

2023 CALVIN RAMPTON BUILDING LEVEL 01 & 03 DPS REMODEL

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

11/30/2023
CONSTRUCTION BID SET



STATE OF UTAH
DEPARTMENT OF ADMINISTRATIVE SERVICES
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

4315 South 2700 West, Floor 3 | Taylorsville, UT 84129 / www.dfcm.utah.gov

DFCM PROJECT NO. 24371550

MECHANICAL ENGINEER



WHW ENGINEERING INC

8619 SOUTH SANDY PARKWAY #101 / SANDY, UTAH 84070
801466.4021 / www.whw-engineering.com

ELECTRICAL ENGINEER



SPECTRUM ENGINEERS

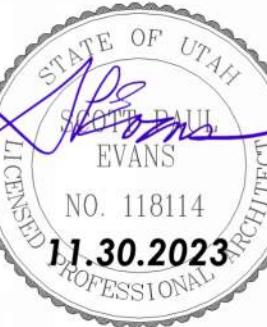
324 SOUTH STATE STREET #400 / SALT LAKE CITY, UTAH
84111 801.328.5151 / www.spdesign.com



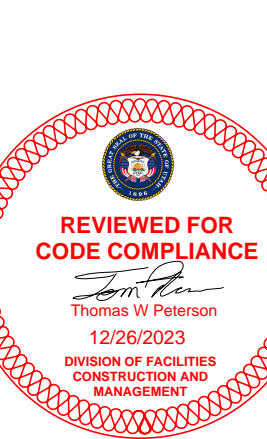
SPE ARCHITECTS

P.O. Box 517
Kaysville, Utah 84037
t. 801.298.1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP



CODE OFFICIAL STAMP



PROJECT NAME:

2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS

NO.	DATE	DESCRIPTION
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NO.	DATE	DESCRIPTION
01	11/30/23	CONSTRUCTION BID SET

ISSUED:

NO.	DATE	DESCRIPTION

OWNER PROJECT #:

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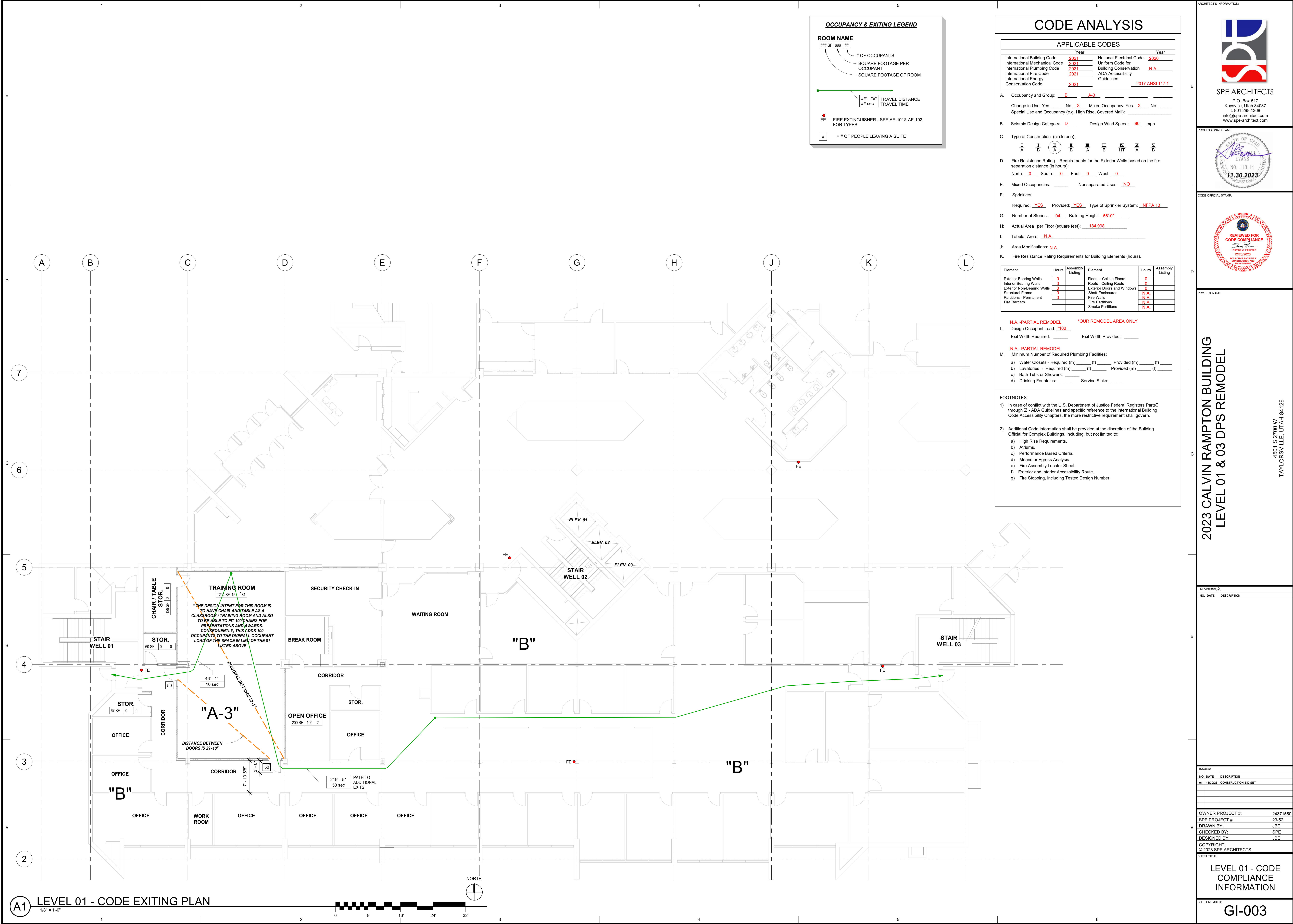
SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

GI-001

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t: 801.298.1368
info@spe-architect.com
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LEVEL 01 & 03 DPS REMODEL

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OWNER PROJECT #:

24371550

SPE PROJECT #:

23-52

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SHEET TITLE

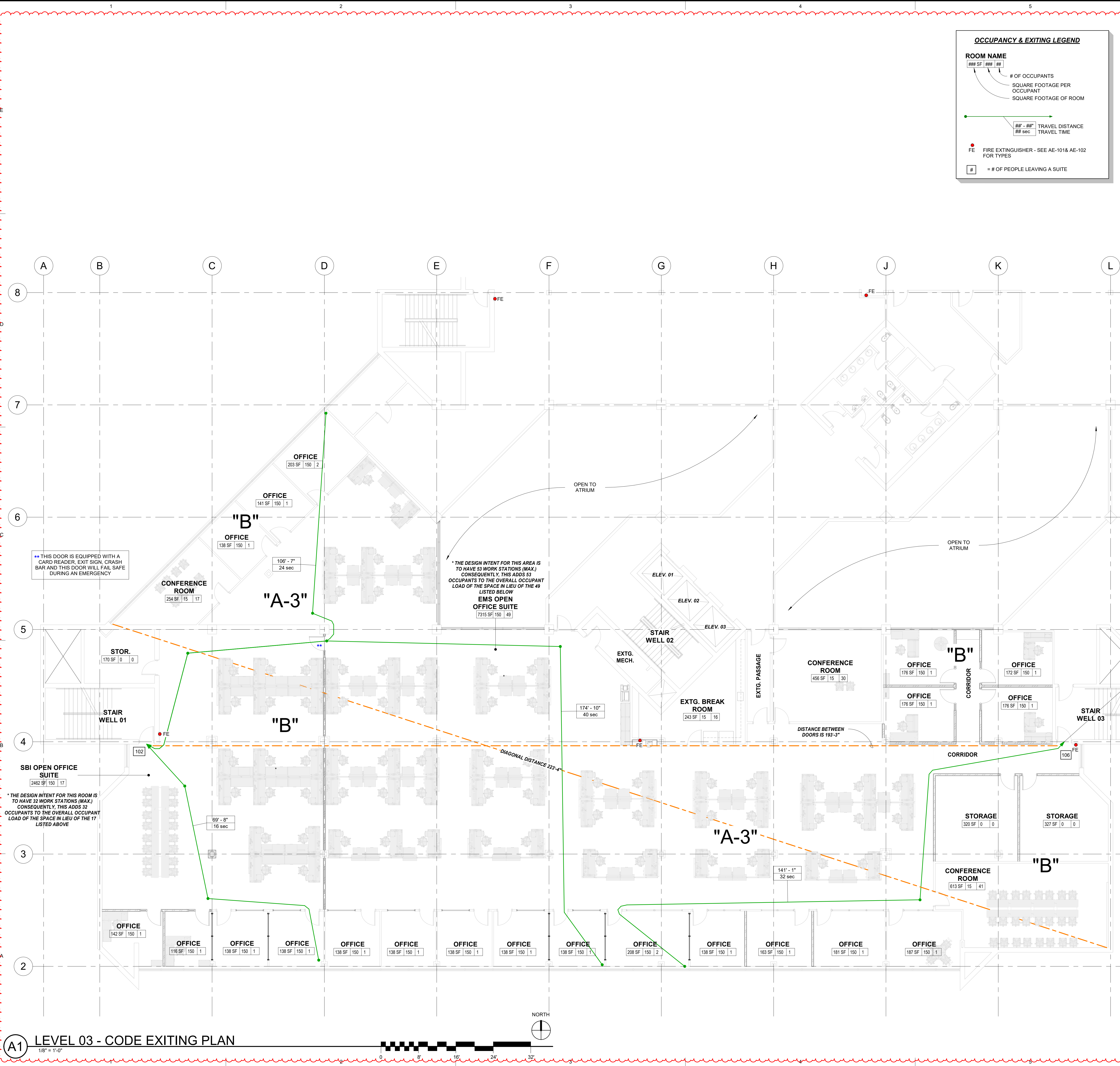
LEVEL 01 - CODE
COMPLIANCE
INFORMATION

SHEET NUMBER

GI-003

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

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OCCUPANCY & EXITING LEGEND			
ROOM NAME			
### SF	###	# OF OCCUPANTS	
### SF	###	SQUARE FOOTAGE PER OCCUPANT	
### SF	###	SQUARE FOOTAGE OF ROOM	
		### - ###	TRAVEL DISTANCE
		### sec	TRAVEL TIME
FE FIRE EXTINGUISHER - SEE AE-101& AE-102 FOR TYPES			
# = # OF PEOPLE LEAVING A SUITE			

CODE ANALYSIS

APPLICABLE CODES			
Year		Year	
International Building Code	2021	National Electrical Code	2020
International Mechanical Code	2021	Uniform Code for Building Conservation	N.A.
International Plumbing Code	2021	ADA Accessibility Guidelines	2017 ANSI 117.1
International Fire Code	2021		
International Energy Conservation Code	2021		

- A. Occupancy and Group: B A-3
- Change in Use: Yes No X Mixed Occupancy: Yes X No No
Special Use and Occupancy (e.g. High Rise, Covered Mall): No
- B. Seismic Design Category: D Design Wind Speed: 90 mph
- C. Type of Construction (circle one):
I II III IV V
A B A B A B HT A B
- D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):
North: 0 South: 0 East: 0 West: 0
- E. Mixed Occupancies: No Nonseparated Uses: NO
- F. Sprinklers:
Required: YES Provided: YES Type of Sprinkler System: NFPA 13
- G. Number of Stories: 04 Building Height: 56'-0"
- H. Actual Area per Floor (square feet): 184,998
- I. Tabular Area: N.A.
- J. Area Modifications: N.A.
- K. Fire Resistance Rating Requirements for Building Elements (hours):

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	<u>0</u>		Floors - Ceiling Floors	<u>0</u>	
Interior Bearing Walls	<u>0</u>		Roofs - Ceiling Roofs	<u>0</u>	
Exterior Non-Bearing Walls	<u>0</u>		Exterior Doors and Windows	<u>0</u>	
Structural Frame	<u>0</u>		Shaft Enclosures	<u>N.A.</u>	
Partitions - Permanent	<u>0</u>		Fire Walls	<u>N.A.</u>	
Fire Barriers	<u>0</u>		Fire Partitions	<u>N.A.</u>	
			Smoke Partitions	<u>N.A.</u>	

- N.A. - PARTIAL REMODEL *OUR REMODEL AREA ONLY
- L. Design Occupant Load: 2211
Exit Width Required: Exit Width Provided:
- M. Minimum Number of Required Plumbing Facilities:
a) Water Closets - Required (m) (f) Provided (m) (f)
b) Lavatories - Required (m) (f) Provided (m) (f)
c) Bath Tubs or Showers:
d) Drinking Fountains: Service Sinks:

- FOOTNOTES:
- 1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through X - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
- 2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings, including, but not limited to:
a) High Rise Requirements.
b) Atriums.
c) Performance Based Criteria.
d) Means of Egress Analysis.
e) Fire Assembly Locator Sheet.
f) Exterior and Interior Accessibility Route.
g) Fire Stopping, Including Tested Design Number.

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PROJECT NAME:

2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

REVISIONS:

NO.	DATE	DESCRIPTION
1	11/29/23	RESPONSE TO RBC CODE COMMENTS

ISSUED:

NO.	DATE	DESCRIPTION
01	11/29/23	CONSTRUCTION BID SET

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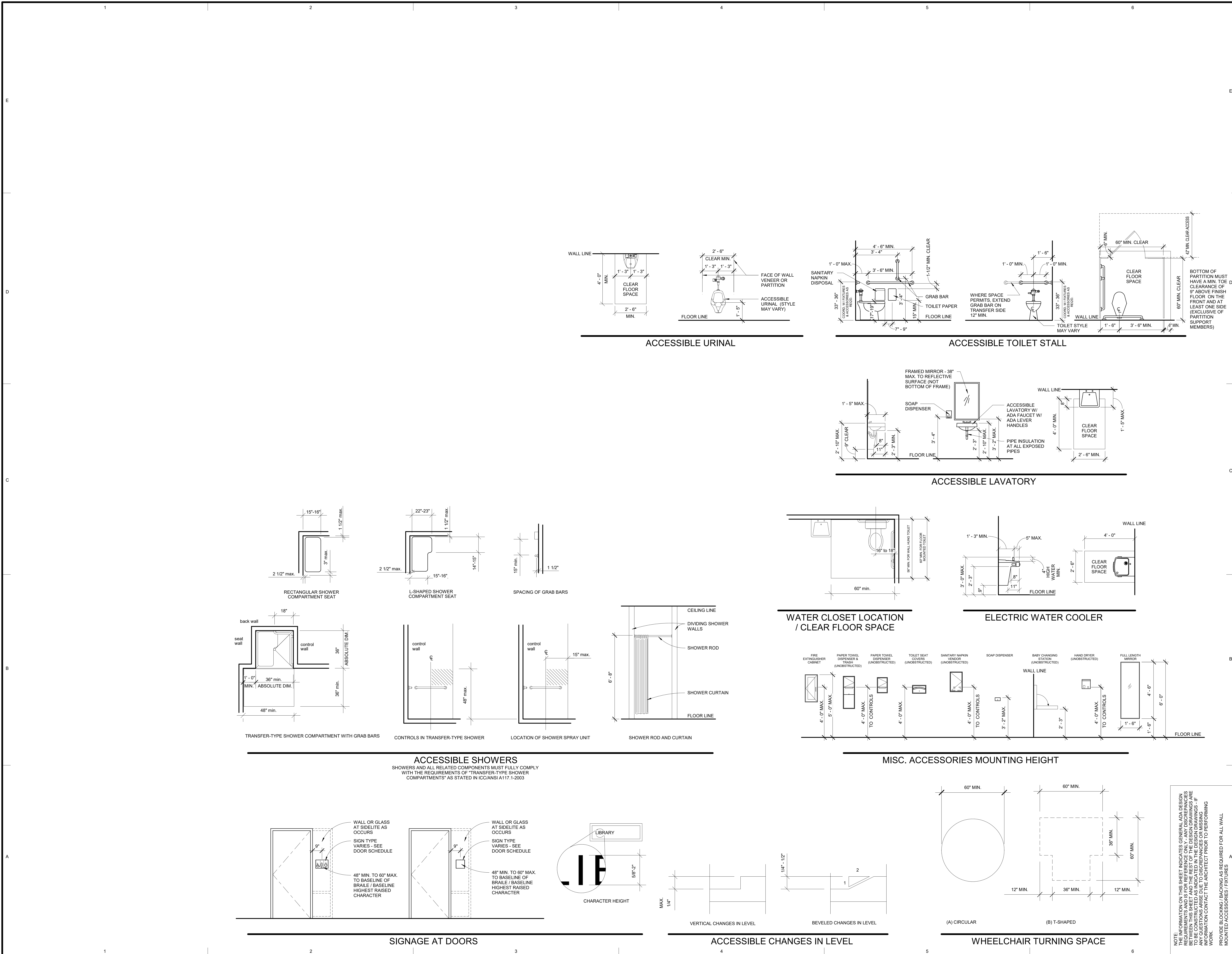
LEVEL 03 - CODE COMPLIANCE INFORMATION

SHEET NUMBER:

GI-004

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

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info@spe-architect.com
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LEVEL 01 & 03 DPS REMODEL**

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OWNER PROJECT #:

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SPE PROJECT #:

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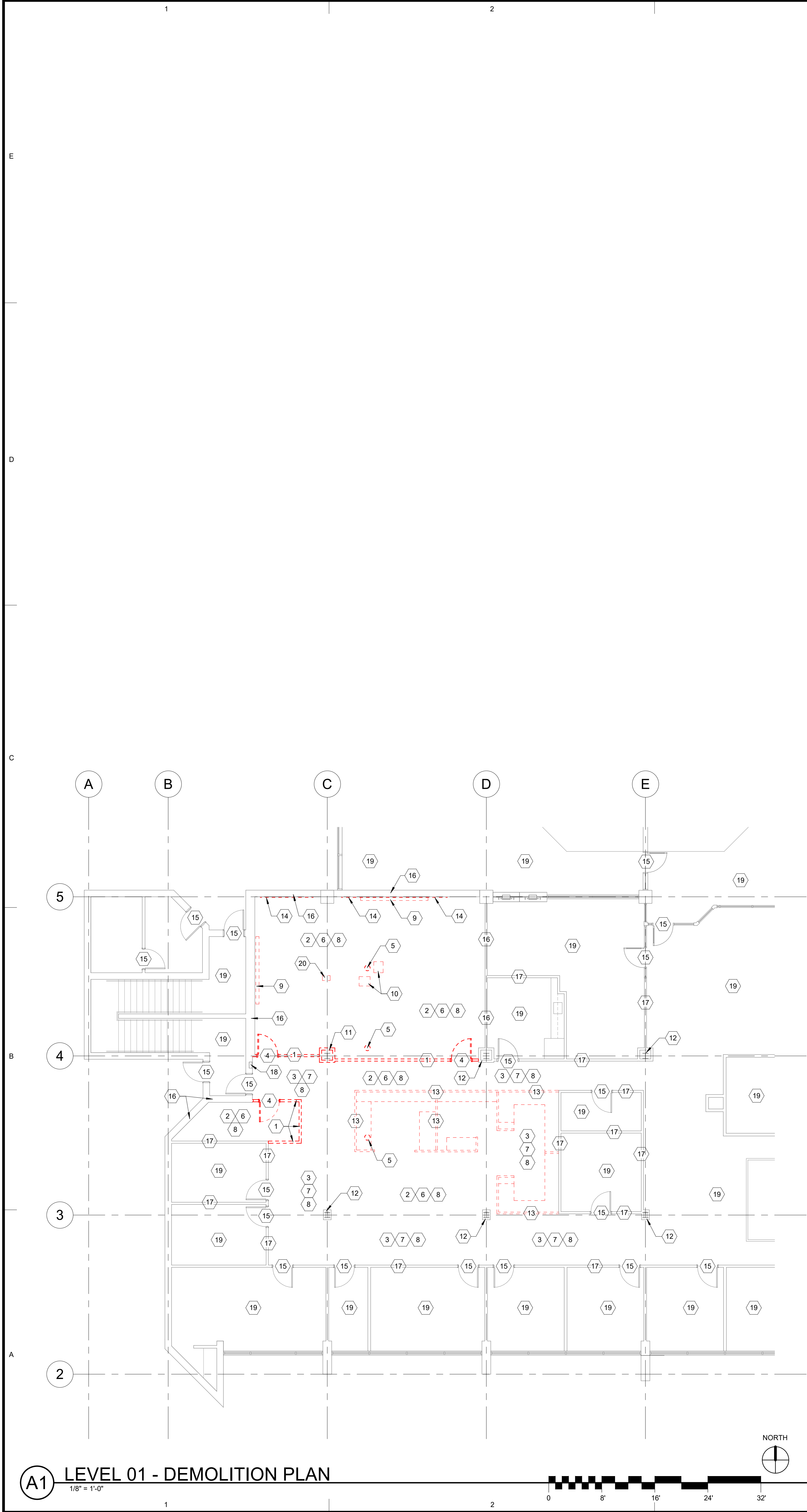
SHEET TITLE

**ADA GENERAL
REQUIREMENTS**

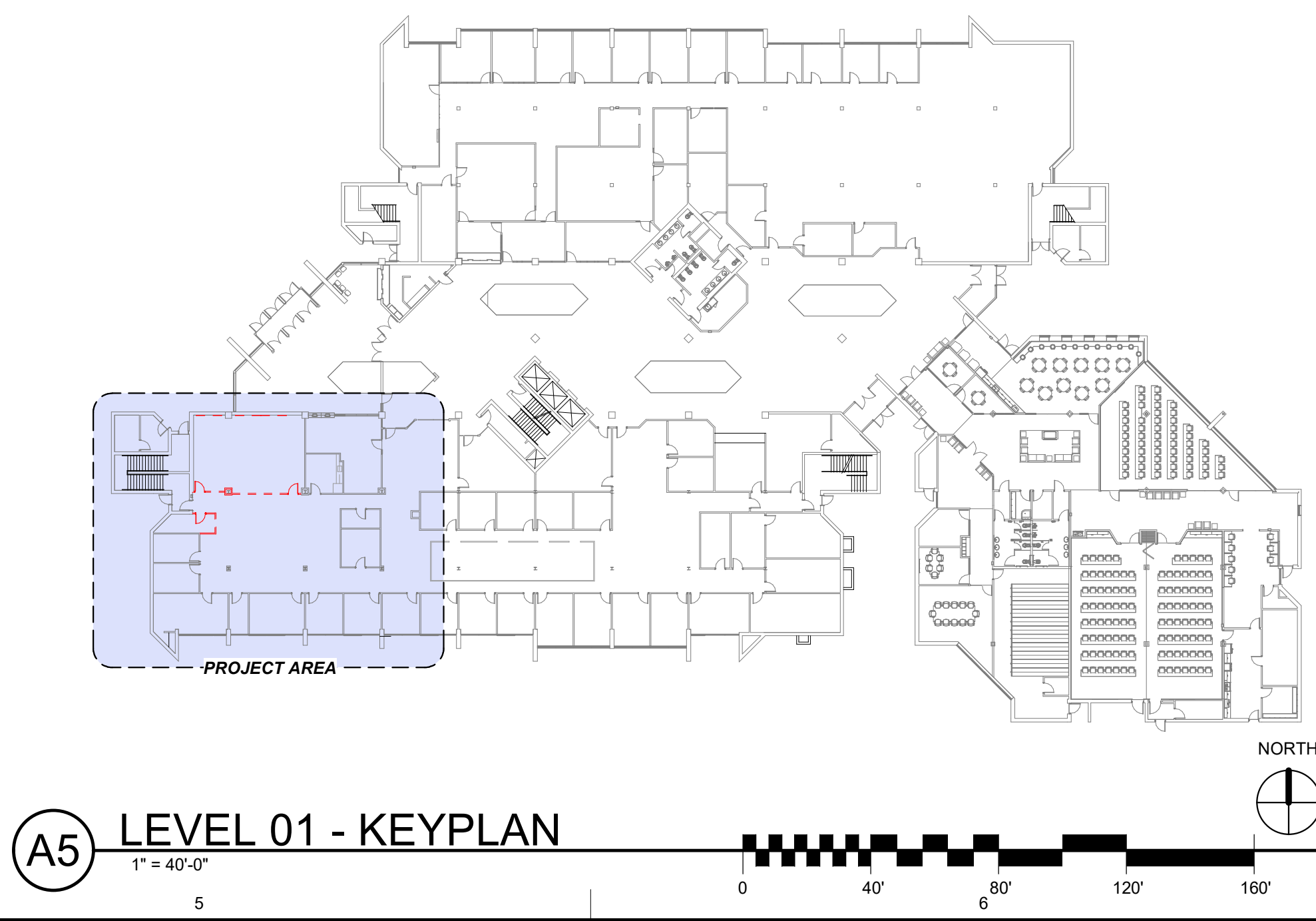
SHEET NUMBER

GI-006

4501 S 2700 W
TAYLORSVILLE, UTAH 84129



A1 LEVEL 01 - DEMOLITION PLAN



A5 LEVEL 01 - KEYPLAN

**CALVIN RAMPTON LEVEL 01
3D SCAN LINK**


CLICK HERE (ORIGINAL .PDF FILE ONLY), OR SCAN QR
CODE OR ENTER URL BELOW INTO AN INTERNET
BROWSER FOR 3D SCAN OF EXISTING CONDITIONS
bit.ly/Calvin_Rampton_Level01 (note that url is case sensitive)

**CALVIN RAMPTON LEVEL 03
3D SCAN LINK**

CLICK HERE (ORIGINAL .PDF FILE ONLY), OR SCAN QR
CODE OR ENTER URL BELOW INTO AN INTERNET
BROWSER FOR 3D SCAN OF EXISTING CONDITIONS
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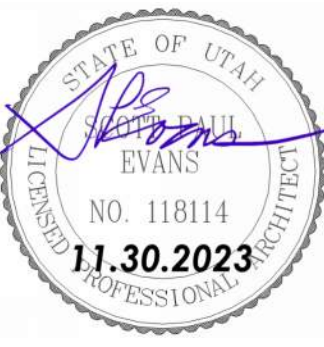
- KEYED NOTES**
1. REMOVE EXTG. MODULAR WALL & ALL RELATED MATERIALS.
 2. REMOVE EXTG. CARPET & RUBBER BASE.
 3. REMOVE / MODIFY EXTG. CARPET TILES - REFER TO AE-101.
 4. REMOVE & EXTG. DOOR / FRAME / GLASS (WHERE OCCURS) & ALL RELATED MATERIALS.
 5. COREDRILL INTO EXTG. CONCRETE SLAB AS REQUIRED TO INSTALL NEW POWER & DATA - PATCH/REPAIR EXTG. CONCRETE SLAB AS REQUIRED - REFER ELECTRICAL DRAWINGS - COORDINATE WITH THE SHEET AE-102 - X-RAY EXTG. CONCRETE SLAB AS REQUIRED TO AVOID ANY EXISTING UNDERGROUND CONDUITS.
 6. REMOVE EXTG. LAY-IN CEILING SYSTEM & ALL RELATED CEILING EQUIPMENT INCLUDING BUT NOT LIMITED TO HVAC GRILLES, SPEAKERS ETC. - EXTG. LIGHT FIXTURES, MICROPHONES, CAMERAS TO BE REUSED - REFER TO MECHANICAL & ELECTRICAL DRAWINGS.
 7. MODIFY EXTG. LAY-IN CEILING SYSTEM & ALL RELATED CEILING EQUIPMENT AS REQUIRED - REFER TO MECHANICAL & ELECTRICAL DRAWINGS - SEE AE-
 8. MODIFY/RELOCATE EXTG. FIRE SPRINKLER HEADS AS REQUIRED AS A DEFERRED SUBMITTAL - REFER TO GI-002.
 9. REMOVE EXTG. WALL MOUNTED POWERED PROJECTION SCREEN - SALVAGE FOR REUSE - REFER TO AE-103 - REFER TO ELECTRICAL DRAWINGS.
 10. REMOVE EXTG. CEILING/POLE MOUNTED PROJECTOR - SALVAGE FOR REUSE - REFER TO AE-103 - REFER TO ELECTRICAL DRAWINGS.
 11. REMOVE EXTG. FURRING AROUND STEEL COLUMN - EXTG. STEEL COLUMN IS TO REMAIN - PROTECT FROM DAMAGE.
 12. EXTG. GYP. BD. FURRING AROUND STEEL COLUMN TO REMAIN - EXTG. STEEL COLUMN IS TO REMAIN - PROTECT FROM DAMAGE.
 13. EXTG. SYSTEM FURNITURE WILL BE REMOVED BY THE OWNER BEFORE THIS REMODEL STARTS.
 14. EXTG. WALL MOUNTED MARKER BOARD WILL BE REMOVED BY THE OWNER BEFORE THIS REMODEL STARTS.
 15. EXTG. DOOR TO REMAIN - PROTECT FROM DAMAGE.
 16. EXTG. WALL TO REMAIN - PROTECT FROM DAMAGE - PREP WALL AS REQUIRED FOR NEW WORK - REFER TO FLOOR PLAN & FINISH SCHEDULE.
 17. EXTG. MODULAR WALL SYSTEM TO REMAIN - PROTECT FROM DAMAGE.
 18. EXTG. FIRE EXTINGUISHER CABINET TO REMAIN.
 19. EXTG. FLOORING, CEILING, MILLWORK & WALLS TO REMAIN PROTECT FROM DAMAGE.
 20. PATCH EXTG. HOLE IN THE CONCRETE FLOOR WHERE THE EXTG. OUTLET BOXES IS TO BE REMOVED - REFER TO ELECTRICAL DRAWINGS.

ARCHITECTS INFORMATION

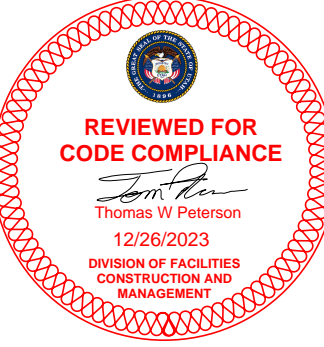


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P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
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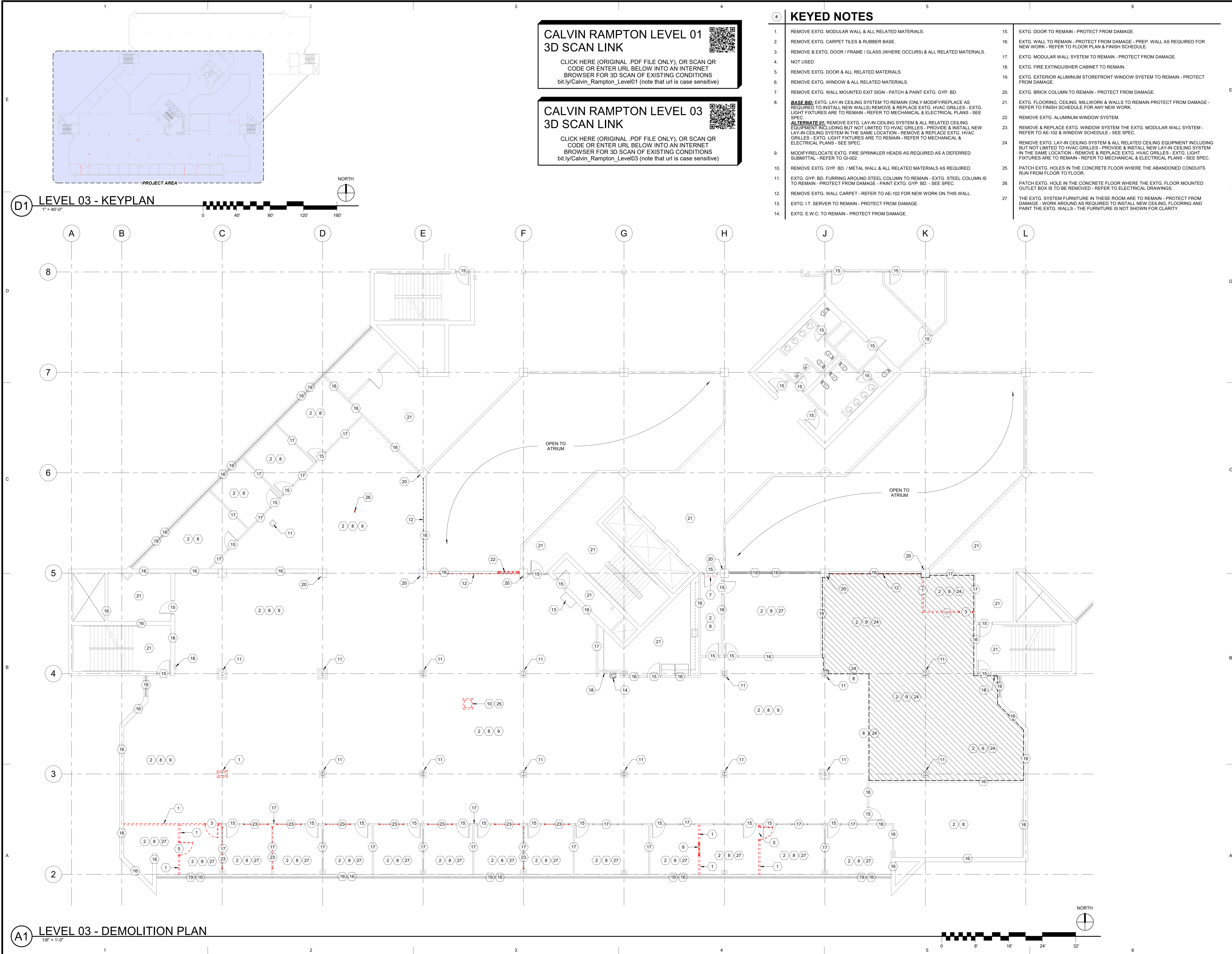
**LEVEL 01
DEMOLITION
PLAN**

SHEET NUMBER

AD-101

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

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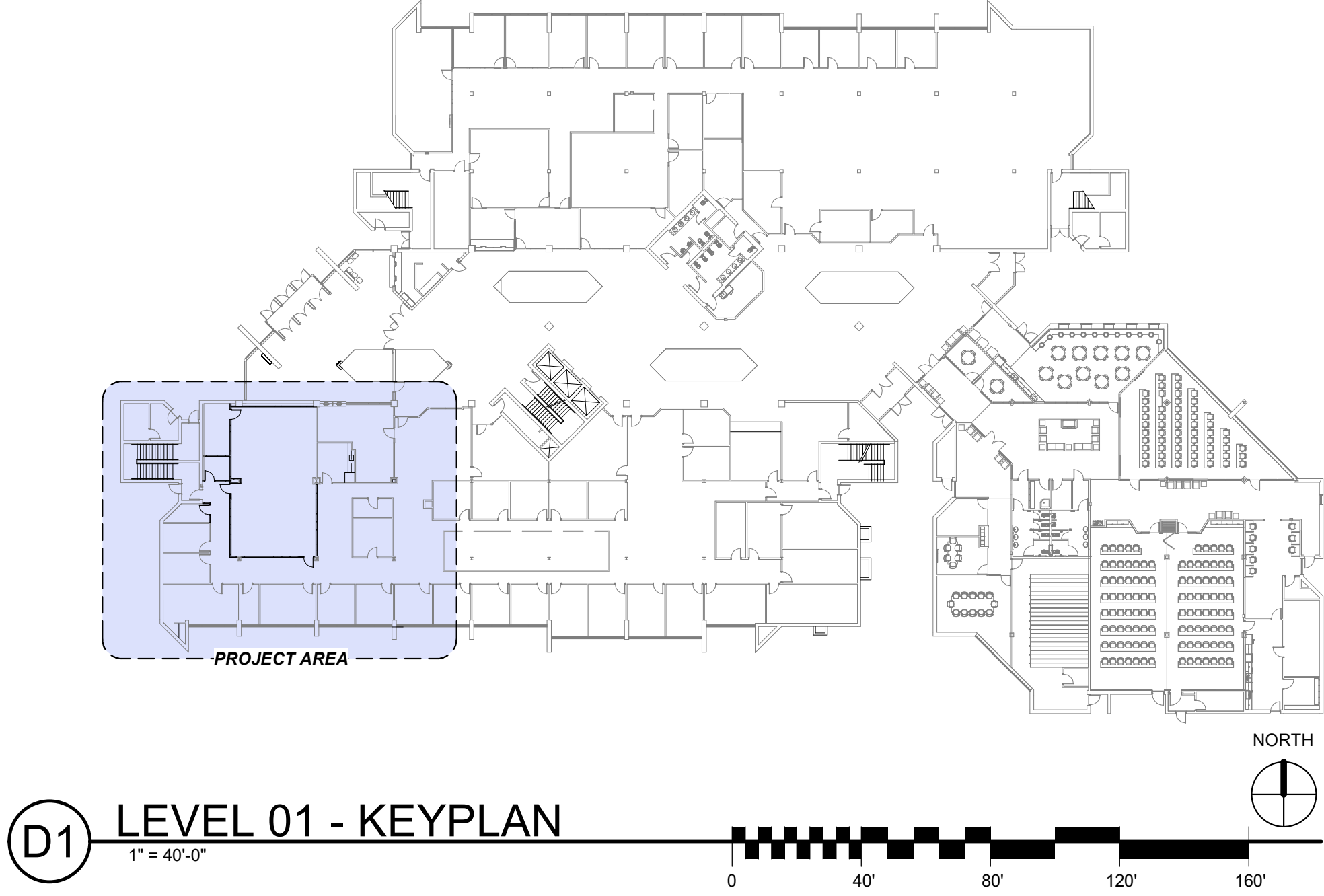
LEVEL 03
DEMOLITION
PLAN

