

GSD SECURITY REMODEL SILVER HILLS ELEMENTARY

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www.gsbsarchitects.cc

ELECTRICAL ENGINEERING:

SPECTRUM ENGINEERING

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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

GSBS PROJECT NO.: ISSUED DATE:

2023.030.00

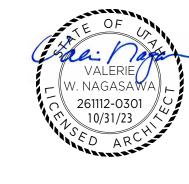




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REVISIONS:



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

PROJECT LOCATION

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

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

	GRID GRID	GRID LINES	
	# SHEET	DETAIL SYMBOL DETAIL NUMBER/ SHEET WHERE DETAIL IS DRAWN	4. · · · · · · · · · · · · · · · · · · ·
	# SHEET	BUILDING SECTION SYMBOL SECTION REFERENCE/ SHEET WHERE SECTION IS DRAWN	
	# SHEET	WALL SECTION SYMBOL SECTION REFERENCE/ SHEET WHERE SECTION IS DRAWN	
	SHEET #	EXTERIOR ELEVATION SYMBOL ELEVATION IDENTIFICATION SHEET WHERE ELEVATION IS DRAWN	
	SHEET #	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	
	<u>_1</u>	REVISION TAG	
0	# VIEW NAI SHEET SCALE	VIEW TITLE ME VIEW NUMBER/ SHEET WHERE VIEW IS LOCATED VIEW NAME/ VIEW SCALE	

GRAPHIC SYMBOLS

CODE ANALYSIS

APPLICABLE CODES

In case of conflict with the U.S. Department of Justice Federal Registers Parts $\, {
m I} \,$

Code Accessibility Chapters, the more restrictive requirement shall govern.

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

through $\overline{\Sigma}$ ADA Guidelines and specific reference to the International Building

_____2021__ National Electrical Code

ADA Accessibility Guidelines

NO CHANGE (E)

NO CHANGE (II-B)

2021 ICC/ANSI A117.1

2020

International Building Code

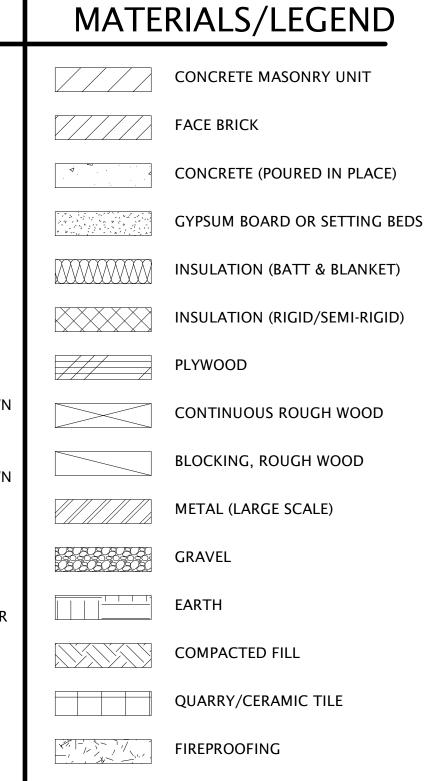
International Fire Code

A. Occupancy and Group:

Type of Construction:

