

Northpointe Medical Park
Building B, Level 2, Suite 203
TI For Sunset Counseling

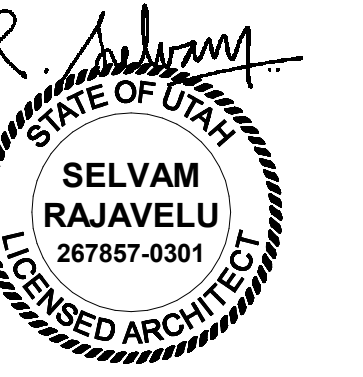
2371 North 400 East
Tooele, UT 84074

NJRA Project # 21014.00
Construction Documents February 15, 2022

Wall Details

A502B

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KEYED NOTES

1. EXPOSED CROSS GRID MEMBER @ 2'-0" O.C.
2. EXPOSED MAIN GRID MEMBER @ 4'-0" O.C.
3. HANGER WIRE 12 GA. @ 4'-0" O.C. MAX EACH WAY.
4. SEISMIC RESTRAINT. SEE DETAIL 7 / A503A
5. SLOTTED ANGLE SPACER.

NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

1 Typical Acoustical Ceiling Suspension
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. MAIN RUNNER 1 1/2" @ 4'-0" O.C.
2. FURRING CHANNEL @ 1'-4" O.C.
3. HANGER WIRE 8 GA. @ 4'-0" O.C. MAX EACH WAY
4. SEISMIC RESTRAINT. SEE DETAIL 8 / A503A

2 Typical Gypsum Bd Ceiling Suspension
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. CONCRETE OVER METAL DECK OR CONCRETE PAN & JOIST SYSTEM.
2. CONTINUOUS METAL PLATE 10 GA X 1'-4" WIDE WITH (2) 1/4" EXPANSION BOLTS.
3. LONG LEG TRACK 16 GA WITH (2) #12 S.M.S. @ 16" O.C.
4. METAL STUD 18 GA MIN. 3-5/8" @ 4'-0" O.C.
5. PL WASHER 1/8" X 3" X 3"

3 Typical Suspended Stud Attachment To Concrete Deck
SCALE: 3" = 1'-0"

KEYED NOTES

1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.
2. PROVIDE 3/4" GAP BETWEEN CEILING GRID AND ANGLE ON TWO ADJACENT SIDES OF THE ROOM. DO NOT ATTACH CEILING GRID TO WALL ANGLE.
3. ATTACH CEILING GRID TO WALL ANGLE ON TWO ADJACENT SIDES OF THE ROOM (FIXED SIDES).
4. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.
5. ACOUSTICAL CEILING TILES. SEE CEILING PLANS.
6. 7/8" SUPPORTING CLOSURE ANGLE AT CEILING PERIMETER ATTACHED TO WALL.
7. EXPOSED MAIN RUNNER SHALL BE HEAVY DUTY T-BAR GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE. THIS END OF THE GRID SHALL REST UPON AND BE FREE TO SLIDE ON THE CLOSURE ANGLE.
8. LINE OF WALL.
9. SEISMIC CLIPS. BASIS OF DESIGN ARMSTRONG BERC 2 CLIPS IN LIEU OF 2" WALL ANGLE PER ICC-ESR 1308.

NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

4 Ceiling Grid Detail
SCALE: 3" = 1'-0"

KEYED NOTES

1. LINE OF STRUCTURE ABOVE.
2. LINE OF WALL.
3. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 16" O.C.) SUSPENDED FROM STRUCTURE ABOVE (OR WALL WHERE OCCURS). CROSS BRACE FRAMING AS REQUIRED FOR STRUCTURAL RIGIDITY.
4. ATTACH 5/8" THICK, TYPE 'X', GYPSUM BOARD TO METAL STUD FRAMING.

5 Ceiling Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. METAL STUD FRAMING 3 5/8" X 18 GA STUDS, SUSPENDED FROM STRUCTURE ABOVE @ 16" O.C. SEE DETAIL 3 / A503A
2. METAL STUD 3-5/8" X 18 GA LATERAL (45 DEGREE) BRACING AT 4'-0" O.C. CONNECT TO STRUCTURE ABOVE.
3. SHEET METAL SCREWS (4) #10.
4. ACOUSTICAL CEILING PANEL. SEE REFLECTED CEILING PLANS.
5. PERIMETER ANGLE MOLDING. SEE DETAIL 4 / A503A
6. GYPSUM BOARD 5/8" TYPE 'X', TYP.
7. HANGER WIRES 12 GA, TYP.

6 Gypsum Board Header
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. RIGID HORIZONTAL RESTRAINT FROM CEILING GRID TO STRUCTURE ABOVE.
2. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.

NOTE:
A. CEILING GRIDS IN ROOMS OR AREAS GREATER THAN 1,000 SQ. FT. SHALL HAVE A RIGID HORIZONTAL RESTRAINT FROM CEILING TO STRUCTURE ABOVE AT EVERY 144 SQ. FT.
B. ALL SPLAYED WIRES SHALL BE AT 45 DEGREE ANGLES, 12 GAUGE AND GALVANIZED.
C. WHEN CEILING AREA EXCEEDS 2,500 SQ. FT. PROVIDE SEISMIC SEPARATION JOINT APPROVED BY CEILING GRID MANUFACTURER AND ARCHITECT.

NOTE: EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

7 Ceiling Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. SHEET METAL #12 SCREWS
2. METAL CLIP 12 GA MIN X 3/4" W.
3. MACHINE BOLT 1/2" DIA. MIN.
4. ANGLE STRUT OR CHANNEL
5. METAL CLIP 1" W X 2" X 12 GA. MIN.
6. DIAGONAL HANGER WIRES 12 GA MIN. - 4 SIDES.
7. FURRING CHANNEL, 7/8" THICK, @ 1'-4" O.C. MAXIMUM.
8. METAL RUNNER CHANNELS, 1 1/2" THICK, AT 48" O.C.
9. GYPSUM BOARD 5/8" THICK ATTACHED TO METAL FURRING CHANNEL.

8 Gypsum Board Ceiling Seismic Restraint Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. GYPSUM BOARD, 5/8" THICK (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD FRAMING.
2. LINE OF WALL.
3. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN FOR CEILING TYPE.
4. METAL STUD FRAMING 3 5/8" THICK, 20 GAUGE STUDS, SUSPENDED FROM STRUCTURE ABOVE. STUDS SHALL BE AT 16" O.C.
5. LINE OF STRUCTURE ABOVE.

9 Gypsum Board Soffit
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. EXPANSION SLEEVE 4"x1 1/4", BASIS OF DESIGN: ARMSTRONG E54, COLOR: WHITE.
2. MAIN BEAM, BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16" XL EXPOSED TEE SYSTEM.
3. SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJMR-4"x1".
4. SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJCS-5"x1 1/2".
5. CROSS TEES, BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16" XL EXPOSED TEE SYSTEM.

10 Seismic Separation Joint Clip Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. STEEL BEAM AS OCCURS.
2. STEEL JOIST AS OCCURS.
3. MECHANICAL DUCTS. SEE MECHANICAL DRAWINGS
4. LINE OF WALL.
5. UNISTRUT F1000, 4" LONG SUSPENDED FROM STRUCTURE ABOVE
6. THREADED ROD, 5/8" THICK. PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
7. UNISTRUT, F1000, CROSS BRACE TO STRUCTURE. PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
8. UNISTRUT, F1001 @ 2'-0" O.C. SUSPENDED FROM STRUCTURE ABOVE.
9. LIGHT FIXTURE SUSPENDED FROM UNISTRUT ONLY. DO NOT HANG FIXTURES FROM DUCTS.
10. CEILING SEE ROOF FOR HEIGHT. SUSPEND CEILING GRID FROM UNISTRUT ONLY. CONTRACTOR SHALL NOT SUSPEND LIGHTS, GRIDS, ETC. FROM DUCTS.

NOTE:
CONTRACTOR SHALL PROVIDE UNISTRUTS AS INDICATED IN THIS DETAIL WHEREVER DUCT INTERFERES WITH CEILING SUSPENSION SYSTEM.

11 Suspended Ceiling Trapeze Detail
SCALE: 1/2" = 1'-0"

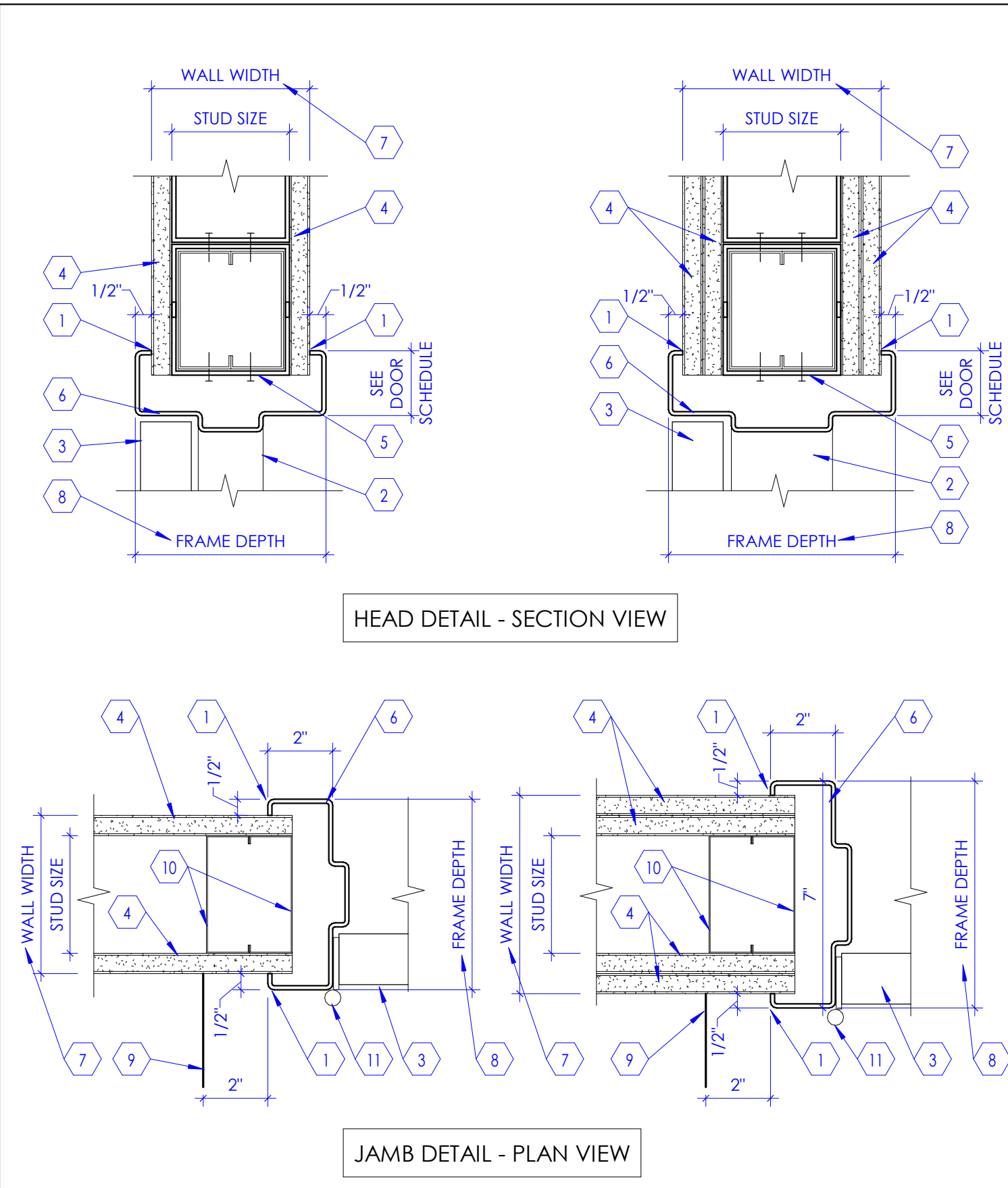
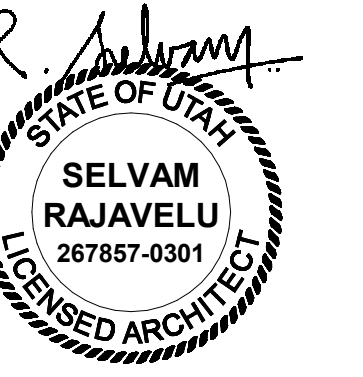
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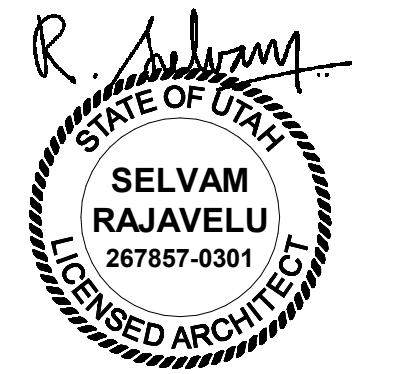
Ceiling Details

A503A



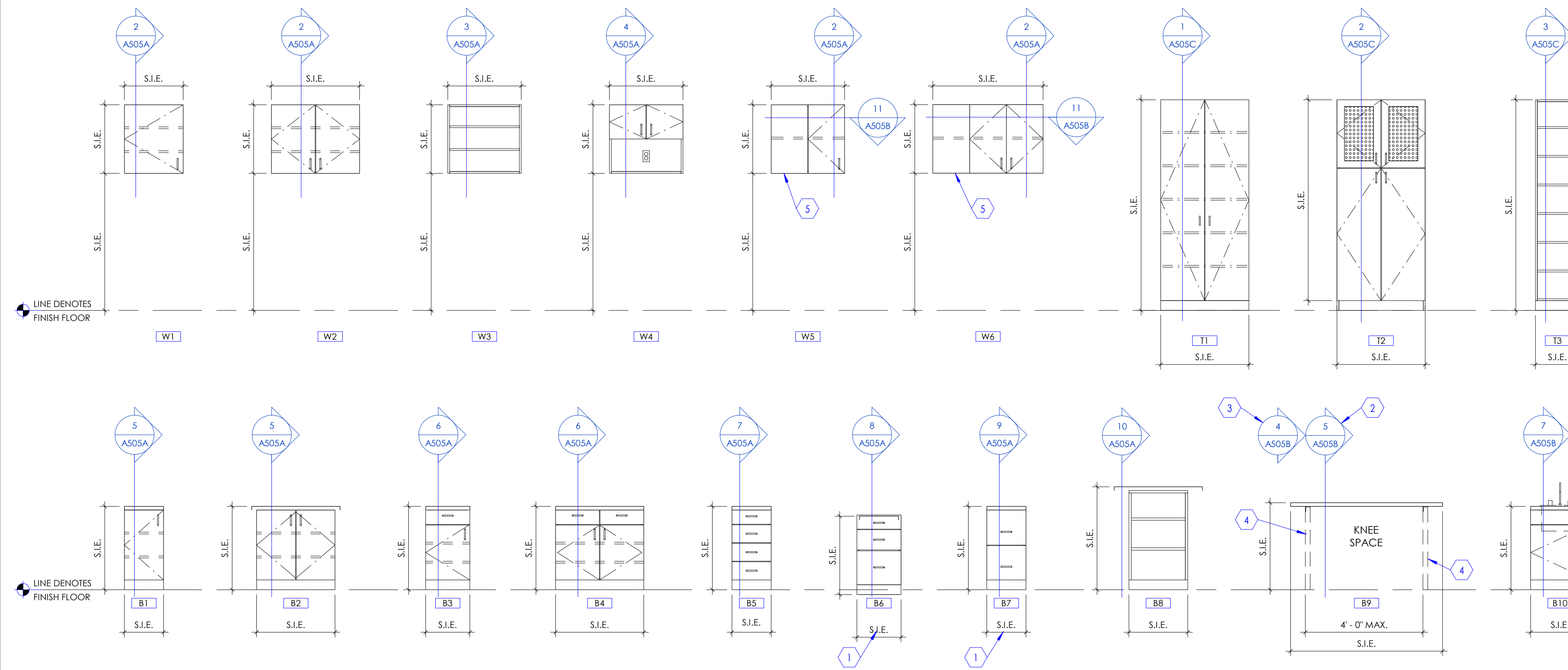
- KEYED NOTES**
1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME.
 2. DOOR FRAME SEEN BEYOND.
 3. DOOR, SEE DOOR SCHEDULE FOR DOOR TYPE.
 4. GYPSUM BOARD, 5/8" THICK, TYPE 'X', ATTACH TO METAL STUD FRAMING. SEE WALL TYPES.
 5. STEEL RUNNER (18 GAUGE) FASTENED WITH SCREWS TO STUD STUDS AT EACH END. SEE DETAIL 4 / A502A.
 6. HOLLOW METAL DOOR FRAME, FRAME THICKNESS VARIES WITH WALL THICKNESS. SEE FLOOR PLAN AND WALL SECTIONS, PAINT FRAME.
 7. SEE WALL TYPES FOR WALL WIDTH AND STUD SIZE.
 8. FRAME DEPTH SHALL BE WALL WIDTH PLUS 1".
 9. LINE OF WALL, AS OCCURS.
 10. PROVIDE DOUBLE METAL STUDS AT FRAME JAMBS, WALL ENDS, ETC. PROVIDE STEEL STRAPS (6" HIGH 16 GAUGE STRAPS AT 2'-0" O.C.) SEE DETAIL 7 / A502A.
 11. DOOR HINGE AS OCCURS. SEE DOOR AND HARDWARE SCHEDULE. SEE FLOOR PLAN FOR DOOR SWING.

1 Door Frame in Stud Wall
SCALE: 3" = 1'-0"



KEYED NOTES

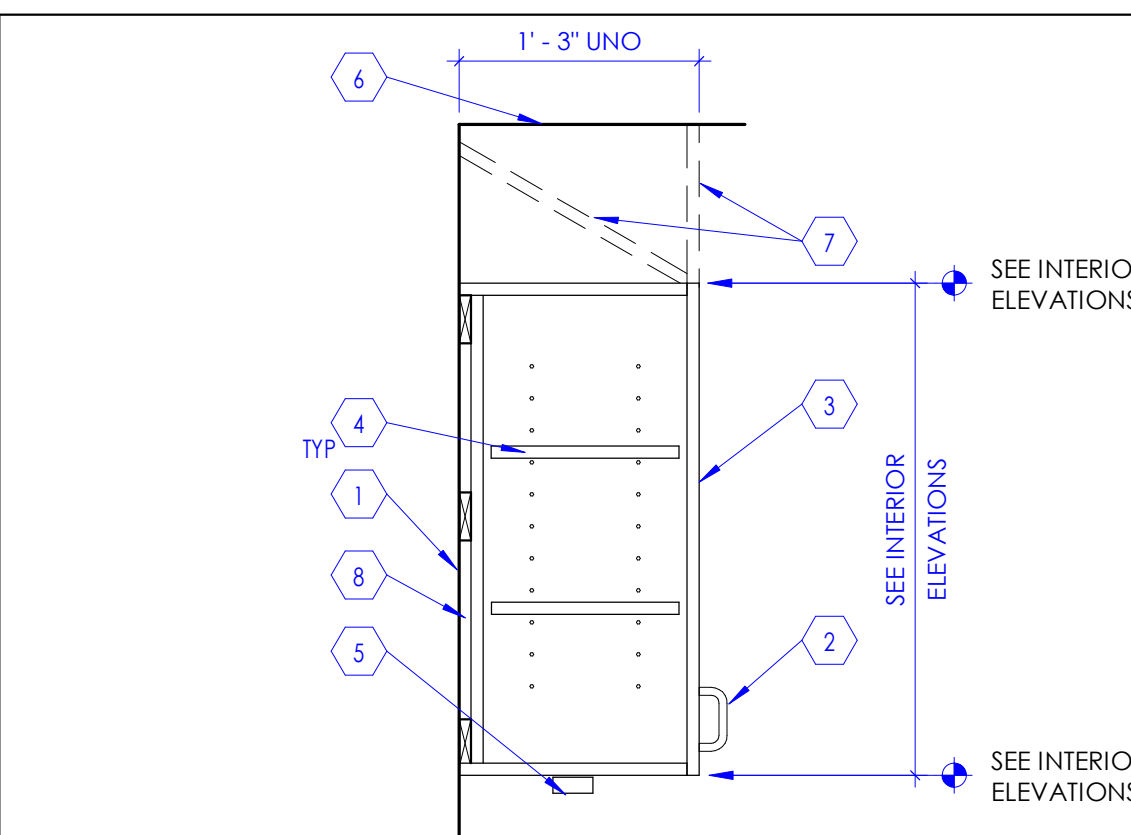
- FILE DRAWER, MINIMUM WIDTH SHALL BE 1'-4" TO HANG FOLDERS (FOR 8-1/2" x 11" SIZE PAPER).
- DETAIL FOR STEEL SUPPORTS FOR COUNTERTOP AT STUD WALLS.
- DETAIL FOR STEEL SUPPORTS FOR COUNTERTOP AT MASONRY AND CONCRETE WALLS.
- STEEL SUPPORT FOR COUNTERTOP. SEE RELEVANT DETAIL FOR STUD WALL, CMU, AND CONCRETE WALL. SUPPORT IS NOT REQUIRED IF THERE IS AN ADJACENT BASE CABINET.
- FILLER PANEL FOR EXTENDED WALL CABINET, TYPICALLY LOCATED AT ROOM CORNER.
- SINK. SEE ARCHITECTURAL AND PLUMBING DRAWINGS FOR SINK TYPE.
- PROVIDE END PANEL MATCHING THE FRONT SKIRT PANEL. IF THERE IS AN ADJACENT BASE CABINET, END PANEL IS NOT REQUIRED.



1 Cabinet Legend

Note: See Interior Elevations (S.I.E.) for occurrence of cabinet types used in this project. Some cabinet type shown above may not be used in this project.

SCALE: 3/8" = 1'-0"

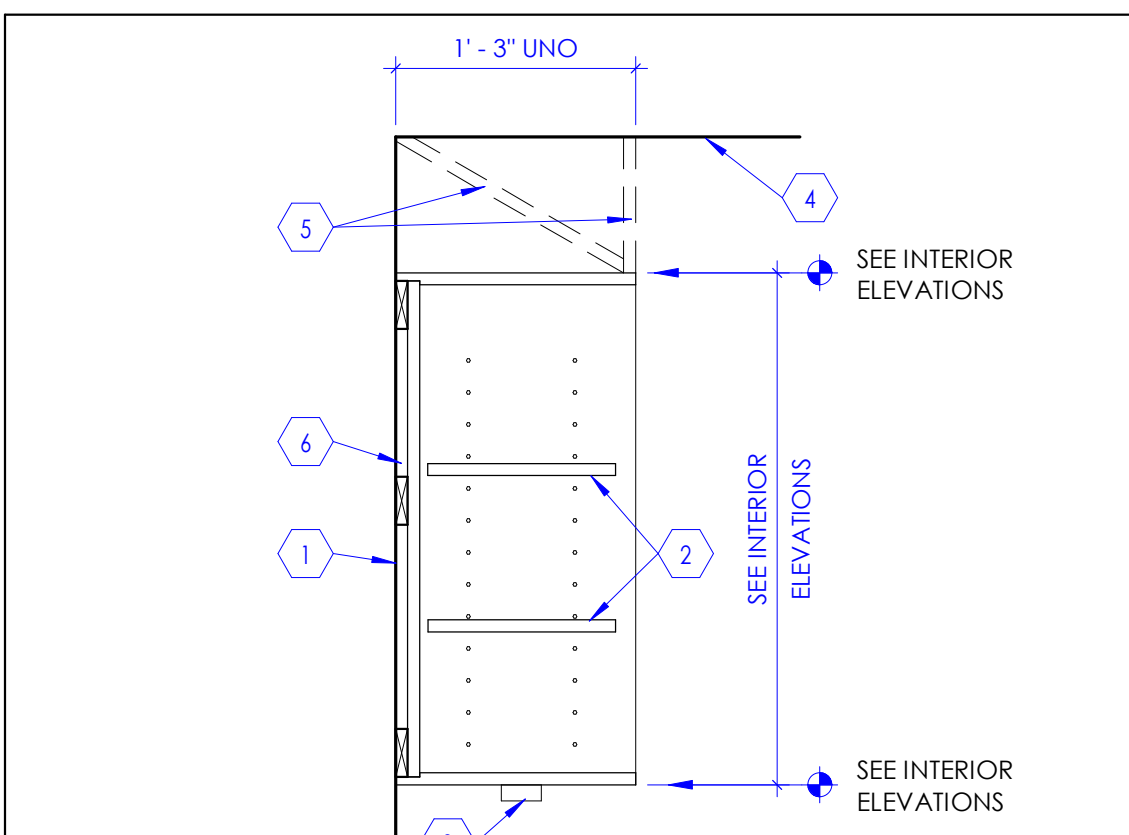


KEYED NOTES

- LINE OF WALL.
- DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
- LINE OF CEILING. SEE REFLECTED CEILING PLAN.
- FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2/A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

2 Wall Cabinet with Door

SCALE: 1" = 1'-0"

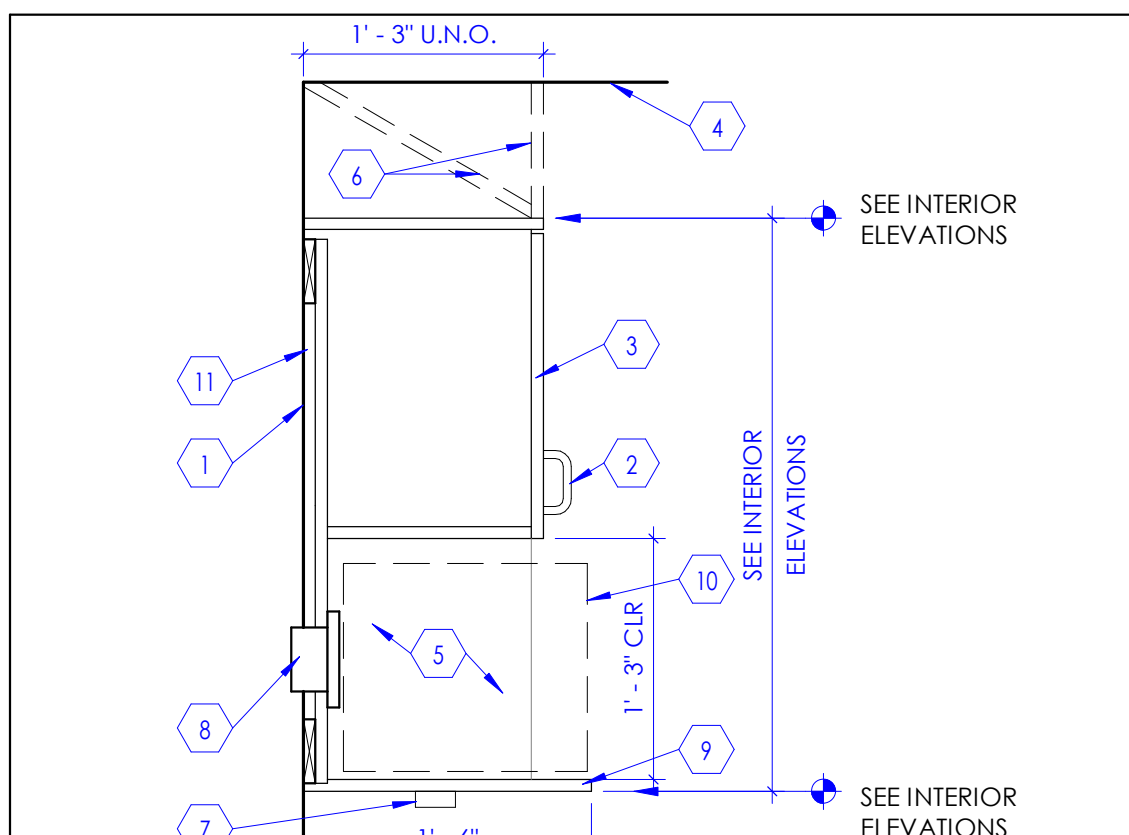


KEYED NOTES

- LINE OF WALL.
- ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES.
- NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
- LINE OF CEILING. SEE REFLECTED CEILING PLAN.
- FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2/A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

3 Wall Cabinet without Door

SCALE: 1" = 1'-0"

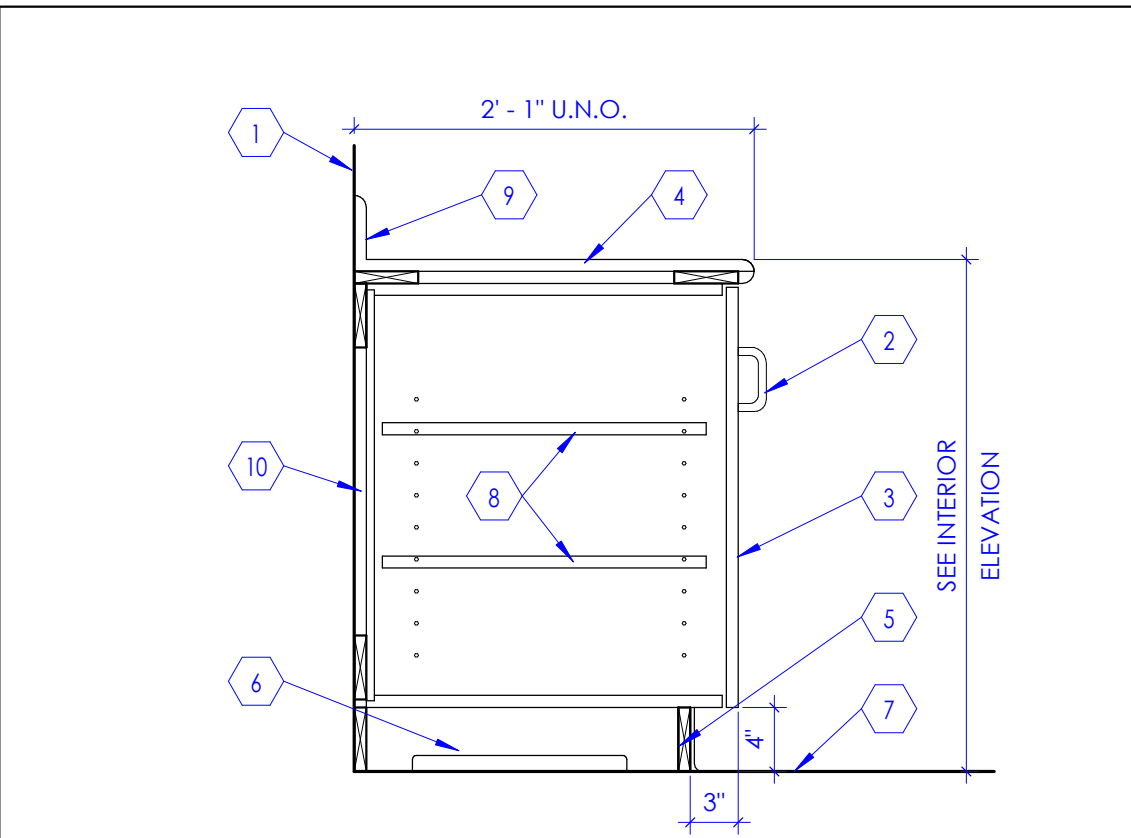


KEYED NOTES

- LINE OF WALL.
- DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- PROVIDE PLASTIC LAMINATE FINISH ON ALL EXPOSED CABINET INTERIORS.
- FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2/A505B
- SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
- CUT BACK PANEL OF UPPER CABINET AS REQUIRED FOR POWER OUTLET FOR MICROWAVE. COORDINATE WITH ELECTRICAL CONTRACTOR.
- PLASTIC LAMINATE BOTTOM PANEL, 1" THICK. EXTEND BOTTOM PANEL EXPOSED CORNERS OF EXTENDED PANEL TO BE ROUNDED OFF TO A 1" RADIUS.
- MICROWAVE, AS OCCURS.
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

4 Wall Cabinet Door & Shelf

SCALE: 1" = 1'-0"

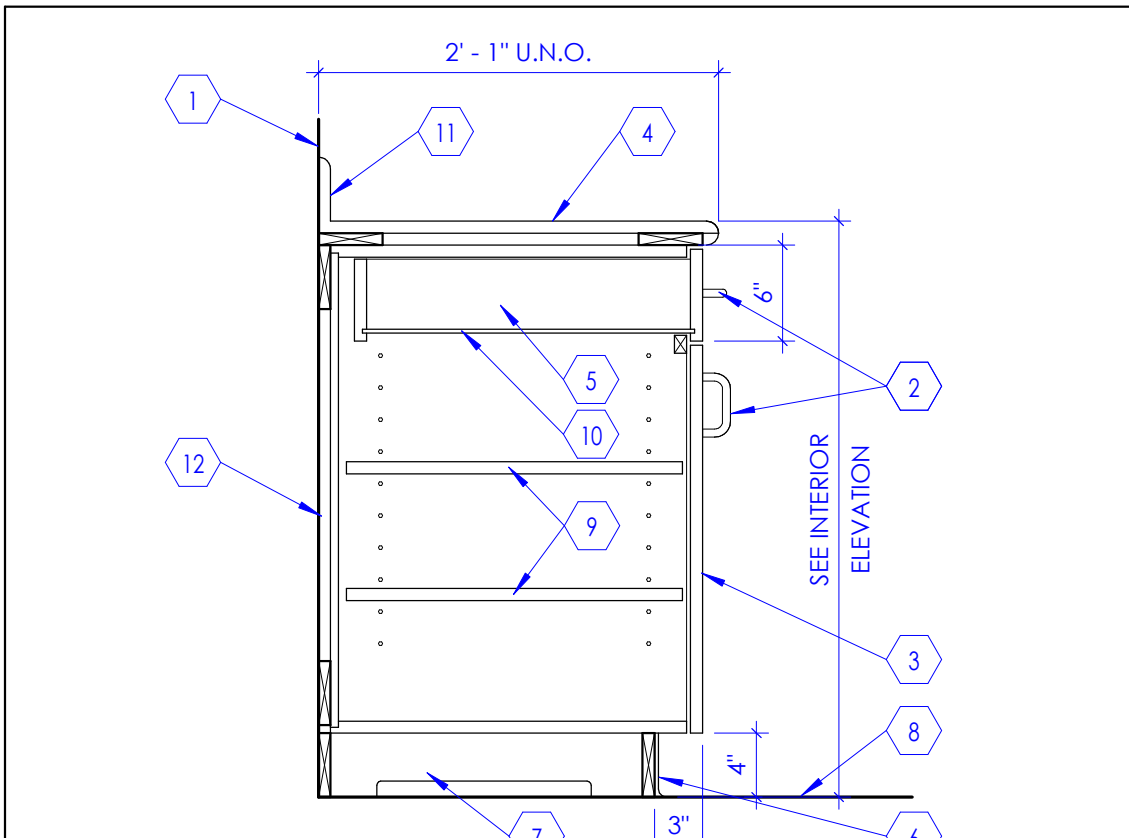


KEYED NOTES

- LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED, NO BACKSPLASH IS NECESSARY.
- DOOR OR DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

5 Base Cabinet with Door

SCALE: 1" = 1'-0"

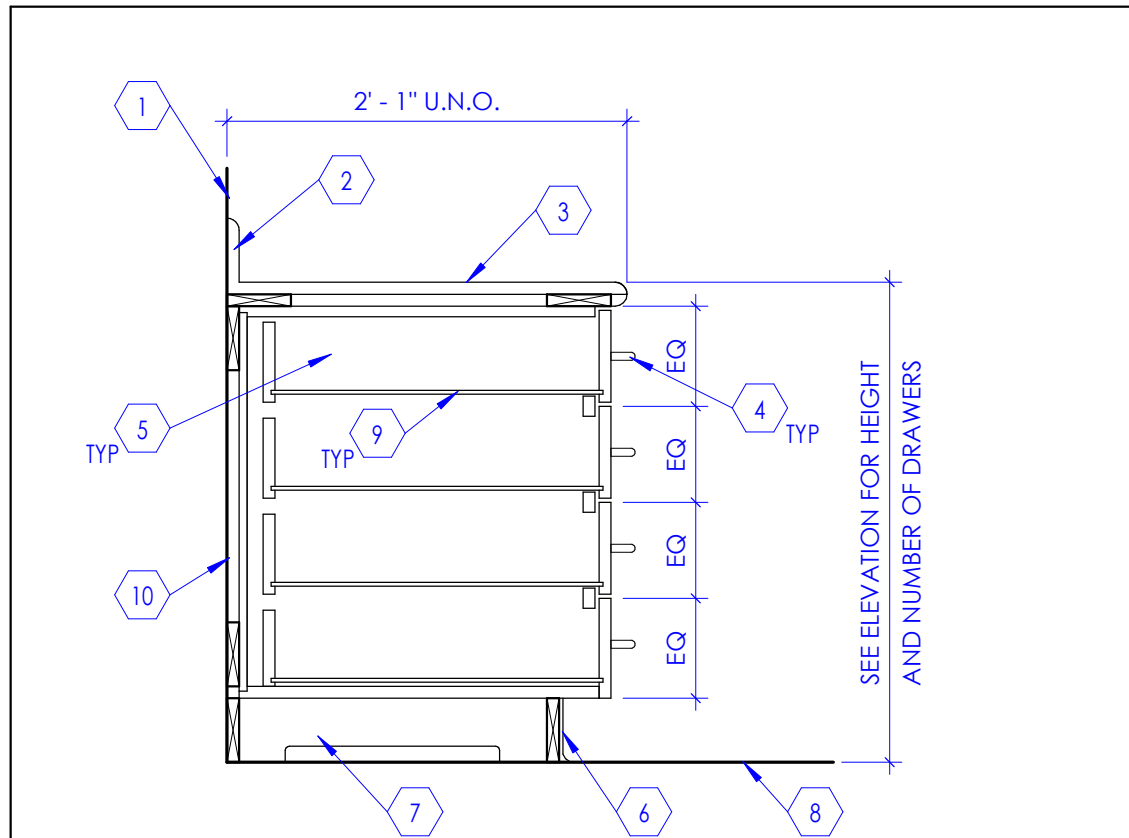


KEYED NOTES

- LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED, NO BACKSPLASH IS NECESSARY.
- DOOR OR DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

6 Base Cabinet with Drawer and Door

SCALE: 1" = 1'-0"

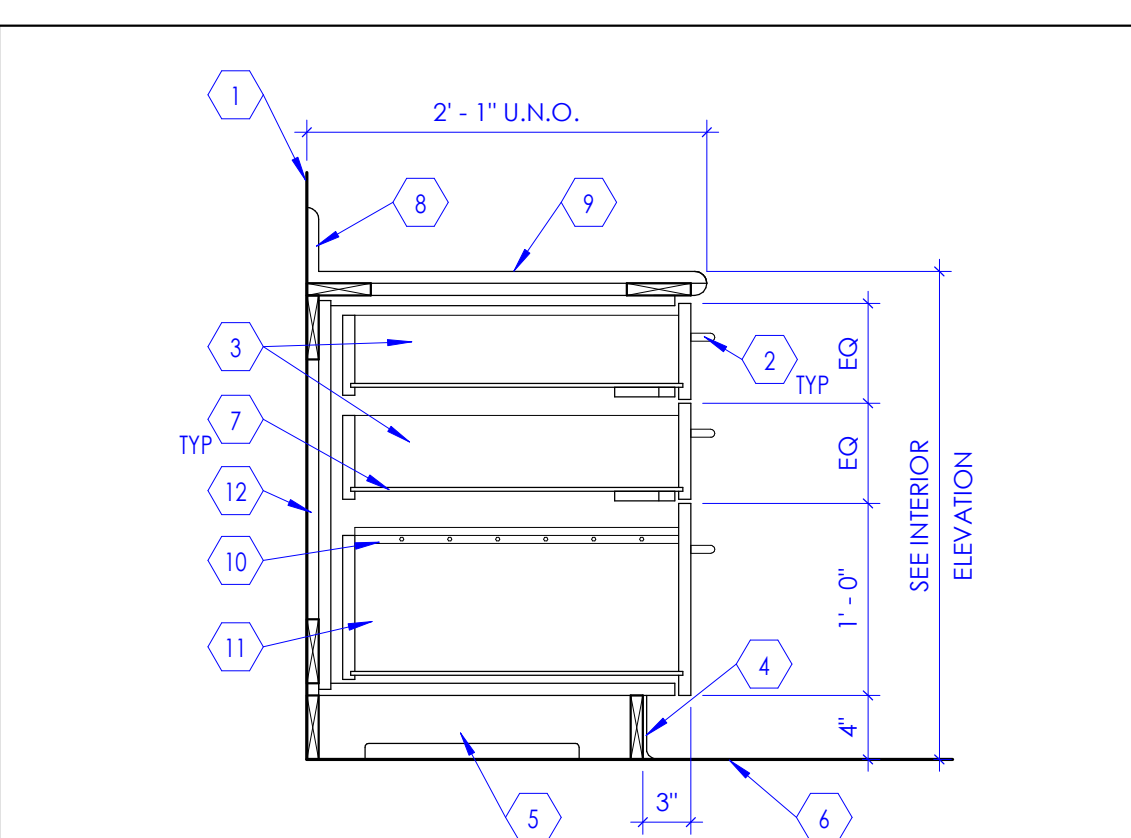


KEYED NOTES

- LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED, NO BACKSPLASH IS NECESSARY.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

7 Base Cabinet with Drawers

SCALE: 1" = 1'-0"

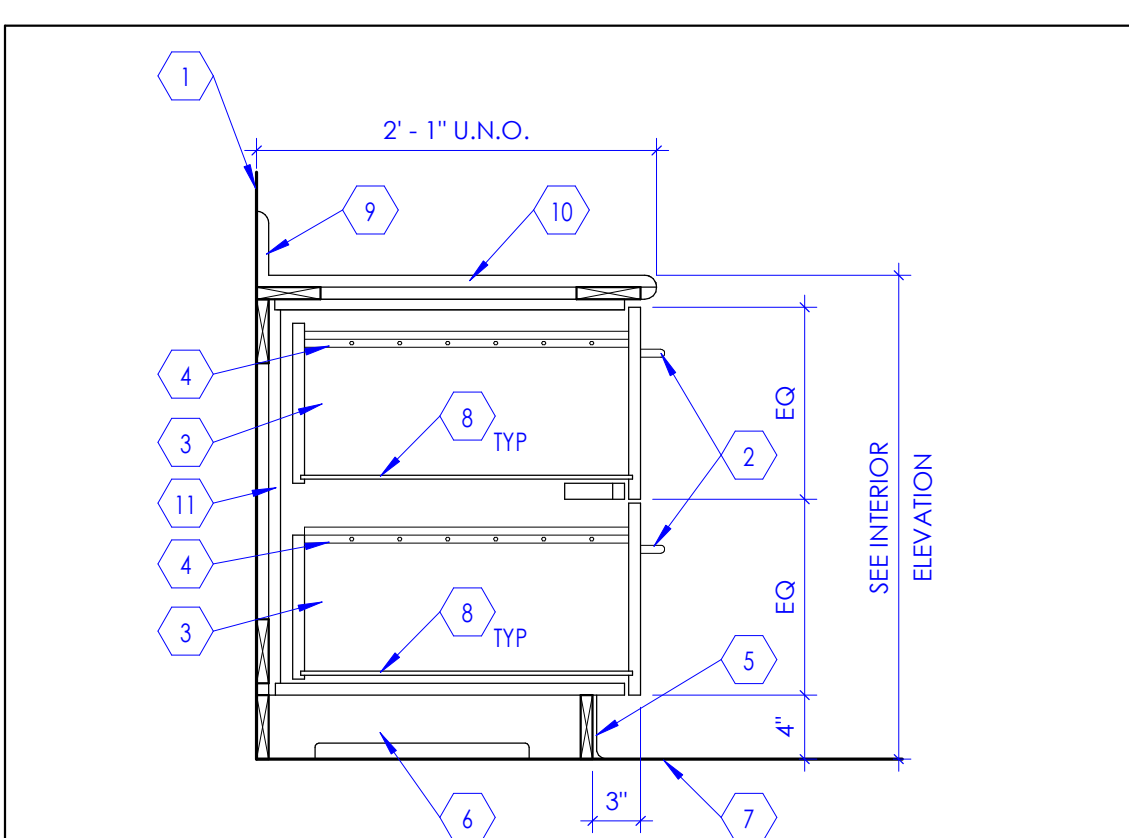


KEYED NOTES

- LINE OF WALL.
- DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- METAL EDGE FOR HANGING FILE FOLDERS. SEE DETAIL 10/A505B
- FILE DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. SEE DETAIL 10/A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

