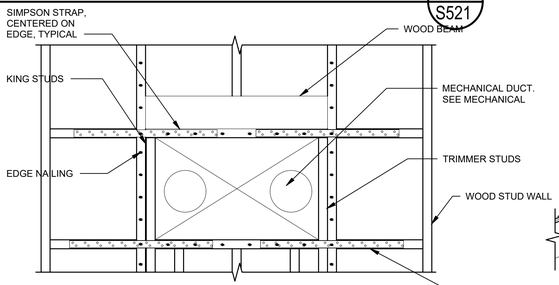

## TYPICAL TOP PLATE SPLICE DETAIL

SCALE : NONE

1 S521




WALL ELEVATIONS




ELEVATION

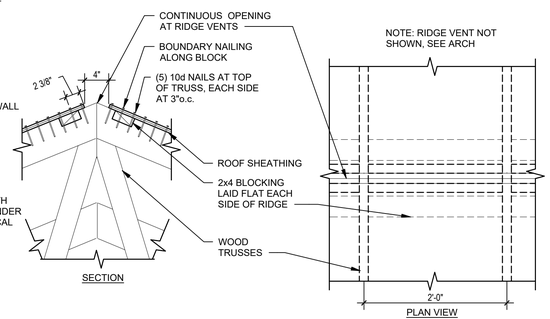
| BEAM SPAN | BEAM SIZE | TRIMMER | KING STUD | SIMPSON STRAP | NAILS |
|---|---|---|---|---|---|
| 1'-3' | (3) 2x6 | (1) 2x | (1) 2x | CS20 x 2'-0" | (24) 8d x 2 1/2" |
| 3'-5' | (3) 2x10 | (1) 2x | (1) 2x | CS16 x 2'-0" | (36) 8d x 2 1/2" |
| 5'-7" | (3) 2x12 | (1) 2x | (1) 2x | CS16 x 2'-8" | (44) 8d x 2 1/2" |

SEE DETAIL 3/S521 FOR OPENINGS < 9" SQUARE

## TYPICAL TOP PLATE SPLICE PENETRATION SCHEDULE

SCALE : NONE

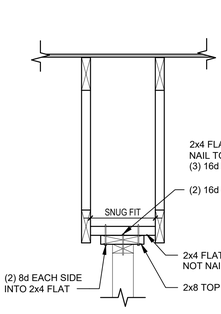
2 S521



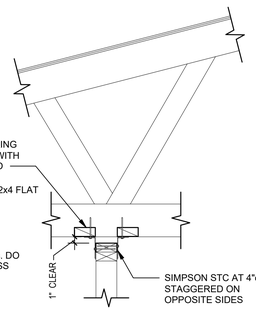

SECTION




PLAN VIEW




WALL PARALLEL TO TRUSSES

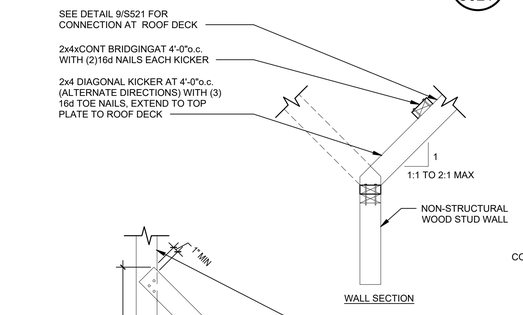



WALL PERPENDICULAR TO TRUSSES

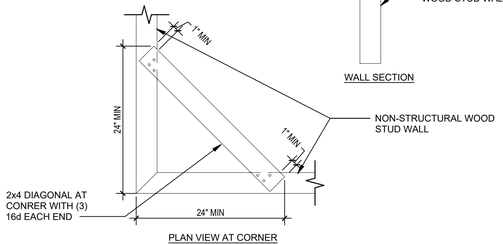
## TYPICAL WALL PENETRATIONS LESS THAN 9" SQUARE

SCALE : NONE

3 S521




WALL SECTION

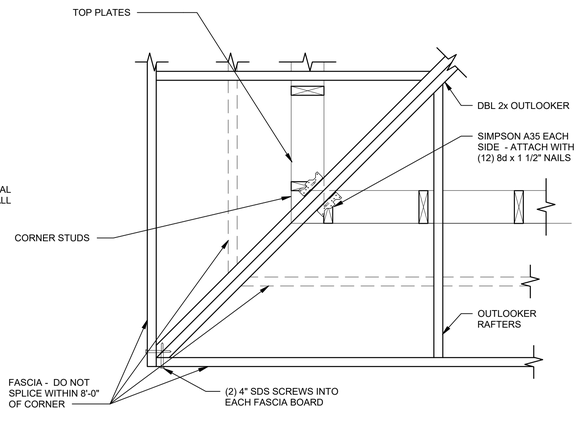



PLAN VIEW AT CORNER

## TYPICAL WALL PENETRATIONS SCHEDULE FOR PENETRATORS GREATER THAN 9" SQUARE

SCALE : NONE

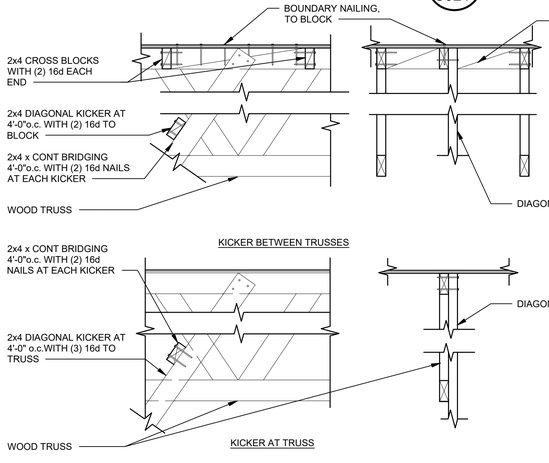
4 S521




## TYPICAL RIDGE DETAIL AT RIDGE VENT LOCATIONS

SCALE : NONE

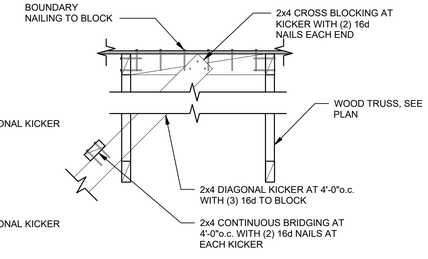
5 S521




## TYPICAL NON-STRUCTURAL WALL TO UNDERSIDE OF TRUSS

SCALE : NONE

6 S521




DIAGONAL KICKER PERPENDICULAR TO TRUSS

## TYPICAL NON-STRUCTURAL PARTITION BRACING DETAILS

SCALE : NONE

7 S521

## TYPICAL CORNER ROOF FRAMING PLAN VIEW

SCALE : NONE

8 S521

## TYPICAL KICKER CONNECTIONS TO ROOF TRUSSES

SCALE : NONE

9 S521

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WASHINGTON, UT 84780

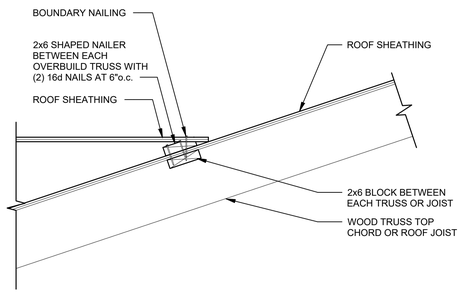
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ROOF DETAILS

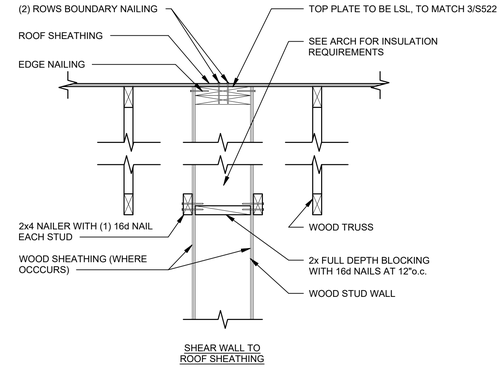
Sheet:
S521




## OVERBUILD BETWEEN EACH OVERBUILD TRUSS

SCALE : NONE

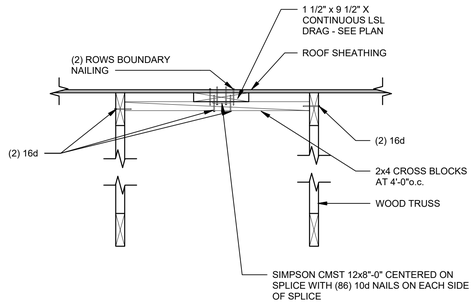
1 / S522




## INTERIOR SHEAR WALL TO ROOF CONNECTION

SCALE : NONE

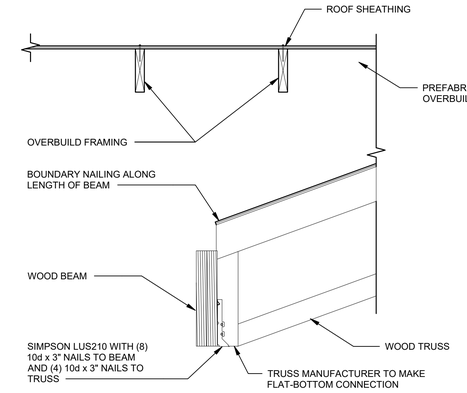
2 / S522




## DRAG SUPPORT BETWEEN TRUSSES

SCALE : NONE

3 / S522




## ROOF TRUSS TO BEAM CONNECTION

SCALE : NONE

4 / S522




## BEAM TO TRUSS AT BACK OVERBUILD

SCALE : NONE

5 / S522




## MECHANICAL PENETRATION AT WALL POP-OUT

SCALE : NONE

6 / S522




## WOOD TRUSS BEARING AT EXTERIOR WALL

SCALE : NONE

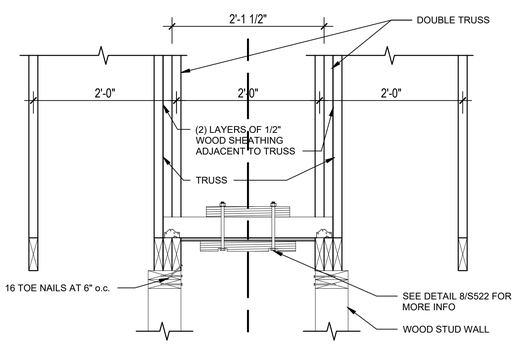
7 / S522




## DRAG-TO-SHEAR WALL

SCALE : NONE

8 / S522




## FOLDING PARTITION SECTION AT WALL

SCALE : NONE

9 / S522




## FOLDING PARTITION SECTION (BETWEEN CHAPEL AND CULTURAL HALL)

SCALE : NONE

10 / S522




## FOLDING PARTITION SECTION

SCALE : NONE

11 / S522


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WASHINGTON, UT 84780

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

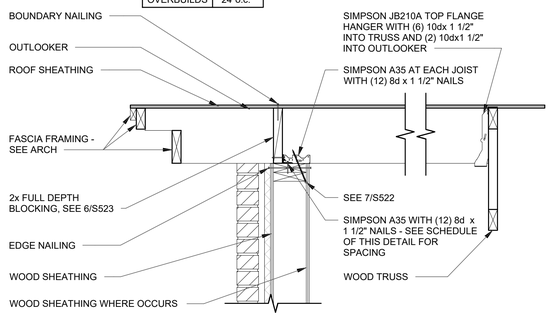
| Mark | Date | Description |
|---|---|---|

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: ROOF DETAILS

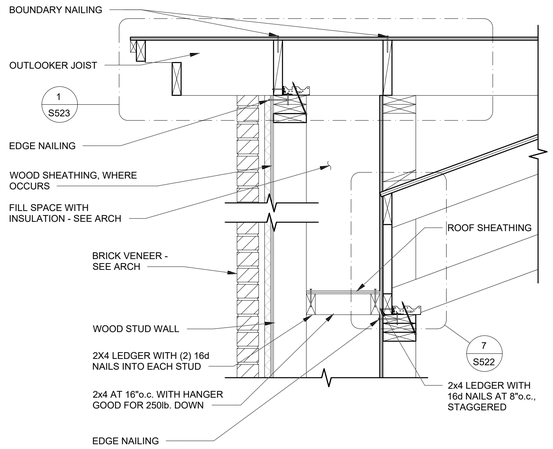
Sheet: S522

| A35 SPACING | |
|---|---|
| GRID | SPACING |
| 1 | 24"o.c. |
| 2 | 12"o.c. |
| 3 | 16"o.c. |
| OVERBUILDS | 24"o.c. |



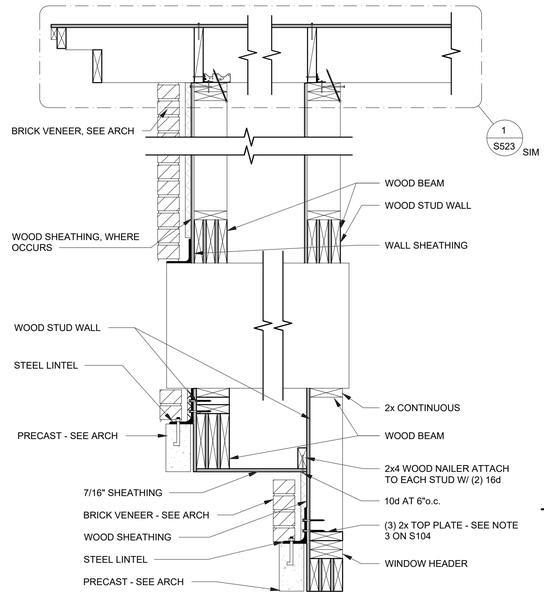

## OUTLOOKER AT EXTERIOR WALL — 1/S523

SCALE : NONE



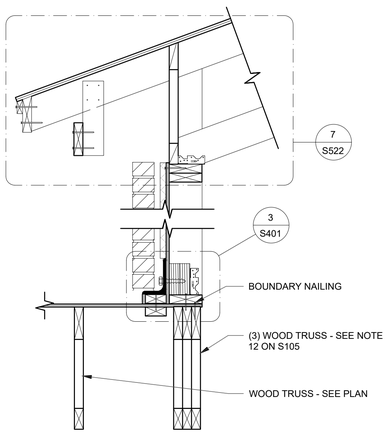

## OUTLOOKER AT EXTERIOR WALL — 2/S523

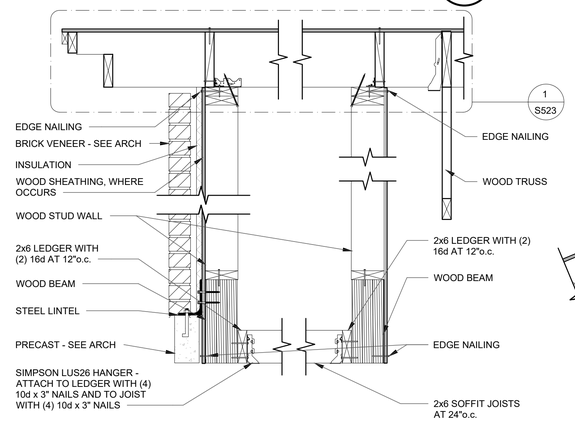
SCALE : NONE




## FRAMING AT ROOF POP-UP ON TRUSSES — 4/S523

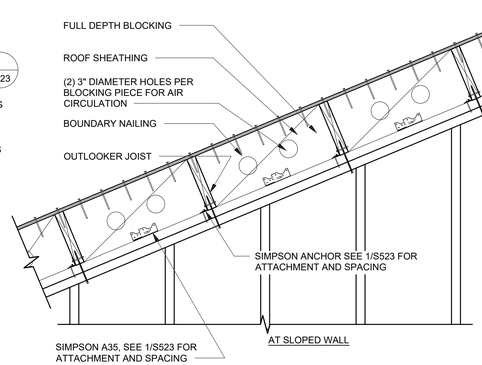
SCALE : NONE



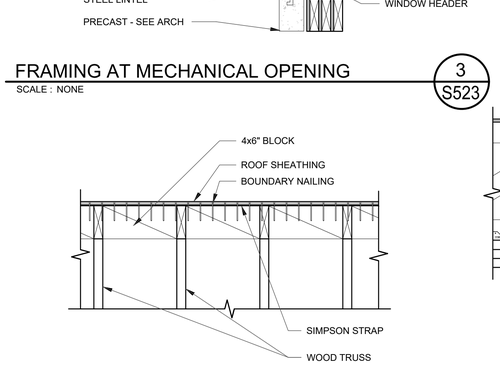

## OUTLOOKER DETAIL AT ENTRY — 5/S523

SCALE : NONE



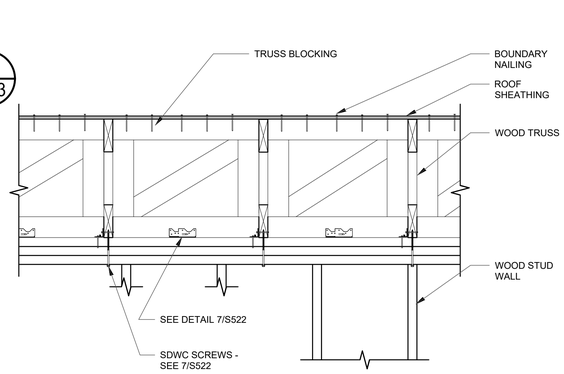

## SOLID BLOCKING AND ANCHORING DETAIL — 6/S523

SCALE : NONE



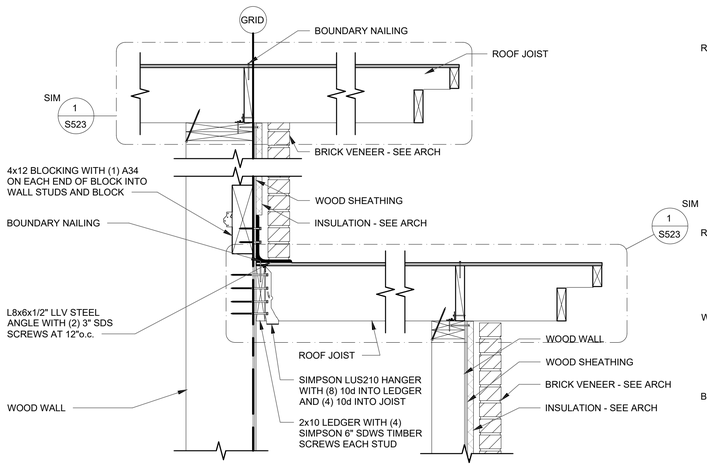

## METAL COIL STRAP DETAIL — 7/S523

SCALE : NONE



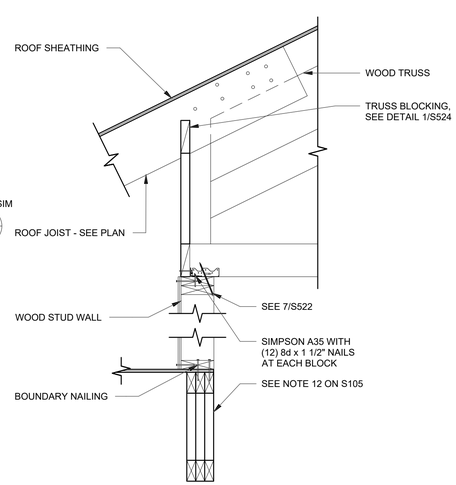

## TRUSS BLOCKING AT LOW EXTERIOR WALL — 8/S523

SCALE : NONE



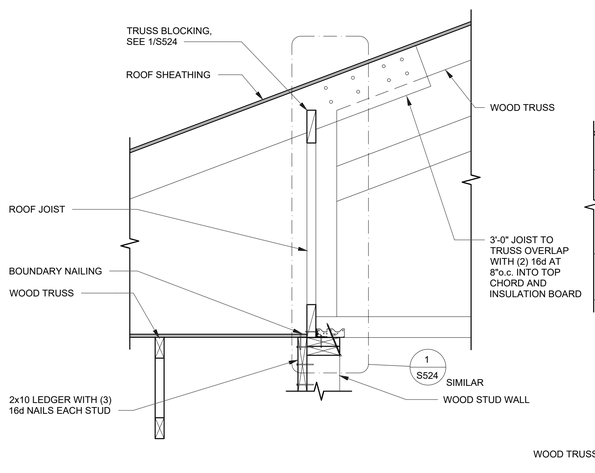

## OUTLOOKER AND WALL POP-OUT AT BACK ENTRANCE — 9/S523

SCALE : NONE



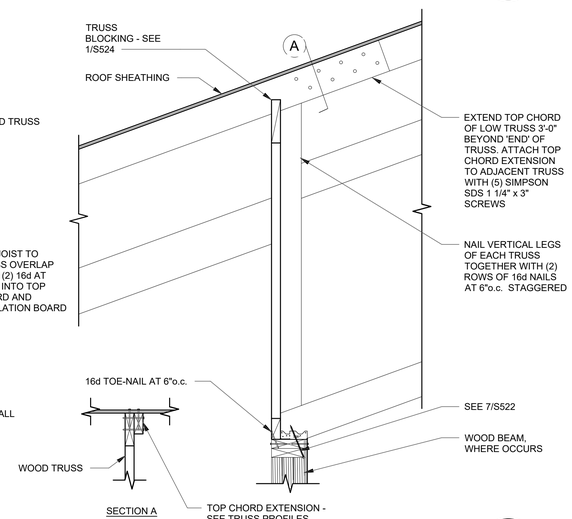

## ROOF TRUSS AND OVERBUILD FRAMING — 10/S523

SCALE : NONE




## TRUSS OVERBUILD DETAIL — 11/S523

SCALE : NONE




## TRUSS BEARING AT INTERIOR WALL — 12/S523

SCALE : NONE

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Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

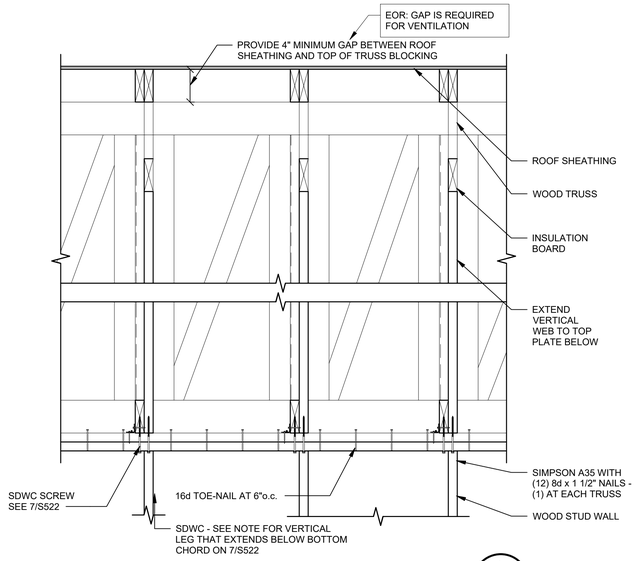
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DMY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
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Property Number:
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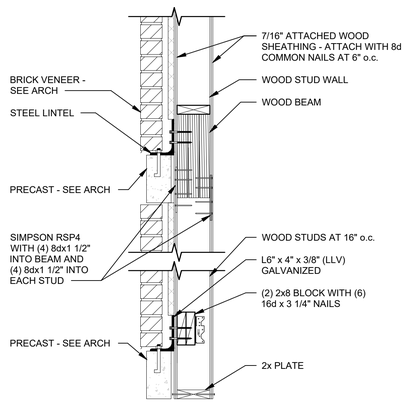
Sheet Title:
ROOF DETAILS

Sheet:
S523



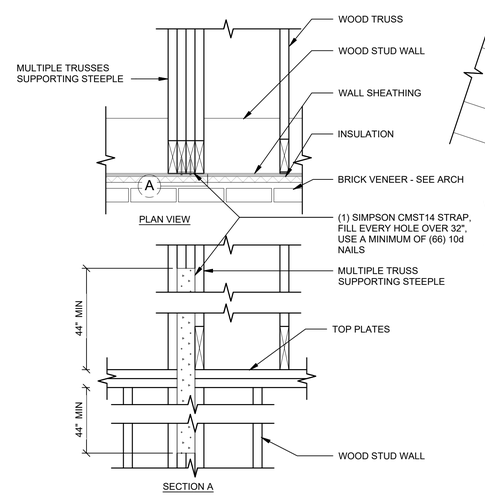

TRUSS BLOCKING AT INTERIOR BEARING — 1/S524

SCALE : NONE



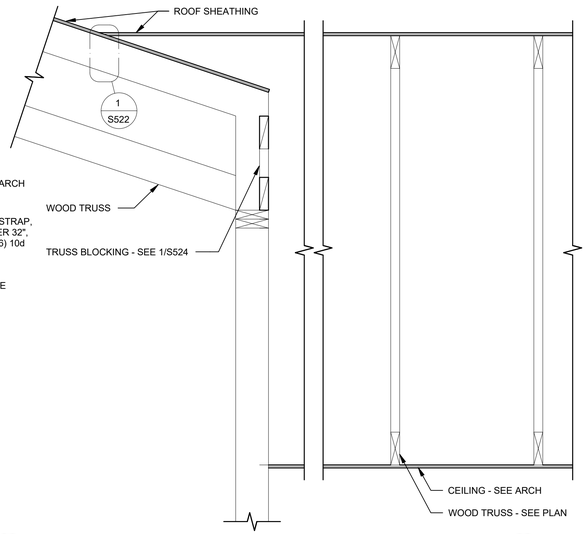

SUSPENDED ELEMENT AT OPENING — 2/S524

SCALE : NONE




ANCHORAGE OF STEEPLE SUPPORT TRUSSES TO WALL — 3/S524

SCALE : NONE




BEARING AT TR-3 AT ENTRY — 4/S524

SCALE : NONE

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|---|---|---|
| | | |

Project Number:
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Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
ROOF DETAILS

Sheet:
S524

# SCHEDULE A

## DESIGN CRITERIA

| DESIGN CRITERIA | 2021 INTERNATIONAL BUILDING CODE (ASCE 7) | 2021 IBC |
|---|---|---|
| SEISMIC | RISK CATEGORY | III |
| | IBC SEISMIC IMPORTANCE FACTOR | $I_E$ = 1.25 |
| | MAPPED SPECTRAL RESPONSE ACCELERATION: | |
| | $S_S$ | $S_S$ = 0.545 |
| | | |
| | $S_1$ | $S_1$ = 0.176 |
| | SOIL SITE CLASS | C |
| | SITE COEFFICIENT, $F_a$ | $F_a$ = 1.28 |
| | SITE COEFFICIENT, $F_v$ | $F_v$ = 1.50 |
| | DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS | $S_{DS}$ = 0.466<br>$S_{D1}$ = 0.176 |
| | SEISMIC DESIGN CATEGORY | C |
| | BASIC SEISMIC-FORCE RESISTING SYSTEM. | LIGHT FRAMED WALLS SHEATHED WITH WOOD PANELS |
| | RESPONSE MODIFICATION FACTOR | R = 6.5 |
| | OVERSTRENGTH FACTOR | $W_0$ = 2.5 |
| | ANALYSIS PROCEDURE USED. | ASCE 7 EQUIVALENT LATERAL FORCE PROCEDURE |
| | SEISMIC RESPONSE COEFFICIENT | $C_S$ = 0.0894 |
| WIND | ASCE 7 DIRECTIONAL PROCEDURE, PART 1 | |
| | WIND SPEED (3 SECOND GUST) | 110 M.P.H. |
| | INTERNAL PRESSURE COEFFICIENT | ±0.18 |
| | EXPOSURE CATEGORY | C |
| ROOF | DEAD LOAD | 32 P.S.F. |
| | SNOW IMPORTANCE FACTOR | $I_S$ = 1.10 |
| | GROUND SNOW LOAD, $P_g$ | 21 P.S.F. |
| | FLAT ROOF SNOW LOAD, $P_f$ | 16.2 P.S.F. |
| | SNOW EXPOSURE FACTOR, $C_e$ | 1.0 |
| | THERMAL FACTOR, $C_t$ | 1.0 |
| | SLOPE FACTOR, $C_s$ | 1.0 |
| | ROOF SNOW LOAD - THIS LOAD REFLECTS ROOF SNOW LOAD MULTIPLIED BY THE SNOW IMPORTANCE FACTOR (VALUE SHOWN DOES NOT INCLUDE DRIFT LOAD) | 16.2 P.S.F. |
| | BUILDING ELEVATION | 2,800 ft |
| | ROOF RAIN LOAD | 1.5 in/hr |
| EQUIPMENT PLATFORM | DEAD LOAD | 15 P.S.F. |
| | LIVE LOAD | 40 P.S.F. |
| ROSTRUM | DEAD LOAD | 15 P.S.F. |
| | LIVE LOAD | 100 P.S.F. |
| PLATFORM | DEAD LOAD | 15 P.S.F. |
| | LIVE LOAD | 125 P.S.F. |
| SOIL BEARING | | 2000 P.S.F. |
| | SOIL SUBGRADE MODULUS, K | 100 psi |
| WIND (STEEPLE) | ASCE 7 SECTION 29.4 - OTHER STRUCTURES | |
| | WIND SPEED | 110 M.P.H. |
| | FORCE COEFFICIENT, Cf | 1.36 |

# SCHEDULE B

## LEGEND

| | |
|---|---|
| BOB | BOTTOM OF BEAM |
| ABV<br>BLW | INDICATES FLOOR OFFSET, SEE DETAILS |
| BM-x | INDICATES WOOD BEAM. SEE SCHEDULE |
| CB-x | INDICATES CONCRETE BEAM TYPE, SEE SCHEDULE |
| CJ | INDICATES CONTROL JOINT |
| CW-x | INDICATES CONCRETE WALL, SEE SCHEDULE |
| EOS | EDGE OF SLAB |
| EF | EACH FACE |
| FC-x | INDICATES CONCRETE CONTINUOUS FOOTING TYPE, SEE SCHEDULE |
| FR-x | INDICATES CONCRETE RECTANGULAR FOOTING TYPE, SEE SCHEDULE |
| FS-x | INDICATES CONCRETE SPOT FOOTING TYPE, SEE SCHEDULE |
| H-x | INDICATES WOOD HEADER - SEE SCHEDULE |
| LSL<br>LVL | LAMINATED STRAND LUMBER<br>LAMINATED VENEER LUMBER |
| SCL | INDICATES STRUCTURAL COMPOSITE LUMBER SUCH AS LVL AND LSL |
| SC-x | INDICATES STEEL COLUMN TYPE |
| TOF | TOP OF FOOTING |
| TOS | TOP OF SLAB |
| TOW | TOP OF WALL |
| TR-X | INDICATES WOOD TRUSS, SEE ELEVATIONS ON S20X |
| WC-x | INDICATES WOOD COLUMN. SEE SCHEDULE |
| WIJ-x | INDICATES WOOD I-JOIST. SEE SCHEDULE |
| Wx-x | INDICATES WOOD WALL. SEE SCHEDULE |

| | |
|---|---|
| | INDICATES SIDE WHERE INTERIOR WOOD WALL SHEATHING IS TO BE INSTALLED |
| ' / '' | DETAIL NUMBER<br>DETAIL SHEET |
| | INDICATES DEPRESSED SLAB, SEE ARCHITECTURAL PLANS. |
| S S | INDICATES FOOTING STEP |
| | INDICATES NON-STRUCTURAL WOOD STUD WALL |
| | INDICATES WOOD BEAM OR HEADER |
| | INDICATES WOOD ROOF OR FLOOR SHEATHING, SEE PLAN AND SCHEDULE |
| | INDICATES STRUCTURAL WOOD SHEAR WALL |
| | TYPE 1 BLOCKED DIAPHRAGM - SEE SCHEDULE ON S604 |
| HD<br>POST/ANCHOR | HD - SIMPSON HOLDOWN SIZE<br>POST - SIZE OF END POST CONNECTED TO HOLDOWN<br>ANCHOR - SIMPSON ANCHOR HOLDOWN SIZE AND CONFIGURATION |

# SCHEDULE H

## SCHEDULE OF CONSTRUCTION MATERIALS

**CONCRETE**

| LOCATION | 28 - DAY COMPRESSIVE STRENGTH |
|---|---|
| EXTERIOR CONCRETE | 4,500 P.S.I. |
| | |
| | |
| FOUNDATION WALLS AND FOOTINGS | 4,500 P.S.I. |
| | |
| INTERIOR SLABS ON GRADE | 3,500 P.S.I. |

NOTES: 1. CONCRETE STRENGTH USED IN DESIGN IS 2500 P.S.I. 2. SEE SPECIFICATIONS 03-3111 FOR DEFINITION OF MIX TYPE.

**REINFORCING STEEL**

| FIELD BENT BARS | ALL OTHER BARS |
|---|---|
| ASTM A615, GRADE 40 OR GRADE 60 (SEE LAP SPLICE SCHEDULE D/S602 FOR LAP LENGTHS) | ASTM A615, GRADE 60 (SEE LAP SPLICE SCHEDULE D/S602 FOR LAP LENGTHS)S |

**WOOD** 1,2,3,4

DIMENSION LUMBER

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

STRUCTURAL COMPOSITE LUMBER (SCL) SUCH AS LVL AND LSL

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

GLU-LAM COLUMNS

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

GLUED LAMINATED BEAMS

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

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

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
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Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
SCHEDULES

Sheet:
S601

# SCHEDULE A

## CONCRETE FOOTING SCHEDULE

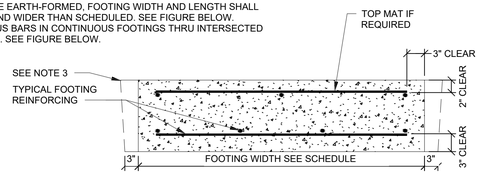
| MARK* | WIDTH | LENGTH | DEPTH | REINFORCING CROSSWISE | | | | REINFORCING LENGTHWISE | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | NO. | SIZE | LENGTH | SPACING | NO. | SIZE | LENGTH | SPACING | |
| FC1.5 | 1'-6" | CONT. | 1'-0" | - | - | - | - | 2 | #4 | CONT. | 12"o.c. | |
| FC2.0 | 2'-0" | CONT. | 1'-0" | - | - | - | - | 3 | #4 | CONT. | EQUAL | |
| FS2.5 | 2'-6" | 2'-6" | 1'-0" | 3 | #5 | 2'-0" | EQUAL | 3 | #5 | 2'-0" | EQUAL | |
| FS4.0 | 4'-0" | 4'-0" | 1'-0" | 5 | #5 | 3'-6" | EQUAL | 5 | #5 | 3'-6" | EQUAL | |
| FS6.5 | 6'-6" | 6'-6" | 2'-0" | 7 | #6 | 6'-0" | EQUAL | 7 | #6 | 6'-0" | EQUAL | REINFORCE TOP AND BOTTOM |
| FS8X4 | 8'-0" | 4'-0" | 1'-6" | 9 | #6 | 3'-6" | EQUAL | 5 | #6 | 7'-6" | EQUAL | REINFORCE TOP AND BOTTOM |

NOTES:

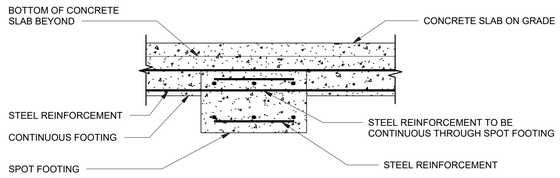
1. PLACE REINFORCING IN THE BOTTOM OF THE FOOTING WITH 3" CLEAR CONCRETE COVER (UNLESS NOTED OTHERWISE). USE ADOBE BLOCKS.
2. TOP REINFORCING, WHERE SPECIFIED, SHALL BE PLACED IN THE TOP OF THE FOOTING WITH 2" MINIMUM CONCRETE COVER.
3. IF FOOTINGS ARE EARTH-FORMED, FOOTING WIDTH AND LENGTH SHALL BE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

*FOOTING TYPES

FC = CONTINUOUS FOOTING
FS = SPOT FOOTING



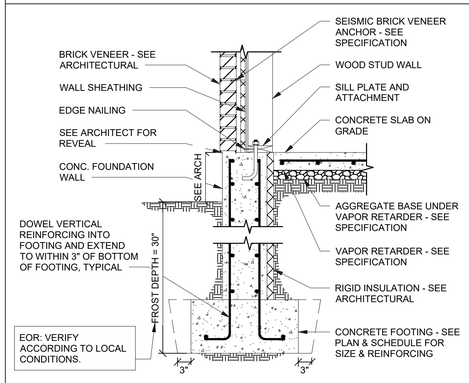

TYPICAL FOOTING SECTION




CONTINUOUS BARS THROUGH INTERSECTED SPOT FOOTINGS

# SCHEDULE B

## CONCRETE FOUNDATION WALL SCHEDULE




| MARK | WIDTH | HORIZONTAL REINF. | | | VERTICAL REINF. | |
|---|---|---|---|---|---|---|
| | | TOP | INTERMEDIATE | BOTTOM | SIZE | SPACING |
| CW-8 | 8" | (2) #4 | #4 AT 16"o.c. | (2) #4 | #4 | 16"o.c. |
| CW-12 | 12" | (2) #4 | (2) #4 AT 18"o.c. | (2) #4 | #4 | 16"o.c. EF |
| CW-14 | 14" | (2) #4 | (2) #4 AT 16"o.c. | (2) #4 | #4 | 16"o.c. EF |
| CW-18 | 18" | (2) #5 | (2) #5 AT 12"o.c. | (2) #5 | #5 | 12"o.c. EF |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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

# SCHEDULE C

## SPECIAL INSPECTION SCHEDULE [1, 2]

### ESTABLISHED PER 2021 IBC SECTION 110 AND CHAPTER 17

| ITEM | CONTINUOUS[3] | PERIODIC[3] | REFERENCE | COMMENTS |
|---|---|---|---|---|
| **CONCRETE CONSTRUCTION (IBC 1705.3)** | | | SEE IBC TABLE 1705.3 - REF. NOTE C1 | C1. SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE ISOLATED SPREAD FOOTINGS, CONTINUOUS FOOTINGS, NON-STRUCTURAL SLABS, FOUNDATION WALLS, PATIOS, DRIVEWAYS, AND SIDEWALKS BECAUSE THE REQUIREMENTS OF IBC 1705.3 ARE MET. C2. PERFORM AIR, SLUMP AND TEMPERATURE TESTS WHEN CONCRETE SAMPLES ARE CAST. C3. EPOXY AND EXPANSION ANCHORS INTO CONCRETE MAY BE USED ONLY WHEN APPROVED BY ARCHITECT. AND/OR ENGINEER USING AN APPROVED PRODUCT WITH CURRENT PUBLISHED ICC RESEARCH REPORT NUMBERS. COORDINATE CONTINUOUS/PERIODIC SPECIAL INSPECTION REQUIREMENTS WITH ICC REPORT. C4. REFER TO DIVISION 03 OF THE SPECIFICATION FOR ADDITIONAL AND SPECIFIC TESTING AND INSPECTION REQUIREMENTS. |
| REINFORCING STEEL PLACEMENT | | ● | | |
| EMBEDDED BOLTS & PLATES | ● | | | |
| VERIFYING REQUIRED DESIGN MIX | | ● | | |
| CONCRETE PLACEMENT / SAMPLING | ● | | REFERENCE NOTE C2 | |
| CURING TEMPERATURE / TECHNIQUES | | ● | | |
| EPOXY / EXPANSION ANCHOR PLACEMENT | ● | ● | REFERENCE NOTE C3 | |
| **MASONRY CONSTRUCTION (IBC 1705.4)** | | | SEE TMS 402/ACI 550 TABLE 1.19.2 (NON-ESSENTIAL) | M1. INSPECTION NOT REQUIRED FOR MECHANICAL SCREEN WALLS. M2. REFER TO DIVISION 04 FOR ADDTIONAL AND SPECIFIC INSPECTION AND TESTING REQUIREMENTS. |
| **WOOD (IBC 1705.5, 1705.11.1 AND 17.05.12.1)** | | | | W.1. SPECIAL INSPECTION IS NOT REQUIRED FOR WOOD SHEAR WALLS, WOOD DIAPHRAGMS, INCLUDING NAILING, & BOLTING, AND OTHER FASTENING TO OTHER COMPONENTS WHERE THE SPACING OF THE SHEATHING FASTENERS IS GREATER THAN 4"o.c. WHERE NAIL SPACING IS 4" o.c. OR CLOSER, VERIFY THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, THE NAIL OR STAPLE DIAMETER AND LENGTH, NUMBER OF FASTENER LINES, AND SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS. ADDITIONALLY, VERIFY SILL PLATE AND ANCHOR BOLTS DIAMETER, SPACING, PLATE WASHER SIZE AND LOCATION. SIMILAR INFORMATION IS TO BE GATHERED FOR OTHER FASTENING COMPONENTS. |
| SHEAR WALL & DIAPHRAGM NAILING | | ● | REFERENCE NOTE W1 | |
| DRAG STRUTS | | ● | | |
| HOLDOWNS | | ● | | |
| **SOILS (IBC 1705.5)** | | | REFERENCE NOTE F1 | F1. SPECIAL INSPECTION OF SOILS SHALL REFERENCE THE APPROVED SOILS REPORT TO DETERMINE COMPLIANCE. F2. WHERE SOILS REPORT IS NOT PROVIDED SPECIAL INSPECTIONS ARE REQUIRED TO VERIFY THAT THE IN-PLACE DRY DENSITY OF THE COMPACTED FILL IS NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT DETERMINED IN ACCORDANCE WITH ASTM D 1557. F3. REFER TO DIVISION 31 OF SPECIFICATIONS FOR ADDITIONAL AND SPECIFIC TESTING AND INSPECTION REQUIREMENTS. REFER TO DIVISION 6 OF THE SPECIFICATIONS FOR ADDITIONAL AND SPECIFIC TESTING AND INSPECTION REQUIREMENTS. |
| VERIFY ADEQUATE MATERIALS BELOW FOOTINGS | | ● | REFERENCE NOTE F1 | |
| EXCAVATIONS EXTEND TO PROPER DEPTH AND REACH PROPER MATERIAL | | ● | REFERENCE NOTE F2 | |
| CLASSIFY & TEST CONTROLLED FILL MATERIALS | | ● | REFERENCE NOTE F2 | |
| PERFORM MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL. | ● | | REFERENCE NOTE F1 | |
| PROPERLY PREPARED SITE AND SUB-GRADE PRIOR TO FILL. | | ● | REFERENCE NOTE F1 | |
| **FABRICATORS (IBC 1704.2.5)** | | | | |
| | ● | | | IF FABRICATOR IS APPROVED, ON-SITE INSPECTION IS NOT REQUIRED BUT A CERTIFICATE OF COMPLETION MUST BE PROVIDED TO THE BUILDING OFFICIAL (IBC 1704.2.5) |
| **PREFABRICATED METAL PLATE WOOD TRUSSES:** | | | | |
| THE INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS OF INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. | | ● | | |
| REFER TO SPECIFICATIONS FOR REQUIRED "TRUSS PLANT CERTIFICATION FORM" AND FOR INSPECTION OF PREFABRICATED WOOD TRUSSES LONGER THAN 60'-0" LONG | | ● | | |

### GENERAL SPECIAL INSPECTION NOTES :

1. THE ITEMS MARKED WITH A "●" IN THE SPECIAL INSPECTION SCHEDULE SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A CERTIFIED SPECIAL INSPECTOR FROM AN ESTABLISHED TESTING AGENCY. FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO THE MATERIAL SAMPLING AND TESTING SECTION, AND THE PROJECT SPECIFICATIONS. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ARCHITECT, ENGINEER, CONTRACTOR, AND BUILDING OFFICIAL. ANY ITEMS WHICH FAIL TO COMPLY WITH THE APPROVED CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT CORRECTED, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL, ARCHITECT, AND ENGINEER PRIOR TO COMPLETION OF THAT PHASE OF WORK. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS.
2. ANY CONSTRUCTION OR MATERIAL THAT HAS FAILED INSPECTION SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT.
3. CONTINUOUS SPECIAL INSPECTION MEANS THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED. PERIODIC SPECIAL INSPECTION MEANS THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK. (IBC SECTION 202)

### STATEMENT OF SPECIAL INSPECTION

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

# SCHEDULE D

## LAP SPLICE SCHEDULE

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

# SCHEDULE E

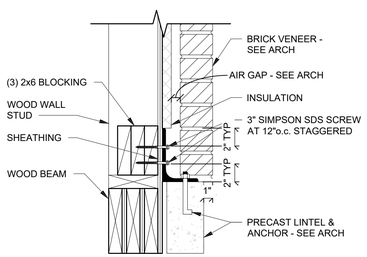
## CONCRETE PROTECTION FOR REINFORCEMENT

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

# SCHEDULE F

## STEEL ANGLE LINTEL SCHEDULE FOR VENEER

| CLEAR OPENING | SIZE OF ANGLE |
|---|---|
| UP TO 7'-0" | 4" x 4" x 3/8" |
| 7'-1" TO 9'-0" | 6" x 4" x 5/16" |
| 9'-1" TO 10'-0" | 6" x 4" x 5/16" |
| 10'-1" TO 11'-0" | 6 x 4" x 3/8" |
| 11'-1" TO 12'-0" | 6" x 4" x 7/16" |
| 12'-1" TO 13'-0" | 8" x 4" x 7/16" |
| 13'-1" AND OVER | REQUIRES SPECIAL ANALYSIS, CONTACT ENGINEER |




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

Release Date:
27-OCT-2026


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Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
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Sheet Title:
SCHEDULES

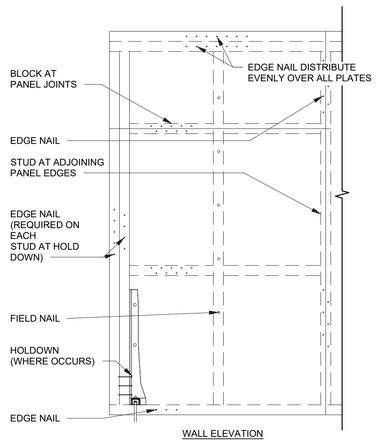
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# SCHEDULE A

## STRUCTURAL WOOD WALL SCHEDULE

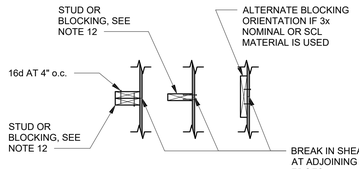
| MARK | NOMINAL STUD SIZE [11,13] | STUD SPACING | SILL PLATE [4,5] | TOP PLATES [19] | WOOD SHEATHING THICKNESS [12,14,15,16,17,18] | COMMENT | EDGE NAILING [5,6,7,8] | SILL PLATE ATTACHMENT [1,2] |
|---|---|---|---|---|---|---|---|---|
| W4-A | 2x4 | 16" | 2x4 | (2) 2x4 | 15/32" | | 6" | POWDER ACTUATED FASTENER AT 24" ON CENTER |
| W4-B | 1 1/2" x 3 1/2" SCL | 16" | 1 1/2"x5 1/2" SCL | (2) 1 1/2"x3 1/2" SCL | --- | | --- | POWDER ACTUATED FASTENER AT 24" ON CENTER [3] |
| | | | | | | | | |
| W6-A | 2x6 | 16" | 2x6 | (2) 2x6 | --- | | --- | POWDER ACTUATED FASTENER AT 24" ON CENTER |
| W6-B [9,10] | 2x6 | 16" | 2x6 [11] | (3) 2x6 | 15/32" | | 4" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER |
| W6-C | 1 1/2" x 5 1/2" SCL | 16" | 1 1/2"x5 1/2" SCL | (2) 1 1/2"x5 1/2" SCL | --- | | --- | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER |
| W6-D | 1 3/4" x 5 1/2" LVL | 16" | 1 1/2"x5 1/2" SCL | (2) 1 1/2"x5 1/2" SCL | --- | | --- | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER |
| W6-E | 1 3/4" x 5 1/2" LVL | 16" | 1 1/2"x5 1/2" SCL | (2) 1 1/2"x5 1/2" SCL | 15/32" | | 6" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER |
| W6-F | 1 3/4" x 5 1/2" LVL | 16" | 1 1/2"x5 1/2" SCL | (2) 1 1/2"x5 1/2" SCL | (2) 15/32" | | 6" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER |
| W8-A | 1 3/4" x 7 1/4" LVL | 16" | 1 1/2"x7 1/4" SCL | (2) 1 1/2"x7 1/4" SCL | 15/32" | | 4 1/2" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER |
| W8-B | 1 3/4" x 7 1/4" LVL | 16" | 1 1/2"x7 1/4" SCL | (2) 1 1/2"x7 1/4" SCL | --- | | --- | POWDER ACTUATED FASTENER AT 24" ON CENTER |
| W10-A | 1 1/2" x 9 1/2" SCL | 16" | 1 1/2"x9 1/2" SCL | (2) 1 1/2"x9 1/2" SCL | 15/32" | | 2" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 16" ON CENTER EACH FACE |
| W10-B | 1 3/4" x 9 1/2" LVL | 16" | 1 1/2"x9 1/2" SCL | (2) 1 1/2"x9 1/2" SCL | 15/32" | | 4 1/2" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER EACH FACE |
| W10-D [9,10] | 1 3/4" x 9 1/2" LVL | 16" | 3"x9 1/2" SCL [11] | (2) 1 1/2"x9 1/2" SCL | (2) 15/32" | | 3" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 16" ON CENTER EACH FACE |
| | | | | | | | | |
| W12-A | 1 3/4" x 11 7/8" LVL [21] | 12" | 1 1/2"x11 7/8" SCL | (2) 1 1/2"x11 7/8" SCL | 15/32" | | 4 1/2" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 24" ON CENTER EACH FACE |
| W12-B | (2) 1 3/4" x 11 7/8" LVL [21] | 16" | 1 1/2"x11 7/8" SCL | (2) 1 1/2"x11 7/8" SCL | 15/32" | | 4 1/2" | 5/8" DIAMETER x 8" EMBEDMENT ANCHOR AT 32" ON CENTER EACH FACE |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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

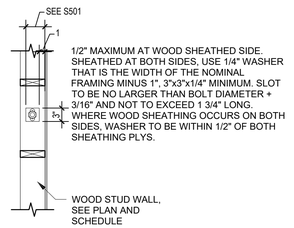



WALL ELEVATION

| NOMINAL STUD WALL | DISTANCE FROM INSIDE FACE OF FOUNDATION WALL TO CENTER OF BOLT |
|---|---|
| 2x6 | 3" |
| 2x8 | 4" |
| 2x10 | 6 1/2" |
| 2x12 | 9" |




BLOCKING DETAIL




ANCHOR BOLT PLATE WASHER DETAIL

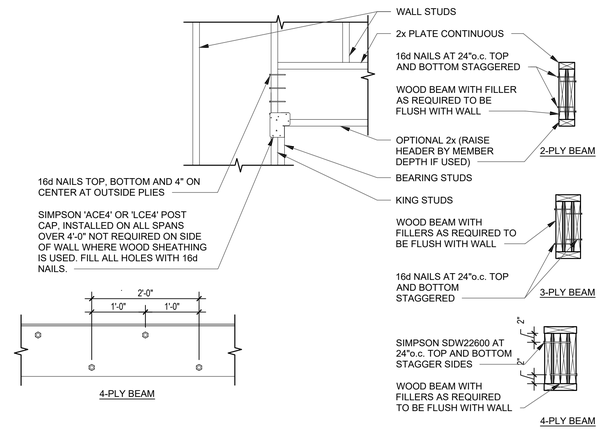
# SCHEDULE B

## WOOD BEAM SCHEDULE

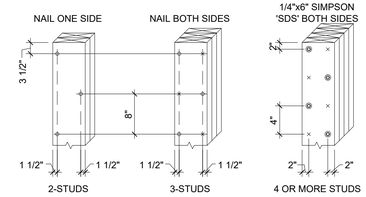
| MARK | SIZE [2,3] | MATERIAL | JAMB [1,4,7] | | COMMENTS |
|---|---|---|---|---|---|
| | | | BEARING STUDS [5] | KING STUDS [6] | |
| BM-1 | (3) 2x6 | DF-L #2 | (1) | (1) | TYPICAL EXTERIOR WINDOW AND DOOR HEADER |
| BM-1A | (7) 2x6 | DF-L #2 | (1) | (1) | EXTERIOR HEADER AT 12" WALL |
| BM-2 | (2) 2x6 | SCL | (1) | (1) | TYPICAL INTERIOR DOOR HEADER |
| BM-3 | (3) 1 3/4" x 9 1/2" | SCL | (3) | (1) | INTERIOR DOOR HEADER |
| BM-4 | (3) 2x8 | SCL | (2) | (1) | INTERIOR DOOR HEADER |
| BM-5 | (5) 1 3/4" x 9 1/4" | SCL | (2) | (2) | CHAPEL WINDOW HEADER |
| BM-6/A/B | (2) 2x10 | DF-L #2 | (1) | (1) | INTERIOR DOOR HEADER |
| BM-7 | (3) 1 3/4" x 11 7/8" | SCL | (2) | (1) | BEAM SPANNING FOYER |
| BM-8 | 5 1/8" x 21" | 24F-V4 | (2) | (4) | PARTITION DOOR SUPPORT ABOVE PLATFORM |
| BM-11 | (4) 1 3/4" x 9 1/2" | SCL | (4) | (--) | ROOM 132, 133, 134 PARTITION DOOR BEAM |
| BM-12 | (3) 1 3/4" x 11 7/8" | SCL | (2) | (2) | ROOF TRUSS SUPPORT |
| BM-13 | (3) 1 3/4" x 14" | SCL | (2) | (3) | EXTERIOR MAIN SIDE ENTRY BEAM |
| BM-14 | (3) 1 3/4" x 9 1/2" | SCL | (2) | (3) | HIGH BEAM AT STORE FRONT AT MAIN SIDE ENTRY |
| BM-15 | (3) 1 3/4" X 7 1/4" | SCL | (2) | (2) | INSIDE STOREFRONT AT MAIN SIDE ENTRY |
| BM-16 | (4) 2x8 | DF-L #2 | (2) | (3) | LOW BEAM AT STORE FRONT AT MAIN SIDE ENTRY |
| BM-17 | (3) 1 3/4" x 11 7/8" | SCL | (2) | (3) | BACK OVERBUILD WALL POP-OUT |
| BM-18 | (3) 2x10 | DF-L #2 | (2) | (3) | BACK ENTRY ABOVE STOREFRONT |
| BM-19 | (2) 2x8 | DF-L #2 | (1) | (1) | INTERIOR BACK ENTRY ABOVE STOREFRONT |
| BM-20 | (2) 2x12 | DF-L #2 | (1) | (1) | |
| BM-22 | (2) 1 3/4" x 20" | SCL | -- | -- | SMALL SIDE OVERBUILD TRUSS SUPPORT |
| BM-23 | (2) 2x8 | DF-L #2 | (1) | (1) | FOYER LIGHT COVE |
| BM-24 | (4) 1 3/4"x14" | SCL | -- | -- | STEEPLE BEAM - SEE S401 |

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

### WOOD BEAM FASTENING AND ATTACHMENT




### WOOD JAMB FASTENING




LEGEND
- ○ NAIL OR SCREW FROM THIS SIDE
- × NAIL OR SCREW FROM OPPOSITE SIDE

Release Date:
27-OCT-2026


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| | | |

Project Number:
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Plan Series:
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Property Number:
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Sheet Title:
SCHEDULES

Sheet:
S603

## SCHEDULE A

### REQUIRED NAIL TYPES

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

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

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

## SCHEDULE B

### DEFERRED SUBMITTALS

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

## SCHEDULE C

### WIND COMPONENTS AND CLADDING

| WIND ZONE | COMPONENTS AND CLADDING NEGATIVE PRESSURE EFFECTIVE WIND AREA (SQ FT.) | | | | |
|---|---|---|---|---|---|
| | 10 sq ft. | 20 sq ft. | 50 sq ft. | 100 sq ft. | 500 sq ft. |
| 1 | 43.6 | 43.6 | 37.5 | 32.8 | 25.5 |
| 2 | 69.6 | 61.0 | 49.6 | 40.9 | 35.9 |
| 3 | 81.2 | 68.4 | 51.4 | 51.4 | 51.4 |
| 4 | 33.3 | 31.9 | 30.0 | 28.7 | 25.5 |
| 5 | 41.1 | 38.3 | 34.6 | 31.9 | 25.5 |

## SCHEDULE D

### FRAMING NAILING REQUIREMENTS SCHEDULE

(REFER TO 2021 IBC TABLE 2304.9.1)

| CONNECTION AND LOCATION | NAILING | CONNECTION AND LOCATION | NAILING |
|---|---|---|---|
| JOIST TO SILL OR GIRDER (TOENAIL) | 3- 8d COMMON (2 1/12" x 0.131") 3- 3" x 0.131" NAILS | DOUBLE STUDS (FACE NAIL) | 16d (3 1/2"x0.135") AT 24"o.c. 3"x0.131" NAILS AT 8"o.c. |
| BRIDGING TO JOIST (TOENAIL EACH END) | 2- 8d COMMON (2 1/2" x 0.131") 2- 3" x 0.131" NAILS | DOUBLE TOP PLATES (TYPICAL FACE NAIL) | 16d (3 1/2"x0.135") AT 16"o.c. 3"x0.131" NAILS AT 12"o.c. |
| 1"x6" SUBFLOOR OR LESS TO EACH JOIST (FACE NAIL) | 2- 8d COMMON (2 1/2" x 0.131") | DOUBLE TOP PLATES (LAP SPLICE) | 8- 16d COMMON (3 1/2"x0.162") 12- 3"x0.131" NAILS |
| WIDER THAN 1"x6" SUBLOOR TO EACH JOIST (FACE NAIL) | 2- 8d COMMON (2 1/2" x 0.131") | BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE (TOENAIL) | 3- 8d COMMON (2 1/2"x0.131") 3- 3"x0.131" NAILS |
| 2" SUBFLOOR TO JOIST OR GIRDER (BLIND AND FACE NAIL) | 2- 16d COMMON (3 1/2" x 0.162") | RIM TO TOP PLATE (TOENAIL) | 8d (2 1/2"x0.131") 3"x0.131" NAILS AT 6"o.c. |
| SOLE PLATE TO JOIST OR BLOCKING (TYPICAL FACE NAIL) | 16d (3 1/2" x 0.135") AT 16"o.c. 3"x0.131" NAILS AT 8"o.c. | TOP PLATES, LAPS AND INTERSECTIONS (FACE NAIL) | 2- 16d COMMON (3 1/2"x0.162") 3- 3"x0.131" NAILS |
| SOLE PLATE TO JOIST OR BLOCKING AT BRACE WALL PANEL (BRACED WALL PANELS) | 3- 16d (3 1/2" x 0.135") AT 16"o.c. 4- 3"x0.131" NAILS AT 16"o.c. | CONTINUOUS HEADER, TWO PIECES (16"o.c. ALONG EDGE) | 16d COMMON (3 1/2"x0.162") |
| TOP PLATE TO STUD (END NAIL) | 2- 16d COMMON (3 1/2" x 0.162") 3- 3"x0.131" NAILS | CEILING JOISTS TO PLATE (TOENAIL) | 3- 8d COMMON (2 1/2"x0.131") 3- 3"x0.131" NAILS |
| STUD TO SOLE (SILL) PLATE (TOENAIL) | 4- 8d COMMON (2 1/2"x0.131") 4- 3"x0.131" NAILS | CONTINUOUS HEADER TO STUD (TOENAIL) | 4- 8d COMMON (2 1/2"x0.131") |
| (END NAIL) | 2- 16d COMMON (3 1/2" x 0.162") 3- 3"x0.131" NAILS | DOUBLE SILL PLATES (FACE NAIL, STAGGER) | 10d COMMON AT 12"o.c. EACH FACE |
| | | BUILT-UP CORNER STUDS | 16d (3 1/2"x0.162") AT 24"o.c. 3"x0.131" NAILS AT 16"o.c. |

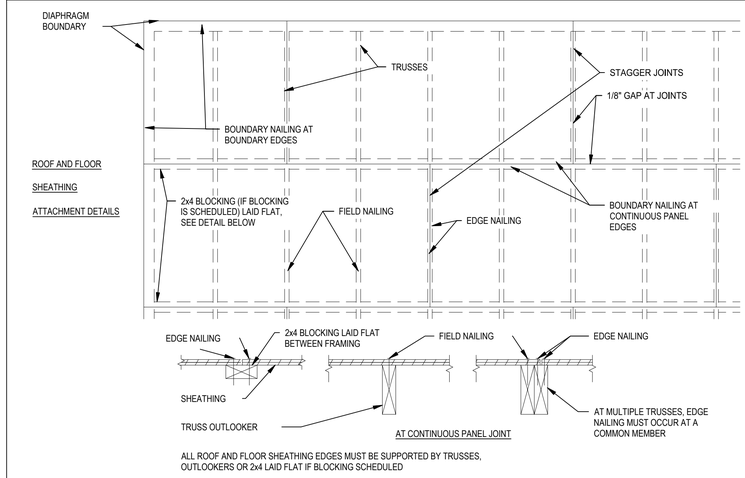
NOTES:
ALL FASTENERS FOR PRESERVATIVE AND FIRE RETARDANT TREATED WOOD SHALL BE HOT DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICONE BRONZE, OR COPPER, UNLESS WOOD IS BORATE TREATED. EXCEPTION: PLAIN CARBON STEEL FASTENERS, INCLUDING NUTS AND WASHERS, IN SBX/DOT AND ZINC BORATE PRESERVATIVE-TREATED WOOD IN AN INTERIOR, DRY ENVIRONMENT ARE PERMITTED.

