

GSD SECURITY REMODEL SILVER HILLS ELEMENTARY

ELECTRICAL ENGINEERING:
SPECTRUM ENGINEERING
324 SOUTH STATE STREET
SUITE 400
SALT LAKE CITY, UTAH 84111
PHONE: 801.328.5151
FAX: 801.328.5155



GSD SECURITY
REMODEL
SILVER HILLS ELEMENTARY

5770 WEST 5100 SOUTH
SALT LAKE CITY, UT 84118



2500 SOUTH STATE STREET, SALT LAKE CITY, UT
84115

GSBS PROJECT NO.: 2023.030.00
ISSUED DATE: 10/31/2023

VICINITY MAP



PROJECT LOCATION

ADDRESS:
5770 WEST 5100 SOUTH
SALT LAKE CITY, UT 84118

DRAWING INDEX

DRAWING INDEX	
SHEET NUMBER	SHEET NAME
GENERAL	
G000	COVER SHEET
G001	DRAWING INDEX, SYMBOLS AND ABBREVIATIONS
ARCHITECTURAL	
AD110	DEMOLITION PLANS
AE101	OVERALL PLAN
AE110	FLOOR, FINISH, & RCP PLANS
AE601	DOOR SCHEDULE & DETAILS
ELECTRICAL	
EE001	ELECTRICAL COVER SHEET
EE500	TYPICAL MOUNTING DETAILS
EE501	ELECTRICAL DETAILS
EE601	AUXILIARY DIAGRAMS
EE801	TELECOM DETAILS
ED101	LEVEL 1 ELECTRICAL DEMOLITION PLAN
EP101	OVERALL ELECTRICAL PLAN
EP110	FLOOR & RCP ELECTRICAL PLANS

CODE ANALYSIS

APPLICABLE CODES			
	Year		Year
International Building Code	2021	National Electrical Code	2020
International Mechanical Code	2021	ADA STANDARDS	2010
International Plumbing Code	2021	ADA Accessibility Guidelines ICC/ANSI A117.1	2009
International Fire Code	2021		
International Energy Conservation Code	2021		

A. Occupancy and Group: NO CHANGE (E)

C. Type of Construction: NO CHANGE (I-B)

FOOTNOTES:
1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through V ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.

ALL CODES SHALL BE AS ADOPTED BY THE STATE OF UTAH AND THE LOCAL JURISDICTION.

REVISIONS:

NO.	DATE	DESCRIPTION



ABBREVIATIONS

ABV	ABOVE	DWGS	DRAWINGS	HR	HOUR	PLAM	PLASTIC LAMINATE	V.I.F.	VERIFY IN FIELD
A.F.F.	ABOVE FINISH FLOOR	EA	EACH	HYD	HYDRANT	PL	PLATE	VERT	VERTICAL
ADJ	ADJUSTABLE	EL	ELEVATION	IN	INCHES OR INCH	PCF	POUNDS PER CUBIC FOOT	VEST	VESTIBULE
ALUM	ALUMINUM	ELEV	ELEVATION	INFO	INFORMATION	PLF	POUNDS PER LINEAL FOOT	W/	WITH
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	EQ	EQUAL	INSUL	INSULATION	PSF	POUNDS PER SQUARE FOOT	W/O	WITHOUT
AB	ANCHOR BOLT	EXIST	EXISTING	INT	INTERIOR	PSI	POUNDS PER SQUARE INCH	WD	WOOD
<	ANGLE	EXP	EXPANSION	LAV	LAVATORY	QTY	QUANTITY		
APPROX	APPROXIMATE	E.J.	EXPANSION JOINT	LT WT	LIGHT WEIGHT	RAD	RADIUS		
ARCH	ARCHITECTURAL OR ARCHITECT	EXT	EXTERIOR	MAINT	MAINTENANCE	RCP	REFLECTED CEILING PLAN		
@	AT	FT	FEET OR FOOT	MFR	MANUFACTURER	REINF	REINFORCED		
B.P.	BASE PLATE	F.V.	FIELD VERIFY	M.O.	MASONRY OPENING	REQ	REQUIRED		
BRG	BEARING	FIN	FINISH	MAT	MATERIAL	R.D.	ROOF DRAIN		
BTWN	BETWEEN	F.F.	FINISH FLOOR	MAX	MAXIMUM	RM	ROOM		
BITUM	BITUMINOUS	F.E.	FIRE EXTINGUISHER	MECH	MECHANICAL	R.O.	ROUGH OPENING		
BD	BOARD	F.E.C.	FIRE EXTINGUISHER CABINET	MTL	METAL	SCHED	SCHEDULE		
B.O.	BOTTOM OF	FLR	FLOOR	MIN	MINIMUM	SHT	SHEET		
BLDG	BUILDING	FD	FLOOR DRAIN	MISC	MISCELLANEOUS	SIM	SIMILAR		
CLG	CEILING	FTG	FOOTING	N.I.C.	NOT IN CONTRACT	STC	SOUND TRANSMISSION COEFFICIENT		
CL	CENTER LINE	FDN	FOUNDATION	N.T.S.	NOT TO SCALE	SPEC	SPECIFICATION		
CLR	CLEAR	GA	GAGE/GAUGE	#	NUMBER	STD	STANDARD		
COL	COLUMN	GAL	GALLON	NO.	NUMBER	STRUCT	STRUCTURAL		
CONC	CONCRETE	GPM	GALLONS PER MINUTE	O.C.	ON CENTER	SUSP	SUSPENDED		
CMU	CONCRETE MASONRY UNIT	GALV	GALVANIZED	OPP	OPPOSITE	THRU	THROUGH		
CONST	CONSTRUCTION	GND	GROUND	O.D.	OUTSIDE DIAMETER	T.O.	TOP OF		
CONT	CONTINUOUS	GYP BD	GYPSPUM BOARD	O.H.	OVERHEAD	T.O.A.	TOP OF ASPHALT		
C.J.	CONTROL JOINT	GWB	GYPSPUM WALL BOARD	OH DR	OVERHEAD DOOR	T.O.C.	TOP OF CURB		
COORD	COORDINATE	HW	HARDWARE	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED	T.O.F.	TOP OF FOOTING		
DEPT	DEPARTMENT	HVAC	HEATING/VENTILATION/AIR CONDITIONING	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED	T.O.S.	TOP OF SLAB OR SIDEWALK		
DTL	DETAIL	HT	HEIGHT	PNT	PAINTED OR PAINT	T.O.W.	TOP OF WALL		
Ø	DIAMETER	H.M.	HOLLOW METAL	PTN	PARTITION	TYP	TYPICAL		
DIA	DIAMETER	HORIZ	HORIZONTAL	PERP	PERPENDICULAR	U.N.O.	UNLESS NOTED OTHERWISE		
DBL	DOUBLE					VEN	VENEER		

NOTE:
ABBREVIATIONS FOR FINISHED MATERIALS ARE DESCRIBED IN THE FINISH LEGEND.

GRAPHIC SYMBOLS

	GRID	GRID LINES
	DETAIL SYMBOL	DETAIL NUMBER/ SHEET WHERE DETAIL IS DRAWN
	BUILDING SECTION SYMBOL	SECTION REFERENCE/ SHEET WHERE SECTION IS DRAWN
	WALL SECTION SYMBOL	SECTION REFERENCE/ SHEET WHERE SECTION IS DRAWN
	EXTERIOR ELEVATION SYMBOL	ELEVATION IDENTIFICATION SHEET WHERE ELEVATION IS DRAWN
	INTERIOR ELEVATION SYMBOL	ELEVATION IDENTIFICATION SHEET WHERE ELEVATION IS DRAWN
	ELEVATION CONTROL POINT OR DATUM POINT	
	100A	DOOR TAG DOOR NUMBER
	W1	WINDOW TAG WINDOW OR STOREFRONT NUMBER
	NAME 101	ROOM TAG ROOM NAME ROOM NUMBER
		REVISION TAG
	VIEW NAME SHEET SCALE	VIEW TITLE VIEW NUMBER/ SHEET WHERE VIEW IS LOCATED VIEW NAME/ VIEW SCALE

MATERIALS/LEGEND

	CONCRETE MASONRY UNIT
	FACE BRICK
	CONCRETE (POURED IN PLACE)
	GYPSPUM BOARD OR SETTING BEDS
	INSULATION (BATT & BLANKET)
	INSULATION (RIGID/SEMI-RIGID)
	PLYWOOD
	CONTINUOUS ROUGH WOOD
	BLOCKING, ROUGH WOOD
	METAL (LARGE SCALE)
	GRAVEL
	EARTH
	COMPACTED FILL
	QUARRY/CERAMIC TILE
	FIREPROOFING
	WOOD

GSD SECURITY REMODEL

SILVER HILLS ELEMENTARY

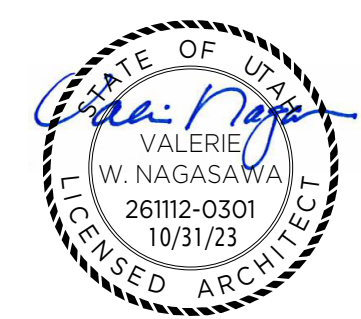
5770 WEST 5100 SOUTH
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DRAWING INDEX, SYMBOLS AND ABBREVIATIONS

REVISIONS:



DEMOLITION LEGEND

- DOOR AND FRAME TO BE REMOVED
- EXISTING WALL, CARPET, OR CEILING TO BE REMOVED
- EXISTING WALL TO REMAIN
- NO SCOPE OF WORK
- REMOVE FINISH FLOORING AND ADHESIVE THROUGHOUT MARKED AREA. SCRAPE AND CLEAN IN ORDER TO PREPARE SLAB FOR INSTALLATION OF NEW FLOORING AS REQUIRED BY MANUFACTURER FOR PROPER INSTALLATION.
- REMOVE CEILING TILES AND REUSE FOR OFFICE

GENERAL DEMOLITION NOTES

- ANY ASBESTOS CONTAINING MATERIALS (ACM) IN PROJECT AREA SHALL BE IDENTIFIED AND ABATED BY DISTRICT PRIOR TO CONTRACTOR MOBILIZATION. CONTRACTOR SHALL STOP WORK AND NOTIFY DISTRICT IF ADDITIONAL ACM IS IDENTIFIED DURING DEMOLITION AND CONSTRUCTION.
- UNLESS NOTED OTHERWISE, CONTRACTOR SHALL DISPOSE OF ALL DEBRIS, REFUSE, EQUIPMENT, ETC. IN CONTRACTOR SUPPLIED CONTAINERS/DUMPSTERS. DO NOT USE DISTRICT TRASH CONTAINERS.
- COORDINATE ANY NEW PENETRATION SIZES WITH MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
- ALL EXISTING STRUCTURAL ELEMENTS TO REMAIN UNLESS NOTED OTHERWISE.
- FOR EXTENT OF MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION, SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- FURNITURE TO BE TEMPORARILY REMOVED BY DISTRICT PRIOR TO CARPET DEMOLITION. CONTRACTOR TO COORDINATE WITH OWNER.
- OWNER TO REMOVE EXISTING PRINTERS AND OTHER ELECTRICAL EQUIPMENT TO BE REUSED. CONTRACTOR TO COORDINATE WITH OWNER.
- REMOVE EXISTING RUBBER BASE WHERE OCCURS THROUGHOUT MARKED DASHED AREA. PREPARE SUBSTRATE TO RECEIVE NEW RUBBER BASE.
- PROTECT ALL DEVICES DURING DEMOLITION THAT DO NOT HAVE CHANGE IN SCOPE.
- ANY SURPLUS OF MATERIALS IDENTIFIED FOR SALVAGE AND REUSE IN NEW CONSTRUCTION SHALL BE TURNED OVER TO THE OWNER AS ATTIC STOCK AT THE COMPLETION OF THE PROJECT.

EXIST. CEILING SCHEDULE

TYPE	DESCRIPTION	PLAN
B	EXIST. 2X4 LAY-IN CEILING - GRIDS TO REMAIN - TILES TO BE REMOVED AND REUSED	
B0	EXIST. 2X4 LAY-IN ACOUSTICAL PANEL IN SUSPENDED GRID - TO BE DEMOLISHED	
B1	EXIST. 2X4 LAY-IN CEILING TO REMAIN	

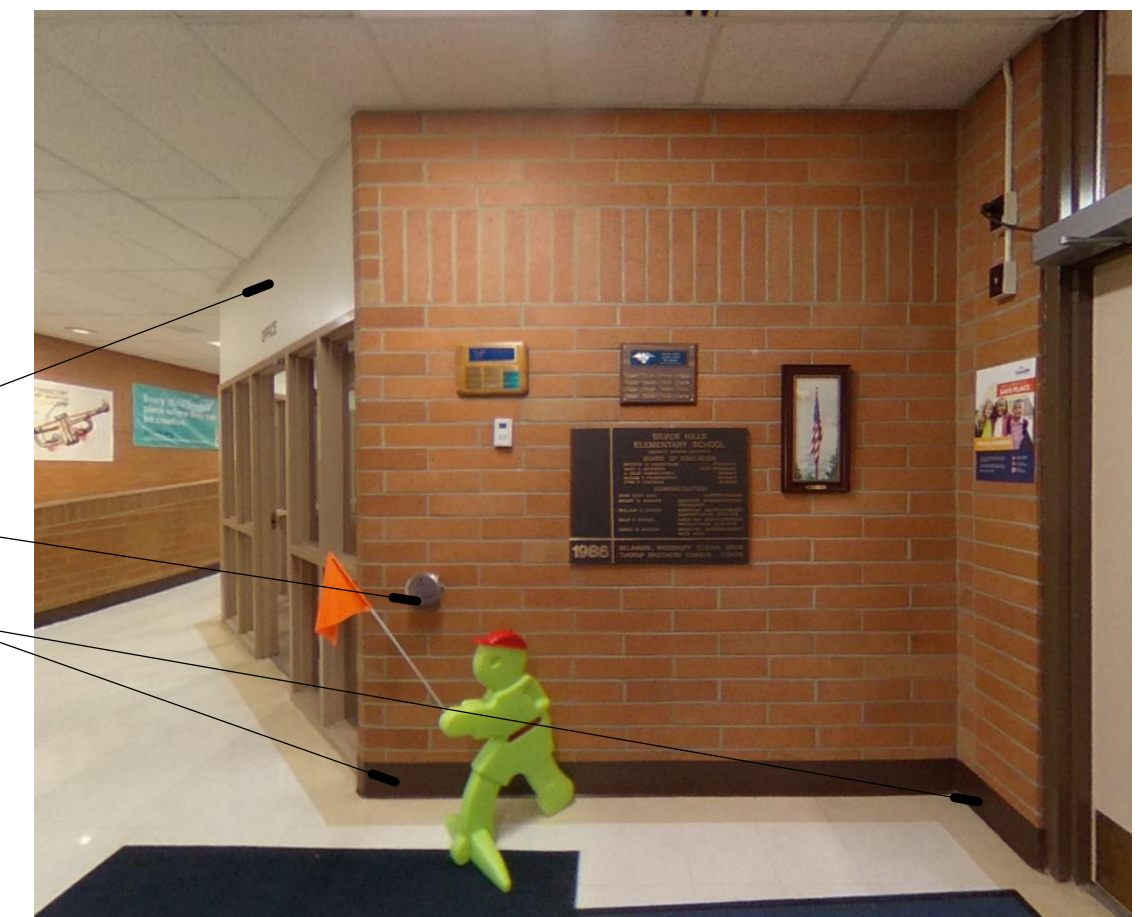
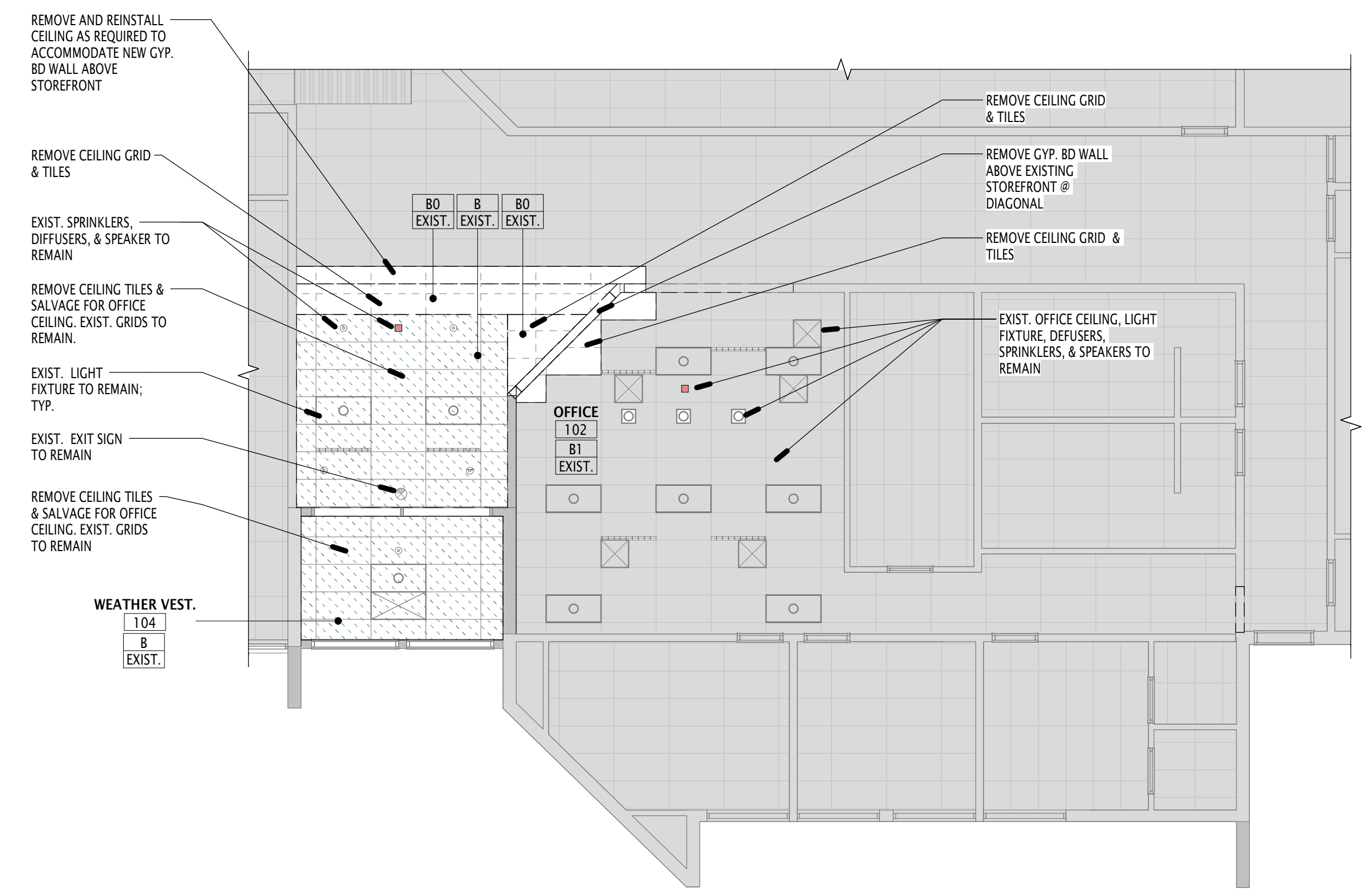


PHOTO 1

- REMOVE CYP. BD WALL ABOVE EXISTING STOREFRONT @ DIAGONAL
- EXIST. ADA ACTUATOR TO REMAIN
- REMOVE BASE



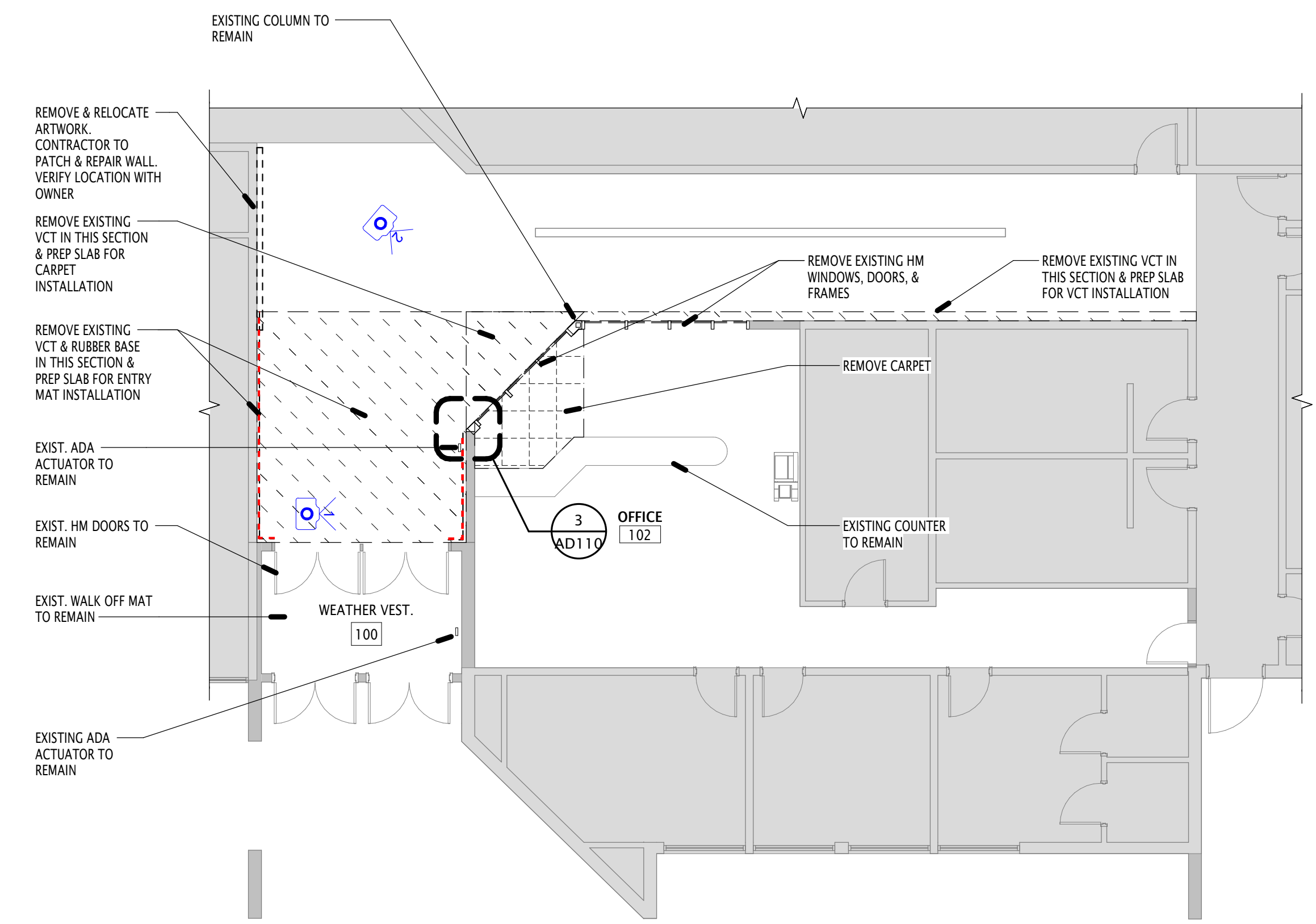
2 DEMOLITION REFLECTED CEILING PLAN
AD110 1/8" = 1'-0"