8 Base Cabinet with Drawers

SCALE: 1" = 1'-0"

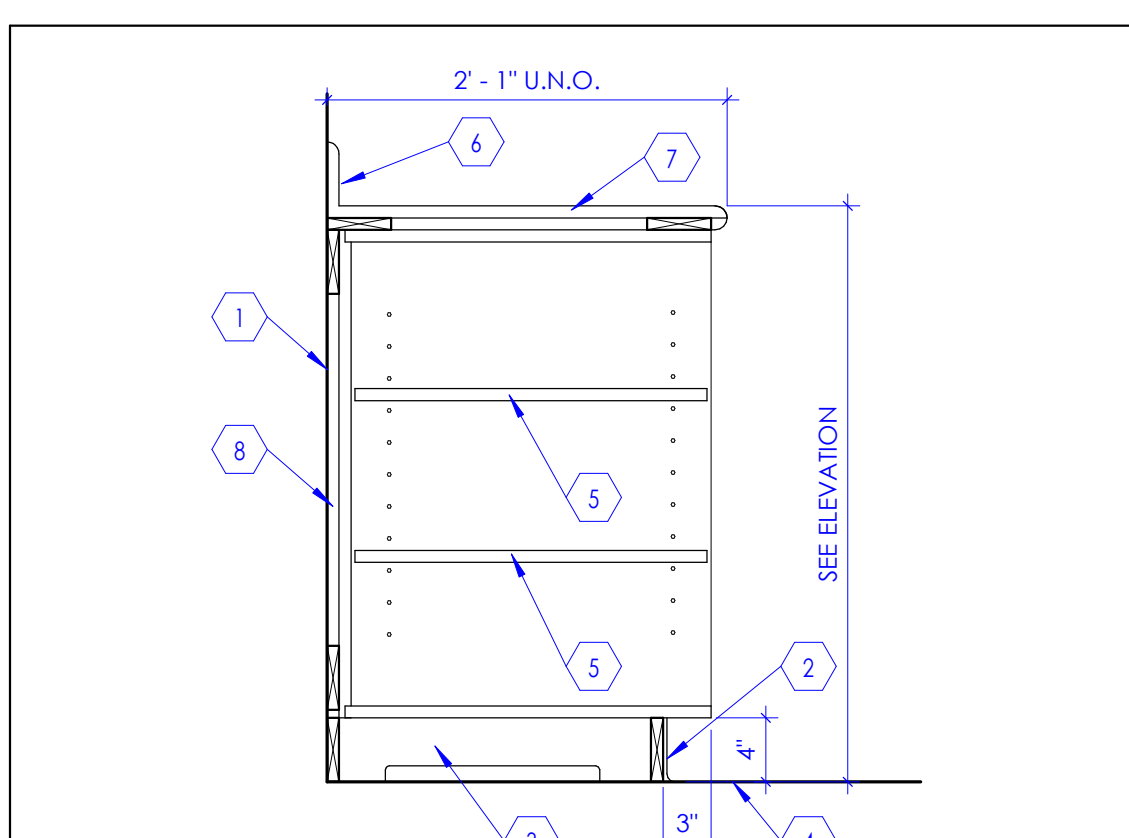


KEYED NOTES

- LINE OF WALL.
- DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- FILE DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. SEE DETAIL 10/A505B
- METAL EDGE FOR HANGING FILE FOLDERS. SEE DETAIL 10/A505B
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

9 Base Cabinet with Two File Drawers

SCALE: 1" = 1'-0"



KEYED NOTES

- LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED, NO BACKSPLASH IS NECESSARY.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- ADJUSTABLE SHELF, UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

10 Base Cabinet without Door

SCALE: 1" = 1'-0"

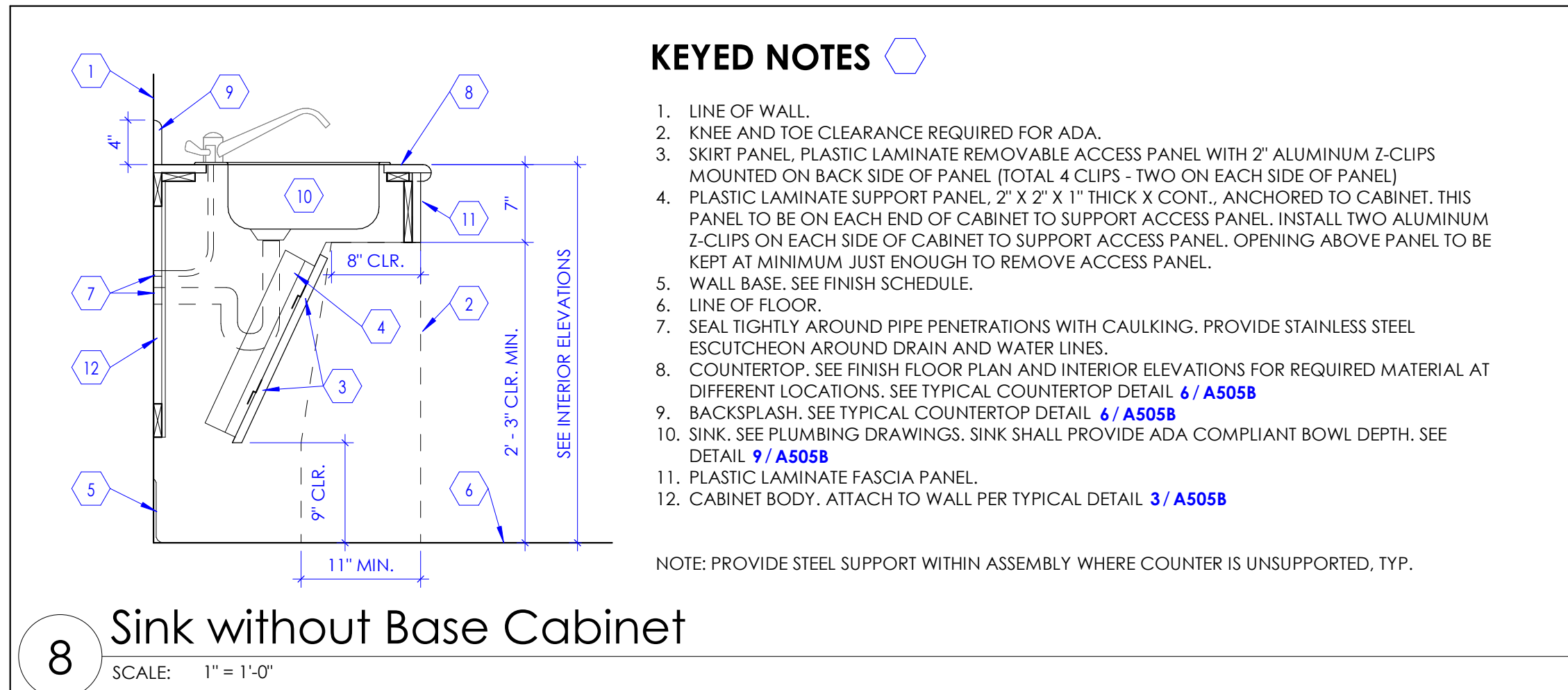
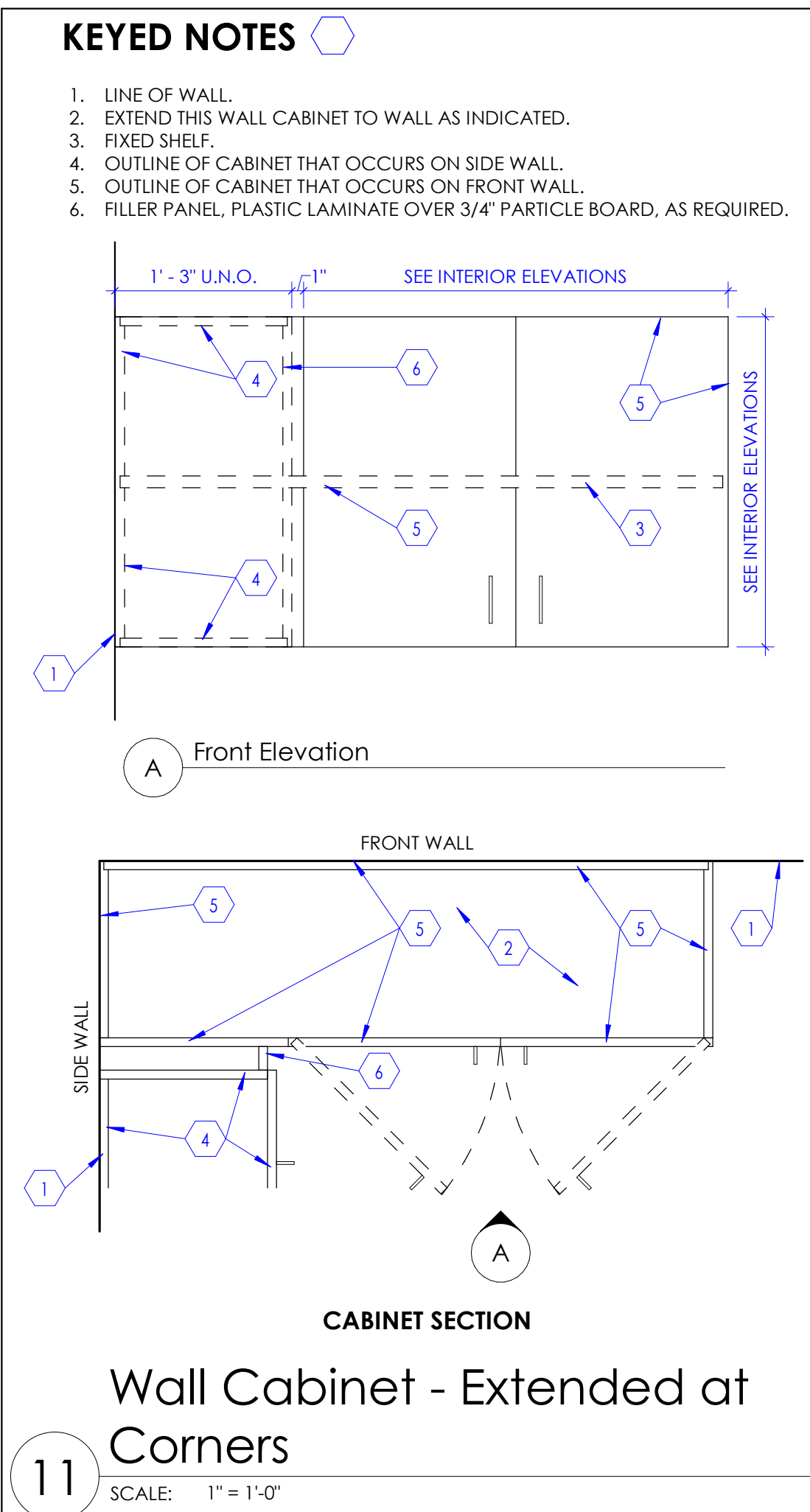
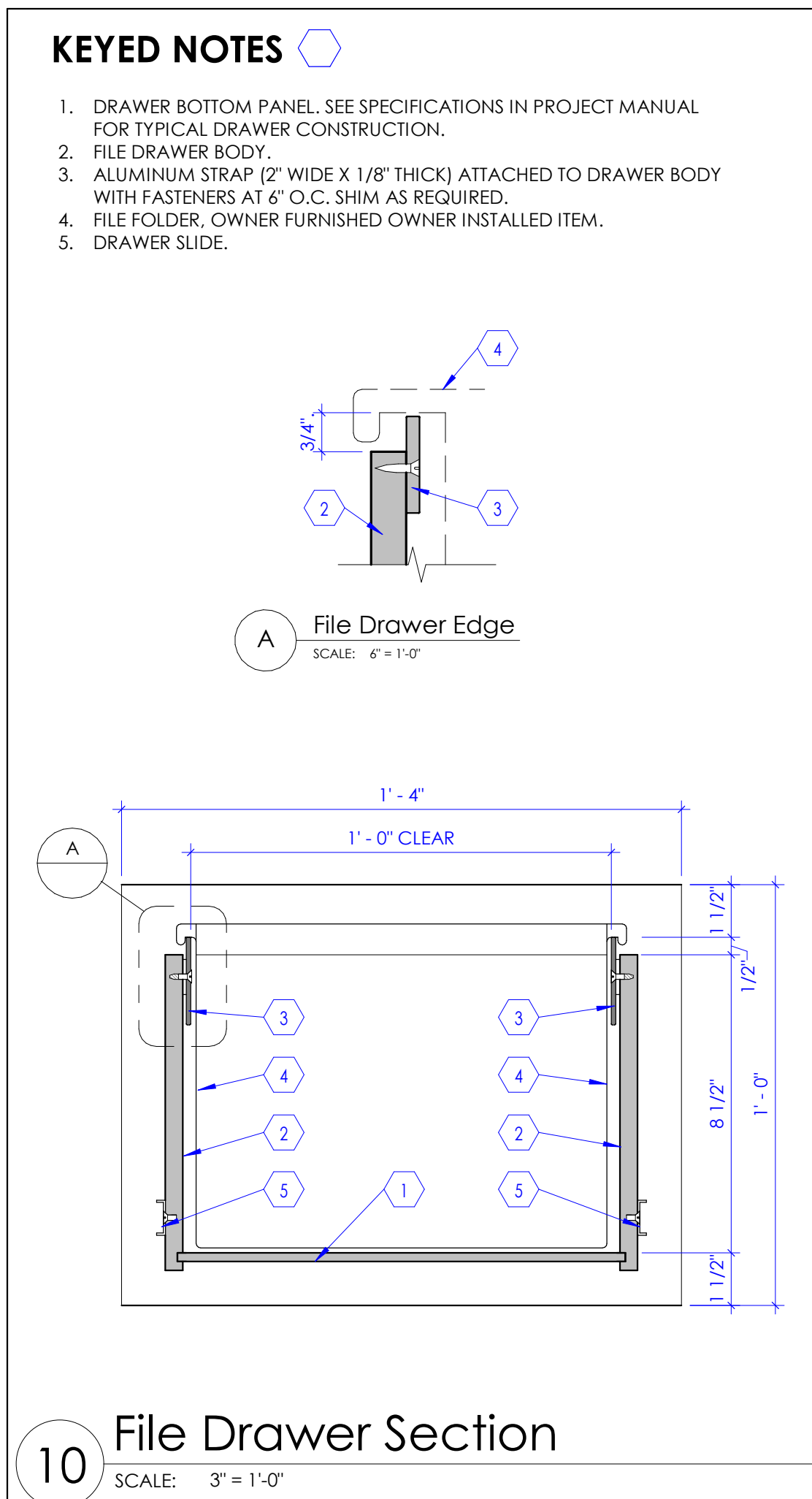
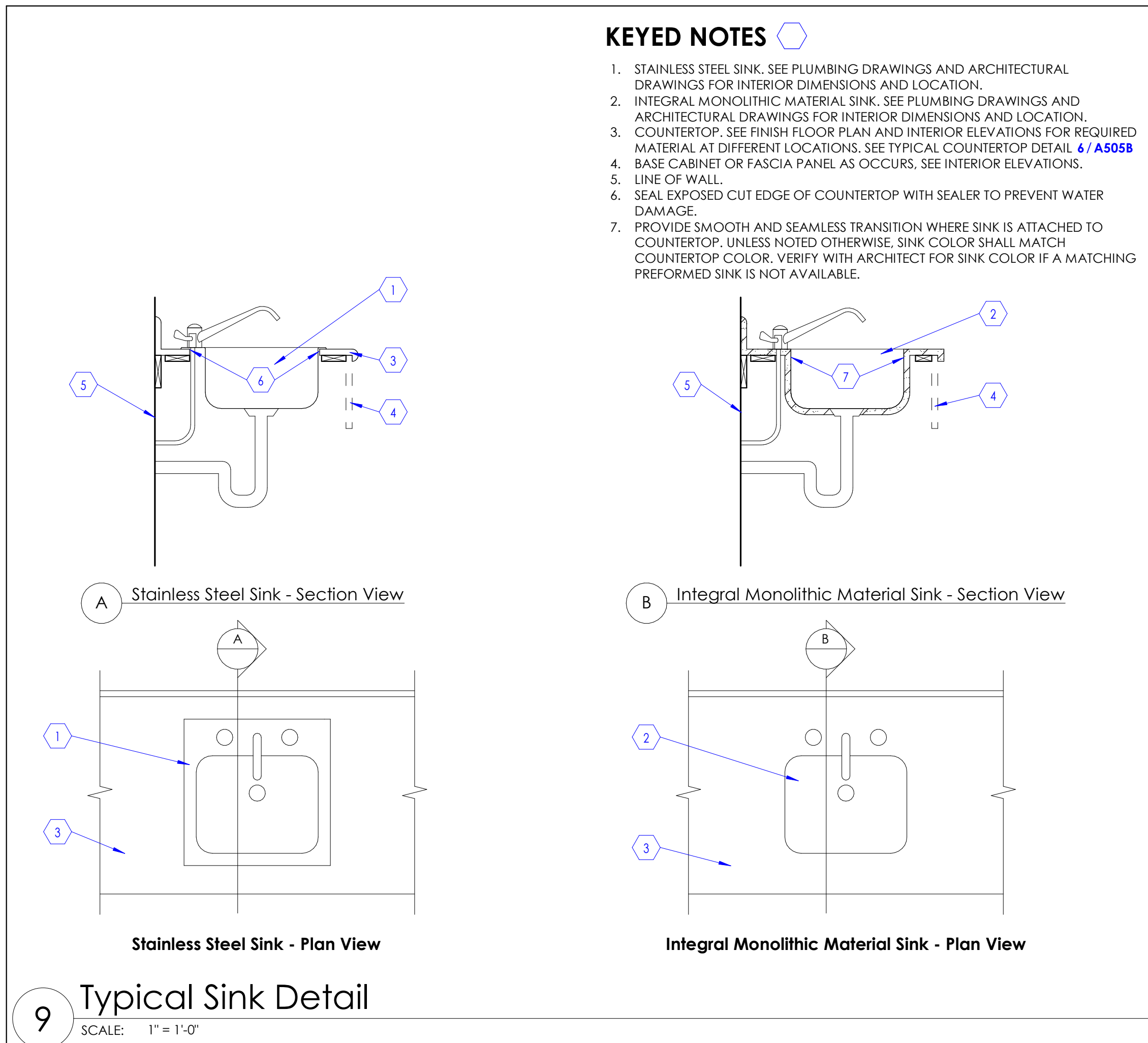
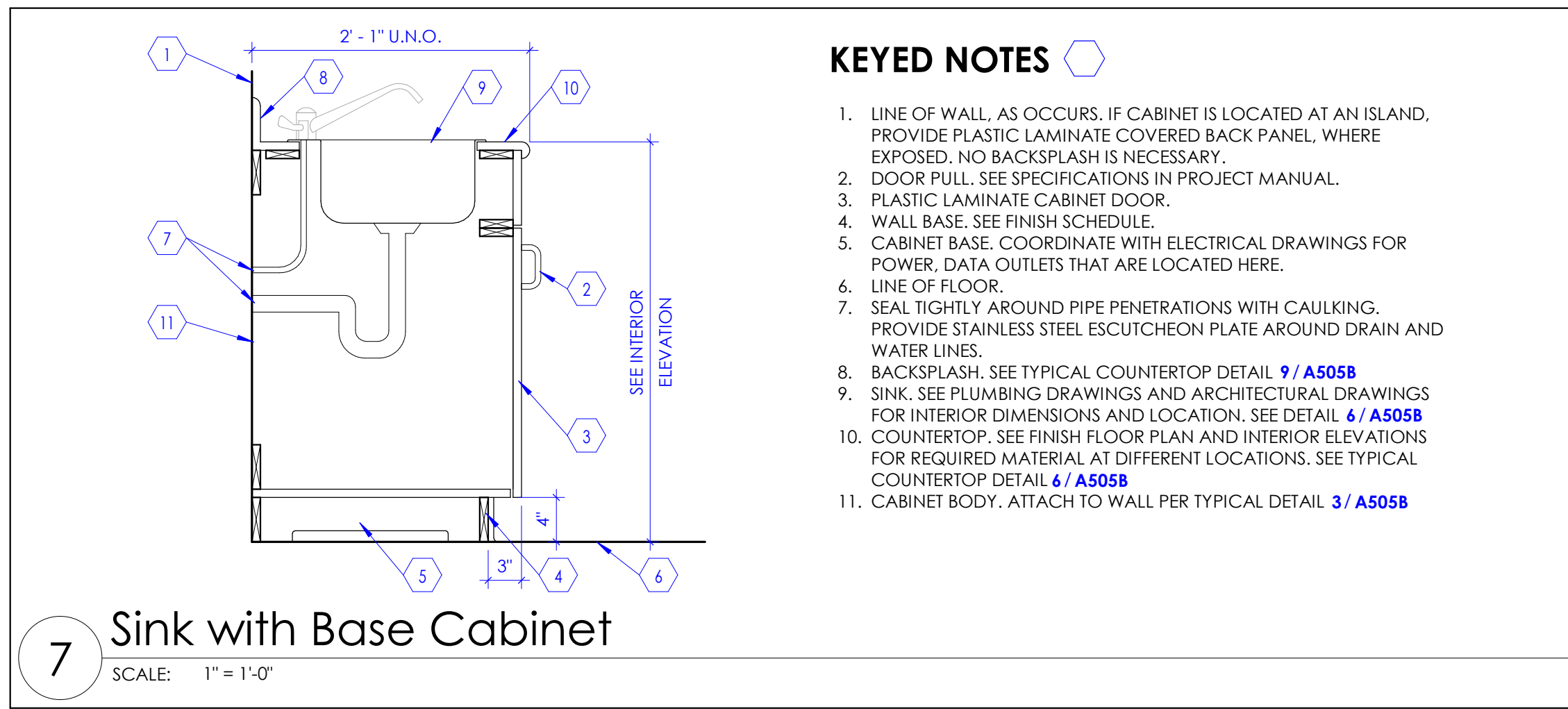
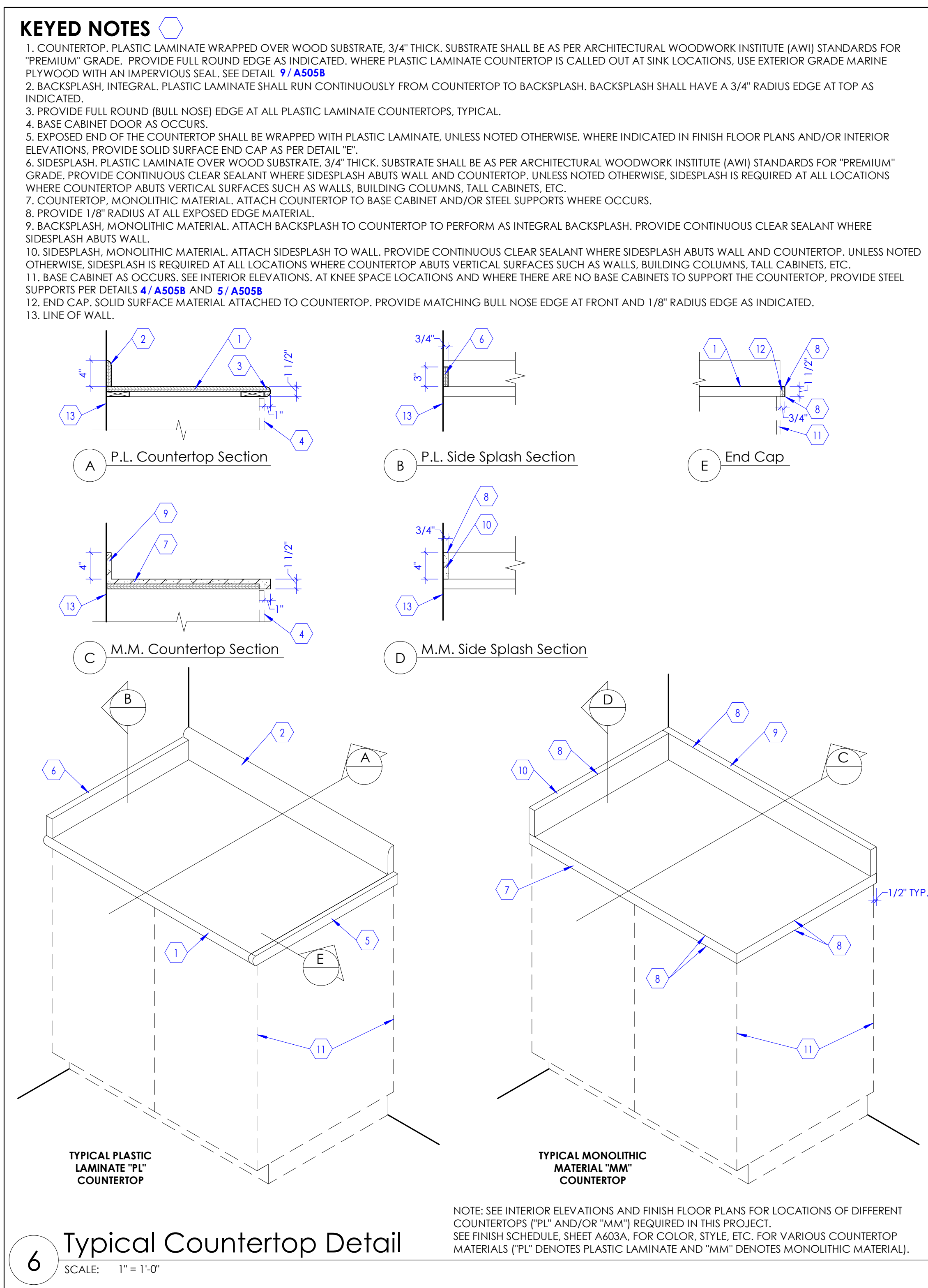
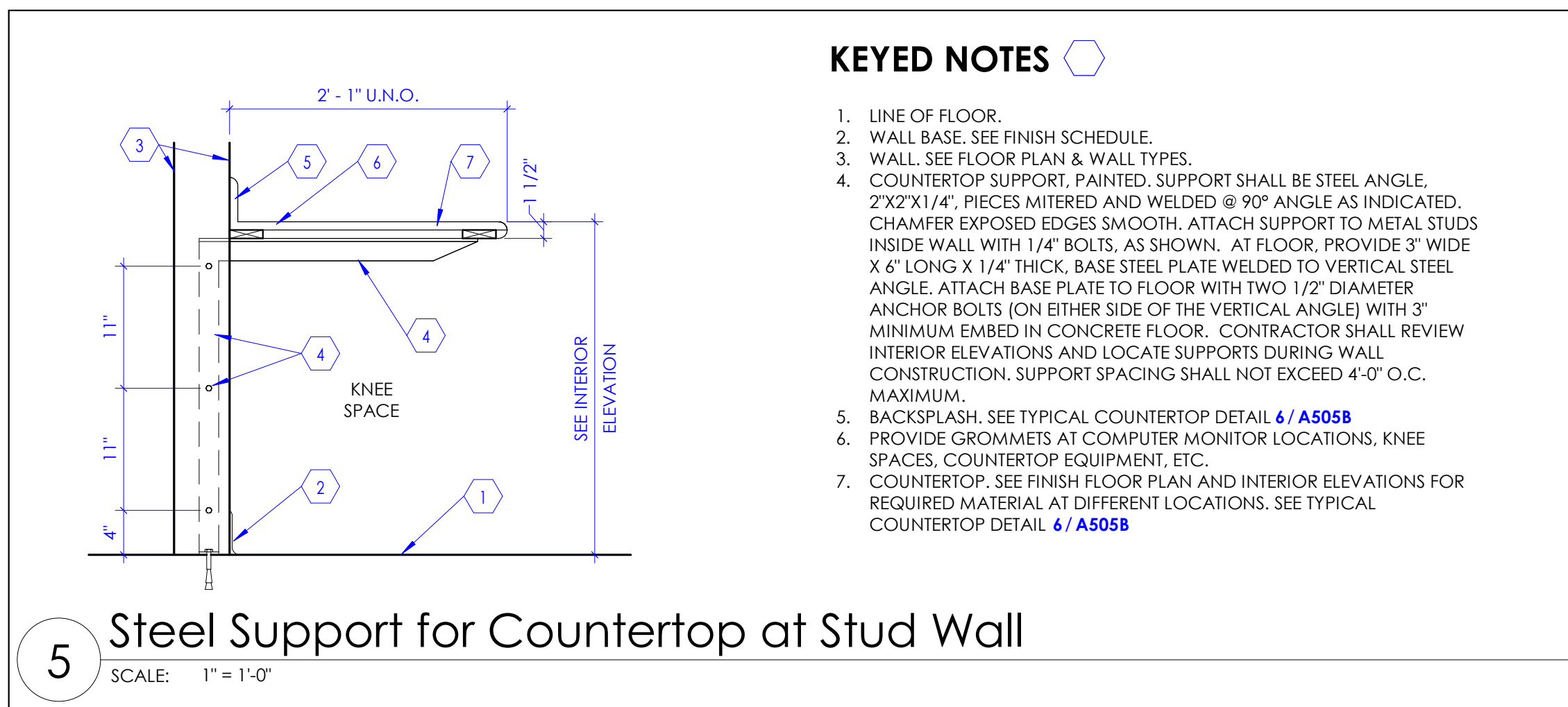
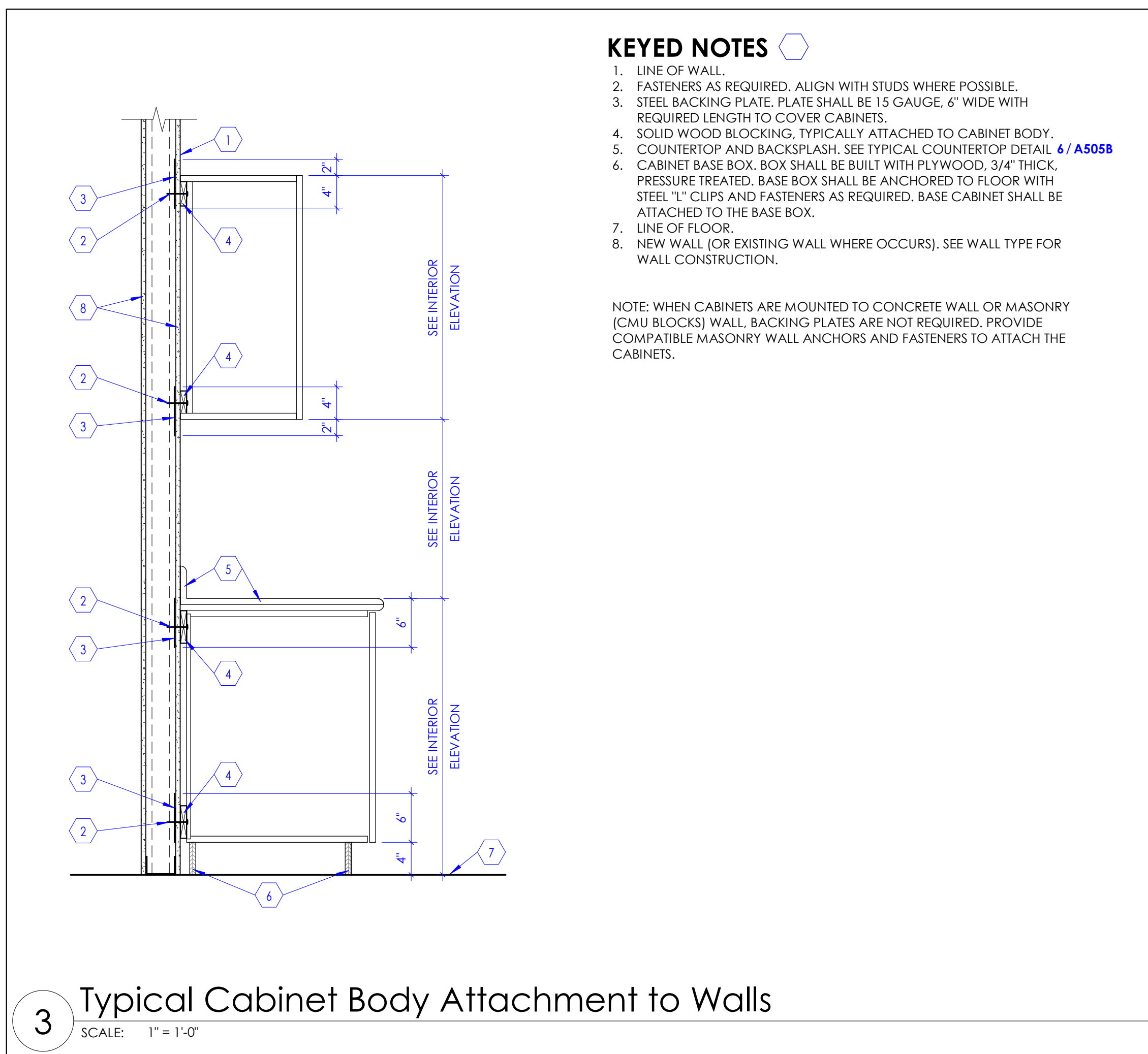
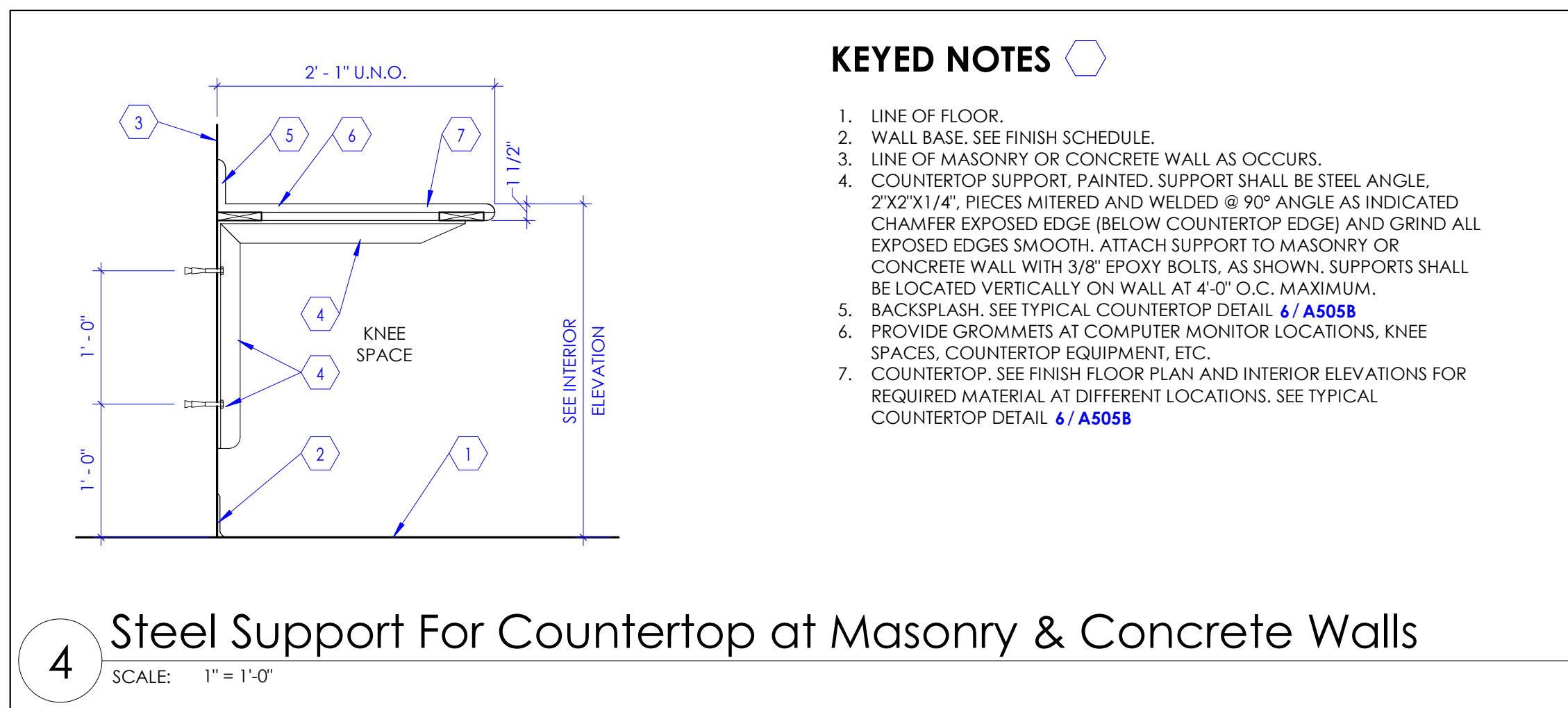
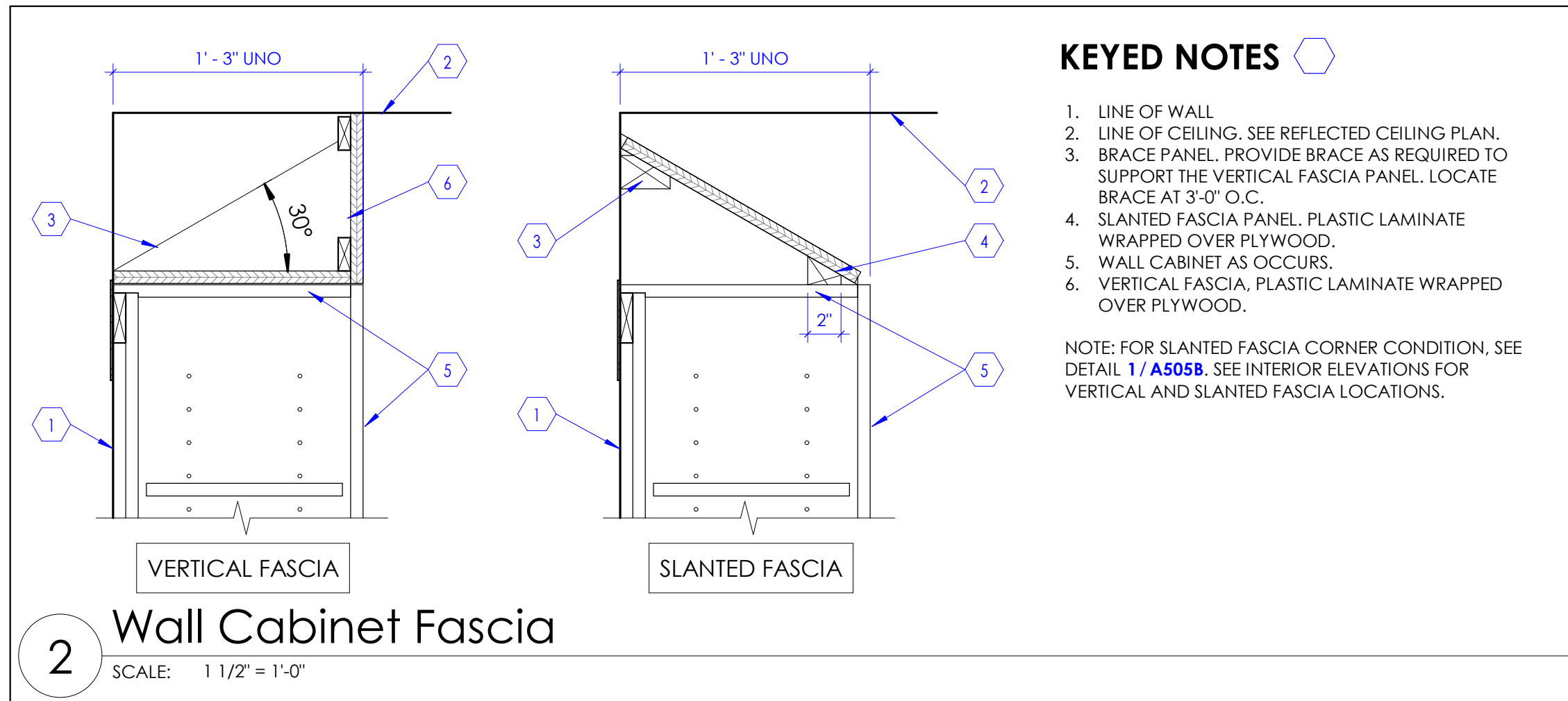
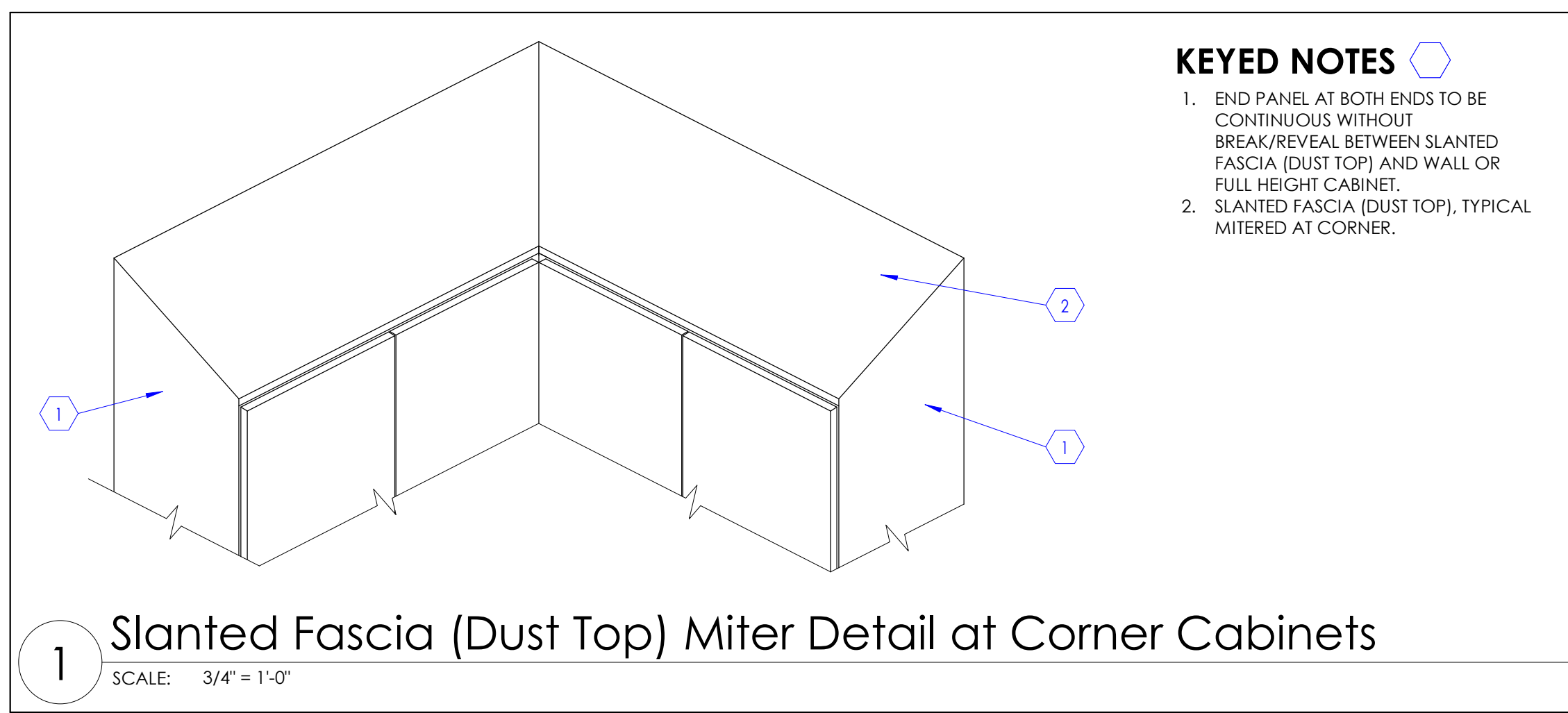
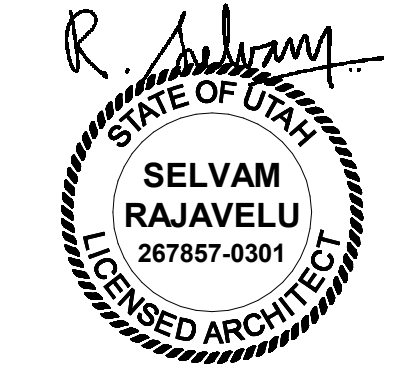
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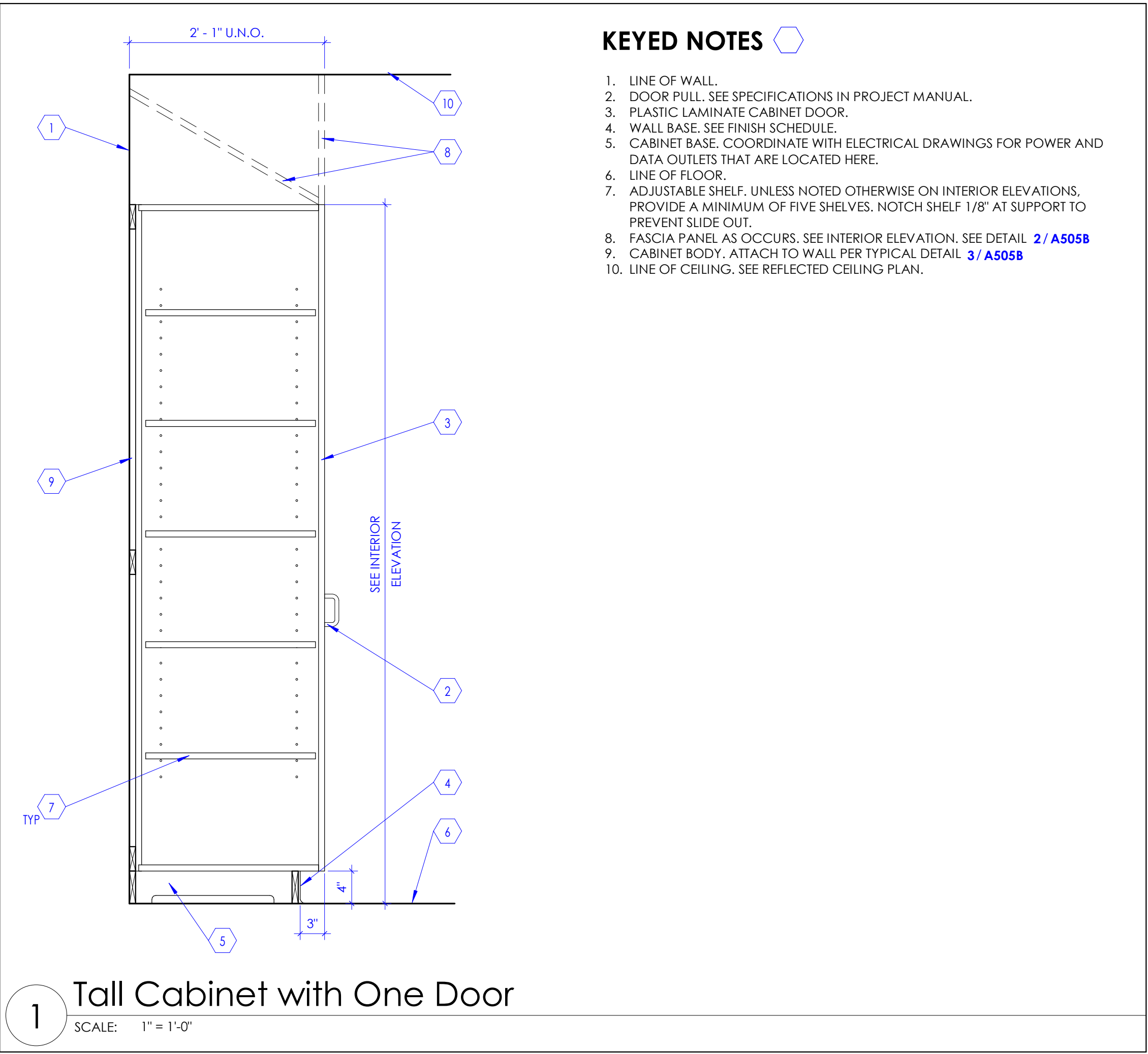
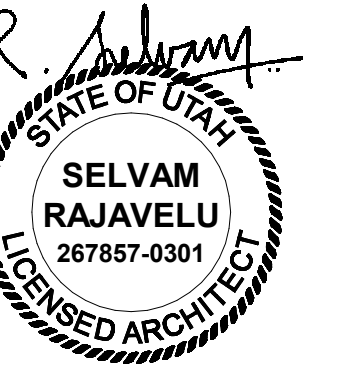
2371 North 400 East
Tooele, UT 84074