## SCHEDULE E

### SHEATHING TYPE AND NAILING SCHEDULE

| LOCATION | SHEATHING | EDGE NAILING[1] | FIELD NAILING[1] | BOUNDARY NAILING[2] | BLOCKING AT PANEL EDGES |
|---|---|---|---|---|---|
| ROOF, UNBLOCKED | 19/32" 40/20 SPAN RATING | 10d AT 6"o.c. | 10d AT 6"o.c. | 10d AT 6"o.c. | NO |
| ROOF, BLOCKED TYPE 1 [4] | 19/32" 40/20 SPAN RATING | 10d AT 6"o.c. | 10d AT 6"o.c. | 10d AT 6"o.c. | YES |
| EQUIPMENT PLATFORM [3] | 23/32" 48/24 SPAN RATING T&G | 10d AT 6"o.c. | 10d AT 12"o.c. | 10d AT 6"o.c. | NO |
| ROSTRUM [3] | (2) LAYERS 19/32" 40/20 SPAN RATING | 10d AT 6"o.c. | 10d AT 12"o.c. | 10d AT 6"o.c. | NO |
| PLATFORM [3] | (2) LAYERS 19/32" 40/20 SPAN RATING | 10d AT 6"o.c. | 10d AT 12"o.c. | 10d AT 6"o.c. | NO |
| WALLS | SEE WOOD WALL SCHEDULE | | | | |

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




ALL ROOF AND FLOOR SHEATHING EDGES MUST BE SUPPORTED BY TRUSSES, OUTLOOKERS OR 2x4 LAID FLAT IF BLOCKING SCHEDULED

## SCHEDULE F

### TYPICAL BLOCKING SCHEDULE

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

Release Date:
27-OCT-2026


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579


Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

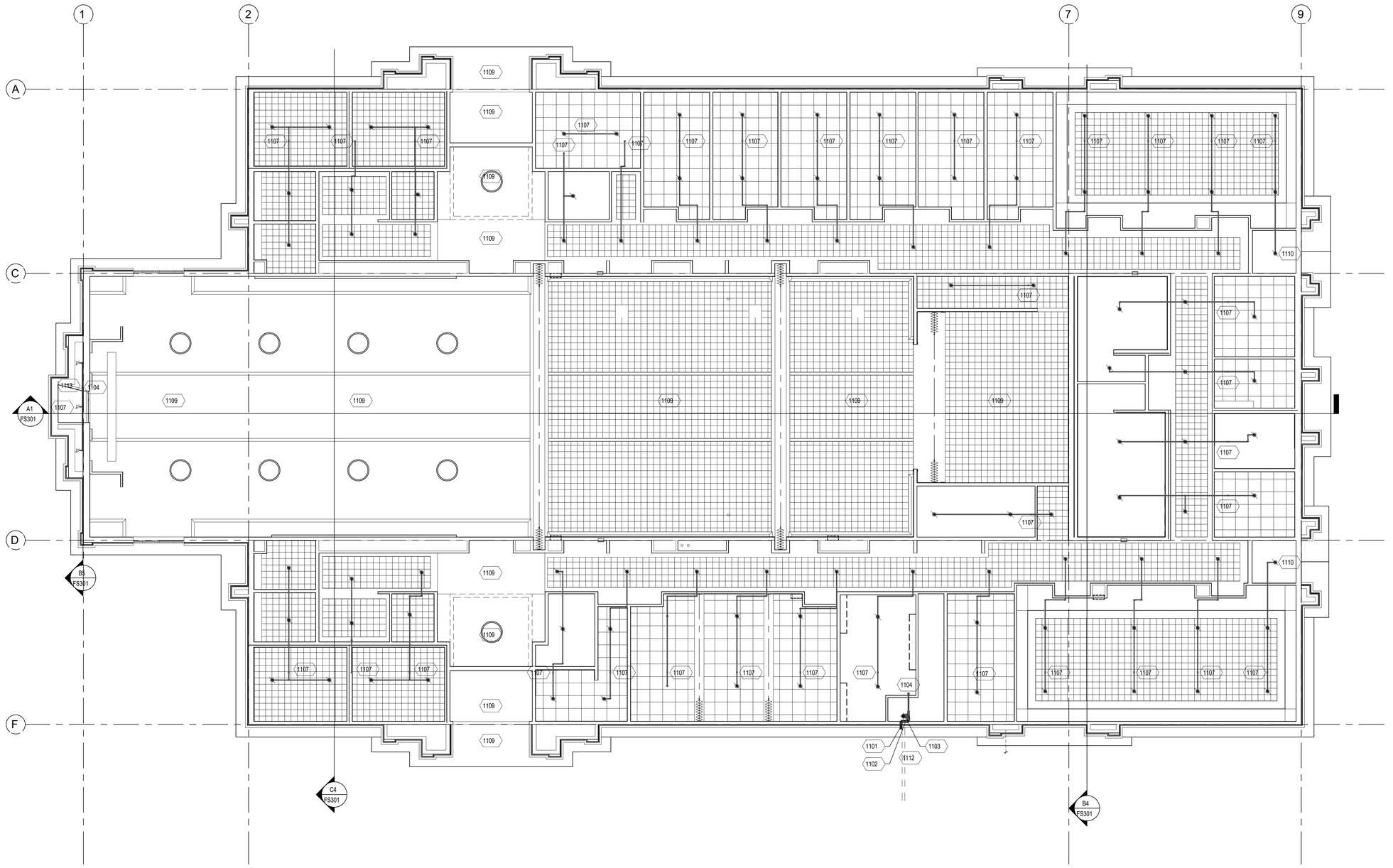
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
SCHEDULES

Sheet:
S604

## FIRE SPRINKLER LEGEND

| | | | |
|---|---|---|---|
| | UPRIGHT HEAD ON LINE | | PRESSURE GAUGE |
| | CONCEALED PENDENT HEAD | LT | LOW TEMPERATURE SENSOR PROVIDED BY DIVISION 28 |
| | CONCEALED DRY PENDENT HEAD | TS | VALVE TAMPER SWITCH |
| | SIDE DSICHARGE ATTIC HEAD | FS | FLOW SWITCH |
| | DRY SIDEWALL HEAD RECESSED | | FLEXIBLE COUPLING |
| | DRY SIDEWALL HEAD | | SWAY BRACING |
| | SIDEWALL HEAD RECESSED | | ANGLE VALVE |
| | SIDEWALL HEAD | | PIPE SUPPORT |
| | TYCO MODEL AP ATTIC UPRIGHT HEAD | | SPRINKLER PIPING |
| IT | INSPECTOR'S TEST VALVE | | FIRE DEP. CONNECTION |
| | BALL VALVE 2" & SMALLER<br>BUTTERFLY VALVE 2 1/2" & LARGER | | PIPE IN FLOOR STRUCTURE |
| | PIPE UP / PIPE DOWN | | |




MAIN LEVEL FIRE PROTECTION PLAN

1/8" = 1'-0"

A1 FS101

CONCEPTUAL LAYOUT

## GENERAL NOTES

1. INSTALL FIRE PROTECTION PIPING AS SHOWN, WET-PIPE SYSTEM THROUGHOUT ALL AREAS OF THE BUILDING.
2. USE DRY-BARREL TYPE SPRINKLERS IN CANOPIES AND VESTIBULES WHEN SUPPLIED FROM WET SYSTEM.
3. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER.
4. RUN PIPING LEVEL OR SLOPED TO DRAIN AS DESIGNATED IN NFPA 13.
5. THE FIRE SPRINKLER SYSTEM SHALL BE DESIGNED PER THE REQUIREMENTS OF NFPA 13, LIGHT HAZARD FOR THE MAIN LEVEL AND ATTIC WITH THE EXCEPTION OF THE SERVING AREA, MECHANICAL, ELECTRICAL AND JANITOR AREAS WHICH SHALL BE DESIGNED AS ORDINARY HAZARD GROUP 1, AND THE PLATFORM THAT WILL BE DESIGNED AS ORDINARY HAZARD GROUP 2.
6. SPRINKLER HEAD SPACING:
   6.1. LIGHT HAZARD: 225 SQ. FT.
   6.2. ORDINARY HAZARD: 130 SQ. FT.
   6.3. ATTIC: 130 SQ. FT. PER HEAD.
7. SEE SITE PLAN FOR UTILITY CONNECTION AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE, IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK EXCEPT AS SHOWN ON THE DRAWINGS.
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.

## SHEET KEYNOTES

1101 UNDERGROUND SUPPLY MAIN. SEE SITE PLAN FOR CONTINUATION.

1102 LOW TEMPERATURE SENSOR IN RISER ROOM. SEE SHEET FA101.

1103 WET PIPE RISER. SEE SHEET FS501.

1104 RISE PIPE UP TO EQUIPMENT PLATFORM PIPING.

1107 SPRINKLERS FEED FROM EQUIPMENT LEVEL PIPING.

1109 SPRINKLERS IN THIS AREA ARE SHOWN ON EQUIPMENT LEVEL.

1110 USE VISTAULIC VICFLEX VS1 OR APPROVED EQUAL IN FREEZING LOCATIONS.

1112 FIRE DEPARTMENT CONNECTION WITH LOCAL FIRE WATER FLOW ALARM (ELECTRIC HORN/STROBE). SEE FA101 FOR WIRING.

1113 SPRINKLERS AT TOP OF ORGAN CHAMBER AND AT MID-POINT OF CHAMBER TYP. OF THREE CHAMBERS. REFER TO ORGAN CHAMBER SECTION SHEET FS301 DETAIL B5.

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
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Stamp:

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
MAIN FLOOR
FIRE
SPRINKLER
PLAN

Sheet:
FS101

## FIRE SPRINKLER LEGEND

| | | | |
|---|---|---|---|
| | UPRIGHT HEAD ON LINE | | BALL VALVE 2" & SMALLER<br>BUTTERFLY VALVE 2 1/2" & LARGER |
| | CONCEALED PENDENT HEAD | | PRESSURE GAUGE |
| | CONCEALED DRY PENDENT HEAD | LT | LOW TEMPERATURE SENSOR<br>PROVIDED BY DIVISION 28 |
| | DRY CONCEALED PENDENT HEAD | TS | VALVE TAMPER SWITCH |
| | SIDE DSICHARGE ATTIC HEAD | FS | FLOW SWITCH |
| | DRY SIDEWALL HEAD RECESSED | | FLEXIBLE COUPLING |
| | DRY SIDEWALL HEAD | | SWAY BRACING |
| | SIDEWALL HEAD RECESSED | | ANGLE VALVE |
| | SIDEWALL HEAD | | PIPE SUPPORT |
| | TYCO MODEL AP ATTIC UPRIGHT HEAD | | SPRINKLER PIPING |
| IT | INSPECTOR'S TEST VALVE | | FIRE DEP. CONNECTION |
| | PIPE UP / PIPE DOWN | | PIPE IN FLOOR STRUCTURE |

## GENERAL NOTES

1. INSTALL FIRE PROTECTION PIPING AS SHOWN, WET-PIPE SYSTEM THROUGHOUT ALL AREAS OF THE BUILDING.
2. USE DRY-BARREL TYPE SPRINKLERS IN CANOPIES AND VESTIBULES WHEN SUPPLIED FROM WET SYSTEM.
3. OBTAIN APPROVAL FOR PIPING CHANGES FROM ARCHITECT AND ENGINEER.
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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, AND THE PLATFORM THAT WILL BE DESIGNED AS ORDINARY HAZARD GROUP 2.
6. SPRINKLER HEAD SPACING:
   6.1. LIGHT HAZARD: 225 SQ. FT.
   6.2. ORDINARY HAZARD: 130 SQ. FT.
   6.3. ATTIC: 130 SQ. FT. PER HEAD.
7. SEE SITE PLAN FOR UTILITY CONNECTION AND LOCATION OF FIRE HYDRANTS AND POST INDICATING VALVE, IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. DO NOT ROUTE PIPING THRU STRUCTURAL MEMBERS OR MECHANICAL DUCT WORK EXCEPT AS SHOWN ON THE DRAWINGS.
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.
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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.

## SHEET KEYNOTES

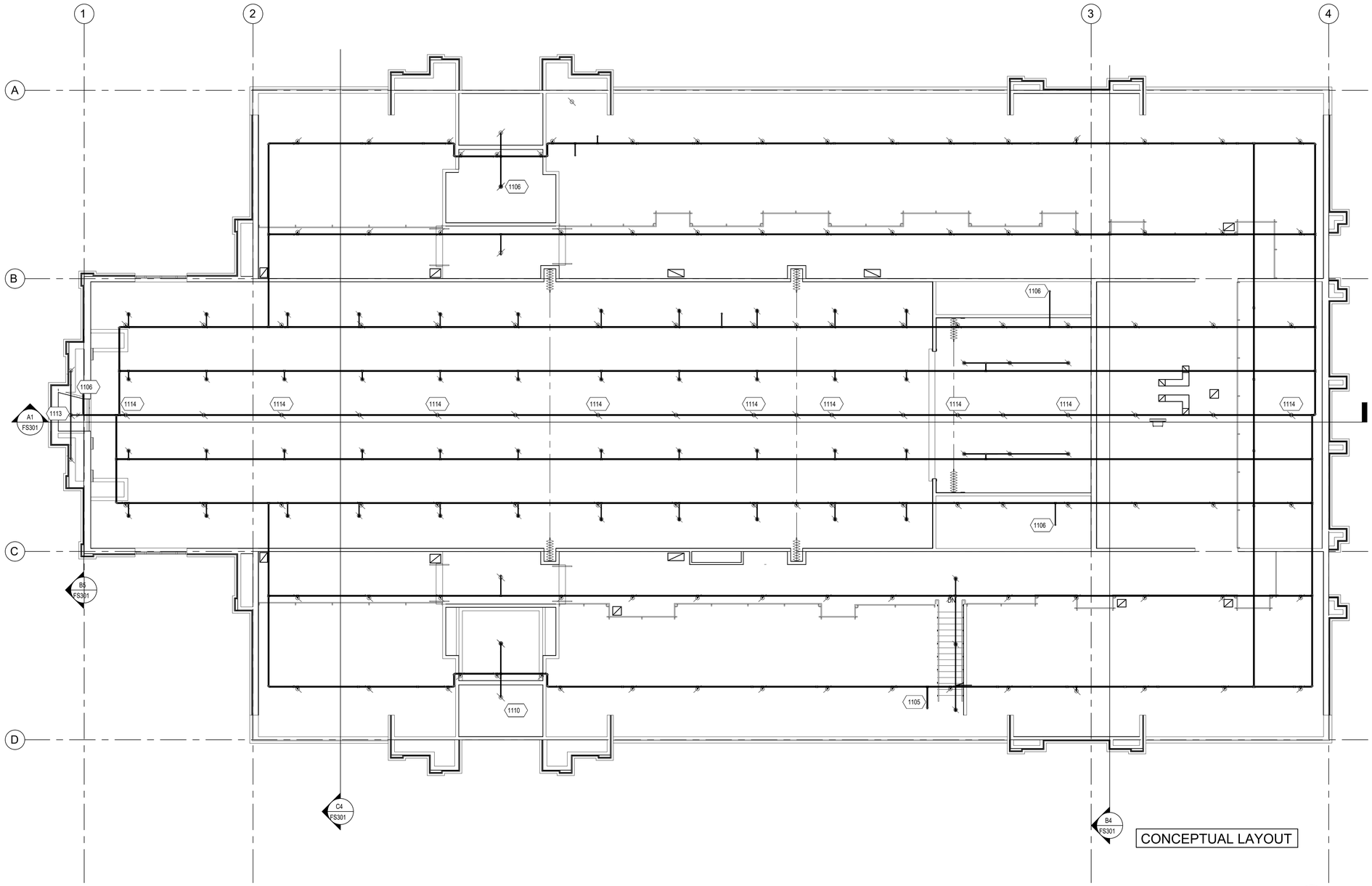
1105 DROP DOWN TO MAIN LEVEL PIPING.

1106 DROP DOWN TO SPRINKLER BELOW.

1110 USE VISTAULIC VICFLEX VS1 OR APPROVED EQUAL IN FREEZING LOCATIONS.

1113 SPRINKLERS AT TOP OF ORGAN CHAMBER AND AT MID-POINT OF CHAMBER TYP. OF THREE CHAMBERS. REFER TO ORGAN CHAMBER SECTION SHEET FS301 DETAIL B5.

1114 THIS LINE OF SPRINKLERS ARE UPRIGHT ATTIC SPRINKLERS AT THE TOP OF THE PEAK.


1
2
3
4
A
B
C
D
1106
1106
1106

# FIRE SPRINKLER LEGEND

| | | | |
|---|---|---|---|
| | UPRIGHT HEAD ON LINE | | PRESSURE GAUGE |
| | CONCEALED PENDENT HEAD | LT | LOW TEMPERATURE SENSOR PROVIDED BY DIVISION 28 |
| | CONCEALED DRY PENDENT HEAD | TS | VALVE TAMPER SWITCH |
| | SIDE DICHARGE ATTIC HEAD | FS | FLOW SWITCH |
| | DRY SIDEWALL HEAD RECESSED | | FLEXIBLE COUPLING |
| | DRY SIDEWALL HEAD | | SWAY BRACING |
| | SIDEWALL HEAD RECESSED | | ANGLE VALVE |
| | SIDEWALL HEAD | | PIPE SUPPORT |
| | TYCO MODEL AP ATTIC UPRIGHT HEAD | | SPRINKLER PIPING |
| IT | INSPECTOR'S TEST VALVE | | FIRE DEP. CONNECTION |
| | BALL VALVE 2" & SMALLER BUTTERFLY VALVE 2 1/2" & LARGER | | PIPE IN FLOOR STRUCTURE |
| | PIPE UP / PIPE DOWN | | |

# HEAD COUNT

| SPRINKLERS | K-FACTOR | ORIFICE | FINISH | TYPE | CANOPY | DEGREE | QUANTITY |
|---|---|---|---|---|---|---|---|
| | 5.6 | 1/2" | WHITE | WET PENDENT | CONCEALED | 155 | |
| | 5.6 | 1/2" | BRONZE | UPRIGHT | N/A | 212 | |
| | 5.6 | 1/2" | WHITE | DRY PENDENT | CONCEALED | 155 | |
| | 5.6 | 1/2" | BRONZE | ATTIC SIDEWALL | N/A | 212 | |
| | 5.6 | 1/2" | WHITE | DRY SIDEWALL | RECESSED | 155 | |
| E | | | | (E=EXTENDED COVERAGE) | | | |
| | 5.6 | 1/2" | WHITE | WET SIDEWALL | RECESSED | 155 | |
| | 5.6 | 1/2" | BRONZE | WET SIDEWALL | N/A | 212 | |
| | 5.6 | 1/2" | BRONZE | DRY SIDEWALL | N/A | 212 | |
| | 5.6 | 1/2" | BRONZE | ATTIC AP UPRIGHT | | 212 | |
| | | | | | | | |

## HYDRAULIC DESIGN INFORMATION FOR OFFICE WET SYSTEM

REMOTE AREA = SQUARE FEET

DENSITY = GPM/SQUARE FEET

RISER BASE _____ GPM_____ PSI

## HYDRAULIC DESIGN INFORMATION FOR MEZZNAINE WET SYSTEM

REMOTE AREA = SQUARE FEET

DENSITY = GPM/SQUARE FEET

RISER BASE _____ GPM_____ PSI

## HYDRAULIC DESIGN INFORMATION FOR ATTIC WET SYSTEM

REMOTE AREA = SQUARE FEET

DENSITY = GPM/SQUARE FEET

RISER BASE _____ GPM_____ PSI

## HYDRAULIC DESIGN INFORMATION FOR CHAPEL WET SYSTEM

REMOTE AREA = SQUARE FEET

DENSITY = GPM/SQUARE FEET

RISER BASE _____ GPM_____ PSI

## WATER FLOW TEST (1)

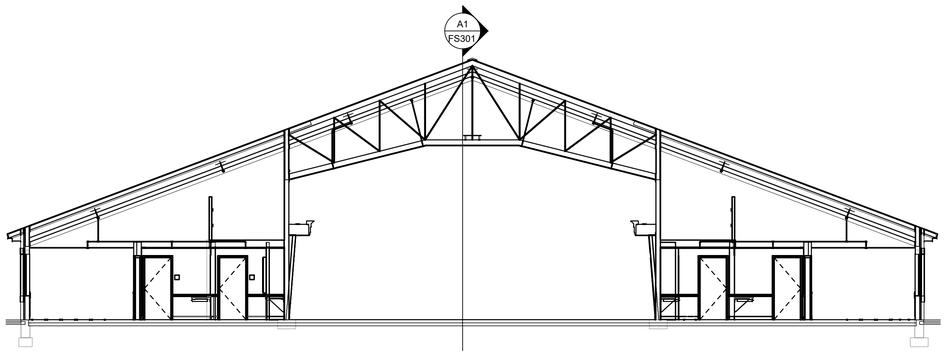
TEST DATE: _____ TEST TIME: _____

STATIC: _____ RESIDUAL: _____

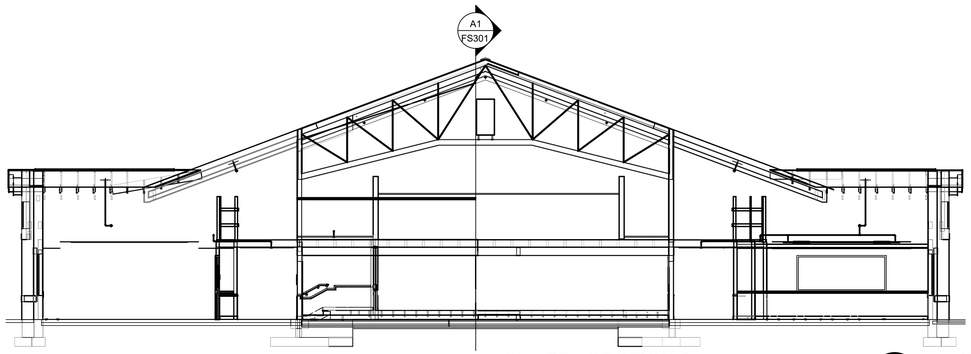
FLOW: _____ LOCATION: _____

TEST BY: _____

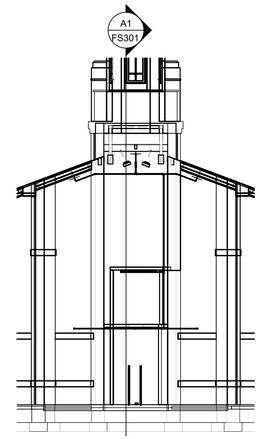
NOTE 1: COMPLETED BY/VIA CONSULTANT BEFORE DESIGN AND BID. INFORMATION POSTED HERE.




CHAPEL SECTION 2 — C4 FS301
1/8" = 1'-0"




CHAPEL SECTION 3 — B4 FS301
1/8" = 1'-0"




ORGAN CHAMBER SECTION 1 — B5 FS301
1/8" = 1'-0"




OVERALL BUILDING SECTION — A1 FS301
1/8" = 1'-0"

Release Date:
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Dennis B. Patten, AIA
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St. George, UT 84771
(435) 673-6579

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

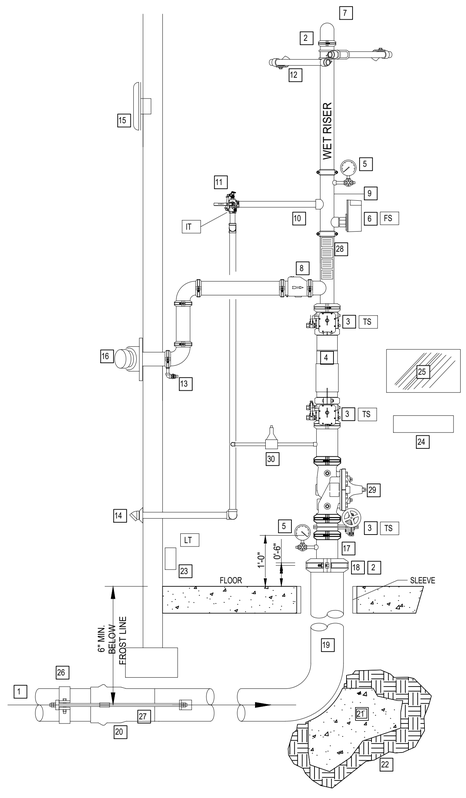
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: FIRE SPRINKLER SECTIONS

Sheet: FS301




A RISER SCHEMATIC (W BFP - W PRV)
1" = 1'-0"

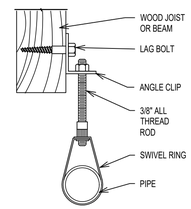
WET RISER DETAIL KEYED NOTES:

1. WATER SUPPLY FROM CITY WATER MAIN. SEE SITE UTILITY PLAN FOR CONTINUATION.
2 FLEXIBLE GROOVED PIPE COUPLING ONLY IF SEISMIC BRACING IS REQUIRED. SEE NOTE #12.
3. GROOVED BUTTERFLY VALVE WITH INTEGRAL SUPERVISORY SWITCH.
4 DOUBLE CHECK BACKFLOW PREVENTER WITH RELATED TRIM AND GAUGES.
5 31/2" DIAMETER WATER GAUGE WITH 1/4" TEST AND ISOLATION VALVE.
6 VANE TYPE WATER FLOW SWITCH.
7. SUPPLY TO WET PIPE FIRE SPRINKLER SYSTEM.
8 SWING CHECK VALVE.
9 RISER MANIFOLD - INCLUDES PRESURE GAUGE, FLOW SWITCH, PRESSURE RELIEF VALVE, AND TEST AND MAIN DRAIN DEVICE.
10. INSPECTOR'S TEST & DRAIN VALVE - PIPE TO OUTSIDE.
11. PRESSURE RELIEF VALVE - REQUIRED - SET AT 175 PSI.
12. SEISMIC BRACING REQUIRED IN SEISMIC DESIGN CATEGORY C, D, E, F. SEE DESIGN CRITERIA SCHEDULE ON SHEET S601.
13. 1/2" AUTOMATIC BALL DRIP VALVE
14. DRAIN PIPING TO OUTSIDE WITH GALVANIZED PIPE, 45 ELL, AND 1-PCE GALV. COLLAR.
15. WEATHERPROOF VOICE ALARM/STROBE (OUTSIDE)
16. OUT TO FIRE DEPARTMENT CONNECTION WITH GALVANIZED SCH 40 PIPING- PROVIDE BALL DRIP WHEN TRAPPING PIPE. SIZE CONNECTION AS REQUIRED.
16.1. NOTE: PIPE FDC TO REMOTE LOCATION WHEN REQUIRED BY FIRE MARSHAL.
17. GALVANIZED SPOOL PIECE WITH PRESSURE GAUGE.
18. REDUCING GROOVED COUPLING OR CONCENTRIC GROOVED REDUCER.
19. AMES STAINLESS STEEL "IN-BUILDING-RISER" NO SUBSTITUTIONS. MINIMUM 6 INCH.
20 TYTON JOINT PIPE CONNECTION WITH GASKET.
21 CONCRETE THRUST BLOCK WITH 8 SQ. FEET HORIZONTAL BEARING AREA (MIN).
22 UNDISTURBED EARTH.
23 LOW TEMPERATURE SENSOR - MOUNTED ON WALL - THIS SENSOR IS PROVIDED UNDER DIVISION 28 OF THE SPECIFICATIONS.
24 SPARE HEAD CABINET WITH SPARE SPRINKLER HEADS AND WRENCHES.
25 LAMINATED SYSTEM MAP WITH SYSTEM START-UP AND SHUT-DOWN INSTRUCTIONS.
26 GALVANIZED STEEL PIPE RETAINER CLAMP.
27 GALVANIZED STEEL RODS, SIZE PER NFPA 24, TO INCLUDE WASHERS, ROD COUPLINGS, AND ALL-THREAD RODS WITH DOUBLE HEX NUTS.
28 HYDRAULIC CALCULATION PLACARDS
29 "CLA-VAL" MODEL 90G-21 PRESSURE REDUCING VALVE
30 1/2" "CLA-VAL" MODEL 55L PRESSURE RELIEF VALVE - PIPE TO DRAIN OUTSIDE BUILDING

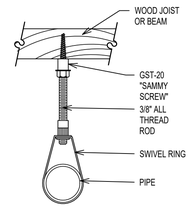
GENERAL NOTES:

1. PROVIDE SLEEVES WHERE PIPING PENETRATES BUILDING AT FLOOR AND WALLS. SEAL AROUND PENETRATION WITH FLEXIBLE MASTIC AT FLOOR. PROVIDE 2" ANNULAR SPACE AROUND PIPE.

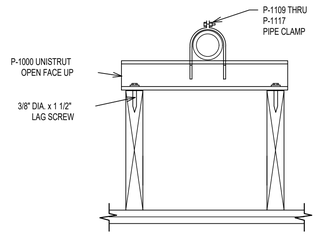
2 ALL BURIED STEEL COMPONENTS SHALL BE PROTECTED FROM CORROSION BY THE TAR AND WRAPPED METHOD. GALVANIZED COMPONENTS ARE NOT EXEMPT FROM THIS REQUIREMENT.



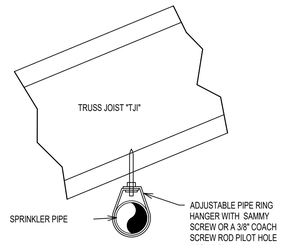

B HANGER DETAIL
NO SCALE



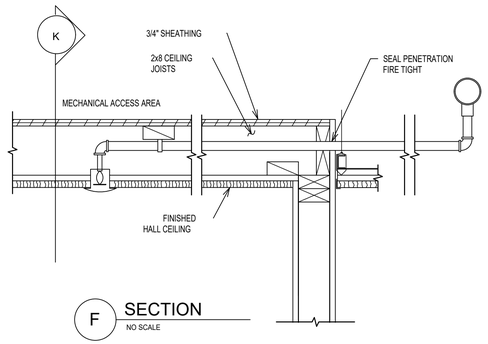

C HANGER DETAIL
NO SCALE



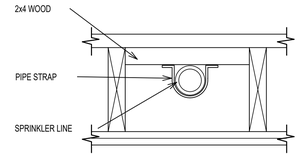

D HANGER DETAIL
NO SCALE



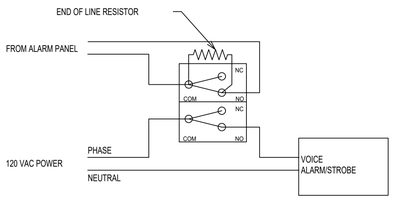

E HANGER DETAIL
NO SCALE




F SECTION
NO SCALE

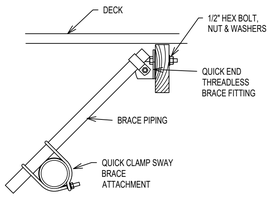



G SECTION
NO SCALE



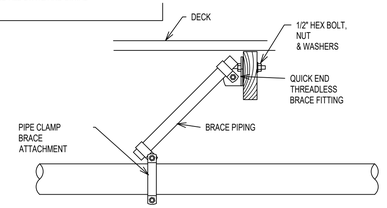

WIRE ALARMS TO CONTACTS THAT ARE NORMALLY OPEN AND THEN CLOSE ON ACTIVATION

H WIRING SCHEMATIC
NO SCALE

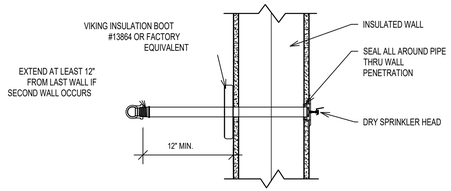



J LATERAL SEISMIC BRACE
NO SCALE

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




K LONGITUDINAL SEISMIC BRACE
NO SCALE




Release Date:
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Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

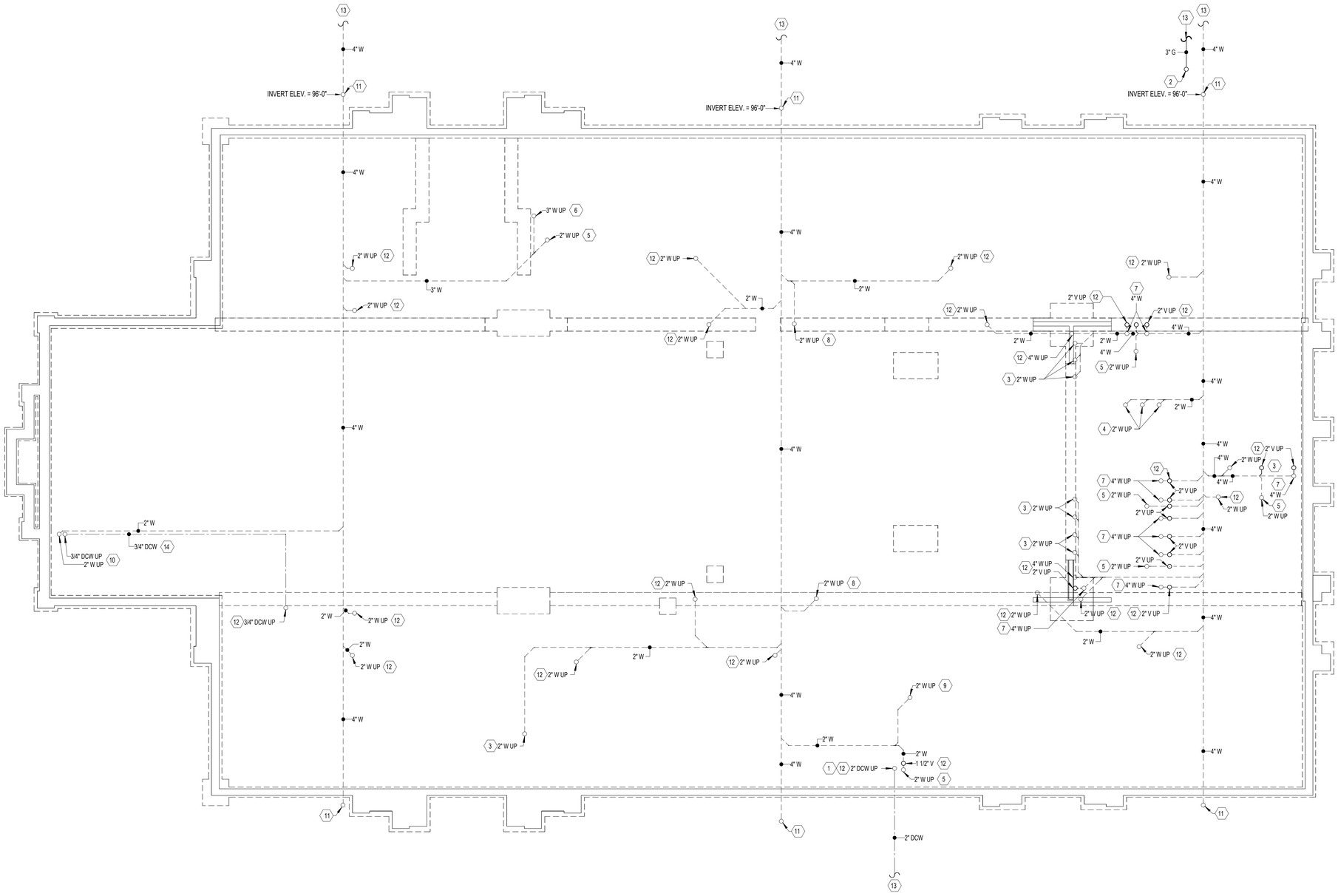
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
FIRE SPRINKLER DETAILS

Sheet:
FS501




# BELOW-GRADE PLUMBING PLAN

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

North

## 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" DCW UP TO WATER PRESSURE REDUCING STATION. REFER TO DETAIL B/P501.
2. 3" GAS MAIN RISES TO PRESSURE REGULATOR AND GAS METER. SEE SHEET P101 FOR CONTINUATION.
3. 2" WASTE UP TO LAVATORY.
4. 2" WASTE UP TO URINAL.
5. 2" WASTE UP TO FLOOR DRAIN.
6. 3" WASTE UP TO SERVICE SINK.
7. 4" WASTE UP TO WATER CLOSET.
8. 2" WASTE UP TO DRINKING FOUNTAIN.
9. 2" WASTE UP TO SINK.
10. 3/4" DCW AND 2" WASTE UP TO SACRAMENT SINK.
11. PIPE RISES UP TO CLEANOUT AT GRADE.
12. PIPE RISES TO LEVEL ABOVE. SEE SHEET P101 FOR CONTINUATION.
13. SEE SITE UTILITY PLAN FOR CONTINUATION.
14. ROUTE PIPING AT LEAST 3' BELOW GRADE TO BE BELOW FROST DEPTH.

A GREASE INTERCEPTOR IS NOT REQUIRED FOR THIS PROJECT AT THIS TIME.

**Pretreatment Notes**

1. A "Food Service Establishment" is defined as any building, vehicle, place, or structure, or any room or division in a building, vehicle, place, or structure, where: (A) food is prepared, served, or sold for immediate consumption on or in the vicinity of the premises; (B) called for or taken out by customers; or (C) prepared prior to being delivered to another location for consumption.(Ord. 8-4-14-2)

2. All newly constructed commercial structures, strip malls, multi-tenant planned occupied buildings, or planned unoccupied buildings, shall install independent wastewater discharge lines stubbed out within each designated future food establishment unit. If a new source commercial structure, strip mall, or multi-tenant building has planned occupancy by one or more businesses that do not generate FOG, and therefore do not need a grease interceptor, and the owner of the structure does not facilitate the installation of independent wastewater discharge lines and install a common interceptor, then no future food establishment shall be permitted, unless the facilities are retrofitted for independent lines.(Ord. 8-4-14-3)

3. All plans proposing to install an interceptor must include the City of St. George Standard Detail. (Ord. 8-4-14-3)

4. The discharge of wastewater with temperatures in excess of one hundred forty degrees Fahrenheit (140°F) to any FOGS control device, including interceptors and traps, is prohibited. (Ord. 8-4-14-4)

5. Installation and use of food grinders in new and/or remodeled FSE's are not recommended. (Ord. 8-4-14-4)

6. All drains near chemical storage shall be plugged and/or chemicals shall have secondary containment to prevent discharge into the sanitary sewer.

7. All kitchen fixtures (including mop sinks and excluding hand washing sinks and ice machines) must discharge to the grease waste line that flows into the grease interceptor. Prior to occupancy and/or the issuance of the business license and following the interceptor leak test approval, all kitchen fixtures must pass a dye test performed by the Pretreatment Department. Request a dye test from the Pretreatment Department by visiting pretreatment.sgcity.org when all kitchen fixtures are installed, plumbed to the grease interceptor, and have running water to them. Any questions can be directed to (435) 627-4266.

8. No user shall introduce or cause to be introduced into the POTW any pollutant or wastewater as outlined in Ord. 8-4-2.1 (Prohibited Discharge Standards).

Release Date:
27-OCT-2026

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REGISTERED PROFESSIONAL ENGINEER
No. 191366-2202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

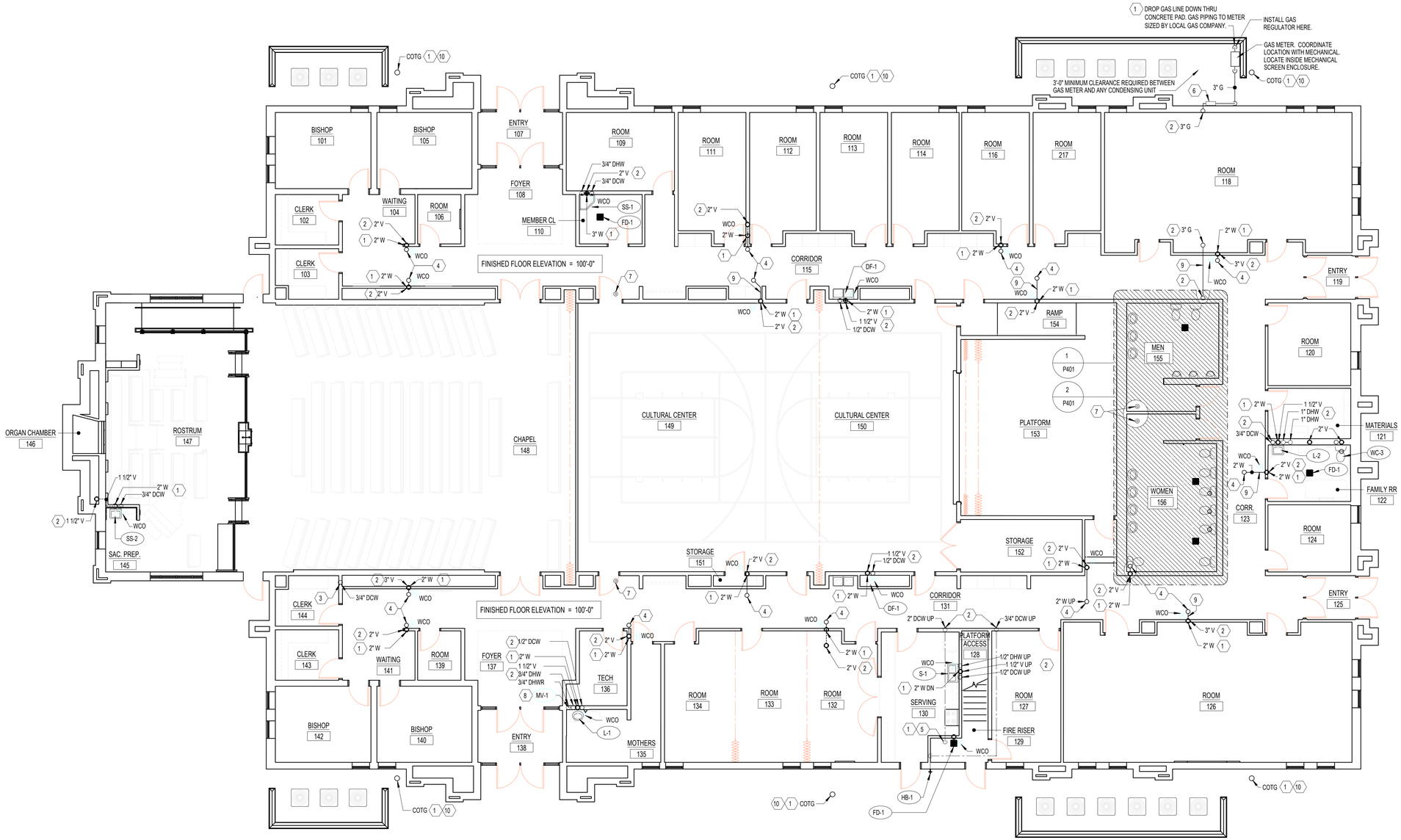
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: BELOW-GRADE PLUMBING PLAN

Sheet: P100




## 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 DOWN BELOW-GRADE. REFER TO SHEET P100 FOR CONTINUATION.
2. PIPE RISES UP TO THE EQUIPMENT PLATFORM. REFER TO SHEET P102 FOR CONTINUATION.
3. PIPE DROPS DOWN BELOW-GRADE AND RISES UP TO THE EQUIPMENT PLATFORM. REFER TO SHEETS P100 AND P102 FOR CONTINUATION.
4. 2" WASTE UP TO CONDENSATE RECEIVER, CR. SEE DETAIL H/P501. COORDINATE WITH MECHANICAL DUCTWORK AND EQUIPMENT. REFER TO SHEET P102 FOR CONTINUATION.
5. WATER PRESSURE REDUCING STATION. REFER TO DETAIL B/P501.
6. REFER TO DETAIL A/P501.
7. HW CIRCULATION PUMP HARDWIRED OCCUPANCY SENSOR LOCATION. SEE GENERAL NOTE #13.
8. THERMOSTATIC MIXING VALVE INSIDE WALL WITH LOCKING ACCESS DOOR. COORDINATE LOCATION WITH ARCHITECTURAL.
9. PIPING RUN HORIZONTALLY IN FLOOR/CEILING JOISTS, TYPICAL.
10. REFER TO DETAIL E/P501.

Release Date:
27-OCT-2026

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DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
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WASHINGTON, UT 84780

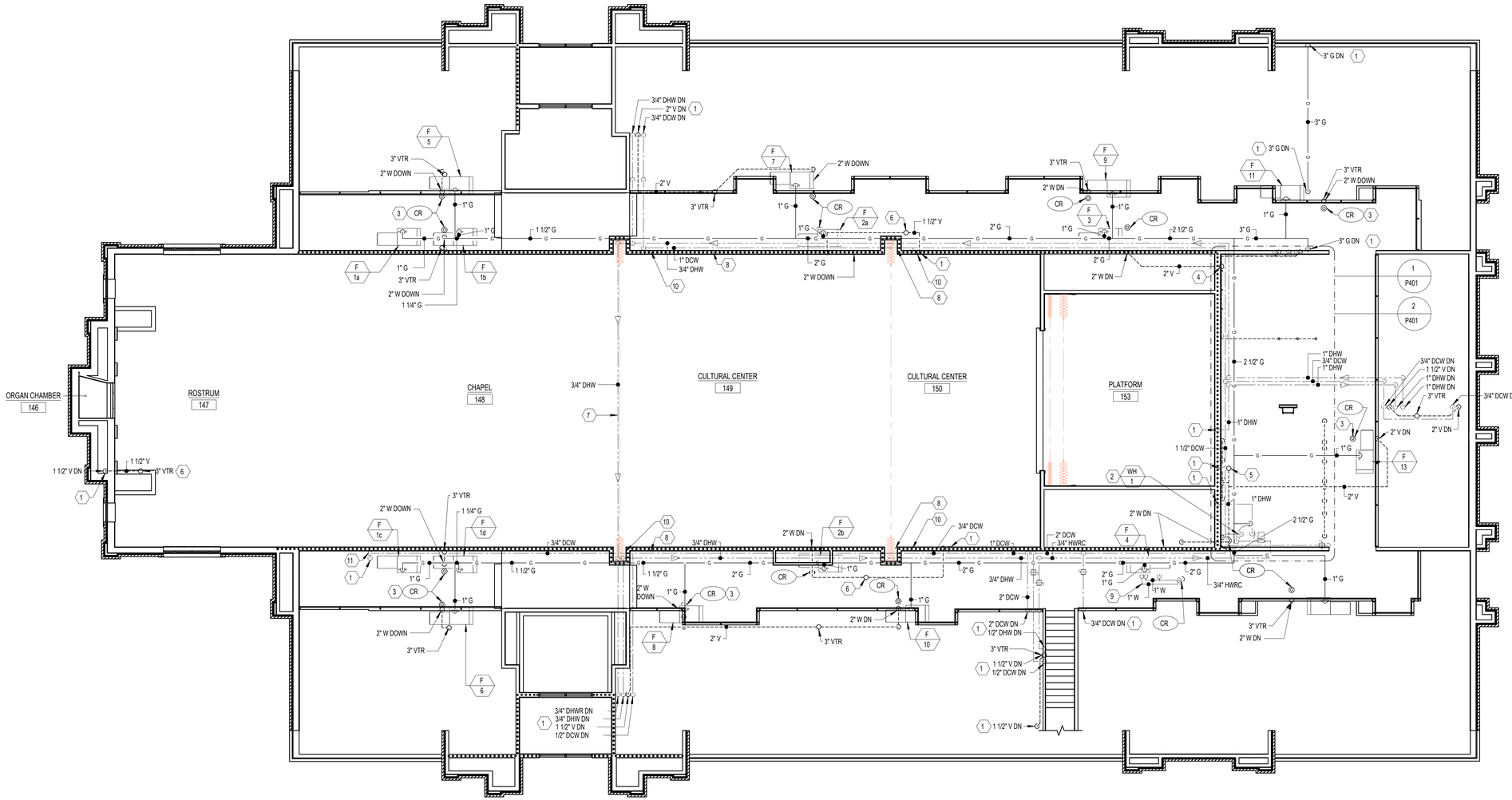
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
PLUMBING FLOOR PLAN

Sheet:
P101




EQUIPMENT PLATFORM PLUMBING PLAN

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

North

# 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/P502 FOR PIPE SUPPORT.

# # KEYED NOTES

1. REFER TO SHEET P101 FOR CONTINUATION.
2. REFER TO DETAIL F/P501.
3. REFER TO DETAIL H/P501, TYPICAL.
4. 3" VTR.
5. 4" VTR.
6. VENT LINE UP TO 3" VTR.
7. CONTRACTOR SHALL RUN ALL WATER LINES WITHIN BUILDING INSULATION ENVELOPE.
8. PIPING IS SHOWN HORIZONTALLY MOUNTED FOR CLARITY. PIPING SHALL BE STACKED ON THE WALL.
9. FAN UNIT DRAIN PAN WITH SD (SECONDARY DRAIN) AND D (DRAIN) LINES RUN TO NEAREST CR-1. SEE GENERAL NOTE #5. REFER TO DETAIL D/M503. TYPICAL FOR ALL FAN UNITS.
10. ROUTE PIPING AS NEEDED TO GO AROUND CURTAIN WALL CAVITIES.
11. PROVIDE SACRAMENT SINK SHUT-OFF VALVE IN VERTICAL PIPE AT THIS LOCATION. COORDINATE VALVE LOCATION WITH OTHER DISCIPLINES TO MAINTAIN ACCESSIBILITY.

Release Date:
27-OCT-2026

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REGISTERED PROFESSIONAL ENGINEER
No. 191366-4202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

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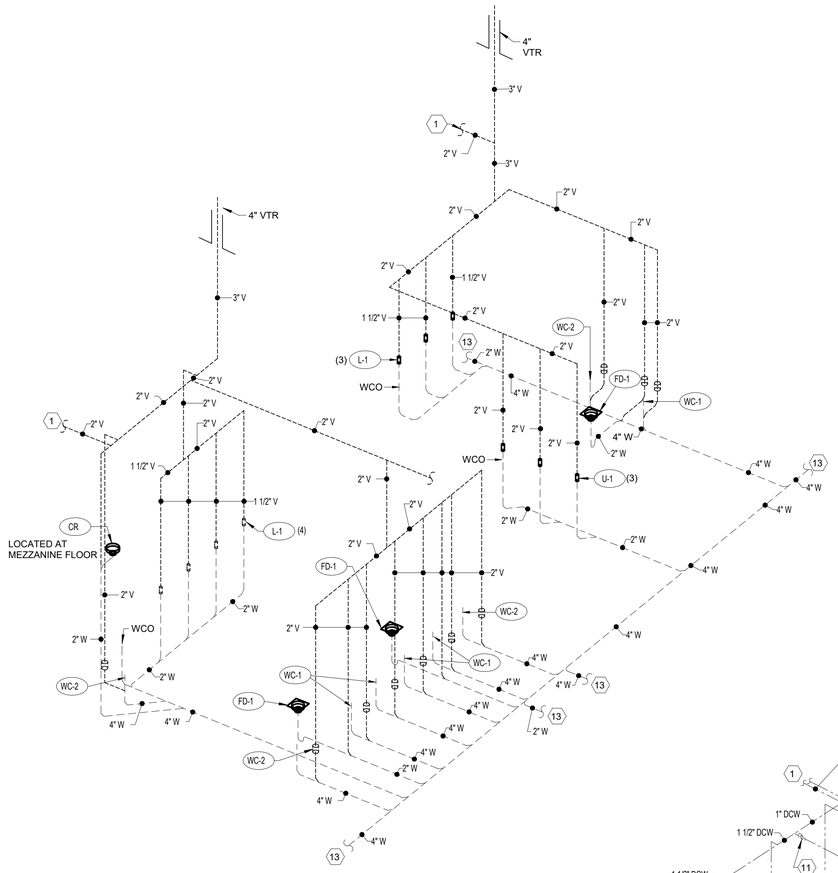
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DMY) | Description |
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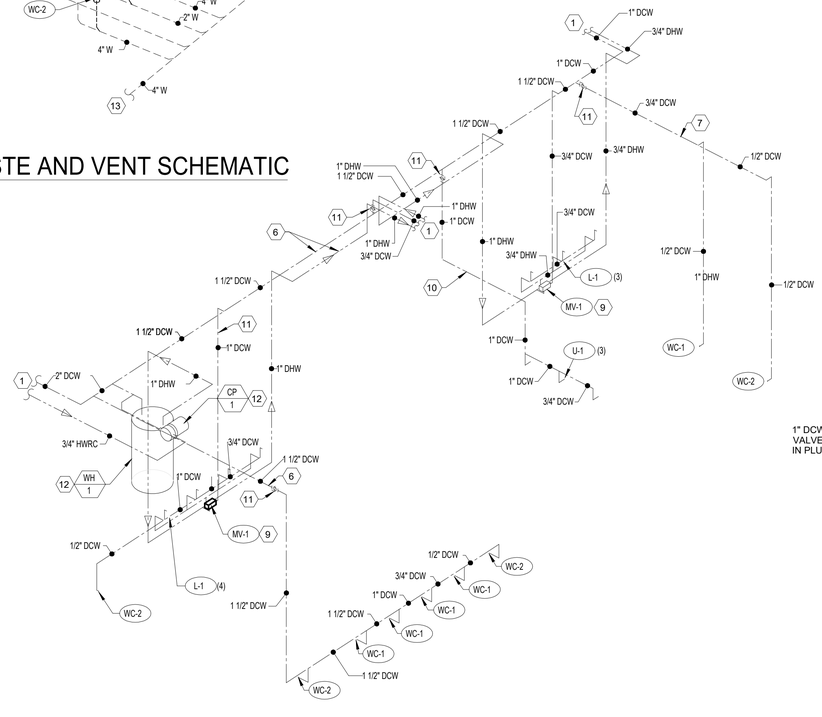
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
EQUIPMENT PLATFORM PLUMBING PLAN

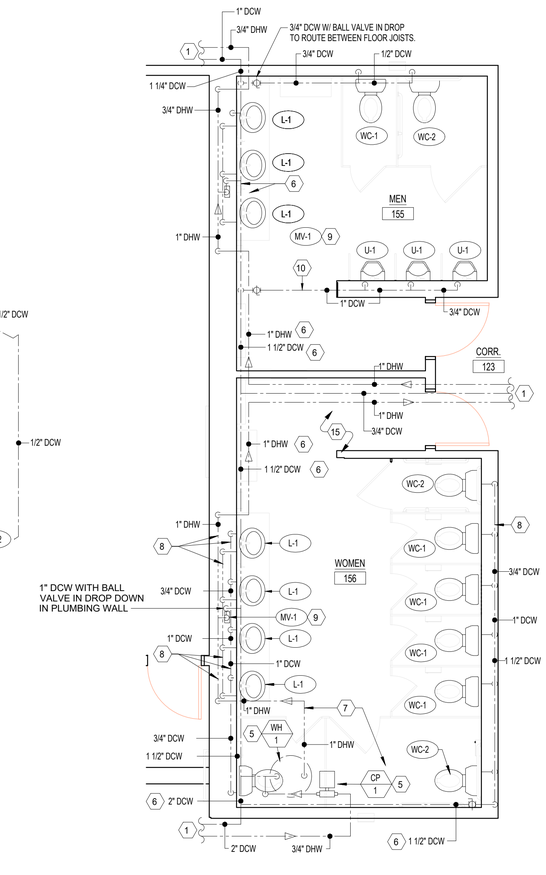
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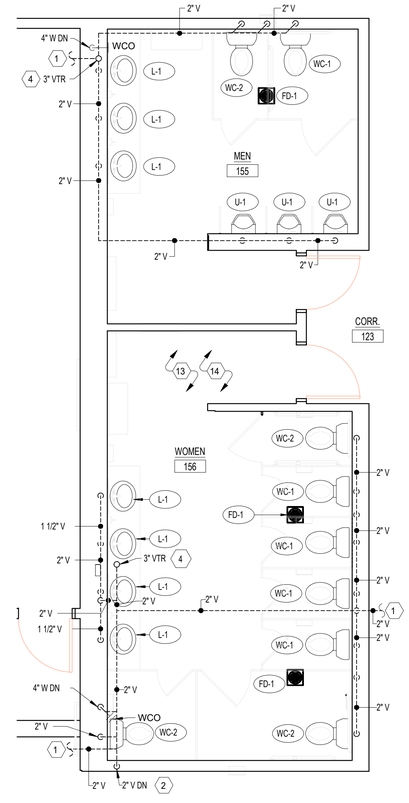

3 PLUMBING WASTE AND VENT SCHEMATIC
SCALE:




4 PLUMBING WATER SUPPLY SCHEMATIC
SCALE:




2 LARGE SCALE DOMESTIC WATER PIPING PLAN
SCALE: 1/4" = 1'-0"




1 LARGE SCALE WASTE AND VENT PIPING PLAN
SCALE: 1/4" = 1'-0"

## KEYED NOTES

1. REFER TO SHEET P102 FOR CONTINUATION.
2. 2" WASTE UP TO CONDENSATE RECEIVER CR. COORDINATE WITH MECHANICAL DUCTWORK AND EQUIPMENT. REFER TO SHEET P102 FOR CONTINUATION.
4. 4" VTR.
5. WATER HEATER AND CIRCULATOR PUMP LOCATED AT MEZZANINE LEVEL SHOWN FOR CLARITY.
6. WATER PIPING LOCATED ON WALL AT MEZZANINE LEVEL SHOWN HORIZONTALLY FOR CLARITY.
7. WATER PIPING LOCATED AT MEZZANINE LEVEL SHOWN FOR CLARITY.
8. WATER PIPING LOCATED IN PLUMBING WALL AT FIXTURE LEVEL.
9. THERMOSTATIC MIXING VALVE INSIDE WALL WITH LOCKING ACCESS DOOR. COORDINATE LOCATION WITH ARCHITECTURAL.
10. PIPING RUN HORIZONTALLY IN FLOOR/CEILING JOISTS.
11. BRANCH SHUT-OFF VALVE. SEE GENERAL NOTE #12 ON SHEET P101.
12. REFER TO DETAIL F/PS01.
13. FOR BELOW-GRADE PIPING. REFER TO SHEET P100.
14. THIS VIEW INCLUDES DWV PIPING FOR THE MAIN RESTROOMS ABOVE GRADE.
15. THIS VIEW SHOWS DOMESTIC WATER PIPING FOR THE MAIN RESTROOMS ON THE MAIN FLOOR AND AT THE EQUIPMENT PLATFORM LEVEL.

