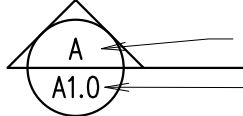
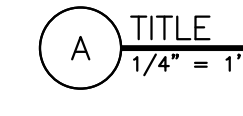
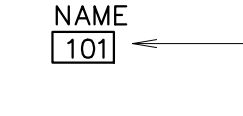
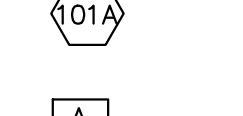

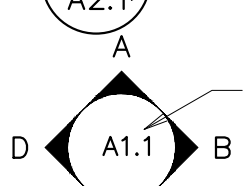
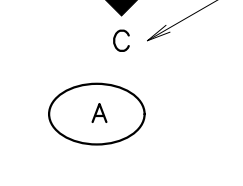



THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
WELFARE SERVICES DEPARTMENT
FAMILY SERVICES
MODULE

NOTE:
THESE DRAWINGS ARE INTENDED TO BE INCORPORATED INTO THE DESERET INDUSTRIES CONSTRUCTION DOCUMENTS WHERE DIRECTED. THE PROJECT ARCHITECT SHALL BE RESPONSIBLE TO ENSURE THAT ALL CONNECTIONS, CALLOUTS, REFERENCES AND SCHEDULES ARE CORRECT AND UPDATED IN THE FINAL TOTAL DOCUMENT SET.

STANDARD SYMBOLS LEGEND	
SECTION	 SECTION LETTER A1.0 SHEET NUMBER
SHEET REFERENCE	 TITLE 1/4" = 1'-0"
ROOM DESIGNATION	 NAME 101 ROOM NUMBER
DOOR NUMBER	 101
WINDOW NUMBER	 A
EXTERIOR ELEVATION	 DETAIL NUMBER 1 SHEET NUMBER A2.1
INTERIOR ELEVATION	 SHEET NUMBER A1.1 ELEVATION NUMBER B, C
VISUAL DISPLAY BOARDS	 A
SPECIFICATIONS	SPECIFICATION REFERENCES ARE FROM CSI* MasterFormat 2004 *Construction Specifications Institute

CODE INFORMATION	2012 I.B.C.
TYPE OF CONSTRUCTION	II-B, FIRE SPRINKLED
OCCUPANCY GROUPS	B
ALLOWABLE BUILDING HEIGHT	2 STORY
ACTUAL BUILDING HEIGHT	1 STORY (HIGHEST PARAPET, ELEVATION 24'-10")
ALLOWABLE BUILDING AREA	12,500 S.F.
ALLOWABLE AREA INCREASE	FULLY-SPRINKLERED, 1 STORY (507.3) = UNLIMITED S.F.
ACTUAL BUILDING AREA	3,140 SQ.FT.

OCCUPANCY INFORMATION			
LOCATION	AREA	FACTOR	OCCUPANTS
FAMILY SERVICES	3,140 S.F.	B	32
TOTAL OCCUPANT LOAD			32 TOTAL

DRAWING INDEX			
SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE
GENERAL			
G101e	INDEX, CODE INFORMATION	G102e	LIFE SAFETY, EXITING PLAN
ARCHITECTURAL			
A101e	MAIN FLOOR PLAN AND WALL TYPES	A601e	FINISH SCHEDULE AND DETAILS
A121e	ROOF PLAN	A602e	DOOR SCHEDULE, DOOR AND WINDOW TYPES
A151e	REFLECTED CEILING PLAN	A611e	DOOR AND WINDOW DETAILS
A201e	EXTERIOR ELEVATIONS	F101e	FLOOR FINISH PLAN
A301e	BUILDING SECTIONS	F102e	FURNISHINGS PLAN & EQUIPMENT SCHEDULE
A302e	WALL SECTIONS AND DETAILS	F201e	ROOM SIGNAGE PLAN AND DETAILS
A401e	ENLARGED FLOOR PLAN & INTERIOR ELEVATIONS		
A421e	CABINET DETAILS		
STRUCTURAL			
S101e	FOUNDATION AND FRAMING PLANS	S102e	DETAILS AND ELEVATIONS
FIRE SPRINKLER			
FS101e	FIRE SPRINKLER PLAN		
PLUMBING			
P101e	PLUMBING FLOOR & ROOF PLANS	P403e	PLUMBING PLANS AND SCHEMATICS
MECHANICAL			
M101e	MECHANICAL FLOOR PLAN		
MECHANICAL ELECTRICAL			
ME101e	MECHANICAL TEMPERATURE CONTROLS	ME201e	MECHANICAL TEMPERATURE CONTROLS
ELECTRICAL			
E101e	FLOOR PLAN LIGHTING	E102e	FLOOR AND ROOF PLANS - POWER
TECHNOLOGY			
ET111e	MAIN FLOOR TECHNOLOGY SYSTEM LAYOUT		
ET601e	ELECTRICAL TECHNOLOGY EQUIPMENT LISTS AND NOTES		
ET602e	ELECTRICAL TECHNOLOGY EQUIPMENT LISTS AND NOTES		
EY112e	MAIN FLOOR SECURITY SYSTEM LAYOUT		
TT601e	TECHNOLOGY SYSTEMS DETAILS		

Architect / Engineer:

Stamp:

Project Name

Project Address

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

Mark	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Project Number:

Plan Series:
DI-MOD-FS-09-15

Property Number:

Sheet Title:
**INDEX,
CODE
INFORMATION
(FAMILY
SERVICES
MODULE)**

Sheet:
G101e

Architect / Engineer:

Stamp:

Project Name
Project Address

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

Mark	Date	Description

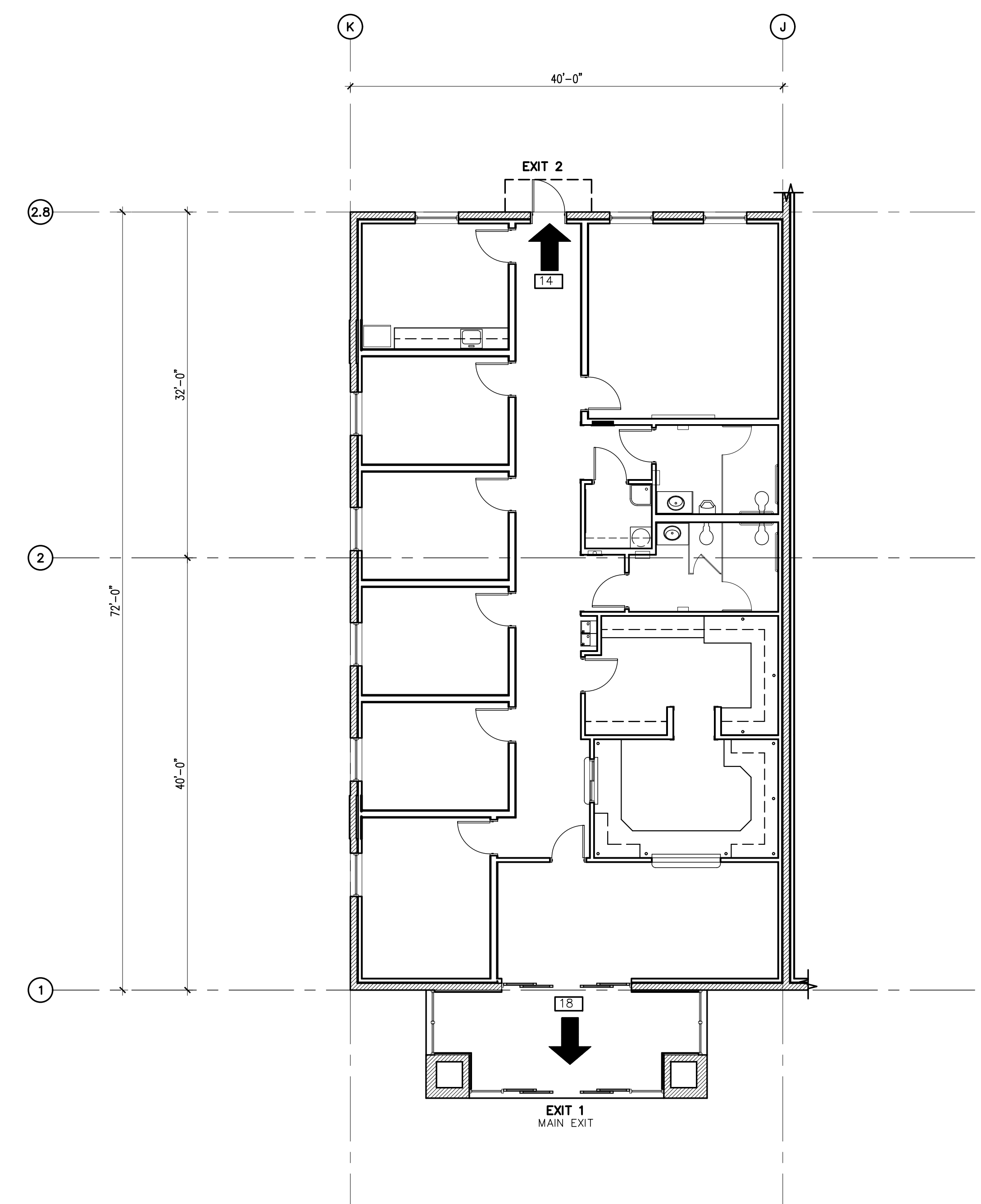
Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

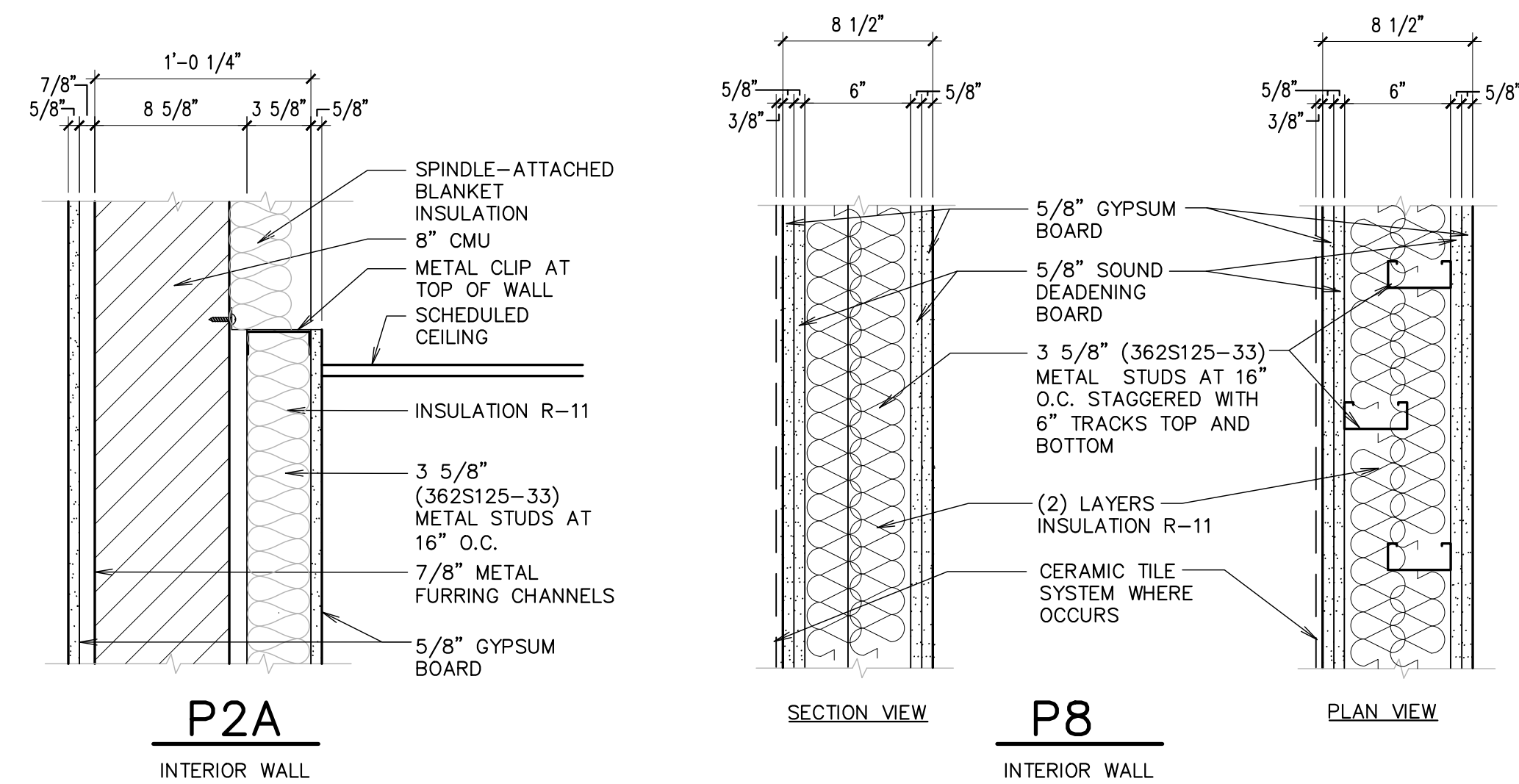
Sheet Title:
**LIFE SAFETY
EXITING PLAN
(FAMILY
SERVICES
MODULE)**

Sheet:
G102e

LEGEND	
SYMBOL	DESCRIPTION
	OCCUPANT LOAD SERVED BY EXIT: 3,140 GROSS S.F. AT 100 S.F./OCCUPANT = 32 OCCUPANTS

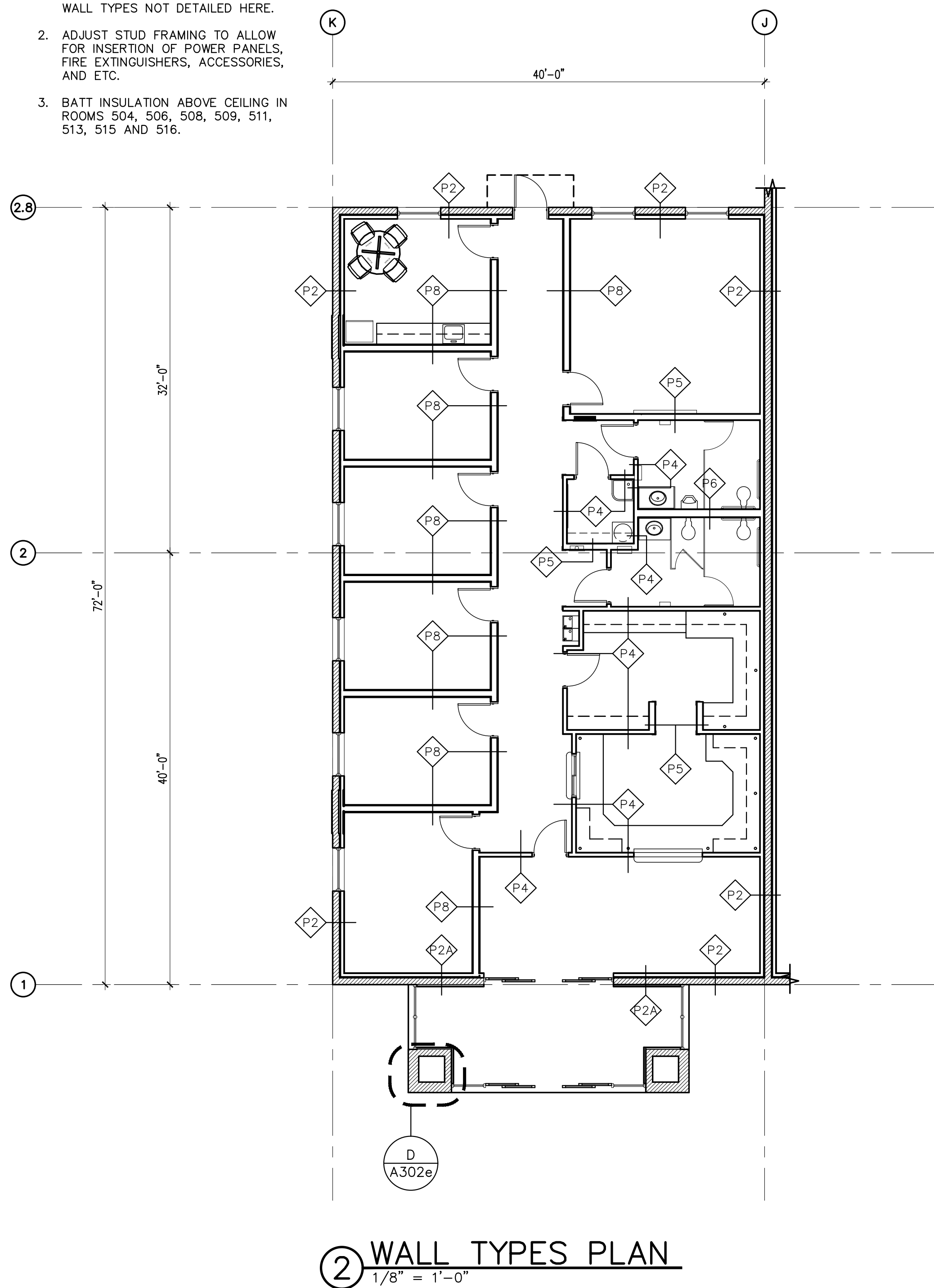


1 LIFE SAFETY/EXITING PLAN – IBC 2012
1/8" = 1'-0"



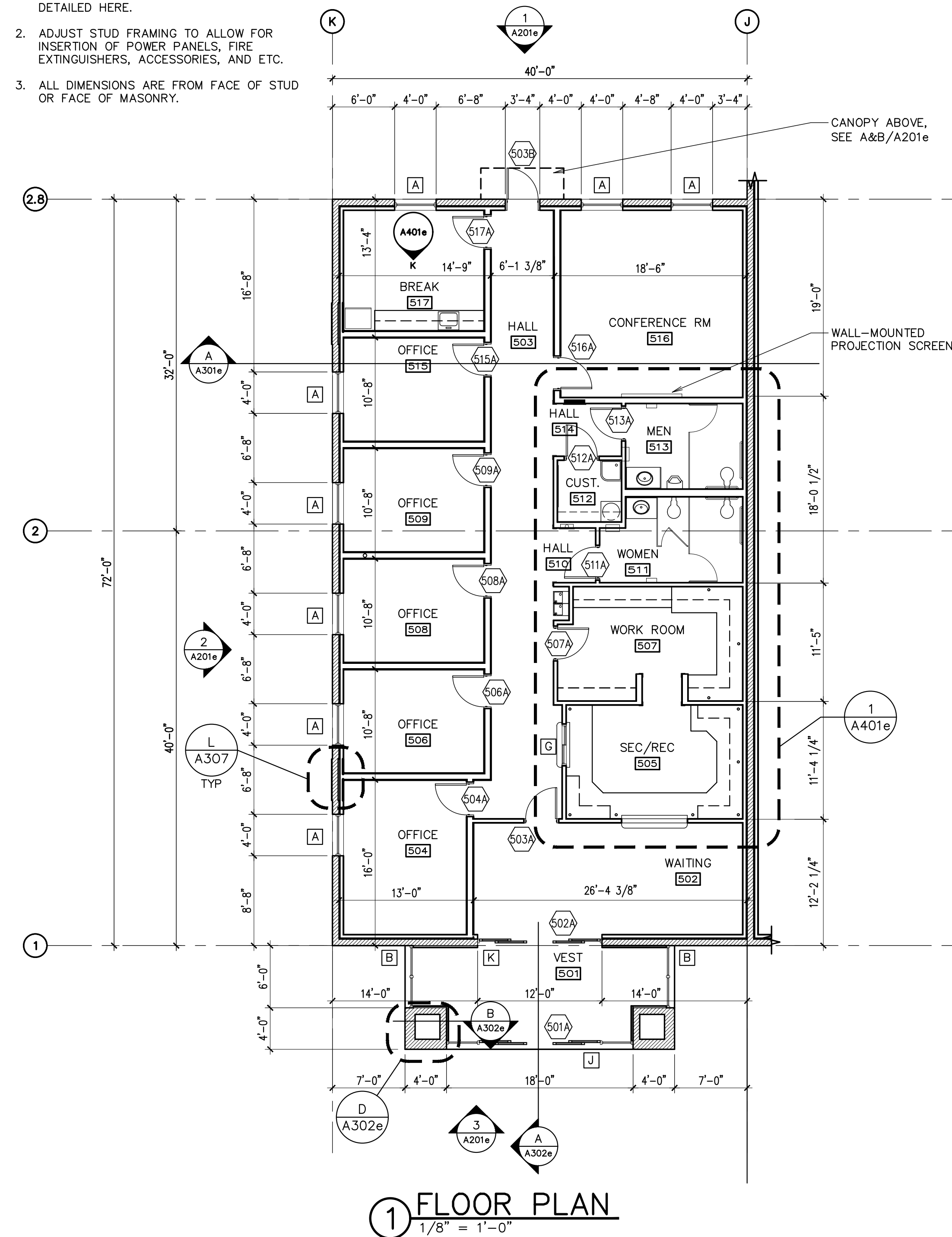
NOTE:

- SEE SHEET A102 ON DESERET INDUSTRIES PLAN FOR DETAIL OF WALL TYPES NOT DETAILED HERE.
- ADJUST STUD FRAMING TO ALLOW FOR INSERTION OF POWER PANELS, FIRE EXTINGUISHERS, ACCESSORIES, AND ETC.
- BATT INSULATION ABOVE CEILING IN ROOMS 504, 506, 508, 509, 511, 513, 515 AND 516.



NOTE:

- SEE SHEET A102 ON DESERET INDUSTRIES PLAN FOR DETAIL OF WALL TYPES NOT DETAILED HERE.
- ADJUST STUD FRAMING TO ALLOW FOR INSERTION OF POWER PANELS, FIRE EXTINGUISHERS, ACCESSORIES, AND ETC.
- ALL DIMENSIONS ARE FROM FACE OF STUD OR FACE OF MASONRY.



Architect / Engineer:

Stamp:

Project Name
Project Address

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

Mark	Date (m.d.y.)	Description

Project Number:

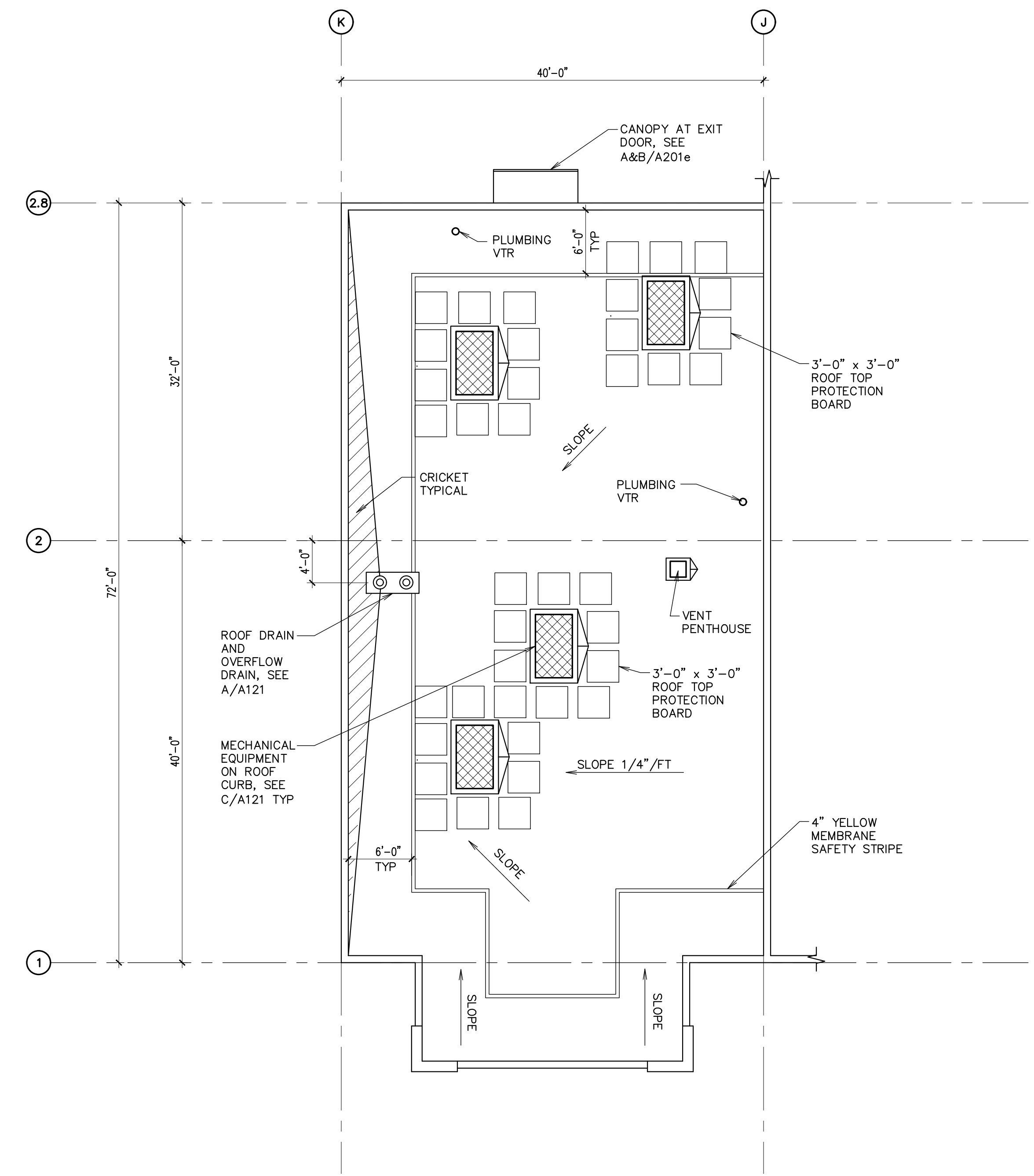
Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
MAIN FLOOR PLAN AND WALL TYPES (FAMILY SERVICES MODULE)

Sheet:
A101e

NOTES:

1. ROOF SLOPE IS OBTAINED BY WARPING THE METAL ROOF DECKING ON STEEL JOIST SET AT STEPPED ELEVATIONS. ELEVATION NOTATIONS ARE TYPICAL THROUGH OUT THE ROOF. SEE STRUCTURAL DRAWINGS.
2. 4" MINIMUM RIGID ROOF INSULATION ON ENTIRE ROOF DECK SURFACE.
3. 1/4" PER FOOT MINIMUM SLOPE ON ALL ROOF SURFACE FOR ROOF DRAINAGE.



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

Architect / Engineer:

Stamp:

Project Name
Project Address

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

Mark	Date (d.m.y)	Description

Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
ROOF PLAN (FAMILY SERVICES MODULE)

Sheet:
A121e

Architect / Engineer:

Stamp:

Project Name

Project Address

Project for:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

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

Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
REFLECTED CEILING PLAN (FAMILY SERVICES MODULE)

Sheet:

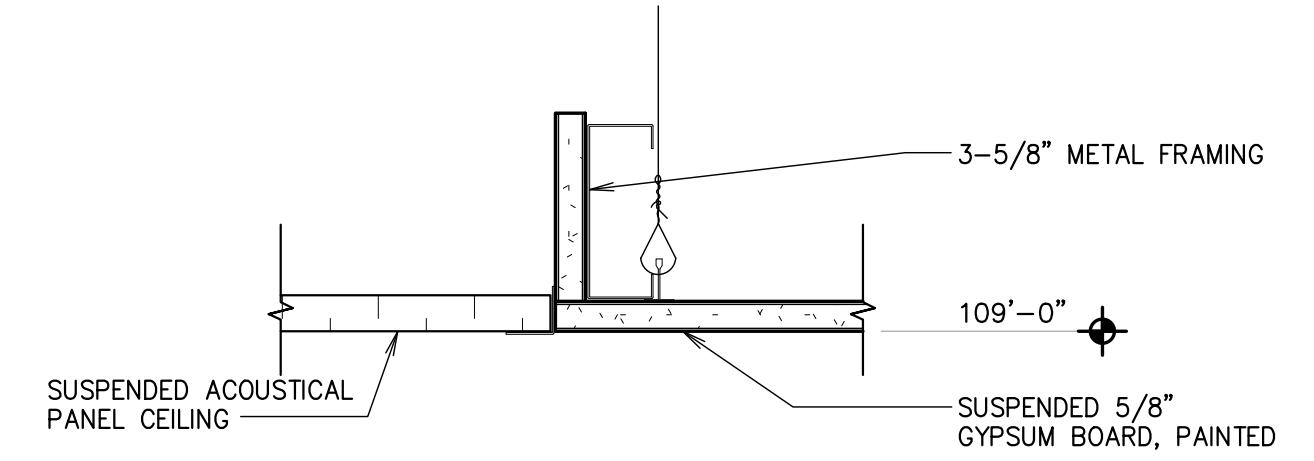
A151e

LEGEND	
	2' x 2' CEILING GRID
	FLUORESCENT LIGHT FIXTURE
	12" x 12" ACOUSTICAL TILE
	LIGHT FIXTURE
	EXIT LIGHT
	H.V.A.C. DIFFUSER
	RETURN AIR GRILLE
	EXHAUST GRILLE
	SPRINKLER HEAD LOCATIONS (DO NOT PAINT HEADS)
	FIRE SYSTEM HORN/STROBE
	SPEAKER
	CEILING MOUNT PROJECTOR

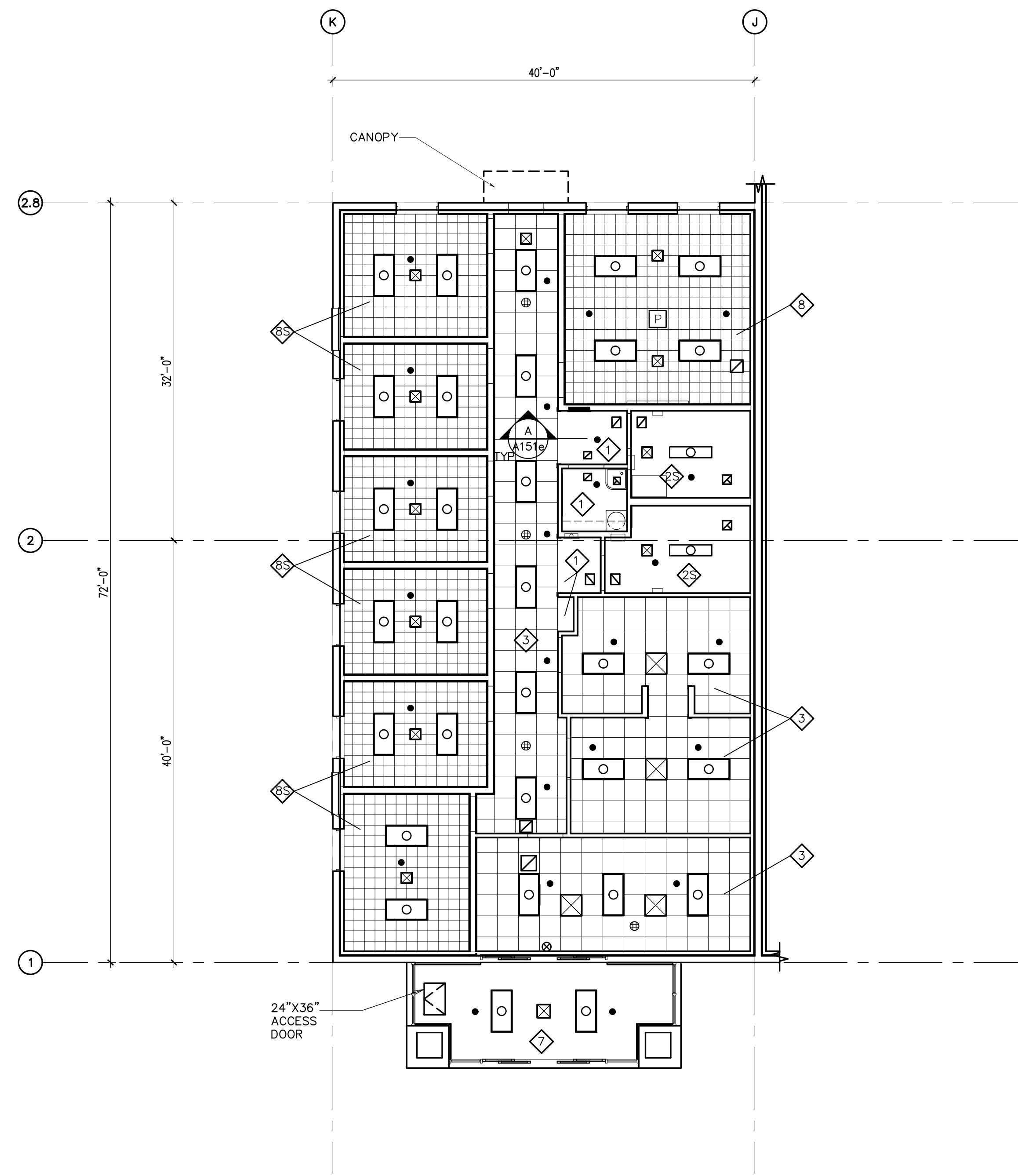
CEILING FINISH SCHEDULE	
	CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD - TEXTURED - PAINTED
	CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD - SMOOTH - PAINTED AND WITH ACOUSTICAL BATT INSULATION ABOVE.
	SUSPENDED 2'x2' LAY-IN ACOUSTICAL TILE
	GYPSUM BOARD - TEXTURED - PAINTED
	CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD AND 12" X 12" ACOUSTICAL TILE
	CEILING SUSPENSION SYSTEM WITH GYPSUM BOARD AND 12" X 12" ACOUSTICAL TILE AND WITH ACOUSTICAL BATT INSULATION ABOVE

GENERAL NOTES

- CENTER LIGHT FIXTURES IN ALL AREAS UNLESS NOTED AND DRAWN OTHERWISE.
- ACOUSTIC CEILING TILE CENTERED IN AREAS AND WORKED TO WALLS
- FOR SEISMIC BRACING AT ALL CEILING SUSPENSION SYSTEMS SEE A&C/A505



A CEILING DETAIL
3" = 1'-0"



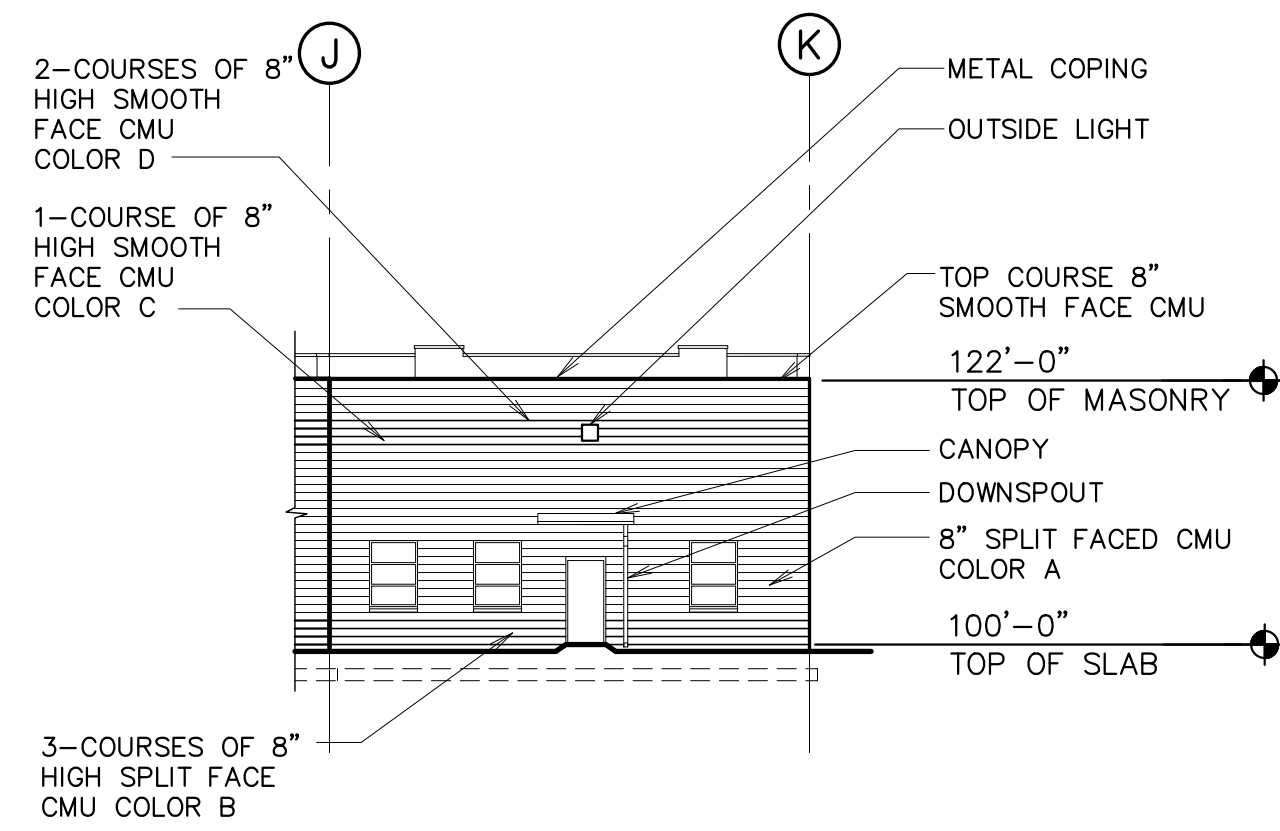
1 REFLECTED CEILING PLAN
1/8" = 1'-0"

Mark	Date (M.D.Y.)	Description

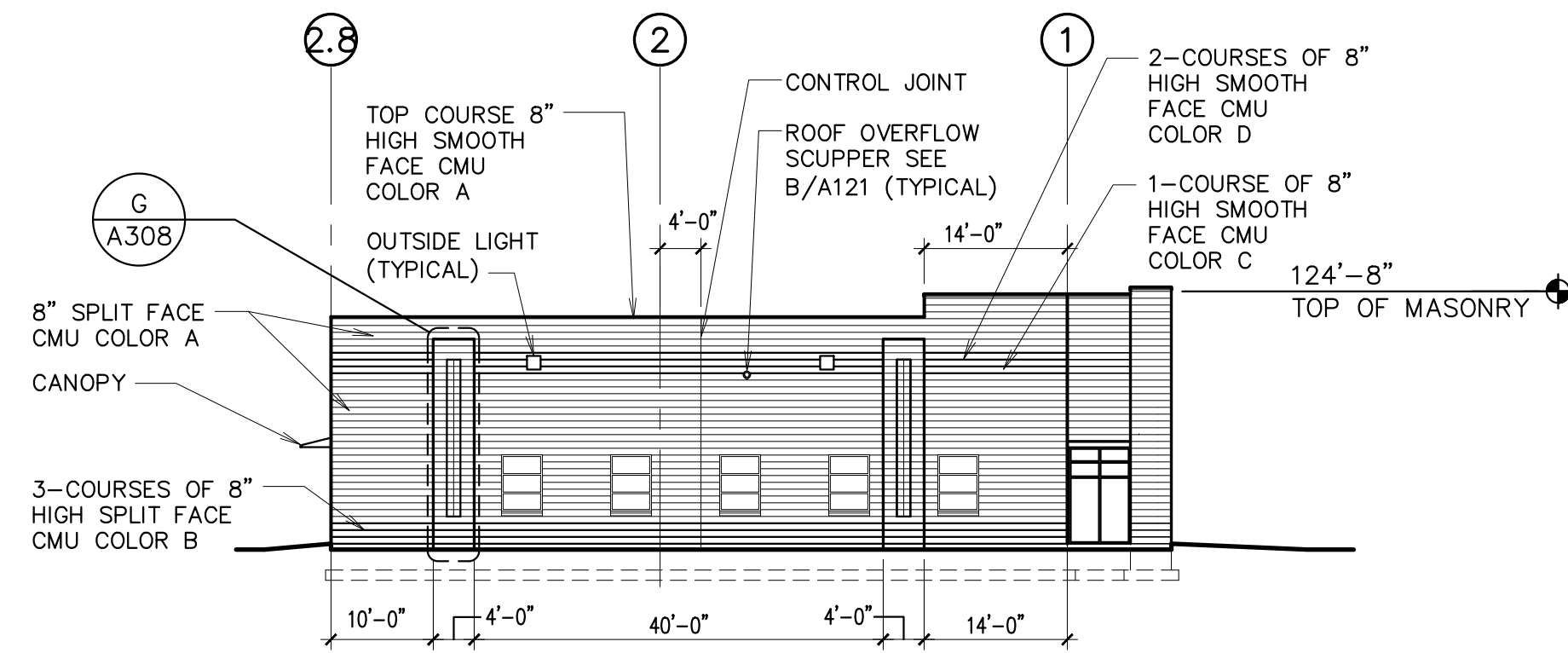
Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

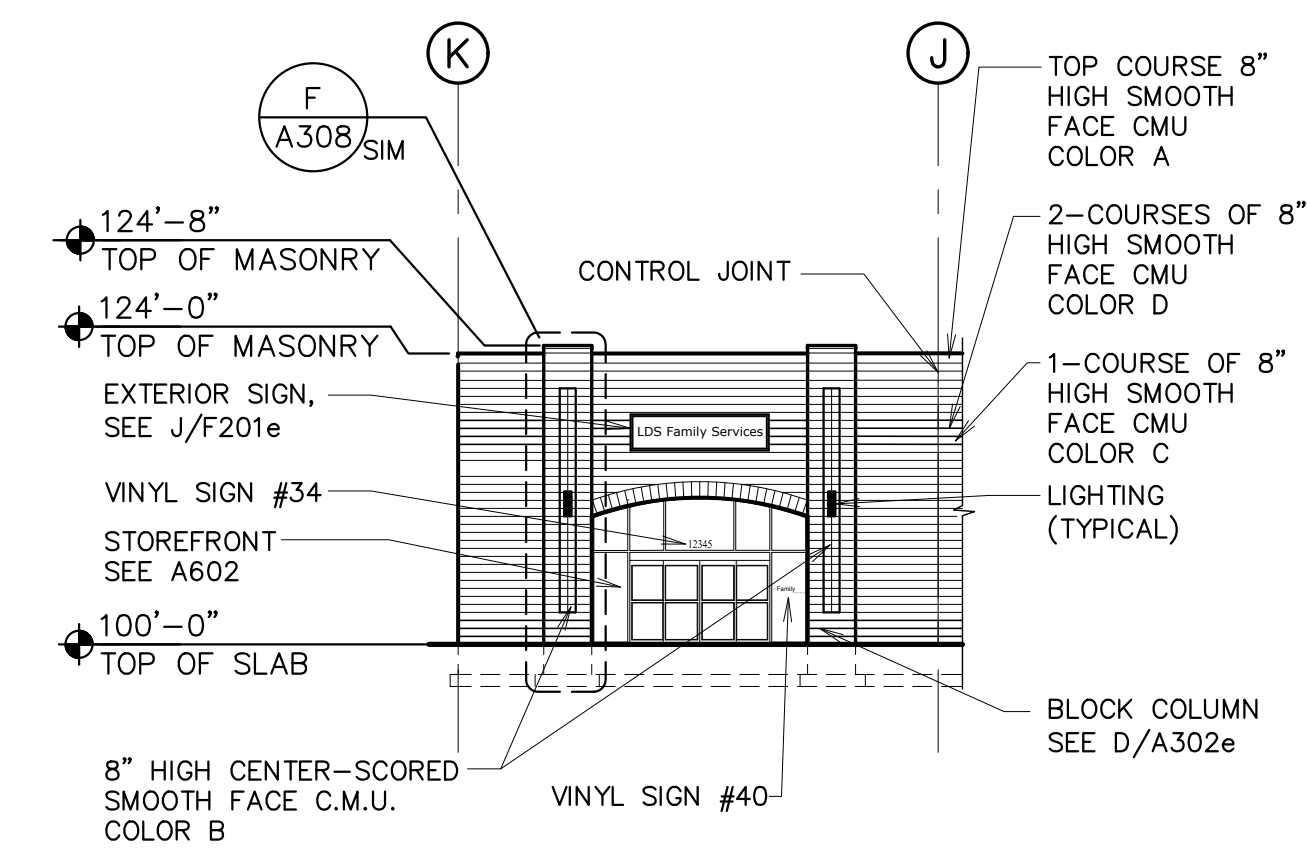
Sheet Title:
EXTERIOR ELEVATIONS (FAMILY SERVICES MODULE)



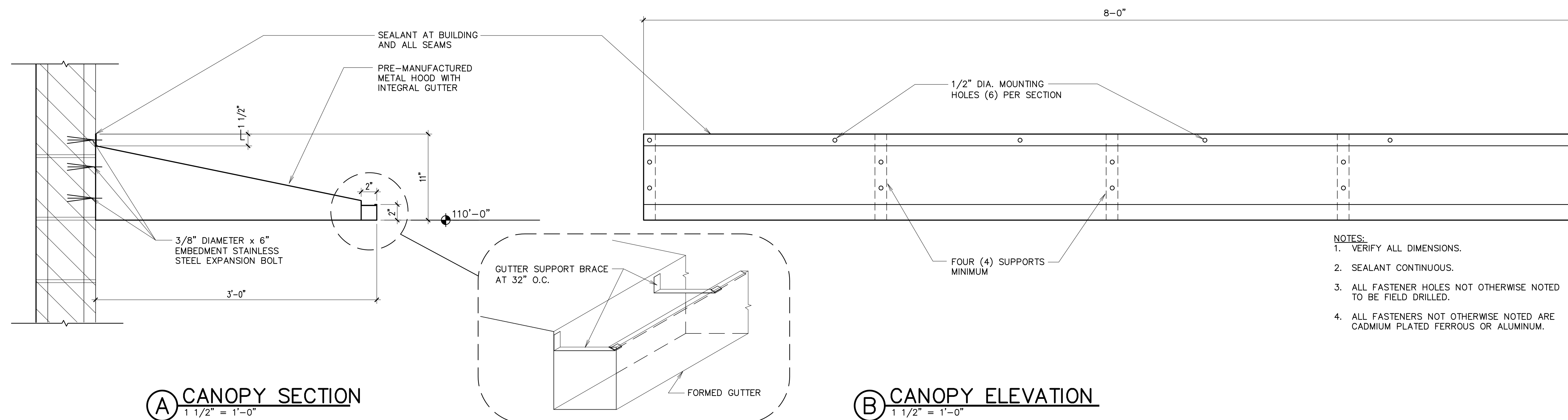
1 REAR EXTERIOR ELEVATION
1/16" = 1'-0"