NJRA Project # 21014.00
Construction Documents February 15, 2022

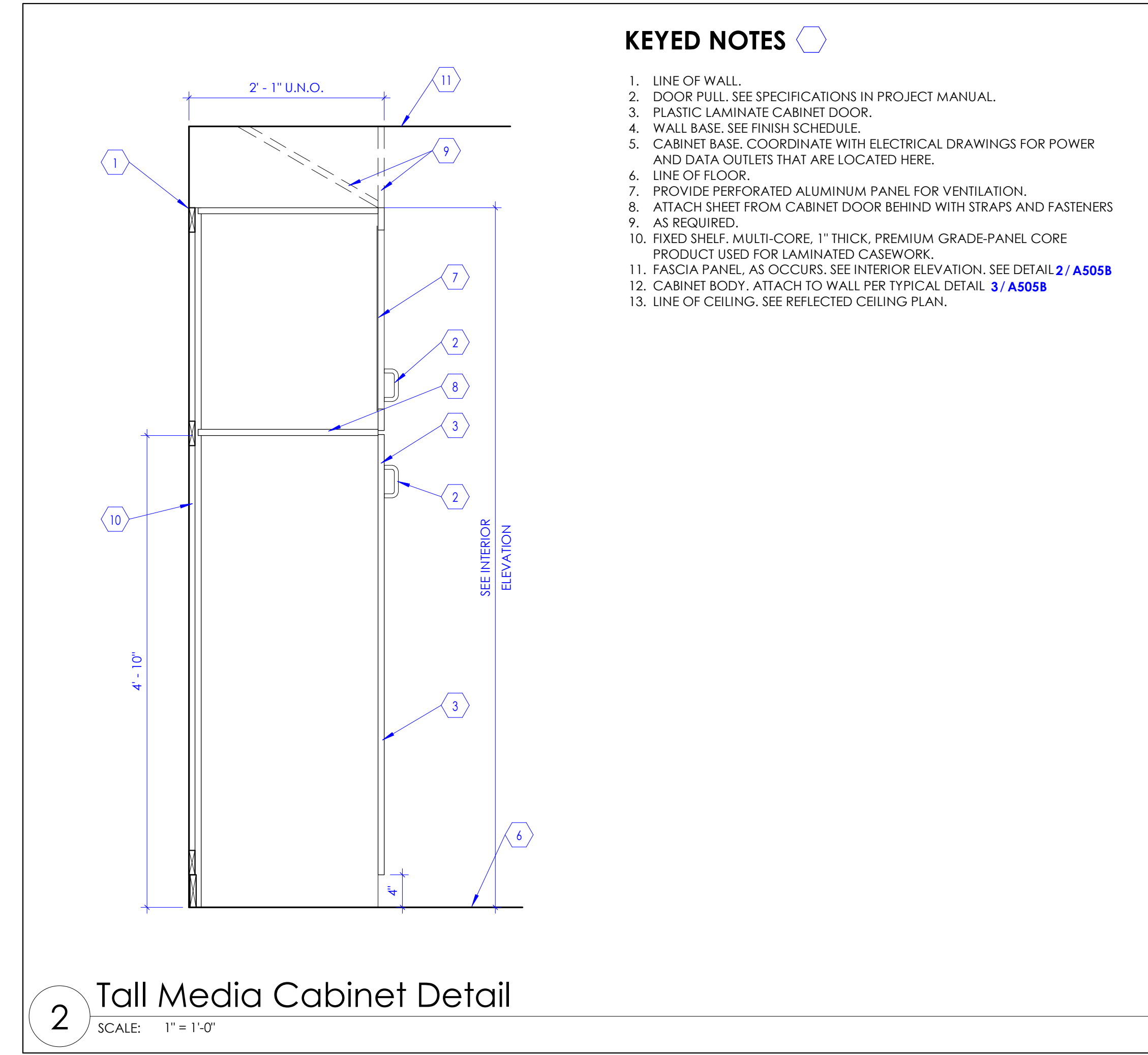
Cabinet
Legend &
Details

A505A

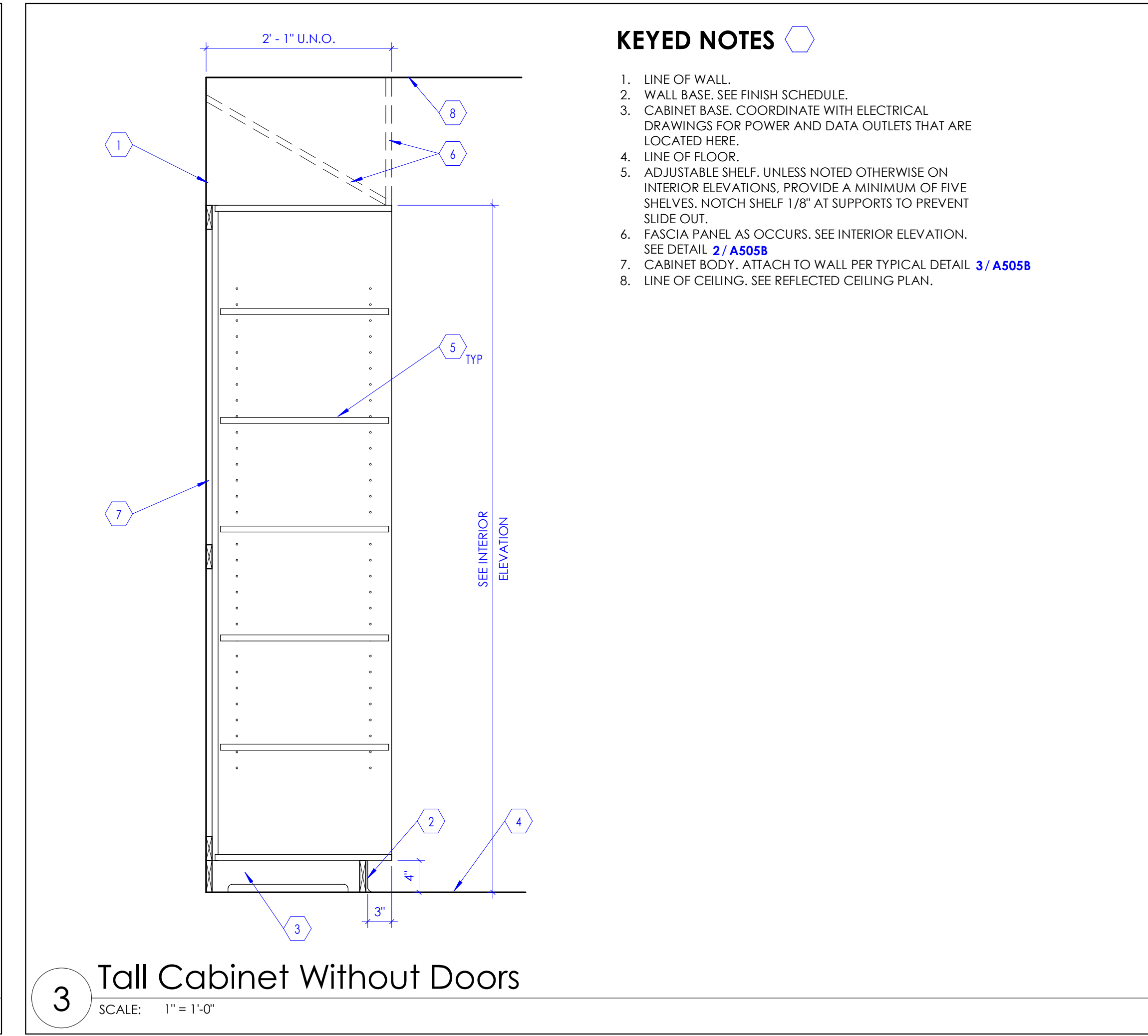




- KEYED NOTES**
1. LINE OF WALL.
 2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 3. PLASTIC LAMINATE CABINET DOOR.
 4. WALL BASE. SEE FINISH SCHEDULE.
 5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 6. LINE OF FLOOR.
 7. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF FIVE SHELVES, NOTCH SHELF 1/8" AT SUPPORT TO PREVENT SLIDE OUT.
 8. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2 / A505B
 9. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B
 10. LINE OF CEILING. SEE REFLECTED CEILING PLAN.



- KEYED NOTES**
1. LINE OF WALL.
 2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 3. PLASTIC LAMINATE CABINET DOOR.
 4. WALL BASE. SEE FINISH SCHEDULE.
 5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 6. LINE OF FLOOR.
 7. PROVIDE PERFORATED ALUMINUM PANEL FOR VENTILATION.
 8. ATTACH SHEET FROM CABINET DOOR BEHIND WITH STRAPS AND FASTENERS AS REQUIRED.
 9. AS REQUIRED.
 10. FIXED SHELF, MULTI-CORE, 1" THICK, PREMIUM GRADE-PANEL CORE PRODUCT USED FOR LAMINATED CASEWORK.
 11. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2 / A505B
 12. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B
 13. LINE OF CEILING. SEE REFLECTED CEILING PLAN.

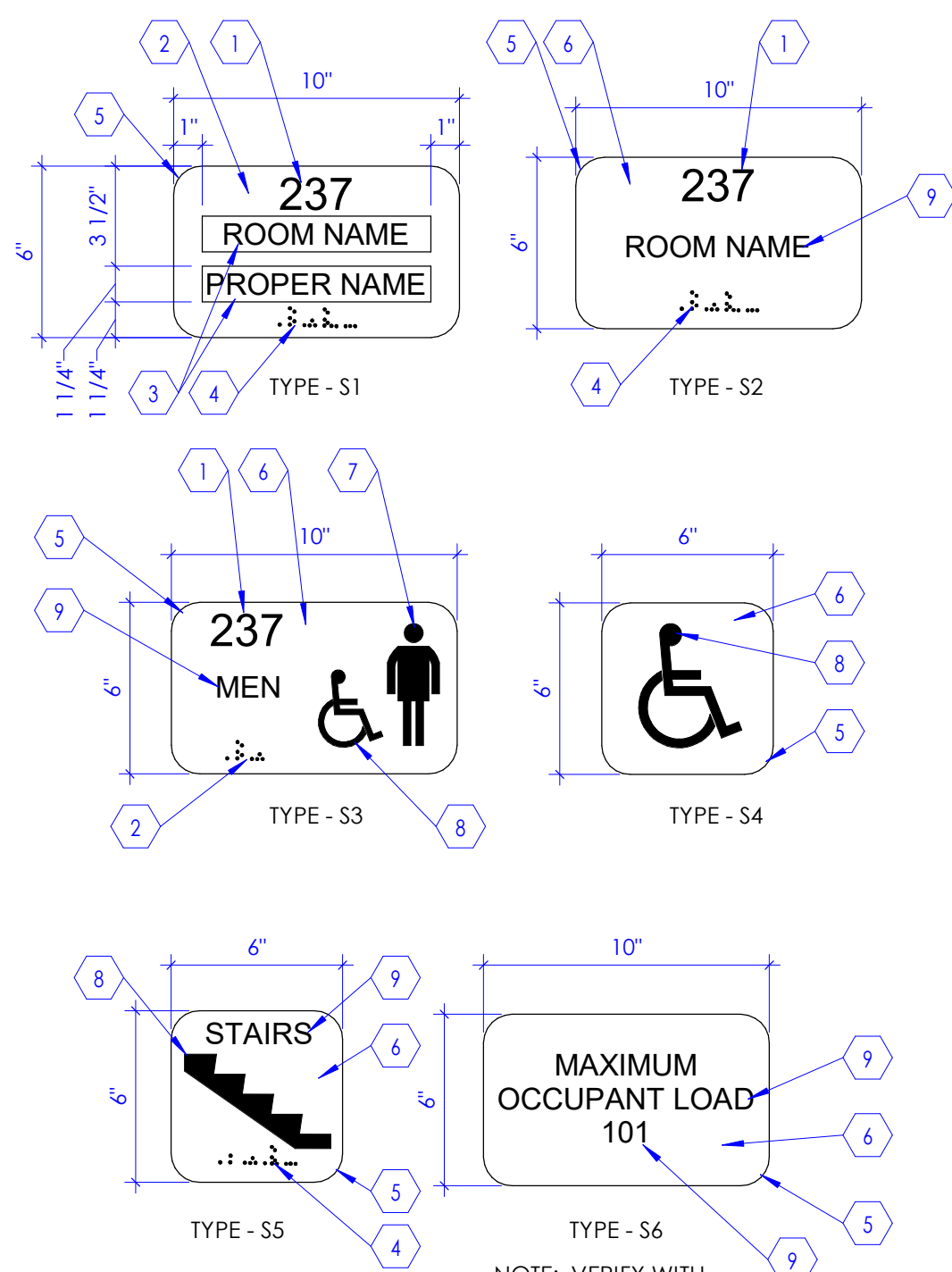


- KEYED NOTES**
1. LINE OF WALL.
 2. WALL BASE. SEE FINISH SCHEDULE.
 3. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 4. LINE OF FLOOR.
 5. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF FIVE SHELVES, NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
 6. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2 / A505B
 7. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B
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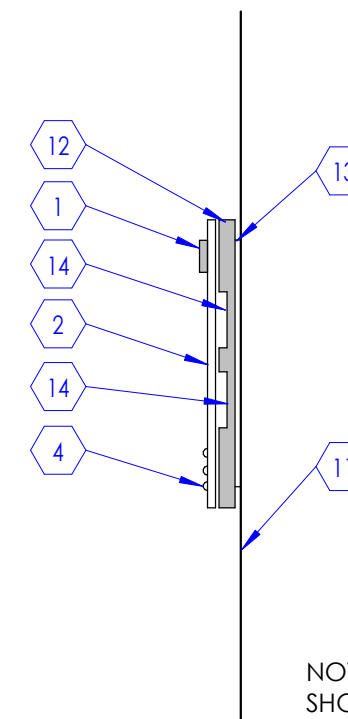
KEYED NOTES

1. ROOM NUMBER (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
2. MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL (WITH TRANSPARENT WINDOW) ATTACHED TO BASE PANEL.
3. TRANSPARENT WINDOW FOR TEXT INSERT (HELVETICA FONT), TEXT INSERT SHALL BE FURNISHED AND INSTALLED BY SIGN CONTRACTOR.
4. BRAILLE CHARACTERS AS PER ADA (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS DENOTING ROOM NUMBER AND NAME.
5. RADIUS CORNER, 1" TYPICAL.
6. MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL ATTACHED TO BASE PANEL.
7. PROVIDE APPROPRIATE SYMBOL FOR MEN, WOMEN, UNISEX, BOYS AND GIRLS TOILET ROOM AS OCCURS.
8. PROVIDE APPROPRIATE SYMBOL FOR STAIR, DISABLED SIGN, ETC., AS INDICATED.
9. ROOM NAME (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
10. PROVIDE DISABLED SYMBOL AS INDICATED IN THE SIGN FOR ALL ROOMS THAT ARE WHEEL CHAIR ACCESSIBLE.
11. LINE OF WALL.
12. MATTE FINISHED, OPAQUE ACRYLIC SHEET BASE PANEL ATTACHED TO SHIM PLATE.
13. SHIM PLATE, ALUMINUM, 1/4" THICK, CONCEALED, WITH PRE-DRILLED HOLES FOR COUNTERSUNK FASTENERS, USE APPROPRIATE FASTENERS DEPENDING ON THE SUBSTRATE.
14. RECESS 1/16" FOR TEXT INSERT, FOR SIGN "TYPE - S1" ONLY.
15. SIGNAGE.
16. SIGN AT ALL ACCESSIBLE LOCATION.
17. DOOR FRAME, SEE DOOR SCHEDULE.
18. DOOR, SEE DOOR SCHEDULE.
19. OPENING IN WALL.
20. LINE OF FLOOR.

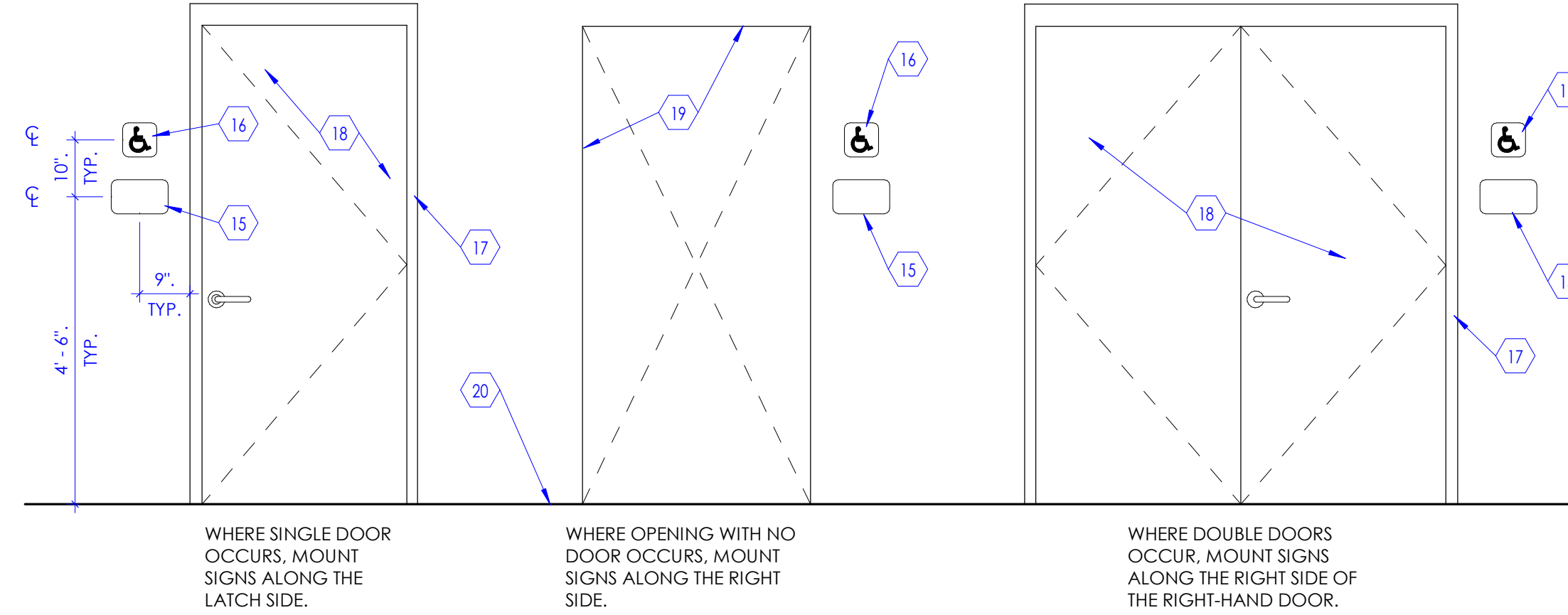
- NOTE:
- A. PROVIDE ROOM SIGN AT EACH DOORWAY OR A WALL OPENING LEADING TO A ROOM. SEE FINISH FLOOR PLAN FOR REQUIRED NUMBER OF SIGNS, SIGN TYPE, ROOM NAMES, ETC.
 - B. SIGN CONTRACTOR SHALL COORDINATE WITH OWNER AND PROVIDE TEXT INSERTS FOR OCCUPANTS PROPER NAME FOR ALL "TYPE S1" WALL SIGNS.
 - C. ALL COLORS SHALL BE SELECTED BY ARCHITECT AND MOUNTED ON WALL OR DOOR PER DETAIL 'B'.



A Sign Types
SCALE: 2" = 1'-0"



B Sign Mounting
SCALE: 3" = 1'-0"



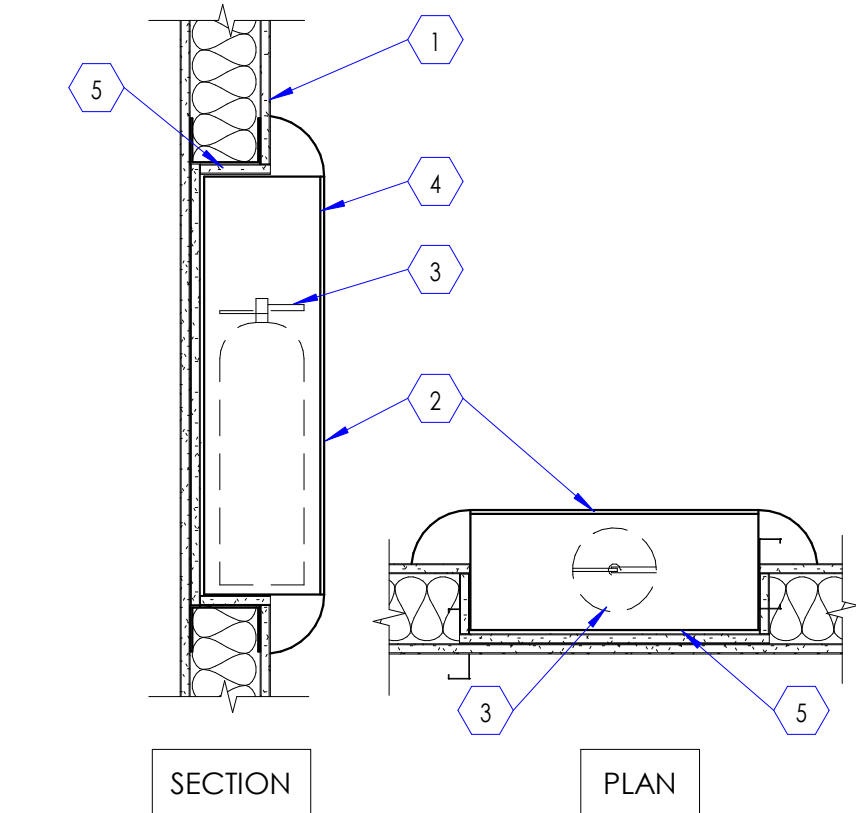
C Sign Mounting Elevations
SCALE: 1/2" = 1'-0"

SIGNAGE IS CONTRACTOR PROVIDED AND INSTALLED TO MATCH BUILDING STANDARD. FIELD VERIFY TO COORDINATE WITH OWNER.

1 Room Signage Detail
SCALE: N.T.S.

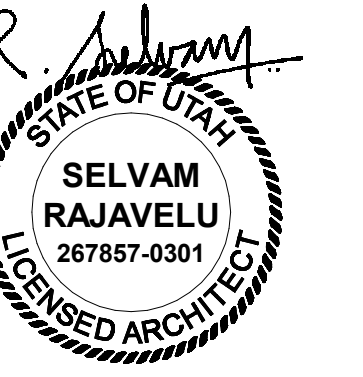
KEYED NOTES

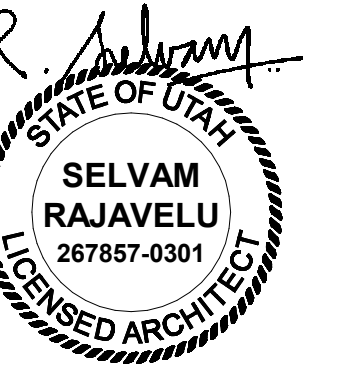
1. GYPSUM BOARD, 5/8" THICK, (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD.
2. FIRE EXTINGUISHER CABINET, SEMI RECESSED. VERIFY WITH MANUFACTURER FOR ROUGH OPENING SIZE REQUIREMENTS.
3. HAND HELD FIRE EXTINGUISHER.
4. CABINET DOOR.
5. COVER ALL SIDES OF CABINET WITH 5/8" THICK, TYPE 'X' GYPSUM BOARD.



AT GYPSUM BOARD WALL
FIRE EXTINGUISHER RECESSED CABINET AT GYPSUM BOARD WALL

3 Fire Extinguisher Cabinet Detail
SCALE: 1" = 1'-0"





DOOR SCHEDULE

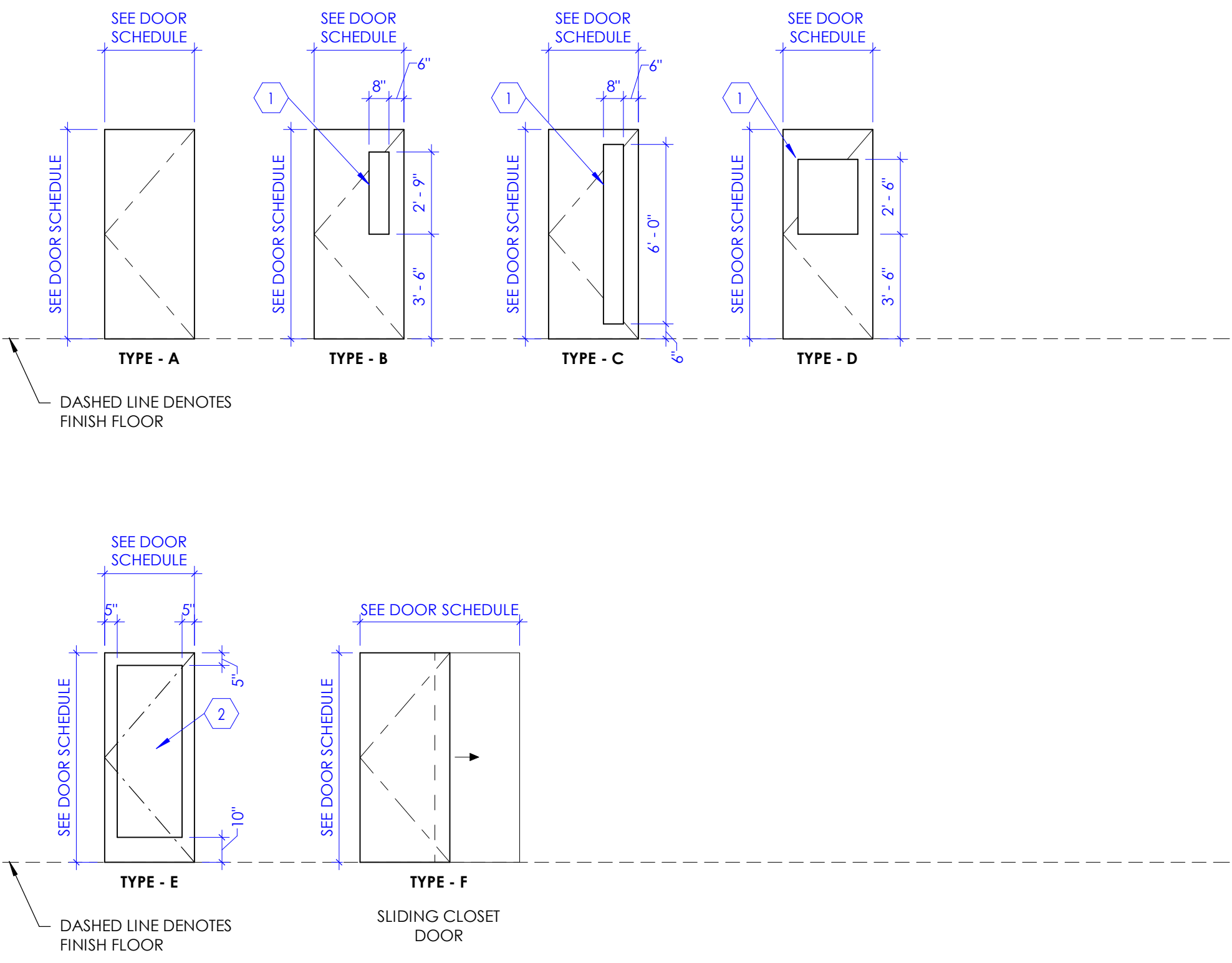
DOOR #	# OF PANELS	DOOR				FRAME			DETAILS			DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS	
		W1	W2	HEIGHT	THICKNESS	MATERIAL	TYPE (1/A601A)	DEPTH	MATERIAL	JAMB	HEAD					THRESHOLD
101A	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	101A		1	
101B	1	2'-0"		6'-8"	1 3/4"	WD	A	1	4 3/4"	WD	1/A504A	1/A504A	101B		5	
102A	1	3'-0"		7'-0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	1/A504A	102A		1	1.
103A	1	3'-0"		7'-0"	1 3/4"	AL	E	1	5 7/8"	AL	1/A504A	1/A504A	103A		4	2.
104A	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	104A		3	
104B	1	2'-0"		6'-8"	1 3/4"	WD	A	1	4 3/4"	WD	1/A504A	1/A504A	104B		5	
105A	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	105A		3	
105B	1	2'-0"		6'-8"	1 3/4"	WD	A	1	4 3/4"	WD	1/A504A	1/A504A	105B		5	
106A	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	106A		3	
106B	1	2'-0"		6'-8"	1 3/4"	WD	A	1	4 3/4"	WD	1/A504A	1/A504A	106B		5	
107A	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	107A		3	
107B	1	2'-0"		6'-8"	1 3/4"	WD	A	1	4 3/4"	WD	1/A504A	1/A504A	107B		5	
109A	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	109A		3	
109B	1	2'-0"		6'-8"	1 3/4"	WD	A	1	4 3/4"	WD	1/A504A	1/A504A	109B		5	
110A	1	3'-0"		7'-0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	1/A504A	110A		2	
110B	1	2'-6"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	110B		3	5
110C		5'-0"		7'-0"	1 3/4"	WD	F	1	5 7/8"	WD	1/A504A	1/A504A	110C		7	3
111A	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	111A		8	4
112A	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	112A		8	4
112B	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	112B		2	

COMMENTS

1. PROVIDE OFFICE LOCK AT THIS DOOR.
2. PROVIDE ALUMINUM STOREFRONT DOOR.
3. SLIDING CLOSET DOOR. PROVIDE SLIDING CLOSET HARDWARE.
4. EXIT DOOR.
5. CLOSET DOOR.

KEYED NOTES

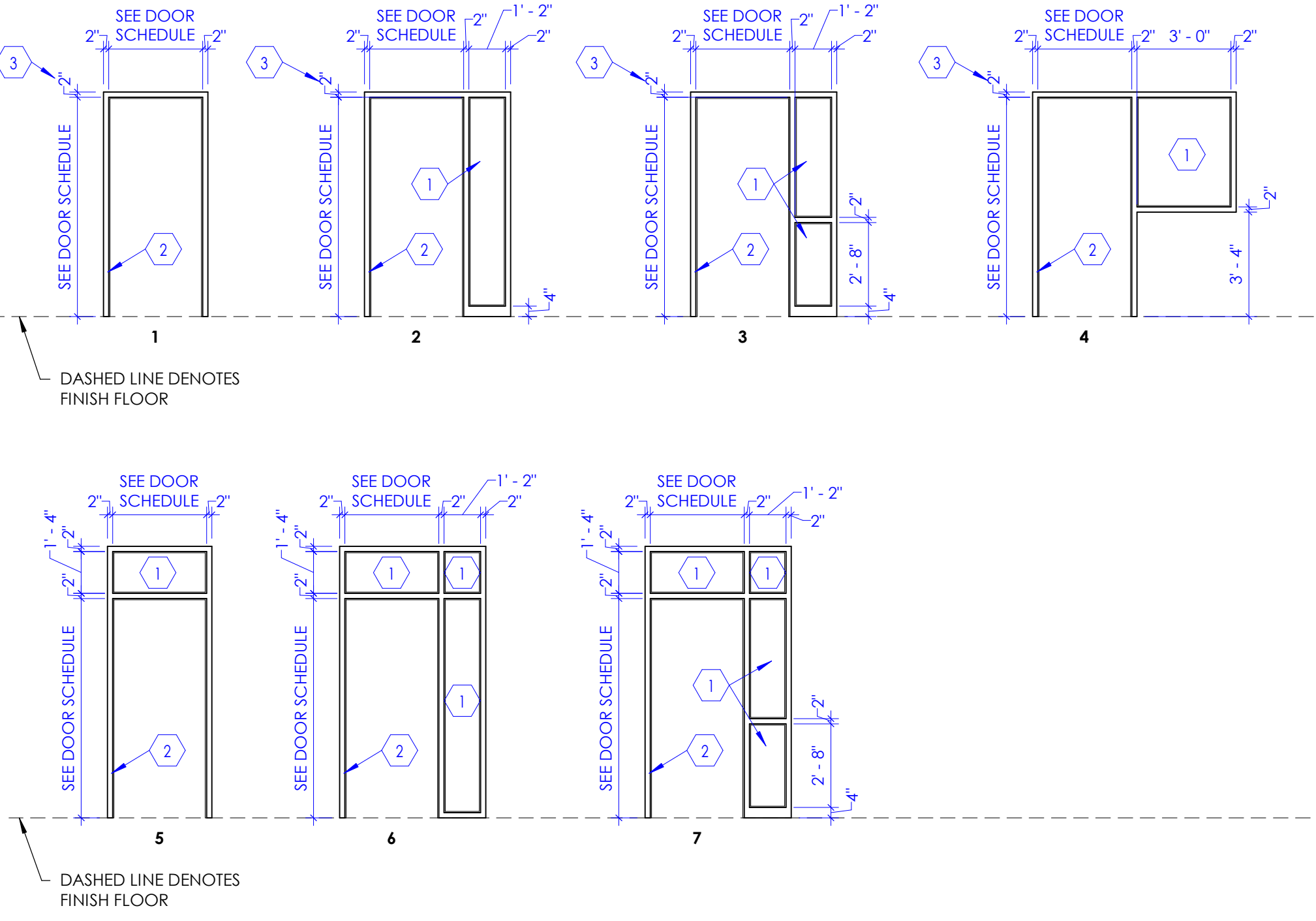
1. VISION PANEL, GLAZING IN VISION PANEL SHALL BE 1/4" THICK, CLEAR, TEMPERED, GLAZING. FOR WOOD DOOR, PROVIDE WOOD TRIM FRAME FLUSH WITH THE FACE OF THE DOOR, AROUND THE VISION PANEL OPENING. STAIN AND SPECIES OF WOOD TRIM SHALL MATCH WOOD DOOR. FOR HOLLOW METAL DOOR, PROVIDE METAL TRIM AROUND VISION PANEL. GLAZING SHALL BE FIRE RATED IF DOORS ARE REQUIRED TO BE FIRE RATED.
2. FOR EXTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE TINTED, INSULATED, TEMPERED, LOW E, AND 1" THICK. FOR INTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE CLEAR, TEMPERED AND 1/4" THICK.
3. STAINLESS STEEL WELDED WIRE MESH (15 GAUGE) ATTACHED TO DOOR. PROVIDE FRAME AROUND THE OPENING IN DOOR TO SECURE THE MESH IN PLACE.
4. METAL LOUVER IN DOOR FOR VENTILATION.



1 Door Types NOTE: REFER TO "DOOR SCHEDULE" TABLE FOR DOOR TYPES REQUIRED FOR THIS PROJECT. SOME DOOR TYPE ELEVATIONS INDICATED ABOVE, MAY NOT BE APPLICABLE TO THIS PROJECT. SCALE: 1/4" = 1'-0"

KEYED NOTES

1. GLAZING SHALL BE CLEAR, TEMPERED, AND 1/4" THICK.
2. DOOR FRAME, SEE DOOR SCHEDULE.
3. WHERE DOOR OCCURS AT MASONRY WALL (8" HIGH, C.M.U. BLOCKS), AND WITH A TYPICAL DOOR HEIGHT OF 7'-0", USE 4" FRAME AS FRAME HEAD INSTEAD OF THE STANDARD 2" FRAME.