International Energy

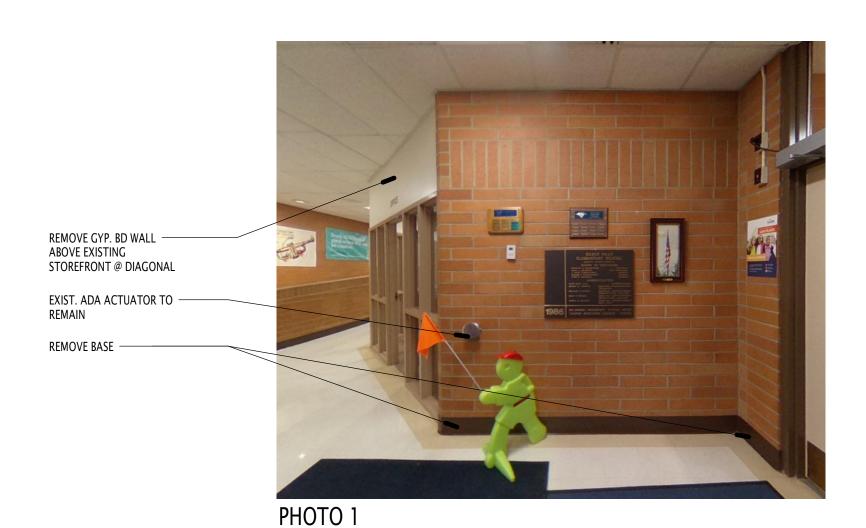
Conservation Code

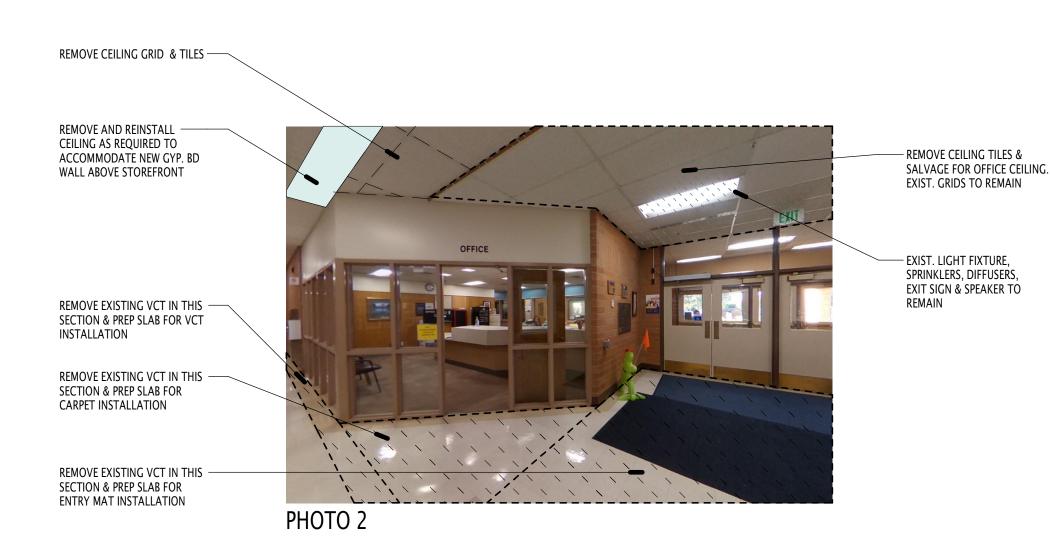


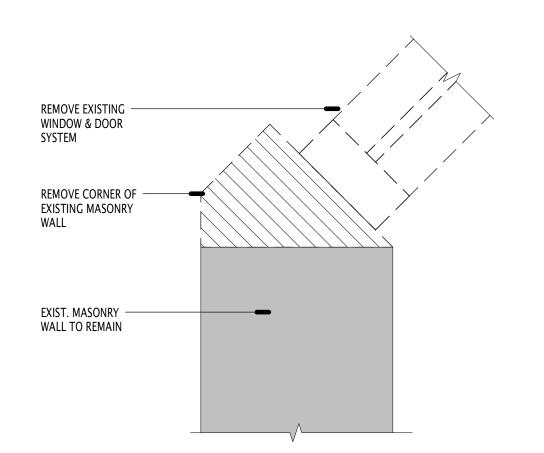
REMODEL SILVER HILLS ELEMENTARY 5770 WEST 5100 SOUTH SALT LAKE CITY, UT 84118 SCHOOL DISTRICT 2500 SOUTH STATE STREET, SALT LAKE CITY, UT 84115 OWNER PROJECT NO.: 2023.030.00 GSBS PROJECT NO.: ISSUED DATE: DRAWING INDEX, SYMBOLS