2 LEFT SIDE EXTERIOR ELEVATION
1/16" = 1'-0"



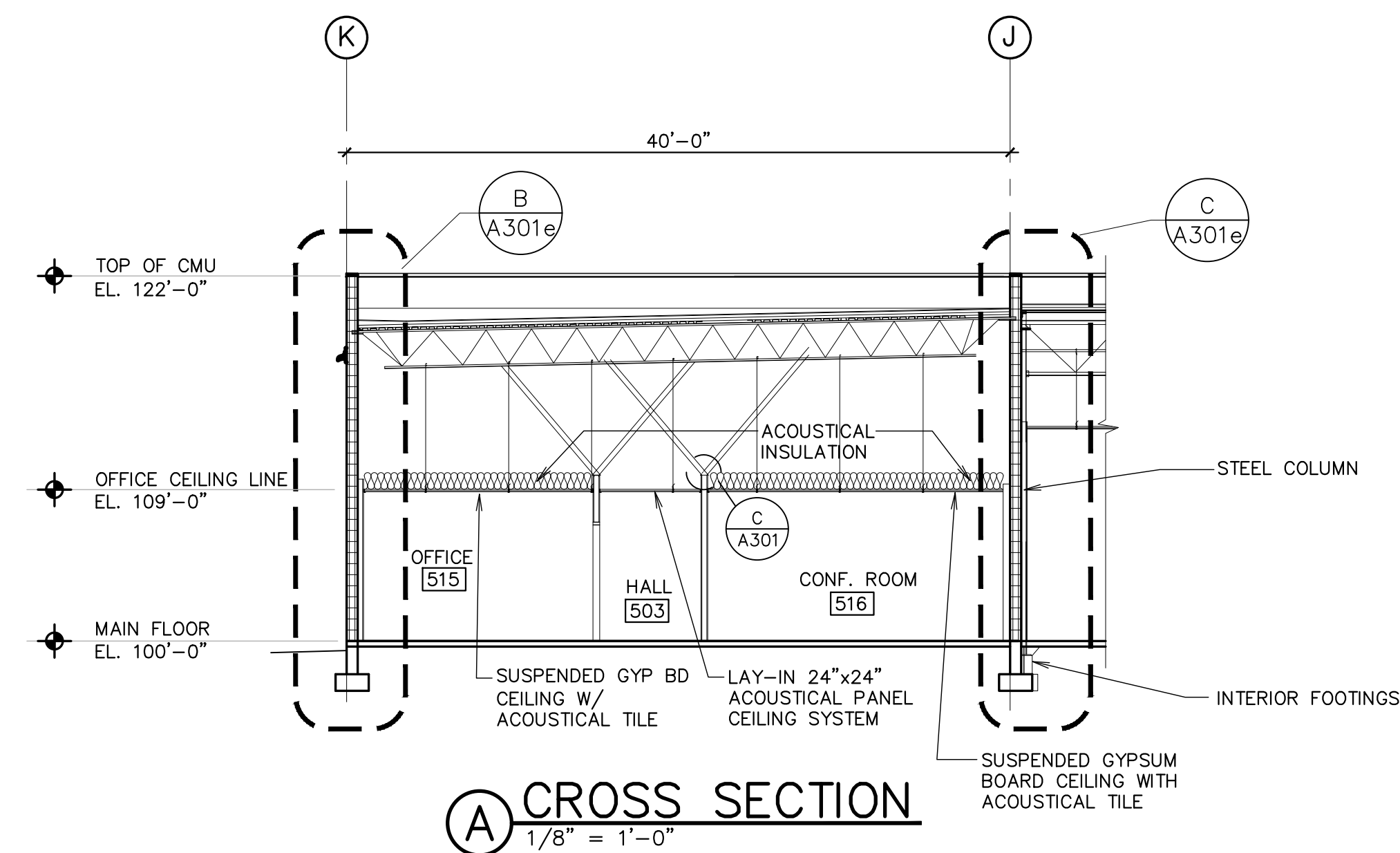
3 FRONT EXTERIOR ELEVATION
1/16" = 1'-0"



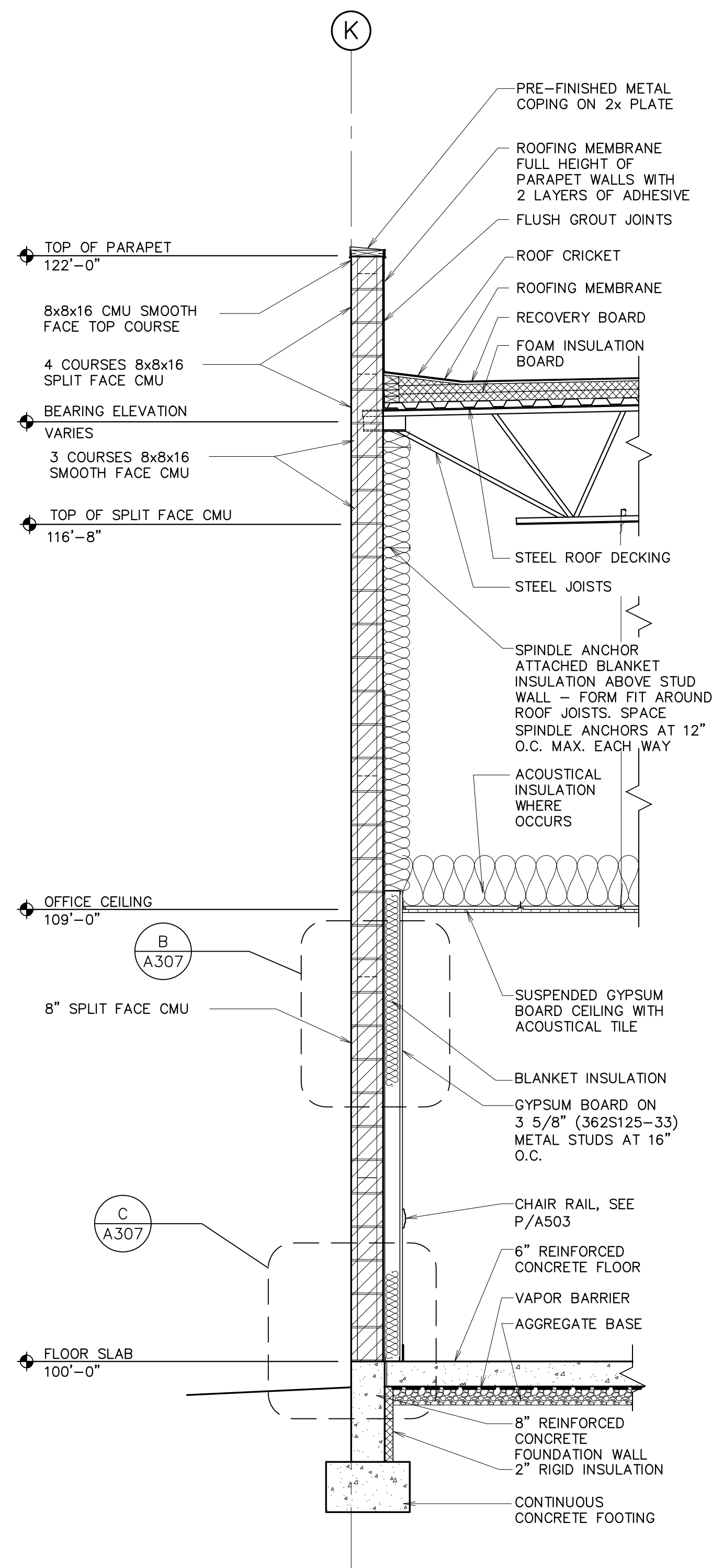
A CANOPY SECTION
1 1/2" = 1'-0"

B CANOPY ELEVATION
1 1/2" = 1'-0"

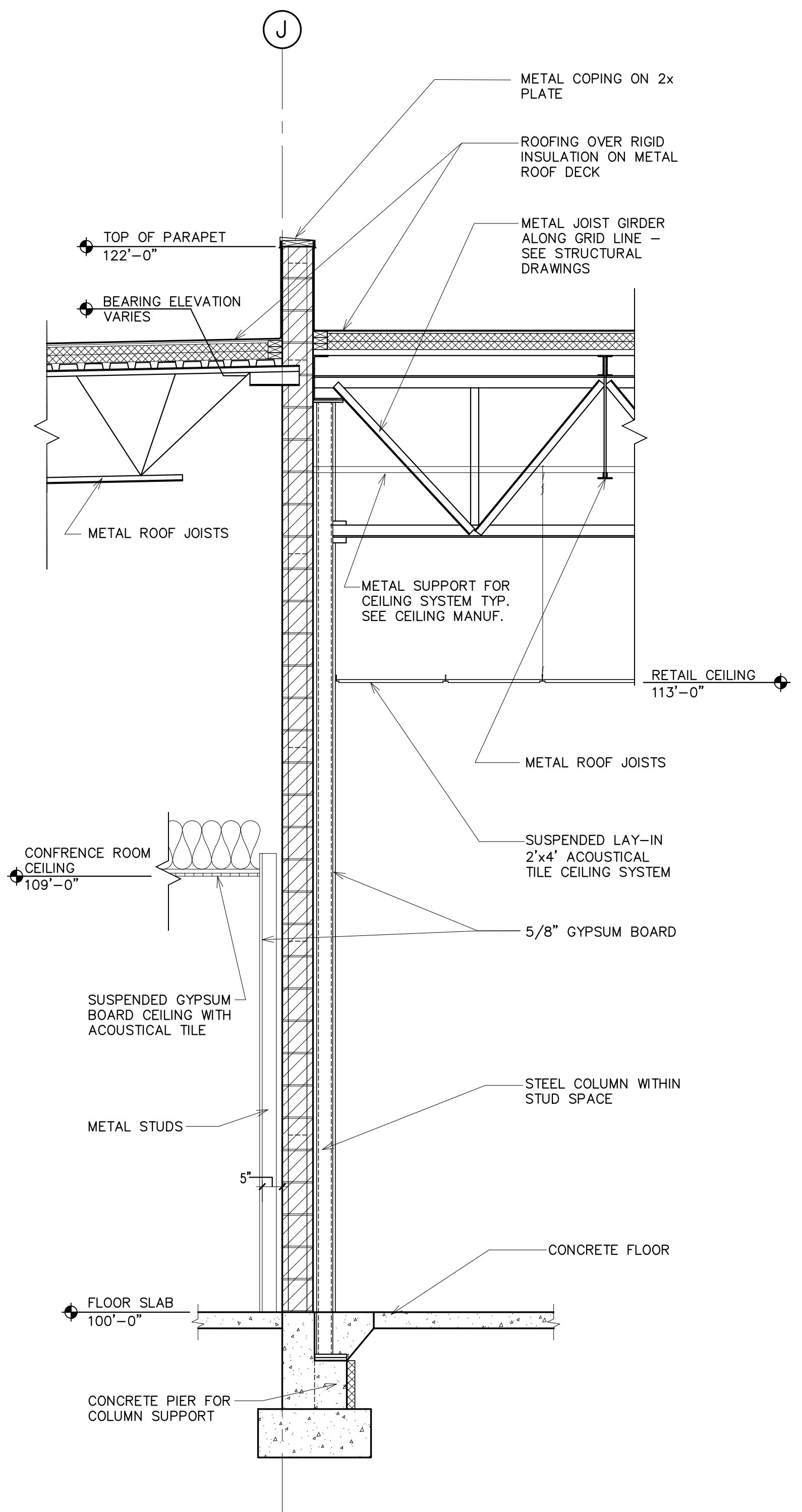
- NOTES:
1. VERIFY ALL DIMENSIONS.
2. SEALANT CONTINUOUS.
3. ALL FASTENER HOLES NOT OTHERWISE NOTED TO BE FIELD DRILLED.
4. ALL FASTENERS NOT OTHERWISE NOTED ARE CADMIUM PLATED FERROUS OR ALUMINUM.



A CROSS SECTION
1/8" = 1'-0"



B WALL SECTION
1/2" = 1'-0"



C WALL SECTION
1/2" = 1'-0"

Architect / Engineer:

Stamp:

Project Name

Project Address

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

Mark	Date (M-D-Y)	Description

Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
BUILDING SECTIONS (FAMILY SERVICES MODULE)

Sheet:
A301e

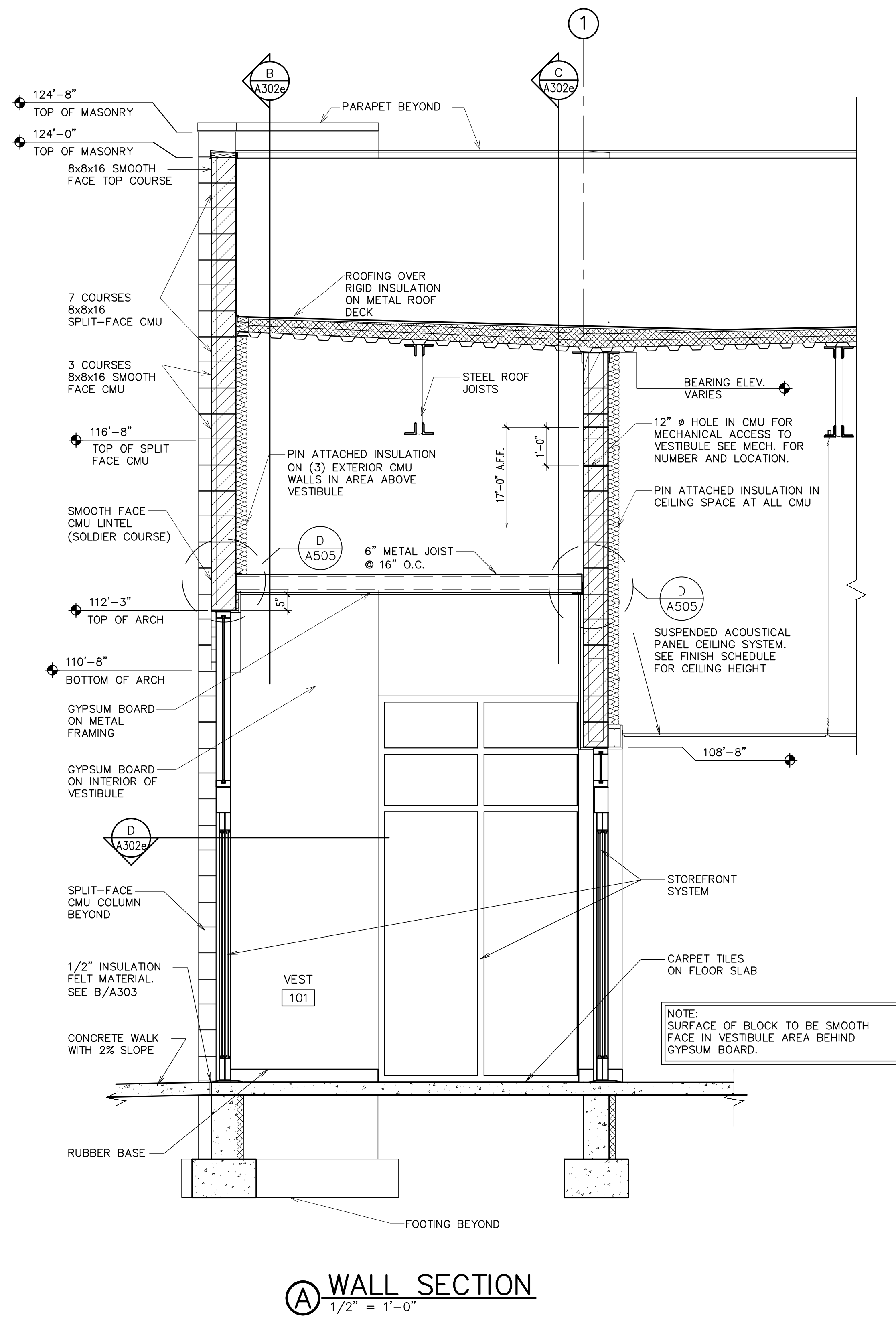
Mark	Date (m.d.y)	Description

Project Number:

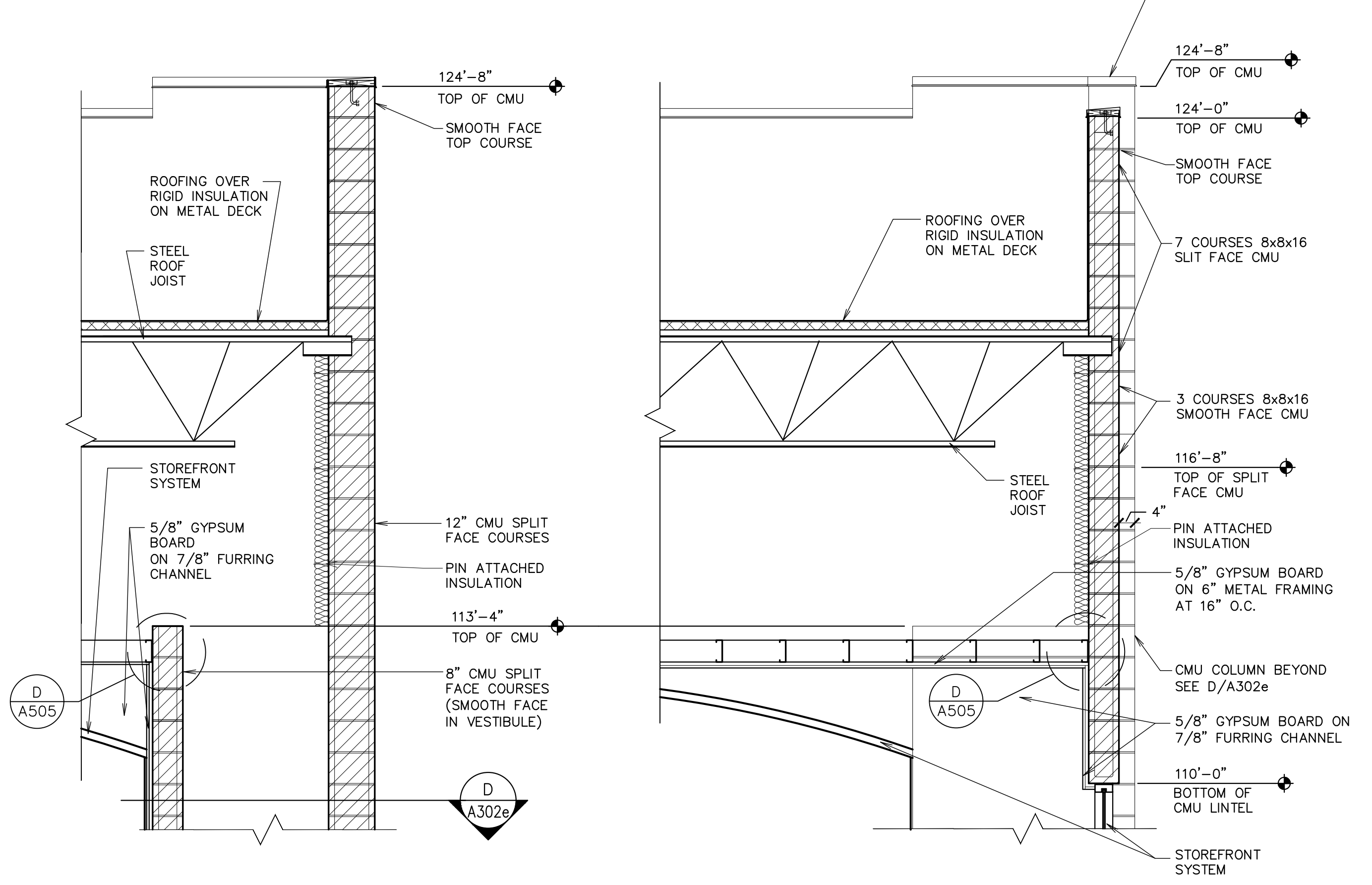
 Plan Series:
 DI-MOD-FS-09-15
 Property Number:

Sheet Title:
WALL SECTIONS AND DETAILS (FAMILY SERVICES MODULE)

Sheet:
A302e

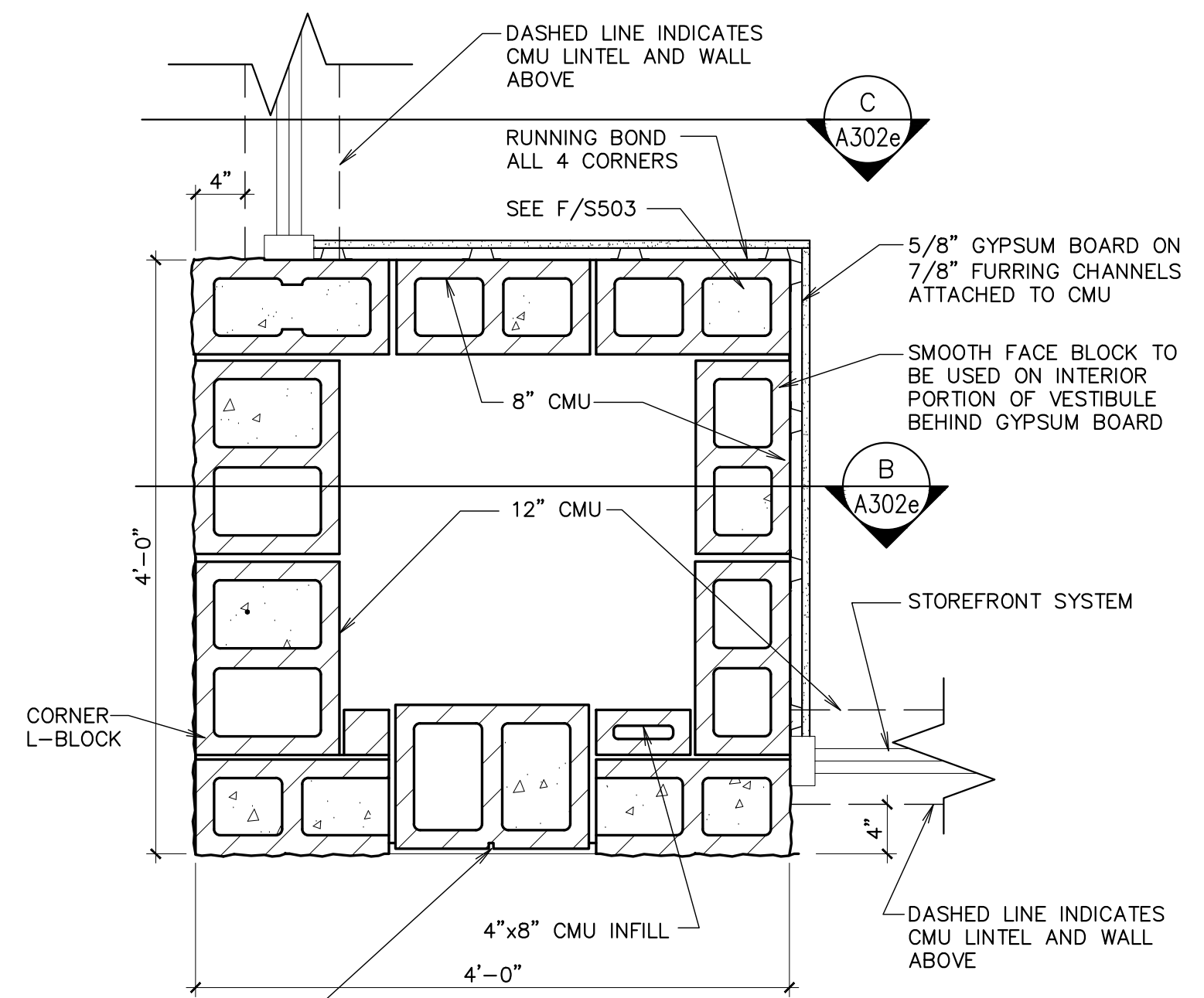


A WALL SECTION
 1/2" = 1'-0"



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

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

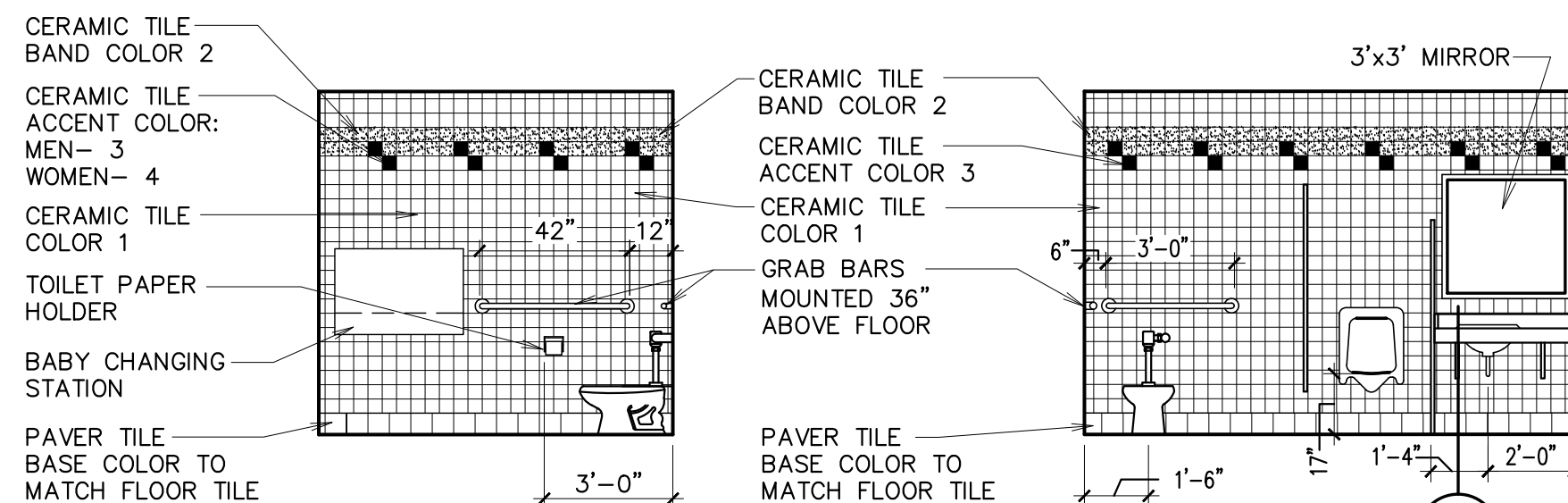


D WALL DETAIL
 1" = 1'-0"

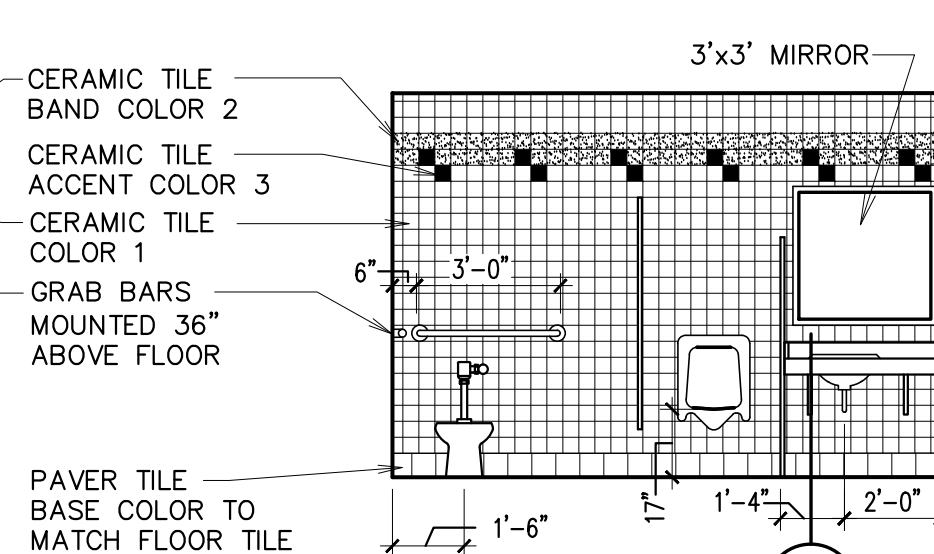
SMOOTH FACE CENTER-SCORED CMU INSET 1/2" FROM ADJACENT MASONRY. TOOL ALL MORTAR JOINTS OF INSET AREA TO MATCH DEPTH OF CENTER SCORE IN CMU. KEEP ALL JOINTS AND SCORING IN TRUE VERTICAL ALIGNMENT.

NOTE:
 SURFACE OF BLOCK TO BE SMOOTH FACE IN VESTIBULE AREA BEHIND GYPSUM BOARD.

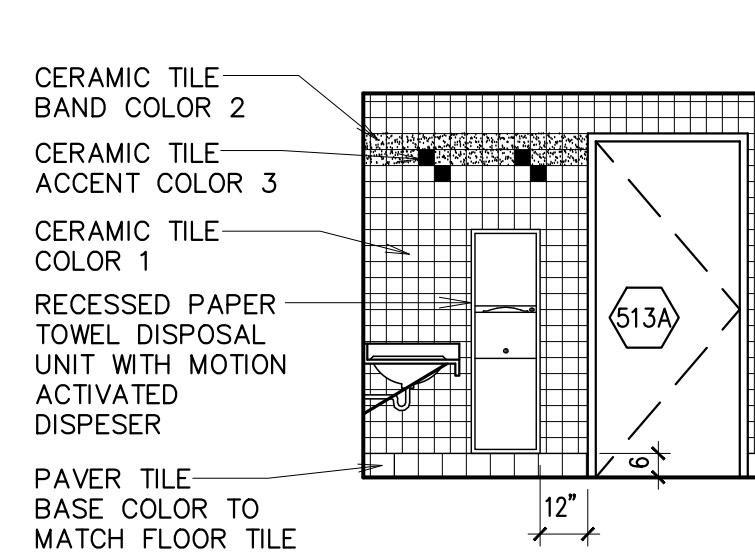
NOTE:
1. SEE C/A404 FOR TYPICAL RESTROOM ACCESSORIES MOUNTING LOCATIONS.
2. TOP OF TILE COLOR BAND 2 SHALL NOT EXCEED TOP OF DOOR JAMB (TYP.)



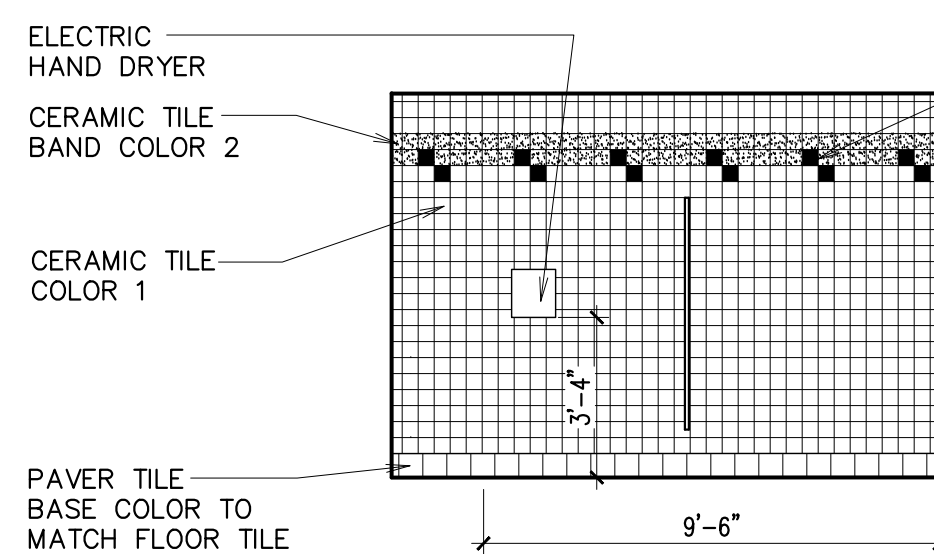
A MEN 513/
WOMEN 511 OPP.
1/4" = 1'-0"



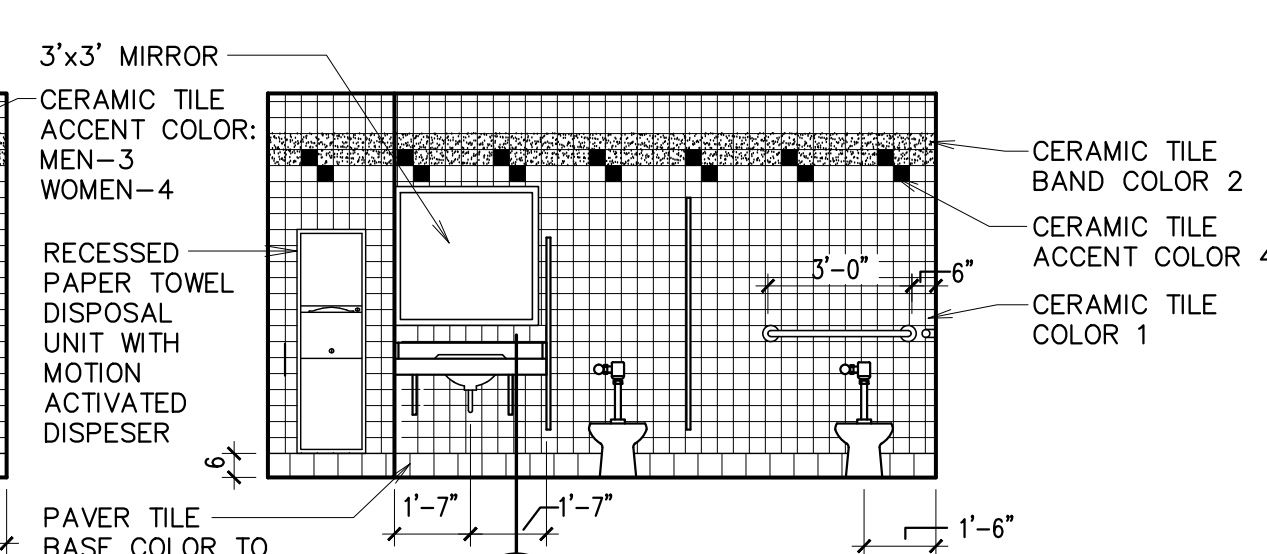
B MEN 513
1/4" = 1'-0"



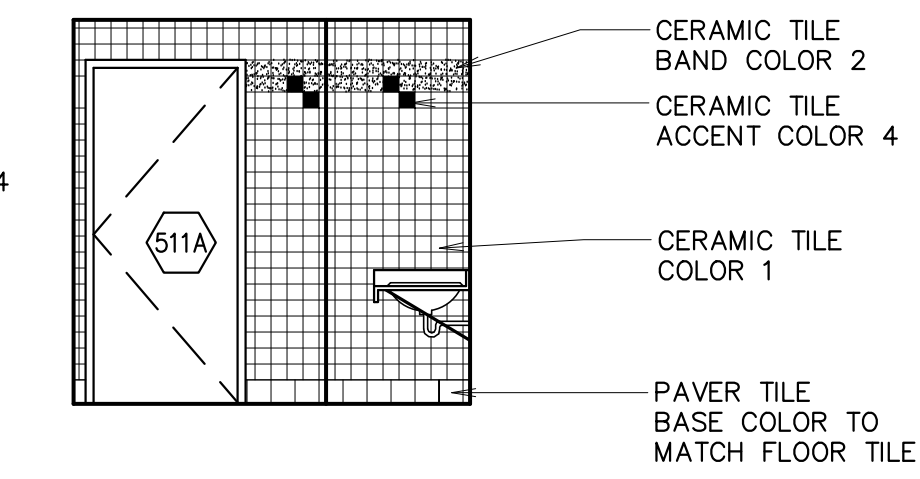
C MEN 513
1/4" = 1'-0"



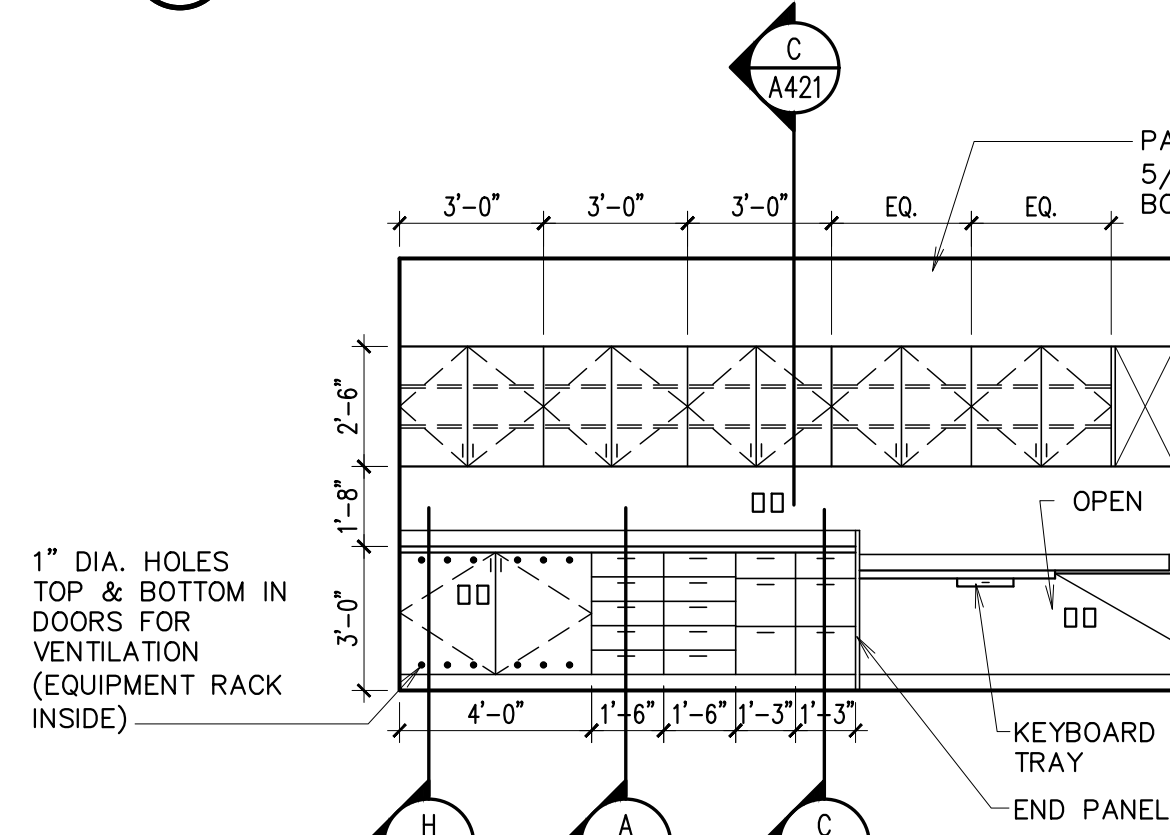
D MEN 513/
WOMEN 511 OPP.
1/4" = 1'-0"



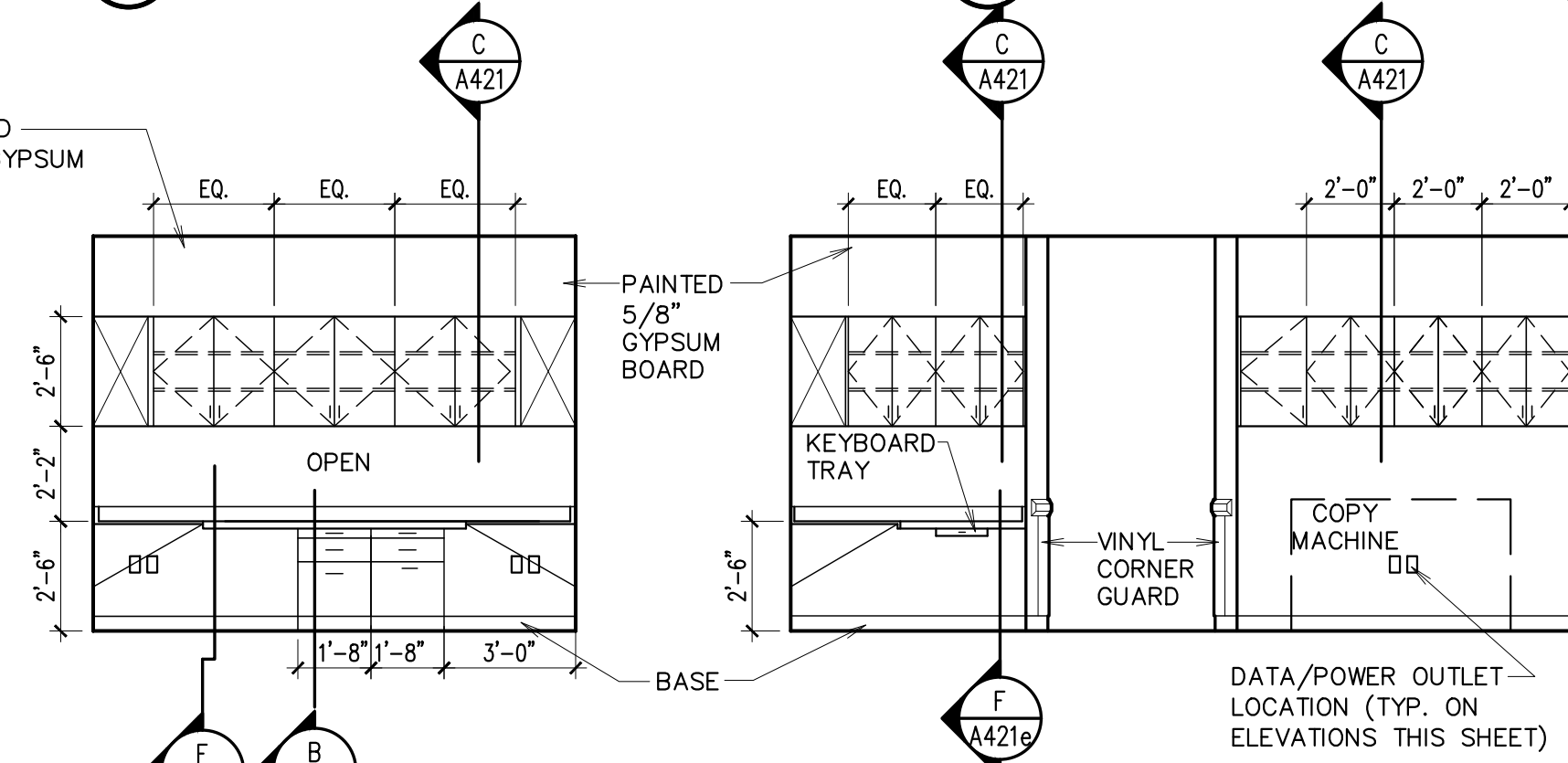
E WOMEN 511
1/4" = 1'-0"



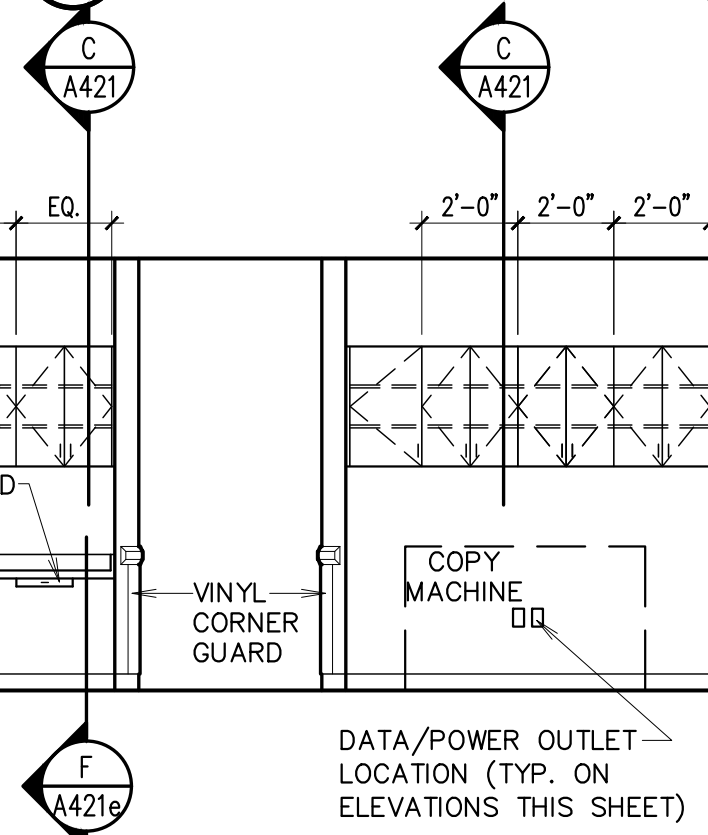
F WOMEN 511
1/4" = 1'-0"