2 Frame Types NOTE: REFER TO "DOOR SCHEDULE" FOR FRAME TYPES REQUIRED FOR THIS PROJECT. SOME FRAME TYPE ELEVATIONS INDICATED ABOVE MAY NOT BE APPLICABLE TO THIS PROJECT. SCALE: 1/4" = 1'-0"

Northpointe Medical Park
Building B, Level 2, Suite 203
TI For Sunset Counseling

2371 North 400 East
Tooele, UT 84074

NJRA Project # 21014.00
Construction Documents February 15, 2022

Door Schedule

A601A

FINISH SCHEDULE

TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH	24" X 24"	CARPET TILE	PATCRAFT	HOMEROOM V. 3.0	10353	SCHOLARSHIP 00420	1
F2	FLOOR FINISH	48" X 7.75"	LUXURY VINYL TILE	PATCRAFT	ANEW 2.5	1542V	IVORY 00110	3
F3	FLOOR FINISH	12" X 12"	VINYL COMPOSITION TILE	TARKETT	TARKETT VCT II	580	MINERAL WHITE	2, 5
B1	WALL BASE	4" HIGH	CARPET BASE (TOP EXPOSED EDGE BOUND WITH FABRIC)	PATCRAFT	HOMEROOM V. 3.0	10351	SCHOLARSHIP 00420	-
B2	WALL BASE	4" HIGH	WALL BASE - MATCH EXISTING	-	-	-	MATCH EXISTING	2
B3	WALL BASE	4" HIGH	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE STANDARD TOE	-	193 BLACK BROWN	-
W1	WALL FINISH		PAINT	SHERWIN WILLIAMS	SATIN FINISH	SW 7567	NATURAL TAN	-
W2	WALL FINISH		PAINT- MATCH EXISTING	-	-	-	MATCH EXISTING	2
C1	CEILING FINISH		PAINTED GYPSUM CEILING	SHERWIN WILLIAMS	FLAT FINISH	SW 7005	PURE WHITE	4
MS1	MISC. SURFACE FINISH		DOOR FRAME PAINT	SHERWIN WILLIAMS	SEMI-GLOSS FINISH	SW 7069	IRON ORE	-
MS2	MISC. SURFACE FINISH		DOOR FRAME PAINT - MATCH EXISTING	-	-	-	MATCH EXISTING	2
PL1	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE - CABINERY	WILSONART	CASUAL RUSTIC FINISH	8208K-18	FAWN CYPRESS	-
PL2	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE - COUNTERTOP	WILSONART	MATTE FINISH	4170-60	BEIGE PAMPAS	-
PL3	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE - COUNTERTOP	WILSONART	FINE VELVET FINISH	4883-38	SABLE SOAPSTONE	2

COMMENTS

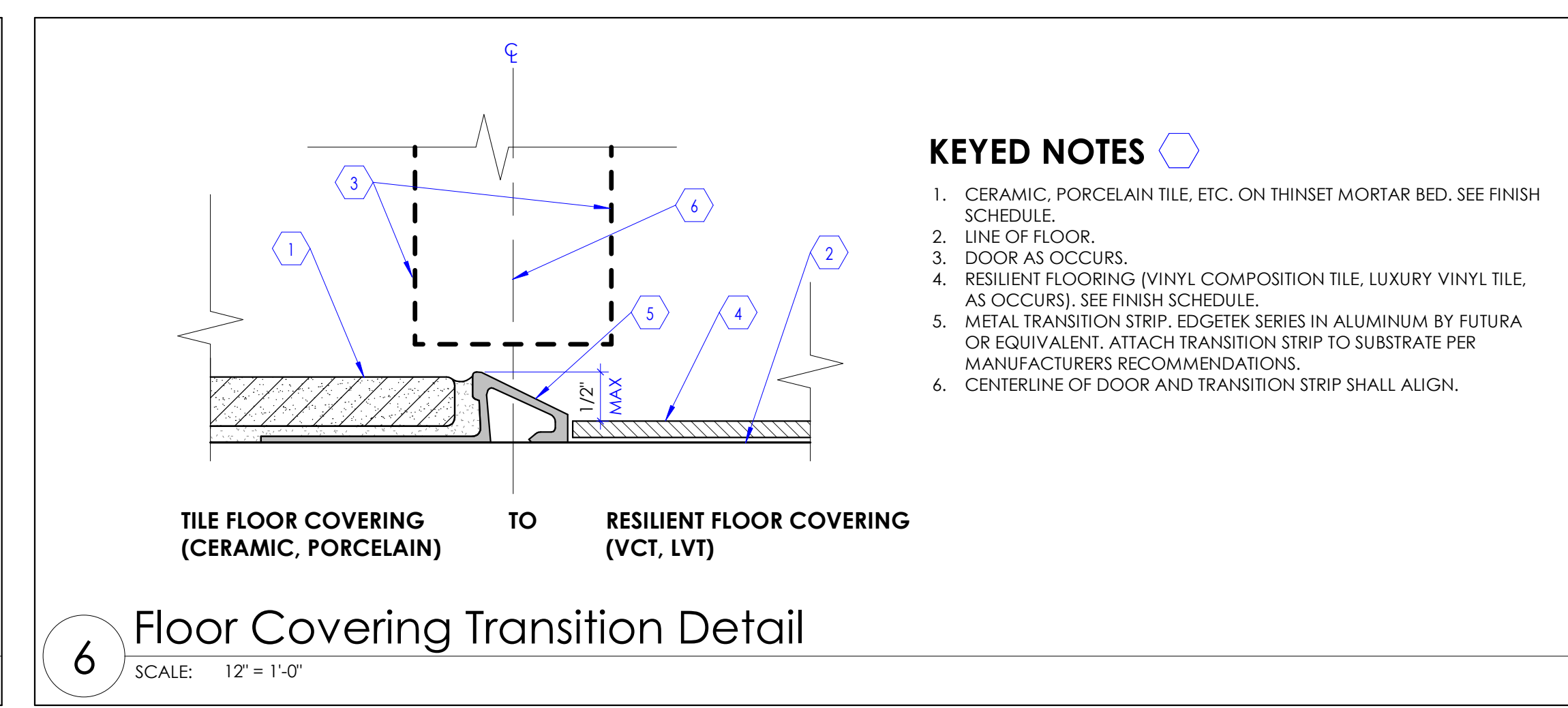
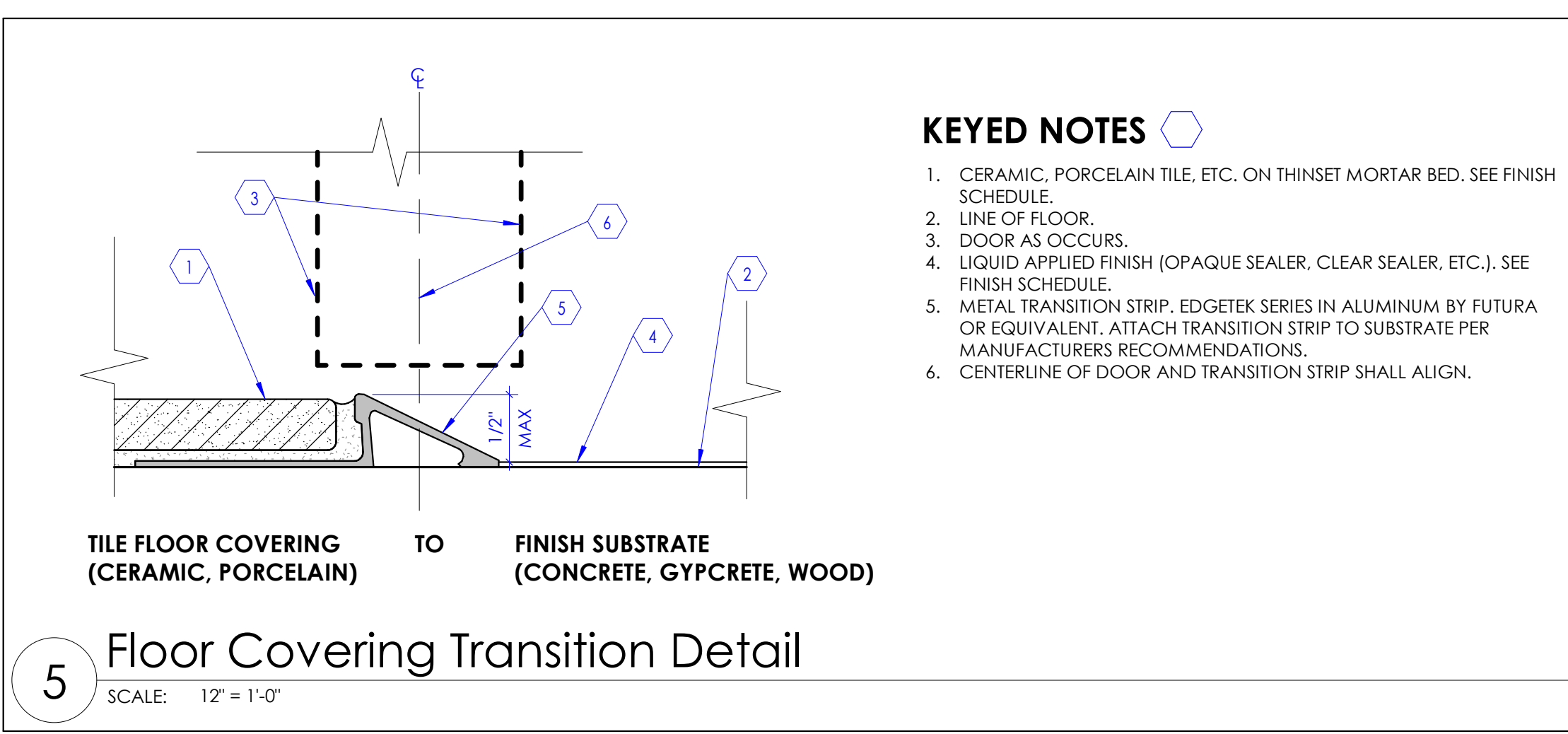
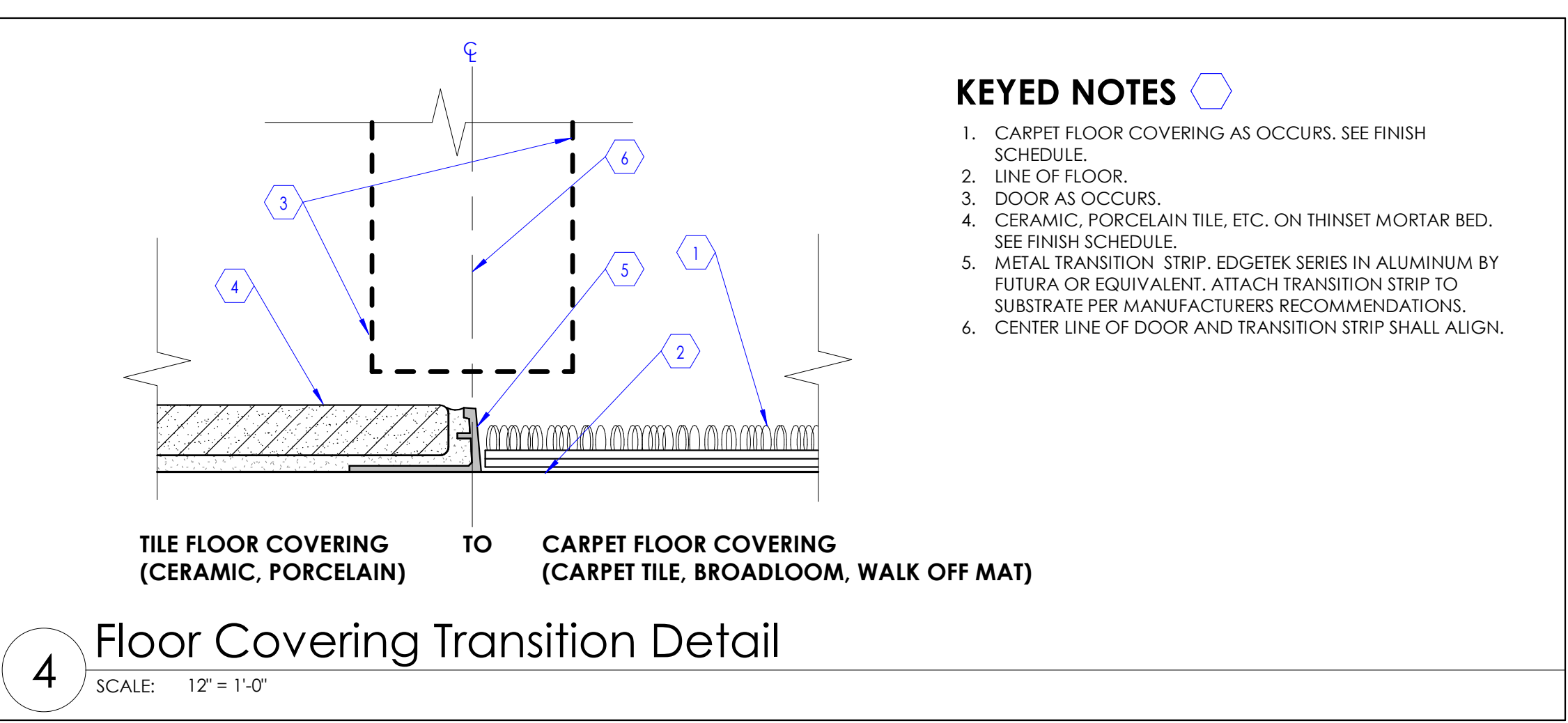
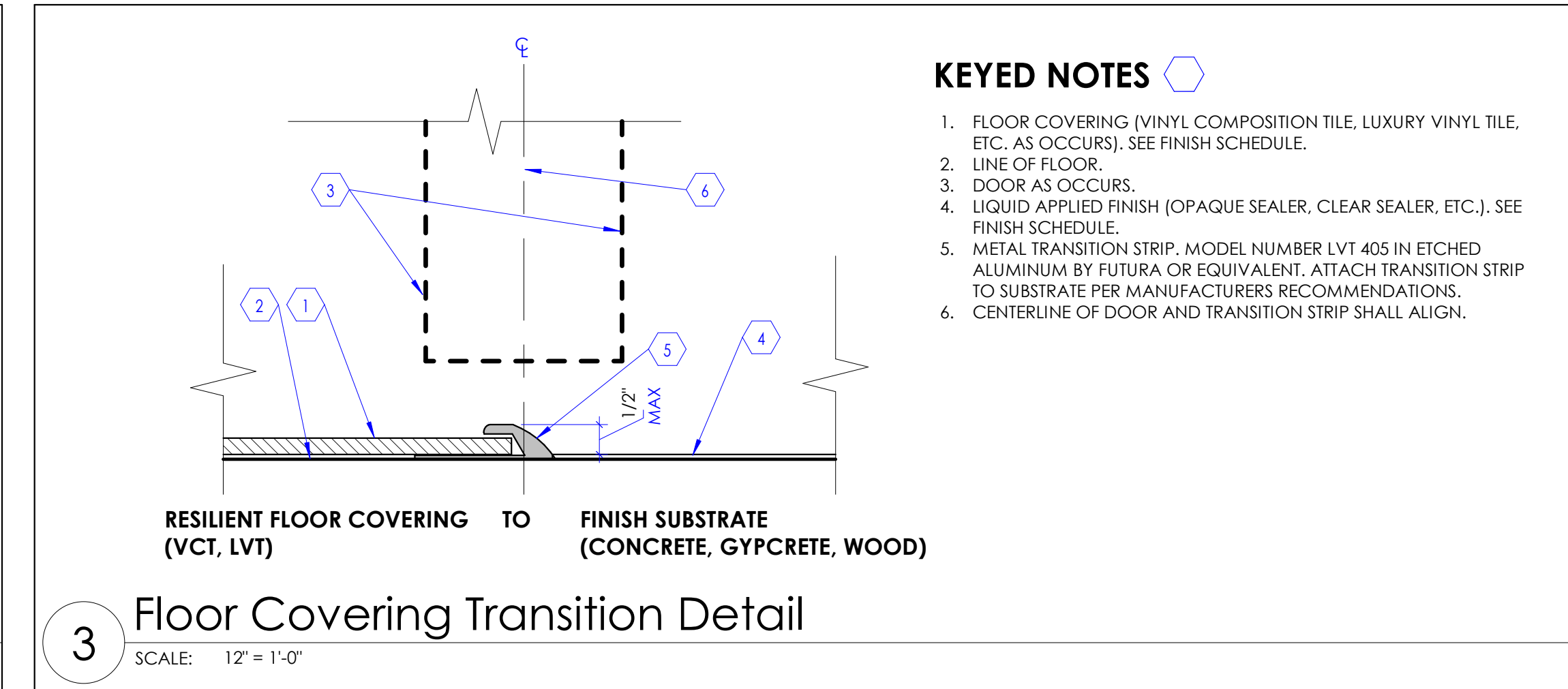
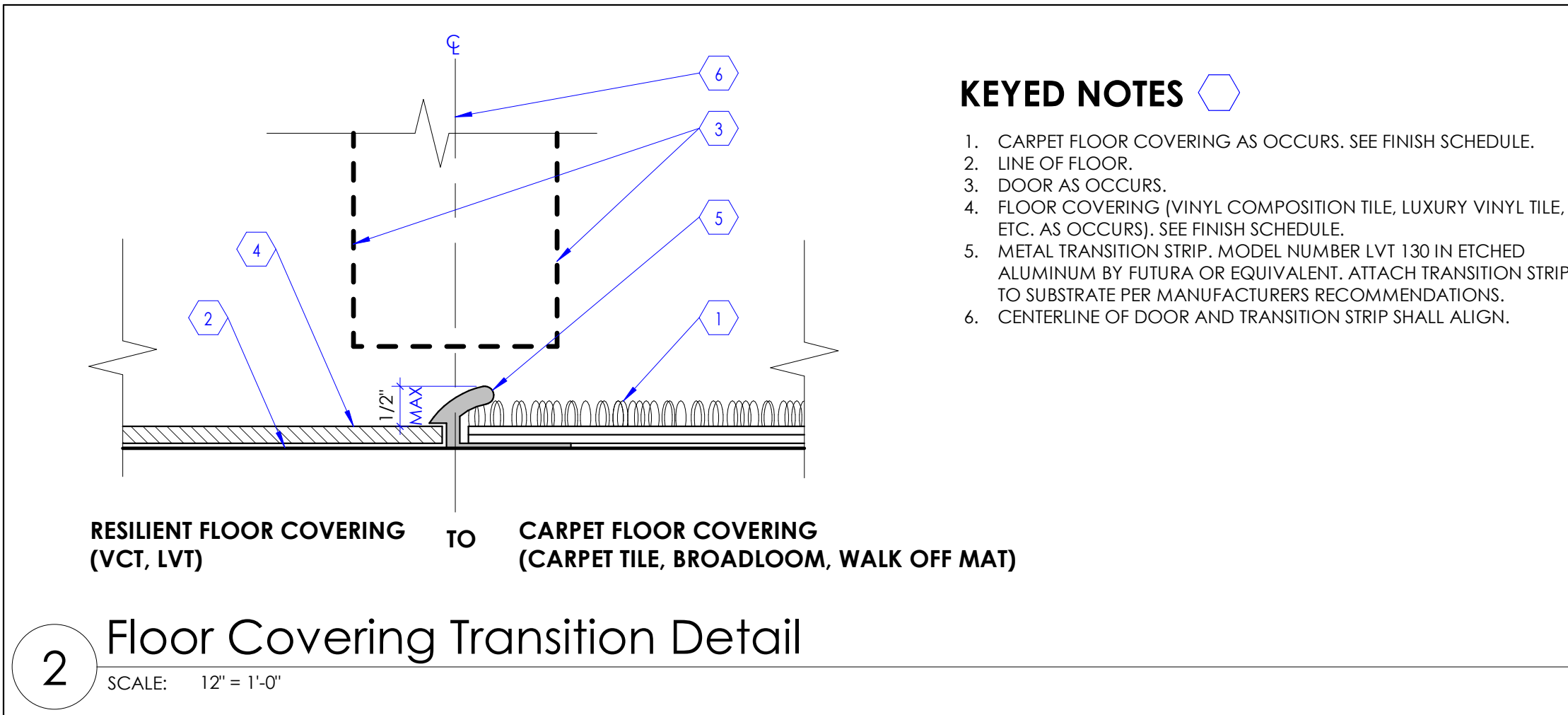
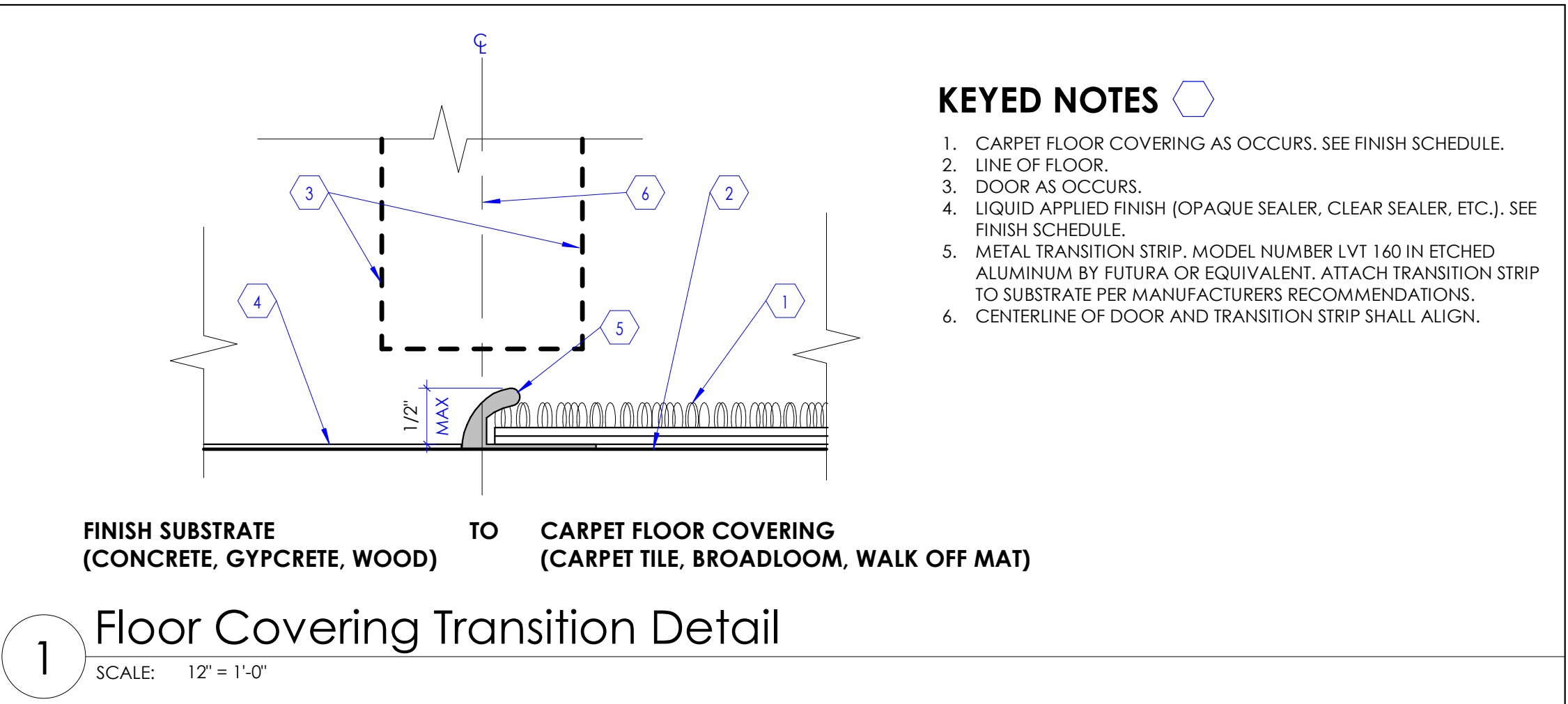
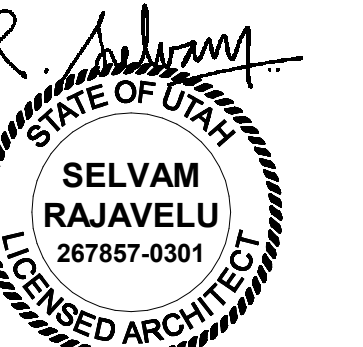
- CARPET TILES SHALL BE INSTALLED IN A MONOLITHIC INSTALLATION PATTERN.
- MATCH EXISTING FINISH STYLE AND COLOR.
- LVT SHALL BE INSTALLED IN A BRICK INSTALLATION PATTERN.
- ALL PAINTED GYPSUM CEILINGS AND SOFFITS SHALL BE PAINTED "C1" FINISH UNLESS NOTED OTHERWISE.
- VCT SHALL BE INSTALLED IN A QUARTER TURNED INSTALLATION PATTERN.

GENERAL NOTES

- BASE OF DESIGN FOR FINISHES. FINISHES INDICATED ON THE FINISH SCHEDULE ARE BASED ON THE NAMED MANUFACTURER AND THEIR PRODUCTS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE APPROVED MANUFACTURERS LISTED IN THE PROJECT MANUAL. SEE RELEVANT SPECIFICATION SECTION.
- SEE "SAMPLE LAYOUTS" INDICATED ON FINISH PLANS FOR CLARIFICATION ON HOW DIFFERENT TYPES OF REQUIRED FINISHES ARE INDICATED WITH FINISH TAGS FOR FLOORS, WALLS, MISCELLANEOUS SURFACE, ETC. SEE FINISH FLOOR PLANS FOR REQUIRED FINISHES (INDICATED WITH FINISH TAGS SUCH AS F1, B1, W1, ETC.).
- LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF FLOOR COVERING IS INDICATED ON THE FINISH FLOOR PLANS. IN PLACES WHERE TWO DIFFERENT FLOOR COVERINGS ABUT EACH OTHER, CONTRACTOR SHALL FOLLOW THE RELEVANT APPLICABLE "FLOOR COVERING TRANSITION DETAILS" INDICATED IN THIS CONSTRUCTION DOCUMENTS. WHERE TWO ROOMS ARE REQUIRED TO HAVE DIFFERENT FLOOR COVERINGS, LINE OF TRANSITION SHALL TYPICALLY OCCUR BELOW THE CENTER OF THE DOOR (LOCATED BETWEEN THE TWO ROOMS). AS THESE TRANSITION LINES ARE NOT INDICATED BELOW THE DOOR ON THE FINISH FLOOR PLANS, CONTRACTOR SHALL PROVIDE METAL TRANSITION STRIP (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AS REQUIRED. AT EXTERIOR DOORS, PROVIDE ALUMINUM THRESHOLD MATCHING THE DOORWAY. FOR REMODEL PROJECTS, COORDINATE WITH DEMOLITION FLOOR PLAN AND NEW FLOOR PLAN TO DETERMINE WHERE NEW ABUTS EXISTING FLOOR COVERING THAT IS SCHEDULED TO REMAIN.
- LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF WALL FINISH IS INDICATED ON THE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS. FOR REQUIRED WALL PROTECTION TYPE (INDICATED WITH TAG W1), W1P, ETC.), ON WALLS, COORDINATE WITH FINISH FLOOR PLANS AND INTERIOR ELEVATIONS.
- THERE ARE MISCELLANEOUS SURFACES THAT ARE EXPOSED AND WILL REQUIRE A FINISH. SUCH MISCELLANEOUS SURFACES ARE INDICATED IN THE DRAWINGS WITH FINISH TAGS SUCH AS MS1, MS2, ETC.
- PAINT ALL EXPOSED VISIBLE ITEMS SUCH AS METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISC. STEEL ITEMS, PIPES, CONDUITS, ETC. UNLESS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED. IF NATURAL FINISH IS REQUIRED, PAINT SURFACES USING FIELD COLORS AND ACCENT COLORS SPECIFIED BY THE ARCHITECT. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, AND PRE-FINISHED ITEMS. VERIFY PAINTING SURFACE (SUCH AS STEEL, CONCRETE, MASONRY, GYPSUM BOARD, WOOD, ETC.) AND USE THE APPROPRIATE PAINT AND METHOD INDICATED IN THE PROJECT MANUAL UNDER RELEVANT SPECIFICATION SECTION. ALL HOLLOW METAL DOOR AND WINDOW FRAMES SHALL BE PAINTED. USE SEMI-GLOSS FINISH ON DOOR FRAMES.
- IN ROOMS AND AREAS WHERE GYPSUM BOARD CEILING IS INDICATED, PAINT CEILING WITH THE SAME COLOR AND TYPE AS ADJACENT WALLS. IN WET ROOMS (LIKE RESTROOM, KITCHEN, ETC.) WHERE EPOXY PAINT IS INDICATED AS A REQUIREMENT ON WALLS, PAINT CEILINGS AND SOFFITS WITH EPOXY TYPE PAINT. ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED. COORDINATE ACCENT COLOR LOCATIONS WITH ARCHITECT WHERE INDICATED.
- SEE INTERIOR ELEVATIONS FOR PLASTIC LAMINATE FINISHES OVER CABINETS, COUNTERTOPS, WALLS, ETC. PLASTIC LAMINATE FINISHES ARE INDICATED AS PL1, PL2, ETC. COUNTERTOPS THAT ARE MONOLITHIC MATERIAL (SUCH AS SOLID SURFACE, QUARTZ, ETC. AND NOT PLASTIC LAMINATE WRAPPED), ARE INDICATED AS MM1, MM2, ETC.
- WHERE PORCELAIN AND/OR CERAMIC TILE FINISHES ARE INDICATED, PROVIDE METAL EDGE STRIPS (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AT ALL OUTSIDE VERTICAL CORNERS AND TOP OF WAINSCOT.
- IN ROOMS AND AREAS (SUCH AS TOILET ROOMS, SHOWERS, ETC.) WHERE CERAMIC OR PORCELAIN TILES ARE INDICATED FOR WALL AND FLOOR FINISH, INSTALL BOTTOM ROW OF WALL TILE FIRST PER DETAIL 1/A603B. PROVIDE QUARTZ THRESHOLD AT DOORS TO TOILET ROOMS THAT ARE USED BY MULTIPLE USERS. SEE DETAILS 3 & 4 SHEET A603B.
- WHERE GYPSUM BOARD WALL ABUTS MASONRY WALL, PROVIDE REVEAL AS PER DETAIL 2/A603B.



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Building B, Level 2, Suite 203
TI For Sunset Counseling

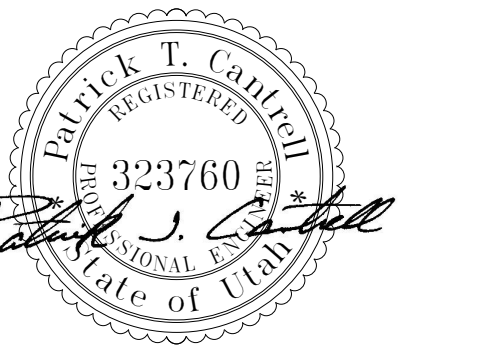
2371 North 400 East
Tooele, UT 84074

NJRA Project # 21014.00
Construction Documents February 15, 2022

Finish
Schedule &
Details

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02.11.2022



1040 N 2200 WEST
SALT LAKE CITY UTAH
T: 801.359.3158
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PIPING LEGEND			
GATE VALVE		CHILLED WATER SUPPLY	CWS
OS & Y PATTERN GATE VALVE		CHILLED WATER RETURN	CWR
BALL VALVE		CONDENSER WATER SUPPLY	CS
BUTTERFLY VALVE		CONDENSER WATER RETURN	CR
MOTORIZED BUTTERFLY VALVE		HEATING WATER SUPPLY	HWS
HEAT TRACING		HEATING WATER RETURN	HWR
DEIONIZED WATER		WATER TREATMENT	WT
CHECK VALVE (SWING OR LIFT AS REQ'D)		FIRE DEPT. HORN & LIGHT	
SOLENOID VALVE		HOT GAS	HG
AUTOMATIC CONTROL VALVE (2-WAY)		FLEXIBLE PIPE CONNECTION	
AUTOMATIC CONTROL VALVE (3-WAY)		REDUCED PRESSURE BACKFLOW PREVENTER	RBPB
PRESSURE REDUCING VALVE		DIRECTION OF FLOW	
PRESSURE INDEPENDENT VALVE		ELBOW DOWN	
P & T RELIEF VALVE		ELBOW UP	
AIR VENT (AUTOMATIC)		PIPE CAP	
REFRIGERANT LIQUID	RL	TEE DOWN	
REFRIGERANT SUCTION	RS	UNION	
THERMAL EXPANSION VALVE		DOMESTIC COLD WATER	
STRAINER		DOMESTIC HOT WATER	
CIRCUIT SETTER		HOT WATER CIRC.	
FLOW METER		TEMPERED WATER	T
PET COCK OR GAUGE COCK		SANITARY (PLBG) VENT	
PRESSURE GAUGE W/GAUGE COCK		SANITARY SEWER ABOVE GRADE	
THERMOMETER		SANITARY SEWER BELOW GRADE	
TEMPERATURE & PRESSURE TEST PLUG		DRAIN	D
IN-LINE PUMP		ROOF DRAIN PIPING	RD
FLOW SWITCH		OVERFLOW DRAIN PIPING	OD
AQUASTAT		STORM DRAIN PIPING ABOVE GRADE	SD
HOSE BIBB OR SILLCOCK		STORM DRAIN PIPING BELOW GRADE	SD
VACUUM	V	FIRE SERVICE	F
FLOOR DRAIN		NATURAL GAS	G
FLOOR SINK		COMPRESSED AIR	CA
HOT GAS BYPASS	HGBP	VENT THROUGH ROOF	
WALL CLEANOUT		STEAM	S
FLOOR OR GRADE CLEANOUT		CONDENSATE	C
GRADE CLEANOUT W/ CONCRETE PAD		GREASE WASTE	GW
		SNOWMELT PIPING @ 8" O.C.	
		ROOF DRAIN WITH SNOWMELT PIPING INSTALLED INSIDE PIPE	

MECHANICAL LEGEND	
RETURN OR EXHAUST DUCT DOWN	
RETURN OR EXHAUST DUCT UP	
SUPPLY AIR DUCT DOWN	
SUPPLY AIR DUCT UP	
SPIN-IN FITTING W/MVD	
FLEXIBLE DUCT CONNECTION	
CEILING SLOT DIFFUSER	
CEILING DIFFUSER	
CEILING EXHAUST GRILLE	
CEILING GRILLE	
ACCESS PANEL	
MANUAL VOLUME DAMPER	
MOTORIZED DAMPER	
FIRE DAMPER	
THERMOSTAT OR TEMP SENSOR	
POINT OF CONNECTION TO EXISTING	
DETAIL TAG	
KEYED NOTE	
SECTION CUT LINE	
CONTROL TRANSFORMER	
FIRE DAMPER (FUSIBLE LINK)	
WALL RATING (SEE PLANS)	
COMBINATION FIRE/SMOKE DAMPER	
MOTORIZED 120V POWER	
WALL RATING (SEE PLANS)	
SMOKE DAMPER	
MOTORIZED 120V POWER	
WALL RATING (SEE PLANS)	
MOTORIZED CONTROL DAMPER	
TYP. 24V POWER (SEE PLANS)	
OPPOSED BLADE DAMPER (NO MOTOR)	
W/ INTERLOCKING SEALS AND BLADES	
IRIS DAMPER (NO MOTOR)	
FOR USE ON ROUND DUCTS	
BACK DRAFT DAMPER (NO MOTOR)	
W/ INTERLOCKING SEALS AND BLADES	
COUNTERWEIGHTED DAMPER (NO MOTOR)	
W/ INTERLOCKING SEALS AND BLADES	

GENERAL NOTES:

- INDICATES POINT OF CONNECTION OF NEW TO EXISTING MECHANICAL, EQUIPMENT, PIPING OR DUCTWORK.
- COORDINATE ALL FIRE SPRINKLER HEADS AND AIR DEVICE LOCATIONS WITH REFLECTED CEILING PLANS AND ELECTRICAL DRAWINGS.
- ALL RIGID ROUND DUCTWORK SHALL RECEIVE 2" - 0.75 LBS/CUFT. FIBERGLASS DUCT WRAP - MIN. R-5. ALL LOW PRESSURE RECTANGULAR DUCT SHALL RECEIVE 1" - 1.5 LBS/CUFT. DUCT LINER. ATTACH TO DUCT WITH MECHANICAL FASTENERS AND TRIM AND SEAL JOINTS. LOW PRESSURE ROUND FLEXIBLE DUCT TO BE 1/2" THICK INSULATED AND A MAXIMUM OF 5 FT. LONG. ALL INSULATION TO MEET NFPA 90 PER UL 181-CLASS 1. NO DUCT BOARD ALLOWED. ALL DUCT IS TO BE WRAPPED UP TO THE VAVS. DUCTWORK DOWNSTREAM OF THE VAVS IS TO BE LINED OR WRAPPED IF ROUND.
- DUCTWORK AND PIPE ROUTING AS SHOWN ON DRAWINGS IS DIAGRAMMATIC AND IS NOT TO BE SCALED. WHERE ALTERNATE ROUTING, OFFSETS AND TRANSITIONS ARE REQUIRED FOR COORDINATION OF WORK, THIS CONTRACTOR SHALL MAKE CHANGES WITHOUT ADDITIONAL COSTS.
- THIS CONTRACTOR SHALL CLOSELY COORDINATE NEW MECHANICAL WITH NEW AND EXISTING MECHANICAL, ELECTRICAL, ARCHITECTURAL AND BUILDING STRUCTURE.
- THIS CONTRACTOR SHALL FIELD VERIFY ALL MECHANICAL ITEMS PRIOR TO STARTING NEW WORK. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTORS FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
- THIS CONTRACTOR SHALL USE SMACNA DUCT CONSTRUCTION STANDARDS FOR SHEET METAL DUCTS. ALL HIGH PRESSURE DUCTWORK UPSTREAM OF VAV TERMINAL BOXES SHALL BE CONSTRUCTED FOR 2" W.C. STATIC PRESSURE, SEAL CLASS "A". ALL OTHER DUCTWORK UNLESS OTHERWISE NOTED ON FLOOR PLANS SHALL BE CONSTRUCTED OF 1" W.C. SEAL CLASS "B".
- ALL MECHANICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT ADOPTED EDITION OF THE BUILDING CODES, FIRE CODES, MECHANICAL CODES AND PLUMBING CODES.
- THIS CONTRACTOR SHALL PROVIDE SUBMITTALS ON ITEMS LISTED IN MECHANICAL EQUIPMENT LIST TO THE ENGINEER FOR REVIEW PRIOR TO THE ORDER, PURCHASE OR INSTALLATION.
- ALL VAV BOXES, RTUS, WATER FLOW RATES AND DIFFUSERS MUST BE BALANCED TO THE VALUES INDICATED ON THE FLOOR PLANS. PROVIDE BALANCE REPORT TO ENGINEER PRIOR TO PROJECT CLOSOUT.
- DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSIONS.
- FIRE SPRINKLER CONTRACTOR SHALL ADD AND/OR RELOCATE SPRINKLER HEADS PER REFLECTED CEILING PLAN AND THE CURRENT ADOPTED EDITION OF NFPA AND BUILDING CODE.
- PIPING MATERIAL REQUIREMENTS:
DOMESTIC COLD WATER PIPING - TYPE 1/2" COPPER OR PEX
DOMESTIC HOT WATER PIPING - TYPE 1/2" COPPER OR PEX
WASTE AND VENT PIPING - CAST IRON OR SCH. 40 PVC
ROOF AND OVERFLOW DRAIN PIPING - CAST IRON OR SCH. 40 PVC
STEAM PIPING - SCH. 40 80# STEEL PIPING OR COPPER - THREADED OR WELDED.
REFRIGERANT PIPING - TYPE K COPPER - 100% BRAZED, NOT SOLDERING ALLOWED.
NATURAL GAS PIPING - SCH. 40 BLACK IRON - 2" AND BELOW THREADED, 2 1/2" AND ABOVE WELDED.
* NO PLASTIC PIPING IS ALLOWED IN RETURN AIR PLENUMS *
- VENT THE HIGH POINTS OF NEW MECHANICAL PIPING.
- PROVIDE INSULATION FOR THE FOLLOWING:
A. DOMESTIC HOT WATER PIPING:
1" THICK FOR ALL PIPE SIZES.
B. DOMESTIC COLD WATER PIPING:
1/2" THICK FOR PIPE SIZES 1/2" TO 6"
(PROVIDE CONTINUOUS VAPOR BARRIER)
C. ROOF AND OVERFLOW DRAINS:
1" THICK FOR ALL PIPE SIZES
INSULATION ONLY REQUIRED ON HORIZONTAL
PRIMARY DRAINS AND ALL DRAIN BOWLS
F. REFRIGERANT SUCTION LINE PIPING
1-1/2" THICK FOR ALL PIPE SIZES.
- INSULATE PIPING WITH FIBERGLASS PIPE COVERING WITH ALL SERVICE JACKET AND SELF-CAP SEAL. FITTINGS SHALL BE MITERED PIPING COVERING OF GLASS FIBER MOLDED FITTINGS FOR USE IN A RETURN AIR PLENUM. THERMAL CONDUCTIVITY SHALL BE A MAXIMUM OF .25 INCH THICKNESS AT 75°F.
- SOLID INDICATES EXISTING, OUTLINED INDICATES NEW MATERIAL. IF THERE ARE ANY DISCREPANCIES AS TO WHAT IS NEW AND WHAT IS EXISTING, CONTRACTOR IS TO CONTACT THE ARCHITECT AND/OR MECHANICAL ENGINEER. THE EXISTING SHELL DOCUMENTS ARE AVAILABLE THROUGH THE ARCHITECT. ADDITIONAL COSTS WILL NOT BE TOLERATED FOR THE CONTRACTORS FAILURE TO BECOME FAMILIAR WITH EXISTING SHELL AND SITE CONDITIONS.
- MECHANICAL CONTRACTOR IS TO COORDINATE WITH ELECTRICAL ON SIZE/QUANTITY OF MOTORIZED DAMPERS, I.E. FIRE/SMOKE DAMPERS, FIRE DAMPERS, MOTORIZED DAMPERS, ETC.
- EACH TRADE IS RESPONSIBLE THEIR OWN FIRE CAULKING. ALL PENETRATIONS THROUGH ALL RATED WALLS MUST BE PROPERLY SEALED AND CAULKED FOR THE APPROPRIATE WALL RATING AND UL SYSTEM.
- DIVISION IS MUST PROVIDE AND INSTALL ALL ACCESS DOORS FOR FCUS, VALVES, FLOW METERS, ETC. COORDINATE LOCATION WITH GENERAL CONTRACTOR.
- HOUSEKEEPING PADS FOR ALL EQUIPMENT IS PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
- ALL TAKE-OFFS THROUGHOUT THE ENTIRE BUILDING SHALL BE HIGH EFFICIENCY TAKE-OFFS (HETS). NO EXCEPTIONS TAKEN.
- DIVISION IS TO SUBMIT TO ENGINEER ALL AS-BUILDS OF BUILDINGS MECHANICAL AND PLUMBING SYSTEMS PRIOR TO JOB COMPLETION AND FINAL PAYMENT.
- ALL VFDS ARE TO BE PROVIDED BY MECHANICAL AND WIRED UP BY ELECTRICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- ALL EXPOSED PIPING IS TO BE INSULATED AND WEATHERPROOFED. SEE SPEC SECTION 15080.
- ALL INVERT ELEVATIONS SHOWN ON PLANS ARE BASED OFF OF FINISHED FLOOR ELEVATION AT 100.0'. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL AND CIVIL DRAWINGS FOR EXACT INVERT ELEVATIONS OF ALL LEVELS.
- ALL FLOOR DRAINS / FLOOR SINKS THROUGH-OUT THE ENTIRE BUILDING ARE TO HAVE TRAP SEAL PRIMER VALVES PROVIDED / INSTALL BY PLUMBING CONTRACTOR. TRAP GUARDS MAY ALSO BE USED WHERE ALLOWED BY THE LOCAL JURISDICTION.
- ALL GAS METER REGULATORS ARE TO BE VENTED TO THE OUTSIDE OF THE BUILDING BY THE MECHANICAL CONTRACTOR OR PROVIDE / INSTALL VENTLESS REGULATORS IF ALLOWED BY THE LOCAL JURISDICTION. NONE OF THE VENT PIPING OFF THE REGULATORS ARE SHOWN ON THE PLANS FOR CLARITY.
- ALL FIRE DAMPERS SHOWN ON PLANS SHALL COMPLY WITH THE REQUIREMENTS OF UL 555. ALL SMOKE DAMPERS SHOWN ON PLANS SHALL COMPLY WITH UL 555. ALL COMBINATION FIRE / SMOKE DAMPERS SHOWN ON PLANS ARE TO COMPLY WITH BOTH UL 555 AND UL 555S. FOR ALL FIRE DAMPERS CONTRACTOR IS TO PROVIDE / INSTALL "NCA MODEL FD-6" OR EQUAL, TO MEET STANDARD UL 555 RATING. FOR ALL SMOKE DAMPERS AND COMBINATION FIRE SMOKE DAMPERS CONTRACTOR IS TO PROVIDE / INSTALL "NCA MODEL FSD-3V-21" OR EQUAL, TO MEET STANDARD UL 555 AND UL 555S RATINGS.
- THE MECHANICAL CONTRACTOR IS TO HAVE THE MANUFACTURERS INSTALLATION INSTRUCTIONS FOR EACH TYPE OF FIRE DAMPER, SMOKE DAMPER, AND COMBO FIRE / SMOKE DAMPERS ON THE JOB SITE AT TIME OF INSPECTIONS.
- ALL DUCTWORK THAT IS LOCATED IN UNCONDITIONED SPACES MEANING EXPOSED TO THE OUTSIDE OR IN ATTICS IS TO HAVE MIN. OF R-8 INSULATION INSTALLED.
- ALL T-STATS MUST BE MOUNTED AT 48" A.F.F. TO THE TOP OF THE STAT AND TO HAVE FULL DIGITAL DISPLAY READOUT OF CURRENT TEMPERATURE AND TEMPERATURE SET POINTS.
- ALL DUCT ELBOWS ARE TO BE PROVIDED / INSTALLED WITH RADIUS ELBOWS. ANY ALTERATIONS OR CHANGES IN DUCTWORK FROM WHAT IS SHOWN ON THE PLANS MUST BE PRE-APPROVED BY THE ENGINEER IN WRITING PRIOR TO ORDERING, FABRICATION, OR INSTALLATION.
- ALL EXTERIOR WALL VENTS, GRILLES, OR PIPING IS TO BE PAINTED BY THE GENERAL CONTRACTOR TO MATCH THE ADJACENT SURFACE.
- ALL DUCTWORK IS TO BE COMPLETELY SEALED USING DESIGN POLYMERS DPO10 DUCT SEALER OR APPROVED EQUAL.
- CONTRACTORS TO COMPLY WITH MANUFACTURERS INSTRUCTIONS, INCLUDING EACH STEP IN SEQUENCE. WHEN MANUFACTURERS INSTRUCTIONS CONFLICT WITH CONTRACT DOCUMENTS, REQUEST CLARIFICATION FORM ARCHITECT/ENGINEER BEFORE PROCEEDING WITH ANY WORK. IF THIS IS NOT DONE, ITS THE CONTRACTORS FULL RESPONSIBILITY TO COVER ALL COSTS.