SHEET NUMBER

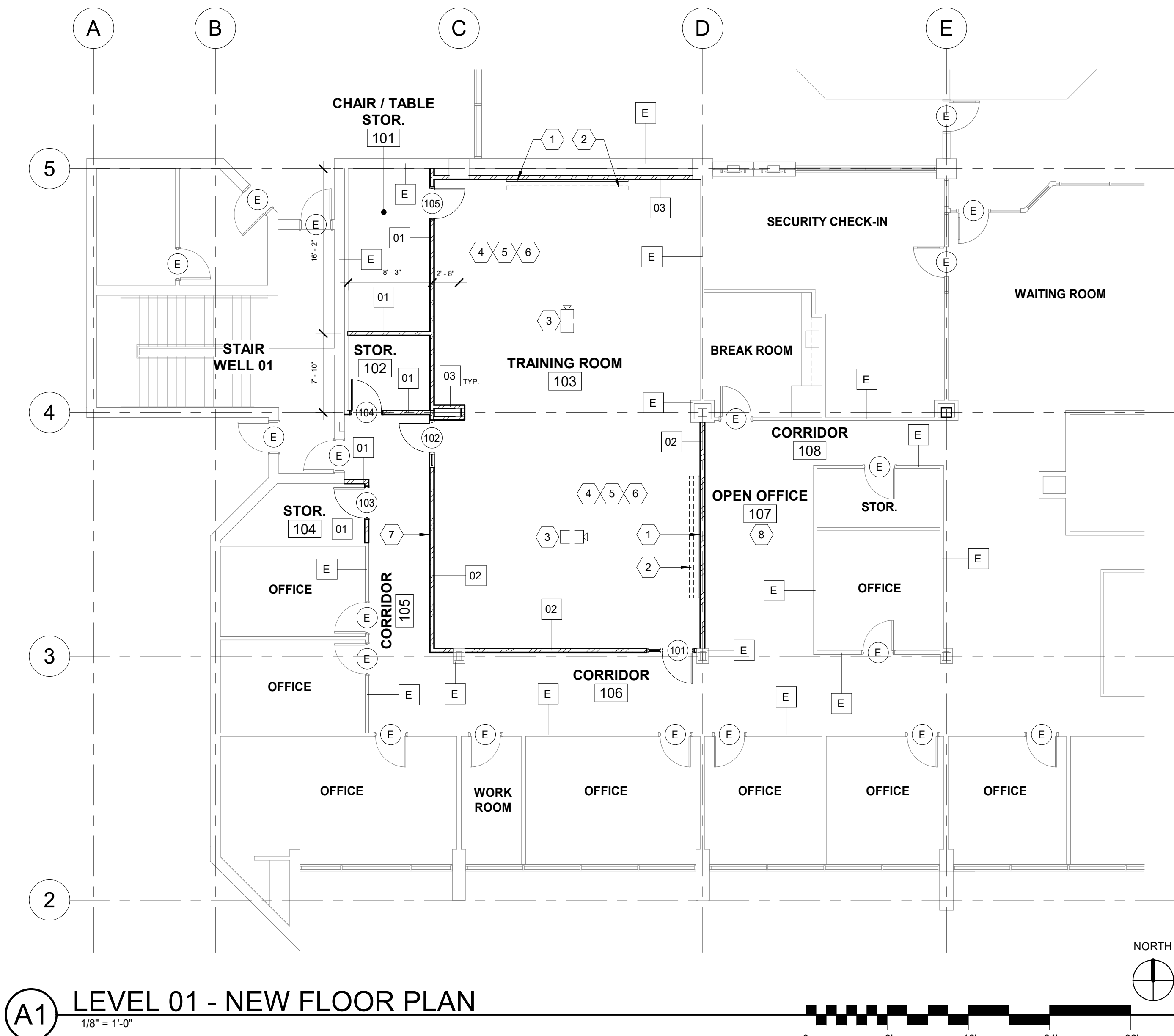
AD-102

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

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D1 LEVEL 01 - KEYPLAN



A1 LEVEL 01 - NEW FLOOR PLAN

- IMPORTANT WALL TYPE NOTES**
(COORDINATE AS REQUIRED)
- THE WALL TYPES LEGEND DESCRIBES THE "CORE" WALL TYPE (MATERIALS/ WIDTHS ONLY). UNLESS NOTED OTHERWISE, FINISHES SUCH AS PAINT, CERAMIC TILE (THICK & THIN SET), SEALERS ETC. ARE NOT INCLUDED IN THE WALL TYPE DESCRIPTION AND ARE INDICATED IN THE FINISH SCHEDULE - COORDINATE AS REQUIRED.
 - ALL NON-STRUCTURAL AND NON-SOUND RATED INTERIOR PARTITIONS AND FURRED WALLS ARE TO (UNLESS NOTED OTHERWISE) RUN TO 6" MIN. ABOVE THE CEILING AND BE BRACED TO THE STRUCTURE AT 4'-0" O.C.
 - ALL SOUND / FIRE RATED WALLS ARE TO BE RUN UP TO THE DECK / STRUCTURE ABOVE WITH A SLIP JOINT AT HEAD OF WALL AND HAVE ALL GAPS SEALED WITH AN ACOUSTICAL / FIRE RATED SEALANT.
 - CAREFULLY COORDINATE ALL WALL TYPES WITH THE BUILDING / WALL SECTIONS AS WELL AS ALL REFERENCED ENLARGED DETAILS FOR FURTHER AND MORE DETAILED INFORMATION

MARK	WALL TYPES LEGEND			
	DESIGNATION	DESCRIPTION	SOUND RATING	FIRE RATING
01		3 5/8" 20 ga. g.i. metal studs at 16" o.c. with 5/8" type "X" gyp. bd. each side - run wall 6" above ceiling & brace to structure above per detail D1/AE-501 - refer to base of wall detail E2/AE-501	None	None
02		3 5/8" 20 ga. g.i. metal studs at 16" o.c. with 1/2" resilient clip one side and 5/8" gyp. bd. both sides. Provide 3" sound attenuation blankets between studs - run wall to the structure above attach per detail E3/AE-501 - refer to base of wall detail D2/AE-501	Yes	None
03		5/8" type "X" gyp. bd. on 3 5/8" 20 ga. g.i. metal studs at 16" o.c. - run wall 6" above ceiling & brace to structure above per detail D1/AE-501 - refer to base of wall detail E2/AE-501	None	None
E		Extg. wall (wall makeup varies i.v.) protect from damage, repair / patch & paint as required - refer to finish schedule - see spec.		

- KEYED NOTES**
- PROVIDE & INSTALL NEW 10X4 GLASS MARKER BOARD - SEE SPEC.
 - REINSTALL EXTG. WALL MOUNTED RETRACTABLE PROJECTION SCREEN - REFER TO ELECTRICAL.
 - REINSTALL EXTG. CEILING MOUNTED PROJECTOR - REFER TO REFLECTED CEILING PLAN & ELECTRICAL DRAWINGS.
 - INSTALL (3) NEW FLOOR OUTLET BOX - EXTG. FLOOR CONSTRUCTION IS CONCRETE ON METAL DECK (THERE IS BASEMENT LEVEL THIS AREA) F.V. - REFER TO ELECTRICAL DRAWINGS - PATCH CONCRETE AS REQUIRED.
 - REINSTALL EXTG. CONFERENCE ROOM MICROPHONES ADD TO EXTG. SYSTEM IF REQUIRED - REFER TO REFLECTED CEILING PLAN & ELECTRICAL DRAWINGS.
 - REINSTALL EXTG. CEILING MOUNTED A/V CONFERENCE ROOM CAMERAS - REFER TO REFLECTED CEILING PLAN & ELECTRICAL DRAWINGS.
 - NEW MAGNETIC PAINTED WALL - REFER TO FINISH SCHEDULE - SEE SPEC.
 - NEW SYSTEM FURNITURE IN THIS AREA - BY OWNER - COORDINATE AS REQUIRED.

ARCHITECTS INFORMATION

P.O. Box 517
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SPE PROJECT #: 23-52
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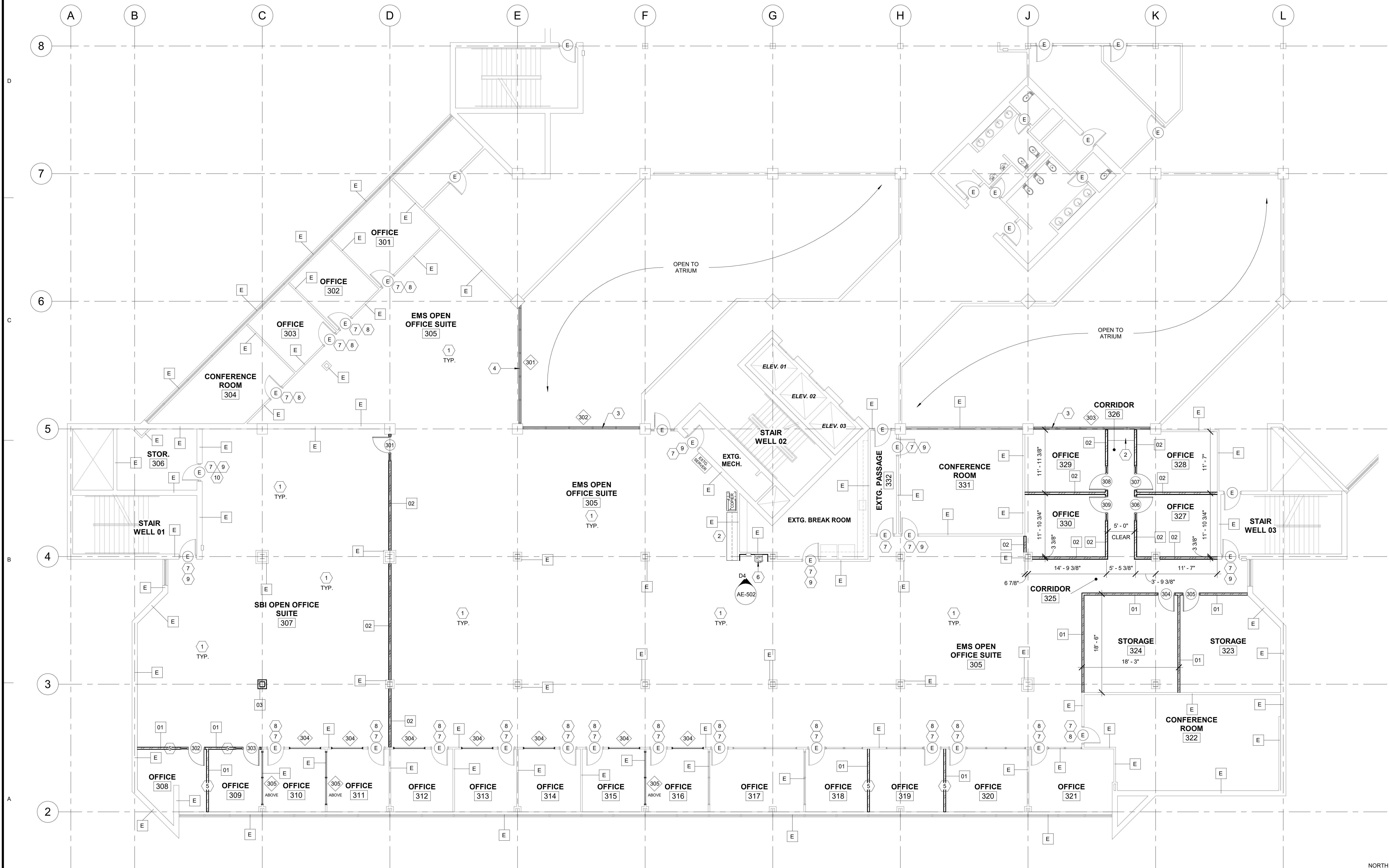
SHEET TITLE

LEVEL 01 NEW FLOOR PLAN

SHEET NUMBER

AE-101

4501 S 2700 W
TAYLORSVILLE, UTAH 84129






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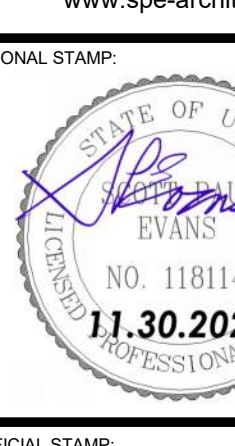
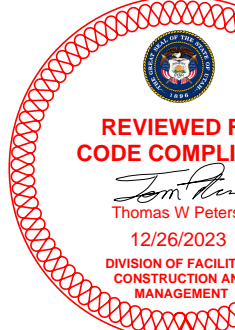
IMPORTANT WALL TYPE NOTES
(COORDINATE AS REQUIRED)

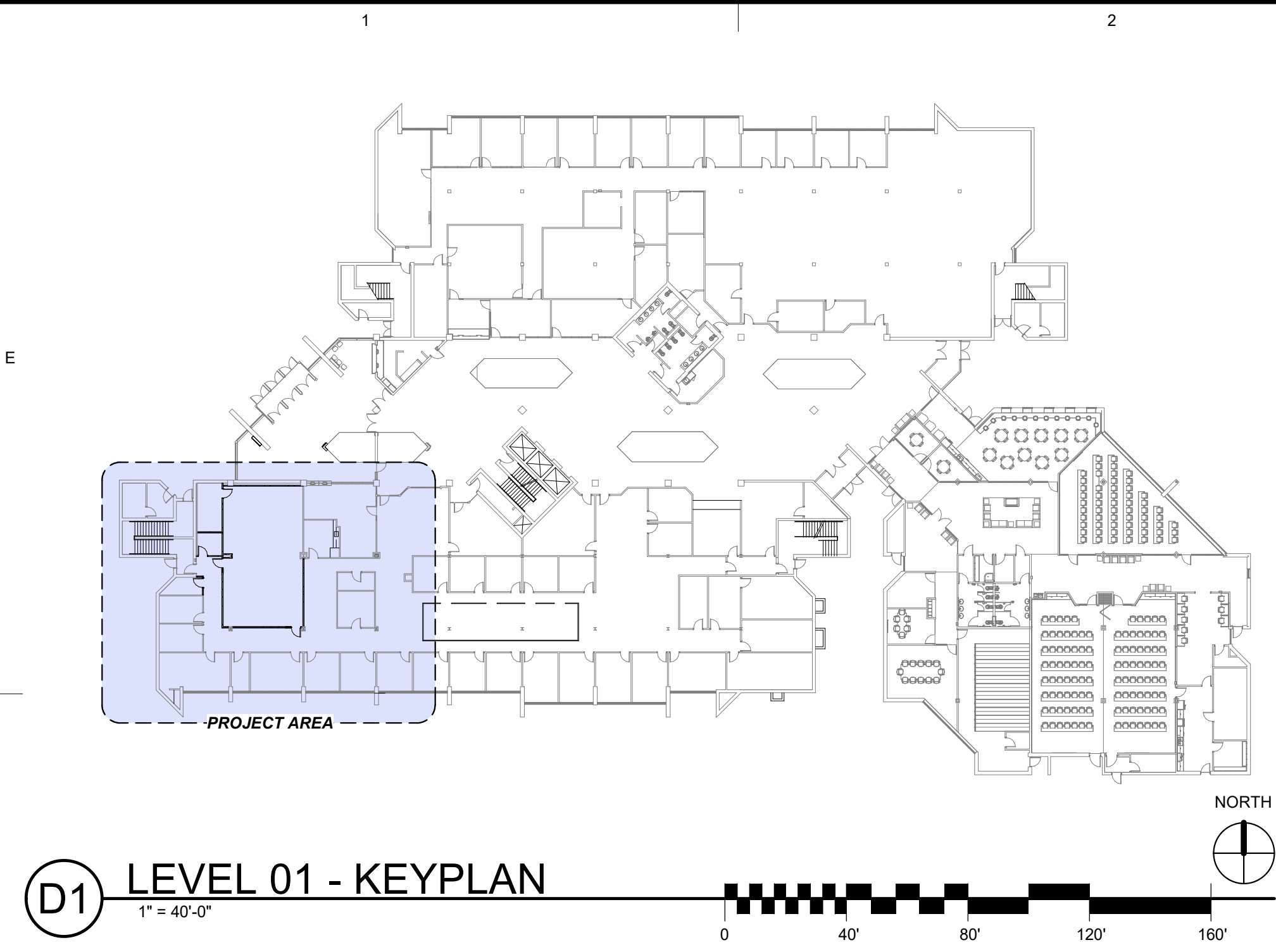
THE WALL TYPES LEGEND DESCRIBES THE "CORE" TYPE OF MATERIALS & WIDTHS ONLY... UNLESS NOTED OTHERWISE, FINISHES SUCH AS PAINT, CERAMIC TILE (THICK & THIN SET), SEALERS ETC. ARE NOT INCLUDED IN THE WALL TYPES. FINISHES ARE INDICATED IN THE FINISH SCHEDULE. COORDINATE AS REQUIRED.

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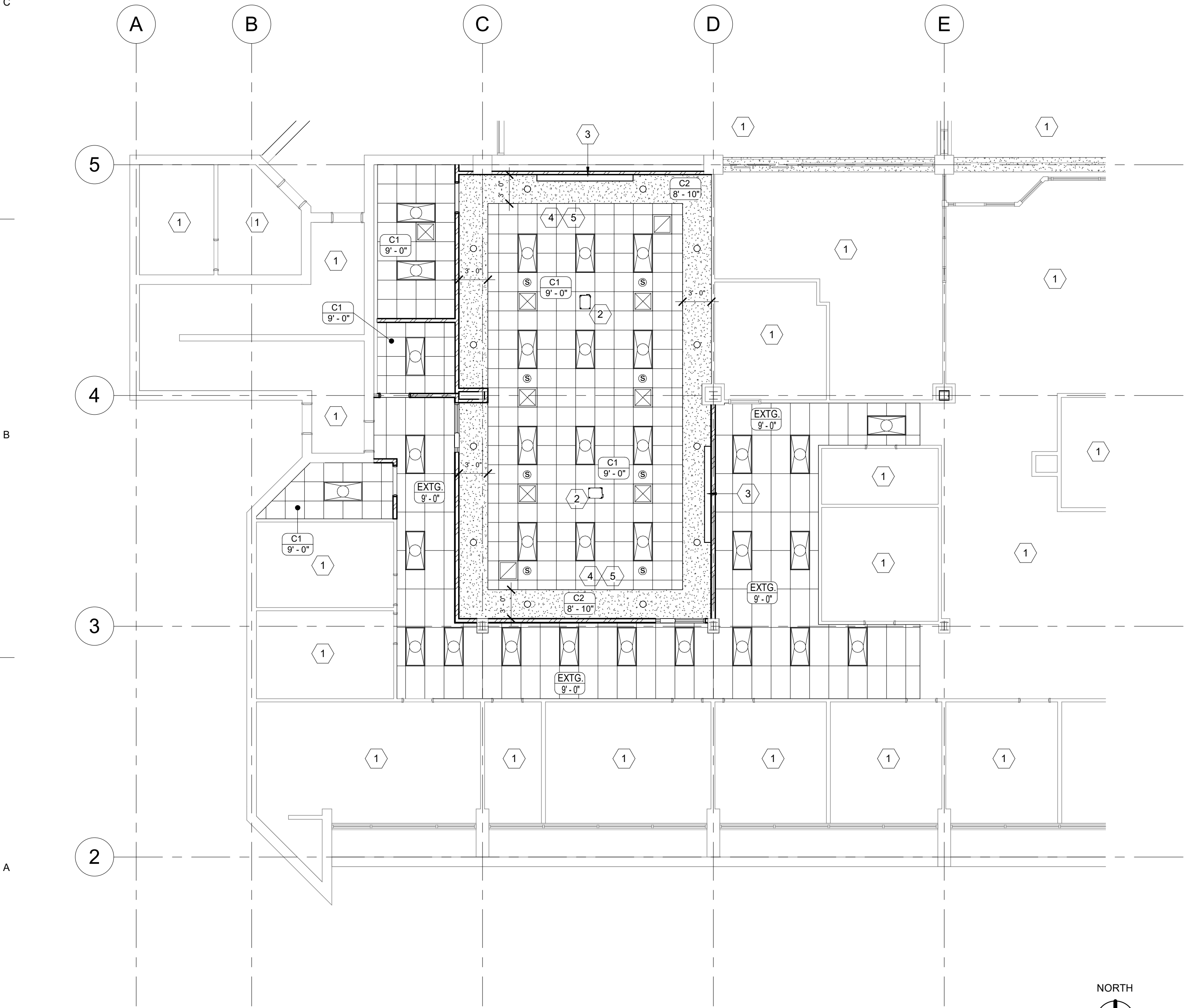
WALL TYPES LEGEND					
MARK	DESIGNATION	DESCRIPTION	SOUND RATING	FIRE RATING	WIDTH
01		3 5/8" @ 20 ga. g.l. metal studs at 16" o.c. with 5/8" type "X" gyp. bd. each side - run wall 6" above ceiling & brace to structure above per detail D1/AE-501 - refer to base of wall detail E2/AE-501	None	None	4 7/8"
02		3 5/8" @ 20 ga. g.l. metal studs at 16" o.c. with 1/2" resilient clip one side and 5/8" gyp. bd. both sides. Provide 3" sound attenuation blankets between studs - run wall to the structure above and brace per detail E2/AE-501 - refer to base of wall detail E2/AE-501	Yes	None	5 3/8"
03		5/8" type "X" gyp. bd. on 3 5/8" @ 20 ga. g.l. metal studs at 16" o.c. - run wall 6" above ceiling & brace to structure above per detail D1/AE-501 - refer to base of wall detail E2/AE-501	None	None	4 1/4"
E		Extg. wall (wall makeup varies f.v.) protect from damage, repair / patch & paint as required - refer to finish schedule - see spec.			Varies

- | # | KEYED NOTES |
|-----|--|
| 1. | NEW SYSTEM FURNITURE IN THIS AREA - BY OWNER - COORDINATE AS REQUIRED - REFER TO ELECTRICAL DRAWINGS. |
| 2. | NEW COUNTERTOP & STORAGE CABINETS BY FURNITURE COMPANY - COORDINATE AS REQUIRED. |
| 3. | NEW ALUMINUM GLASS WALL - REFER TO THE WINDOW SCHEDULE - SEE SPEC. |
| 4. | NEW ALUMINUM GLASS WALL / METAL STUD & GYP. BD. WALL - REFER TO THE WINDOW SCHEDULE - SEE SPEC. |
| 5. | CONSTRUCTION NEW METAL STUD GYP. BD. WALL IN THE SAME LOCATION OF WHERE THE EXTG. MODULAR WALL WAS REMOVED - REFER TO AD-102 & WALL TYPES. |
| 6. | EXTG. ELECTRIC WATER COOLER TO REMAIN - PROTECT FROM DAMAGE - PROVIDE & INSTALL NEW TILE BACKSPLASH - REFER TO ELEVATION INDICATED - SEE SPEC. |
| 7. | PREP / PATCH & PAINT EXG. HOLLOW METAL DOOR FRAME - SEE SPEC. |
| 8. | PROVIDE & INSTALL NEW ROOM SIGNAGE - TYPE "A" TEXT T.B.D. - REFER TO C3A6-001 - SEE SPEC. - (WHERE APPLICABLE REMOVE EXISTING WALL SIGNAGE PATCH & PAINT WALL AS REQUIRED) |
| 9. | PROVIDE & INSTALL NEW ROOM SIGNAGE - TYPE "B" TEXT T.B.D. - REFER TO C3A6-001 - SEE SPEC. - (WHERE APPLICABLE REMOVE EXISTING WALL SIGNAGE PATCH & PAINT WALL AS REQUIRED) |
| 10. | PROVIDE NEW DOOR THRESHOLD REFER TO DETAIL D3A6-501. |

	ARCHITECT'S INFORMATION																
E	<div><p>SPE ARCHITECTS P.O. Box 517 Kaysville, Utah 84037 t. 801.298.1368 info@spe-architect.com www.spe-architect.com</p></div>																
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	PROJECT NAME:																
C	<div><div>2023 CALVIN RAMPTON BUILDING LEVEL 01 & 03 DPS REMODEL</div><div>4501 S 2700 W TAYLORSVILLE, UTAH 84129</div></div>																
B	<table><tr><td colspan="2">REVISIONS (x)</td></tr><tr><td>NO.</td><td>DATE DESCRIPTION</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table>	REVISIONS (x)		NO.	DATE DESCRIPTION												
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A	<table><tr><td colspan="2">ISSUED:</td></tr><tr><td>NO.</td><td>DATE DESCRIPTION</td></tr><tr><td>01</td><td>11/30/23 CONSTRUCTION BID SET</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table> <div><p>OWNER PROJECT #: 24371550 SPE PROJECT #.: 23-52 DRAWN BY: JBE CHECKED BY: SPE DESIGNED BY: JBE</p><p>COPYRIGHT: © 2023 SPE ARCHITECTS</p><p>SHEET TITLE: LEVEL 03 NEW FLOOR PLAN</p></div>	ISSUED:		NO.	DATE DESCRIPTION	01	11/30/23 CONSTRUCTION BID SET										
ISSUED:																	
NO.	DATE DESCRIPTION																
01	11/30/23 CONSTRUCTION BID SET																
	SHEET NUMBER: AE-102																



D1 LEVEL 01 - KEYPLAN
1" = 40'-0"



A1 LEVEL 01 REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. DUE TO THE NUMBER OF ELEMENTS IN THE EXISTING CEILINGS, INCLUDING, BUT NOT LIMITED TO FIRE SPRINKLERS, FIRE ALARMS, AV EQUIPMENT ETC., THE DRAWINGS DO NOT NECESSARILY INDICATE ALL OF THESE ELEMENTS EXACTLY. IT WILL BE THE BIDDING CONTRACTOR'S SOLE RESPONSIBILITY TO INSPECT EACH SPACE TO VERIFY ALL THAT IS INVOLVED IN THE REPLACEMENT OF THE CEILING GRID AND TILE. ALSO PART OF THIS SET OF PLANS WE WILL PROVIDE A LINK TO A MATTERPORT 3D SCAN OF THE SPACE. THE OWNER WILL PROVIDE AMPLE OPPORTUNITY FOR THE BIDDING CONTRACTOR'S TO COMPLETE THIS VERIFICATION PROCESS PRIOR TO THE BID. THE CONTRACTOR WILL RESPONSIBLE FOR ASSURING THAT FIRE SUPPRESSION SYSTEM WORKS IN THE NEW GRID LAYOUT AND/OR IS ADJUSTED AS NECESSARY TO DO SO, AND THAT ALL LIGHTS, AV EQUIPMENT, HVAC GRILLS, FIRE ALARMS AND OTHER CEILING ELEMENTS ARE MODIFIED AND ADJUSTED TO WORK IN THE NEW CEILING LAYOUT. WITH THE EXCEPTION OF ITEMS THAT COULD NOT REASONABLY BE KNOWN AND PLANNED FOR FOLLOWING THIS VISUAL INSPECTION, THE CONTRACTOR IS REQUIRED TO INCLUDE ALL SUCH WORK DESCRIBED ABOVE IN THEIR BASE BID.

CEILING SYMBOLS

- NEW RECESSED CAN LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
- REUSE EXTG. 2x4 TROFFER LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS - PROTECT FROM DAMAGE
- EXTG. SURFACE MOUNTED LIGHT FIXTURE TO REMAIN - SEE ELECTRICAL DRAWINGS
- NEW OR EXTG. RECESSED SPEAKER - SEE ELECTRICAL DRAWINGS - CENTER ALL FIXTURES IN CEILING TILE A SHOWN
- SUPPLY AIR DIFFUSER - SEE MECHANICAL DRAWINGS
- RETURN AIR DIFFUSER - SEE MECHANICAL DRAWINGS

CEILING TYPE LEGEND

- TYPE C-1
HEIGHT SEE PLAN
- TYPE C-2
HEIGHT SEE PLAN
- TYPE EXTG.
HEIGHT SEE PLAN
- NEW 2x4' SUSPENDED ACOUSTICAL LAY-IN PANEL CEILING SYSTEM (REGULAR EDGE WITH MID PANEL REVEAL - 2x2' LOOK) - SEE SPEC.
- NEW 5/8" TYPE "X" GYP. & RELATED CEILING FRAMING - SEE SPEC. - PAINT
- EXTG. 2x4' LAY-IN CEILING SYSTEM TO REMAIN - MODIFY AS REQUIRED TO CONSTRUCT NEW WALL - PROTECT FROM DAMAGE
- OR
- EXTG. GYP. BD. CEILING - PAINT - PROTECT FROM DAMAGE - REFER TO FINISH SCHEDULE

KEYED NOTES

1. EXTG. CEILING SYSTEM IN THESE ROOMS ARE TO REMAIN - PROTECT FROM DAMAGE.
2. REUSE EXTG. CEILING/POLE MOUNTED PROJECTOR - RE-INSTALL AS REQUIRED - SEE ELECTRICAL DRAWINGS.
3. REUSE EXTG. WALL MOUNTED POWERED PROJECTION SCREEN - RE-INSTALL AS REQUIRED - SEE ELECTRICAL DRAWINGS.
4. REUSE EXTG. CONFERENCE ROOM MICROPHONES ADD TO EXISTING SYSTEM IF REQUIRED - REFER TO ELECTRICAL DRAWINGS.
5. REUSE / REINSTALL EXTG. CEILING MOUNTED AV CONFERENCE ROOM CAMERAS - REFER TO ELECTRICAL DRAWINGS.

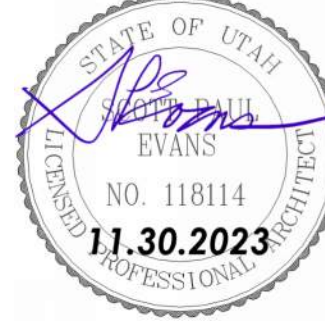
ARCHITECTS INFORMATION



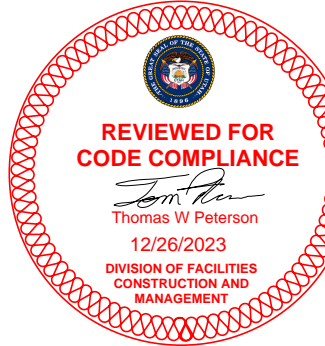
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P.O. Box 517
Kaysville, Utah 84037
t 801.298.1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP



CODE OFFICIAL STAMP



PROJECT NAME

2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS

NO. DATE DESCRIPTION

ISSUED:

NO. DATE DESCRIPTION

01 11/30/23 CONSTRUCTION BID SET

OWNER PROJECT #: 24371550

SPE PROJECT #: 23-52

DRAWN BY: JBE

CHECKED BY: SPE

DESIGNED BY: JBE

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SHEET TITLE:

LEVEL 01
REFLECTED
CEILING PLAN

SHEET NUMBER:

AE-103

CALVIN RAMPTON LEVEL 01
3D SCAN LINK

CLICK HERE (ORIGINAL .PDF FILE ONLY), OR SCAN QR
CODE OR ENTER URL BELOW INTO AN INTERNET
BROWSER FOR 3D SCAN OF EXISTING CONDITIONS
bit.ly/Calvin_Rampton_Level01 (note that url is case sensitive)



CALVIN RAMPTON LEVEL 03
3D SCAN LINK

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BROWSER FOR 3D SCAN OF EXISTING CONDITIONS
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GENERAL NOTES:

1. DUE TO THE NUMBER OF ELEMENTS IN THE EXISTING CEILINGS, INCLUDING, BUT NOT LIMITED TO FIRE SPRINKLERS, FIRE ALARMS, AV EQUIPMENT ETC. - THE DRAWINGS DO NOT NECESSARILY INDICATE ALL OF THESE ELEMENTS EXACTLY. IT WILL BE THE BIDDING CONTRACTOR'S SOLE RESPONSIBILITY TO INSPECT EACH SPACE TO VERIFY ALL THAT IS INVOLVED IN THE REPLACEMENT OF THE CEILING GRID AND TILE. ALSO PART OF THIS SET OF PLANS WE WILL PROVIDE A LINK TO A MATTERPORT 3D SCAN OF THE SPACE. THE OWNER WILL PROVIDE AMPLE OPPORTUNITY FOR THE BIDDING CONTRACTORS TO COMPLETE THIS VERIFICATION PROCESS PRIOR TO THE BID. THE CONTRACTOR WILL BE RESPONSIBLE FOR ASSURING THAT FIRE SUPPRESSION SYSTEM WORKS IN THE NEW GRID LAYOUT AND/OR IS ADJUSTED AS NECESSARY TO DO SO, AND THAT ALL LIGHTS, AV EQUIPMENT, HVAC GRILLS, FIRE ALARMS AND OTHER CEILING ELEMENTS ARE MODIFIED AND ADJUSTED TO WORK IN THE NEW CEILING LAYOUT. WITH THE EXCEPTION OF ITEMS THAT COULD NOT REASONABLY BE KNOWN AND PLANNED FOR FOLLOWING THIS VISUAL INSPECTION, THE CONTRACTOR IS REQUIRED TO INCLUDE ALL SUCH WORK DESCRIBED ABOVE IN THEIR BASE BID.

CEILING SYMBOLS

- NEW RECESSED CAN LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
- REUSE EXTG. 2'x4' TROFFER LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS - PROTECT FROM DAMAGE
- EXTG. SURFACE MOUNTED LIGHT FIXTURE TO REMAIN - SEE ELECTRICAL DRAWINGS
- NEW OR EXTG. RECESSED SPEAKER - SEE ELECTRICAL DRAWINGS - CENTER ALL FIXTURES IN CEILING TILE AS SHOWN
- SUPPLY AIR DIFFUSER - SEE MECHANICAL DRAWINGS
- RETURN AIR DIFFUSER - SEE MECHANICAL DRAWINGS

CEILING TYPE LEGEND

- NEW 2'x4' SUSPENDED ACOUSTICAL LAY-IN PANEL CEILING SYSTEM (REGULAR EDGE WITH MID PANEL REVEAL - 2'x2' LOOK) - SEE SPEC.
- NEW 5/8" TYPE "X" GYP. & RELATED CEILING FRAMING - SEE SPEC. - PAINT
- EXTG. 2'x4' LAY-IN CEILING SYSTEM TO REMAIN - MODIFY AS REQUIRED TO CONSTRUCT NEW WALL - PROTECT FROM DAMAGE
- OR
- EXTG. GYP. BD. CEILING - PAINT - PROTECT FROM DAMAGE - REFER TO FINISH SCHEDULE

KEYED NOTES

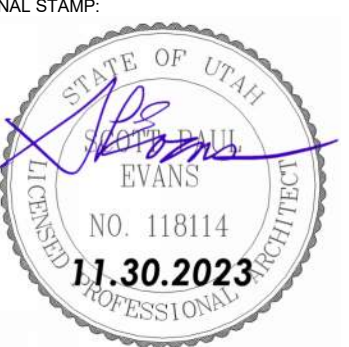
- EXTG. CEILING SYSTEM IN THESE ROOMS ARE TO REMAIN - PROTECT FROM DAMAGE.
- CONSTRUCT NEW BULKHEAD / WALL - REFER TO DETAIL D2/AE-502 - SEE SPEC.
- THIS CEILING AREA SHADED IN PURPLE IS TO BE REMOVED AND REPLACED AS PART OF THE BASE BID.
- EXTG. GYP. BD. HEADER / WALL - PATCH / PREP. & PAINT - SEE SPEC.
- ADD NEW 2'x4' LIGHT FIXTURE AT THIS LOCATION WHERE THE EXISTING WALLS ARE BEING REMOVED.
- BASE BID:** EXTG. LAY-IN CEILING SYSTEM TO REMAIN (ONLY MODIFY/REPLACE AS REQUIRED TO INSTALL NEW WALLS) REMOVE & REPLACE EXTG. HVAC GRILLES - EXTG. LIGHT FIXTURES ARE TO REMAIN - REFER TO MECHANICAL & ELECTRICAL PLANS - SEE SPEC. **ALTERNATE 01:** REMOVE EXTG. LAY-IN CEILING SYSTEM & ALL RELATED CEILING EQUIPMENT INCLUDING BUT NOT LIMITED TO HVAC GRILLES - PROVIDE & INSTALL NEW LAY-IN CEILING SYSTEM IN THE SAME LOCATION - REMOVE & REPLACE EXTG. HVAC GRILLES - EXTG. LIGHT FIXTURES ARE TO REMAIN - REFER TO MECHANICAL & ELECTRICAL PLANS - SEE SPEC.
- REMOVE & REPLACE EXTG. LIGHT FIXTURES ON THIS CEILING ABOVE - REFER TO ELECTRICAL DRAWINGS.