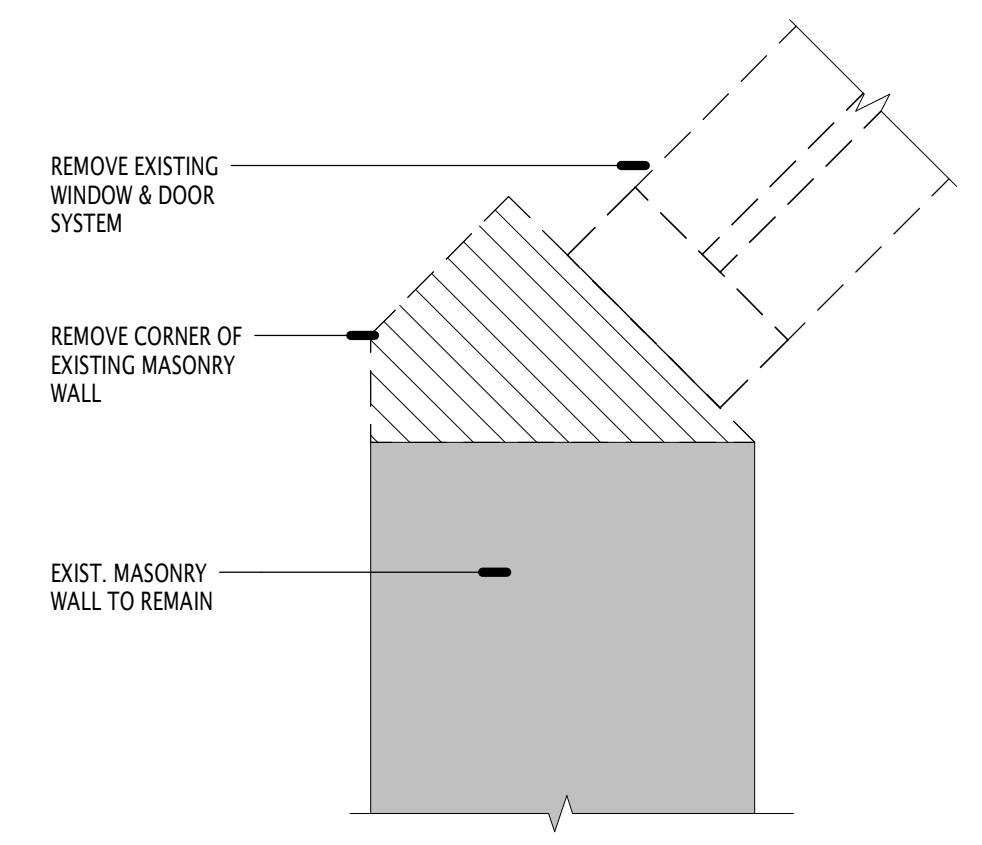
PHOTO 2

- REMOVE CEILING GRID & TILES
- REMOVE AND REINSTALL CEILING AS REQUIRED TO ACCOMMODATE NEW CYP. BD WALL ABOVE STOREFRONT
- REMOVE EXISTING VCT IN THIS SECTION & PREP SLAB FOR VCT INSTALLATION
- REMOVE EXISTING VCT IN THIS SECTION & PREP SLAB FOR CARPET INSTALLATION
- REMOVE EXISTING VCT IN THIS SECTION & PREP SLAB FOR ENTRY MAT INSTALLATION

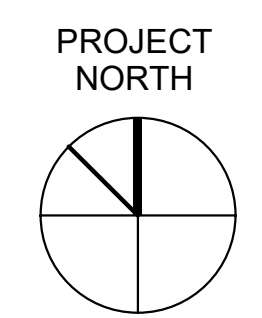
- REMOVE CEILING TILES & SALVAGE FOR OFFICE CEILING. EXIST. GRIDS TO REMAIN
- EXIST. LIGHT FIXTURE, SPRINKLERS, DIFFUSERS, EXIT SIGN & SPEAKER TO REMAIN



1 DEMOLITION PLAN
AD110 1/8" = 1'-0"



3 CORNER DEMO DETAIL
AD110 3" = 1'-0"



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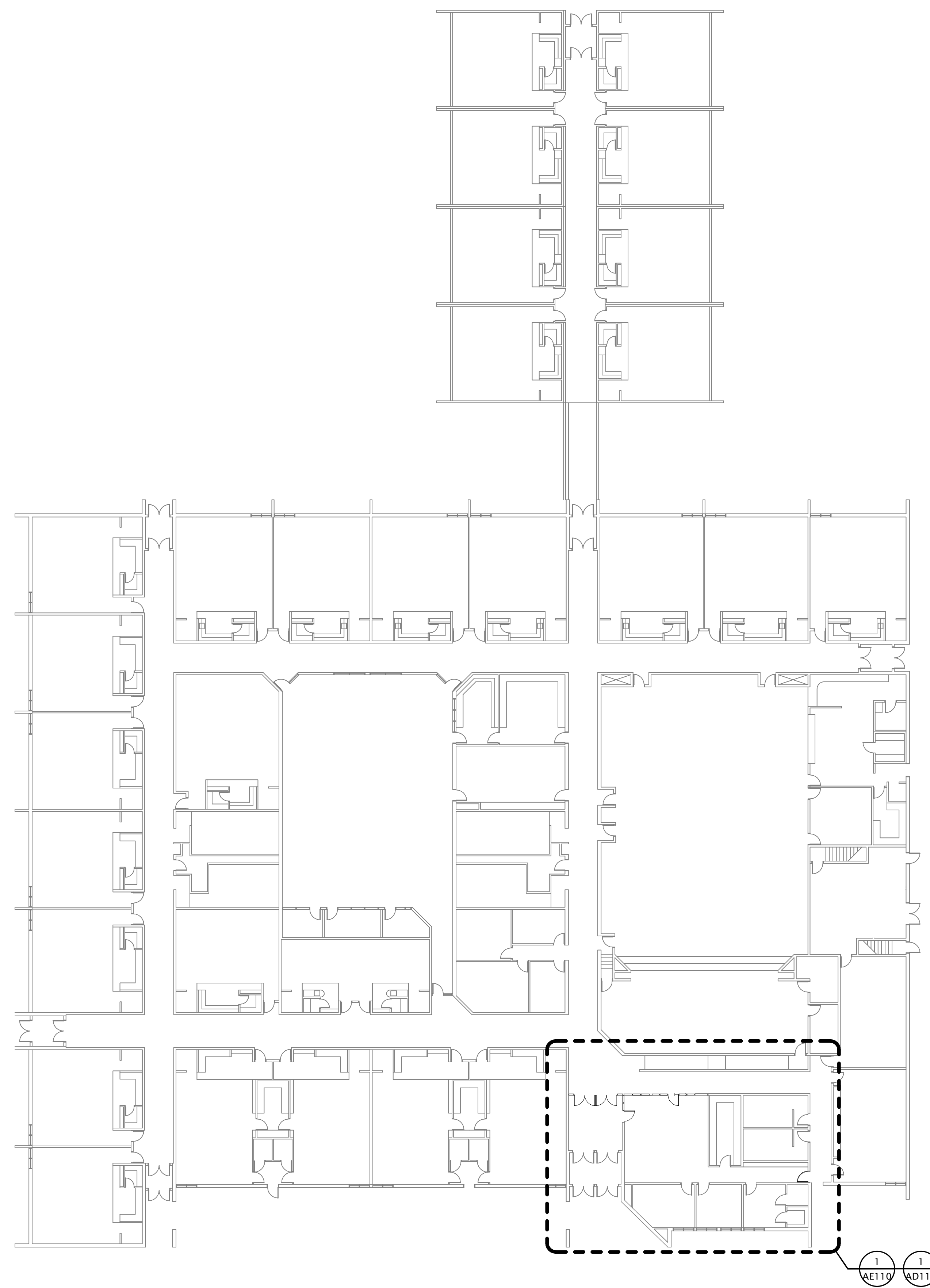
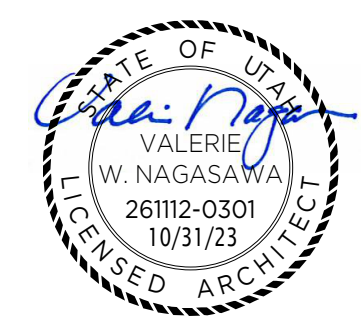
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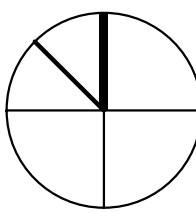
DEMOLITION PLANS

REVISIONS:



1 AE110 1 AD110

PROJECT NORTH



1 OVERALL PLAN
AE101 1" = 20'-0"

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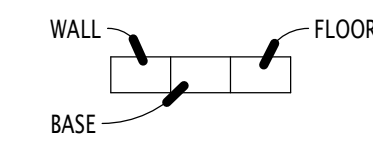
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OVERALL PLAN

FINISH SCHEDULE						
	DESCRIPTION	MANUFACTURER	PRODUCT NAME / NUMBER	COLOR/ FINISH	SIZE	COMMENTS
WALL	P1 GENERAL PAINT	SHERWIN WILLIAMS	MATCH EXISTING	MATCH EXISTING	N/A	APPLIED TO GYP. BD. ABOVE STOREFRONTS. SEE ELEVATIONS
BASE	RB1 RUBBER BASE	ROPPE	COVED RUBBER BASE	LUNAR DUST 114	4"	
FLOOR	C CARPET				24"x24"	O.F.C.I.
	EM ENTRY MAT	SHAW CONTRACT	WELCOME II	STERLING 31557	24"x24"	O.F.C.I.
	VCT VINYL TILE		MATCH EXISTING	MATCH EXISTING		

FINISH LEGEND



GENERAL NOTES

1. TOUCH UP PAINT AT AREAS OF NEW WORK, AS REQUIRED.

RCP LEGEND

100	ROOM #
A	CEILING TYPE
9'-0"	ELEVATION - FROM FINISH FLOOR
[Symbol]	SPEAKER
[Symbol]	NO SCOPE OF WORK
[Symbol]	EXIT SIGN

CEILING NOTES

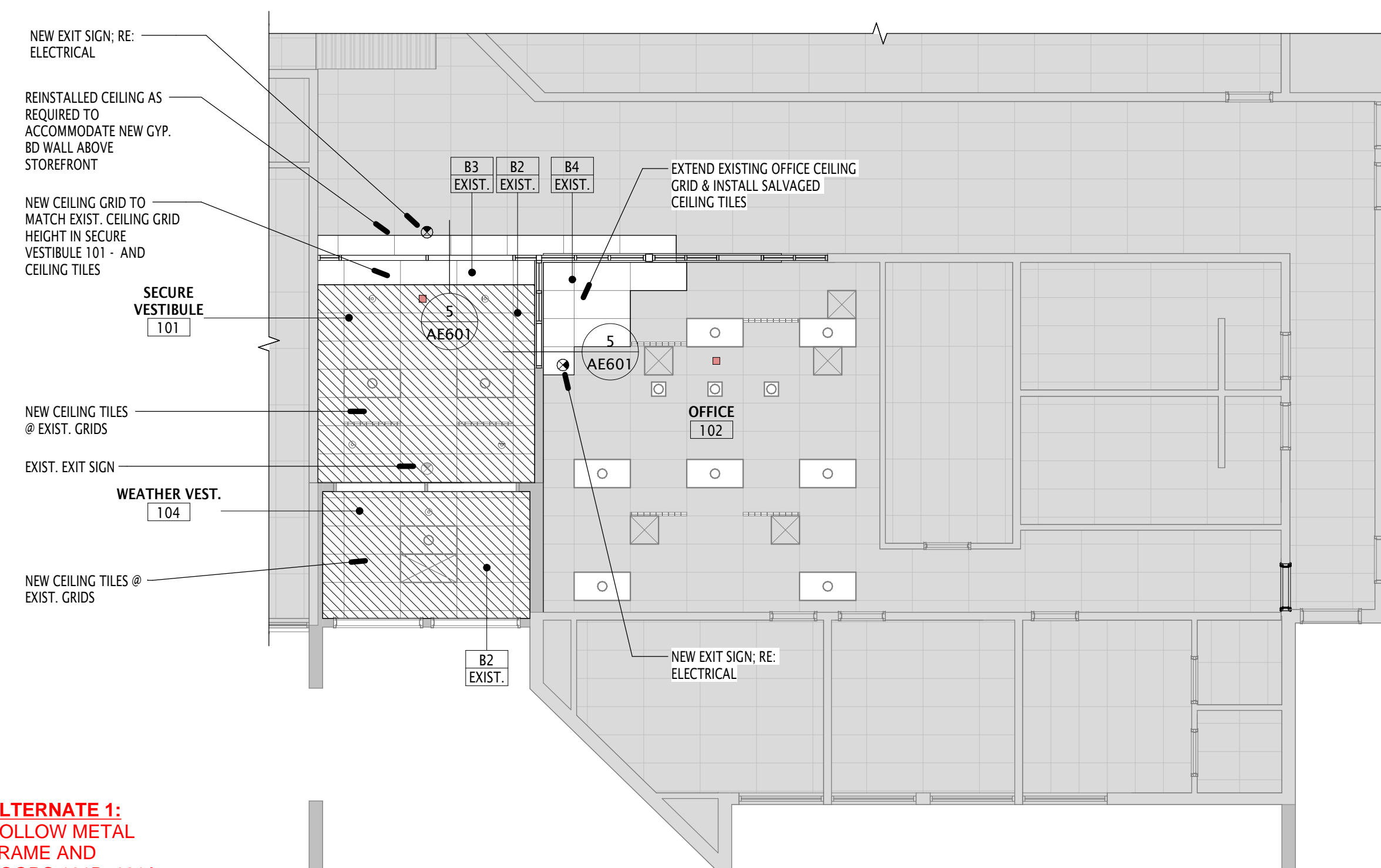
- ELECTRICAL DATA SHOWN FOR REFERENCE ONLY. COORDINATE WITH ELECTRICAL DRAWINGS. ANY CONFLICTS SHOULD BE ADDRESSED WITH ARCHITECT AS SOON AS POSSIBLE.
- UNLESS NOTED OTHERWISE, PROVIDE FRAMED GYP. BD. HEADER/ BULKHEAD AT EDGE WHERE ADJACENT CEILINGS HAVE DIFFERENT ELEVATIONS. IF NOT TAGGED, PROVIDE BULKHEAD TYPE: 3-5/8" Studs W/ GYP. BD.
- PROVIDE BLOCKING IN WALLS & CEILINGS AS REQUIRED FOR INSTALLATION OF MECH. PLUMB. & ELEC. EQUIP. AND SPECIALTIES
- ADJUST ALL FIRE SPRINKLER HEADS AND PLUMBING TO NEW CEILING HEIGHTS.
- SEE FINISH SCHEDULE FOR CEILING TYPE C GYPSUM BOARD PAINT.
- ALL CEILING DEVICES (SPEAKERS, EXIT SIGNS, SPRINKLER HEADS, ETC.) REMOVED FROM CEILING TILES DURING DEMOLITION SHALL BE REINSTALLED IN NEW CEILING TILES.

CEILING SCHEDULE

TYPE	DESCRIPTION	PLAN
B2	2X4 LAY-IN ACOUSTICAL PANEL IN EXIST. SUSPENDED GRID	[Symbol]
B3	2X4 LAY-IN ACOUSTICAL PANEL IN SUSPENDED GRID	[Symbol]
B4	2X4 LAY-IN SALVAGED PANEL IN SUSPENDED GRID	[Symbol]

FIRE PROTECTION NOTES

- REDESIGN OF FIRE SPRINKLING WITHIN THE SCOPE OF THIS PROJECT INCLUDES ADJUSTMENT AS REQUIRED FOR NEW CEILING LAYOUT. FIRE SPRINKLING DESIGN SHOULD CONFORM TO NFPA 13 DEFINED - LIGHT HAZARD SPACE ACCORDING TO THE NEW FLOOR PLAN AND CEILING LAYOUT. VERIFY THE NEW COMPONENTS MATCH THE EXISTING TYPE AND ARRANGEMENT.
- NO FIRE PROTECTION LINE SHALL BE DESIGNED OR INSTALLED PRIOR TO CLOSE COORDINATION WITH ALL OTHER DISCIPLINES, DUCTWORK, MECHANICAL PIPING AND PLUMBING TAKE SPACE PRECEDENCE OVER FIRE PROTECTION PIPING. FAILURE TO COMPLY WILL RESULT IN THE FIRE PROTECTION REMOVAL AND REINSTALLATION AT THE FIRE PROTECTION CONTRACTORS EXPENSE.
- ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING SURROUNDING AREA.
- COORDINATE EXACT LOCATION OF PIPING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUITS, DUCTWORK MECHANICAL AND PLUMBING PIPING, AND ALL OTHER TRADES AND ALL EXISTING CONDITIONS.



2 REFLECTED CEILING PLAN

AE110 1/8" = 1'-0"

ALTERNATE 1:
HOLLOW METAL
FRAME AND
DOORS 101B, 101A,
102C, 102B

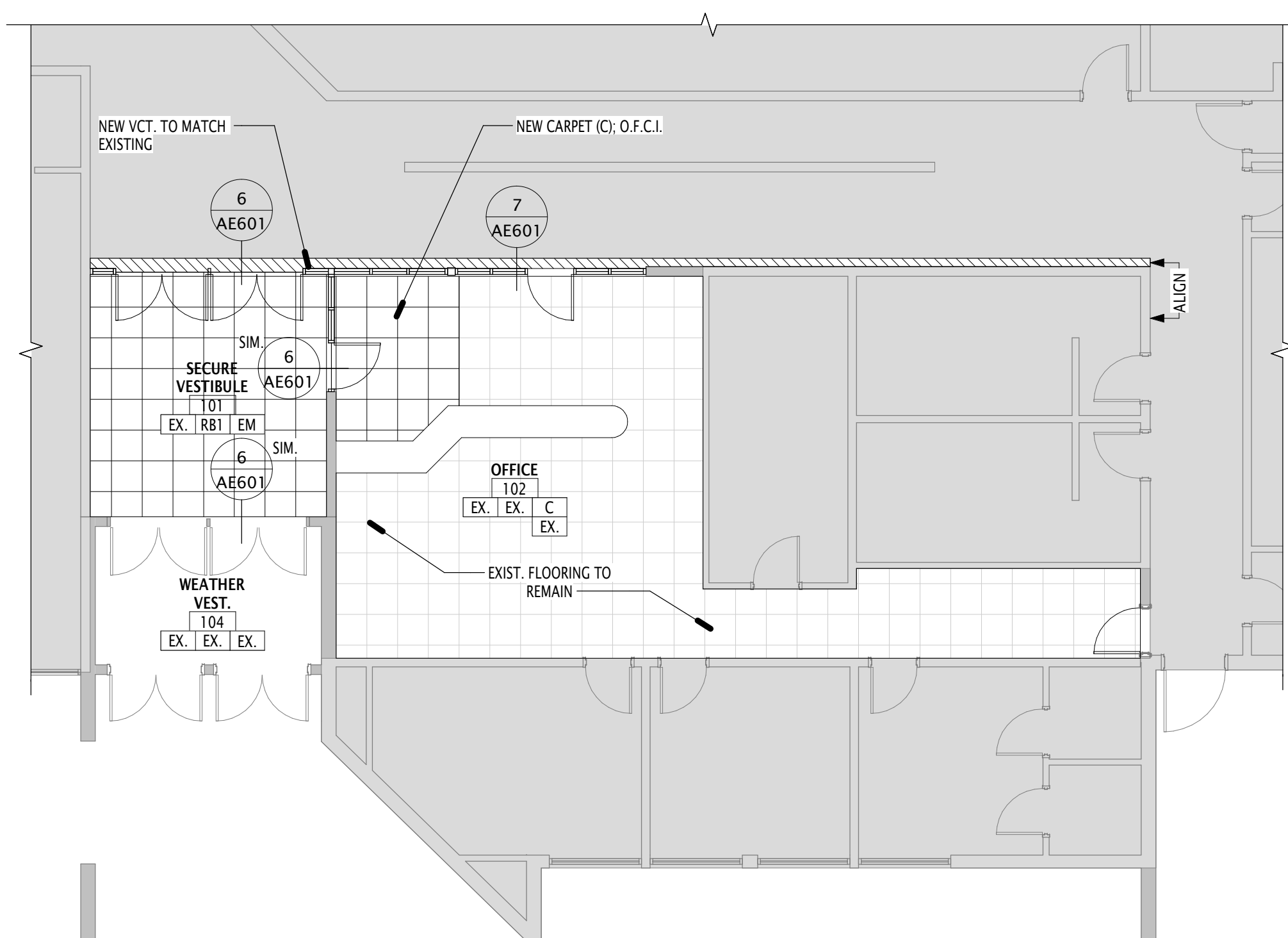
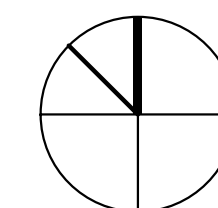
LEGEND

[RR]	REMOTE RELEASE - SEE ELECTRICAL
[CR]	CARD READER - SEE ELECTRICAL
[WR]	WIRELESS RECEIVER - SEE ELECTRICAL

GENERAL NOTES

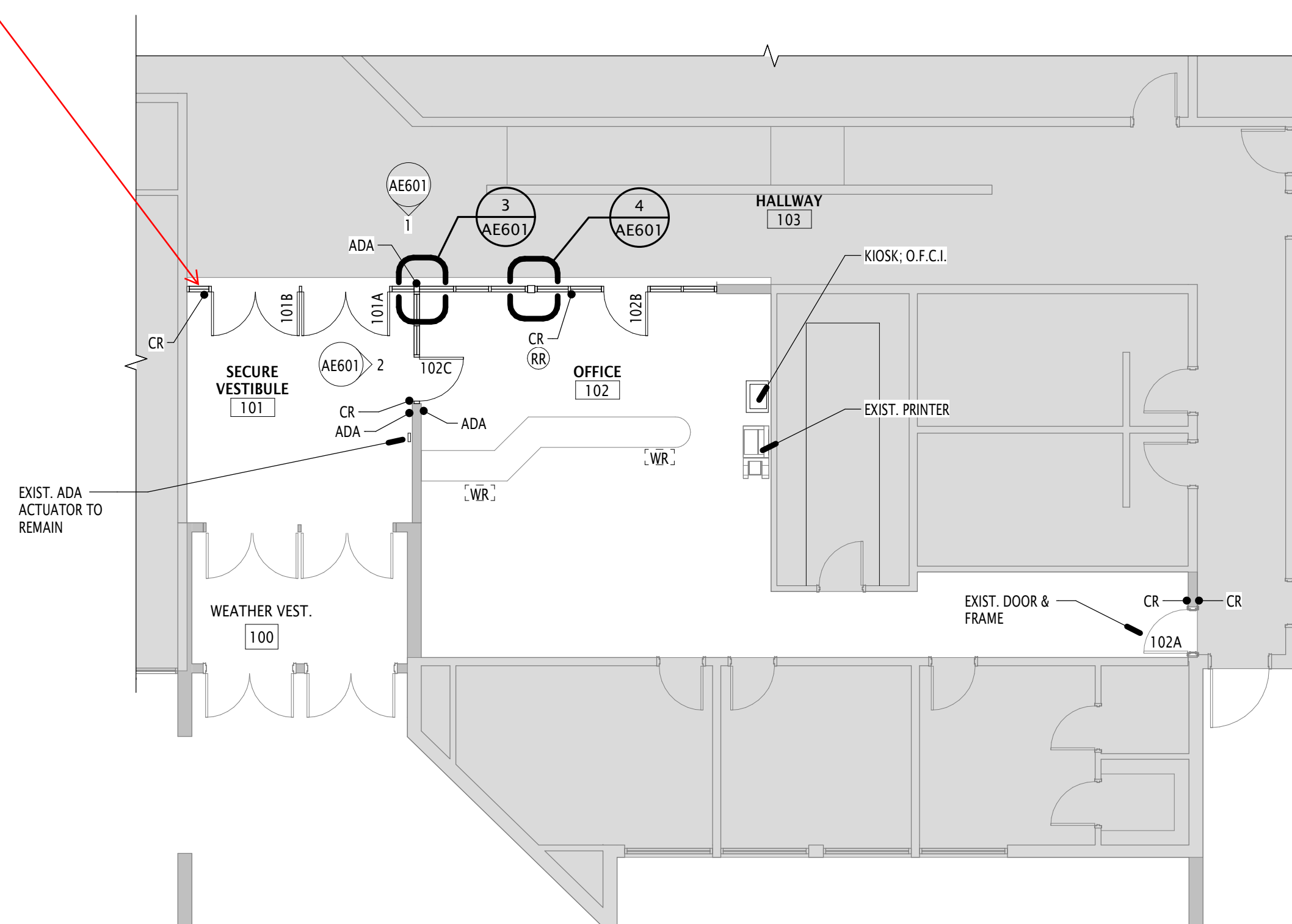
- THE GENERAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING WORK AND NOTIFY ARCHITECT IN WRITING, IN ADVANCE OF COMMENCEMENT OF WORK, IF CONDITIONS VARY FROM WHAT IS SHOWN IN THE DRAWINGS.
- PROTECT ALL EXISTING SURFACES NOT INDICATED FOR DEMOLITION.
- REPAIR ALL DAMAGE TO EXISTING CONSTRUCTION, CAUSED BY DEMOLITION AND NEW CONSTRUCTION ACTIVITIES, IN ORDER TO RESTORE ORIGINAL APPEARANCE AND QUALITY.
- PATCH AND REPAIR ALL WALLS FOLLOWING DEMOLITION AS REQUIRED TO RESTORE LIKE NEW FINISH. PAINT ALL NEW AND EXISTING FINISHED GYPSUM BOARD AND HOLLOW METAL SURFACES WITHIN PROJECT AREA.
- PATCH AND REPAIR CONCRETE FLOOR SLABS FOLLOWING DEMOLITION AS REQUIRED TO RESTORE SUBSTRATE FOR NEW FINISH FLOORING.
- PATCH AND REPAIR ALL DAMAGE TO FLOORING ADJACENT TO WALL DEMOLITION AND NEW CONSTRUCTION. MATCH EXISTING FLOORING MATERIALS.
- ANY SURPLUS OF MATERIALS IDENTIFIED FOR SALVAGE AND REUSE IN NEW CONSTRUCTION SHALL BE TURNED OVER TO THE OWNER AS ATTIC STOCK AT THE COMPLETION OF THE PROJECT.