CODES AND STANDARDS (UTAH)
PLUMBING: 2018 IPC
MECHANICAL: 2018 IMC
ENERGY: 2018 IECC
ELEVATION: 4500'



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PLUMBING FIXTURE CONNECTION SCHEDULE						
PLAN CODE	DESCRIPTION	CONNECTION SIZE				SPECIFICATIONS
		COLD WATER	HOT WATER	WASTE	VENT	
S-1	HAND SINK	1/2"	1/2"	3"	1 1/2"	SINK: AMERICAN STANDARD PORTSMOUTH 18S86186008.075 SINGLE BOWL STAINLESS STEEL FAUCET: AMERICAN STANDARD COLONY PRO 7074550.002 PROVIDE SAFETY COVERS FOR ALL EXPOSED PIPING & A THERMOSTATIC MIXING VALVE
FD-1	FLOOR DRAIN	N/A	N/A	SEE PLANS	N/A	J. R. SMITH 2005 W/ A05NB NICKEL/BRONZE STRAINER * PROVIDE WITH MIFAB TRAP PRIMER.

* NOTE: ALL PLUMBING FIXTURES ARE TO HAVE TURN STOPS INSTALLED (NO EXCEPTIONS TAKEN). ALL PLUMBING FIXTURES THAT HAVE EXPOSED SUPPLY LINES (E. WATER CLOSETS, WALL HUNG LAVS, ETC). CONTRACTOR IS TO PROVIDE / INSTALL STAINLESS STEEL BRAIDED HOSES. IF THE SUPPLY LINES ARE NOT EXPOSED (HIDDEN BELOW CASEWORK ETC), THEY CAN BE PLASTIC, RIGID, OR STAINLESS STEEL BRAIDED.
* COORDINATE ALL FIXTURE FINISHES WITH ARCHITECT AND INTERIOR DESIGNER PRIOR TO ORDERING.
* NOTE: NOT ALL FIXTURES MAY BE USED. SEE DRAWINGS FOR ALL PLUMBING FIXTURES AND CALLOUTS.

DIFFUSERS & GRILLE SCHEDULE							GRILLE NUMBER	GRILLE CFM	REMARKS
PLAN CODE	TYPE & DUTY	NECK SIZE	CEILING TYPE	N.C. LEVEL MAX	MAX. CFM	MANUFACTURER & MODEL NO.			
1	12" X 12" PERF. EXHAUST	SEE PLANS	SEE PLANS	20	244	PRICE PDR SERIES 8"/12"X12"/APDDR/1/B12	PROVIDE ROUND DUCT CONNECTION AND OBD WHERE APPLICABLE PROVIDE OFF WHITE FINISH UNLESS OTHERWISE SPECIFIED BY OWNER		
2	24" X 12" PERF. RETURN	22" X 10"	SEE PLANS	20	917	PRICE PDR SERIES 10"X22"/12"X24"/PDR/1/B12	PROVIDE ROUND DUCT CONNECTION AND OBD WHERE APPLICABLE PROVIDE OFF WHITE FINISH UNLESS OTHERWISE SPECIFIED BY OWNER		
3	24" X 24" PERF. RETURN	22" X 22"	SEE PLANS	26	2353	PRICE PDR SERIES 10" X 22"/12"X24"/PDR/1/B12	PROVIDE ROUND DUCT CONNECTION AND OBD WHERE APPLICABLE PROVIDE OFF WHITE FINISH UNLESS OTHERWISE SPECIFIED BY OWNER		
4	12" X 12" SQ. SUPPLY	6" X 6" 6"- OR 8"-	SEE PLANS	31	200	PRICE SMD SERIES 6"X6"/12"X12"/SMD/3P/4A/B12	PROVIDE W/ SQUARE TO ROUND ADAPTER AND OBD WHERE APPLICABLE PROVIDE OFF WHITE FINISH UNLESS OTHERWISE SPECIFIED BY OWNER		
5	24" X 24" SQ. SUPPLY 3 SLOT	9" X 9" 8"-	SEE PLANS	29	279	PRICE SMD SERIES 8"/24"X24"/SMD/3P/4A/B12	PROVIDE W/ SQUARE TO ROUND ADAPTER AND OBD WHERE APPLICABLE PROVIDE OFF WHITE FINISH UNLESS OTHERWISE SPECIFIED BY OWNER		
6	24" X 24" SQ. SUPPLY 3 SLOT	12" X 12" 10"-	SEE PLANS	28	382	PRICE SMD SERIES 10"/24"X24"/SMD/3P/4A/B12	PROVIDE W/ SQUARE TO ROUND ADAPTER AND OBD WHERE APPLICABLE PROVIDE OFF WHITE FINISH UNLESS OTHERWISE SPECIFIED BY OWNER		

* NOTE: NOT ALL GRILLES MAY BE USED

OUTSIDE AIR BALANCING SCHEDULE			
PLAN CODE	AREA SERVED	BALANCE CFM	COMMENTS
HP-1	NEW HEAT PUMP	120	OA TO BE PROVIDED VIA DUCT THROUGH ROOF.

OUTSIDE AIR CALS				
	RECEPTION (000 S.F.)	NURSING STATION (375 S.F.)	OFFICE (040 S.F.)	
#/1000 S.F.	30 = 9 PPL	5 = 2 PPL	5 = 2 PPL	
CFM/PERSON	5 = 45 CFM	5 = 10 CFM	5 = 10 CFM	
CFM/S.F.	0.06 = 18 CFM	0.06 = 22 CFM	0.06 = 15 CFM	
TOTAL CFM	63 CFM	32 CFM	25 CFM	= 120 CFM

HEAT PUMP HP-1																			
PLAN CODE	AREA SERVED	NOMINAL TONS	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	COMPRESSOR		VOLTAGE & PHASE	MCA FLA	MOC ²	CFM SUPPLY (TOTAL)	BLOWER		CONTROL	DIMENSIONS (IN)	UNIT WEIGHT (LBS)	MANUFACTURER & MODEL NO.	REMARKS		
					NO.	TYPE					CFM	ISP WATTS						W.	H.
HP-1	NURSE STATION	3.0 DUCTED	36.0 TOTAL	24.2 TOTAL	1	RECIP	208 1-	3.3 2.64	-	847-1201	1000	0.4	244	WALL THERMOSTAT	55.1"	9.8"	28.8"	86.0	MITSUBISHI TPEADA0361AA70A * 5/8" VAPOR, 3/8" LIQUID * PROVIDE TXV CONTROL

* INDOOR UNIT HP-1 IS POWERED BY OUTDOOR UNIT RCU-1.
* PIPE COPPER CONDENSATE TO SERVICE SINK.

REMOTE CONDENSING UNIT RCU-															* NOTE: UNITS ARE TO BE 'ETL' LISTED.				
PLAN CODE	SYSTEM SERVED	WEIGHT (LBS)	COND. FAN (CFM)	TOTAL COOLING CAPACITY (MBH)	SENS. COOLING CAPACITY (MBH)	ENTERING AIR (F)	SPEED (RPM) / SINGLE	MIN. SEER RATING	MCA (AMP)	MOC ² (AMP)	VOLT/PH	FAN HP	LINE SET SIZES UP TO 50 L.F.		UNIT DIMENSIONS			MANUFACTURER & MODEL NO.	ACCESSORIES
													LIQUID LINE	SUCTION LINE	W (IN)	D (IN)	H (IN)		
RCU-1	HP-1	214	3880	36.0	N/A	-1 - 115	VARI	19.1	25.0	31.0	208 / 1-	0.1	3/8"	5/8"	41.4"	17.7"	52.7"	MITSUBISHI TRUZA0361KA70A	PROVIDE UNIT WITH LIQUID LINE SITE GLASS, FILTER DRIER, TXV KIT, WIND Baffle AND CRANKCASE HEATER.

* ALL REFRIGERATION PIPING TO BE INSTALLED WITH HARD DRAWN TYPE "L" COPPER TUBING
* ALL SUCTION PIPING SHALL BE INSULATED WITH ARMAFLEX INSULATION AND SEALED WITH ARMAFLEX GLUE. NO TAPE WILL BE ALLOWED!
* UNIZE REFRIGERANT LINE SETS IF PIPING LENGTH EXCEEDS 169'

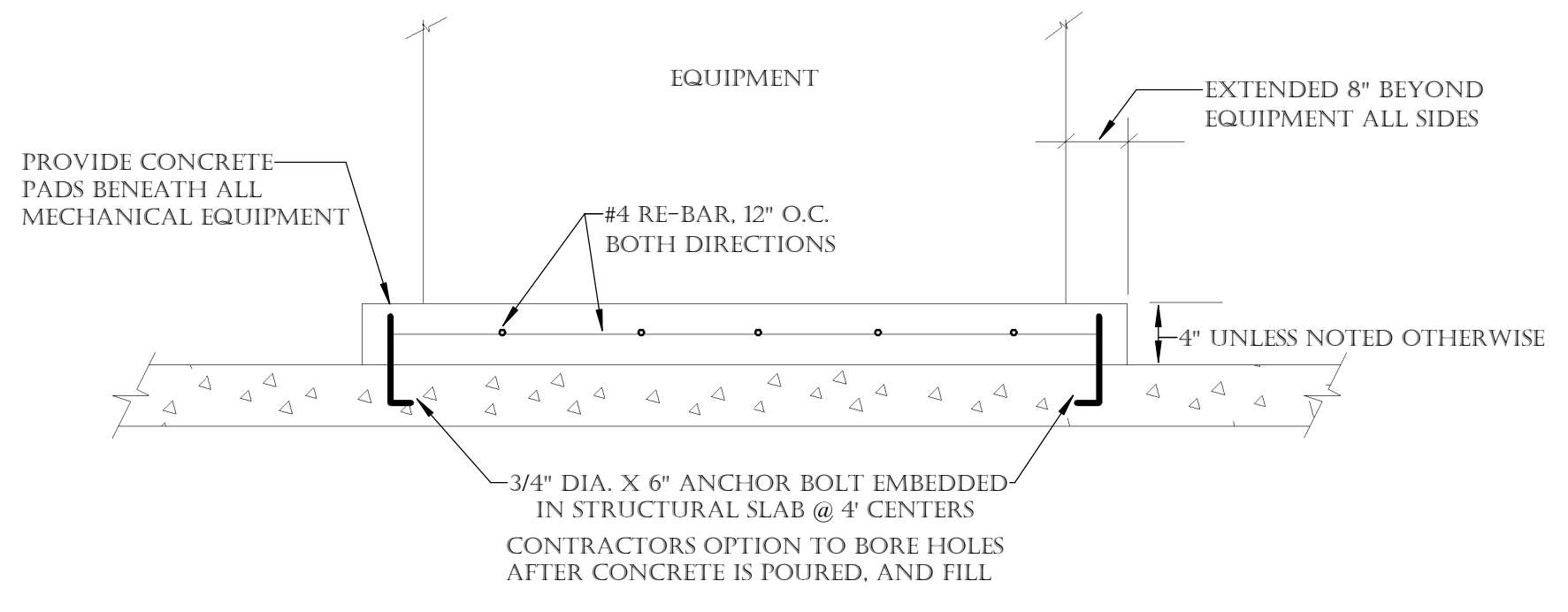
Northpointe Medical Park
Building B, Level 2, Suite 203
TI for Sunset Counseling

2371 NORTH 400 EAST
TOOELE, UTAH, 84074

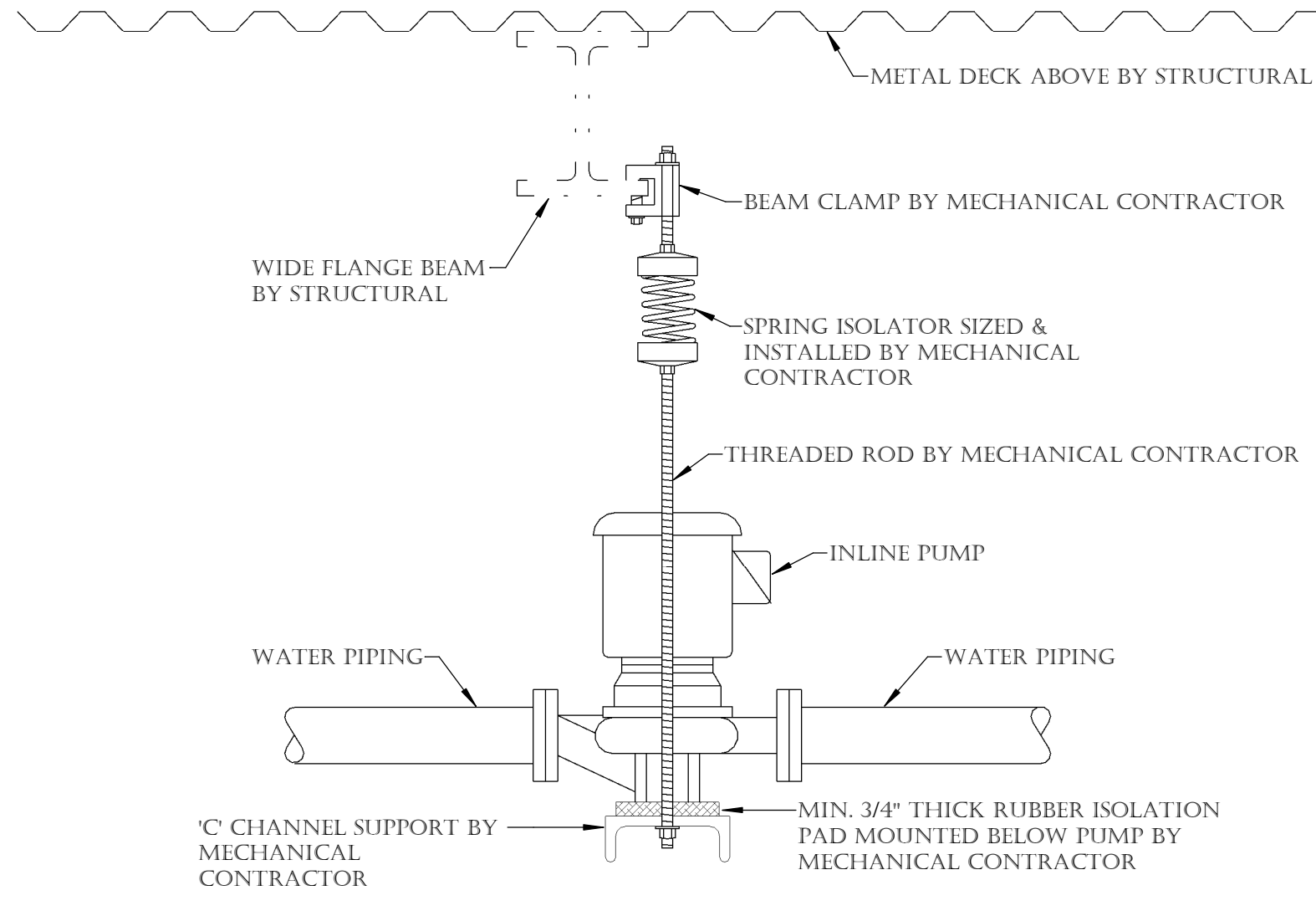
NJRA Project # PVE 14152.00
Project Status February 11, 2022

Mechanical & Plumbing Schedule Sheet

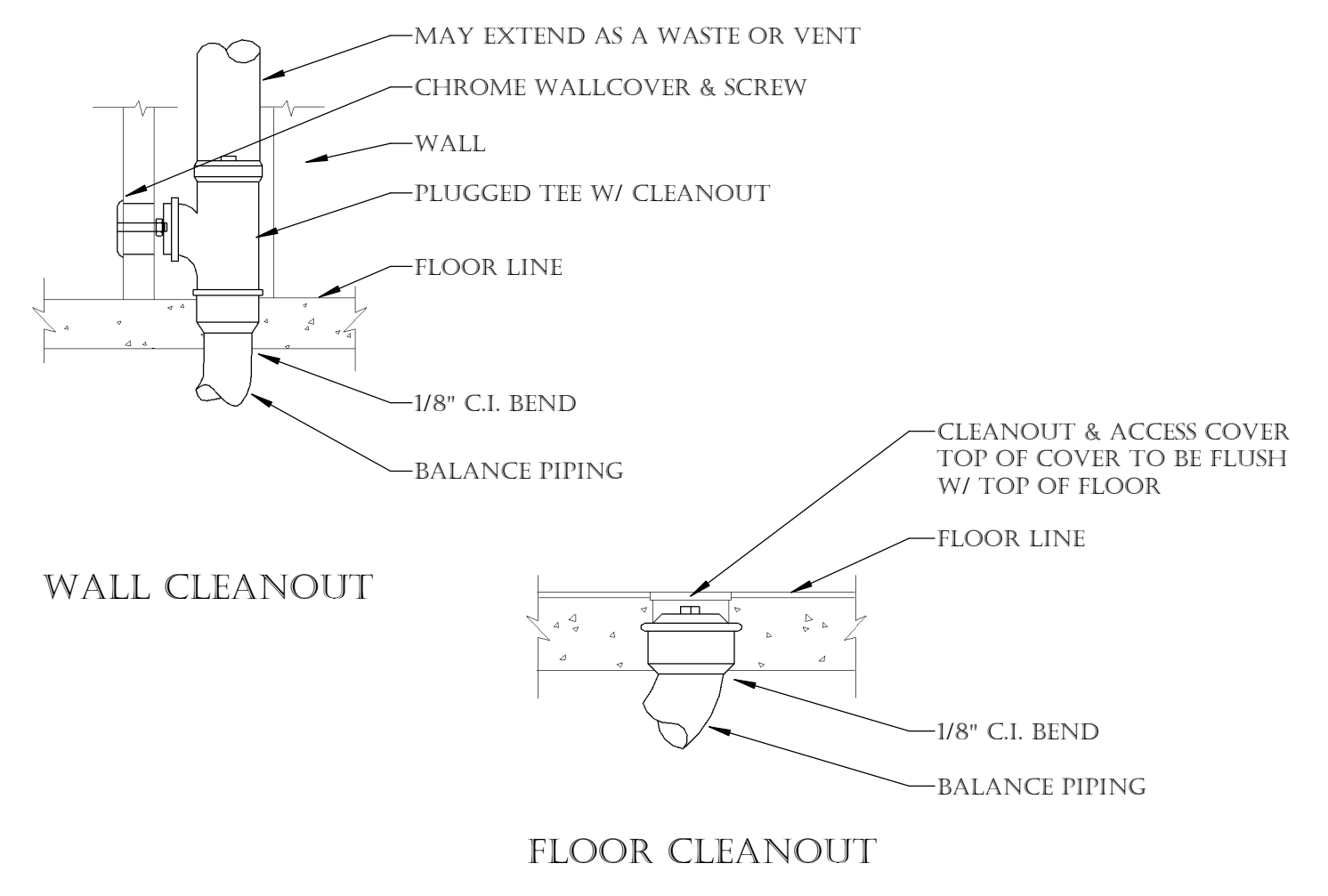
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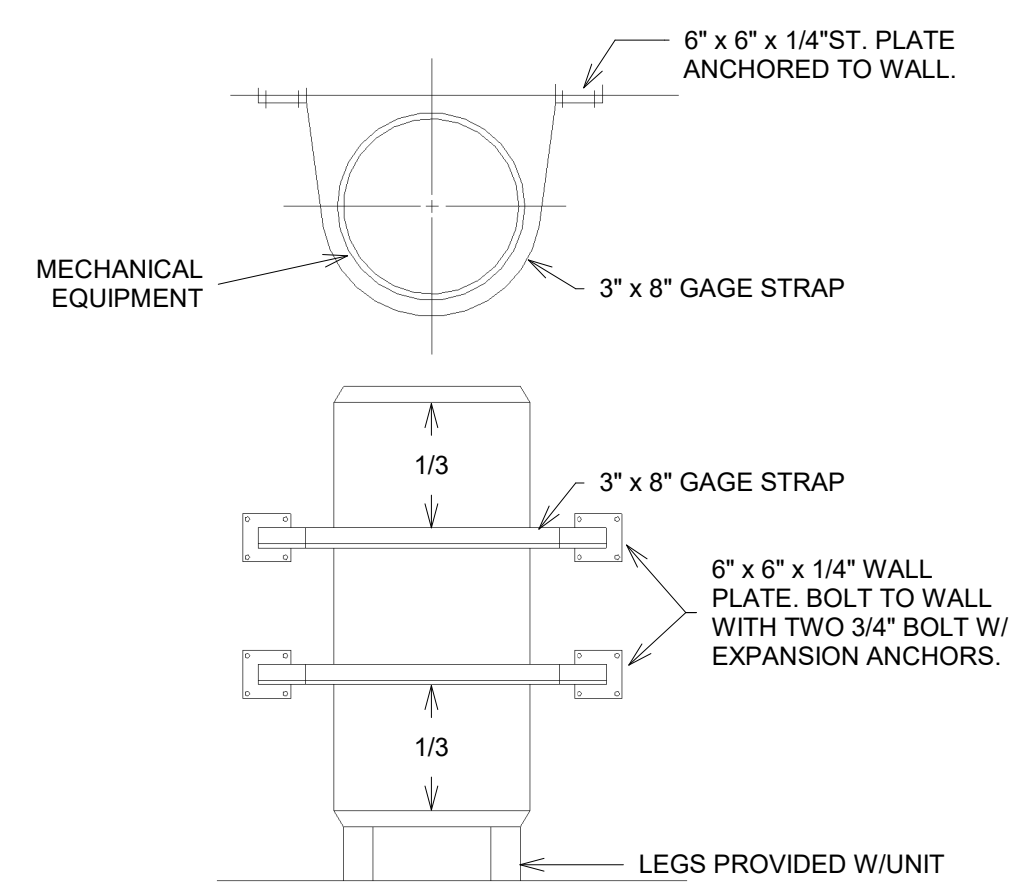
9 HOUSEKEEPING PAD DETAIL
MP6.1



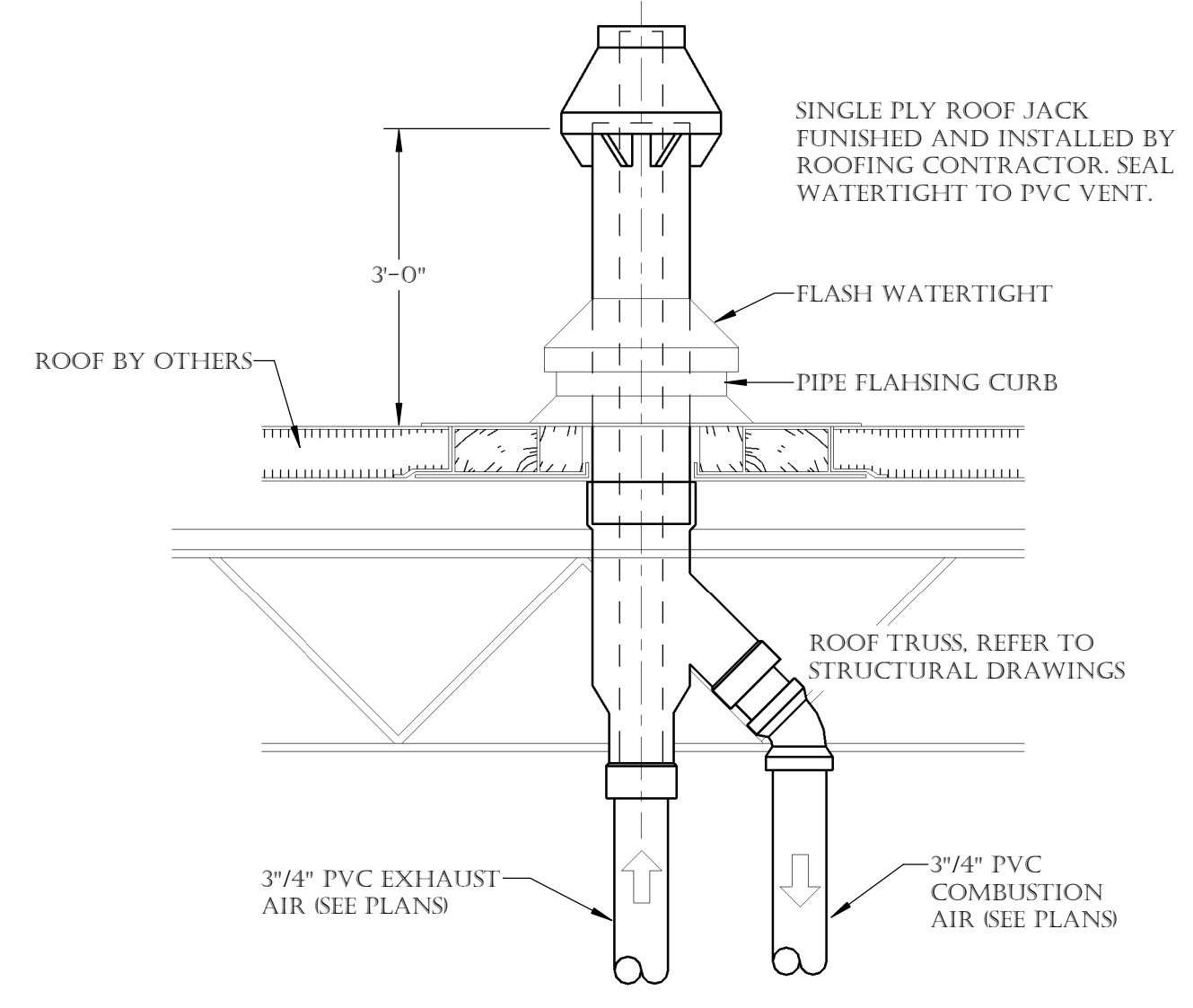
4 IN-LINE PUMP SUPPORT DETAIL
MP6.1



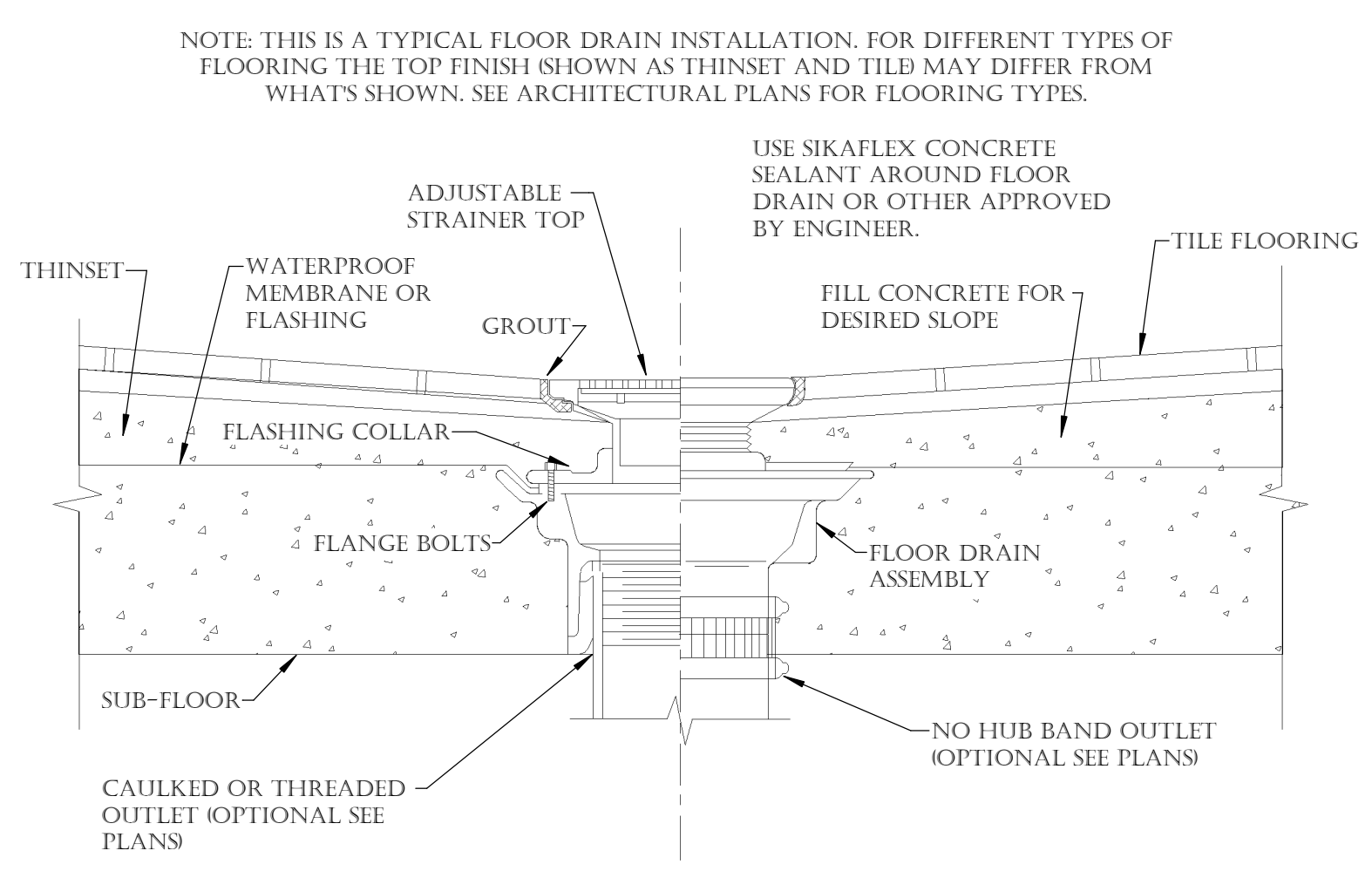
1 CLEANOUT DETAIL
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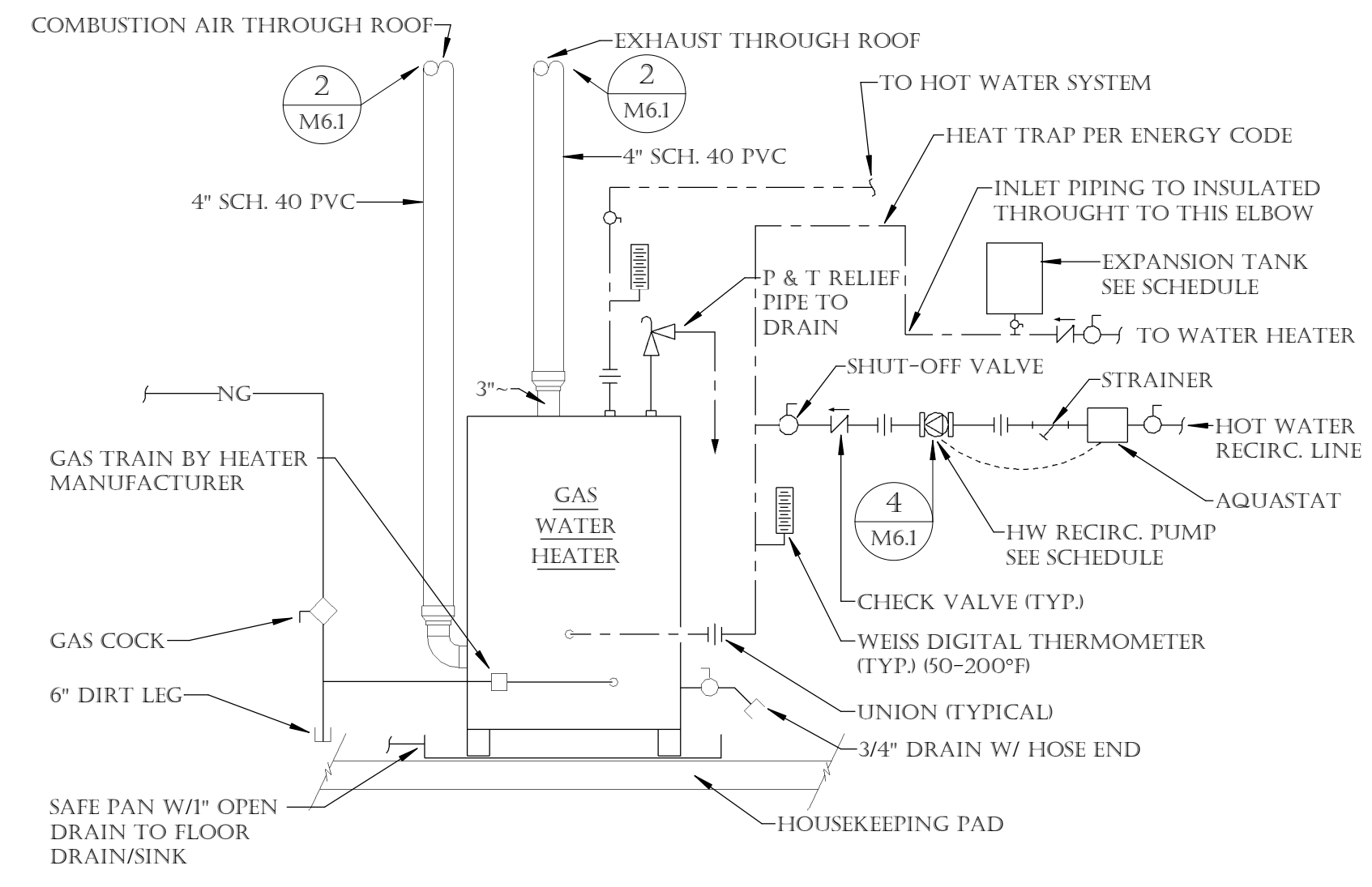
5 WATER HEATER SEISMIC RESTRAINT DETAIL
MP6.1



2 CONCENTRIC VENT PIPING DETAIL
MP6.1



7 TYPICAL FLOOR DRAIN / SINK DETAIL
MP6.1



3 HIGH EFF. GAS WATER HEATER PIPING DETAIL
MP6.1

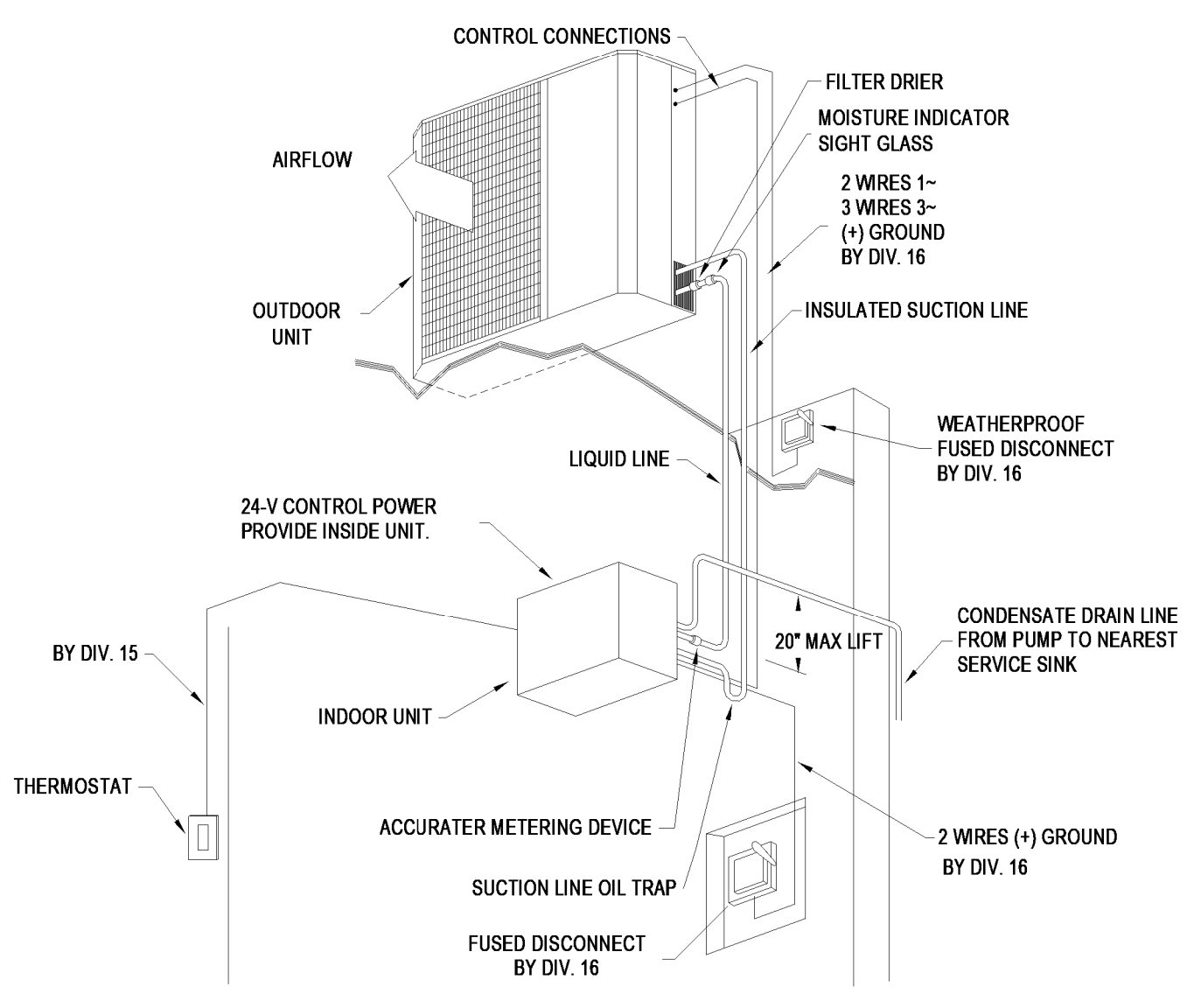
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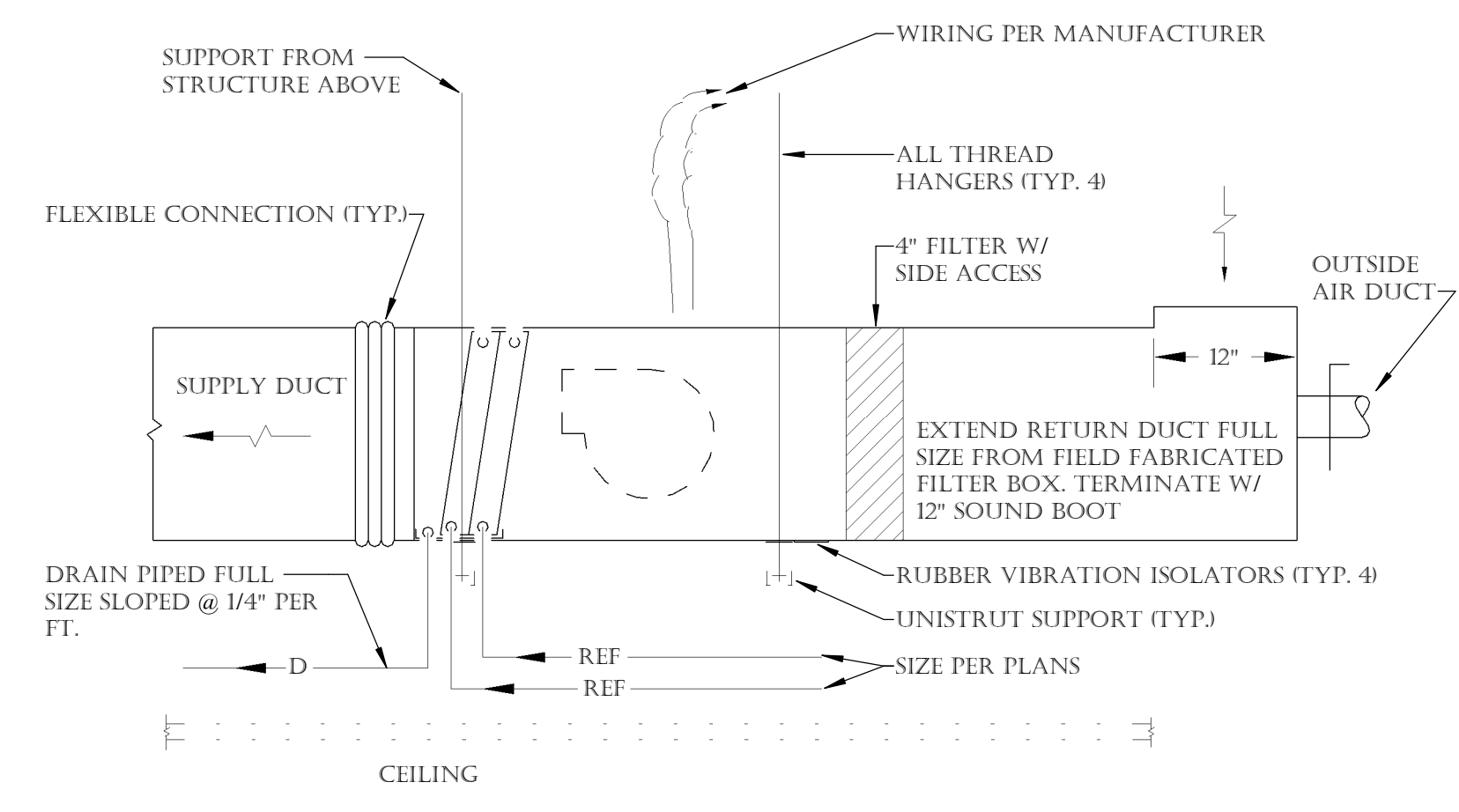
NJRA Project # PVE 14152.00
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Mechanical & Plumbing
Details