ARCHITECTS INFORMATION



SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

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CODE OFFICIAL STAMP



PROJECT NAME:

**2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL**

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS:

NO.	DATE	DESCRIPTION
01	11/29/23	CONSTRUCTION BID SET

ISSUED:

NO.	DATE	DESCRIPTION
01	11/29/23	CONSTRUCTION BID SET

OWNER PROJECT #:

24371550

SPE PROJECT #:

23-52

DRAWN BY:

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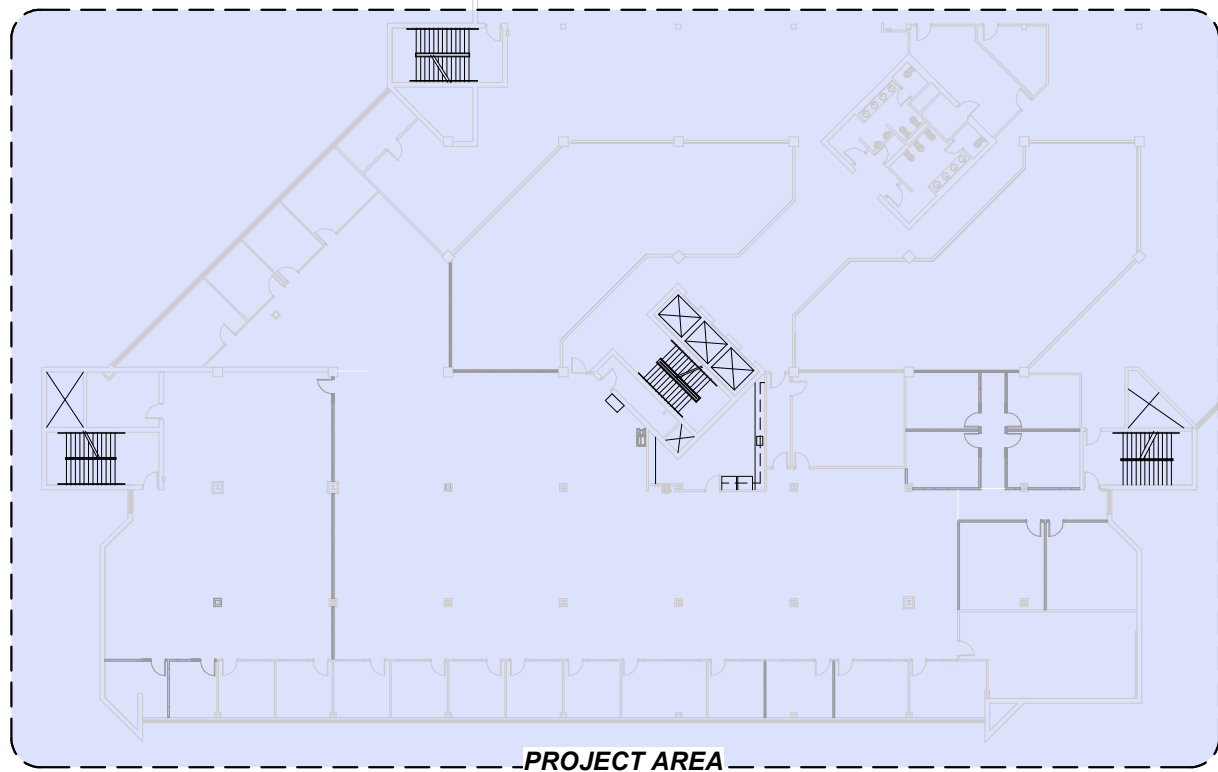
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SHEET TITLE:

**LEVEL 03
REFLECTED
CEILING PLAN**

SHEET NUMBER:

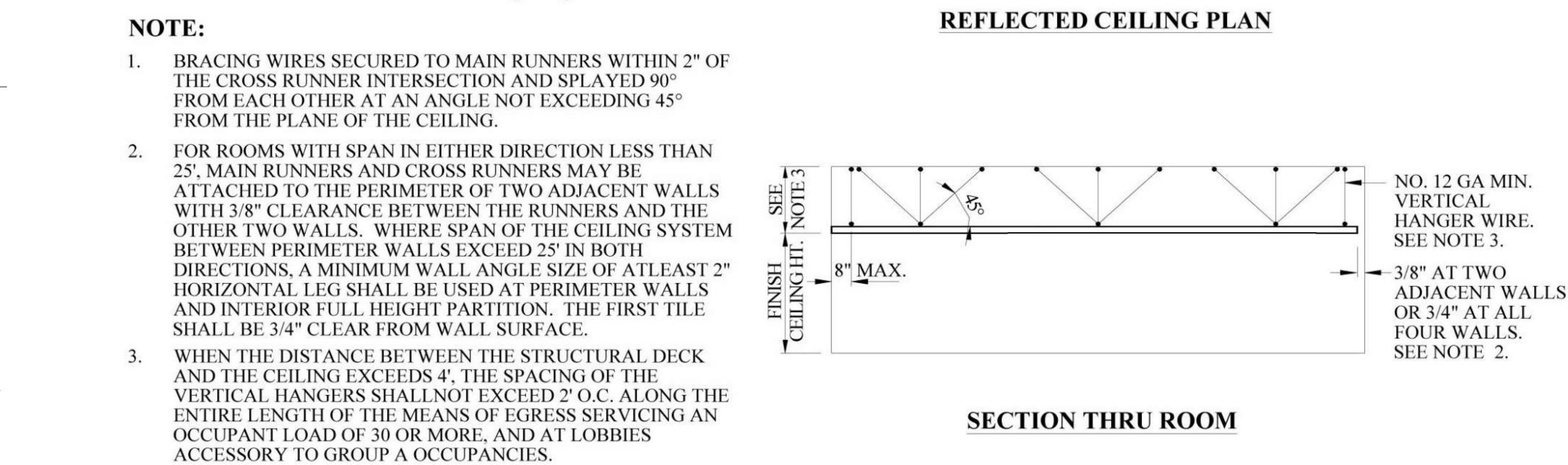
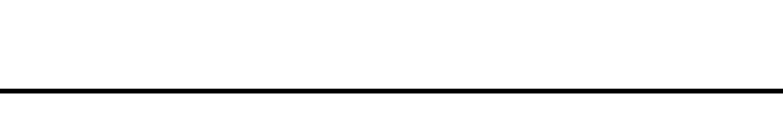
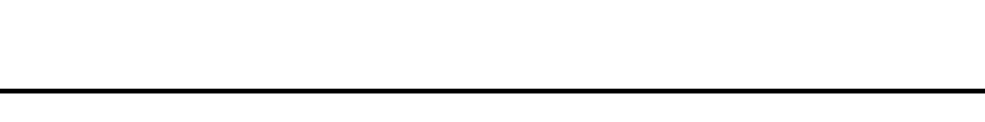
AE-104



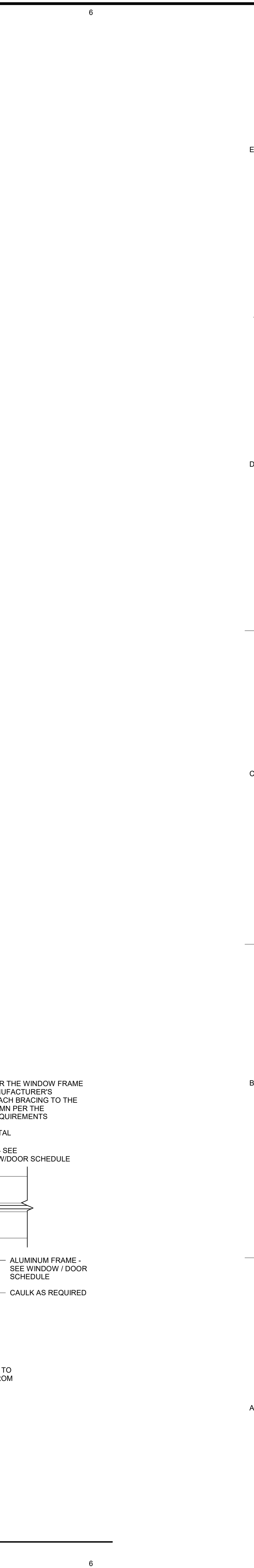
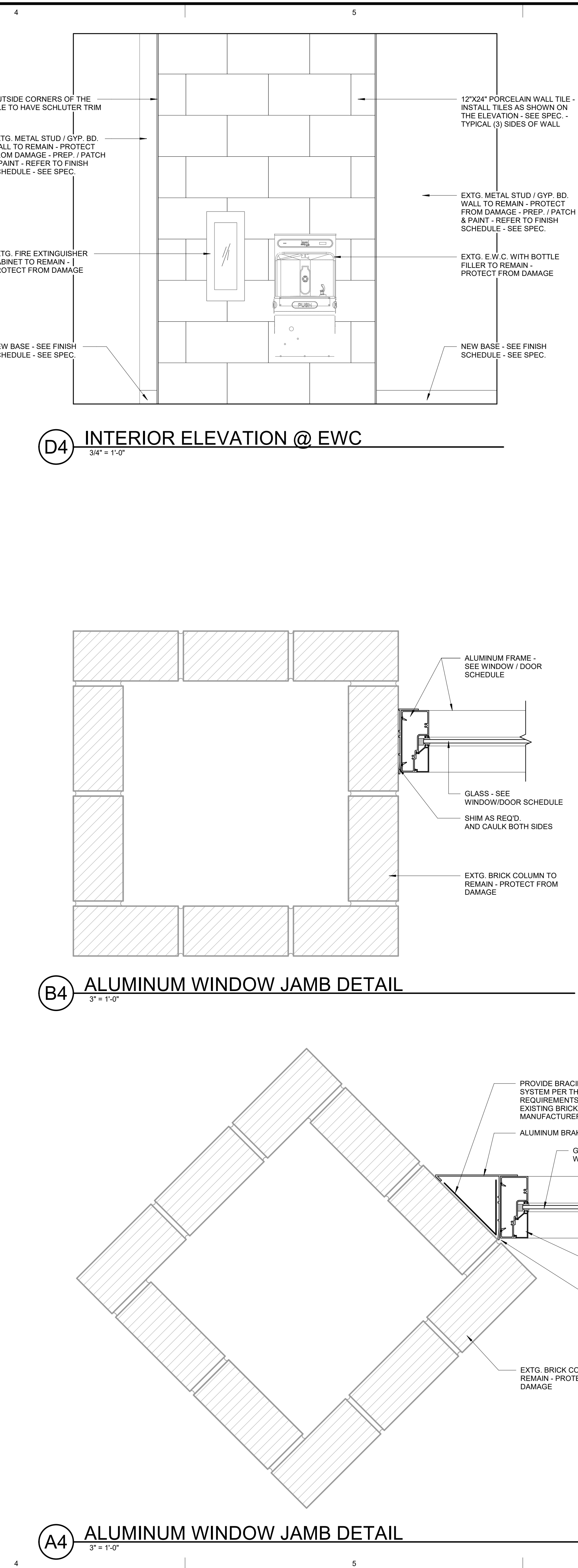
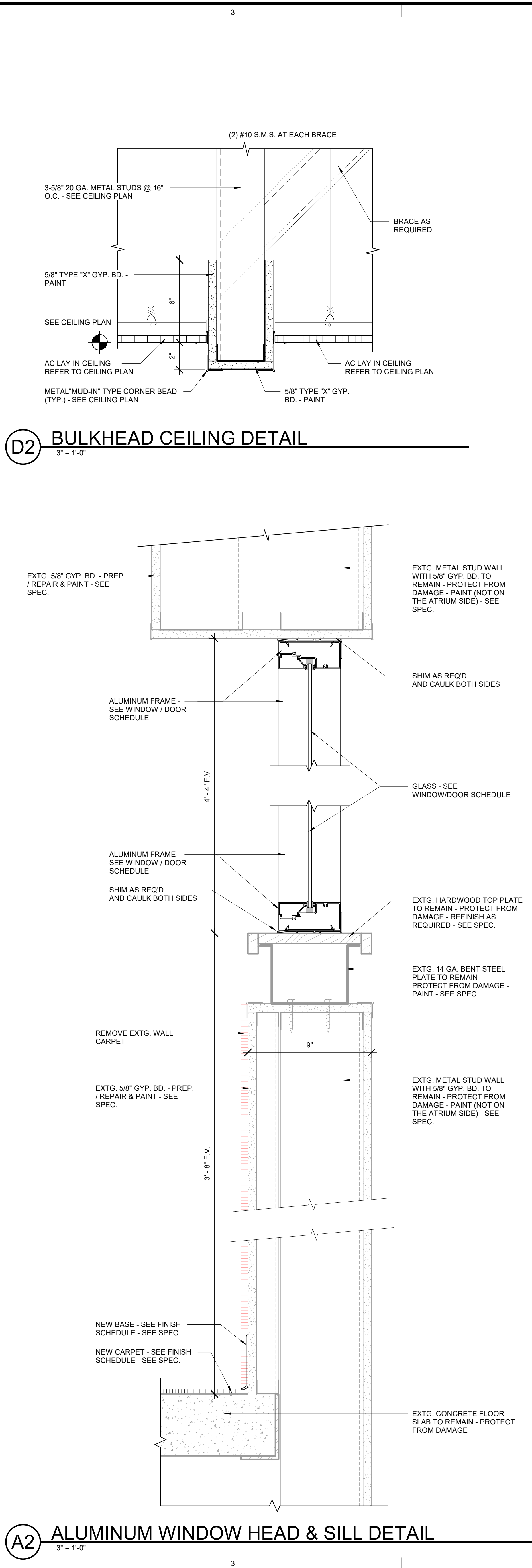
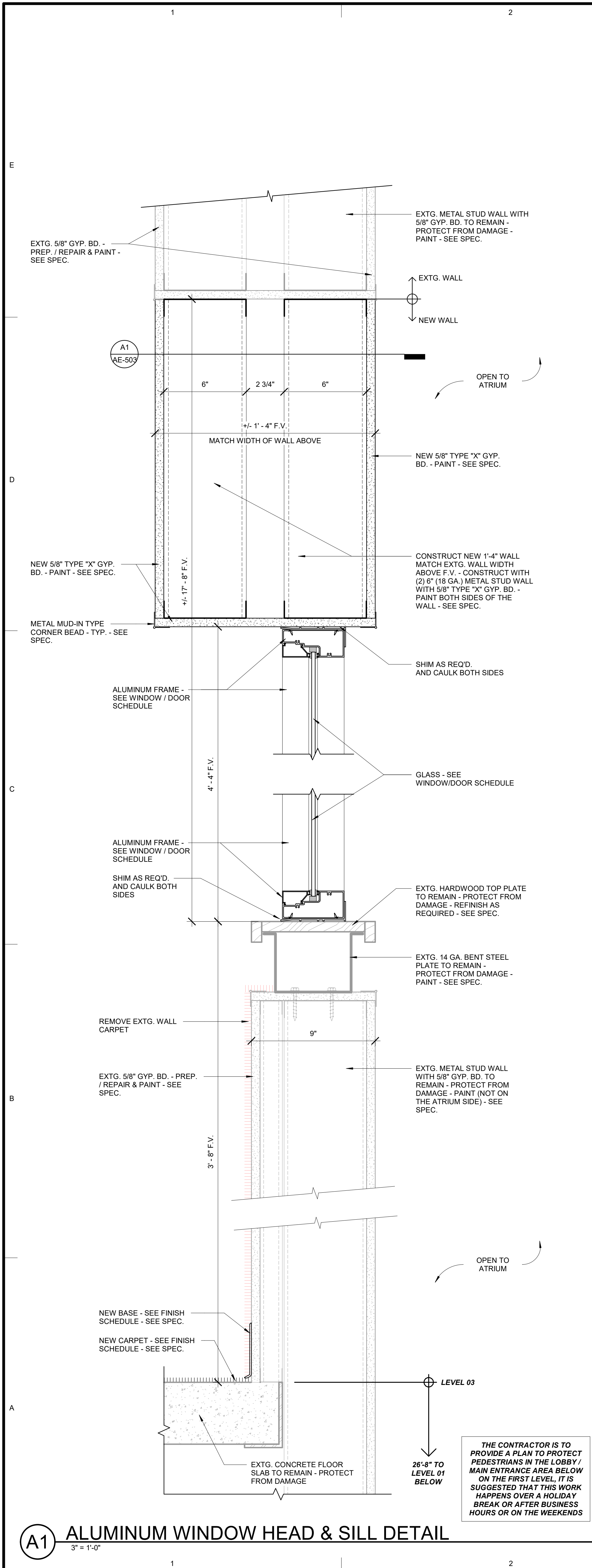
D1 LEVEL 03 - KEYPLAN




A1 LEVEL 03 REFLECTED CEILING PLAN



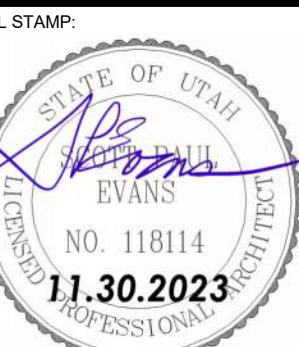
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Kaysville, Utah 84037
t. 801.298.1368
info@spe-architect.com
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PROJECT NAME

**2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL**

REVISIONS

NO.	DATE	DESCRIPTION
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ISSUED:

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OWNER PROJECT #:

24371550

SPE PROJECT #:

23-52

DRAWN BY:

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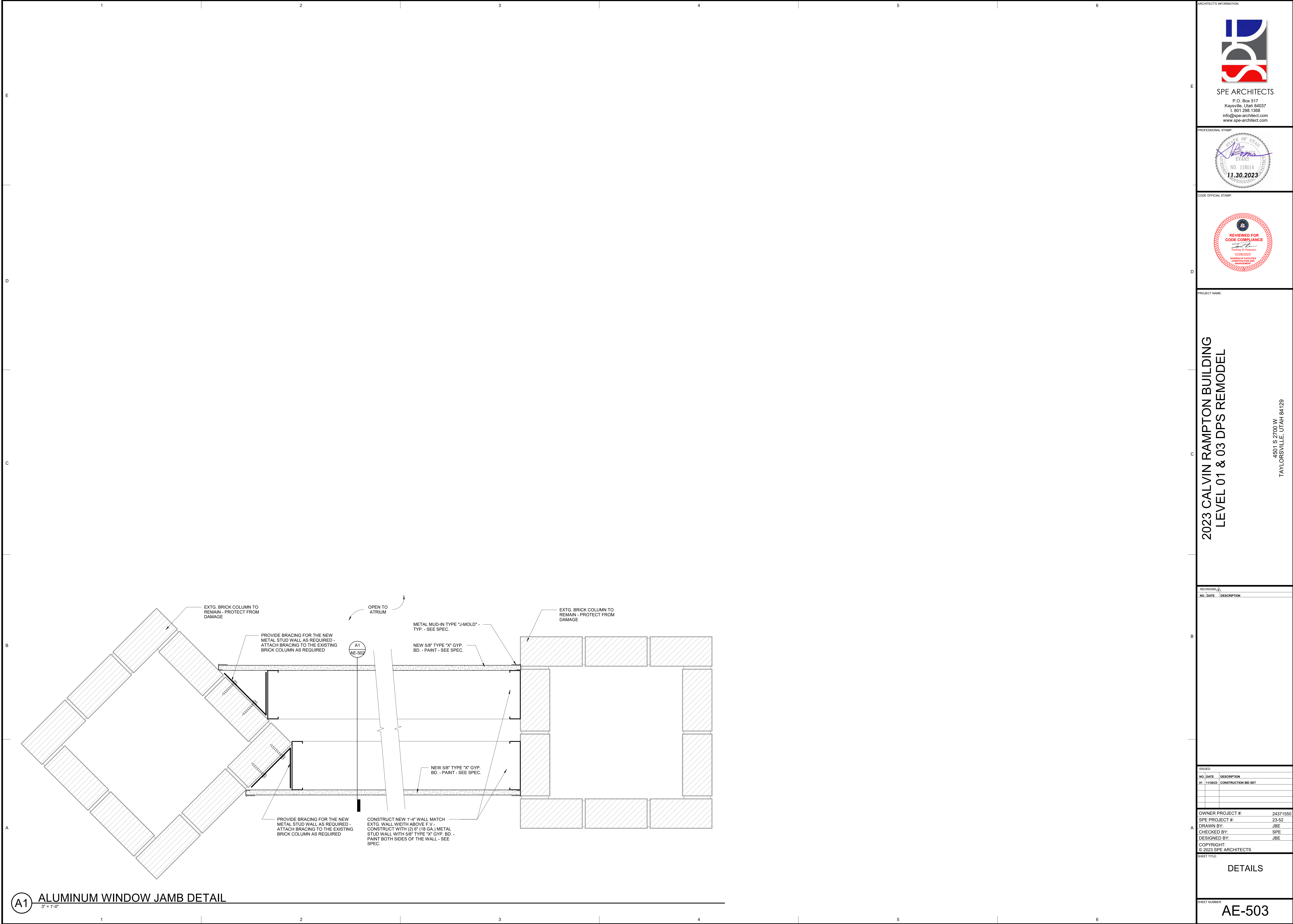
SHEET TITLE

DETAILS

SHEET NUMBER

AE-502

4501 S 2700 W
TAYLORSVILLE, UTAH 84129



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A1

ALUMINUM WINDOW JAMB DETAIL

3" = 1'-0"

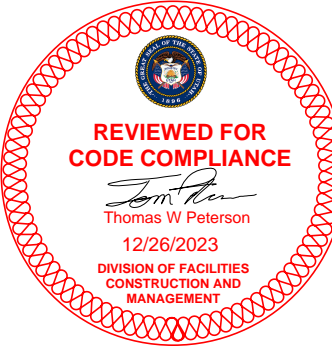


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Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

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PROJECT NAME

**2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL**

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS

NO.	DATE	DESCRIPTION
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SHEET TITLE

DETAILS

SHEET NUMBER

AE-503

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FINISH	BASE	BASE FINISH	NORTH WALL MATERIAL	NORTH WALL FINISH	EAST WALL MATERIAL	EAST WALL FINISH	SOUTH WALL MATERIAL	SOUTH WALL FINISH	WEST WALL MATERIAL	WEST WALL FINISH	CEILING MATERIAL	CEILING FINISH	CEILING HEIGHT	COMMENTS
101	CHAIR / TABLE STOR.	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. CMU	PAINT	NEW GYP. BD.	PAINT	NEW GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
102	STOR.	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD.	PAINT	NEW GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
103	TRAINING ROOM	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD.	PAINT	NEW & EXTG. GYP. BD.	PAINT	NEW GYP. BD.	PAINT	NEW GYP. BD.	PAINT	NEW AC LAY-IN TILE	PAINT / NONE		
104	STOR.	NEW CARPET	NEW 4" RUBBER	NONE	NEW / EXTG. GYP. BD.	PAINT	NEW GYP. BD.	PAINT	EXTG. MODULAR WALL	PAINT	NEW AC LAY-IN TILE	PAINT	NEW AC LAY-IN TILE	NONE		
105	CORRIDOR	*NEW/EXTG. CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD.	PAINT	NEW GYP. BD.	MAGNETIC PAINT	OPEN	NONE	NEW GYP. BD. / EXTG. MODULAR WALL	PAINT	**MODIFY EXTG. LAY-IN TILE	NONE		*INSTALL OWNER SUPPLIED (ATTIC STOCK) CARPET TILE TO MATCH SURROUNDING AREAS - **MODIFY EXTG. CEILING SYSTEM AS REQUIRED
106	CORRIDOR	*NEW/EXTG. CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD. / OPEN	PAINT / NONE	OPEN	OPEN	EXTG. MODULAR WALL	NONE	EXTG. MODULAR WALL	PAINT	**MODIFY EXTG. LAY-IN TILE	NONE		*INSTALL OWNER SUPPLIED (ATTIC STOCK) CARPET TILE TO MATCH SURROUNDING AREAS - **MODIFY EXTG. CEILING SYSTEM AS REQUIRED
107	OPEN OFFICE	*NEW/EXTG. CARPET	NEW 4" RUBBER	NONE	OPEN	NONE	EXTG. MODULAR WALL	PAINT	OPEN	NONE	NEW GYP. BD.	PAINT	**MODIFY EXTG. LAY-IN TILE	NONE		*INSTALL OWNER SUPPLIED (ATTIC STOCK) CARPET TILE TO MATCH SURROUNDING AREAS - **MODIFY EXTG. CEILING SYSTEM AS REQUIRED
108	CORRIDOR	*NEW/EXTG. CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD. / MODULAR WALL	PAINT	OPEN	NONE	OPEN / EXTG. MODULAR WALL	NONE	NEW GYP. BD.	PAINT	**MODIFY EXTG. LAY-IN TILE	NONE		*INSTALL OWNER SUPPLIED (ATTIC STOCK) CARPET TILE TO MATCH SURROUNDING AREAS - **MODIFY EXTG. CEILING SYSTEM AS REQUIRED
301	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
302	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
303	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
304	CONFERENCE ROOM	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
305	EMS OPEN OFFICE SUITE	NEW CARPET	NEW 4" RUBBER	NONE	NEW & EXTG. GYP. BD. / GLASS	PAINT / NONE	NEW & EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. BRICK / EXTG. MODULAR WALL	PAINT	NEW & EXTG. GYP. BD. / EXTG. MODULAR WALL	PAINT	**MODIFY EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
306	STOR.	EXTG. VCT	EXTG. RUBBER	NONE	EXTG. CMU / GYP. BD.	PAINT	EXTG. CMU	PAINT	EXTG. CMU	PAINT	EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT		
307	SBI OPEN OFFICE SUITE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. BRICK	PAINT	NEW GYP. BD.	PAINT	EXTG. MODULAR WALL / NEW GYP. BD.	PAINT	EXTG. BRICK / EXTG. GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
308	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD.	PAINT	NEW GYP. BD.	PAINT	EXTG. BRICK / EXTG. GYP. BD.	PAINT / NONE	EXTG. BRICK / EXTG. GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
309	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD.	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	NEW GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
310	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
311	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
312	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
313	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
314	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
315	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
316	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
317	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
318	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	NEW GYP. BD.	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. MODULAR WALL	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
319	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	NEW GYP. BD.	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	NEW GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
320	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	NEW GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
321	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD. / MODULAR WALL	PAINT	EXTG. BRICK / EXTG. GYP. BD.	PAINT	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. BRICK / EXTG. GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
322	CONFERENCE ROOM	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD.	PAINT	NEW GYP. BD.	PAINT	EXTG. GYP. BD.	NONE	EXTG. GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
323	STORAGE	NEW CARPET	NEW 4" RUBBER	NONE	NEW / EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	NEW GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
324	STORAGE	NEW CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD.	PAINT	NEW GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	NEW GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
325	CORRIDOR	NEW CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	NEW GYP. BD.	PAINT	OPEN	NONE	NEW AC LAY-IN TILE	NONE		
326	CORRIDOR	NEW CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD. / GLASS	PAINT / NONE	NEW GYP. BD.	PAINT	OPEN	NONE	NEW GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
327	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD.	PAINT	EXTG. MODULAR WALL	PAINT	NEW GYP. BD.	PAINT	NEW GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
328	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. BRICK / MODULAR WALL	PAINT	EXTG. MODULAR WALL	PAINT	NEW GYP. BD.	PAINT	NEW GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
329	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD. / GLASS	PAINT / NONE	NEW GYP. BD.	PAINT	NEW GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
330	OFFICE	NEW CARPET	NEW 4" RUBBER	NONE	NEW GYP. BD.	PAINT	NEW GYP. BD.	PAINT	NEW & EXTG. GYP. BD.	PAINT	NEW & EXTG. GYP. BD.	PAINT	NEW AC LAY-IN TILE	NONE		
331	CONFERENCE ROOM	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD. / GLASS	PAINT / NONE	EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.
332	EXTG. PASSAGE	NEW CARPET	NEW 4" RUBBER	NONE	EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	EXTG. GYP. BD.	PAINT	*NEW OR EXTG. LAY-IN TILE	NONE		*BASE BID: EXTG. CEILING SYSTEM TO REMAIN - ALTERNATE: NEW CEILING - SEE REFLECTED CEILING PLAN - SEE SPEC.

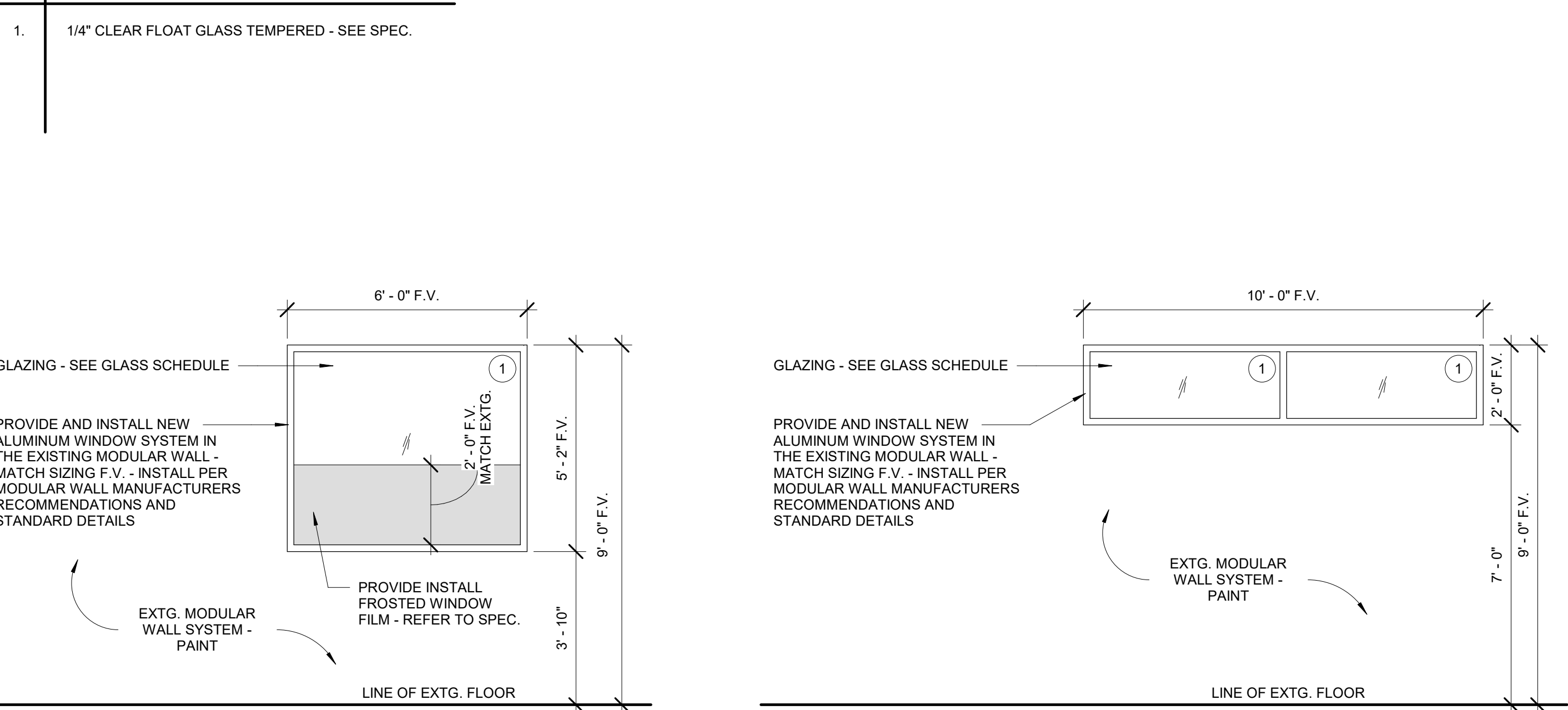
DOOR SCHEDULE

DOOR #	DOOR		DOOR TYPE	DOOR			FIRE RATING	HARDWARE	FRAME		FRAME (L) JAMB DETAIL	FRAME (R) JAMB DETAIL	FRAME HEAD DETAIL	THRESHOLD DETAIL	SIGNAGE TYPE	SIGNAGE TEXT	COMMENTS	
	WIDTH	HEIGHT		THICKNESS	MATERIAL	FINISH			TYPE	MATERIAL								FINISH
101	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	2.0	B	HOLLOW METAL	PAINT	C6/AE-501	B6/AE-501	B6/AE-501 SIM	NONE	B	T.B.D.	
102	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	1.0	B	HOLLOW METAL	PAINT	C6/AE-501	B6/AE-501	B6/AE-501 SIM	NONE	B	T.B.D.	
103	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	3.0	A	HOLLOW METAL	PAINT	A6/AE-501	A6/AE-501	A6/AE-501 SIM	NONE	B	T.B.D.	
104	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	3.0	A	HOLLOW METAL	PAINT	A6/AE-501	A6/AE-501	A6/AE-501 SIM	NONE	B	T.B.D.	
105	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	4.0	A	HOLLOW METAL	PAINT	A6/AE-501	A6/AE-501	A6/AE-501 SIM	NONE	B	T.B.D.	
301	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	6.0	B	HOLLOW METAL	PAINT	C6/AE-501	B6/AE-501	B6/AE-501 SIM	NONE	B	T.B.D.	PROVIDE CARD READER
302	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	5.0	B	HOLLOW METAL	PAINT	C6/AE-501	A6/AE-501	A6/AE-501 SIM	NONE	A	T.B.D.	
303	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	5.0	B	HOLLOW METAL	PAINT	C6/AE-501	A6/AE-501	A6/AE-501 SIM	NONE	A	T.B.D.	
304	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	3.0	A	HOLLOW METAL	PAINT	A6/AE-501	A6/AE-501	A6/AE-501 SIM	NONE	B	T.B.D.	
305	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	3.0	A	HOLLOW METAL	PAINT	A6/AE-501	A6/AE-501	A6/AE-501 SIM	NONE	B	T.B.D.	
306	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	5.0	B	HOLLOW METAL	PAINT	C6/AE-501	C6/AE-501	B6/AE-501 SIM	NONE	A	T.B.D.	
307	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	5.0	B	HOLLOW METAL	PAINT	C6/AE-501	B6/AE-501	B6/AE-501 SIM	NONE	A	T.B.D.	
308	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	5.0	B	HOLLOW METAL	PAINT	C6/AE-501	C6/AE-501	B6/AE-501 SIM	NONE	A	T.B.D.	
309	3'-0"	7'-0"	A	1 3/4"	SC WOOD	TRANSPARENT	NONE	5.0	B	HOLLOW METAL	PAINT	C6/AE-501	B6/AE-501	B6/AE-501 SIM	NONE	A	T.B.D.	