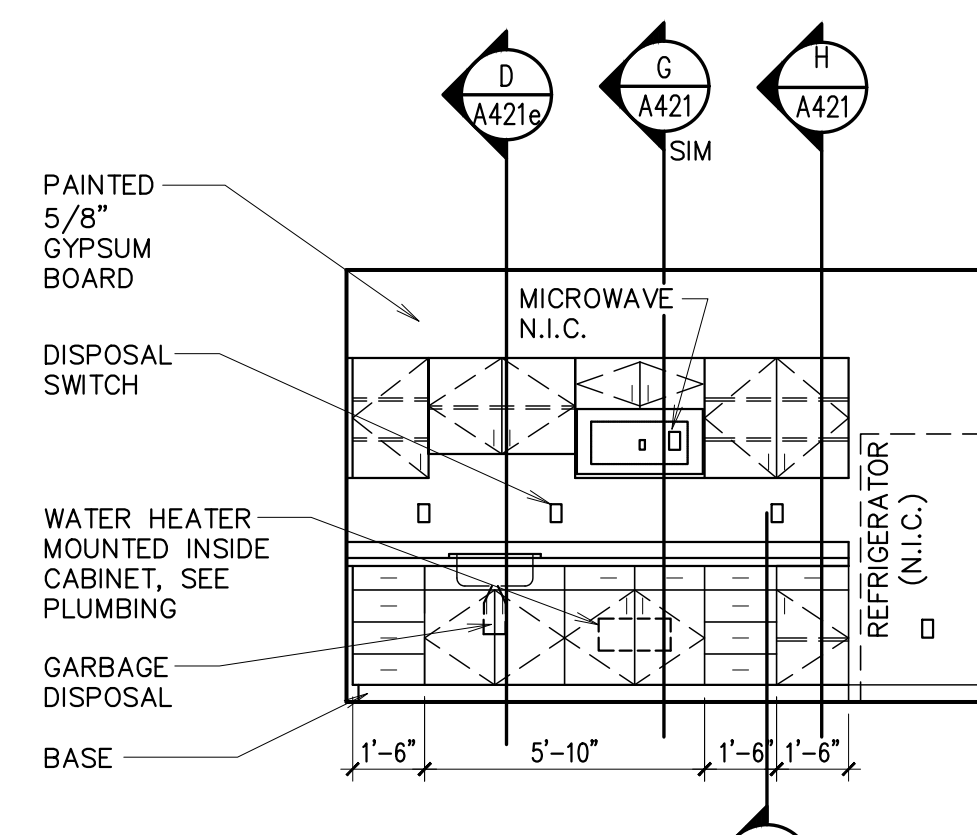
G WORK RM 507
1/4" = 1'-0"



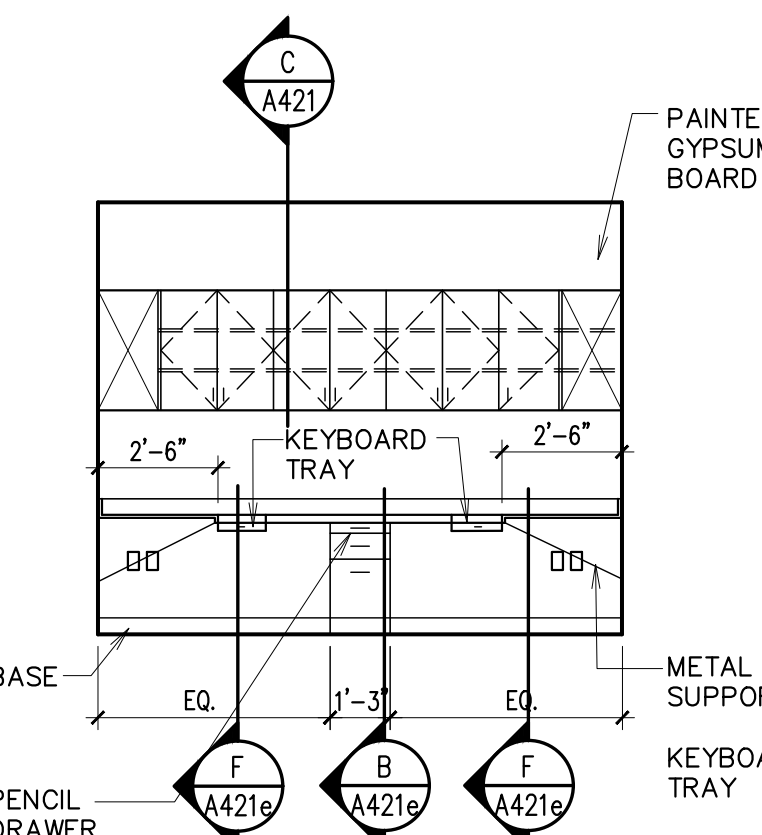
H WORK RM 507
1/4" = 1'-0"



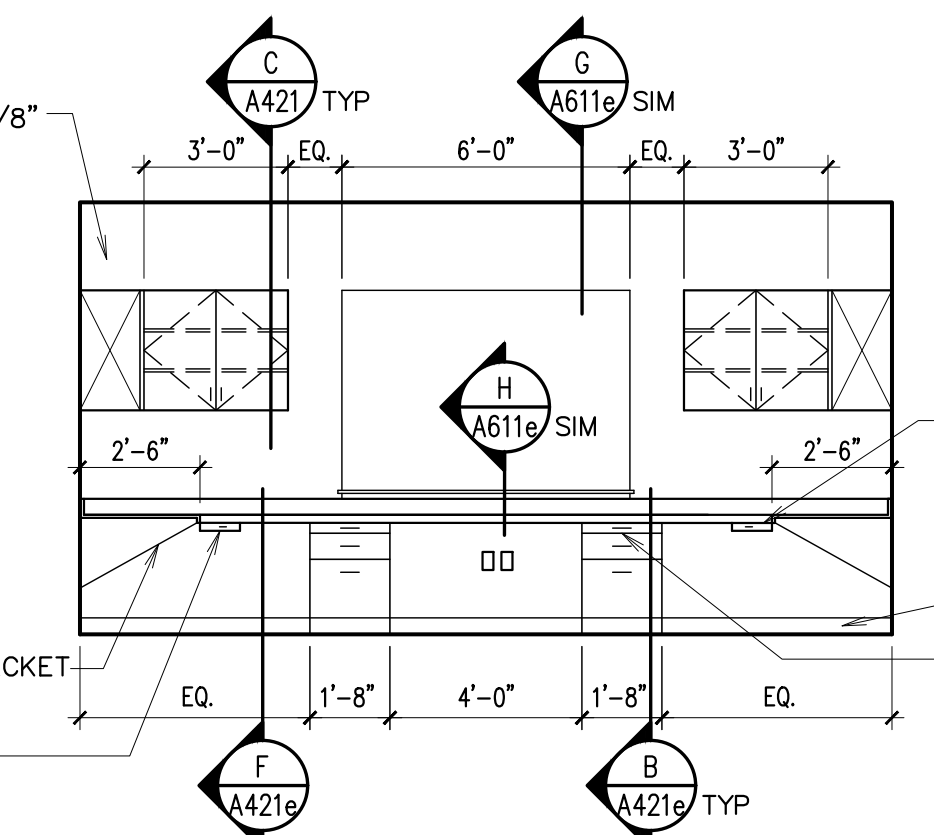
J WORK RM 507
1/4" = 1'-0"



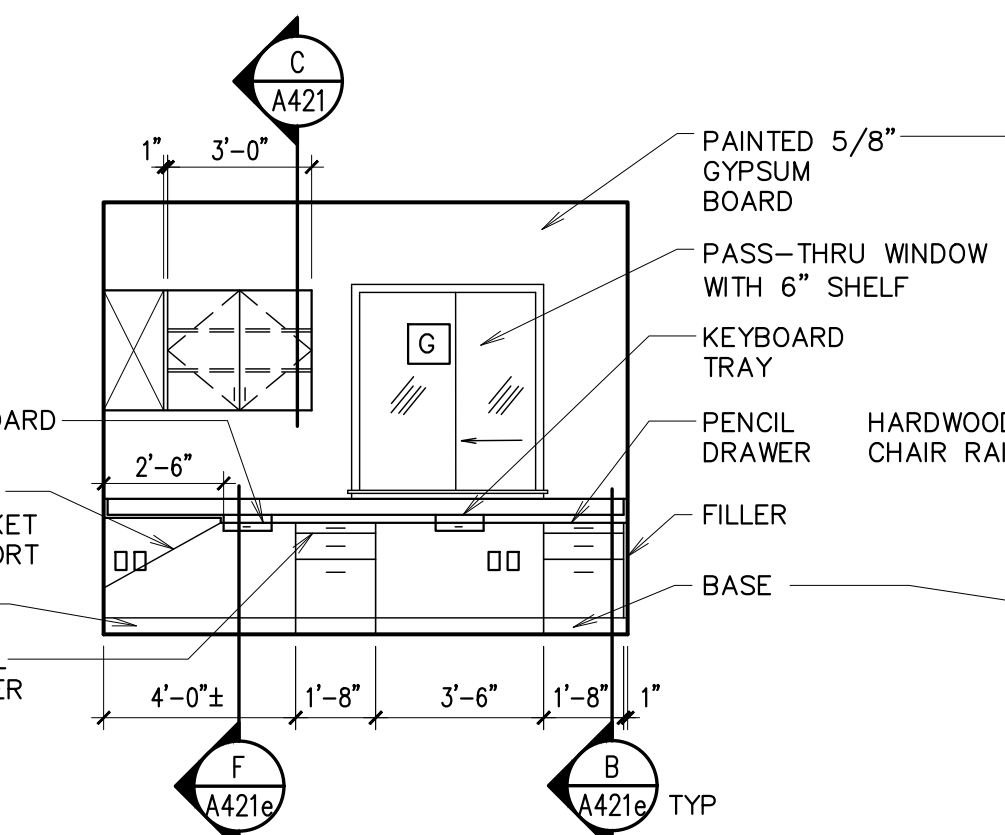
K BREAK ROOM 517
1/4" = 1'-0"



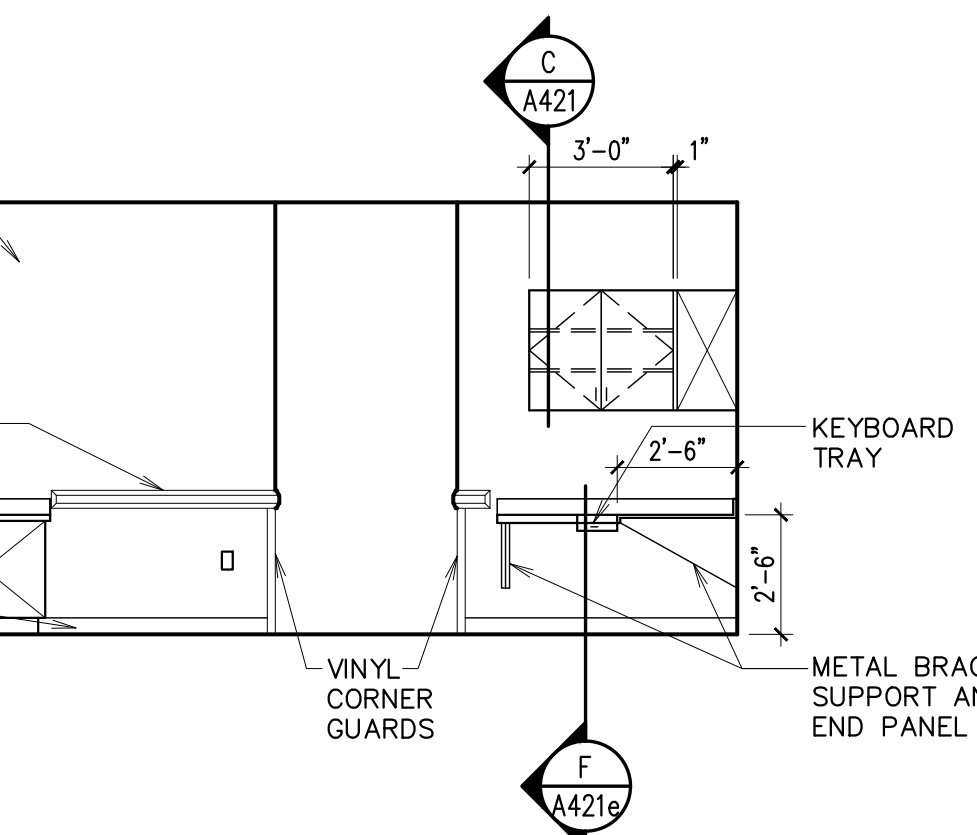
L SECRETARIAL 505
1/4" = 1'-0"



M SECRETARIAL 505
1/4" = 1'-0"

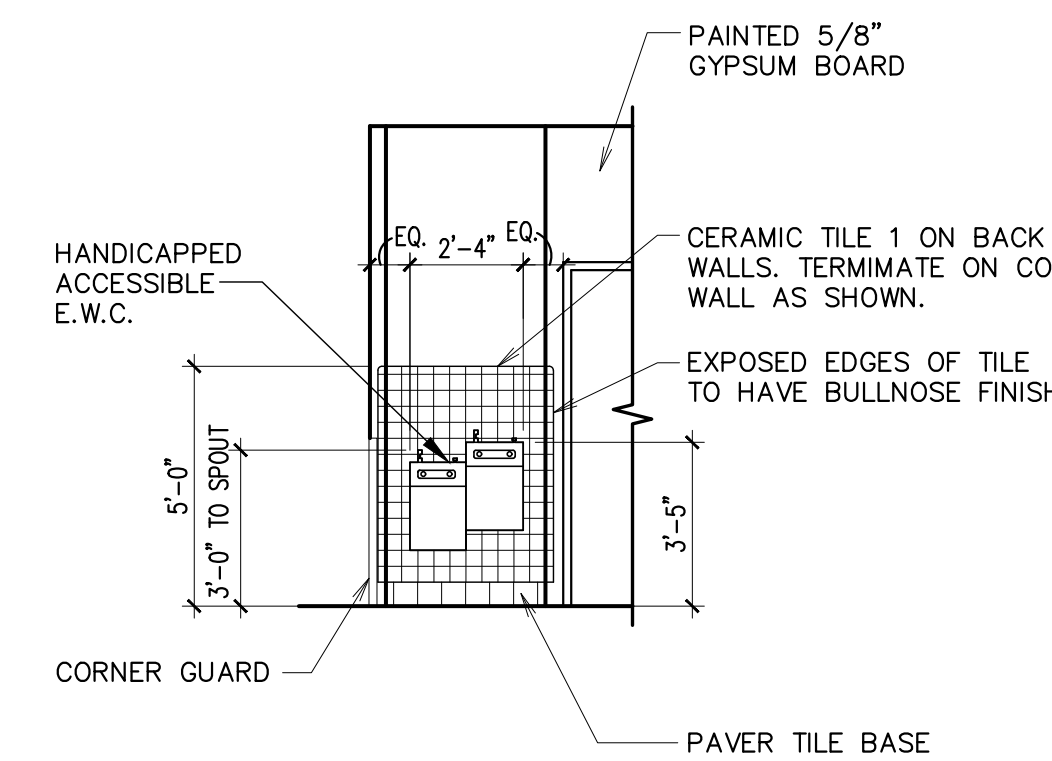


N SECRETARIAL 505
1/4" = 1'-0"

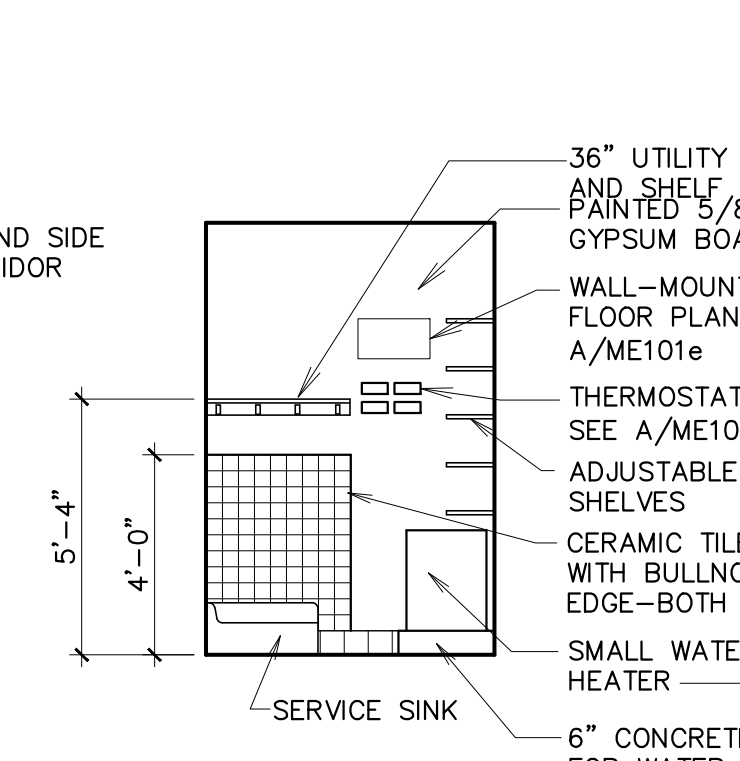


P SECRETARIAL 505
1/4" = 1'-0"

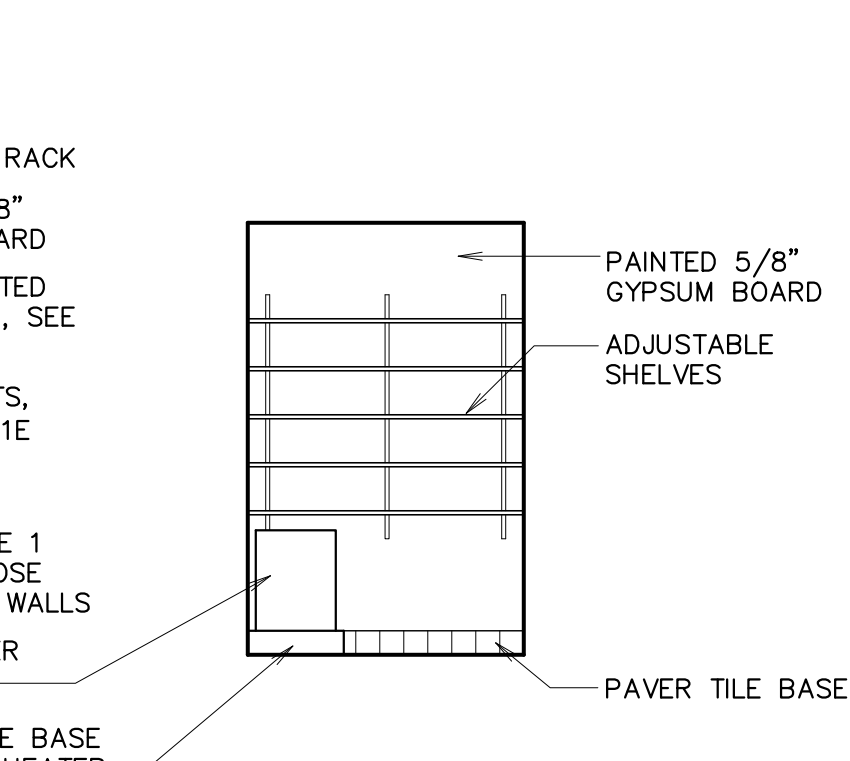
NOTE:
ALL UPPER AND LOWER CABINETS AND LOWER DRAWERS TO HAVE LOCKS IN ROOMS 505 AND 507



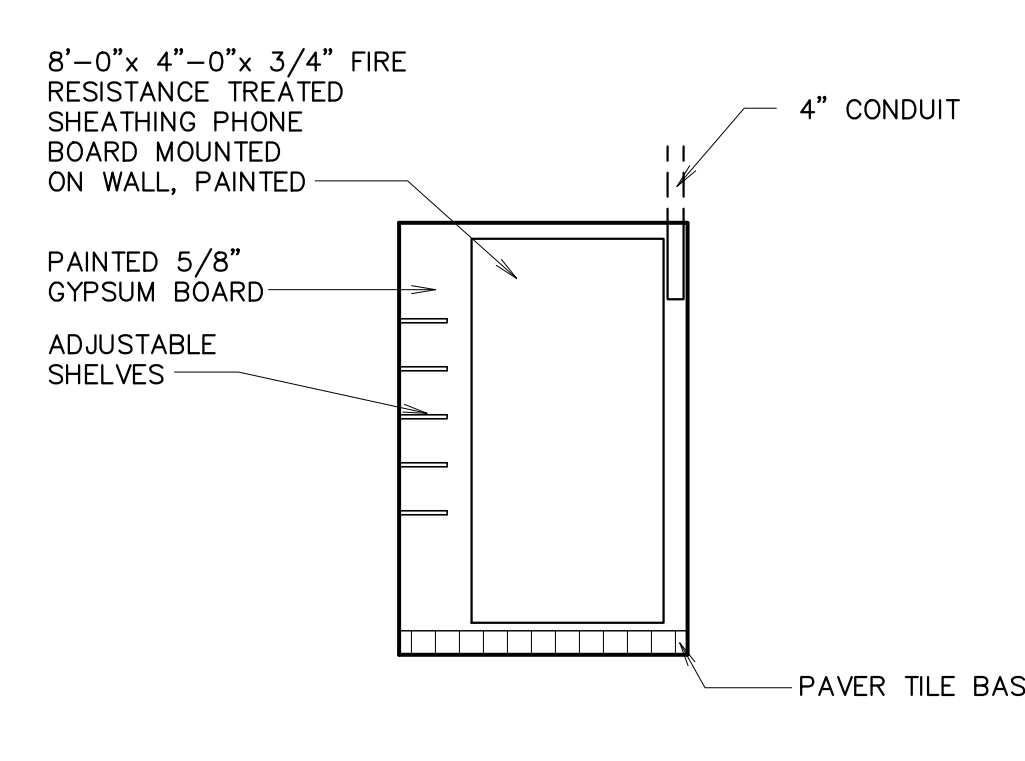
Q ADA DRINKING FOUNTAIN
1/4" = 1'-0"



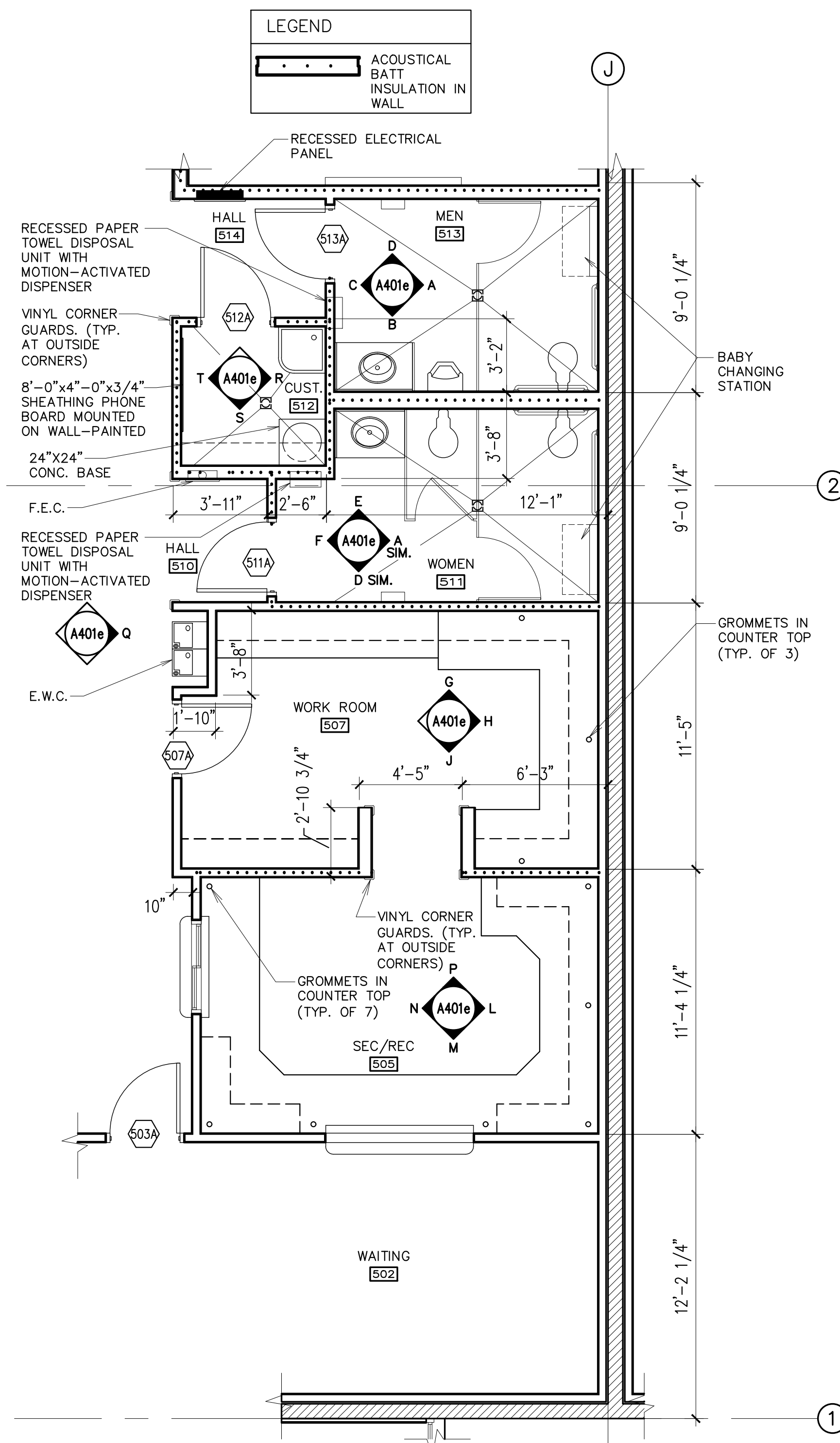
R CUSTODIAN 512
1/4" = 1'-0"



S CUSTODIAN 512
1/4" = 1'-0"



T CUSTODIAN 512
1/4" = 1'-0"



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

Project Name

Project Address

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

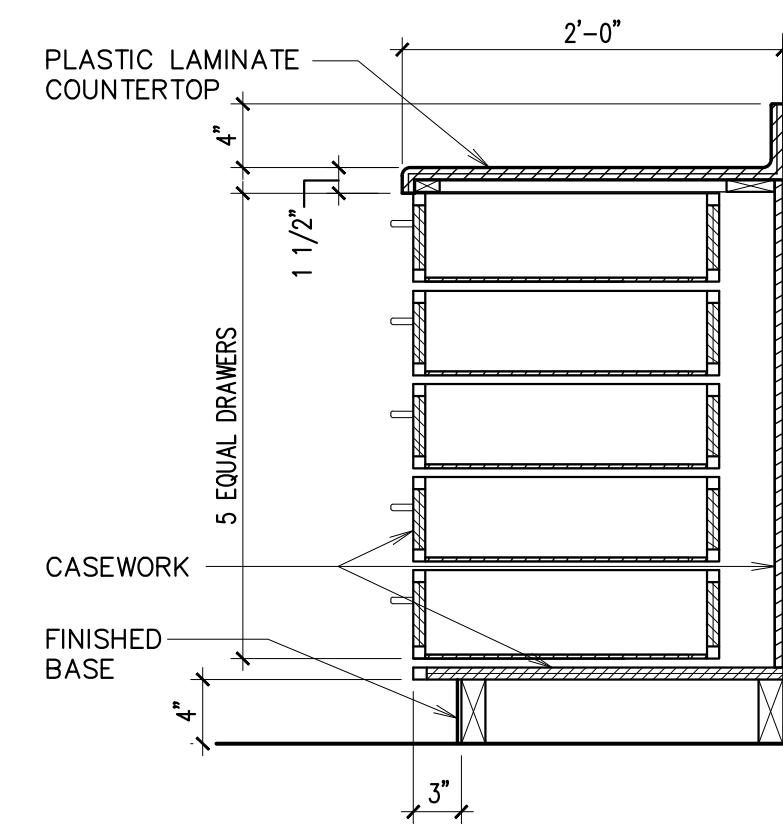
Table with 2 columns: Mark, Description

Project Number:

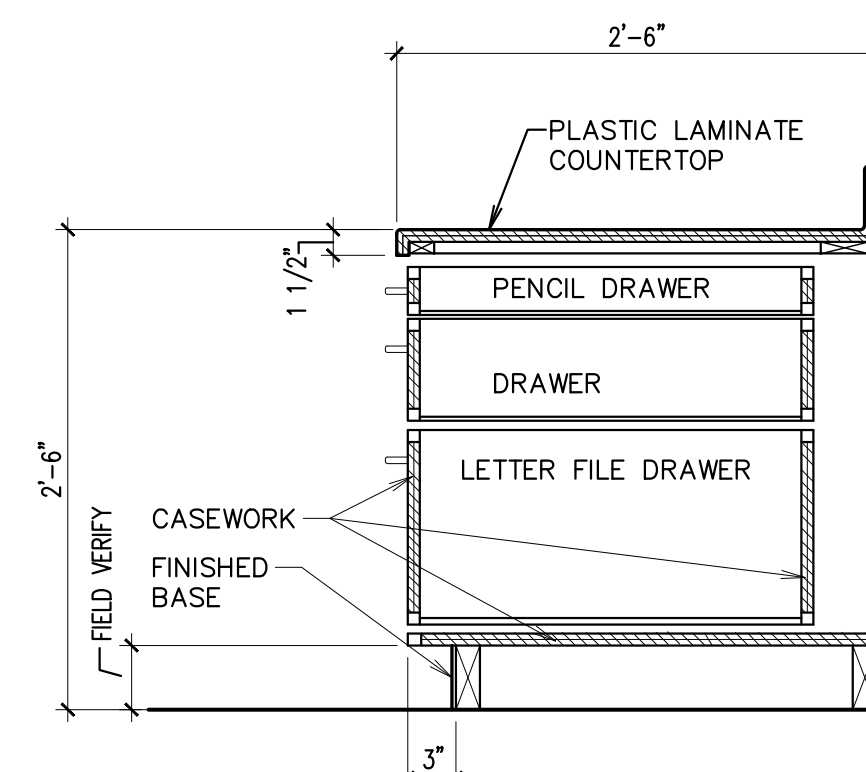
Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
ENLARGED FLOOR PLAN AND INTERIOR ELEVATIONS (FAMILY SERVICES MODULE)

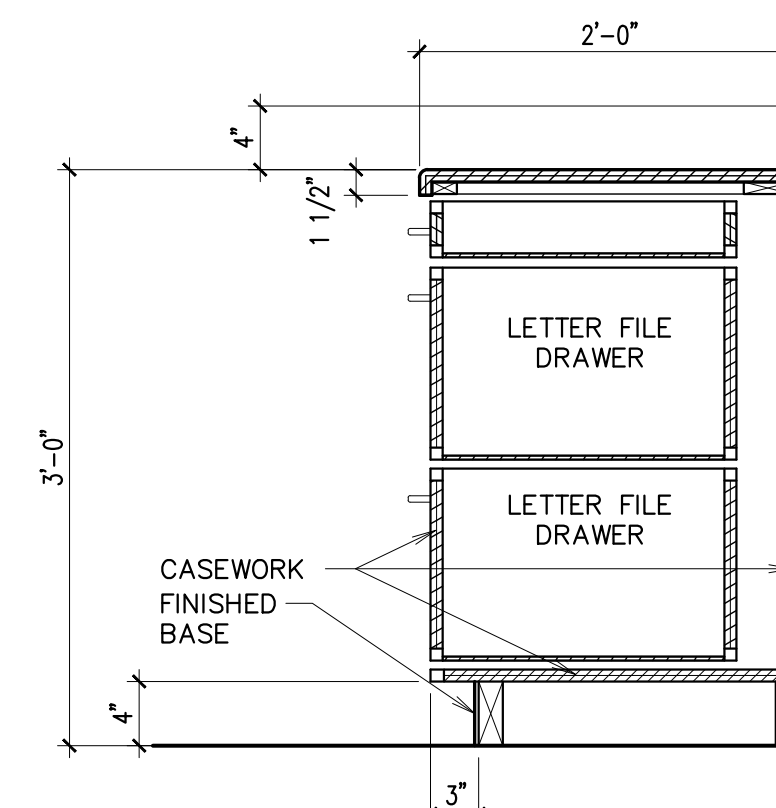
Sheet:
A401e



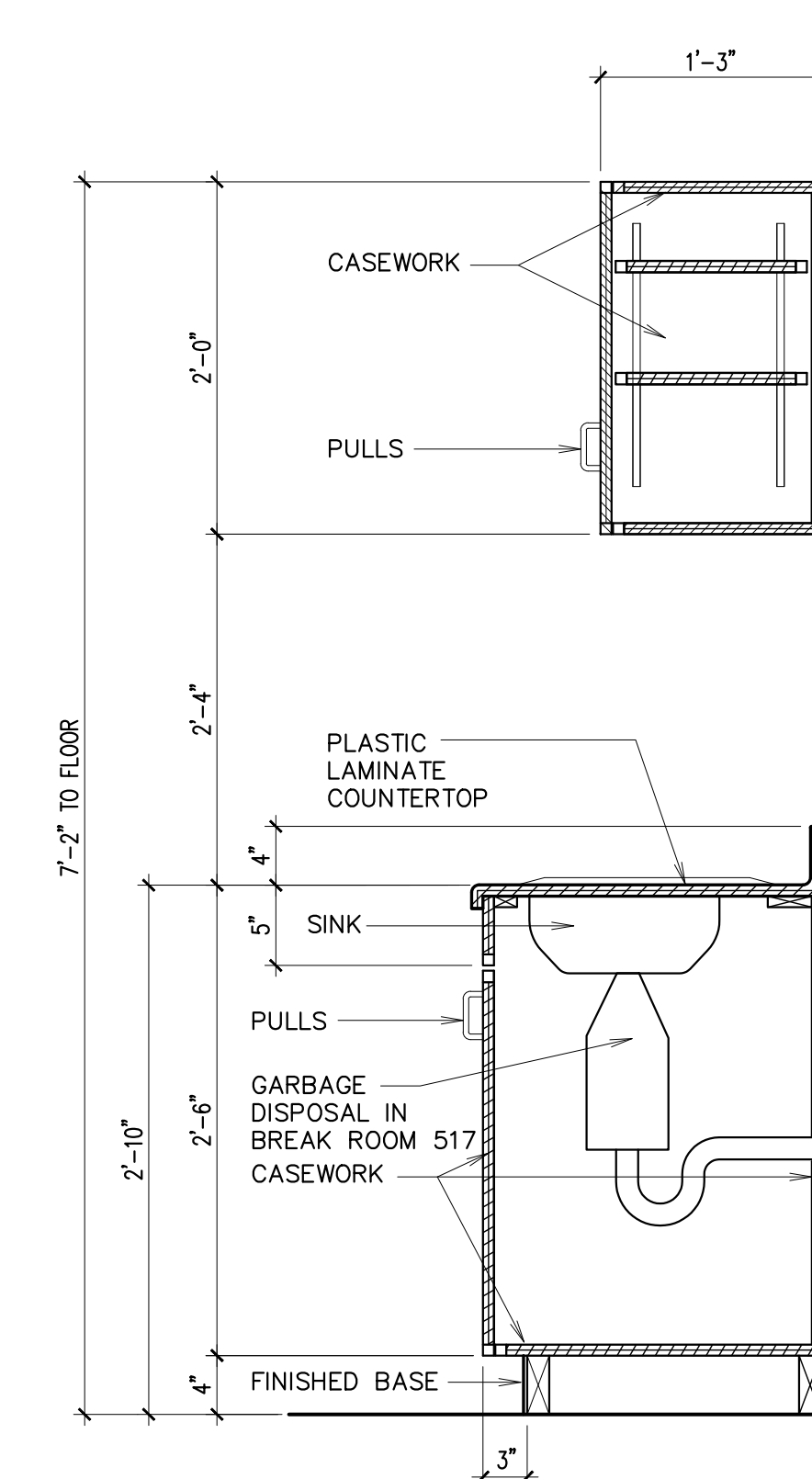
A CABINET SECTION
1" = 1'-0"



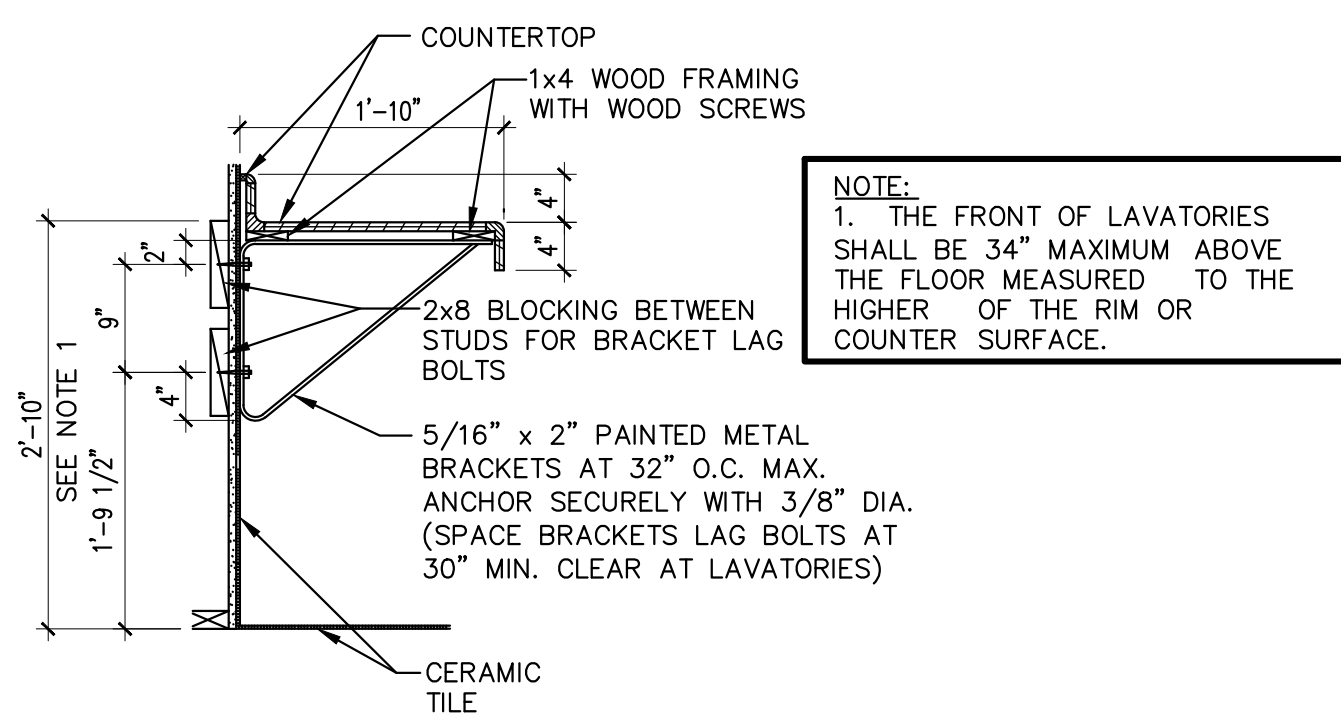
B CABINET SECTION
1" = 1'-0"



C CABINET SECTION
1" = 1'-0"

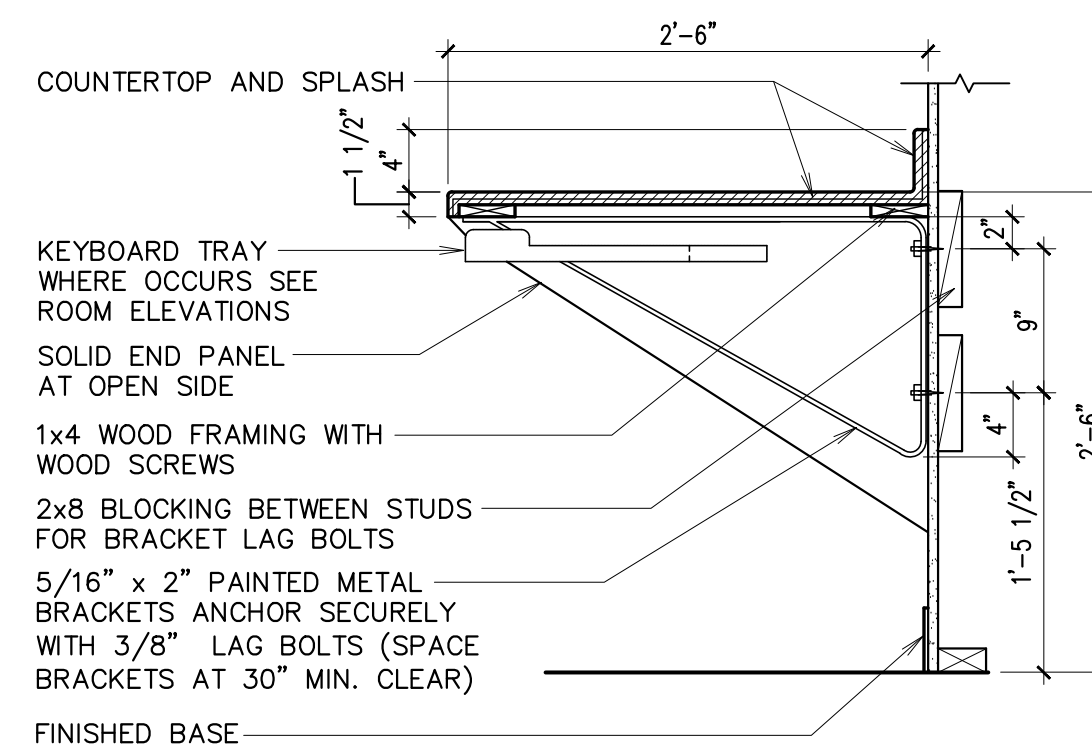


D CABINET SECTION
1" = 1'-0"

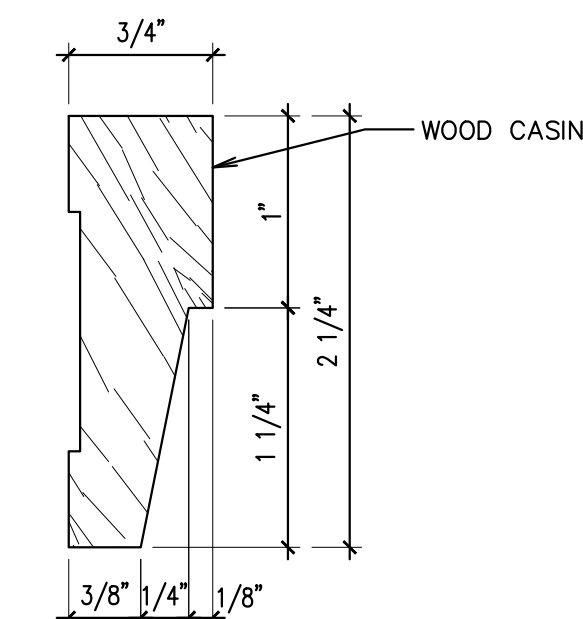


E VANITY COUNTER
3/4" = 1'-0"

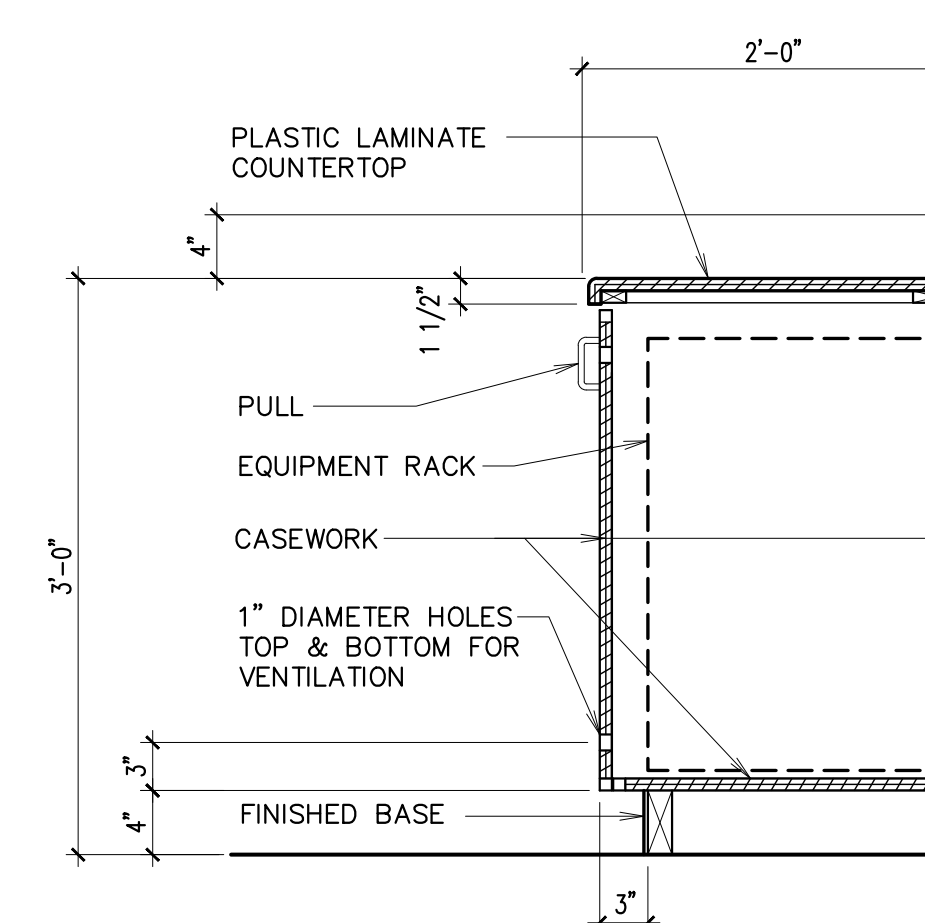
NOTE:
1. THE FRONT OF LAVATORIES SHALL BE 34" MAXIMUM ABOVE THE FLOOR MEASURED TO THE HIGHER OF THE RIM OR COUNTER SURFACE.