Release Date:
27-OCT-2026

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No. 191366-4202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

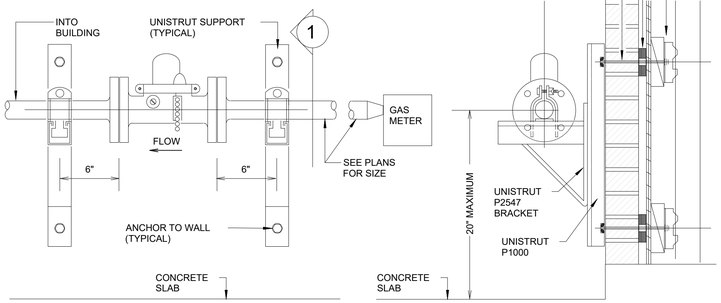
| Mark | Date (D-M-Y) | Description |
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Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-6721-26010101

Sheet Title:
LARGE SCALE PLUMBING PLANS

Sheet:
P401

NOTES:
1. VALVE MUST BE INSTALLED WITH THE CHAIN AND RESET BUTTON FACING OUT AND ACCESSIBLE.
2. THE CHAIN IS A PLUMB LINE. MAKE SURE VALVE IS MOUNTED ABSOLUTELY LEVEL AND NO PART OF THE CHAIN IS TOUCHING THE RING.
3. VALVE MUST BE INSTALLED WITH GAS FLOW IN DIRECTION OF "ARROW" CAST INTO VALVE BODY.
4. SEISMIC VALVE TO BE LOCATED WITHIN THE FIRST SIX LINEAL FEET OF PIPE FROM METER.
5. SEISMIC VALVE MUST BE SAME SIZE AS LINE INTO BUILDING. SEISMIC VALVE MUST BE 2" MINIMUM FLANGED.



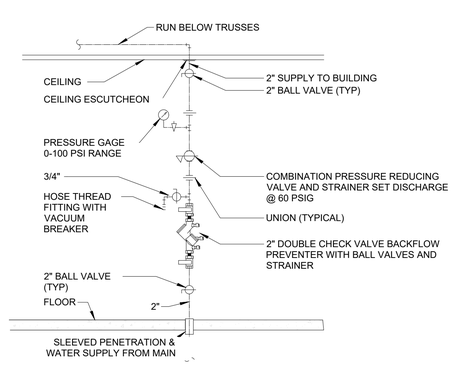

ELEVATION VIEW



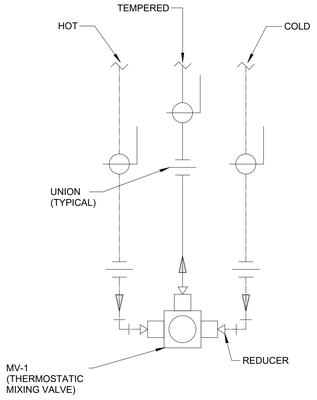

1 SECTION

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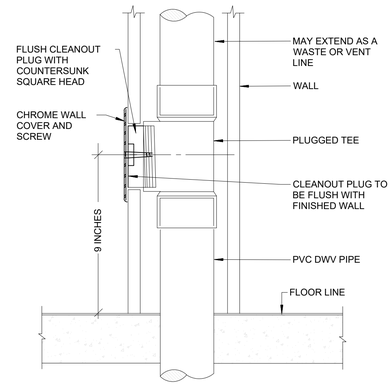
## A SEISMIC VALVE DETAIL
NOT TO SCALE



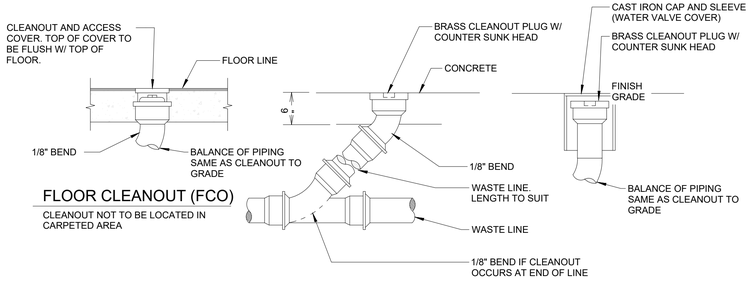

## B VERTICAL WATER PRESSURE REDUCING STATION DETAIL
NOT TO SCALE




## C MIXING VALVE PIPING SCHEME
NOT TO SCALE




## D WALL CLEANOUT DETAIL
NOT TO SCALE

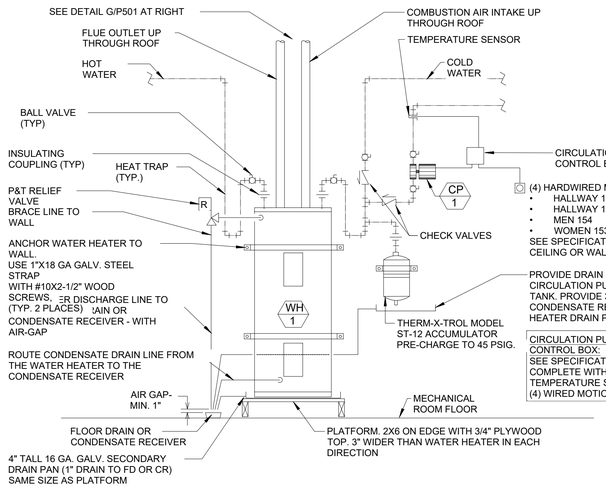



FLOOR CLEANOUT (FCO)

CLEANOUT NOT TO BE LOCATED IN CARPETED AREA

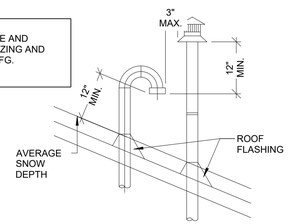
CLEANOUT TO GRADE (COTG) (CONCRETE & GRADE)

## E CLEANOUT DETAILS
NOT TO SCALE

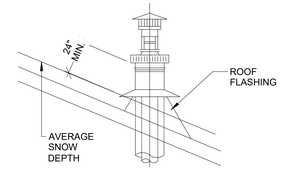



## F TANK WATER HEATER PIPING DETAIL
NOT TO SCALE

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

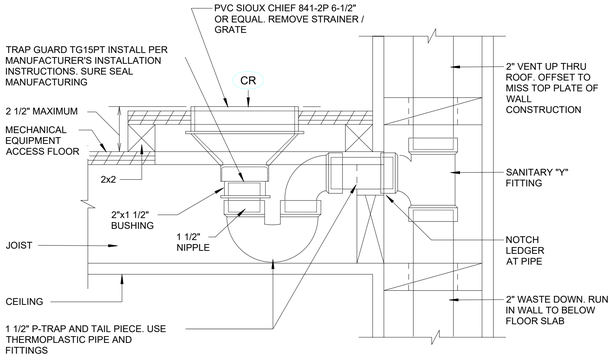



DOUBLE ROOF PENETRATION

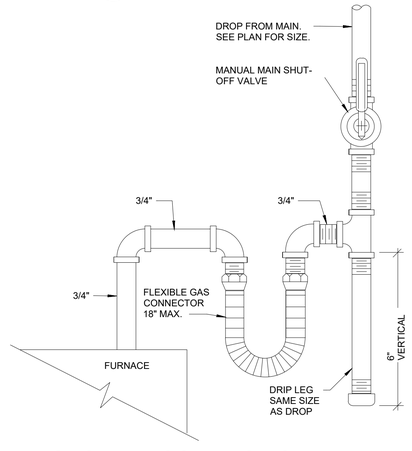



SINGLE ROOF PENETRATION

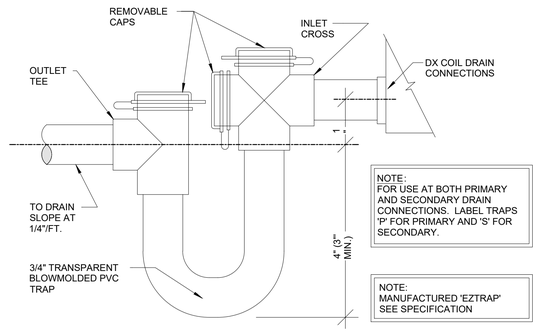
## G WATER HEATER VENTING PENETRATION DETAILS
NOT TO SCALE




## H CONDENSATE RECEIVER DETAIL
NOT TO SCALE




## J GAS LINE CONNECTION DETAIL
NOT TO SCALE

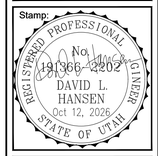



## K DX COIL CONDENSATE DRAIN DETAIL
NOT TO SCALE

Release Date:
27-OCT-2026


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Stamp:




Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

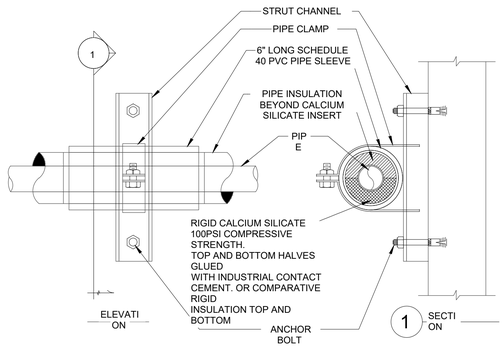
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-MM-Y) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

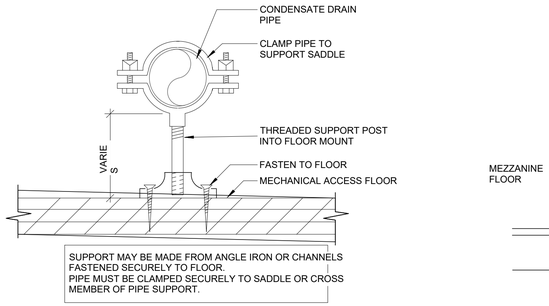
Sheet Title:
PLUMBING DETAILS

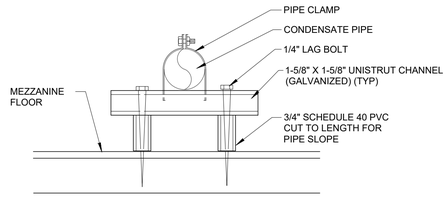
Sheet:
P501




## A WALL PIPE SUPPORT DETAIL

NOT TO SCALE

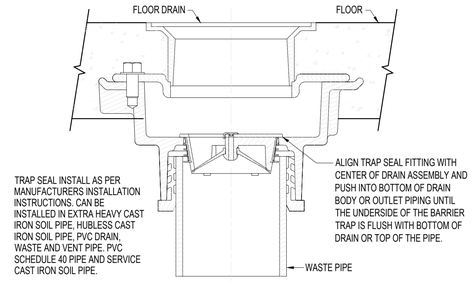



CONDENSATE DRAIN PIPING MAY BE INSTALLED USING EITHER OF THESE TWO SUPPORT METHODS

## B CONDENSATE DRAIN PIPE SUPPORT DETAIL

NOT TO SCALE




## C TRAP SEAL INSTALLATION DETAIL

NOT TO SCALE

Release Date:
27-OCT-2026

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DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (DAY) | Description |
|---|---|---|
| - | - | - |
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Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
PLUMBING DETAILS

Sheet:
P502

## PLUMBING FIXTURE SCHEDULE

| MARK | QUANTITY | FIXTURE | TRAP | WASTE | VENT | C.W. | H.W. | REMARKS |
|---|---|---|---|---|---|---|---|---|
| CR | 16 | CONDENSATE RECEPTOR | 1-1/2" | 1-1/2" | 2" | -- | -- | SEE DETAIL J/P501, FIELD ASSEMBLED |
| DF-1 | 2 | DRINKING FOUNTAIN | 1-1/2" | 1-1/2" | 1-1/2" | 1/2" | -- | ELECTRIC BI-LEVEL (ADA APPROVED) |
| FD-1 | 6 | FLOOR DRAIN | 2" | 2" | 2" | -- | -- | WITH DEEP SEAL P-TRAP AND TRAP SEAL. SEE DETAIL C/P502 |
| HB-1 | 1 | WALL HYDRANT | -- | -- | -- | 3/4" | -- | FREEZE PROOF. 20" MINIMUM LENGTH |
| L-1 | 8 | LAVATORY | 1-1/4" | 1-1/4" | 1-1/2" | 1/2" | 1/2" | COUNTER TOP 20"X17", SEE ARCHITECTURAL ELEVATIONS, SEE NOTES 2 & 3 |
| L-2 | 1 | LAVATORY | 1-1/4" | 1-1/4" | 1-1/2" | 1/2" | 1/2" | SELF SUPPORTING 20"x18", SEE ARCHITECTURAL ELEVATIONS, SEE NOTES 2 & 3 |
| MV-1 | 4 | MIXING VALVE | -- | -- | -- | 1/2" | 1/2" | FOR LAVATORIES - SEE DETAIL C/P501 - MEETS ASSE 1070. SEE NOTE 4. |
| S-1 | 1 | SERVING AREA SINK | 1-1/2" | 1-1/2" | 1-1/2" | 1/2" | 1/2" | TWO COMPARTMENT |
| SS-1 | 1 | SERVICE SINK | 3" | 3" | 3" | 1/2" | 1/2" | FLOOR TYPE |
| SS-2 | 1 | SACRAMENT SINK | 1-1/4" | 1-1/4" | 1-1/4" | 1/2" | -- | COUNTER TOP |
| U-1 | 3 | URINAL | INT. | 2" | 2" | 3/4" | -- | FLUSH VALVE, WALL HUNG, HEU (HIGH EFFICIENCY URINAL), SEE NOTE 2 |
| WC-1 | 5 | WATER CLOSET | INT. | 3" | 2" | 1/2" | -- | FLUSH TANK, HET (HIGH EFFICIENCY TOILET) |
| WC-2 | 4 | WATER CLOSET | INT. | 3" | 2" | 1/2" | -- | FLUSH TANK, 18" RIM HEIGHT (ADA APPROVED), HET |
| WC-3 | 1 | WATER CLOSET | INT. | 4" | 2" | 1/2" | -- | FLUSH TANK, 18" RIM HEIGHT (ADA APPROVED), (1.6 GAL. PER FLUSH) |

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.

## GAS-FIRED WATER HEATER SCHEDULE

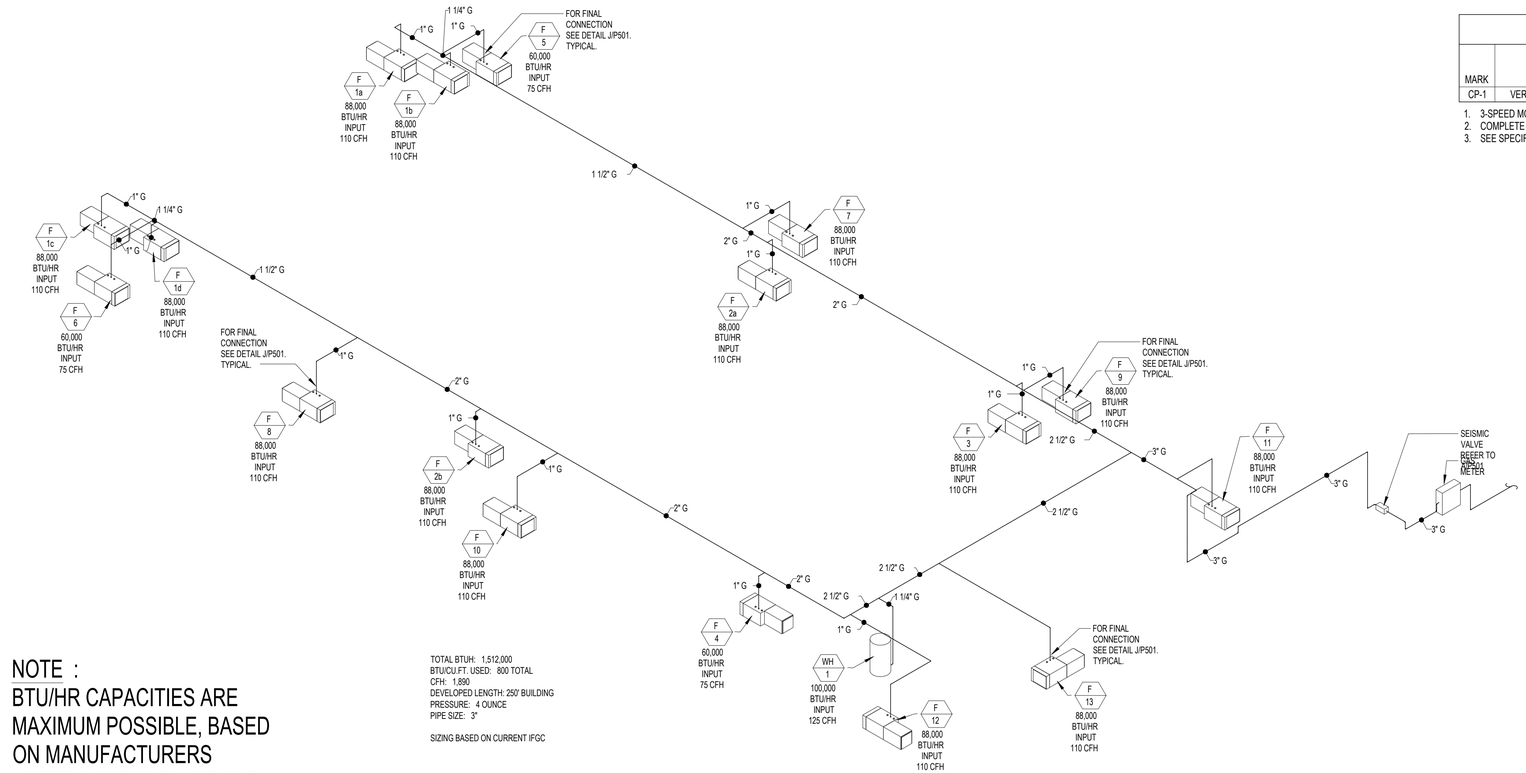
| MARK | TYPE | INPUT LOAD (BTU/H) | MIN. EFF. (%) | LEAVING WATER TEMP (°F) | TANK SIZE (GAL) | FLUE SIZE (IN) | MAX. WIDTH/ DEPTH/ HEIGHT (IN) | OPERATING WEIGHT (LBS) | V/PH/HZ | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| WH-1 | CONDENSING | 100,000 | 94 | 130 °F | 34-55 | 4" | 30/30/60 | 450 - 1000 | 120/1/60 | SEE NOTES 1 & 2 |

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

## DOMESTIC PUMP SCHEDULE

| MARK | TYPE | FLUID | | | ELECTRICAL | | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | GPM | WORKING FLUID | HEAD PRESSURE (FT) | MOTOR SIZE (HP) | AMPS | V/PH/HZ | |
| CP-1 | VERTICAL INLINE | 3.5 | WATER | 28 | 0.167 | 1.8 | 120/1/60 | 1,2,3 |

1. 3-SPEED MOTOR.
2. COMPLETE WITH TEMPERATURE SENSOR, CONTROLLER, AND (4) WIRED MOTION SENSORS.
3. SEE SPECIFICATION SECTION 22 3423 & DETAIL F/P501.




TOTAL BTUH: 1,512,000
BTU/CU.FT. USED: 800 TOTAL
CFH: 1,890
DEVELOPED LENGTH: 250' BUILDING
PRESSURE: 4 OUNCE
PIPE SIZE: 3"

SIZING BASED ON CURRENT IFGC

NOTE :
BTU/HR CAPACITIES ARE MAXIMUM POSSIBLE, BASED ON MANUFACTURERS LISTED IN SPECIFICATIONS.

1 GAS PIPING SCHEMATIC
SCALE:

Release Date:
27-OCT-2026


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No. 191366-4202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
PLUMBING SCHEDULES AND GAS PIPING SCHEMATIC

Sheet:
P601




## MAIN FLOOR MECHANICAL PLAN

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

North

## 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. 12"x5" UNLINED RA DROP DOWN IN WALL TO R-1 RETURN AIR GRILLE. TYPICAL. REFER TO ARCHITECTURAL DETAILS FOR DUCT DROPS LOCATED IN ACOUSTICAL WALLS.
3. COMPRESSOR UNIT. PROVIDE MINIMUM 2'-0" CLEAR ALL AROUND. PROVIDE 30" MINIMUM CLEARANCE AT SERVICE SIDE. REFER TO SHEET M501 FOR REFRIGERANT PIPING SCHEME AND DETAILS. TYPICAL FOR ALL UNITS.
4. GAS METER LOCATION. PROVIDE 3'-0" MINIMUM CLEAR TO COMPRESSOR UNIT.
5. ALL CEILING DIFFUSERS ARE 4-WAY BLOW UNLESS SHOWN OTHERWISE. TYPICAL.
6. DUCT DROP IN CHASE.
7. SIDEWALL SUPPLY GRILLE IS MOUNTED HIGH ON THE WALL NEAR THE CEILING. REFER TO ARCHITECTURAL ELEVATION PLANS FOR EXACT PLACEMENT.
8. INSTALL RIGID DUCT THROUGH FLOOR TO DIFFUSER. SEAL AT FLOOR PENETRATION. SEE SHEET M102 FOR CONTINUATION.
9. COORDINATE EXACT LOCATION WITH STRUCTURAL HEADER FLOOR JOISTS IF REQUIRED.

## LEGEND

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|---|---|---|---|---|---|
| | BRANCH DUCT TAKE-OFF SEE DETAIL A/M502 | | BDD - (BACK DRAFT DAMPER) | SA | SUPPLY AIR |
| | SINGLE THICKNESS TURNING VANES | | MANUAL VOLUME DAMPER | RA | RETURN AIR/RELIEF AIR TO ERV's |
| | DUCT TRANSITION | | FLEX. CONNECTION 6'-0" MAX LENGTH - SEE DETAIL F/M502 | OA | OUTSIDE AIR |
| | MOTORIZED DAMPER | SD-1 | DUCT SMOKE DETECTOR. INSTALL 12x12 ACCESS DOOR AT ALL LOCATIONS | TA | TRANSFER AIR |
| | | | | FA | FRESH AIR (ERV LABEL) |
| | | | | EA | EXHAUST AIR |
| | | | | AF | ABOVE FLOOR |
| | | | | SL UP | SLOPE UP OR DN |

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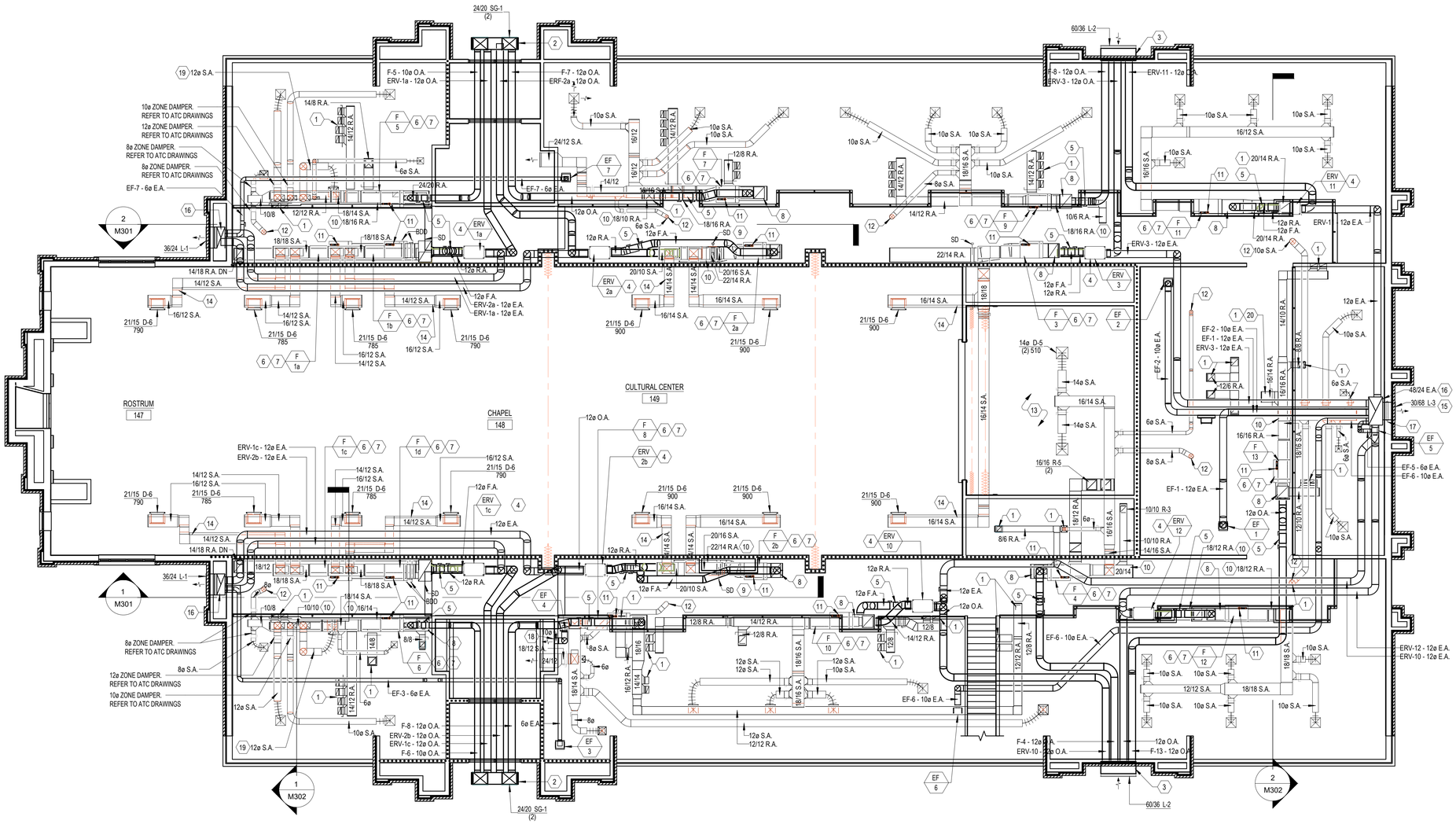
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
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Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
MAIN FLOOR MECHANICAL PLAN

Sheet:
M101




## EQUIPMENT PLATFORM MECHANICAL PLAN

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

North

## KEYED NOTES

| # | |
|---|---|
| 1 | REFER TO SHEET M101 FOR CONTINUATION. |
| 2 | PROVIDE 20" WIDE X 24" HIGH PLENUM FULL LENGTH OF BOTH SOFFIT GRILLES. |
| 3 | 24" DEEP OUTSIDE AIR INTAKE PLENUM. INSTALL ICE AND WATER SHIELD AT INTERIOR OF PLENUM. SLOPE BOTTOM TOWARDS EXTERIOR WALL. WRAP WITH SPECIFIED INSULATION. |
| 4 | REFER TO DETAIL H/M502 FOR ERV UNIT DAMPER REQUIREMENTS AND SUSPENDED MOUNTING. TYPICAL FOR ALL ERV'S. |
| 5 | REFER TO DETAIL F/M503 FOR OUTSIDE AIR CONTROLS. |
| 6 | REFER TO DETAILS A, B, AND D SHEET M503. TYPICAL. |
| 7 | REFER TO DETAIL G/M502 FOR EXTERNAL FILTER SECTION. TYPICAL OF ALL HORIZONTAL FAN SYSTEMS. |
| 8 | MIXED AIR PLENUM AT INLET TO FAN UNIT. FULL SIZE. DUCT SIZE TO MATCH RA CONNECTION SIZE. TYPICAL OF ALL SYSTEMS. |
| 9 | INSTALL IN RA DUCT BELOW. |
| 10 | RA DUCT BELOW. |
| 11 | CONCENTRIC VENT AND COMBUSTION AIR PIPING UP THROUGH ROOF. REFER TO DETAIL C AND D/M503. DO NOT BLOCK ACCESS WITH PIPING. TYPICAL FOR ALL FAN SYSTEMS. LOCATE VENTS ALIGNED ALONG BUILDING AXIS AND AWAY FROM ROOF PEAKS AND VALLEYS. |
| 12 | INSTALL RIGID DUCT THROUGH FLOOR TO DIFFUSER. SEAL AT FLOOR PENETRATION. |
| 13 | RUN DUCTWORK BELOW CATWALK AND BOTTOM CHORD OF ROOF TRUSS. |
| 14 | RUN DUCTWORK IN TRUSS SPACE AND BETWEEN TRUSS WEBS. TYPICAL OF UPPER SUPPLY DUCTWORK FOR CHAPEL AND CULTURAL CENTER. |
| 15 | SEE NOTE #14 SHEET M601 REGISTER, LOUVER AND GRILLE SCHEDULE FOR REQUIRED DIMENSION INFORMATION. |
| 16 | EXHAUST AIR PLENUM. |
| 17 | 30"x68" BACKDRAFT DAMPER. |
| 18 | EXHAUST FAN TO DISCHARGE AIR INTO THE CEILING SPACE DIRECTLY ABOVE THE TECH ROOM. PROVIDE DUCTWORK AS SHOWN TO DIRECT AIRFLOW. |
| 19 | SUPPLY DIFFUSER IS OVERSIZED FOR FAN SYSTEM RELIEF. |
| 20 | COORDINATE EXACT LOCATION WITH STRUCTURAL. HEADER FLOOR JOISTS IF REQUIRED. |

Release Date:
27-OCT-2026

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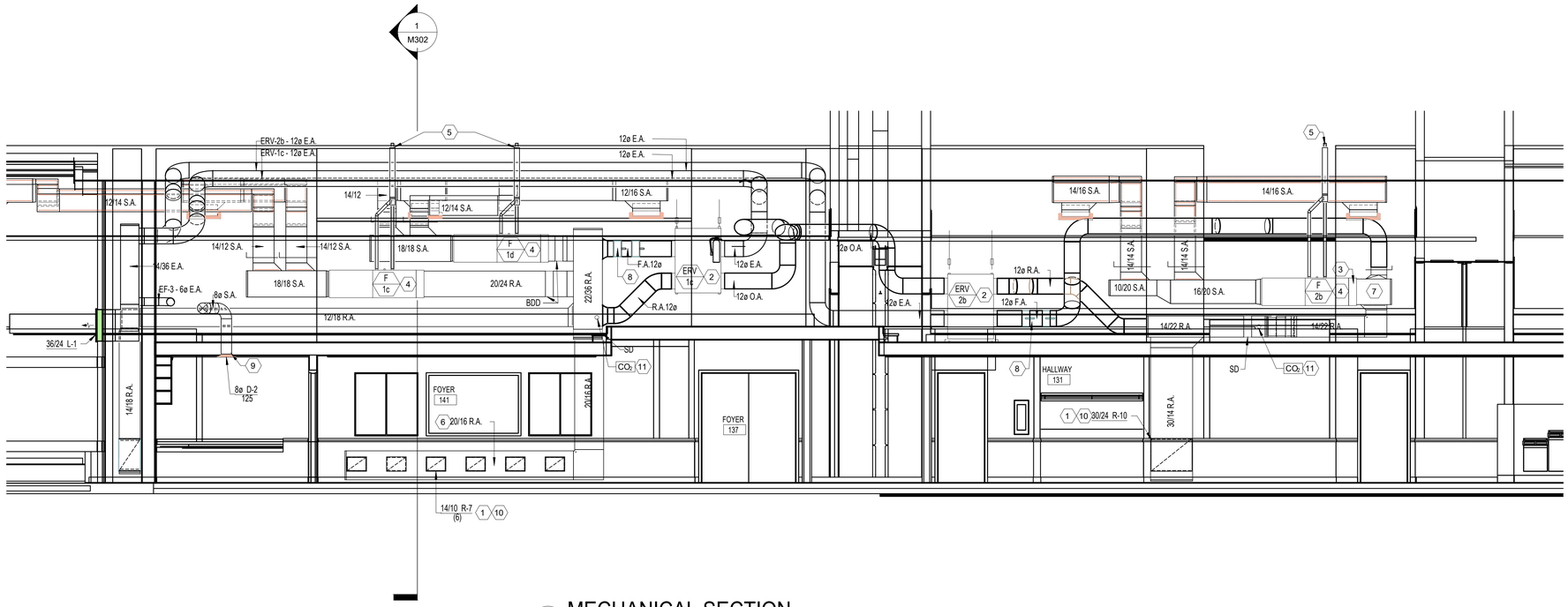
Project for:
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| Mark | Date (DAY) | Description |
|---|---|---|
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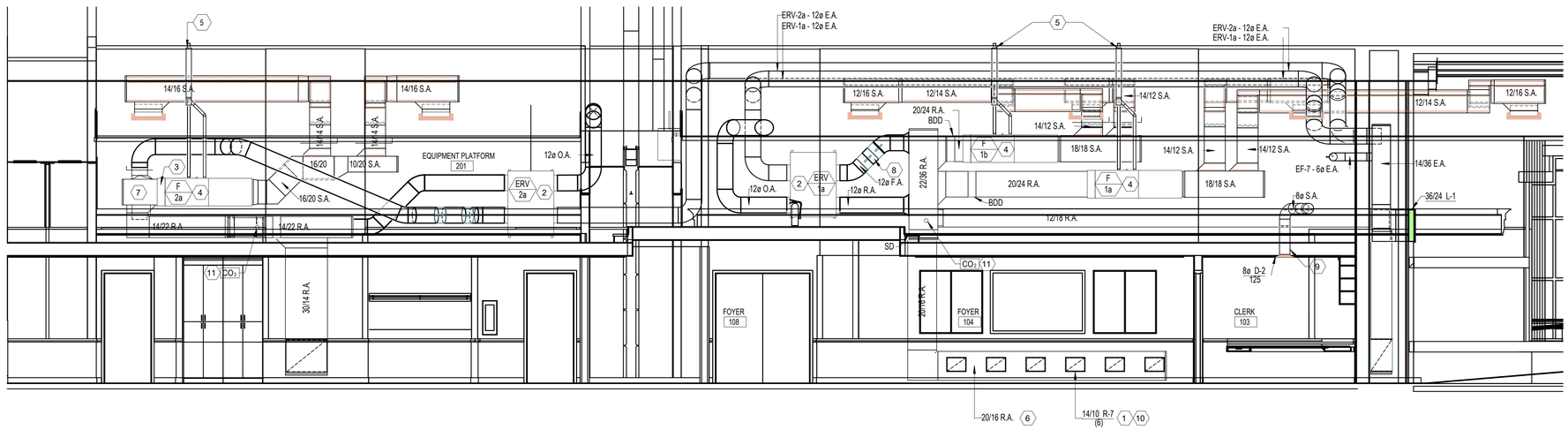
Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: EQUIPMENT PLATFORM MECHANICAL PLAN

Sheet: M102




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




2 MECHANICAL SECTION
SCALE: 1/4" = 1'-0"

## # KEYED NOTES

1. LOCATED IN WALL BEYOND. REFER TO SHEET M101.
2. ENERGY RECOVERY VENTILATOR. REFER TO DETAIL H/M502.
3. REFER TO DETAIL G/M502 FOR EXTERNAL FILTER SECTION. TYPICAL OF ALL HORIZONTAL FAN SYSTEMS.
4. REFER TO DETAILS A, B, AND D SHEET M503. TYPICAL.
5. 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.
6. HORIZONTAL 16"x20" RA DUCT AT BOTTOM OF CHASE. REFER TO SECTION 1 AND 2/M301.
7. MIXED AIR PLENUM AT INLET TO FAN UNIT. FULL SIZE. TYPICAL OF ALL SYSTEMS.
8. REFER TO DETAIL F/M503 FOR OUTSIDE AIR CONTROLS.
9. INSTALL RIGID DUCT THROUGH FLOOR TO DIFFUSER. SEAL AT FLOOR PENETRATION.
10. INSTALL ALL LOW SIDEWALL RETURN AIR GRILLES AT 8" FROM FINISH FLOOR TO BOTTOM EDGE OF GRILLE FRAME. TYPICAL.
11. CO2 SENSOR SHOWN HERE FOR CLARITY. SENSOR SHALL BE LOCATED (AS SHOWN) IN FAN SYSTEM F-1a/F-1b LOCATED AT GRID LINE "B" NEAR ASSOCIATED RP-6 PANEL.

Release Date:
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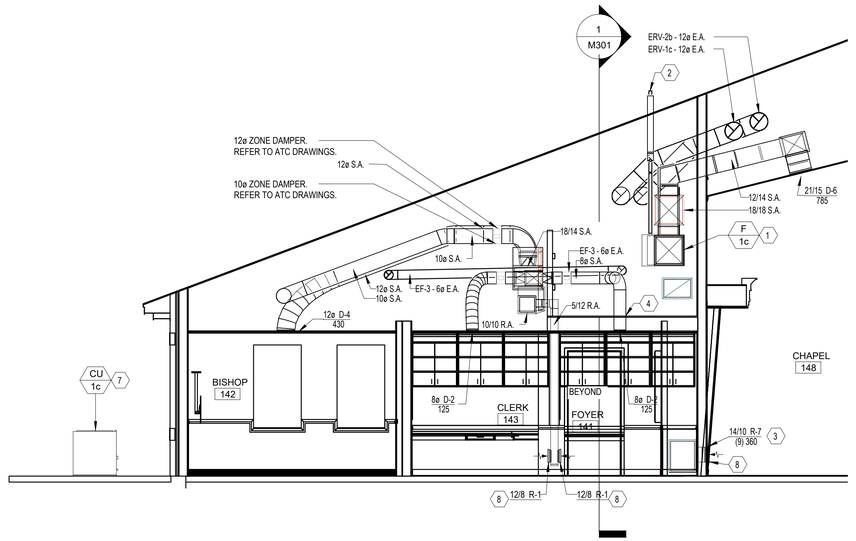
Project for:
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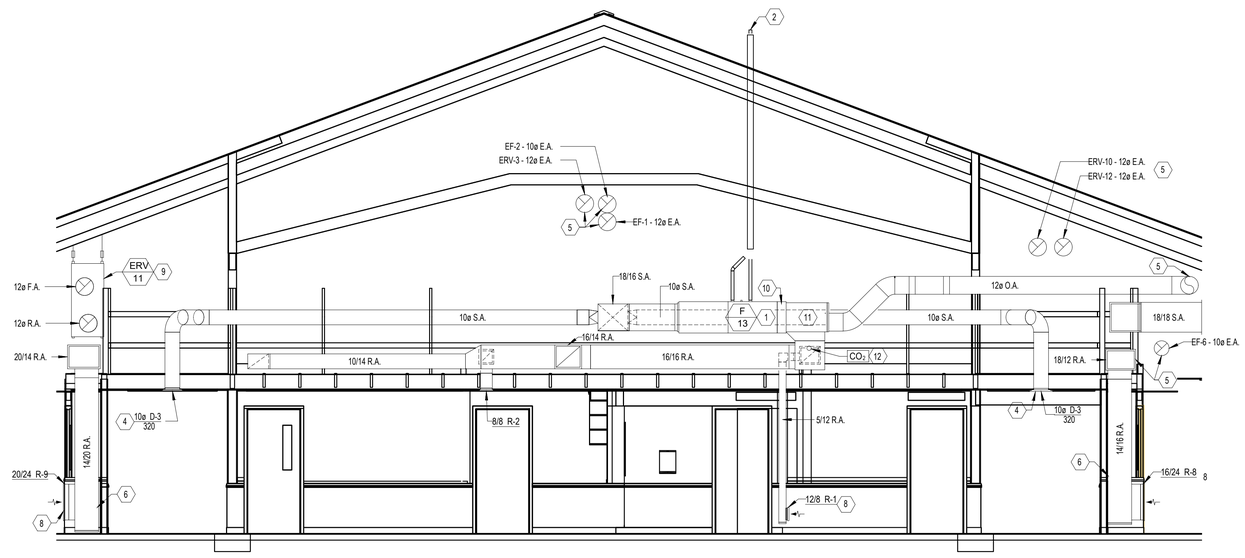
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
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Sheet Title:
MECHANICAL SECTIONS

Sheet:
M301




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




2 MECHANICAL SECTION
SCALE: 1/4" = 1'-0"

## # KEYED NOTES

1. REFER TO DETAILS A, B, AND D SHEET M503. TYPICAL.
2. 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.
3. HORIZONTAL 16"x20" RA DUCT AT BOTTOM OF CHASE. REFER TO SECTION 1 AND 2/M301.
4. INSTALL RIGID DUCT THROUGH FLOOR TO DIFFUSER. SEAL AT FLOOR PENETRATION.
5. REFER TO SHEET M102 FOR CONTINUATION.
6. REFER TO SHEET M101 FOR CONTINUATION.
7. COMPRESSOR UNIT PROVIDE MINIMUM 2'-0" CLEAR ALL AROUND. PROVIDE 30" MINIMUM CLEARANCE AT SEVICE SIDE. REFER TO SHEET M501 FOR REFRIGERANT PIPING SCHEME AND DETAILS. TYPICAL FOR ALL UNITS.
8. INSTALL ALL LOW SIDEWALL RETURN AIR GRILLES AT 8" FROM FINISH FLOOR TO BOTTOM EDGE OF GRILLE FRAME. TYPICAL.
9. ENERGY RECOVERY VENTILATOR. REFER TO DETAIL H/M502.
10. REFER TO DETAIL G/M502 FOR EXTERNAL FILTER SECTION. TYPICAL OF ALL HORIZONTAL FAN SYSTEMS.
11. MIXED AIR PLENUM AT INLET TO FAN UNIT. FULL SIZE. TYPICAL OF ALL SYSTEMS.
12. CO2 SENSOR SHOWN HERE FOR CLARITY. SENSOR SHALL BE LOCATED (AS SHOWN) IN FAN SYSTEM F-1a/F-1b LOCATED AT GRID LINE "B" NEAR ASSOCIATED RP-6 PANEL.


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Stamp:
REGISTERED PROFESSIONAL ENGINEER
No. 181366-2202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY
GRANGER 300
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WASHINGTON, UT 84780

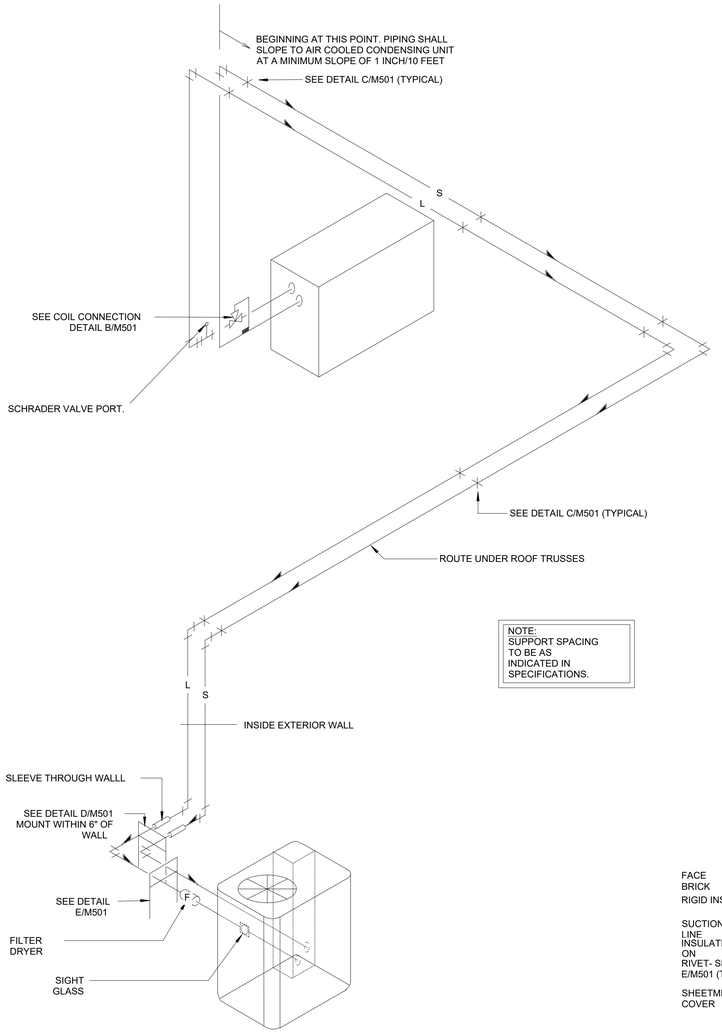
Project for:
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| Mark | Date (DAY) | Description |
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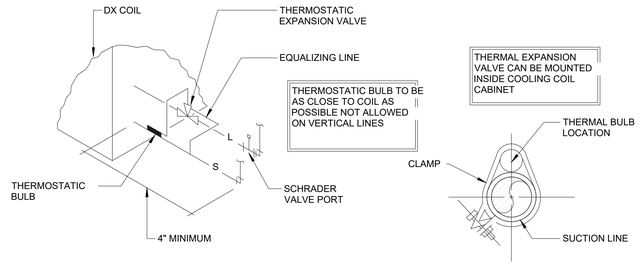
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
MECHANICAL
SECTIONS

Sheet:
M302




## A TYPICAL REFRIGERANT SCHEME
NOT TO SCALE




## B REFRIGERANT COIL CONNECTION DETAIL
NOT TO SCALE

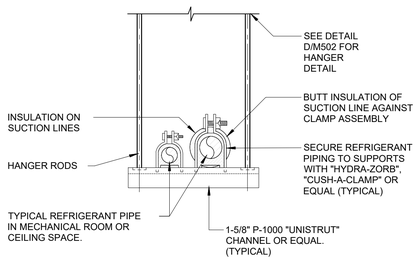
## REFRIGERANT PIPING LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | EXPANSION VALVE. SEE DETAIL B/M501 |
| | MOISTURE INDICATING SIGHT GLASS |
| | FLEXIBLE CONNECTION |
| F | FILTER DRYER |
| | PIPE SUPPORT. SEE DETAIL C.M501 |
| | EXTERIOR PIPE SUPPORT. SEE DETAIL D/M501 AND E/M601 |
| | DIRECTION OF SLOPE DOWN |
| S | SUCTION LINE |
| L | LIQUID LINE |
| | SCHRADER VALVE PORT |

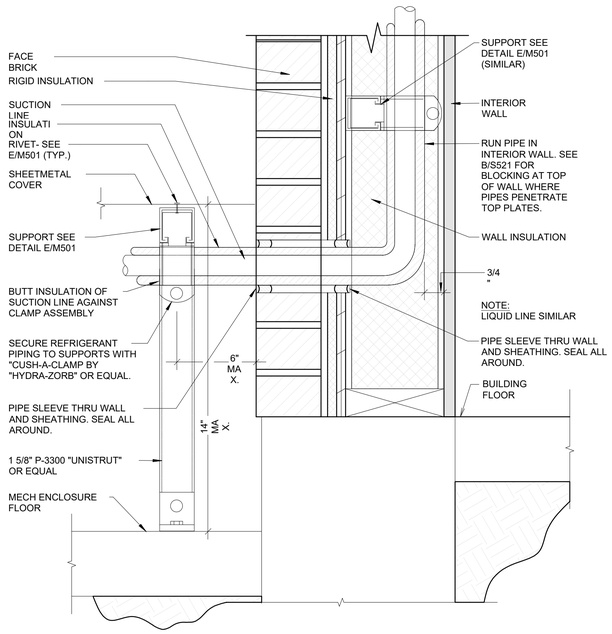
## REFRIGERANT LINE SIZES

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

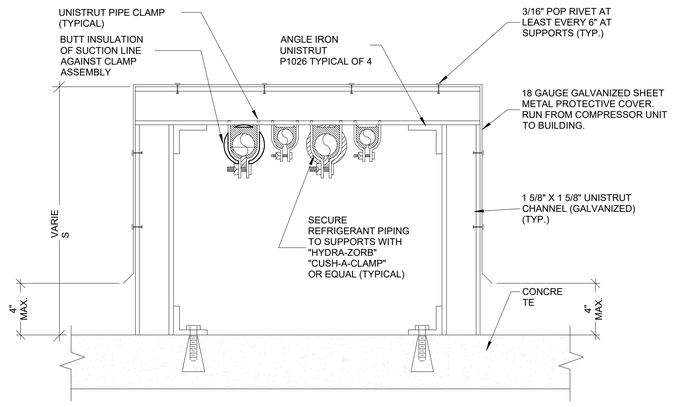
*REFER TO COMPRESSOR UNIT SCHEDULE ON SHEET M601 FOR SYSTEM SIZES.