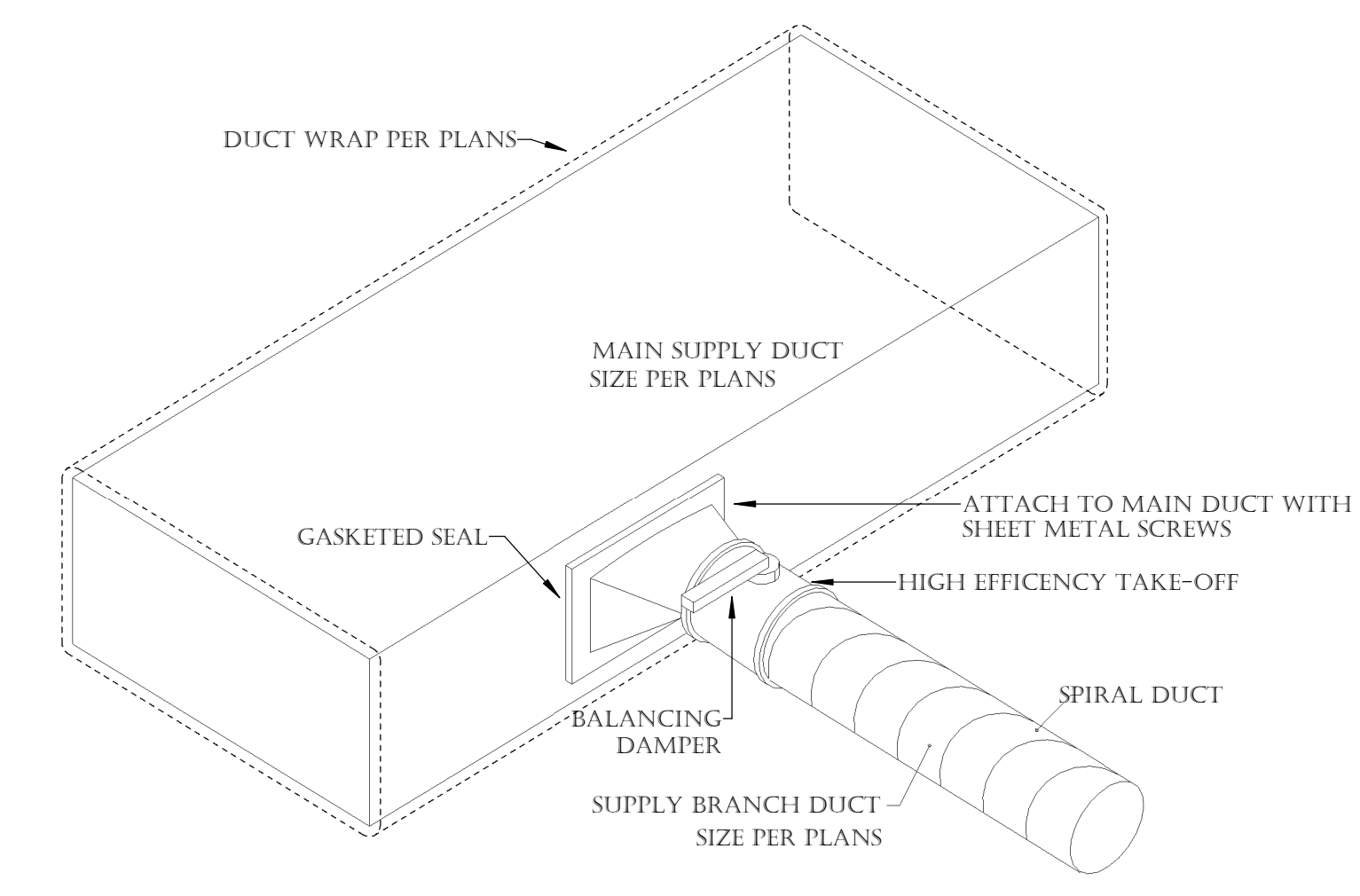
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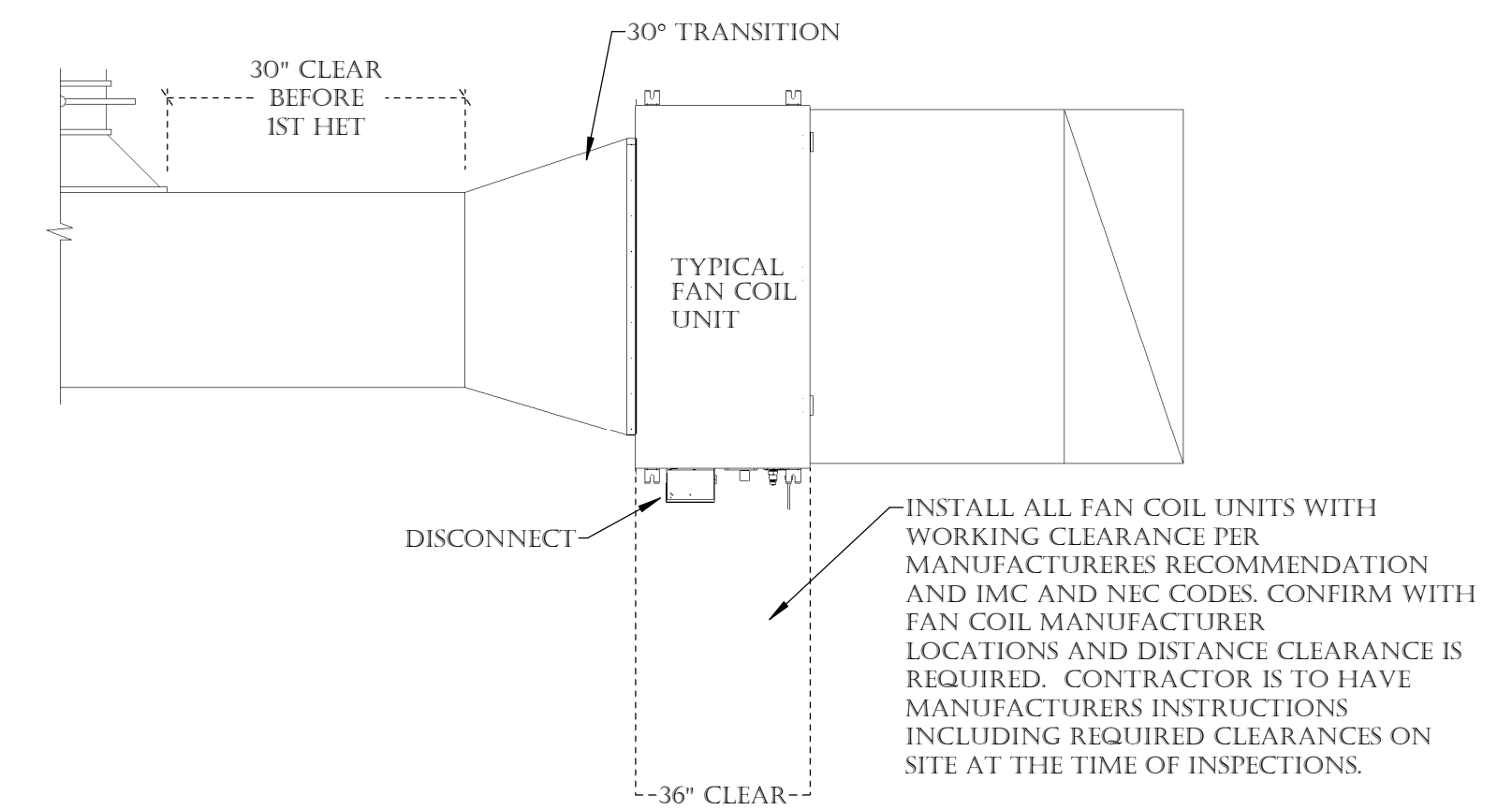
7 VRF IDU-ODU INSTALLATION DETAIL
MP6.2



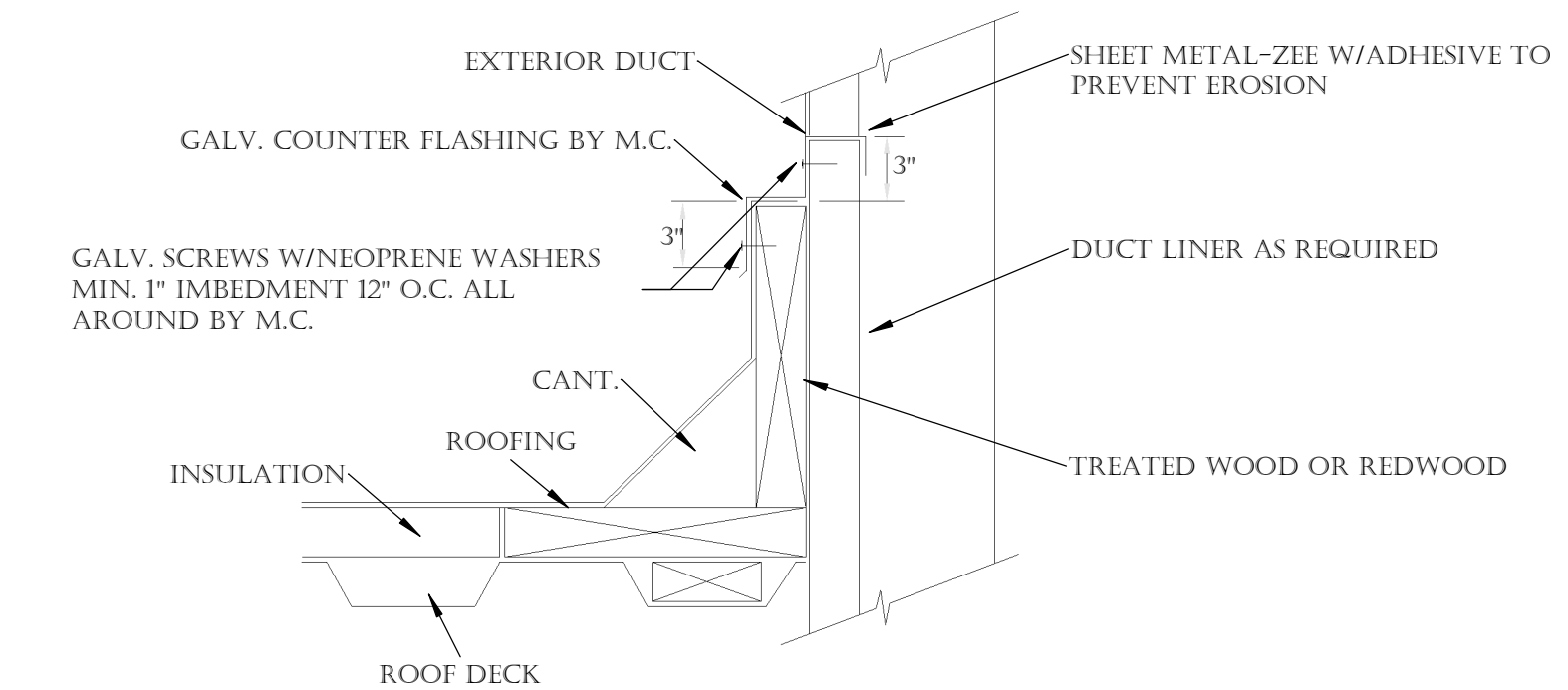
4 VRF FAN COIL INSTALLATION DETAIL
MP6.2



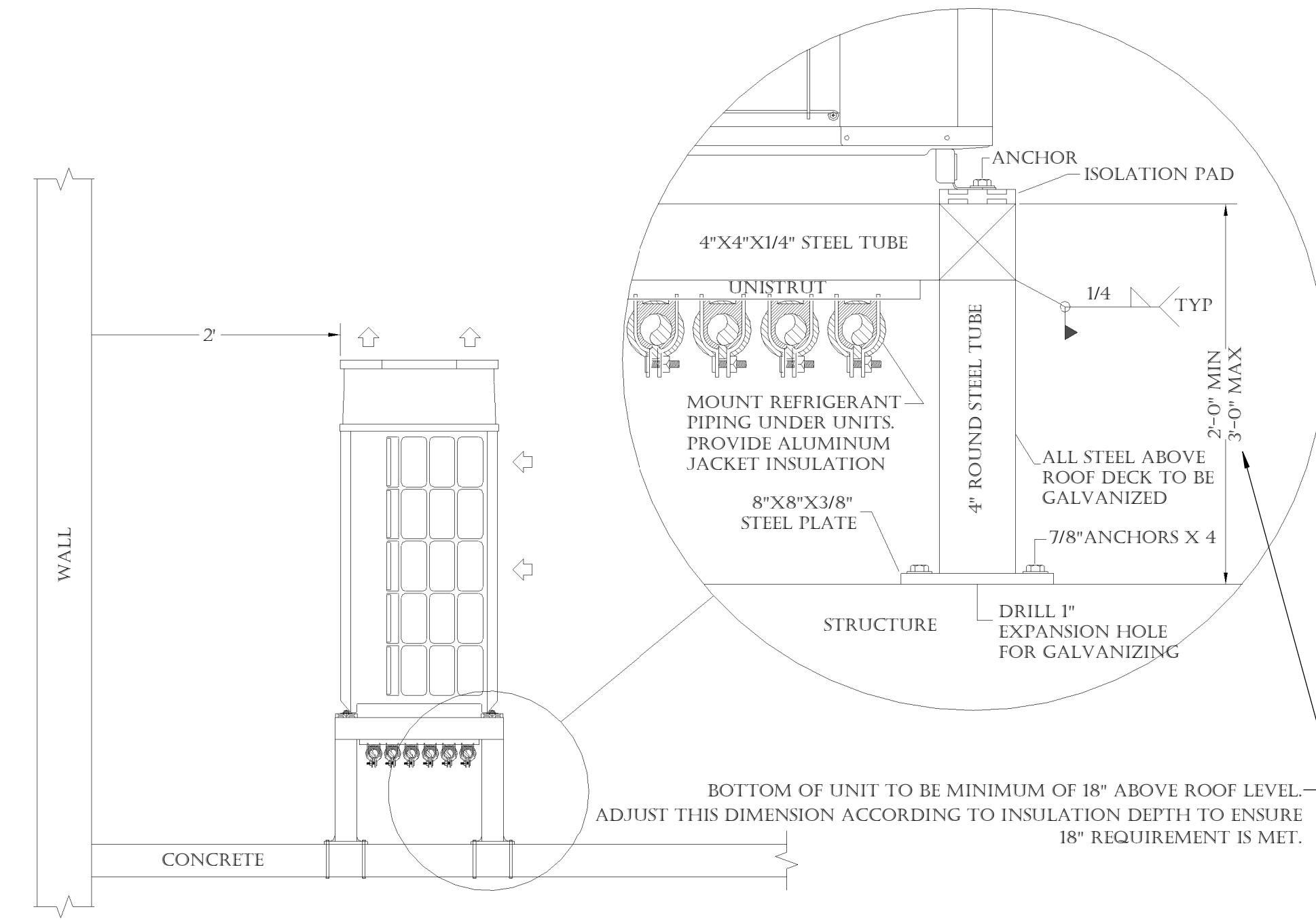
1 HIGH EFFICIENCY DUCT TAKEOFF DETAIL SQUARE
MP6.2



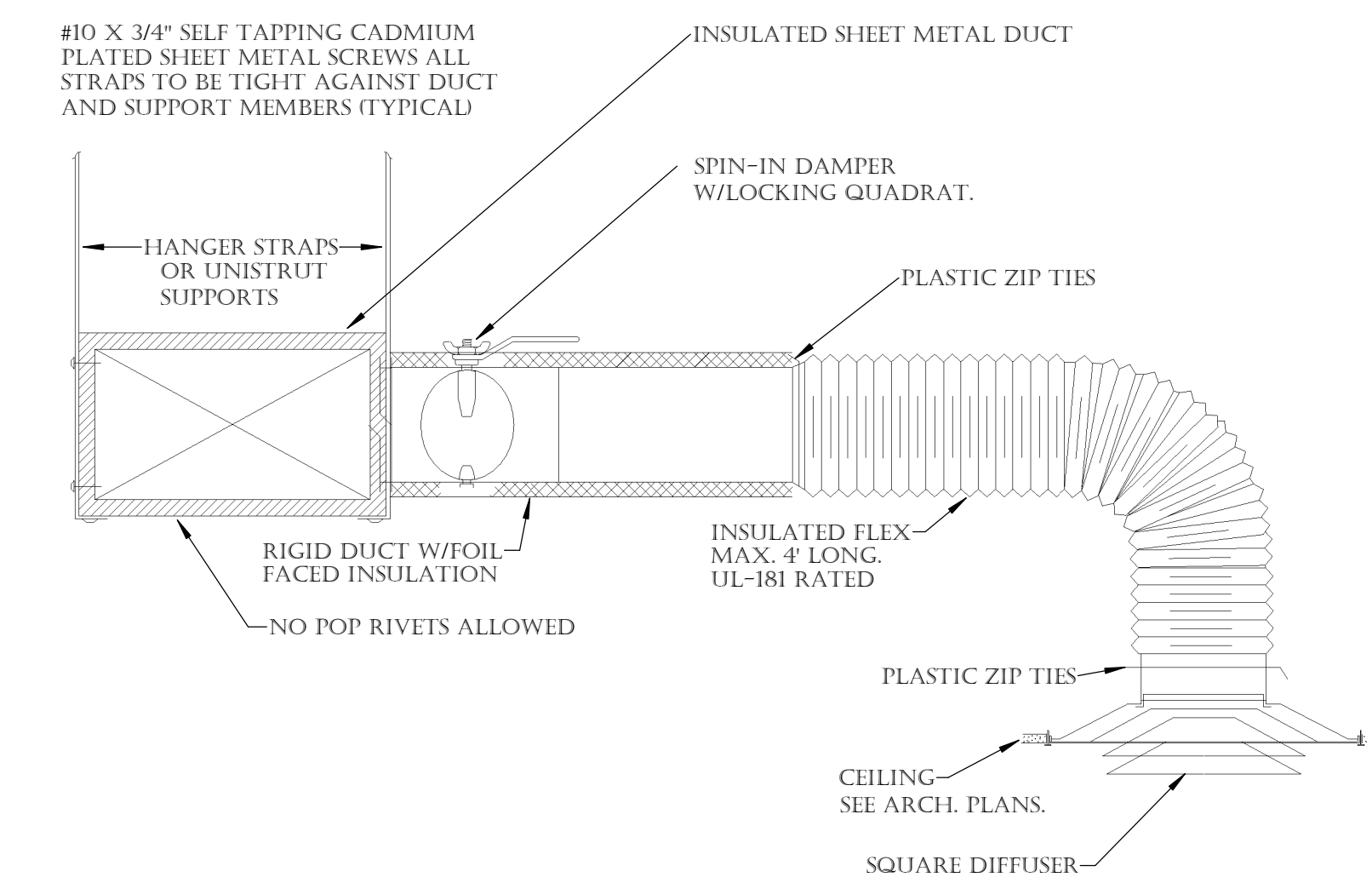
5 FAN COIL CLEARANCE DETAIL
MP6.2



2 DUCT ROOF PENETRATION DETAIL
MP6.2

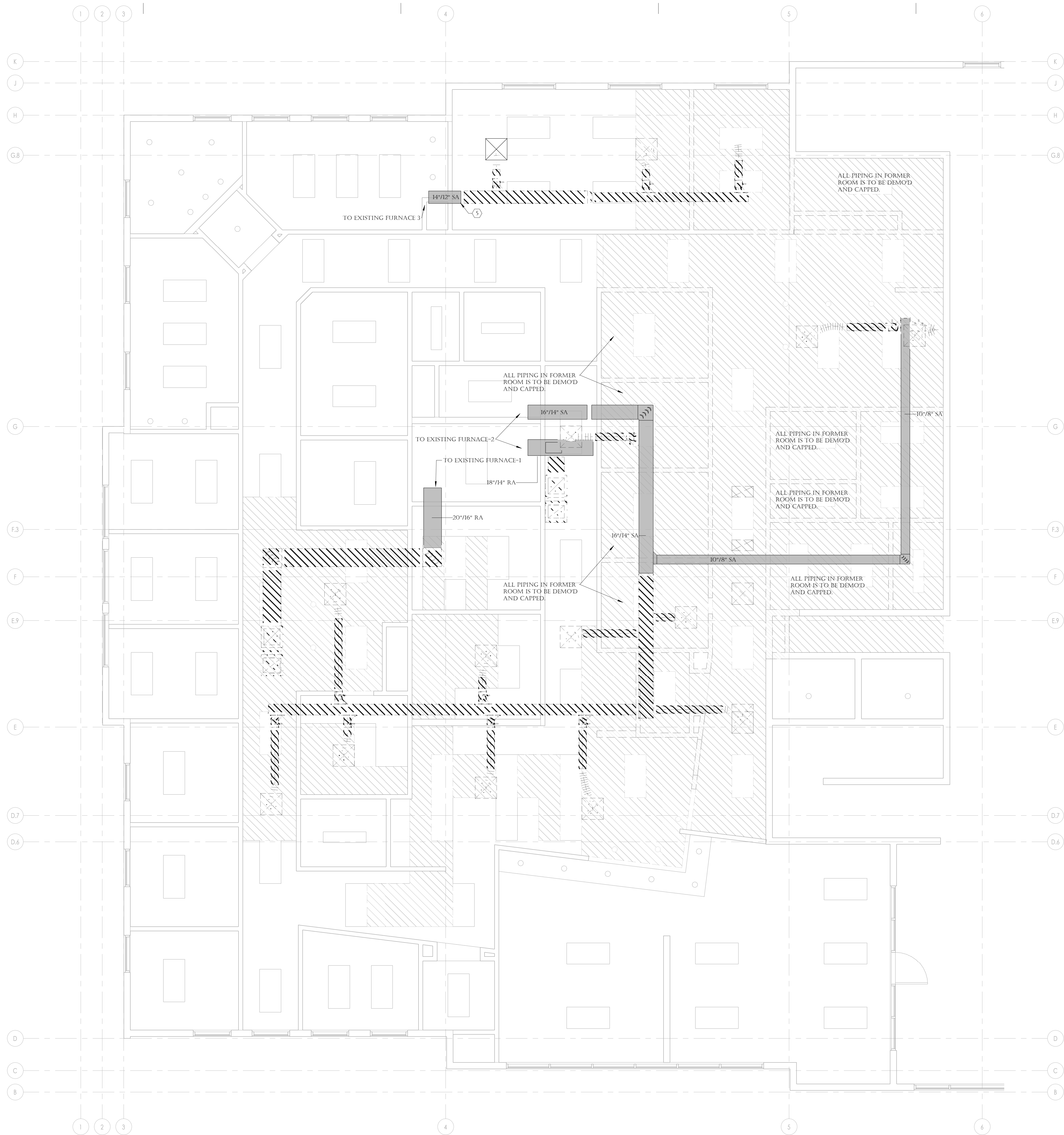


6 TYPICAL OUTDOOR UNIT DETAIL
MP6.2

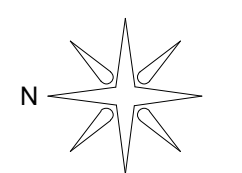


3 DIFFUSER MOUNTING DETAIL (SQUARE)
MP6.2

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1 LEVEL 2 DEMO PLAN
 M1.0 SCALE: 1/4" = 1'-0"



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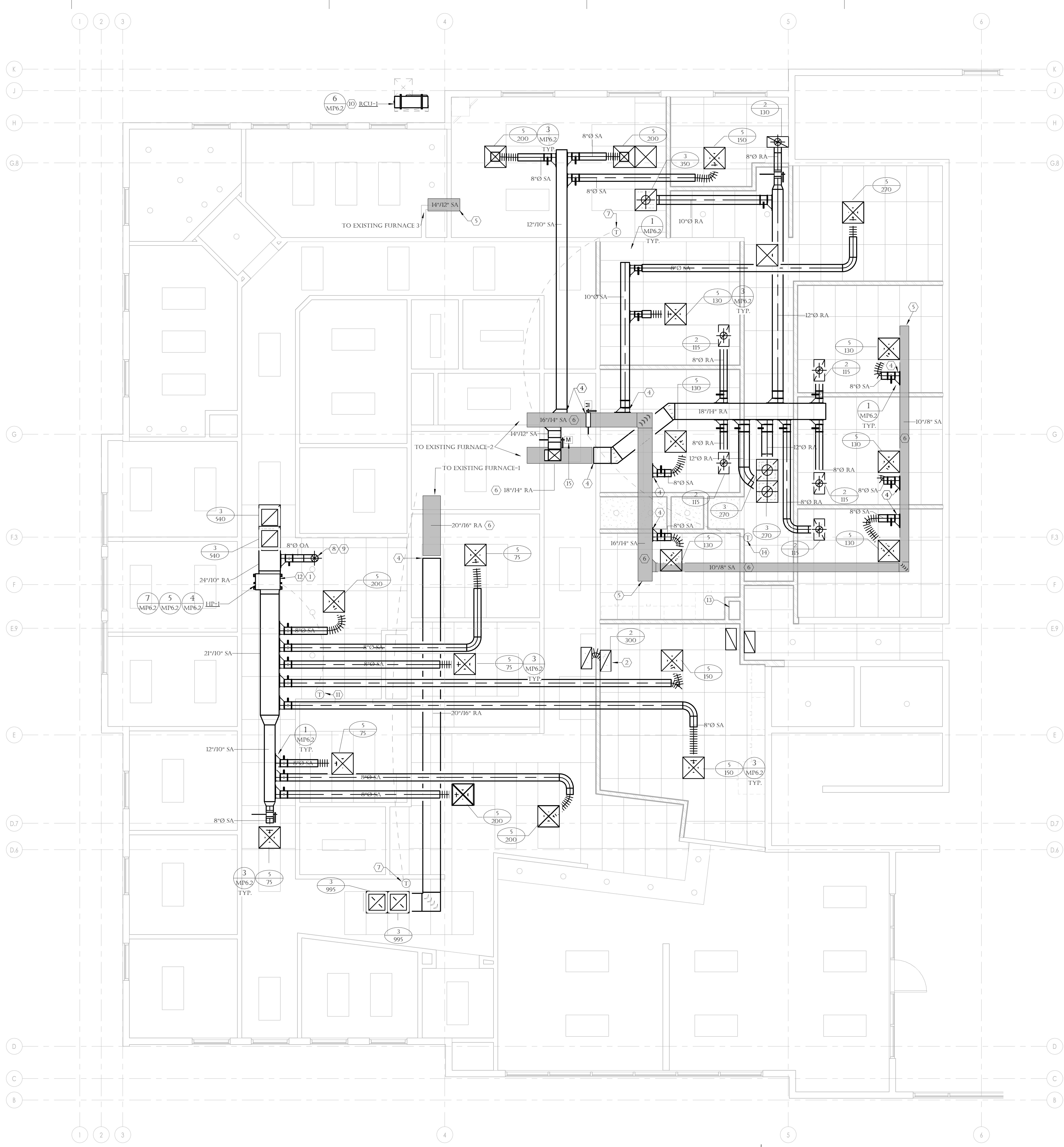
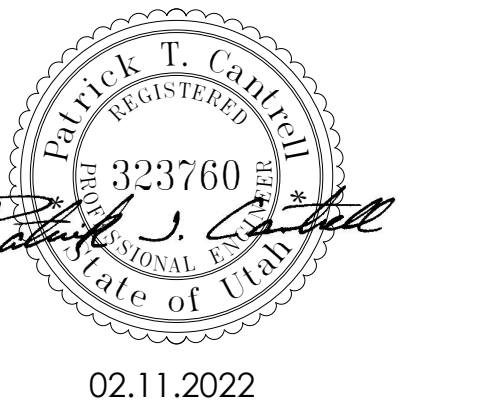
Northpointe Medical Park
 Building B, Level 2, Suite 203
 TI for Sunset Counseling

2371 NORTH 400 EAST
 TOOELE, UTAH, 84074

NJRA Project # PVE 14152.00
 Project Status February 11, 2022

DEMO Plan

M1.0



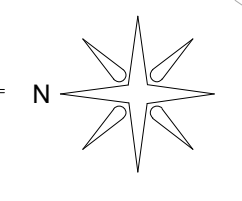
KEYNOTES

- 1 CONTRACTOR TO ROUTE REFRIGERANT PIPING TO RCU ON THE EXTERIOR GROUND LEVEL. COORDINATE ROUTING OF ALL PIPING WITH ALL OTHER TRADES AND TAKE THE SHORTEST ROUTES POSSIBLE. PIPING IS NOT SHOWN FOR CLARITY AND ITS THE CONTRACTORS RESPONSIBILITY TO COORDINATE THE INSTALLATION IN THE FIELD.
- 2 TRANSFER AIR GRILLS TO BE HARD DUCTED ALLOWING NO PLENUM RETURN.
- 3 CONTRACTOR TO TIE OUTSIDE AIR DUCT INTO FAN COILS RETURN AIR DUCT AND BALANCE PER THE OUTSIDE AIRFLOW CFM SHOWN ON THE SCHEDULE SHEET MP6.2.
- 4 CONNECT TO EXISTING DUCTWORK, FIELD COORDINATE EXACT LOCATION.
- 5 CAP AND DEMO ALL EXISTING DUCTWORK/DIFFUSERS DOWNSTREAM OF CAP.
- 6 EXISTING DUCTWORK.
- 7 RELOCATE THERMOSTAT AND REPLACE EXISTING THERMOSTAT WITH A GOOGLE NEST SMART THERMOSTAT. CONTRACTOR RESPONSIBLE FOR INSTALLATION AND PROGRAMMING OF DEVICE. INSTALL 48" AFF. & FINAL LOCATION TO BE DETERMINED BY OWNER.
- 8 OUTSIDE AIR DUCT TO BE INSULATED WHILE LOCATED IN CONDITIONED AREAS TO PREVENT CONDENSATE DRIP.
- 9 RUN OA DUCT THROUGH ROOF AND TERMINATE WITH RAIN CAP. OBTAIN OWNER APPROVED TERMINATION AND BALANCE TO 120 CFM PER SCHEDULE.
- 10 REFRIGERANT PIPING TO BE ROUTED THE SHORTEST DISTANCE FROM RCU-1 TO HP-1. CONTRACTOR TO ROUTE PIPING PER MANUFACTURERS RECOMMENDATIONS. FINAL RCU LOCATION TO BE DETERMINED BY OWNER.
- 11 NEW THERMOSTAT TO BE INSTALLED 48" AFF. FINAL LOCATION TO BE DETERMINED BY OWNER.
- 12 ROUTE DRAIN PIPING FROM HP-1 TO THE NEAREST FLOOR DRAIN. TERMINATE WITH A 1" AIR GAP. CONTRACTOR NOT TO EXCEED MANUFACTURERS REQUIREMENTS FOR PIPING LENGTH/HEIGHT.
- 13 ANY AND ALL VENTS OR EXHAUST DUCTWORK PREVIOUSLY LOCATED IN MECHANICAL SHAFT TO BE ROUTED IN THE CEILING OF FLOOR 1 OVER TO THE NEW MECHANICAL SHAFT.
- 14 THERMOSTAT TO ONLY CONTROL MOTORIZED DAMPER. MASTER THERMOSTAT LOCATED ON WEST EXPOSURE AS SHOWN.
- 15 BYPASS MOTORIZED DAMPER TO BE INTERLOCKED WITH THERMOSTATIC MOTORIZED DAMPER. DAMPERS SHOULD BE OPPOSING SUCH THAT THEY OPEN AND CLOSE OPPOSITE EACH OTHER.

GENERAL NOTES

- A ALL FIRE SMOKE DAMPERS ARE TO BE 120V AND ARE TO BE CONTROLLED BY FIRE ALARM CONTRACTOR AND INTERLOCKED WITH FIRE SYSTEM. DAMPERS TO BE UL LISTED TO MEET OR EXCEED THE RATING OF THE WALLS.
- B CONTRACTOR IS TO PROVIDE / INSTALL ALL DUCTWORK AS HIGH UP AS POSSIBLE AND TIGHT TO BOTTOM OF BEAMS / JOISTS.
- C CONTROLS CONTRACTOR TO COORDINATE FINAL LOCATIONS OF ALL T-STATS WITH OWNER / ARCHITECT PRIOR TO ANY INSTALLATION.
- D ALL DUCT ELBOWS ARE TO BE RADIUS ELBOWS WHERE EVER POSSIBLE TO INSTALL. IF SPACE CONSTRAINTS DOWN ALLOW FOR THEM TO BE INSTALLED, RADIUS HELL ELBOWS ARE TO BE USED. NO EXCEPTIONS TAKEN.
- E ALL DUCT TAKE-OFFS ARE TO BE HIGH EFFICIENCY TAKE-OFFS (HETS) NO EXCEPTIONS TAKEN.
- F CONTRACTOR TO PROVIDE / INSTALL ACCESS PANELS FOR ALL EQUIPMENT, DAMPERS, ETC. LOCATED ABOVE HARD LID CEILINGS AS REQUIRED.
- G ALL FAN COIL UNITS IN THE SHELL SPACES ARE TO BE PROVIDED / INSTALLED AS HIGH UP AS POSSIBLE. ROUTE CONDENSATE DRAINS FROM ALL UNITS TO THE NEAREST FLOOR DRAIN OR INDIRECT DRAIN BELOW SINKS. PROVIDE CONDENSATE PUMPS AS REQUIRED. CONTRACTOR TO FIELD COORDINATE THE ROUTING OF ALL DRAIN PIPING.
- H EXISTING DIFFUSERS ARE TO BE REUSED WHEREVER POSSIBLE. ONLY IN LOCATIONS WHERE A NEW DIFFUSER IS NECESSARY ARE THE EXISTING DIFFUSERS TO BE REPLACED IN ORDER TO MATCH THE NEW DIFFUSER.

1 LEVEL 2 MECHANICAL CEILING PLAN
M2.1 SCALE: 1/4" = 1'-0"



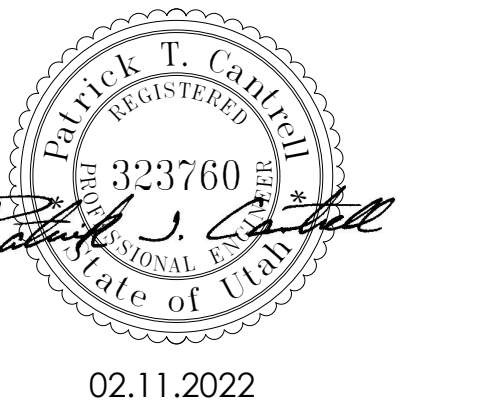
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LEVEL 1
OVERALL
MECHANICAL
FLOOR PLAN

M2.1

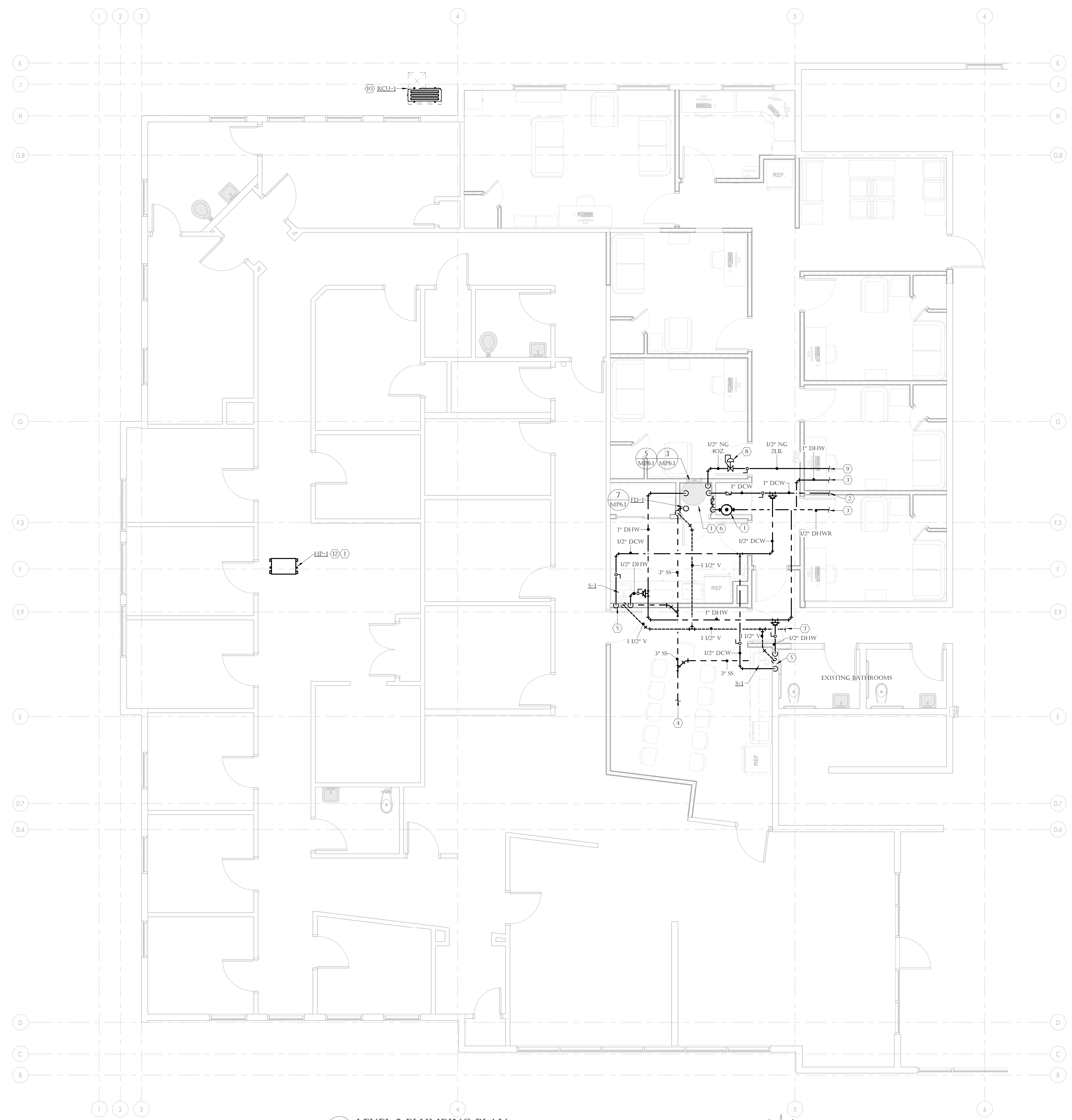


KEYNOTES

- 1 EXISTING WATER HEATER AND RECIRCULATION PUMP TO BE RELOCATED AS SHOWN. RECONNECT ALL PIPING TO EQUIPMENT AS PREVIOUSLY OPERATED INCLUDING FLUE AND COMBUSTION AIR PVC.
- 2 CONNECT TO PREVIOUS DCW WATER CONNECTION FOR WATER HEATER. CONTRACTOR TO VERIFY SIZE.
- 3 CONNECT TO PREVIOUS DHW LOOP SUPPLY AND RETURN LINES ACCORDINGLY. CONTRACTOR TO VERIFY SIZE.
- 4 CONNECT TO EXISTING SANITARY SEWER. CONTRACTOR TO LOCATE EXISTING AND VERIFY FLOWSIZE BEFORE CONNECTING 3" MINIMUM.
- 5 DROP 1/2" COLD AND HOT WATER LINES DOWN WALL AND INSTALL ALL FINAL CONNECTIONS TO SINK.
- 6 ROUTE DRAIN FROM WATER HEATER DRAIN PAN TO FD-1 AND TERMINATE WITH A 1" AIR GAP.
- 7 CONNECT TO EXISTING VENT SYSTEM. CONTRACTOR TO LOCATE EXISTING AND VERIFY SIZE BEFORE CONNECTING 2 1/2" MINIMUM.
- 8 CONTRACTOR TO RECONNECT NG LINE TO WATER HEATER WITH THE APPROPRIATE PRESSURE REGULATORS, GAS COCKS, AND LINE SIZE.
- 9 CONNECT TO PREVIOUS NG LINE ACCORDINGLY. CONTRACTOR TO VERIFY SIZE AND PRESSURE.

GENERAL NOTES

- A ALL FAN COIL UNITS IN THE SHELL SPACES ARE TO BE PROVIDED / INSTALLED AS HIGH UP AS POSSIBLE. ROUTE CONDENSATE DRAINS FROM ALL UNITS TO THE NEAREST FLOOR DRAIN OR INDIRECT DRAIN BELOW SINKS. PROVIDE CONDENSATE PUMPS AS REQUIRED. CONTRACTOR TO FIELD COORDINATE THE ROUTING OF ALL DRAIN PIPING.