PROJECT NORTH



3 FINISH PLAN

AE110 1/8" = 1'-0"

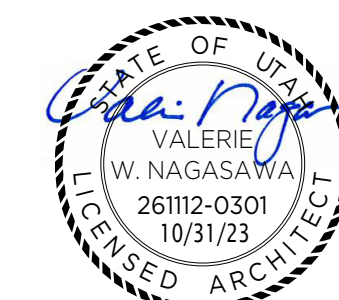


1 FLOOR & FINISH PLAN

AE110 1/8" = 1'-0"

REVISIONS:

NO.	DESCRIPTION



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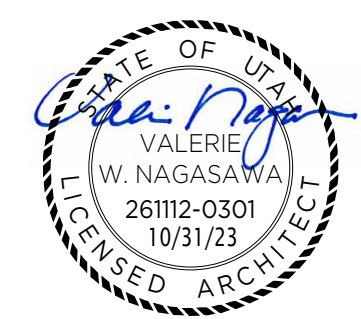


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FLOOR, FINISH, & RCP PLANS

REVISIONS:



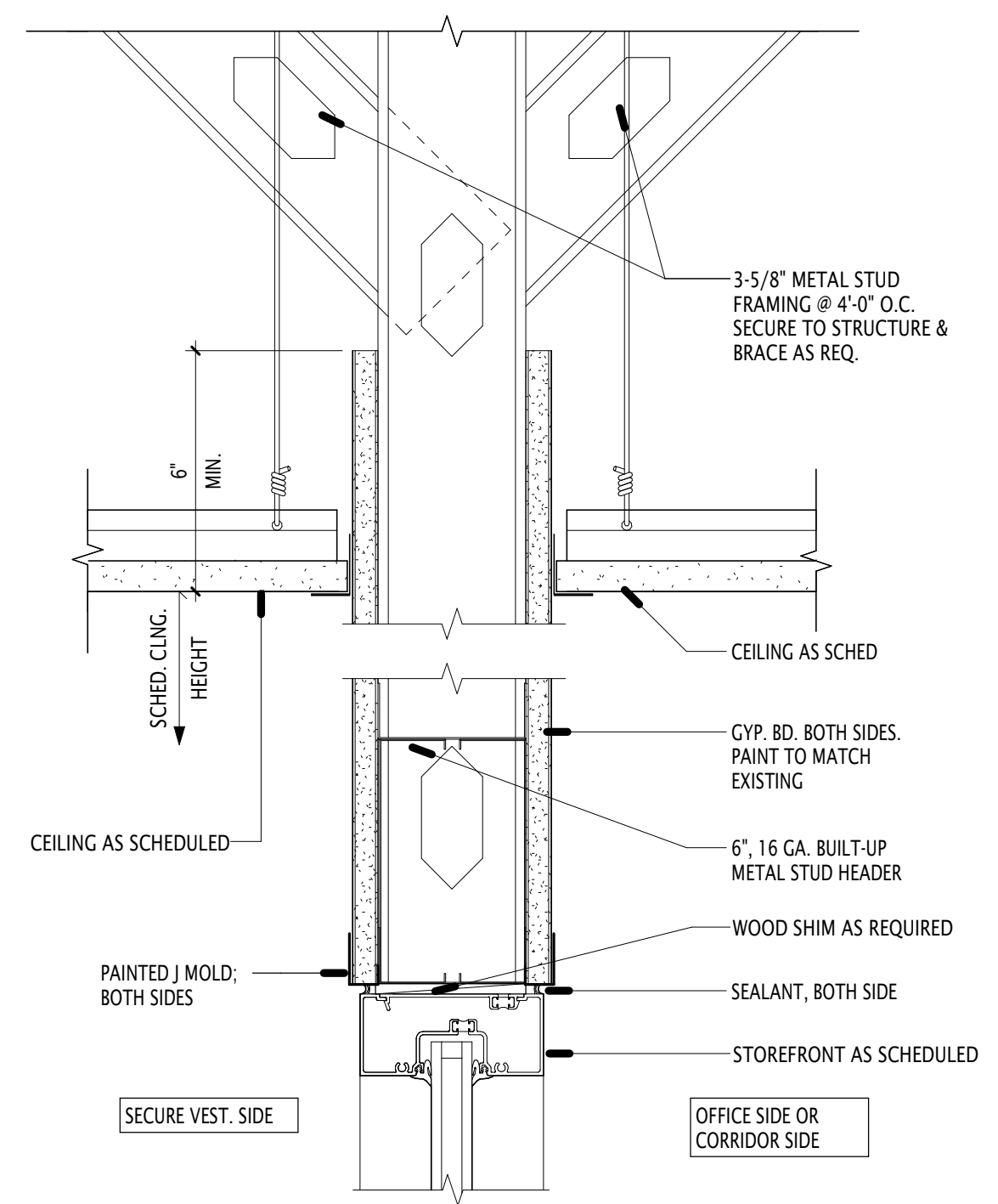
DOOR NUMBER	DOOR					FRAME			OPENING RATING	POWERED	REMARKS	DOOR NUMBER
	PANELS	WIDTH	HEIGHT	TYPE	MATERIAL / FINISH	HARDWARE	HEAD HEIGHT	TYPE				
101A	PR	3'-0"	7'-0"	D6	ALUM / CLR	AL01	SEE ELEV	ALUM / CLR			ADA	101A
101B	PR	3'-0"	7'-0"	D6	ALUM / CLR	AL02	SEE ELEV	ALUM / CLR			CARD READER	101B
102A	SNGL	3'-0"	7'-0"	D1	EXIST.	01	2"	EXIST. : F1			EXISTING DOOR AND FRAME TO REMAIN - CARD READER	102A
102B	SNGL	3'-0"	7'-0"	D6	ALUM / CLR	AL04	SEE ELEV	ALUM / CLR			CARD READER - REMOTE RELEASE	102B
102C	SNGL	3'-0"	7'-0"	D6	ALUM / CLR	AL03	SEE ELEV	ALUM / CLR			CARD READER - ADA (BOTH SIDES)	102C

ALTERNATE 1:
SEE SPECIFICATION
087100 FOR ALTERNATE
HARDWARE GROUPS FOR
HOLLOW METAL FRAMES.

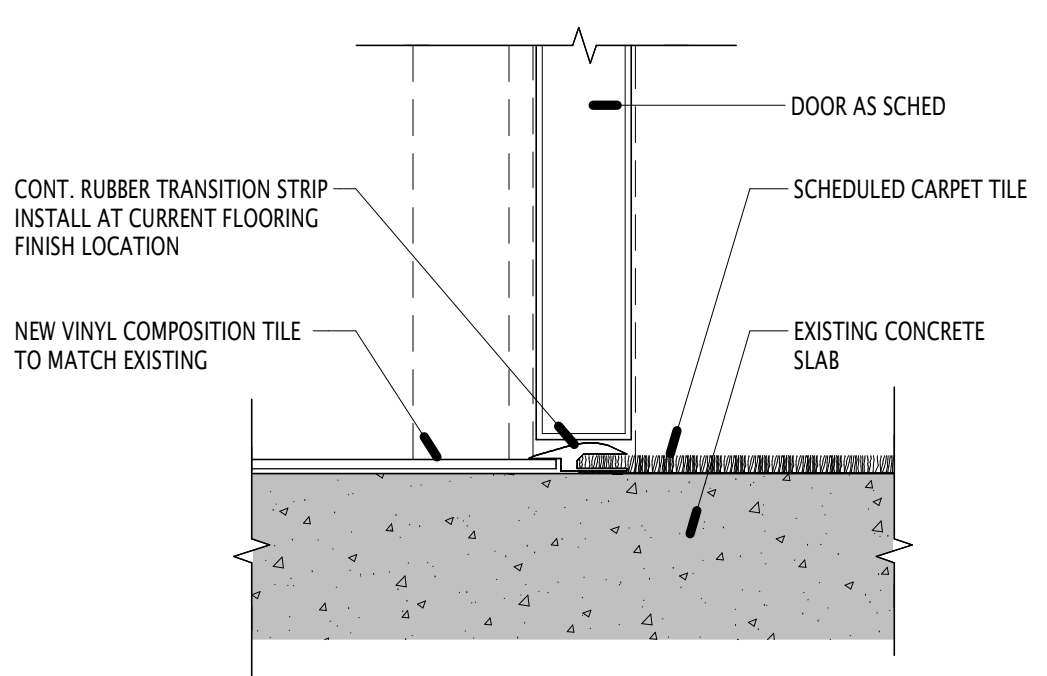
GLAZING TYPES
B - 1/4" TEMPERED GLASS

DOOR NUMBER REFERS TO REFERENCE DOOR MARK ON FLOOR PLANS
PANEL INDICATES THE TYPE OF DOOR PANEL(S)
 SNGL-SINGLE PANEL SEC - SECTIONAL DOOR
 PR - PAIR OF DOORS IN ONE FRAME OC - OVERHEAD COILING DOOR
WIDTH INDICATES THE FINISHED DOOR PANEL WIDTH
HEIGHT INDICATES THE FINISHED DOOR PANEL HEIGHT
THICKNESS INDICATES FINISHED PANEL THICKNESS
TYPE INDICATES DOOR PANEL TYPE. SEE DOOR PANEL ELEVATIONS
MATERIAL / FINISH INDICATES DOOR PANEL MATERIAL & FINISH
 HM - HOLLOW METAL PNT - PAINT
 WD - SOLID CORE WOOD STN - STAIN (FACTORY)
 ALUM - ALUMINUM CLR - ANODIZED
 STL - STEEL BY MFR - BY MANUFACTURER
HARDWARE INDICATES DOOR HARDWARE SET. REFER TO SPECIFICATIONS
HEAD HEIGHT INDICATES HEIGHT OF FRAME HEAD
TYPE INDICATES DOOR PANEL TYPE. SEE DOOR FRAME ELEVATIONS
MATERIAL / FINISH INDICATES FRAME MATERIAL & FINISH
 HM - HOLLOW METAL PNT - PAINT
 ALUM - ALUMINUM CLR - ANODIZED
 STL - STEEL BY MFR - BY MANUFACTURER
OPENING RATING INDICATES REQUIRED FIRE RATING FOR DOOR IN MINUTES
POWERED SYMBOL INDICATES DOOR REQUIRES POWER. REFER TO SPECIFICATIONS
REMARKS ANY SPECIAL CONDITIONS REQUIRED

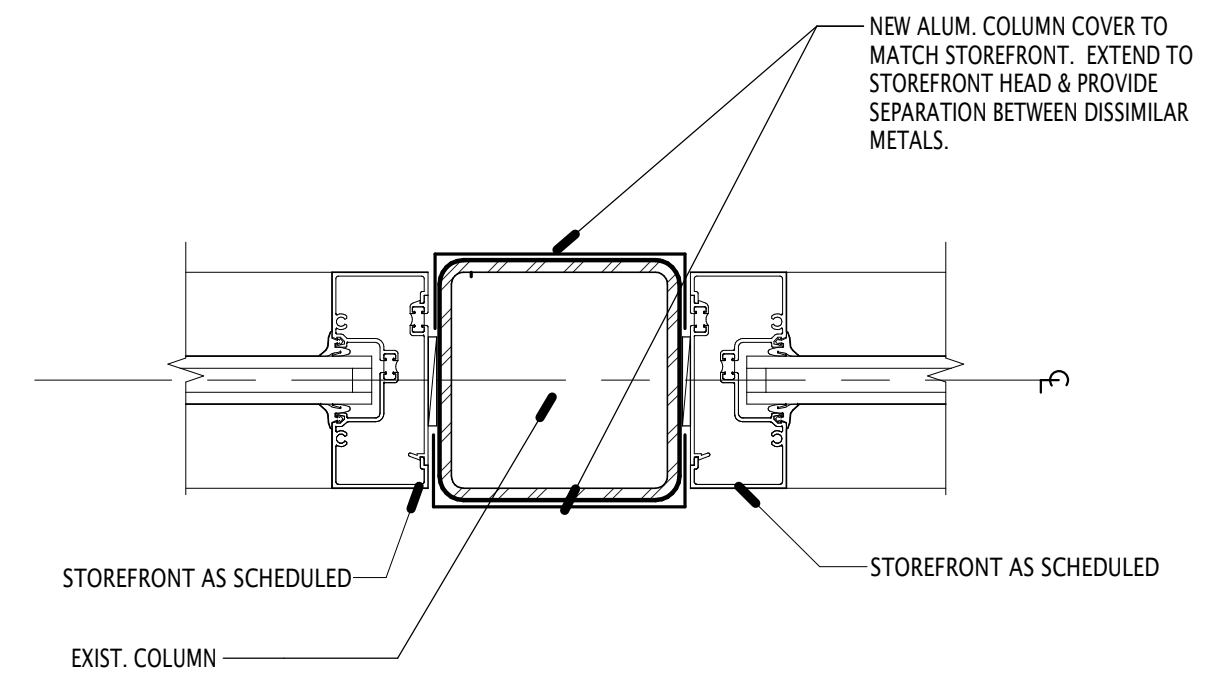
ALTERNATE 1:
HOLLOW METAL FRAME AND
DOORS 101B, 101A, 102C, 102B.
ALTERNATE INCLUDES TO
HAVE ALL JAMB, HEAD, AND
COLUMN DETAILS TO BE
HOLLOW METAL FRAMES.
COLUMN WRAP TO BE
PAINTED BENT STEEL.



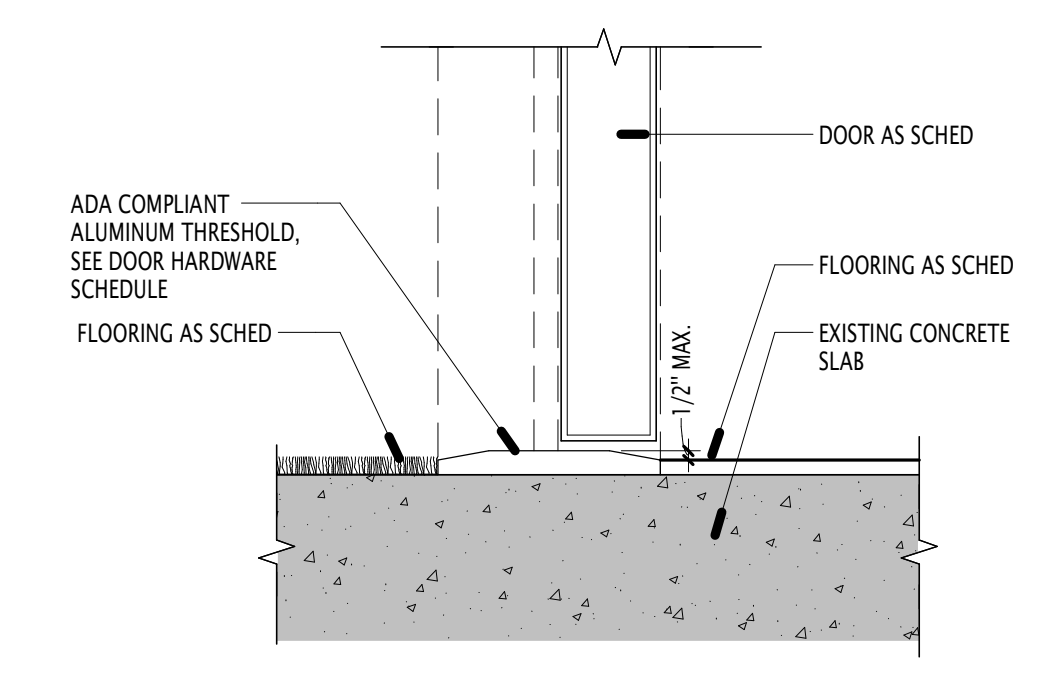
5
HEADER DETAIL
AE601 3" = 1'-0"



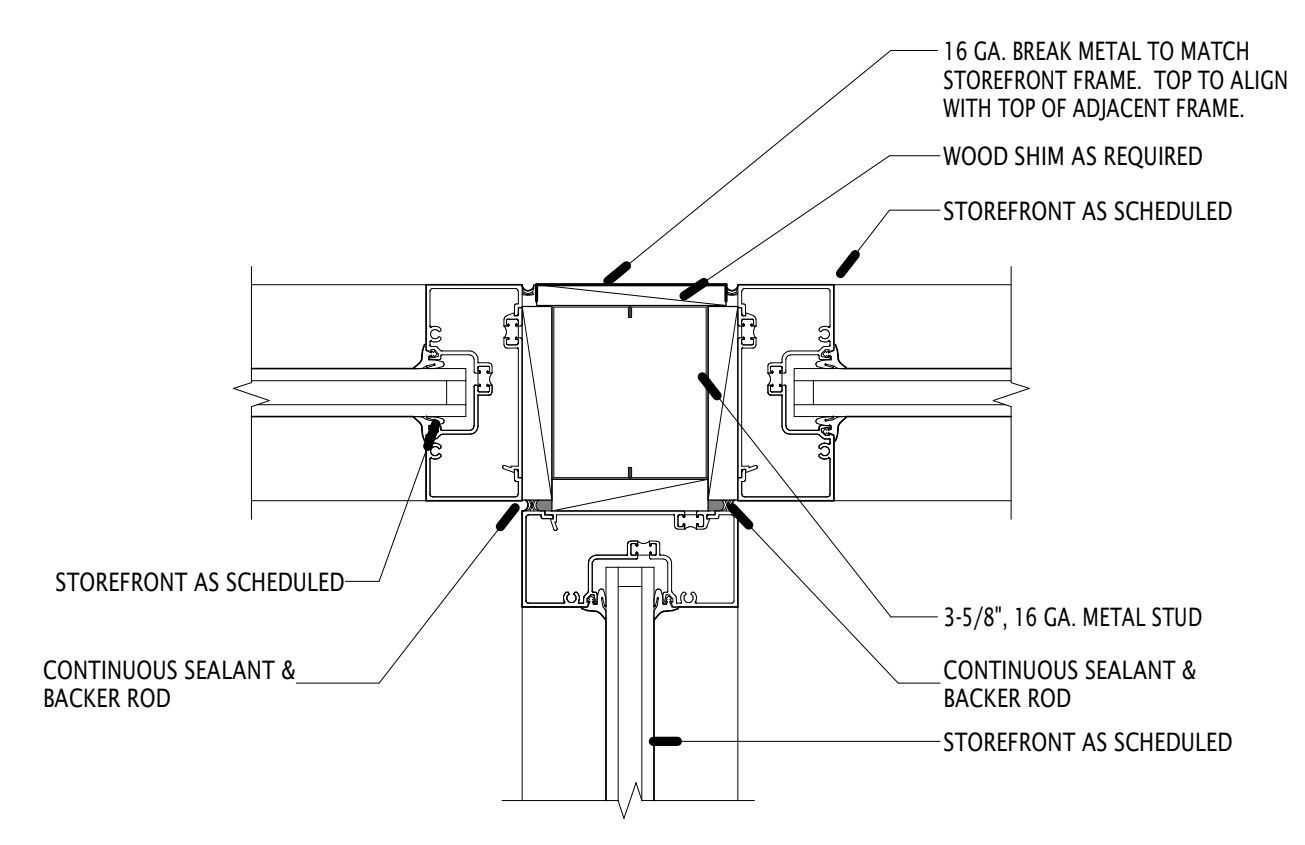
7
CARPET - VCT
AE601 3" = 1'-0"



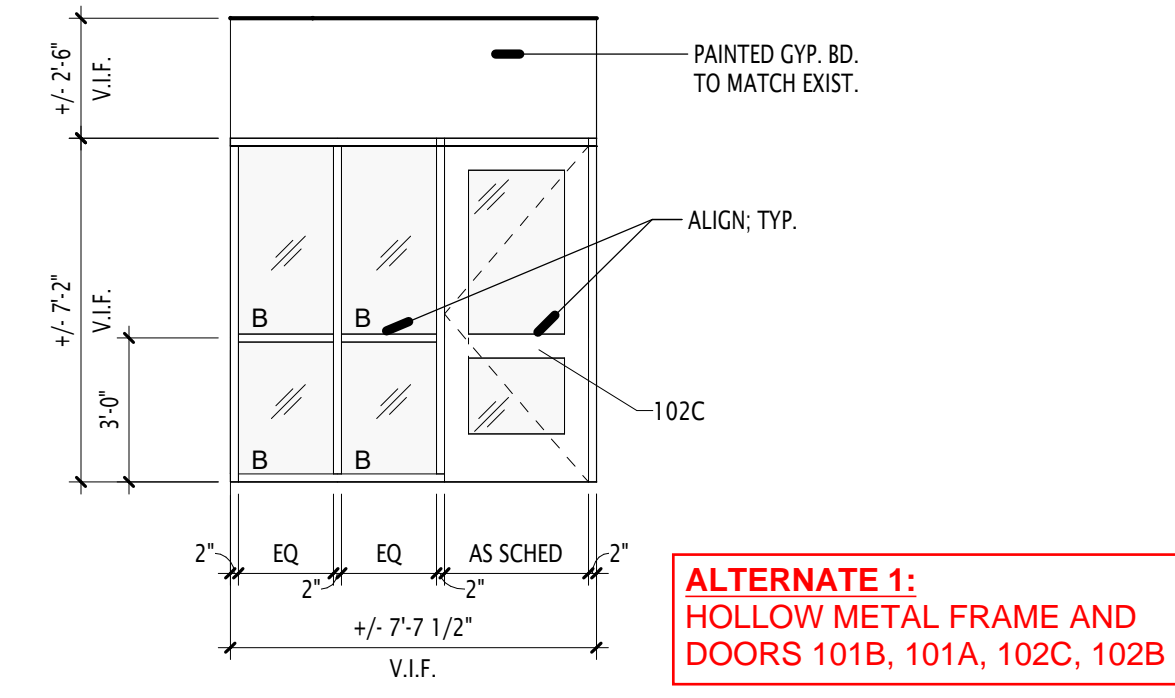
4
COLUMN DETAIL
AE601 3" = 1'-0"