## C SUSPENDED REFRIGERANT PIPE SUPPORT AT CEILING
NOT TO SCALE




## D REFRIGERANT PIPE SUPPORT AT WALL DETAIL
NOT TO SCALE




## E EXTERIOR REFRIGERANT PIPE SUPPORT DETAIL
NOT TO SCALE

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:
REGISTERED PROFESSIONAL ENGINEER
No. 181366-4202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

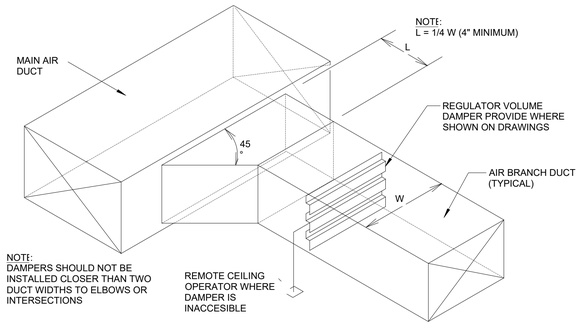
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
MECHANICAL DETAILS

Sheet:
M501




## A SUPPLY OR RETURN AIR DUCT BRANCH CONNECTION DETAIL

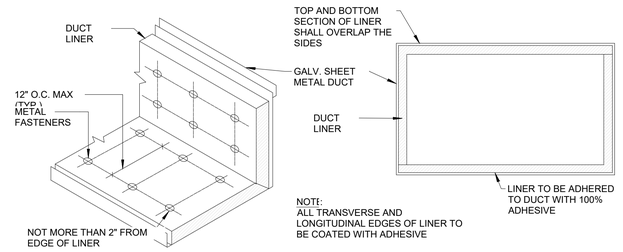
NOT TO SCALE

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

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

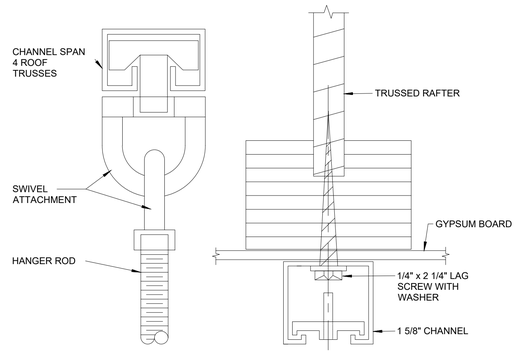
## B DUCT CONSTRUCTION DETAIL

NOT TO SCALE



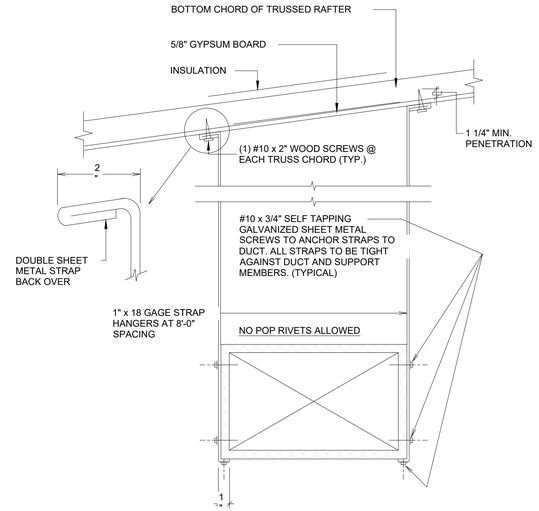

## C DUCT LINER DETAIL

NOT TO SCALE



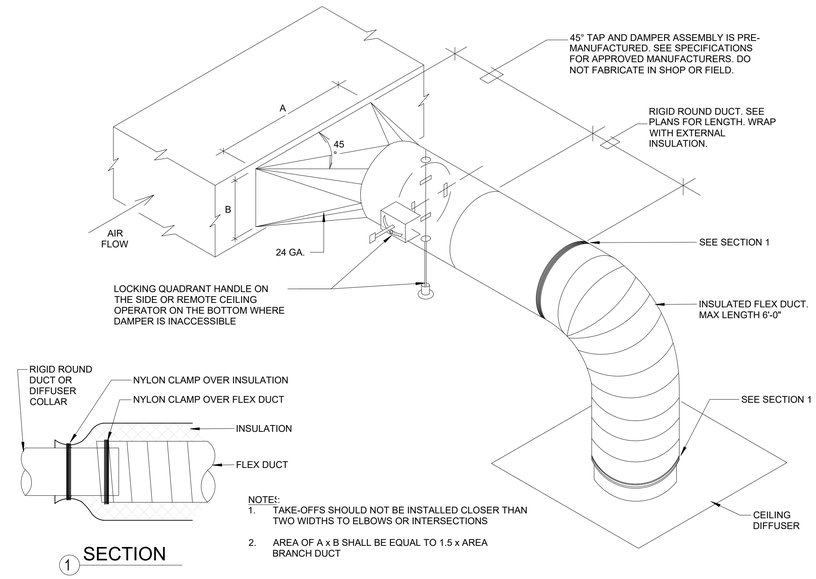

## D UPPER ATTACHMENT DETAIL

NOT TO SCALE




## E DUCT STRAP HANGER DETAIL

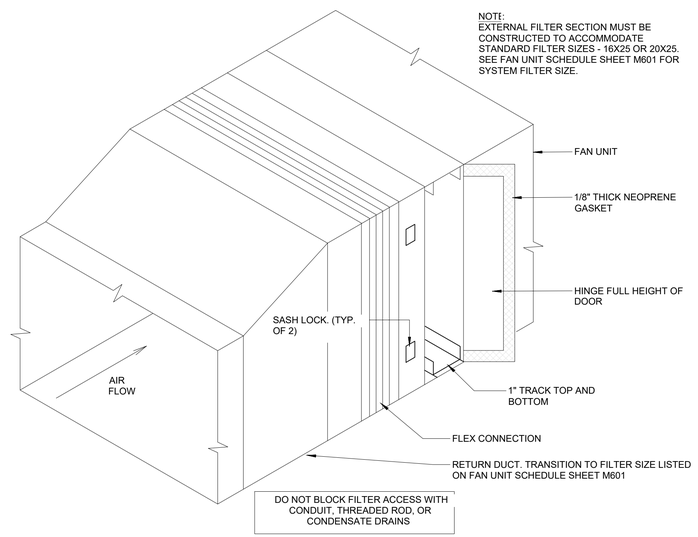
NOT TO SCALE




1 SECTION

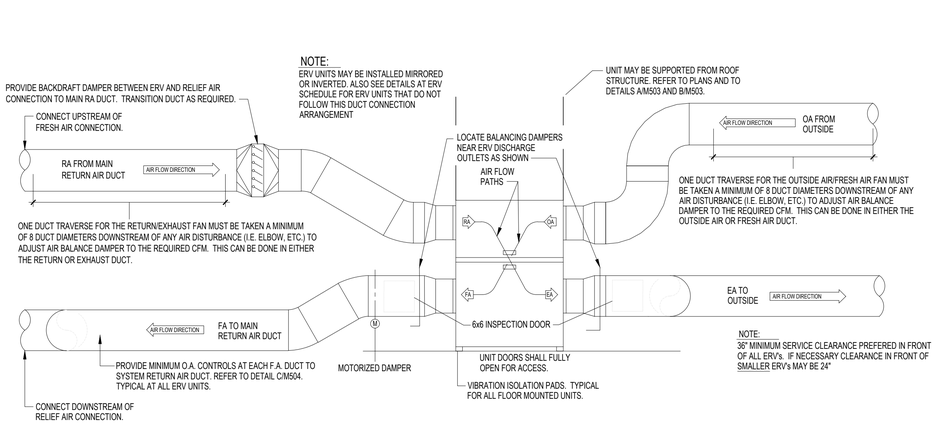
## F SQUARE TO ROUND TAKE-OFF DETAIL

NOT TO SCALE



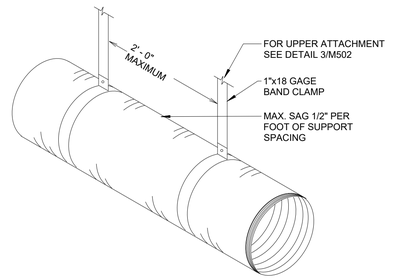

## G EXTERNAL FILTER SECTION DETAIL

NOT TO SCALE




## H TYPICAL ERV DAMPERING DETAIL

NOT TO SCALE




## J FLEXIBLE DUCT SUPPORT DETAIL

NOT TO SCALE

P.C. ARCHITECTS INC.
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(435) 673-6579

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REGISTERED PROFESSIONAL ENGINEER
No. 191366-2202
DAVID L. HANSEN
Oct 12, 2026
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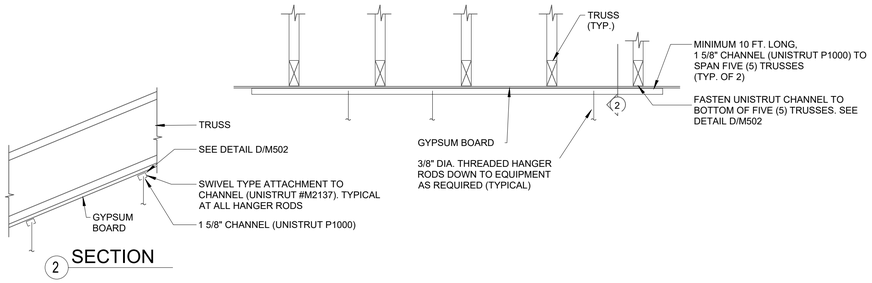
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
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Property Number:
501-8721-26010101

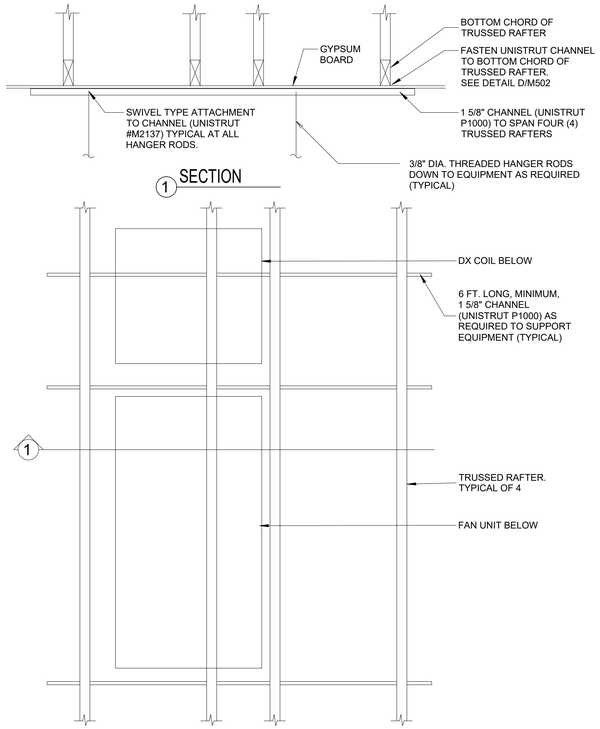
Sheet Title:
MECHANICAL DETAILS

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M502



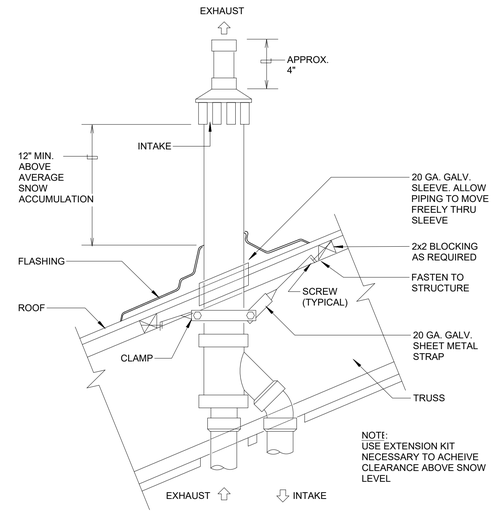

## UPPER SUPPORT DETAIL FOR TRUSSED RAFTERS PERPENDICULAR WITH FAN SYSTEM

A NOT TO SCALE



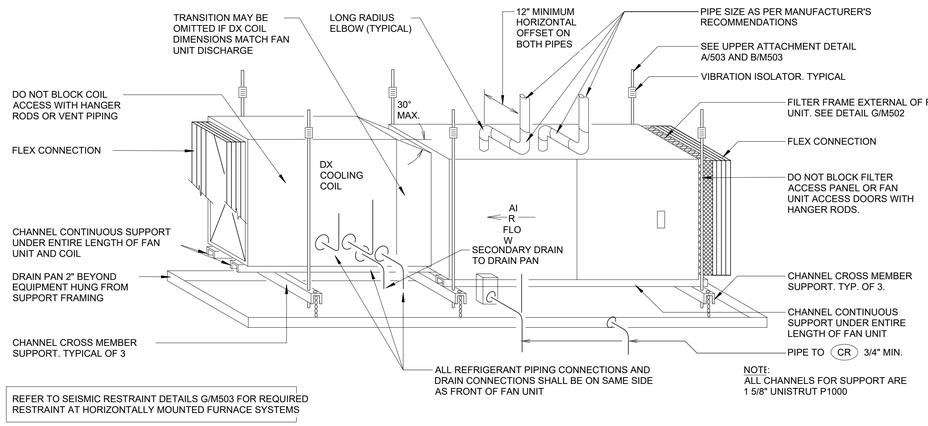

## UPPER SUPPORT DETAIL FOR TRUSSED RAFTERS PARALLEL WITH FAN SYSTEM

B NOT TO SCALE



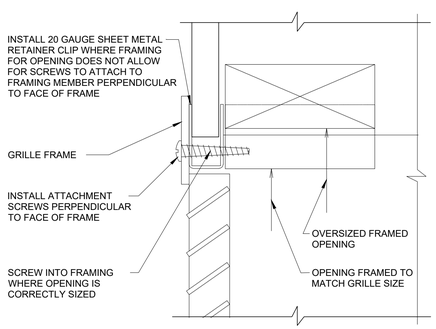

## CONCENTRIC ROOF TERMINATION DETAIL

C NOT TO SCALE



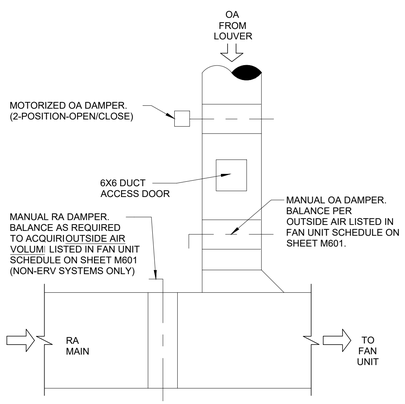

## FAN UNIT SUPPORT DETAIL

D NOT TO SCALE



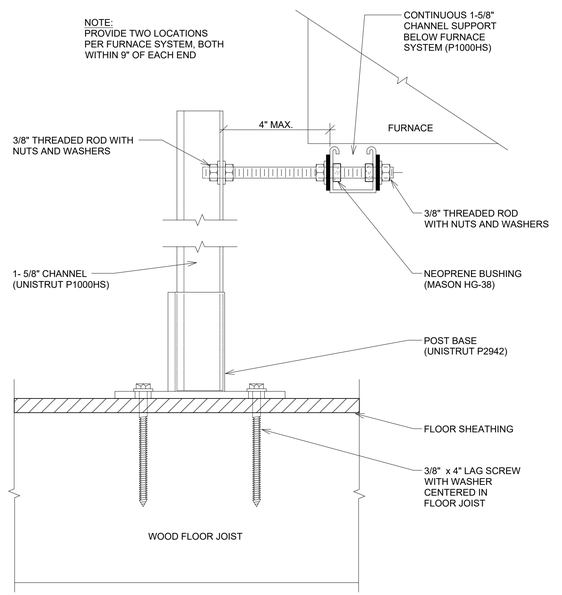

## GRILLE ATTACHMENT DETAIL

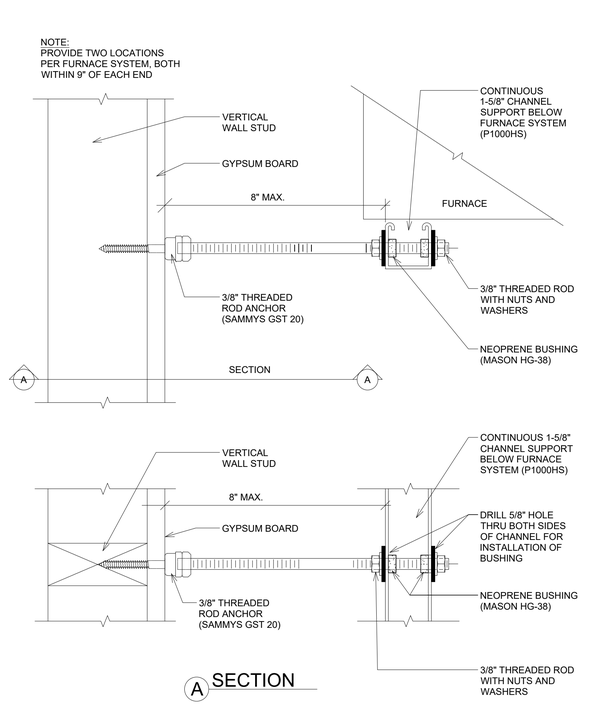
E NOT TO SCALE




## TYPICAL OUTSIDE AIR DUCT DETAIL

F NOT TO SCALE




## SECTION

A

## HORIZONTAL FURNACE SEISMIC RESTRAINT DETAIL

1 SCALE: 12" = 1'-0"

Release Date:
27-OCT-2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
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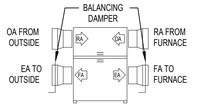
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
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| | | |

Project Number:
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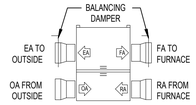
Sheet Title:
MECHANICAL DETAILS

Sheet:
M503



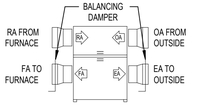

CONNECT OPPOSITE DUCTS TO LABELED CONNECTIONS

OPPOSITE ERV-UNIT: 2b AND 10



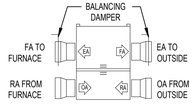

CONNECT MATCHING DUCTS TO LABELED CONNECTIONS

INVERTED ERV-UNITS: 1a AND 3




CONNECT MATCHING DUCTS TO LABELED CONNECTIONS

ERV-UNITS: 2a




CONNECT OPPOSITE DUCTS TO LABELED CONNECTIONS

INVERTED ERV-UNITS: 1c, 11 AND 12

## ENERGY RECOVERY VENTILATOR INSTALLATION DIAGRAMS

## ENERGY RECOVERY VENTILATOR SCHEDULE

| MARK | CFM | ELECTRICAL | | | | REMARKS |
|---|---|---|---|---|---|---|
| | | FLA | MCA | VOLTAGE | PHASE | |
| ERV-1a | 740 | 17.2 | 19.4 | 115 | 1 | SEE NOTES 1,2,3 |
| ERV-1c | 740 | 17.2 | 19.4 | 115 | 1 | SEE NOTES 1,2,3 |
| ERV-2a | 800 | 17.2 | 19.4 | 115 | 1 | SEE NOTES 1,2,3 |
| ERV-2b | 800 | 17.2 | 19.4 | 115 | 1 | SEE NOTES 1,2,3 |
| ERV-3 | 800 | 17.2 | 19.4 | 115 | 1 | SEE NOTES 1,2,3 |
| ERV-10 | 600 | 17.2 | 19.4 | 115 | 1 | SEE NOTES 1,2,3 |
| ERV-11 | 635 | 17.2 | 19.4 | 115 | 1 | SEE NOTES 1,2,3 |
| ERV-12 | 745 | 17.2 | 19.4 | 115 | 1 | SEE NOTES 1,2,3 |

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.

## EXHAUST FAN SCHEDULE

| MARK | LOCATION | | MINIMUM A.C.F.M. | STATIC PRESSURE IN. W.G. | WATTS | REMARKS |
|---|---|---|---|---|---|---|
| | ROOM NAME | ROOM NUMBER | | | | |
| EF-1 | WOMEN | 156 | 420 | 0.250 | 330 W | SEE NOTES 1,2,3,4 |
| EF-2 | MEN | 155 | 350 | 0.250 | 250 W | SEE NOTES 1,2,3,4 |
| EF-3 | MOTHERS' ROOM | 135 | 70 | 0.250 | 81 W | SEE NOTES 1,2,3,4 |
| EF-4 | TECH | 136 | 200 | 0.250 | 166 W | SEE NOTES 1,2,3,4,5 |
| EF-5 | FAMILY RESTROOM | 122 | 75 | 0.250 | 100 W | SEE NOTES 1,2,3,4 |
| EF-6 | SERVING AREA | 130 | 200 | 0.250 | 166 W | SEE NOTES 1,2,3,4 |
| EF-7 | MEMBER CUSTODIAL | 110 | 70 | 0.250 | 81 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 | 8 | 60 - 120 | 6x6 | 6ø | 4 WAY UNLESS NOTED ON M101 | | -- | -- | SEE NOTES 1,2,3 |
| D-2 | 8 | 125 - 240 | 9x9 | 8ø | 4 WAY UNLESS NOTED ON M101 | | -- | -- | SEE NOTES 1,2,3 |
| D-3 | 26 | 245 - 380 | 12x12 | 10ø | 4 WAY UNLESS NOTED ON M101 | | -- | -- | SEE NOTES 1,2,3 |
| D-4 | 7 | 385 - 470 | 12x12 | 12ø | 4 WAY UNLESS NOTED ON M101 | | -- | -- | SEE NOTES 1,2,3 |
| D-5 | 2 | 475 - 640 | 15x15 | 14ø | 4 WAY UNLESS NOTED ON M101 | | -- | -- | SEE NOTES 1,2,3 |
| D-6 | 14 | 675 - 900 | 21x15 | 21/15 | 3 WAY | | 35 | 33 | SEE NOTES 1,2,3 |

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

## REGISTER, LOUVER & GRILLE SCHEDULE

| MARK | QUANTITY | TYPE | SERVICE | CFM RANGE | MAX NC | NOMINAL SIZE | REMARKS |
|---|---|---|---|---|---|---|---|
| L-1 | 2 | LOUVER | EA | 1635 - 1780 | 25 | 36x24 | SEE NOTES 1,6,10,13 |
| L-2 | 2 | LOUVER | OA | 2005 - 2130 | 25 | 60x36 | SEE NOTES 1,6,9,10 |
| L-3 | 1 | LOUVER | EA | 3940 | 25 | 30x68 | SEE NOTES 1,6,10,13,14 |
| L-4 | 1 | LOUVER | ARCHITECT | N/A | 25 | 12x12 | SEE NOTES 1,6,10,11 |
| R-1 | 39 | SIDEWALL | RA | 100 - 250 | 25 | 12x8 | SEE NOTES 1,3,4,8 |
| R-2 | 6 | CEILING | RA | 50 - 220 | 25 | 8x8 | SEE NOTES 1 & 2 |
| R-3 | 1 | CEILING | RA | 225 - 350 | 25 | 10x10 | SEE NOTES 1 & 2 |
| R-4 | 3 | CEILING | RA | 355 - 520 | 25 | 12x12 | SEE NOTES 1 & 2 |
| R-5 | 5 | CEILING | RA | 525 - 850 | 25 | 16x16 | SEE NOTES 1 & 2 |
| R-6 | 4 | CEILING | TRANSFER AIR | 250 - 500 | 25 | 12x12 | SEE NOTES 1 & 2 |
| R-7 | 12 | SIDEWALL | RA | 360 | 25 | 14x10 | SEE NOTES 1,3,4,8,12 |
| R-8 | 4 | SIDEWALL | RA | 900 - 990 | 25 | 16x24 | SEE NOTES 1,3,4,8,12 |
| R-9 | 1 | SIDEWALL | RA | 1575 | 25 | 20x24 | SEE NOTES 1,3,4,8,12 |
| R-10 | 3 | SIDEWALL | RA | 1580 - 1800 | 25 | 30x24 | SEE NOTES 1,3,4,8,12 |
| S-1 | 2 | SIDEWALL | SA | 660 | 25 | 24x12 | SEE NOTES 1,4,9 |
| SG-1 | 4 | SOFFIT GRILLE | OA | 1100 - 1145 | 25 | 24x20 | SEE NOTES 1,6,10 |

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

## GAS FIRED FURNACE SCHEDULE

| MARK | MIN. REQ'D OUTPUT BTU/H | MINIMUM A.C.F.M. | MINIMUM O.A. | EXT. S.P. (IN.W.G.) | STANDARD FILTER SIZE | MOTOR | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | | MINIMUM H.P. | SPEED | |
| F-1a | 75,000 | 1575 | 368 | 0.60 | 1x20x25 | 0.5 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-1b | 75,000 | 1575 | 368 | 0.60 | 1x20x25 | 0.5 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-1c | 75,000 | 1575 | 368 | 0.60 | 1x20x25 | 0.5 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-1d | 75,000 | 1575 | 368 | 0.60 | 1x20x25 | 0.5 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-2a | 75,000 | 1800 | 800 | 0.60 | 1x20x25 | 0.75 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-2b | 75,000 | 1800 | 800 | 0.60 | 1x20x25 | 0.75 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-3 | 75,000 | 1800 | 800 | 0.60 | 1x20x25 | 0.75 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-4 | 57,000 | 1350 | 400 | 0.60 | 1x20x25 | 0.33 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-5 | 57,000 | 1125 | 250 | 0.60 | 1x16x25 | 0.33 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-6 | 57,000 | 1125 | 250 | 0.60 | 1x16x25 | 0.33 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-7 | 75,000 | 1575 | 400 | 0.60 | 1x20x25 | 0.5 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-8 | 75,000 | 1350 | 310 | 0.60 | 1x20x25 | 0.33 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-9 | 75,000 | 1575 | 470 | 0.60 | 1x20x25 | 0.5 | HIGH | SEE NOTES 1,2,5,6,7,8,9,10 |
| F-10 | 75,000/49,000 | 1575 | 600 | 0.60 | 1x20x25 | 0.75 | SEE REMARKS | SEE NOTES 1,2,3,4,5,7,8,9,10 |
| F-11 | 75,000/49,000 | 1575 | 635 | 0.60 | 1x20x25 | 0.75 | SEE REMARKS | SEE NOTES 1,2,3,4,5,7,8,9,10 |
| F-12 | 75,000/49,000 | 1800 | 745 | 0.60 | 1x20x25 | 0.75 | SEE REMARKS | SEE NOTES 1,2,3,4,5,7,8,9,10 |
| F-13 | 75,000 | 1350 | 250 | 0.60 | 1x20x25 | 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

## COMPRESSOR UNIT SCHEDULE (COOLING ONLY)

| MARK | MIN. NOMINAL SIZE (TONS) | COMPRESSOR RATED LOAD AMPS | FAN FULL LOAD AMPS | MIN. CIRCUIT AMPS | MOCP | REMARKS |
|---|---|---|---|---|---|---|
| CU-1a | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-1b | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-1c | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-1d | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-2a | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-2b | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-3 | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-4 | 3.5 | 21.2 | 1.7 | 28.1 | 45 | SEE NOTES 1,2,3,4,5,6 |
| CU-5 | 3.0 | 16.7 | 1.5 | 22.0 | 35 | SEE NOTES 1,2,3,4,5,6 |
| CU-6 | 3.0 | 16.7 | 1.5 | 22.0 | 35 | SEE NOTES 1,2,3,4,5,6 |
| CU-7 | 3.5 | 21.2 | 1.7 | 28.1 | 45 | SEE NOTES 1,2,3,4,5,6 |
| CU-8 | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-9 | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-10 | 3.5 | 21.2 | 1.7 | 28.1 | 45 | SEE NOTES 1,2,3,4,5,6 |
| CU-11 | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-12 | 4.0 | 24.2 | 1.7 | 31.9 | 50 | SEE NOTES 1,2,3,4,5,6 |
| CU-13 | 3.5 | 21.2 | 1.7 | 28.1 | 45 | SEE NOTES 1,2,3,4,5,6 |

1. REFRIGERANT = R-32 OR R454b
2. AT DESIGN CONDITIONS AND 105°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

## 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-1a | 41,750 | 41,750 | 86.9 | 63.4 | 1575/1336 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-1b | 41,750 | 41,750 | 86.9 | 63.4 | 1575/1336 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-1c | 41,750 | 41,750 | 86.9 | 63.4 | 1575/1336 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-1d | 41,750 | 41,750 | 86.9 | 63.4 | 1575/1336 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-2a | 44,800 | 44,800 | 87.1 | 63.7 | 1800/1526 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-2b | 44,800 | 44,800 | 87.1 | 63.7 | 1800/1526 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-3 | 44,800 | 44,800 | 87.1 | 63.7 | 1800/1526 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-4 | 38,300 | 38,300 | 83.3 | 61.7 | 1350/1144 | 0.23 | SEE NOTES 1,2,3,4 |
| CC-5 | 30,300 | 30,300 | 81.8 | 60.7 | 1125/954 | 0.23 | SEE NOTES 1,2,3,4 |
| CC-6 | 30,300 | 30,300 | 81.8 | 60.7 | 1125/954 | 0.23 | SEE NOTES 1,2,3,4 |
| CC-7 | 38,300 | 38,300 | 83.3 | 61.7 | 1575/1336 | 0.29 | SEE NOTES 1,2,3,4 |
| CC-8 | 39,600 | 39,600 | 86.5 | 63.2 | 1350/1144 | 0.23 | SEE NOTES 1,2,3,4 |
| CC-9 | 39,600 | 39,600 | 86.5 | 63.2 | 1575/1336 | 0.29 | SEE NOTES 1,2,3,4 |
| CC-10 | 38,300 | 38,300 | 83.3 | 61.7 | 1575/1336 | 0.23 | SEE NOTES 1,2,3,4 |
| CC-11 | 41,750 | 41,750 | 86.9 | 63.4 | 1575/1336 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-12 | 47,000 | 47,000 | 86.2 | 63.3 | 1800/1526 | 0.26 | SEE NOTES 1,2,3,4 |
| CC-13 | 38,300 | 38,300 | 83.3 | 61.7 | 1350/1144 | 0.23 | 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

## ELECTRIC WALL HEATER SCHEDULE

| MARK | SERVES | KW OUTPUT | Ø | HERTZ | VOLTS | AMPS | REMARKS |
|---|---|---|---|---|---|---|---|
| EH-1 | FIRE RISER [129] | 2.2 | 1 | 60 | 208 | 10.0 | QMARK QFG22281F W/O BUILT IN TSTAT |

| DESIGN CONDITIONS | OUTSIDE | INSIDE |
|---|---|---|
| WINTER | 20°F | 70°F |
| SUMMER | 110°F DB, 67°F WB | 75°F DB, 64°F WB |

ST. GEORGE, UTAH ELEVATION 2861 FT.

GENERAL NOTES:

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

Release Date:
27-OCT-2026

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Stamp:
REGISTERED PROFESSIONAL ENGINEER
No. 191366-2202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

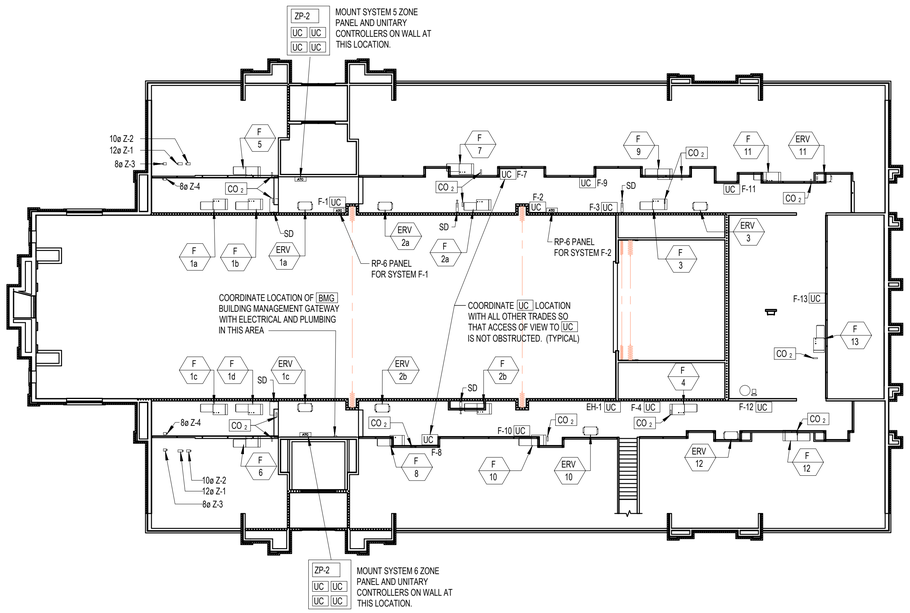
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY-YY) | Description |
|---|---|---|
| , , , , , , , , | | |
| , , , , , , , , | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

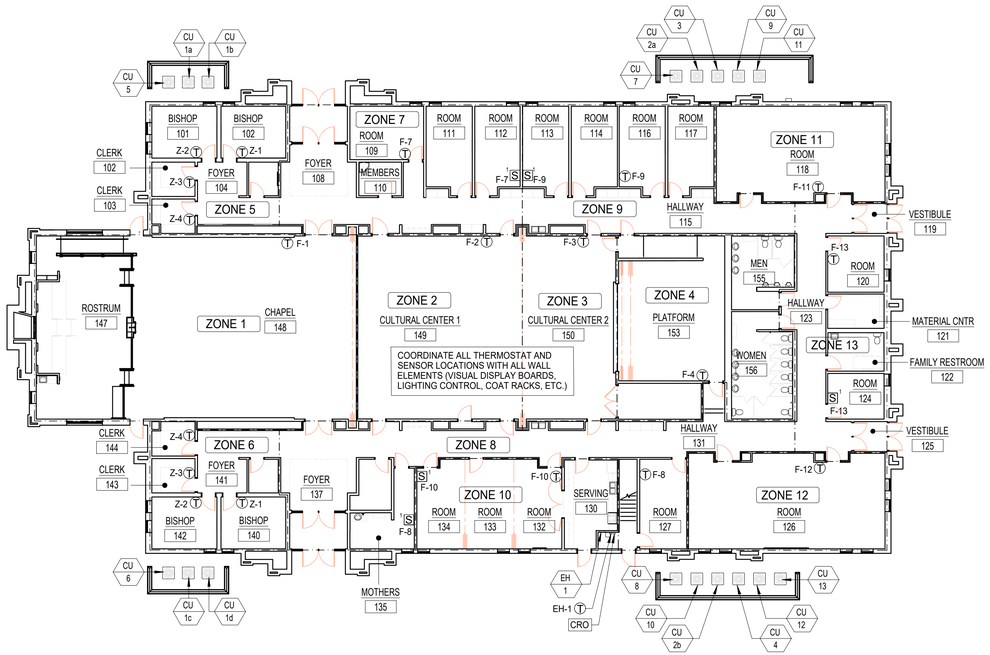
Sheet Title:
MECHANICAL SCHEDULES

Sheet:
M601



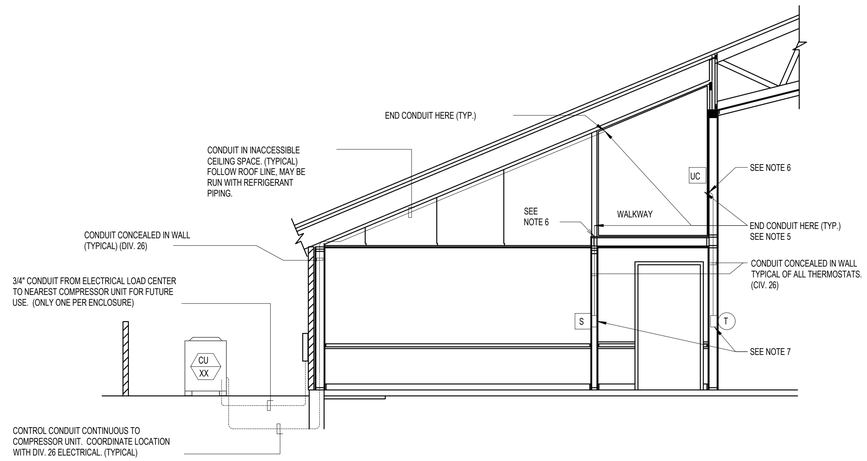

## 2 EQUIIPMENT PLATFORM AUTOMATIC TEMPERATURE CONTROL PLAN

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

NOTES :

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

Release Date:
27-OCT-2026

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REGISTERED PROFESSIONAL ENGINEER
No. 181366-4202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
AUTOMATIC TEMPERATURE CONTROL PLANS

Sheet:
ME101

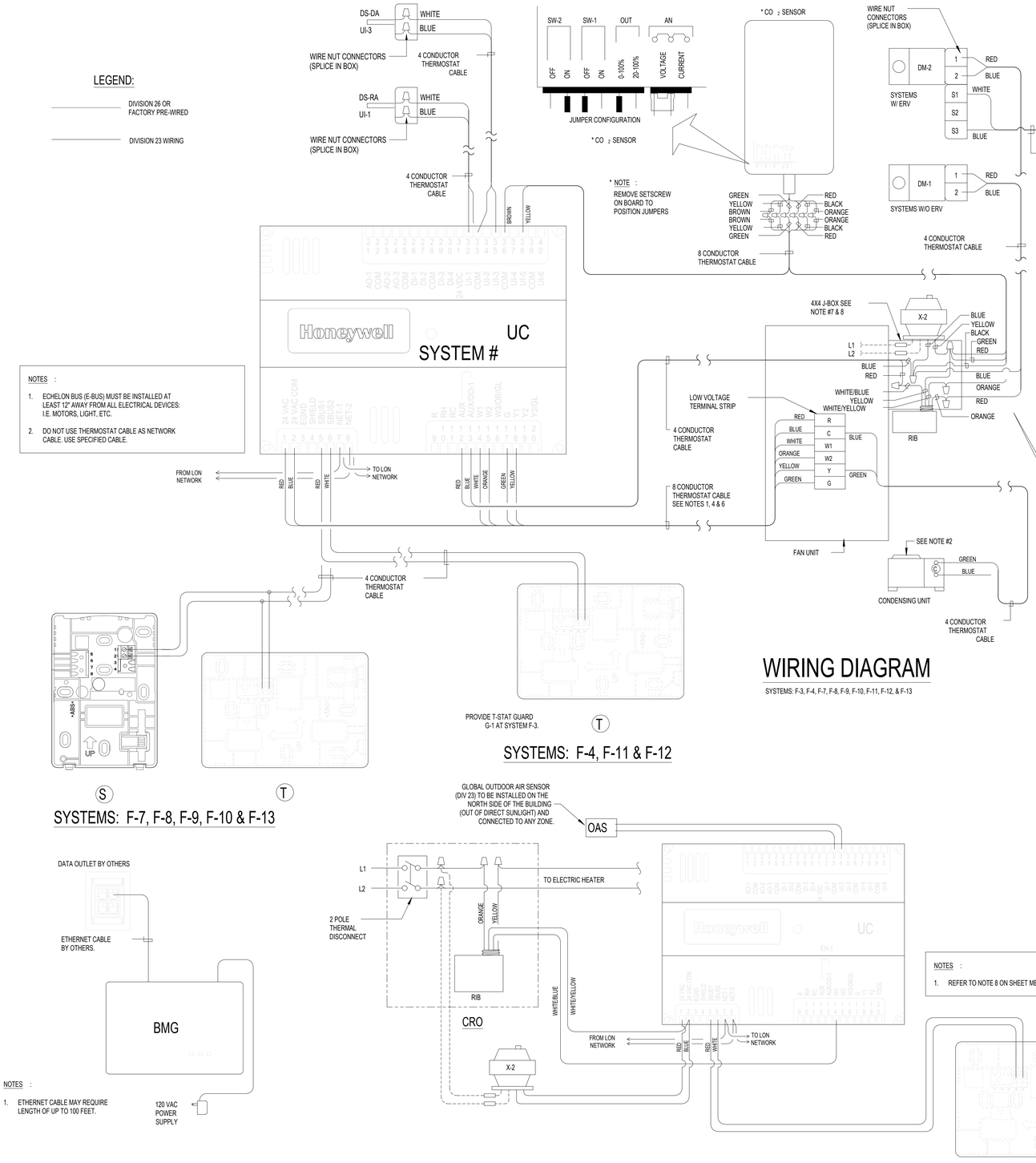
LEGEND:

DIVISION 26 OR FACTORY PRE-WIRED

DIVISION 23 WIRING

NOTES :

1. ECHELON BUS (E-BUS) MUST BE INSTALLED AT LEAST 12" AWAY FROM ALL ELECTRICAL DEVICES: I.E. MOTORS, LIGHT, ETC.
2. DO NOT USE THERMOSTAT CABLE AS NETWORK CABLE. USE SPECIFIED CABLE.




## WIRING DIAGRAM

SYSTEMS: F-3, F-4, F-7, F-8, F-9, F-10, F-11, F-12, & F-13

## SYSTEMS: F-4, F-11 & F-12




S T

## SYSTEMS: F-7, F-8, F-9, F-10 & F-13




NOTES :

1. ETHERNET CABLE MAY REQUIRE LENGTH OF UP TO 100 FEET.

## BMG WIRING DIAGRAM



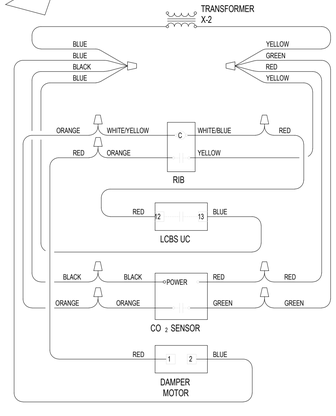

NOTES :

1. REFER TO NOTE 8 ON SHEET ME101.

## ELECTRIC HEATER WIRING DIAGRAM

T

## SYSTEM: EH-1




## WIRING SCHEMATIC, X-2

## ENERGY RECOVERY VENTILATOR WIRING

A

SYSTEMS: F-1, F-2, F-3, F-9, F-10, & F-11

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.

Release Date:
27-OCT-2026


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No. 181366-4202
DAVID L. HANSEN
Oct 12, 2026
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (DLM/YY) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title:
AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC

Sheet:
ME701

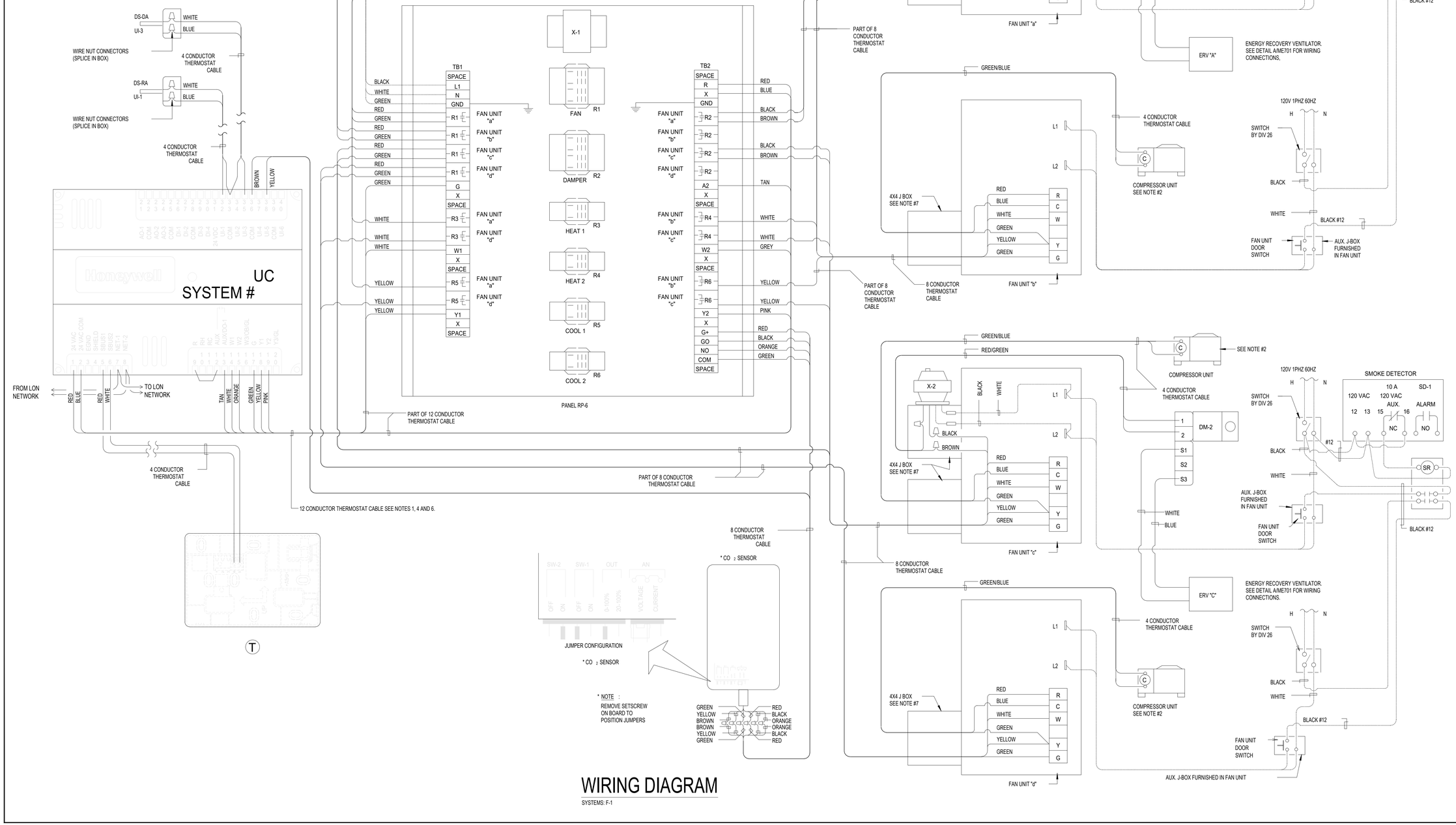
LEGEND:

DIVISION 26 OR FACTORY PRE-WIRED

DIVISION 23 WIRING

NOTES:

FOR NOTES SEE SHEET ME701




# WIRING DIAGRAM

SYSTEMS: F-1


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DAVID L. HANSEN
Oct 12, 2026
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THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (DAY) | Description |
|---|---|---|
| , | , | , |
| , | , | , |

Project Number:
PCA-2610

Plan Series:
G-300-MH-11

Property Number:
501-8721-26010101

Sheet Title:
AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC

Sheet:
ME702

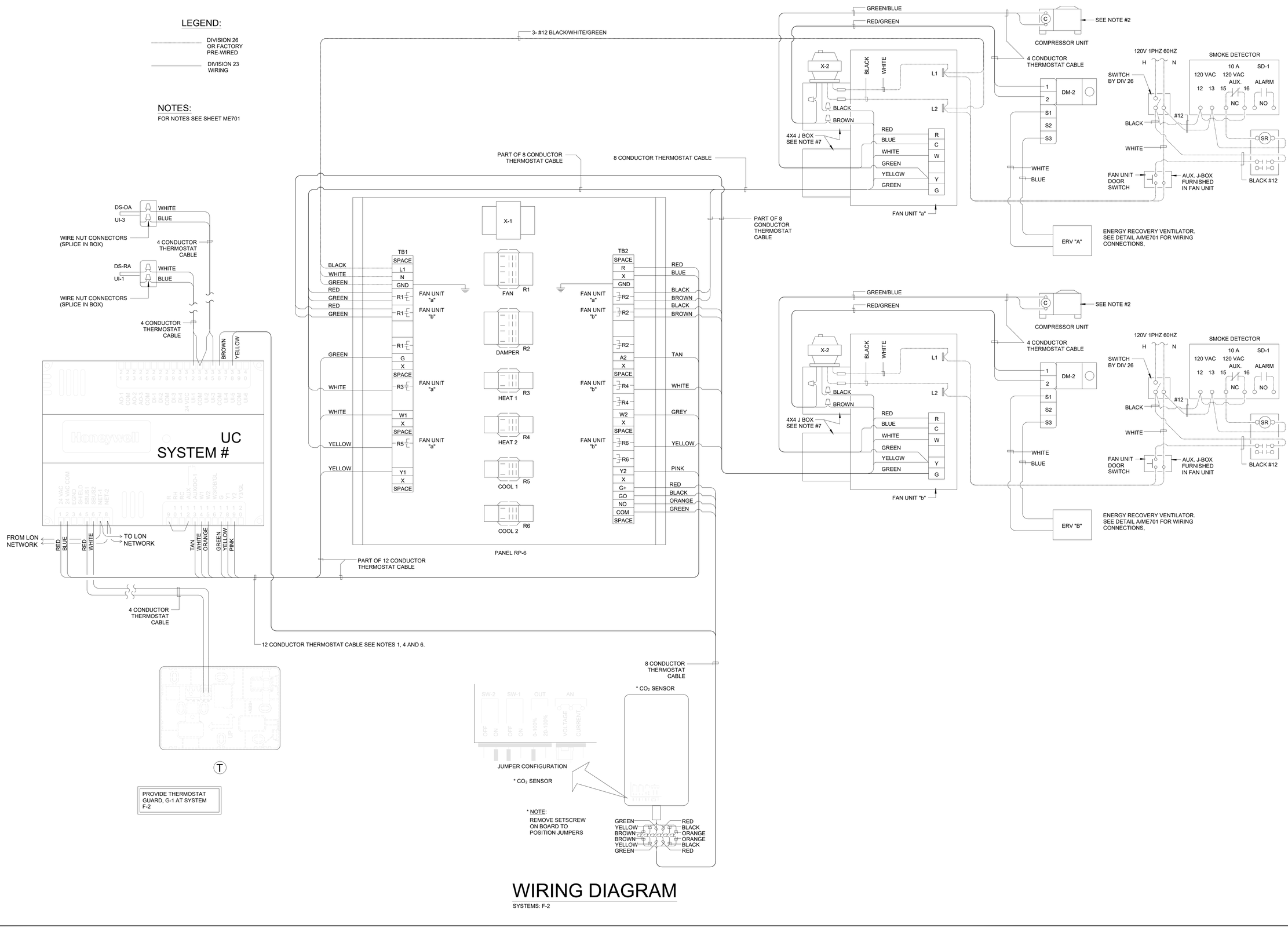
LEGEND:

DIVISION 26 OR FACTORY PRE-WIRED

DIVISION 23 WIRING

NOTES:

FOR NOTES SEE SHEET ME701



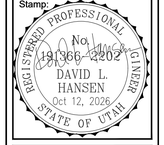

# WIRING DIAGRAM

SYSTEMS: F-2

Release Date:
27-OCT-2026


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Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

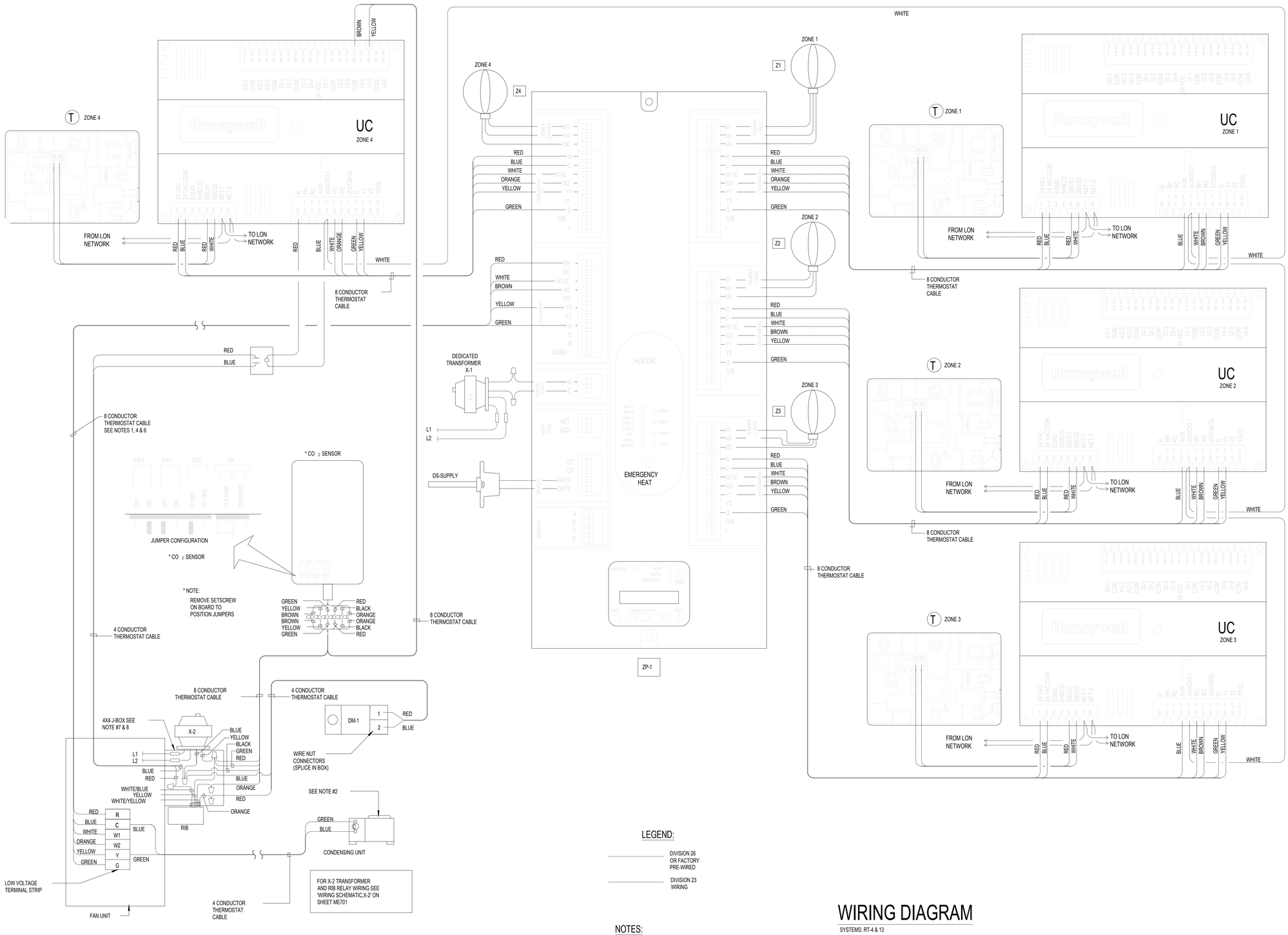
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PCA-2610

Plan Series:
G-300-MH-11

Property Number:
501-8721-26010101

Sheet Title:
AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC

Sheet:
ME703




# WIRING DIAGRAM

SYSTEMS: RT-4 & 13

NOTES:

FOR NOTES SEE SHEET ME701

Release Date:
27-OCT-2026


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Oct 12, 2026
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Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

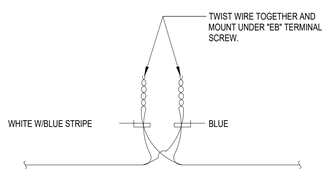
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Plan Series:
G-300-MH-11

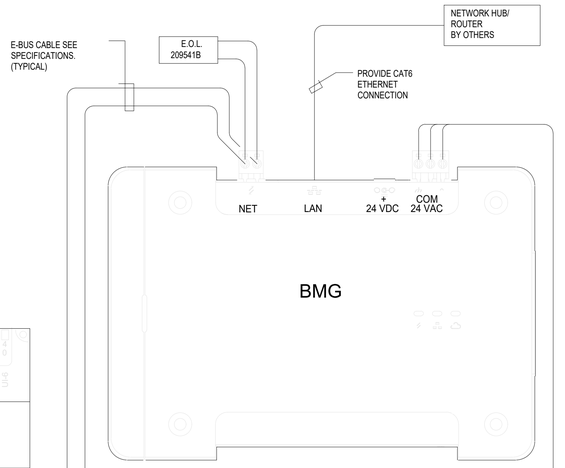
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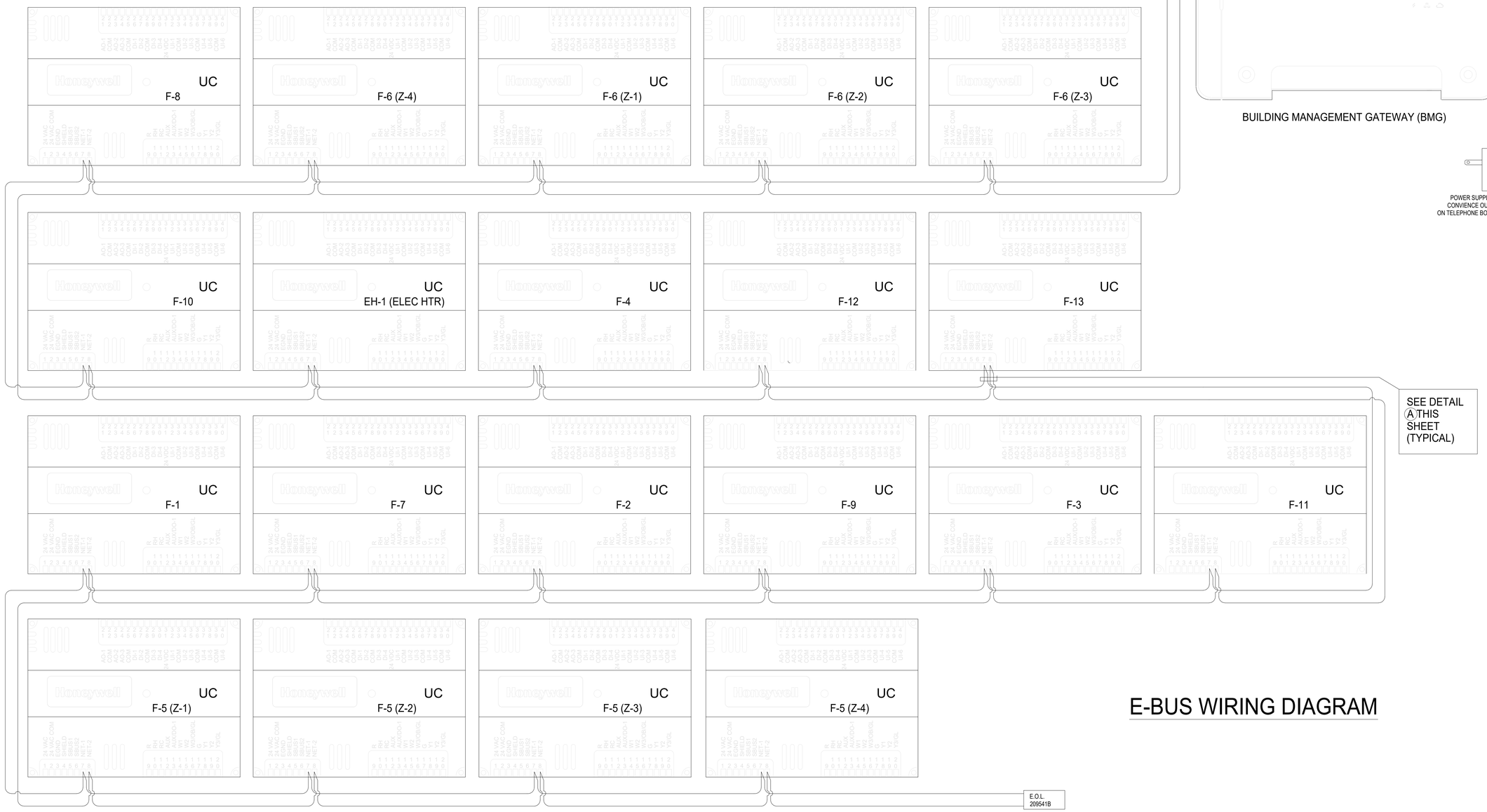
Sheet Title:
AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC

Sheet:
ME704




A E-BUS CONNECTION DETAIL
NO SCALE




# E-BUS WIRING DIAGRAM


Release Date:
27-OCT-2026

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DAVID L. HANSEN
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Project Name:
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WASHINGTON, UT 84780

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

| Mark | Date (DAY) | Description |
|---|---|---|
| - | - | - |
| - | - | - |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
AUTOMATIC TEMPERATURE CONTROL WIRING SCHEMATIC

Sheet:
ME705

## Rough-In Electrical Inspection

| Section # & Req.ID | Rough-In Electrical Inspection | Complies? | Comments/Assumptions |
|---|---|---|---|
| C405.2.1, C405.2.1.1 [EL7] | Occupancy sensors installed in classrooms/lecture/training rooms, computer rooms/data center, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, medical supply rooms, enclosed offices, laundry areas, open plan office areas, restrooms, storage rooms, telemedicine rooms, locker rooms, corridors, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.2.8.1 [EL16] | Demand responsive lighting controls capable of reducing lighting load to <=80% of full load upon receipt of a demand reponse signal. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.2.9 [EL17] | Interior parking area lighting controlled by occupancy sensors or time switch control. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.7 [EL3] | Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | **Exception:** Requirement does not apply. |
| C405.8 [EL4] | Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist). | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | **Exception:** Requirement does not apply. |
| C405.10 [EL1] | Total voltage drop across the combination of feeders and branch circuits <= 5%. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.10.1, C405.10.2 [EL5] | Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | **Exception:** Requirement does not apply. |
| C405.13 [EL2] | Buildings with gross conditioned floor area > 10,000 ft2 will be equipped with a energy monitoring system in compliance with C405.13.1 through C405.13.11. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.12, C405.12.1 [EL6] | 50% of 15/20 amp receptacles installed in enclosed offices, conference rooms, copy rooms, break rooms, classrooms and workstations and > 25% of branch circuit feeders for modular furniture will have automatic receptacle control in accordance with C405.12.1. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.2.1.2 [EL8] | Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more within 20 minutes of when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor. Lights not turned off by occupant sensors is done so by time-switch. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | **Exception:** Requirement does not apply. |
| **Section # & Req.ID** | **Rough-In Electrical Inspection** | **Complies?** | **Comments/Assumptions** |
| C405.2.1.3 [EL9] | Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) general lighting in each zone permitted to turn on upon occupancy in control zone, 3) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 4) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | **Exception:** Requirement does not apply. |
| C405.2.10, C405.2.10.1, C405.2.10.2 [EL10] | Sleeping or dwelling units provided with lighting controls | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | **Exception:** Requirement does not apply. |
| C405.2.2, C405.2.2.1 [EL11] | Each area not served by occupancy sensors (per C405.2.1.1) have time-switch controls and functions detailed in sections C405.2.2.1. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | **Exception:** Requirement does not apply. |
| C405.2.3.1 [EL12] | Spaces required to have dimming controls have a manual control that allows the occupant to reduce the connected lighting load to 10% of full power. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.2.4, C405.2.4.1, C405.2.4.2 [EL13] | Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces. C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.2.5 [EL14] | Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C405.2.7 [EL15] | Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |

## Final Inspection

| Section # & Req.ID | Final Inspection | Complies? | Comments/Assumptions |
|---|---|---|---|
| C405.5.1 [FI26] | Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | *See the Exterior Lighting fixture schedule for values* |
| C408.1.1 [FI58] | Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C408.2.5 [FI76] | Furnished as-built drawings for electric power systems within 90 days of system acceptance. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C408.3 [FI4] | Lighting systems and receptacle controls have been tested to ensure proper calibration, adjustment, programming, and operation in accordance with C408.3.1.1 through C408.3.1.6. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | **Location on plans/spec:** EXEMPT UTAH AMENDMENTS |
| C408.3.2.2 [FI77] | Furnished O&M instructions for systems and equipment to the building owner or designated representative. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |

# Exterior Lighting Compliance Certificate

## Project Information

Energy Code: 2024 IECC
Project Title: LONG VALLEY - GRANGER 300
Location: Abbeville, Alabama
Climate Zone: 2a
Project Type: New Construction
Exterior Lighting Zone: Neighborhood business district (LZ2)

**Construction Site:**

**Owner/Agent:**

**Designer/Contractor:**
KYLE BREINHOLT
BREINHOLT POWER ENGINEERING, PLLC
805 S 1430 W
LEHI , Utah 84043
801-367-5180
KYLE@BREINHOLTENG.COM

## Allowed Exterior Lighting Power

| A Area/Surface Category | B Quantity | C Allowed Watts / ft2 | D Tradable Wattage | E Allowed Watts (B X C) |
|---|---|---|---|---|
| Ext Area (Pedestrian and vehicular entrances and exits) | 18 ft of door width | 9.80 | No | 176.4 |
| PARKING (Parking area) | 80000 ft2 | 0.03 | No | 2400.0 |
| Total Tradable Watts (a): | | | | 2256.4 |
| Base Site Allowance (b): | | | | 280 |
| Total Allowed Watts: | | | | 2536.4 |

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A base site allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

## Proposed Exterior Lighting Power

| A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | B # of Fixture | C Fixture Watt. | D (B X C) |
|---|---|---|---|
| Ext Area (Pedestrian and vehicular entrances and exits, 18 ft of door width): Tradeable Wattage | | | |
| F11: F11: LED: | 8 | 27 | 216 |
| F20: F20: LED: | 9 | 50 | 450 |
| F21: F21: LED: | 4 | 27 | 108 |
| PARKING (Parking area, 80000 ft2): Tradeable Wattage | | | |
| Total Tradable Watts: | | | 774 |
| Total Tradable Proposed Watts: | | | 774 |

## Proposed Exterior Lighting Controls

| Fixture | Lighting Control |
|---|---|
| Ext Area (Pedestrian and vehicular entrances and exits, 18 ft of door width) | |
| F11: F11: LED: | Daylight Shutoff, Lighting Setback |
| F20: F20: LED: | Daylight Shutoff, Lighting Setback |
| F21: F21: LED: | Daylight Shutoff, Lighting Setback |
| PARKING (Parking area, 80000 ft2) | |

**Exterior Lighting PASSES: Design 69% better than code**

## Exterior Lighting 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 exterior lighting systems have been designed to meet the 2024 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

KYLE BREINHOLT -EE — 23 OCT 2026

**Name - Title** **Signature** **Date**

# Inspection Checklist

Energy Code: 2024 IECC

Requirements: 86% 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.