AND ABBREVIATIONS

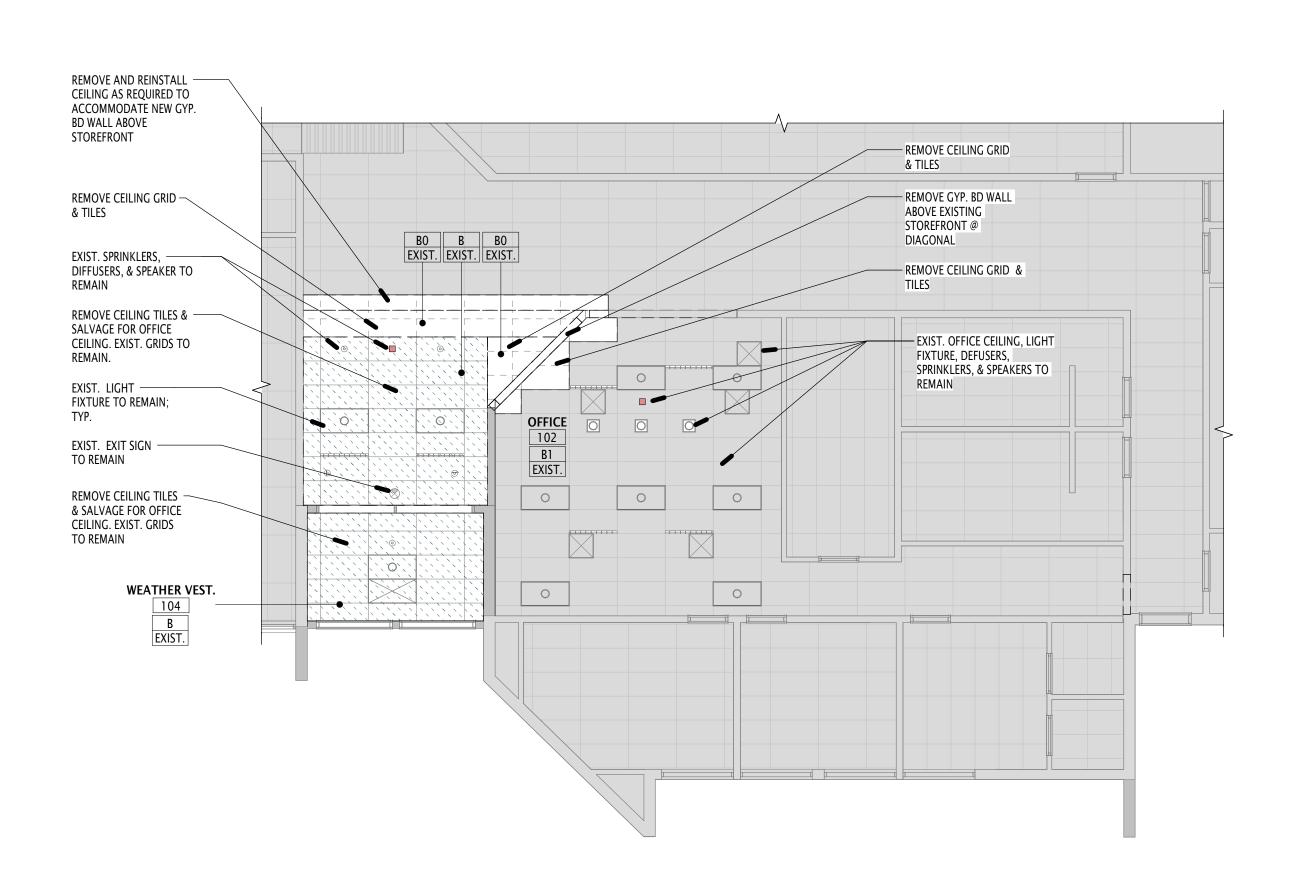
GSD SECURITY



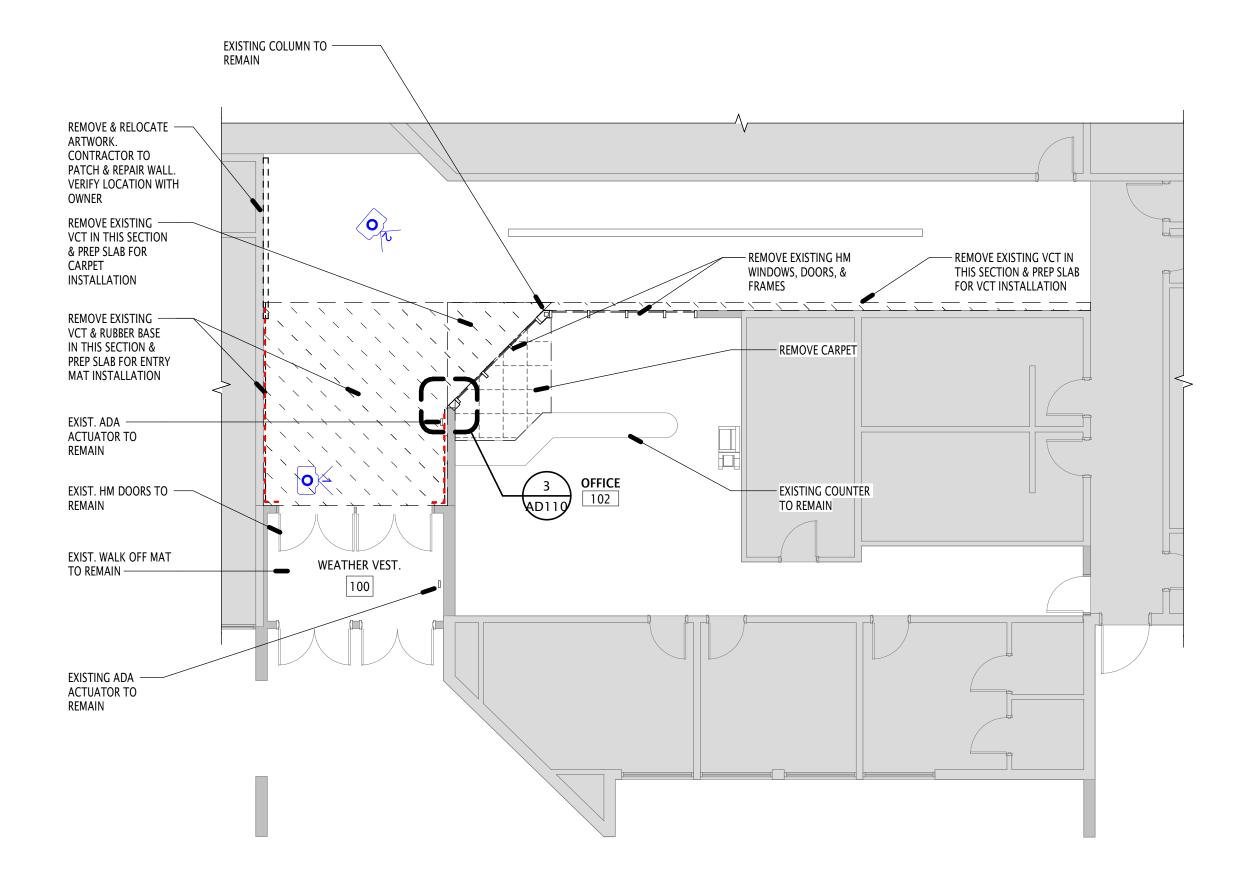








2 DEMOLITION REFLECTED CEILING PLAN AD110 1/8" = 1'-0"



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

DEMOLITION LEGEND

DOOR AND FRAME TO BE REMOVED

BE REMOVED

= = = = Existing wall, carpet, or ceiling to

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

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. 2. UNLESS NOTED OTHERWISE, CONTRACTOR SHALL DISPOSE OF ALL DEBRIS, REFUSE, EQUIPMENT, ETC. IN CONTRACTOR SUPPLIED CONTAINERS/DUMPSTERS. DO NOT USE DISTRICT TRASH CONTAINERS. B. COORDINATE ANY NEW PENETRATION SIZES WITH MECHANICAL, PLUMBING,

. ANY ASBESTOS CONTAINING MATERIALS (ACM) IN PROJECT AREA SHALL BE

AND ELECTRICAL DRAWINGS. 4. ALL EXISTING STRUCTURAL ELEMENTS TO REMAIN UNLESS NOTED

5. FOR EXTENT OF MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION, SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. 5. FURNITURE TO BE TEMPORARILY REMOVED BY DISTRICT PRIOR TO CARPET DEMOLITION. CONTRACTOR TO COORDINATE WITH OWNER.