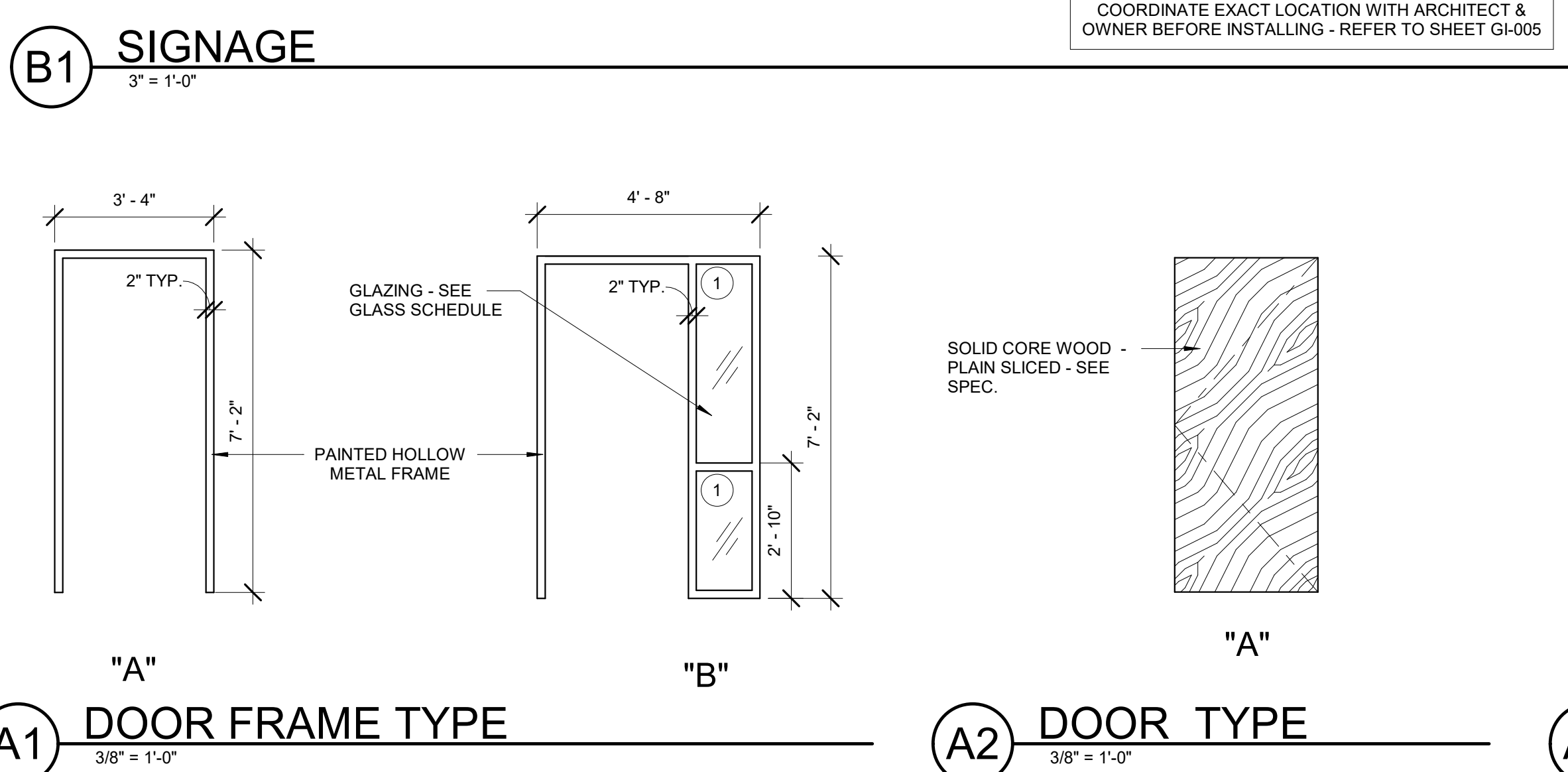
WINDOW SCHEDULE

TYPE MARK	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	HEAD	JAMB	SILL	OPERATION	COMMENTS
301	SEE TYPE	SEE TYPE	A	ALUMINUM	*DARK BRONZE	SEE TYPE	SEE TYPE	SEE TYPE	NO	
302	SEE TYPE	SEE TYPE	B	ALUMINUM	*DARK BRONZE	SEE TYPE	SEE TYPE	SEE TYPE	NO	
303	SEE TYPE	SEE TYPE	C	ALUMINUM	*DARK BRONZE	SEE TYPE	SEE TYPE	SEE TYPE	NO	
304	SEE TYPE	SEE TYPE	D	ALUMINUM	*DARK BRONZE	SEE TYPE	SEE TYPE	SEE TYPE	NO	*MATCH EXTG. - WINDOW TYPE 304 OCCURS (7) TIMES REFER TO AE-102
305	SEE TYPE	SEE TYPE	F	ALUMINUM	*DARK BRONZE	SEE TYPE	SEE TYPE	SEE TYPE	NO	*MATCH EXTG. - WINDOW TYPE 305 OCCURS (3) TIMES REFER TO AE-102

GLASS SCHEDULE



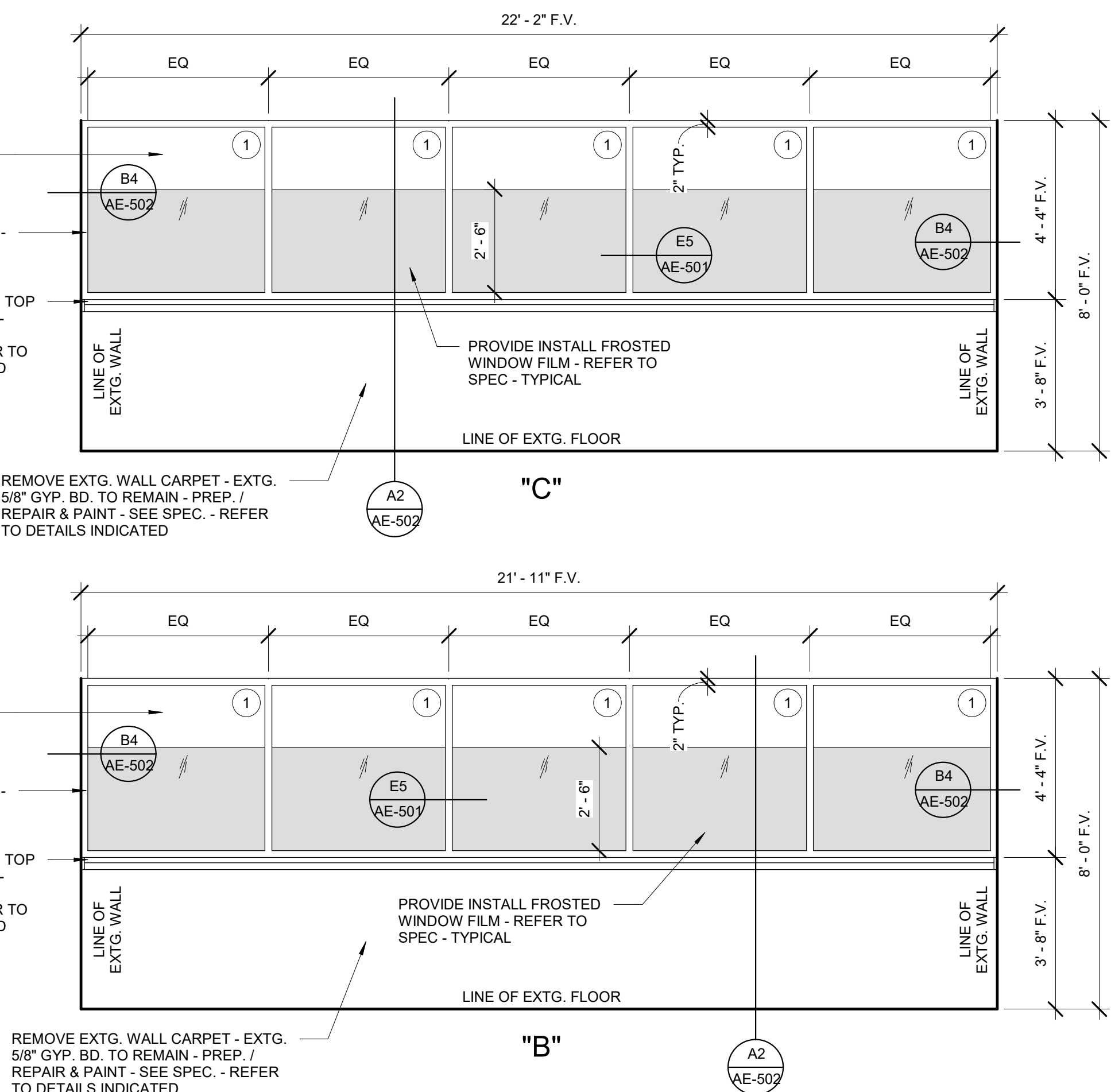
TYPE "A"



TYPE "B"

WINDOW TYPES

REMOVE EXTG. WALL CARPET - EXTG. 5/8" GYP. BD. TO REMAIN - PREP. / REPAIR & PAINT - SEE SPEC. - REFER TO DETAILS INDICATED



2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

REVISIONS

NO. DATE DESCRIPTION

ISSUED

NO. DATE DESCRIPTION

01 11/29/23 CONSTRUCTION BID SET

OWNER PROJECT #

SPE PROJECT #

DRAWN BY

CHECKED BY

DESIGNED BY

COPYRIGHT

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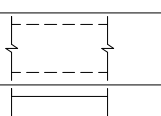

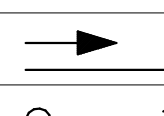

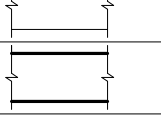
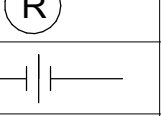
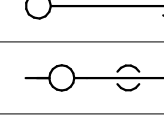
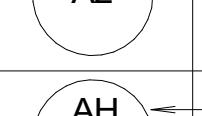
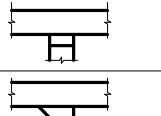
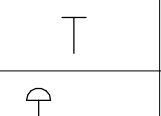
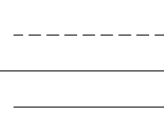
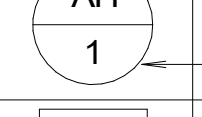
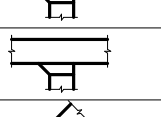
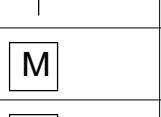
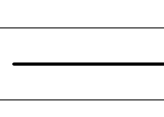
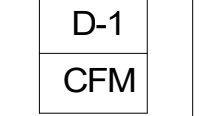
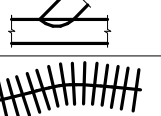
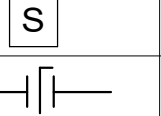
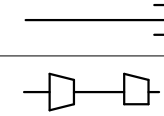
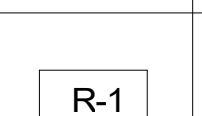
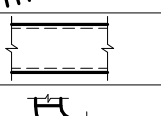
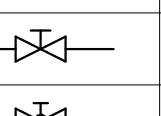
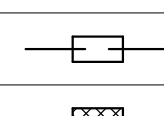
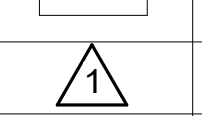
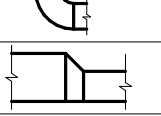
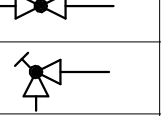
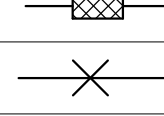
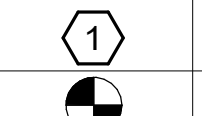
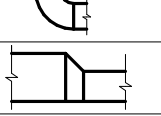
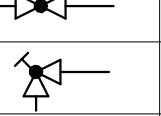
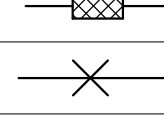
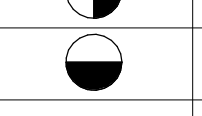
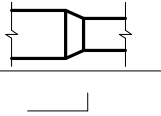
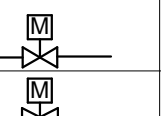

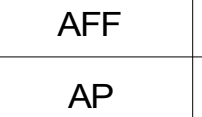
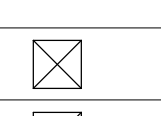
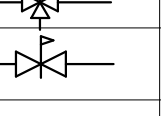
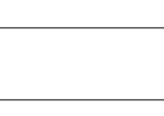

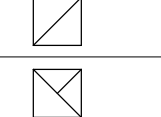
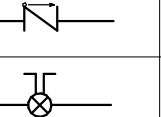

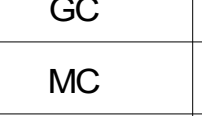
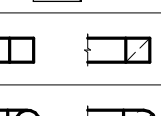
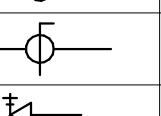
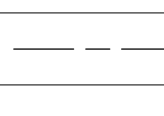

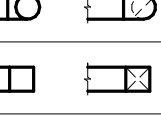
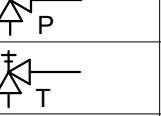
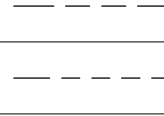

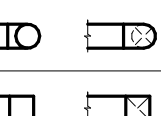
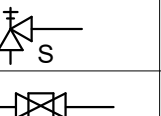


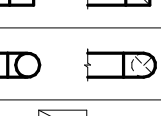
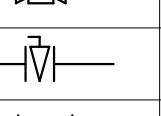
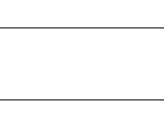
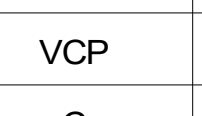
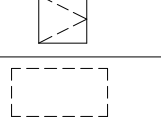
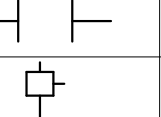

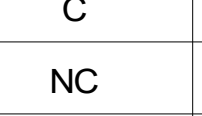

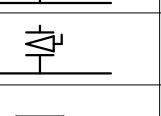

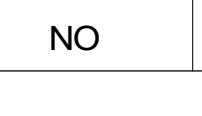
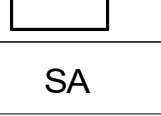
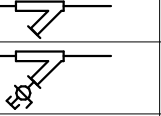


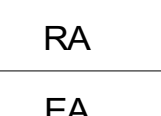
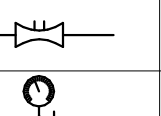


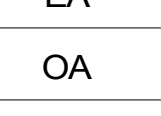
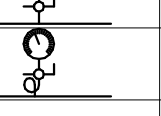
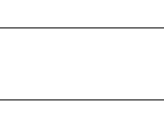

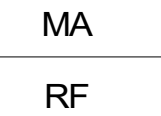
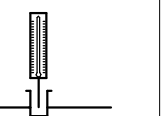



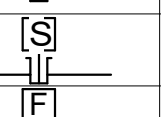


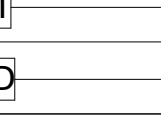
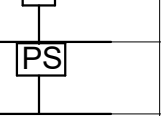


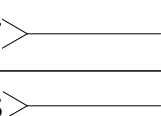
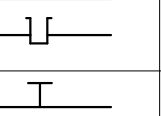


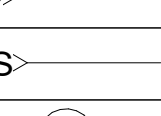
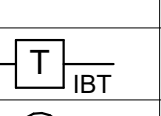
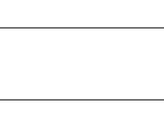
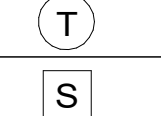
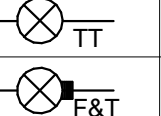

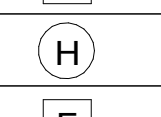
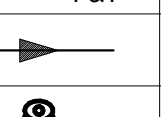

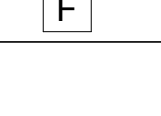



































SHEET TITLE

SCHEDULES

SHEET NUMBER

AE-601

MECHANICAL LEGEND

SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION
GENERAL TERMINOLOGY			AIR SIDE			WET SIDE			WET SIDE		
		SECTION LETTER DESIGNATION			EXISTING AIR DUCT TO BE REMOVED			PUMP			PITCH DOWN
		SECTION DRAWN ON THIS SHEET			EXISTING AIR DUCT TO REMAIN			REGULATOR			ELBOW UP/DN
		DETAIL NUMBER DESIGNATION CORRESPONDING WITH GRID LOCATION			NEW AIR DUCT			UNION			TEE UP/DN
		MECHANICAL EQUIPMENT DESIGNATION			RECT TO RECT AIR DUCT TAKE-OFF			MANUAL ACTUATOR			EXISTING PIPING TO BE REMOVED
		EQUIPMENT ITEM DESIGNATION			RECT TO RND AIR DUCT TAKE-OFF			PNEUMATIC DIAPHRAM ACTUATOR			NEW PIPING
		REGISTER, GRILLE OR DIFFUSER DESIGNATION WITH BALANCING CFM LISTED BELOW			RND TO RND AIR DUCT TAKE-OFF			ELECTRIC MOTOR ACTUATOR			PIPE CAP OR PLUG
		GRILLE OR LOUVER DESIGNATION WHERE BALANCING NOT REQUIRED			MEDIUM PRESSURE TAKE-OFF			SOLENOID ACTUATOR			REDUCER - CONCENTRIC / ECCENTRIC
		REVISION DESIGNATOR AND NUMBER			FLEXIBLE AIR DUCT			BUTTERFLY VALVE			EXPANSION JOINT
		KEY NOTE DESIGNATOR AND NUMBER			LINED DUCT			GATE VALVE			FLEXIBLE CONNECTION
	POC	POINT OF CONNECTION			RADIUS ELBOW			GLOBE VALVE - STRAIGHT PATTERN			ANCHOR POINT
	POR	POINT OF REMOVAL			ECCENTRIC DUCT TRANSITION			GLOBE VALVE - ANGLE PATTERN		CD	CONDENSATE DRAIN
	AFF	ABOVE FINISHED FLOOR			CONCENTRIC DUCT TRANSITION			MOTORIZED 2-WAY CONTROL VALVE		G	NATURAL GAS PIPING
	AP	ACCESS PANEL			VOLUME DAMPER			MOTORIZED 3-WAY CONTROL VALVE		CF	CHEMICAL FEED LINE
	C EL.	CENTERLINE ELEVATION			SUPPLY AIR DIFFUSER		PRV	PRESSURE REDUCING VALVE		GF	GLYCOL FILL LINE
	GC	GENERAL CONTRACTOR			RETURN & TRANSFER AIR GRILLE			CHECK VALVE		MU	MAKE-UP WATER LINE
	MC	MECHANICAL CONTRACTOR			EXHAUST GRILLE OR CEILING EXH. FAN			CIRCUIT BALANCING VALVE		CW	CULINARY COLD WATER
	ATC	CONTROLS CONTRACTOR			RETURN & OUTSIDE AIR DUCT UP/DN			BALL VALVE		HW	CULINARY HOT WATER
	EC	ELECTRICAL CONTRACTOR			SUPPLY AIR DUCT UP/DN			PRESSURE RELIEF VALVE		HWREC	CULINARY HOT WATER RECIRC
	FPC	FIRE PROTECTION CONTRACTOR			SUPPLY AIR ROUND DUCT UP/DN			THERMAL RELIEF VALVE		HWS	HEATING WATER SUPPLY
	NIC	NOT IN CONTRACT			EXHAUST AIR DUCT UP/DN			SAFETY RELIEF VALVE		HWR	HEATING WATER RETURN
	NTS	NOT TO SCALE			EXHAUST AIR ROUND DUCT UP/DN			PLUG VALVE		CHWS	CHILLED WATER SUPPLY
	VCP	VITRIFIED CLAY PIPE		AP	ACCESS PANEL			TRIPLE DUTY VALVE		CHWR	CHILLED WATER RETURN
	C	COMMON			EXISTING EQUIPMENT TO BE REMOVED			AUTOMATIC AIR VENT		HTWS	HIGH TEMP HEATING WATER SUPPLY
	NC	NORMALLY CLOSED			EXISTING EQUIPMENT TO REMAIN			MANUAL AIR VENT		HTWR	HIGH TEMP HEATING WATER RETURN
	NO	NORMALLY OPEN			NEW EQUIPMENT			STRAINER		LPS	LOW PRESSURE STEAM
				SA	SUPPLY AIR			STRAINER W/ PLUG BLOW OFF		LPR	LOW PRESSURE STEAM RETURN
				RA	RETURN AIR			VENTURI		HPS	HIGH PRESSURE STEAM
				EA	EXHAUST AIR			PRESSURE GAUGE W/ COCK - WATER		HPR	HIGH PRESSURE STEAM RETURN
				OA	OUTSIDE AIR			PRESSURE GAUGE W/ COCK - STEAM		CS	CONDENSER SUPPLY
				MA	MIXED AIR			THERMOMETER & THERMOWELL		CR	CONDENSER RETURN
				RF	RELIEF AIR			WATER TEMP SENSOR & THERMOWELL		PC	PUMPED CONDENSATE
				FO	FLAT OVAL			FLOW SWITCH		L	REFRIGERANT LIQUID
				MVD	MOTORIZED VOLUME DAMPER			PRESSURE SWITCH		S	REFRIGERANT SUCTION
				BD	BACKDRAFT DAMPER			THERMOWELL		FOS	FUEL OIL SUPPLY
				FD	FIRE DAMPER			PRESSURE & TEMP TAP		FOR	FUEL OIL RETURN
				SD	SMOKE DAMPER			INVERTED BUCKET STEAM TRAP		FOV	FUEL OIL VENT
				FS	FIRE & SMOKE DAMPER			THERMOSTATIC STEAM TRAP			
				T-STAT	WALL MOUNTED THERMOSTAT			FLOAT & THERMOSTATIC STEAM TRAP			
					WALL MOUNTED TEMP. SENSOR			DIRECTION OF FLOW			
				H-STAT	WALL MOUNTED HUMIDISTAT						
				F-STAT	WALL MOUNTED FIRESTAT			BACKFLOW PREVENTING VALVE			

GENERAL NOTES

G-1 - MECHANICAL INFORMATION IS NOT LIMITED TO THE MECHANICAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION OF THE EXISTING BUILDING AND SITE CONDITIONS, EXISTING PIPING, EXISTING ELECTRICAL, AND EXISTING SUPPORTS.

A - EACH DRAWING SHEET AND THE SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH ITEMS SHOWN AND NOTED ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN ALL PLACES. ITEMS IN SPECIFICATIONS OR DRAWINGS LISTED WHICH ARE DIFFERING IN EFFICIENCY OR QUALITY SHALL BE HELD TO THE GREATEST OF: EFFICIENCY, QUALITY OR GOVERNING CODE.

B - THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE INSTALLATION OF THE SYSTEMS ACCORDING TO THE TRUE INTENT AND MEANING OF THE CONTRACT DOCUMENTS.

C - THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITH PROPER SERVICE ACCESS AND CLEARANCES ACCORDING TO MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL REVIEW SUPPLIERS BID PACKAGES FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS, SCHEDULES, AND DESIGN INTENT (ALL EQUIPMENT AND METHODS). THE CONTRACTOR SHALL REMOVE AND REINSTALL CORRECTLY AT HIS OWN EXPENSE ANY EQUIPMENT NOT IN COMPLIANCE.

D - THE CONTRACTOR SHALL CONSULT MANUFACTURERS INSTALLATION INSTRUCTIONS FOR SIZES, METHODS, ACCESSORIES, AND CLEARANCES IN SPACE AVAILABLE PRIOR TO BIDDING PROJECT.

E - ANYTHING NOT CLEAR OR IN CONFLICT WILL BE EXPLAINED BY MAKING APPLICATION TO THE ENGINEER IN WRITING.

G-2 - ANY AND ALL ALTERATIONS TO THE SYSTEM SHOWN SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO CHANGES FOR APPROVAL. CONTRACTOR SHALL NOT START ANY CHANGES UNTIL NOTIFIED IN WRITING. IF CHANGES ARE MADE PRIOR TO APPROVAL CONTRACTOR SHALL TAKE ALL RESPONSIBILITY FOR THE CHANGES MADE AND ALL COSTS RELATING TO FAILURE OR REPLACEMENT OF ALTERATIONS.

G-3 - CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS.

G-4 - THE WORKING DRAWINGS ARE DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND, OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR MECHANICAL EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL DRAWINGS. THE CONTRACTOR SHALL PROVIDE OR COORDINATE WITH THE GENERAL CONTRACTOR PROVISIONS FOR BLOCKOUTS OR CORE DRILLS THROUGH STRUCTURE.

G-5 - THE INSTRUCTION TO "PROVIDE" ALSO INCLUDES INSTALLATION.

G-6 - MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL SMOKE AND FIRE DAMPERS AS REQUIRED BY LOCAL CODES AND AUTHORITIES.

G-7 - SHEET METAL DUCT SIZES SHOWN ON DRAWINGS ARE FREE AREA DIMENSIONS.

G-8 - PROVIDE AND INSTALL BALANCING DAMPERS IN ALL SUPPLY AND EXHAUST AIR BRANCH DUCTS. BALANCE TO CFM SHOWN ON PLAN.

G-9 - SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF DIFFUSERS AND GRILLES.

G-10 - PROVIDE TURNING VANES IN ALL ELBOWS OF RECTANGULAR DUCT.

G-11 - THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY IN HANDLING AND DISPOSING OF REFRIGERANTS, OILS, ETC. ALL SUCH MATERIALS SHALL BE HANDLED, DISPOSED, AND USED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS.

G-12 - THE MECHANICAL CONTRACTOR SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWING BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS.

G-13 - C.F.M. LISTED IS ACTUAL AIR.

G-14 - SUPPLIERS SHALL REVIEW ALL DRAWINGS AND THE SPECIFICATIONS PRIOR TO SUBMITTING PRICES TO THE CONTRACTOR. ALL QUESTIONS AND DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO BIDDING.

G-15 - CONTRACTOR SHALL THOROUGHLY REVIEW AND SIGN SUBMITTALS FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS PRIOR TO ENGINEERS REVIEW. SUPPLIERS SHALL HIGHLIGHT OR MARK ALL INFORMATION REQUIRED TO SHOW COMPLIANCE TO THE SPECIFICATIONS. ALL REQUESTED EXCEPTIONS TO THE SPECIFICATIONS, OR SCHEDULES SHALL BE CLEARLY NOTED AND EXPLAINED. SUBMITTAL REVIEW AND ACCEPTANCE IS FOR DESIGN CONCEPT ONLY, AND DOES NOT AT ANY TIME RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO MEET SPECIFICATIONS, CAPACITIES, OR DESIGN INTENT.

G-16 - ALL MECHANICAL SHALL BE INSTALLED AND CONFORM TO THE 2021 EDITION OF THE IMC AND IPC WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.

G-17 - THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE DRAINING DOWN AND RE-FILLING OF ALL SYSTEMS NECESSARY TO COMPLETE THE WORK OUTLINED BY THIS PROJECT. THIS INCLUDES PROVIDING THE REQUIRED CHEMICAL TREATMENT WHEN RE-FILLING THE SYSTEM.

G-18 - ALL PIPING, MATERIALS, ETC. SHALL BE NEW AND DOMESTIC MADE UNLESS SPECIFICALLY AUTHORIZED IN WRITING PRIOR TO BID.

G-19 - PROVIDE FIRE SPRINKLER MODIFICATIONS PER PERFORMANCE SPECIFICATION THROUGH NICET LEVEL 3 CERTIFIED DESIGN BUILD FIRE SPRINKLER CONTRACTOR.

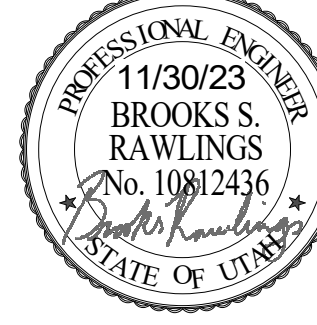
G-20 - THIS CONTRACTOR SHALL CONTRACT WITH A DESIGN BUILD ELECTRICAL CONTRACTOR FOR THE DESIGN AND CONSTRUCTION OF THE ELECTRICAL PORTION OF THIS PROJECT. ELECTRICAL INSTALLATION AND DESIGN SHALL BE PER 2020 NEC.



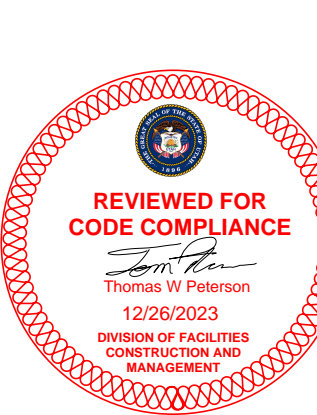
SPE ARCHITECTS

P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP



CODE OFFICIAL STAMP



PROJECT NAME:

2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

REVISIONS:

NO. DATE DESCRIPTION

11/13/2023 CONSTRUCTION BID SET

ISSUED:

NO. DATE DESCRIPTION

11/13/2023 CONSTRUCTION BID SET

OWNER PROJECT #:

24371550

SPE PROJECT #:

23-52

DRAWN BY:

AE

CHECKED BY:

BR

DESIGNED BY:

BR

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SHEET TITLE:

MECHANICAL
LEGEND AND
GENERAL NOTES

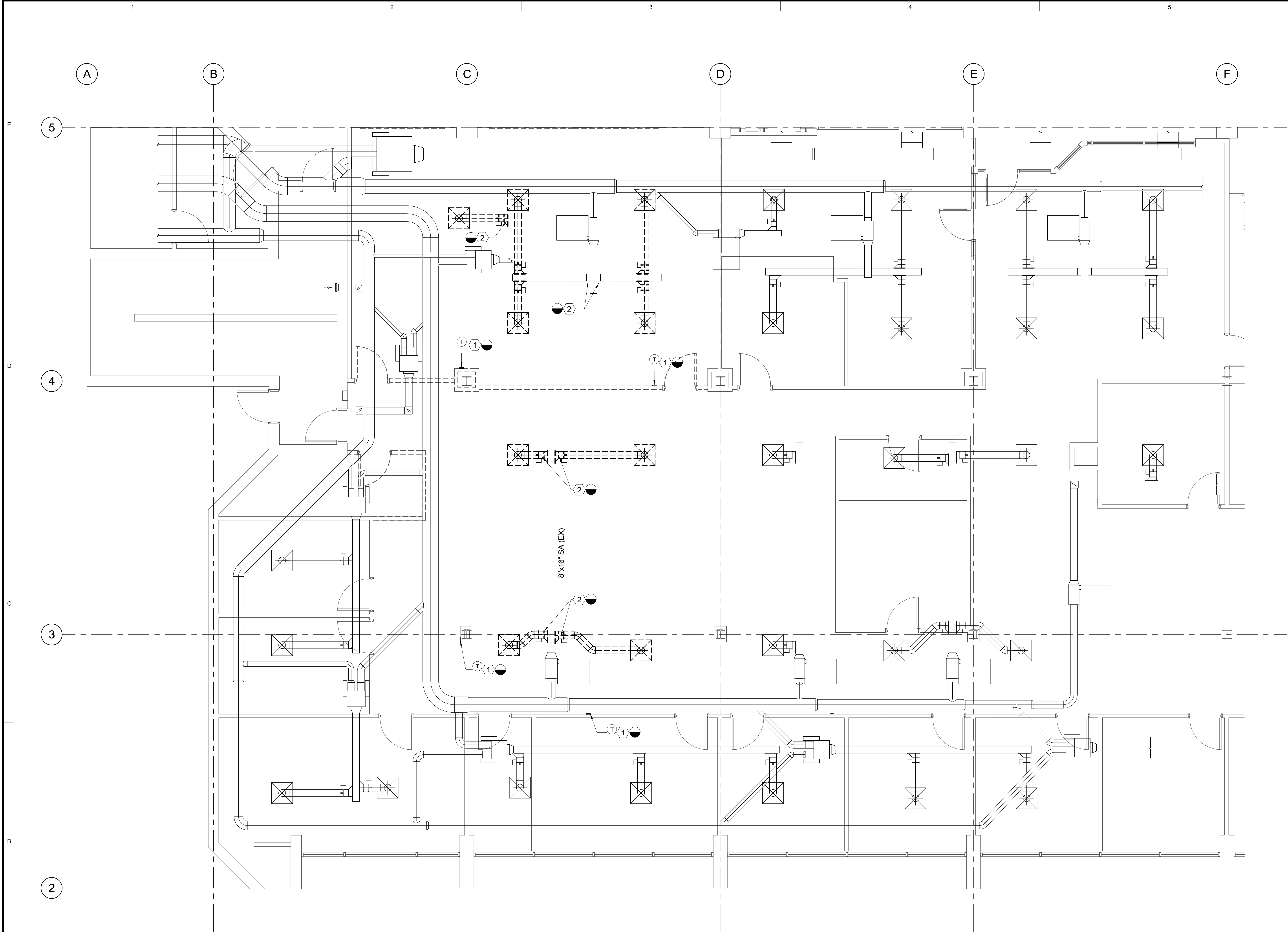
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MG001



WHW
ENGINEERING LLC.
PROFESSIONAL MECHANICAL ENGINEERING

8619 Sandy Parkway Suite 101
SANDY, UTAH 84070
(801)466-4021, FAX 466-8536
EMAIL: excellence@whw-engineering.com



1 LEVEL 1 MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"

SHEET NOTES

- 1 REMOVE AND RELOCATE EXISTING THERMOSTAT FOR ASSOCIATED TERMINAL UNIT IN THIS APPROXIMATE LOCATION. FIELD VERIFY. SEE ME101.1 FOR NEW LOCATIONS.
- 2 REMOVE ALL DUCTWORK AND ASSOCIATED ITEMS BACK TO THIS APPROXIMATE LOCATION. FIELD VERIFY.

ARCHITECTS INFORMATION



SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP



PROFESSIONAL ENGINEER
11/30/23
BROOKS S. RAWLINGS
No. 10812436
STATE OF UTAH

CODE OFFICIAL STAMP



REVIEWED FOR
CODE COMPLIANCE
Reviewed By: Division
12/09/2023
DIVISION OF PUBLIC
CONSTRUCTION

PROJECT NAME

2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS

NO.	DATE	DESCRIPTION

ISSUED:

NO.	DATE	DESCRIPTION
01	11/30/23	CONSTRUCTION BID SET

OWNER PROJECT #: 24371550
SPE PROJECT #: 23-52
DRAWN BY: AE
CHECKED BY: BR
DESIGNED BY: BR
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SHEET TITLE

MECHANICAL
DEMOLITION
PLAN

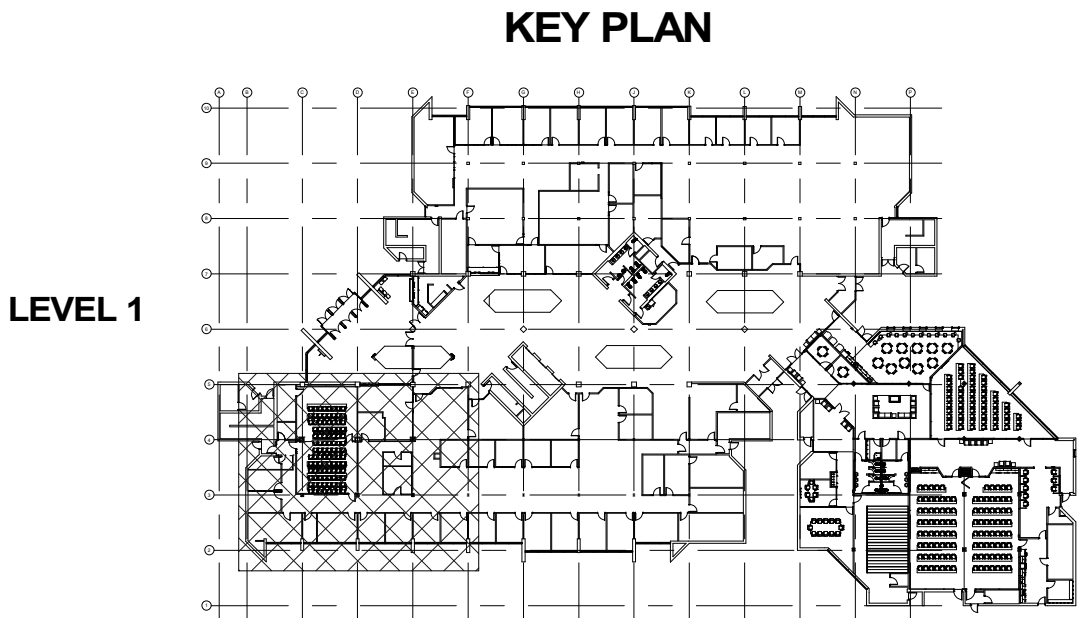
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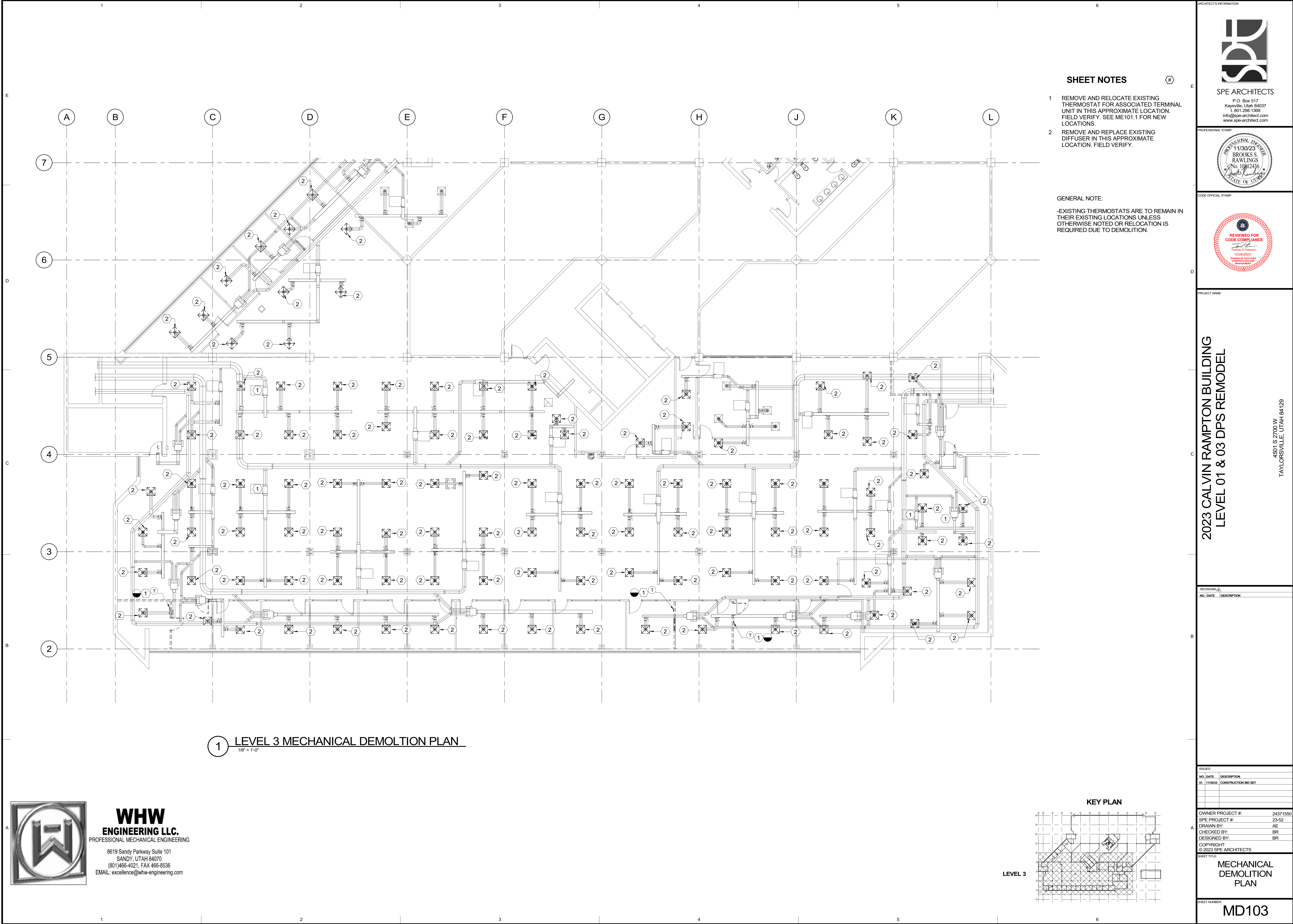
MD101



WHW
ENGINEERING LLC.
PROFESSIONAL MECHANICAL ENGINEERING

8619 Sandy Parkway Suite 101
SANDY, UTAH 84070
(801)466-4021, FAX 466-8536
EMAIL: excellence@whw-engineering.com





SHEET NOTES

- 1 REMOVE AND RELOCATE EXISTING THERMOSTAT FOR ASSOCIATED TERMINAL UNIT IN THIS APPROXIMATE LOCATION. FIELD VERIFY. SEE ME101.1 FOR NEW LOCATIONS.
- 2 REMOVE AND REPLACE EXISTING DIFFUSER IN THIS APPROXIMATE LOCATION. FIELD VERIFY.