## Plan Review

| Section # & Req.ID | Plan Review | Complies? | Comments/Assumptions |
|---|---|---|---|
| C105.2 [PR3] | Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |
| C105.2 [PR4] | Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices. | ☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable | |

**Additional Comments/Assumptions:**

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





# Interior Lighting Compliance Certificate

## Project Information

Energy Code: 2024 IECC
Project Title: LONG VALLEY - GRANGER 300
Location: Abbeville, Alabama
Climate Zone: 2a
Project Type: New Construction

**Construction Site:**

**Owner/Agent:**

**Designer/Contractor:**
KYLE BREINHOLT
BREINHOLT POWER ENGINEERING, PLLC
805 S 1430 W
LEHI , Utah 84043
801-367-5180
KYLE@BREINHOLTENG.COM

## Allowed Interior Lighting Power

| A Area Category | B Floor Area (ft2) | C Allowed Watts / ft2 | D Allowed Watts |
|---|---|---|---|
| 1-Space (Religious Buildings:Fellowship hall in a religious building) | 22284 | 0.5 | 11142 |
| **Total Allowed Watts:** | | | **14707** |

## Proposed Interior Lighting Power

| A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | B # of Fixture | C Fixture Watt. | D (B X C) |
|---|---|---|---|
| 1-Space (Religious Buildings:Fellowship hall in a religious building) | | | |
| F1: F1: LED: | 76 | 40 | 3040 |
| F2: F2: LED: | 15 | 65 | 975 |
| F3: F3: LED: | 3 | 26 | 78 |
| F4: F4: LED: | 5 | 45 | 225 |
| F5: F5: LED: | 20 | 50 | 1000 |
| F6: F6: LED: | 4 | 10 | 40 |
| F7: F7: LED: | 4 | 20 | 80 |
| F8: F8: LED: | 25 | 28 | 700 |
| F10: F10: LED: | 12 | 13 | 156 |
| F11B: F11B: LED: | 10 | 27 | 270 |
| F12: F12: LED: | 2 | 136 | 272 |
| F13: F13: LED: | 8 | 156 | 1248 |
| F14: F14: LED: | 6 | 20 | 120 |
| F17: F17: LED: | 2 | 20 | 40 |
| F22: F22: LED: | 45 | 25 | 1125 |
| F23: F23: LED: | 16 | 45 | 720 |
| F25: F25: LED: | 2 | 13 | 26 |
| F26: F26: LED: | 2 | 40 | 80 |



| A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | B # of Fixture | C Fixture Watt. | D (B X C) |
|---|---|---|---|
| **Total Proposed Watts:** | | | **10195** |

## Proposed Interior Lighting Controls

| Fixture | Lighting Control |
|---|---|
| 1-Space (Religious Buildings:Fellowship hall in a religious building) | |
| F1: F1: LED: | Occupancy Sensor |
| F2: F2: LED: | Occupancy Sensor |
| F3: F3: LED: | Occupancy Sensor |
| F4: F4: LED: | Occupancy Sensor |
| F5: F5: LED: | Occupancy Sensor |
| F6: F6: LED: | Occupancy Sensor |
| F7: F7: LED: | Occupancy Sensor |
| F8: F8: LED: | Occupancy Sensor |
| F10: F10: LED: | Occupancy Sensor |
| F11B: F11B: LED: | Occupancy Sensor |
| F12: F12: LED: | Occupancy Sensor |
| F13: F13: LED: | Occupancy Sensor |
| F14: F14: LED: | Occupancy Sensor |
| F17: F17: LED: | Occupancy Sensor |
| F22: F22: LED: | Occupancy Sensor |
| F23: F23: LED: | Occupancy Sensor |
| F25: F25: LED: | Occupancy Sensor |
| F26: F26: LED: | Occupancy Sensor |

**Interior Lighting PASSES: Design 31% better than code**

## Interior Lighting Compliance Statement

*Compliance Statement:* The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2024 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

KYLE BREINHOLT - EE — 23 OCT 2026

**Name - Title** **Signature** **Date**



## Sheet List Table



| SHEET NUMBER | SHEET TITLE |
|---|---|
| E010 | ELECTRICAL COVER SHEET & ENERGY COMPLIANCE CERTIFICATE |
| ES101 | SITE ELECTRICAL PLAN |
| E101 | MAIN LEVEL LIGHTING PLAN |
| E111 | MAIN LEVEL POWER PLAN |
| E112 | EQUIPMENT PLATFORM ELECTRICAL PLAN |
| E501 | ELECTRICAL DETAILS |
| E601 | SCHEDULES & SYMBOLS |
| E602 | PANEL SCHEDULES |
| E603 | LOAD CENTER SCHEDULES |
| E604 | LIGHT FIXTURE SCHEDULE |
| E605 | POWER SIGNLE LINE DIAGRAM |
| E606 | LIGHTING CONTROL WIRING DIAGRAMS |
| E607 | UTILITY LOAD CALCULATIONS |
| FA101 | FIRE ALARM PLAN & RISER DIAGRAM |



# COMcheck•Web™

## Compliance Certificate

## Project Information

Energy Code: 2024 IECC
Project Title: LONG VALLEY - GRANGER 300
Location: Abbeville, Alabama
Climate Zone: 2a
Project Type: New Construction
Project No: 190180
Project Sub Type: New Building/Complete
All Electric: false
Is Renewable: false
Has Battery: false
Has Charger: false
Has Heat Pump false

**Construction Site:**

**Owner/Agent:**

**Designer/Contractor:**
KYLE BREINHOLT
BREINHOLT POWER ENGINEERING, PLLC
805 S 1430 W
LEHI, Utah 84043
801-367-5180
KYLE@BREINHOLTENG.COM

**Notes:**

## Energy Credits

| Description | Credit |
|---|---|
| L06 Reduced lighting power | 32.0 |

**Credits: 32.0 Required 32.0 Proposed**

## Renewable energy

| | |
|---|---|
| Number of Floors: | 1 |
| Area of Three Largest Floors: | 0 |
| Proposed Capacity: | 0 |
| Required Capacity: | 0 |
| Proposed Off-site Energy: | 0 |
| Required Off-site Energy: | 0 |
| Exception: | None |

**Renewables Pass**

## Building Area



| Description | Floor Area |
|---|---|
| 1-Religious Building (Religious Building) : Nonresidential | 22284 |

Release Date:
31 OCTOBER 2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:

REGISTERED PROFESSIONAL ENGINEER
9657308-2202
KYLE BREINHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

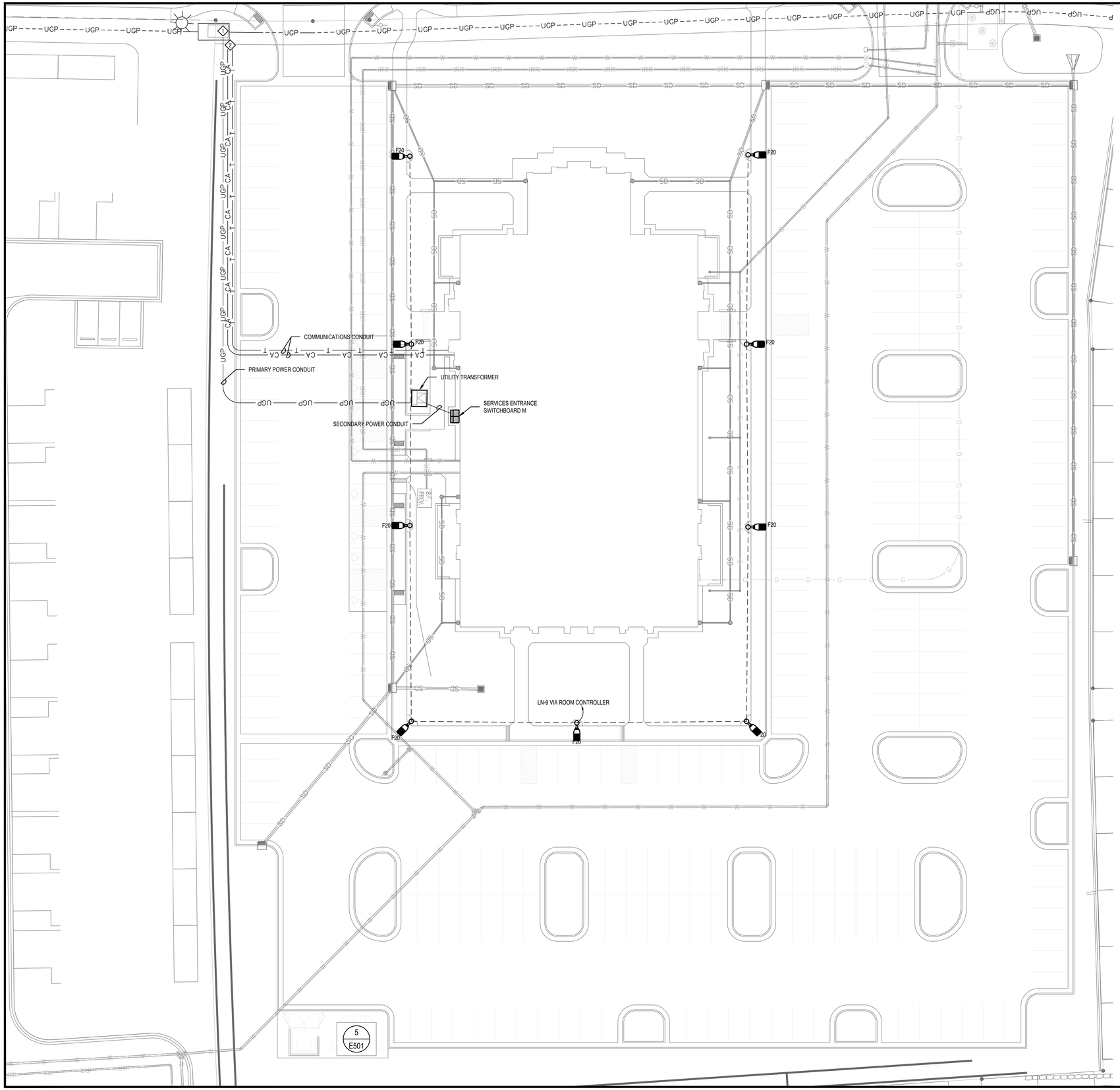
BREINHOLT
POWER ENGINEERING, PLLC
805 S 1430 W, LEHI UT 84043
801-367-5180 WEB: BREINHOLTENG.COM

| Mark | Date (DMY) | Description |
|---|---|---|
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |

Project Number:
PCA-
Plan Series:
G-300-MH-11
Property Number:
501-0000-0000

Sheet Title:
ELECTRICAL COVER SHEET & ENERGY COMPLIANCE CERTIFICATE

Sheet:
E010




1 SITE ELECTRICAL PLAN
SCALE: 1" = 20'-0"

0 10' 20' 40'

N

## NOTES:

1. TO LOCATION AS DIRECTED BY DIXIE POWER. PROVIDE CONDUIT AND TRENCHING TO LOCATION SHOWN. PROVIDE BID LINE ITEM FOR PER LINEAR FOOT COST TO EXTEND CONDUIT AND TRENCHING TO LOCATION DETERMINED BY OWNER AND UTILITY NEGOTIATED CONTRACT.
2. TO COMMUNICATIONS UTILITY AS CONTRACTED BY OWNER. PROVIDE BID LINE ITEM FOR PER LINEAR FOOT COST FOR CONDUIT AND TRENCHING BEYOND LOCATION SHOWN.

Release Date:
31 OCTOBER 2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:
REGISTERED PROFESSIONAL ENGINEER
9657309-2202
KYLE L BREINHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

BREINHOLT
POWER ENGINEERING, PLLC
866.513.3171 4530 WEST 2700 SOUTH
ROOSEVELT, UTAH 84066 PHONE 435.823.3043

| Mark | Date (YY-MM-DD) | Description |
|---|---|---|
| | | |
| | | |
| | | |

Project Number:
PCA-

Plan Series:
G-300-MH-11

Property Number:
501-0000-0000

Sheet Title:
SITE
ELECTRICAL
PLAN

Sheet:
ES101

# NOTES

1. SEE EXTERIOR LIGHTING CONTROL DIAGRAM SHEET E603.
2. 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.
3. FIXTURE SHALL OPERATE CONTINUOUSLY (NOT SWITCHED).
4. MOUNT WALL SCONCE AT 7'-6" AFF TO TOP OF FIXTURE.
5. FOR RECESSED LIGHTING IN HALLWAYS AND RESTROOMS, DO NOT CUT JOISTS. ROTATE FIXTURES IF REQUIRED.
6. PROVIDE WIRE GUARD.
7. FIXTURE INDICATED IS IN THE DAYLIGHT ZONE. SEE SEQUENCE OF OPERATION FOR REQUIREMENTS OR DAYLIGHT RESPONSE EXEMPTION.
8. PROVIDE A 90 MINUTE REMOTE EMERGENCY LIGHTING UNIT FOR THIS FIXTURE. SEE EQUIPMENT PLATFORM LAYOUT FOR REMOTE EMERGENCY LIGHTING UNIT LOCATION.
9. PROVIDE MOMENTARY SWITCH TO CONTROL LIGHTING TIED TO OCCUPANCY SENSOR. WIRE TO OCCUPANCY SENSOR OR POWER PACK (DEPENDING ON MANUFACTURER).
10. SEE DETAIL 3/E501 FOR SWITCH LABELING.
11. SEE DETAIL 2/E501 FOR SWITCH LABELING.
12. PROVIDE ROOM CONTROLLERS WITH ZONES AS REQUIRED; FIELD LOCATE AS DIRECTED BY OWNER, LIKELY ON EQUIPMENT PLATFORM. TIE HIGH-BAY OCCUPANCY SENSORS INTO ROOM CONTROLLER. MULTI-BUTTON SWITCHES SHALL CONTROL ZONES SHOWN ON E501.
21. SEE ME SHEETS FOR ELECTRICAL WORK FOR CONTROLS.
22. EXACT LOCATION OF LIGHT FIXTURES SHALL BE AS SHOWN ON REFLECTED CEILING PLAN SHEET A151.
23. DO NOT INSTALL CEILING MOUNTED OCCUPANCY SENSORS WITHIN 6 FEET OF ANY MECHANICAL DIFFUSER.
24. LOWER CASE LETTERS ON OR NEAR FIXTURES INDICATE CONTROLLING SWITCHES. SWITCH LEGS NOT ALWAYS SHOWN.
25. SEE SHEET E601 FOR ELECTRICAL SYMBOLS LEGEND.

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


P.C. ARCHITECTS INC.
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P.O. Box 217
St. George, UT 84771
(435) 673-6579


Release Date:
31 OCTOBER 2026

Stamp:
REGISTERED PROFESSIONAL ENGINEER
8657309-2202
KYLE J. BRENHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

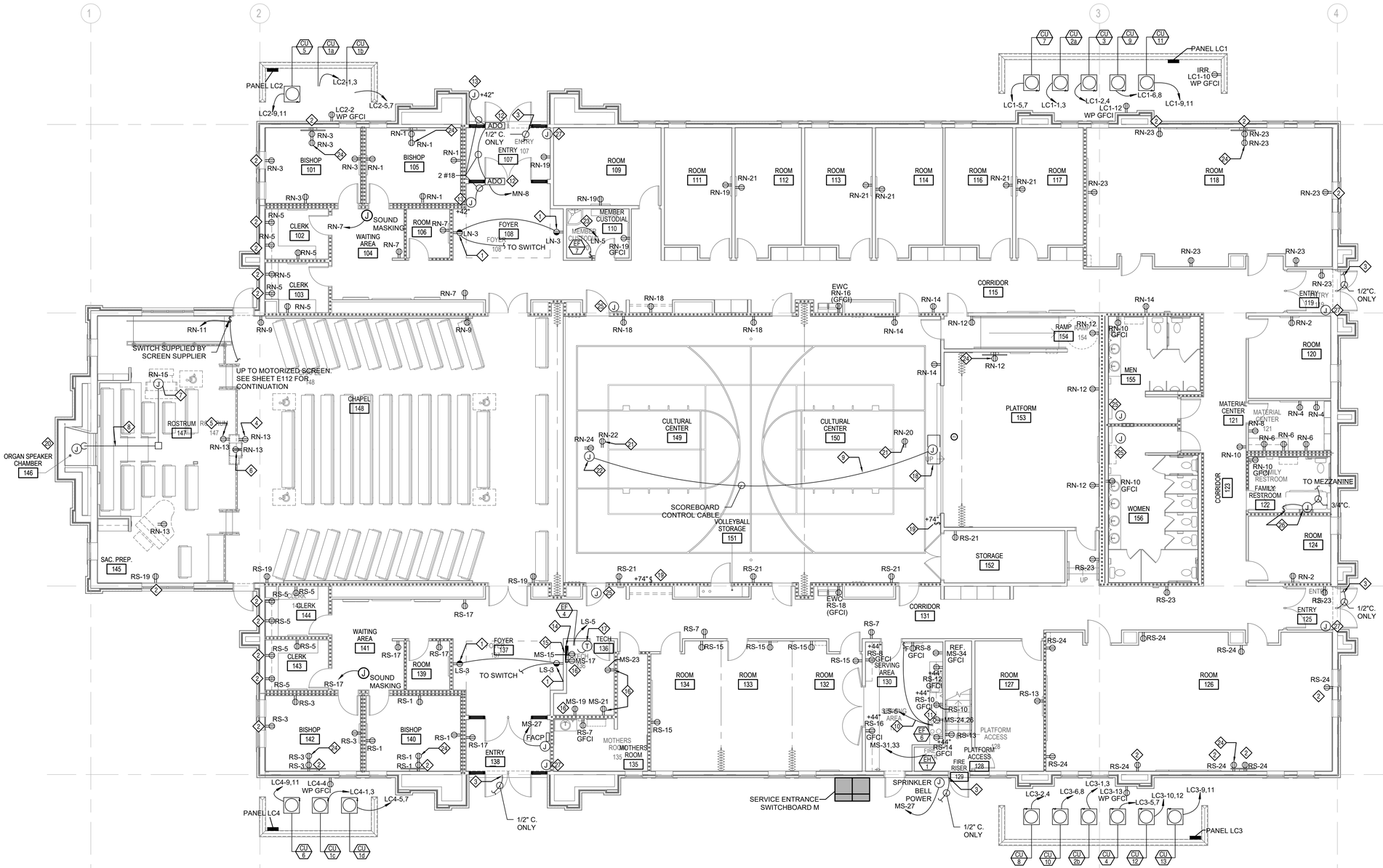
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| Mark | Date (D-M-Y) | Description |
|---|---|---|
| - | - | - |
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Project Number: PCA-
Plan Series: G-300-MH-11
Property Number: 501-0000-0000

Sheet Title: MAIN LEVEL LIGHTING PLAN

Sheet: E101




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

# NOTES

1. SPLIT WIRE SO UPPER HALF OF RECEPTACLE IS CONTROLLED BY LIGHT SWITCH AND LOWER HALF IN UNSWITCHED ON SAME CIRCUIT.
2. PROVIDE OUTLETS IN EXTERIOR WALLS WITH AIR TIGHT J-BOXES. SEAL AROUND ALL PENETRATIONS TO KEEP THE BOX AIR TIGHT.
3. STUB CONDUIT INTO DOOR HEAD FRAME FOR INSTALLATION OF ACCESS CONTROL SYSTEM WIRING. RUN CONDUIT TO ACCESSIBLE LOCATION IN UPPER MECHANICAL SPACE AND TERMINATE IN BOX LABELED 'ACCESS CONTROL'.
4. LOCATE BOX SO DUPLEX RECEPTACLE CAN BE MOUNTED HORIZONTALLY IN HARDWOOD BASE.
5. REFER TO ARCHITECTURAL DETAILS FOR MOUNTING OF DUPLEX RECEPTACLE AND DATA OUTLET ON SIDE OF PULPIT.
6. SEE ARCHITECTURAL DETAILS FOR MOUNTING LOCATION OF RECEPTACLE IN PULPIT.
7. COORDINATE WITH ARCHITECTS DRAWING MOUNT RECEPTACLE ON THE VERTICAL WALL OF THE RECESSED ORGAN BOX.
8. (2) 1" CONDUITS FROM JUNCTION BOX TO UPPER SHELF IN ORGAN SPEAKER CHAMBER.
9. CABLE SHALL BE COPPER, INSULATED, TWISTED PAIR, STRANDED, 22 GAUGE, SHIELDED, ONE RED CONDUCTOR, ONE BLACK CONDUCTOR, WITH OUTSIDE JACKET.
10. CONTROL EXHAUST FAN WITH MANUAL TIMER SWITCH.
11. LOCATE OUTLET SO RANGE WILL SIT TIGHT AGAINST WALL.
12. AUTOMATIC DOOR OPERATOR (ADO) FURNISHED BY OTHERS. COORDINATE CONDUIT AND CONDUCTOR LENGTHS AND ROUTING FOR COMPLETE, CONCEALED INSTALLATION.
13. PROVIDE A 4" SQUARE 2-18" DEEP BOX FOR AUTOMATIC DOOR ACTIVATING SWITCH FURNISHED BY OTHERS. LEAVE EXTRA CONDUCTOR LENGTH FOR CONNECTION.
14. SEPARATE DEDICATED #6 GROUND. COORDINATE WITH TELECOMMUNICATIONS GROUND BUS BAR.
15. INSTALL DUPLEX RECEPTACLE AT TELEPHONE BOARD AT 48" AFF. REFER TO A/V DRAWINGS.
16. COORDINATE LOCATION OF DEVICES WITH DIVISION 27 PRIOR TO ROUGH-IN.
17. LINE VOLTAGE THERMOSTAT PROVIDED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
18. DEVICES MOUNTED IN STAIR RISER. CENTER JUNCTION BOX & OUTLET BETWEEN DOORS.
19. CONTROL SWITCH PROVIDED BY BASKETBALL STANDARD MANUFACTURER.
20. PROVIDE STEEPLE LIGHTNING PROTECTION. SEE SPECIFICATIONS AND SHEET E501 DETAIL.
21. LOCATE OUTLET WITHIN FOUR FEET OF MOTOR FOR BASKETBALL STANDARD. MAKE RECEPTACLE CONNECTIONS FOR BASKETBALL STANDARD PER MANUFACTURER REQUIREMENTS.
22. LOCATE SCORE BOARD CONTROL CABLE BOX NEXT TO DUPLEX RECEPTACLE.
23. CONTROL EXHAUST FAN WITH PROGRAMMABLE TIMER SWITCH.
24. OUTLET MOUNTED IN AV JUNCTION BOX FOR TV MONITOR. COORDINATE LOCATION WITH AV INSTALLER.
25. PROVIDE 4" SQUARE BOX WITH SINGLE GANG MUD RING WITH ½" ENT CONDUIT, WITH PULL ROPE, TO THE EQUIPMENT PLATFORM (OVER WALKWAY) FOR USE WITH RECIRCULATION PUMP OCCUPANCY SENSOR.
26. PROVIDE CONNECTIONS FOR FUTURE ADJUSTABLE HEIGHT CHANGING STATION. PROVIDE COVER PLATES FOR SWITCH AND JUNCTION BOX.
27. WALL MOUNTED NONMETALLIC JUNCTION BOX FOR USE WITH ACCESS CONTROL. COORDINATE LOCATION WITH ACCESS CONTROL CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE 3/4" CONDUIT WITH PULL ROPE FROM JUNCTION BOX TO EQUIPMENT PLATFORM. LABEL AS 'ACCESS CONTROL'.
30. SEE ME AND ET SHEETS FOR REQUIRED RACEWAY AND BOXES FOR TEMPERATURE CONTROL, TELEPHONE, DATA, SOUND, VIDEO, SATELLITE AND TV SYSTEMS.

Release Date:
31 OCTOBER 2026

P.C. ARCHITECTS INC.
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(435) 673-6579

Stamp:
REGISTERED PROFESSIONAL ENGINEER
9657309-2202
KYLE J. BREINHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

BRENHOLT

| Mark | Date | Description |
|---|---|---|
| | | |
| | | |

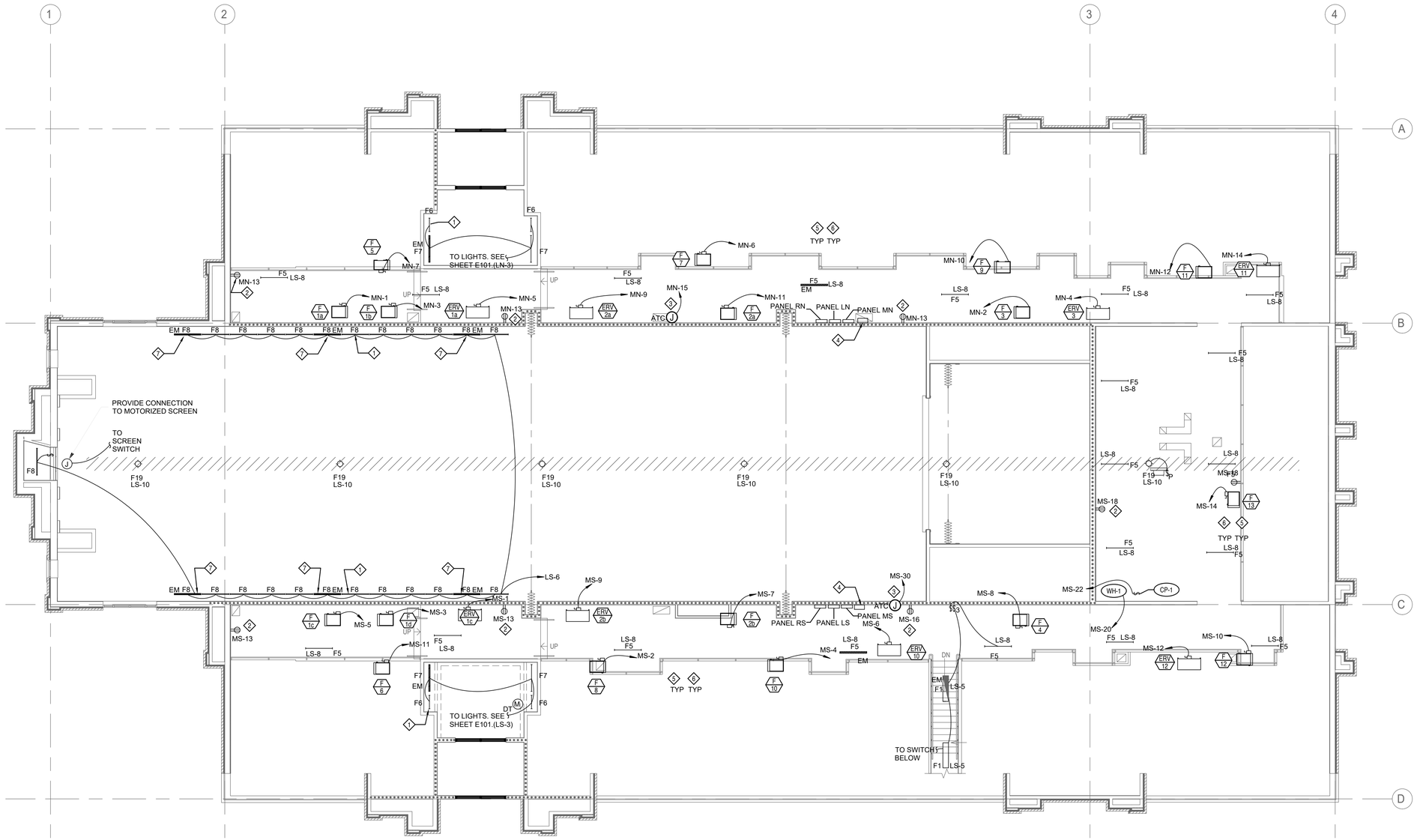
Project Number:
PCA-
Plan Series:
G-300-MH-11
Property Number:
501-0000-0000

Sheet Title:
MAIN LEVEL POWER PLAN

Sheet:
E111

# KEYED NOTES

1. SEE ARCHITECTURAL DETAILS FOR MOUNTING OF COVE LIGHT FIXTURES.
2. COORDINATE OUTLET LOCATION NOT TO BE OBSTRUCTED BY EQUIPMENT INSTALLED BY OTHER TRADES.
3. SEE ME AND ET SHEETS FOR REQUIRED RACEWAY AND BOXES FOR TEMPERATURE CONTROL, TELEPHONE, DATA, SOUND, VIDEO, SATELLITE, AND TV SYSTEMS.
4. PROVIDE DUAL-LITE LG-250-S-I OR EQUAL. CIRCUIT LS-9 & LN-9 SHALL PASS THROUGH THIS INVERTER THEN SPLIT TO FEED EXTERIOR LIGHTING (WITH FIXTURES NOTED "TO INVERTER" TO BE FED FROM INVERTER THROUGH THE RELAY PANEL AND FIXTURES NOTED "TO RELAY PANEL" TO BE FED FROM THE RELAY PANEL AND NOT THE INVERTER.
5. VERIFY MECHANICAL EQUIPMENT AND LOCATIONS WITH MECHANICAL DRAWINGS.
6. REFER TO PANEL SCHEDULES FOR MECHANICAL EQUIPMENT FEEDER INFORMATION.
7. PROVIDE A 90 MINUTE EMERGENCY BATTERY FOR FIXTURE INDICATED. FIELD LOCATE REMOTE EMERGENCY LIGHTING UNIT(S). FINAL LOCATION APPROVED BY OWNER.




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

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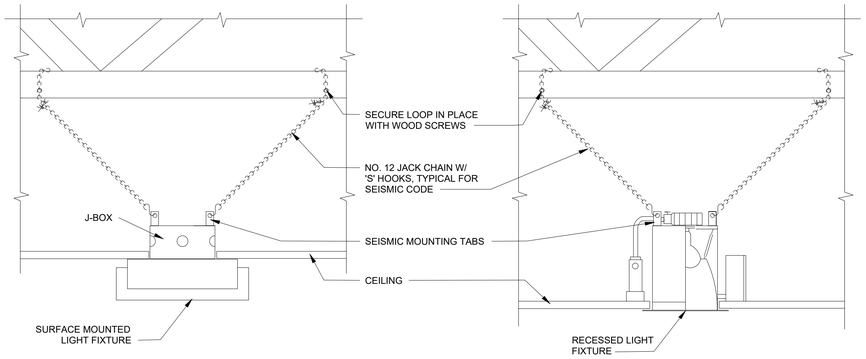
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| Mark | Date (DAY) | Description |
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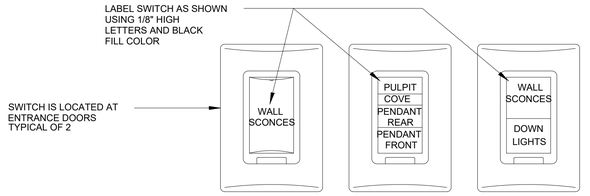
Project Number:
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Plan Series:
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Property Number:
501-0000-0000

Sheet Title:
EQUIPMENT PLATFORM ELECTRICAL PLAN

Sheet:
E112



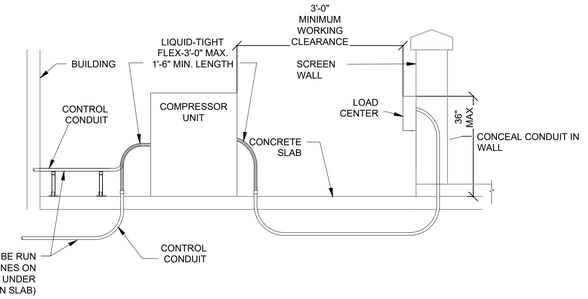

## 1 LIGHT FIXTURE SEISMIC BRACING
NOT TO SCALE




## 2 CHAPEL LIGHT SWITCH COVER PLATE DETAIL
NOT TO SCALE



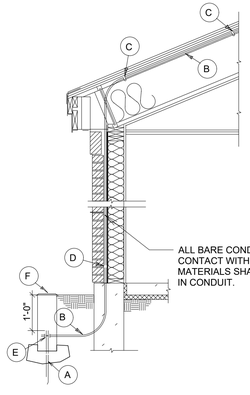

## 3 CULTURAL HALL LIGHT SWITCH COVER PLATE DETAIL
NOT TO SCALE




## 4 COMPRESSOR UNIT CONDUIT DETAIL
NOT TO SCALE

### NOTES

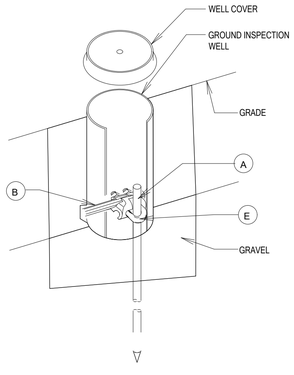
1. SEE SHEETS A206 AND A207 FOR REQUIRED LIGHTNING PROTECTION SYSTEM. COORDINATE CONNECTION TO THE STEEPLE WITH THE GENERAL CONTRACTOR AND STEEPLE SUPPLIER. MAKE ALL REQUIRED CONNECTIONS FOR A COMPLETE LIGHTING PROTECTION SYSTEM.
2. SUPPORT LIGHTNING CABLES EVERY THREE FEET ALONG ENTIRE RUN USING SPECIFIED FASTENERS.
3. BOND METAL BODIES INTO SYSTEM AS REQUIRED.
4. FURNISH AND INSTALL SURGE PROTECTION DEVICE (SPD) FOR MAIN ELECTRICAL PANEL. REFER TO SPECIFICATIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CONNECTION REQUIREMENTS TO THE STEEPLE WITH THE GENERAL CONTRACTOR AND STEEPLE SUPPLIER. ELECTRICAL CONTRACTOR SHALL BE ON SITE WHEN THE STEEPLE IS INSTALLED AND MAKE ALL REQUIRED CONNECTIONS TO THE LIGHTNING PROTECTION SYSTEM.
6. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
7. REFER TO THE SPECIFICATIONS FOR FITTING REQUIREMENTS.



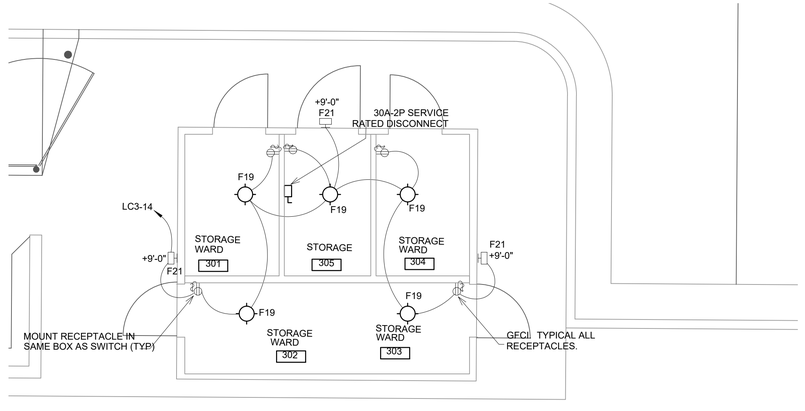

### LEGEND

- A GROUND ROD
- B SMOOTH TWIST COPPER CABLE
- C COPPER LOOP FASTENER
- D LARGE BRONZE CLAMP
- E PERPENDICULAR GROUND ROD AND CABLE CLAMP
- F GROUND INSPECTION WELL

## P CABLE INSTALLATION DETAIL
SCALE: 1/2" = 1'-0"




## R GROUND INSPECTION WELL
NOT TO SCALE




## 5 STORAGE BUILDING ELECTRICAL PLAN
1/4" = 1'-0"

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BRENHOLT

| Mark | Date (D.M.Y) | Description |
|---|---|---|
| . | . | . |
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Project Number:
PCA-
Plan Series:
G-300-MH-11
Property Number:
501-0000-0000

Sheet Title:
ELECTRICAL DETAILS

Sheet:
E501

# EQUIPMENT SCHEDULE

| SYMBOL | DESCRIPTION | SERVICE | | DISCONNECT | | STARTER | LOAD | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | VOLTS | PHASE | SIZE | MOCP | | HP/TON | VA | AMPS | |
| CU 1x | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 50 | INTEGRAL | 4 TON | 6,635 | 31.9 A | TYPICAL OF CU-1a THROUGH 1d. |
| CU 2x | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 50 | INTEGRAL | 4 TON | 6,635 | 31.9 A | TYPICAL OF CU-2a AND 2b. |
| CU 3 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 50 | INTEGRAL | 4 TON | 6,635 | 31.9 A | |
| CU 4 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 45 | INTEGRAL | 3½ TON | 5,845 | 28.1 A | |
| CU 5 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 35 | INTEGRAL | 3 TON | 4,576 | 22.0 A | |
| CU 6 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 35 | INTEGRAL | 3 TON | 4,576 | 22.0 A | |
| CU 7 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 45 | INTEGRAL | 3½ TON | 5,845 | 28.1 A | |
| CU 8 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 50 | INTEGRAL | 4 TON | 6,635 | 31.9 A | |
| CU 9 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 50 | INTEGRAL | 4 TON | 6,635 | 31.9 A | |
| CU 10 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 45 | INTEGRAL | 3½ TON | 5,845 | 28.1 A | |
| CU 11 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 50 | INTEGRAL | 4 TON | 6,635 | 31.9 A | |
| CU 12 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 50 | INTEGRAL | 4 TON | 6,635 | 31.9 A | |
| CU 13 | AIR COOLED CONDENSING UNIT | 208 V | 1Ø | CIRCUIT BREAKER | 45 | INTEGRAL | 3½ TON | 5,845 | 28.1 A | |
| EF 1 | EXHAUST FAN | 120 V | 1Ø | INTEGRAL PLUG | - | - | - | 330 | 2.8 A | EF CONTROLLED WITH LIGHTING. WOMEN RR |
| EF 2 | EXHAUST FAN | 120 V | 1Ø | INTEGRAL PLUG | - | - | - | 250 | 2.1 A | EF CONTROLLED WITH LIGHTING. MEN RR |
| EF 3 | EXHAUST FAN | 120 V | 1Ø | INTEGRAL PLUG | - | - | - | 81 | 0.7 A | EF CONTROLLED WITH LIGHTING. MOTHERS' ROOM |
| EF 4 | EXHAUST FAN | 120 V | 1Ø | INTEGRAL PLUG | - | - | - | 166 | 1.4 A | EF THERMOSTATICALLY CONTROLLED. TECH |
| EF 5 | EXHAUST FAN | 120 V | 1Ø | INTEGRAL PLUG | - | - | - | 100 | 0.8 A | EF CONTROLLED WITH LIGHTING. FAMILY RR |
| EF 6 | EXHAUST FAN | 120 V | 1Ø | INTEGRAL PLUG | - | - | - | 166 | 1.4 A | EF CONTROLLED BY 0-30 MINUTE SELECTABLE DURATION TIME SWITCH. SERVING AREA. |
| EF 7 | EXHAUST FAN | 120 V | 1Ø | INTEGRAL PLUG | - | - | - | 81 | 0.7 A | EF CONTROLLED BY 24 HOUR TIMER SET TO OPERATE FAN 15 MIN EVERY DAY. MEMBER CUSTODIAL |
| ERV 1x | ENERGY RECOVERY VENTILATOR | 120 V | 1Ø | 30A NEMA 1 | 25 | - | - | 2,328 | 19.4 A | TYPICAL OF ERV-1a AND ERV-1c. |
| ERV 2x | ENERGY RECOVERY VENTILATOR | 120 V | 1Ø | 30A NEMA 1 | 25 | - | - | 2,328 | 19.4 A | TYPICAL OF ERV-2a AND ERV-2b. |
| ERV 3 | ENERGY RECOVERY VENTILATOR | 120 V | 1Ø | 30A NEMA 1 | 25 | - | - | 2,328 | 19.4 A | |
| ERV 10 | ENERGY RECOVERY VENTILATOR | 120 V | 1Ø | 30A NEMA 1 | 25 | - | - | 2,328 | 19.4 A | |
| ERV 11 | ENERGY RECOVERY VENTILATOR | 120 V | 1Ø | 30A NEMA 1 | 25 | - | - | 2,328 | 19.4 A | |
| ERV 12 | ENERGY RECOVERY VENTILATOR | 120 V | 1Ø | 30A NEMA 1 | 25 | - | - | 2,328 | 19.4 A | |
| EH 1 | ELECTRIC WALL HEATER | 208 V | 1Ø | T-STAT | - | - | - | 2,200 | 10.6 A | |
| F 1x | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 20 | INTEGRAL | ½ HP | 1,176 | 9.8 A | TYPICAL OF F-1a THROUGH 1d. NOTE F. |
| F 2x | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 25 | INTEGRAL | ¾ HP | 1,656 | 13.8 A | TYPICAL OF F-2a AND 2b. NOTE F. |
| F 3 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 25 | INTEGRAL | ¾ HP | 1,656 | 13.8 A | |
| F 4 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 15 | INTEGRAL | ½ HP | 864 | 7.2 A | |
| F 5 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 15 | INTEGRAL | ½ HP | 864 | 7.2 A | |
| F 6 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 15 | INTEGRAL | ½ HP | 864 | 7.2 A | |
| F 7 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 20 | INTEGRAL | ½ HP | 1,176 | 9.8 A | |
| F 8 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 15 | INTEGRAL | ½ HP | 864 | 7.2 A | |
| F 9 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 20 | INTEGRAL | ½ HP | 1,176 | 9.8 A | |
| F 10 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 25 | INTEGRAL | ¾ HP | 1,656 | 13.8 A | |
| F 11 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 25 | INTEGRAL | ¾ HP | 1,656 | 13.8 A | |
| F 12 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 25 | INTEGRAL | ¾ HP | 1,656 | 13.8 A | |
| F 13 | FURNACE FAN | 120 V | 1Ø | MANUAL STARTER | 15 | INTEGRAL | ½ HP | 864 | 7.2 A | |
| CP-1 | RECIRCULATION PUMP | 120 V | 1Ø | PLUG/ CORD | - | - | FRAC | 216 | 1.8 A | CONTROLLED BY MOTION SENSORS. SEE SCHEDULE ON PLUMBING SHEETS FOR ADDITIONAL INFORMATION. |
| WH-1 | WATER HEATER | 120 V | 1Ø | PLUG/ CORD | - | - | - | 180 | 1.5 A | CONTROL POWER FOR GAS FIRED WATER HEATER. |

NOTES:

A. VERIFY ALL EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS (i.e. VOLTAGE, PHASE, FLA, ETC.) WITH MECHANICAL DRAWINGS/SUBMITTALS BEFORE FOR ACTUAL EQUIPMENT INSTALLED.

B. ALL FUSES SHALL BE DUAL ELEMENT TIME DELAY. FINAL BREAKER/FUSE & DISCONNECT SIZE SHALL BE DETERMINED BY MANUFACTURER'S RECOMMENDATION FOR ACTUAL EQUIPMENT INSTALLED.

C. MAXIMUM VALUES INDICATED.

D. DISCONNECTING MEANS NOT REQUIRED FOR EQUIPMENT WITHIN SIGHT (AS DEFINED IN NEC) OF BRANCH PANEL SERVING EQUIPMENT. SEE NEC 422.31 (B).

E. DISCONNECTING MEANS NOT REQUIRED FOR APPLIANCES NOT OVER 300 VA. SEE NEC 422.31 (A).

F. PROVIDE DUCT SMOKE DETECTOR. CONNECT DETECTOR TO FAN SHUT DOWN CONTROL AND FIRE ALARM CONTROL PANEL FOR MONITORING.

# Electrical Device Schedule

| Description | Manufacturer | Model |
|---|---|---|
| | | |
| 20 A Tamper-proof Duplex receptacle | Cooper | TR5362W |
| 20 A Wall Switch | Cooper | CSB320 |
| 20A GFCI Protected Receptacle | Hubbell | GFR8300H |
| 20A Tamper-proof Duplex Receptacle | Cooper | TR5362W |
| Automatic Door Operating Switch | Refer to Specifications | |
| Automatic Door Operator | Refer to Specifications | |
| Circulating Pump | Refer to Specifications | |
| EWC GFCI Protected Receptacle | Hubbell | GFR8300H |
| Fire Alarm Control Panel | Refer to Specifications | |
| Organ Junction Box | Refer to Specifications | |
| Projection Screen | Refer to Specifications | |
| Range Receptacle | Specification | Per equipment's manufacturer |
| Scoreboard Junction Box | Refer to Specifications | |
| Switched Duplex Receptacle | Cooper | TR5362W |
| Thermal trip switch in NEMA 4 enclosure | Square-D | FG6P |
| Thermostat | Refer to Specifications | |
| Water Heater | Refer to Specifications | |
| Weather proof while-in use GFCI duplex outlet. Provide aluminum cover and weather rated GFCI outlet. | Hubbell | GFTR20SCBA-WP26M |

# Lighting Device Schedule

| Description | Manufacturer | Model |
|---|---|---|
| | | |
| 15 A Pilot Switch | Cooper | 294 |
| 20 A Single Pole Dimmer Switch | Refer to Specifications | |
| 20 A Single Pole Light Switch | Refer to Specifications | |
| 20 A Three Way Light Switch | Refer to Specifications | |
| 30 A Manual Motor Control Switch | Refer to Specifications | |
| Dual technology ceiling mounted occupancy sensor with override switch | Wattstopper or Leviton equivalent | DT-355 |
| Dual technology wall mounted occupancy sensor | Wattstopper or Leviton equivalent | DW-100 |
| Momentary Light Switch | Refer to Specifications | |

# 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 |
| | 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 | Ceiling Mounted Occupancy Sensor Dual Technology Unless noted high-bay (HB) |
| | 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 |

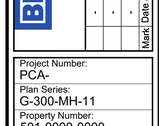
# Lighting Fixture Symbols

| | |
|---|---|
| | F1 |
| | F2 |
| | F3 |
| | F4 |
| | F5 |
| | F6 |
| | F7 |
| | F8 |
| | F10 |
| | F11 |
| | F11B |
| | F12 |
| | F13 |
| | F14 |
| | F15 |
| | F16 |
| | F17 |
| | F18 |
| | F19 |
| | F20 |
| | F21 |
| | F22 |
| | F23 |
| | F24 |
| | F25 |
| | F26 |

Release Date:
31 OCTOBER 2026


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Dennis B. Patten, AIA
P.O. Box 217
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Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

BREINHOLT

| Mark | Date (M-D-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-

Plan Series:
G-300-MH-11

Property Number:
501-0000-0000

Sheet Title:
SCHEDULES & SYMBOLS

Sheet:
E601

## PANEL SCHEDULE "MS"

**VOLTAGE:** 208 Y/ 120 VOLTS | **BUS RATING (AMPS):** 225 | **FED FROM:** M | **REMARKS:**
**MOUNTING:** SURFACE | **PHASE:** 3 | **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 1 | **WIRE:** 4 | **MINIMUM EQUIPMENT RATING:** 22,000 AMPS (RMS-SYM) | **AFC** 15,960

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30 | 1 | - | ERV-1c | ¾" | #10 | #10 | 1.00 | 2,328 | 3,192 | | | 864 | 1.00 | #12 | #12 | ¾" | F-8 | - | 1 | 20 | 2 |
| 3 | 20 | 1 | - | F-1d | ¾" | #12 | #12 | 1.00 | 1,176 | | 2,832 | | 1,656 | 1.00 | #12 | #12 | ¾" | F-10 | - | 1 | 25 | 4 |
| 5 | 20 | 1 | - | F-1c | ¾" | #10 | #10 | 1.00 | 1,176 | | | 3,504 | 2,328 | 1.00 | #10 | #10 | ¾" | ERV-10 | - | 1 | 30 | 6 |
| 7 | 25 | 1 | - | F-2b | ¾" | #12 | #12 | 1.00 | 1,656 | 2,520 | | | 864 | 1.00 | #12 | #12 | ¾" | F-4 | - | 1 | 20 | 8 |
| 9 | 30 | 1 | - | ERV-2b | ¾" | #10 | #10 | 1.00 | 2,328 | | 3,984 | | 1,656 | 1.00 | #12 | #12 | ¾" | F-12 | - | 1 | 25 | 10 |
| 11 | 20 | 1 | - | F-6 | ¾" | #12 | #12 | 1.00 | 864 | | | 3,192 | 2,328 | 1.00 | #10 | #10 | ¾" | ERV-12 | - | 1 | 30 | 12 |
| 13 | 20 | 1 | - | CO EQ PLAT | ¾" | #10 | #10 | 1.00 | 360 | 1,224 | | | 864 | 1.00 | #12 | #12 | ¾" | F-13 | - | 1 | 20 | 14 |
| 15 | 20 | 1 | - | CO TECH | ¾" | #12 | #12 | 1.00 | 180 | | 360 | | 180 | 1.00 | #12 | #12 | ¾" | CO MEZZANINE | - | 1 | 20 | 16 |
| 17 | 20 | 1 | - | CO TECH | ¾" | #12 | #12 | 1.00 | 180 | | | 540 | 360 | 1.00 | #12 | #12 | ¾" | CO MEZZANINE | - | 1 | 20 | 18 |
| 19 | 20 | 1 | - | CO TECH | ¾" | #12 | #12 | 1.00 | 180 | 360 | | | 180 | 1.00 | #12 | #12 | ¾" | WH-1 | - | 1 | 20 | 20 |
| 21 | 20 | 1 | - | CO TECH | ¾" | #12 | #12 | 1.00 | 180 | | 396 | | 216 | 1.00 | #12 | #12 | ¾" | CP-1 | - | 1 | 20 | 22 |
| 23 | 20 | 1 | - | CO TECH | ¾" | #12 | #12 | 1.00 | 180 | | | 4,180 | 4,000 | 1.00 | #10 | #8 | ¾" | RANGE | - | 2 | 50 | 24 |
| 25 | 20 | 1 | - | SPARE | | | | 1.00 | | 4,000 | | | 4,000 | 1.00 | - | #8 | - | - | - | - | - | 26 |
| 27 | 20 | 1 | RED | FACP | ¾" | #12 | #12 | 1.00 | 500 | | 500 | | | 1.00 | | | | SHUT-TRIP PROVISION | - | | | 28 |
| 29 | | | - | SPACE | | | | 1.00 | | | | 500 | 500 | 1.00 | #12 | #12 | ¾" | AUTO TEMP CONTROL | - | 1 | 20 | 30 |
| 31 | 20 | 2 | - | EH-1 | ¾" | #12 | #12 | 1.00 | 1,100 | 1,100 | | | | 1.00 | | | | SPARE | - | 1 | 20 | 32 |
| 33 | - | - | - | - | - | #12 | - | 1.00 | 1,100 | | 2,600 | | 1,500 | 1.00 | #12 | #12 | ¾" | REFRIGERATOR | - | 1 | 20 | 34 |
| 35 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 36 |
| 37 | | | - | SPACE | | | | 1.00 | | 0 | | | | 1.00 | | | | SPACE | - | | | 38 |
| 39 | | | - | SPACE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 40 |
| 41 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 42 |

**NOTES :**

A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 12,396 | 10,672 | 11,916 | 34,984 | CONNECTED LOAD (VA) |
| | | | 97 | CONNECTED LOAD (A) |
| 0 | 0 | 0 | 0 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 12,396 | 10,672 | 11,916 | 34,984 | TOTAL LOAD (VA) |
| 103 | 89 | 99 | | TOTAL LOAD (A) |
| | | | 103 | MAXIMUM LOAD (A) |
| 35% | 31% | 34% | | PHASE BALANCE |

## PANEL SCHEDULE "RN"

**VOLTAGE:** 208 Y/ 120 VOLTS | **BUS RATING (AMPS):** 100 | **FED FROM:** M | **REMARKS:** VIA CONTACTOR
**MOUNTING:** SURFACE | **PHASE:** 3 | **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 1 | **WIRE:** 4 | **MINIMUM EQUIPMENT RATING:** 10,000 AMPS (RMS-SYM) | **AFC** 5,340

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | - | CO BISHOP 105 | ¾" | #10 | #10 | 1.00 | 900 | 1,260 | | | 360 | 1.00 | #10 | #10 | ¾" | CO ROOM 120 124 | - | 1 | 20 | 2 |
| 3 | 20 | 1 | - | CO BISHOP 101 | ¾" | #10 | #10 | 1.00 | 900 | | 1,260 | | 360 | 1.00 | #12 | #12 | ¾" | CO MAT'L CNTR | - | 1 | 20 | 4 |
| 5 | 20 | 1 | - | CO CLERK 102,103 | ¾" | #10 | #10 | 1.00 | 1,080 | | | 1,620 | 540 | 1.00 | #12 | #12 | ¾" | CO MAT'L CNTR | - | 1 | 20 | 6 |
| 7 | 20 | 1 | - | CO WAITING 104, ROOM 106 | ¾" | #10 | #10 | 1.00 | 540 | 720 | | | 180 | 1.00 | #12 | #12 | ¾" | CO MAT'L CNTR | - | 1 | 20 | 8 |
| 9 | 20 | 1 | - | CO CHAPEL | ¾" | #10 | #10 | 1.00 | 360 | | 1,080 | | 720 | 1.00 | #12 | #12 | ¾" | CO FAMILY RR, MEN, WOMEN | - | 1 | 20 | 10 |
| 11 | 20 | 1 | - | SCREEN MOTOR | ¾" | #10 | #10 | 1.00 | 1,176 | | | 2,076 | 900 | 1.00 | #12 | #12 | ¾" | CO PLATFORM, RAMP | - | 1 | 20 | 12 |
| 13 | 20 | 1 | - | CO ROSTRUM | ¾" | #10 | #10 | 1.00 | 720 | 1,440 | | | 720 | 1.00 | #12 | #12 | ¾" | CO CORR., CULTRUAL CNTR | - | 1 | 20 | 14 |
| 15 | 20 | 1 | - | ORGAN BOX | ¾" | #10 | #10 | 1.00 | 500 | | 1,000 | | 500 | 1.00 | #12 | #12 | ¾" | EWC | GFCI | 1 | 20 | 16 |
| 17 | 20 | 1 | - | SPARE | | | | 1.00 | | | | 720 | 720 | 1.00 | #12 | #12 | ¾" | CO CORR., CULTRUAL CNTR | - | 1 | 20 | 18 |
| 19 | 20 | 1 | - | CO ENTRY,CUST., RMS | ¾" | #12 | #12 | 1.00 | 720 | 1,896 | | | 1,176 | 1.00 | #12 | #12 | ¾" | B BALL MOTOR | - | 1 | 20 | 20 |
| 21 | 20 | 1 | - | CO ROOMS 112,113,114,116,117 | ¾" | #12 | #12 | 1.00 | 900 | | 2,076 | | 1,176 | 1.00 | #12 | #12 | ¾" | B BALL MOTOR | - | 1 | 20 | 22 |
| 23 | 20 | 1 | - | CO RM 118 | ¾" | #12 | #12 | 1.00 | 1,440 | | | 1,620 | 180 | 1.00 | #12 | #12 | ¾" | SCORE BOARD | - | 1 | 20 | 24 |
| 25 | | | - | SPACE | | | | 1.00 | | 0 | | | | 1.00 | | | | SPACE | - | | | 26 |
| 27 | | | - | SPACE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 28 |
| 29 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 30 |

**NOTES :**

A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 5,316 | 5,416 | 6,036 | 16,768 | CONNECTED LOAD (VA) |
| | | | 47 | CONNECTED LOAD (A) |
| 0 | 0 | 0 | 0 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 5,316 | 5,416 | 6,036 | 16,768 | TOTAL LOAD (VA) |
| 44 | 45 | 50 | | TOTAL LOAD (A) |
| | | | 50 | MAXIMUM LOAD (A) |
| 32% | 32% | 36% | | PHASE BALANCE |

## PANEL SCHEDULE "RS"

**VOLTAGE:** 208 Y/ 120 VOLTS | **BUS RATING (AMPS):** 100 | **FED FROM:** M | **REMARKS:** VIA CONTACTOR
**MOUNTING:** SURFACE | **PHASE:** 3 | **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 1 | **WIRE:** 4 | **MINIMUM EQUIPMENT RATING:** 10,000 AMPS (RMS-SYM) | **AFC** 8,617

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | - | CO BISHOP 140 | ¾" | #10 | #10 | 1.00 | 900 | 900 | | | | 1.00 | | | | SPARE | - | 1 | 20 | 2 |
| 3 | 20 | 1 | - | CO BISHOP 142 | ¾" | #10 | #10 | 1.00 | 900 | | 900 | | | 1.00 | | | | SPARE | - | 1 | 20 | 4 |
| 5 | 20 | 1 | - | CO CLERK 143,144 | ¾" | #10 | #10 | 1.00 | 1,080 | | | 1,080 | | 1.00 | | | | SPARE | - | 1 | 20 | 6 |
| 7 | 20 | 1 | - | CO MOTHERS, CORRIDOR | ¾" | #12 | #12 | 1.00 | 540 | 900 | | | 360 | 1.00 | #12 | #12 | ¾" | CO SERVING AREA | - | 1 | 20 | 8 |
| 9 | 20 | 1 | - | SPARE | | | | 1.00 | | | 360 | | 360 | 1.00 | #12 | #12 | ¾" | CO SERVING AREA | - | 1 | 20 | 10 |
| 11 | 20 | 1 | - | SPARE | | | | 1.00 | | | | 180 | 180 | 1.00 | #12 | #12 | ¾" | CO SERVING AREA | - | 1 | 20 | 12 |
| 13 | 20 | 1 | - | CO ROOM 127, FIRE RISER | ¾" | #12 | #12 | 1.00 | 360 | 540 | | | 180 | 1.00 | #12 | #12 | ¾" | CO SERVING AREA | - | 1 | 20 | 14 |
| 15 | 20 | 1 | - | CO ROOMS 132,133,134 | ¾" | #12 | #12 | 1.00 | 900 | | 1,080 | | 180 | 1.00 | #12 | #12 | ¾" | CO SERVING AREA | - | 1 | 20 | 16 |
| 17 | 20 | 1 | - | CO ENTRY,ROOM139,WAIT141 | ¾" | #10 | #10 | 1.00 | 720 | | | 1,220 | 500 | 1.00 | #12 | #12 | ¾" | EWC | GFCI | 1 | 20 | 18 |
| 19 | 20 | 1 | - | CO CHAPEL | ¾" | #10 | #10 | 1.00 | 540 | 540 | | | | 1.00 | | | | SPARE | - | 1 | 20 | 20 |
| 21 | 20 | 1 | - | CO CULTURAL CNTR | ¾" | #12 | #12 | 1.00 | 720 | | 720 | | | 1.00 | | | | SPARE | - | 1 | 20 | 22 |
| 23 | 20 | 1 | - | CO CORR.,ENTRY | ¾" | #12 | #12 | 1.00 | 540 | | | 1,980 | 1,440 | 1.00 | #10 | #10 | ¾" | CO ROOM 126 | - | 1 | 20 | 24 |
| 25 | 20 | 1 | - | SPARE | | | | 1.00 | | 0 | | | | 1.00 | | | | SPACE | - | | | 26 |
| 27 | 20 | 1 | - | SPARE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 28 |
| 29 | 20 | 1 | - | SPARE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 30 |