6
THRESHOLD DETAIL
AE601 3" = 1'-0"

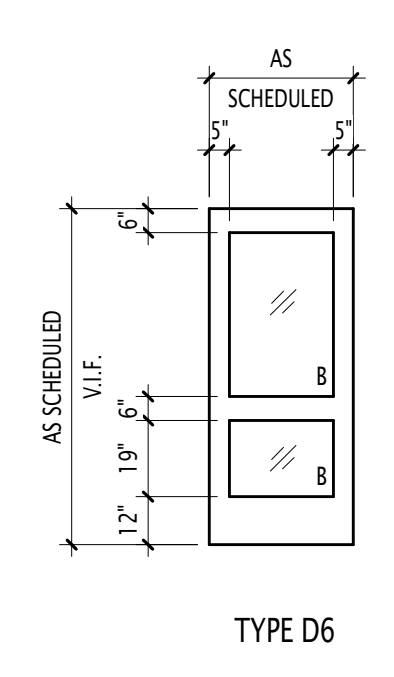


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JAMB DETAIL
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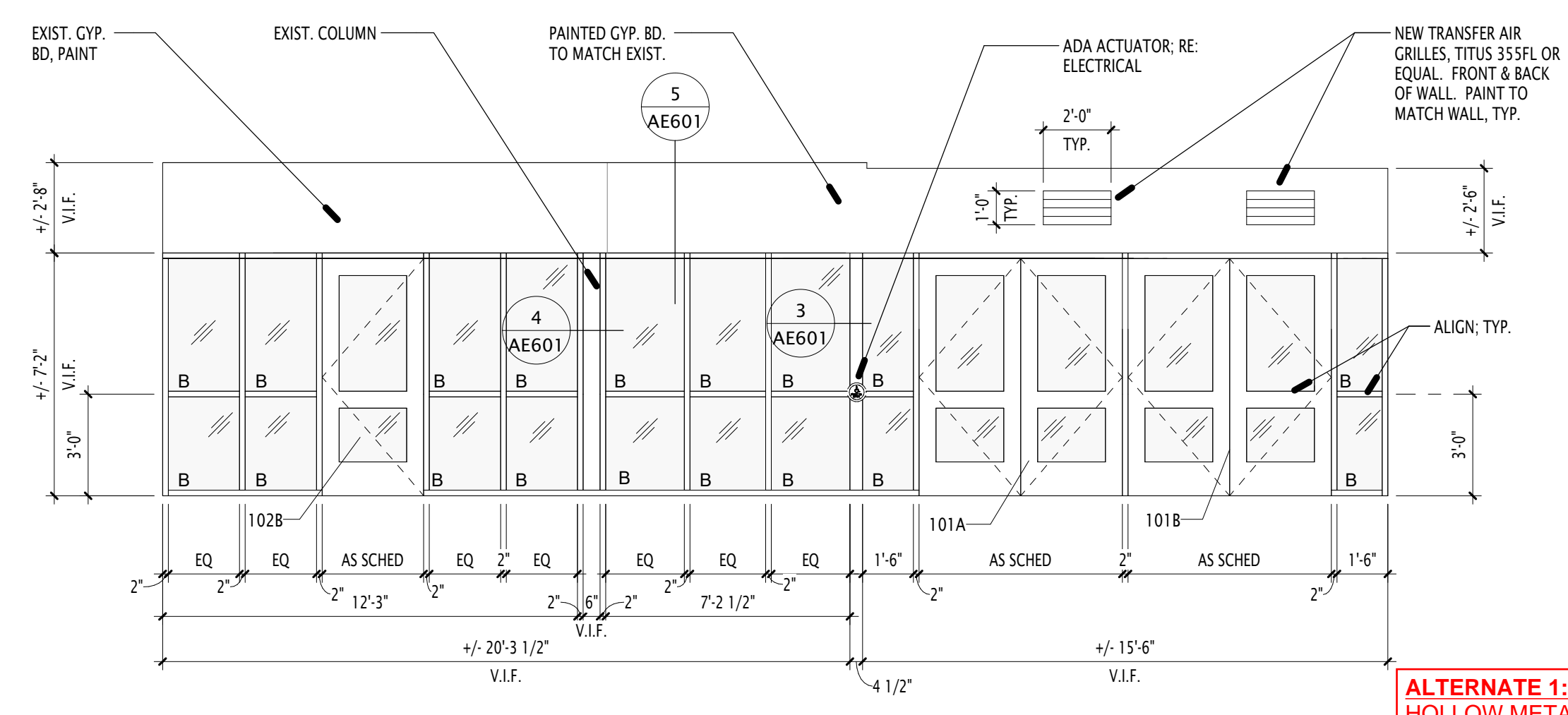


ALTERNATE 1:
HOLLOW METAL FRAME AND
DOORS 101B, 101A, 102C, 102B

2
STOREFRONT ELEVATION
AE601 1/4" = 1'-0"



DOOR TYPE



ALTERNATE 1:
HOLLOW METAL FRAME AND
DOORS 101B, 101A, 102C, 102B

1
STOREFRONT ELEVATION - HALLWAY
AE601 1/4" = 1'-0"

GSD SECURITY
REMODEL
SILVER HILLS ELEMENTARY

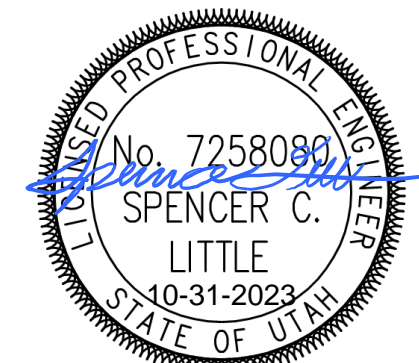
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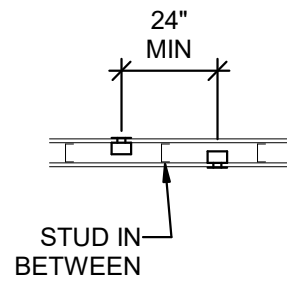
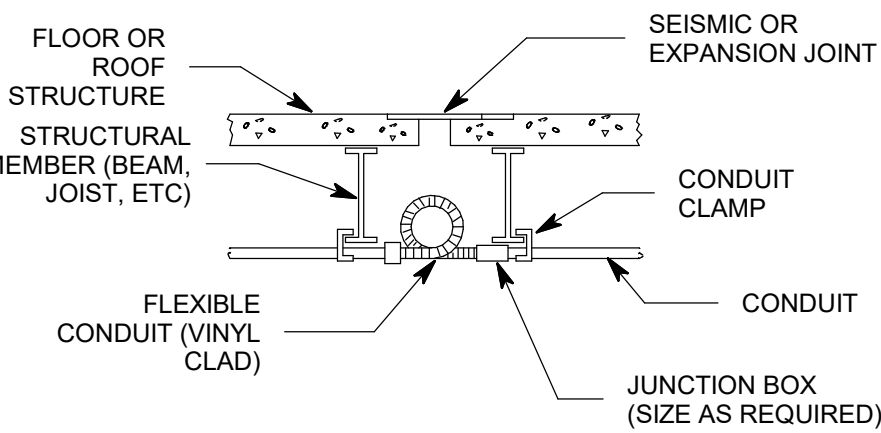
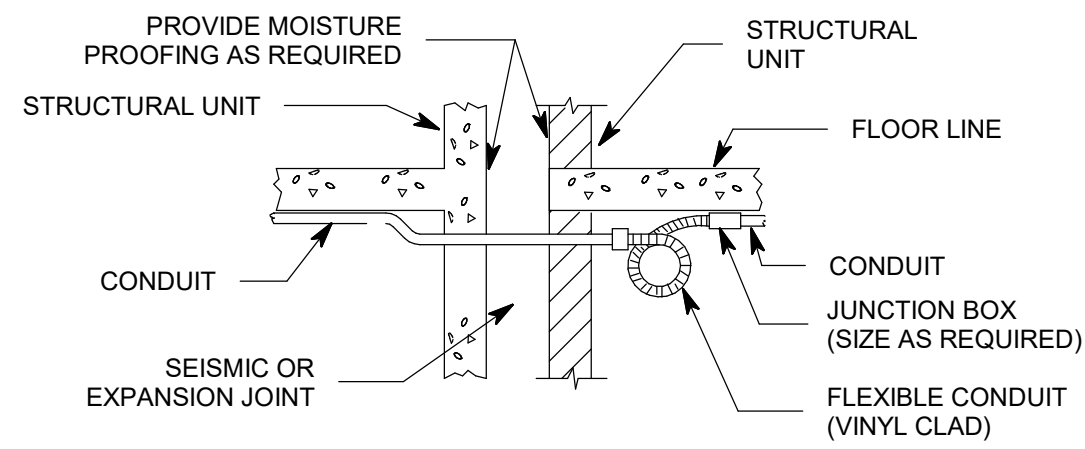
DOOR SCHEDULE &
DETAILS

REVISIONS:



GENERAL PROJECT NOTES	GENERAL SHEET NOTES
1 THESE GENERAL NOTES APPLY TO ALL ELECTRICAL AND SPECIAL SYSTEMS DRAWINGS. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL ELECTRICAL AND SPECIAL SYSTEMS SPECIFICATIONS AND REQUIREMENTS.	1 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.
2 REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL ROOM INTERIOR ELEVATIONS. COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.	2 LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
3 CONTRACTOR IS RESPONSIBLE FOR ALL LINE VOLTAGE AS PART OF THIS PROJECT. PROVIDE LINE VOLTAGE REQUIRED TO ALL SYSTEMS PROVIDED AS PART OF THIS PROJECT. COORDINATE WITH ALL OTHER DISCIPLINES AND DRAWINGS.	3 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.
4 CONTRACTOR IS RESPONSIBLE FOR ALL DEVICES, GEAR, CABLE, CONDUCTORS, TERMINATIONS, OVERCURRENT PROTECTION DEVICES, AND HEAD END EQUIPMENT AS PART OF THIS PROJECT.	4 MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
5 ALL RACEWAYS SHALL BE CONCEALED IN WALLS, FLOORS, AND CEILING UNLESS OTHERWISE NOTED. INSTANCES WHERE EXPOSED OR SURFACE MOUNTED RACEWAYS IS REQUIRED A ROUTING SKETCH SHALL BE PROVIDED TO ARCHITECT AND ENGINEER. RACEWAY TYPE SHALL BE SELECTED BY ENGINEER. FINISH OF RACEWAY SHALL BE SELECTED BY ARCHITECT.	5 SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
6 SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTOR FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRE STOPPING MATERIALS, AND REQUIREMENTS.	6 LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
7 PROVIDE NEW CIRCUIT BREAKERS IN EXISTING PANEL FOR ALL NEW CIRCUITS. FIELD VERIFY PANELBOARD TYPE AND BREAKER TYPE.	7 VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
8 PROVIDE ELECTRICAL CONNECTION TO MOTORIZED DOORS WITH ALL POWER AND CONTROL WIRING PER MANUFACTURERS WRITTEN INSTRUCTIONS. COORDINATE OPERATION OF DOORS WITH SECURITY, FIRE, AND SMOKE CONTROL SEQUENCES OF OPERATION.	8 LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.
9 INSTALLATION SHOULD BE IN ACCORDANCE WITH THE NFPA "NATIONAL ELECTRICAL CODE."	9 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.
10 ALL RACEWAYS SHALL BE LISTED TAMPER RESISTANT	

NOTE:
TIE WIRE SHALL NOT BE USED AS A COMPONENT OF ANY RACEWAY HANGER SYSTEM.

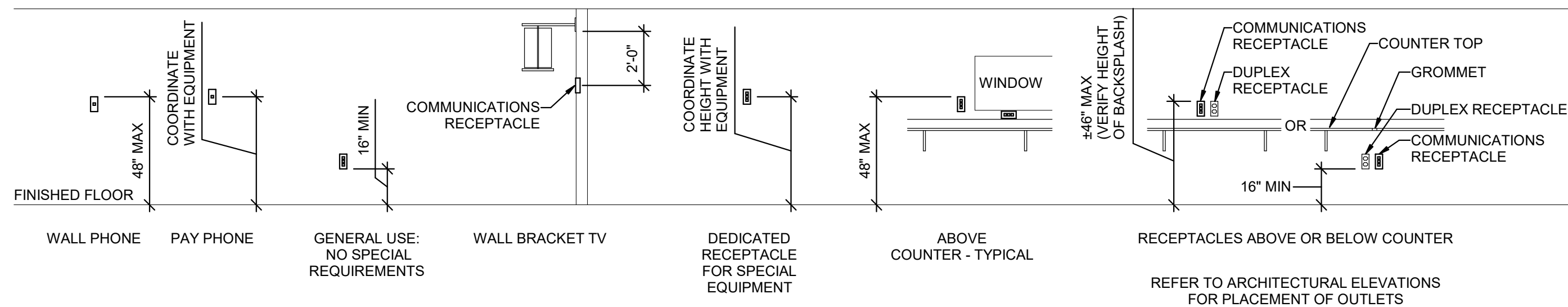


FOR LESS THAN 24" SEPARATION, PROVIDE LISTED SOUND AND FIRE PUTTY PADS

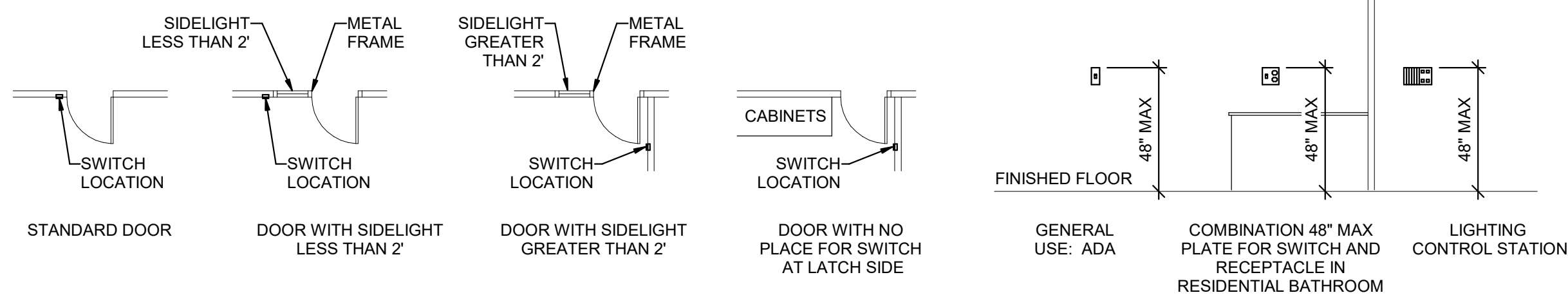
BOXES ON OPPOSITE SIDES OF WALL

3 CONDUIT EXPANSION JOINT DETAIL
EE500 SCALE: NTS

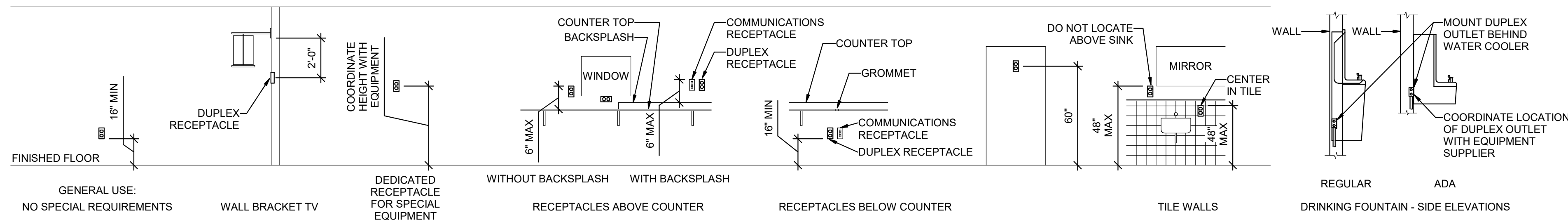
1 BOX MOUNTING DETAILS
EE500 SCALE: NTS



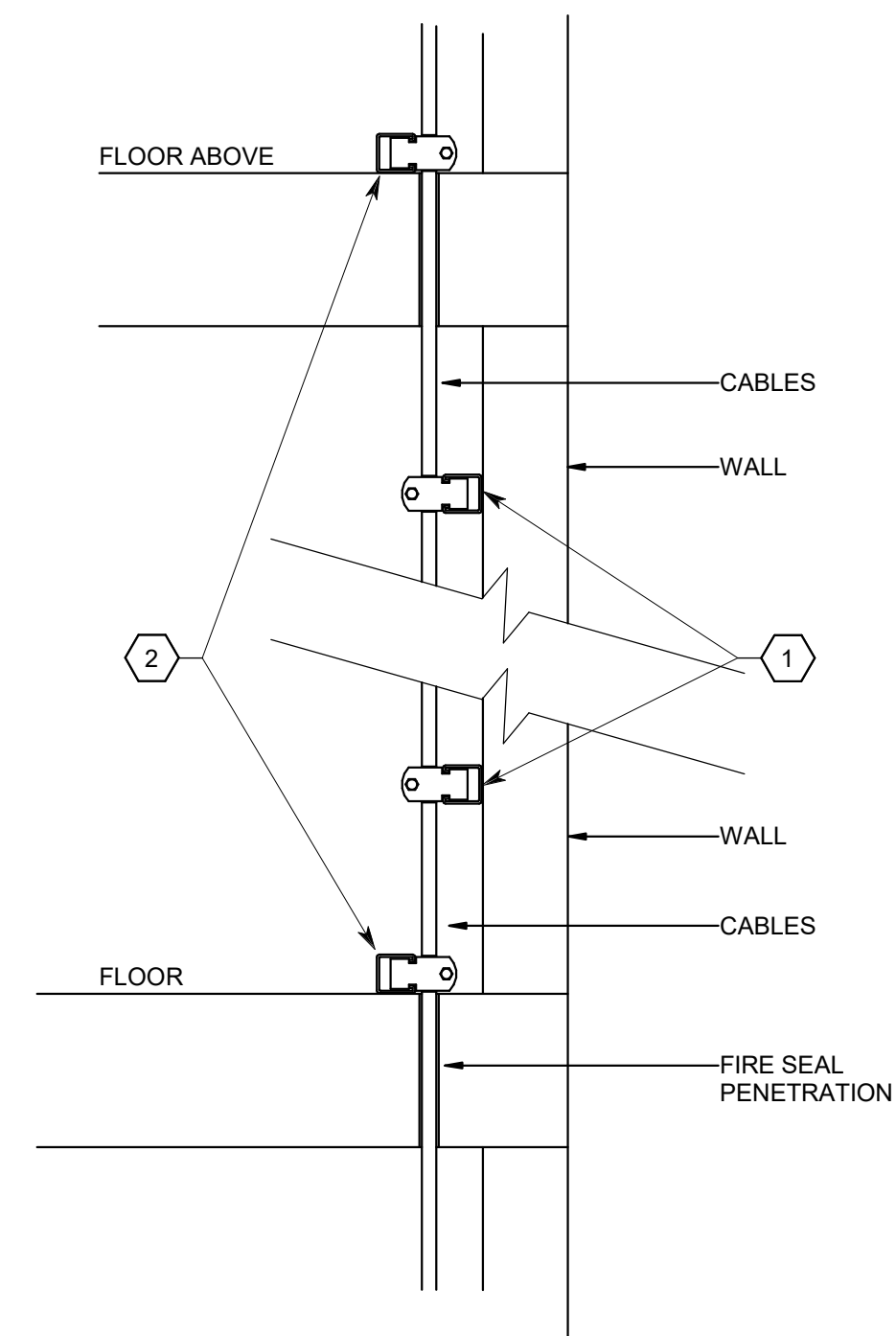
6 COMMUNICATIONS MOUNTING DETAILS
EE500 SCALE: NTS



5 SWITCH MOUNTING DETAILS
EE500 SCALE: NTS



4 RECEPTACLE MOUNTING DETAILS
EE500 SCALE: NTS



2 CABLE SUPPORT DETAIL
EE500 SCALE: NTS

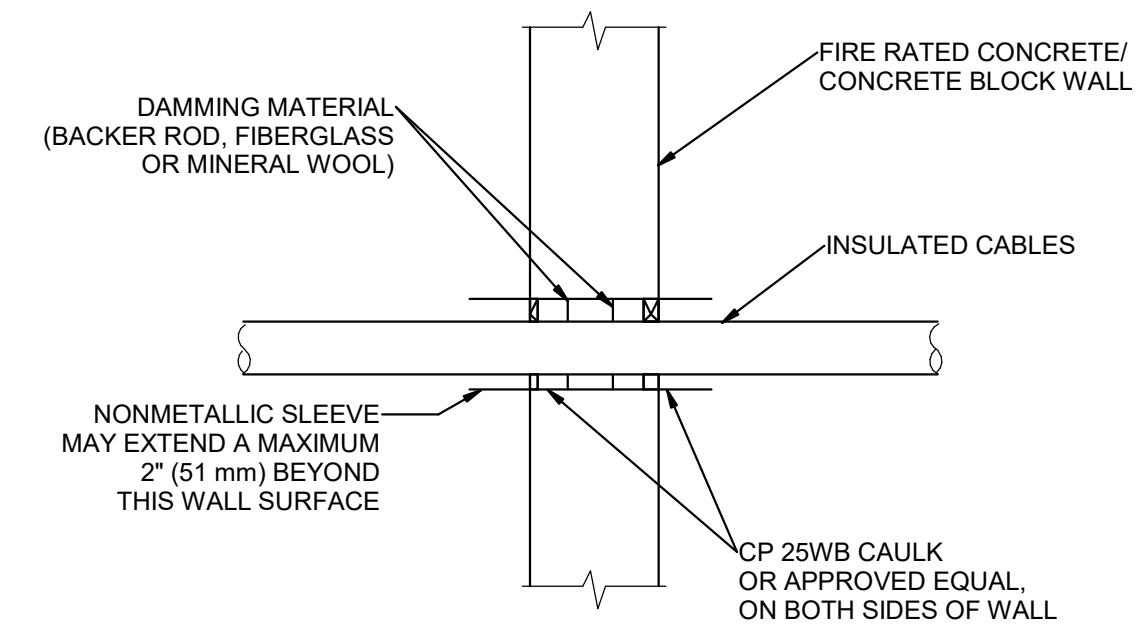
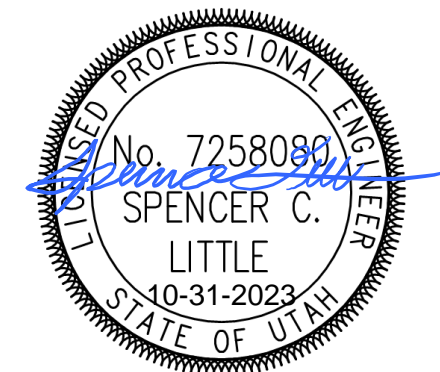
GSD SECURITY REMODEL