GENERAL NOTE:

-EXISTING THERMOSTATS ARE TO REMAIN IN THEIR EXISTING LOCATIONS UNLESS OTHERWISE NOTED OR RELOCATION IS REQUIRED DUE TO DEMOLITION.



SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP



CODE OFFICIAL STAMP



PROJECT NAME

**2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL**

REVISIONS

NO.	DATE	DESCRIPTION
01	11/29/23	CONSTRUCTION BID SET

ISSUED:

NO.	DATE	DESCRIPTION
01	11/29/23	CONSTRUCTION BID SET

OWNER PROJECT #:

SPE PROJECT #:

DRAWN BY:

CHECKED BY:

DESIGNED BY:

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**MECHANICAL
DEMOLITION
PLAN**

SHEET NUMBER

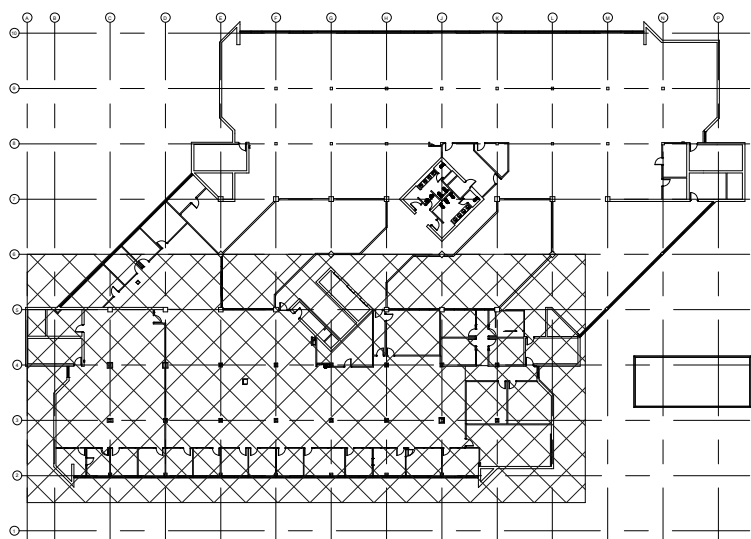
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**WHW
ENGINEERING LLC.**
PROFESSIONAL MECHANICAL ENGINEERING
8619 Sandy Parkway Suite 101
SANDY, UTAH 84070
(801)466-4021, FAX 466-8536
EMAIL: excellence@whw-engineering.com

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

KEY PLAN

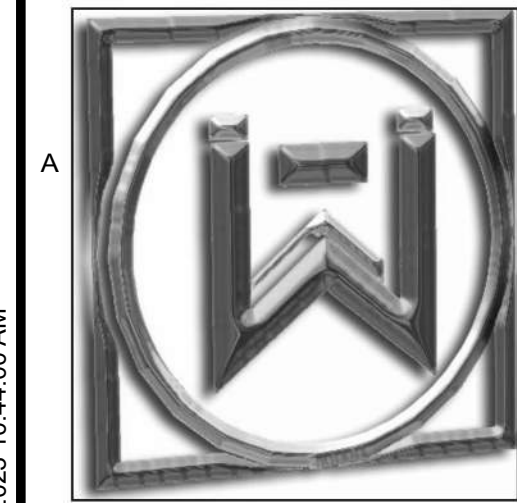


LEVEL 3

1 LEVEL 3 MECHANICAL DEMOLITION PLAN

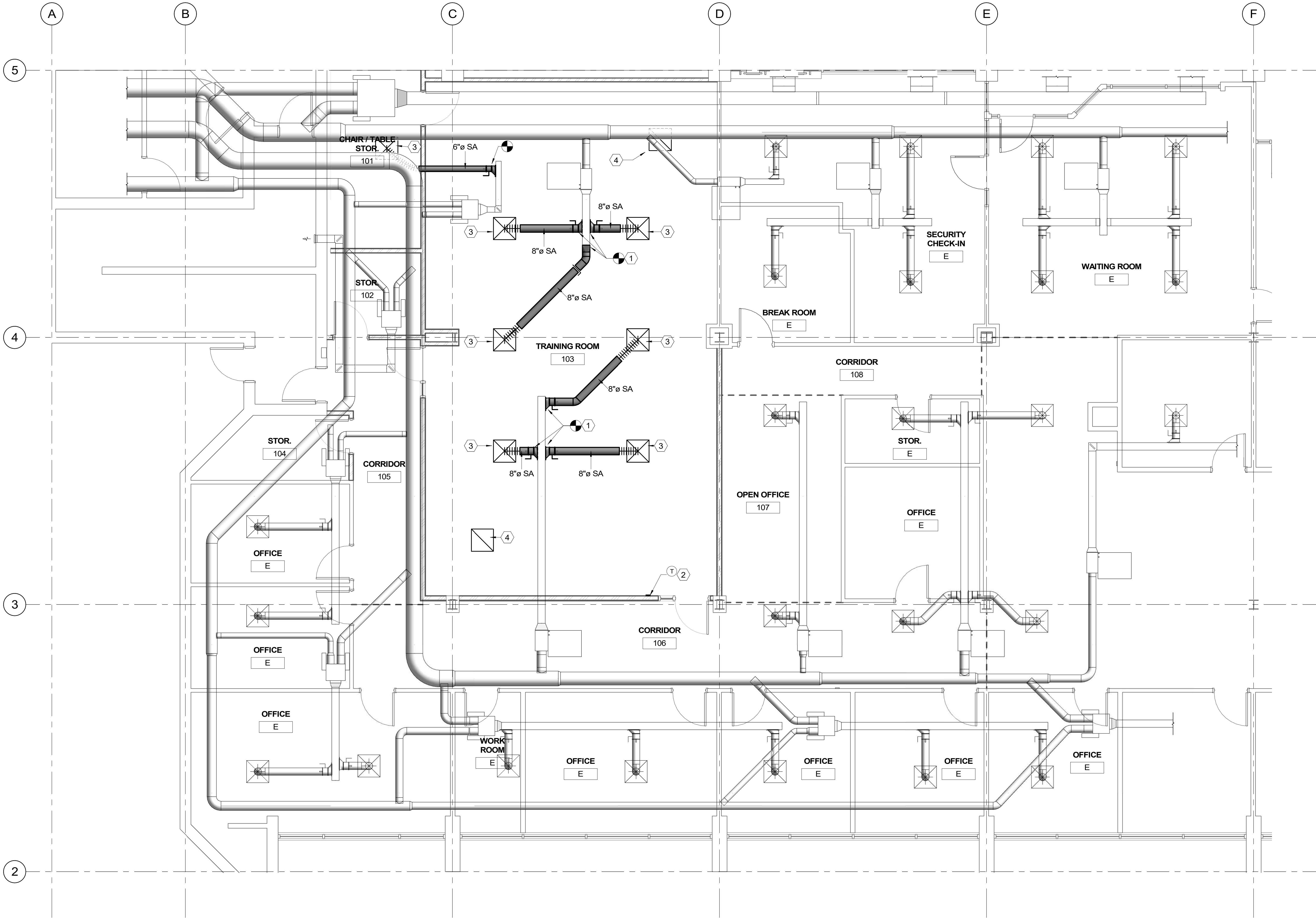
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WHW
ENGINEERING LLC.
PROFESSIONAL MECHANICAL ENGINEERING
8619 Sandy Parkway Suite 101
SANDY, UTAH 84070
(801)466-4021, FAX 466-8536
EMAIL: excellence@whw-engineering.com

1 LEVEL 1 MECHANICAL PLAN
1/4" = 1'-0"



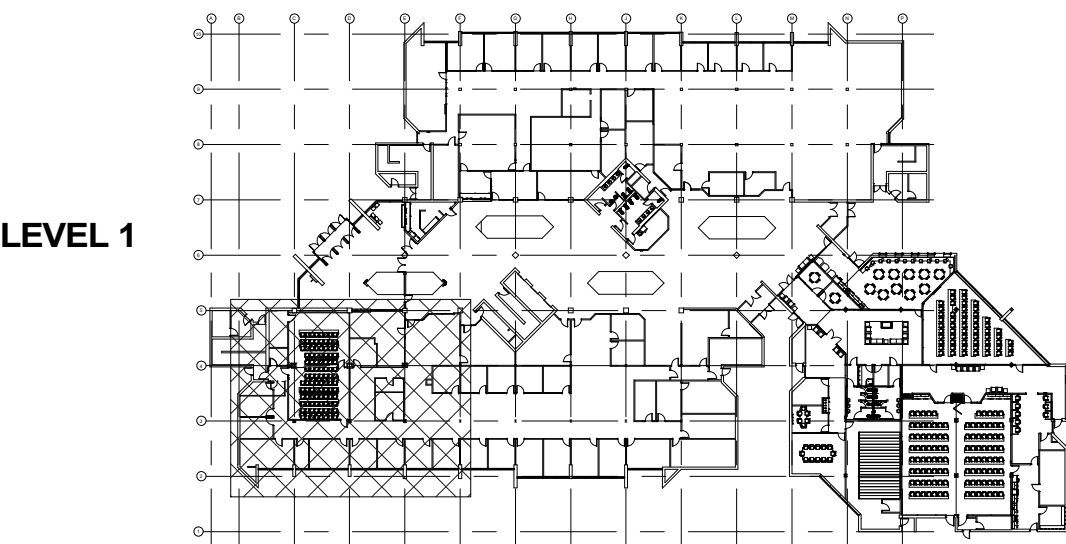
SHEET NOTES

- 1 TIE INTO EXISTING DUCTWORK IN THIS APPROXIMATE LOCATION. PROVIDE HANGERS AND SUPPORTS AS NEEDED.
- 2 PROVIDE 7 DAY PROGRAMMABLE THERMOSTAT IN THIS APPROXIMATE LOCATION. MOUNT AT 48" AFF.
- 3 PROVIDE NEW DIFFUSER AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION.
- 4 PROVIDE NEW RETURN AIR GRILLE AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION.

GENERAL NOTE:

- BALANCE NEW DIFFUSERS TO CFM SHOWN ON RCP PLAN.

KEY PLAN



ARCHITECTS INFORMATION

P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP

CODE OFFICIAL STAMP

PROJECT NAME:

**2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL**

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS

NO.	DATE	DESCRIPTION

ISSUED:

NO.	DATE	DESCRIPTION
01	11/29/23	CONSTRUCTION BID SET

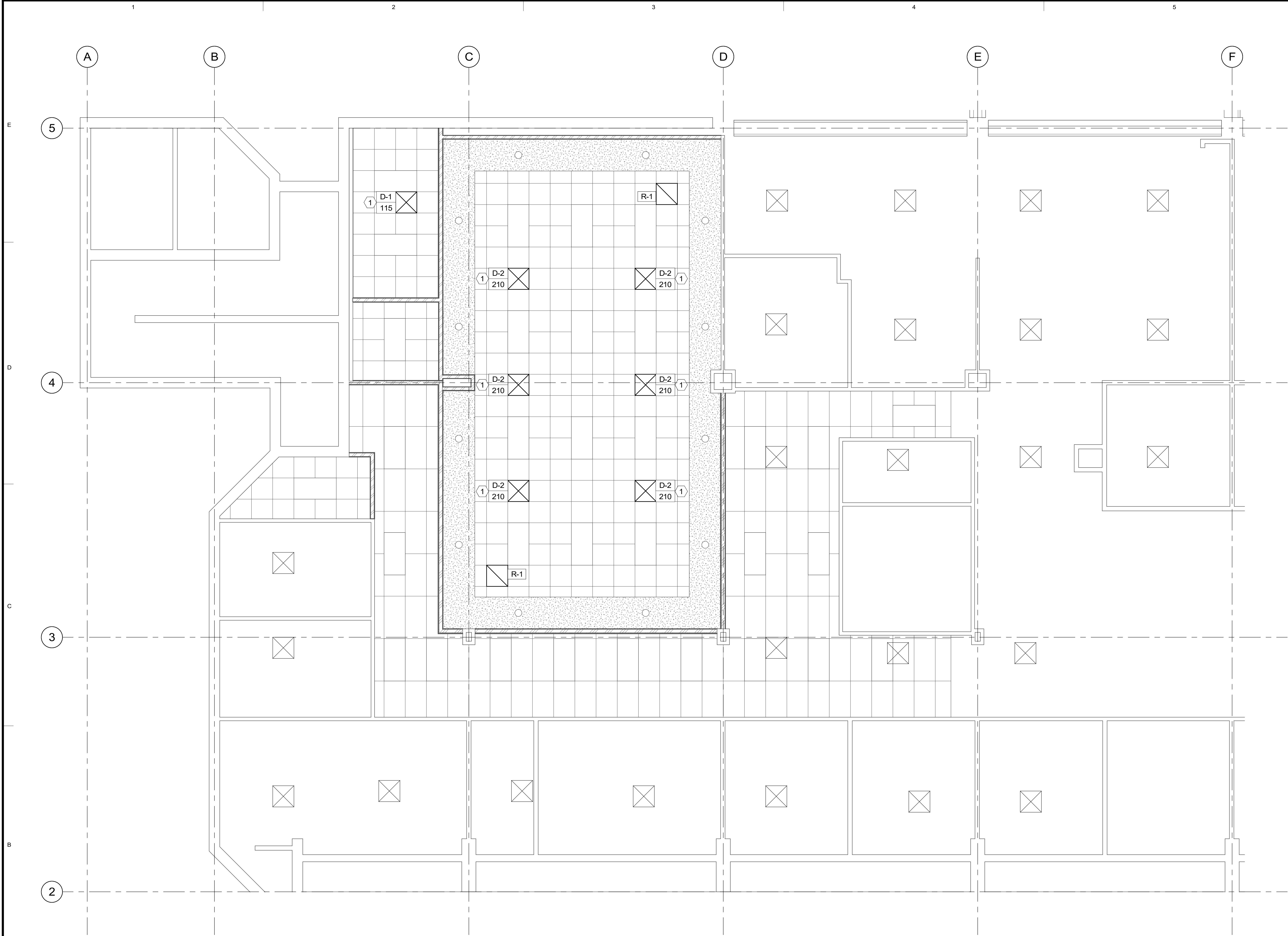
OWNER PROJECT #: 24371550
SPE PROJECT #: 23-52
DRAWN BY: AE
CHECKED BY: BR
DESIGNED BY: BR
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SHEET TITLE:

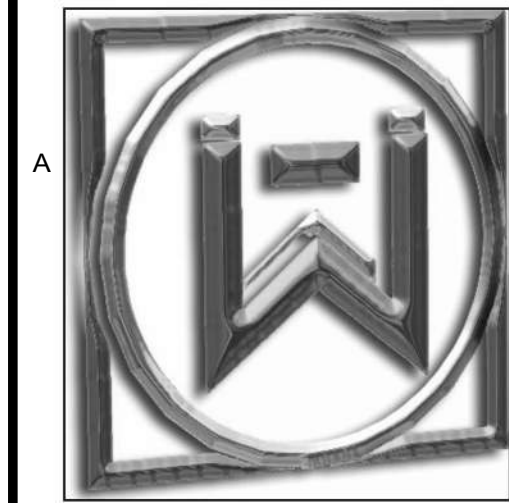
**MECHANICAL
PLANS**

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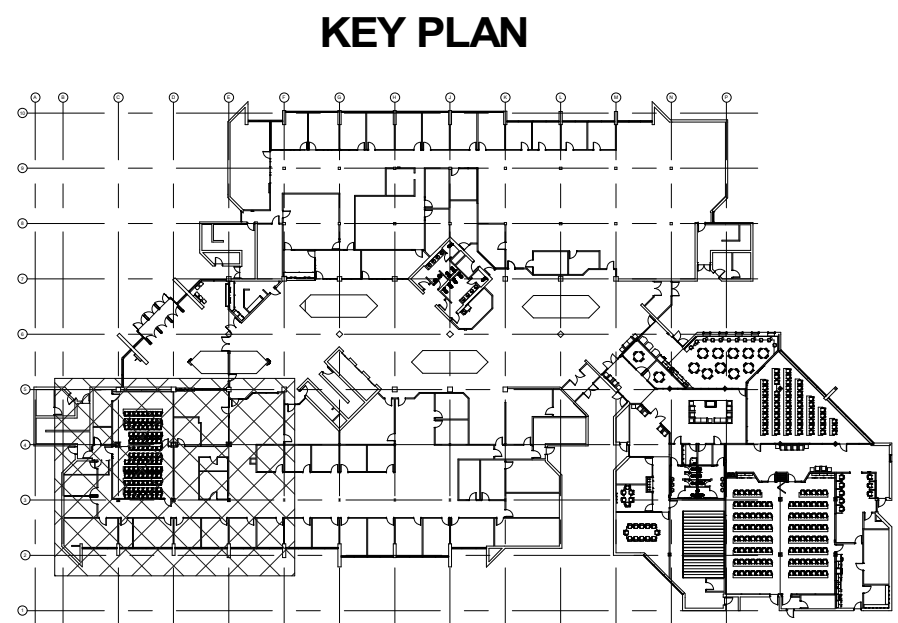
ME101.1



1 LEVEL 1 REFLECTED CEILING PLAN
1/4" = 1'-0"



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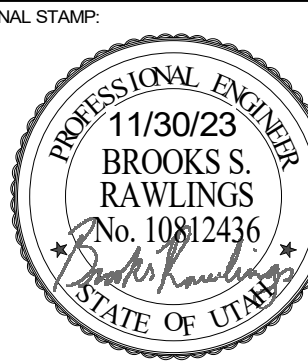


SHEET NOTES

- 1 BALANCE DIFFUSER TO CFM SHOWN.



SPE ARCHITECTS
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2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

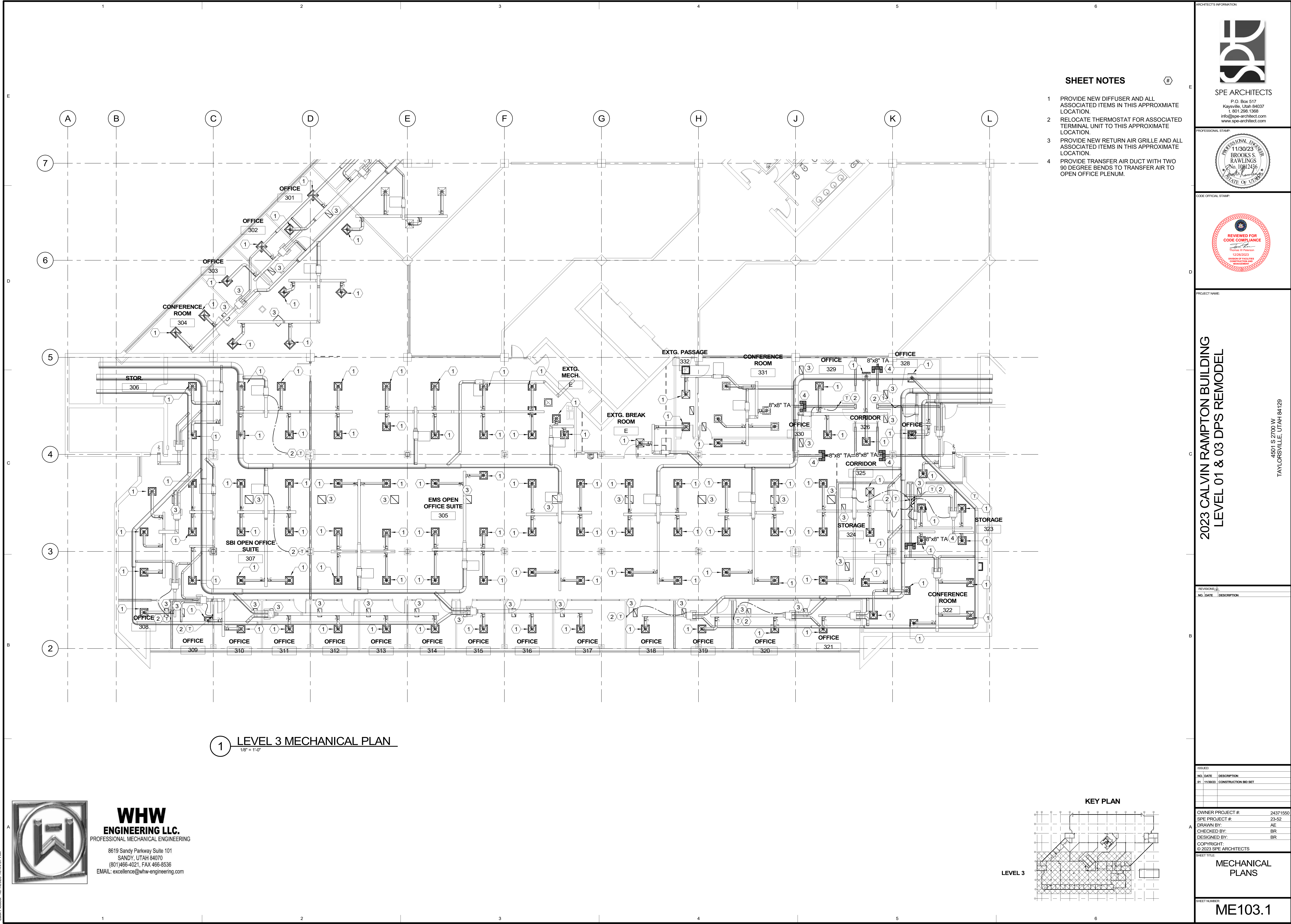
REVISIONS		
NO.	DATE	DESCRIPTION

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NO.	DATE
01	11/30/23

OWNER PROJECT #:	24371550
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**MECHANICAL
REFLECTED
CEILING PLANS**

SHEET NUMBER
ME101.2



SHEET NOTES

- 1 PROVIDE NEW DIFFUSER AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION.
- 2 RELOCATE THERMOSTAT FOR ASSOCIATED TERMINAL UNIT TO THIS APPROXIMATE LOCATION.
- 3 PROVIDE NEW RETURN AIR GRILLE AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION.
- 4 PROVIDE TRANSFER AIR DUCT WITH TWO 90 DEGREE BENDS TO TRANSFER AIR TO OPEN OFFICE PLENUM.



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Kaysville, Utah 84037
t: 801.298.1368
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www.spe-architect.com



2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

4501 S 2700 W
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REVISIONS

NO. DATE DESCRIPTION

ISSUED:

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SHEET TITLE:

MECHANICAL
PLANS

SHEET NUMBER

ME103.1

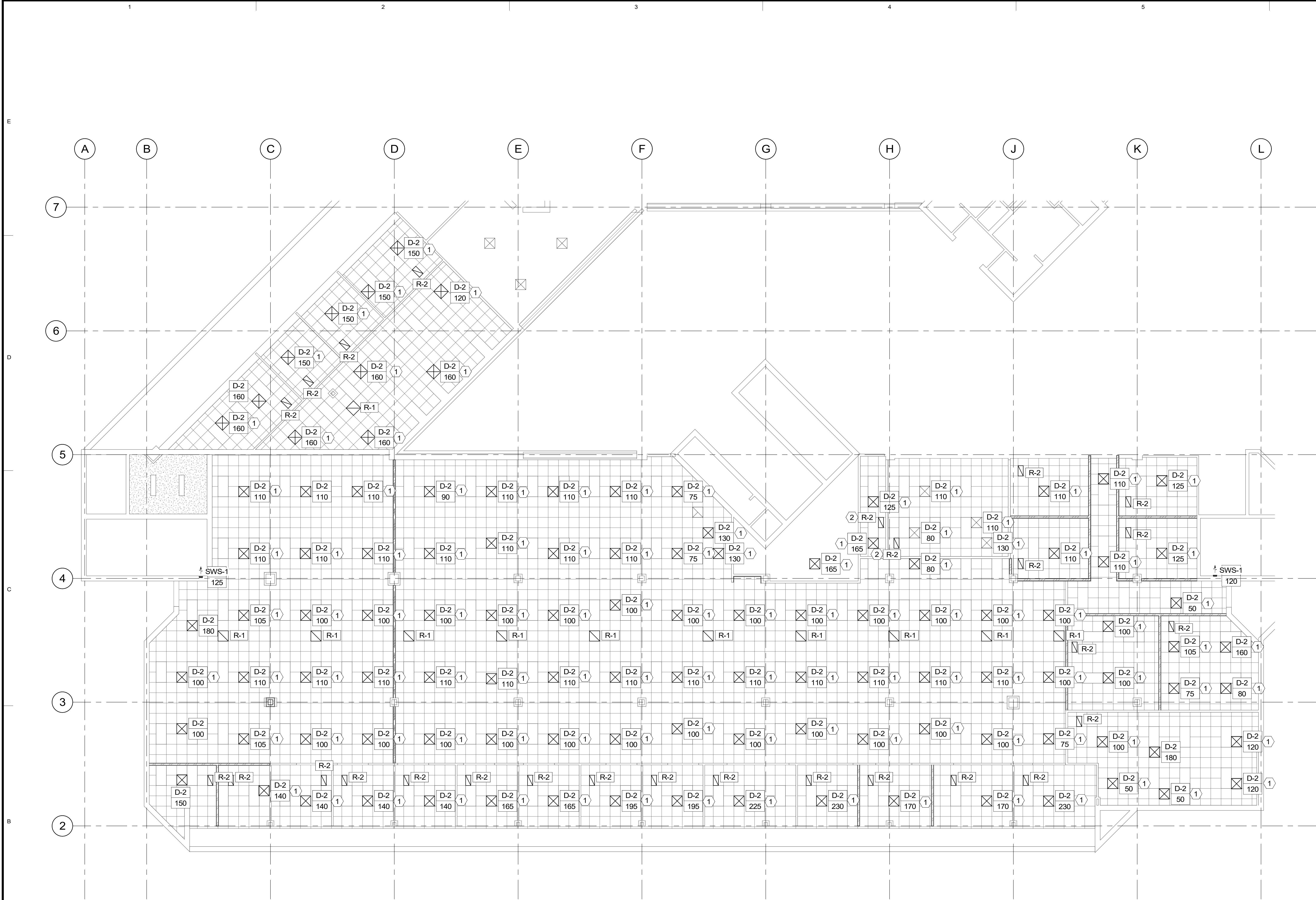
1 LEVEL 3 MECHANICAL PLAN

1/8" = 1'-0"



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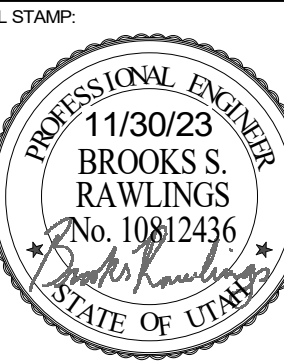
1 LEVEL 3 REFLECTED CEILING PLAN
1/8" = 1'-0"

SHEET NOTES

- 1 BALANCE DIFFUSER TO CFM SHOWN.
- 2 PROVIDE NEW RETURN AIR GRILLE AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION.



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PROJECT NAME:

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LEVEL 01 & 03 DPS REMODEL

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REVISIONS:

NO. DATE DESCRIPTION

ISSUED:

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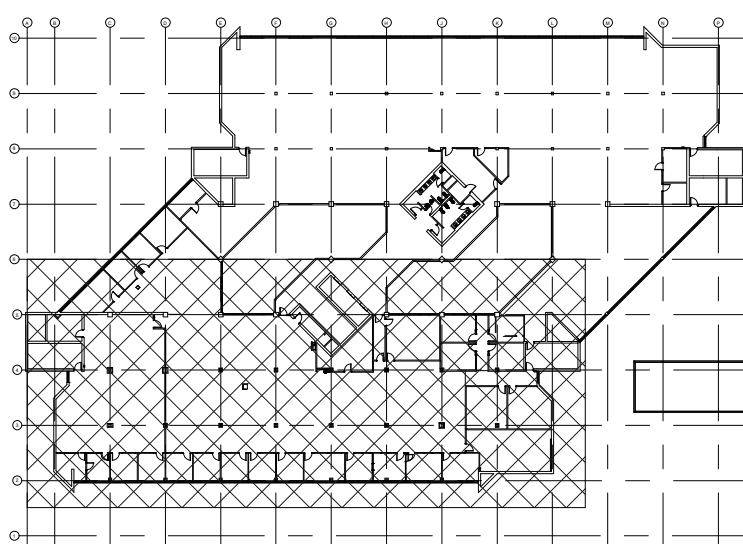
SHEET TITLE:

MECHANICAL
REFLECTED
CEILING PLANS

SHEET NUMBER:

ME103.2

KEY PLAN



LEVEL 3



WHW
ENGINEERING LLC.
PROFESSIONAL MECHANICAL ENGINEERING

8619 Sandy Parkway Suite 101
SANDY, UTAH 84070
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1. SHALL BE PRICE OR APPROVED EQUAL.
2. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS
3. FINISH SHALL BE STANDARD WHITE.



Last Printed: 11/30/2023 10:52:37 AM

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMPD" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE.
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
	ELECTRICAL EQUIPMENT INDICATOR. "XXX" INDICATES TYPE OF EQUIPMENT OR EQUIPMENT ID. "EF-X" IDENTIFIES MECHANICAL EQUIPMENT BEING SERVED. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
WIRING METHODS	
	WIRING.
	WIRING TURNED UP OR TOWARDS OBSERVER.
	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
	JUNCTION BOX, CEILING.
	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
	JUNCTION BOX, SYSTEMS FURNITURE POWER CONNECTION.
	PULL BOX.
	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A" DENOTES CABLE TRAY WIDTH, "B" DENOTES CABLETRAY DEPTH. "+C-D" DENOTES CABLE TRAY ELEVATION ABOVE OR BELOW FINISHED SURFACE.
	LADDER RACK.
	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
	ELECTRIC VEHICLE CHARGING STATION.
	GROUND BUSBAR. REFER TO GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, DUPLEX: NEMA 5-20R.
	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, RECESSED: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE: PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	RECEPTACLE, DRYER: NEMA 14-30R.
	RECEPTACLE, RANGE: NEMA 14-50R.
	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
	DROP CORD. SEE DETAIL.
	THERMOSTAT.
	FLUSH FLOOR BOX. "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	FLUSH FIRE RATED POKE THRU. "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOOR.
	SWITCH, TIMER OPERATED.
	SWITCH, WEATHERPROOF.
	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.
	RECEPTACLE, DUPLEX, WITH USB OUTLET
ELECTRICAL POWER AND DISTRIBUTION	
	METER.
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	STARTER, COMBINATION WITH DISCONNECT SWITCH.
	STARTER OR MOTOR CONTROLLER.
	PUSHBUTTON.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
	DISTRIBUTION PANEL OR SWITCHBOARD.
	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE)
	BUSWAY.
CCTV	
	CCTV CAMERA/ENCLOSURE WITH LENS, TYPICAL. SEE SCHEDULE.
SECURITY	
	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.
	CARD READER.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
LIGHTING	
	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/OR GENERATOR AND/OR CENTRALIZED INVERTER AND/OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
	EMERGENCY.
	NIGHT LIGHT: DO NOT SWITCH.
	EXIT SIGN: SINGLE FACE, CEILING MOUNTED
	EXIT SIGN: SINGLE FACE, WALL MOUNTED
	EXIT SIGN: DOUBLE FACE, CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE, WALL MOUNTED
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
	PHOTOCELL.
	PHOTOCELL, WALL MOUNTED.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
	CEILING FAN.
	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	SWITCH+VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH+VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
	DIGITAL LIGHTING ROOM CONTROLLER
	DIGITAL LIGHTING DIMMING CONTROLLER
	LIGHTING EMERGENCY TRANSFER DEVICE
	LIGHTING SPACE CONTROL TYPE: X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.
FIRE ALARM	
	FIRE ALARM ANNUNCIATOR PANEL.
	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
	CONTROL MODULE.
	MONITOR MODULE.
	FIRE ALARM MANUAL PULL STATION.
	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	SMOKE DAMPER, 120V POWER FROM ELECTRICAL SYSTEM.
	COMBINATION FIRE/SMOKE DAMPER, 120V POWER FROM ELECTRICAL SYSTEM.
	DETECTOR, HEAT.
	DETECTOR, CARBON MONOXIDE.
	STROBE, WALL MOUNTED.
	STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE. SUBSCRIPT INDICATES CANDELA RATING.
	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
1P SINGLE POLE	KVAR KILOVOLT AMPERE REACTIVE
1PH SINGLE-PHASE	KW KILOWATT
1WAY ONE-WAY	KWH KILOWATT HOUR
2/C TWO-CONDUCTOR	LED LIQUID EMITTING DIODE
2WAY TWO-WAY	LFMC LIQUID TIGHT FLEXIBLE METAL CONDUIT
3/C THREE-CONDUCTOR	LFNC LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
3WAY THREE-WAY	LPS LOW PRESSURE SODIUM
4OUT QUADRIPOLE RECEPTACLE	LRA LOCKED ROTOR AMPS
4PST FOUR-POLE DOUBLE THROW	LTG LIGHTING
4WAY FOUR-WAY	LV LOW VOLTAGE
A ABOVE COUNTER	MA TV MASTER ANTENNA TELEVISION SYSTEM
AC ARMORED CABLE	MAX MAXIMUM
ADA AMERICANS WITH DISABILITIES	MC METAL CLAD
ADJ ADJACENT	MCM MINIMUM CIRCUIT AMPS
AFF ABOVE FINISHED FLOOR	MCB MAIN CIRCUIT BREAKER
AFG ABOVE FINISHED GRADE	MCC MOTOR CONTROL CENTER
AIC AMPERE INTERRUPTING CAPACITY	MCP MOTOR CIRCUIT PROTECTION
ALUM ALUMINUM	MCP MAIN DISTRIBUTION PANEL
AMP AMPERE	MG MOTOR GENERATOR
ANN ANNUNCIATOR	MH MANHOLE
AP ACCESS POINT (WIRELESS DATA)	MN MINIMUM
AR AS REQUIRED	MLD MAIN LUGS ONLY
ASC AMPS SHORT CIRCUIT	MOCP MAXIMUM OVERCURRENT PROTECTION
ATC AUTOMATIC TRANSFER SWITCH	MTS MANUAL TRANSFER SWITCH
AV AUDIO VISUAL	NA NOT APPLICABLE
AWG AMERICAN WIRE GAGE	NC NORMALLY CLOSED
BB BUCK-BOOST TRANSFORMER	NEC NATIONAL ELECTRICAL CODE
BFF BELOW FINISHED FLOOR	NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BFG BELOW FINISHED GRADE	NFC NATIONAL FIRE CODE
C CEILING MOUNTED	NFPA NATIONAL FIRE PROTECTION ASSOCIATION
CAT CATEGORY	NIC NOT IN CONTRACT
CATV COMMUNITY ANTENNA TELEVISION	NIGHT LIGHT
CB CIRCUIT BREAKER	NO NORMALLY OPEN
CCBA CUSTOM COLOR AS SELECTED BY ARCHITECT	NTS NOT TO SCALE
CCTV CLOSED CIRCUIT TELEVISION	OC ON CENTER
CF/CI CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED	OCP OVER CURRENT PROTECTION
CF/IO CONTRACTOR FURNISHED/ OWNER INSTALLED	OE OWNER ELECTRONICS
CFBA CUSTOM FINISH AS SELECTED BY ARCHITECT	OF/CI OWNER FURNISHED/ CONTRACTOR INSTALLED
CKT CIRCUIT	OF/IO OWNER FURNISHED/ OWNER INSTALLED
CM CONSTRUCTION MANAGER	OPF OBTAIN FROM PLANS
CND CONDUIT	OH DR OVERHEAD (COILING) DOOR
CO CONVENIENCE OUTLET	OI OVERLOAD
COR CONTRACTING OFFICERS REPRESENTATIVE	PB PUSHBUTTON
CP CONTROL PANEL	PF POWER FACTOR
CT CURRENT TRANSFORMER	PH PHASE
CTV CABLE TELEVISION	PNL PANEL
CU COPPER	PNM PLENUM
DBA UNIT OF SOUND LEVEL	PR PAIR
DBPT DOUBLE POLE, DOUBLE THROW	PS POWER SUPPLY
DS DISCONNECT SWITCH	PT POTENTIAL TRANSFORMER
EA EACH	PTZ PAN/TILT/ZOOM
EM EMERGENCY	PV PHOTO VOLTAIC
ENT ELECTRICAL METALLIC TUBING	QTY QUANTITY
EPO EMERGENCY POWER OFF	R REMOVE
EQUIP EQUIPMENT	RCP REFLECTED CEILING PLAN
ER EXISTING	RMC RIGID METAL CONDUIT
F FIRE ALARM	RNC RIGID NONMETAL CONDUIT
FA FIRE ALARM	RPM REVOLUTIONS PER MINUTE
FACP FIRE ALARM CONTROL PANEL	RPP RISER PATCH PANEL
FLA FULL LOAD AMPS	RR REMOVE AND RELOCATE
FMC FLEXIBLE METAL CONDUIT	S/S START/STOP
FOB FREIGHT ON BOARD	SCA STANDARD COLOR AS SELECTED BY ARCHITECT
FPF FIBER PATCH PANEL	SPD SURGE PROTECTIVE DEVICE
FVNR FULL VOLTAGE NON-REVERSING	SPOT SINGLE POLE, DOUBLE THROW
FVR FULL VOLTAGE REVERSING	SPP SPECIFICATION
GEN GENERATOR	SPST STATION PATCH PANEL
GF/CI GROUND FAULT INTERRUPTER	ST SINGLE THROW
GFP GROUND FAULT PROTECTION	SWBD SWITCHBOARD
GIG GIGA HERTZ	SWGR SWITCHGEAR
GND GROUND	TL TWIST LOCK
HD HEAVY DUTY	TP TELEPHONE POLE
HID HIGH INTENSITY DISCHARGE	TP TWIST PAIR
HOA HAND-OFF-AUTOMATIC	TR TELECOMMUNICATIONS ROOM
HP HORSE POWER	TTB TELEPHONE TERMINAL BOARD
HPF HIGH POWER FACTOR	TV TELEVISION
HPS HIGH PRESSURE SODIUM	TVS TRANSIENT VOLTAGE SURGE SUPPRESSER
HV HIGH VOLTAGE	TYP TYPICAL
HWM HORIZONTAL WIRE MANAGEMENT	UF UNDERFLOOR
Hz HERTZ	UGND UNDERGROUND
IO INPUT/OUTPUT	UPS UNINTERRUPTIBLE POWER SUPPLY
IG ISOLATED GROUND	V VOLTS
IMC INTERMEDIATE METAL CONDUIT	VA VOLT AMPERE
INIS INSULATED/ ISOLATED	VFCVF VARIABLE FREQUENCY MOTOR CONTROLLER
IR INFRARED	D VWM VERTICAL WIRE MANAGEMENT
J-BOX JUNCTION BOX	W/ WITH
KV KILOVOLT	WO WITHOUT
KVA KILOVOLT AMPERE	WP WEATHERPROOF
	WPP WIRELESS PATCH PANEL
	XFMR TRANSFORMER

DEFINITIONS	
NOTE: ALL DEFINITIONS MAY NOT BE USED.	
INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.	
DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.	
APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.	
FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."	
INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."	
PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."	
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.	
TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 75 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...	