**NOTES :**

A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 2,880 | 3,060 | 4,460 | 10,400 | CONNECTED LOAD (VA) |
| | | | 29 | CONNECTED LOAD (A) |
| 0 | 0 | 0 | 0 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 2,880 | 3,060 | 4,460 | 10,400 | TOTAL LOAD (VA) |
| 24 | 25 | 37 | | TOTAL LOAD (A) |
| | | | 37 | MAXIMUM LOAD (A) |
| 28% | 29% | 43% | | PHASE BALANCE |

## PANEL SCHEDULE "LN"

**VOLTAGE:** 208 Y/ 120 VOLTS | **BUS RATING (AMPS):** 100 | **FED FROM:** M | **REMARKS:**
**MOUNTING:** SURFACE | **PHASE:** 3 | **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 1 | **WIRE:** 4 | **MINIMUM EQUIPMENT RATING:** 10,000 AMPS (RMS-SYM) | **AFC** 5,340

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | - | LIGHT BISHOP | ¾" | #10 | #10 | 1.25 | 360 | 1,155 | | | 795 | 1.25 | #12 | #12 | ½" | LIGHT RELIEF SOC,FAM RR,EF5 | - | 1 | 20 | 2 |
| 3 | 20 | 1 | - | LIGHT & CO FOYER | ¾" | #12 | #12 | 1.25 | 636 | | 1,683 | | 1,047 | 1.25 | #12 | #12 | ½" | LIGHT RR,EF-1,2 | - | 1 | 20 | 4 |
| 5 | 20 | 1 | - | LIGHT RM,SERV,EF-7 | ¾" | #12 | #12 | 1.25 | 736 | | | 1,386 | 650 | 1.25 | #12 | #12 | ½" | LIGHT PLAT,MAT,STR | - | 1 | 20 | 6 |
| 7 | 20 | 1 | - | LIGHT HALL | ¾" | #10 | #10 | 1.25 | 841 | 841 | | | | 1.00 | | | | SPARE | - | 1 | 20 | 8 |
| 9 | 20 | 1 | - | LIGHT EXTERIOR | 1" | #8 | #8 | 1.25 | 585 | | 585 | | | 1.00 | | | | SPARE | - | 1 | 20 | 10 |
| 11 | 20 | 1 | - | SPARE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 12 |
| 13 | 20 | 1 | - | SPARE | | | | 1.00 | | 0 | | | | 1.00 | | | | SPACE | - | | | 14 |
| 15 | 20 | 1 | - | SPARE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 16 |
| 17 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 18 |

**NOTES :**

A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 1,996 | 2,268 | 1,386 | 5,650 | CONNECTED LOAD (VA) |
| | | | 16 | CONNECTED LOAD (A) |
| 499 | 567 | 347 | 1,413 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 2,495 | 2,835 | 1,733 | 7,063 | TOTAL LOAD (VA) |
| 21 | 24 | 14 | | TOTAL LOAD (A) |
| | | | 24 | MAXIMUM LOAD (A) |
| 35% | 40% | 25% | | PHASE BALANCE |

## PANEL SCHEDULE "LS"

**VOLTAGE:** 208 Y/ 120 VOLTS | **BUS RATING (AMPS):** 100 | **FED FROM:** M | **REMARKS:**
**MOUNTING:** SURFACE | **PHASE:** 3 | **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 1 | **WIRE:** 4 | **MINIMUM EQUIPMENT RATING:** 10,000 AMPS (RMS-SYM) | **AFC** 8,617

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | - | LIGHT BISHOP,CLERK | ¾" | #10 | #10 | 1.25 | 360 | 1,365 | | | 1,005 | 1.25 | #12 | #12 | ½" | LIGHT CULT HALL | - | 1 | 20 | 2 |
| 3 | 20 | 1 | - | LIGHT & CO FOYER | ¾" | #12 | #12 | 1.25 | 636 | | 1,924 | | 1,288 | 1.25 | #10 | #10 | ½" | LIGHT ROST, CHAPEL | - | 1 | 20 | 4 |
| 5 | 20 | 1 | - | LIGHT STAKE, EF-6,EF-4,EF-3 | ¾" | #12 | #12 | 1.25 | 1,144 | | | 2,254 | 1,110 | 1.25 | #10 | #10 | ½" | LIGHT ROST, COVE | - | 1 | 20 | 6 |
| 7 | 20 | 1 | - | LIGHT HALL, VEST | ¾" | #12 | #12 | 1.25 | 561 | 1,561 | | | 1,000 | 1.25 | #10 | #10 | ½" | LIGHT EQ PLAT | - | 1 | 20 | 8 |
| 9 | 20 | 1 | - | LIGHT EXTERIOR | ¾" | #10 | #10 | 1.25 | 162 | | 222 | | 60 | 1.25 | #10 | #10 | ½" | LIGHT ATTIC | - | 1 | 20 | 10 |
| 11 | 20 | 1 | - | LIGHT PRIM,RM,EF-3 | ¾" | #12 | #12 | 1.25 | 370 | | | 370 | | 1.00 | | | | SPACE | - | | | 12 |
| 13 | 20 | 1 | - | SPARE | | | | 1.00 | | 0 | | | | 1.00 | | | | SPACE | - | | | 14 |
| 15 | 20 | 1 | - | SPARE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 16 |
| 17 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 18 |

**NOTES :**

A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 2,926 | 2,146 | 2,624 | 7,696 | CONNECTED LOAD (VA) |
| | | | 21 | CONNECTED LOAD (A) |
| 732 | 537 | 656 | 1,924 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 3,658 | 2,683 | 3,280 | 9,620 | TOTAL LOAD (VA) |
| 30 | 22 | 27 | | TOTAL LOAD (A) |
| | | | 30 | MAXIMUM LOAD (A) |
| 38% | 28% | 34% | | PHASE BALANCE |

## PANEL SCHEDULE "MN"

**VOLTAGE:** 208 Y/ 120 VOLTS | **BUS RATING (AMPS):** 100 | **FED FROM:** M | **REMARKS:**
**MOUNTING:** SURFACE | **PHASE:** 3 | **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 1 | **WIRE:** 4 | **MINIMUM EQUIPMENT RATING:** 10,000 AMPS (RMS-SYM) | **AFC** 5,098

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | - | F-1a | ¾" | #10 | #10 | 1.00 | 1,176 | 2,832 | | | 1,656 | 1.00 | #12 | #12 | ¾" | F-3 | - | 1 | 25 | 2 |
| 3 | 20 | 1 | - | F-1b | ¾" | #12 | #12 | 1.00 | 1,176 | | 3,504 | | 2,328 | 1.00 | #10 | #10 | ½" | ERV-3 | - | 1 | 30 | 4 |
| 5 | 30 | 1 | - | ERV-1a | ¾" | #10 | #10 | 1.00 | 2,328 | | | 3,504 | 1,176 | 1.00 | #12 | #12 | ½" | F-7 | - | 1 | 20 | 6 |
| 7 | 20 | 1 | - | F-5 | ¾" | #12 | #12 | 1.00 | 864 | 2,040 | | | 1,176 | 1.00 | #12 | #12 | ½" | MOTORIZED DOOR | - | 1 | 20 | 8 |
| 9 | 30 | 1 | - | ERV-2a | ¾" | #10 | #10 | 1.00 | 2,328 | | 3,504 | | 1,176 | 1.00 | #12 | #12 | ½" | F-9 | - | 1 | 20 | 10 |
| 11 | 25 | 1 | - | F-2a | ¾" | #12 | #12 | 1.00 | 1,656 | | | 3,312 | 1,656 | 1.00 | #12 | #12 | ½" | F-11 | - | 1 | 25 | 12 |
| 13 | 20 | 1 | - | CO MEZZANINE | ¾" | #10 | #10 | 1.00 | 540 | 2,868 | | | 2,328 | 1.00 | #10 | #10 | ½" | ERV-11 | - | 1 | 30 | 14 |
| 15 | 20 | 1 | - | AUTO TEMP CONTROL | ¾" | #12 | #12 | 1.00 | 500 | | 500 | | | 1.00 | | | | SPACE | - | | | 16 |
| 17 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 18 |
| 19 | | | - | SPACE | | | | 1.00 | | 0 | | | | 1.00 | | | | SPACE | - | | | 20 |
| 21 | | | - | SPACE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 22 |
| 23 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 24 |
| 25 | | | - | SPACE | | | | 1.00 | | 0 | | | | 1.00 | | | | SPACE | - | | | 26 |
| 27 | | | - | SPACE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 28 |
| 29 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 30 |

**NOTES :**

A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 7,740 | 7,508 | 6,816 | 22,064 | CONNECTED LOAD (VA) |
| | | | 61 | CONNECTED LOAD (A) |
| 0 | 0 | 0 | 0 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 7,740 | 7,508 | 6,816 | 22,064 | TOTAL LOAD (VA) |
| 64 | 63 | 57 | | TOTAL LOAD (A) |
| | | | 64 | MAXIMUM LOAD (A) |
| 35% | 34% | 31% | | PHASE BALANCE |

Release Date:
31 OCTOBER 2026


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579


Stamp:




Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

BREINHOLT

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-
Plan Series:
G-300-MH-11
Property Number:
501-0000-0000

Sheet Title:
PANEL
SCHEDULES

Sheet:
E602

## MAIN DISTRIBUTION PANEL M

**VOLTAGE:** 208 120 — **PHASE BUS:** 800 AMPS
**PHASE:** 3 — **GROUND BUS:** 800 AMPS
**WIRE:** 4 — **NEUTRAL BUS:** 800 AMPS
**ENCLOSURE:** NEMA 3R — **MAIN DEVICE** BREAKER
**MOUNTING:** PAD OR WALL — **MAIN OVERCURRENT RATING** 700 AMPS
**LOCATION:** — **SHORT CIRCUIT RATING:** 42,000 AMPS (RMS-SYM)
**REMARKS:** 36,973 AFC

| CIRC. NO. | DESCRIPTION | KVA | AMPS | KVA ØA | KVA ØB | KVA ØC | O.C. DEVICE TYPE | POLES | AMP TRIP | AMP FRAME |
|---|---|---|---|---|---|---|---|---|---|---|
| M4 | PANEL LC1 | 32.7 | 107 | 12.9 | 10.1 | 9.7 | BRKR | 3 | 150 | AS REQ. |
| M5 | PANEL LC2 | 20.1 | 57 | 6.8 | 6.6 | 6.6 | BRKR | 3 | 100 | AS REQ. |
| M7 | PANEL LC3 | 38.9 | 116 | 13.9 | 12.9 | 12.1 | BRKR | 3 | 150 | AS REQ. |
| M8 | PANEL LC4 | 18.0 | 55 | 6.6 | 5.8 | 5.6 | BRKR | 3 | 100 | AS REQ. |
| M3 | PANEL LN | 7.1 | 24 | 2.5 | 2.8 | 1.7 | BRKR | 3 | 100 | AS REQ. |
| M2 | PANEL LS | 9.6 | 30 | 3.7 | 2.7 | 3.3 | BRKR | 3 | 100 | AS REQ. |
| M9 | PANEL MN | 22.1 | 64 | 7.7 | 7.5 | 6.8 | BRKR | 3 | 100 | AS REQ. |
| M10 | PANEL MS | 35.0 | 103 | 12.4 | 10.7 | 11.9 | BRKR | 3 | 200 | AS REQ. |
| M6 | PANEL RN | 16.8 | 50 | 5.3 | 5.4 | 6.0 | BRKR | 3 | 100 | AS REQ. |
| M11 | PANEL RS | 10.4 | 37 | 2.9 | 3.1 | 4.5 | BRKR | 3 | 100 | AS REQ. |
| M1 | SPD | | | - | - | - | BRKR | 3 | 30 | AS REQ. |
| M12 | SPACE | | 0 | - | - | - | BRKR | 3 | - | 200 |

| | ØA | ØB | ØC | PANEL TOTAL |
|---|---|---|---|---|
| TOTAL KVA: | 74.8 | 67.6 | 68.3 | 210.7 |
| TOTAL AMPS: | 623 | 563 | 569 | 623 |

NOTES:1. PROVIDE METER SOCKET AND CT CABINET PER LOCAL UTILITY REQUIREMENTS.
2. PROVIDE UNDERGROUND PARALLEL SERVICE TO THE SWITCHBOARD.
3. PROVIDE ALUMINUM BUSES.
4. PANEL MAY BE SERIES RATED.
5. ALL BREAKERS TO BE CAPABLE OF BEING LOCKED IN OFF POSITION.
6. PROVIDE A POWER QUALITY METER, CT'S AND PT'S MEASURING PANEL'S SERVICE ENTRANCE CONDUCTORS. TIE POWER QUALITY METER TO BUILDING MANAGEMENT SYSTEM.
7. PROVIDE REAL TIME ENERGY METERING ON EVERY BRANCH CIRCUIT IN THIS PANEL. TIE METERS TO BUILDING MANAGEMENT SYSTEM.

## PANEL SCHEDULE "LC1"

**VOLTAGE:** 208 Y/ 120 VOLTS — **BUS RATING (AMPS):** 225 **FED FROM:** M **REMARKS:**
**MOUNTING:** SURFACE — **PHASE:** 3 — **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 3R — **WIRE:** 4 — **MINIMUM EQUIPMENT RATING:** 10,000 AMPS (RMS-SYM) AFC 5,770

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50 | 2 | - | CU-2a | ¾" | #8 | #10 | 1.00 | 3,318 | 6,635 | | | 3,318 | 1.00 | #10 | #8 | ¾" | CU-3 | - | 2 | 50 | 2 |
| 3 | - | - | - | - | - | #8 | - | 1.00 | 3,318 | | 6,635 | | 3,318 | 1.00 | - | #8 | - | - | - | - | - | 4 |
| 5 | 45 | 2 | - | CU-7 | ¾" | #8 | #10 | 1.00 | 2,922 | | | 6,240 | 3,318 | 1.00 | #10 | #8 | ¾" | CU-9 | - | 2 | 50 | 6 |
| 7 | - | - | - | - | - | #8 | - | 1.00 | 2,922 | 6,240 | | | 3,318 | 1.00 | - | #8 | - | - | - | - | - | 8 |
| 9 | 50 | 2 | - | CU-11 | ¾" | #8 | #10 | 1.00 | 3,318 | | 3,498 | | 180 | 1.00 | #12 | #12 | ¾" | IRRIGATION CONTROLLER | - | 1 | 20 | 10 |
| 11 | - | - | - | - | - | #8 | - | 1.00 | 3,318 | | | 3,498 | 180 | 1.00 | #12 | #12 | ¾" | CO EQUIPMENT YARD | - | 1 | 20 | 12 |
| 13 | | | - | SPACE | | | | 1.00 | | 0 | | | | 1.00 | | | | SPACE | - | | | 14 |
| 15 | | | - | SPACE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 16 |
| 17 | | | - | SPACE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 18 |

**NOTES** :
A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 12,875 | 10,133 | 9,738 | 32,746 | CONNECTED LOAD (VA) |
| | | | 91 | CONNECTED LOAD (A) |
| 0 | 0 | 0 | 0 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 12,875 | 10,133 | 9,738 | 32,746 | TOTAL LOAD (VA) |
| 107 | 84 | 81 | | TOTAL LOAD (A) |
| | | | 107 | MAXIMUM LOAD (A) |
| 39% | 31% | 30% | | PHASE BALANCE |

## PANEL SCHEDULE "LC2"

**VOLTAGE:** 208 Y/ 120 VOLTS — **BUS RATING (AMPS):** 100 **FED FROM:** M **REMARKS:**
**MOUNTING:** SURFACE — **PHASE:** 3 — **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 3R — **WIRE:** 4 — **MINIMUM EQUIPMENT RATING:** 10,000 AMPS (RMS-SYM) AFC 2,806

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50 | 2 | - | CU-1a | ¾" | #8 | #10 | 1.00 | 3,318 | 3,498 | | | 180 | 1.00 | #12 | #12 | ¾" | CO EQUIPMENT YARD | - | 1 | 20 | 2 |
| 3 | - | - | - | - | - | #8 | - | 1.00 | 3,318 | | 3,318 | | | 1.00 | | | | SPARE | - | 1 | 20 | 4 |
| 5 | 50 | 2 | - | CU-1b | ¾" | #8 | #10 | 1.00 | 3,318 | | | 3,318 | | 1.00 | | | | SPARE | - | 1 | 20 | 6 |
| 7 | - | - | - | - | - | #8 | - | 1.00 | 3,318 | 3,318 | | | | 1.00 | | | | SPACE | - | | | 8 |
| 9 | 35 | 2 | - | CU-5 | ¾" | #10 | #10 | 1.00 | 3,318 | | 3,318 | | | 1.00 | | | | SPACE | - | | | 10 |
| 11 | - | - | - | - | - | #10 | - | 1.00 | 3,318 | | | 3,318 | | 1.00 | | | | SPACE | - | | | 12 |

**NOTES** :
A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 6,815 | 6,635 | 6,635 | 20,086 | CONNECTED LOAD (VA) |
| | | | 56 | CONNECTED LOAD (A) |
| 0 | 0 | 0 | 0 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 6,815 | 6,635 | 6,635 | 20,086 | TOTAL LOAD (VA) |
| 57 | 55 | 55 | | TOTAL LOAD (A) |
| | | | 57 | MAXIMUM LOAD (A) |
| 34% | 33% | 33% | | PHASE BALANCE |

## PANEL SCHEDULE "LC3"

**VOLTAGE:** 208 Y/ 120 VOLTS — **BUS RATING (AMPS):** 225 **FED FROM:** M **REMARKS:**
**MOUNTING:** SURFACE — **PHASE:** 3 — **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 3R — **WIRE:** 4 — **MINIMUM EQUIPMENT RATING:** 22,000 AMPS (RMS-SYM) AFC 12,211

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50 | 2 | - | CU-2b | ¾" | #8 | #10 | 1.00 | 3,318 | 6,635 | | | 3,318 | 1.00 | #10 | #8 | ¾" | CU-8 | - | 2 | 50 | 2 |
| 3 | - | - | - | - | - | #8 | - | 1.00 | 3,318 | | 6,635 | | 3,318 | 1.00 | - | #8 | - | - | - | - | - | 4 |
| 5 | 45 | 2 | - | CU-4 | ¾" | #8 | #10 | 1.00 | 2,922 | | | 5,845 | 2,922 | 1.00 | #10 | #8 | ¾" | CU-10 | - | 2 | 45 | 6 |
| 7 | - | - | - | - | - | #8 | - | 1.00 | 2,922 | 5,845 | | | 2,922 | 1.00 | - | #8 | - | - | - | - | - | 8 |
| 9 | 45 | 2 | - | CU-13 | ¾" | #8 | #10 | 1.00 | 2,922 | | 6,240 | | 3,318 | 1.00 | #10 | #8 | ¾" | CU-12 | - | 2 | 50 | 10 |
| 11 | - | - | - | - | - | #8 | - | 1.00 | 2,922 | | | 6,240 | 3,318 | 1.00 | - | #8 | - | - | - | - | - | 12 |
| 13 | 20 | 1 | - | CO EQUIPMENT YARD | ¾" | #12 | #12 | 1.00 | 180 | 1,211 | | | 1,031 | 1.25 | #8 | #8 | 1" | STORAGE BUILDING POWER | - | 1 | 20 | 14 |
| 15 | 20 | 1 | - | SPARE | | | | 1.00 | | | 0 | | | 1.00 | | | | SPACE | - | | | 16 |
| 17 | 20 | 1 | - | SPARE | | | | 1.00 | | | | 0 | | 1.00 | | | | SPACE | - | | | 18 |

**NOTES** :
A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 13,691 | 12,875 | 12,085 | 38,651 | CONNECTED LOAD (VA) |
| | | | 107 | CONNECTED LOAD (A) |
| 258 | 0 | 0 | 258 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 13,949 | 12,875 | 12,085 | 38,909 | TOTAL LOAD (VA) |
| 116 | 107 | 101 | | TOTAL LOAD (A) |
| | | | 116 | MAXIMUM LOAD (A) |
| 36% | 33% | 31% | | PHASE BALANCE |

## PANEL SCHEDULE "LC4"

**VOLTAGE:** 208 Y/ 120 VOLTS — **BUS RATING (AMPS):** 100 **FED FROM:** M **REMARKS:**
**MOUNTING:** SURFACE — **PHASE:** 3 — **MAIN LUGS ONLY**
**ENCLOSURE:** NEMA 3R — **WIRE:** 4 — **MINIMUM EQUIPMENT RATING:** 10,000 AMPS (RMS-SYM) AFC 5,098

| CIRCUIT BREAKER No. | AMPS | POLE | MOD. | CIRCUIT NAME | FEEDER C | WIRE | GRD | CKT. LOAD DEMAND FACTOR | WATTS | LOAD/PHASE (VA) ØA | ØB | ØC | CKT. LOAD WATTS | DEMAND FACTOR | FEEDER GRD | WIRE | C | CIRCUIT NAME | CIRCUIT BREAKER MOD. | POLE | AMPS | No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50 | 2 | - | CU-1c | ¾" | #8 | #10 | 1.00 | 3,318 | 3,318 | | | | 1.00 | | | | SPARE | - | 1 | 20 | 2 |
| 3 | - | - | - | - | - | #8 | - | 1.00 | 3,318 | | 3,498 | | 180 | 1.00 | #12 | #12 | ¾" | CO EQUIPMENT YARD | - | 1 | 20 | 4 |
| 5 | 50 | 2 | - | CU-1d | ¾" | #8 | #10 | 1.00 | 3,318 | | | 3,318 | | 1.00 | | | | SPARE | - | 1 | 20 | 6 |
| 7 | - | - | - | - | - | #8 | - | 1.00 | 3,318 | 3,318 | | | | 1.00 | | | | SPACE | - | | | 8 |
| 9 | 35 | 2 | - | CU-6 | ¾" | #10 | #10 | 1.00 | 2,288 | | 2,288 | | | 1.00 | | | | SPACE | - | | | 10 |
| 11 | - | - | - | - | - | #10 | - | 1.00 | 2,288 | | | 2,288 | | 1.00 | | | | SPACE | - | | | 12 |

**NOTES** :
A. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND EXTERIOR CONDUCTORS SHALL BE THHW.
B. LOAD DEMANDS CALCULATED AS PER SECTIONS 210 & 220 OF THE NATIONAL ELECTRICAL CODE.
C. PANEL COVER SHALL BE FIELD MARKED FOR FLASH PROTECTION WITH A PERMANENT LABEL AS REQUIRED BY THE NATIONAL ELECTRICAL CODE SECTION 110. LABEL SHALL READ: "DANGER: POTENTIAL ARC FLASH HAZARD"
D. ABBREVIATIONS: CO-CONVENIENCE OUTLET, RR-RESTROOM, (N)ORTH, (S)OUTH, (E)AST, (W)EST.

| ØA | ØB | ØC | TOTALS | |
|---|---|---|---|---|
| 6,635 | 5,786 | 5,606 | 18,026 | CONNECTED LOAD (VA) |
| | | | 50 | CONNECTED LOAD (A) |
| 0 | 0 | 0 | 0 | DEMAND FACTOR ADJUSTMENTS (VA) |
| 6,635 | 5,786 | 5,606 | 18,026 | TOTAL LOAD (VA) |
| 55 | 48 | 47 | | TOTAL LOAD (A) |
| | | | 55 | MAXIMUM LOAD (A) |
| 37% | 32% | 31% | | PHASE BALANCE |

Release Date:
31 OCTOBER 2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:
REGISTERED PROFESSIONAL ENGINEER
9857309-2202
KYLE L. BREINHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

BREINHOLT

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |
| | | |
| | | |

Project Number:
PCA-
Plan Series:
G-300-MH-11
Property Number:
501-0000-0000

Sheet Title:
LOAD CENTER
SCHEDULES

Sheet:
E603

# LIGHT FIXTURE SCHEDULE

| FIXTURE NUMBER | FIXTURE MANUFACTURER | FIXTURE CATALOG # | LAMPS TYPE | FIXTURE VOLTS | FIXTURE WATTS | FIXTURE MOUNTING | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| F20 | ALS<br>LITHONIA<br>GARDCO<br>LSI<br>HUBBELL<br>LUMARK<br><br>ATG<br>SYLVANIA | P-50-40-3M-RL-WH-UD RSHA-5183-AB-D1-WH<br>RSX1 LED P2 40K R3 MVOLT SPA DDBXD SSAH 18 4G DM19AS DDBXD<br>ECF-S-32L-530-NW-G2 AR-3-UNV-DD-F1-SCBA<br>MRS-LED-6L-SIL-3-UNV DIM-30-70CRI-BRZ 4RHPB3-A125-18'-S-BRZ<br>RAR1-80L-50-3K7-3 UNV-ASQU-SCBA/ 18'HB POLE<br>PRV-PA1A-730 T3-SA-SCBA<br><br>AR60-30-T3-AMF BRZ/ZUMA RNTHP-180050504SH<br>70956 | 50W DIMMABLE LED 6000 LM 3000 K | 120 | 50 | POLE | 18' ALUMINUM POLE HINGED PARKING AREA LIGHTING 208 VOLTS, SEE FIXTURE SCHEDULE NOTE. TYPE III DISTRIBUTION. POLE MOUNTED LIGHT FIXTURE. PROVIDE WITH VANDAL RESISTANT HARDWARE. | |
| F21 | TRACELITE<br>LITHONIA<br>STONCO<br>LSI<br>MULE<br>LUMARK<br><br>ATG | TLED112P-42-VS-4K-WH-TRH<br>WPX2 LED 30K MVOLT DDBXD<br>LPW16-58-WW-G3 UNV-SCBA<br>WPSLS-2L-30-BZA<br>MERU-LED-AC-WH<br>AXCS2A<br><br>WPGP-20-30K | 27W LED 2000 LM 3000 K | 120 | 27 | SURFACE WALL | WALL MOUNTED. WET LOCATION FINISH TO MATCH PARKING LOT FIXTURES. PROVIDE FIXTURE WITH INTEGRAL BACK BOX. PROVIDE WITH VANDAL RESISTANT HARDWARE. | |
| F22 | ALPHALITE<br>LITHONIA<br>H.E. WILLIAMS<br>LSI<br>COLUMBIA<br>METALUX<br>DAYBRITE<br>ATG<br>SYLVANIA | I LT-CB-24-L(34S2) 8-35<br>STAK 2X4 4000LM 80CR I 35K COL MINI0ZT MVOLT/ DGA24<br>LT24-L40/835-AF-DIM-UNV<br>OPT-LED-FS1-UNV-DIM<br>LCAT24-35LWG-EDU FK24<br>24CZ2-40-UNV-L835-CD1 U<br>2FGXG43L835-4-RS-UNV-DIM<br>ECRT-24-30W-T1-FK24<br>60878 | 25W LED 4000 LM 3500 K | 120 | 25 | RECESSED FLANGE MOUNT | 2'X4' RECESSED FIXTURE WITH CENTER ACRYLIC LENS. PROVIDE WITH 1.5" ADJUSTABLE GYP CEILING FLANGE. | |
| F23 | ALPHALITE<br>LITHONIA<br>H.E. WILLIAMS<br>LSI<br>COLUMBIA<br>METALUX<br>DAYBRITE<br>ATG<br>SYLVANIA | ILT-CB-24-H(45S2) 8-35<br>STAK 2X4 5000LM 80CRI 35K COL MIN10ZTVOLT<br>LT24-L52/835-AF-DIM- UNV<br>OPT-LED-FS2-UNV-DIM<br>LCAT24-30MLG-EDU FK24<br>24CZ2-50-UNV-L835-CD1-U<br>2FGXG54L835-4-RS-UNV-DIM<br>ECRT-24-35W-T1-FK24<br>60878 | 45W LED 5000 LM 3500 K | 120 | 45 | RECESSED | 2'X4' RECESSED FIXTURE WITH CENTER ACRYLIC LENS. | |
| F24 | EXITRONIX<br>LITHONIA<br>H.E. WILLIAMS<br>LSI<br>COMPASS<br>ALL PRO EM<br>CHLORIDE<br>ATG<br>SYLVANIA | GVEX-U-BP-WB-WHG2<br>EXRG EL M6<br>EXIT-G-EM-WHT-D<br>EMS-G-WB-WH<br>CEG<br>APX7G<br>VEGWEM<br>EES01-G-1-WH<br>60762 | 5WLED | 120 | 5 | SURFACE | EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON PLANS. UNIVERSAL MOUNTING. DOUBLE/SINGLE SIDED. 90 MIN BATTERY | PROVIDE WIRE GUARD FOR EXIT SIGNS INSTALLED IN OVERFLOW AND CULTURAL HALL. |
| F25 | HEWILLIAMS<br>LIGHTOLIER<br>VANTAGE<br>HALO | 6AR-L10-90-35-UNV-A-W-OF<br>6RR-LW-10-935-W-CC-U<br>V6OFCRWW-u-11-35K-F6160-SGC-HCR<br>HC610-HM60525-93561RWWH | 13W LED 1000 LM 3500 K | 120 | 13 | RECESSED | 6" RECESSED WALLWASHING CANLIGHT WITH LED SHALLOW HOUSING. WHITE TRIM AND LENSE. 1-1/4" CEILING FLANGE. | |
| F26/F26E | ALS | SSPA-44SC-EDGELIT-[EMB-18170] | LED SELECTABLE CCT & WATTAGE | 120 | 40 | SURFACE | LOW PROFILE (LESS THAN 2" DEEP) LINEAR SURFACE MOUNT | ADD BRACKETTED PART OF CATALOG NUMBER FOR FIXTURES INDICATED FOR EMERGENCY OPERATION. |

# LIGHT FIXTURE SCHEDULE

| FIXTURE NUMBER | FIXTURE MANUFACTURER | FIXTURE CATALOG # | LAMPS TYPE | FIXTURE VOLTS | FIXTURE WATTS | FIXTURE MOUNTING | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| F1 | ALPHALITE<br>NORA<br>LSI<br>COLUMBIA<br>METALUX<br>MERCURY LIGHTING<br>ATG<br>SYLVANIA | BFPL-14-A/8-35/FLANGE MOUNT<br>NPD-E14/30A4HL MPD-14FLANGE MOUNT/A<br>ABP14-FS1-UNV-FLANGE MOUNT14<br>CFP14-LSCS/SRPFLANGE-14<br>14FP4235C-DF-14W-U<br>MP15-1-17-OCT-A-EL BS-UNI-LBF<br>FPBL14-20-T1-FLANGE MOUNT14<br>60307/70132 | 40W LED 3500 K | 120 | 40 | RECESSED | 1'X4' FLANGE MOUNTED FLAT LED PANEL | |
| F2 | LA LIGHTING<br>PA-CO<br>H.E. WILLIAMS<br>ELITE<br>COLUMBIA<br>METALUX<br>DAYBRITE<br>LSI<br>SYLVANIA | VISE120-8-4L-FSW-DRP8 -1DRDM-UNV-2-830<br>PUSU 24 L 80 35 00 K20 MV D1<br>12-4-L84/835-FAF-12125 DIM-UNV<br>24-OSMT-LED 7000L-DIM10 MVOLT-35K-85-A19<br>CFP24-LSCS/ SRPSMK-24<br>24GR-LD5-72-A19/TUF JNV-L835-CD1-U SK-24-WS<br>2SML74L835-4-FS-19F UNV-DIM<br>H261-LED-24-6910 35K- 187<br>61621/70381 | 65W LED 3500 K | 120 | 65 | SURFACE CEILING | 0.14" THICK ACRI-TUF LENS. 2'X4' SURFACE MOUNTED LOW PROFILE TROFFER WITH STEEL HOUSING. 0-10V DIMABLE | |
| F3 | L.A. LIGHTING<br>FSC<br>H.E. WILLIAMS<br>LSI<br>COLUMBIA<br>METALUX<br><br>LSL | BAN100-3-2L-FPA 1DRDM-UNV-1-835<br>WCR 2 - 3500L AOK<br>FSW220L835-UNV-DIM<br>W442-LED-SS-WW-UE<br>CWM2-30VWSM FRFP-EDU<br>2BCLED-LD4-20SL-F UNV-L835-CD1-U<br><br>HFL55-LED-2-12W-35K | 26W LED 3500 K | 120 | 26 | SURFACE WALL | 2' WALL MOUNTED VANITY FIXTURE WITH ACRYLIC DIFFUSER. 'ELECTRONIC BALLAST SEE SPEC 265100 MOUNT AT CEILING. | |
| F4 | L.A. LIGHTING<br>FSC<br>H.E. WILLIAMS<br>LSI<br>COLUMBIA<br>METALUX<br><br>LSL | BAN100-6-4L-FPA 1DRDM-UNV-1-835<br>WCR 4 - 5500L AOK<br>FS W440L835-UNV-DIM<br>W444-LED-SS-WW-UE<br>CWM4-30VWSM FRFP-EDU<br>4BCLED-LD4-40SL-F UNV-L835-CD1-U<br><br>HFL55-LED-4-30W-35K | 45W LED 3500 K | 120 | 45 | SURFACE WALL | 4' WALL MOUNTED VANITY FIXTURE WITH ACRYLIC DIFFUSER. 'ELECTRONIC BALLAST SEE SPEC 265100. MOUNT ABOVE MIRRORS AT 7'-0". SEE SHEET A408. | |
| F5 | LA LIGHTING<br>LITHONIA<br>H.E. WILLIAMS<br>LSI<br>COLUMBIA<br>METALUX<br>DAYBRITE<br>ATG | STW110-6-4L-FRA DRDM-UNV-1-835<br>CSS L48 ALO3 MVOLT SWW3 80CRI<br>75R-4-L50/835-WG-75 -DIM-UNV<br>AST-4-4L-SA-UNV-835<br>MPS4-30XW-FW-EDU CSHC<br>4SNX-41SL-LW UNV-L835-CD1-U<br>X<br>LNS-4FT-25-T1-F-WG1 | 50W LED 3500 K | 120 | 50 | SURFACE OR CHAIN | 4' STRIP LIGHT. SURFACE OR CHAIN SUSPENDED. WITH WIRE GUARD. | |
| F6 | DAY-O-LITE<br>LITHONIA<br>H.E. WILLIAMS<br>ELITE<br>COLUMBIA<br>METALUX<br>LEDALITE<br>ATG | TRPL-13-I-SI-30-LO-2 CS-W-DIM10<br>ZL1N L24 1500LM FST MVOLT 35K 80CRI WH<br>CXC-2'00-L4/835-25-D-DIM-UNV<br>4-LSC1-LED-1100L-35K<br>MPS2-30VW-FW-EDU<br>2SNX-19SL-LW-UNV L835-CD1-U<br>TC08L83515WN 027DE<br>LNS-2FT-10-T1-F | 10W LED 3500 K | 120 | 10 | COVE | AIMABLE COVE STAGGERED 2' LAMP LIGHT FIXTURE. | |
| F7 | DAY-O-LITE<br>LITHONIA<br>H.E. WILLIAMS<br>ELITE<br>COLUMBIA<br>METALUX<br>LEDALITE<br>ATG | TRPL-13-I-SI-30-LO -4-CS-W-DIM10<br>ZL1N L48 3000LM FST MVOLT 35K 80CRI WH<br>CXC-4'00-L6/835-25-D-DIM-UNV<br>4-LSC1-LED-1100L-35K<br>MPS4-30XW-FW-EDU<br>4SNX-41SL-LW-UNV L835-CD1-U<br>TC08L83525WN 047DE<br>LNS-4FT-25-T1-F | 20W LED 3500 K | 120 | 20 | COVE | AIMABLE COVE STAGGERED 4' LAMP LIGHT FIXTURE. | |
| F8 | DAY-O-LITE<br>LITHONIA<br>H.E. WILLIAMS<br>ELITE<br>COLUMBIA<br>METALUX<br>LEDALITE<br>ATG | TRPL-13-I-SI-30-SO-4 CS-W-DIM10<br>ZL1N L48 5000LM FST MVOLT 35K 80CRI WH<br>CXC-4'00-L8/835-25-D-DIM-UNV<br>4-LSC1-LED-1100L-35K<br>MPS4-30VW-FW-EDU<br>4SNX-41SL-LW-UNV L835-CD1-U<br>TC08L83530WN 047DE<br>LNS-4FT-25-T1-F | 28W LED 3500 K | 120 | 28 | COVE | AL MABLE COVE STAGGERED TWO 4' LAMP FIXTURE. | |
| F9 | DAY-O-LITE<br>LITHONIA<br>H.E. WILLIAMS<br>ELITE<br>COLUMBIA<br>METALUX<br>LEDALITE<br>ATG | TRPL-13-I-SI-30-HO-8 CS-W-DIM10<br>TZL1N L96 6000LM FST MVOLT 35K 80 CRI WH<br>CXC-8'00-L10/835-25-D-DIM-UNV<br>4-LSC1-LED-1100L-35K<br>MPS8-30VW-FW-EDU<br>8SNX-82SL-LW-UNV L835-CD1-U<br>TC08L83540WN 047DE<br>LNS-8FT-75W-T1-F | 72W LED 3500 K | 120 | 72 | COVE | AL MABLE COVE 8' LONG STAGGERED FIXTURE. | NOT USED. |
| F10 | DMF<br>LITHONIA<br>GE<br>ELITE<br>LITON<br>HALO<br>ELCO | DRDH-N-IC-6-10O/ DRD2M-10-9-30-A DRD2T-R-6-S-WH<br>WF6 LED 27K30K35K MVOLT 90CRI MW<br>LRXR610835MD<br>RL679-1100L-CCT<br>CH618UE-D10 CR6L22SW-T30<br>T560WH12930 E7ICAT<br>EL61735W/EL760ICA | 13W LED 1000 LM 3500 K | 120 | 13 | RECESSED | 6" APERTURE RECESSED DOWNLIGHT WITH LED RETROFIT KIT AND SHALLOW HOUSING. WHITE TRIM AND LENSE. 1-1/4" CEILING FLANGE. | |
| F11 | PEACHTREE<br>SPECTRUM<br>GE<br>ELITE<br>LITON<br>HALO<br>ELCO<br><br>SYLVANIA | 8BLRD-25-30K-80-SH TRW-120<br>RDF08LEDXT 30L 40K MD EX BH27 RD8FXT SG<br>LRXR818840MD<br>HH6-LED-2000<br>CH828UE-D10 CR6L22SW-T30<br>PR820D010 PR8M34MDMW<br>E8LF1-2O-D/E81OL-2O35W<br><br>60780 | 27W LED 2000 LM 3500 K | 120 | 27 | RECESSED | 8" APERTURE DOWNLIGHT WITH WHITE TRIM. DAMP LOCATION RATED. | |
| F11B | PEACHTREE<br>SPECTRUM<br>GE<br>ELITE<br>LITON<br>HALO<br>ELCO<br>SYLVANIA | 6BLRD-25-30K-80-SH TRW-120<br>RDF06LEDXT 30L 40K MD EX BH27 RD8FXT SG<br>LRXR618840MD<br>HH6-LED-2000<br>CH628UE-D10 CR6L22SW-T30<br>PR620D010 PR8M34MDMW<br>E6LF1-2O-D/E61OL-2O35W<br>60780 | 27W LED 2000 LM 3500 K | 120 | 27 | RECESSED | 6" APERTURE DOWNLIGHT WITH WHITE TRIM. | |
| F12 | MANNING<br>LIGHTWAY<br>CRAFTMETAL<br>LE' LAMPISTE<br>EVERGREEN | CPI-2379-30-BA-12L6 T30D0-120-WH LDS-DB<br>MONH-30-LED-L1A-2 SCBA-WSA<br>SC301L-EEG-120-D1-AS-WA-SA-FD (DOUBLE BOWL)<br>BWL-S-D-30/XX/30-LED 90-DBWL-LDS-CLA-SA<br>SHP-RBR-P3O-136L 9-WF9-30K-DIM-CLPT | 96W LED 10,000 LM 3500 K | 120 | 136 | PENDANT | 30" DIAMETER DOUBLE SEALED BOWL FIXTURE WITH MACHINED ALUMINUM TRIM RING. WITH FULLY SEALEDDOUBLE BOWL BOTTOM OF FIXTURES ELEV. = 113'-0" 50% UPLIGHT, 50% DOWNLIGHT. | |
| F13 | MANNING<br>LIGHTWAY<br>CRAFTMETAL<br>LE' LAMPISTE<br>EVERGREEN | CPI-2379-36-BA-B133 30-120-WH-LDS-DB<br>MONH-36-LED-L1A-2 SCBA-WSA<br>SC3612L-EEF-120-D1 AS-WA-SA-FD (DOUBLE BOWL)<br>BWL-S-D-36/XX/36-LED 106-DBWL-LDS-CLA-SA<br>SHP-RBR-P36-156L 9-WF9-30K-DIM-CLPT | 133W 14000 LM 3500 K | 120 | 156 | PENDANT | 36" DIAMETER DOUBLE SEALED BOWL FIXTURE WITH MACHINED ALUMINUM TRIM RING. 'ELECTRONIC BALLAST WITH FULLY SEALED DOUBLE BOWL BOTTOM OF FIXTURES ELEV. = 113'-0" 50% UPLIGHT, 50% DOWNLIGHT | |
| F14 | MANNING<br>STONCO<br>CRAFT- METAL<br>LE' LAMPISTE<br>EVERGREEN | CBI-2749-BA-1L17T30 D0-120-WH-LDS<br>LPW16-30-WW-G3-UNV-SCBA<br>SC1809S-EDS-120-D1 WM-WA-SA-FD<br>BWL-WS-D-13/7/5-LED 13-LDS-CLA-SA<br>VE-WCSM-12-12W-9-WF | 20W 2000 LM 3500 K | 120 | 20 | SURFACE WALL | WALL SCONCE WITH SEMISPHERICAL ACRYLIC LENS AND ALUMINUM TRIM RING TO MATCH PENDANT FIXTURES. SEE ARCHITECTURAL FOR MOUNTING. | |
| F17 | SISTEMALUX<br>JUNO<br>NORA<br>ELITE<br>LITON<br>BRUCK<br>ELCO | 1590-830-45-120-01-LTE<br>R550 WH<br>NTE-960L930-M-10B<br>ETMP-AWH<br>LT850-W/ LP913W<br>LX35-SW-25LM-35K 90-120-ELV-ECO-WH<br>ET650WW | 1-PAR 38 LED REPLACEMENT 2000 LM DIMMABLE | 120 | 20 | MONO POINT SURFACE CEILING | SURFACE CYLINDRICAL SPOT LAMP HOLDER COMPATIBLE WITH TRACK. | |
| F19 | LEVITON<br>PASS & SEYMOUR<br>ARROW-HART<br>SATCO | 49875<br>274<br>604<br>90-1502 | 1-A19LED REPLACEMENT 1000 LM 3500 K | 120 | 10 | SURFACE CEILING | SURFACE CERAMIC LAMP HOLDER. PROVIDE METAL WIRE GUARD. | |

Release Date:
31 OCTOBER 2026

P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579

Stamp:
REGISTERED PROFESSIONAL ENGINEER
9657303-2202
KYLE J. BREINHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

BREINHOLT

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |
| | | |
| | | |

Project Number:
PCA-

Plan Series:
G-300-MH-11

Property Number:
501-0000-0000

Sheet Title:
LIGHT FIXTURE SCHEDULE

Sheet:
E604

## COPPER & ALUMINUM FEEDER SCHEDULE

| TYPE | CONDUIT SIZE | | CONDUCTORS | | 75°C AMP RATING |
|---|---|---|---|---|---|
| | PVC | EMT | QUAN. | SIZE | |
| 212 | 3/4" | 3/4" | 2 | #12 CU | |
| 312 | 3/4" | 3/4" | 3 | #12 CU | 25 |
| 412 | 3/4" | 3/4" | 4 | #12 CU | |
| 20 | 3/4" | 3/4" | 2 | #10 CU | |
| 30 | 3/4" | 3/4" | 3 | #10 CU | 35 |
| 40 | 3/4" | 3/4" | 4 | #10 CU | |
| 28 | 3/4" | 3/4" | 2 | #8 CU | |
| 38 | 3/4" | 3/4" | 3 | #8 CU | 50 |
| 48 | 3/4" | 3/4" | 4 | #8 CU | |
| 26 | 3/4" | 3/4" | 2 | #6 CU | |
| 36 | 3/4" | 3/4" | 3 | #6 CU | 65 |
| 46 | 1" | 1" | 4 | #6 CU | |
| 24 | 3/4" | 3/4" | 2 | #4 CU | |
| 34 | 1" | 1" | 3 | #4 CU | 85 |
| 44 | 1-1/4" | 1-1/4" | 4 | #4 CU | |
| 23 | 1" | 1" | 2 | #3 CU | |
| 33 | 1" | 1" | 3 | #3 CU | 100 |
| 43 | 1-1/4" | 1-1/4" | 4 | #3 CU | |
| 22 | 1" | 1" | 2 | #2 AL | |
| 32 | 1-1/4" | 1-1/4" | 3 | #2 AL | 90 |
| 42 | 1-1/4" | 1-1/4" | 4 | #2 AL | |

| TYPE | CONDUIT SIZE | | CONDUCTORS | | 75°C AMP RATING |
|---|---|---|---|---|---|
| | PVC | EMT | QUAN. | SIZE | |
| 21 | 1-1/4" | 1-1/4" | 2 | #1 AL | |
| 31 | 1-1/4" | 1-1/4" | 3 | #1 AL | 100 |
| 41 | 1-1/2" | 1-1/2" | 4 | #1 AL | |
| 21X | 1-1/4" | 1-1/4" | 2 | 1/0 AL | |
| 31X | 1-1/2" | 1-1/2" | 3 | 1/0 AL | 120 |
| 41X | 1-1/2" | 1-1/2" | 4 | 1/0 AL | |
| 22X | 1-1/4" | 1-1/4" | 2 | 2/0 AL | |
| 32X | 1-1/2" | 1-1/2" | 3 | 2/0 AL | 135 |
| 42X | 2" | 2" | 4 | 2/0 AL | |
| 23X | 1-1/2" | 1-1/4" | 2 | 3/0 AL | |
| 33X | 2" | 2" | 3 | 3/0 AL | 155 |
| 43X | 2" | 2" | 4 | 3/0 AL | |
| 24X | 1-1/2" | 1-1/2" | 2 | 4/0 AL | |
| 34X | 2" | 2" | 3 | 4/0 AL | 180 |
| 44X | 2-1/2" | 2-1/2" | 4 | 4/0 AL | |
| 225 | 2" | 2" | 2 | 250 KCMIL AL | |
| 325 | 2" | 2" | 3 | 250 KCMIL AL | 205 |
| 425 | 3" | 2-1/2" | 4 | 250 KCMIL AL | |
| 230 | 2" | 2" | 2 | 300 KCMIL AL | |
| 330 | 2-1/2" | 2-1/2" | 3 | 300 KCMIL AL | 230 |
| 430 | 3" | 2-1/2" | 4 | 300 KCMIL AL | |

| TYPE | CONDUIT SIZE | | CONDUCTORS | | 75°C AMP RATING |
|---|---|---|---|---|---|
| | PVC | EMT | QUAN. | SIZE | |
| 235 | 2" | 2" | 2 | 350 KCMIL AL | |
| 335 | 2-1/2" | 2-1/2" | 3 | 350 KCMIL AL | 250 |
| 435 | 3" | 3" | 4 | 350 KCMIL AL | |
| 240 | 2" | 2" | 2 | 400 KCMIL AL | |
| 340 | 2-1/2" | 2-1/2" | 3 | 400 KCMIL AL | 270 |
| 440 | 3" | 3" | 4 | 400 KCMIL AL | |
| 250 | 2-1/2" | 2-1/2" | 2 | 500 KCMIL AL | |
| 350 | 3" | 3" | 3 | 500 KCMIL AL | 310 |
| 450 | 4" | 4" | 4 | 500 KCMIL AL | |
| 260 | 2-1/2" | 2-1/2" | 2 | 600 KCMIL AL | |
| 360 | 3-1/2" | 3-1/2" | 3 | 600 KCMIL AL | 340 |
| 460 | 4" | 4" | 4 | 600 KCMIL AL | |

EQUIPMENT GROUNDING CONDUCTORS SCHEDULE

| OVERCURRENT DEVICE | COPPER | ALUMINUM |
|---|---|---|
| 15 | 14 | 12 |
| 20 | 12 | 10 |
| 30 | 10 | 8 |
| 40 | 10 | 8 |
| 60 | 10 | 8 |
| 100 | 8 | 6 |
| 200 | 6 | 4 |
| 300 | 4 | 2 |
| 400 | 3 | 1 |
| 500 | 2 | 1/0 |
| 600 | 1 | 2/0 |
| 800 | 1/0 | 3/0 |

NOTE:
1. SEE EQUIPMENT GROUND CONDUCTOR SCHEDULES OR SERVICE GROUNDING DETAIL FOR GROUND CONDUCTORS RATING.
2. ALL INSULATION SHALL BE THHN (ABOVE GRADE) OR THWN (BELOW GRADE) UNLESS NOTED OTHERWISE.
3. PVC CONDUIT SIZE IS BASED ON SCHEDULE 40 PVC. PVC & THWN ARE APPROVED FOR UNDERGROUND FEEDERS ONLY.

## MAIN DISTRIBUTION PANEL M

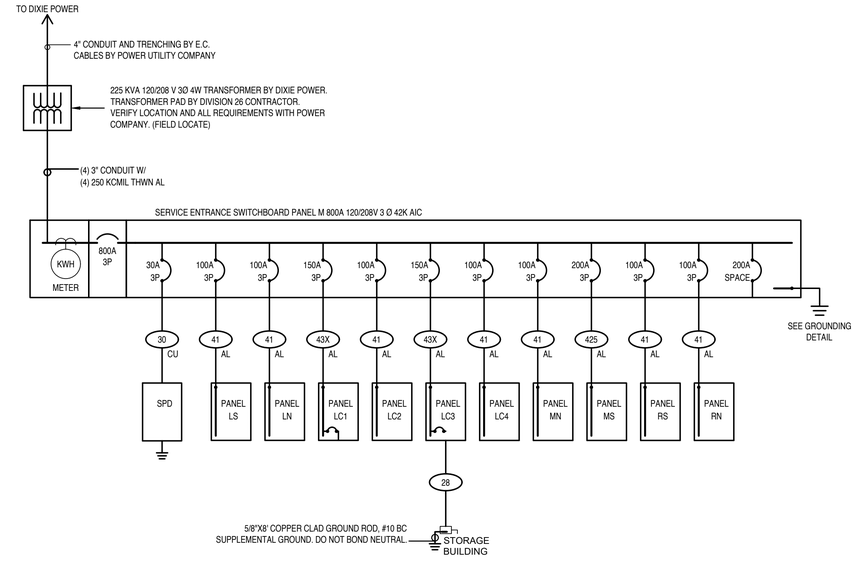
**VOLTAGE:** 208 120
**PHASE:** 3
**WIRE:** 4
**ENCLOSURE:** NEMA 3R
**MOUNTING:** PAD OR WALL
**LOCATION:**
**REMARKS:**

**PHASE BUS:** 800 AMPS
**GROUND BUS:** 800 AMPS
**NEUTRAL BUS:** 800 AMPS
**MAIN DEVICE** BREAKER
**MAIN OVERCURRENT RATING** 700 AMPS
**SHORT CIRCUIT RATING:** 42,000 AMPS (RMS-SYM)
36,973 AFC

| CIRC. NO. | DESCRIPTION | KVA | AMPS | KVA ØA | KVA ØB | KVA ØC | O.C. DEVICE TYPE | POLES | AMP TRIP | AMP FRAME |
|---|---|---|---|---|---|---|---|---|---|---|
| M4 | PANEL LC1 | 32.7 | 107 | 12.9 | 10.1 | 9.7 | BRKR | 3 | 150 | AS REQ. |
| M5 | PANEL LC2 | 20.1 | 57 | 6.8 | 6.6 | 6.6 | BRKR | 3 | 100 | AS REQ. |
| M7 | PANEL LC3 | 38.9 | 116 | 13.9 | 12.9 | 12.1 | BRKR | 3 | 150 | AS REQ. |
| M8 | PANEL LC4 | 18.0 | 55 | 6.6 | 5.8 | 5.6 | BRKR | 3 | 100 | AS REQ. |
| M3 | PANEL LN | 7.1 | 24 | 2.5 | 2.8 | 1.7 | BRKR | 3 | 100 | AS REQ. |
| M2 | PANEL LS | 9.6 | 30 | 3.7 | 2.7 | 3.3 | BRKR | 3 | 100 | AS REQ. |
| M9 | PANEL MN | 22.1 | 64 | 7.7 | 7.5 | 6.8 | BRKR | 3 | 100 | AS REQ. |
| M10 | PANEL MS | 35.0 | 103 | 12.4 | 10.7 | 11.9 | BRKR | 3 | 200 | AS REQ. |
| M6 | PANEL RN | 16.8 | 50 | 5.3 | 5.4 | 6.0 | BRKR | 3 | 100 | AS REQ. |
| M11 | PANEL RS | 10.4 | 37 | 2.9 | 3.1 | 4.5 | BRKR | 3 | 100 | AS REQ. |
| M1 | SPD | | | - | - | - | BRKR | 3 | 30 | AS REQ. |
| M12 | SPACE | | 0 | - | - | - | BRKR | 3 | - | 200 |

| | ØA | ØB | ØC | PANEL TOTAL |
|---|---|---|---|---|
| TOTAL KVA: | 74.8 | 67.6 | 68.3 | 210.7 |
| TOTAL AMPS: | 623 | 563 | 569 | 623 |

NOTES:1. PROVIDE METER SOCKET AND CT CABINET PER LOCAL UTILITY REQUIREMENTS.
2. PROVIDE UNDERGROUND PARALLEL SERVICE TO THE SWITCHBOARD.
3. PROVIDE ALUMINUM BUSES.
4. PANEL MAY BE SERIES RATED.
5. ALL BREAKERS TO BE CAPABLE OF BEING LOCKED IN OFF POSITION.
6. PROVIDE A POWER QUALITY METER, CT'S AND PT'S MEASURING PANEL'S SERVICE ENTRANCE CONDUCTORS. TIE POWER QUALITY METER TO BUILDING MANAGEMENT SYSTEM.
7. PROVIDE REAL TIME ENERGY METERING ON EVERY BRANCH CIRCUIT IN THIS PANEL. TIE METERS TO BUILDING MANAGEMENT SYSTEM.



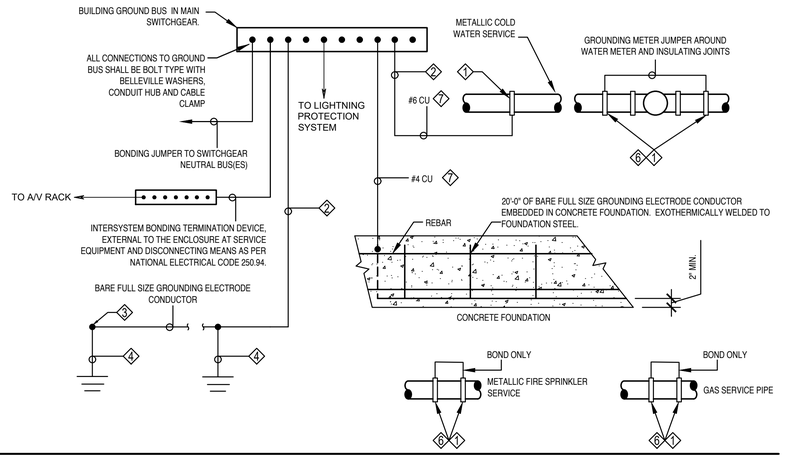

1 SINGLE LINE DIAGRAM
NOT TO SCALE

## GROUNDING ELECTRODE CONDUCTOR ⑤

| UNGROUNDED PHASE CONDUCTOR (COPPER) | UNGROUNDED PHASE CONDUCTOR (ALUMINUM) | GRND WIRE SIZE (CU) |
|---|---|---|
| #2 OR SMALLER | 1/0 OR SMALLER | #8 |
| 1 OR 1/0 | 2/0 OR 3/0 | #6 |
| 2/0 OR 3/0 | 4/0 OR 250 | #4 |
| >3/0 THRU 350 KCMIL | >250 KCMIL THRU 500 KCMIL | #2 |
| >350 KCMIL THRU 600 KCMIL | >500 KCMIL THRU 900 KCMIL | 1/0 |
| >600 KCMIL THRU 1100 KCMIL | >900 KCMIL THRU 1750 KCMIL | 2/0 |
| >1100 KCMIL | >1750 KCMIL | 3/0 |

## SERVICE GROUNDING NOTES:

1. T&B 3900 BU GROUND CLAMP WITH 3/4" CONDUIT HUB AND CABLE CLAMP.
2. FULL SIZE GROUNDING ELECTRODE CONDUCTOR IN PVC.
3. EXOTHERMICALLY WELDED (TYPICAL).
4. DRIVEN GROUND RODS ⅝"x8' COPPER/STEEL ON BUILDING EXTERIOR.
5. TABLE TAKEN FROM NEC 250.66. UNGROUNDED PHASE CONDUCTOR REFERS TO THE SIZE OF THE LARGEST UNGROUNDED SERVICE-ENTRANCE CONDUCTOR OR EQUIVALENT AREA FOR PARALLEL CONDUCTORS. SEE NEC 250.66.
6. BOND METAL PIPING PER NEC 250.104.
7. REDUCED SIZE GROUNDING ELECTRODE CONDUCTOR OR BONDING JUMPER PER NEC 250.66 (A) THROUGH (C). PROVIDE FULL SIZE CONDUCTOR IF CONDITIONS OF NEC 250.66 (A) THROUGH (C) ARE NOT MET.
8. WHEN PRESENT CONTRACTOR SHALL PROVIDE ALL GROUNDING MEANS INDICATED. CONTRACTOR SHALL REFER TO ELECTRICAL ONE-LINE DIAGRAM AND GROUNDING ELECTRODE CONDUCTOR SCHEDULE (THIS DETAIL) FOR GROUNDING ELECTRODE CONDUCTOR SIZE. CONTRACTOR SHALL REFER TO ELECTRICAL SPECIFICATIONS FOR SPECIFICS OF GROUNDING SYSTEM INSTALLATION AND MATERIALS.
9. GROUNDING ROD SHALL BE MIN. 9FT. AWAY FROM IRRIGATION CONTROLLER.
10. NFPA 10 6.5 PROHIBITS UNDERGROUND FIRE SPRINKLER PIPE FROM BEING USED AS GROUNDING ELECTRODE.
11. ONLY BOND SPRINKLER PIPE AND GAS PIPE TO GROUND BUS WHEN REQUIRED BY NFPA 780 FOR LIGHTNING PROTECTION OR WHEN LIKELY TO BECOME ENERGIZED PER SEE NEC 250.104 (B).