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SALT LAKE CITY, UT 84118

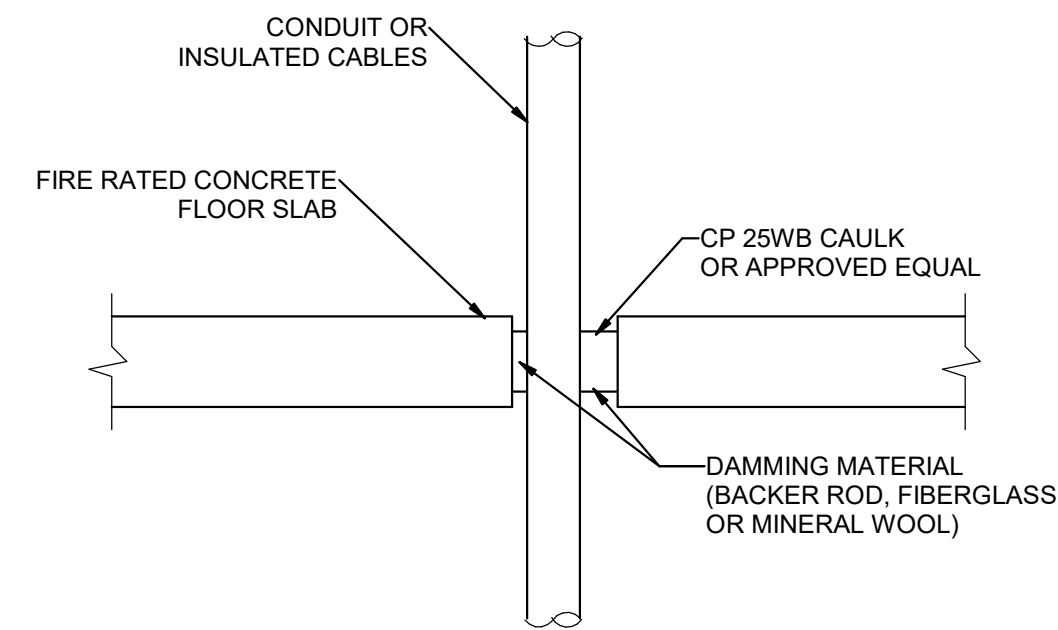
2500 SOUTH STATE STREET, SALT LAKE CITY, UT 84115
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TYPICAL MOUNTING DETAILS

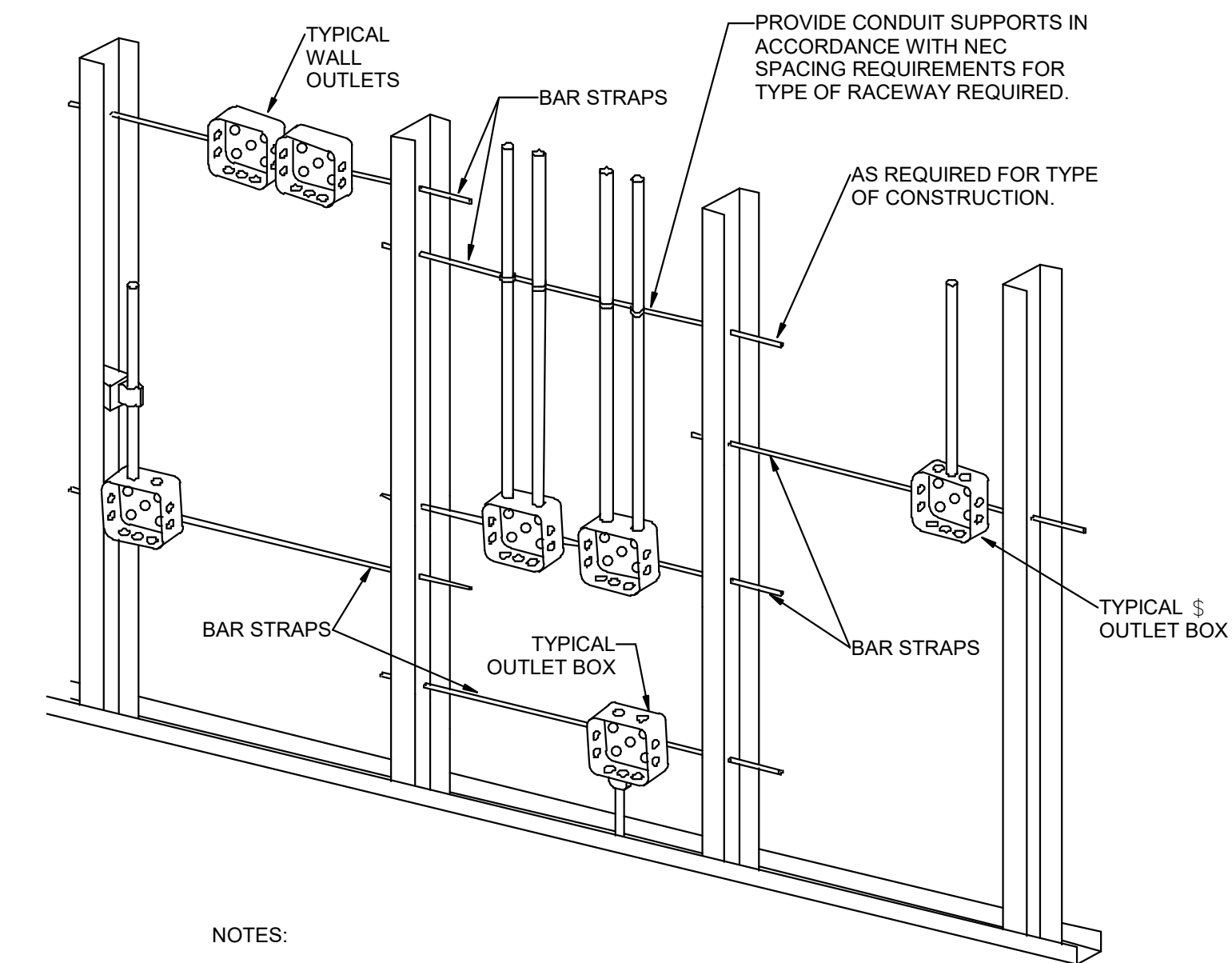
REVISIONS:



3
EE501 SCALE: NTS
TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE WALLS

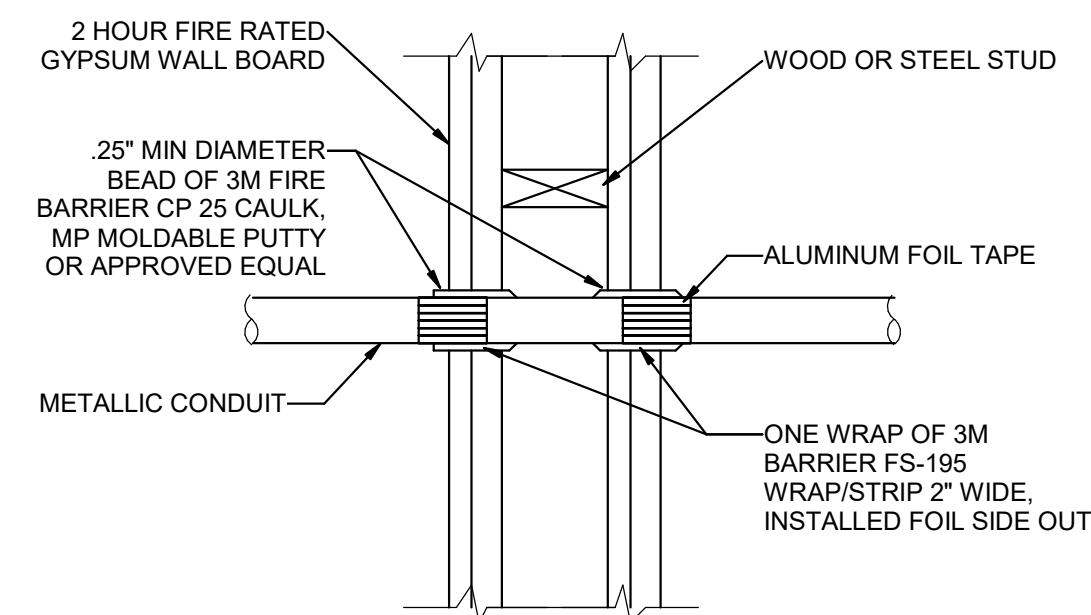


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EE501 SCALE: NTS
TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING

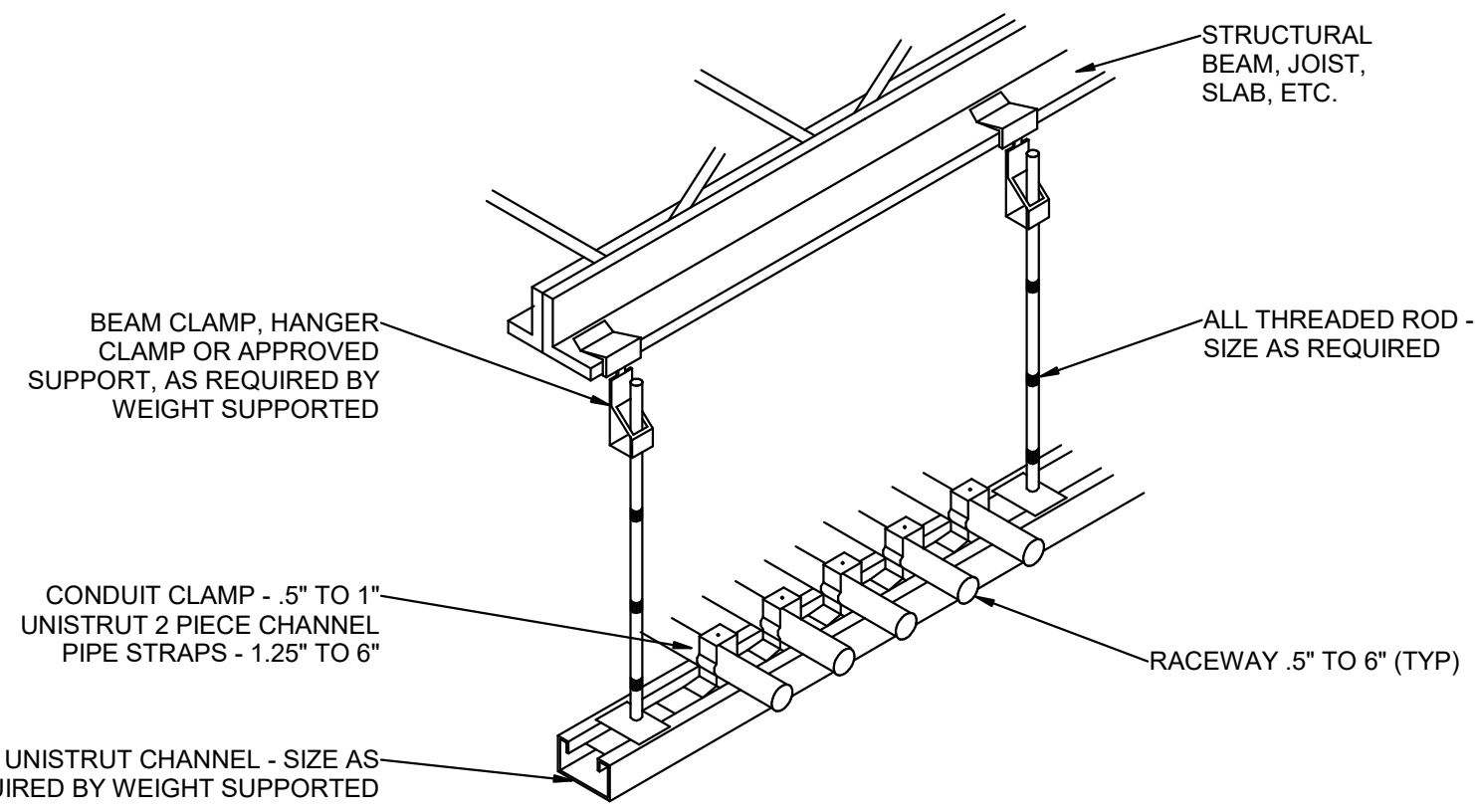


- NOTES:
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
 2. PLASTER RINGS NOT SHOWN.
 3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
 4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS 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.

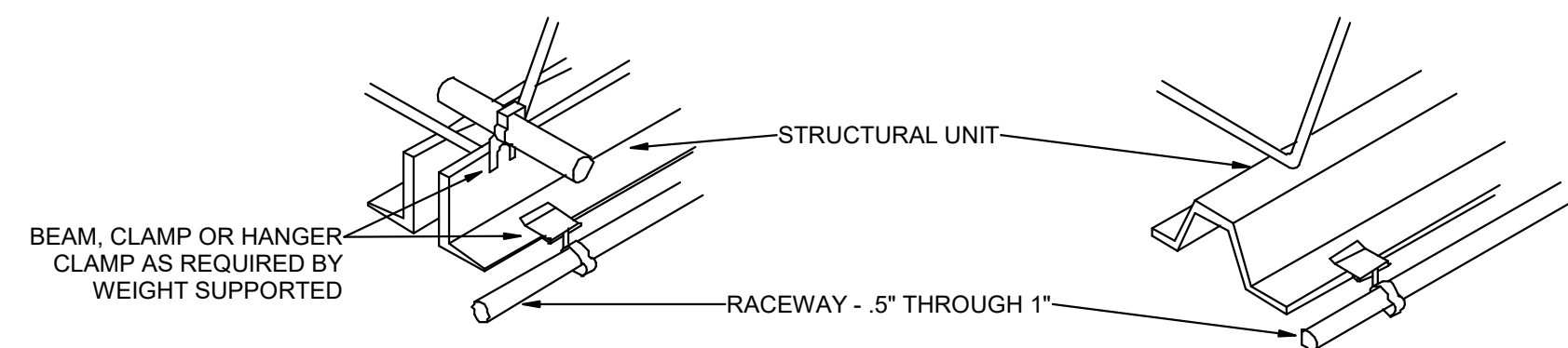
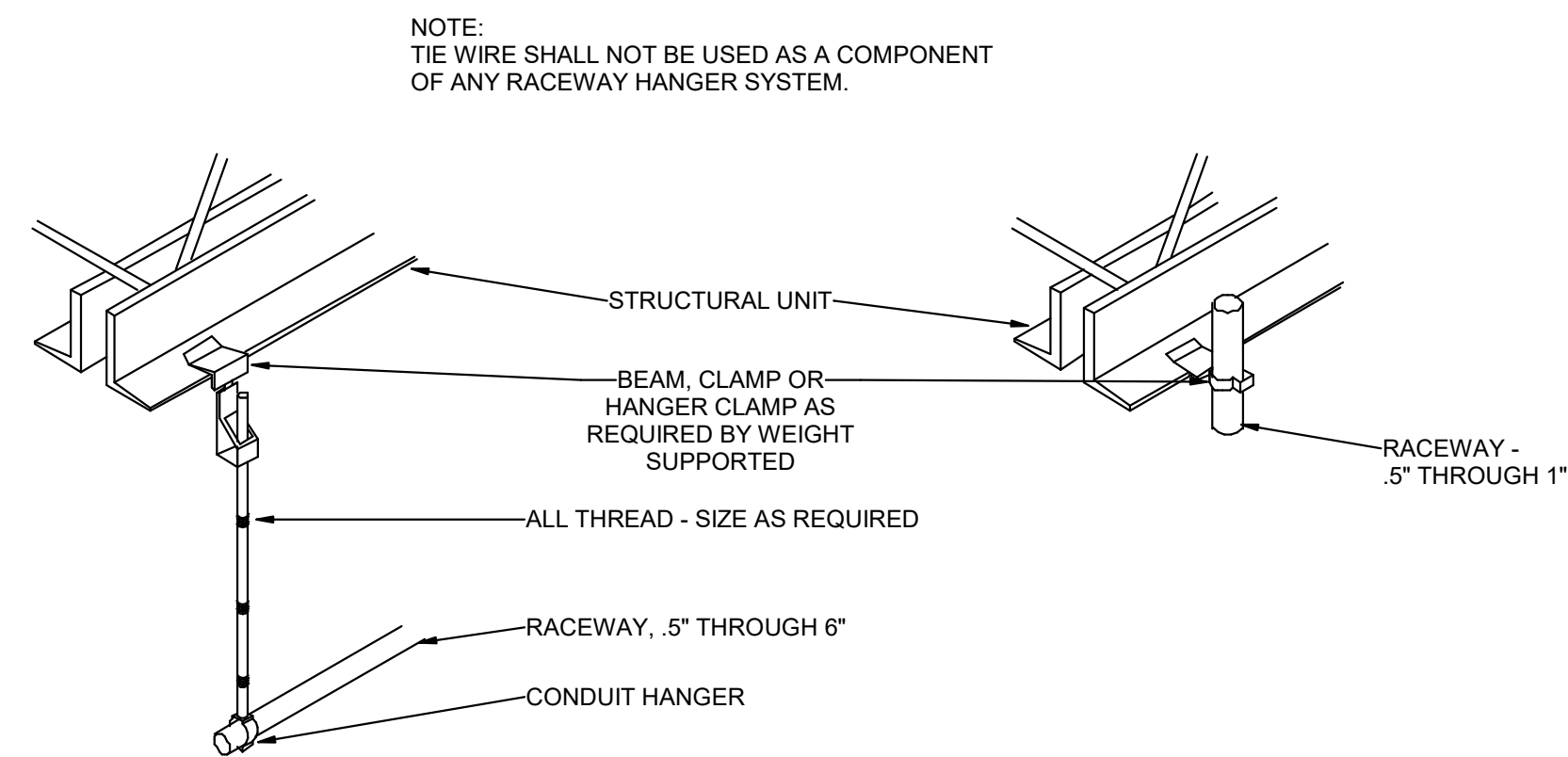
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EE501 SCALE: NTS
TYPICAL ROUGH-IN REQUIREMENTS DETAIL



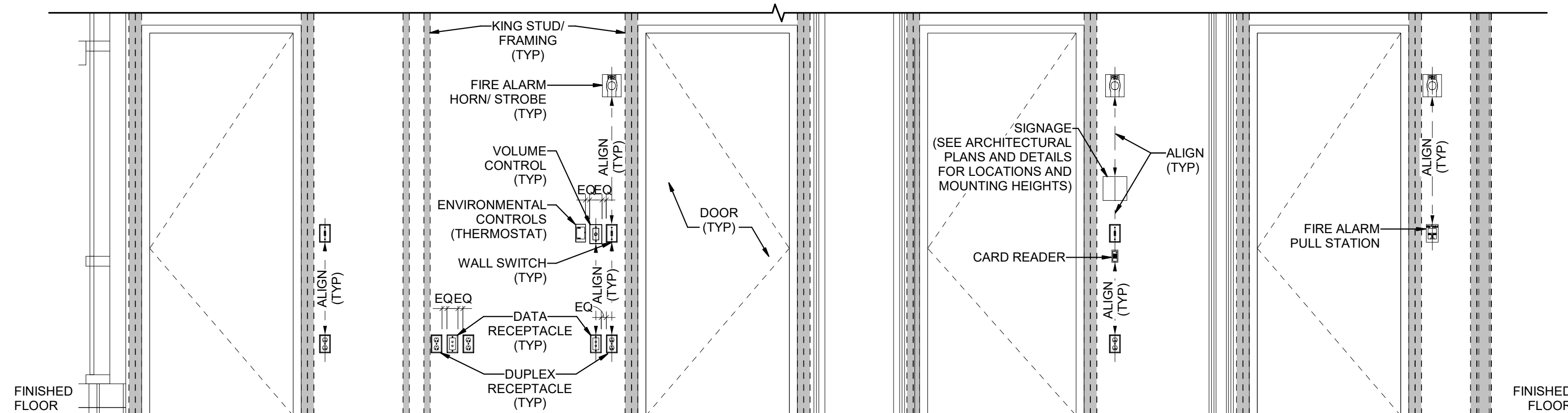
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EE501 SCALE: NTS
FIRE STOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD



7
EE501 SCALE: NTS
TYPICAL CONDUIT RACK DETAIL



6
EE501 SCALE: NTS
TYPICAL RACEWAY SUPPORT METHODS DETAIL



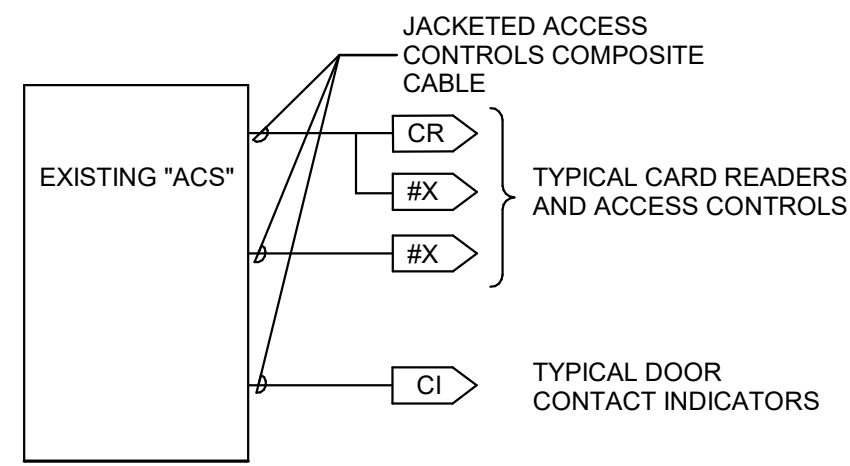
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EE501 SCALE: NTS
TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL

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ELECTRICAL DETAILS

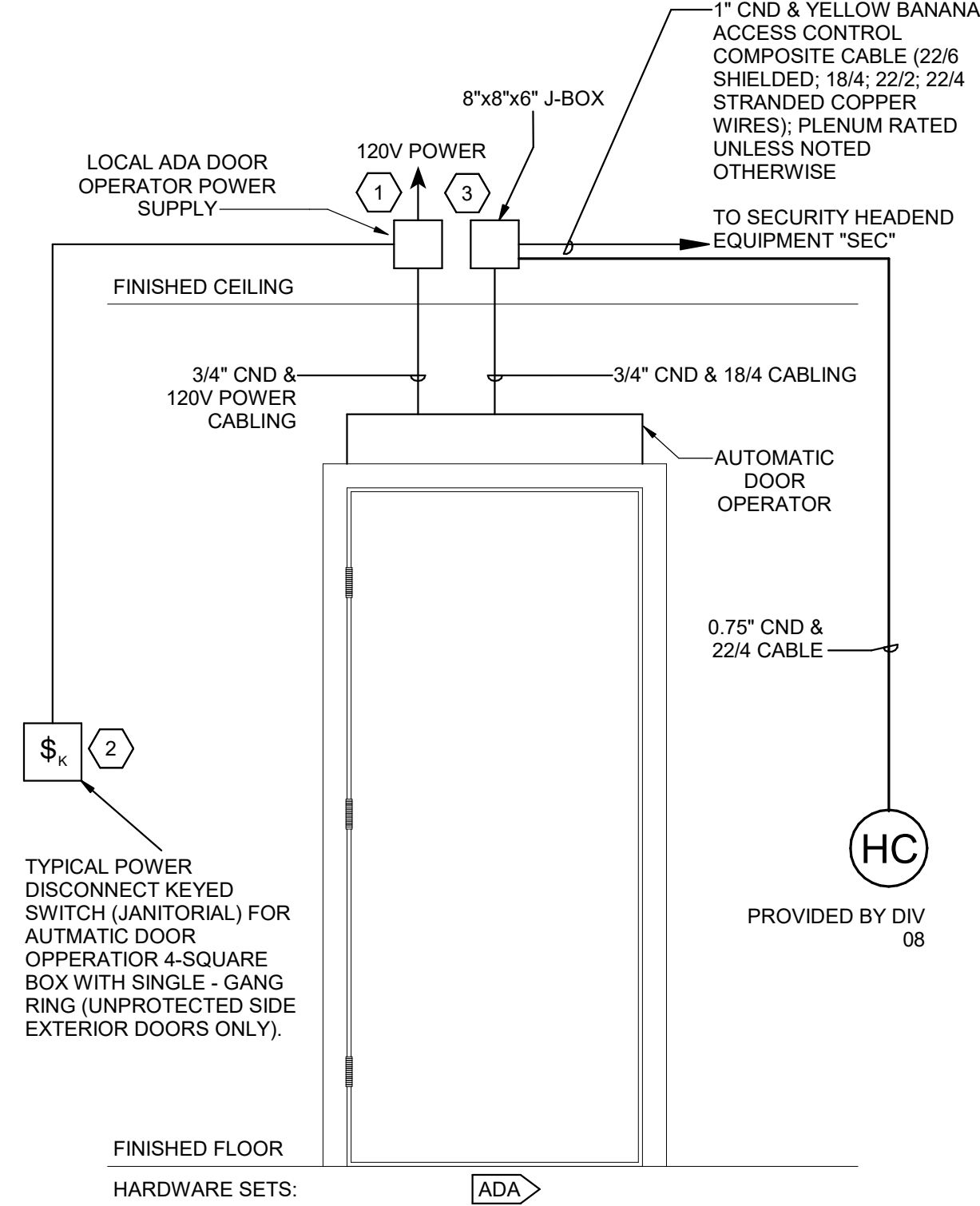
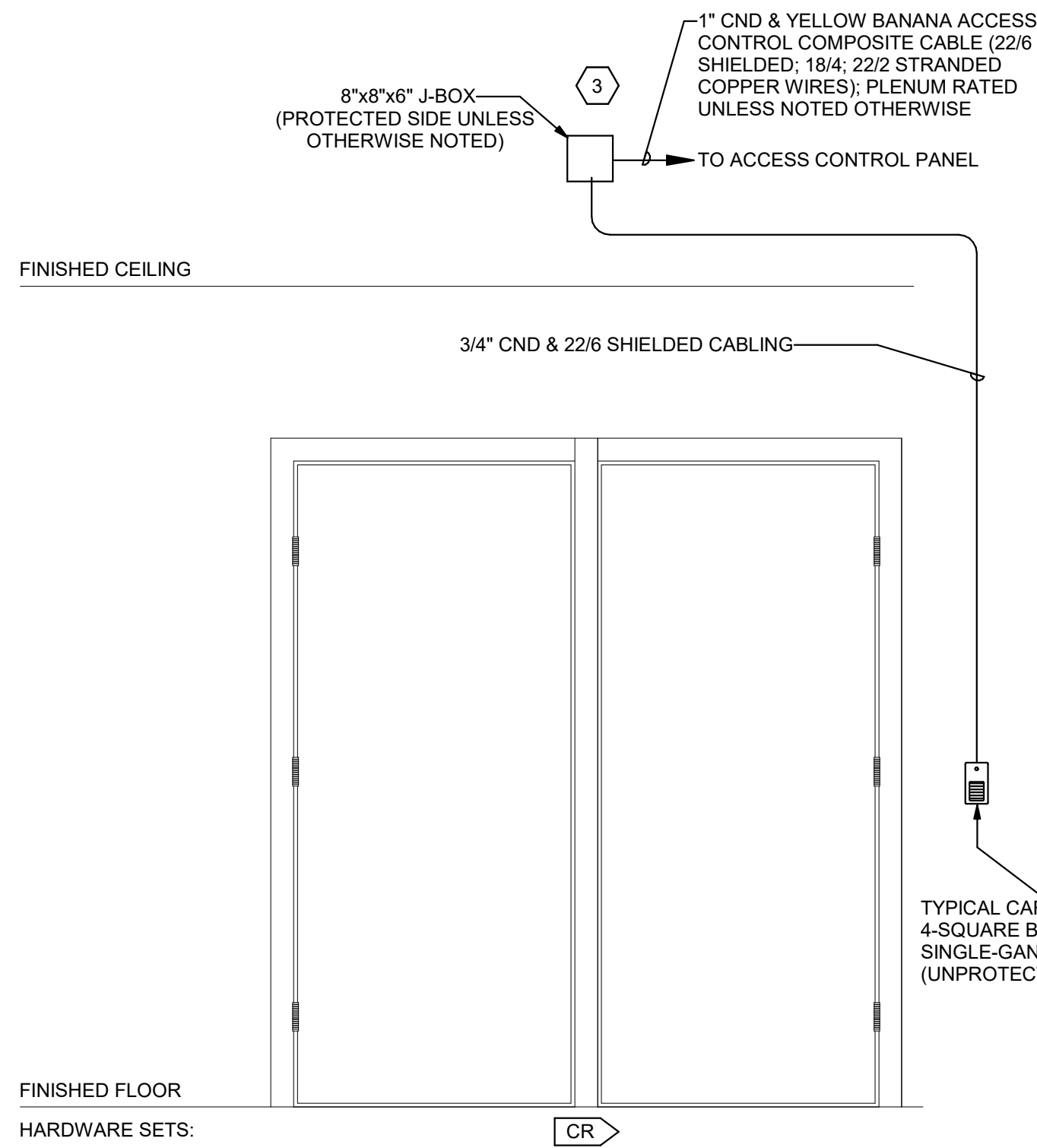
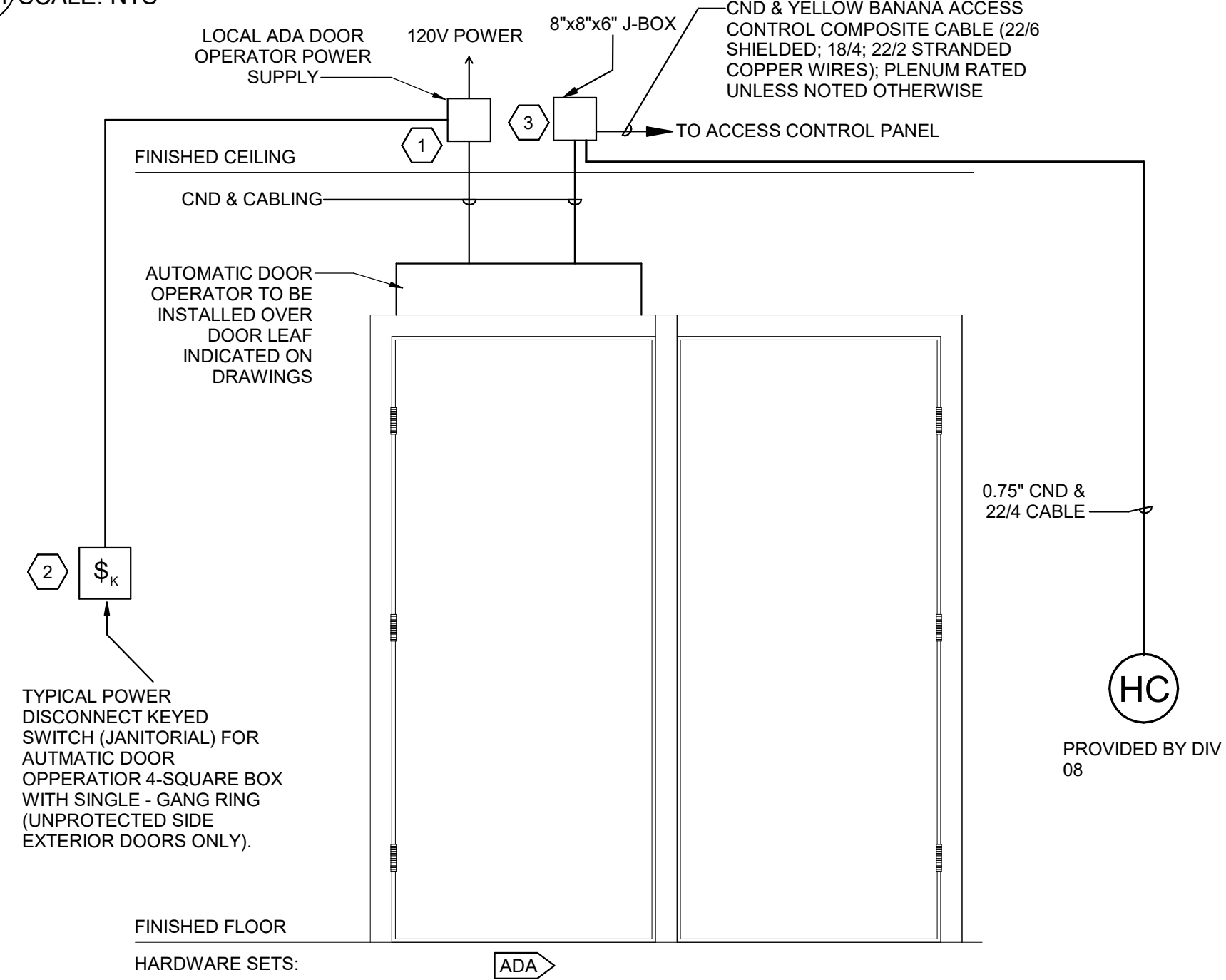


NOTE: CONTRACTOR TO PROVIDE SECURITY DEVICES AT DOORS AND RUN CABLES BACK TO ACS TERMINAL. OWNER TO TERMINATE CABLES AT ACS TERMINAL.

AUXILIARY ACCESS CONTROLS RISER DIAGRAM

8

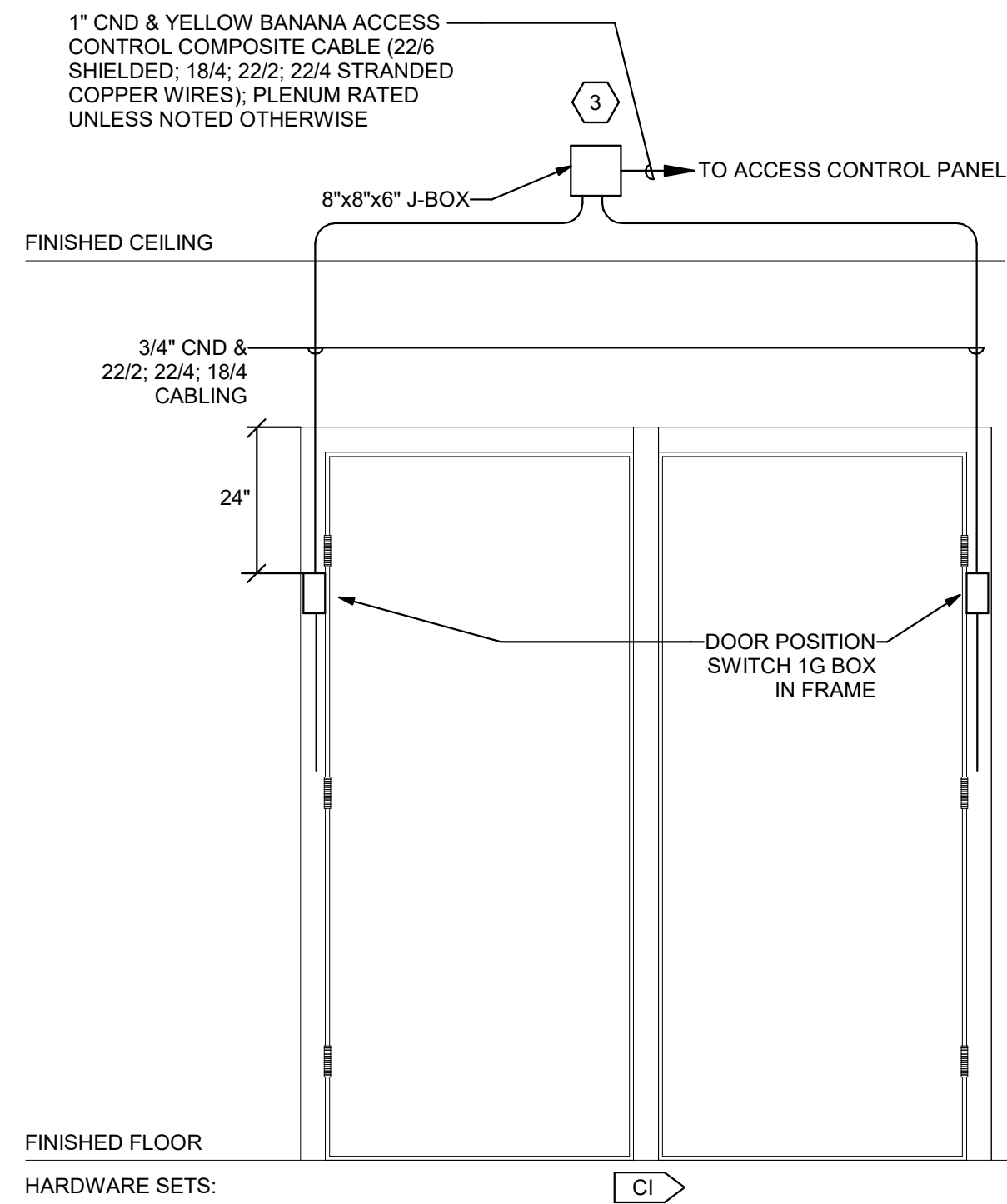
EE601 SCALE: NTS



DOUBLE DOOR ADA AUTOMATIC DOOR OPERATOR DETAIL

7

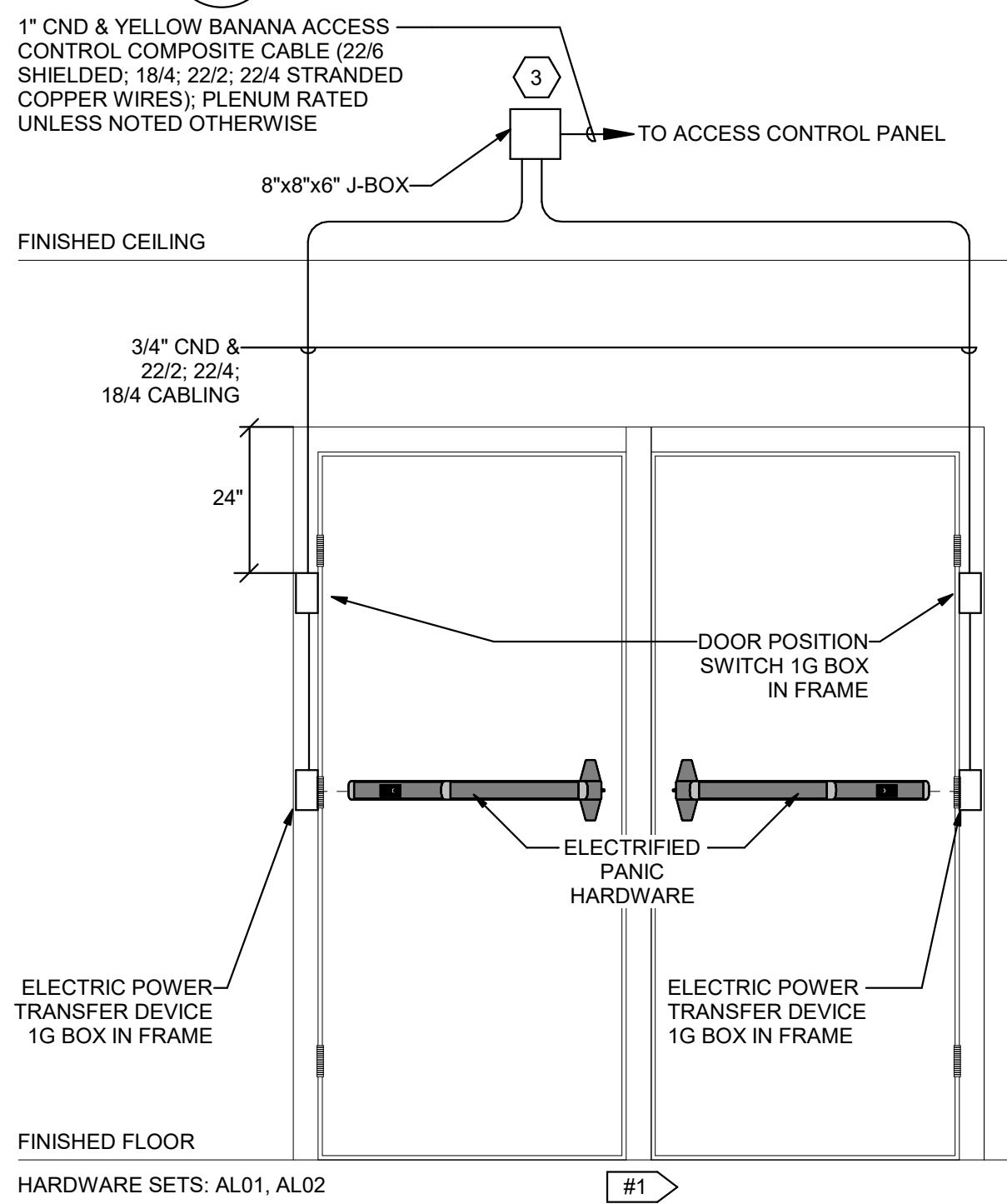
EE601 SCALE: NTS



DOUBLE DOOR CARD READER DEVICE DETAIL

4

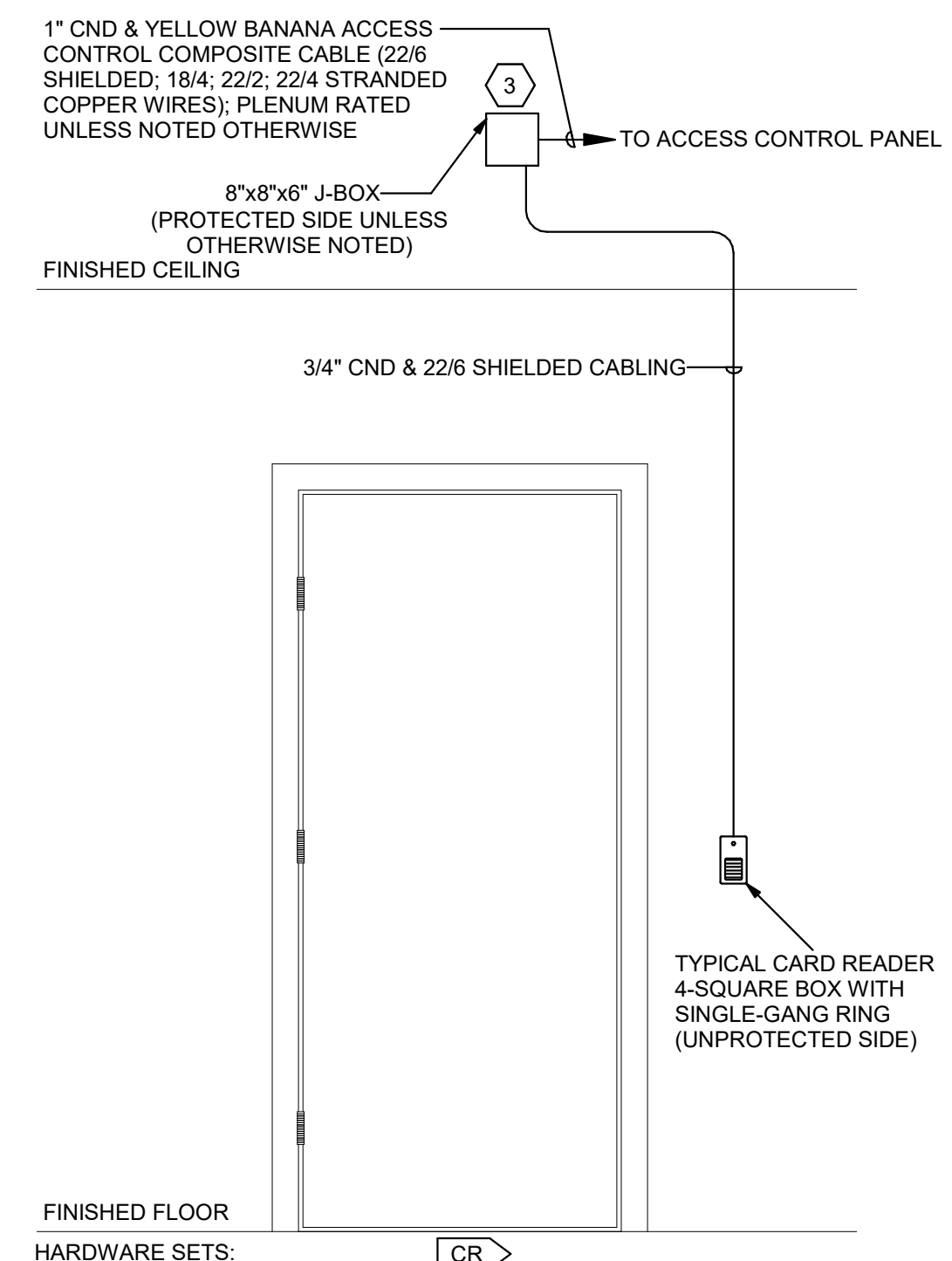
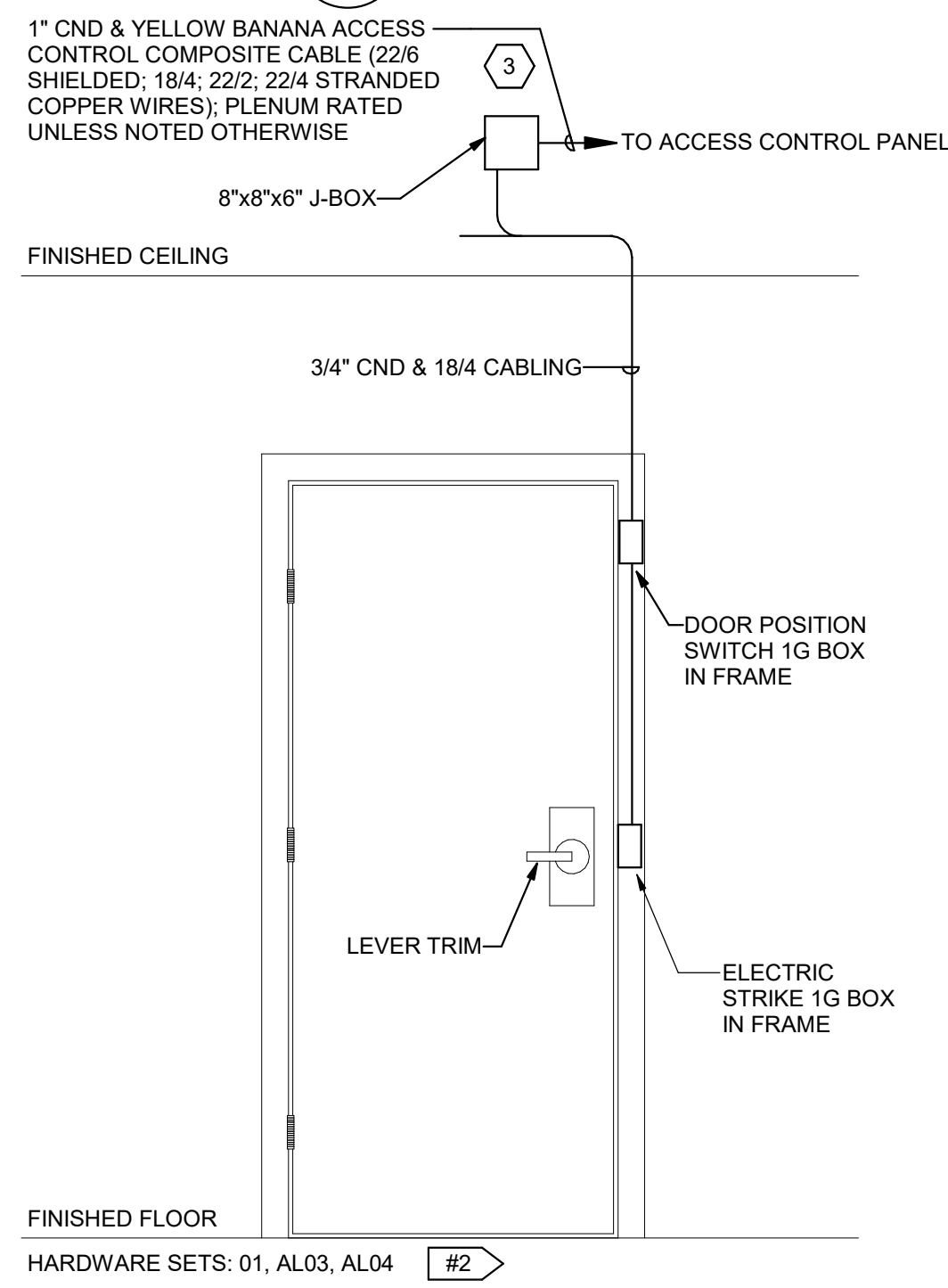
EE601 SCALE: NTS



SINGLE DOOR ADA AUTOMATIC DOOR OPERATOR DETAIL

2

EE601 SCALE: NTS



DOUBLE DOOR CONTACT INDICATOR

6

EE601 SCALE: NTS

DOUBLE DOOR ELECTRIFIED LATCH EXIT DEVICE DETAIL

5

EE601 SCALE: NTS

SINGLE DOOR ELECTRIC STRIKE DOOR DETAIL

3

EE601 SCALE: NTS

SINGLE DOOR CARD READER DEVICE DETAIL

1

EE601 SCALE: NTS

SHEET KEYNOTES	
1	J-BOX SHALL BE LOCATED IN ACCESSIBLE LOCATION ABOVE CEILING.
2	PROVIDE IN-LINE JANITORIAL KEY SWITCH FOR DISCONNECTING POWER DOOR OPERATOR.
3	PROVIDE ACCESS CONTROL J-BOX LOCATED IN ACCESSIBLE LOCATION ABOVE CEILING FOR EACH DOOR.