1 LEVEL 2 PLUMBING PLAN
P2.1
SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16'

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LEVEL 1
OVERALL
PLUMBING
FLOOR PLAN

P2.1



ELECTRICAL SYMBOLS				DASHED SYMBOLS INDICATE EXISTING FIXTURE, EQUIPMENT, ETC.					
SYMBOL	DESCRIPTION	MOUNT HEIGHT	SYMBOL	DESCRIPTION	MOUNT HEIGHT	SYMBOL	DESCRIPTION	MOUNT HEIGHT	
ELECTRICAL WIRING				LIGHTING CONTROL				AUDIO / VIDEO	
— — —	CROSS LINES INDICATE NUMBER OF CONDUCTORS GROUNDING CONDUCTORS NOT INCLUDED.	N/A	\$	SINGLE POLE SWITCH	+48"	TV	TELEVISION OUTLET	AS NOTED	
— — —	BRANCH CIRCUIT CONCEALED IN CEILING OR WALL	N/A	\$ ₃	3-WAY SWITCH	+48"	V	VOLUME CONTROL	+48"	
— — —	BRANCH CIRCUIT CONCEALED IN GROUND OR FLOOR	N/A	\$ ₄	4-WAY SWITCH	+48"	S	SPEAKER	CEILING	
A-1,3	BRANCH CIRCUIT HOMERUNS TO PANEL w/PANEL & CIRCUIT NUMBER DESIGNATIONS.	N/A	\$ _P	SWITCH WITH PILOT LIGHT	+48"	M	MICROPHONE JACK	+16"	
— — —	CONDUIT RISER UP	N/A	\$ _D	DIMMER SWITCH	+48"	A	AUXILIARY JACK	+16"	
— — —	CONDUIT RISER DOWN	N/A	\$ _K	KEYED SWITCH	+48"	IC	INTERCOM STATION	+48"	
— — —	CONDUIT STUB (CAP CONDUIT)	AS NOTED	\$ _{TM}	DIGITAL TIMER SWITCH	+48"	B	BELL	+84"	
— — —	CABLE TRAY	AS NOTED	\$ _T	MANUAL STARTER WITH THERMAL OVERLOAD	AS NOTED	CH	CHIME	+84"	
— — —	BUS DUCT	AS NOTED	\$ _{LV}	LOW VOLTAGE SWITCH	+48"	FIRE ALARM			
ELECTRICAL POWER				LIGHTING					
J	JUNCTION BOX	AS NOTED	\$	CONTROLLING SWITCH (LETTER INDICATES CONTROL)	+48"	F	FIRE ALARM MANUAL PULL STATION	SEE DETAIL	
D	DUPLEX RECEPTACLE	+16"	OC	SINGLE POLE SWITCH/OCCUPANCY SENSOR COMBINATION MANUAL ON/AUTO OFF (WALL MOUNTED) DUAL TECH.	+48"	H	FIRE ALARM HORN/STROBE	SEE DETAIL	
Q	QUAD RECEPTACLE	+16"	TS	OCCUPANCY SENSOR DUAL TECHNOLOGY	CEILING	H	FIRE ALARM HORN/STROBE WITH GUARD	SEE DETAIL	
S	SPLIT WIRED DUPLEX RECEPTACLE	+16"	TS	TIME SWITCH	+60"	WP	FIRE ALARM HORN/STROBE WATERPROOF	SEE DETAIL	
WP	DUPLEX RECEPTACLE WEATHERPROOF AND GFCI	+16"	LC	LIGHTING CONTACTOR	+60"	S	FIRE ALARM STROBE	SEE DETAIL	
WP	DUPLEX RECEPTACLE OUTLET WITH GROUND FAULT CIRCUIT INTERRUPTION PROTECTION	+16"	P	PHOTOCELL	AS NOTED	Q	SMOKE DETECTOR	CEILING	
EWC	RECEPTACLE ELECTRIC WATER COOLER (EWC) WITH GROUND FAULT CIRCUIT INTERRUPTION PROTECTION	+16"	F	FLUORESCENT FIXTURE (TYPICAL)	CEILING	S	SMOKE DETECTOR BATTERY-BACKED	CEILING	
E	EQUIPMENT RECEPTACLE	+16"	EM	FLUORESCENT EMERGENCY FIXTURE (TYPICAL)	CEILING	S	DUCT SMOKE DETECTOR	IN DUCT	
S	SPECIAL PURPOSE RECEPTACLE	+16"	S	SURFACE MOUNTED FIXTURE	CEILING	H	SMOKE DETECTOR (ELEVATOR RECALL)	CEILING	
F	DUPLEX RECEPTACLE FLOOR	FLOOR	R	SURFACE MOUNTED FIXTURE	CEILING	H	HEAT DETECTOR - CO2	CEILING	
Q	QUAD RECEPTACLE FLOOR	FLOOR	R	RECESSED FIXTURE	CEILING	D	GAS DETECTOR	+16"	
F	FIRE RATED POKE THROUGH	FLOOR	W	WALL MOUNTED FIXTURE	AS NOTED	H	DOOR HOLDER	AS NOTED	
P	POWER/TELEPHONE POLE	FLOOR	W	WALL MOUNTED EMERGENCY EGRESS FIXTURE	AS NOTED	F	PRESSURE SWITCH	AS NOTED	
W	WIREWAY	+48"	S	FLUORESCENT STRIP	CEILING	F	FIRE ALARM FLOW SWITCH	AS NOTED	
W	WIREWAY	+48"	S	TRACK LIGHTING	CEILING	T	FIRE ALARM TAMPER SWITCH	AS NOTED	
ELECTRICAL CONNECTIONS				SECURITY					
NS	NON-FUSED DISCONNECT SWITCH	TOP AT 6'-0"	FX	EMERGENCY LIGHTING UNIT	+84"	L	FIRE ALARM FIREFIGHTER PHONE	+48"	
NS	FUSED DISCONNECT SWITCH	TOP AT 6'-0"	FX	FIXTURE TYPE SYMBOL (ATTACHED TO FIXTURE SYMBOL)	N/A	CM	CONTROL MODULE	AS NOTED	
NS	MOTOR STARTER/DISCONNECT SWITCH COMBINATION NON-FUSED	TOP AT 6'-0"	FX	POST TOP AREA LIGHT POLE & FIXTURE	AS NOTED	MM	MONITOR MODULE	AS NOTED	
NS	MOTOR STARTER/DISCONNECT SWITCH COMBINATION FUSED	TOP AT 6'-0"	FX	AREA LIGHT POLE AND FIXTURE (HEAD QTY AS SHOWN ON PLAN)	AS NOTED	FSD	FIRE/SMOKE DAMPER	AS NOTED	
NS	MOTOR STARTER ONLY	TOP AT 6'-0"	FX	BOLLARD FIXTURE	GROUND	R	FIRE ALARM RELAY	AS NOTED	
VFD	VARIABLE FREQUENCY DRIVE	+78"	FX	FLOOD OR SPOT FIXTURE	AS NOTED	GA	FIRE ALARM GENERATOR ANNUNCIATOR	TOP AT 6'-0"	
M	MOTOR CONNECTION	AS NOTED	FX	WALL MOUNTED EXIT LIGHT (SINGLE FACE)	+84"	FST	FIRE ALARM TRANSMISSION (MONITORING) DEVICE	AS NOTED	
M	MOTOR CONNECTION	AS NOTED	FX	WALL MOUNTED EXIT LIGHT (DOUBLE FACE)	+84"	FACP	FIRE ALARM CONTROL PANEL	TOP AT 6'-0"	
M	MOTOR CONNECTION	AS NOTED	FX	CEILING MOUNTED EXIT LIGHT (SINGLE FACE)	CEILING	FAXA	FIRE ALARM REMOTE ANNUNCIATOR PANEL	TOP AT 6'-0"	
M	MOTOR CONNECTION	AS NOTED	FX	CEILING MOUNTED EXIT LIGHT (DOUBLE FACE)	CEILING	SECURITY			
ELECTRICAL DISTRIBUTION				TELECOMMUNICATIONS					
T	TELEPHONE COMPANY PEDESTAL	AS NOTED	FX	TELEPHONE OUTLET	+16"	D ₁	SECURITY SYSTEM DOOR CONTACT	DOOR JAMB	
GS	POWER COMPANY GROUND SLEEVE	AS NOTED	FX	COMPUTER DATA OUTLET	+16"	D ₂	SECURITY SYSTEM OVERHEAD DOOR CONTACT	AS NOTED	
GS	POWER COMPANY SITE TRANSFORMER	AS NOTED	FX	VOICE / DATA OUTLET	+16"	KP	SECURITY SYSTEM KEYPAD ARM/DISARM	+48"	
GS	HIGH VOLTAGE (277/480 VOLT) PANELBOARD	TOP AT 6'-0"	FX	TELEPHONE OUTLET FLOOR	FLOOR	ES	SECURITY SYSTEM DOOR ELECTRIC STRIKE	AS NOTED	
GS	LOW VOLTAGE (120/208 VOLT) PANELBOARD	TOP AT 6'-0"	FX	COMPUTER DATA OUTLET FLOOR	FLOOR	M	SECURITY SYSTEM MAGNETIC DOOR LOCK	AS NOTED	
GS	DRY TYPE TRANSFORMER	AS NOTED	FX	NETWORK AND VOICE OUTLET FLOOR	FLOOR	REX	REQUEST TO EXIT MOTION DETECTOR	AS NOTED	
GS	DISTRIBUTION SWITCHBOARD	AS NOTED	FX			M	SECURITY SYSTEM AREA MOTION SENSOR	AS NOTED	
GS	TELEPHONE AND/OR DATA TERMINAL BOARD	AS NOTED	FX			G	SECURITY SYSTEM GLASS BREAK SENSOR	AS NOTED	
ELECTRICAL DEVICES				REFERENCE SYMBOLS					
P	PUSHBUTTON	+48"	XX	FEEDER TAG (ONE LINE DIAGRAM)	N/A	CR	SECURITY SYSTEM CARD READER	+48"	
P	STOP/START STATION	+48"	XX	REVISION TAG INDICATOR	N/A	AK	SECURITY SYSTEM DOOR ACCESS KEYPAD	+48"	
EPO	"EMERGENCY POWER OFF" MUSHROOM TYPE BUTTON	+48"	XX	DETAIL INDICATOR: TOP DETAIL IDENTIFICATION BOTTOM INDICATES SHEET WHERE DETAIL IS LOCATED.	N/A	C	SECURITY SYSTEM CCTV CAMERA	AS NOTED	
T	LINE VOLTAGE THERMOSTAT	+48"	XX	MECHANICAL EQUIPMENT SYMBOL	N/A	DVR	DIGITAL VIDEO RECORDER	AS NOTED	
N	NURSE CALL BED/BATH STATION	+48"	X	KEYED NOTE REFERENCE	N/A	MON	SECURITY SYSTEM CCTV MONITOR	AS NOTED	
N	NURSE CALL LIGHT	+84"				SERT	SECURITY SYSTEM PANEL	TOP AT 6'-0"	
NURS	NURSE CALL STATION PANEL	TOP AT 6'-0"				PS	POWER SUPPLY LOW VOLTAGE	AS NOTED	

GENERAL NOTES

- THE ELECTRICAL CONTRACTOR SHALL REVIEW AND COORDINATE WITH ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING AND OTHER DRAWINGS PRIOR TO BID.
- SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH THE SPECIFICATIONS IN A NEAT AND ORDERLY MANNER WITH TYPE AND MODEL NUMBERS INDICATED. SUBMITTALS SHALL INCLUDE BUT NOT LIMITED TO: LIGHTING FIXTURES, LAMPS, WIRING DEVICES, OCCUPANCY SENSORS, CONTACTORS, TIME CLOCKS, PHOTOCELLS, RELAYS, SWITCHBOARDS, PANELBOARDS, MOTOR CONTROL CENTERS, SAFETY SWITCHES, MOTOR STARTERS, OVERCURRENT PROTECTION DEVICES, TRANSFORMERS, CONDUCTORS OVER 600 VOLTS AND ALL SPECIAL SYSTEMS SUCH AS FIRE ALARM, LIGHTING CONTROLS, SECURITY SYSTEMS, SOUND SYSTEMS ETC.
- IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO ESTABLISH A STANDARD OF QUALITY. MANUFACTURER CATALOG NUMBERS ARE LISTED AS A BASIS OF DESIGN. ELECTRICAL CONTRACTOR SHALL SUBMIT PRODUCT INFORMATION THAT DEVIATES FROM ORIGINAL DESIGN AND SPECIFICATION.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY BUILDING PERMITS AND INSPECTION FEES.
- ALL IMPACT FEES ASSOCIATED WITH CITY, UTILITY OR SERVICE COMPANIES FOR BUT NOT LIMITED TO POWER, TELEPHONE, FIBER OPTIC & INTERNET SHALL BE THE RESPONSIBILITY OF THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE GENERAL CONTRACTOR TO PROVIDE AND INSTALL TEMPORARY POWER FOR PROJECT CONSTRUCTION AS REQUIRED. ALL ENERGY COSTS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- DO NOT SCALE DRAWINGS VERIFY DIMENSIONS IN FIELD PRIOR TO MAKING ANY ROUGH-INS.
- ELECTRICAL CONTRACTOR SHALL REVIEW ALL ARCHITECTS ELEVATIONS, SECTIONS AND FLOOR PLANS PRIOR TO ROUGH IN OF ELECTRICAL DEVICE JUNCTION BOXES.
- CONSULT ARCHITECTS REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF LIGHTING FIXTURES, SPEAKERS, SMOKE DETECTORS ETC.
- ELECTRICAL CONTRACTOR SHALL MEET WITH THE CEILING AND MECHANICAL CONTRACTORS TO COORDINATE LOCATIONS, CLEARANCES, CEILING TYPES AND ROUGH-IN REQUIREMENTS OF ALL LIGHTING FIXTURES PRIOR TO DUCT, PIPING AND CEILING INSTALLATIONS.
- VERIFY EXACT LOCATION OF EQUIPMENT TO BE FURNISHED BY OTHERS PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH-INS. CONSULT CONTRACT DOCUMENT DRAWINGS AND SHOP DRAWINGS TO VERIFY AND MAINTAIN REQUIRED CLEARANCES.
- ELECTRICAL ROOM DRAWINGS ARE FOR REFERENCE ONLY OF EQUIPMENT QUANTITIES. ELECTRICAL CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ELECTRICAL ROOM SHOWING DIMENSIONS AND CLEARANCES OF ALL EQUIPMENT AND ELECTRICAL GEAR PROVIDED. COORDINATE LAYOUT WITH ONE-LINE DRAWINGS.
- CONTRACTOR SHALL VERIFY ACTUAL ELECTRICAL LOADS FROM NAMEPLATE RATINGS OF EACH PIECE OF EQUIPMENT REQUIRING POWER. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE PROJECT ENGINEER.
- WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER, PER INDUSTRY STANDARD AND TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
- WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS OF LOCAL, STATE AND NATIONAL CODES, STANDARDS AND ORDINANCES.
- FINAL CONNECTIONS TO EQUIPMENT SHALL BE MADE AS PER MANUFACTURERS WRITTEN INSTRUCTIONS AND APPROVED WIRING DIAGRAMS AND DETAILS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
- ALL EMPTY RACEWAY SYSTEMS SHALL HAVE A 20LB RATED PULL CORD INSTALLED AND SHALL BE IDENTIFIED AT EACH JUNCTION, PULL AND TERMINATION POINT. USING PERMANENT MARKER IN THE BOX, ID SHALL INDICATE INTENDED USE OF CONDUIT, ORIGIN AND TERMINATION POINTS OF EACH INDIVIDUAL CONDUIT.
- ALL PENETRATIONS OF FIRE RATED FLOORS, CEILING AND WALLS SHALL BE SEALED WITH UL LISTED AND RATED FIRE STOP MATERIAL TO MAINTAIN FIRE RATING OF ASSEMBLY.
- ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY OR CONCRETE COLUMNS, BOND BEAMS OR GROUTED CELLS OF MASONRY WALLS ADJACENT TO OPENINGS WITHOUT COORDINATION WITH THE MASONRY CONTRACTOR.
- WIRE FOR GENERAL USE SHALL BE COPPER 75C RATED. WIRING FOR HID FIXTURES WITHIN 3" OF FLUORESCENT BALLAST SHALL BE COPPER, MINIMUM 90° C RATED. CONDUCTOR SIZES INDICATED ARE FOR INSTALLATION IN A MAXIMUM 30 °C AMBIENT TEMPERATURE ENVIRONMENT. CONDUCTOR AMPACITY SHALL BE DERATED FOR HIGHER AMBIENT INSTALLATIONS.
- CONDUCTORS HAVE BEEN SIZED FOR VOLTAGE DROP AS PER PLANS AND DIRECT ROUTING. ANY DEVIATION IN CONDUIT ROUTING MAY INCREASE THE WIRE AND CONDUIT SIZE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSURE PROPER OPERATING VOLTAGE ON ALL CIRCUITS BOTH INTERIOR AND EXTERIOR. THE VOLTAGE DROP SHALL NOT EXCEED 3% FOR BRANCH CIRCUITS AND 2% FOR FEEDERS FOR A TOTAL OF 5% COMBINED TOGETHER OF BRANCH AND FEEDER CIRCUITS TO THE FARTHEST OUTLET.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL UTILITY METERING EQUIPMENT TO COMPLY WITH THE STANDARDS OF THE LOCAL OR PROJECT SPECIFIC POWER COMPANY.
- VERIFY EXACT LOCATIONS OF ALL NEW AND EXISTING UNDERGROUND SITE UTILITIES, PIPING AND RACEWAY SYSTEMS PRIOR TO TRENCHING. A UTILITY LOCATING COMPANY SUCH AS "BLUE STAKE" OR EQUAL SHALL BE USED TO VERIFY AND MARK UTILITIES BEFORE TRENCHING. PROVIDE NECESSARY TRENCHING, BACKFILL EXCAVATION, SUPPORTS, SERVICE FEEDERS, (CONDUIT AND/OR WIRE), PULL BOXES, TRANSFORMER PADS, SAW CUTTING AND PATCHING, CONCRETE PAVING ETC. REQUIRED. BACKFILL TRENCHES TO 90% COMPACTION. PATCHING SHALL MATCH EXISTING SURROUNDING SURFACES. CONTRACTOR SHALL OBTAIN AND VERIFY UTILITY COMPANY DRAWINGS AND REQUIREMENTS FOR ALL SITE UTILITIES. ELECTRICAL CONTRACTOR SHALL ALSO COORDINATE ELECTRICAL RELATED UTILITIES WITH THE CIVIL, MECHANICAL, AND SITE EXCAVATION CONTRACTORS.
- PULLBOXES, CABINETS, ETC. MOUNTED ON THE EXTERIOR OF THE BUILDING SHALL BE WEATHERPROOF TYPE WITH HINGED GASKETED LOCKABLE COVERS SECURED WITH TAMPERPROOF SCREWS.
- SPLICES IN EXTERIOR PULLBOXES AND MANHOLES SHALL BE MADE WATERPROOF USING "SCOTCAST" SPLICE KIT OR APPROVED EQUAL. SEAL ENDS OF CONDUITS AND DUCTS ENTERING BOXES WITH "DUCTSEAL" OR EQUAL.
- ELECTRICAL CONTRACTOR SHALL TEST AND VERIFY ALL SYSTEMS WITH PROJECT ENGINEER DURING FINAL INSPECTION TO INSURE PROPER OPERATION. IF TESTS RESULT IN DEFECT THE CONTRACTOR SHALL MAKE ANY CORRECTIONS NECESSARY AT NO ADDITIONAL COSTS TO THE OWNER.
- PROVIDE RECORD DRAWINGS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL GUARANTEE THE INSTALLATION AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP, WHICH MAY OCCUR UNDER NORMAL USAGE FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION. DEFECTS SHALL BE PROMPTLY CORRECTED.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFP	ARC FAULT PROTECTOR
AIC	AMP INTERRUPTING CURRENT (SYMMETRICAL)
AL	ALUMINUM
BG	BELOW GRADE
C	CONDUIT
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CKT	CIRCUIT
CO	CONDUIT ONLY
CU	COPPER
CW	COMPLETE WITH
(D)	DEMOLISH/DELETE
EM	EMERGENCY
(EX)	EXISTING
EPO	EMERGENCY POWER OFF
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
(F)	FUTURE
FA	FIRE ALARM
FLA	FULL LOAD AMPS
GFI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTOR
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
IG	ISOLATED GROUND
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	MANHOLE
MLO	MAIN LUGS ONLY
(N)	NEW
NC	NOT IN CONTRACT
NL	NIGHT LIGHT
OCFI	OWNER FURNISHED CONTRACTOR INSTALLED
OFI	OWNER FURNISHED OWNER INSTALLED
PNL	PANEL
(R)	RELOCATE
TR	TAMPER RESISTANT
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
WP	WEATHER PROOF
XMR	TRANSFORMER

* THIS IS A TYPICAL ABBREVIATION LIST. NOT ALL ABBREVIATIONS ARE USED ON THIS PROJECT.

SHEET LIST

E901	ELECTRICAL NOTES & SYMBOLS
E200	EXISTING POWER PLAN
E201	NEW POWER PLAN
E300	EXISTING LIGHTING PLAN
E301	NEW LIGHTING PLAN
E501	ELECTRICAL SCHEDULES
E601	ELECTRICAL DETAILS

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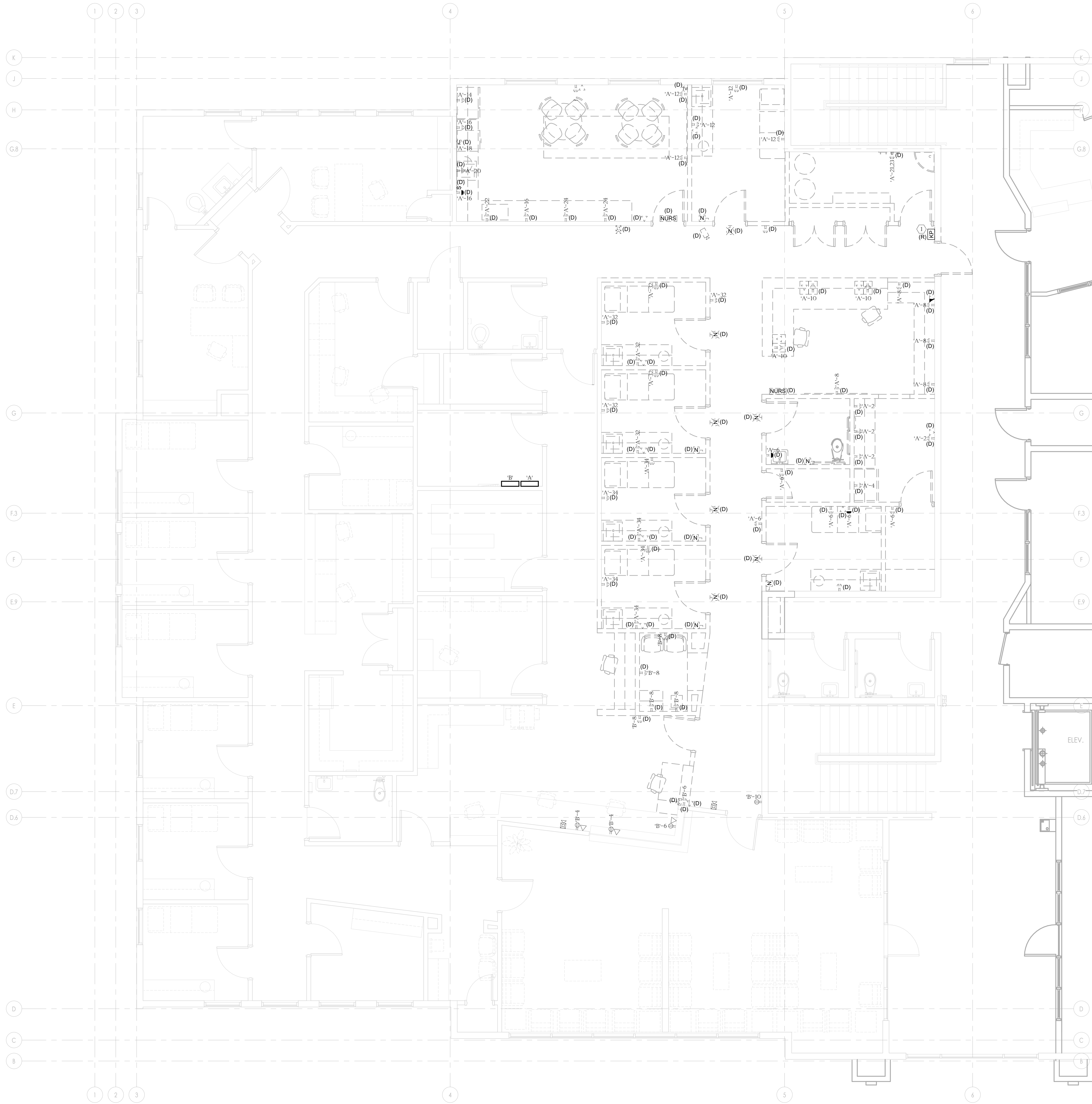
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ELECTRICAL
NOTES &
SYMBOLS

E001

2/16/2022 12:07:41 PM



1 EXISTING POWER PLAN
 E200 SCALE 1/4" = 1'-0"



KEYED NOTES
 1 EXISTING SECURITY KEYPAD, RELOCATE AS SHOWN. COORDINATE WITH SECURITY SYSTEM PROVIDER FOR REQUIREMENTS PRIOR TO RELOCATING.



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Northpointe Medical Park
 Building B, Level 2, Suite 203
 TI For Sunset Counseling

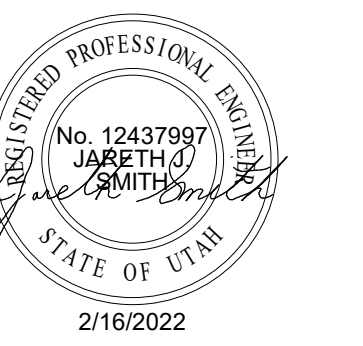
2371 North 400 East
 Tooele, UT 84074

NJRA Project # 21014.00
 Permit Set February 16, 2022



EXISTING
 POWER PLAN

E200



GENERAL NOTES:

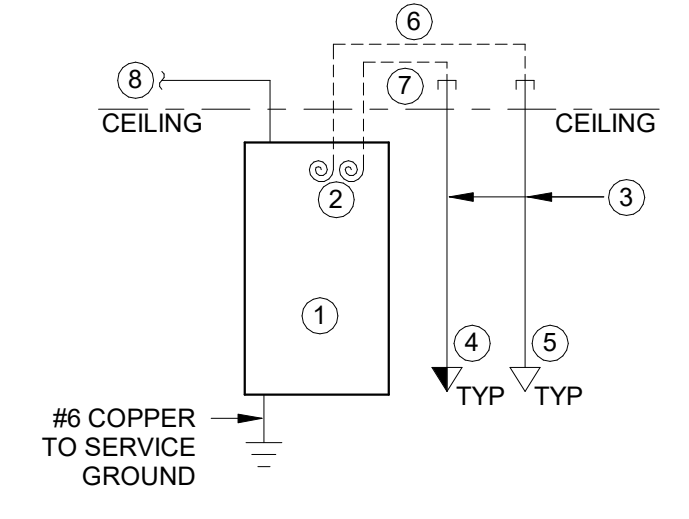
- A. ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13(A), MEDICAL GRADE MC OR EQUIVA.
- B. ALL RECEPTACLES IN OFFICES, CORRIDORS, WAITING ROOMS, AND THE LIKE ARE TO BE TAMPER RESISTANT AS REQUIRED PER NEC 406.12.
- C. ALL RECEPTACLES IN PATIENT CARE AREAS SHALL BE HOSPITAL-GRADE TAMPER-RESISTANT RECEPTACLES. THE RECEPTACLES SHALL BE MARKED AS SUCH.
- D. PROVIDE NEW FIRE ALARM ADDRESSABLE DEVICES CIRCUIT FOR TENANT IMPROVEMENT FROM BUILDING FIRE ALARM CONTROL PANEL. COORDINATE ALL REQUIREMENTS OF EXISTING SYSTEM WITH MANUFACTURER. DEVICES SHOWN FOR PRELIMINARY BIDDING PURPOSES ONLY. VERIFY FINAL DESIGN WITH NICET-III CERTIFIED SYSTEM DESIGNER.

KEYED NOTES

- 1 RECEPTACLE FOR OWNER-FURNISHED PAPER SHREDDER. VERIFY REQUIREMENTS AND LOCATION PRIOR TO ROUGH-IN.
- 2 RECEPTACLE AND VOICE/DATA FOR OWNER-FURNISHED COPIER. VERIFY REQUIREMENTS AND LOCATION PRIOR TO ROUGH-IN.
- 3 CONTROL BOTTOM OUTLET WITH LIGHTING ZONE INDICATED BY SMALL-CASE LETTER. PROVIDE PERMANENTLY LABELED RECEPTACLE PER NEC 406.3(E).
- 4 EXISTING SECURITY KEYPAD. RELOCATE AS SHOWN. COORDINATE WITH SECURITY SYSTEM PROVIDER FOR REQUIREMENTS PRIOR TO RELOCATING.
- 5 CONTROL BOTTOM OUTLET WITH LOBBY LIGHTING. PROVIDE PERMANENTLY LABELED RECEPTACLE PER NEC 406.3(E).
- 6 TAMPER-RESISTANT DUPLEX RECEPTACLE WITH (1) USB TYPE-A AND (1) USB TYPE-C CHARGING PORTS. TO BE LEVITON #5833 OR EQUIVALENT.
- 7 HDMI WALL PLATE.
- 8 PROVIDE (1)1'-1/2" CONDUIT WITH HDMI CABLE BETWEEN DESK AND TV.
- 9 SIMPLEX RECEPTACLE FOR RECIRCULATION PUMP. COORDINATE LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR. IF NEEDED, FURNISH AND INSTALL CORD & PLUG FOR PUMP.
- 10 POWER FOR WATER HEATER. COORDINATE REQUIREMENTS AND LOCATION WITH PLUMBING CONTRACTOR.
- 11 HP-1 UNIT POWERED BY OUTDOOR RCJ-1 UNIT.
- 12 RECEPTACLE FOR WALL-MOUNTED KIOSK. VERIFY EXACT LOCATION WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 13 PROVIDE MULTI-OUTLET STRIP, WITH RECEPTACLES 6" O.C., MOUNTED VERTICALLY ALONG THE FULL HEIGHT OF THE LT. CABINET (COORDINATE WITH ARCHITECTURAL DETAILS FOR ACTUAL LENGTH). INSTALL 3" FROM CORNER.

RISER KEYED NOTES:

- 1. NEW 48"Wx96"Hx3/4"D PLYWOOD BOARD WITH THREE COATS FIRE-RETARDANT PAINT IN LT. CABINET FOR SERVER EQUIPMENT MOUNTING. SEE E201 FOR LOCATION.
- 2. UNFINISHED CABLES WITH EXTRA 10' COILED FOR FUTURE CONNECTIONS. ELECTRICAL CONTRACTOR TO LABEL EACH CABLE WITH ASSOCIATED ROOM NUMBER.
- 3. (1) 1" CONDUIT TO ACCESSIBLE CEILING SPACE.
- 4. (1) RJ-45 & (1) RJ-11 KEYSTONE JACKS.
- 5. (2) RJ-45 KEYSTONE JACKS.
- 6. (2) CAT-6A CABLE.
- 7. (1) CAT-6A CABLE & (1) CAT-3 CABLE.
- 8. (1) 1" CONDUIT WITH PULL-STRING TO EXISTING BUILDING TELEPHONE/DATA SERVICE.



2 TELEPHONE/DATA RISER DIAGRAM
E201

1 NEW POWER PLAN
E201

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



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NEW POWER PLAN

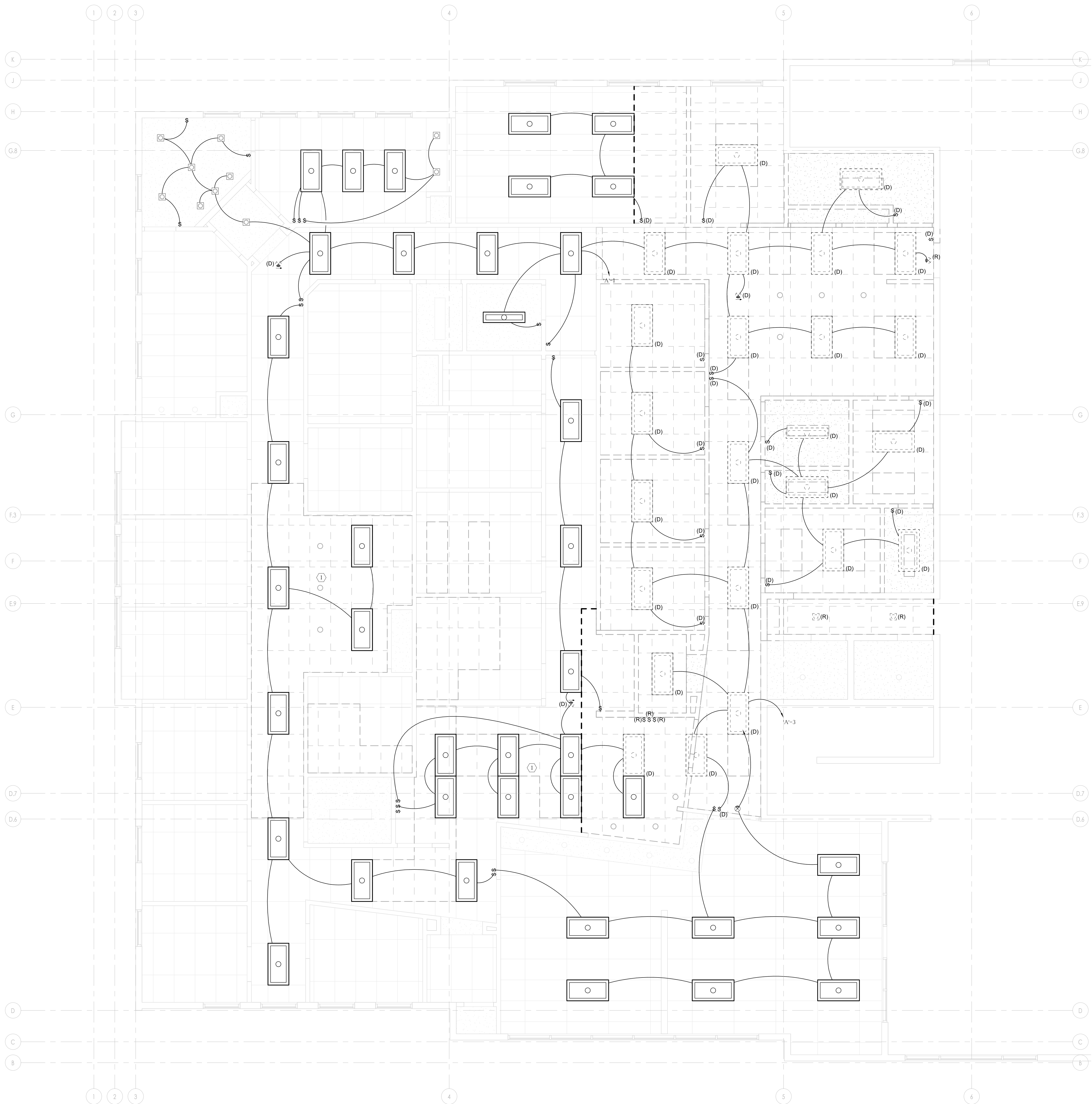
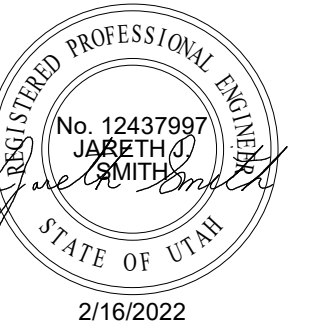


E201

KEYED NOTES
 1 REMOVE AND REINSTALL ALL EXISTING LUMINAIRES IN REMOVED CEILINGS. COORDINATE WITH ARCHITECTURAL DEMOLITION PLANS FOR ALL AREAS AFFECTED.



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1 EXISTING LIGHTING PLAN
 E300 SCALE: 1/4" = 1'-0" 0' 2' 4' 8' 16'

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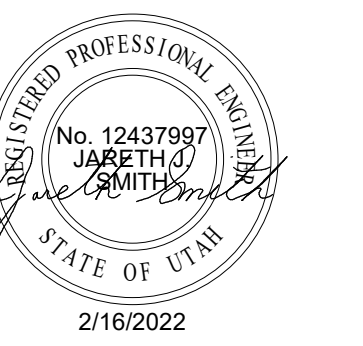
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EXISTING LIGHTING PLAN

E300

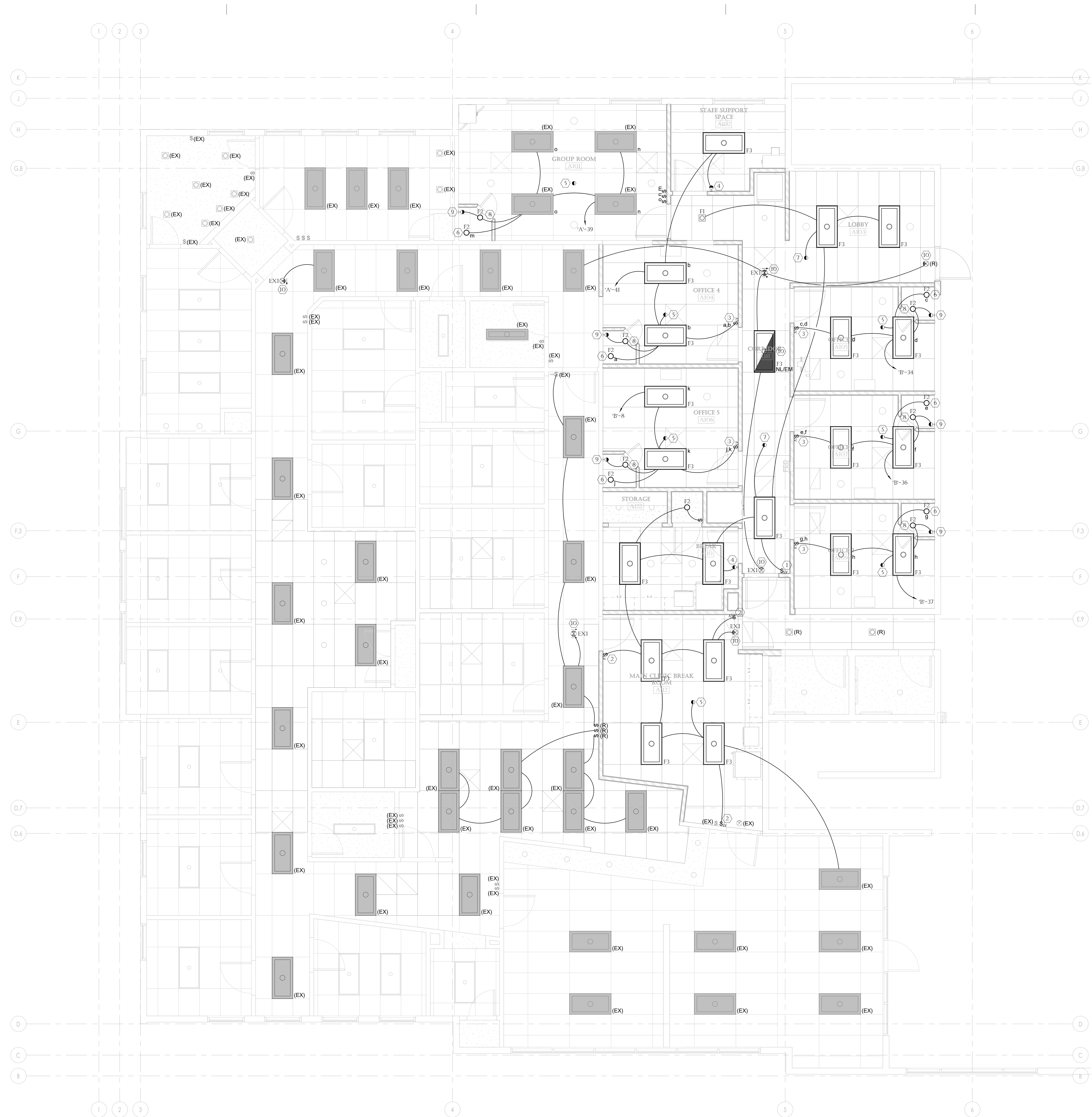


GENERAL NOTES

A. ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13(A), MEDICAL GRADE MC OR EQUAL.

KEYED NOTES

1. LOW-VOLTAGE SWITCH TO PROVIDE ON/OFF CONTROL FOR LOBBY & CORRIDOR LIGHTING. SEE DETAIL E1601.
2. LOW-VOLTAGE SWITCH TO PROVIDE ON/OFF/RAISE/LOWER CONTROL FOR BREAK ROOM LIGHTING.
3. LOW-VOLTAGE SWITCH TO PROVIDE ON/OFF/RAISE/LOWER CONTROL FOR (2) OFFICE LIGHTING ZONES. RAISE/LOWER CONTROL ONLY FOR CEILING TROFFER. SEE E201 FOR SWITCHED RECEPTACLE LOCATIONS.
4. DIMMABLE WALL SENSOR PROGRAMMED FOR MANUAL-ON/AUTOMATIC-OFF WITH 15-MINUTE VACANCY TIME-OUT. COORDINATE DIMMING PROTOCOL WITH LIGHT FIXTURES.
5. LOW-VOLTAGE CEILING OCCUPANCY SENSOR PROGRAMMED FOR 15-MINUTE VACANCY TIME-OUT.
6. LUMINAIRE MOUNTED ON TOP OF CABINET FACING CEILING.
7. MOTION SENSOR PROGRAMMED FOR AUTOMATIC-ON/AUTOMATIC-OFF WITH 30-MINUTE VACANCY TIME-OUT. SEE E201 FOR SWITCHED RECEPTACLE LOCATIONS.
8. LUMINAIRE MOUNTED INSIDE CABINET.
9. WALL SENSOR PROGRAMMED FOR AUTOMATIC-ON-TO-50% AND AUTOMATIC-OFF PER IECC 405.2.1.1. COORDINATE LOCATION SUCH THAT DOOR OPERATION TURNS ON LIGHTS.
10. PROVIDE UN-SWITCHED HOT TO EMERGENCY LUMINAIRE.



1 NEW LIGHTING PLAN
E301 SCALE: 1/4" = 1'-0"
0' 2' 4' 8' 16'

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NEW LIGHTING PLAN

E301

MECHANICAL EQUIPMENT SCHEDULE

MARK	DESCRIPTION	LOAD	LOAD UNITS	VOLTAGE	PHASE	FULL LOAD AMPS	DISCONNECT	RATING (AMPS)	FUSE SIZE (AMPS)	STARTER SIZE	ENCLOSURE	MOCT	COMMENTS
RCU-1	REMOTE CONDENSING UNIT (3.0 TON)	25.0	MCA	208	1	20.0	1A	60		3R	30		INDOOR UNIT (HP-1) POWERED BY THIS UNIT

- DISCONNECT CODES:**
- | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. NON-FUSED DISCONNECT SWITCH 2. FUSED DISCONNECT SWITCH 3. BREAKER IN ENCLOSURE 4. MANUAL STARTER WITH THERMAL OVERLOAD 5. MAGNETIC STARTER 6. MAGNETIC STARTER/NON-FUSED DISCONNECT COMBINATION 7. MAGNETIC STARTER/FUSED DISCONNECT COMBINATION 8. MAGNETIC STARTER/BREAKER COMBINATION 9. VARIABLE SPEED DRIVE 10. REDUCED VOLTAGE STARTER 11. DIRECT CONNECTION 12. RECEPTACLE/SPECIAL PURPOSE OUTLET ETC. 13. TWO-SPEED STARTER, COORDINATE WITH MOTOR TYPE | <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> A. FURNISHED, INSTALLED, AND FINAL CONNECTION BY THE ELECTRICAL CONTRACTOR. B. FURNISHED AND INSTALLED UNDER ANOTHER DIVISION, FINAL CONNECTION BY THE ELECTRICAL CONTRACTOR. C. FURNISHED UNDER ANOTHER DIVISION, INSTALLED AND FINAL CONNECTION BY THE ELECTRICAL CONTRACTOR. D. FURNISHED, INSTALLED, AND FINAL CONNECTION UNDER ANOTHER DIVISION. </td> <td style="width: 50%; vertical-align: top;"> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> A.I.C. RATING: 10,000 A
 MAINS TYPE: Lugs Only
 MAINS RATING: 225 A
 MCB RATING: </td> <td style="width: 50%; vertical-align: top;"> VOLTS: 120/208 Wye
 PHASE: 3
 WIRES: 4 </td> </tr> </table> </td> </tr> </table> | <ol style="list-style-type: none"> A. FURNISHED, INSTALLED, AND FINAL CONNECTION BY THE ELECTRICAL CONTRACTOR. B. FURNISHED AND INSTALLED UNDER ANOTHER DIVISION, FINAL CONNECTION BY THE ELECTRICAL CONTRACTOR. C. FURNISHED UNDER ANOTHER DIVISION, INSTALLED AND FINAL CONNECTION BY THE ELECTRICAL CONTRACTOR. D. FURNISHED, INSTALLED, AND FINAL CONNECTION UNDER ANOTHER DIVISION. | <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> A.I.C. RATING: 10,000 A
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MAINS RATING: 225 A
MCB RATING: | VOLTS: 120/208 Wye
PHASE: 3
WIRES: 4 |
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MAINS RATING: 225 A
MCB RATING: | VOLTS: 120/208 Wye
PHASE: 3
WIRES: 4 | | | | |

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LIGHT SOURCE	CCT	VOLTS	LOAD	MOUNTING
EX1	**MATCH EXISTING**	**MATCH EXISTING**	THERMOPLASTIC EXIT SIGN WITH EMERGENCY HEADS	GREEN LED	N/A	120	5 VA	UNIVERSAL
F1	LITHONIA LIGHTING	LDN4 30/15 L04AR LSS	4" RECESSED DOWNLIGHT	1500 LUMEN LED	3000K	120	17.5 VA	RECESSED (GRID)
F2	SATCO	S9680	7" ROUND SURFACE FLUORESCENT	820 LUMEN LED	3000K	120	13.5 VA	SURFACE
F3	LITHONIA LIGHTING	CPANL 2x4 40/50/60LM 35K	2'x4" RECESSED FLAT PANEL 0-10V DIMMING SWITCHABLE LUMEN OUTPUTS	4300 / 5300 / 6300 LUMEN LED	3500K	120	55.1 VA	RECESSED (GRID)

NOTE: ELECTRICAL CONTRACTOR SHALL PROVIDE A 'QUICK DISCONNECT HARNESS' FOR EACH FLUORESCENT LUMINAIRE TO SERVE AS A MEANS OF DISCONNECT TO ALLOW THE FIXTURE BALLAST TO BE SERVICED IN PLACE, AS PER THE NATIONAL ELECTRICAL CODE 2020, ARTICLE 410.130(C).