F CABINET SECTION
1" = 1'-0"



G WOOD CASING
FULL SIZE



H CABINET SECTION
1" = 1'-0"

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	HEIGHT FINISH CEILING	SPECIAL TRIM OR EQUIPMENT	DESCRIPTION
----------	-----------	-------	------	-------	---------	-----------------------------	------------------------------	-------------

500 - FAMILY SERVICES							
501	VESTIBULE	F6	B2, B4	W1	C7	12'-8"	S11
502	WAITING	F1	B1	W1	C3	9'-0"	S11
503	HALL	F1	B1	W1	C3	9'-0"	S2, S11, S45
504	OFFICE	F1	B1	W1	C6	9'-0"	S11, S37, S39
505	SECRETARY/RECEPTION	F1	B1	W1	C3	9'-0"	S11, S16, S45
506	OFFICE	F1	B1	W1	C6	9'-0"	S11, S37, S39
507	WORKROOM	F1	B1	W1	C3	9'-0"	S11, S16, S45
508	OFFICE	F1	B1	W1	C6	9'-0"	S11, S37, S39
509	OFFICE	F1	B1	W1	C6	9'-0"	S11, S37, S39
510	HALL	F1	B1	W1	C1	9'-0"	S3, S11, S45
511	WOMEN	F2	B3	W3	C2	8'-0"	S13, S14, S15, S16, S18, S36
512	CUSTODIAN	F2	B3	W3, W1	C2	9'-0"	S8, S10, S46
513	MEN	F2	B3	W3	C2	8'-0"	S13, S14, S15, S16, S18, S36
514	HALL	F1	B1	W1	C1	9'-0"	S6, S11, S45
515	OFFICE	F1	B1	W1	C6	9'-0"	S11, S37, S39
516	CONFERENCE ROOM	F1	B1	W1	C6	9'-0"	S11, S17, S37, S39
517	BREAK ROOM	F4	B2	W1	C6	9'-0"	S11, S16, S37

F FLOOR	
F1	CARPET
F2	PAVER TILE
F3	CONCRETE W/ DENSIFIED STAIN-GUARD FINISH
F4	RESILIENT TILE FLOORING
F5	ENTRANCE MAT SYSTEM
F6	CARPET TILE
F7	PAINTED SHEATHING

B BASE	
B1	CARPET, SEE D/A503
B2	4" RUBBER (VINYL NOT ACCEPTABLE). RUBBER BASE TO BE ON GYPSUM BOARD ONLY. SEE C/A503. NO BASE ON CMU.
B3	PAVER TILE
B4	NONE (ON CMU WALLS)

W WALLS	
W1	5/8" GYPSUM BOARD - TEXTURED AND PAINTED
W2	CMU - PAINTED
W3	CERAMIC TILE
W4	DISPLAY PANELS OVER GYPSUM BOARD. SEE G/A601 FOR BRACKETS.
W5	FRP - FIBERGLASS REINFORCED PANEL (4'-0" HIGH)

C CEILING	
C1	5/8" GYPSUM BOARD - SKIP TROWEL FINISH - PAINTED (SUSPENSION SYSTEM)
C2	5/8" GYPSUM BOARD - SMOOTH FINISH - PAINTED (SUSPENSION SYSTEM)
C3	SUSPENDED ACOUSTICAL PANEL CEILING (2'x2' GRID)
C4	SUSPENDED ACOUSTICAL PANEL CEILING (2'x4' GRID)
C5	OPEN TO STRUCTURE (STRUCTURE AND MECHANICAL PAINTED)
C6	CEILING SUSPENSION SYSTEM WITH 5/8" GYPSUM BOARD AND 12"x12" ACOUSTICAL TILE
C7	5/8" GYPSUM BOARD - SKIP TROWEL - PAINTED (FRAMED CEILING)

S SPECIAL TRIM / EQUIPMENT	
S1	FIRE ALARM CONTROL PANEL - SEE SHEET FA101
S2	E.W.C. (ELECTRIC WATER COOLER)
S3	F.E.C. (FIRE EXTINGUISHER CABINET) SEE G/A503
S4	WALL MOUNTED FIRE EXTINGUISHER
S5	FITTING ROOMS - SEE K&L/A505
S6	ELECTRICAL PANEL
S7	TELEPHONE BOARD (PAINTED)/ PATCH PANELS
S8	CUSTODIAL UTILITY SHELF
S9	FLOOR MOUNTED CUSTODIAL SINK WITH S.S. WALL GUARD
S10	12" DEEP ADJUSTABLE SHELVING - SEE F/A601
S11	CHAIR RAIL - SEE P/A503
S12	CRASH RAIL - SEE H/A503
S13	BABY CHANGING STATION
S14	RESTROOM ACCESSORIES - SEE C/A404
S15	MIRROR
S16	BUILT-IN CABINETS AND/OR COUNTERTOPS
S17	PROJECTION SCREEN (WALL HUNG)
S18	TOILET COMPARTMENTS
S19	PIPE RAILINGS - PAINTED
S20	DOCK LEVELERS
S21	BATTERY CHARGER
S22	STEEL LADDER - PAINTED
S23	STACKED WASHER AND DRYER (2 EACH)
S24	WALL PHONE
S25	BUMPER GUARD SEE N/A503
S26	STAINLESS STEEL COLUMN GUARDS AT EACH COLUMN (4'-0" HIGH) SEE J/A503
S27	VISUAL DISPLAY BOARD "V7"
S28	VISUAL DISPLAY BOARD "V6"
S29	VISUAL DISPLAY BOARD "V13"
S30	VISUAL DISPLAY BOARD "V3"
S31	VISUAL DISPLAY BOARD "V10"
S32	INSULATION/FINISH BOARD SYSTEM FROM ELEV. 110'-0" UP TO ROOF DECK AT CMU WALLS
S33	COLLECTIBLE/NEW VALUE MERCHANDISE WIRE PARTITIONS
S34	VINYL CORNER GUARD BELOW CHAIR RAIL/CRASH RAIL AT OUTSIDE CORNERS
S35	WALL MOUNTED FLAT PANEL TV BRACKET, SEE G/A502
S36	ELECTRIC HAND DRYER
S37	WINDOW BLIND
S38	STAINLESS STEEL CORNER GUARD (4'-0" HIGH) SEE DETAILS J/A503 AND G/A506
S39	COAT RACK SEE DETAIL C/F101
S40	SHOPPING CART BUMPER RAILS, SEE DETAIL B/A503
S41	SEE G/A601 FOR WALL PAINT COLOR SCHEME
S42	COLUMN GUARD (3'-6" HIGH) SEE DETAIL R/A506
S43	DVD PLAYER SHELF, SEE C/A502
S44	WALL CLOCK
S45	VINYL CORNER GUARD, FROM BASE TO CHAIR RAIL, AND ABOVE CHAIR RAIL TO 48" A.F.F. AT OUTSIDE CORNERS. FLOOR MOUNTED CUSTODIAL SINK AND CERAMIC TILE BACKSPASH
S46	

NOTE:
CARPET, CARPET BASE, CARPET TILE, VCT, AND RESILIENT BASE ARE OWNER FURNISHED AND INSTALLED. CONCRETE FLOOR SLAB PREPARATION BY CONTRACTOR. SEE SCHEDULES ON SHEET F103

Architect / Engineer:

Stamp:

Project Name

Project Address

Project for:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (m-m-y)	Description

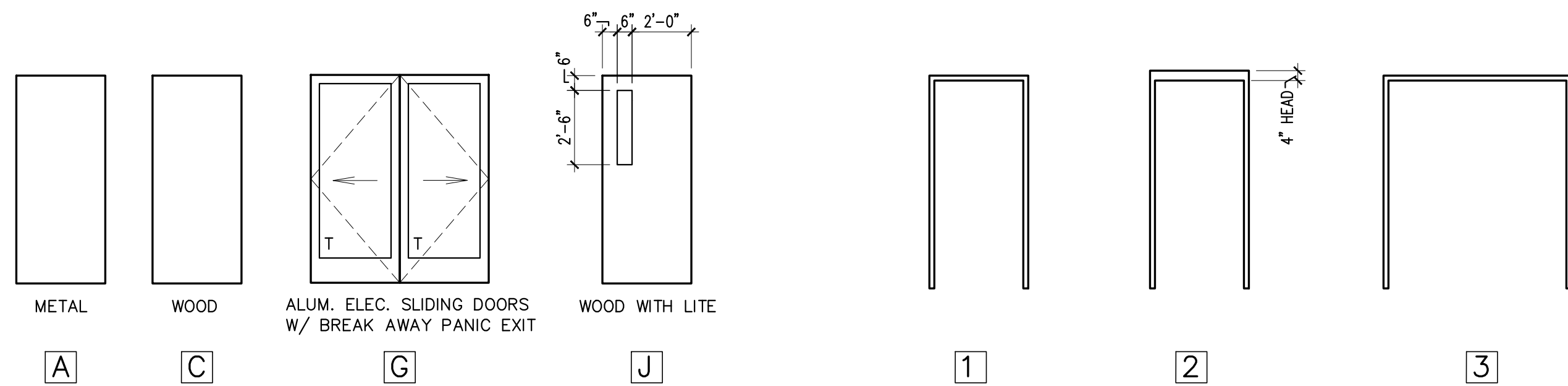
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Plan Series:
DI-MOD-FS-09-15

Property Number:

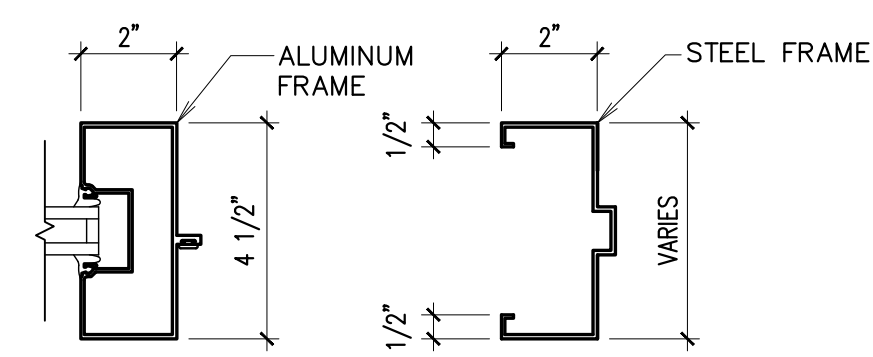
Sheet Title:
FINISH SCHEDULE AND DETAILS (FAMILY SERVICES MODULE)

Sheet:
A601e

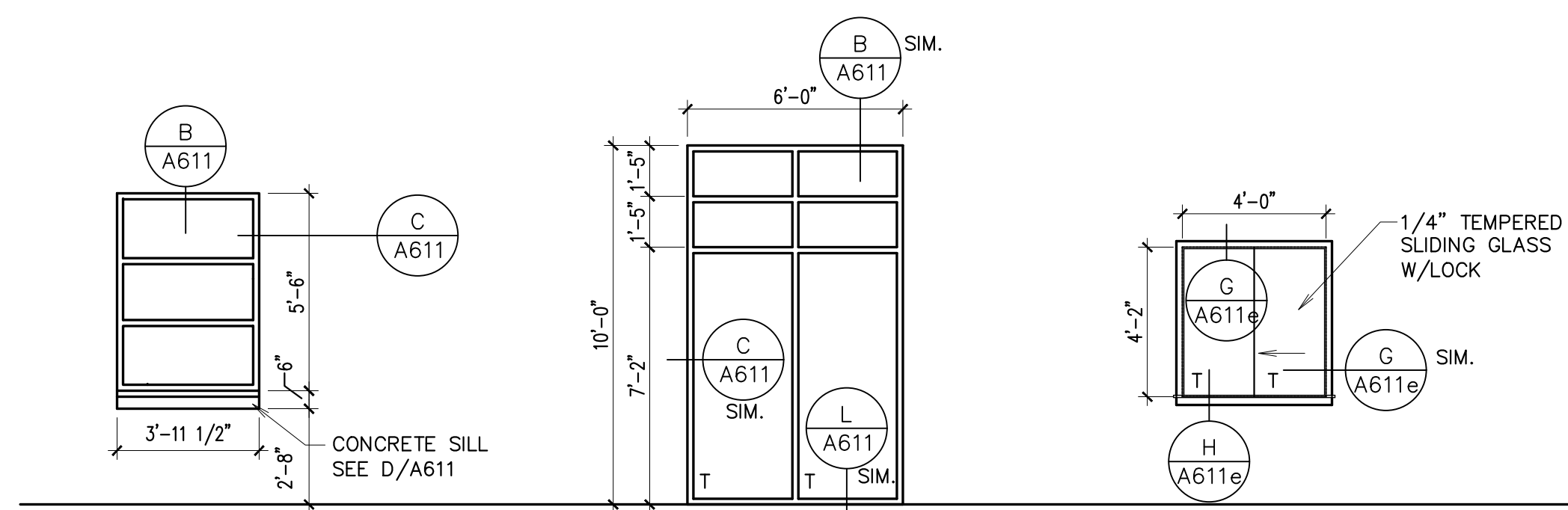


DOOR TYPES
1/4" = 1'-0"

FRAME TYPES
NO SCALE

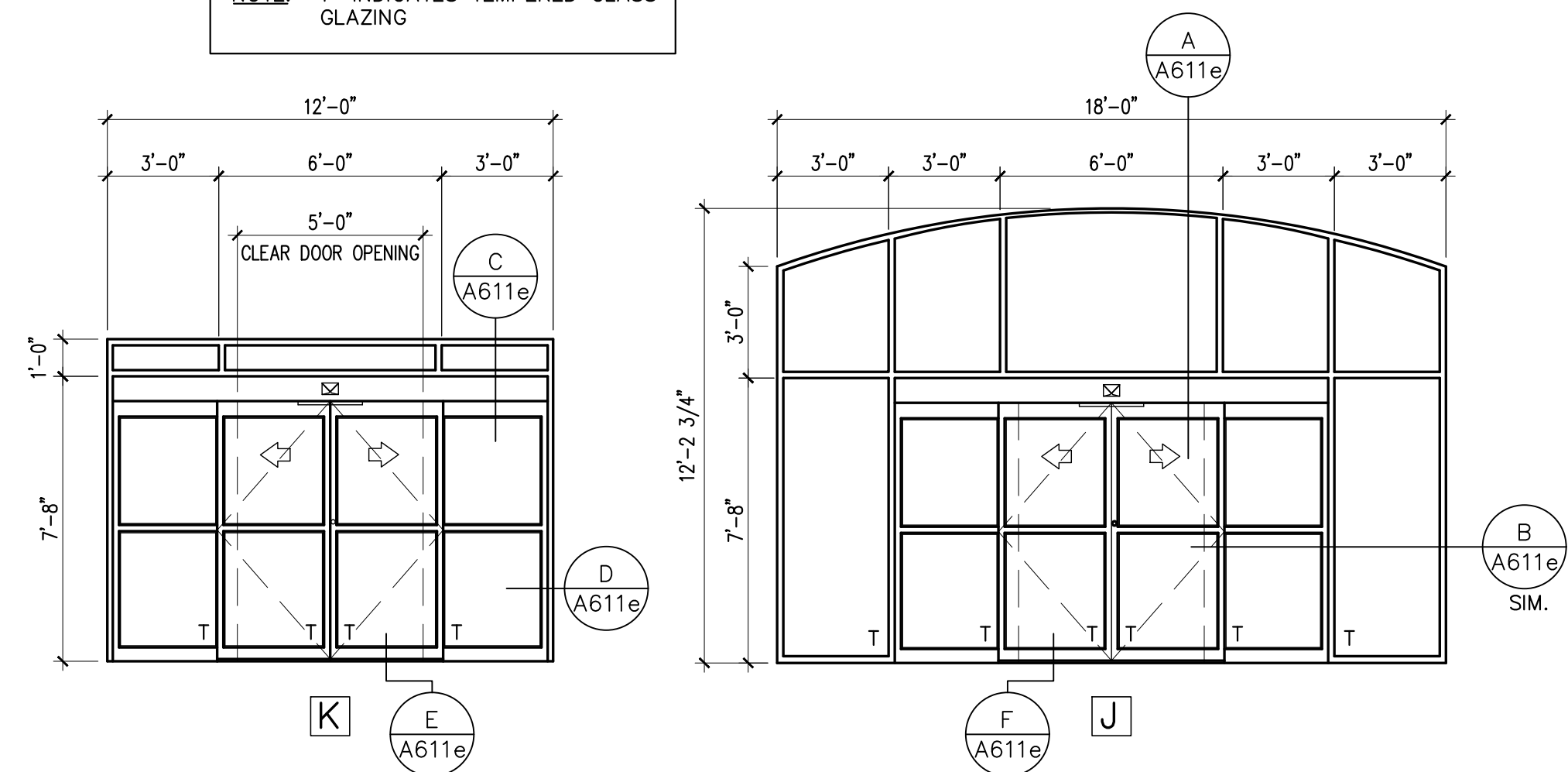


FRAME PROFILES
3" = 1'-0"



WINDOW TYPES
1/4" = 1'-0"

NOTE: "T" INDICATES TEMPERED GLASS GLAZING



WINDOW WALL TYPES
1/4" = 1'-0"

DOOR SCHEDULE

MARK	DOOR						FRAME		FIRE RATING	THRESHOLD	HARDWARE GROUP	REMARKS	DESCRIPTION			
	ROOM	TYPE	PAIR	SINGLE	SIZE	GLAZING	DETAILS									
							HEAD	JAMB								
500 - FAMILY SERVICES																
501A	501	G	●		S1	G1	A	3	J	A/A611e	B/A611e	T11	SL1	R1, R3	S	SIZE
502A	502	G	●		S1	G1	A	3	K	C/A611e	D/A611e	T10	SL1	R1	S1	3'-0" x 7'-0"
503A	503	J		●	S1	G2	M	1		F/A611	F/A611 SIM.			25A		
503B	503	A		●	S1	M	2			N/A611	P/A611		T5	2C	R4	
504A	504	C		●	S1	M	1			K/A611e SIM.	K/A611e		T9	26		
506A	506	C		●	S1	M	1			K/A611e SIM.	K/A611e		T9	26		
507A	507	J		●	S1	G2	M	1		F/A611	F/A611 SIM.			25A		
508A	508	C		●	S1	M	1			K/A611e SIM.	K/A611e		T9	26		
509A	509	C		●	S1	M	1			K/A611e SIM.	K/A611e		T9	26		
511A	511	C		●	S1	M	1			F/A611	F/A611 SIM.		T4	28F		
512A	512	C		●	S1	M	1			F/A611	F/A611 SIM.		T4	24A		
513A	513	C		●	S1	M	1			F/A611	F/A611 SIM.		T4	28F		
515A	515	C		●	S1	M	1			K/A611e SIM.	K/A611e		T9	26		
516A	516	C		●	S1	M	1			K/A611e SIM.	K/A611e		T9	26		
517A	517	C		●	S1	M	1			K/A611e SIM.	K/A611e		28F			

- DOOR TYPES**
- A 1 3/4" H.M. DOOR
 - B NOT USED
 - C 1 3/4" WOOD DOOR
 - D NOT USED
 - E NOT USED
 - F NOT USED
 - G ALUMINUM ELECTRIC SLIDING DOORS (W/ BREAK-AWAY PANIC EXITING)
 - H NOT USED
 - J 1 3/4" WOOD DOOR W/ LITE
- GLASS**
- G1 INSULATED (DOUBLE GLAZE)
 - G2 1/4" PLATE (SINGLE GLAZE)

- THRESHOLD**
- T1 NOT USED
 - T2 NOT USED
 - T3 NOT USED
 - T4 STONE THRESHOLD - SEE D/A506
 - T5 METAL THRESHOLD - SEE E/A506
 - T9 METAL THRESHOLD - SEE J/A611e
 - T10 METAL THRESHOLD - SEE E/A611e
 - T11 METAL THRESHOLD - SEE F/A611e

- REMARKS**
- R1 NO CENTER MULLION
 - R2 NOT USED
 - R3 SIGNAGE ON GLASS
 - R4 NO EXTERIOR HARDWARE

Architect / Engineer:

Stamp:

Project Name
Project Address

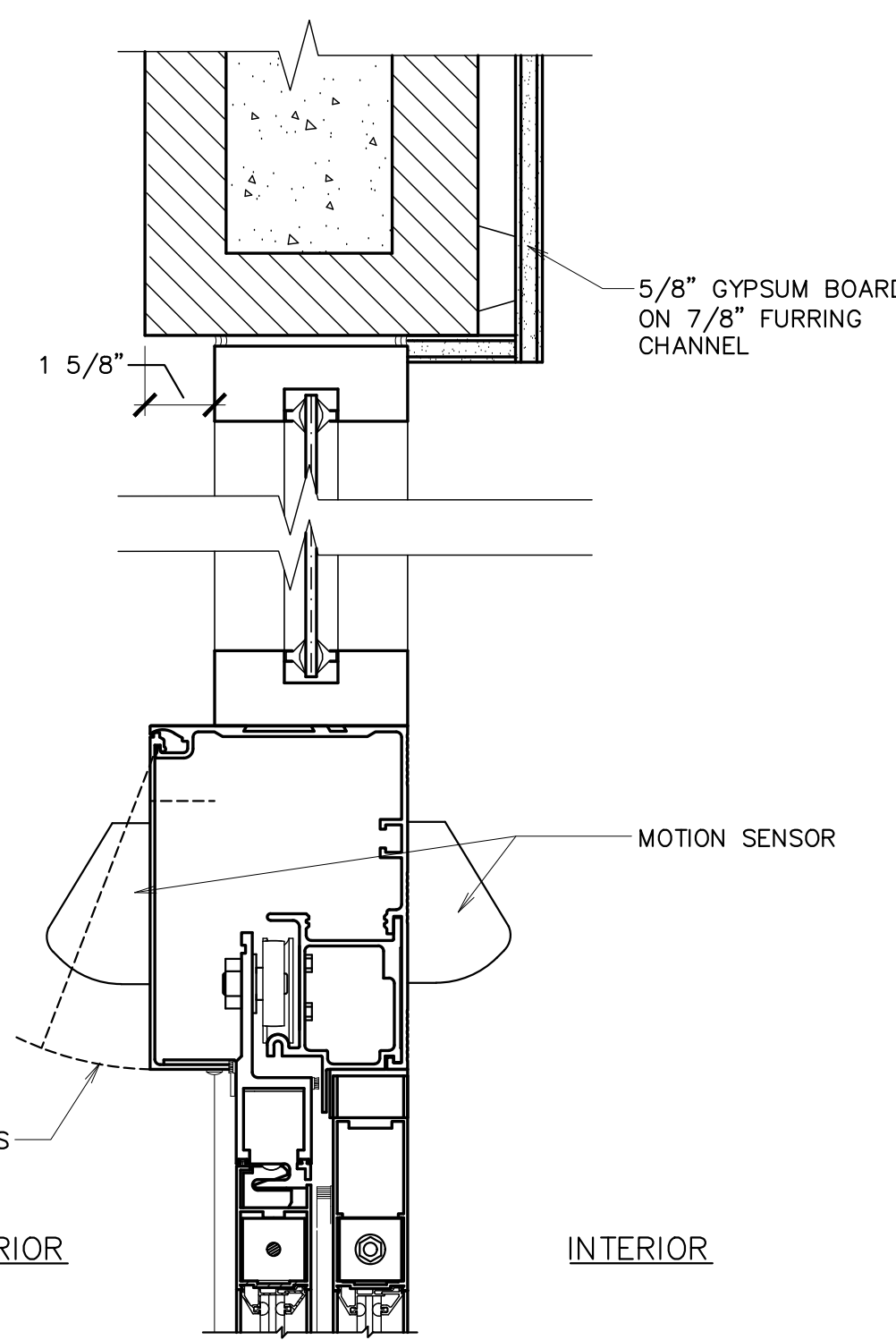
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date	Description

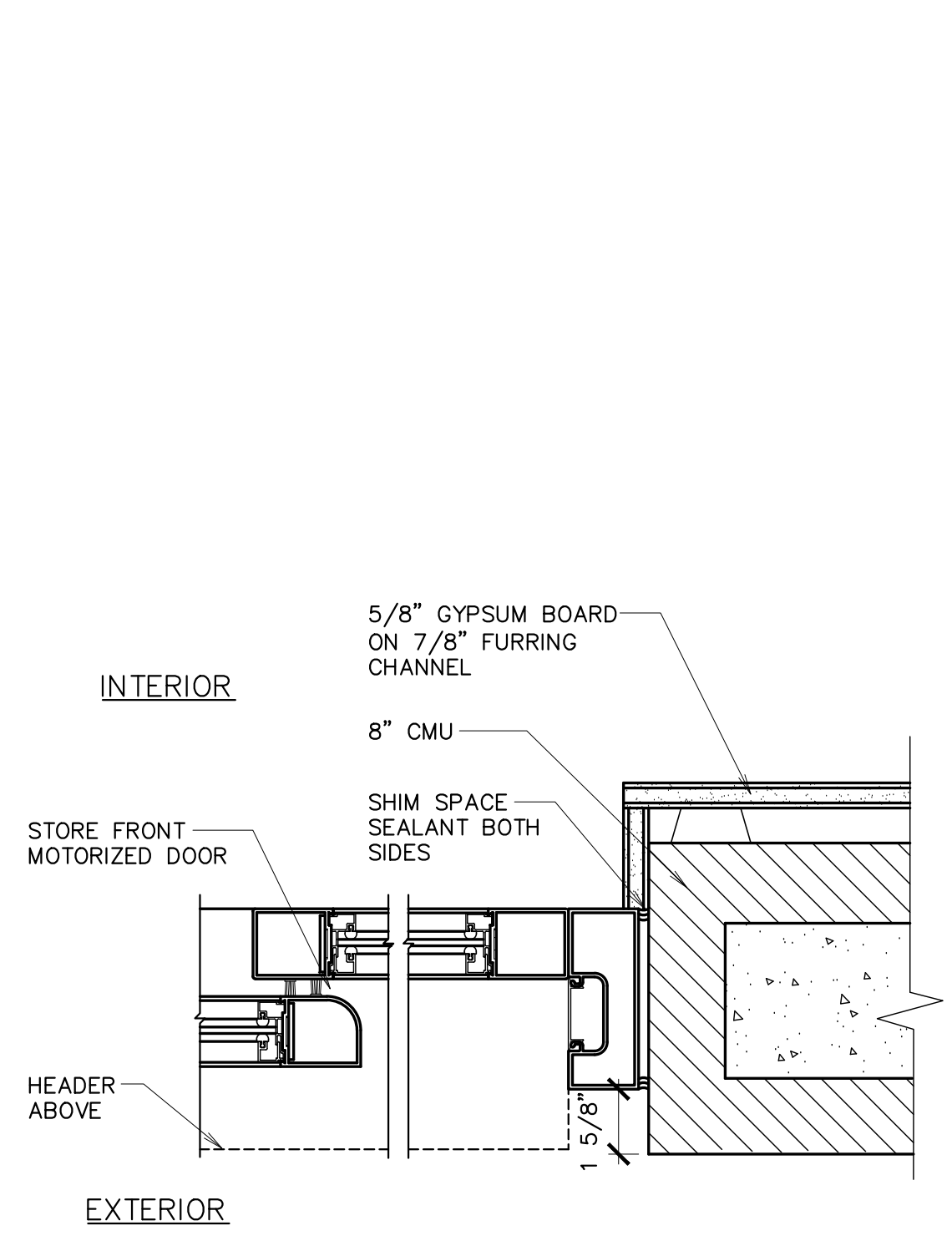
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Plan Series: DI-MOD-FS-09-15
Property Number: ***

Sheet Title:
DOOR SCHEDULE, DOOR AND WINDOW TYPES (FAMILY SERVICES MODULE)

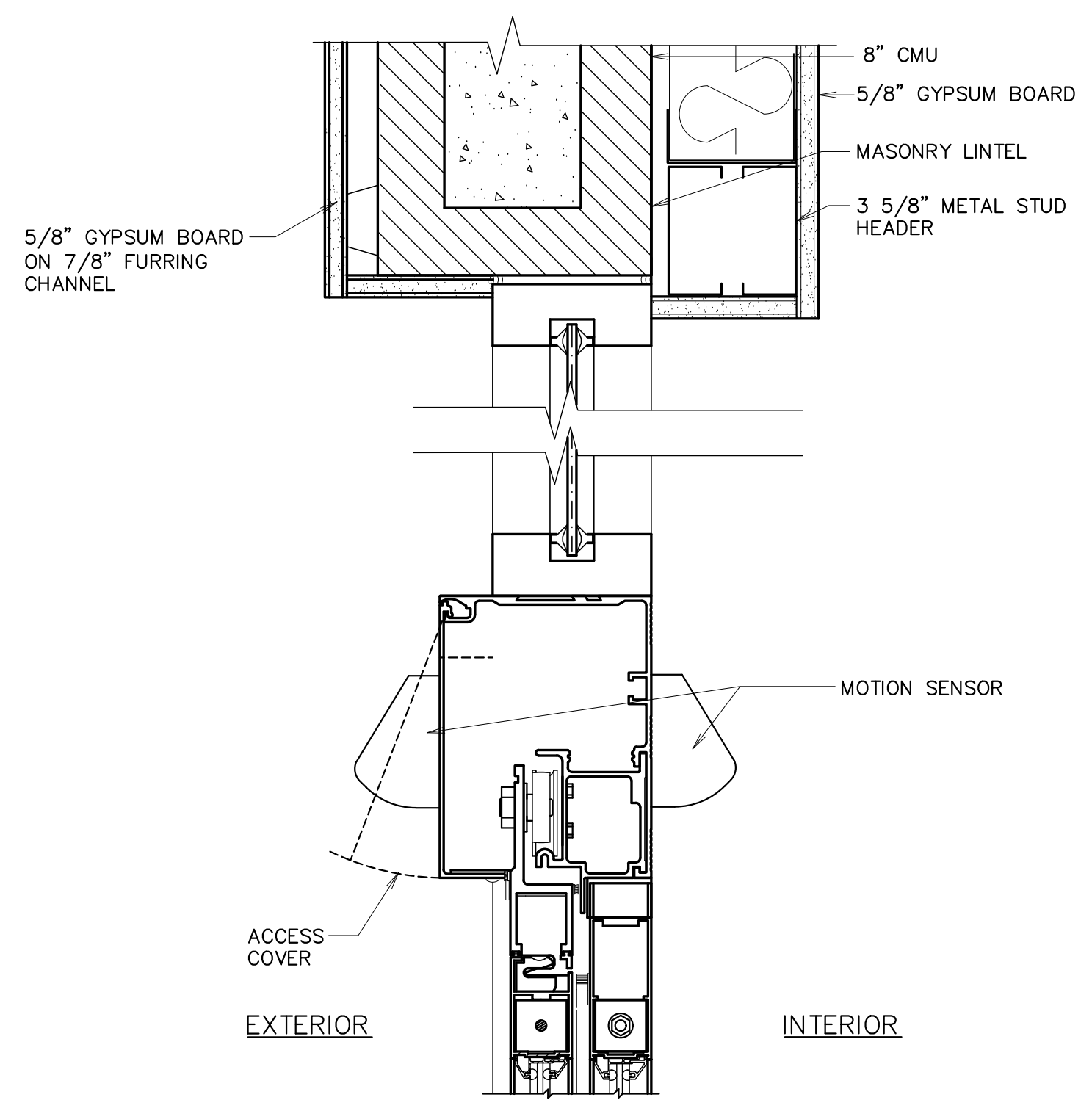
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A602e



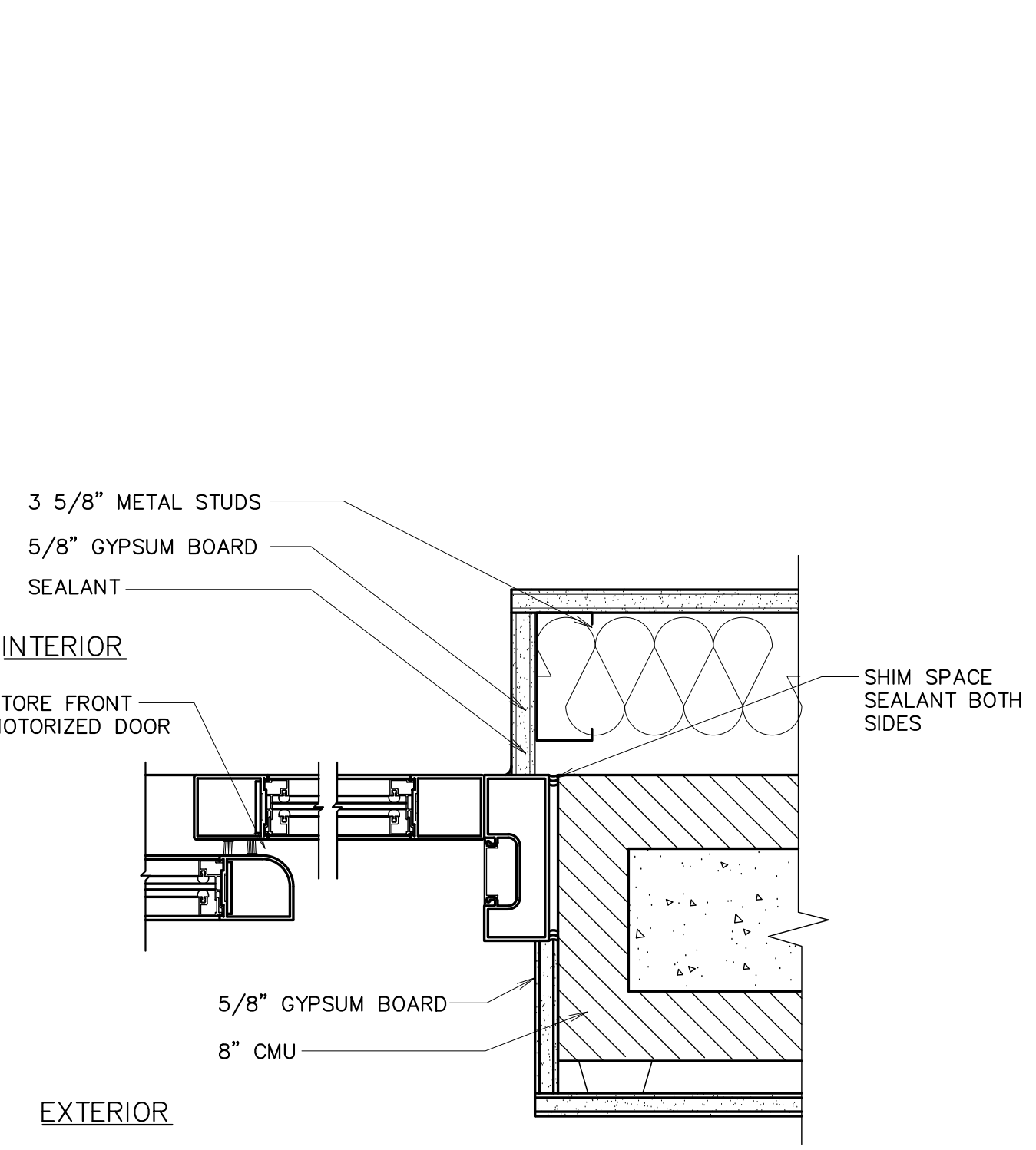
A EXTERIOR STOREFRONT HEAD
3" = 1'-0"



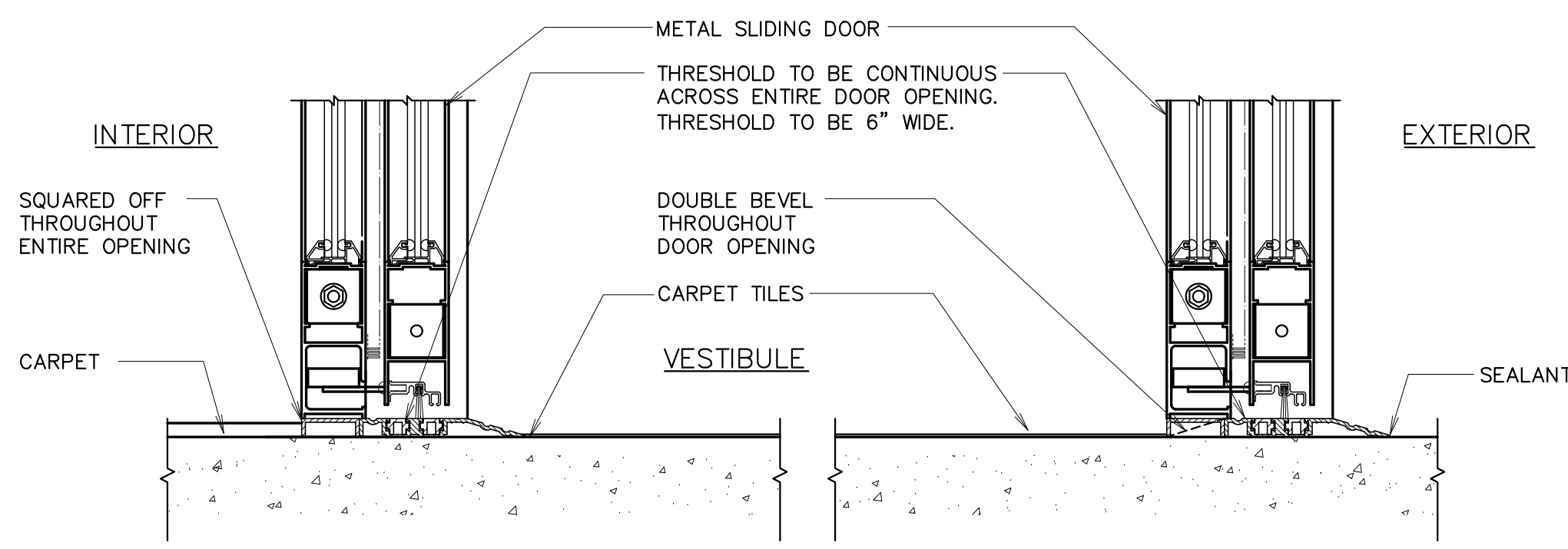
B EXTERIOR STOREFRONT JAMB
3" = 1'-0"



C INTERIOR STOREFRONT HEAD
3" = 1'-0"

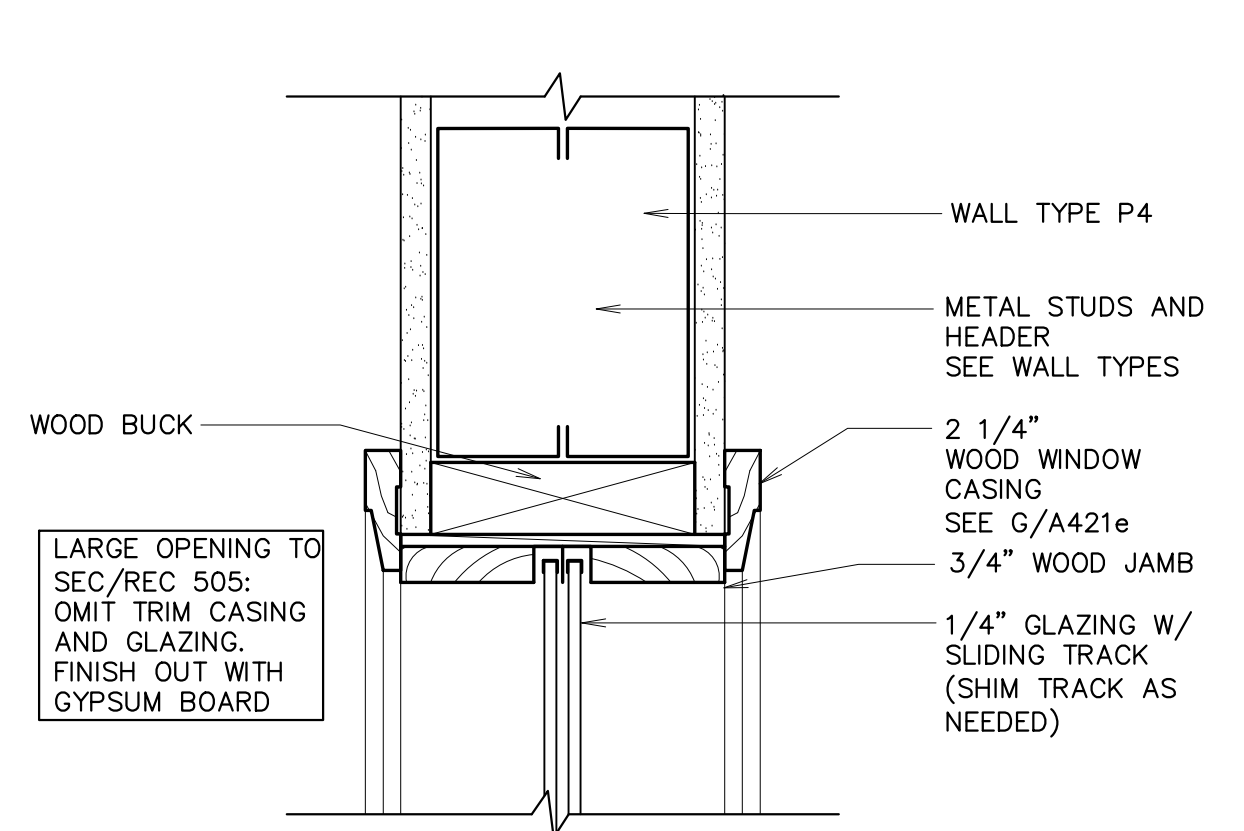


D INTERIOR STOREFRONT JAMB
3" = 1'-0"

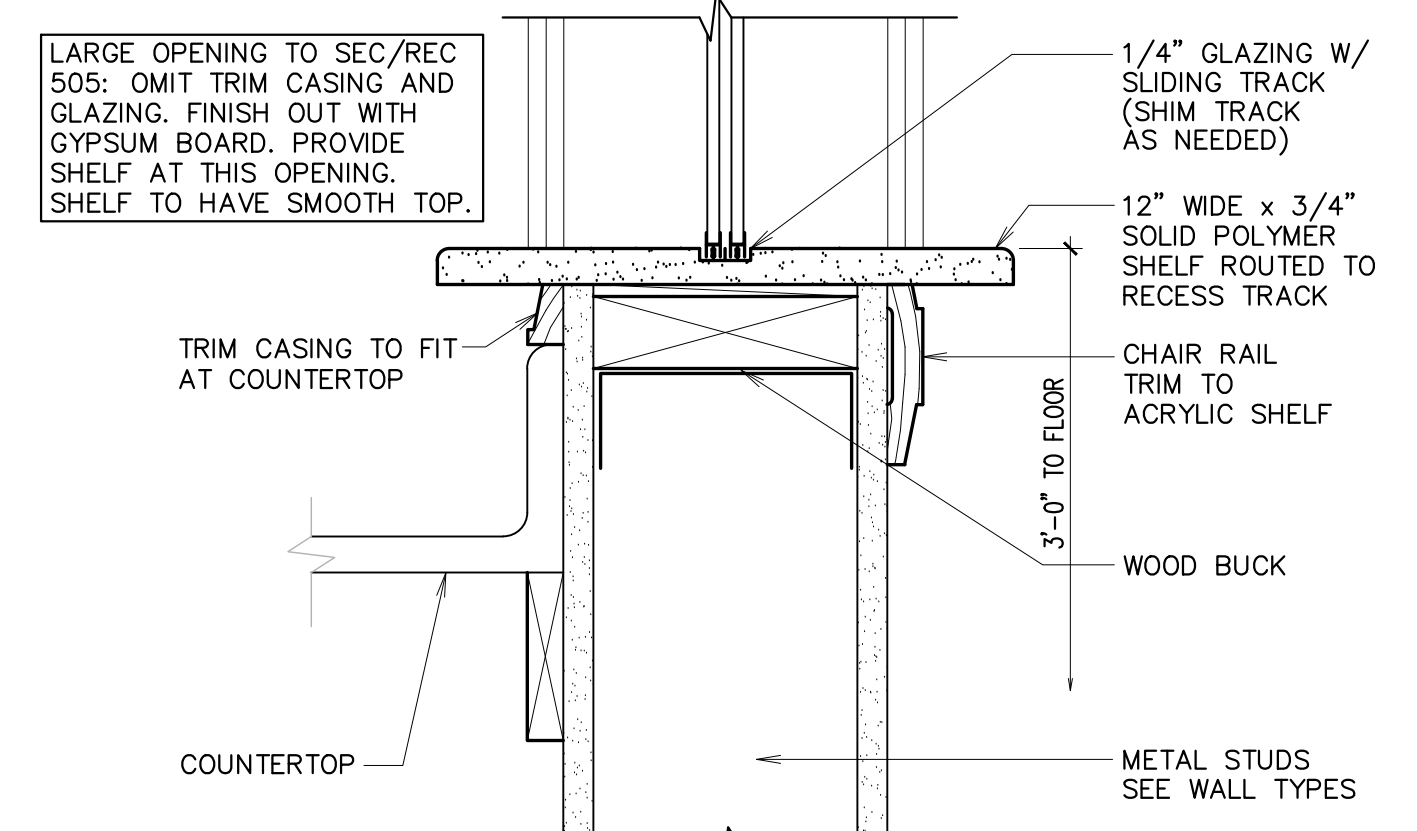


E THRESHOLD
3" = 1'-0"

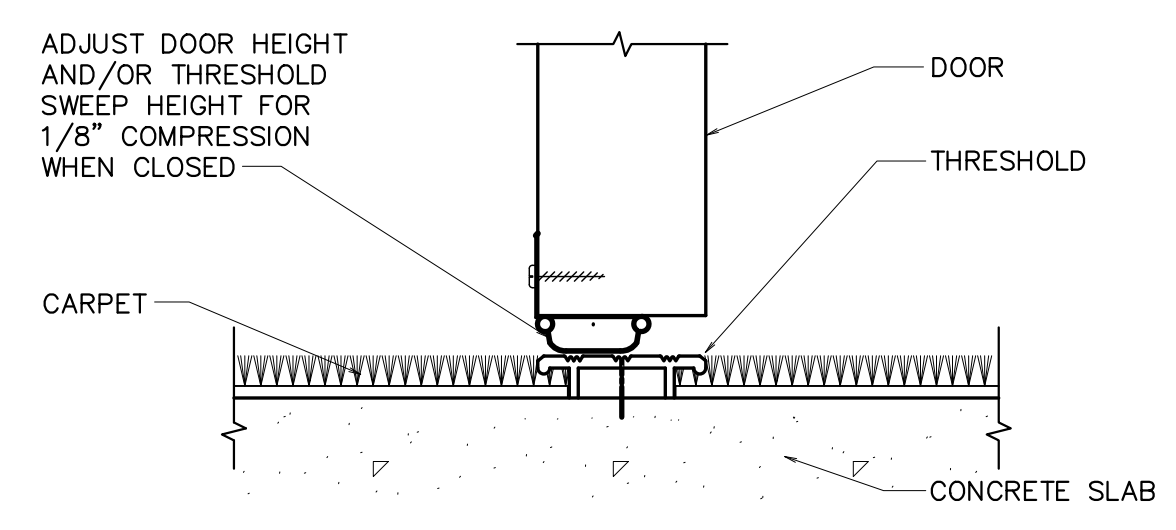
F THRESHOLD
3" = 1'-0"