7. OWNER TO REMOVE EXISTING PRINTERS AND OTHER ELECTRICAL EQUIPMENT TO BE REUSED. CONTRACTOR TO COORDINATE WITH OWNER. 3. REMOVE EXISTING RUBBER BASE WHERE OCCURS THROUGHOUT MARKED DASHED AREA. PREPARE SUBSTRATE TO RECEIVE NEW RUBBER BASE. P. PROTECT ALL DEVICES DURING DEMOLITION THAT DO NOT HAVE CHANGE IN

0. 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 EXIST. 2X4 LAY-IN CEILING - GRIDS TO REMAIN - TILES TO BE REMOVED AND REUSED EXIST. 2X4 LAY-IN ACOUSTICAL BO PANEL IN SUSPENDED GRID - TO BE DEMOLISHED EXIST. 2X4 LAY-IN CEILING TO



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2500 SOUTH STATE STREET, SALT LAKE CITY, UT 84115 OWNER PROJECT NO.: GSBS PROJECT NO.:

PROJECT

NORTH

ISSUED DATE: **DEMOLITION PLANS**

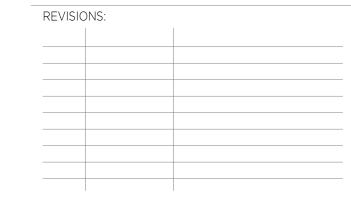


2023.030.00 10/31/2023

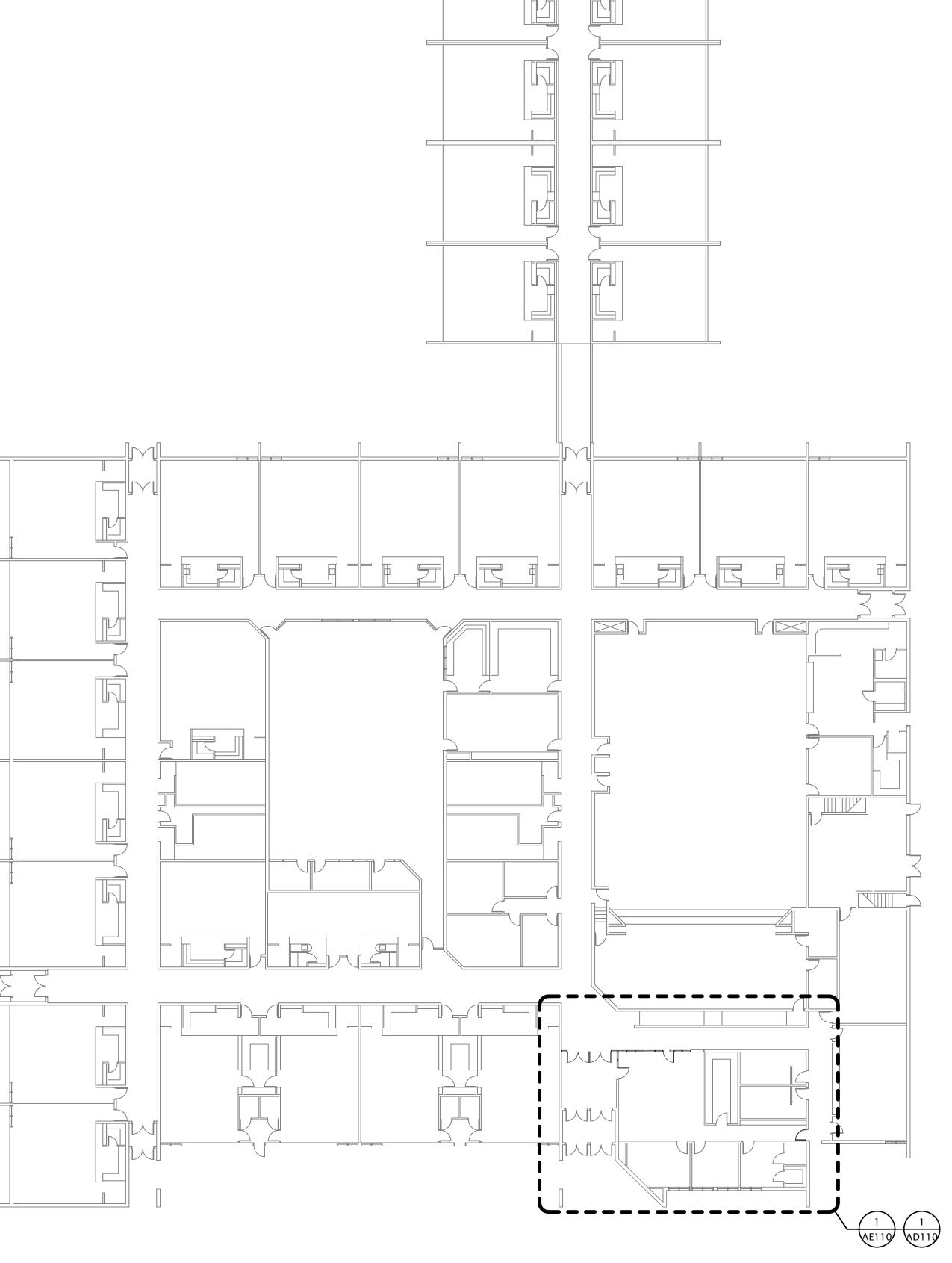


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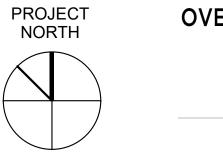
2023.030.00 10/31/2023

2500 SOUTH STATE STREET, SALT LAKE CITY, UT 84115

OWNER PROJECT NO.:

GSBS PROJECT NO.:
ISSUED DATE:

OVERALL PLAN



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

AE101 REV

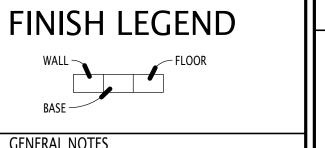