GENERAL ELECTRICAL NOTES	
1. CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.	
2. OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.	
A. THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.	
B. THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.	
C. THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.	
3. EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.	
4. SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED. JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.	
5. REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.	
6. ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFCC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHI.	
ELECTRICAL SHEET INDEX	
EE001	ELECTRICAL COVER SHEET
EE501	ELECTRICAL DETAILS
EE701	TYPICAL MOUNTING DETAILS
ED101	LEVEL 1 ELECTRICAL DEMOLITION PLAN
ED103	LEVEL 3 ELECTRICAL DEMOLITION PLAN
ED201	LEVEL 1 CEILING DEMOLITION PLAN
ED203	LEVEL 3 CEILING DEMOLITION PLAN
EP101	LEVEL 1 POWER PLAN
EP103	LEVEL 3 POWER PLAN
EL101	LEVEL 1 LIGHTING PLAN
EL103	LEVEL 3 LIGHTING PLAN
ELB01	INTERIOR LIGHTING FIXTURE SCHEDULE
ELB02	LIGHTING CONTROL SCHEDULES
EY101	LEVEL 1 AUXILIARY PLAN
EY103	LEVEL 3 AUXILIARY PLAN

FLOORBOX SCHEDULE

ABBREVIATIONS

COMPARTMENT GANG

- - NOT APPLICABLE

A/V - AV CONNECTIONS, REFER TO DRAWINGS/SPECIFICATIONS

D - DATA RECEPTACLE

DR - DUPLEX RECEPTACLE

QR - QUADRAPLEX RECEPTACLE

RATINGS

2H - 2-HOUR FIRE RATED, UL LISTED

USE

CF - CONCRETE FLOOR

CONNECTION

C1 - RECESSED CABLE CONNECTIONS BELOW FLOOR WITH HINGED LID FOR ACCESS THAT CAN BE CLOSED WHILE IN USE.

FINISH

AL - ALUMINUM

COVER

CV1 - FLANGED WITH CARPET INSERT FOR CARPET AREAS, FLANGELESS FLUSH GRAY BRUSHED ALUMINUM LID

NOTES:

1 PROVIDE ALL REQUIRED HARDWARE FOR COMPLETE INSTALLATION.

2 INCLUDE SEPARATION BARRIER BETWEEN SYSTEMS AND POWER.

ID	DESCRIPTION	DIMENSIONS			COMPARTMENTS								RATINGS	USE	CONNECTION	COVER	FINISH	MANUFACTURER 1	PART #	MANUFACTURER 2	PART #	NOTE
		LENGTH	WIDTH	DEPTH	GANG 1	GANG 2	GANG 3	GANG 4	GANG 5	GANG 6	GANG 7	GANG 8										
PTB	6" POWER/DATA/AV POKE-THRU.				DR	DR	GANG 3	GANG 4	GANG 5	AV	AV						HUBBELL	S1R6P-TFIT-3S-TRDXX	WIREMOLD			

SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t 801.298.1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP

Seal of the State of Utah, Professional Engineer, No. 8182456, JEFFREY B. HARRISON, 11/30/2023

CODE OFFICIAL STAMP

Seal of the State of Utah, Reviewed for Code Compliance, No. 12/29/2023, JEFFREY B. HARRISON, 12/29/2023

PROJECT NAME:

2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS

NO.	DATE	DESCRIPTION
01	11/30/23	CONSTRUCTION BD SET

OWNER PROJECT #:

24371550

SPE PROJECT #:

23-52

DRAWN BY:

SAM

CHECKED BY:

TDS

DESIGNED BY:

SAM

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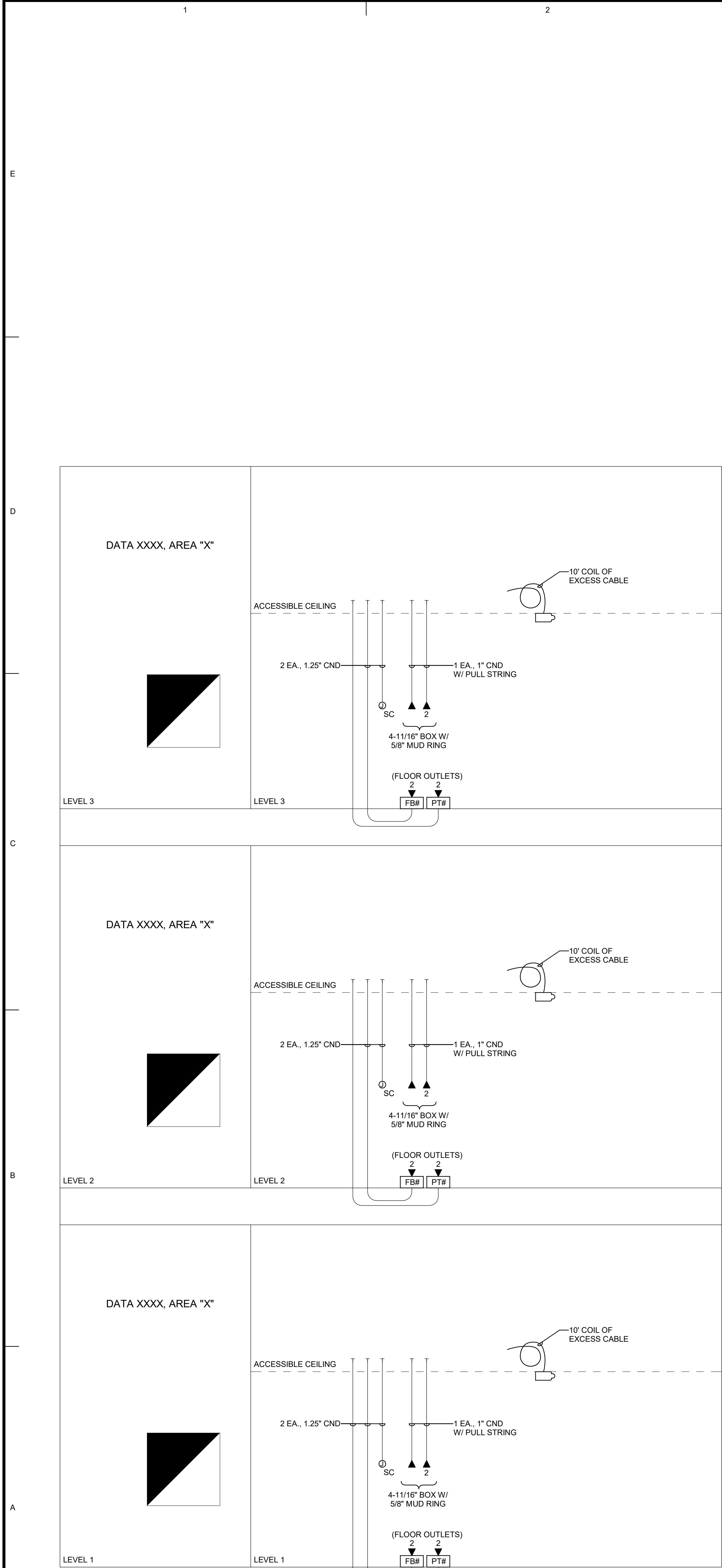
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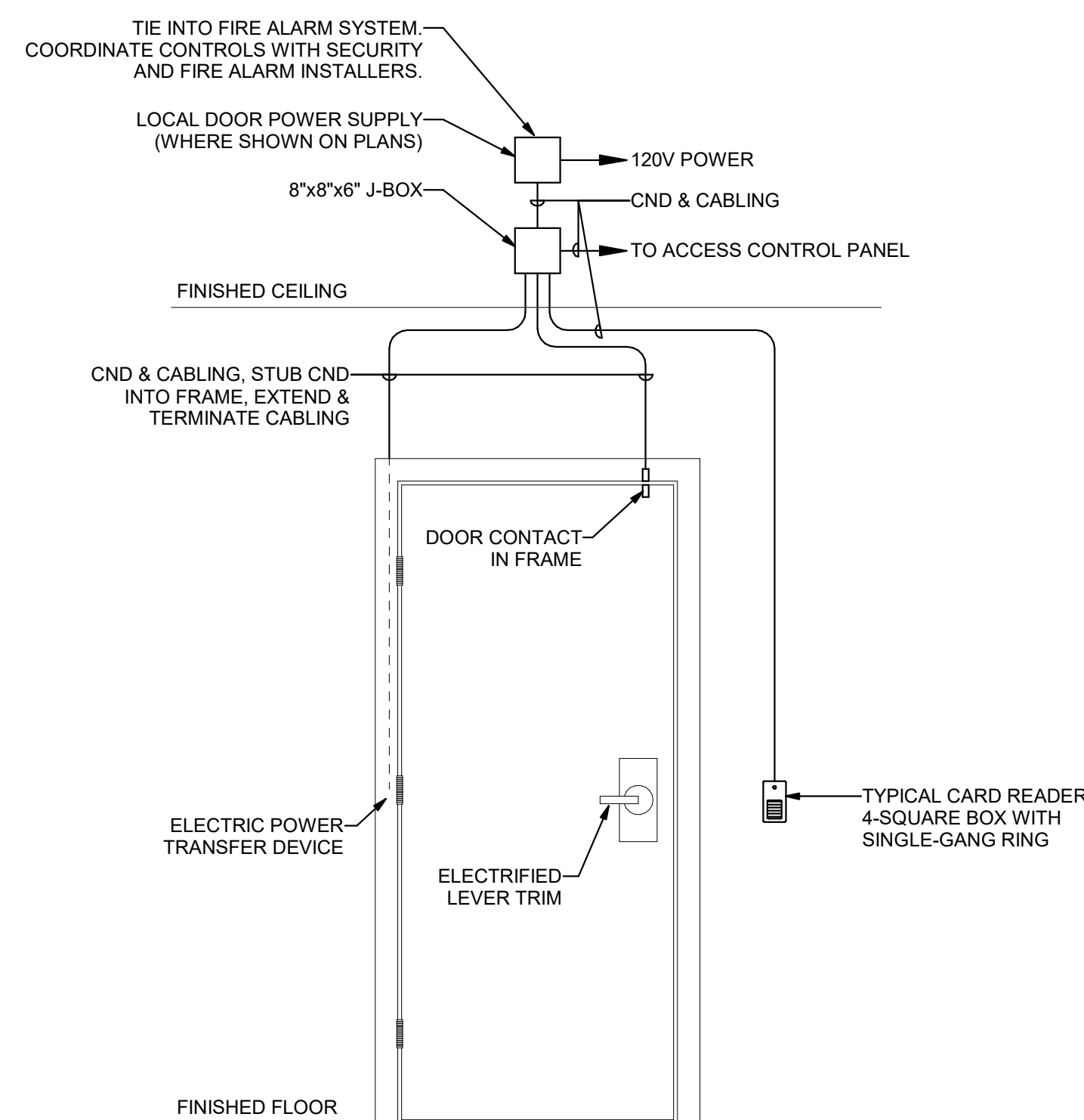
ELECTRICAL
COVER SHEET

SHEET NUMBER:

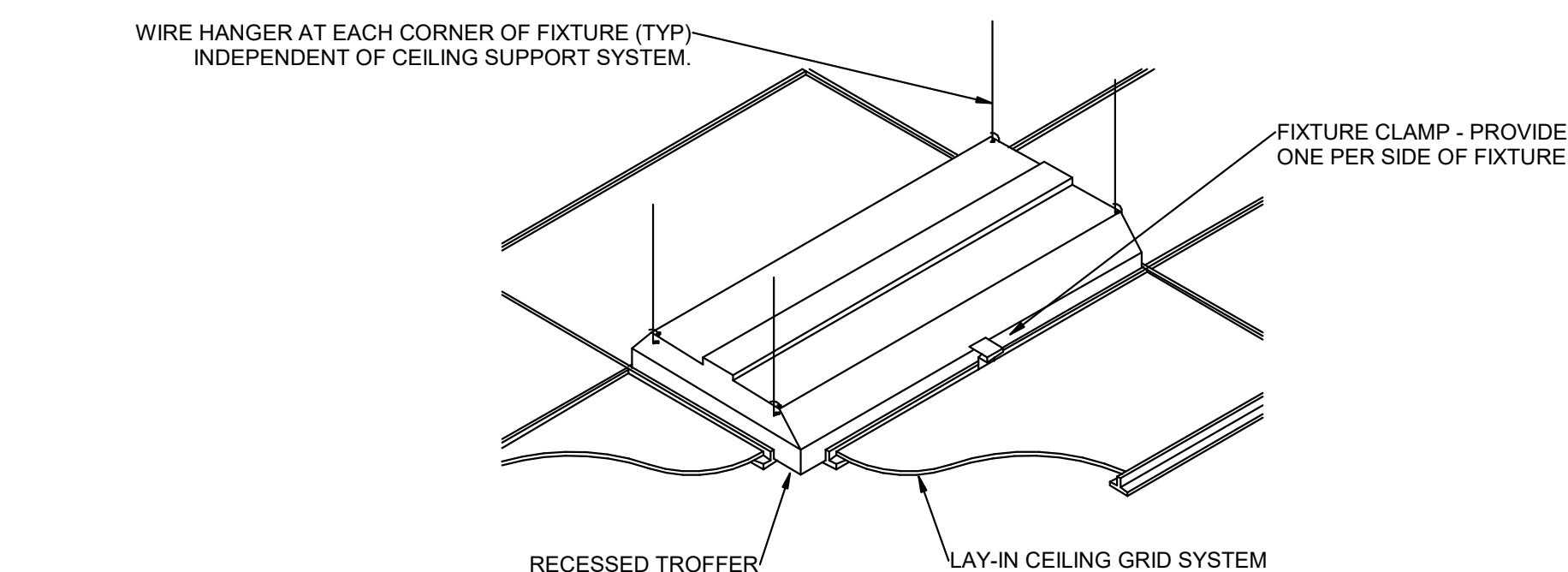
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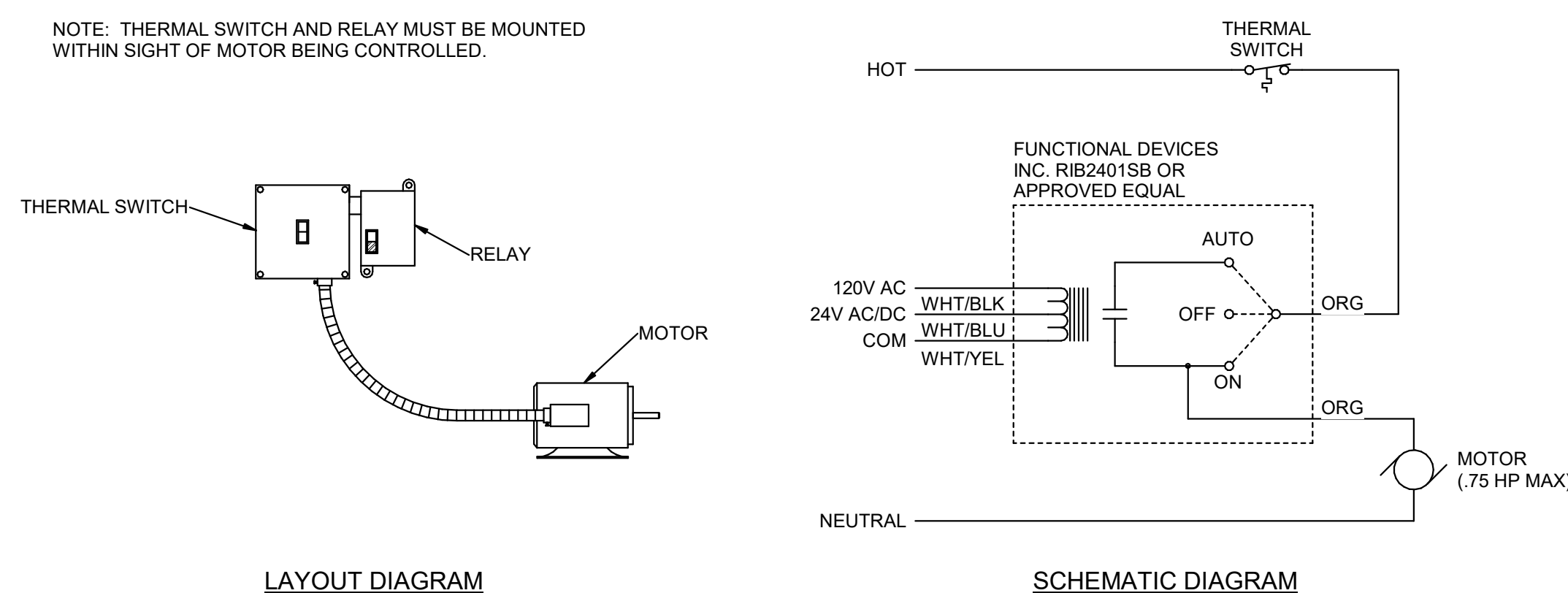
A1 TELECOM CONDUIT RISER DIAGRAM
SCALE: 1/8" = 1'-0"



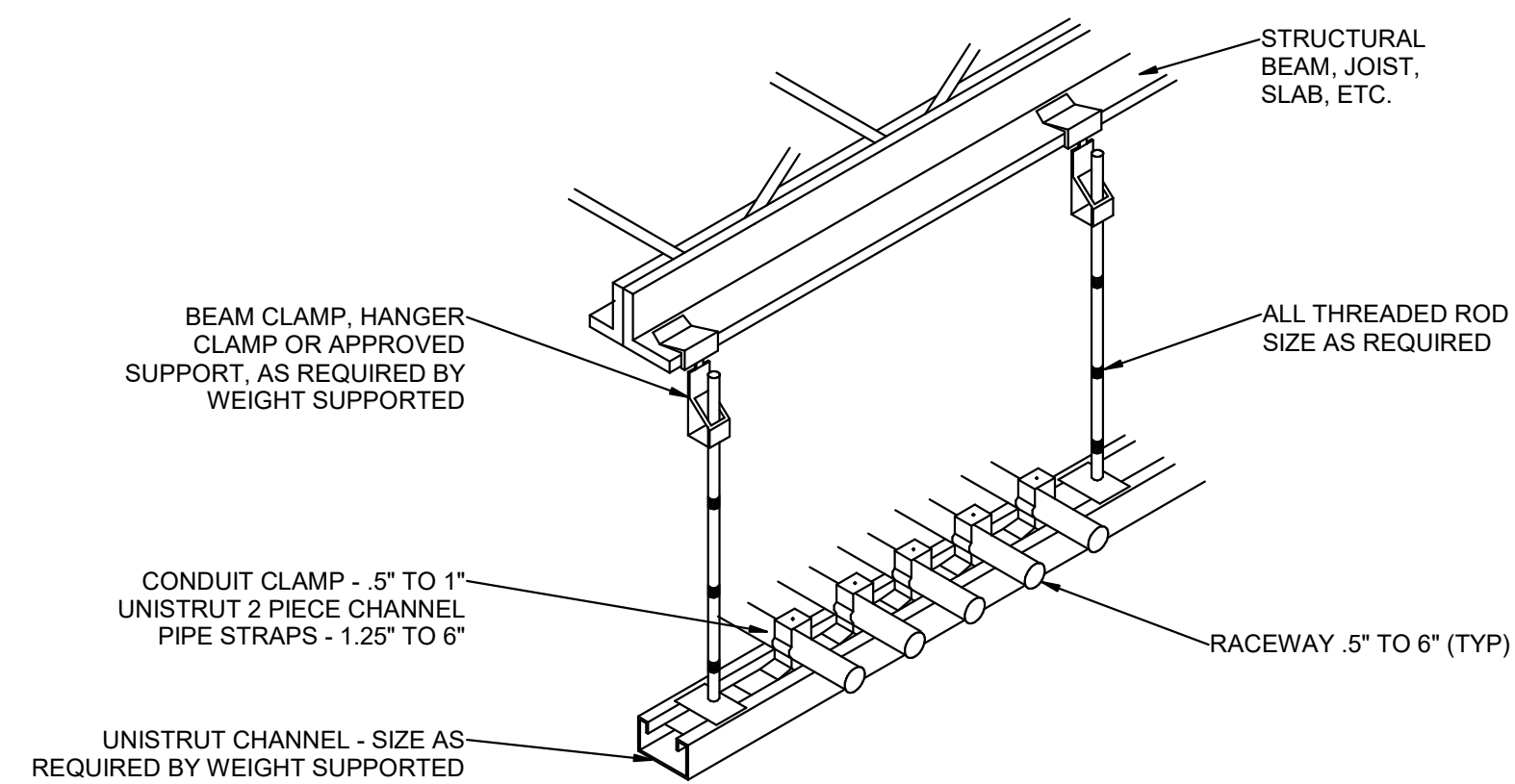
C3 SINGLE DOOR ELECTRIFIED LEVER TRIM DEVICE DETAIL
SCALE: 1/8" = 1'-0"



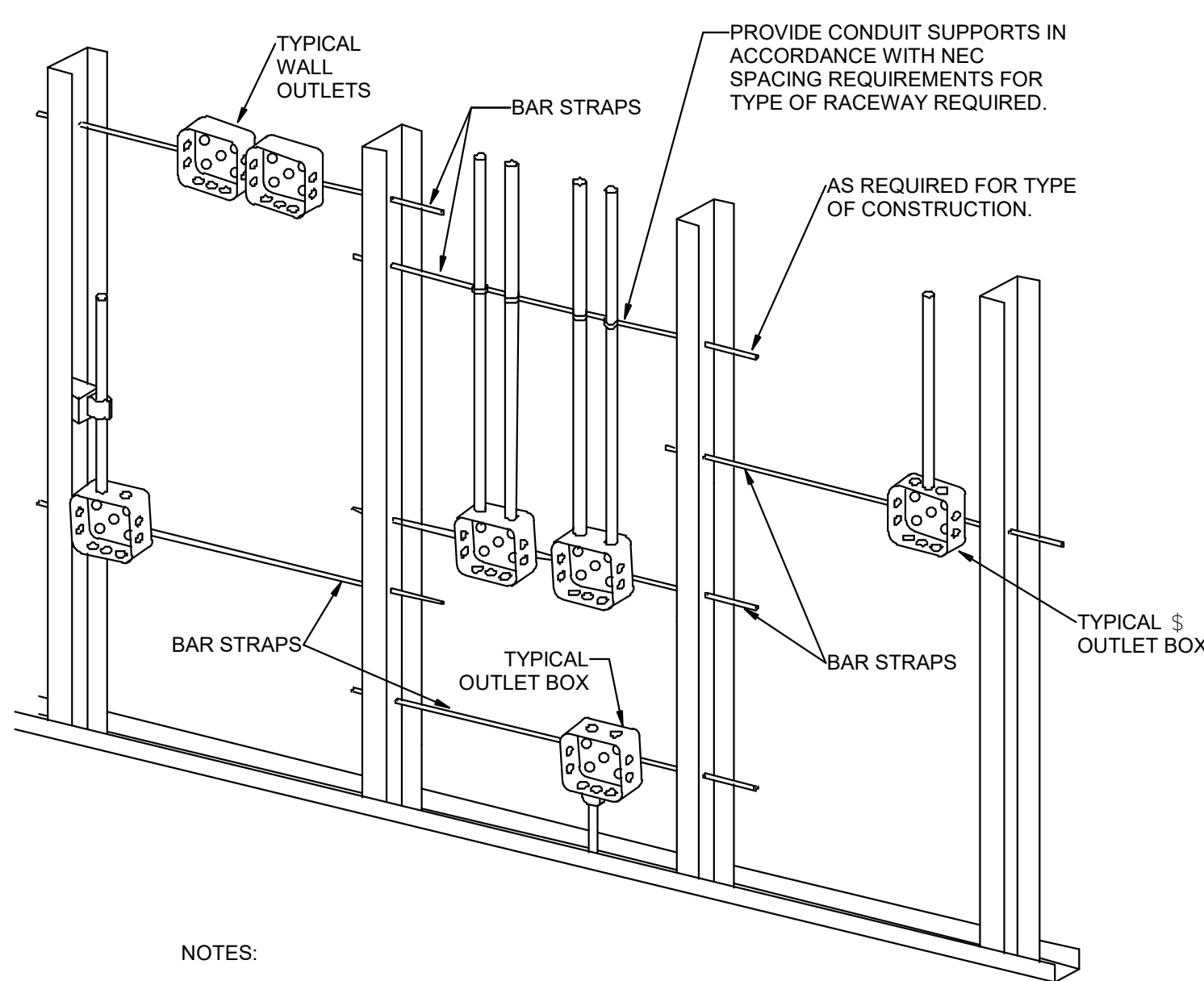
B3 RECESSED FIXTURE MOUNTING DETAIL
SCALE: 1/8" = 1'-0"



A3 120V FRACTIONAL MOTOR CONTROL
SCALE: 1/8" = 1'-0"

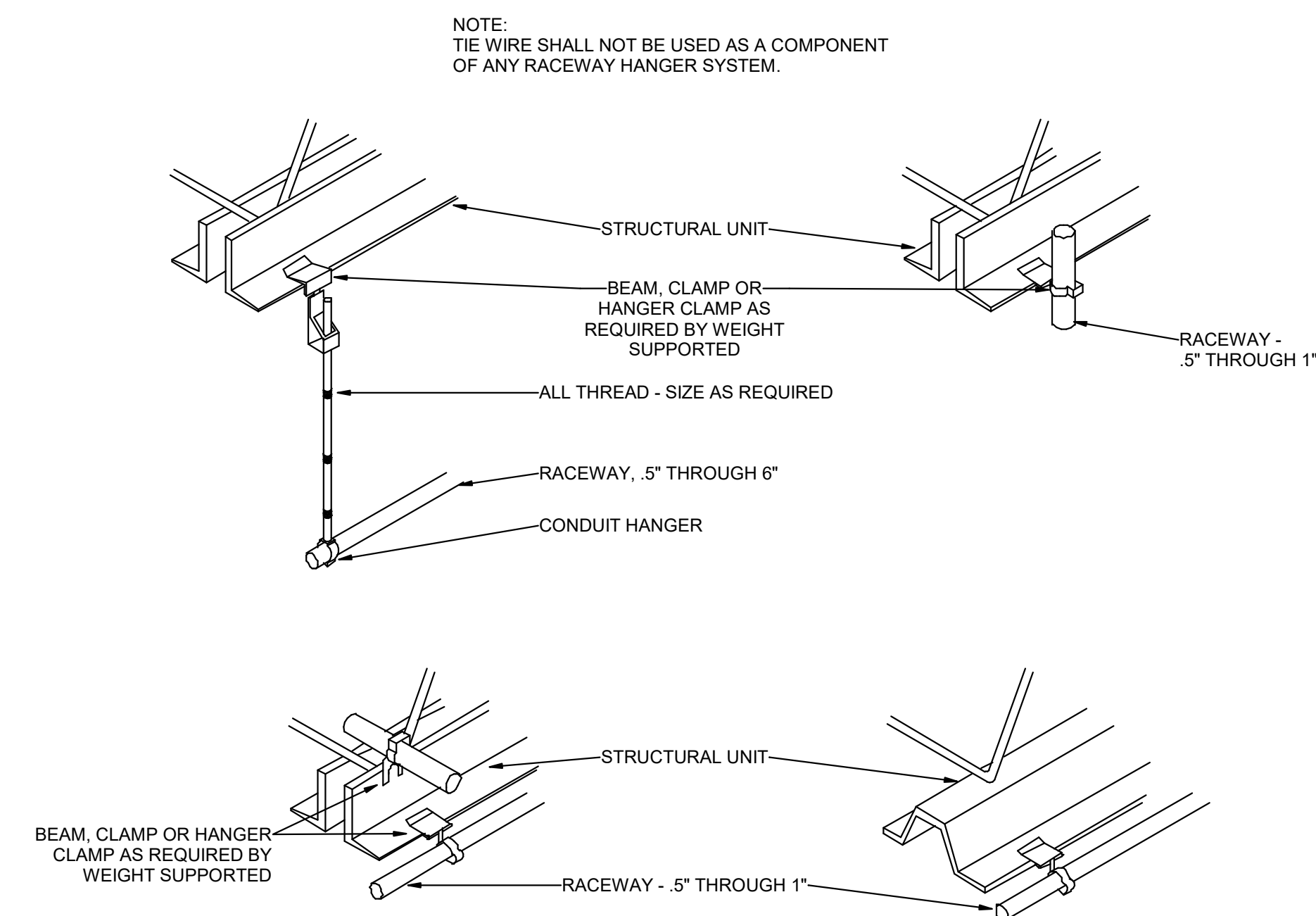


D5 TYPICAL CONDUIT RACK DETAIL
SCALE: 1/8" = 1'-0"



- NOTES:
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
 2. PLASTER RINGS NOT SHOWN.
 3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
 4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24" HORIZONTAL DISTANCE OR LISTED, SOUND AND FIRE RATED PUTTY PADS SHALL BE USED ON THE OUTLET BOXES.
 5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

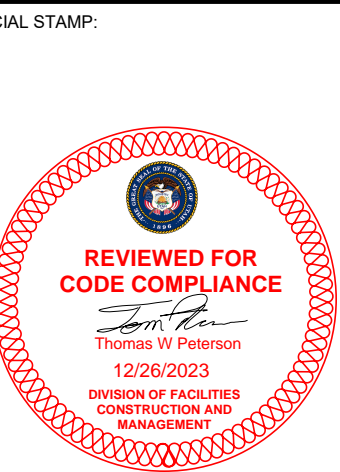
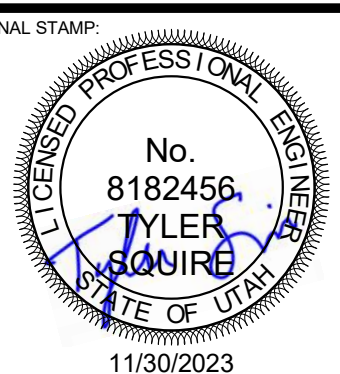
B5 TYPICAL ROUGH-IN REQUIREMENTS DETAIL
SCALE: 1/8" = 1'-0"



A5 TYPICAL RACEWAY SUPPORT METHODS DETAIL
SCALE: 1/8" = 1'-0"



SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com



PROJECT NAME:
**2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL**

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS:
NO. DATE DESCRIPTION

11 11/30/23 CONSTRUCTION BD SET

**SPECTRUM
ENGINEERS**
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

ISSUED:

NO. DATE DESCRIPTION

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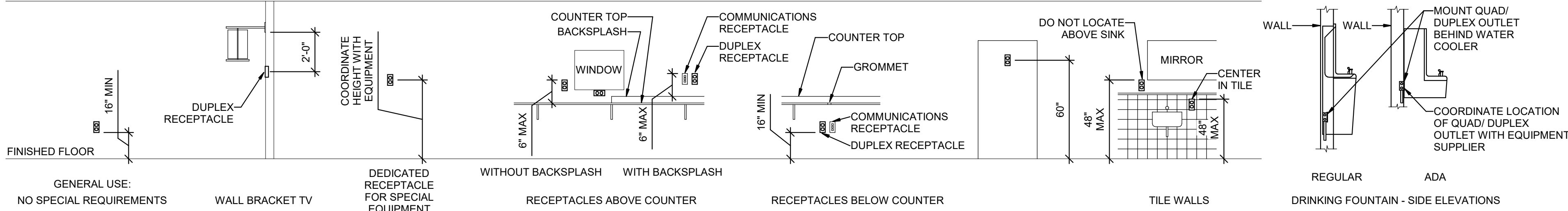
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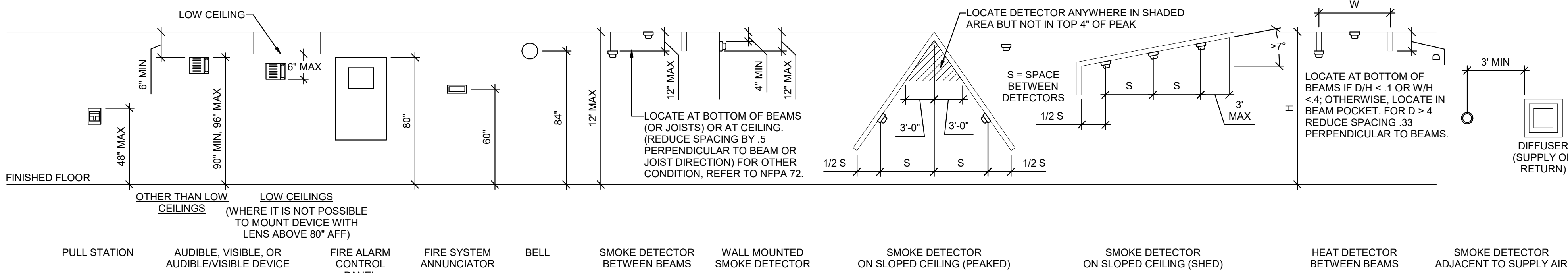
**ELECTRICAL
DETAILS**