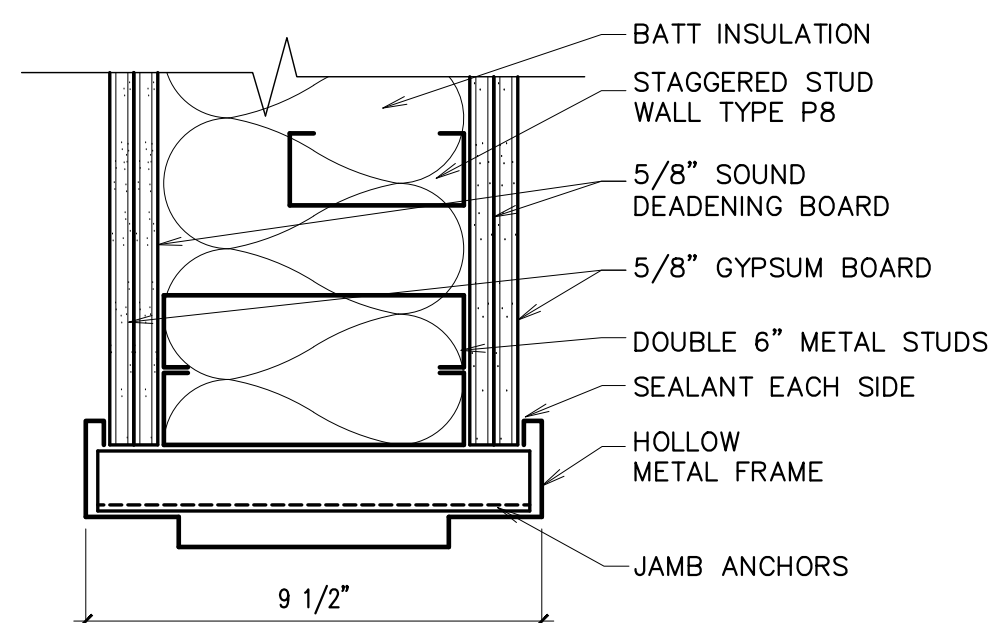
G HEAD AT SLIDER
3" = 1'-0"



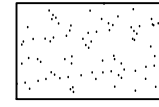
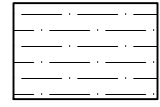
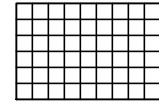
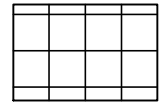
H SILL AT SLIDER
3" = 1'-0"

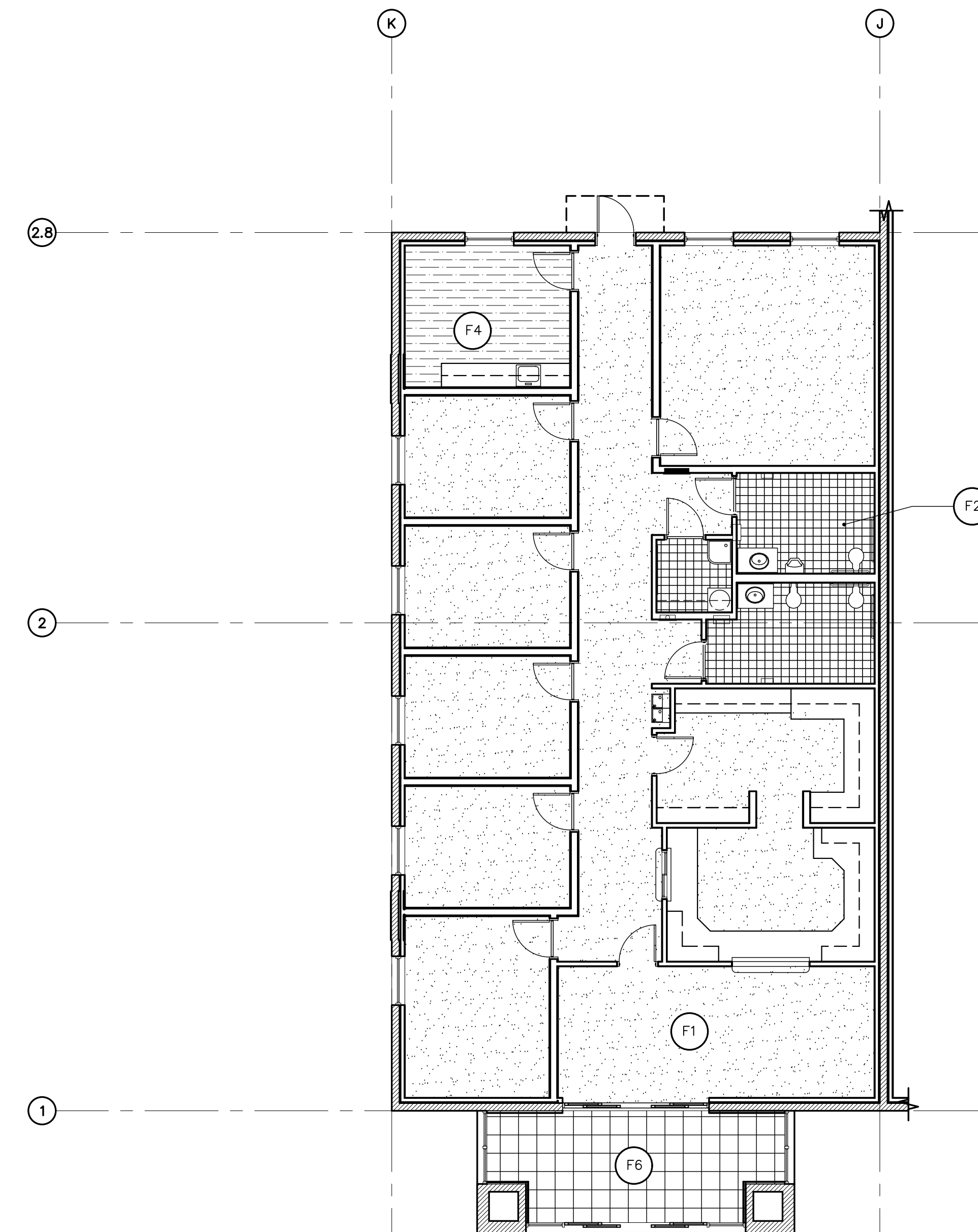


J SOUND CONTROL THRESHOLD
6" = 1'-0"



K TYPICAL JAMB/HEAD SIM.
3" = 1'-0"

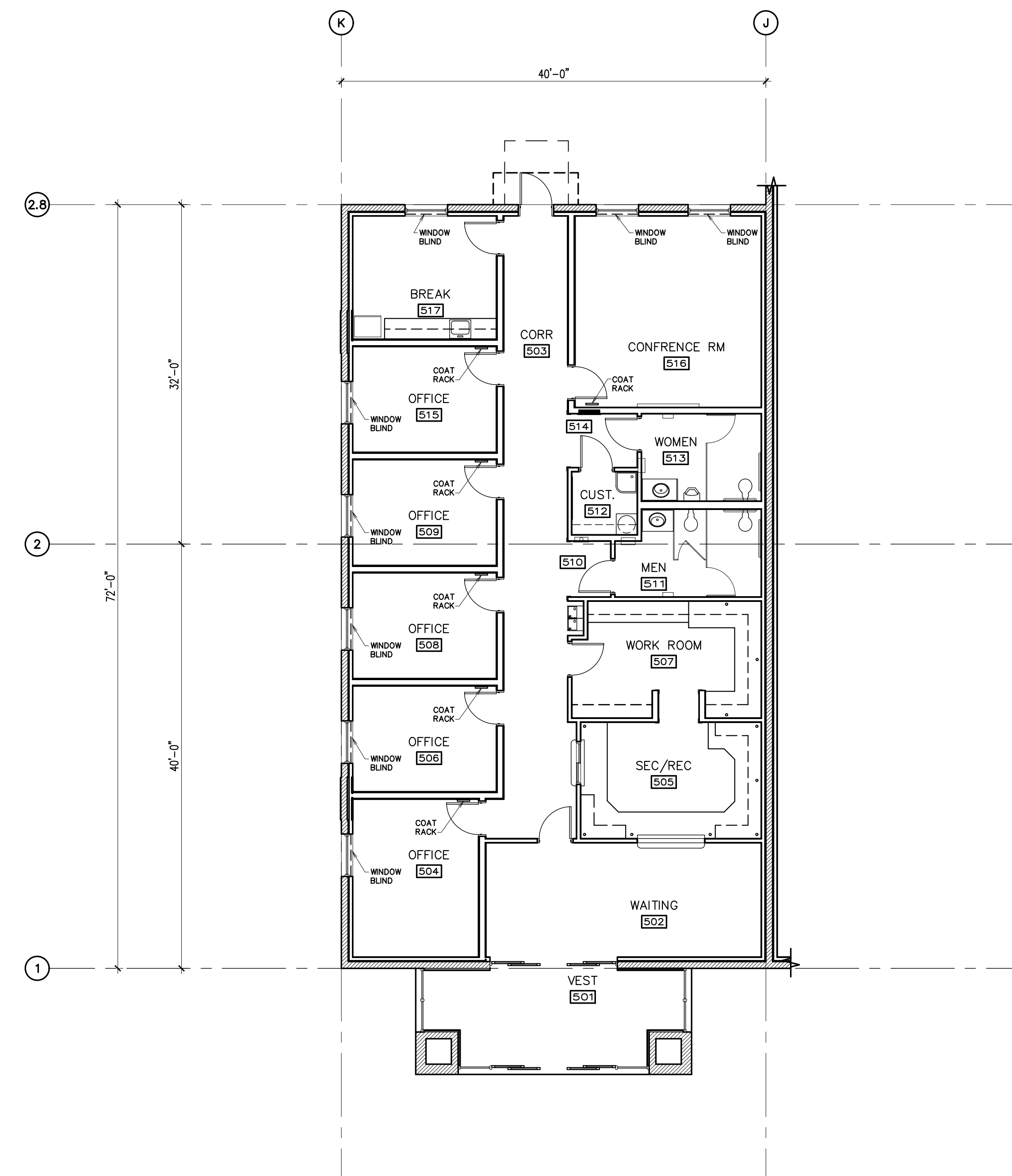
FLOOR FINISHES LEGEND			
	F1 CARPET		F4 RESILIENT TILE FLOORING
	F2 PAVER TILE		F6 CARPET TILE



① FLOOR FINISHES PLAN
1/8" = 1'-0"

Architect / Engineer:																								
Stamp:																								
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Project Name</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Project Address</div> </div>																								
Project for: THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS																								
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Mark	Date	By	Description																					
Project Number: *** Plan Series: DI-MOD-FS-09-15 Property Number: ***																								
Sheet Title: FLOOR FINISH PLAN																								
Sheet: F101e																								

FURNISHINGS AND EQUIPMENT SCHEDULE					
NOTE: FOR OTHER OWNER FURNISHED, OWNER INSTALLED ITEMS REFER TO SHEETS A1.3e. SEE DIVISION 01 REQUIREMENTS AND INSTRUCTIONS CONCERNING OWNER FURNISHED ITEMS.					
ITEM	SPEC. SECTION	FURNISHED BY	INSTALLED BY	STYLE OR TYPE	REMARKS
CARPET	09 6816	OWNER	OWNER		CONTRACTOR TO PROVIDE FLOOR PREPARATION
ROOM SIGNAGE	10 1495	OWNER	CONTRACTOR	SEE SHEET F201e	
FIRE EXTINGUISHERS	10 4400	CONTRACTOR	CONTRACTOR		TAGGED AND INSPECTED
WALL CLOCKS	12 4619	OWNER	CONTRACTOR		
CEILING SPEAKERS		CONTRACTOR	CONTRACTOR		ROUGH-IN
		OWNER	OWNER		FINAL INSTALLATION
MICROWAVE OVEN	11 3113	OWNER	CONTRACTOR	SEE SHEET A401e	
REFRIGERATOR	11 3113	OWNER	CONTRACTOR		
KEYING (LOCK CYLINDERS)		OWNER	OWNER		PFD PROJECT MANAGER
COAT RACK	10 5713	OWNER	CONTRACTOR		SEE DETAIL C/F101
PROJECTION SCREENS	11 5213	OWNER	CONTRACTOR		SEE DETAIL H/A601 FOR WALL BLOCKING
SECURITY		OWNER	OWNER		



① FURNISHINGS FLOOR PLAN
1/8" = 1'-0"

Architect / Engineer:

Stamp:

Project Name

Project Address

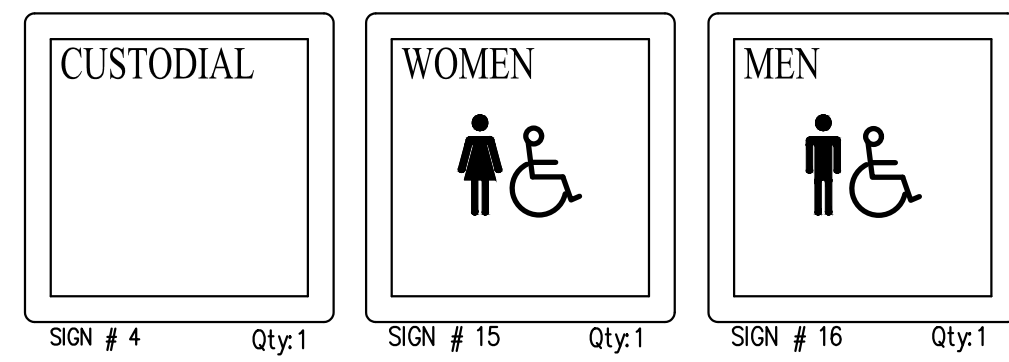
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (d.m.y.)	Description

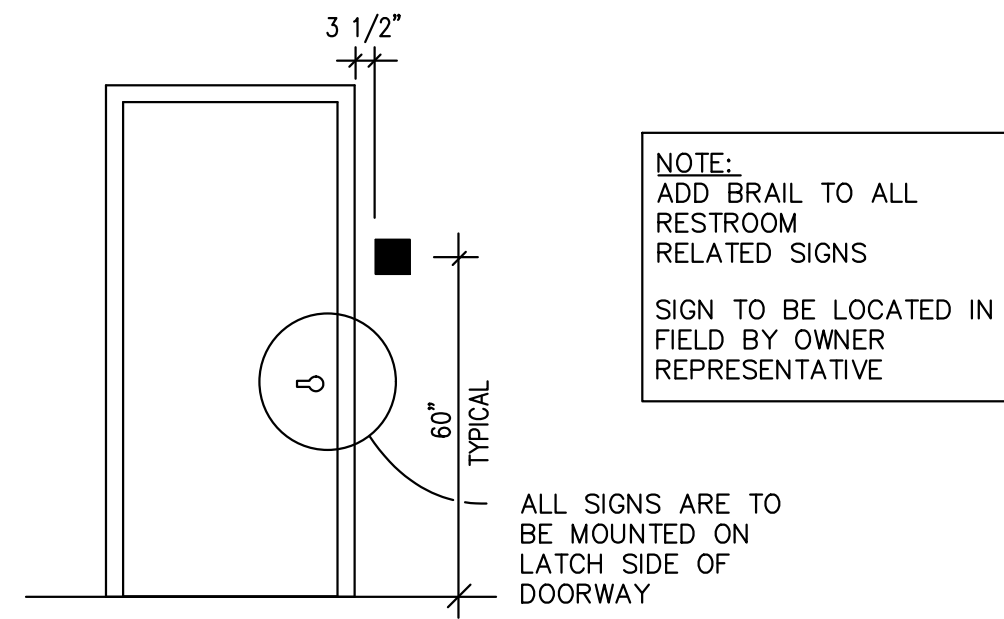
Project Number: ***
Plan Series: DI-MOD-FS-09-15
Property Number: ***

Sheet Title:
FURNISHINGS PLAN AND EQUIPMENT SCHEDULE (FAMILY SERVICES MODULE)

Sheet:
F102e



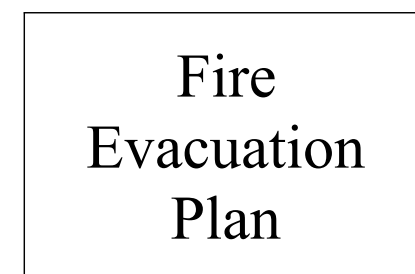
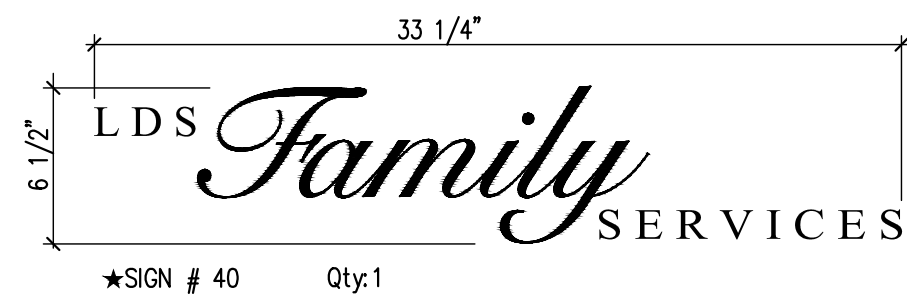
A SIGN ELEVATIONS
NO SCALE



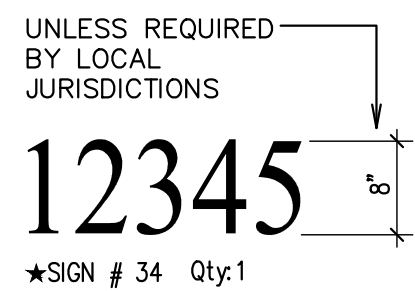
B SIGN INSTALLATION ELEVATION
NO SCALE

GENERAL NOTES

MISCELLANEOUS SIGNS ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR EXCEPT WHERE NOTED.



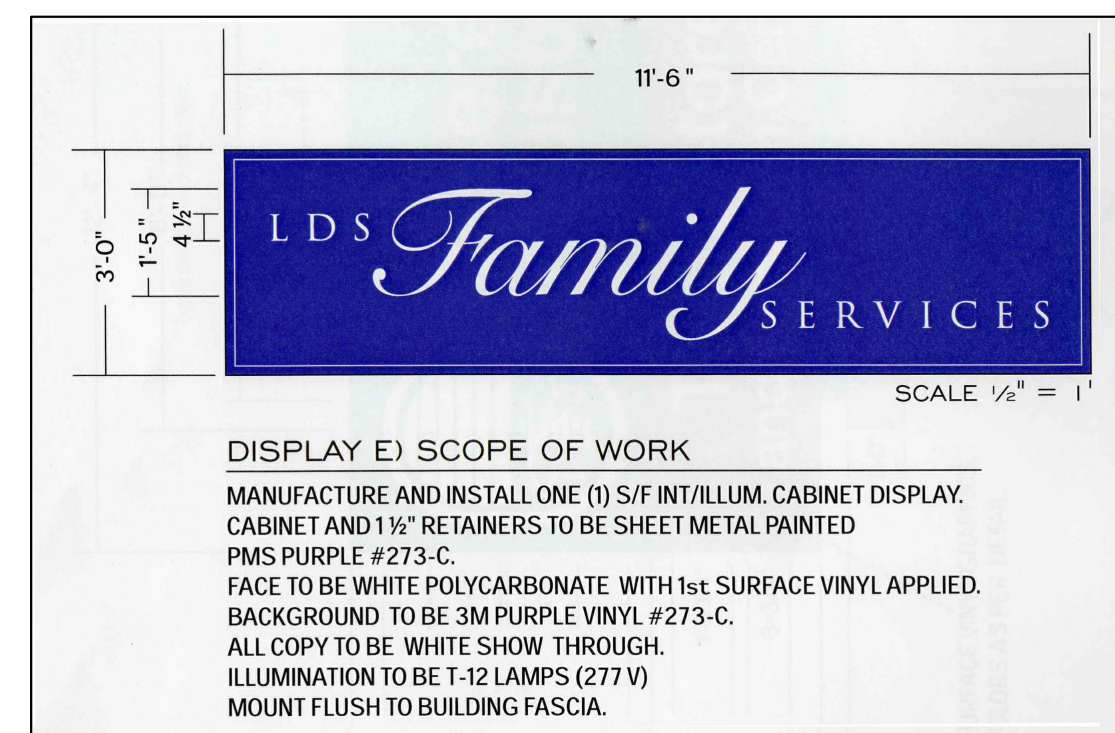
★★★SIGN # 33 Qty:1
SEE DETAILS A&B/F203 FOR WALL SIGN HOLDER



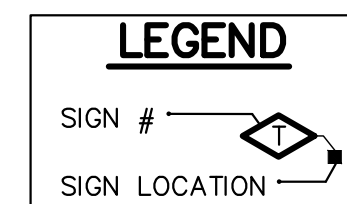
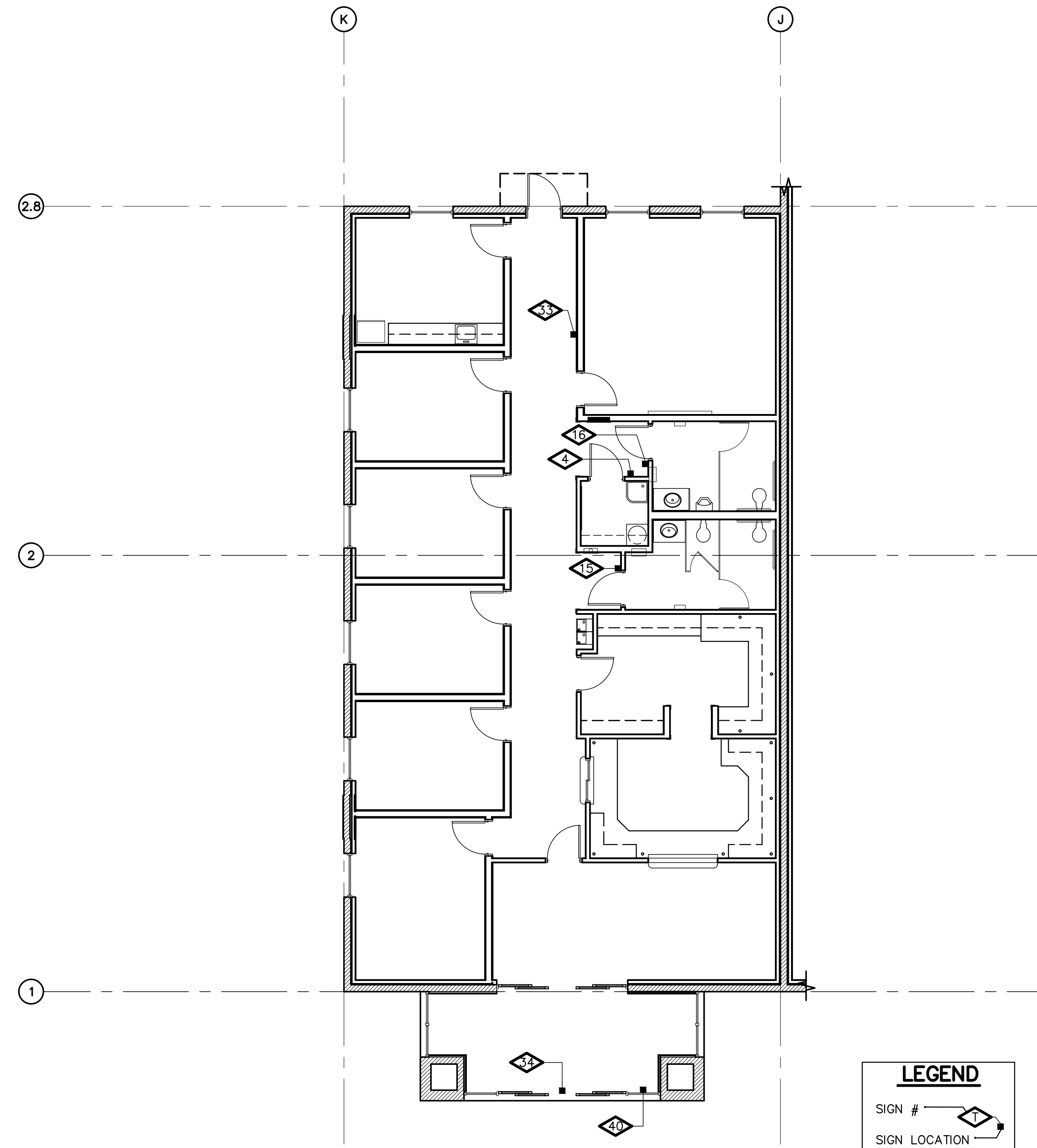
★VINYL SIGNS ARE TO BE EXTERIOR GRADE VINYL APPLIED ON SECOND SURFACE. INSTALLED BY GENERAL CONTRACTOR. SEE NOTES BELOW FOR INSTRUCTIONS.

★★FURNISHED AND INSTALLED BY CONTRACTOR.
★★★FURNISHED BY PROJECT ARCHITECT AND INSTALLED BY CONTRACTOR.

C VINYL SIGN ELEVATIONS
NO SCALE



J EXTERIOR SIGN TYPE J



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

Architect / Engineer:

Stamp:

Project Name: _____
Project Address: _____

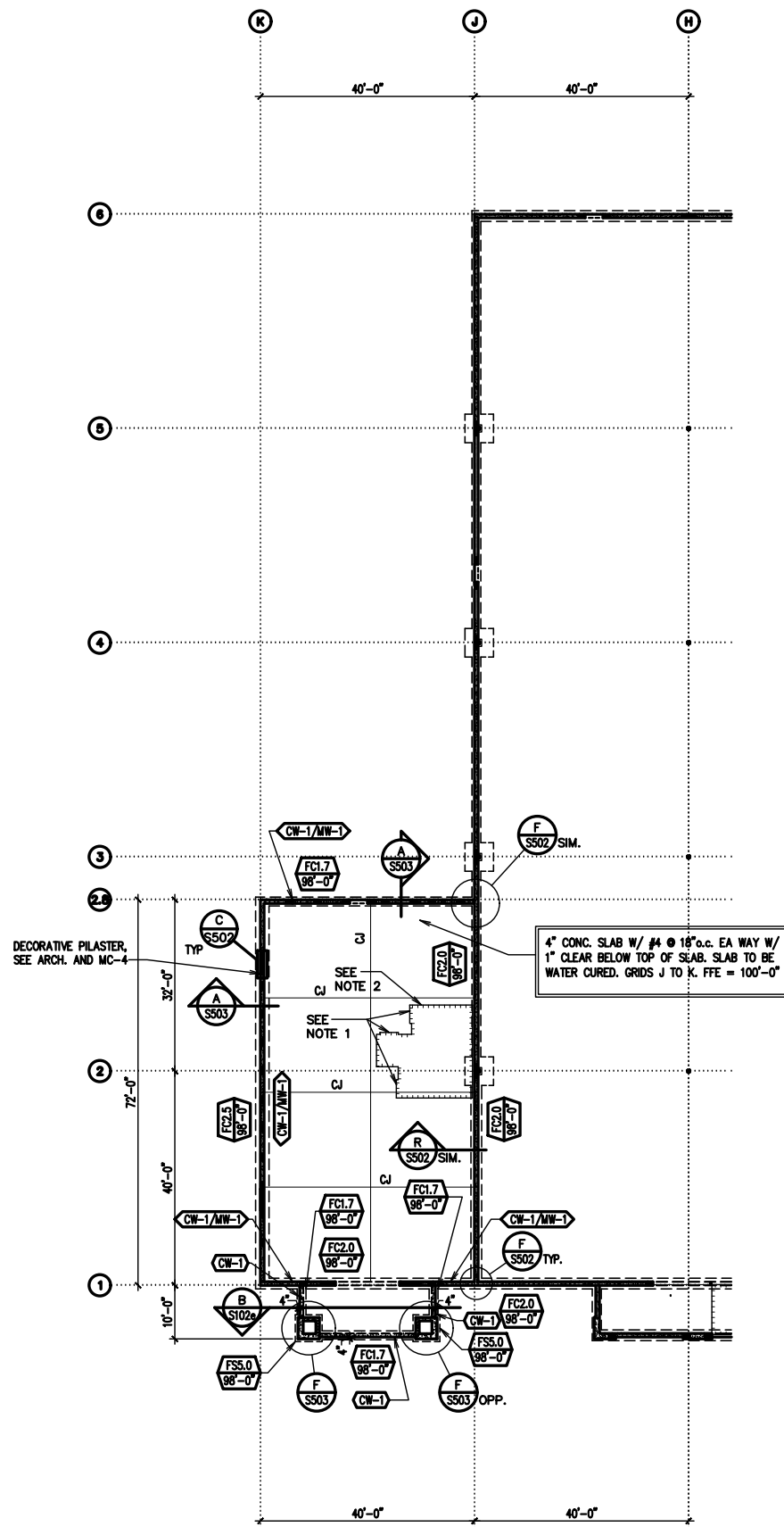
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (d-m-y)	Description

Project Number: ***
Plan Series: DI-MOD-FS-09-15
Property Number: ***

Sheet Title:
ROOM SIGNAGE PLAN AND DETAILS

Sheet:
F201e



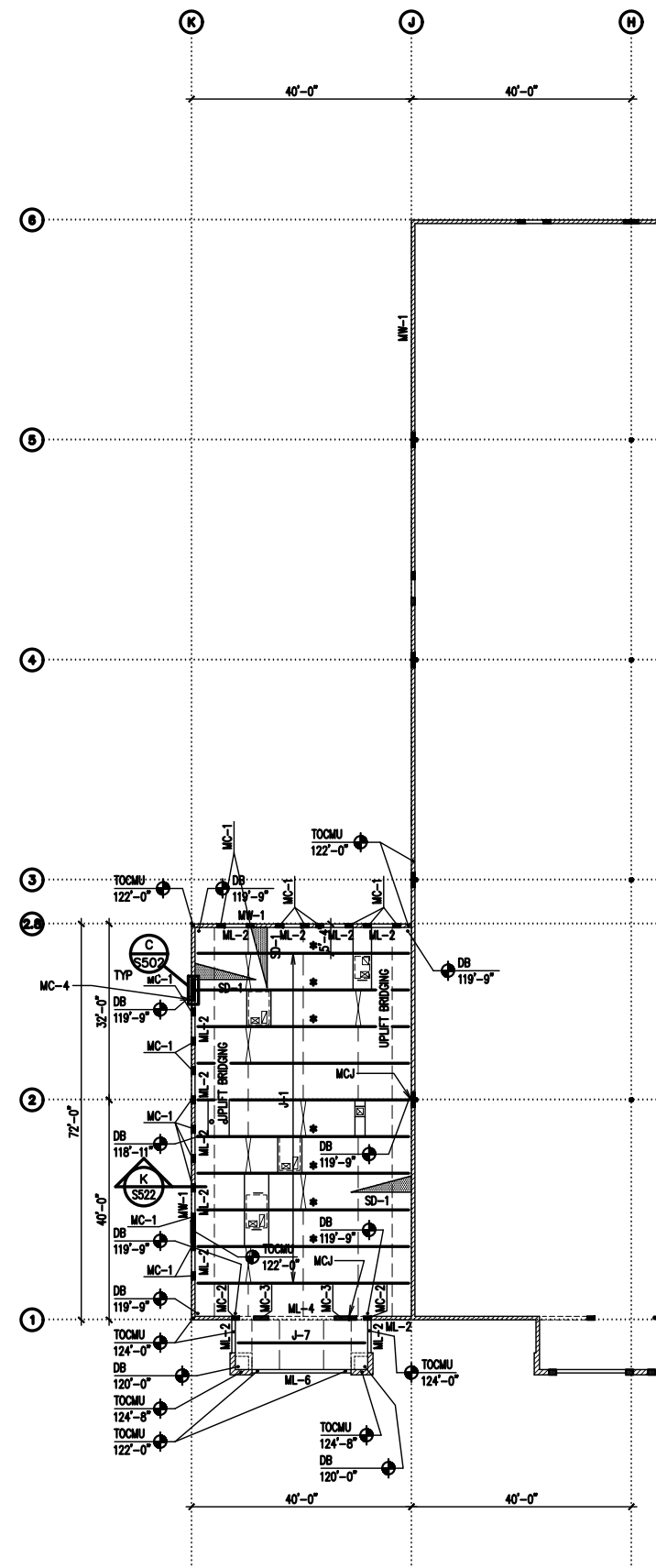
LEGEND

- SECTION MARK SHEET NUMBER
- FOOTING MARK TOP OF FOOTING
- WALL ELEVATION SHEET NUMBER
- S - S STEPPED FOOTING SEE D/S501
- TOS TOP OF SLAB
- DEPRESS FOUNDATION WALL AND POUR SLAB OVER
- INDICATES MASONRY COLUMN
- INDICATES RESESSED FLOOR SLAB. SEE ARCHITECTURAL PLANS
- HOUSEKEEPING PAD SEE ARCHITECT
- INDICATES MASONRY WALL (AND TYPE) OVER CONCRETE WALL (AND TYPE)
- INDICATES CONCRETE WALL (AND TYPE)
- FCX.X INDICATES CONTINUOUS FOOTING
- FSX.X INDICATES SPOT FOOTING
- CJ INDICATES CONTROL/CONSTRUCTION JOINT. SEE DETAIL G/S501

FOOTING AND FOUNDATION PLAN
1/16" = 1'-0"

FOOTING AND FOUNDATION PLAN NOTES:

1. BLOCK OUT FOR THRESHOLD AT DOOR. VERIFY SIZE WITH TILE INSTALLER.
2. RECESS FLOOR SLAB 2" FOR TILE. SEE ARCH FOR DETAIL AT STEP IN SLAB. SEE ARCHITECTURAL FLOOR PLAN FOR DIMENSIONS OF ROOMS WITH TILE.



LEGEND

- ROOFTOP UNIT. SEE MECH FOR WEIGHT. SEE J/S521
- ROOF DRAINS (RD). SEE B/S521
- EXHAUST FAN. SEE ROOF FRAMING PLAN NOTE 2
- INDICATES DIAGONAL BRIDGING
- INDICATES HORIZONTAL BRIDGING REQUIRED FOR UPLIFT. SEE STEEL JOIST SUPPLIER FOR REQUIREMENTS
- INDICATES HORIZONTAL BRIDGING
- MC-X MASONRY COLUMN MARK. SEE SCHEDULE C ON SHEET S604
- MW-X MASONRY WALL MARK. SEE SCHEDULE A ON SHEET S604
- ML-X MASONRY LINTEL MARK. SEE SCHEDULE B ON SHEET S604
- * ADLOAD. SEE ROOF FRAMING PLAN NOTE 1
- DB DECK BEARING
- TOCMU TOP OF CMU
- INDICATES MASONRY WALL
- INDICATES MASONRY WALL BELOW ROOF DECK
- INDICATES MASONRY COLUMN
- INDICATES SNOW DRIFT. SEE SCHEDULE A ON S605
- TOB TOP OF BEAM
- J-X SEE JOIST/GIRDER SCHEDULE C ON S605 FOR LOADING INFO
- MCJ MASONRY CONTROL JOINT. SEE TYPICAL DETAIL B/S502

ROOF FRAMING PLAN
1/16" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. * - INDICATES THAT THESE JOISTS SHALL BE DESIGNED FOR AN ADLOAD OF 1000 POUNDS AT ANY TOP CHORD PANEL POINT. THIS ADLOAD IS TO BE ADDED TO TOP CHORD PANEL POINTS OF JOIST GIRDERS. THE SYMBOL IS FOR EACH 1000 POUNDS OF ADLOAD.
2. ROOF PENETRATIONS GREATER THAN 12" REQUIRE FRAMED OPENINGS. SEE LEGEND ON SHEET S102 AND DETAILS G/S521, H/S521, AND J/S521. ROOF PENETRATIONS 3" TO 12" SEE C/S521. ROOF PENETRATIONS UNDER 3" REQUIRE NO REINFORCING.

Architect / Engineer.

Stamp.

Project Name

Project Address

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

Mark	Date (a.b.c)	Description

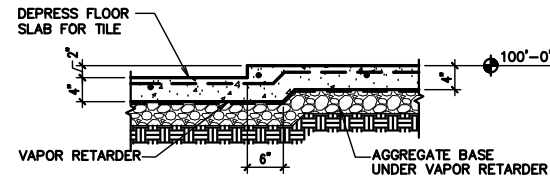
Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

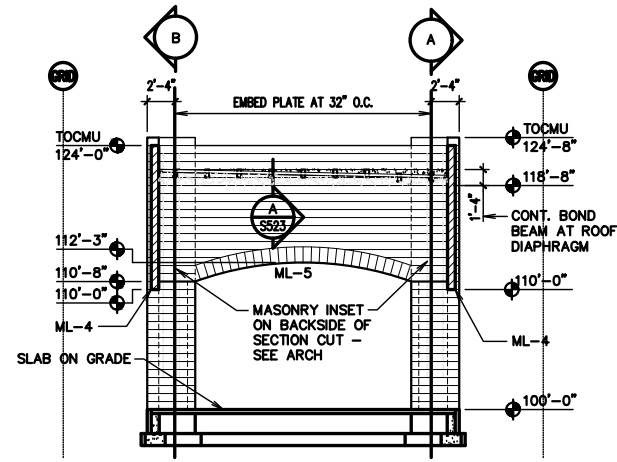
Sheet Title:
FOUNDATION AND FRAMING PLANS (FAMILY SERVICES MODULE)

Sheet:

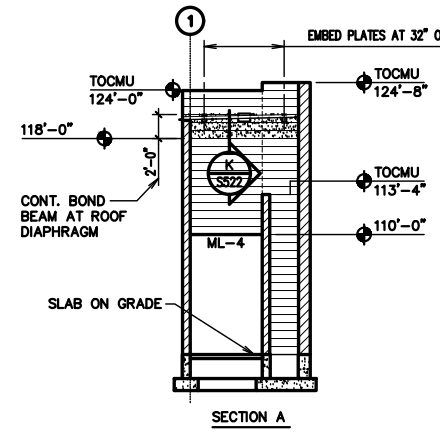
S101e



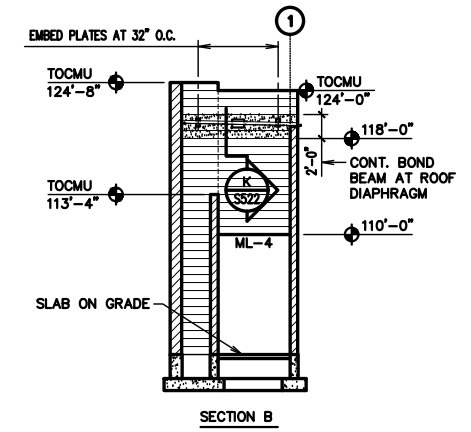
(A) TYPICAL SLAB RECESS IN 4" SLAB
 3/4" = 1'-0"



(B) WALL ELEVATION
 1/8" = 1'-0"



SECTION A



SECTION B

Architect / Engineer:

Stamp:

Project Name

Project Address

Project for:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date	Description

Project Number:

 Plan Series:
 DI-MOD-FS-09-15
 Property Number:

Sheet Title:
 DETAILS AND ELEVATIONS (FAMILY SERVICES MODULE)

Sheet:
S102e

Architect / Engineer:

Stamp:

Project Name

Project Address

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

Mark	Date (M.M.Y)	Description

Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
FIRE
SPRINKLER
PLAN
(FAMILY
SERVICES
MODULE)

Sheet:
FS101e



PROVIDE DRY TYPE SIDEWALL
SPRINKLER HEADS IN VESTIBULE
AREA.