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CKT	Rating	Poles	Circuit Description	Wire Size	Load...	True...	A	B	C	True...	Load...	Wire Size	Circuit Description	Poles	Rating	CKT
1	20 A	1	(EX) LIGHTING	1-#12, 1-#12...	Lighting	1052 W	1056 VA	1260 VA				1-#12, 1-#12...	RCPT - OFFICE 2 & 3	1	20 A	2
3	20 A	1	LTG - (EX) LOBBY - (N) BREAKS & HALL	1-#12, 1-#12...	Other...	1748 W		1748 VA	1260 VA			1-#12, 1-#12...	RCPT - OFFICE 4 & 5	1	20 A	4
5	20 A	1	(EX) LTG - NORTH HALL & OFFICES	--	--	--			0 VA	1620 VA	1620 W	1-#12, 1-#12...	RCPT - OFFICE 1 & LOBBY	1	20 A	6
7	20 A	1	(EX) LTG - CENTER OFFICES & HALL	--	--	--	0 VA	1920 VA				1-#12, 1-#12...	STAFF SUPPORT COPIER	1	20 A	8
9	20 A	1	(EX) I.T. BOARD ROOM RCPT	--	--	--	0 VA	800 VA			800 W	1-#12, 1-#12...	STAFF SUPPORT SHREDDER	1	20 A	10
11	20 A	1	(EX) LTG - MECH ROOM & RECEPTION	--	--	--			0 VA	900 VA	900 W	1-#12, 1-#12...	RCPT - LOBBY & STAFF SUPPORT	1	20 A	12
13	20 A	1	(EX) NORTH EAST CENTER OFFICES	--	--	--	0 VA	1800 VA			1800 W	1-#12, 1-#12...	HALL REFRIGERATOR	1	20 A	14
15	20 A	1	(EX) NORTH EAST CENTER OFFICES	--	--	--			0 VA	900 VA	900 W	1-#12, 1-#12...	RCPT - GROUP ROOM	1	20 A	16
17	20 A	1	(EX) NORTH EAST CENTER OFFICES	--	--	--			0 VA	1000 VA	1000 W	1-#12, 1-#12...	BREAK DISPOSAL	1	20 A	18
19	20 A	1	(EX) NORTH EAST CENTER OFFICES	--	--	--	0 VA	0 VA				--	(EX) LTG - EAST HALL, SOUTH EAST...	1	20 A	20
21	20 A	1	(EX) NORTH EXAM ROOM	--	--	--			0 VA	1620 VA	1620 W	1-#12, 1-#12...	I.T. CABINET	1	20 A	22
23	20 A	1	(EX) NORTH CENTER RECEPTION	--	--	--			0 VA	800 VA	800 W	1-#12, 1-#12...	BREAK ROOM SHREDDER	1	20 A	24
25	20 A	1	(EX) NORTH EXAM ROOMS	--	--	--	0 VA	0 VA				--	(EX) DR OFFICES N. EAST CORNER	1	20 A	26
27	20 A	1	(EX) WEST NORTH	--	--	--			0 VA	0 VA		--	(EX) SPARE	1	20 A	28
29	20 A	1	(EX) NORTH WEST EXAM ROOMS	--	--	--			0 VA	0 VA		--	(EX) DR OFFICES NE CORNER	1	20 A	30
31	20 A	1	(EX) NORTH CENTER RECEPTION	--	--	--	0 VA	1800 VA			1800 W	1-#12, 1-#12...	(N) BREAK ROOM FRIDGE (GFCI)	1	20 A	32
33	20 A	1	(EX) NORTH CENTER RECEPTION	--	--	--			0 VA	1800 VA	1800 W	1-#12, 1-#12...	BREAK ROOM MICROWAVE	1	20 A	34
35	20 A	1	(EX) NORTH CENTER RECEPTION	--	--	--			0 VA	0 VA		--	(EX) FURNACE	1	20 A	36
37	20 A	1	WATER HEATER & RECIRC PUMP	1-#12, 1-#12...	Receptacle...	740 W	740 VA	1080 VA			1080 W	1-#12, 1-#12...	RCPT - CLINIC BREAK ROOM	1	20 A	38
39	20 A	1	LTG - GROUP ROOM	1-#12, 1-#12...	Other...	1491 W		1491 VA	1800 VA		1800 W	1-#12, 1-#12...	CLINIC BREAK ROOM MICROWAVE	1	20 A	40
41	20 A	1	LTG - OFFICE 4	1-#12, 1-#12...	Other...	1092 W		1092 VA	1800 VA		1800 W	1-#12, 1-#12...	(N) CLINIC BREAK ROOM FRIDGE (GFCI)	1	20 A	42
				Total Load:		11727 VA	14536 VA	10330 VA								
				Total Amps:		100 A	123 A	86 A								

GENERAL NOTES:
 1. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND CONDUCTORS SHALL BE THHW.
 2. RECEPTACLE LOAD CALCULATED AS PER SECTION 220 OF THE NATIONAL ELECTRICAL CODE.

KEYED NOTES:
 1. LOCK - ON BREAKER.
 2. PROVIDE ARC FAULT (AFCI) BREAKER.

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	3414 VA	125.00%	4267 VA	
Other	0 VA	0.00%	0 VA	
Receptacle	15080 VA	83.16%	12540 VA	
				Total Conn. Load: 36592 VA
				Total Est. Demand: 34906 VA
				Total Conn. Current: 102 A
				Total Est. Demand Current: 97 A

Notes:
 LOAD TOTAL INCLUDES LOAD FROM FEED-THRU PANEL 'B'
 ONLY NEW LOADS SHOWN. MAXIMUM LOAD SUPPLIED BY EXISTING PANELS 'A' AND 'B' IN THE PAST YEAR IS ESTIMATED AT 55.4-AMPERES PER THE EXISTING TENANTS' JULY 2021 UTILITY BILL.

'B'

CKT	Rating	Poles	Circuit Description	Wire Size	Load...	True...	A	B	C	True...	Load...	Wire Size	Circuit Description	Poles	Rating	CKT
1	20 A	1	(EX) WEST RECEPTION BACK WALL	--	--	--	0 VA	0 VA				--	(EX) RECEPTION RCPT	1	20 A	2
3	20 A	1	(EX) WEST RECEPTION BACK WALL	--	--	--			0 VA	0 VA		--	(EX) LOBBY RCPT RECEPTION	1	20 A	4
5	20 A	1	(EX) WEST RECEPTION BACK WALL	--	--	--			0 VA	0 VA		--	(EX) RECEPTION RCPT	1	20 A	6
7	20 A	1	(EX) FURNACE	--	--	--	0 VA	1037 VA			1037 W	Other...	1-#12, 1-#12...	1	20 A	8
9	20 A	1	(EX) CONVENIENCE RCPT	--	--	--			0 VA	0 VA		--	(EX) LOBBY RCPT & LOBBY TV	1	20 A	10
11	20 A	1	(EX) CONVENIENCE RCPT	--	--	--			0 VA	0 VA		--	(EX) LOBBY RECEPTION	1	20 A	12
13	50 A	2	(EX) AC CONDENSER	--	--	--	0 VA	0 VA				--	(EX) AC CONDENSER	2	50 A	14
15	--	--	--	--	--	--						--	--	--	--	16
17	30 A	2	(EX) AC CONDENSER	--	--	--			0 VA	0 VA		--	(EX) SERVER RCPT	1	20 A	18
19	--	--	--	--	--	--	0 VA	0 VA				--	(EX) CONVENIENCE RCPT	1	20 A	20
21	--	--	SPACE	--	--	--			0 VA	0 VA		--	(EX) FURNACE	1	20 A	22
23	--	--	SPACE	--	--	--			0 VA	0 VA		--	(EX) SPARE	1	20 A	24
25	50 A	2	(EX) EXISTING LOAD	--	--	--	0 VA	0 VA				--	(EX) LTG - SOUTH OFFICES & HALL	1	20 A	26
27	--	--	--	--	--	--			0 VA	0 VA		--	(EX) CONVENIENCE RCPT	1	20 A	28
29	50 A	2	(EX) EXISTING LOAD	--	--	--			0 VA	0 VA		--	(EX) EXISTING LOAD	1	25 A	30
31	--	--	--	--	--	--			0 VA	0 VA		--	(EX) EXISTING LOAD	1	30 A	32
33	20 A	2	RCU-1	2-#12, 1-#12...	Equipment	4160 W		2080 VA	1037 VA		1037 W	Other...	1-#12, 1-#12...	1	20 A	34
35	--	--	--	--	--	--			2080 VA	1037 VA		Other...	1-#12, 1-#12...	1	20 A	36
37	20 A	1	LTG - OFFICE 3	1-#12, 1-#12...	Other...	1037 W	1037 VA	0 VA				--	SPACE	--	--	38
39	--	--	SPACE	--	--	--			0 VA	0 VA		--	SPACE	--	--	40
41	--	--	SPACE	--	--	--			0 VA	0 VA		--	SPACE	--	--	42
				Total Load:		2074 VA	3117 VA	27 VA								
				Total Amps:		17 A	27 A	27 A								

GENERAL NOTES:
 1. ALL INSULATION ON CONDUCTORS TO BE THHN UNLESS NOTED OTHERWISE. INSULATION ON ALL UNDERGROUND CONDUCTORS SHALL BE THHW.
 2. RECEPTACLE LOAD CALCULATED AS PER SECTION 220 OF THE NATIONAL ELECTRICAL CODE.

KEYED NOTES:
 1. LOCK - ON BREAKER.
 2. PROVIDE ARC FAULT (AFCI) BREAKER.

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	549 VA	125.00%	686 VA	
Other	0 VA	0.00%	0 VA	
Receptacle	3600 VA	100.00%	3600 VA	
				Total Conn. Load: 8309 VA
				Total Est. Demand: 8446 VA
				Total Conn. Current: 23 A
				Total Est. Demand Current: 23 A

Notes:
 ONLY NEW LOADS SHOWN. MAXIMUM LOAD SUPPLIED BY EXISTING PANELS 'A' AND 'B' IN THE PAST YEAR IS ESTIMATED AT 55.4-AMPERES PER THE EXISTING TENANTS' JULY 2021 UTILITY BILL.

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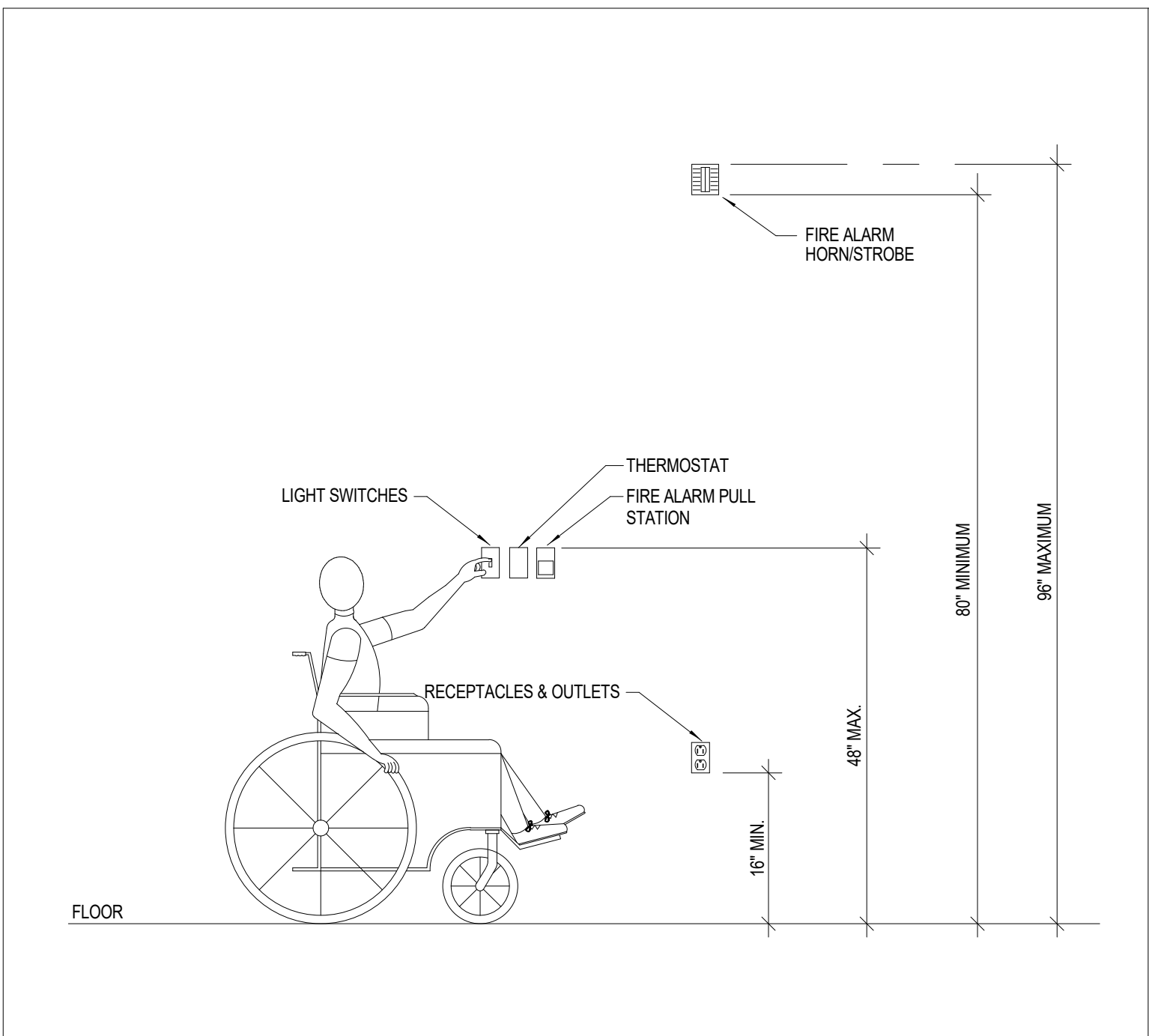
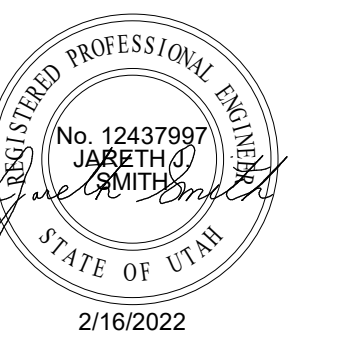
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ELECTRICAL SCHEDULES

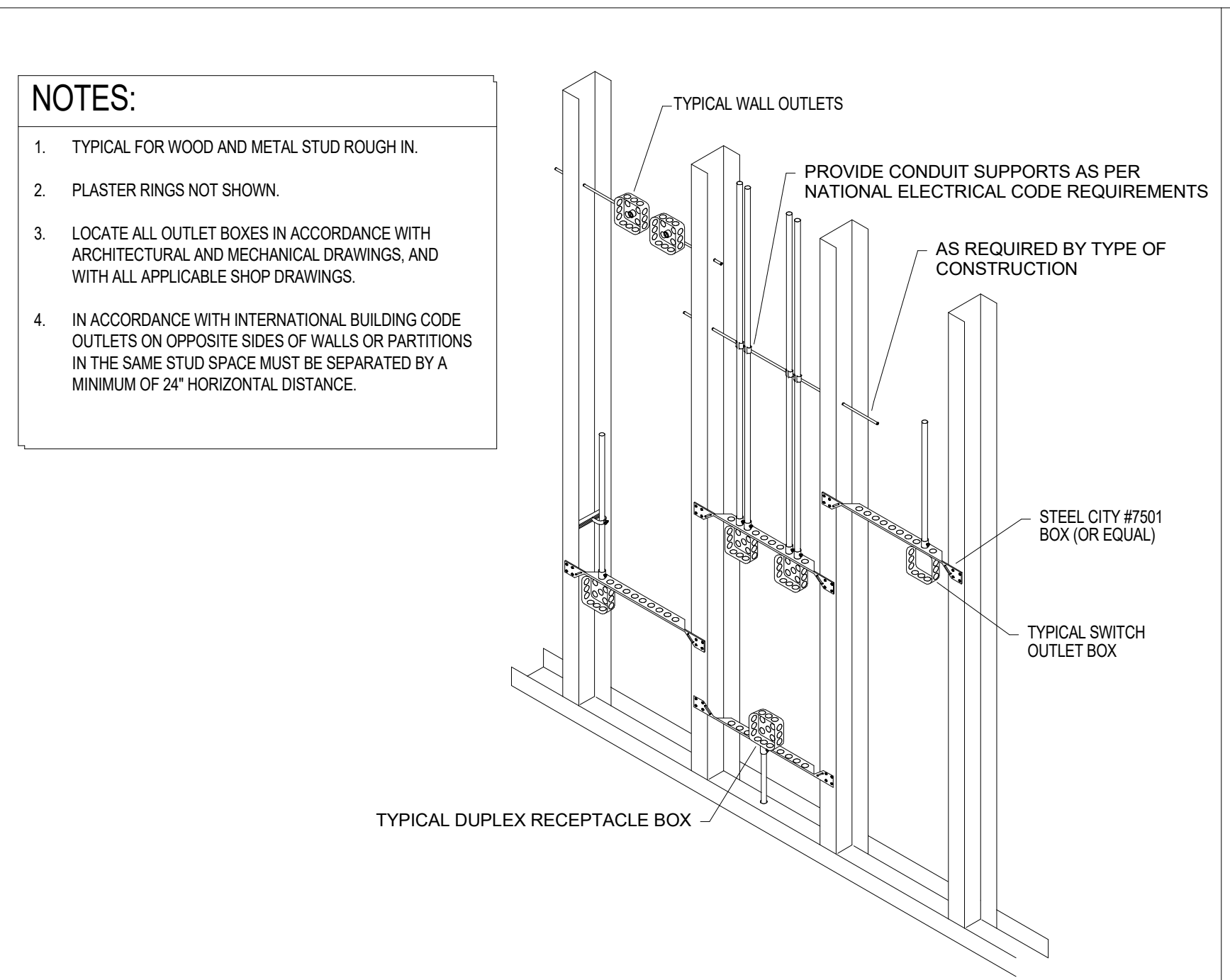


E501

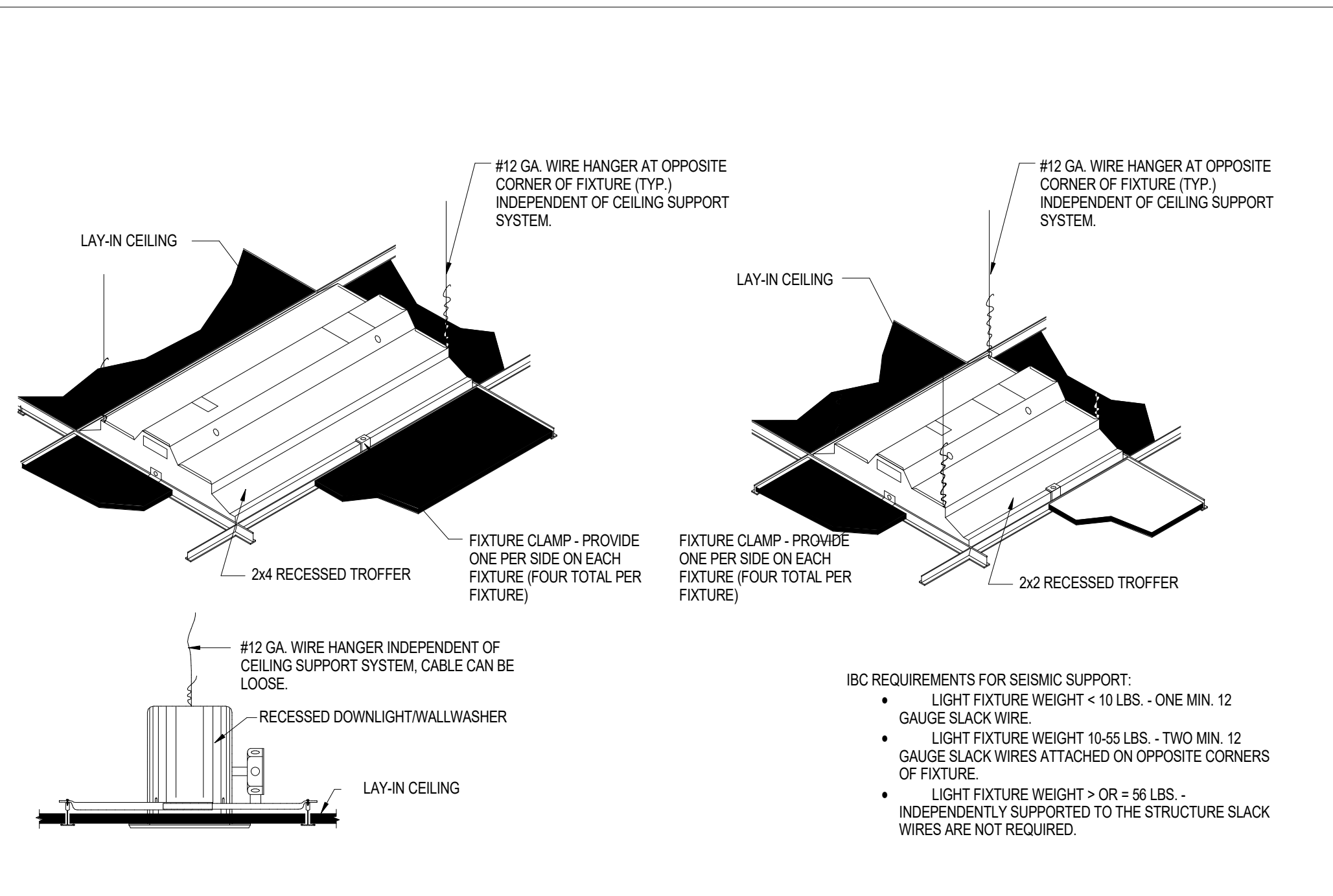
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A MOUNTING HEIGHTS DETAIL
E601

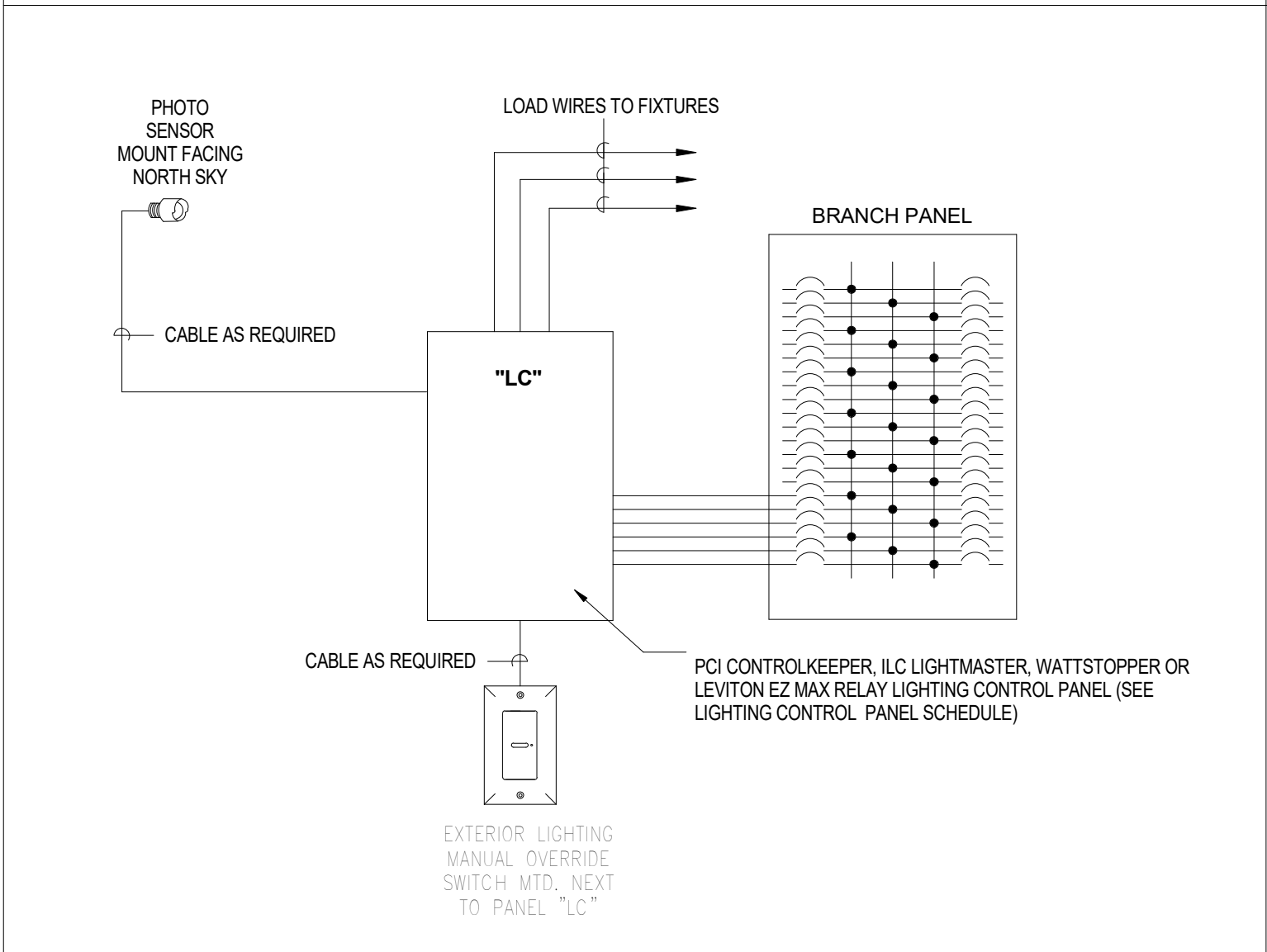


B TYPICAL ROUGH-IN REQUIREMENTS DETAIL
E601

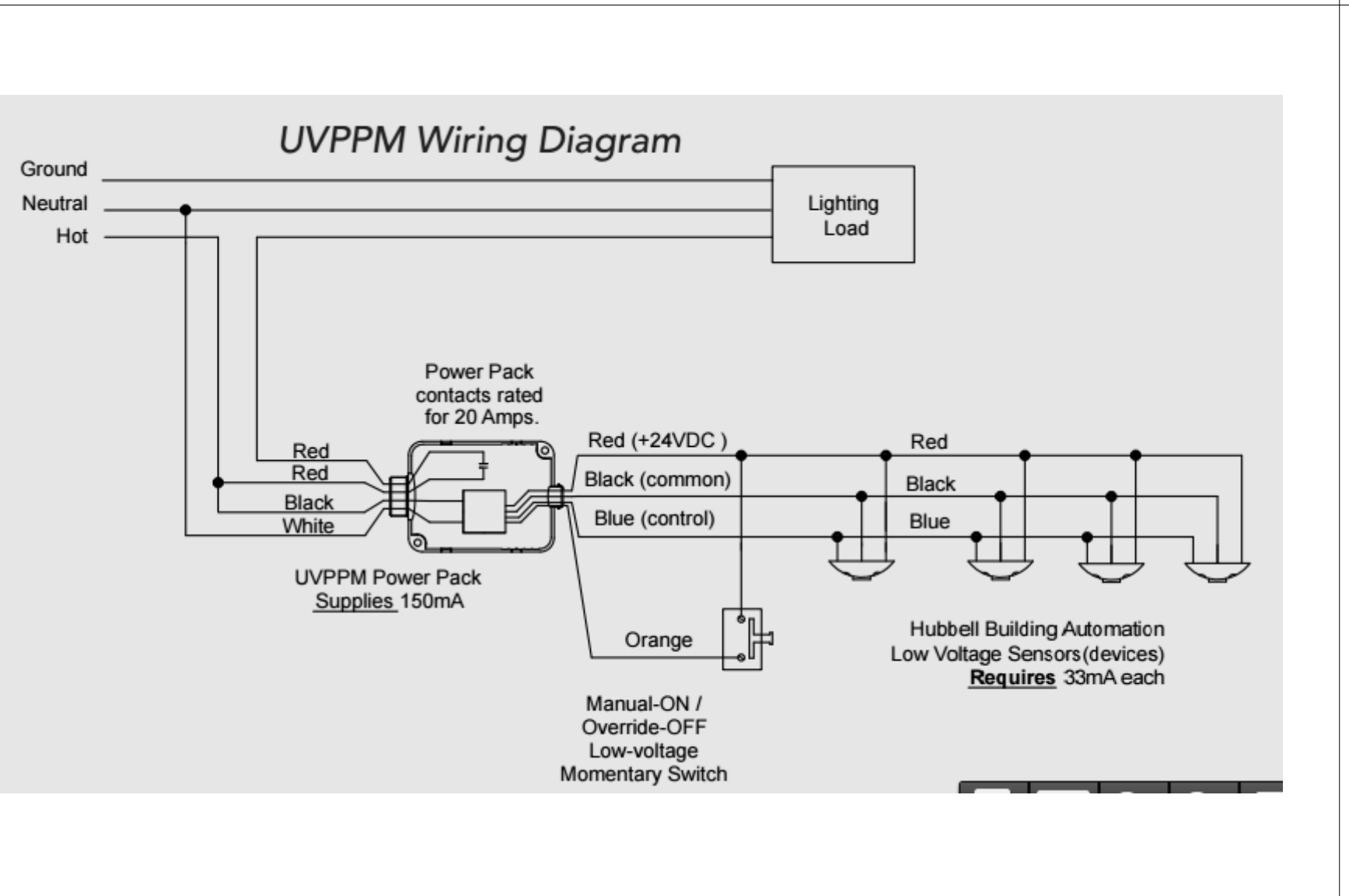


C LAY-IN GRID FIXTURE SEISMIC MOUNTING DETAILS
E601

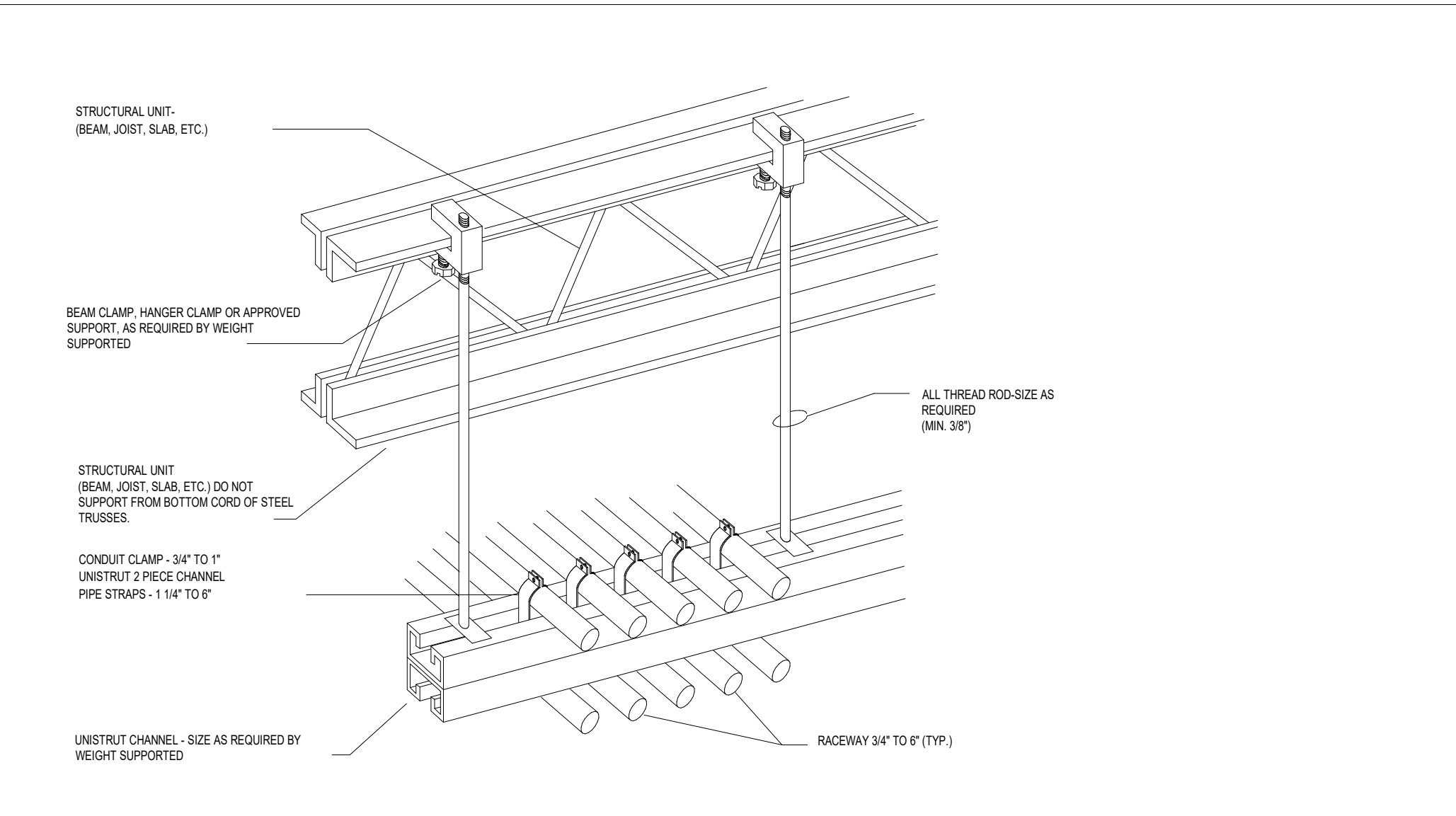
- IBC REQUIREMENTS FOR SEISMIC SUPPORT:
- LIGHT FIXTURE WEIGHT < 10 LBS. - ONE MIN. 12 GAUGE SLACK WIRE.
 - LIGHT FIXTURE WEIGHT 10-55 LBS. - TWO MIN. 12 GAUGE SLACK WIRES ATTACHED ON OPPOSITE CORNERS OF FIXTURE.
 - LIGHT FIXTURE WEIGHT > OR = 55 LBS. - INDEPENDENTLY SUPPORTED TO THE STRUCTURE SLACK WIRES ARE NOT REQUIRED.



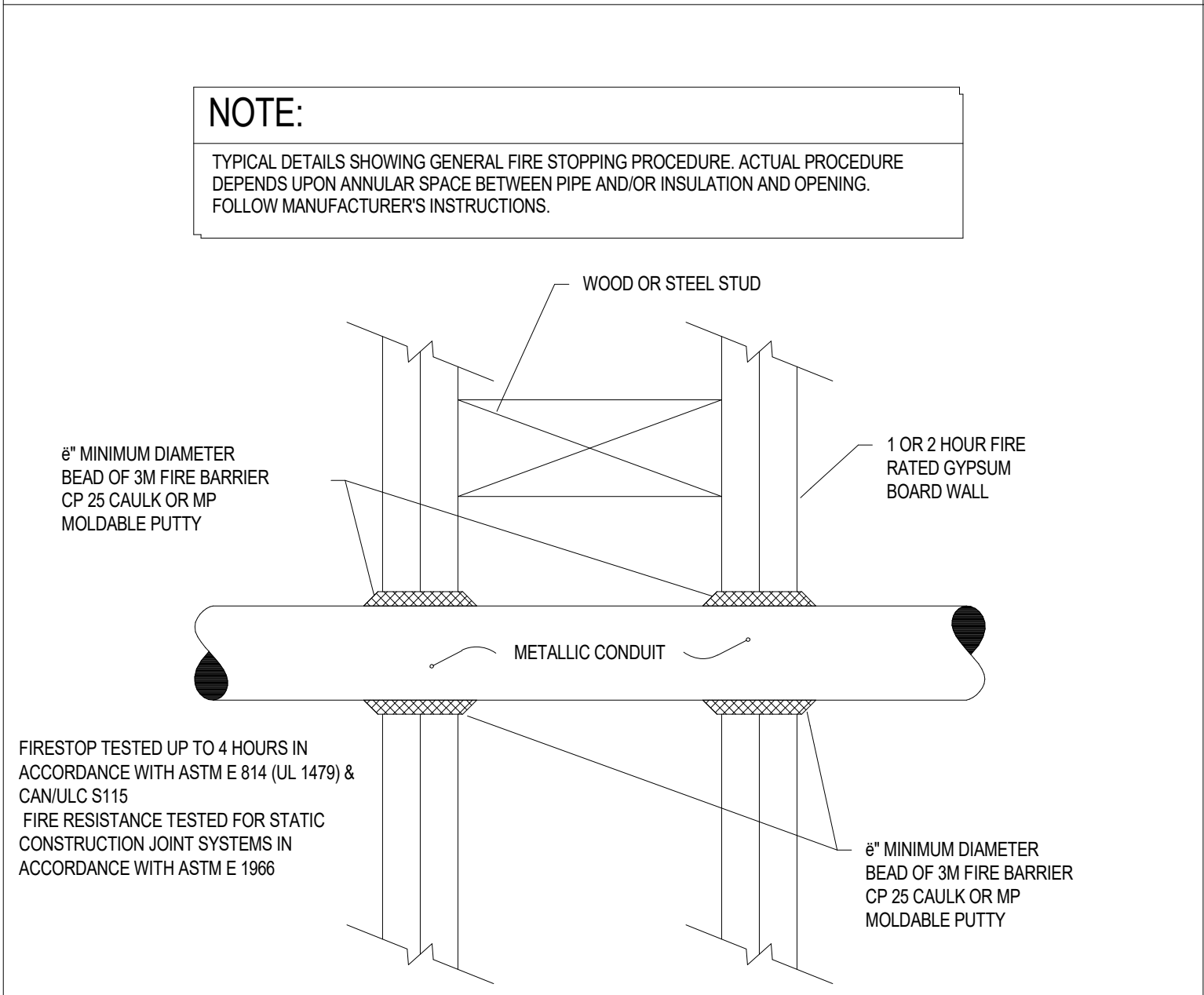
D LIGHTING CONTROL PANEL DETAIL
E601



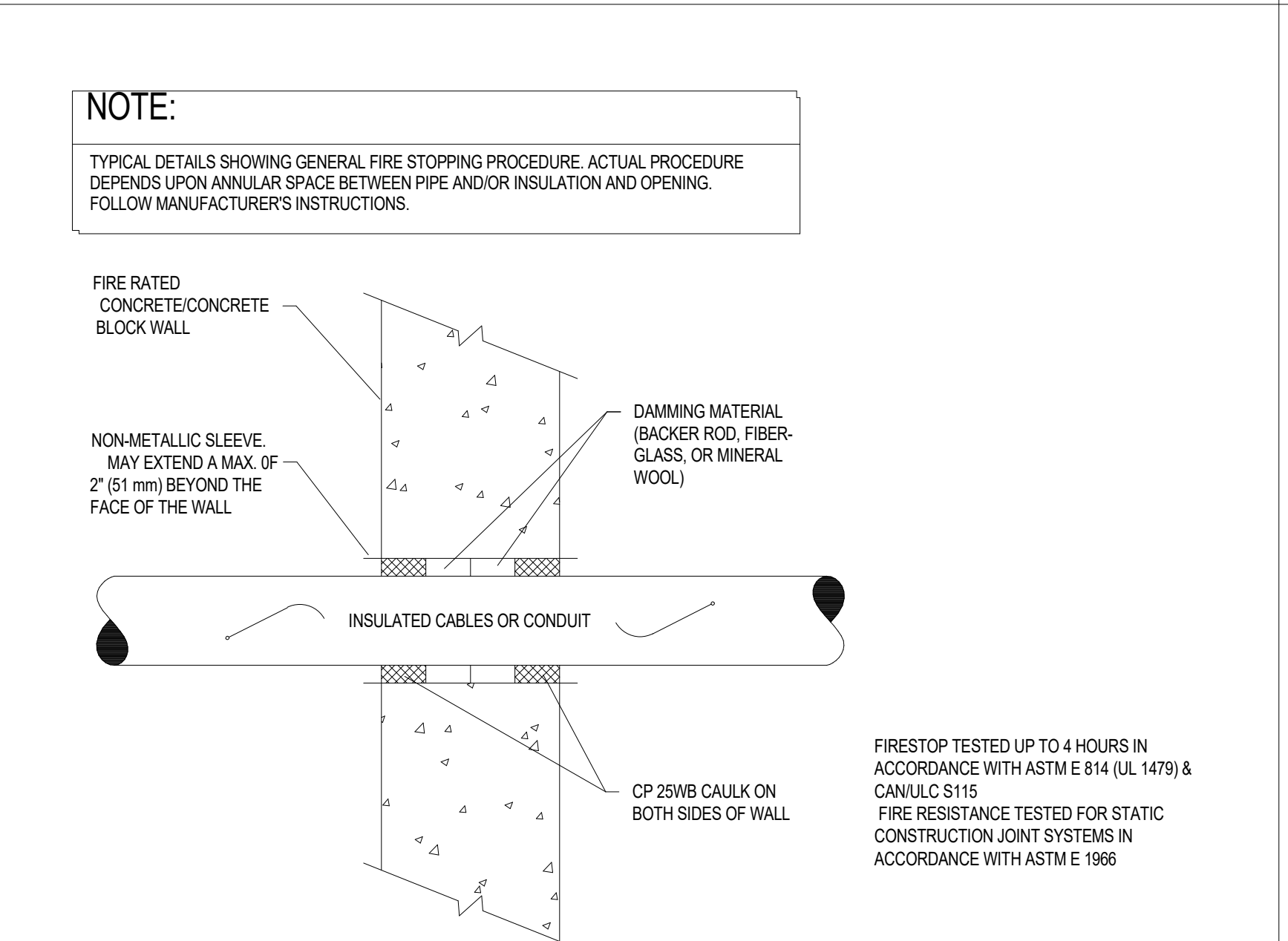
E LOW VOLTAGE OCCUPANCY WIRING DETAIL
E601



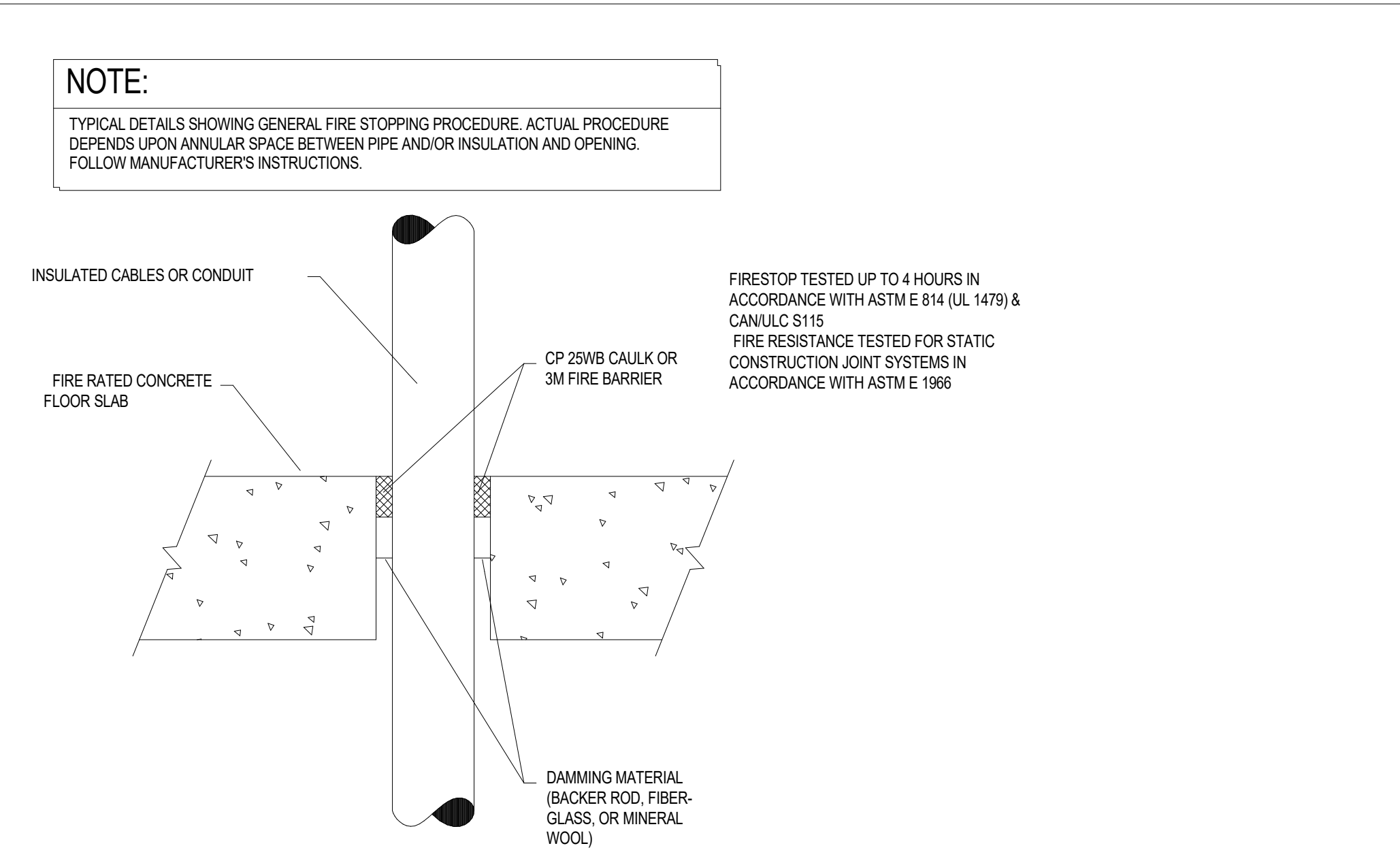
F TYPICAL TRAPEZE CONDUIT RACK
E601



G FIRE STOP THRU GYPSUM BOARD WALL
E601



H FIRE STOP THRU CONCRETE/MASONRY WALL
E601



I FIRESTOP THRU CONCRETE FLOOR
E601

Northpointe Medical Park
Building B, Level 2, Suite 203
TI For Sunset Counseling

2371 North 400 East
Tocoele, UT 84074

NJRA Project # 21014.00
Permit Set February 16, 2022



ELECTRICAL
DETAILS

E601