ABBREVIATIONS LIST

4SQ	= FOUR SQUARE JUNCTION BOX
1G	= SINGLE GANG
ACC	= ACCESSIBLE
ACS	= ACCESS CONTROL SYSTEM CONTROLLER
ADA	= ASSISTED DISABILITY OPENER (AUTOMATIC DOOR OPENER)
CC	= CENTRAL CONTROL
CI	= DOOR CONTACT INDICATOR SWITCH
CR	= CARD READER
EPT	= POWER TRANSFER OR ELECTRIC HINGE
EL	= ELECTRIC LOCKSET
ES	= ELECTRIC STRIKE
FA	= FIRE ALARM SYSTEM
L/PS	= LOCK POWER SUPPLY
LS	= LOCK INDICATOR SWITCH IN HARDWARE
LX	= PANIC HARDWARE LATCH POSITION SWITCH
MD	= MOTION DETECTOR
ML	= ELECTROMAGNETIC LOCK
PB	= PUSH BUTTON
PH	= PANIC HARDWARE (CRASH BAR)
PS	= POWER SUPPLY
REX	= REQUEST TO EXIT SWITCH/FUNCTION
RS	= REMOTE SWITCH
TLC	= TIME/CALENDAR SCHEDULE IN ACS

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.791

www.gsbsarchitects.com

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

REVISIONS:

NO.	DESCRIPTION

PROFESSIONAL ENGINEER

No. 7258080

SPENCER C. LITTLE

10-31-2023

STATE OF UTAH

GSD SECURITY REMODEL

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AUXILIARY DIAGRAMS

EE601 REV

TELECOMMUNICATIONS SYSTEMS:

ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT GUIDELINES PUBLISHED BY THE EIA/TIA STANDARD 568 AND 569. WORK INCLUDES ALL LABOR AND MATERIAL FOR INSTALLATION OF A COMPLETE VOICE AND DATA STRUCTURED CABLE INFRASTRUCTURE. FINAL SYSTEM SHALL BE TESTED AND MUST MEET ALL CURRENT EIA/TIA PERFORMANCE STANDARDS FOR CATEGORY 6 CABLING.

HORIZONTAL STRUCTURED CABLE SHALL BE UTP, 4-PAIR, 24 AWG SOLID COPPER CATEGORY 6 CABLE; BELDEN OR EQUIVALENT. ALL CABLING SHALL BE PLENUM RATED.

UTP CABLES SHALL TERMINATE ON RACK MOUNTED 110 TYPE UTP TERMINATING CATEGORY 6 MODULAR RJ-45 PATCH PANELS.

PATCH PANELS SHALL BE PROVIDED WITH A MINIMUM OF 50% SPARE CAPACITY. HORIZONTAL RACK MOUNT WIRE MANAGEMENT PANELS SHALL BE INSTALLED FOR EACH 48 JACK PATCH PANEL. CROSS CONNECTS SHALL BE BY OWNER.

DATA OUTLETS SHALL BE 2 PORT WITH RJ-45 JACKS AND BLANK INSERTS AS NOTED ON DRAWINGS. TWO JACKS MINIMUM PER PLATE, PROVIDE ADDITIONAL JACKS WHERE A NUMERIC DESIGNATION ON THE PLANS INDICATED MORE. WIRING CONFIGURATION AND LABELING SHALL BE COORDINATED WITH OWNER.

CABLING SHALL BE INSTALLED IN CONDUIT WHERE CONCEALED IN WALLS OR NON-ACCESSIBLE CEILINGS.

CABLING SHALL BE SUPPORTED WITH J-HOOKS WHERE INSTALLED ABOVE ACCESSIBLE CEILING SPACES.

CABLING SHALL BE INSTALLED UNINTERRUPTED FROM JACK TO PATCH PANEL, SPLICES ARE NOT PERMITTED.

ALL METALLIC TRAY, RACKS, RACEWAY, AND ENCLOSURES INCLUDING THOSE PROVIDED BY OWNER SHALL BE PROPERLY BONDED TO THE TELECOM GROUNDING SYSTEM. USE #6 MINIMUM GROUNDING CONDUCTOR TO BOND ALL EQUIPMENT TO THE GROUNDING SYSTEM.

DRAWINGS INDICATING A LARGER SIZE CONDUCTOR SHALL TAKE PRECEDENCE.

TEST ALL UTP CABLES FROM JACK TO PATCH PANEL, CONFIRM RESULTS MEET REQUIRED PERFORMANCE STANDARDS, AND PROVIDE WRITTEN COPY OF APPROVED TEST RESULTS TO OWNER. REPLACE AND REMEDIATE ANY CABLES THAT DO NOT MEET PERFORMANCE STANDARDS AND RETEST UNTIL COMPLIANCE IS ACHIEVED.

EQUIPMENT/CABLE LIST

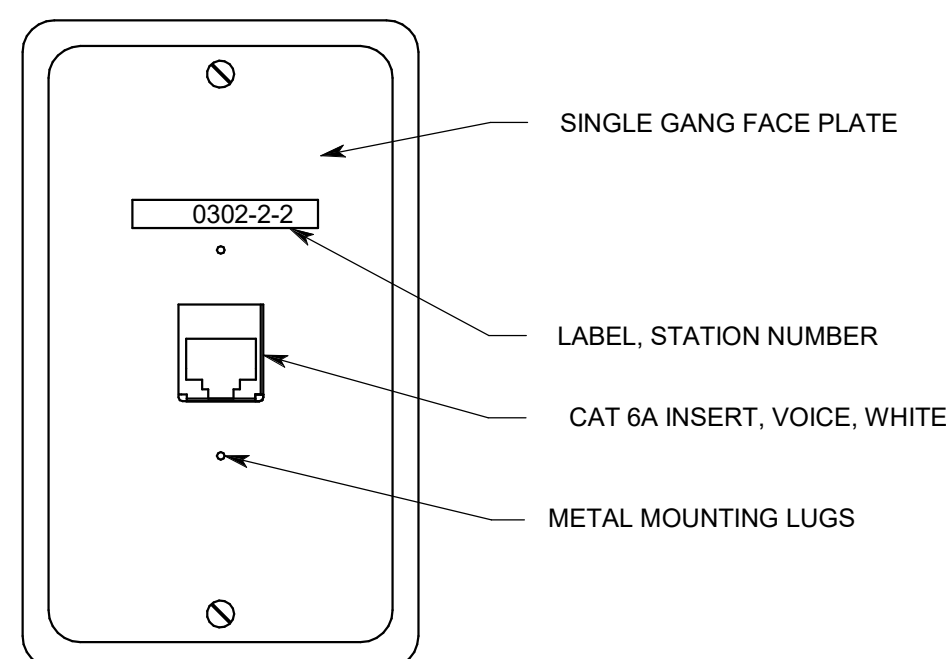
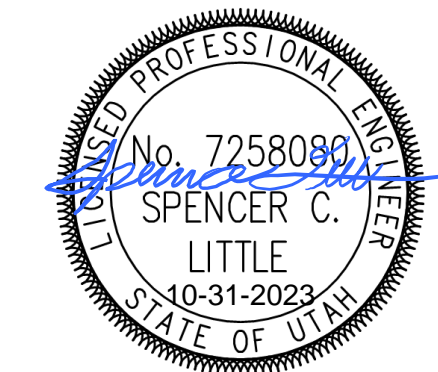
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
▼	DATA OUTLET, SINGLE GANG FACEPLATE, COLOR SELECTED BY ARCHITECT/DISTRICT IT, 2 POSITION	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	CATEGORY 6A JACK - DATA, COLOR SELECTED BY DISTRICT IT	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	BLANK INSERT, COLOR SELECTED BY ARCHITECT/DISTRICT IT	COMMSCOPE, PANDUIT, LEVITON, BELDEN
▼ 2	DATA OUTLET, SINGLE GANG FACEPLATE, COLOR SELECTED BY ARCHITECT/DISTRICT IT, 2 POSITION	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	CATEGORY 6A JACK - DATA, COLOR SELECTED BY DISTRICT IT	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	CATEGORY 6A JACK - DATA, COLOR SELECTED BY DISTRICT IT	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION	COMMSCOPE 107984015
	CATEGORY 6A JACK - SECURITY, COLOR SELECTED BY DISTRICT IT	COMMSCOPE 760092379

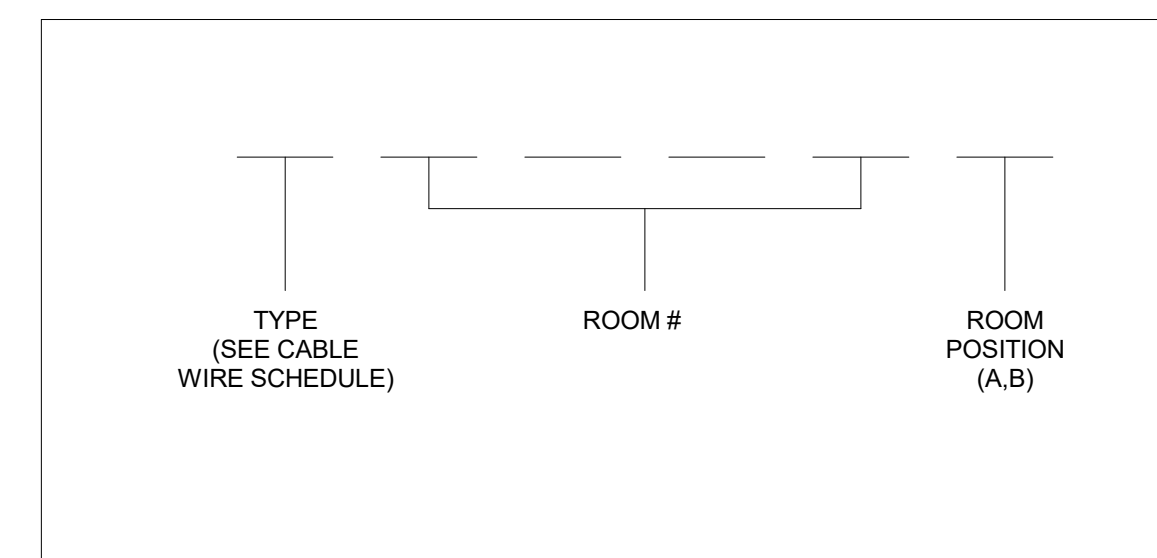
GENERAL LOW VOLTAGE NOTES

- UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
- PROVIDE PLENUM RATED CABLE FOR ALL PLENUM SPACES. VERIFY THAT ANY PATHWAYS INSTALLED IN "WET OR DAMP" LOCATIONS AS DETERMINED BY THE AHJ; SUCH AS PATHWAYS UNDER THE SLAB, ARE SUITABLE FOR THOSE LOCATIONS AND THAT THE SPECIFIED CABLING SYSTEMS ARE ALSO SUITABLE FOR THOSE LOCATIONS.
- LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH, ACCORDING TO WRITTEN SPECIFICATION.
- THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
- COORDINATE WITH OWNER I.T. PERSONNEL ON RACK PATCH PANEL DENSITY PRIOR TO ANY CABLE TERMINATION.
- FACEPLATE COLOR WILL BE DETERMINED BY THE ARCHITECT AND OWNER. FACEPLATE COLOR SHOULD MATCH ELECTRICAL FACEPLATE COLOR, UNLESS OTHERWISE SPECIFIED.
- FOR EVERY CABLE PULL SPECIFIED, COIL 10" OF EXCESS CABLE AT THE STATION END FOR FUTURE USE.
- COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.

REVISIONS:

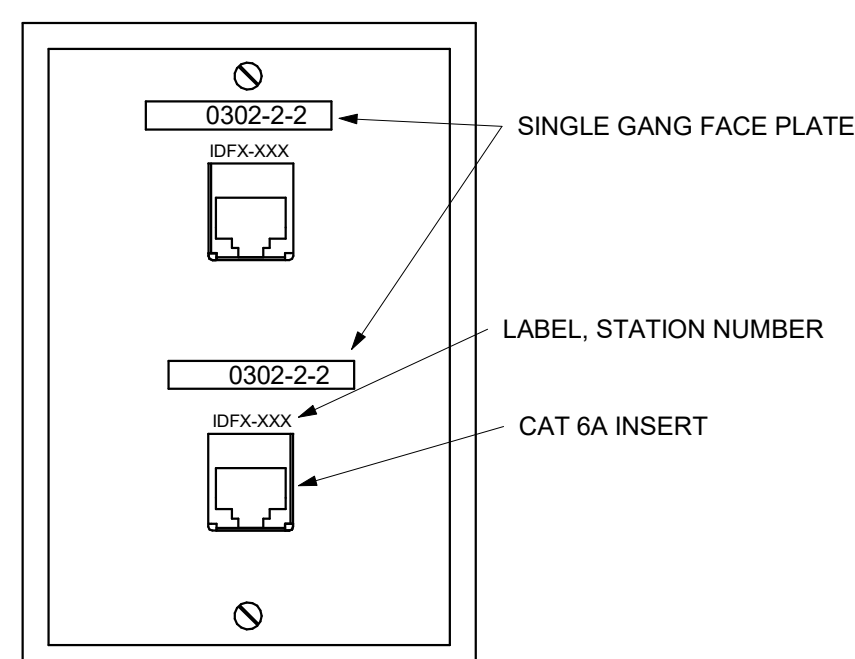


4 TYPICAL OUTLET
EE801 SCALE: NTS

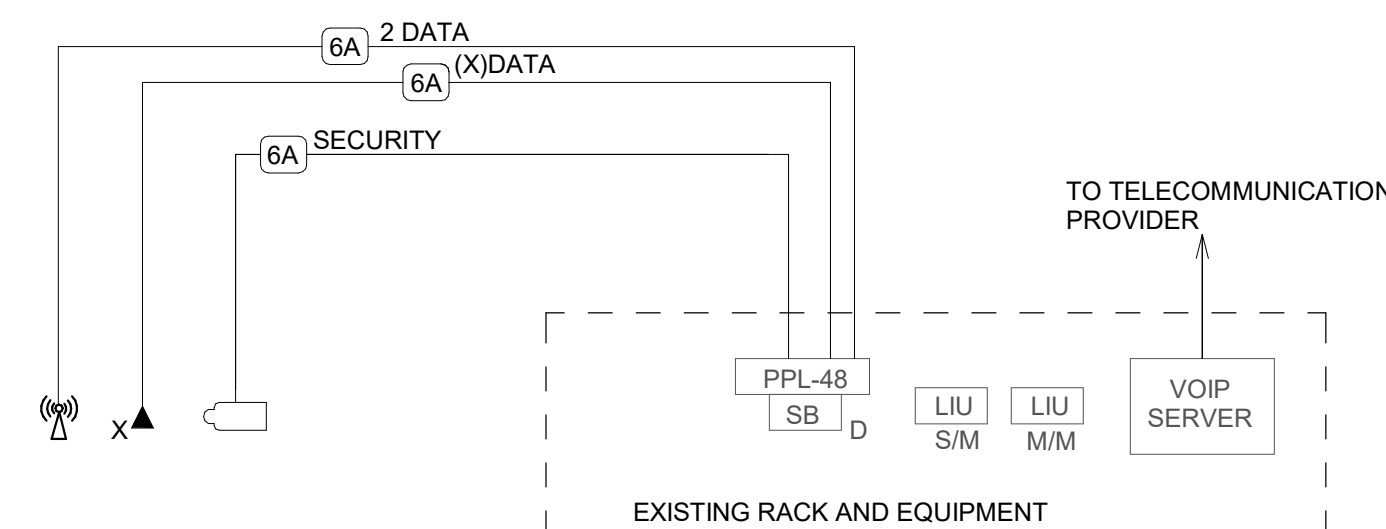


- NOTES:
- ALL CABLE/WIRE, REGARDLESS OF LENGTH, SHALL BE LABELED WITH A UNIQUE IDENTIFYING CODE. LABEL SHALL BE PERMANENT AND SHALL BE MACHINE PRINTED (NOT HAND PRINTED). SUBMIT PROPOSED LABEL MATERIAL FOR APPROVAL.
 - PRIOR TO LABEL CREATION, SUBMIT FOR APPROVAL PROPOSED ROOM NUMBER SCHEME FOR CABLE LABELS.

2 CABLE LABEL DETAIL
EE801 SCALE: NTS



3 TYPICAL 2 DATA OUTLET
EE801 SCALE: NTS



- NOTES:
- EQUIPMENT SHOWN AS HALF TONE ARE PROVIDED BY OTHERS OR EXISTING
 - "X" SUBSCRIPT SHALL MATCH NUMBER SHOWN IN PLAN VIEW. PROVIDE SAID NUMBER OF CABLES.

1 CABLE RISER DIAGRAM
EE801 SCALE: NTS

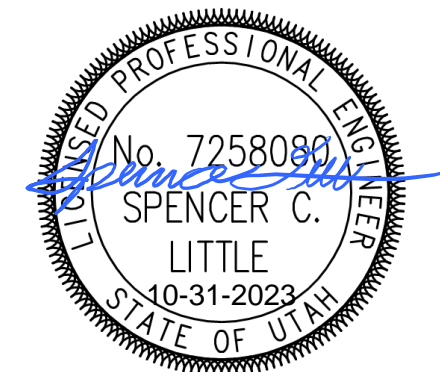
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GSBS PROJECT NO.: 2023.030.00
ISSUED DATE: 10/31/2023

TELECOM DETAILS

REVISIONS:

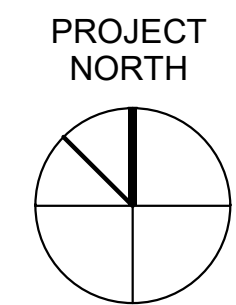
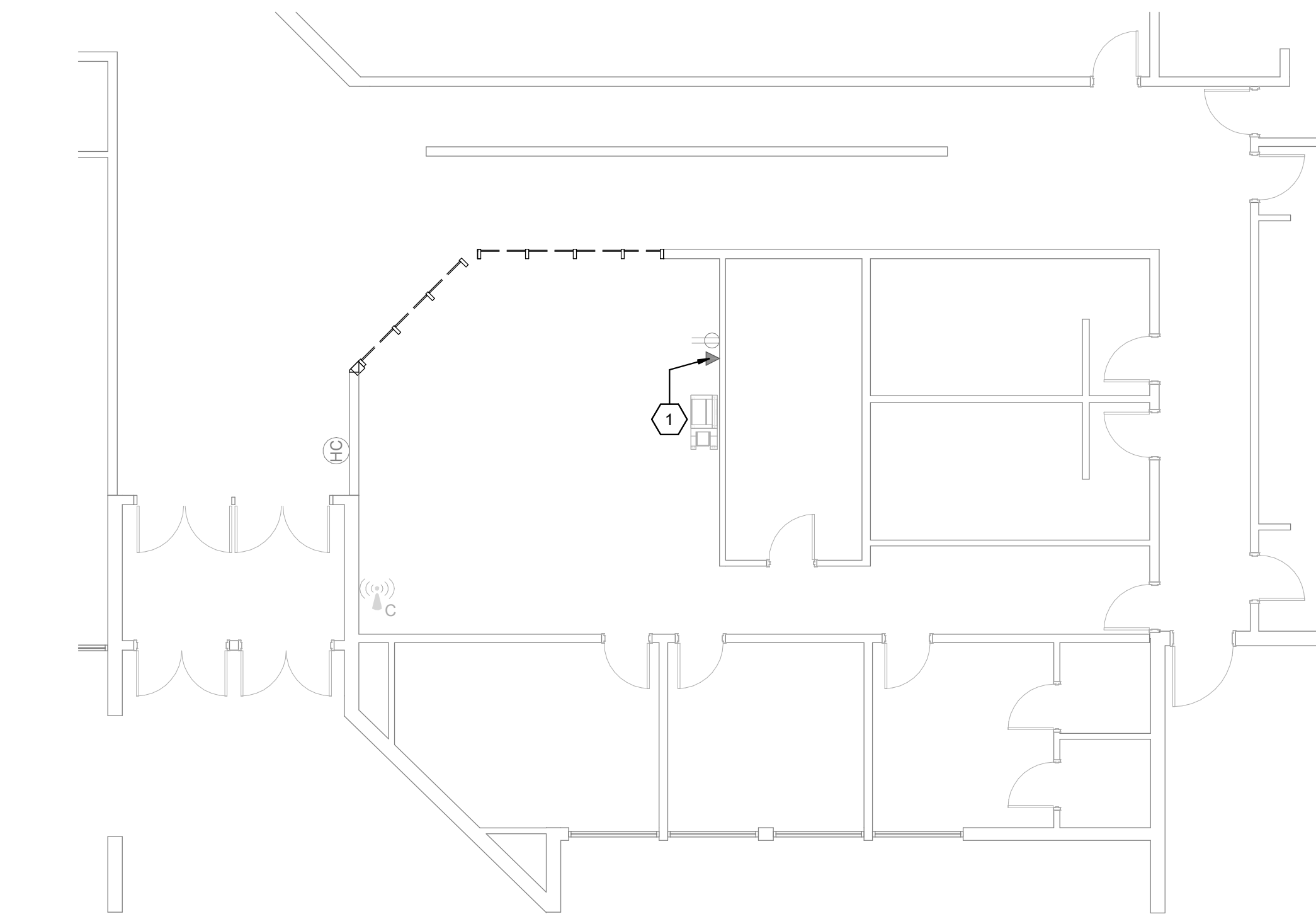


GENERAL SHEET NOTES

- 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.
- DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- REFER TO ARCHITECTURAL DRAWINGS FOR REMOVAL OF MOTORS, CONDUIT, CONDUCTOR AND CONTROL WIRING ASSOCIATED WITH EXISTING MOTORIZED DOORS, PARTITIONS AND LIGHTING.
- DEMOLISH ALL DATA AND WI-FI ACCESS POINTS WHETHER SHOWN ON DRAWINGS OR NOT WITHIN SCOPE OF WORK AREA.
- REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE
- ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.
- ALL HVAC UNITS TO BE REMOVED BY MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE. REMOVE ALL ASSOCIATED RACEWAYS AND CONDUCTORS BACK TO SOURCE.