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

NOTE:
SEE DESERET INDUSTRIES
DRAWINGS FOR FIRE SPRINKLER
LEGEND, NOTES, AND DETAILS.
SEE SHEETS FS101 AND FS501

Architect / Engineer:

Stamp:

Project Name

Project Address

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

Mark Date (M/D/Y) Description

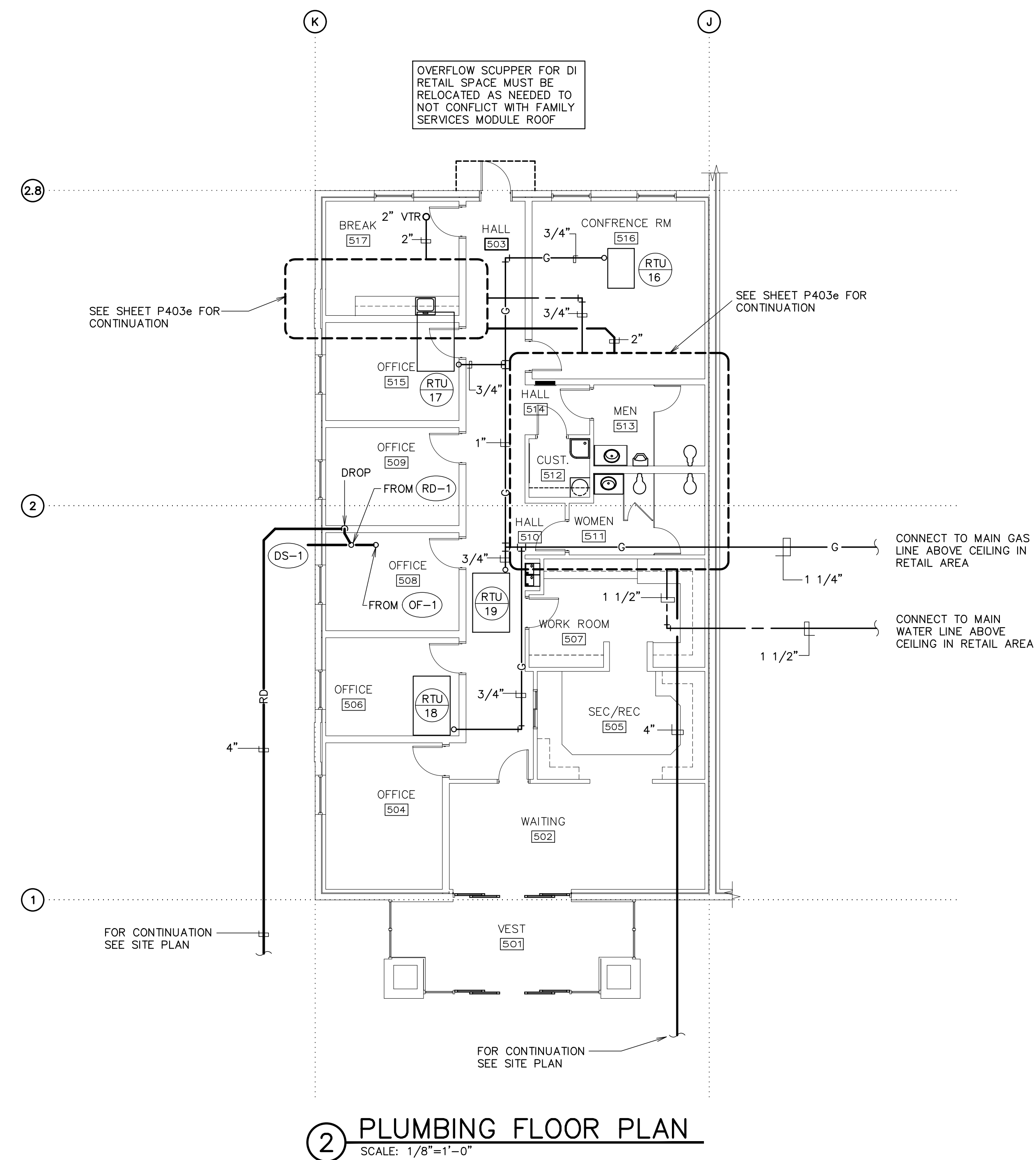
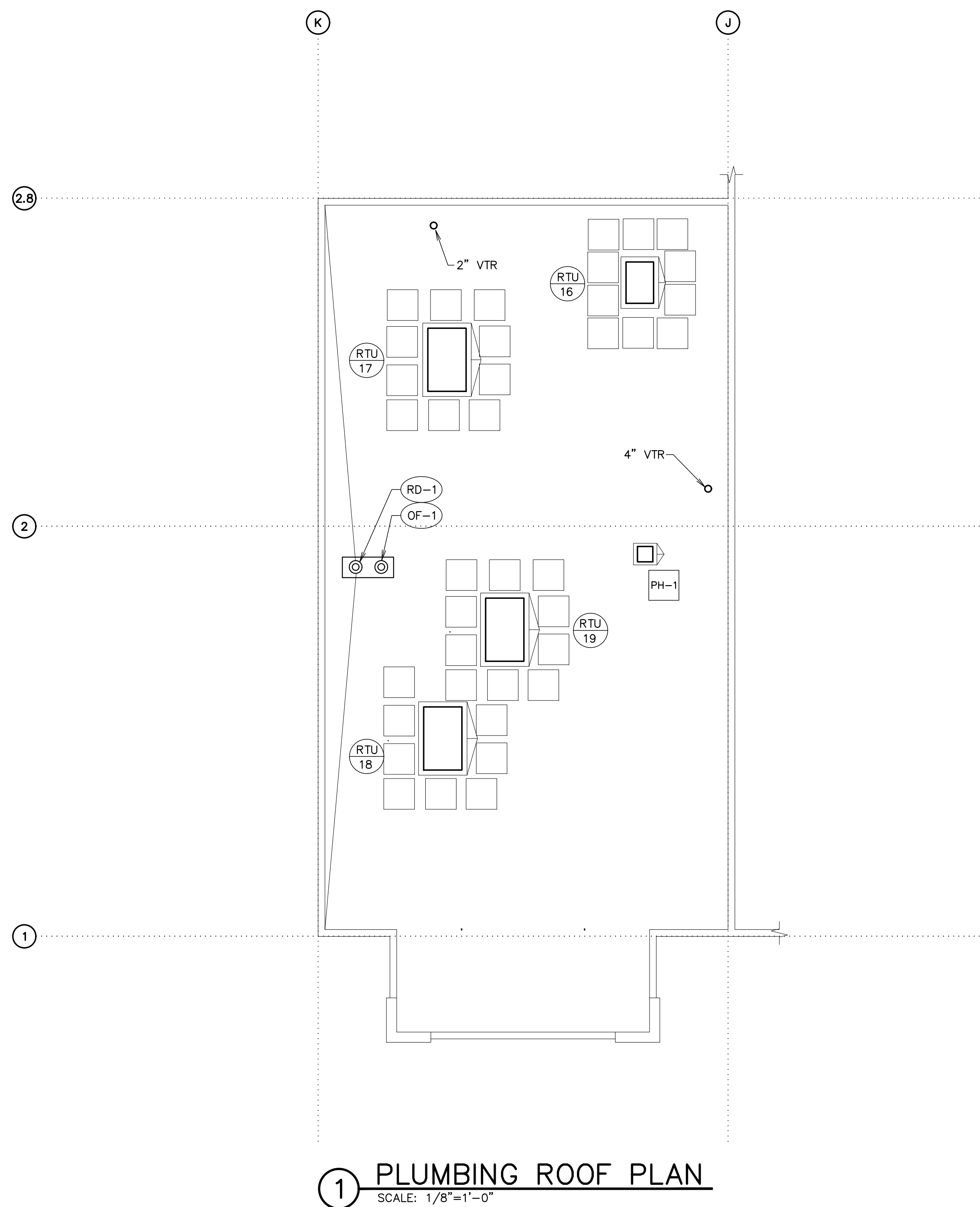
Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
PLUMBING
FLOOR & ROOF
PLANS
(FAMILY
SERVICES
MODULE)

Sheet:

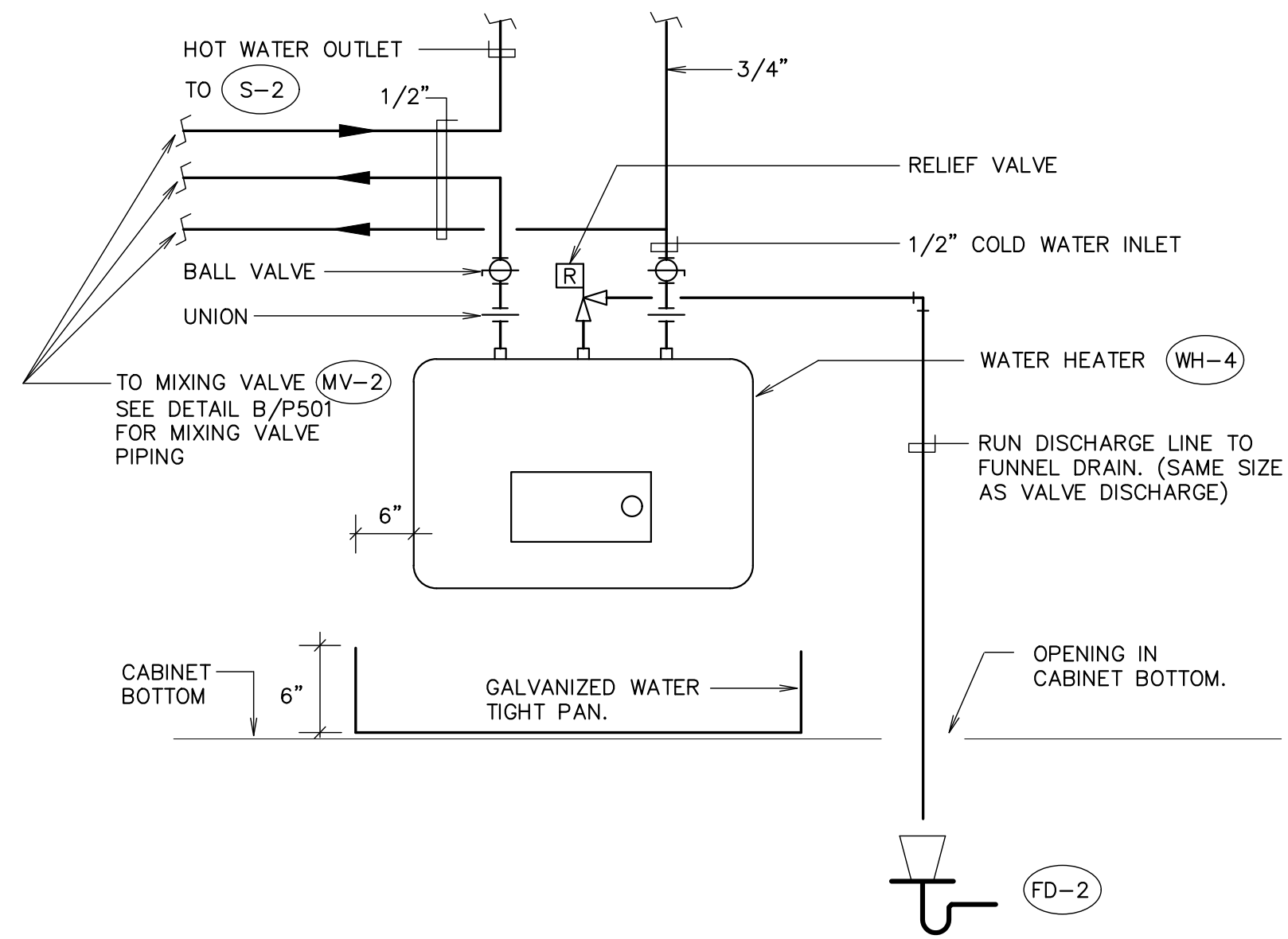
P101e



PLUMBING FIXTURE SCHEDULE							
ITEM	DESCRIPTION	WASTE	TRAP	VENT	CW	HW	REMARKS
WH-4	WATER HEATER	-	-	-	1/2"	1/2"	1 PHASE, 2.25 GALLON CAPACITY, ELECTRIC 1.35 KW, 11.25 AMPS, 110 V.
MV-2	MIXING VALVE	-	-	-	1/2"	1/2"	SET DISCHARGE TEMPERATURE @ 110° F

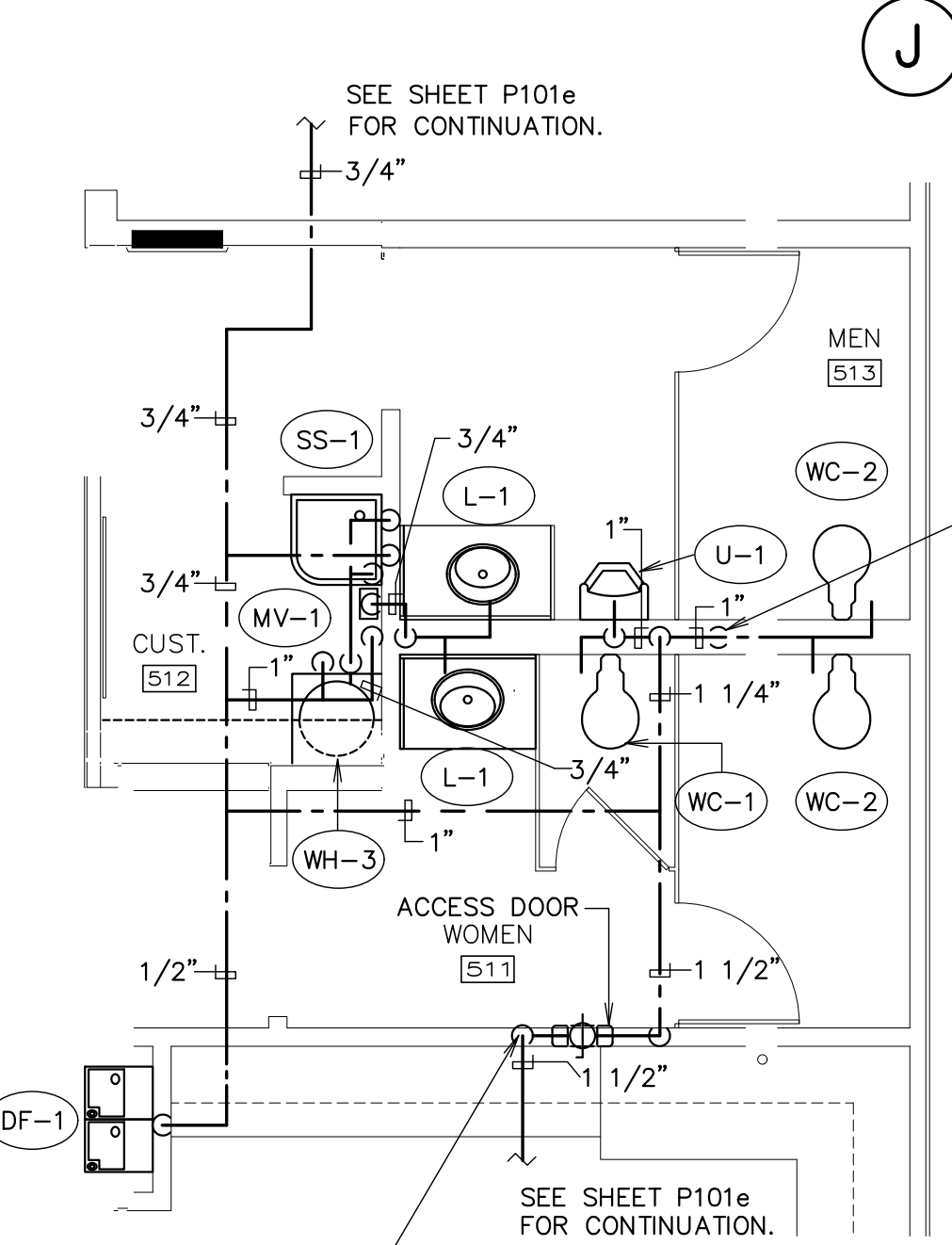
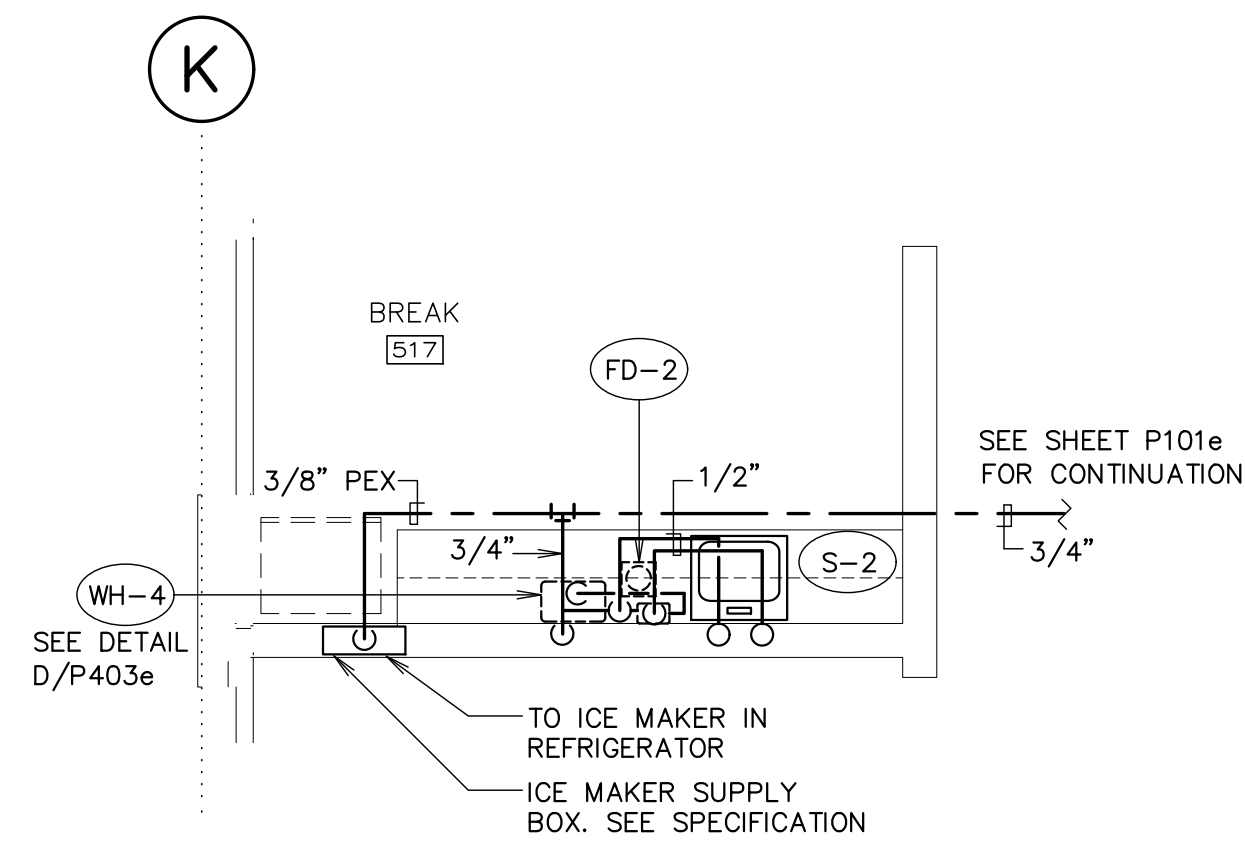
NOTE:

FOR OTHER PLUMBING FIXTURES AND OTHER PIPING SIZES NOT SHOWN SEE PLUMBING FIXTURE SCHEDULE ON DI SHEET P601



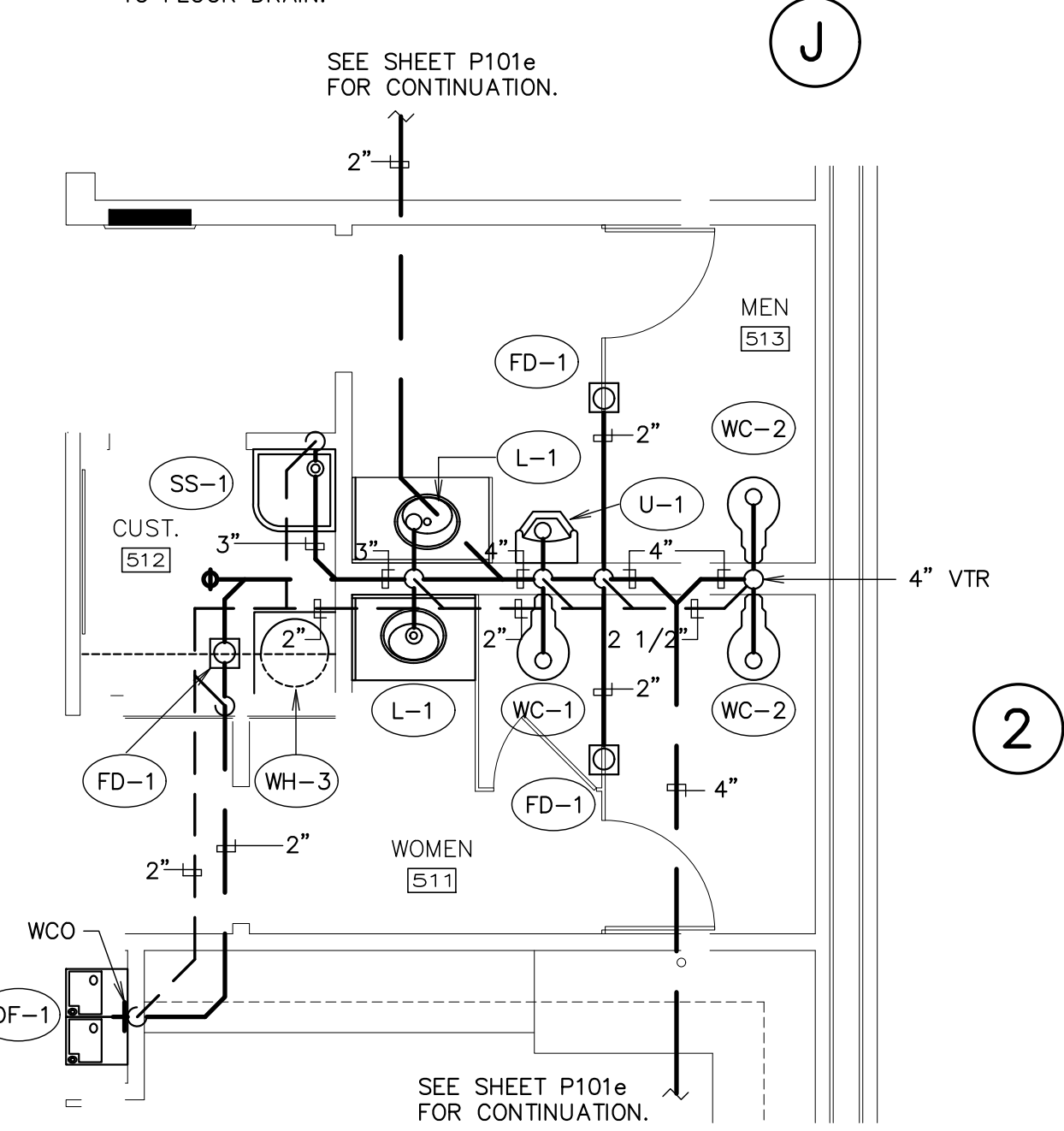
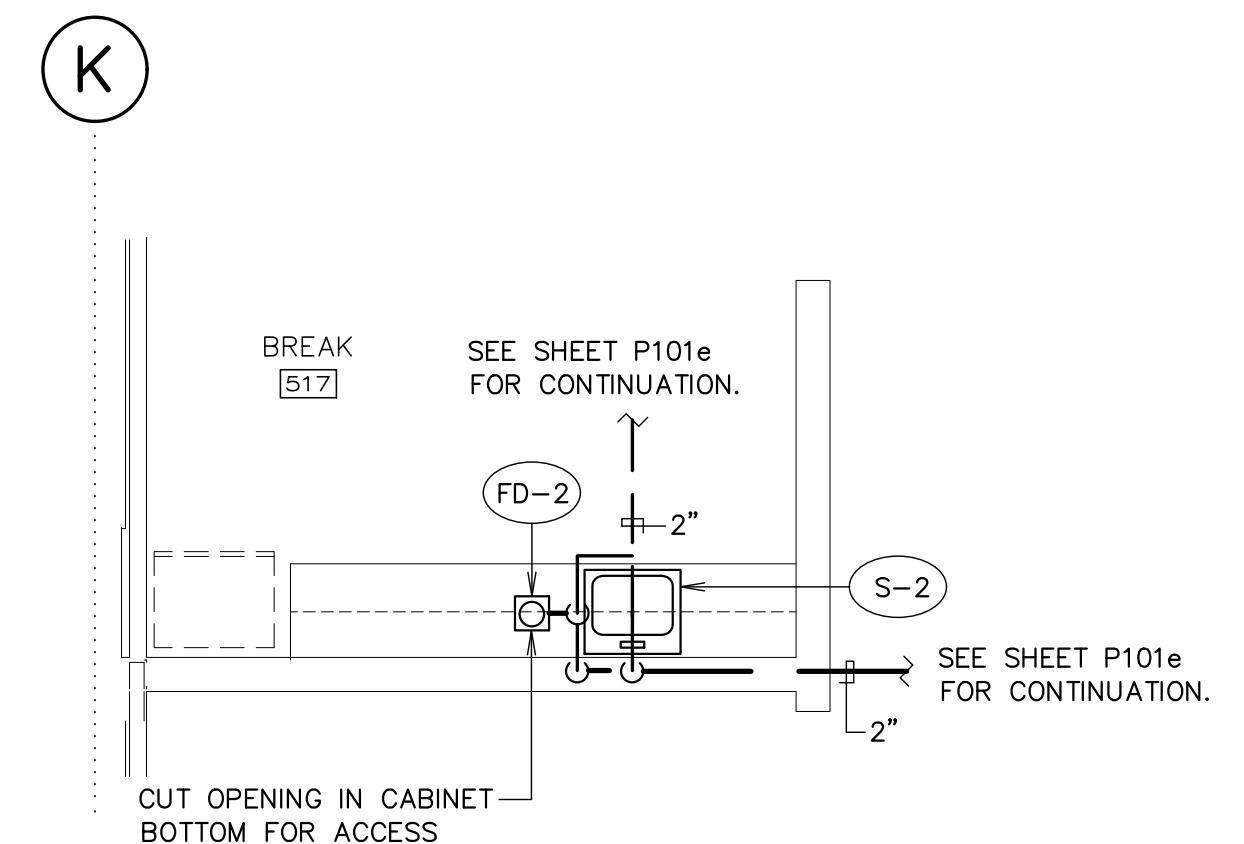
D POINT OF USE ELECTRIC WATER HEATER DETAIL

SCALE: NONE



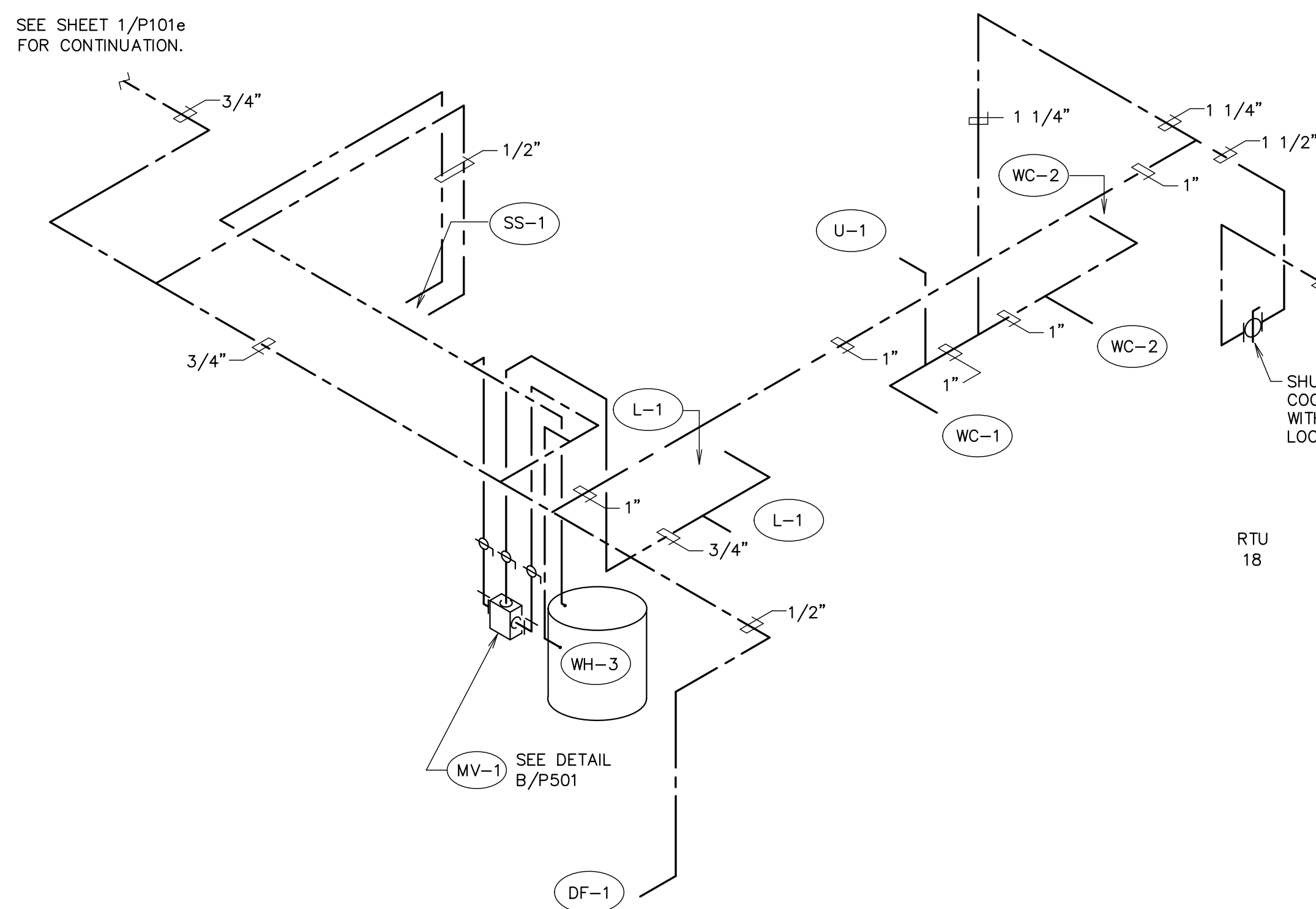
1 WATER PIPING PLAN

1/4" = 1'-0" (ROOMS 511, 512, 513 AND 517)



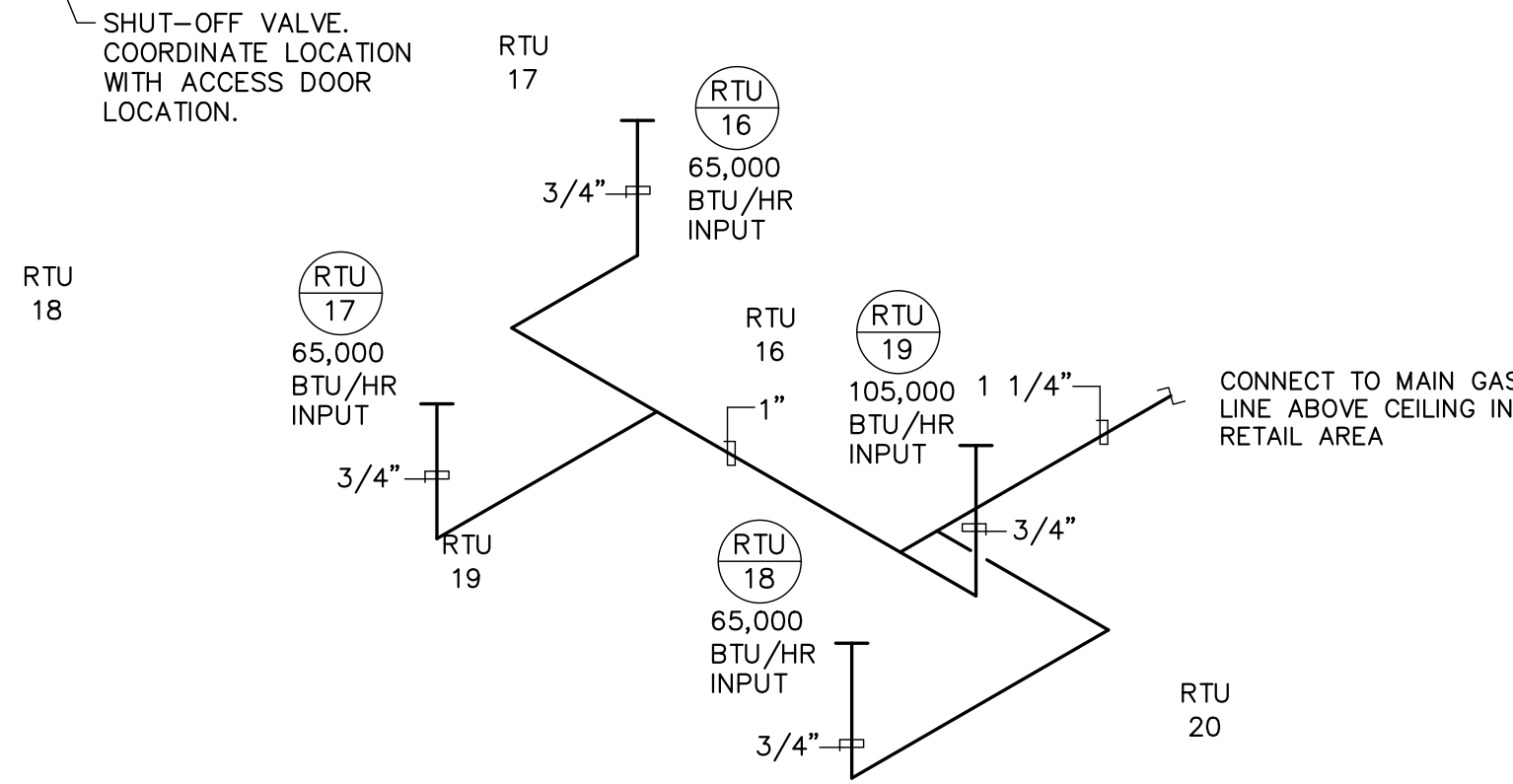
2 WASTE AND VENT PIPING PLAN

1/4" = 1'-0" (ROOMS 511, 512, 513 AND 517)



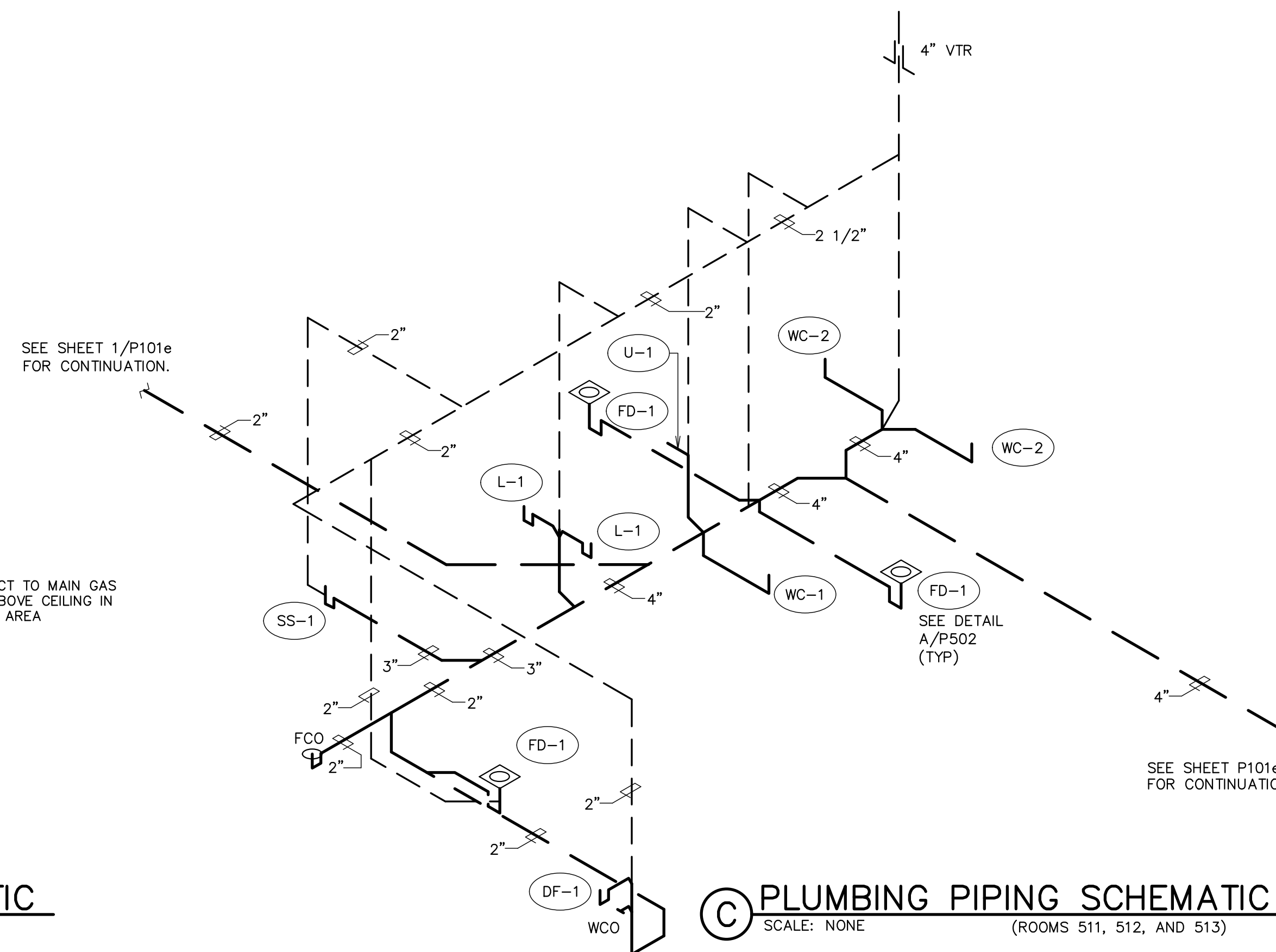
A WATER PIPING SCHEMATIC

SCALE: NONE (ROOMS 511, 512, AND 513)



B FAMILY SERVICES MODULE NATURAL GAS PIPING SCHEMATIC

SCALE: NONE



C PLUMBING PIPING SCHEMATIC

SCALE: NONE (ROOMS 511, 512, AND 513)

Architect / Engineer:

Stamp:

Project Name

Project Address

Project for:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date (M.D.Y.)	Description

Project Number: ****
Plan Series: DI-MOD-FS-09-15
Property Number: ****

Sheet Title:
PLUMBING PLANS AND SCHEMATICS (FAMILY SERVICES MODULE)

Sheet:

P403e

ROOFTOP UNIT SCHEDULE

GENERAL UNIT INFORMATION			FAN SECTION								UNIT MCA	FILTERS	COOLING SECTION							HEATING SECTION		REMARKS (6)			
MARK	AREA SERVED	MINIMUM OUTSIDE AIR	# EXH. FANS	NOM. PWR. EXHAUST (hp)	TOTAL C.F.M. SEE NOTE 5	EXT. S.P. IN. H ₂ O.	FAN R.P.M.	MOTOR			NUMBER AND SIZE H X W X D	FACE AREA ft ²	TOTAL MBH	SENSIBLE MBH	AIR				EER	SEER	GAS INPUT (MBH)		MAXIMUM HEAT OUTPUT (MBH)		
								H.P.	VOLTS	Ø					IN °F	OUT °F	DB	WB			DB	WB			STAGE 1
RTU 16	CONFERENCE ROOM	300	-	-	700	.70	816	.25	208	1	21.0	4-16X20X2	7.8	19	19	80	62	55	52	11.4	13.0	65	--	52.0	LENNOX KGA024S4D
RTU 17	OFFICES - BACK	120	1	0.3	770	.60	933	.5	460	3	25.0	4-16X20X2	7.8	19	19	80	62	55	51	12.5	17.0	65	--	52.0	LENNOX LGH036H4E
RTU 18	OFFICES - FRONT	90	1	0.3	780	.60	933	.5	460	3	25.0	4-16X20X2	7.8	21	21	80	62	55	51	12.5	17.0	65	--	52.0	LENNOX LGH036H4E
RTU 19	LOBBY - RECEPTION AREA	240	1	0.3	1500	.70	1153	.75	460	3	30.0	4-16X20X2	7.8	39	39	80	62	55	52	12.8	17.0	105	--	84.0	LENNOX LGH048H4E

NOTES:

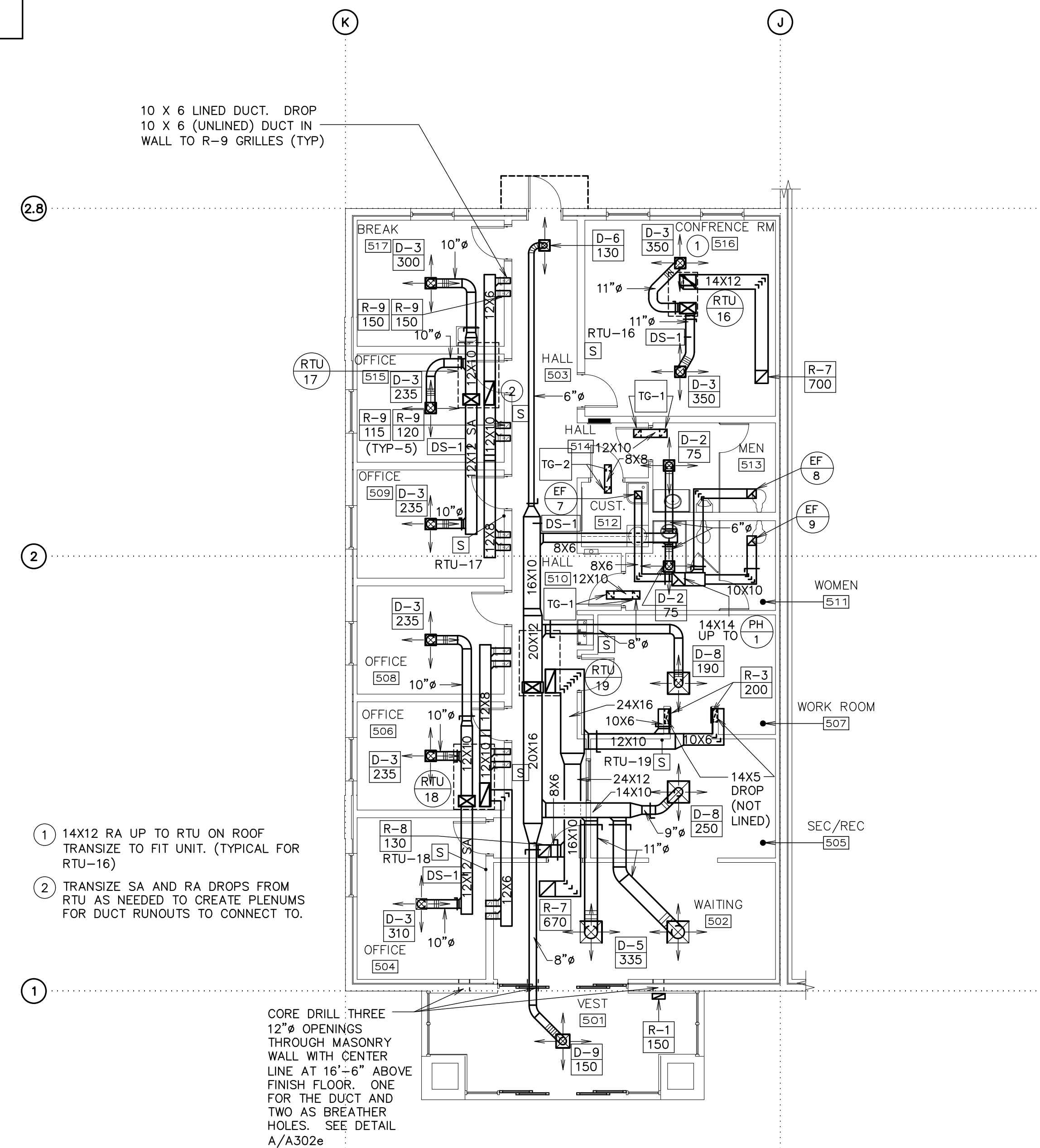
1. USE ECONOMIZER. SEE SPECIFICATION FOR EXHAUST TYPE.
2. INSTALL WITH FACTORY MANUFACTURED ROOF CURB MADE FOR EACH ROOF TOP UNIT. SEE DETAIL E/M502.
3. STATIC PRESSURES LOSSES DO NOT INCLUDE LOSSES THROUGH FILTER, COILS AND DAMPERS.
4. PROVIDE GAS REGULATOR.
5. AT 4220 FT. ELEVATION.
6. REFER TO SPECIFICATIONS FOR ADDITIONAL APPROVED MANUFACTURERS.

EXHAUST FAN SCHEDULE

MARK	LOCATION	CFM	ST. PRESS.	RPM	HP	WATTS	OPENING	REMARKS
EF 7	CUSTODIAL ROOM 512	70	0.125	1200	-	35	6"Ø	GC-120
EF 8	MENS 513	200	0.125	1365	-	77	8X6	GC-320
EF 9	WOMENS 511	200	0.125	1365	-	77	8X6	GC-320

NOTES:

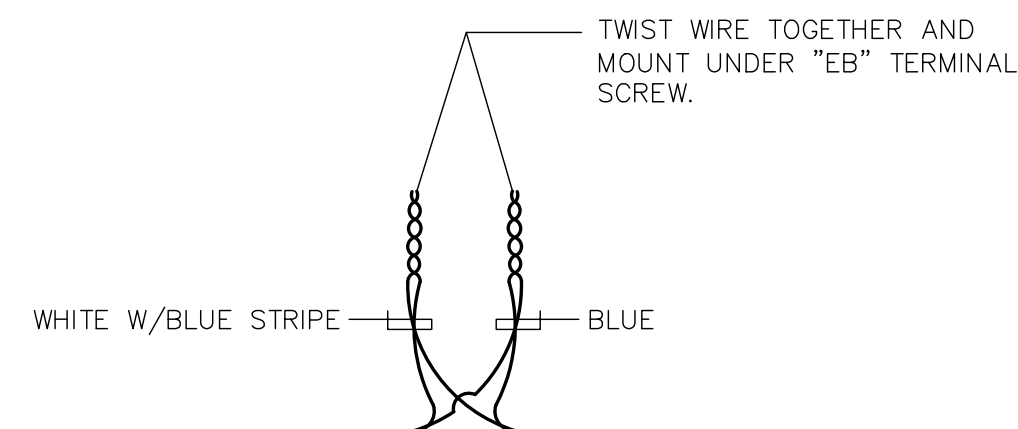
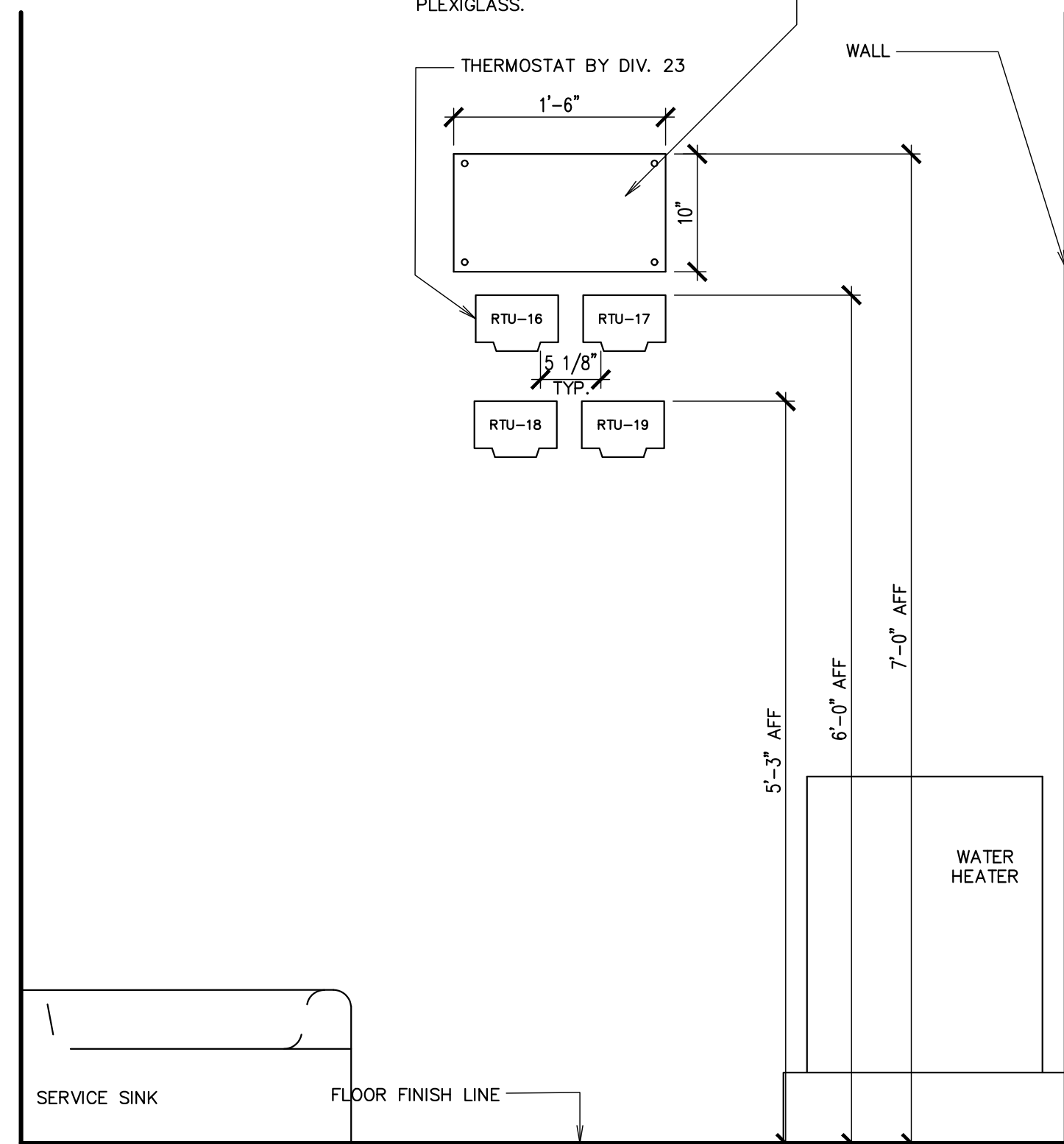
1. MANUFACTURERS NUMBERS ARE COOK UNLESS NOTED OTHERWISE.
2. POWER CHARACTERISTICS: 115 VOLT, SINGLE PHASE, 60 HERTZ.
3. FURNISH WITH VIBRATION ISOLATORS, AND BACKDRAFT DAMPER.
4. CONTROLLED BY DIVISION 26.
5. CEILING MOUNTED. DUCTED DISCHARGE THROUGH ROOF TO PENTHOUSE.