2 SERVICE GROUNDING DETAIL
NOT TO SCALE

## FAULT CURRENT CALCULATION TABLE

| MAIN UTILITY COMPANY TRANSFORMER | TRANSFORMER KVA | AFC AT UTILITY | %Z |
|---|---|---|---|
| 3Ø 120/208V -800A PAD MOUNTED | 300 | 42,000 A | 1.11% |

| CONFIGURATION FROM | | CONFIGURATION TO | | CONFIGURATION LENGTH | CONFIGURATION SOURCE FAULT CURRENT | FEEDER FEEDER SIZE | FEEDER FEEDERS PER PHASE | FEEDER WIRE CONSTANT | SYSTEM LINE TO LINE VOLTS | SYSTEM PHASE | FAULT CURRENT AT EQUIPMENT | FULL OR SERIES RATED | MINIMUM SYMMETRICAL EQUIPMENT AIC RATING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRANSFORMER | UTILITY | SWITCHBOARD | M | 20'-0" | 42,000 AIC | 250 AL | 4 | 12,862 | 208 V | 3Ø | 36,973 AIC | FULL | 42,000 AIC |
| SWITCHBOARD | M | PANELBOARD | LC1 | 160'-0" | 36,973 AIC | 3/0 AL | 1 | 9,110 | 208 V | 3Ø | 5,770 AIC | FULL | 10,000 AIC |
| PANELBOARD | M | PANELBOARD | LC2 | 185'-0" | 36,973 AIC | 1 AL | 1 | 4,678 | 208 V | 3Ø | 2,806 AIC | FULL | 10,000 AIC |
| PANELBOARD | M | PANELBOARD | LC3 | 60'-0" | 36,973 AIC | 3/0 AL | 1 | 9,110 | 208 V | 3Ø | 12,211 AIC | FULL | 22,000 AIC |
| PANELBOARD | M | PANELBOARD | LC4 | 95'-0" | 36,973 AIC | 1 AL | 1 | 4,678 | 208 V | 3Ø | 5,098 AIC | FULL | 10,000 AIC |
| PANELBOARD | M | PANELBOARD | LN | 90'-0" | 36,973 AIC | 1 AL | 1 | 4,678 | 208 V | 3Ø | 5,340 AIC | FULL | 10,000 AIC |
| PANELBOARD | M | PANELBOARD | LS | 50'-0" | 36,973 AIC | 1 AL | 1 | 4,678 | 208 V | 3Ø | 8,617 AIC | FULL | 10,000 AIC |
| PANELBOARD | M | PANELBOARD | MN | 95'-0" | 36,973 AIC | 1 AL | 1 | 4,678 | 208 V | 3Ø | 5,098 AIC | FULL | 10,000 AIC |
| PANELBOARD | M | PANELBOARD | MS | 55'-0" | 36,973 AIC | 250 AL | 1 | 12,862 | 208 V | 3Ø | 15,960 AIC | FULL | 22,000 AIC |
| PANELBOARD | M | PANELBOARD | RN | 90'-0" | 36,973 AIC | 1 AL | 1 | 4,678 | 208 V | 3Ø | 5,340 AIC | FULL | 10,000 AIC |
| PANELBOARD | M | PANELBOARD | RS | 50'-0" | 36,973 AIC | 1 AL | 1 | 4,678 | 208 V | 3Ø | 8,617 AIC | FULL | 10,000 AIC |

NOTES:
1. DISTANCES INDICATED ARE FOR FAULT-CURRENT ANALYSIS ONLY. CONTRACTOR SHALL USE FIELD MEASUREMENTS ESTABLISH CONDUCTOR LENGTHS FOR ORDERING PURPOSES.
2. PER NEC110.24 PROVIDE FIELD MARKING ON SERVICE EQUIPMENT STATING MAXIMUM AVAILABLE FAULT CURRENT AND DATE OF FAULT CURRENT CALCULATION.

DIXIE POWER DIVISION OF RESPONSIBILITY
FOR 3-PHASE CT SERVICES THE CUSTOMER SHALL PROVIDE AND INSTALL:
1. A 13 TERMINAL PRE WIRED METER SOCKET ENCLOSURE (MILBANK CATALOG #UC3423-XL-101) OR APPROVED EQUIVALENT. THE METER SHALL BE LOCATED ON THE NON-HINGED SIDE OF THE CURRENT TRANSFORMER CABINETS. METER SOCKETS SHALL NOT BE LOCATED ABOVE OR BELOW CT ENCLOSURES.
2. A CURRENT TRANSFORMER CABINET. THE CABINET MUST BE A WEATHER-TIGHT, NEMA 3R-RATED METALLIC CABINET SECURELY MOUNTED ON A RIGID SURFACE. THE DOOR SHALL BE HINGED AND CAPABLE OF BEING SEALED. THE CABINET SHALL BE SIZED IN ACCORDANCE WITH CURRENT TRANSFORMER CABINET REQUIREMENTS. THE TOP OF CT CABINET SHALL NOT BE MORE THAN 6 FEET ABOVE GROUND NOR LESS THAN 3'-6" FROM GROUND LEVEL.
3. AN APPROVED CURRENT TRANSFORMER MOUNTING BASE. THE MOUNTING BASE SHALL ACCEPT BAR-TYPE CURRENT TRANSFORMERS ONLY . NO ALTERATION OF THE TRANSFORMER MOUNTING BASE IS ALLOWED. (SEE TRANSFORMER MOUNTING BASE REQUIREMENTS).
4. THE CONDUIT BETWEEN THE METER SOCKET ENCLOSURE AND THE CT CABINET.
5. THE CUSTOMER MUST FURNISH ALL LUGS AND CONNECT CONDUCTORS TO THE LINE AND THE LOAD TERMINALS OF THE CURRENT TRANSFORMER MOUNTING BASE.
6. A 10-POLE TEST SWITCH (REFERENCE MILBANK CATALOG# TS10-0109) NOTE: IF INSTALLATION IS A CABINET ENCLOSURE A TEST SWITCH COVER WILL ALSO BE REQUIRED (REFERENCE MILBANK CATALOG# K3388)

DIXIE POWER SHALL PROVIDE AND INSTALL:
1. THE METER.
2. INSTRUMENT CURRENT TRANSFORMERS.
3. INSTRUMENT VOLTAGE TRANSFORMERS (IF NEEDED).

TWO TYPES OF CT MOUNTING CONFIGURATIONS ARE APPROVED BY DIXIE POWER. OTHER CONFIGURATIONS SHALL BE SUBMITTED TO DIXIE POWER FOR APPROVAL.
A. CURRENT TRANSFORMER METERING, POST MOUNTED
B. CURRENT TRANSFORMER METERING, WALL MOUNTED

(REFERENCE "CT CABINET REQUIREMENTS" FOR FURTHER INFORMATION)
THREE PHASE, 4 WIRE 201-800 AMPS EUSERC 316 36"W 48"H 14"D CT BASE MOUNTING EUSERC#329A & 329B

DIXIE POWER JUC NOTES
1. THE POWER DESIGN ON THIS UTILITY PLAN IS CONSIDERED BY DIXIE POWER TO BE PRELIMINARY UNTIL ACCOMPANIED BY A JUC APPROVAL STAMP. UPON RECEIPT OF THE JUC APPROVED DRAWING, DIXIE POWER'S ENGINEERING DEPARTMENT SHALL COMMENCE WITH THE FINAL CONSTRUCTION ESTIMATE. CONSTRUCTION ON THIS PROJECT WILL NOT COMMENCE UNTIL ALL CONSTRUCTION PAYMENTS HAVE BEEN MADE IN FULL.
2. ALL PRIMARY AND SECONDARY POWER INSTALLATION SHALL BE PERFORMED BY DIXIE POWER AND ITS APPROVED CONSTRUCTION CREWS. IF BACKFILL AND COMPACTION IS TO BE PROVIDED BY THE OWNER, ALL CONDUITS SHALL BE SAND BEDDED BEFORE NATIVE BACKFILL CAN BE UTILIZED.
3. IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE LOCATIONS AND ELEVATIONS FOR EACH OF THE FACILITIES THAT ARE TO BE INSTALLED WITH THIS PROJECT. IF OVERHEAD POWER LINES ARE BEING CONSTRUCTED, THE FINAL GRADE OF THE EASEMENT SHALL BE ESTABLISHED BEFORE CONSTRUCTION CAN BEGIN. IF THE GRADE CHANGES AFTER THE CONSTRUCTION HAS BEEN COMPLETED, THE COSTS TO CHANGE THE ELEVATION SHALL BE BILLABLE TO THE OWNER.
4. ALL JUC TRENCHES SHALL BE BACKFILLED AND COMPACTED IN 6 TO 8" LIFTS TO A COMPACTION OF 95% IN ROADWAYS/SIDEWALKS AND 90% BEHIND SIDEWALKS AND AT ALL PREPARED TRANSFORMER PAD AND HEAVY HARDWARE LOCATIONS. TESTING IS TO BE DONE AT THE MIDDLE AND TOP OF THE TRENCH.
5. FIELD DENSITY REPORTS FROM AN ACCREDITED GEOTECHNICAL ENGINEERING COMPANY SHALL BE SUBMITTED TO DIXIE POWERS ENGINEERING DEPARTMENT UPON COMPLETION OF THE PROJECT.
6. ALL CHANGES TO EXISTING GRADES NEAR EXISTING POWER UTILITIES MUST BE APPROVED BY DIXIE POWER'S ENGINEERING DEPARTMENT PRIOR TO CONSTRUCTION. BLUE STAKES PROTOCOL SHALL BE FOLLOWED AT ALL TIMES.
7. ANY IN FIELD CHANGES TO THE JUC APPROVED POWER DESIGN WILL BE AT THE OWNER'S EXPENSE AND MUST BE PRE-APPROVED AND DOCUMENTED BY DIXIE POWER PRIOR TO INSTALLATION.
8. OVERHEAD POWER LINE EASEMENTS SHALL NOT BE LANDSCAPED WITH TREES THAT GROW MORE THAN 15 FT AT MAXIMUM MATURITY. ALL UNDERGROUND FACILITIES SHALL BE LEFT OPEN FROM LANDSCAPING (15FT IN FRONT AND 5FT ON SIDES AND BACK FOR TRANSFORMERS AND SWITCHES AND 15 FT IN FRONT AND BACK FOR PMH HARDWARE) FOR EASE OF ACCESS.
9. PLEASE REFERENCE WWW.DIXIEPOWER.COM FOR INFORMATION ON INSTALLATION GUIDELINES AND METERING STANDARDS.

Release Date:
31 OCTOBER 2026


P.C. ARCHITECTS INC.
Dennis B. Patten, AIA
P.O. Box 217
St. George, UT 84771
(435) 673-6579


Stamp:
REGISTERED PROFESSIONAL ENGINEER
9657300-2202
KYLE L. BREINHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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


BREINHOLT
POWER ENGINEERING, PLLC
CERTIFICATE NO. 9657300-2202
805 SOUTH 1430 WEST | ST GEORGE, UT 84770
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| Mark | Date (DAY/) | Description |
|---|---|---|
| | | |

Project Number: PCA-
Plan Series: G-300-MH-11
Property Number: 501-0000-0000

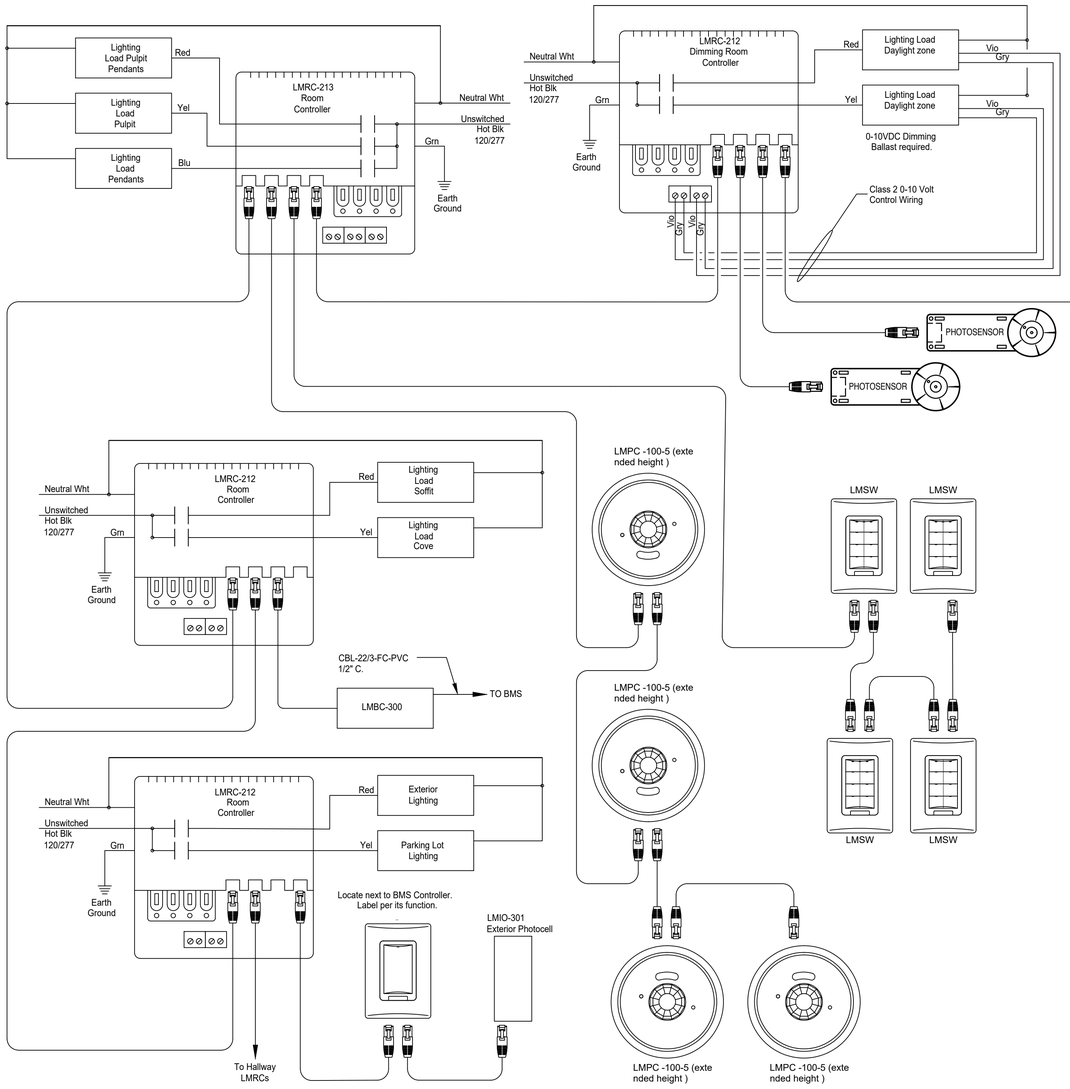
Sheet Title:
POWER SIGNLE LINE DIAGRAM

Sheet:
E605

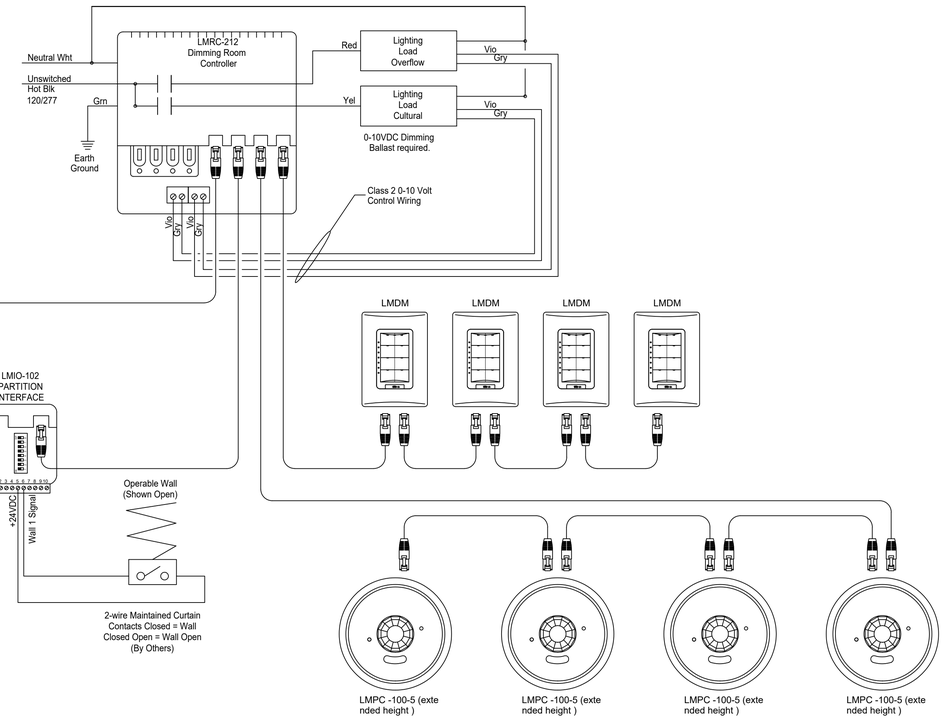
## SEQUENCE OF OPERATION

| AREA TYPE | MANUAL OVERRIDE | | | OCCUPANCY SENSOR | | | INTERIOR DAYLIGHT RESPONSE | | | TIME SWITCH | | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ON/OFF | SCENE SELECTOR | ON/OFF/PHASE/LOWER | AUTO-ON (% OF NORMAL FC) | MANUAL-ON (% OF NORMAL FC) | VACANCY TIME OUT TO OFF | AUTO OFF/AMT OUTPUT AT TARGET FC | SENSE FROM DAYLIGHT RESPONSE (USING WATTS GENERAL ILLUMINATION) | TARGET ILLUMINATION LEVEL MAINTAIN FC WITH METER HEIGHT = | BEGIN NORMAL OPERATION HOURS (PROGRAMMABLE TIME SWITCH OR TIME CLOCK) | END NORMAL OPERATION HOURS (PROGRAMMABLE TIME SWITCH OR TIME CLOCK) | AFTER HOURS DURATION TIMER SELECTABLE (COUNT DOWN) | AFTER NORMAL HOURS OVERRIDE NOT TO EXCEED 2 HOURS | |
| CHAPEL | | | X | | 100% | 20 MIN | OFF | | 50 FC | | | | | |
| CLASS ROOM (<200 SF) | | | X | | 100% | 20 MIN | | X | | | | | | |
| CORRIDORS (HALLWAY, FOYER, WAITING) | X | | | 100% | | 20 MIN | | X | | | | | | |
| CUSTODIAL | X | | | 100% | | 20 MIN | | | | | | | | |
| EQUIPMENT MEZZANINE | X | | | | | | | | | | | | | NOTE 1 PER NEC 110.26 D. |
| EXTERIOR - BUILDING MOUNTED | X | | | | | | | | | DUSK | DAWN | | X | |
| EXTERIOR - POLE MOUNTED | X | | | | | | | | | DUSK,06:00 | 00:00,DAWN | | X | |
| FIRE RISER ROOM | X | | | 100% | | 20 MIN | | | | | | | | |
| FONT | X | | | | | | | | | | | 2 HOURS | | NOTE 1. |
| MEETING ROOM (> 200 SF, <750 SF) | | | X | | 100% | 20 MIN | | X | | | | | | |
| MOTHER'S ROOM | X | | | 50% | | 20 MIN | | | | | | | | |
| MULTI PURPOSE ROOM (>750 SF) | | | X | | 100% | 20 MIN | | | | | | | | |
| OFFICE (BISHOP, STAKE PRESIDENT, CLERK) | | | X | | 100% | 20 MIN | | X | | | | | | |
| RESTROOM MULTI-USER | X | | | 100% | | 20 MIN | | | | | | | | NOTE 2. |
| RESTROOM SINGLE USER | X | | | 100% | | 20 MIN | | | | | | | | NOTE 2. |
| ROSTRUM | | | X | | 100% | 20 MIN | OFF | | 50 FC | | | | | |
| STORAGE (MATERIALS, STORAGE) | X | | | | 100% | 20 MIN | | | | | | | | |

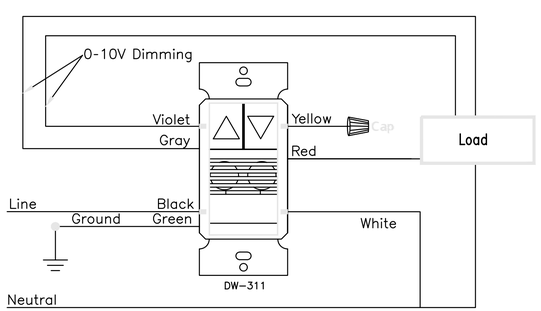
NOTES:
1. PROVIDE HOLD-ON (OPERATE INDEFINITELY).
2. OCCUPANCY SENSOR FOR CONTROL OF THE LIGHT AND EXHAUST FAN.



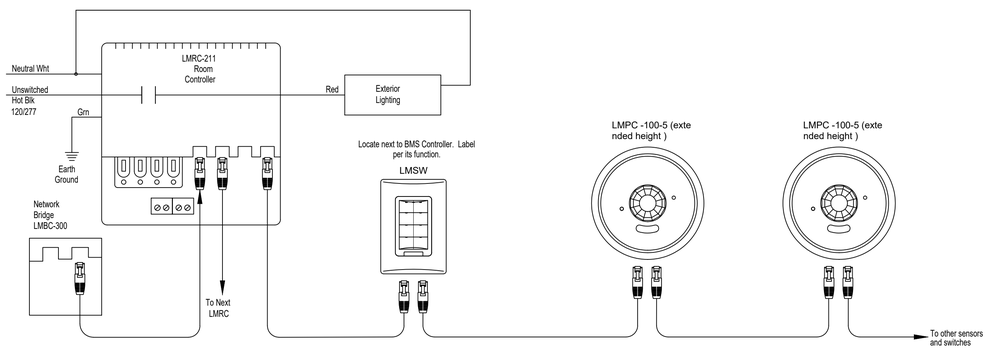

3 CHAPEL AND EXTERIOR LIGHTING CONTROL WIRING DIAGRAM
NO SCALE




1 OVERFLOW/CULTURAL CENTER LIGHTING CONTROL WIRING DIAGRAM
NO SCALE




4 TYPICAL WALL SWITCH WIRING DIAGRAM
12" = 1'-0"




2 HALLWAYS/FOYERS LIGHTING CONTROL WIRING DIAGRAM
NO SCALE

Release Date:
31 OCTOBER 2026


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Stamp:
REGISTERED PROFESSIONAL ENGINEER
9857308-2202
KYLE L BREINHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

BRENHOLT

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number: PCA-
Plan Series: G-300-MH-11
Property Number: 501-0000-0000

Sheet Title: LIGHTING CONTROL WIRING DIAGRAMS

Sheet: E606

## LOAD CALCULATIONS

| | | |
|---|---|---|
| GROSS BUILDING AREA: | 21,835 | SQ. FT |
| BUILDING VOLTAGE: | 208 | VOLTS |
| PHASE | 3 | PHASE |
| OCCUPANCY TYPE: | BUSINESS | |
| GENERAL LOADS: | | |
| LIGHTING LOAD W/ 125% DEMAND: | 17,971 | VA |
| RECEPTACLE LOAD: | 43,670 | VA |
| FIRST 10,000 VA @ 100% | 10,000 | VA |
| REMAINDER @50% | 16,835 | VA |
| ADJUSTED RECEPTACLE TOTAL LOAD: | 26,835 | VA |
| SMALL APPLIANCE LOAD: | - | VA |
| KITCHEN EQUIPMENT | 8,000 | VA |
| MISC: | 500 | VA |
| TOTAL LOAD: | 8,500 | VA |
| HVAC LOADS: | | |
| COOLING/HEATING | 149,894 | VA |
| RESISTANCE HEATING: | - | VA |
| EXHAUST: | - | VA |
| WATER HEATING: | 180 | VA |
| TOTAL: | 150,074 | VA |
| EQUIPMENT LOADS: | | |
| MACHINERY: | - | VA |
| ELEVATOR: | - | VA |
| PUMPS: | 216 | VA |
| WELDERS: | - | VA |
| AIR COMPRESSORS: | - | VA |
| MOTORS | 3,528 | VA |
| NET COMPUTED LOAD | 207,124 | VA |
| NET COMPUTED LOAD (VA , VOLTS ): | 575 | AMPS |

# COMMERCIAL / INDUSTRIAL CUSTOMER INFORMATION SHEET

## Business Information

Business / Customer Name: LONG VALLEY – Granger 300 Meeting House
Request Number:

Address: EAST RIGGS LOOP DRIVE WASHINGTON UT 84790

Building Square Footage: : 18316 main level 3519 mechanical mezzanine

Hours of Operation (include days & hours): Su 07:00–18:00 T–F 18:00–21:00 Sa 07:00–21:00

## Service Description

Desired Secondary Voltage: 3 Phase 120/208 V

Panel Size (in Amps): 800 Total number meters: (1) 800 A 3Ø

Nearest Pole or Equipment number: _____ Type of Service Desired: Underground

## Load List

| Description | Motor starting code | New Load to be added | Load to be removed | Total Connected Load after changes | Unit |
|---|---|---|---|---|---|
| HVAC (name plate rating) | | | | 64 | Tons* |
| Refrigeration Equipment | | | | | Tons* |
| **Total** (do not convert to kW) : | | | | 58 | Tons |
| Exhaust Fans | | | | 2 | HP |
| Gas/Fuel/Sump Pump | | | | | HP |
| Small Motors < 10 HP | | | | 2 | HP |
| Air Compressor | | | | | HP |
| Swimming Pool | | | | | HP |
| Large Motors > 10 HP (not included above) | | | | | HP |
| **Total** (do not convert to kW) : | | | | 4 | HP |
| Electric Heat | | | | 2 | kW |
| Water Heating | | | | 1 | kW |
| Lighting | | | | 17 | kW |
| Outlets | | | | 27 | kW |
| Office Equipment | | | | | kW |
| Kitchen Equipment | | | | 10 | kW |
| Computers, Magnetic Power Supplies | | | | | kW |
| Machinery | | | | | kW |
| Thermoplastic Injection Equipment | | | | | kW |
| Elevators | | | | | kW |
| Boiler | | | | | kW |
| Snow Melting | | | | | kW |
| Signs | | | | | kW |
| X–Ray Equipment | | | | | kW |
| Washer/Dryer | | | | | kW |
| Miscellaneous | | | | 1 | kW |
| Heat Exchanger | | | | | kW |
| Humidifier | | | | | kW |
| Future | | | | | kW |
| For PEV (plug–in electric vehicle) chargers see page 2. | | | **Total:** | 90.5 | kW |

Plug–in Electric Vehicle (PEV) Chargers:

| Description | Number of charger units | Nameplate kW each charger | Total kW | Manufacturer | Model |
|---|---|---|---|---|---|
| Level 2 PEV Charger - J1772 (240v) | | | 0 | | |
| Level 2 PEV Charger - Tesla (240v) | | | 0 | | |
| DC Fast Charger - CCS (480v) | | | 0 | | |
| **Total PEV Charger:** | | | **0** | | |

| | | |
|---|---|---|
| Installing solar panels? | No ☒ | Yes ☐ |
| Total nameplate kW capacity = | | Annual kWh |
| If yes, list the estimated annual kWh production in alternating current: | | |

Release Date:
31 OCTOBER 2026

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St. George, UT 84771
(435) 673-6579

Stamp:
REGISTERED PROFESSIONAL ENGINEER
9657300-2202
KYLE L. BREINHOLT
31 October 2025
STATE OF UTAH

Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

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

BREINHOLT

| Mark | Date (DAY) | Description |
|---|---|---|
| . | . | . |
| . | . | . |

Project Number:
PCA-
Plan Series:
G-300-MH-11
Property Number:
501-0000-0000

Sheet Title:
UTILITY LOAD CALCULATIONS

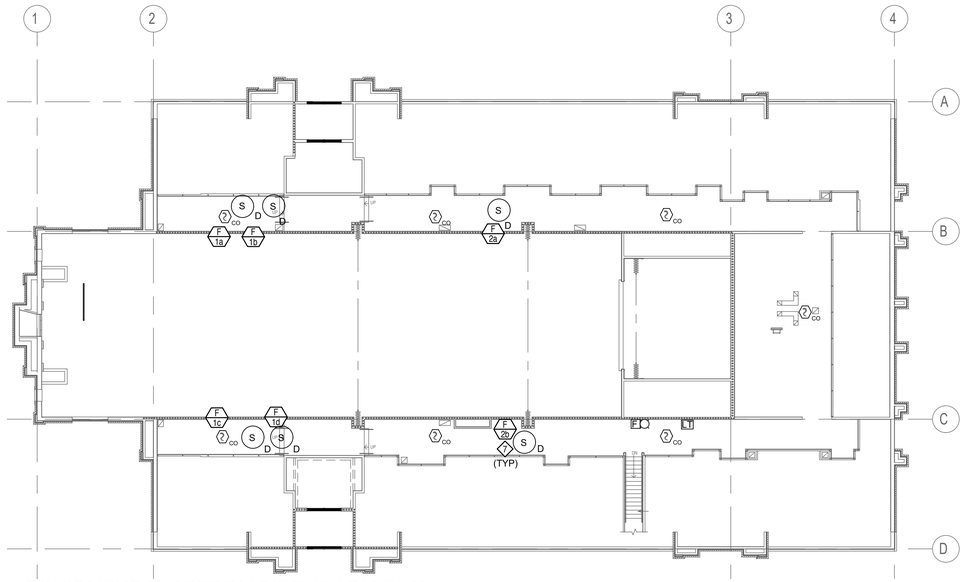
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E607

## FIRE DETECTION SYMBOLS

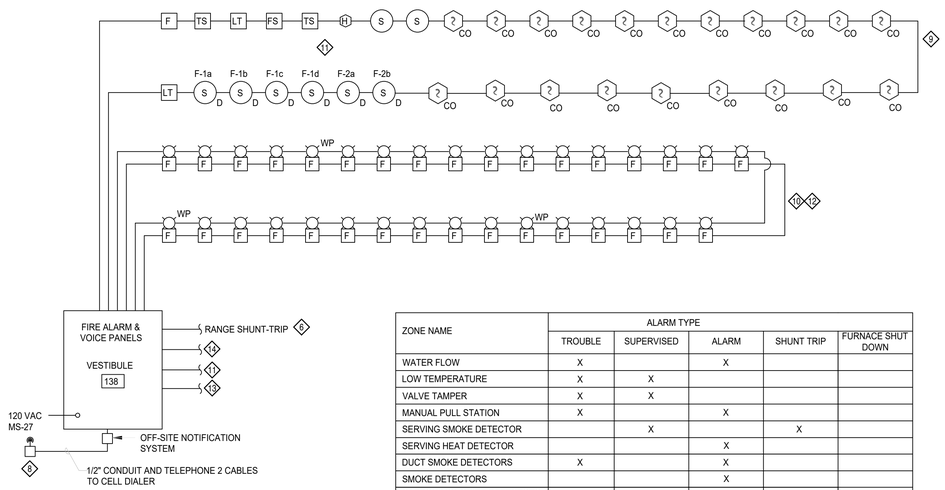
| | |
|---|---|
| FACP | FIRE ALARM CONTROL PANEL |
| F | MANUAL PULL STATION |
| H | HEAT DETECTOR |
| S | SMOKE DETECTOR |
| S D | DUCT SMOKE DETECTOR (BY DIV 23). (COORDINATE CONNECTIONS WITH THE MECHANICAL CONTRACTOR) |
| F | SPEAKER/STROBE<br>AUDIBLE VOICE ALARM ANNUNCIATION: ALARM SIGNAL SHALL BE ANNUNCIATED BY AUDIBLE VOICE EVACUATION MESSAGE. MESSAGE SHALL BE DIGITALLY RECORDED WITH MESSAGE CONTENT MEETING REQUIREMENTS OF THE NFPA AND LOCAL AUTHORITY. MESSAGE SHALL BE FIELD PROGRAMMABLE AND RETAINED IN MEMORY IF POWER IS INTERRUPTED. |
| | SPEAKER ONLY |
| EOL | END OF LINE WIRING DEVICE |
| FS | WATER FLOW SWITCH |
| TS | VALVE TAMPER SWITCH |
| LT | LOW TEMPERATURE SENSOR |
| WP | DEVICE DESIGNED FOR OUTDOOR USE |
| PIV | POST INDICATOR VALVE (COORDINATE LOCATION WITH FIRE SPRINKLER CONTRACTOR) |
| ? CO | ADDRESSABLE CARBON MONOXIDE DETECTOR |

## NOTES

1. SEE L/FS501 FOR LOCATIONS OF DEVICES.
2. PERMANENTLY IDENTIFY LOCATION OF CIRCUIT BREAKER FEEDING FACP AND PROVIDE RED MARKING ON CIRCUIT BREAKER.
3. NON-POWER LIMITED AND POWER LIMITED WIRING SHALL BE SEPARATED IN FACP.
4. PROVIDE PROTECTIVE WIRE GUARD ON DEVICES NOTED.
5. PROVIDE CONNECTION FOR FIRE SPRINKLER SYSTEM EXTERNAL BELL/HORN STROBE. SEE H/FS501.
6. PROVIDE OUTPUT FROM FIRE ALARM PANEL TO CONTROL SHUNT TRIP BREAKER SERVING RANGE(S). IF SMOKE DETECTOR IN BREAK ROOM GOES INTO ALARM, THE CIRCUIT BREAKER(S) SERVING THE RANGE(S) SHALL SHUNT TRIP.
7. WHERE DUCT SMOKE DETECTORS ARE SHOWN IN MEZZANINE PROVIDE FAN SHUTDOWN FROM FIRE PANEL TO FURNACES.
8. PROVIDE FIRE ALARM WIRELESS COMMUNICATOR (DSC 3G4010-CF) AND PROVIDE INTERCONNECT WIRING BACK TO FIRE ALARM PANEL.
9. CARBON MONOXIDE ALARM SHALL NOTIFY THE OCCUPANTS TO EVACUATE THE BUILDING WITH A DISTINCT MESSAGE FROM THE GENERAL FIRE ALARM.
10. ALL STROBES SHALL BE SYNCHRONIZED PER ALL ADA REQUIREMENTS.
11. FURNACES AS SHOWN ON DRAWINGS SHALL SHUTDOWN UPON GENERAL ALARM. PROVIDE ALL REQUIRED CONNECTIONS NECESSARY FOR SHUTDOWN. COORDINATE ALL WORK AND CONTROL CONNECTIONS WITH THE MECHANICAL CONTRACTOR.
12. SUCCESSFUL FIRE ALARM SYSTEM SUPPLIER SHALL SHOW INTELLIGIBILITY ON INSTALLATION DRAWING COMPLIANCE CALCULATIONS PER ALL NFPA REQUIREMENTS.
13. TO A/V SYSTEM. A/V SYSTEM SHALL MUTE UPON ALARM. COORDINATE ALL WORK AND REQUIREMENTS WITH THE A/V SYSTEM INSTALLER.
14. PROVIDE CONNECTION FOR FIRE SPRINKLER SYSTEM EXTERNAL BELL/HORN STROBE. SEE L/FS501.
21. WIRING FROM DIFFERENT ANNUNCIATION AND INITIATING DEVICES LOOPS MAY BE COMBINED IN A COMMON CONDUIT. FOLLOW NEC REQUIREMENTS FOR FILL.
22. COORDINATE FIRE ALARM DEVICES WITH LIGHTING FIXTURES, SPEAKERS, GRILLS, ETC.
23. DO NOT INSTALL SMOKE DETECTORS WITHIN 3' OF ANY MECHANICAL GRILL.
24. NON-POWER LIMITED AND POWER LIMITED WIRING SHALL BE SEPARATED IN FACP.
25. PERMANENTLY IDENTIFY LOCATION OF CIRCUIT BREAKER FEEDING FACP AND PROVIDE RED MARKING ON CIRCUIT BREAKER.
26. PROVIDE PROTECTIVE WIRE GUARD ON DEVICES NOTED.
27. SEE L/FS501 FOR LOCATIONS OF DEVICES.
28. PROVIDE FLUSH MOUNT STI LEXAN COVER.
29. ALL FIRE ALARM CABLE THAT IS SUBJECT TO DAMAGE SHALL BE INSTALLED IN CONDUIT (ATTIC, EQUIPMENT PLATFORM, ABOVE SUSPENDED CEILINGS, ETC).
30. WHERE FIRE ALARM IS NOT RUN IN CONDUIT (SEE NOTE #29), CABLING SHALL BE RUN PERPENDICULAR AND PARALLEL TO SURFACES OF STRUCTURAL MEMBERS, AND FOLLOW SURFACE CONTOURS WHERE POSSIBLE.
31. DO NOT CONNECT, MOUNT OR SUPPORT ANY FIRE ALARM CABLING FROM DATA/COMM MOUNTING OR WIRE MANAGEMENT.

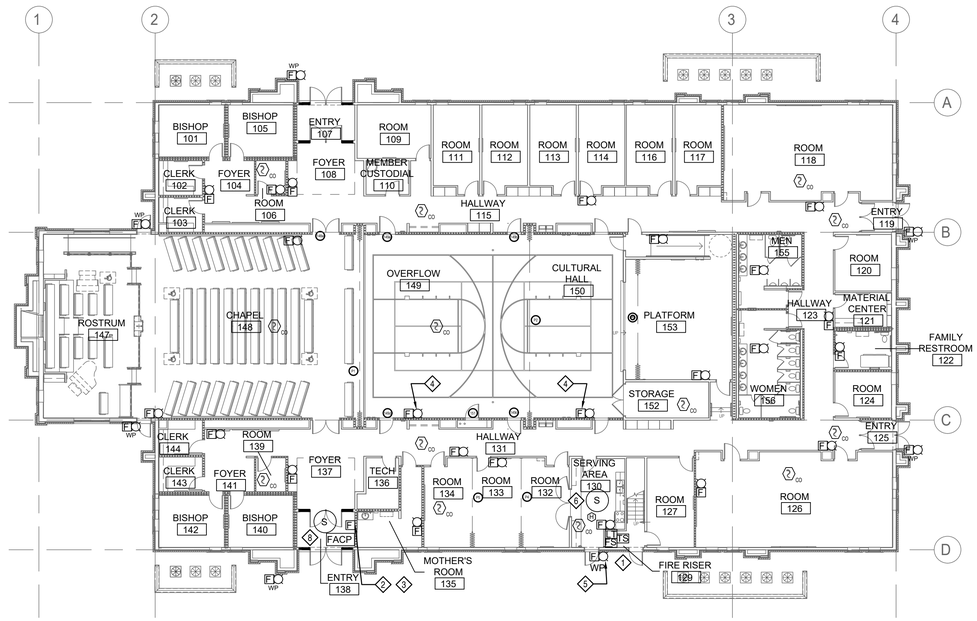



2 EQUIPMENT PLATFORM FIRE ALARM PLAN
1/16" = 1'-0"




| ZONE NAME | ALARM TYPE | | | | |
|---|---|---|---|---|---|
| | TROUBLE | SUPERVISED | ALARM | SHUNT TRIP | FURNACE SHUT DOWN |
| WATER FLOW | X | | X | | |
| LOW TEMPERATURE | X | X | | | |
| VALVE TAMPER | X | X | | | |
| MANUAL PULL STATION | X | | X | | |
| SERVING SMOKE DETECTOR | | X | | X | |
| SERVING HEAT DETECTOR | | | X | | |
| DUCT SMOKE DETECTORS | X | | X | | |
| SMOKE DETECTORS | | | X | | |
| CARBON MONOXIDE DETECTORS | | | X | | X |

3 FA RISER DIAGRAM
NO SCALE




1 MAIN FLOOR FIRE ALARM PLAN
1/16" = 1'-0"

Release Date:
31 OCTOBER 2026


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KYLE L BREINHOLT
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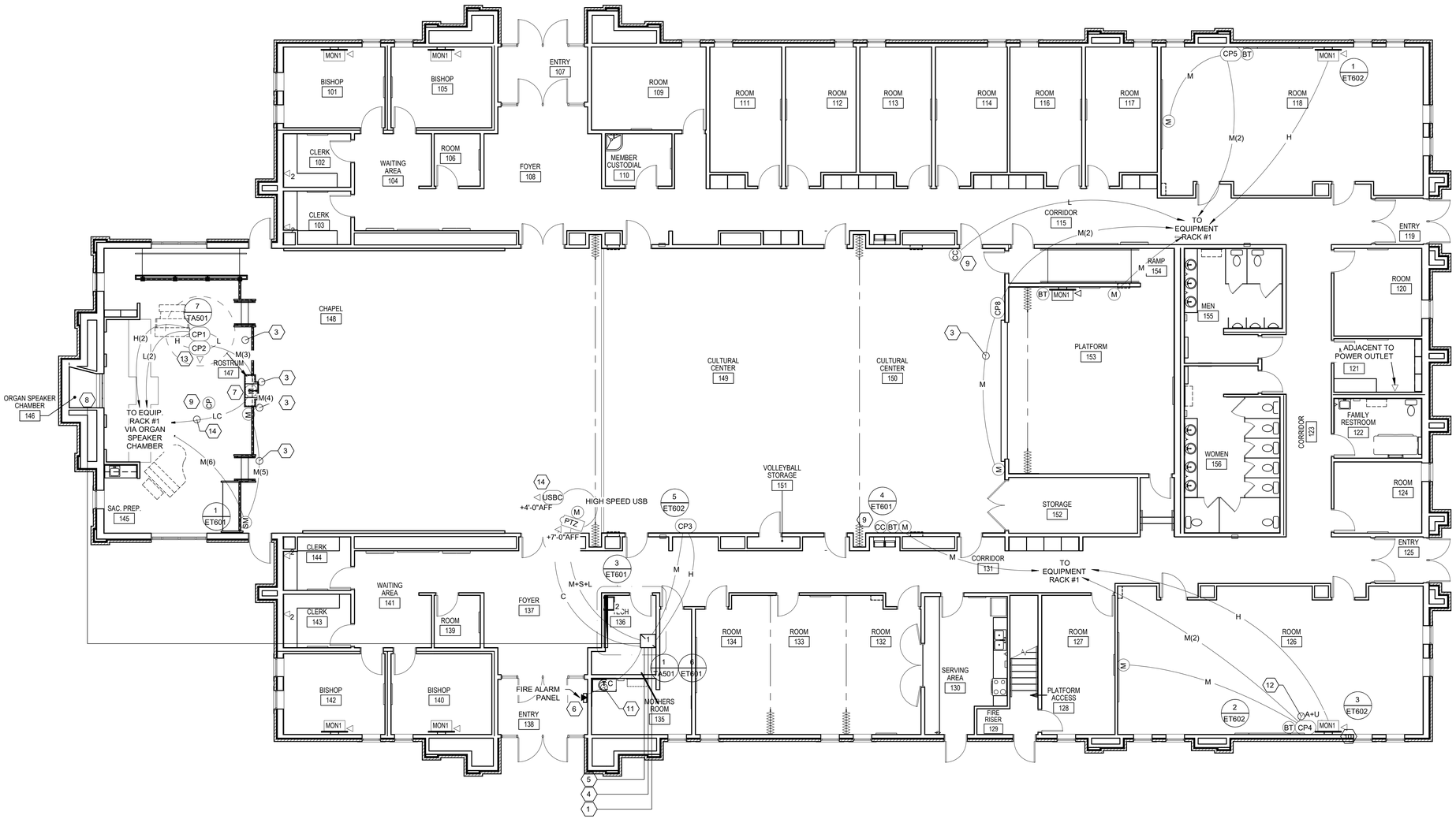
BREINHOLT

| Mark | Date (DAY) | Description |
|---|---|---|
| | | |

Project Number:
PCA-
Plan Series:
G-300-MH-11
Property Number:
501-0000-0000

Sheet Title:
FIRE ALARM PLAN & RISER DIAGRAM

Sheet:
FA101




1 MAIN FLOOR AV ROUGH-IN FLOOR PLAN
1/8" = 1'-0"

1 PROVIDE GROUNDING COMPONENTS AS SHOWN ON DETAIL 4/ET602.

2 UNUSED

## SHEET KEYNOTES

3 LOOP EXTRA CABLES THROUGH JUNCTION BOXES. DO NOT CUT.

4 INSTALL 4 EACH, 2.5" CONDUITS TO MECHANICAL PLATFORM WALKWAY. CONDUIT STUBS TO BE 4" ABOVE PLATFORM FLOOR NEXT TO WALL.

5 PROVIDE 1 EACH, 1.5" CONDUIT TO IRRIGATION CONTROLLER LOCATION WITH ONE 'D' TYPE CABLE AND DATA JACK.

6 PHONE CONNECTION TO FIRE ALARM PANEL.

7 SEE ARCHITECTURAL ROSTRUM MILLWORK DETAILS FOR ROUGH-IN AND MOUNTING OF PULPIT MICROPHONE.

8 PROVIDE 5 EACH 2" CONDUITS AND 1 EACH 1" CONDUIT FROM RACK #1 TO ORGAN SPEAKER CHAMBER. TERMINATE ALL ROSTRUM CONDUITS IN ORGAN CHAMBER.

9 SEE SHEET TT602 FOR CABLE TO CP, CC AND BT. INSTALL CONDUITS PER GENERAL NOTE #1, SHEET ET101.

10 INSTALL 'HBR2' IN LARGE J-BOX BEHIND 'MON2'. SECURE AND NEATLY DRESS CABLES SO MOUNT MAY FULLY ARTICULATE WITHOUT DAMAGING CABLING.

11 FIRE ALARM SOUND SYSTEM MUTE CONNECTION.

12 1.25" CONDUIT.

13 PROVIDE (2) 3-GANG BOXES, MOUNTED IN THE MILLWORK ON THE SIDE OF THE PULPIT. SEE DETAIL 7/TA501 FOR MOUNTING OF 'CP1', 'CP2' AND OTHER DEVICES IN PULPIT SIDE.

14 TO PULPIT MOTOR CONTROL.

15 CONNECT CAMERA USB OUTPUT TO USBC MODULE BELOW 4'AFF WITH HIGH SPEED USB CABLE. INSTAL IN TWO GANG BOX WITH NETWORK JACK.

## GENERAL SHEET NOTES

1. EACH VOICE AND DATA OUTLET SHALL HAVE A MINIMUM 1" CONDUIT FROM OUTLET TO EQUIPMENT RACK #2 OR EQUIPMENT PLATFORM WALKWAY. INSTALLER IS TO BE FAMILIAR WITH, AND COMPLY WITH THE ANSI/TIA/EIA/596-C STANDARDS. CONDUITS SHALL HAVE A TOTAL DISTANCE OF NO MORE THAN 230'-0". IF TOTAL BENDS ARE MORE THAN 180 DERREES, INCREASE CONDUIT SIZE ONE TRADE SIDE FOR EVERY ADDITIONAL 90 DEGREES. TYPICAL OF ALL LOCATIONS.
2. INSTALL EACH CABLE TYPE IN A SEPARATE CONDUIT.

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27-OCT-2026

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Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

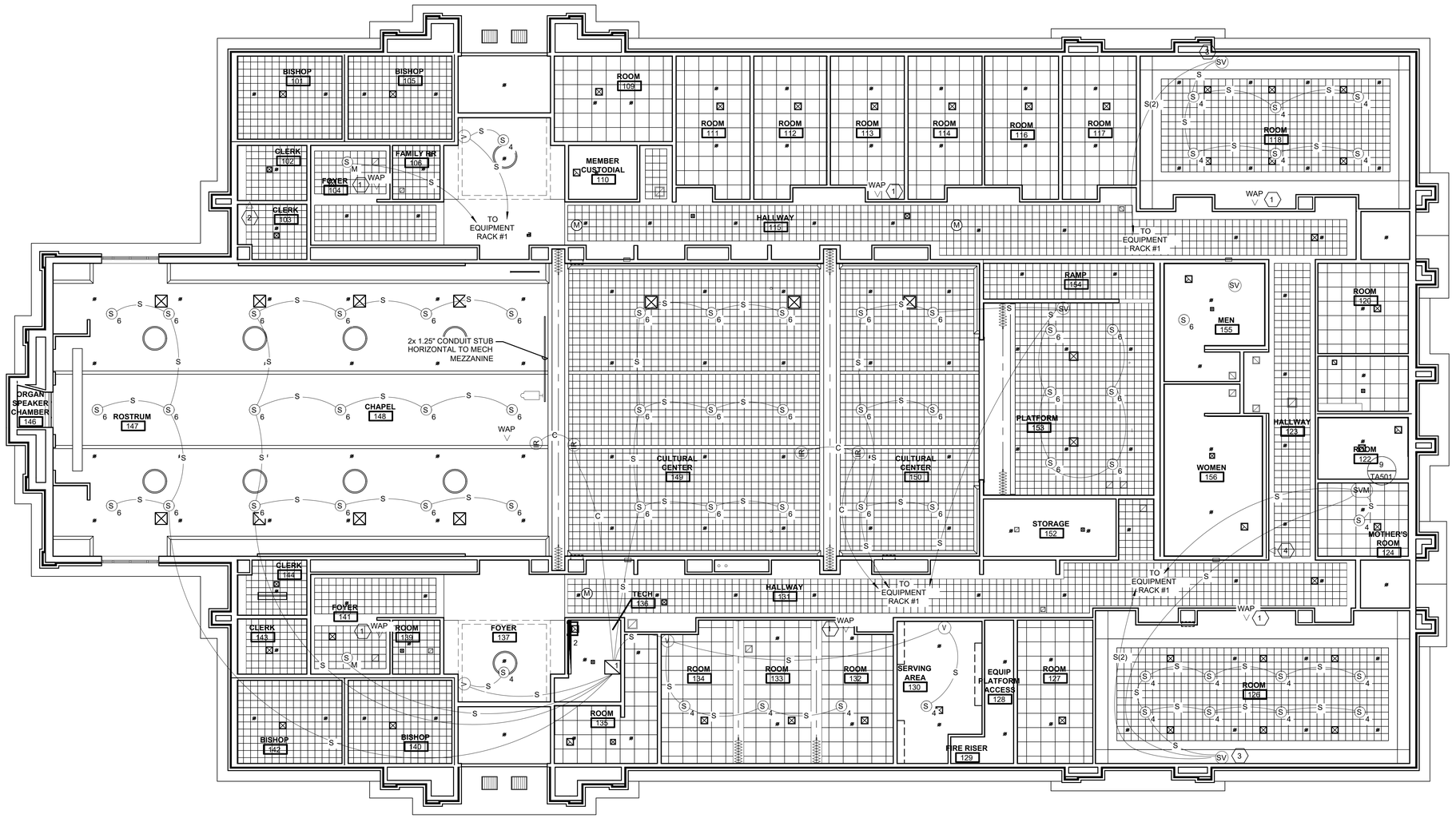
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
MAIN FLOOR AV ROUGH-IN FLOOR PLAN

Sheet:
ET101




2 MAIN FLOOR AV ROUGH-IN CEILING PLAN
1/8" = 1'-0"

## SHEET KEYNOTES

1 MOUNT DATA OUTLET FLUSH IN CEILING COORDINATE WITH DIVISION 27 1501 INSTALLER (TYPICAL).

2 MOUNT DATA OUTLET IN EQUIPMENT MEZZANINE ABOVE, NEXT TO MECHANICAL SYSTEM WEB INTERFACE. COORDINATE EXACT LOCATION WITH MECHANICAL INSTALLER.

3 ENSURE THE JUNCTION BOX FOR 'SV' IS NOT BEHIND DISPLAY BOARD.

4 MOUNT DATA OUTLET IN EQUIPMENT MEZZANINE ABOVE, NEXT TO LIGHTING CONTROLS. COORDINATE EXACT LOCATION WITH LIGHTING INSTALLER.

## GENERAL SHEET NOTES

1. MOUNT ALL LOUDSPEAKER BACKBOXES ON TILE BRIDGES IN SUSPENDED TILE CEILINGS. SECURE ALL BACKBOXES WITH SEISMIC RESTRAINT CABLE ACCORDING TO 5/ET601.
2. (DIC 26) VERIFY SUFFICIENT CLEARANCE FOR SPEAKER BACK CANS BEFORE CUTTING OPENINGS.

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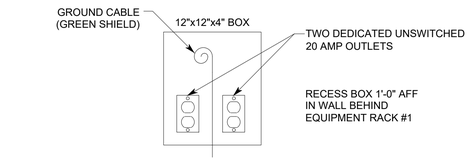
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

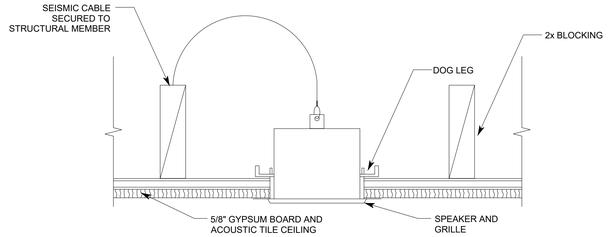
Sheet Title:
MAINFLOOR AV ROUGH-IN CEILING PLAN

Sheet:
ET102




## 6 AV POWER JUNCTION BOX

NO SCALE



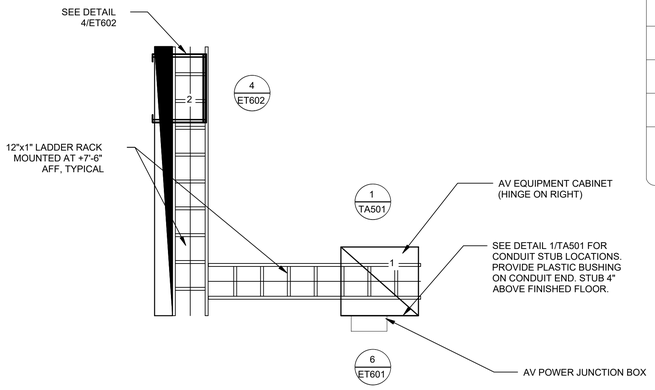

## 5 SPEAKER SEISMIC DETAIL

NO SCALE




## 4 CULTURAL CENTER CONTROLS JUNCTION BOX DETAIL

NO SCALE

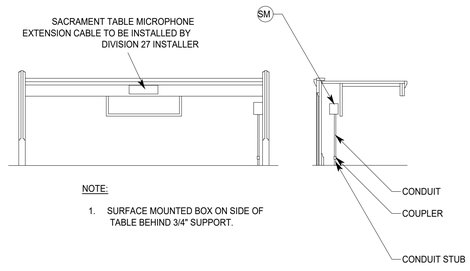



## 3 TECH ROOM 136 DETAIL

NO SCALE

## 2 NOT USED

NO SCALE




## 1 SACRAMENT TABLE MICROPHONE DETAIL

NO SCALE

SM

# ELECTRICAL SYSTEM EQUIPMENT LIST

| SYM | DESCRIPTION | QTY | NOTES |
|---|---|---|---|
| M | 2-1/8" DEEP, SINGLE GANG BOX W/ 5/8" PLASTER RING MOUNTED AT ELECTRICAL OUTLET HEIGHT, OR AS NOTED | OFP | |
| V | 3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, SINGLE GANG PLASTER RING MOUNTED AT ELECTRICAL SWITCH HEIGHT | OFP | |
| WAP | 2-1/8" DEEP, DOUBLE GANG BOX W/ 5/8" SINGLE GANG PLASTER RING, FLUSH MOUNTED IN CEILING | OFP | |
| 2 | 2-1/8" DEEP, DOUBLE GANG BOX MOUNTED AT ELECTRICAL OUTLET HEIGHT W/ 5/8" SINGLE GANG PLASTER RING | OFP | |
| | 2-1/8" DEEP, DOUBLE GANG BOX MOUNTED AT FIRE ALARM PANEL W/ 5/8" DEEP SINGLE GANG PLASTER RING, OR AS NOTED | OFP | COORDINATE EXACT LOCATION WITH FIRE ALARM INSTALLER |
| SVM | 3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, DOUBLE GANG PLASTER RING MOUNTED AT ELECTRICAL SWITCH HEIGHT | OFP | SEE DETAIL 9/TA501 |
| SV | 3-1/4" DEEP, 4-11/16" SQUARE BOX W/ 5/8" DEEP, DOUBLE GANG PLASTER RING MOUNTED AT ELECTRICAL SWITCH HEIGHT | OFP | SEE DETAIL 8/TA501 |
| CC | 3-1/2" DEEP, SINGLE GANG MASONRY BOX ORIENTED W/ LONG DIMENSION HORIZONTAL AS SHOWN IN WALL AT +5'-0" ABOVE FINISHED FLOOR | 1 | SEE DETAIL 4/ET601 AND 5/ET602 |
| SM | 2-1/8" DEEP, SINGLE GANG BOX SURFACE MOUNTED | 1 | SEE DETAIL 1/ET601<br>COORDINATE WITH MILLWORK DETAILS ON ARCHITECTURAL SHEETS |
| CP | CONTROL PEDESTAL, STUB CONDUITS THROUGH FLOOR | 1 | COORDINATE WITH MILLWORK DETAILS ON ARCHITECTURAL SHEETS |
| CP1<br>CP2 | 2-1/8" DEEP, TRIPLE GANG BOX, MOUNTED ON PULPIT SIDE | OFP | SEE DETAIL 7/TA501<br>COORDINATE WITH MILLWORK DETAILS ON ARCHITECTURAL SHEETS |
| CP3 | MIN 3" DEEP DOUBLE GANG STEEL BOX, W/ 3/4" DEEP MUD RING, MOUNTED AT ELECTRICAL OUTLET HEIGHT | OFP | SEE DETAILS 1/ET602, 2/ET602, 5/ET602 AND 4/TA501, 5/TA501, 6/TA501 |
| CP4<br>CP5 | MIN 3" DEEP DOUBLE GANG STEEL BOX, W/ 3/4" DEEP MUD RING, MOUNTED AT ELECTRICAL OUTLET HEIGHT | OFP | SEE DETAILS 1/ET602, 2/ET602, 5/ET602 AND 4/TA501, 5/TA501, 6/TA501 |
| MON1 | LARGE CAPACITY JUNCTION BOX, INCLUDING FLANGE KIT AND COVER, MOUNTED IN WALL AT +8'-0" AFF ABOVE FINISHED FLOOR | OFP | CHIEF PAC 525FCW, SEE DETAIL 3/ET602 |
| 1 | AV EQUIPMENT CABINET W/ 12"x12"x4" METAL JUNCTION BOX RECESSED IN WALL | OFP | CABINET FURNISHED AND INSTALLED BY AV INSTALLER, SEE DETAILS 3/ET601, 6/ET601, 1/TA501 |
| 2 | DATA EQUIPMENT RACK, SWING FRAME | OFP | FURNISHED AND INSTALLED BY DIVISION 27, SEE DETAILS 3/ET601, 4/ET602, AND 5/TT601 |
| S4 | SPEAKER MOUNTING RING | OFP | FURNISHED BY DIVISION 27, INSTALLED BY DIVISION 26, SEE DETAIL 5/ET601 |
| SM | SPEAKER ENCLOSURE | OFP | FURNISHED BY DIVISION 27, INSTALLED BY DIVISION 26, SEE DETAIL 5/ET601 |
| S6 | SPEAKER MOUNTING RING | OFP | FURNISHED BY DIVISION 27, INSTALLED BY DIVISION 26, SEE DETAIL 5/ET601 |
| | WALL FIELD, PRE-TREATED PAINTED 0.75" PLYWOOD | OFP | FURNISHED AND INSTALLED BY DIVISION 26. SEE DETAILS 3/ET601 AND 4/ET602 |

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS
A/R = AS REQUIRED, OFP = OBTAIN FROM PLANS

# GENERAL PROJECT NOTES

1. NO CHANGES SHALL BE MADE WITHOUT THE PROJECT AV/STRUCTURED CABLING CONSULTANT'S WRITTEN CONSENT.
2. REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT LIST.
3. PROVIDE CONDUIT FOR ALL LOW VOLTAGE CABLES SHOWN ON ET SHEETS AS FOLLOWS:
   - 3.1. PROVIDE CONDUIT FOR H,C,D,U,A AND S CABLES FROM DEVICE TO MECHANICAL EQUIPMENT PLATFORM ABOVE TECHNOLOGY ROOM 136. CABLES MAY THEN RUN EXPOSED AND STUB DOWN TO LADDER RACK. PROTECT EXPOSED CABLING ACCORDING TO DIVISION 27. ALLOW NO OTHER CABLE TO ATTACH TO TECHNOLOGY CABLES.
   - 3.2. PROVIDE CONDUITS FOR ALL ROSTRUM DEVICES TO ORGAN CHAMBER AND UNDER SLAB CONDUIT FROM ORGAN CHAMBER TO EQUIPMENT RACKS.
   - 3.3. PROVIDE CONDUIT UNDER SLAB FOR ALL "M", "B", AND "L" CABLES FROM DEVICE TO TECHNOLOGY ROOM EQUIPMENT RACK.
   - 3.4. ALL CABLING IN WALLS SHALL BE IN CONDUIT.
   - 3.5. SIZE CONDUIT AS NOTED OR ACCORDING TO CODE WHICHEVER IS GREATER WITH 0.75" MINIMUM.
   - 3.6. INSTALL DIFFERENT CABLE TYPES IN SEPARATE CONDUITS UNLESS NOTED OTHERWISE. SEPARATE CABLE TYPES OUTSIDE OF CONDUIT BY 12" MINIMUM
   - 3.7. ALL CONDUITS WITH OR WITHOUT CABLES SHALL HAVE A PULL STRING.
   - 3.8. LABEL ALL CONDUITS WITH DESTINATION.
   - 3.9. DEBUR ALL CONDUIT STUBS AND FIT WITH PLASTIC BUSHING
   - 3.10. RACEWAY SHALL BE FURNISHED AND INSTALLED BY DIVISION 26. CABLING IS FURNISHED AND INSTALLED BY DIVISION 27. RACEWAY, CABLING, AND TERMINATIONS SHALL BE ACCORDING TO 27 1501.
4. DIVISION 26 INSTALLER IS TO PROVIDE ALL ROUGH-IN INDICATED FOR DIVISION 27 INSTALLER. ALL ROUGH-IN SHALL COMPLY WITH ANSI/TIA/EIA 569-B STANDARDS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE LIMITATION OF (2) 90° BEND FOR CONDUIT. IT IS THE DIVISION 26 INSTALLERS RESPONSIBILITY TO ENSURE COMPLIANCE WITH STANDARD.
5. REFER TO A400 SERIES SHEETS FOR ADDITIONAL INFORMATION ON ROUGH-IN. SEE "A" SHEETS FOR MOUNTING DETAILS IN MILLWORK.
6. SPEAKER TRIM RINGS ARE FURNISHED BY DIVISION 27 AND INSTALLED BY DIVISION 26.
7. "ET" SHEETS SHOW WORK AND MATERIALS BY DIVISION 26 AND DIVISION 27. SEE SPECIFICATIONS AND DRAWING NOTES FOR RESPONSIBILITY FOR EACH ITEM.
8. PROVIDE GROUNDING AS SHOWN ON DRAWINGS AND IN COMPLIANCE WITH CODE AND ANSI/TIA/EIA 569-B.
9. DIVISION 26 SHALL FURNISH AND INSTALL SEISMIC RESTRAINT CABLE TO ALL SPEAKER BACK BOXES. DIVISION 27 SHALL ATTACH SEISMIC RESTRAINT CABLE TO SPEAKERS.