SHEET KEYNOTES

- DEMO EXISTING COVERPLATE. EXISTING CABLING AND RACEWAY TO RE PROTECTED AND PRESERVED IN PLACE. FOR NEW DATA CONNECTIONS.



1 FLOOR DEMOLITION PLAN
ED101/ 1/8" = 1'-0"

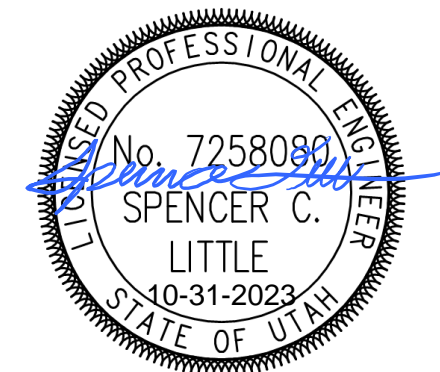
GSD SECURITY REMODEL

5770 WEST 5100 SOUTH
SALT LAKE CITY, UT 84118

2500 SOUTH STATE STREET, SALT LAKE CITY, UT 84115
OWNER PROJECT NO.:
GSBS PROJECT NO.: 2023.030.00
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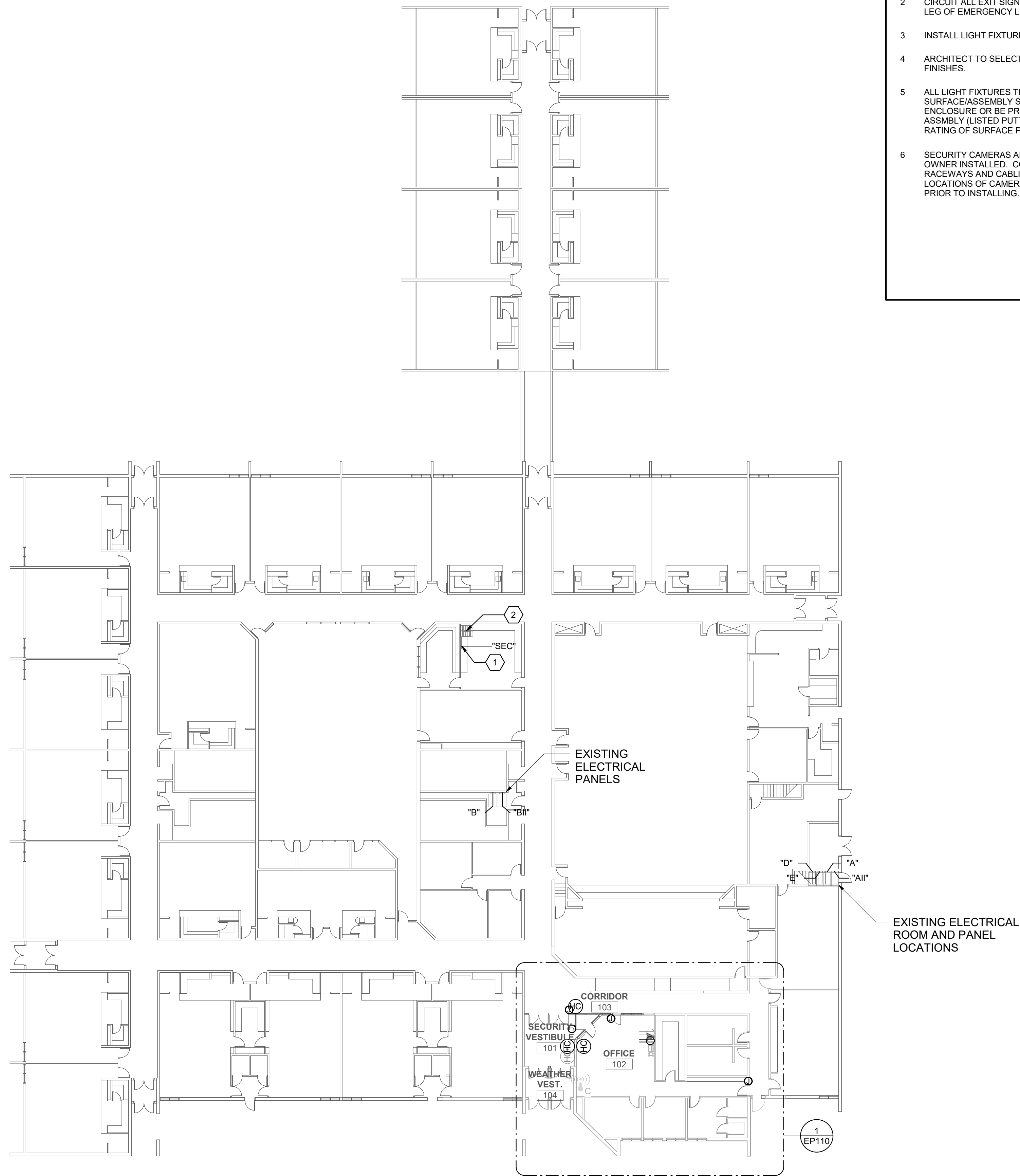
LEVEL 1 ELECTRICAL DEMOLITION PLAN

REVISIONS:



- ### GENERAL SHEET NOTES
- CENTER ALL CEILING MOUNTED LIGHT FIXTURES AND DEVICES SHALL BE CENTERED IN CEILING TILE, UNLESS OTHERWISE NOTED.
 - CIRCUIT ALL EXIT SIGNS TO NEAREST UNSWITCHED LEG OF EMERGENCY LIGHTING CIRCUIT.
 - INSTALL LIGHT FIXTURES INLINE AND CENTERED.
 - ARCHITECT TO SELECT ALL LIGHT FIXTURE FINISHES.
 - ALL LIGHT FIXTURES THAT PENETRATE FIRE RATED SURFACE/ASSEMBLY SHALL BE IN A FIRE RATED ENCLOSURE OR BE PROVIDED WITH A FIRE RATED ASSEMBLY (LISTED PUTTY PADS) TO MAINTAIN A FIRE RATING OF SURFACE PENETRATED.
 - SECURITY CAMERAS ARE OWNER FURNISHED OWNER INSTALLED. CONTRACTOR TO INSTALL RACEWAYS AND CABLING. COORDINATE EXACT LOCATIONS OF CAMERA ROUGH-IN WITH OWNER PRIOR TO INSTALLING.

- ### GENERAL SHEET NOTES
- THESE GENERAL NOTES APPLY TO ALL ELECTRICAL AND SPECIAL SYSTEMS DRAWINGS. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL ELECTRICAL AND SPECIAL SYSTEMS SPECIFICATIONS AND REQUIREMENTS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL ROOM INTERIOR ELEVATIONS. COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
 - CONTRACTOR IS RESPONSIBLE FOR ALL LINE VOLTAGE AS PART OF THIS PROJECT. PROVIDE LINE VOLTAGE REQUIRED TO ALL SYSTEMS PROVIDED AS PART OF THIS PROJECT. COORDINATE WITH ALL OTHER DISCIPLINES AND DRAWINGS.
 - CONTRACTOR IS RESPONSIBLE FOR ALL DEVICES, GEAR, CABLE, CONDUCTORS, TERMINATIONS, OVERCURRENT PROTECTION DEVICES, AND HEAD END EQUIPMENT AS PART OF THIS PROJECT.
 - ALL RACEWAYS SHALL BE CONCEALED IN WALLS, FLOORS, AND CEILING UNLESS OTHERWISE NOTED. INSTANCES WHERE EXPOSED OR SURFACE MOUNTED RACEWAYS IS REQUIRED A ROUTING SKETCH SHALL BE PROVIDED TO ARCHITECT AND ENGINEER. RACEWAY TYPE SHALL BE SELECTED BY ENGINEER. FINISH OF RACEWAY SHALL BE SELECTED BY ARCHITECT.
 - SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTOR FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRE STOPPING MATERIALS, AND REQUIREMENTS.
 - PROVIDE NEW CIRCUIT BREAKERS IN EXISTING PANEL FOR ALL NEW CIRCUITS. FIELD VERIFY PANELBOARD TYPE AND BREAKER TYPE.
 - PROVIDE ELECTRICAL CONNECTION TO MOTORIZED DOORS WITH ALL POWER AND CONTROL WIRING PER MANUFACTURERS WRITTEN INSTRUCTIONS. COORDINATE OPERATION OF DOORS WITH SECURITY, FIRE, AND SMOKE CONTROL SEQUENCES OF OPERATION.
 - INSTALLATION SHOULD BE IN ACCORDANCE WITH THE NFPA "NATIONAL ELECTRICAL CODE."
 - ALL RACEWAYS SHALL BE LISTED TAMPER RESISTANT



- ### SHEET KEYNOTES
- EY - AUXILIARY
 - ET - TELECOMMUNICATIONS

Project Status

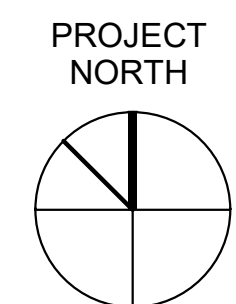
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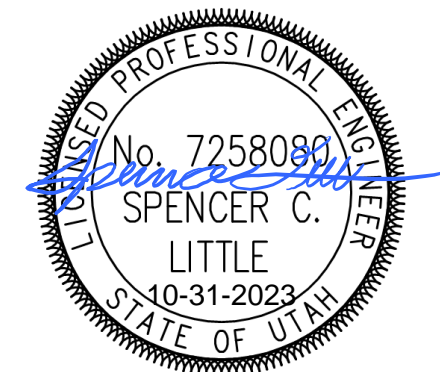
OVERALL ELECTRICAL PLAN



1 OVERALL ELECTRICAL PLAN
EP101 1" = 20'-0"

REVISIONS:

NO.	DESCRIPTION



GENERAL SHEET NOTES

- CENTER ALL CEILING MOUNTED LIGHT FIXTURES AND DEVICES SHALL BE CENTERED IN CEILING TILE, UNLESS OTHERWISE NOTED.
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- SECURITY CAMERAS ARE OWNER FURNISHED OWNER INSTALLED. CONTRACTOR TO INSTALL RACEWAYS AND CABLING. COORDINATE EXACT LOCATIONS OF CAMERA ROUGH-IN WITH OWNER PRIOR TO INSTALLING.

GENERAL SHEET NOTES

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- INSTALLATION SHOULD BE IN ACCORDANCE WITH THE NFPA "NATIONAL ELECTRICAL CODE."
- ALL RACEWAYS SHALL BE LISTED TAMPER RESISTANT

SHEET KEYNOTES

- PROVIDE WIRELESS PUSH BUTTON TO ACCESS CONTROL SYSTEM FOR DOOR RELEASE MOUNTED IN MILLWORK. CONTRACTOR TO COORDINATE WITH DISTRICT AND PROGRAM RELEASE BUTTONS PER DISTRICTS DIRECTION. COORDINATE WITH MILLWORK PROVIDER FOR EXACT MOUNTING LOCATION IN MILLWORK.
- CIRCUIT NEW EXIT LIGHT FIXTURE TO EXISTING EXIT LIGHTING CIRCUIT WITH CAPACITY.
- EXISTING CAMERA TO REMAIN. CONTRACTOR TO COORDINATE WITH DISTRICT TO REMOVE AND REINSTALL CAMERA IN NEW CEILING TILE AS REQUIRED.
- EXISTING BLUE STROBE CO NOTIFICATION DEVICE TO REMAIN

Project Status

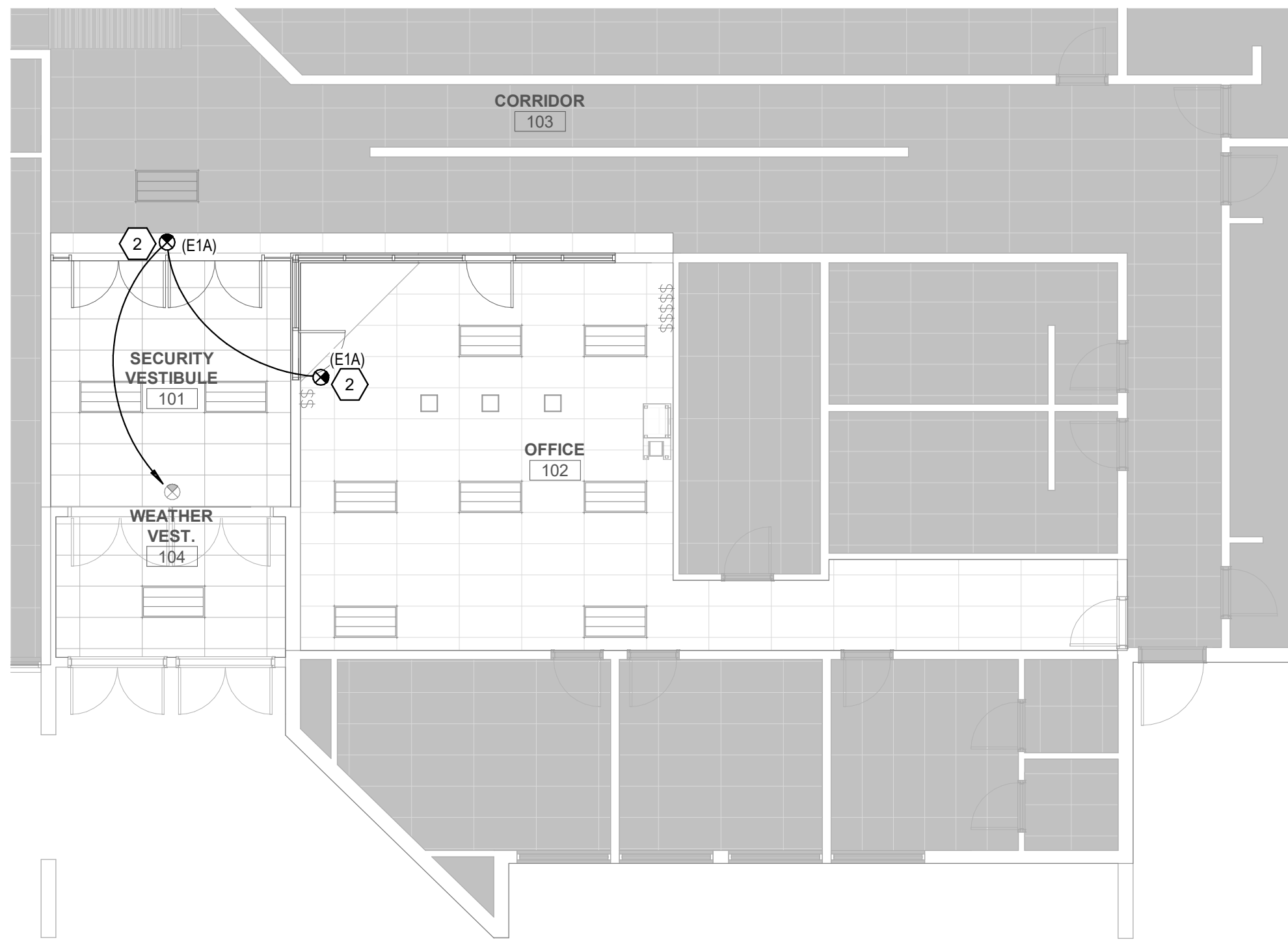
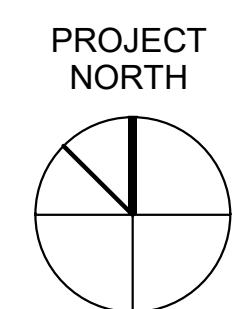
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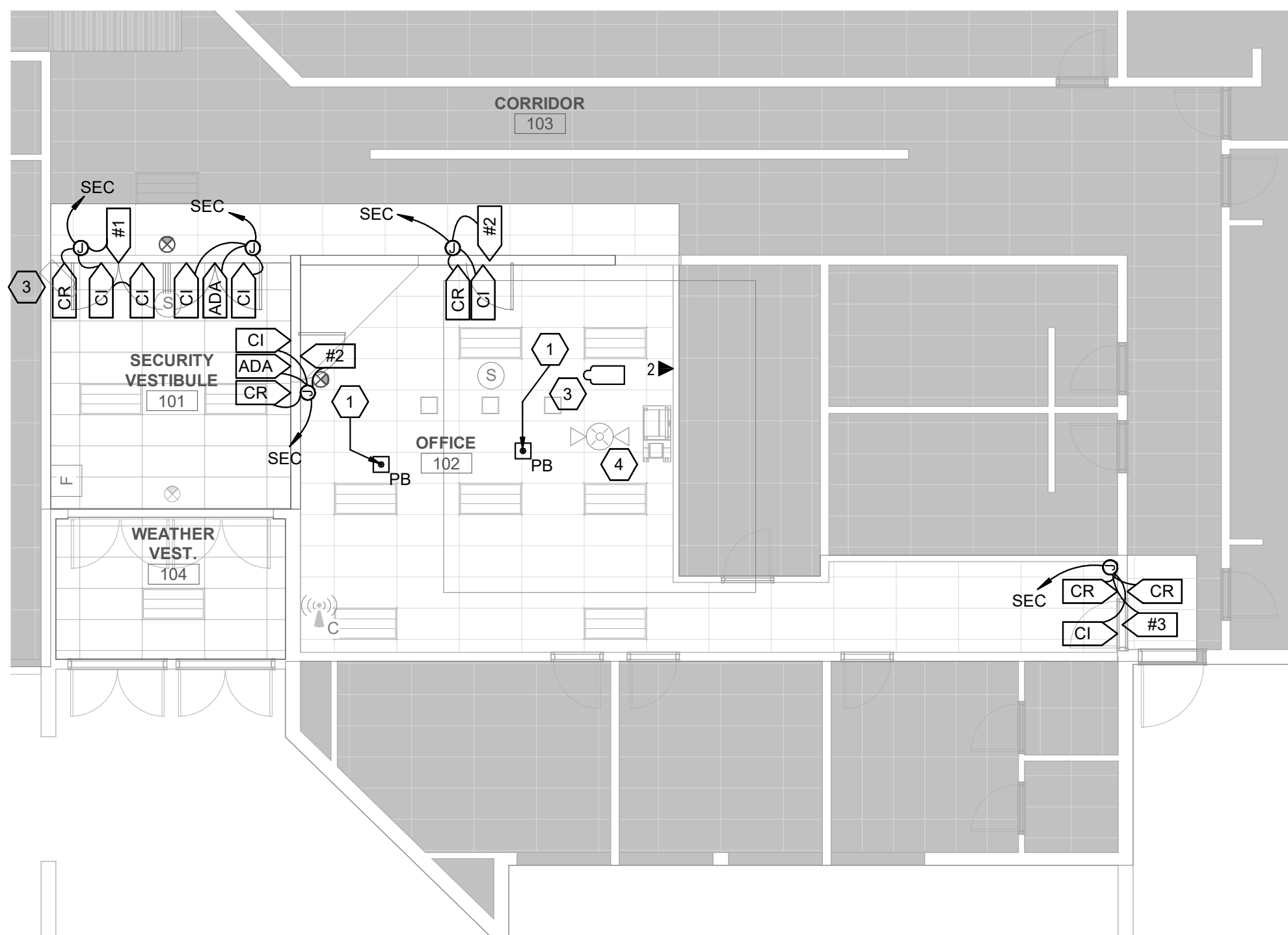
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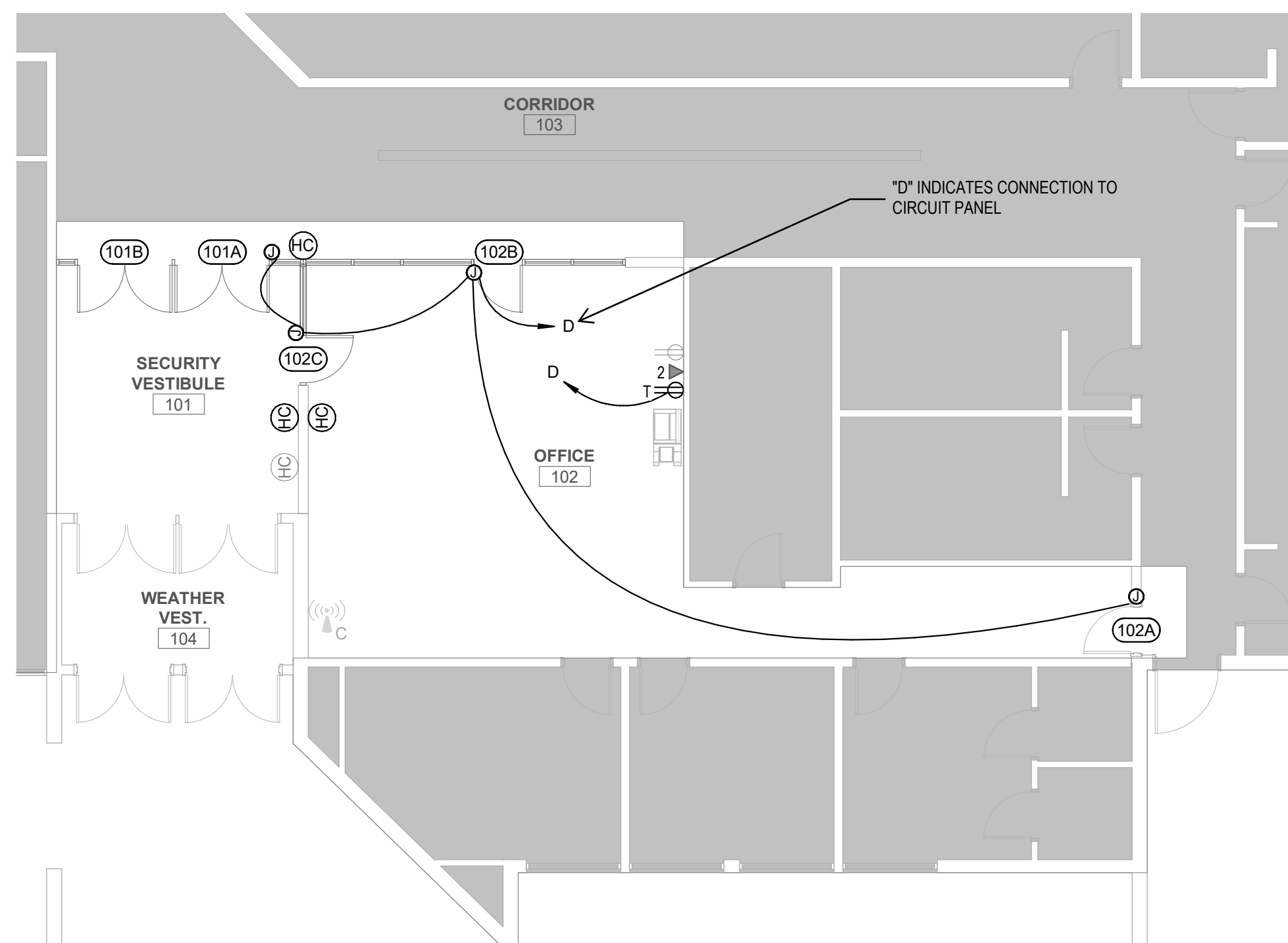
FLOOR & RCP ELECTRICAL PLANS



3 LIGHTING CEILING PLAN
EP110 1/8" = 1'-0"



2 AUXILIARY CEILING PLAN
EP110 1/8" = 1'-0"



1 ELECTRICAL FLOOR PLAN
EP110 1/8" = 1'-0"