MECHANICAL FLOOR PLAN

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

MOUNT COPY OF "FLOOR PLAN--TEMPERATURE CONTROL" UNDER RIGID, CLEAR PLEXIGLASS PANEL. FASTEN PLEXIGLASS PANEL TO WALL WITH SCREWS. BEVEL EDGE OF PLEXIGLASS.



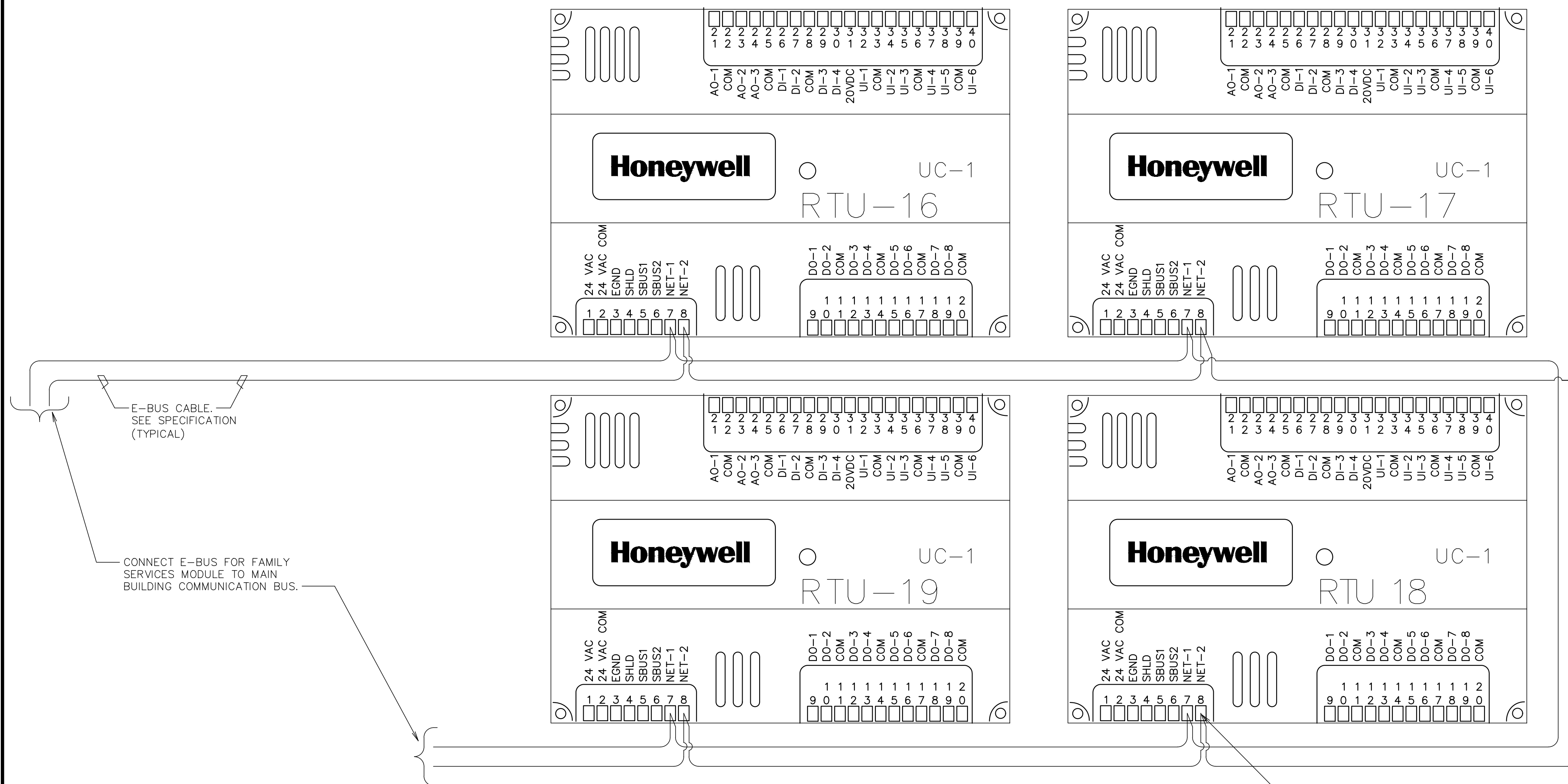
A CONTROLLER ELEVATION DETAIL
CUSTODIAL ROOM 512

SCALE 1" = 1'-0"

NOTES:

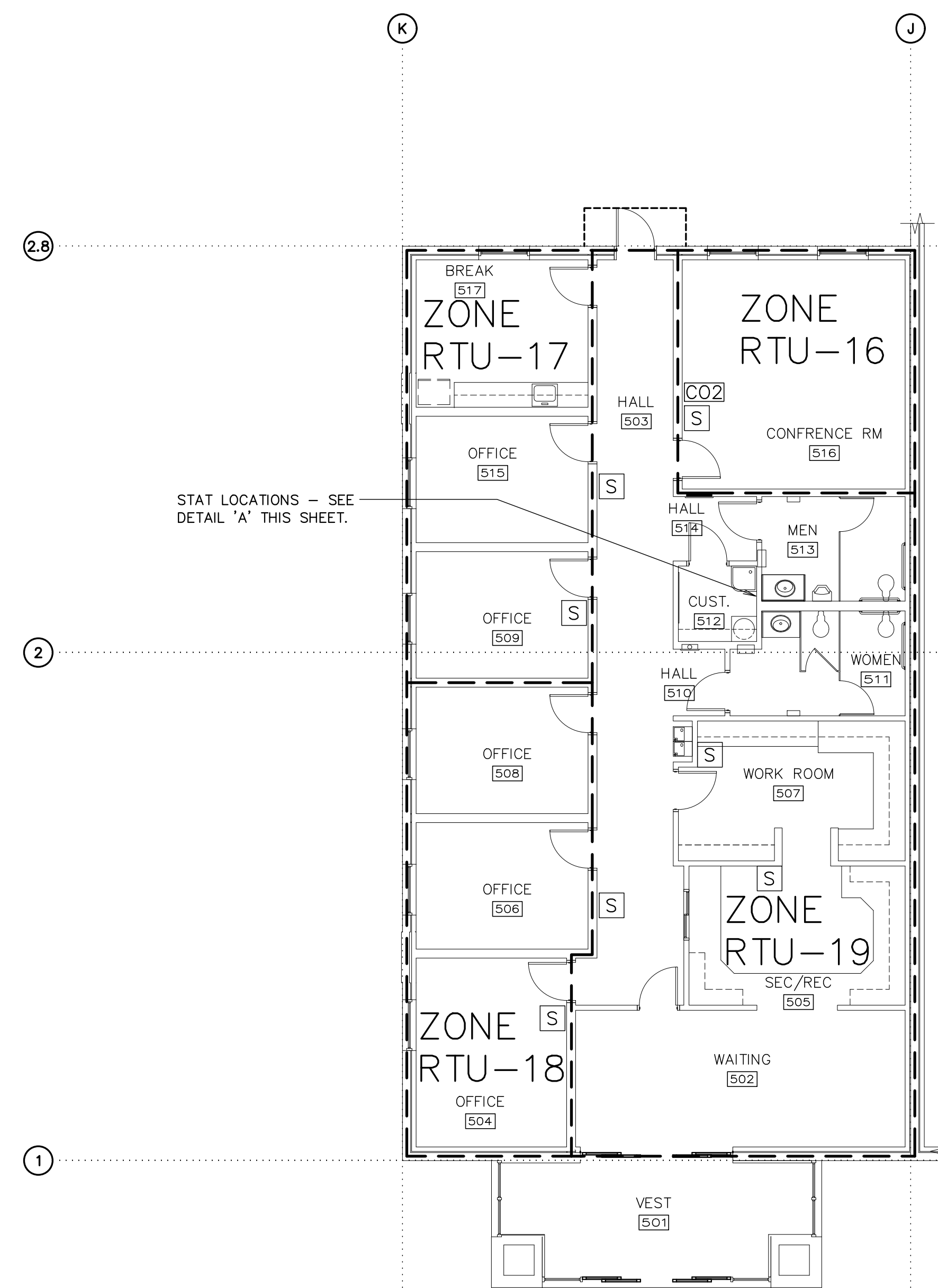
SEE FLOOR PLAN AT RIGHT FOR LOCATION OF REMOTE ROOM SENSORS AND THE ZONE THEY CONTROL.

B E-BUS CONNECTION DETAIL
NO SCALE



E-BUS WIRING DIAGRAM

SEE DETAIL 'B' THIS SHEET TYP.



NOTE:

1. LOCATE SENSORS WITHIN 6" OF DOOR JAMB WHEN APPLICABLE. COORDINATE WITH ELECTRICAL.

TEMPERATURE CONTROL

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

Architect / Engineer:

Stamp:

Project Name

Project Address

Project for:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Project Number:

Plan Series:

DI-MOD-FS-09-15

Property Number:

Sheet Title:

MECHANICAL

TEMPERATURE

CONTROLS

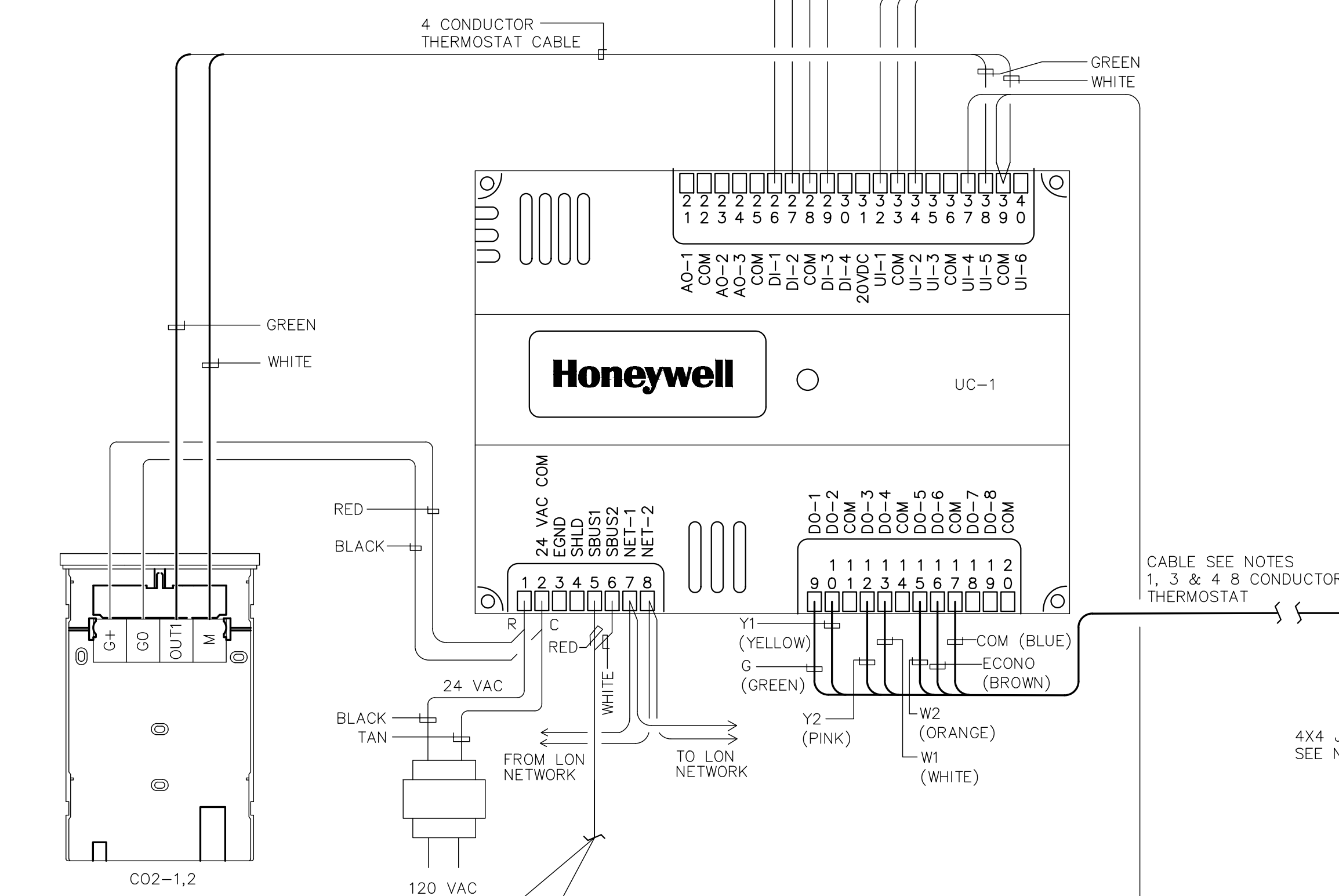
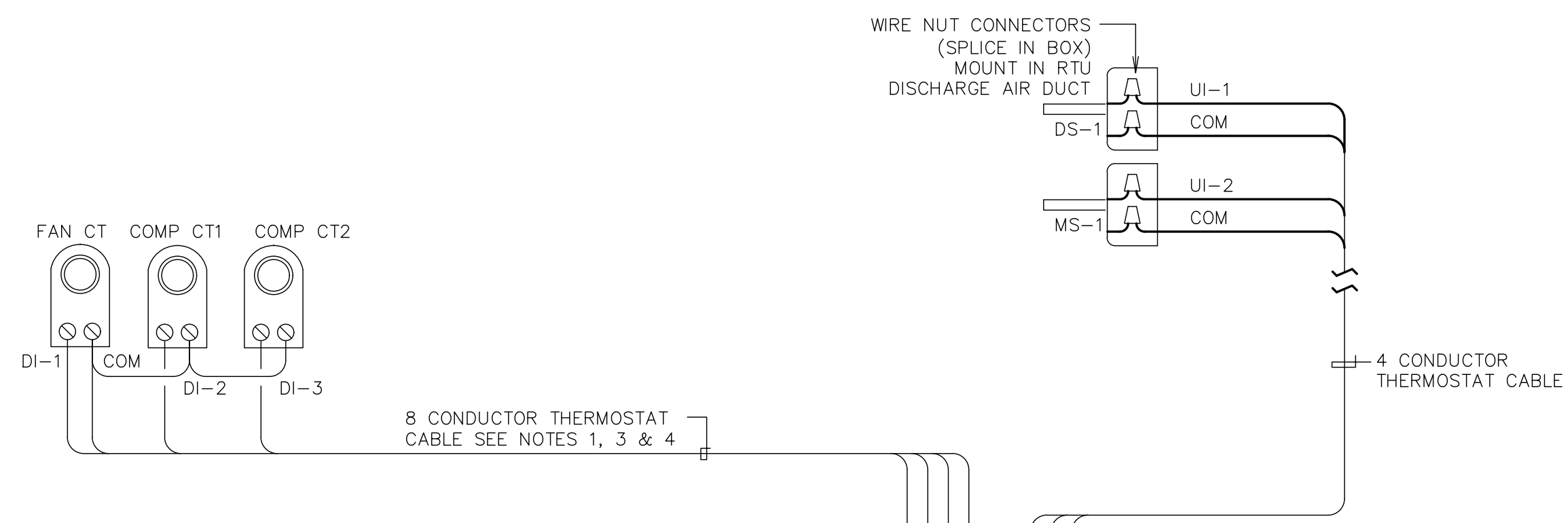
(FAMILY

SERVICES

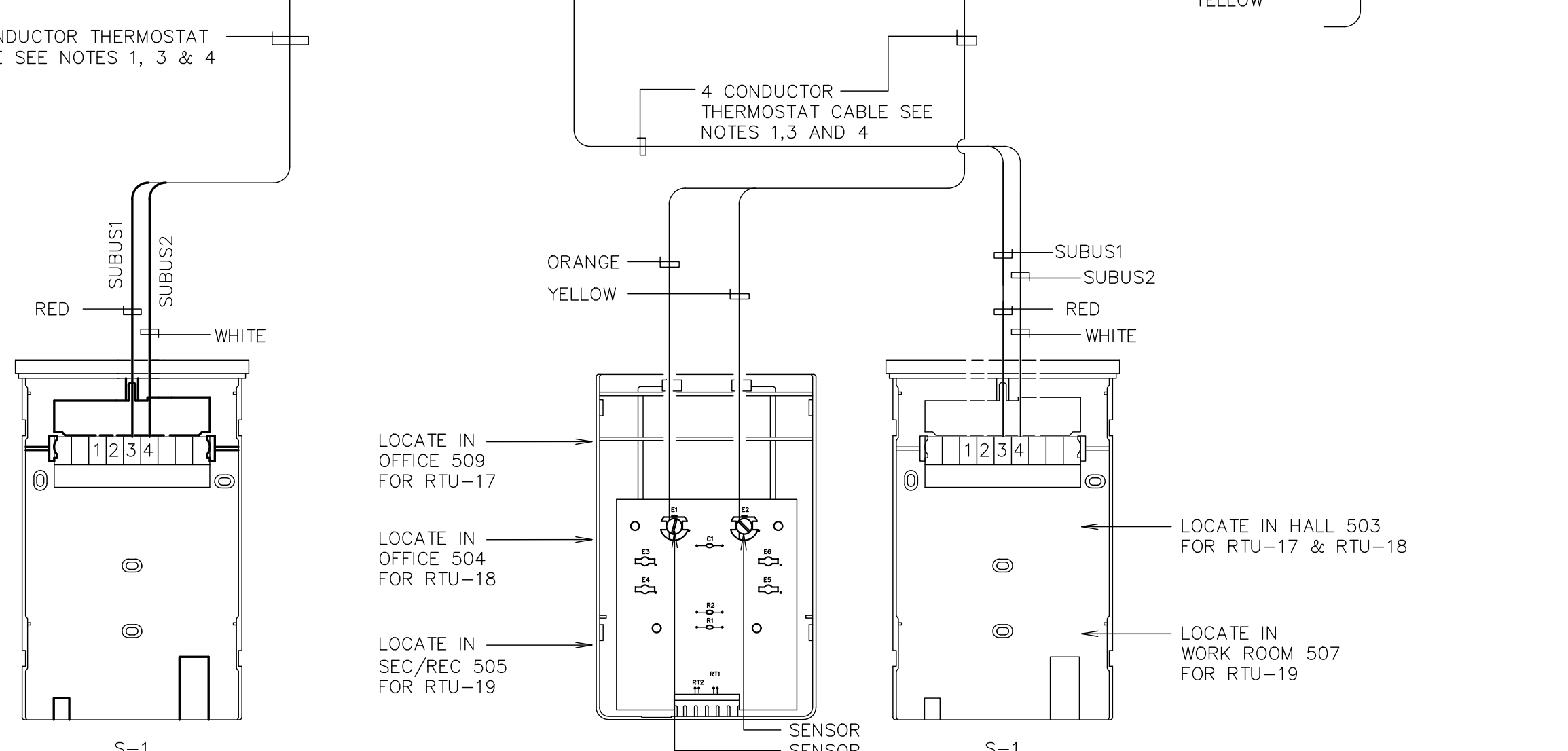
MODULE)

Sheet:

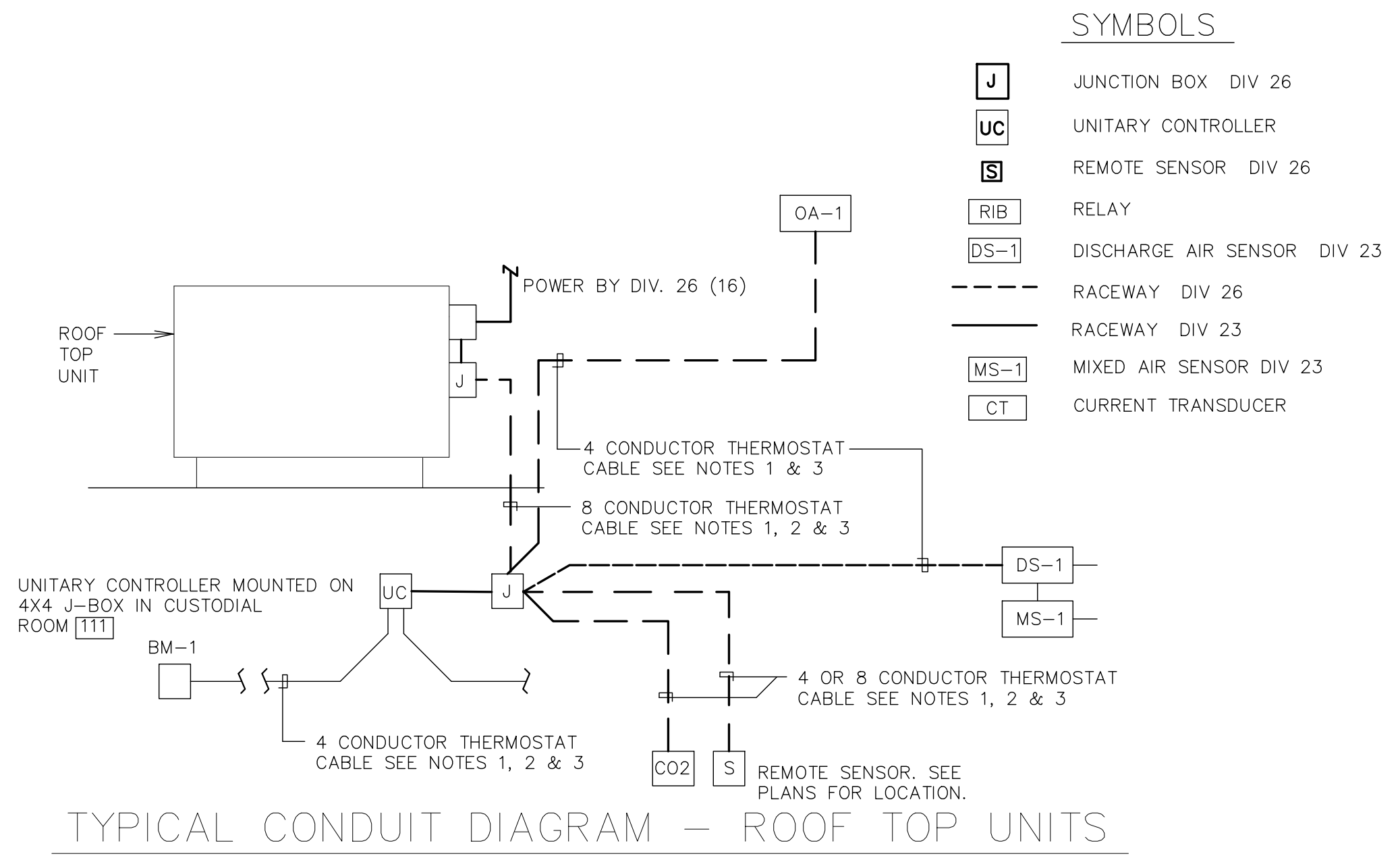
ME101e



SYSTEM: RTU 16



SYSTEMS: RTU-17, RTU-18 & RTU-19 (TWO SENSOR AVERAGING)



TYPICAL CONDUIT DIAGRAM - ROOF TOP UNITS

SYMBOLS

J	JUNCTION BOX DIV 26
UC	UNITARY CONTROLLER
S	REMOTE SENSOR DIV 26
RIB	RELAY
DS-1	DISCHARGE AIR SENSOR DIV 23
MS-1	MIXED AIR SENSOR DIV 23
CT	CURRENT TRANSDUCER

CONTROL EQUIPMENT

MARK	DESCRIPTION	CAT. NO. (1)
UC-1	UNITARY CONTROLLER	PUL6438S
S-1	REMOTE SPACE ECONTROL MODULE	TR-70
S-2	REMOTE SPACE SENSOR	TR-21
DS-1	DISCHARGE AIR SENSOR	C7041B2005
RIB	RELAY	FUNCTIONAL DEVICES RIBUTC
SD-1	DUCT SMOKE DETECTOR	(2)
MS-1	MIXED AIR TEMP SENSOR	C7041B2005
CO2	CO2 SENSOR	C7232A1016
RI-6	ISOLATION RELAYS	FUNCTIONAL DEVICES RH2BUL24B
BM-1	BUILDING MANAGER	WEB-600-0
CT	CURRENT TRANSMITTER	CSP-0-F10-001

- ① ALL CATALOG NUMBERS SHOWN ARE HONEYWELL UNLESS NOTED OTHERWISE.
- ② SEE SPECIFICATION.
- ③ LOCATE AS SHOWN ON MECHANICAL PLANS

- NOTES:**
- THERMOSTAT CABLE- 4 OR 8 CONDUCTOR- 18 AWG SOLID COPPER WIRE INSULATED WITH HIGH DENSITY POLYETHYLENE. CONDUCTORS PARALLEL, ENCLOSED IN BROWN PVC JACKET. (22 AWG CABLE NOT ALLOWED).
 - 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.
 - DO NOT RUN ANY OTHER WIRING IN CONDUIT WITH THERMOSTAT CABLE.
 - DO NOT SPLICE WIRE IN RUNS FROM SENSOR TO THERMOSTAT, THERMOSTAT TO ROOF TOP UNIT AND THERMOSTAT TO DISCHARGE AIR SENSOR.
 - PROVIDE CHASE NIPPLE W/PLASTIC BUSHING WHEN ATTACHING J-BOX TO EQUIPMENT.
 - PROVIDE CABLE CLAMP SO THAT CABLES CANNOT BE PULLED OUT OF J-BOX.
 - PROVIDE ONE (1) OA-1 SENSOR FOR ENTIRE BUILDING. LOCATE ON NORTH SIDE OF BUILDING. (NOT IN DIRECT SUNLIGHT)
 - MOUNT CO2 AND TEMPERATURE SENSORS IN ZONE 4 ON COLUMN STACKED VERTICALLY WITH THE LOWEST SENSOR AT 78" AFF.
 - PROVIDE CT FOR ACTUAL NUMBER OF FANS AND COMPRESSORS.

LEGEND:

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

WIRING DIAGRAM

Project Name

Project Address

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

Mark	Date (M.M.Y)	Description

Project Number:

Plan Series:
DI-MOD-FS-09-15

Property Number:

Sheet Title:
MECHANICAL TEMPERATURE CONTROLS (FAMILY SERVICES MODULE)

Sheet:
ME201e

Architect / Engineer:

Stamp:

Project Name
Project Address

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

Mark	Date	Description

Project Number:

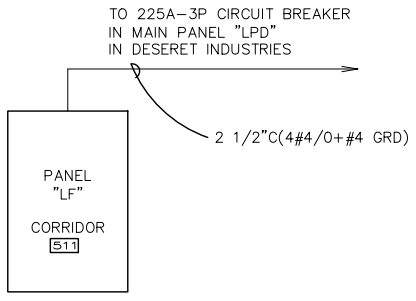
Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
FLOOR PLAN LIGHTING (FAMILY SERVICES MODULE)

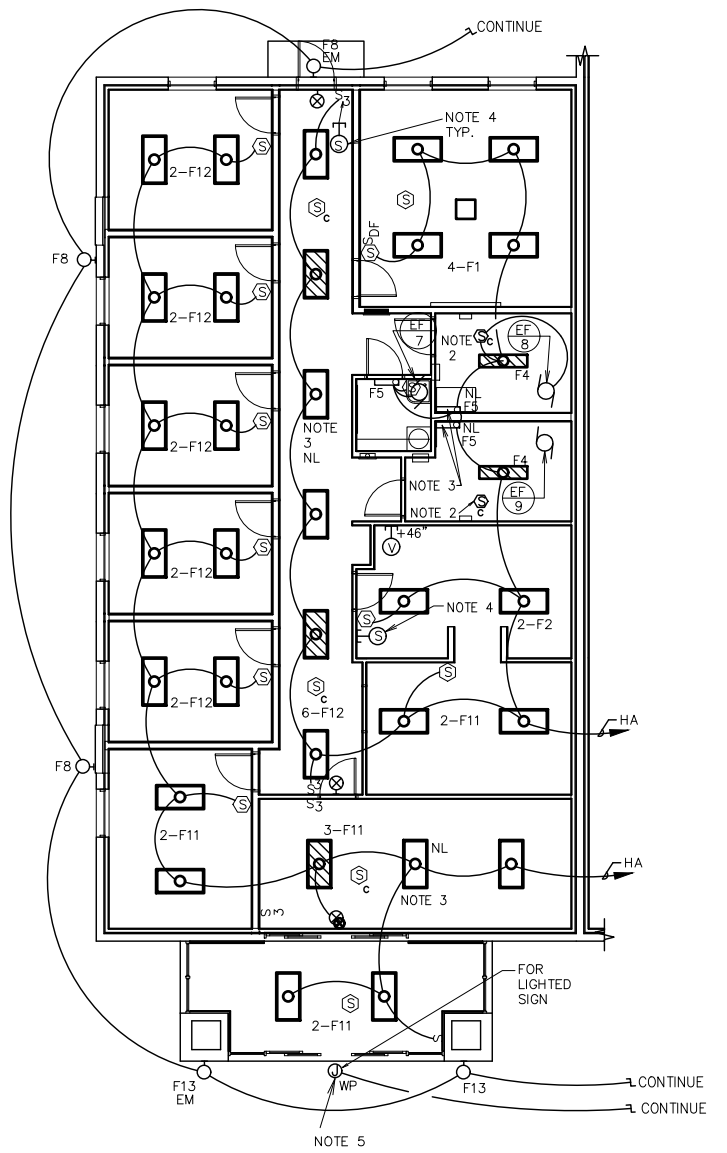
Sheet:
E101e

NOTES

- TO TWO 20A-IP CIRCUIT BREAKERS IN PANEL "HA" IN DESERET INDUSTRIES.
- SENSOR TO CONTROL LIGHTING AND EXHAUST FAN. PROVIDE SUFFICIENT BOX DEPTH AND CORRECT PLASTER RING TO ACCOMMODATE ACTUAL RELAY UNITS AND OCCUPANCY SENSOR INSTALLED. ALSO PROVIDE PROPER SEPARATION OF 120V, 277V AND CLASS 2 WIRING AS NECESSARY IN ACCORDANCE WITH N.E.C. SET SENSITIVITY AND TIME DELAY OF SENSORS TO MAXIMUM SEE SCHEME "A" ON SHEET E603.
- PROVIDE 277 VOLT UNSWITCHED POWER TO NIGHT LIGHT (NL).
- MOUNT BOX AT SAME HEIGHT AS ADJACENT OUTLET OR SWITCH. STUB CONDUIT INTO ACCESSIBLE CORRIDOR CEILING SPACE.
- SEE ARCHITECTURAL ELEVATION 3/A201e FOR MOUNTING HEIGHT AND LOCATION.



SINGLE LINE DIAGRAM
N.T.S.



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

PANEL "LF"

AMPS 225 MAIN LUGS ONLY VOLTS 120/208		PHASE 3 MOUNTING FLUSH			LOCATION CORR 511					
BRKR	DESCRIPTION	CIRCUIT	PHASE LOAD	CIRCUIT	DESCRIPTION	BRKR				
A P		V.A. NO.	A B C	NO. V.A.		A P				
20	1	MOTORIZED DOORS	1000 1	2200	2	1200	RECEPT-OFFICES	20	1	
20	1	RECEPT-WAITING	1000 3	2200	4	1200	RECEPT-OFFICES	20	1	
20	1	RECEPT-OFFICE	800 5		6	700	RECEPT-FOOD/BRK(REF)	20	1	
20	1	RECEPT-FOOD/BREAK	200 7	1550	8	1350	WATER HEATER WH-4	20	1	
20	1	RECEPT-MICROWAVE	1200 9	1600	10	400	RECEPT-FOOD/BRK	20	1	
20	1	DISPOSER	1650 11		12	1620	RECEPT-CONFERENCE	20	1	
20	1	HAND DRYER	1840 13	2240	14	400	RECEPT-PHONE BOARD	20	1	
20	1	HAND DRYER	1840 15	2440	16	600	RECEPT-ROOF	20	1	
20	1	RECEPT-EWC,WOMEN,MEN	1200 17		18	500	RECEPT-COPIER	20	1	
40	2	RTU-16 FAMILY SERVICES	2180 19	2580	20	400	RECEPT-WORK	20	1	
-	-	-	2180 21	2680	22	500	RECEPT-COPIER	20	1	
50	3	RTU-17 FAMILY SERVICES	3000 23		3400	24	400	RECEPT-WORK	20	1
-	-	-	3000 25	4000	26	1000	RECEPT-SEC/REC	20	1	
-	-	-	3000 27		3400	28	400	RECEPT-HALL	20	1
50	3	RTU-18 FAMILY SERVICES	3000 29		6000	30	3000	RTU-19 FAMILY SERVICES	50	3
-	-	-	3000 31	6000	32	3000	-	-	-	-
-	-	-	3000 33	6000	34	3000	-	-	-	-
20	1	SPARE		35		36	SPARE	20	1	
20	1	SPARE		37	1840	38	1840	HAND DRYER	20	1
20	1	SPARE		39	1840	40	1840	HAND DRYER	20	1
		SPACE		41		42	SPACE			
		20,410		20,160	15,870	TOTAL LOAD		56,440	WATTS	
								157	AMPS	

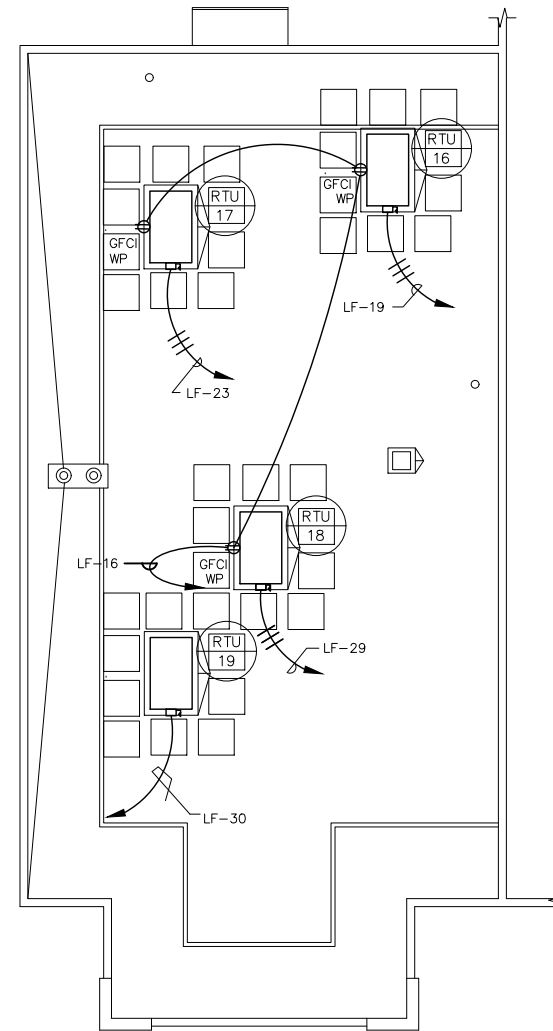
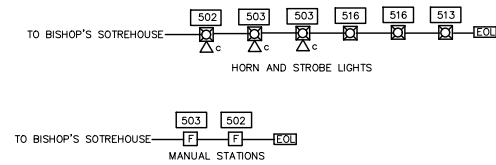
NOTES:

- NOT USED.
- SEE MECHANICAL SHEET ME201 FOR TEMPERATURE CONTROL SYSTEM RACEWAY REQUIREMENTS.
- ELECTRIC HAND DRYER. SEE SHEET A401e FOR EXACT LOCATION.
- MOUNT AT 8'-0".
- NOT USED.
- DISPOSER UNDER SINK. CONTROL WITH SWITCH ABOVE COUNTER.
- TELEPHONE/DATA TERMINAL BOARD
- CONNECT FIRE ALARM DEVICES TO FIRE ALARM CONTROL PANEL IN DESERET INDUSTRIES.

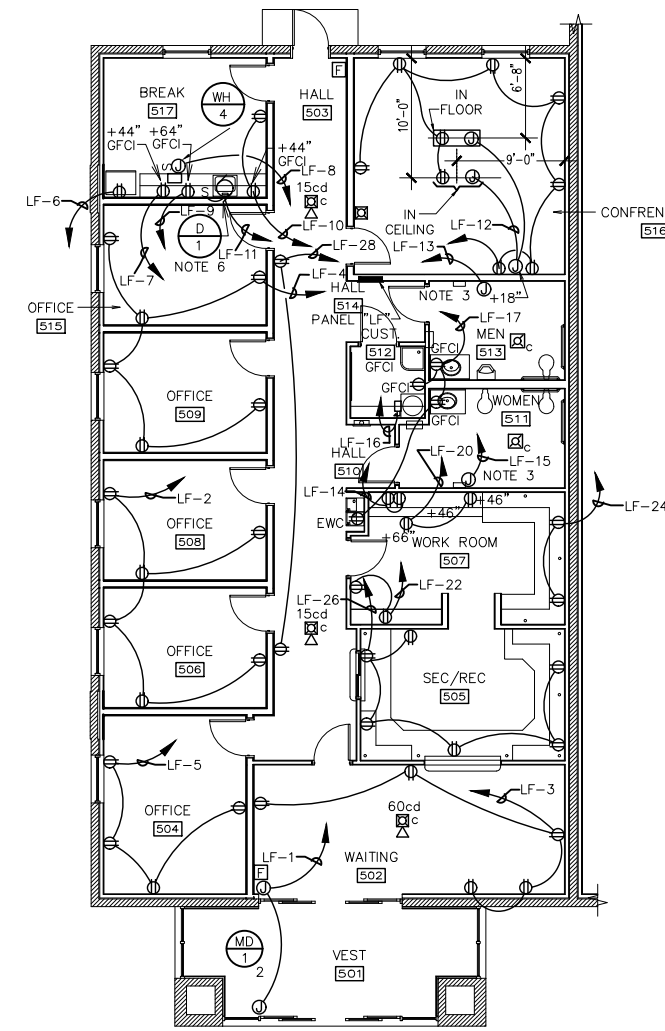
EQUIPMENT SCHEDULE

SYM	DESCRIPTION	CIRCUIT	FEEDER	VOLTS/Ø	DISCONNECT	STARTER	HP/W	FLA
RTU 16	ROOF TOP UNIT FAMILY SERVICES	LF-19	3/4"C(2#10)	208V/1Ø	30AS/30AF-2P* NEMA 3R	INCLUDED	-	21 MCA**
RTU 17	ROOF TOP UNIT FAMILT SERVICES	LF-23	3/4"C (3#10,#10G)	208V/3Ø	60AS/40AF-3P* NEMA 3R	INCLUDED	-	25 MCA**
RTU 18	ROOF TOP UNIT FAMILY SERVICES	LF-29	3/4"C (3#10,#10G)	208V/3Ø	60AS/40AF-3P* NEMA 3R	INCLUDED	-	25 MCA**
RTU 19	ROOF TOP UNIT FAMILY SERVICES	LF-30	3/4"C (3#8,#10G)	208V/3Ø	60AS/50AF-3P* NEMA 3R	INCLUDED	-	30 MCA**
EF 7	EXHAUST FAN CUSTODIAN 512	LF-15	1/2"C(2#12)	120V/1Ø	SINGLE POLE SWITCH	-	35W	.3
EF 8	EXHAUST FAN MEN 513	LF-15	1/2"C(2#12)	120V/1Ø	SINGLE POLE SWITCH	-	77W	.6
EF 9	EXHAUST FAN WOMEN 511	LF-15	1/2"C(2#12)	120V/1Ø	SINGLE POLE SWITCH	-	77W	.6
D 1	DISPOSER	LF-35	1/2"C(2#12)	120V/1Ø	SINGLE POLE SWITCH	-	3/4 HP	13.8
WH 4	WATER HEATER	LF-36	1/2"C(2#12)	120V/1Ø	SINGLE POLE SWITCH	-	1350W	-

* ALL FUSES SHALL BE DUAL-ELEMENT TIME DELAY TYPE. FINAL BREAKER/FUSE SIZE SHALL BE DETERMINED BY MANUFACTURERS RECOMMENDATION FOR ACTUAL EQUIPMENT INSTALLED.
 ** MCA - MINIMUM CIRCUIT AMPACITY VALUES INDICATED.



② ROOF PLAN - POWER
1/8" = 1'-0"



① FLOOR PLAN - POWER
1/8" = 1'-0"

Architect / Engineer:

Stamp:

Project Name

Project Address

Project for:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date	By	Description

Project Number: ***
 Plan Series: DI-MOD-FS-09-15
 Property Number: ***

Sheet Title:
FLOOR & ROOF PLANS - POWER (FAMILY SERVICES MODULE)

Sheet:

E102e

Architect / Engineer:

NOTES:

1. INSTALL TV OUTLET AT 78" AFF. COORDINATE LATERAL DIMENSIONS WITH TV MOUNTING HARDWARE AND WALL BACKING.
2. PROVIDE SLIDE-OUT EQUIPMENT RACKS IN MILLWORK UNDER WORK COUNTER. SEE DETAIL ON SHEET ET601e.
3. SEE NOTE 1 ABOVE AND DETAIL 7 ON ET601e.
4. PROVIDE 4 PORT SPLITTER FOR CONTINUED TV DISTRIBUTION FROM MAIN AMPLIFIER IN D.I. FACULTY.
5. PROVIDE 1 ADDITIONAL PAGE ZONE AT THE MAIN PAGING HEADEND IN THE MAIN FACILITY FOR THE SPEAKER ZONE IN FAMILY SERVICES.
6. PROVIDE DATA CONNECTION IN SHARED FLOORBOX. SEE ELECTRICAL POWER SHEETS.
7. PROVIDE CEILING MOUNTED DATA OUTLET FOR CONNECTION TO PROJECTOR.

Stamp:

Project Name

Project Address

Project for:

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Mark Date (a.m./p.) Description

Project Number:

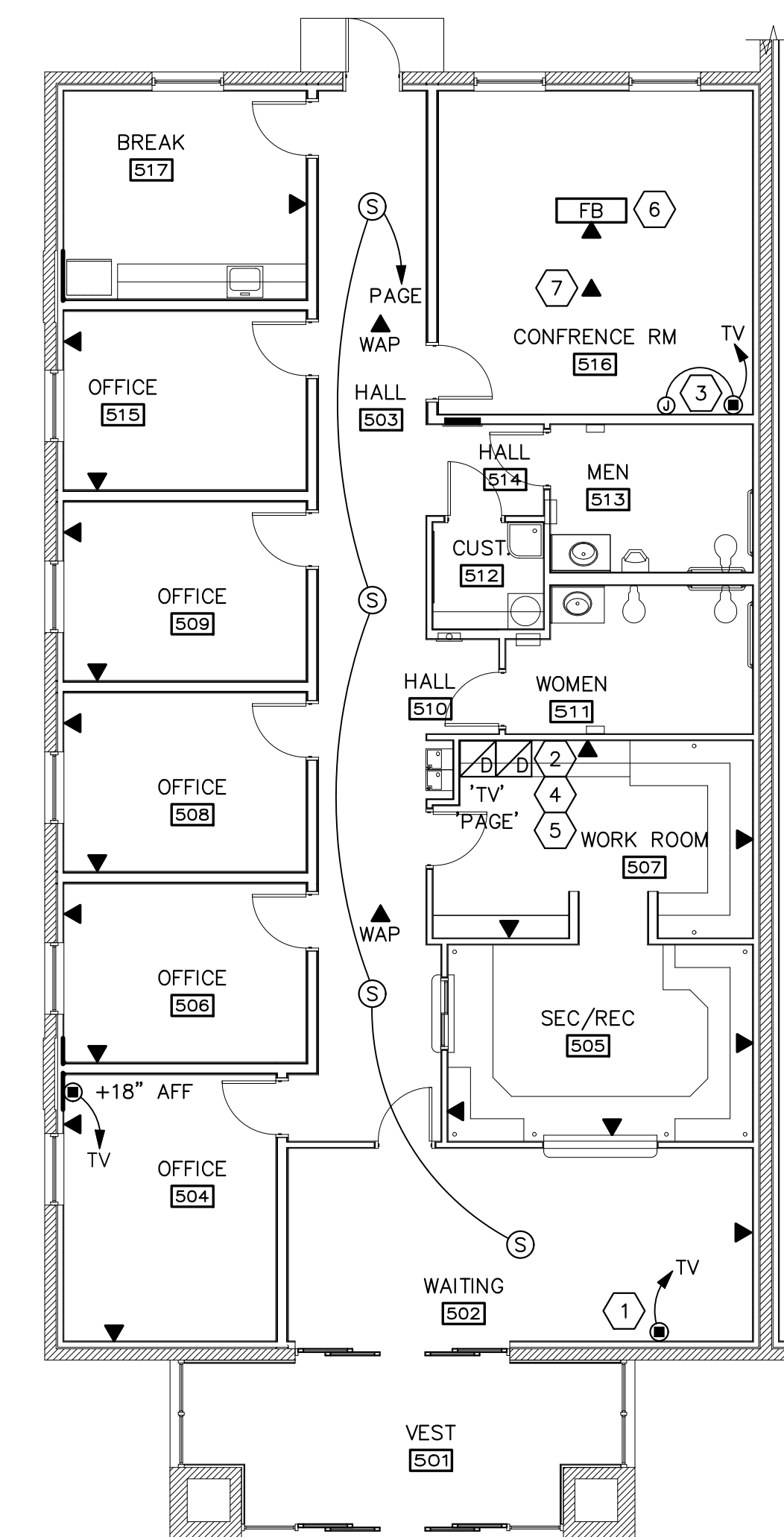
Plan Series:
DI-MOD-FS-09-15

Property Number:

Sheet Title:
MAIN FLOOR
TECHNOLOGY
SYSTEM
LAYOUT
(FAMILY
SERVICES
MODULE)

Sheet:

ET111e



1 MAIN FLOOR – TECHNOLOGY
1/8" = 1'-0"

SECURITY EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING *	ROUGH-IN	QTY	ACCEPTABLE TYPES
CI	DOOR MONITOR - CONTACT INDICATOR SWITCH	SEE DETAIL	SEE DETAIL	OFF	
SCP	SECURITY ARM/DISARM KEYPAD	50"	4SQ W/ 1G RING	OFF	BY OWNER
SEC	SECURITY ALARM SYSTEM CONNECTIONS	INDSIDE RACK		1	COORDINATE WITH OWNER
MD	MOTION DETECTOR	CEILING	4SQ W/ 1G RING	OFF	BY OWNER
Ⓜ	GLASSBREAK DETECTOR	CEILING	4SQ W/ 1G RING	OFF	BY OWNER

* COORDINATE MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS BEFORE INSTALLATION.