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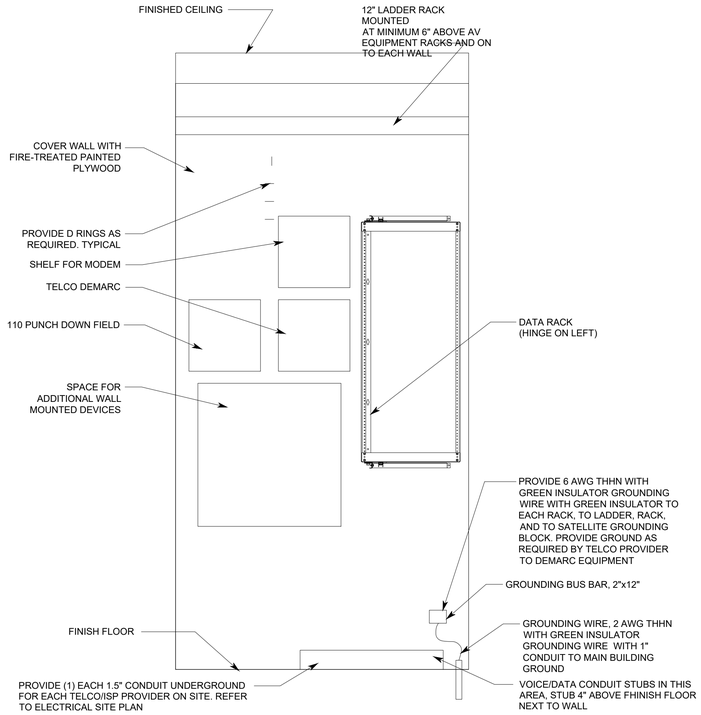
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| Mark | Date | Description |
|---|---|---|
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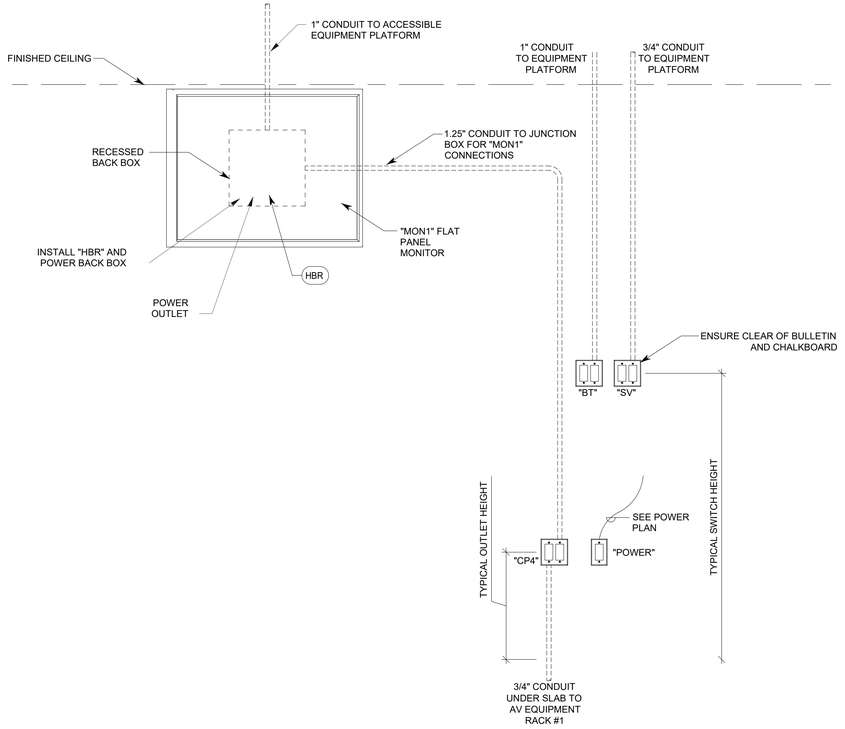
Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
AV ROUGH-IN SCHEDULES, NOTES, DETAILS, AND DIAGRAM

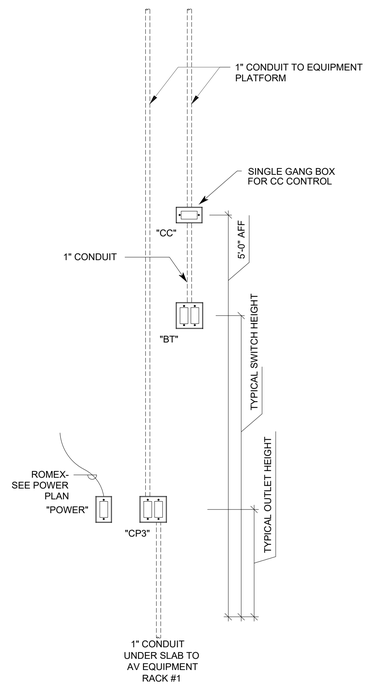
Sheet:
ET601



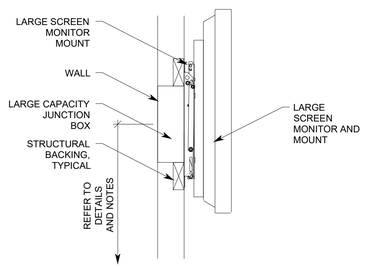

4 TECH 136 WALL ELEVATION
NO SCALE




2 RELIEF SOCIETY WALL ELEVATION DETAIL
NO SCALE

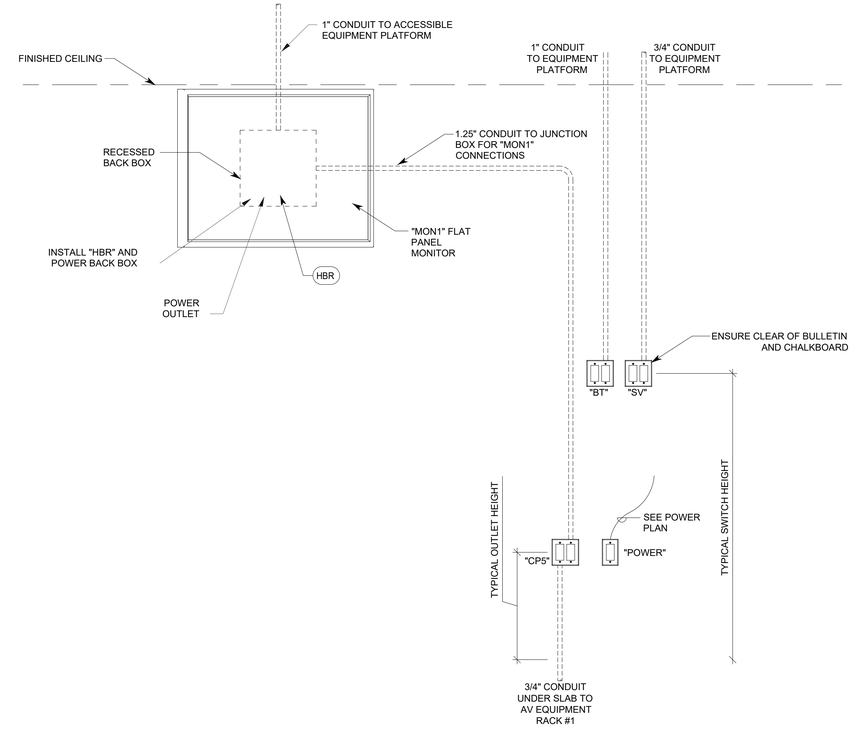



5 CULTURAL CENTER CC, BT AND CP3 DETAIL
NO SCALE




3 WALL MOUNTED FLAT PANEL DETAIL
NO SCALE

MON1




1 CHILDREN'S MEETING ROOM WALL ELEVATION DETAIL
NO SCALE

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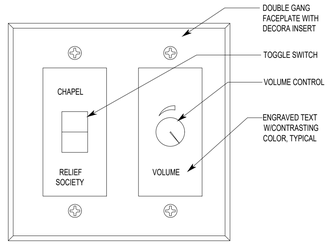
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
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Sheet Title:
AV ROUGH-IN DETAILS

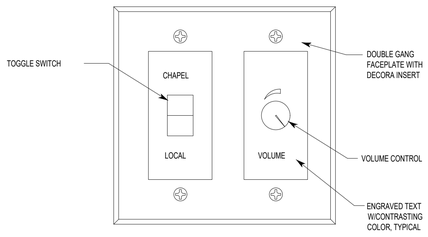
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ET602




## 9 MOTHERS ROOM CONTROLLER

NO SCALE

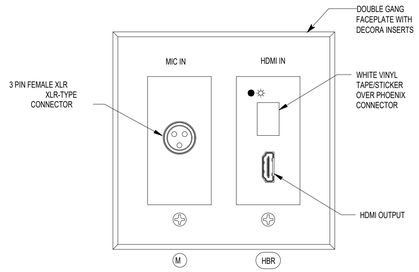
SVM




## 8 SOURCE/VOLUME CONTROL

NO SCALE

SV




## 6 OVERFLOW AUDIO-VIDEO PLATE CONNECTION PANEL #3

NO SCALE

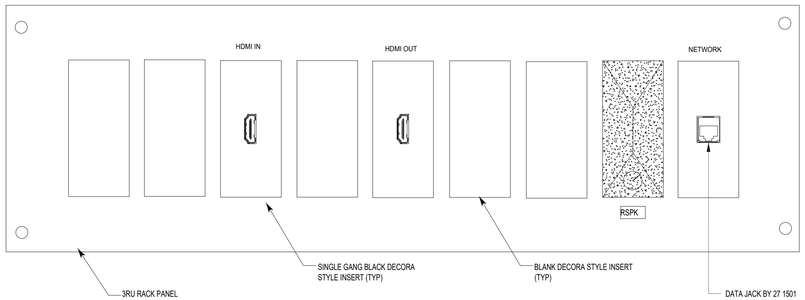
CP3




## 3 HELP DESK PANEL

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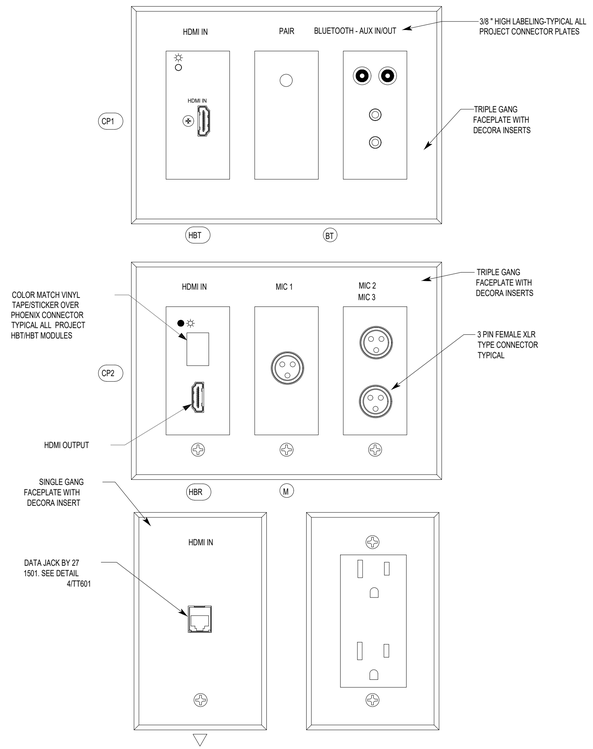
HDP




## 2 CONNECTION PANEL #10

NO SCALE

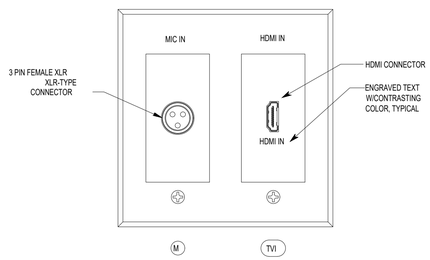
CP10




## 7 PULPIT CONNECTION DETAILS

NO SCALE

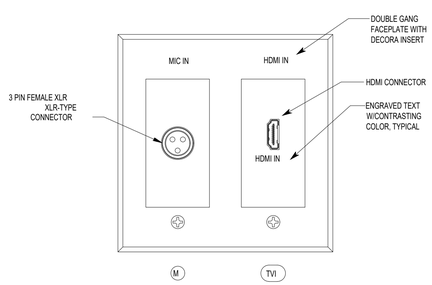
CP1 CP2




## 5 CONNECTION PANEL #5

NO SCALE

CP5




## 4 CONNECTION PANEL #4

NO SCALE

CP4




## 1 EQUIPMENT RACK ELEVATION AND DETAILS

NO SCALE

1

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LONG VALLEY GRANGER 300 MEETINGHOUSE
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Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

Sheet Title:
AV SYSTEMS DETAILS

Sheet:
TA501

# AUDIO-VIDEO SYSTEM EQUIPMENT LIST

| SYM | DESCRIPTION | QTY | ACCEPTABLE TYPES |
|---|---|---|---|
| | 12" LADDER RACK W/ WALL AND RACK ATTACHMENTS | A/R | CHATSWORTH 10250-712<br>MIDDLE ATLANTIC CLB-6 |
| HBDA | HDBASET DISTRIBUTION AMPLIFIER, 4 PORT | OFP | EXTRON DTP HD DA4 4K 330 |
| VS | HDMI SWITCHER, 4x1, AUTO | OFP | EXTRON SW4 HD 4K PLUS |
| | RACK SHELF | OFP | EXTRON RSU 126 |
| HBR2 | HD BASE T RACK RECEIVER | OFP | EXTRON DTP2 R 211 |
| | RACK SHELF | 1 | EXTRON RSU 126 |
| CP | CHAPEL CONTROL PEDESTAL PLATE | OFP | QSC TSC-50-GW3 W/ 3-GANG 1/16" METAL BLACK ANODIZED MOUNTING PLATE |
| CC | CULTURAL CENTER REMOTE CONTROL | OFP | QSC TSC-50-GW3 WITH FSR WB-PSTSC |
| BT | BLUETOOTH RECEIVER AND LINE LEVEL IN/OUT CONNECTION | OFP | RDL DD-BTN44 |
| NS | OWNER STANDARD NETWORK SWITCH | OFP | VERIFY CURRENT MODEL PRIOR TO ORDERING<br>SEE DETAIL TT601 |
| FW | OWNER STANDARD FIREWALL | OFP | VERIFY CURRENT MODEL PRIOR TO ORDERING<br>SEE DETAIL TT601 |
| 2<br>WAP | DATA OUTLET- FURNISHED AND INSTALLED BY STRUCTURED CABLING CONTRACTOR | OFP | SEE DETAIL TT602 |
| | VOICE OUTLET- FURNISHED AND INSTALLED BY STRUCTURED CABLING CONTRACTOR | OFP | SEE DETAIL TT602 |
| DPP | DATA PATCH PANEL - FURNISHED AND INSTALLED BY STRUCTURED CABLING CONTRACTOR | OFP | SEE DETAIL TT602 |
| MON | FLAT SCREEN TV, 19", FRONT PANEL CONTROLS ACCESSIBLE FROM FRONT | OFP | TOTEVISION LED 1562 HDR<br>OR APPROVED EQUIVALENT |
| HDA | HDMI DISTRIBUTION AMPLIFIER, 1x2 | OFP | EXTRON DA2 HD 4K |
| PTZ | PAN TILT ZOOM CAMERA | OFP | CLEAR TOUCH RL500 |
| S2H | SDI TO HDMI CONVERTER | OFP | DECIMATOR MD-LX SDI |
| HAE | AUDIO EXTRACTOR | OFP | EXTRON HAE1004K |
| L | LOUDSPEAKER SWITCH | OFP | EMTECH MSC-L<br>RCI EQUIVALENT |
| SV | SOURCE AND VOLUME CONTROL | OFP | EMTECH MSC-S W/ EMTECH MSC-V50<br>RCI EQUIVALENT |
| S 4 | 4" LOUDSPEAKER<br>LOUDSPEAKER GRILLE<br>LOUDSPEAKER ENCLOSURE | OFP | COMMUNITY D4 W/D4NCB<br>JBL CONTROL 14C/T W/ MTC-24NC<br>LOWELL ES-42T W/ ES-4-RIB |
| S M | 4" LOUDSPEAKER | OFP | ATLAS SOUND FC104T72<br>LOWELL JR410-T470<br>ELECTRO-VOICE 205-4T |
| | LOUDSPEAKER GRILLE | OFP | ATLAS SOUND T720-4BT<br>LOWELL CN-4M |
| | LOUDSPEAKER ENCLOSURE | OFP | ATLAS SOUND E410-11 |
| S 6 | 6" LOUDSPEAKER<br>LOUDSPEAKER GRILLE<br>LOUDSPEAKER ENCLOSURE | OFP | COMMUNITY D6 W/D6NCB<br>JBL CONTROL 16C/T W/ MTC-26NC<br>LOWELL ES-62T W/ ES-6-RIB |
| MON1 | FLAT SCREEN TV<br>75" IN CLASSROOMS, 50" IN BISHOPS OFFICES<br>WITH CUSTOM CHURCH FIRMWARE | OFP | LG HOSPITALITY SERIES - VERIFY CURRENT MODEL<br>PRIOR TO ORDERING |
| | FLAT PANEL WALL MOUNT | OFP | PEERLESS AV HPF650, |
| | HD BASE T RECEIVER, FURNITURE MOUNT | OFP | EXTRON DTP HDMI 4K 330 RX |
| CP1 | HDMI HD BASE T WALL TRANSMITTER | OFP | EXTRON DTP2 T 201D |
| | MICROPHONE INPUT MODULE | OFP | RCI LDS002-MF-X (X=COLOR)<br>RDL EQUIVALENT |
| | SOUND SYSTEM LINE LEVEL INPUT | OFP | RDL D-CIJ3D CONSUMER INPUT<br>MODULE W/TRANSFORMER |
| CP2 | HDMI HD BASE T WALL RECEIVER | OFP | EXTRON DTP R HWP 4K 331 D |
| | MICROPHONE INPUT MODULE | OFP | RCI LDS002-MF-X (X=COLOR)<br>RDL EQUIVALENT |
| CP3 | CONNECTION PANEL #3 | OFP | RCI LDS002-MF-X (X=COLOR) RDL EQUIVALENT<br>EXTRON DTP R HWP 4K 331 D<br>DOUBLE GANG DECORA SURROUND<br>SEE DETAIL 6/TA501 |
| CP4 | CONNECTION PANEL #4 | OFP | RCI LDS002-MF-X (X=COLOR) RDL EQUIVALENT<br>HDMI JACK<br>TRIPLE GANG DECORA SURROUND<br>HDMI HIGHSPEED CABLE<br>SEE DETAIL 4/TA501 |
| CP5 | CONNECTION PANEL #5 | OFP | RCI LDS002-MF-X (X=COLOR) RDL EQUIVALENT<br>HDMI JACK<br>TRIPLE GANG DECORA SURROUND<br>HDMI HIGHSPEED CABLE<br>SEE DETAIL 5/TA501 |

| SYM | DESCRIPTION | QTY | ACCEPTABLE TYPES |
|---|---|---|---|
| | HIGH IMPACT NYLON COVER PLATES FOR ALL DECORA STYLE AV MODULES, NUMBER OF GANGS AS REQUIRED. COLORS TO MATCH NEARBY ELECTRICAL DEVICES | OFP | HUBBELL OR LEVITON |
| M<br>SM | MICROPHONE INPUT MODULE | OFP | RCI LDS002-MF-X (X=COLOR) RDL EQUIVALENT<br>FOR 'SM', SEE DETAILS 1/ET601 AND E.F/A411 |
| | 50'-0" MICROPHONE EXTENSION CABLES W/ BLACK CONNECTORS | 1 | CONQUEST B84-50<br>WHIRLWIND MK450 |
| | 25'-0" MICROPHONE EXTENSION CABLES W/ BLACK CONNECTORS | 2 | CONQUEST B84-25<br>WHIRLWIND MK425 |
| | MICROPHONE, 2 FOR GENERAL USE, 1 EACH FOR RS AND ELDERS ROOMS | 4 | AUDIO-TECHNICA ATM610AS<br>AKG D5-S |
| | MICROPHONE, CHAPEL PULPIT | 1 | AUDIO-TECHNICA ES905CLA |
| | MICROPHONE, SACRAMENT TABLE | 1 | IVIE IM-10 - DO NOT SUBSTITUTE |
| | GOOSENECK. INSTALL FEMALE XLR ON PULPIT TOP WIRED TO MALE XLR IN WIREMOLD BOX INSIDE RS, PRIMARY, AND ELDERS LECTERNS | 3 | K&M 23035 W/ CABLE, JUNCTION BOX, AND RCI LDS0002-RCI-PMJ |
| | 10'-0" MICROPHONE EXTENSION CABLE W/ BLACK CONNECTORS | 2 | CONQUEST B84-10<br>WHIRLWIND MK410 |
| | 15'-0" MICROPHONE EXTENSION CABLE W/ BLACK RIGHT ANGLE CONNECTORS FOR PRIMARY, RS, ELDERS ROOM | 3 | CONQUEST B84-15<br>WHIRLWIND MK415 |
| | 8'-0" PEDESTRIAN STRIP | 2 | TECHFLEX DRN 3.00BK |
| | MICROPHONE STAND, FLOOR TYPE | 1 | ATLAS SOUND MS-20E W/PB21 XEB<br>KONIG AND MEYER 210/9 |
| ALS | ASSISTED LISTENING SYSTEM, WIFI W/ 8 RECEIVERS | 1 | LISTEN MH-02-01 |
| V | VOLUME CONTROL MODULE | OFP | EMTECH MSC-V10 OR V35 AS APPROPRIATE FOR SPEAKER LOAD<br>RCI LDS002-MSCV-35 |
| SVM | SOURCE AND VOLUME CONTROL | OFP | EMTECH MSC-S WITH EMTECH MSC-V10 WITH SPECIAL LABELING ACCORDING TO DETAIL 9/TA501 |
| | INSTALLED HDMI INTERCONNECT CABLE, 3' | A/R | HDMI HIGH SPEED |
| | INSTALLED HDMI INTERCONNECT CABLE, 6' | A/R | |
| | HDMI CABLE, 15 FEET, FOR OWNER | 2 | |
| | HDMI CABLE, 50 FEET, FOR OWNER | 1 | |
| 1 | AV EQUIPMENT CABINET, FLOOR/ WALL MOUNT W/ FRONT DOOR | OFP | MIDDLE ATLANTIC SR-40-28 W/ VFD-40 |
| | DRAWER | 1 | MIDDLE ATLANTIC UD3<br>ATLAS SOUND SD3-14 |
| | SHELF | 1 | MIDDLE ATLANTIC SS<br>LOWELL RSD-116 |
| 2 | DATA RACK, SWING FRAME | OFP | SEE VOICE-DATA EQUIPMENT LIST, SHEET TT601 |
| ADSP | AUDIO MIXER, DIGITAL SIGNAL PROCESSOR W/ POWER SUPPLY, I/O MODULES, RELAYS, AND ACCESSORIES AS REQUIRED. | OFP | QSC CORE 110F V2<br>W/ UCI & SCRIPTING LICENSES |
| | | A/R | QSC QIO-ML2X2 |
| QIF | QSC PERIPHERAL INTERFACE | OFP | EMTECH QIF V2 |
| IOE | GPIO EXPANSION | 1 | QSC Q70-GP8X8 |
| | RACK SHELF | A/R | EXTRON RSU 126 |
| | SECURITY COVER | A/R | MIDDLE ATLANTIC SECS-1 W/<br>HTX SCREWS, OR EQUIVALENT |
| AE | AUDIO EXPANSION | 1 | QSC QIO-ML2X2 |
| PA | POWER AMPLIFIERS PA1-PA8<br>(4 x 200 WATT)<br>(8 x 200 WATT) | 2<br>OR<br>1 | QSC MPA40V<br>QSC MPA80V |
| HDP | HELP DESK PANEL, 1 RU | 1 | CUSTOM LABELING, SEE DETAIL 3/TA501 |
| STS | STANDARD TERMINAL STRIP | OFP | |
| IT | ISOLATION TRANSFORMER | A/R | RDL TX-1A<br>PRO CO LOT-1 |
| TVSSE | SURGE SUPPRESSOR AND SWITCHER IP ENABLED W/ UL LISTED PLUG STRIP<br>PROVIDE FOR EQUIPMENT RACK #1 AND #2 | OFP | SURGEX SX-AX20E<br>MIDDLE ATLANTIC<br>RLNK P920R-SP W/ RLNK-CONT, RLNK-TEMP |
| | POWER STRIP, UL LISTED | A/R | 6 OUTLET POWER STRIP OR EQUAL |
| | TVSS/ADSP RELAY INTERFACE | A/R | 24 VDC RELAY, POWER SUPPLY AND BASE |
| TVSS | NON SEQUENCING SURGE SUPPRESSOR | OFP | MIDDLE ATLANTIC PD 915R-SP |
| CP10 | CONNECTION PANEL #10 | OFP | LOWELL D9P-ID-3 OR AS APPROVED<br>CUSTOM HDMI INPUT<br>CUSTOM HDMI OUTPUT<br>*CUSTOM DEVICES MUST BE FABRICATED ON METAL DECORA INSERTS AS SHOWN ON 2/TA501 |
| | WIRELESS MICROPHONE SYSTEM WITH HANDHELD MICS | OFP | AUDIO-TECHNICA SYSTEM 10 |
| RSPK | RACK MONITOR SPEAKER, DECORA | OFP | RDL D-PSP1/PS-24AS |

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS
A/R = AS REQUIRED, OFP = OBTAIN FROM PLANS OFCI = OWNER FURNISHED AND CONTRACTOR INSTALLED

## GENERAL PROJECT NOTES

1. NO CHANGES SHALL BE MADE WITHOUT THE PROJECT ACOUSTICAL AND TECHNOLOGY CONSULTANT'S WRITTEN CONSENT.
2. REFER TO DRAWINGS FOR EXACT NUMBER OF COMPONENTS USED IF NOT SPECIFIED IN EQUIPMENT LIST. IF DISCREPANCIES BETWEEN SHEETS, SUPPLY THE GREATER NUMBER OR THE MOST EXPENSIVE ITEM.
3. SEE 'ET' SHEETS FOR DEVICE LOCATIONS AND COORDINATION.
4. SEE SHEET TT601 FOR ADDITIONAL COORDINATION.
5. SECURE ALL LOUDSPEAKER ASSEMBLIES WITH SEISMIC RESTRAINTS. MOUNT ALL LOUDSPEAKER ASSEMBLIES IN SUSPENDED TILE CEILINGS ON TILE BRIDGES EVEN IF NOT SHOWN IN EQUIPMENT LIST.

## GENERAL SHEET NOTES

1. CONNECT CHAPEL AND ROSTRUM SPEAKERS TOGETHER AT TERMINAL STRIP IN RACK. DISCONNECT CHAPEL SPEAKERS FOR FOLDING PARTITION TESTING.
2. UNLESS OTHERWISE NOTED, MODULES SHALL BE PURCHASED FROM MANUFACTURER LISTED, CUSTOM MADE, OR EQUIVALENT APPROVED BY CONSULTANT. COLOR OF INSERTS AND COVER PLATES SHALL MATCH ELECTRICAL DEVICES.
3. 'TVSSE' DEVICES CAN PROVIDE EMAIL NOTIFICATION WHEN POWER AND TEMPERATURE THRESHOLDS ARE EXCEEDED. SET EMAIL NOTIFICATIONS TO BE SENT TO FM PROVIDED EMAILS ADDRESS WHEN MANUFACTURE RECOMMENDED POWER AND TEMPERATURE LIMITS ARE EXCEEDED.
4. FURNISH SPEAKER ENCLOSURES AND TRIM RINGS TO DIVISION 26 INSTALLER FOR INSTALLATION.
5. REFER TO A SHEETS FOR COORDINATION OF ITEMS MOUNTED IN WOOD MILLWORK.
6. EQUIVALENT DEVI CES BY RCI OR RDL MAY BE SUBSTITUTED FOR SPECIFIED EMTECH DEVICES.

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Project Name:
LONG VALLEY
GRANGER 300
MEETINGHOUSE
WASHINGTON, UT 84780

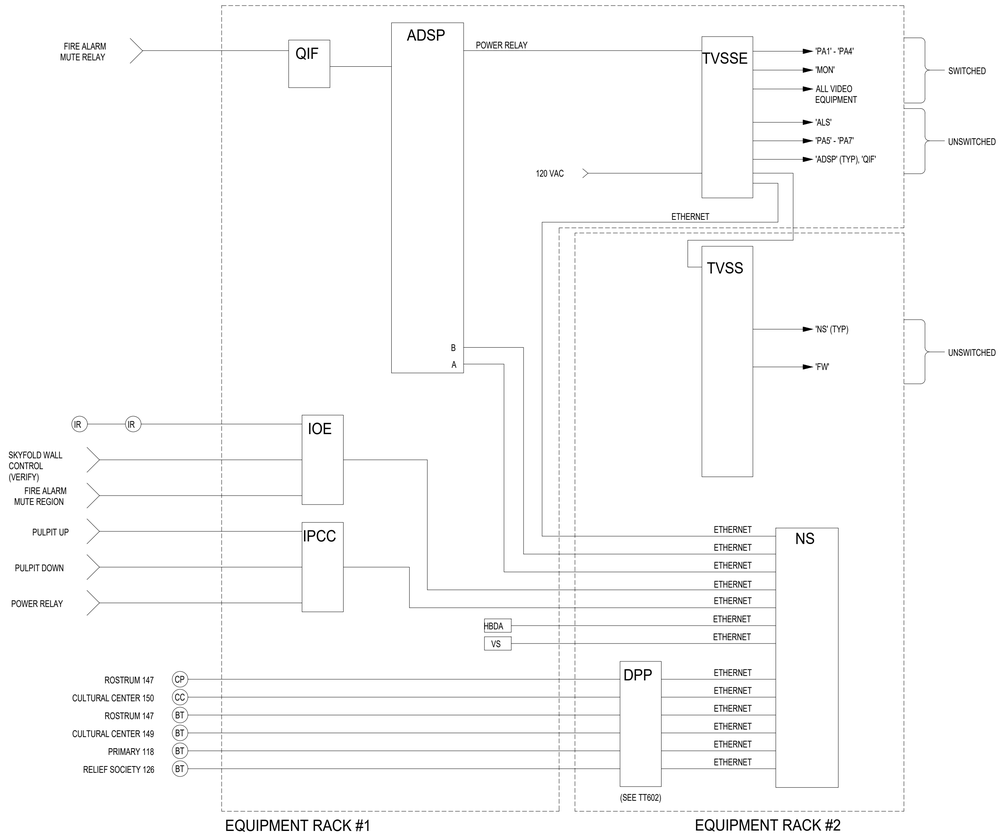
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number:
PCA-2610
Plan Series:
G-300-MH-11
Property Number:
501-8721-26010101

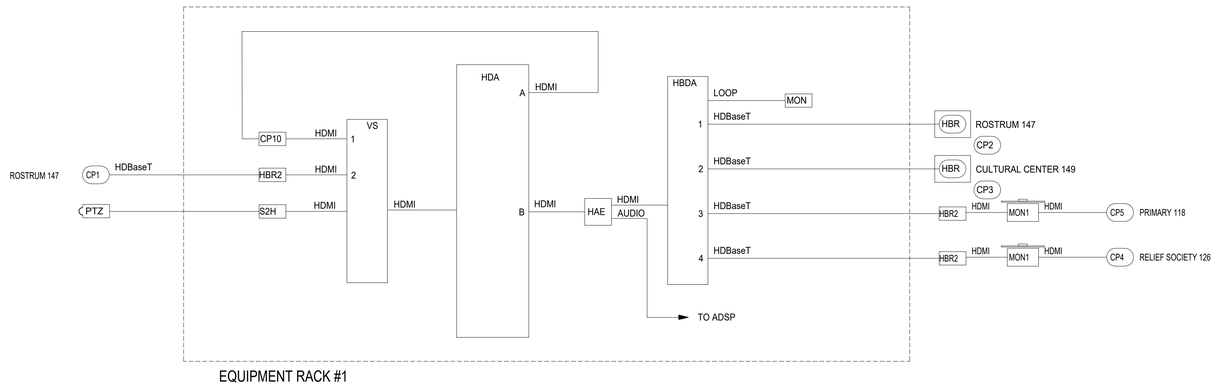
Sheet Title:
AV SYSTEMS
SCHEDULES
AND NOTES

Sheet:
TA601




## 2 CONTROL/LOGIC RISER DIAGRAM

NO SCALE




EQUIPMENT RACK #1

## 1 VIDEO SYSTEM RISER DIAGRAM

NO SCALE

# GENERAL SHEET NOTES

1. WHERE MULTIPLE DEVICES ARE SHOWN ON A SINGLE "TVSSE" OUTLET, PROVIDE PLUG STRIPS AS REQUIRED.
2. QSC CONTROLLER MUST BE CONNECTED TO POE PORT.
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 ASSIGNMENT.
7. CONFIGURE NETWORK SWITCH FOR PROPER NETWORK ZONES. NETWORK PORTS CONNECTED TO CONVENIENCE OUTLETS AND QSC DEVICE B PORTS SHALL BE CONFIGURED FOR PUBLIC ACCESS. ALL OTHER AV AND FACILITIES DEVICES SHALL BE CONNECTED TO PORTS CONFIGURED FOR FACILITIES ZONE ACCESS.
8. THE SKYFOLD WALL CONTROL MODULE IS EQUIPPED WITH DRY CONTACTS WHICH IDENTIFY WHEN THE DOOR IS "UP" OR "DOWN". WHEN THE WALL IS AT LOWER LIMIT, PINS 1+2 CLOSE; WHEN THE WALL IS AT UPPER LIMIT, PINS 3+4 CLOSE. PROGRAM ADSP SO THAT WHEN PINS 1+2 CLOSE, CULTURAL CENTER AUDIO IS SEPARATED FROM CHAPEL AND WHEN PIN 3+4 CLOSE, CHAPEL AUDIO OVERFLOWS INTO CULTURAL CENTER.
9. CONFIGURE RLNK TO PROVIDE 2 LEVELS OF POWER RESET. LEVEL 1 SHALL TURN OFF ALL "SWITCHED DEVICES". LEVEL 2 SHALL BE TRIGGERED AT 3AM, AND INCLUDE AMPLIFIER. IN ADDITION TO LEVEL 1 DEVICES USE IP TRIGGERS.

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Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
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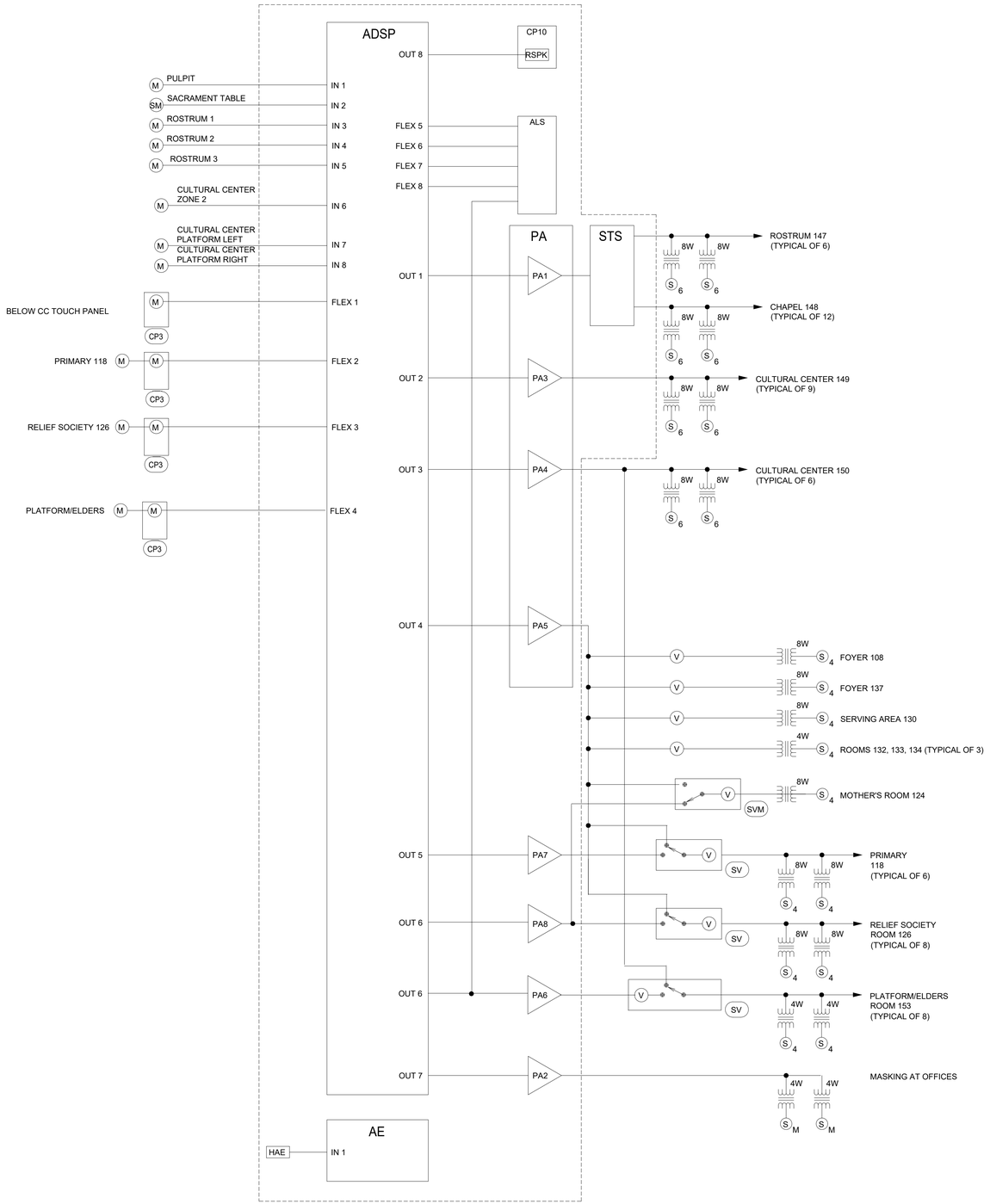
Project Number:
PA-2610
Plan Series:
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Property Number:
501-8721-26010101

Sheet Title:
AV SYSTEMS DIAGRAMS

Sheet:
TA602

# 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. ASSIGNMENTS.




1 AUDIO SYSTEM RISER DIAGRAM
NO SCALE

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Project Number: PCA-2610
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Property Number: 501-8721-26010101

Sheet Title:
AV SYSTEMS DIAGRAMS

Sheet:
TA603

# VOICE-DATA SYSTEM EQUIPMENT/CABLE LIST

THE FOLLOWING IS A PARTIAL LIST OF MATERIALS FOR THE DATA/PHONE SYSTEM. REFER TO SPECIFICATION 27 1501 FOR FULL REQUIREMENTS. VERIFY ALL PART NUMBERS WITH MANUFACTURER'S CATALOG NUMBERS AND NOTIFY CONSULTANT OF DISCREPANCIES PRIOR TO BIDDING. FURNISH MISCELLANEOUS HARDWARE NOT LISTED TO PROVIDE A COMPLETE SYSTEM.

| SYM | DESCRIPTION | ACCEPTABLE TYPES |
|---|---|---|
| TELCO DEMARC | TELECOMMUNICATIONS PROVIDER DEMARCATION POINT | FURNISHED AND INSTALLED BY PROVIDER |
| ISP DEMARC | INTERNET SERVICE PROVIDER DEMARCATION POINT | FURNISHED AND INSTALLED BY PROVIDER |
| DPP | PATCH PANEL, DATA, 48-PORT W/ CAT 6 INSERT, BLUE (QUANTITIES OF PORTS AS REQUIRED +25%) | SEE SPECIFICATION 271501 |
| TVSS | SURGE SUPPRESSOR AND SWITCHER W/ UL LISTED PLUG STRIP | FURNISHED AND INSTALLED BY AV INSTALLER |
| | UL LISTED POWER STRIP | 6 OUTLET POWER STRIP OR EQUAL |
| D(#) | STATION CABLE, DATA-CAT 6, DATA, BLUE JACKET (#) INDICATES NUMBER OF CABLES IF MORE THAN ONE | SEE SPECIFICATION 271501 |
| WAP ▽ | DATA OUTLET, WIRELESS ACCESS POINT SINGLE GANG BEZEL | SEE SPECIFICATION 271501<br>SEE DETAIL 8/ET601 |
| | BEZEL INSERTS | SEE SPECIFICATION 271501 |
| | CAT 6 JACK-DATA (1) | SEE SPECIFICATION 271501 |
| ▼ | VOICE OUTLET SINGLE GANG BEZEL | SEE SPECIFICATION 271501 |
| | BEZEL INSERTS | SEE SPECIFICATION 271501 |
| | CAT 6 JACK-DATA (1) | SEE SPECIFICATION 271501 |
| ▽<br>▽2 | DATA OUTLET SINGLE GANG BEZEL | SEE SPECIFICATION 271501 |
| | BEZEL INSERTS | SEE SPECIFICATION 271501 |
| | CAT 6 JACK-DATA (1 OR 2) | SEE SPECIFICATION 271501 |
| | COPPER CAT 6 PATCH CABLES (INCLUDE CABLES LONG ENOUGH TO CONNECT TO EQUIPMENT IN EQUIPMENT CABINET RACK #1 AS NEEDED) | SEE SPECIFICATION 271501 |
| | CAT 6 J-HOOKS | CADDY CAT32Z34 |
| HWM | HORIZONTAL WIRE MANAGER HORIZONTAL WIRE MANAGER SHALL NOT HAVE A DEPTH OF MORE THAN 3" | SEE SPECIFICATION 271501 |
| NS | NETWORK SWITCH, OWNER STANDARD | VERFIY CURRENT MODEL PRIOR TO ORDERING |
| | RACK MOUNT SHELF | MIDDLE ATLANTIC U2 |
| IRC | IRRIGATION REMOTE CONNECTION | FURNISHED AND INSTALLED BY IRRIGATION CONTRACTOR |
| BMG | BUILDING MANAGEMENT GATEWAY | FURNISHED AND INSTALLED BY MECHANICAL CONTROLS CONTRACTOR |
| FW | INTERNET FIREWALL, OWNER STANDARD, | VERFIY CURRENT MODEL PRIOR TO ORDERING |
| | RACK MOUNT SHELF | MIDDLE ATLANTIC U2 |
| ISP MODEM | INTERNET SERVICE MODEM | VERFIY CURRENT MODEL PRIOR TO ORDERING |
| | WALL MOUNT SHELF | MIDDLE ATLANTIC WMS-20 |
| 110 BLOCK | 110 PUNCH DOWN BLOCK, CAT6 | SEE SPECIFICATIONS 27 1501 |
| WAP | WIRELESS ACCESS POINT. OWNER STANDARD | VERFIY CURRENT MODEL PRIOR TO ORDERING<br>INSTALL AT EACH 'WAP' LOCATION SHOWN ON ET102.<br>PROVIDE WALL BRACKET AS SHOWN ON DETAIL 8/ET601 |
| 2 | DATA RACK, SWING FRAME | MIDDLE ATLANTIC SFR-20-18<br>LOWELL SR-12-18,<br>SEE DETAILS 4/ET602 AND 5/TT601 |
| CC<br>CP | AUDIO VIDEO USER INTERFACE | INTERFACE BY AV INSTALLER; DATA CONNECTION BY 27 1501<br>SEE TA601, TA602 |
| | CAT6 DATA JACK | SEE SPECIFICATION 27 1501 |
| NHP | NETWORK HELP DESK PANEL | 1RU RACK PANEL WITH CUSTOM LABELING<br>SEE DETAIL 7/TT602 |

NOTE: ALL PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR

# AUDIO-VIDEO CABLE EQUIPMENT LIST

| SYM | DESCRIPTION | QTY | ACCEPTABLE TYPES |
|---|---|---|---|
| A(X) | HDMI CABLE<br>(X) INDICATES NUMBER OF CABLES,<br>IF MORE THAN ONE | A/R | BELDEN HD 800-XX<br>LIBERTY HD 1000-XX<br>OR AS APPROVED BY CONSULTANT<br>('XX' LENGTH REQUIRED) |
| C(X) | CONTROL CABLE, WHITE JACKET (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE | A/R | BELDEN 1872A<br>WEST PENN 4246<br>LIBERTY 24-4P-L6-EN<br>OR AS APPROVED BY CONSULTANT |
| H(X) | HDBASE T CABLE, BLACK JACKET,<br>(X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE | A/R | WEST PENN 4246AF<br>COMMSCOPE 1291B F/UTP<br>BELDEN 10GX62F<br>OR AS APPROVED BY CONSULTANT |
| L(X) | LINE LEVEL CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE | A/R | BELDEN 9451<br>WEST PENN 454<br>LIBERTY 22-1P-EZ<br>OR AS APPROVED BY CONSULTANT |
| LC | CONTROL CABLE FOR PULPIT LIFT MOTOR<br>3 CONDUCTOR, 20 AWG | A/R | BELDEN 8772<br>WEST PENN 232<br>OR AS APPROVED BY CONSULTANT |
| M(X) | MICROPHONE CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE | A/R | LIBERTY 22-1P-EZ<br>BELDEN 9451<br>WEST PENN 454<br>OR AS APPROVED BY CONSULTANT |
| P | SDI CABLE, 50 OHM, COAXIAL | A/R | WEST PENN 25812<br>BELDEN 89907 |
| S(X) | SPEAKER CABLE, (X) INDICATES NUMBER OF CABLES, IF MORE THAN ONE | A/R | BELDEN 8471<br>WEST PENN 225<br>LIBERTY 16-2C-GRY<br>OR AS APPROVED BY CONSULTANT |
| U(X) | USB CABLE,<br>(X) INDICATES NUMBER OF CABLES,<br>IF MORE THAN ONE | A/R | USB 2.0 OR GREATER, PRE-MADE<br>LIBERTY U026-20M<br>OR AS APPROVED BY CONSULTANT |

MANUFACTURER'S NAMES AND TELEPHONE NUMBERS ARE LISTED IN THE SPECIFICATIONS
A/R = AS REQUIRED

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# GENERAL PROJECT NOTES

1. LABEL ALL CABLE REGARDLESS OF LENGTH.
2. THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL CABLING AND EQUIPMENT TO THE CONSULTANT APPROVAL.
3. COIL 5' OF EXTRA CABLE AT THE TECHNOLOGY ROOM AND 18"' AT THE OUTLET FOR EACH CABLE RUN.
4. USE CADDY CLIPS OR BRIDLE RINGS FOR ALL CABLE OUTSIDE OF CONDUIT. GENERAL PROJECT NOTES ET601.
5. ALL CABLE AND UTP TO TERMINATE ON BOTH ENDS.
6. ALL VOICE-DATA OUTLETS ON WALLS SHALL BE MOUNTED WITHIN 6" OF A POWER OUTLET. IF CONTRADICTIONS ARISE ON PLANS, NOTIFY ENGINEER.
7. REFER TO SHEET ET101 AND ET102 FOR VOICE-DATA JACK LOCATIONS AND ROUTING OF AV CABLE.
8. EQUIPMENT RACK TO BE INSTALLED BY AV INSTALLER.
9. ALL VOICE-DATA CABLING AND EQUIPMENT SHALL BE INSTALLED ACCORDING TO DIVISION 27 1501.
10. INSTALL OWNER FURNISHED NETWORK EQUIPMENT SHOWN. AS PART OF INSTALLATION SET UP AND CONFIGURE DEVICES IN ACCORDANCE WITH OWNER REQUIREMENTS. COORDINATE WITH LOCAL FACILITIES MANAGER.
11. OWNER PROVIDES INTERNET SERVICE TO BUILDING PRIOR TO FINAL INSTALLATION OF AV AND VOICE DATA EQUIPMENT.
12. INSTALL A DATA PATCH CABLE TO NS FOR ALL DATA LOCATIONS SHOWN ON PLANS.
13. FURNISH AND INSTALL ALL AUDIO-VIDEO CABLE SHOWN. PROVIDE 3' EXTRA CABLE AT OUTLET END AND 15' EXTRA CABLE AT EQUIPMENT RACK. COIL AND LABEL.
14. INSTALL PATCH IN AND SET-UP OWNER FURNISHED WIRELESS ACCESS POINTS.
15. SEE "TA" AND "ET" SHEETS FOR DEVICE LOCATIONS AND ADDITIONAL COORDINATION.
16. ALL HORIZONTAL CABLING AND TERMINATIONS SHALL BE FROM SINGLE MANUFACTURER, AS NECESSARY SUCH THAT INSTALLER MAY PROVIDE EXTENDED SYSTEM WARRANTY OF 25 YEARS OR MORE.
17. CABLE RUNS ORIGINATING FROM OUTSIDE THE RACK SHALL BE TERMINATED TO DPP. WITH PATCH CABLE TO NETWORK SWITCH. DEVICES IN THE SAME RACK AS THE NETWORK SWITCH MAY BE CONNECTED DIRECTLY TO THE SWITCH.

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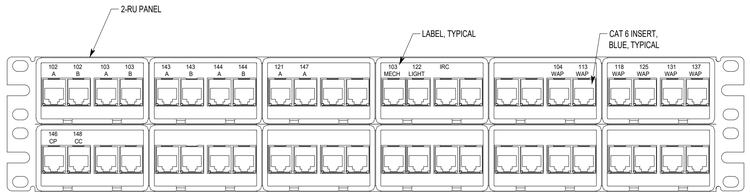
Project for:
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OF LATTER-DAY SAINTS

| Mark | Date (M-D-Y) | Description |
|---|---|---|
| | | |

Project Number:
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Plan Series:
G-300-MH-11
Property Number:
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Sheet Title:
TELECOM
SCHEDULES
AND NOTES

Sheet:
TT601




## 1 PATCH PANEL DETAIL, 48-PORT, TYPICAL

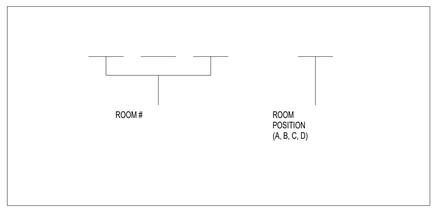
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## 7 HELP DESK PANEL

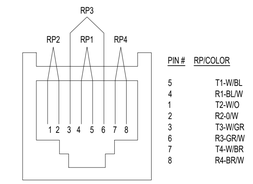
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NHP



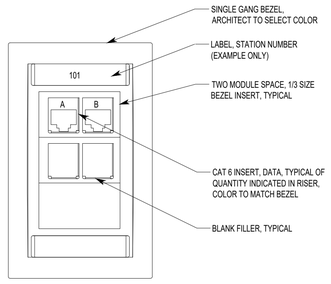

## 2 CABLE LABEL DETAIL

NO SCALE



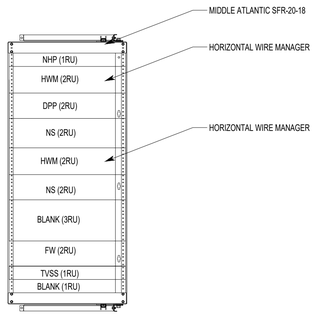

## 3 OUTLET PINNING DETAIL

NO SCALE



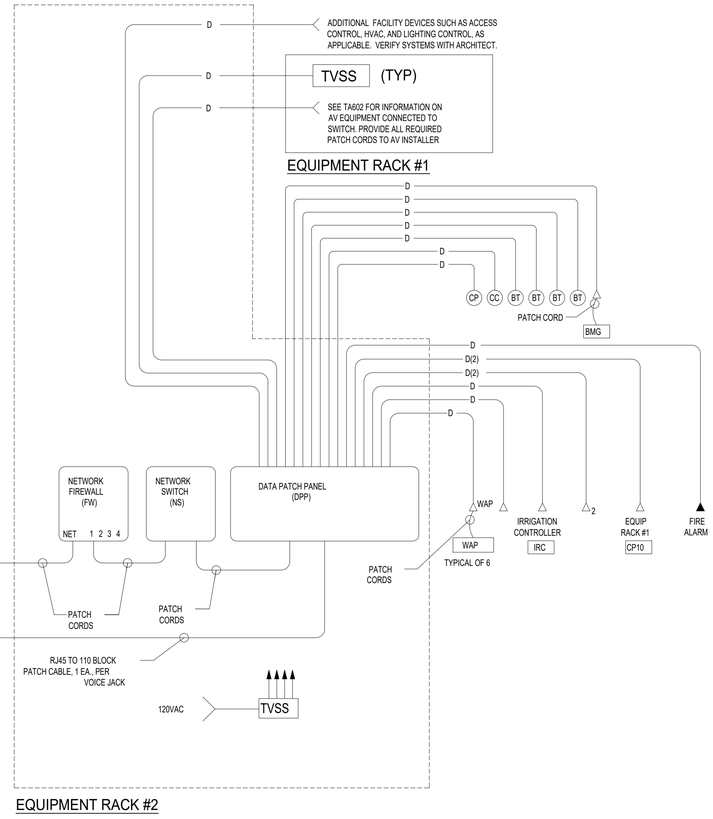

## 4 TYP DATA OUTLET

NO SCALE




## 5 DATA RACK ELEVATION

NO SCALE




## 6 STRUCTURED CABLING RISER DIAGRAM


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Release Date: 27-OCT-2026

Stamp:

Project Name:
LONG VALLEY GRANGER 300 MEETINGHOUSE
WASHINGTON, UT 84780

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

| Mark | Date (D-M-Y) | Description |
|---|---|---|
| | | |

Project Number: PCA-2610
Plan Series: G-300-MH-11
Property Number: 501-8721-26010101

Sheet Title: TELECOM DETAILS AND DIAGRAMS

Sheet: TT602