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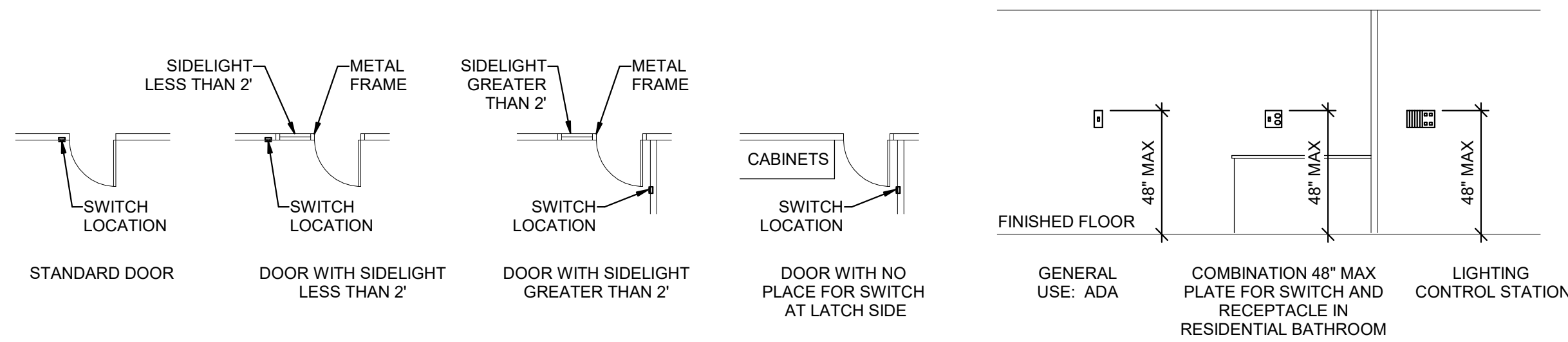
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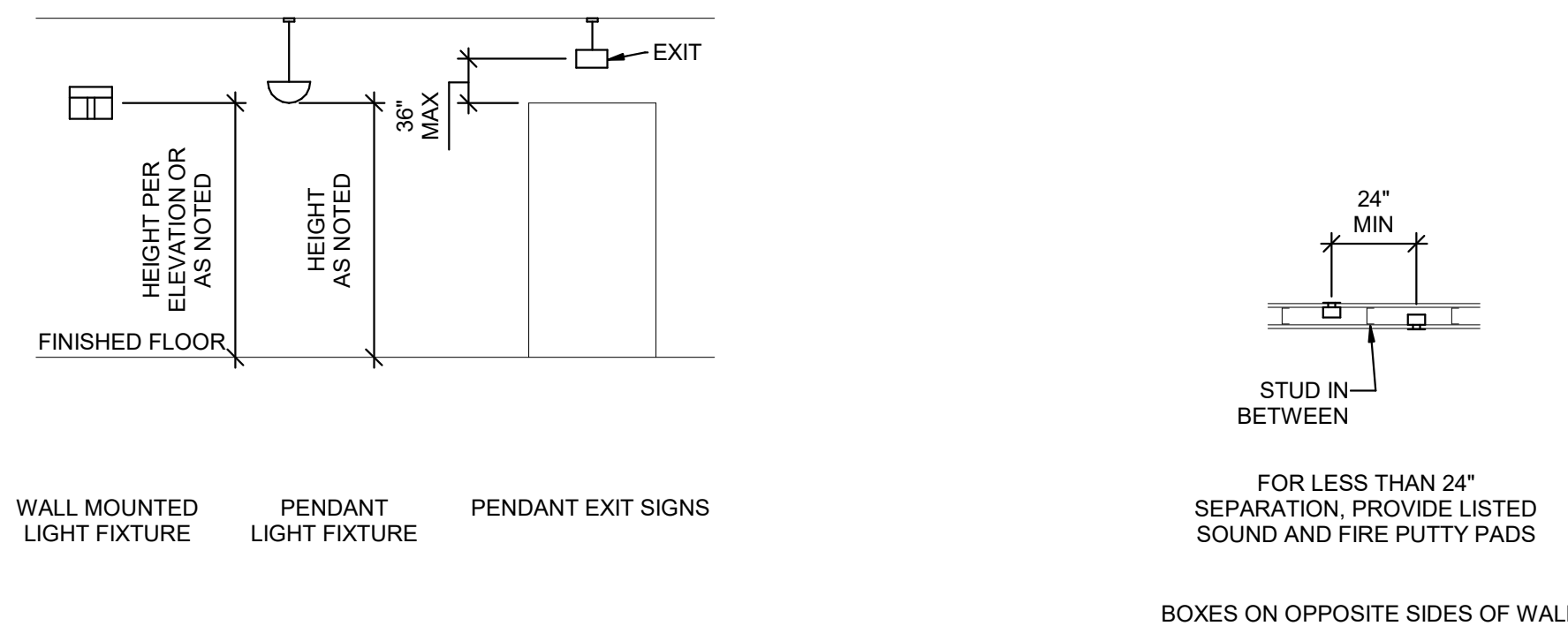
D2 RECEPTACLE MOUNTING DETAILS
SCALE: NTS



C2 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



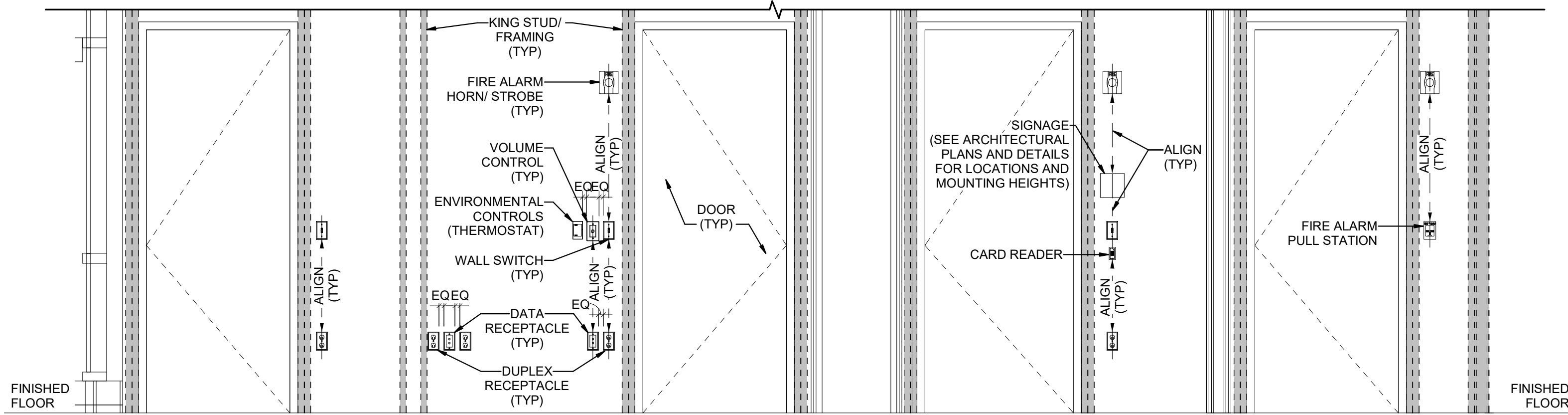
B2 SWITCH MOUNTING DETAILS
SCALE: NTS



A2 LIGHTING MOUNTING DETAILS
SCALE: NTS

A3 BOX MOUNTING DETAILS
SCALE: NTS

B4 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS



A4 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
SCALE: NTS

GENERAL SHEET NOTES

- MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
A - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).
B - EQUIPMENT SHOP DRAWINGS.
C - FIELD INSTRUCTIONS.
- LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
- MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.
- MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
- SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
- LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
- VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
- LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.
- WHERE DEVICES ARE LOCATED IN CLOSE PROXIMITY OF THE SAME VERTICAL PLANE, ALIGN DEVICES VERTICALLY PER THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL, UNLESS OTHERWISE INDICATED.

ARCHITECTS INFORMATION

SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t: 801-298-1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP
No. 8182456
TYLER BOHRE
STATE OF UTAH
11/30/2023

CODE OFFICIAL STAMP
REVIEWED FOR CODE COMPLIANCE
12/29/2023
JONATHAN W. JOHNSON
JONATHAN W. JOHNSON
JONATHAN W. JOHNSON

PROJECT NAME
2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

REVISIONS

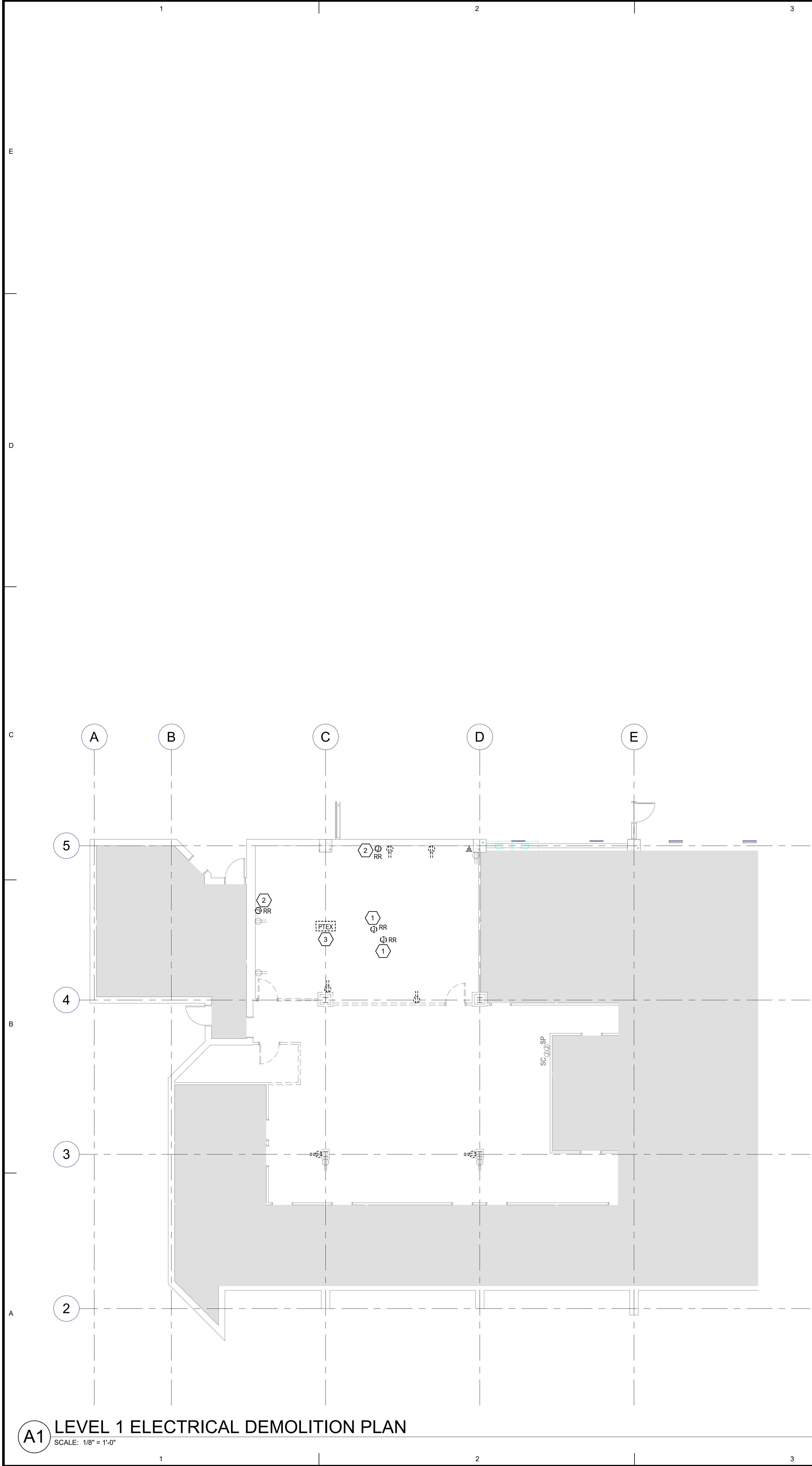
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SHEET TITLE
TYPICAL MOUNTING DETAILS

SHEET NUMBER
EE701

4501 S 2700 W
TAYLORSVILLE, UTAH 84129



- GENERAL SHEET NOTES**
- UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
 - SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
 - PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
 - PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
 - REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
 - REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED. WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
 - REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.

- GENERAL SHEET NOTES**
- DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
 - ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

- SHEET KEYNOTES**
- REMOVE AND RELOCATE EXISTING PROJECTOR. REFER TO EP101 FOR MORE INFORMATION.
 - REMOVE AND RELOCATE EXISTING PROJECTOR SCREEN. REFER TO EP101 FOR MORE INFORMATION.
 - EXISTING POKE-THRU TO BE REMOVED. REMOVE CIRCUITS BACK TO PANELBOARD. PATCH AND REPAIR FLOOR.

ARCHITECTS INFORMATION

SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP

CODE OFFICIAL STAMP

PROJECT NAME

2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

REVISIONS

NO.	DATE	DESCRIPTION
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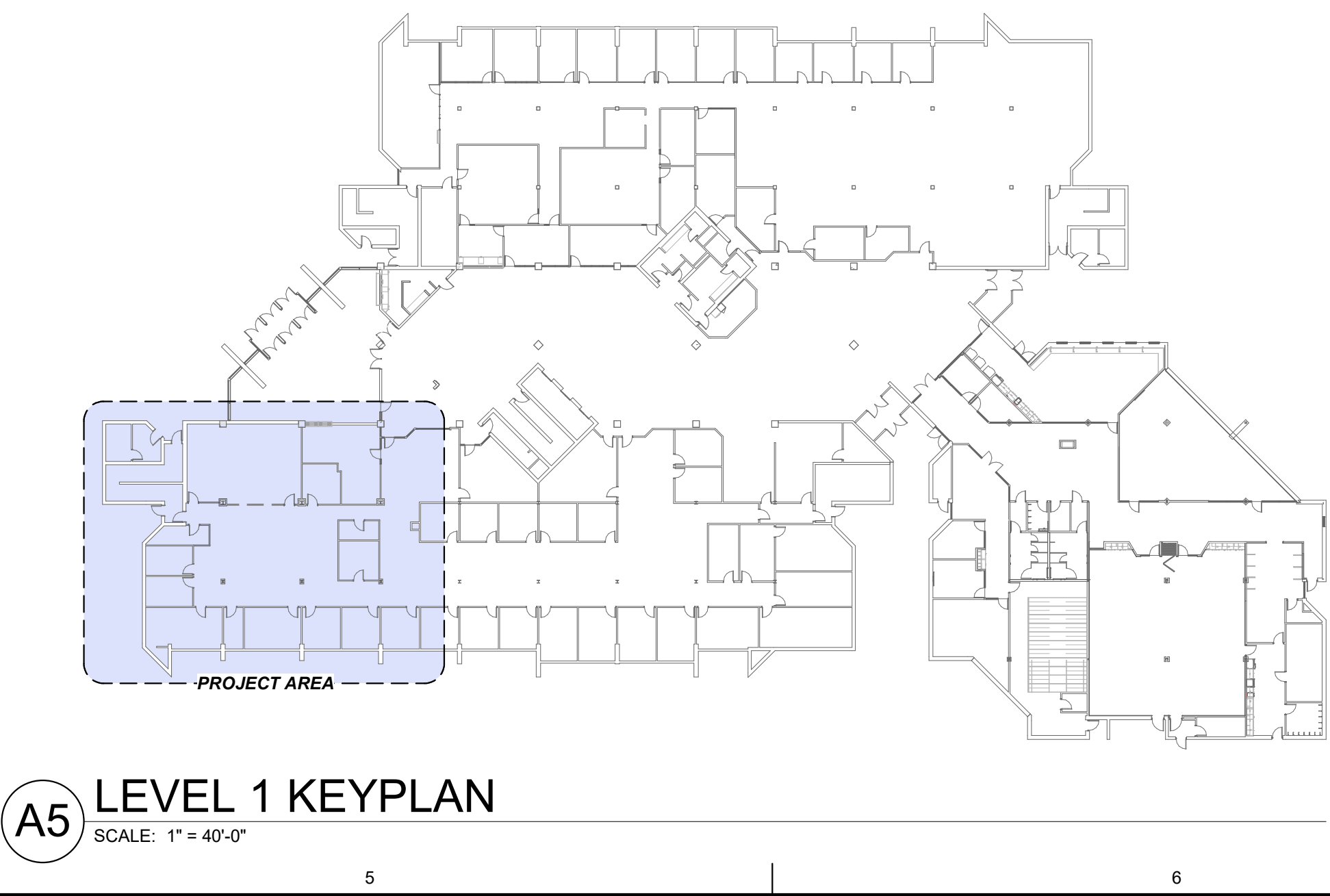
LEVEL 1
ELECTRICAL
DEMOLITION PLAN

SHEET NUMBER

ED101

SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

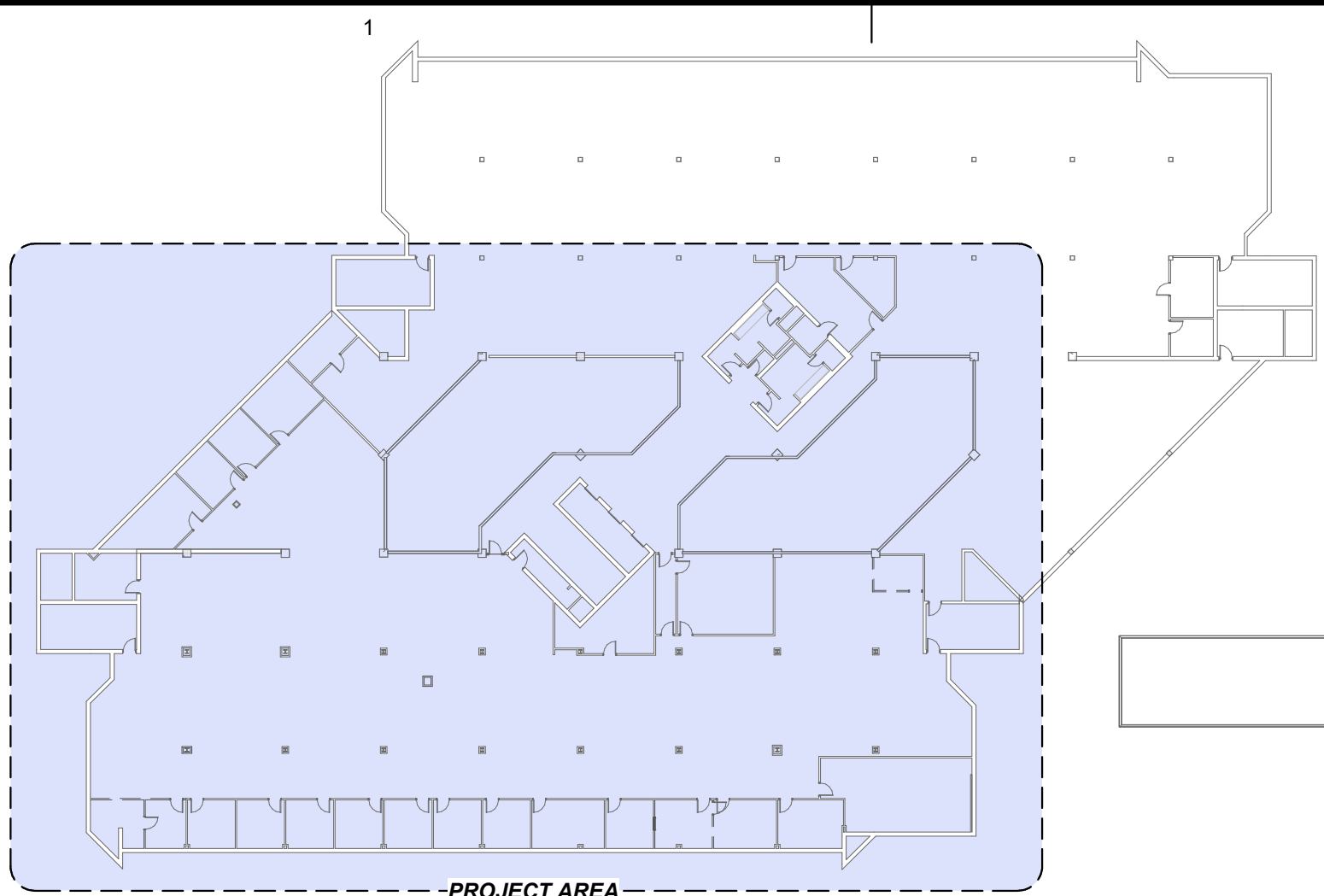
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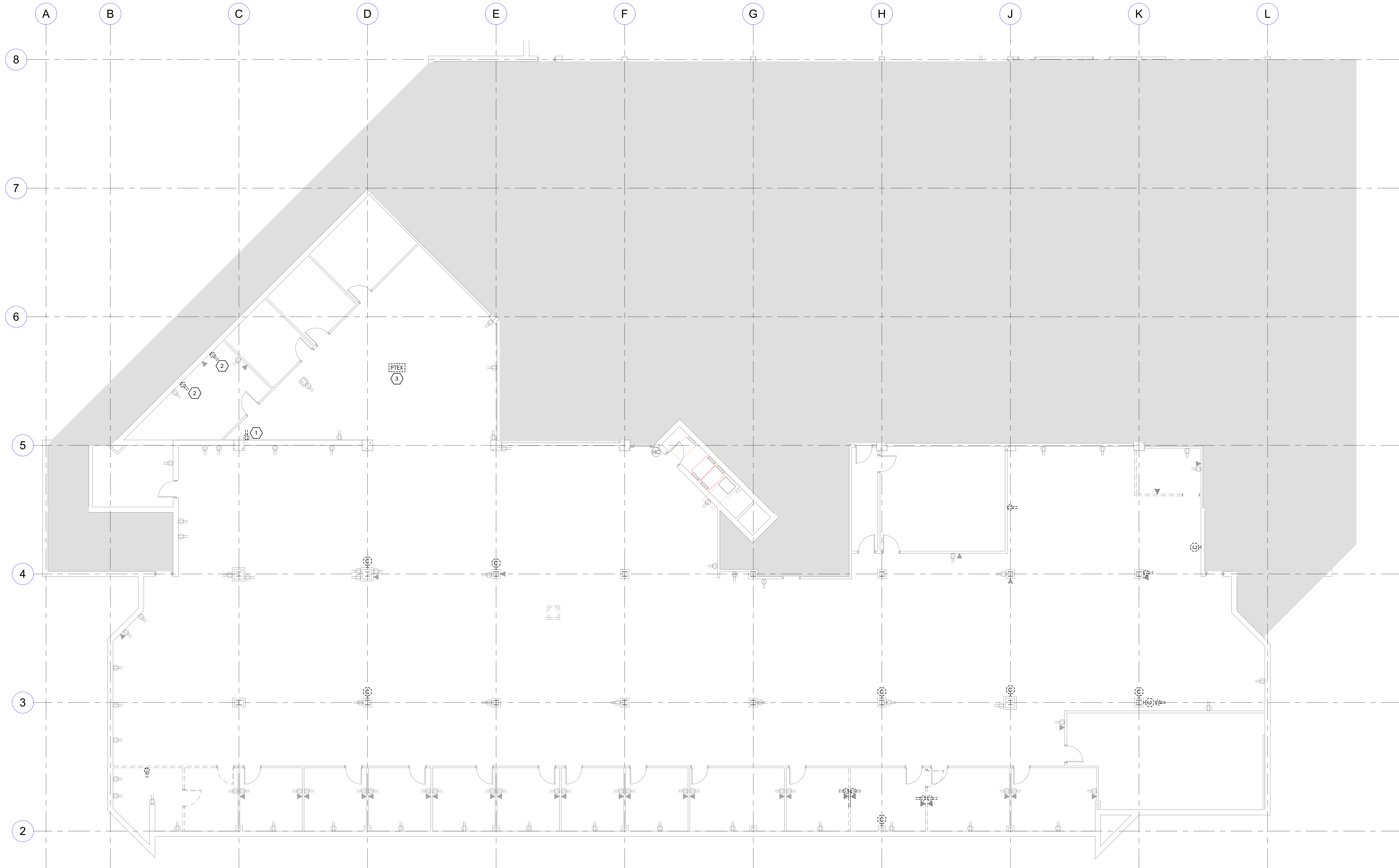
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D1 LEVEL 3 KEYPLAN

SCALE: 1" = 40'-0"



A1 LEVEL 3 ELECTRICAL DEMOLITION PLAN

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

GENERAL SHEET NOTES

- 1 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED. WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
- 7 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.

GENERAL SHEET NOTES

- 8 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 9 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

SHEET KEYNOTES

- 1 DEMOLISH EXISTING RECEPTACLE AND SURFACE MOUNTED RACEWAY IF THIS RECEPTACLE IS NOT NEEDED TO FEED THE OTHER RECEPTACLE ON THIS WALL. ELECTRICAL CONTRACTOR TO FIELD VERIFY IF THIS RECEPTACLE CAN BE REMOVED.
- 2 REMOVE EXISTING SURFACE MOUNTED RACEWAY CONNECTING THIS DEVICE TO OTHER RECEPTACLES.
- 3 EXISTING POKE-THRU TO BE REMOVED. REMOVE CIRCUITS BACK TO PANELBOARD. PATCH AND REPAIR FLOOR.

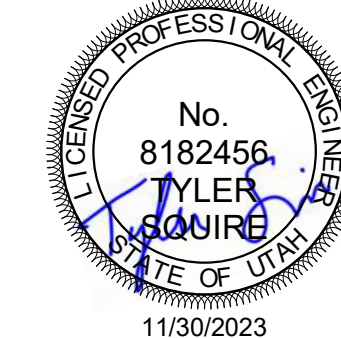
ARCHITECT'S INFORMATION



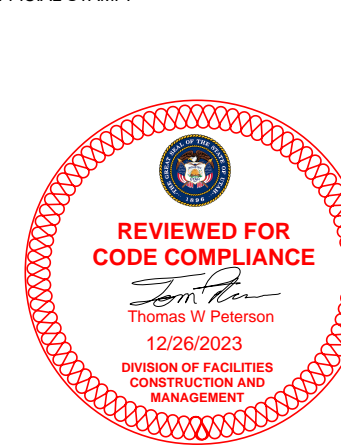
SPE ARCHITECTS

P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

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PROJECT NAME

**2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL**

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS

NO. DATE DESCRIPTION

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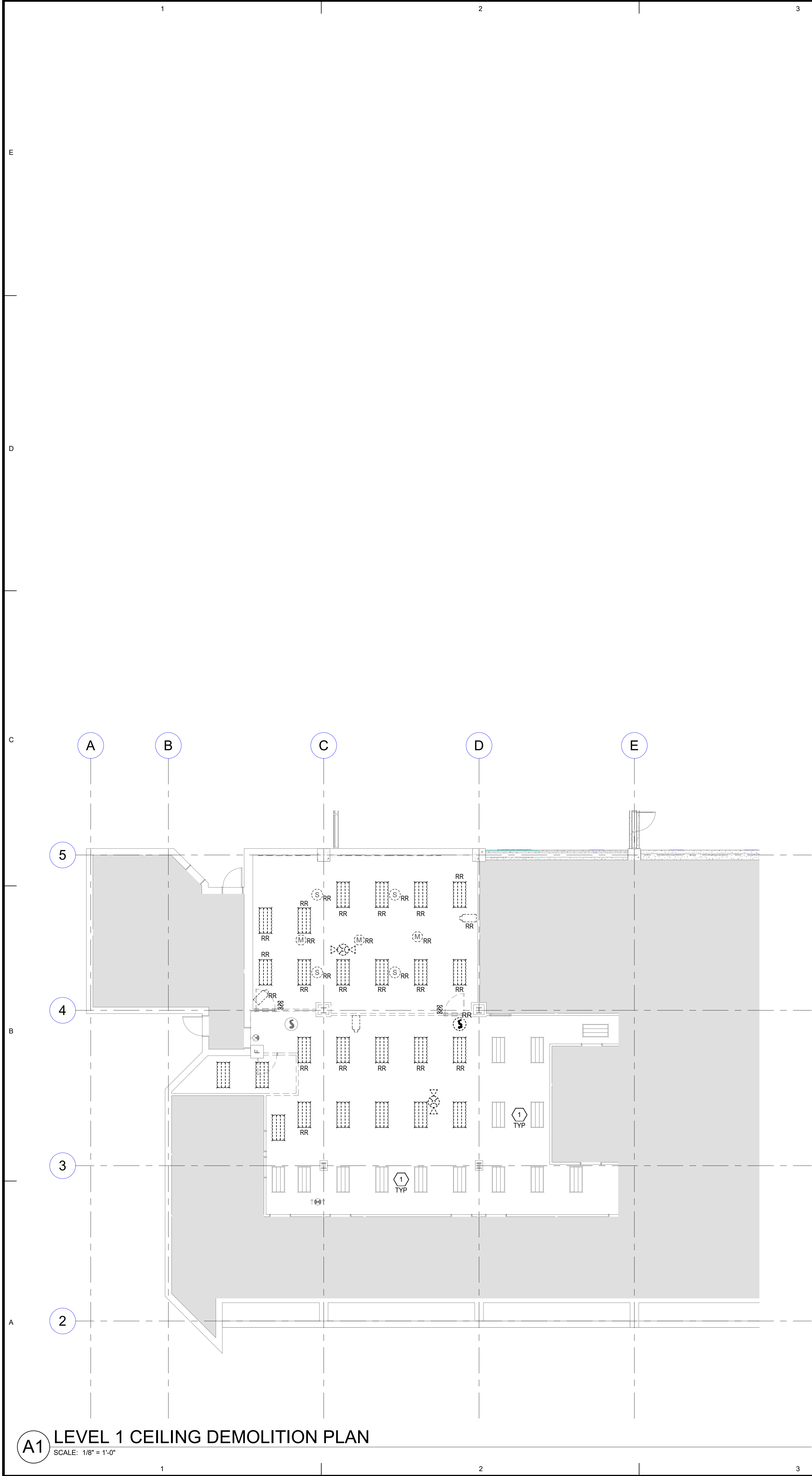
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SHEET TITLE

**LEVEL 3
ELECTRICAL
DEMOLITION PLAN**

SHEET NUMBER

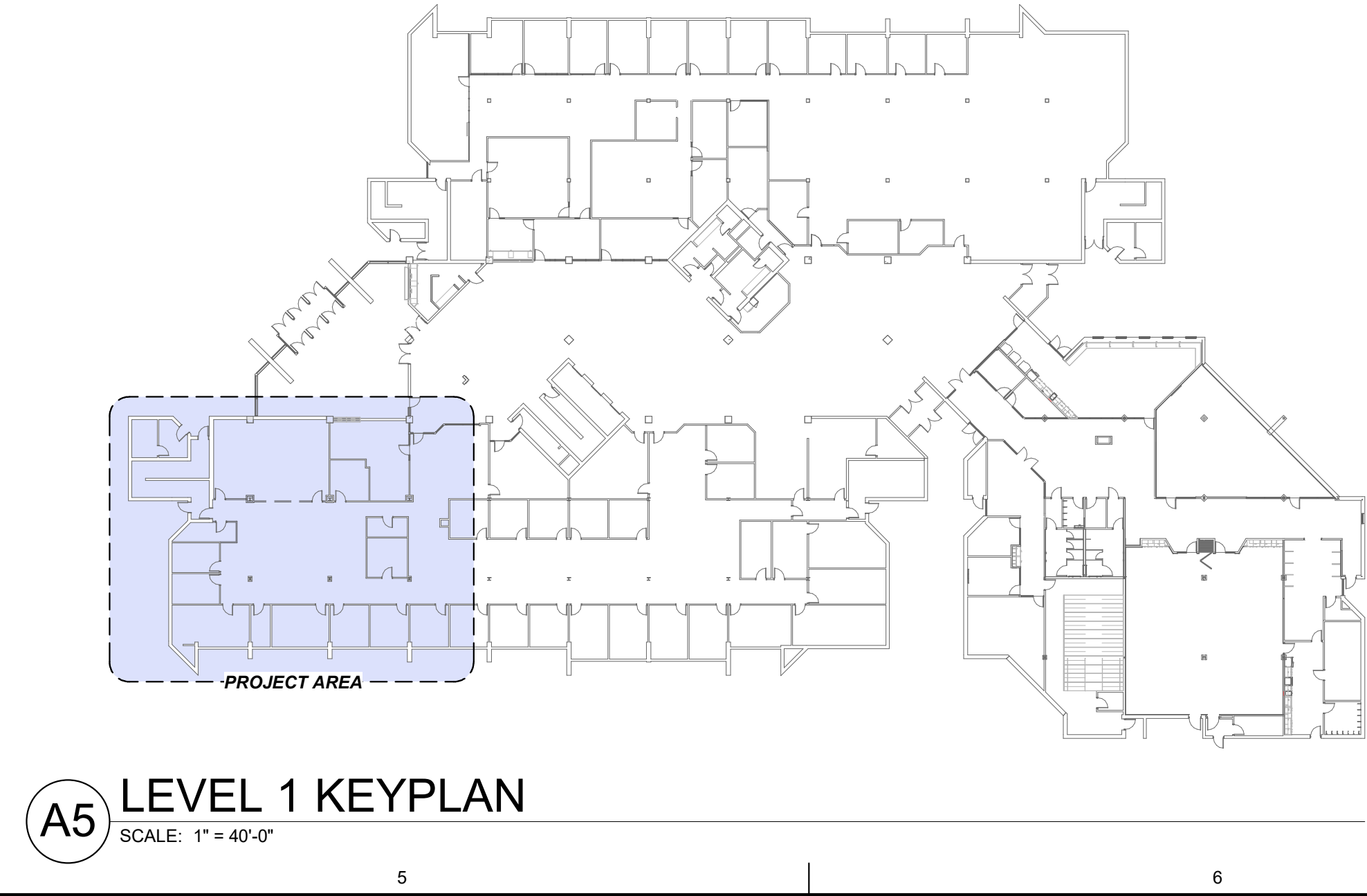
ED103



- ### GENERAL SHEET NOTES
- UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
 - SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
 - PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
 - PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
 - REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
 - REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED. WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
 - REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.

- ### GENERAL SHEET NOTES
- DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
 - ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

- ### SHEET KEYNOTES
- EXISTING LIGHT FIXTURES TO REMAIN. PROTECT FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.