Architect / Engineer:

Stamp:

Project Name

Project Address

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

Mark, Date (a,b,c) | Description

Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
ELECTRICAL TECHNOLOGY EQUIPMENT LISTS AND NOTES (FAMILY SERVICES MODULE)

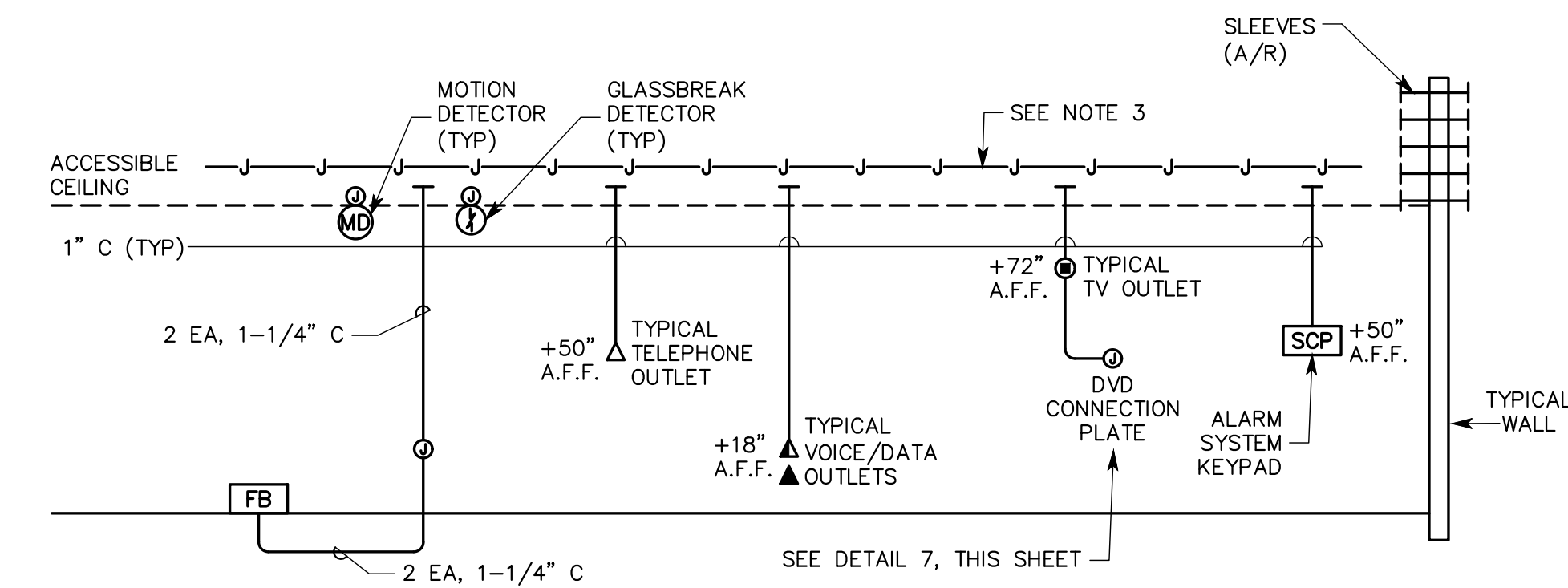
Sheet:

ET601e

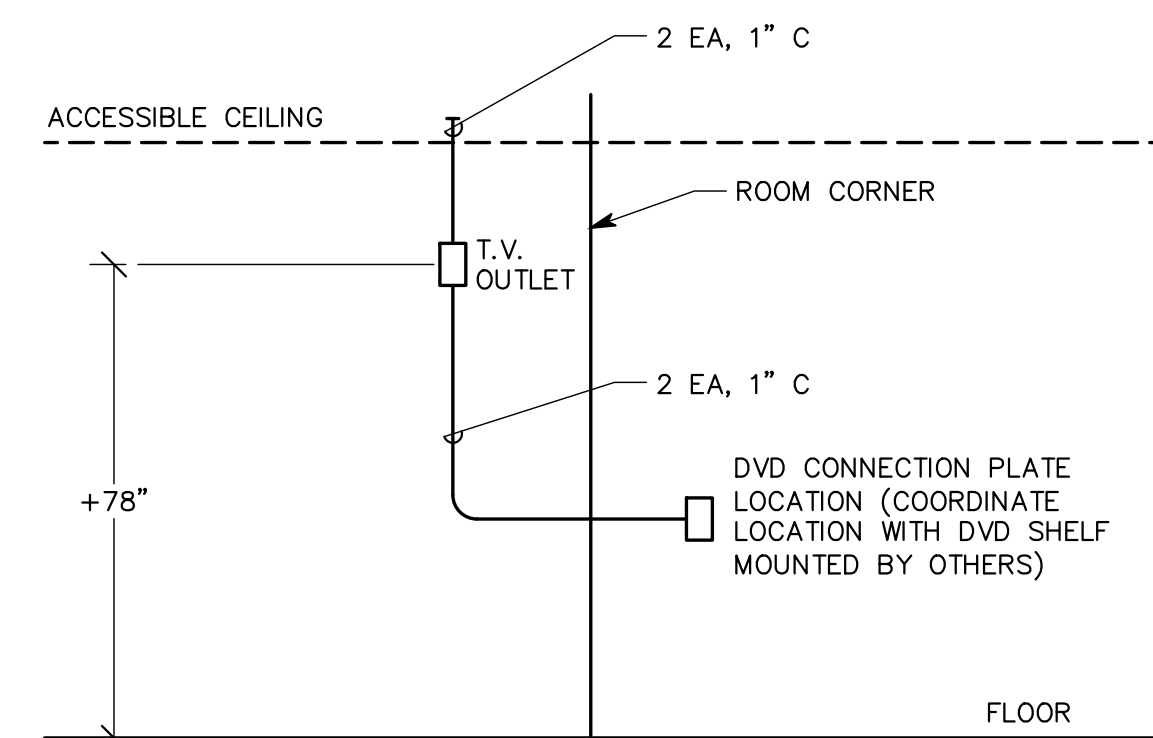
NOTES:

- ALL VERTICAL STUBBED CONDUITS SHALL BE 1" OR AS NOTED.
- ALL JUNCTION BOXES SHALL BE 2 GANG, DEEP, WITH SINGLE GANG TRIM RINGS (UNO).
- ALL LOOSE LOW VOLTAGE SYSTEMS CABLING IN ACCESSIBLE SPACES SHALL USE J-HOOK CABLE MANAGEMENT AND COMPLY WITH ANSI/TIA/EIA 569C STANDARDS.

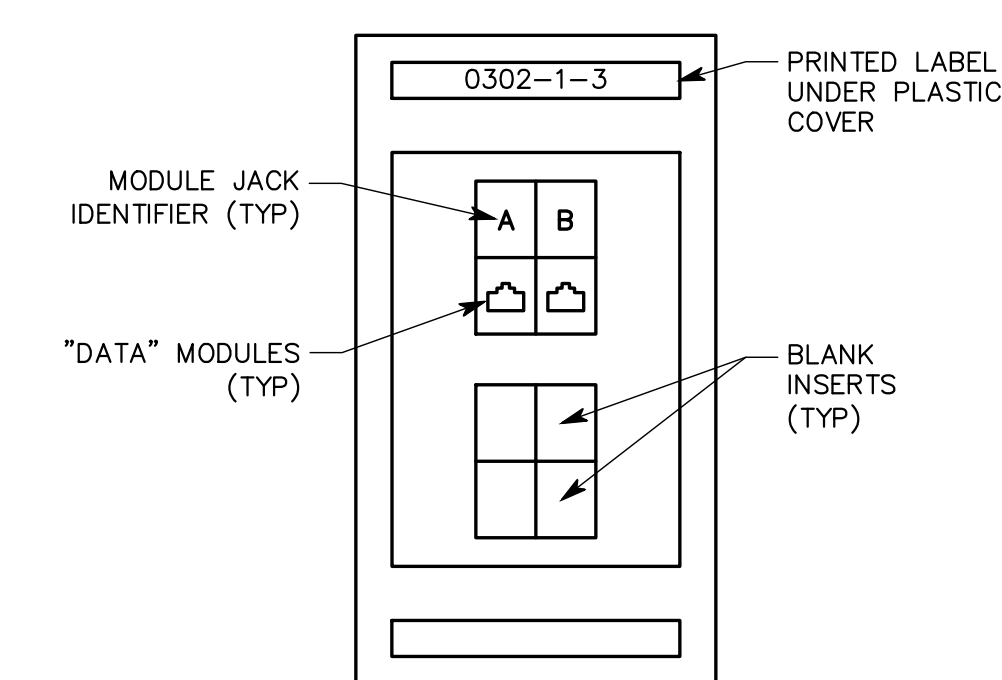
A/R = AS REQUIRED
UNO = UNLESS NOTED OTHERWISE



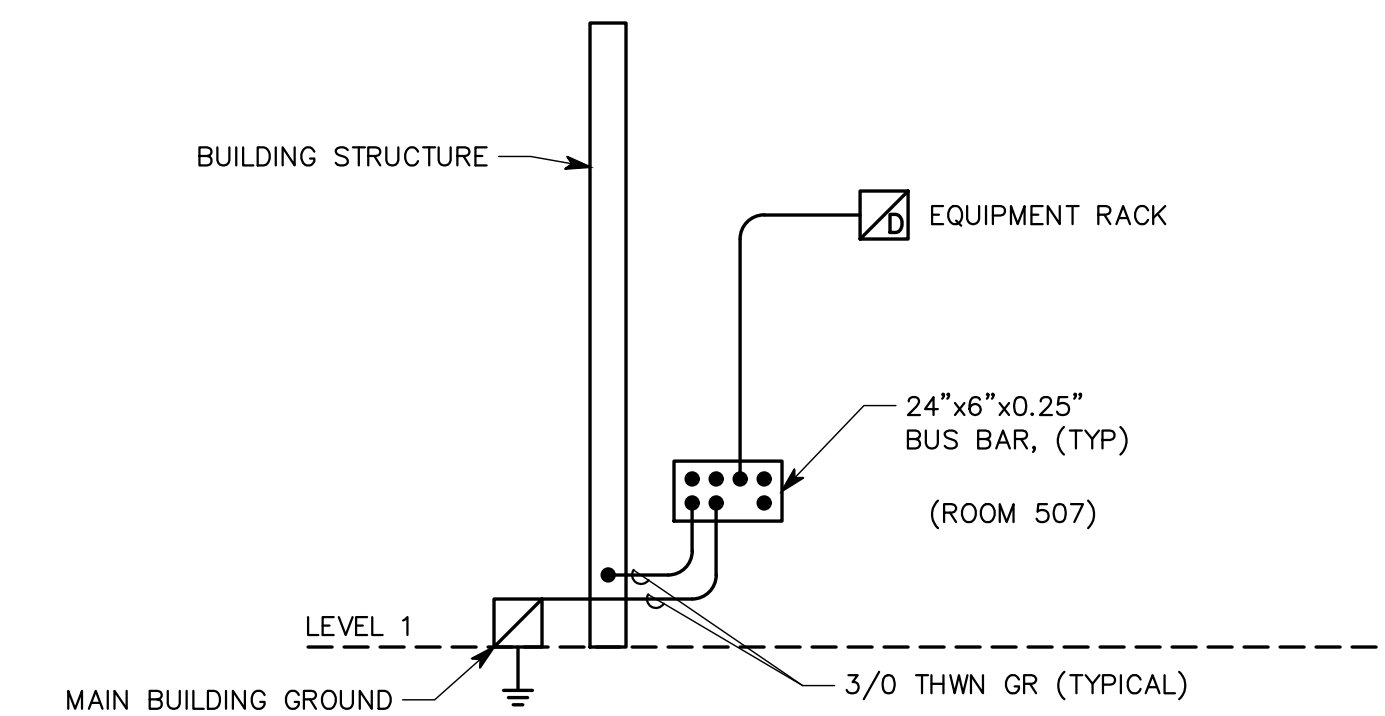
4 TYPICAL SYSTEMS CONDUIT RISER
NTS



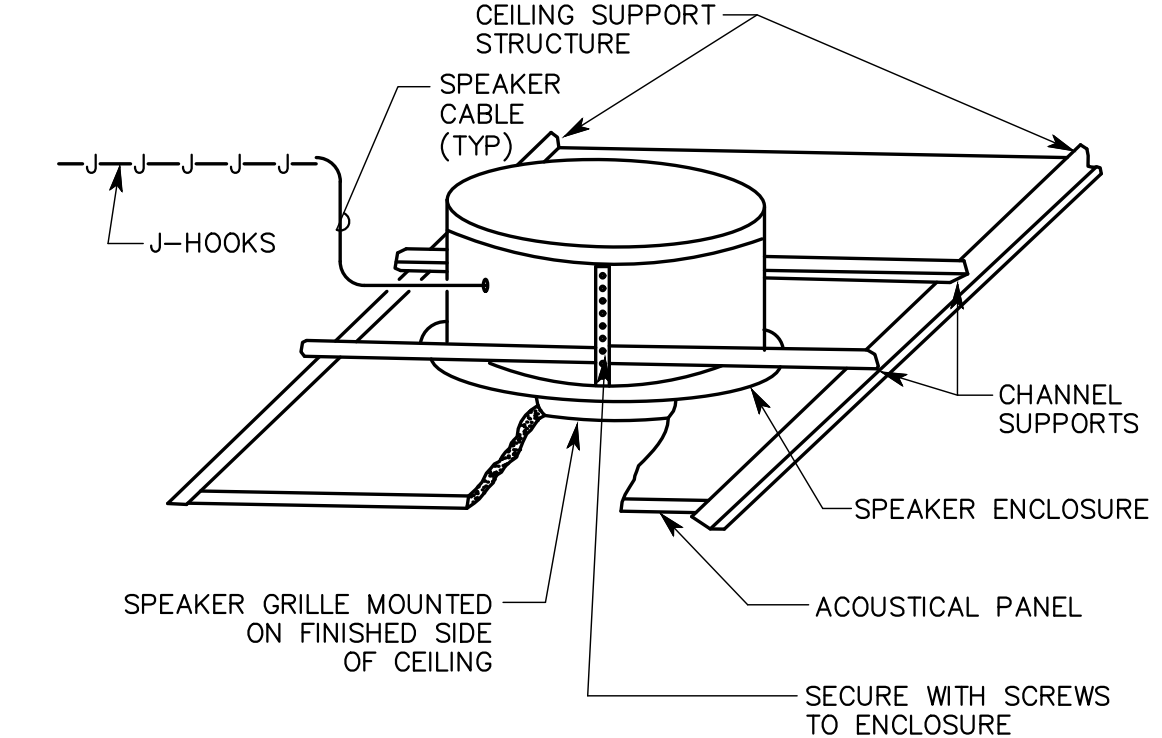
7 TYPICAL TV/MEDIA CONDUIT RISER DIAGRAM
NO SCALE



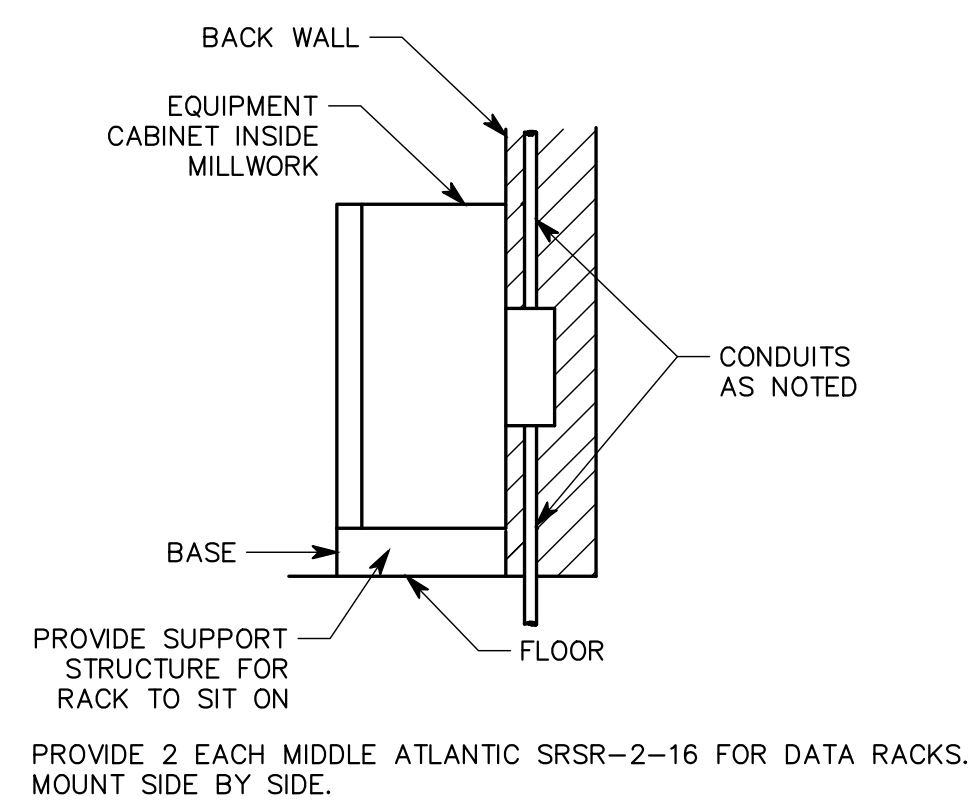
6 VOICE/DATA PLATE DETAIL (TYP)
NO SCALE



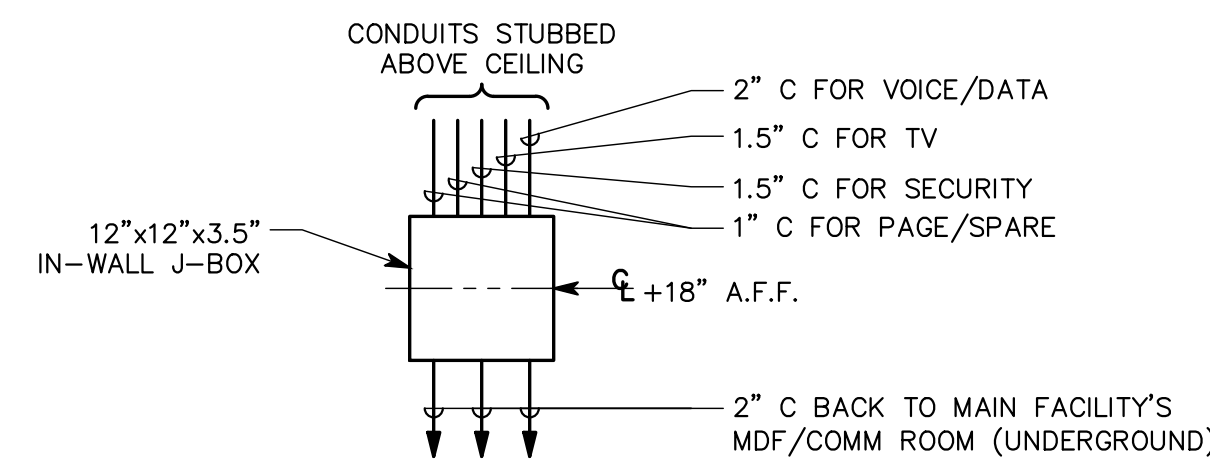
3 VOICE-DATA GROUNDING AND CONDUIT RISER DIAGRAM
NO SCALE



2 CEILING SPEAKER MOUNTING DETAIL
NO SCALE

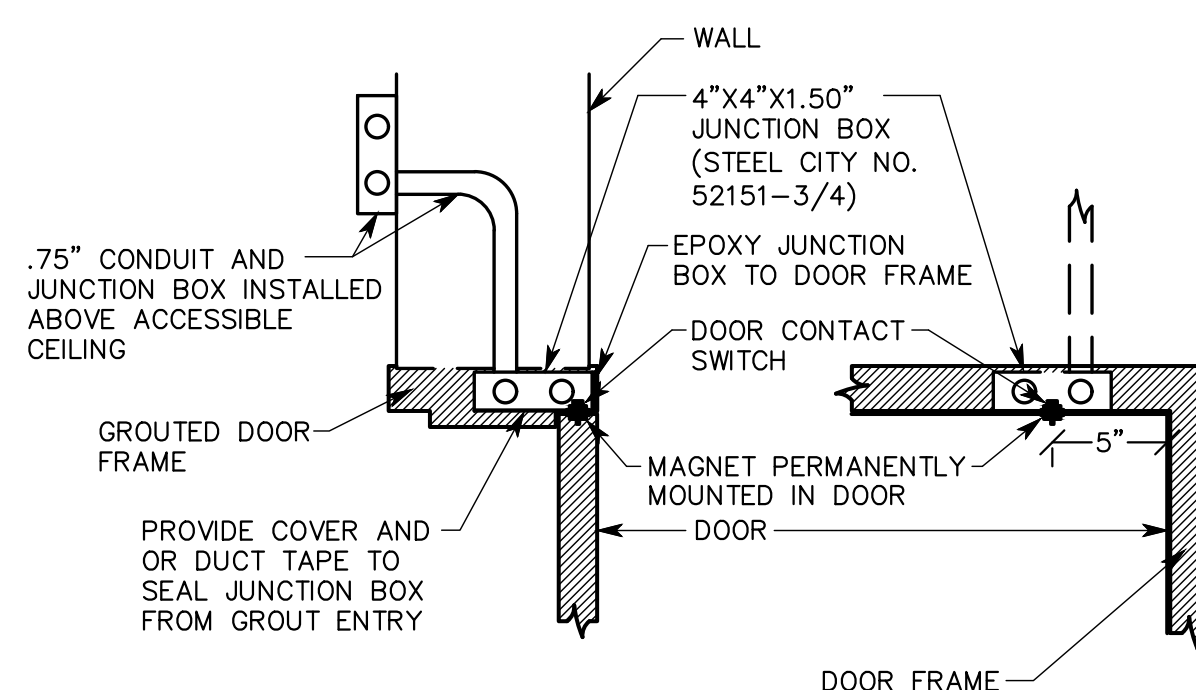


5 EQUIPMENT RACK MOUNTING DETAIL
NO SCALE



NOTES:

- DRILL .125" HOLE TO INDICATE SWITCH LOCATION AND IDENTIFY WHERE JUNCTION BOX IS.
- THE INTENT OF THIS DETAIL IS TO PROVIDE A GROUT-FREE ENVIRONMENT FOR, AND EASIER CABLE ACCESS TO, THE CONTACT SWITCH LOCATION. SUBMIT METHOD OF PROVIDING GROUT FREE ENVIRONMENT DURING SUBMITTAL PROCESS. ADDRESS ANY QUESTIONS TO THE ENGINEER.
- PRIOR TO ANY ROUGH-IN MEET WITH CHURCH PERSONNEL TO CONFIRM ROUGH-IN.
- PROVIDE FOR ALL EXTERIOR DOORS INCLUDING ALUMINUM STOREFRONT TYPES. WHERE ALUMINUM STOREFRONT SYSTEM OCCURS AROUND THE DOOR, STUB CONDUIT 20" BELOW HEADER DIRECTLY BEHIND CONTINUOUS HINGE.



1 DOOR CONTACT SWITCH DETAIL (TYPICAL)
NTS

Mark	Date (u.s.x)	Description

Project Number:

Plan Series:
DI-MOD-FS-09-15

Property Number:

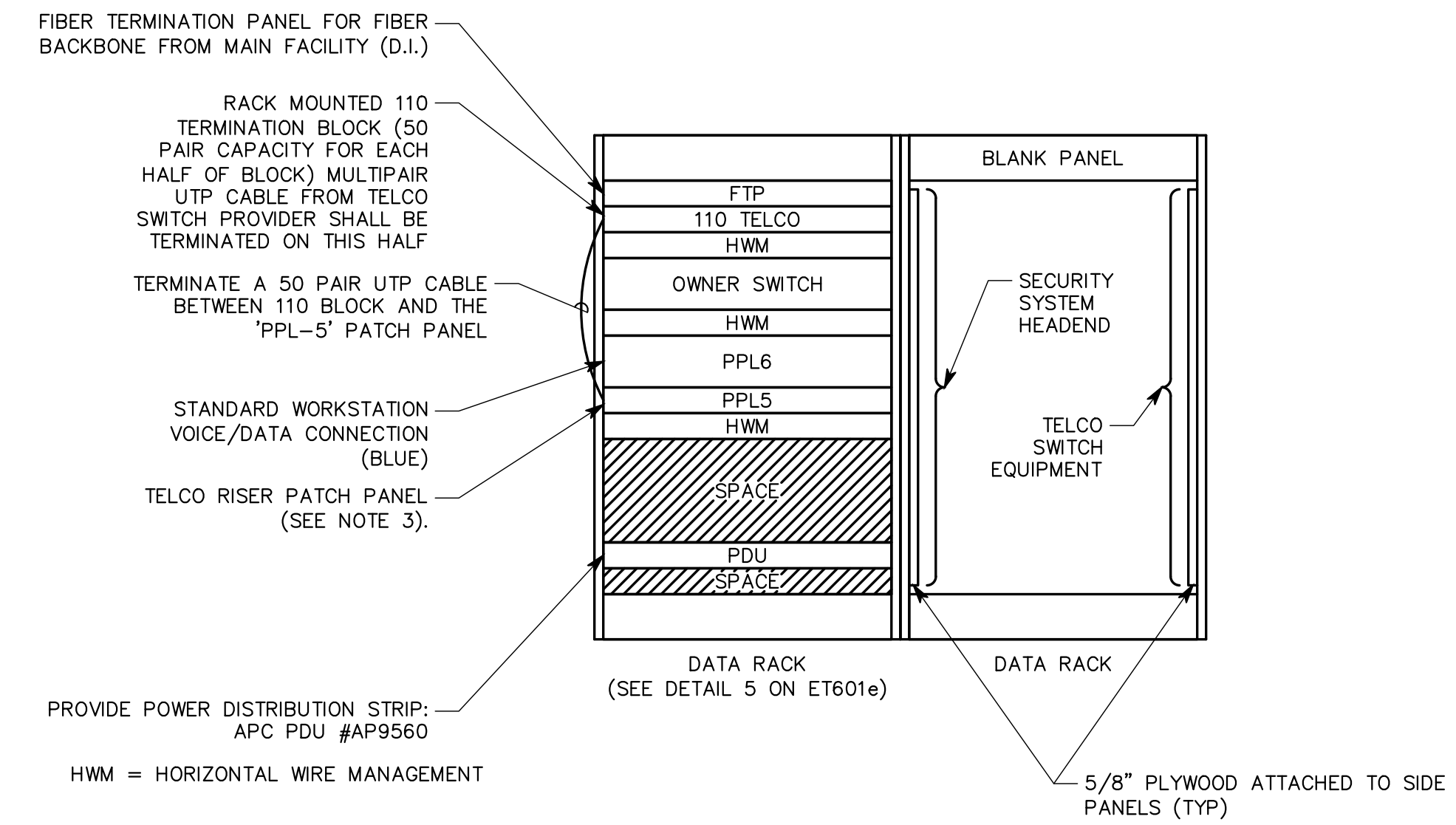
Sheet Title:
ELECTRICAL TECHNOLOGY EQUIPMENT LISTS AND NOTES (FAMILY SERVICES MODULE)

Sheet:

ET602e

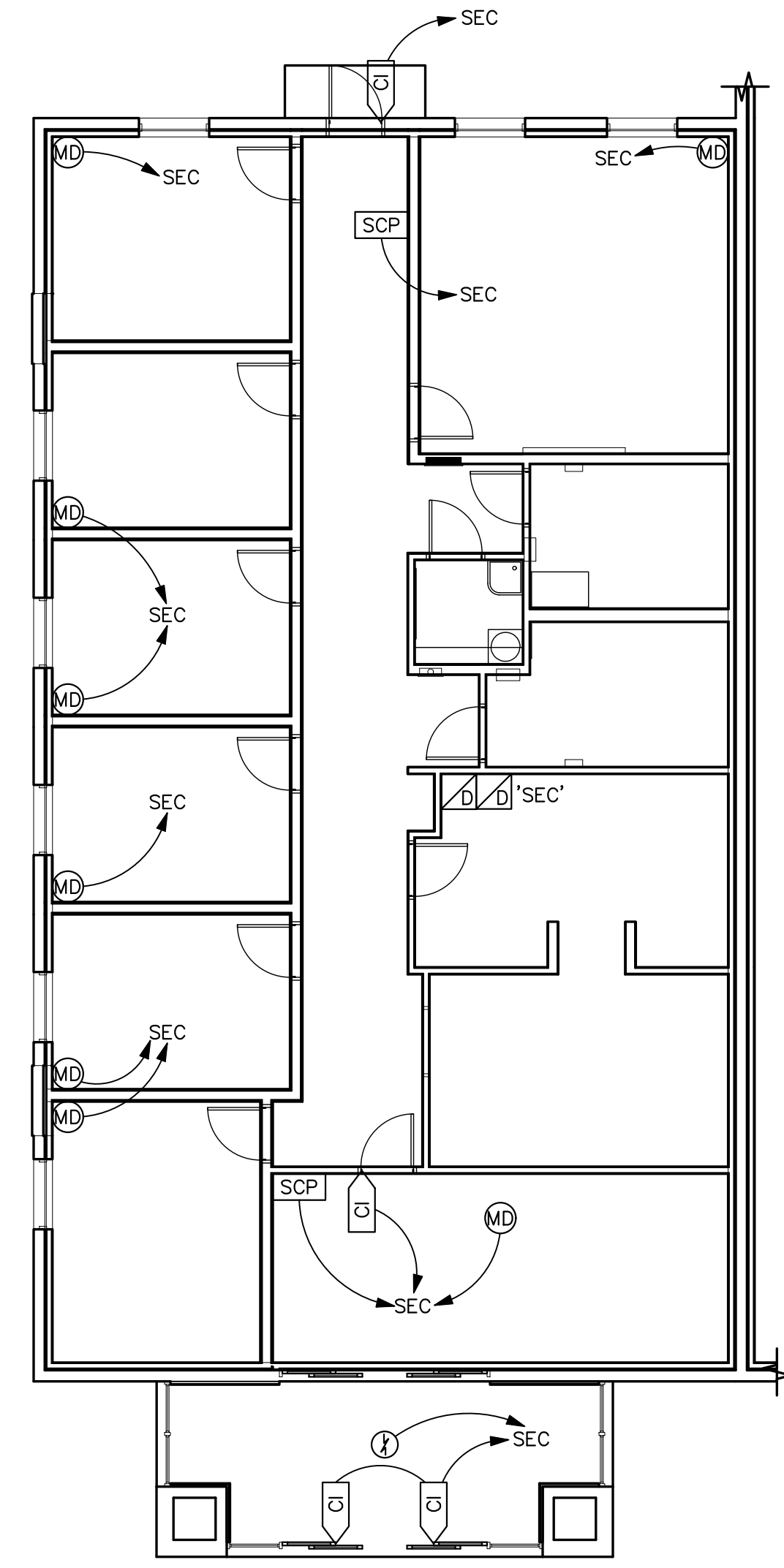
NOTES

1. PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED FOR THE TOTAL VOICE AND DATA OUTLETS SHOWN ON FLOOR PLANS.
2. COORDINATE WITH CHURCH PLANNING STAFF ON RACK PATCH PANEL DENSITY PRIOR TO ANY CABLE TERMINATION.
3. MULTI-PAIR CAT 3 UTP CABLE SHALL BE TERMINATED TO PATCH PANEL WITH ONE PAIR FOR EACH CONNECTOR MODULE.



1 EQUIPMENT RACK ELEVATIONS
NO SCALE

NOTES:
1. -



① MAIN FLOOR - SECURITY
1/8" = 1'-0"

Architect / Engineer:

Stamp:

Project Name
Project Address

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

Mark	Date (m.m.y)	Description

Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
MAIN FLOOR SECURITY SYSTEM LAYOUT (FAMILY SERVICES MODULE)

Sheet:
EY112e

VOICE/DATA EQUIPMENT/CABLE LIST

SYMBOL	DESCRIPTION	ACCEPTABLE TYPES
[DC]	PATCH CORDS, CAT 6	PROVIDE ONE FOR EVERY PORT TERMINATED FROM HORIZONTAL CABLING TO PATCH PANELS.
[PPL]	110 STYLE PUNCHDOWN BLOCKS (DUAL-SIDED - 1 SIDE STATION, 1 SIDE RISER)	PROVIDE QUANTITY OF PAIRS NEEDED, A 50 PAIR CABLE WOULD NEED 50 PAIR FOR EACH SIDE OF THE BLOCK.

NIC = NOT IN CONTRACT

VOICE/DATA EQUIPMENT/CABLE LIST

GENERAL NOTE: THIS REPRESENTS ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION, WHILE THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". FURNISH ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTION AND PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SECTION 27100 FOR ADDITIONAL INFORMATION. NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID AND PROVIDE COMPLETE SUBMITTAL FOR APPROVAL.

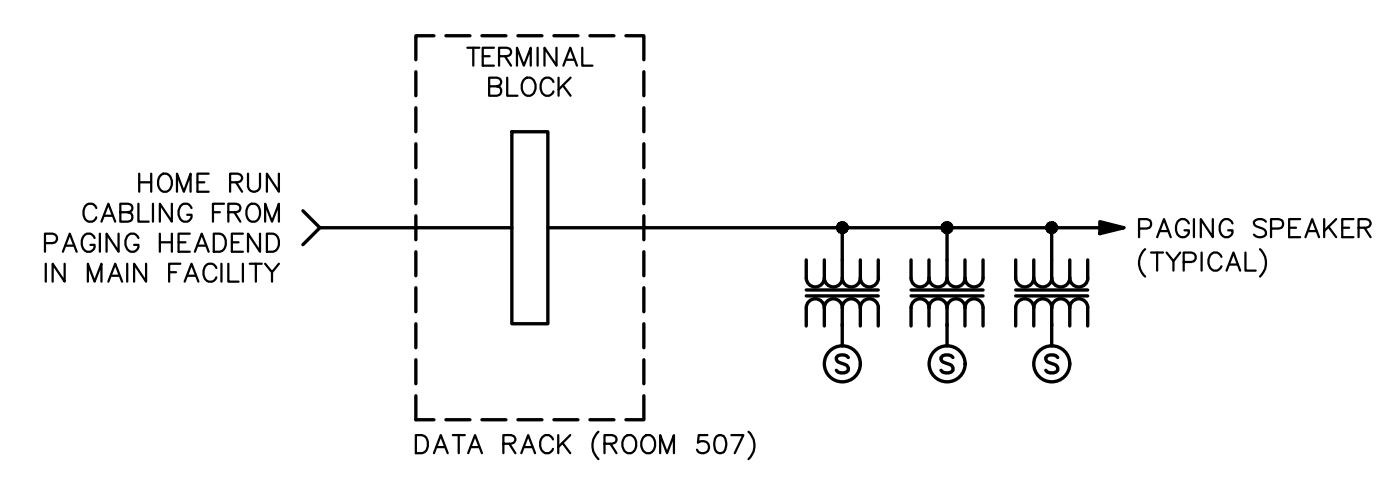
SYMBOL	DESCRIPTION	ACCEPTABLE TYPES
[FTP]	4 PAIR 24 GAUGE CAT 6 UTP, PLENUM CABLE	SEE SPECIFICATIONS
[FTP]	LC TYPE CONNECTOR PANEL PORTS AS REQUIRED	PROVIDE MODULAR TYPE WITH ADAPTER PLATES
[PPL5]	24-PORT PATCH PANEL WITH CAT 5e RJ45 JACKS; MOUNTED IN RACK (ANALOG DEVICES)	PROVIDE QUANTITY OF PORTS SHOWN ON DRAWINGS
[PPL6]	48-PORT PATCH PANEL WITH CAT 6 RJ45 JACKS; MOUNTED IN RACK	PROVIDE QUANTITY OF PORTS SHOWN ON DRAWINGS
[D/B]	DATA RACKS, SLIDE-OUT CABINETS IN MILLWORK	SEE DETAIL 5 ON ET601e
[C]	VOICE/DATA JACK ▼ - 2 CABLES OR AS NOTED (C - CEILING)	PROVIDE WITH CAT 6 COMPLIANT RJ45 MODULAR CONNECTORS. SEE DETAILS.
[WAP]	DATA JACK FOR WIRELESS ACCESS POINT	PROVIDE WITH CAT 6 COMPLIANT RJ45 MODULAR CONNECTORS. SEE DETAILS.
[HWM]	HORIZONTAL WIRE MANAGER (1 RU)	SEE SPECIFICATIONS

NIC = NOT IN CONTRACT

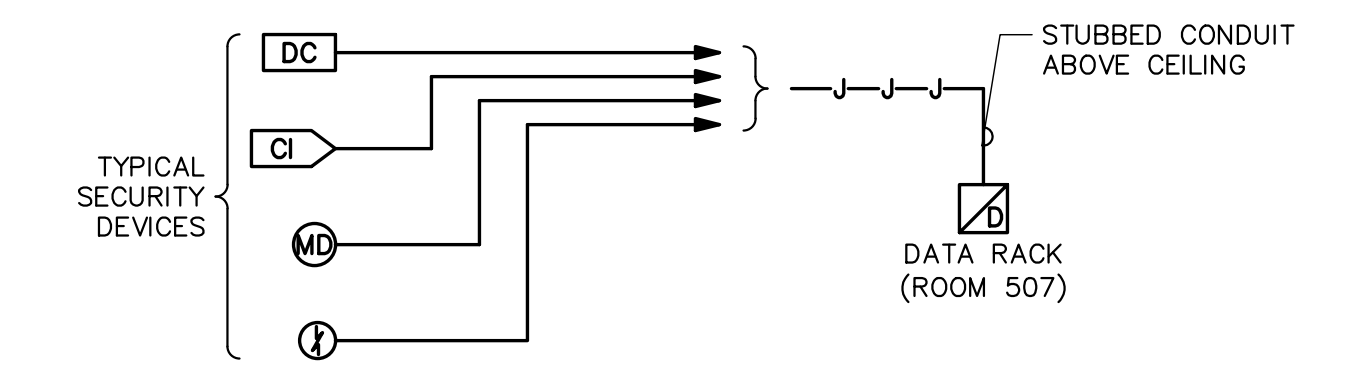
PAGING SYSTEM EQUIPMENT LIST

SYMBOL	DESCRIPTION	QUANTITY	ACCEPTABLE TYPES
[S]	8" SPEAKER, RECESSED, CEILING MOUNTED	OFFP	ATLAS SOUND GD87W
[S]	SPEAKER CABLE	A/R	2 TWISTED PAIR, 18 GAUGE

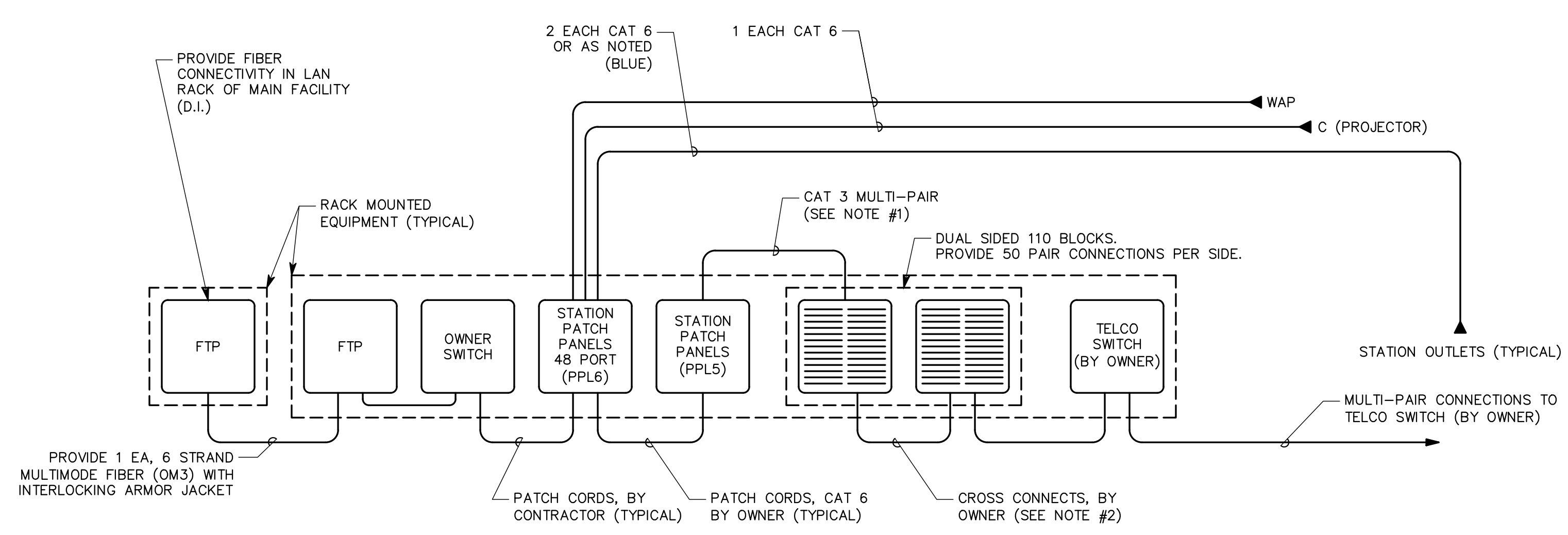
OFFP = OBTAIN FROM PLANS
A/R = AS REQUIRED



3 PAGING SYSTEM DETAIL
NO SCALE



2 INTRUSION DETECTION SYSTEM (ROUGH-IN ONLY)
NO SCALE

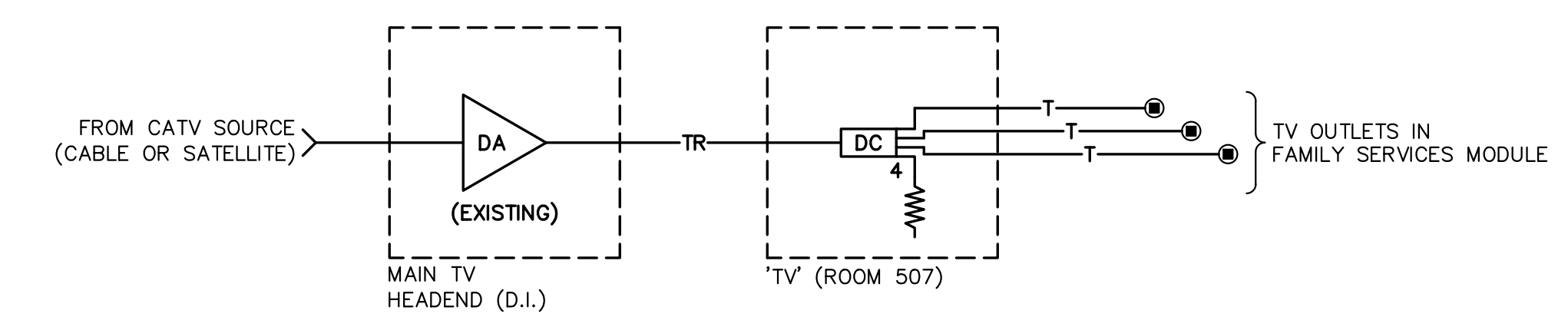


- NOTES:**
- MULTI-PAIR CABLE SHALL BE TERMINATED TO PATCH PANEL WITH ONE PAIR USED FOR EACH CONNECTOR MODULE (48 PAIRS PER PATCH PANEL).
 - THESE CROSS CONNECTS SHALL ESTABLISH THE LINK BETWEEN THE COPPER MULTI-PAIR RISER AND ALL ANALOG CONNECTIONS.

4 VOICE/DATA SYSTEM SINGLE LINE
NO SCALE

TV DISTRIBUTION EQUIPMENT LIST

SYMBOL	DESCRIPTION	QTY	ACCEPTABLE TYPES
[DC]	DIRECTIONAL COUPLER MULTI PORT	OFFP	BLONDER TONGUE SRT SERIES
[WTP]	WALL TAP PLATE	OFFP	BLONDER TONGUE VERSATAP SERIES MODEL V-1GF-FT.W/ COVER PLATE
[RT]	RF TERMINATOR	A/R	75 OHM TERMINATOR
[C]	COAXIAL CABLE, HORIZONTAL DROP	A/R	RG-6 (SEE SPECIFICATIONS)
[TR]	COAXIAL CABLE, TRUNK	A/R	RG-11 (SEE SPECIFICATIONS)



- NOTES:**
- TERMINATE ALL UNUSED DEVICE PORTS WITH 75 OHM TERMINATING CONNECTORS.
 - ALL TV OUTLET JACKS SHALL PROVIDE AT LEAST +2dBmV OF VIDEO SIGNAL.

1 TV DISTRIBUTION SYSTEM DIAGRAM
NO SCALE

Architect / Engineer:

Stamp:

Project Name
Project Address

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

Mark	Date (u.s.v.)	Description

Project Number:

Plan Series:
DI-MOD-FS-09-15
Property Number:

Sheet Title:
TECHNOLOGY SYSTEMS DETAILS (FAMILY SERVICES MODULE)

Sheet:
TT601e