ARCHITECTS INFORMATION

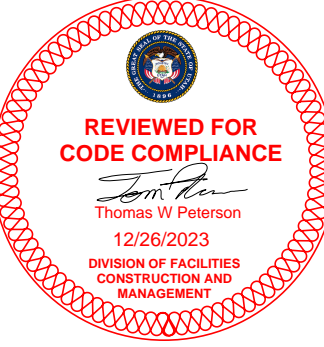


SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

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PROJECT NAME

**2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL**

4501 S 2700 W
TAYLORSVILLE, UTAH 84129

REVISIONS

NO.	DATE	DESCRIPTION
01	11/30/23	CONSTRUCTION BID SET

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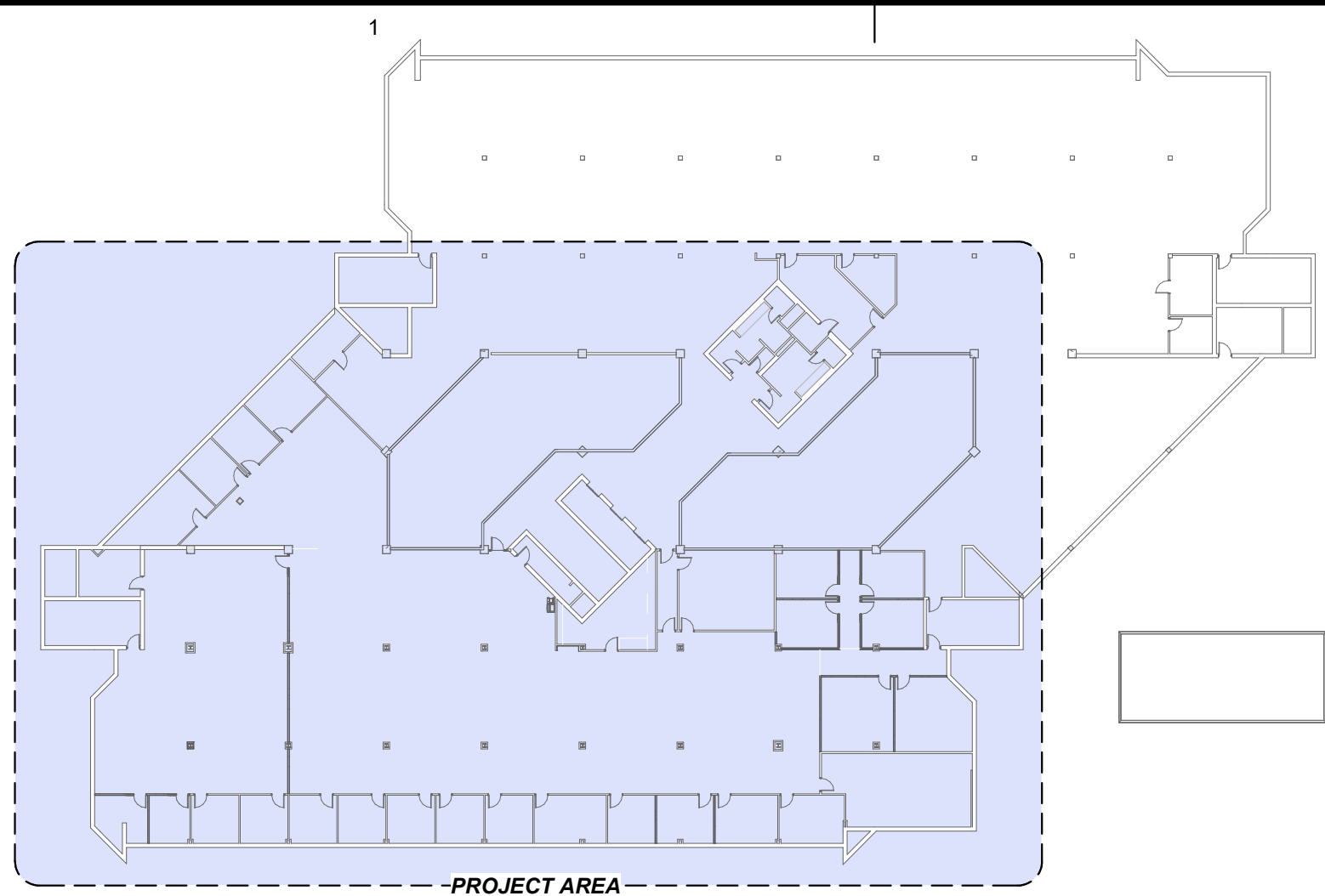
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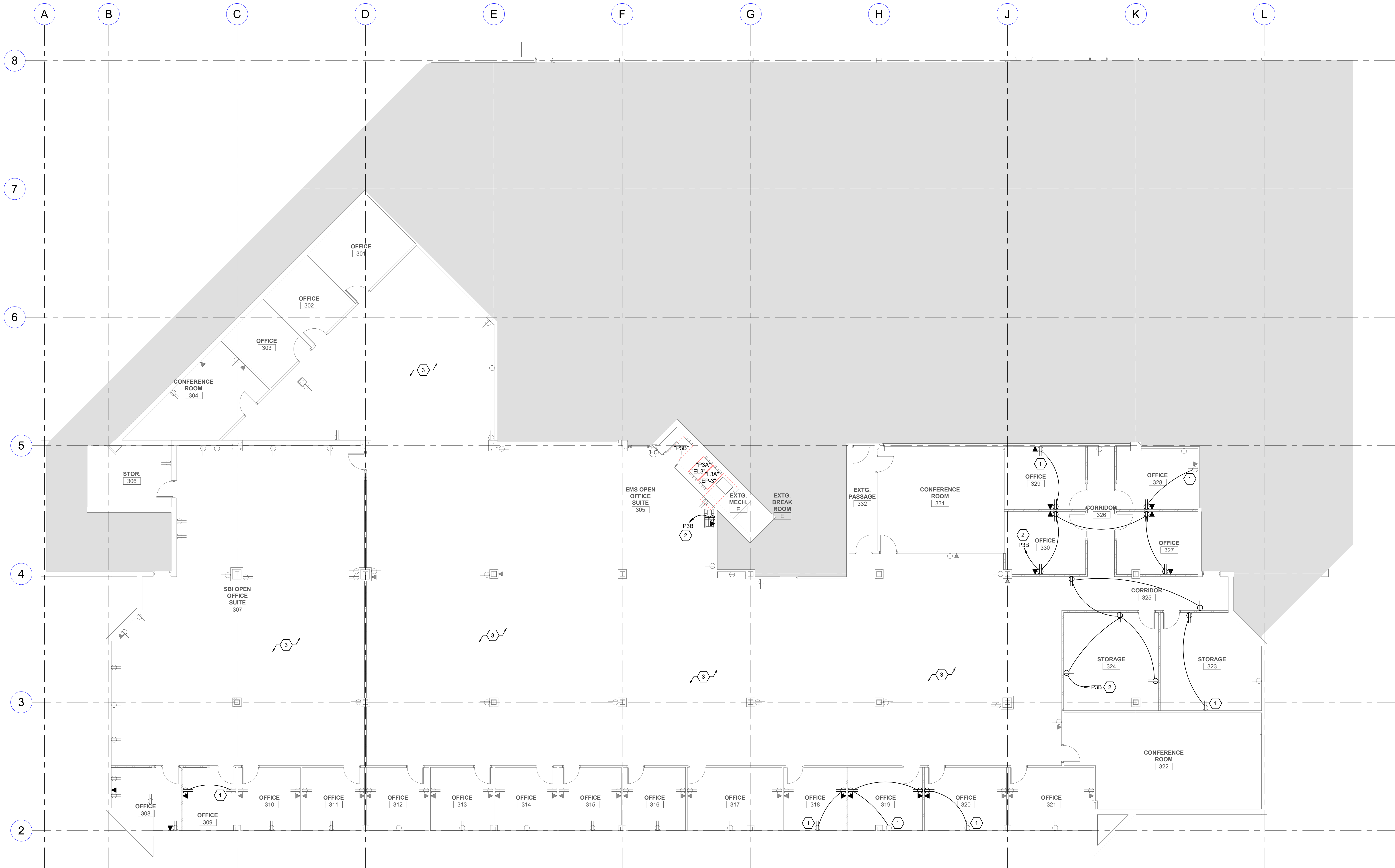
**LEVEL 1 CEILING
DEMOLITION PLAN**

SHEET NUMBER

ED201



D1 LEVEL 3 KEYPLAN
SCALE: 1" = 40'-0"



A1 LEVEL 3 POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

- 1 CIRCUIT WITH EXISTING DEVICE AS INDICATED.
- 2 CIRCUIT TO PANELBOARD INDICATED. FIELD VERIFY AVAILABLE SPARE CIRCUIT BREAKER AFTER DEMOLITION HAS BEEN COMPLETED. PROVIDE UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.
- 3 POWER FOR OPEN OFFICE WORKSTATIONS WILL BE ADDED ONCE THE OWNER'S FURNITURE LAYOUT HAS BEEN DETERMINED. INCLUDE IN BID COSTS TO RUN (4) 120V CIRCUITS FROM PANEL P3A TO THIS AREA FOR FUTURE FURNITURE CONNECTIONS.

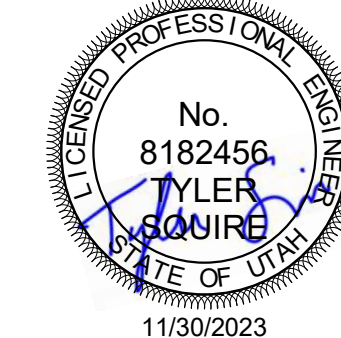
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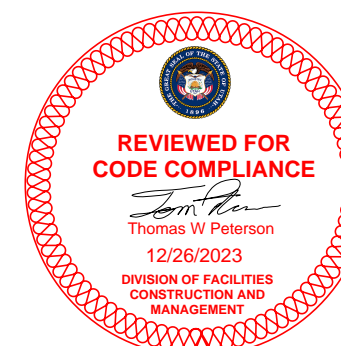
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info@spe-architect.com
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SPECTRUM
ENGINEERS

324 S. State St., Suite 400
Salt Lake City, UT 84111
801-678-7077
801-328-5151
fax: 801-328-5155
www.spectrum-engineers.com

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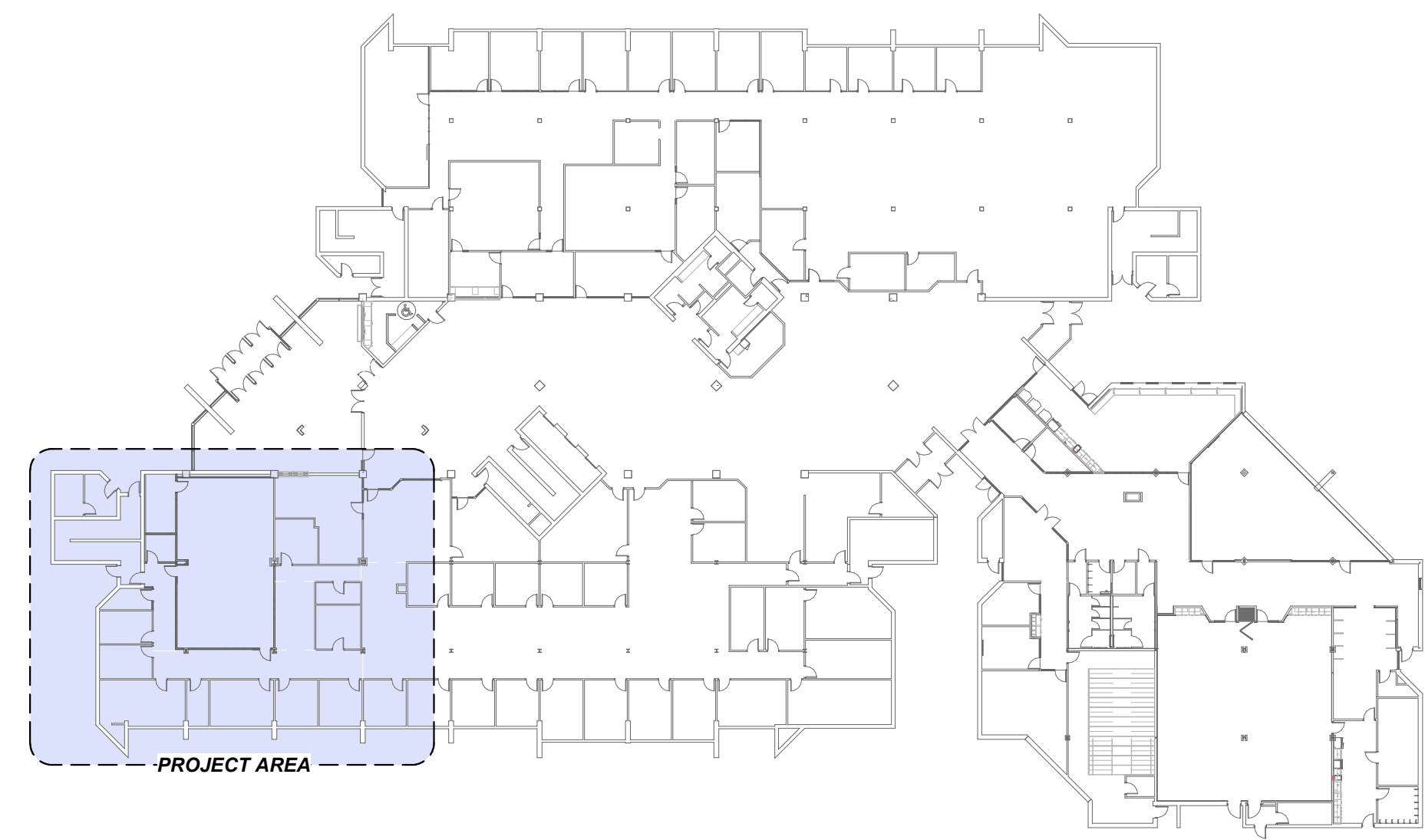
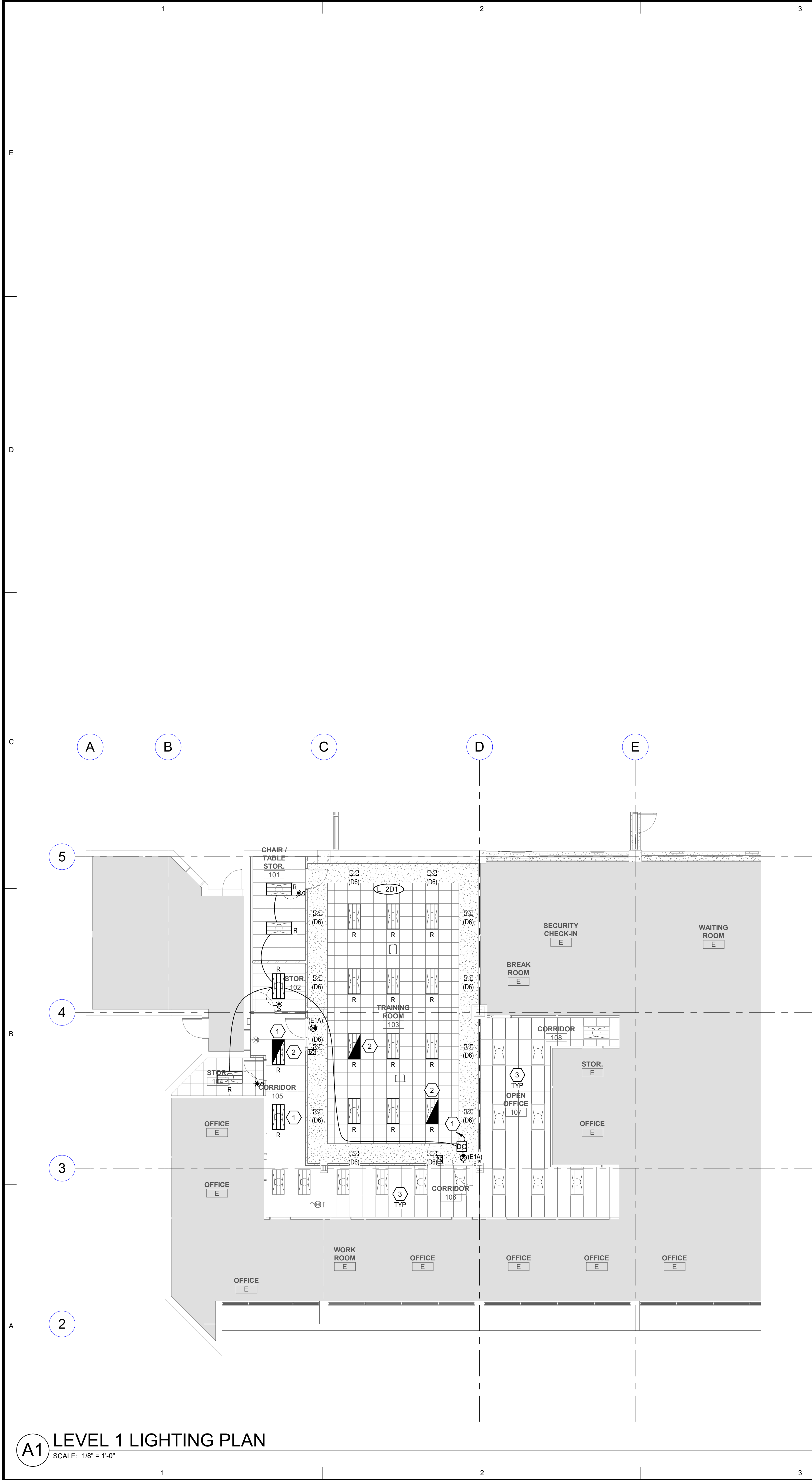
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SHEET TITLE

LEVEL 3 POWER PLAN

SHEET NUMBER

EP103



A5 LEVEL 1 KEYPLAN
SCALE: 1" = 40'-0"

GENERAL SHEET NOTES

1 EXISTING EMERGENCY LIGHTING IS PROVIDED BY EMERGENCY BATTERIES. MAINTAIN EXISTING EMERGENCY LIGHTING LOCATIONS.

SHEET KEYNOTES

1 CONNECT TO EXISTING LIGHTING CIRCUIT PREVIOUSLY FEEDING LIGHTING IN THIS AREA.

2 PROVIDE NEW EMERGENCY BATTERY FOR THE FIXTURE INDICATED.

3 MAINTAIN EXISTING LIGHTING CIRCUITING AND CONTROLS IN THIS AREA.

ARCHITECTS INFORMATION

SPE ARCHITECTS
P.O. Box 517
Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
www.spe-architect.com

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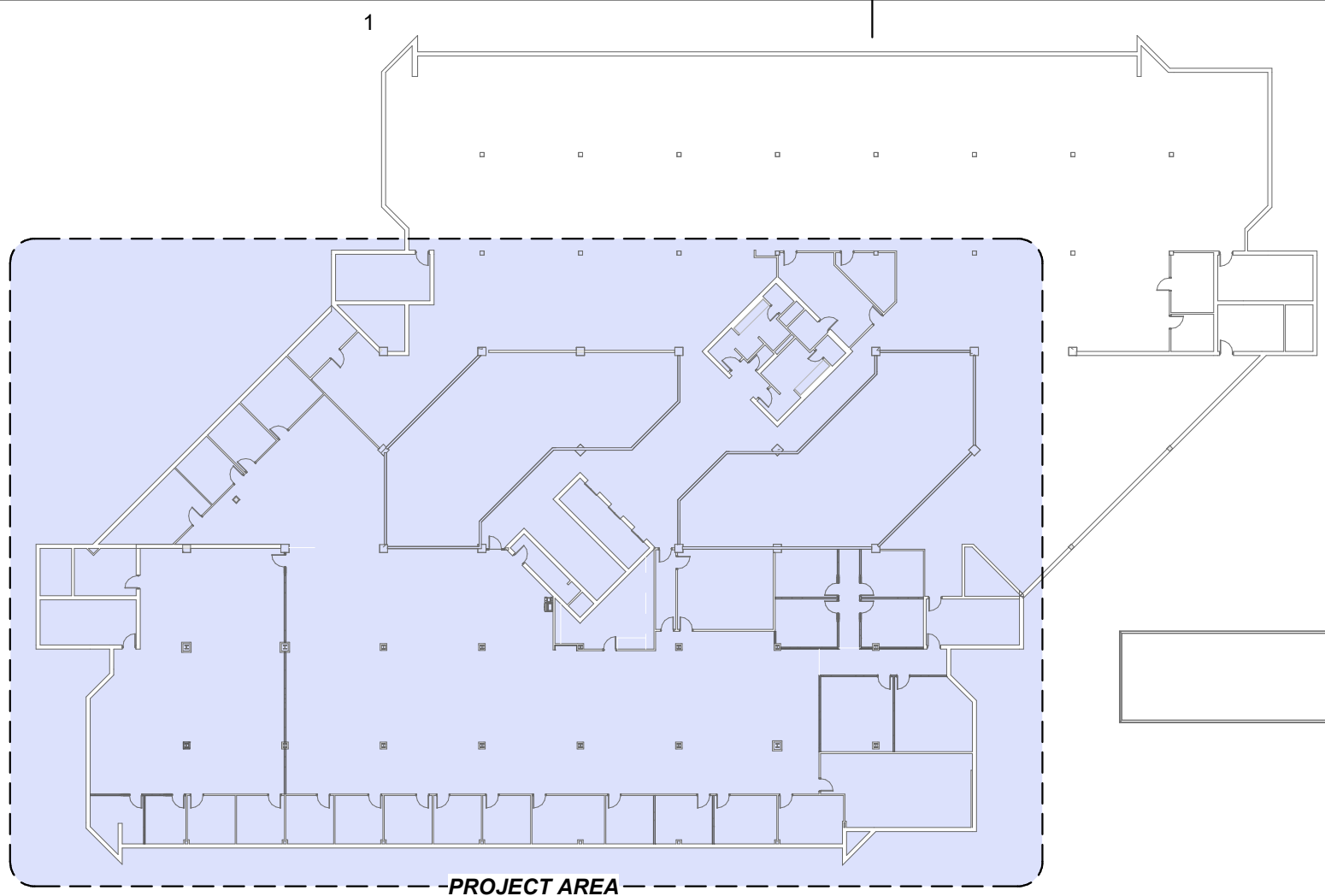
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SHEET TITLE

LEVEL 1 LIGHTING PLAN

SHEET NUMBER

EL101



D1 LEVEL 3 KEYPLAN
SCALE: 1" = 40'-0"



A1 LEVEL 3 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

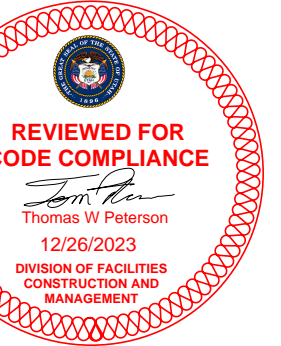
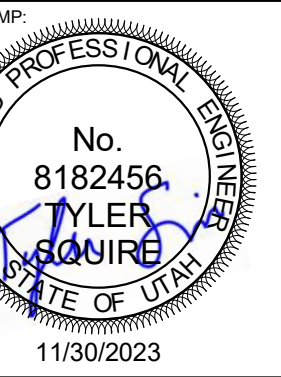
- EXISTING EMERGENCY LIGHTING IS PROVIDED BY EMERGENCY BATTERIES. MAINTAIN EXISTING EMERGENCY LIGHTING LOCATIONS.

SHEET KEYNOTES

- CONNECT TO EXISTING LIGHTING CIRCUIT PREVIOUSLY FEEDING LIGHTING IN THIS AREA.
- PROVIDE NEW EMERGENCY BATTERY FOR THE FIXTURE INDICATED.
- SEPARATE CONTROL FOR LIGHTING IN SBI OPEN OFFICE FROM EXISTING CONTROLS. PROVIDE NEW DIMMING CONTROLLER AS INDICATED. MAINTAIN CIRCUITING.
- MAINTAIN EXISTING LIGHTING CIRCUITING AND CONTROLS IN THIS AREA.
- CIRCUIT AND CONTROL WITH LEVEL 3 LIGHTING CIRCUIT FEEDING THIS AREA.
- PROVIDE NEW LIGHT ON LEVEL 4 CEILING. CIRCUIT AND CONTROL WITH FIXTURES ON LEVEL 3.



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Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
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ENGINEERS**
324 S. State St., Suite 400
Salt Lake City, UT 84111
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801-328-5151
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SHEET TITLE:

**LEVEL 3 LIGHTING
PLAN**

SHEET NUMBER:

EL103

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LIGHTING/SPACE CONTROL TYPE SCHEDULE																						
WIRING LEGEND —— LINE VOLTAGE WIRING - - - - 0-10V WIRING - - - - CAT5E CABLING —— WIRING BY OTHERS ○—○ TMP SEGMENT —— NETWORK CABLING		APPROVED MANUFACTURERS 1. WATTSTOPPER (BASIS OF DESIGN) 2. NLIGHT 3. HUBBELL BUILDING AUTOMATION 4. GREENGATE		LIGHTING CONTROL ID 1. # = NUMBER OF ZONES 2. D = DIMMING, S = SWITCHING 3. P = DAYLIGHT PHOTOCELL 4. L = PLUG LOAD CONTROLLER 5. # = INSTANCE		GENERAL NOTES 1. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER. 2. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION. 3. PROVIDE CUSTOMIZED ENGRAVED PERMANENT BUTTON LABELS ON EACH SWITCH, LABEL TO MATCH BUTTON LABEL ID OR AS DIRECTED BY OWNER. 4. PART NUMBERS SHOWN ARE BASED ON WATTSTOPPER AS THE BASIS OF DESIGN. ALL APPROVED MANUFACTURERS ARE SUBJECT TO MEETING ALL FUNCTIONS AND CAPABILITIES OF THE BASIS OF DESIGN SYSTEM AND PRODUCTS. FAILURE TO MEET THESE SHALL REQUIRE THE CONTRACTOR TO PROVIDE A SYSTEM THAT DOES AT NOT ADDITIONAL COST.										GENERAL NOTES 5. REFER TO PLANS FOR LOCATIONS AND QUANTITIES OF DEVICES. 6. INSTALL ONE OF EACH CONTROL TYPE WITH PROGRAMMING, ADJUST, AND OBTAIN OWNERS APPROVAL PRIOR TO PROGRAMMING THE REMAINING CONTROLS. 7. WIRING MAY VARY BETWEEN MANUFACTURERS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED WIRING THAT WILL BOTH MEET THE MANUFACTURERS REQUIREMENTS AND MATCH WITH THE SHOWN SYSTEM. 8. PROVIDE COMPLETE SHOP DRAWING SUBMITTALS INCLUDING OCCUPANCY SENSOR LAYOUT AND COVERAGE PATTERNS. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR 100% COVERAGE OF SPACES WITH OCCUPANCY SENSOR CONTROL.						
ID	DETAIL				LIGHTS ON CONTROL	LIGHTS OFF CONTROL	LIGHTING CONTROL TYPE	DAYLIGHT SENSOR SETTING (FC)	TIME DELAY TO OFF (MIN.)	BAS AUX RELAY SIGNAL	PLUG LOAD CONTROLLER	NETWORKED CONTROLS	BUTTON_1	BUTTON_2	BUTTON_3	BUTTON_4	BUTTON_5	BUTTON_6	BUTTON_7	BUTTON_8	BUTTON_9	NOTES
1D1					MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP, "ON/RAISE" BOTTOM-"OFF/LOWER"	-	-	-	-	-	-	-	-	
2D1					MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	TOGGLE PRESS TOP-ON, PRESS BOTTOM-OFF, HOLD TOP-RAISE, HOLD BOTTOM-"OFF/LOWER"	FUNCTION: PRESS- PRESET SCENE #01 ZONE "a" 75% ZONE "b" 75% LABEL ID: "PRE #1"	FUNCTION: PRESS- PRESET SCENE #02 ZONE "a" 0% ZONE "b" 50% LABEL ID: "PRE #2"	FUNCTION: PRESS- SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS- SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	-	-	-	-	

ARCHITECT'S INFORMATION

ARCHITECTS

SPE ARCHITECTS

P.O. Box 517
Kaysville, Utah 84037
t: 801-298-1368
info@spe-architect.com
www.spe-architect.com

PROFESSIONAL STAMP

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ENGINEER

STATE OF UTAH

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REVIEWED FOR CODE COMPLIANCE

Thomas W. Peterson

12/29/2023

APPROVED FOR CONSTRUCTION

PROJECT NAME:

2023 CALVIN RAMPTON BUILDING
LEVEL 01 & 03 DPS REMODEL

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REVISIONS

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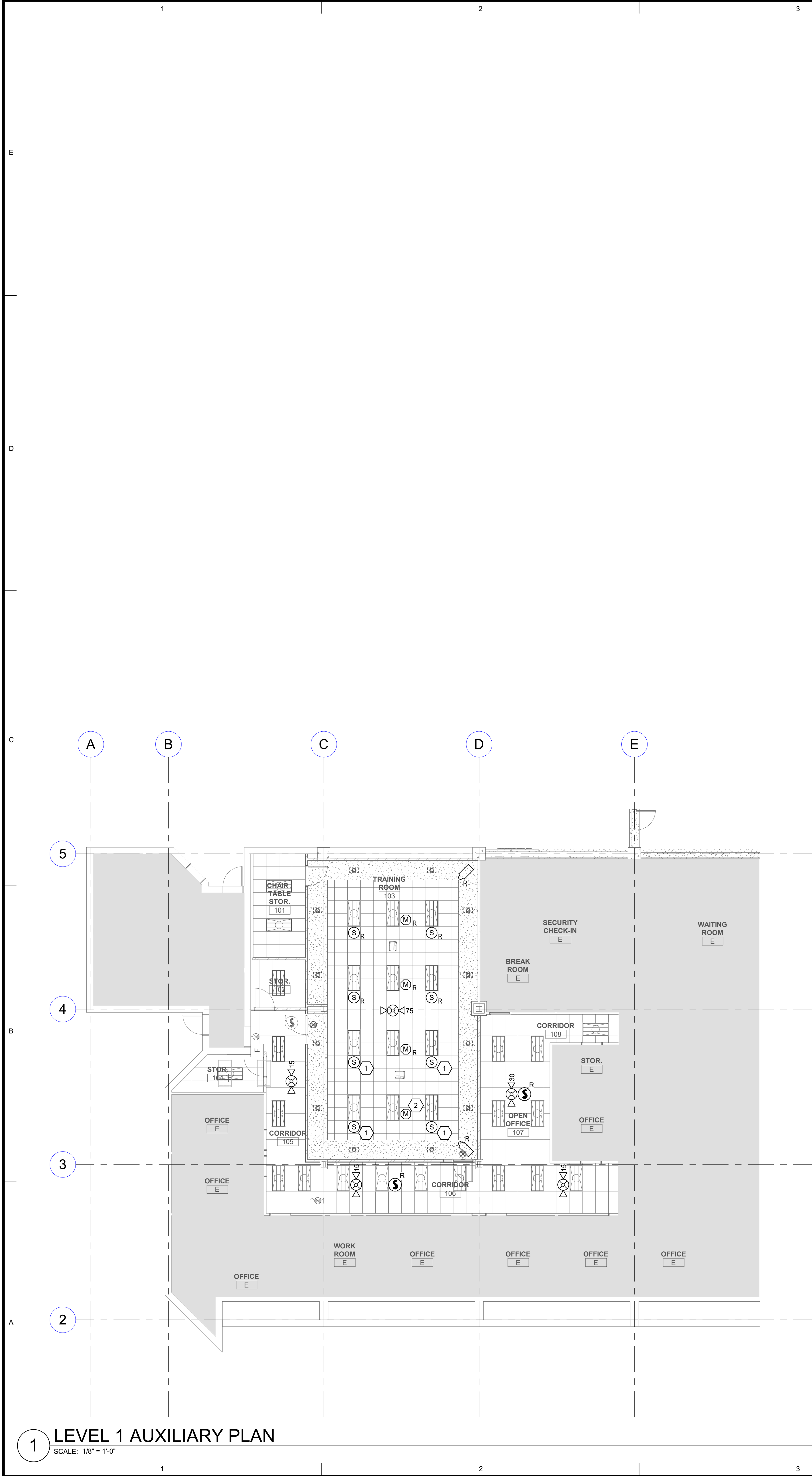
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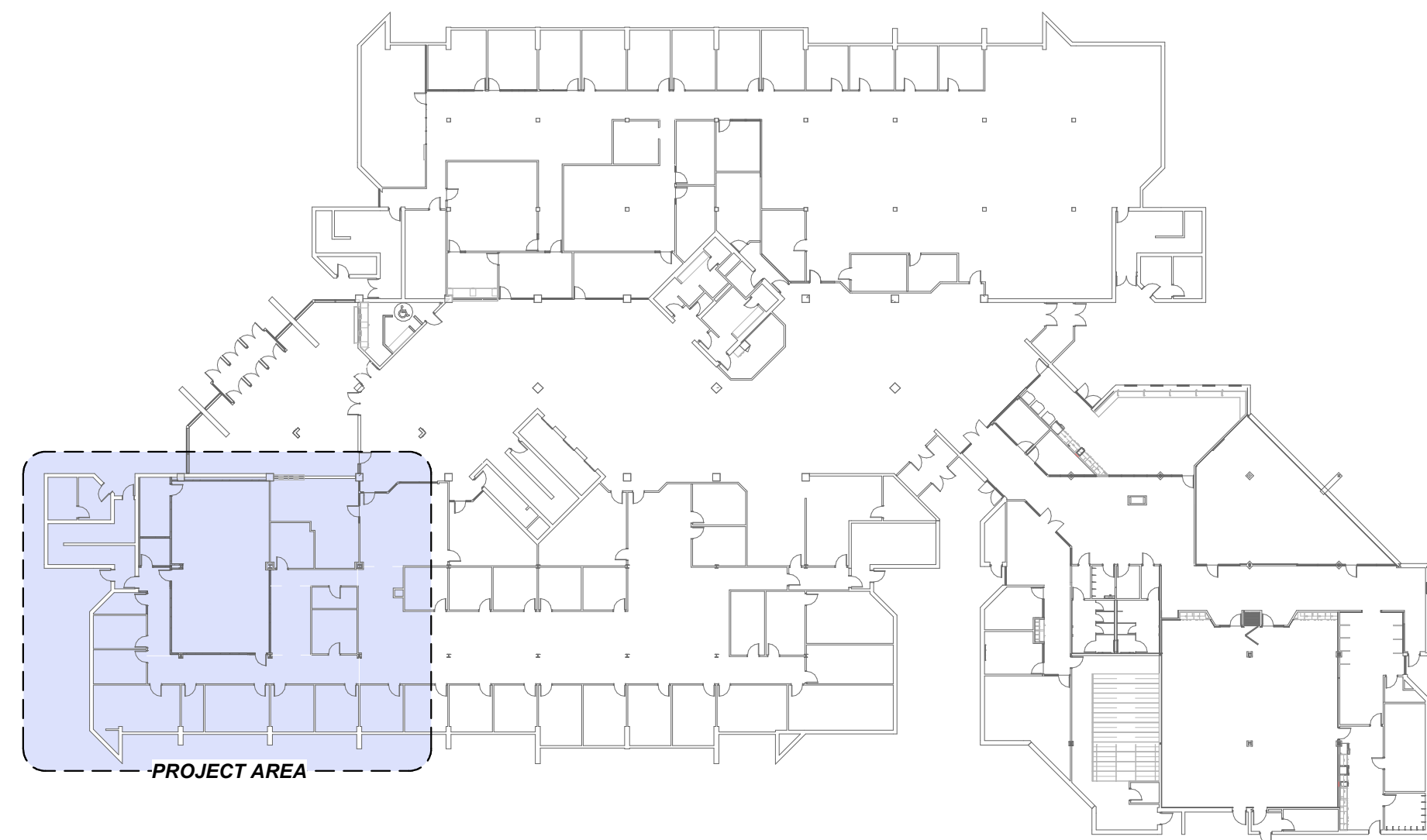
LIGHTING CONTROL SCHEDULES

SHEET NUMBER

EL602



1 LEVEL 1 AUXILIARY PLAN
SCALE: 1/8" = 1'-0"



A5 LEVEL 1 KEYPLAN
SCALE: 1" = 40'-0"

GENERAL SHEET NOTES

1. CONNECT NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM.
2. PROVIDE ROUGH-IN FOR SECURITY DEVICES ONLY. SECURITY DEVICE AND SYSTEM INSTALLATION SHALL BE BY OTHERS.

SHEET KEYNOTES

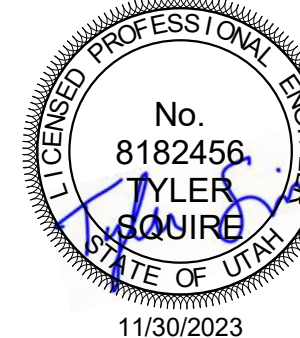
1. PROVIDE NEW SPEAKER MATCHING EXISTING SPEAKERS. CONNECT TO EXISTING A/V SYSTEM. COORDINATE EXACT LOCATION REQUIREMENTS WITH A/V INSTALLER PRIOR TO ROUGH-IN.
2. PROVIDE NEW MICROPHONE MATCHING EXISTING MICROPHONES. CONNECT TO EXISTING A/V SYSTEM. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH A/V INSTALLER PRIOR TO ROUGH-IN.

ARCHITECTS INFORMATION

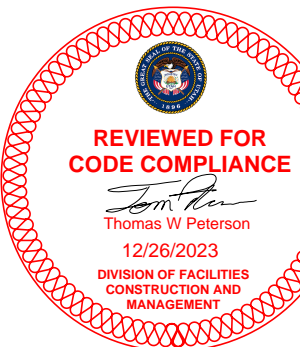


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Kaysville, Utah 84037
t: 801.298.1368
info@spe-architect.com
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PROJECT NAME

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TAYLORSVILLE, UTAH 84129

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SPECTRUM
ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
801-328-5155
801-328-5151
fax: 801-328-5155
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SHEET TITLE

LEVEL 1 AUXILIARY
PLAN

SHEET NUMBER

EY101



SCALE: 1" = 40'-0"

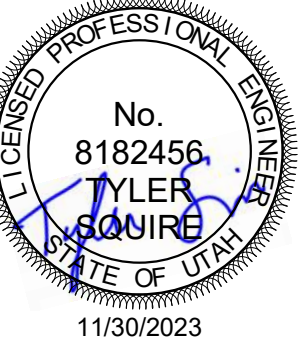


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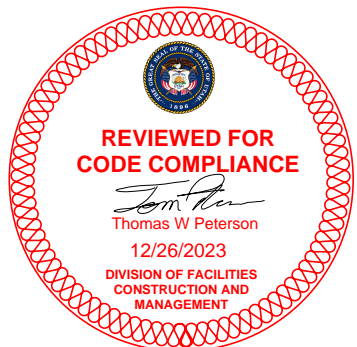
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SHEET TITLE:

LEVEL 2 AUXILIARY

LEVEL 3 AUXILIARY

PLAN

1. *Journal of the American Medical Association*, 2000; 284: 2689-2694.

1. *Journal of Management Studies*, 1997, 34, 1, 1-14.

SHEET NUMBER:

SHEET NUMBER: **FY400**

EY103

References

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