	FINISH SCHEDULE								
-	DESCRIPTION	MANUFACTURER	PRODUCT NAME / NUMBER	COLOR/ FINISH	SIZE	COMMENTS	Ш''		
WALL	-		•	•			11		
P1	GENERAL PAINT	SHERWIN WILLIAMS	MATCH EXISTING	MATCH EXISTING	N/A	APPLIED TO GYP. BD. ABOVE STOREFRONTS. SEE ELEVATIONS			
BASE		_							
RB1	RUBBER BASE	ROPPE	COVED RUBBER BASE	LUNAR DUST 114	4''] [
FLOC	R						GEN		
С	CARPET				24"x24"	O.F.C.I.	н−		
EM	ENTRY MAT	SHAW CONTRACT	WELCOME II	STERLING 31557	24"X24"	O.F.C.I.	1. TO		
VCT	VINYL TILE	-	MATCH EXISTING	MATCH EXISTING					

EXIST. EXIST. EXIST.

(AE601)

B2 EXIST.

² REFLECTED CEILING PLAN



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

RCP LEGEND CEILING TYPE A 9'-0" **ELEVATION - FROM FINISH FLOOR** SPEAKER NO SCOPE OF WORK

EXIT SIGN

CEILING NOTES

1. ELECTRICAL DATA SHOWN FOR REFERENCE ONLY. COORDINATE WITH ELECTRICAL DRAWINGS. ANY CONFLICTS SHOULD BE ADDRESSED WITH ARCHITECT AS SOON AS POSSIBLE. 2. 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/

3. PROVIDE BLOCKING IN WALLS & CEILINGS AS REQUIRED FOR INSTALLATION OF MECH., PLUMB. & ELEC. EQUIP. AND SPECIALTIES 4. ADJUST ALL FIRE SPRINKLER HEADS AND PLUMBING TO NEW CEILING 5. SEE FINISH SCHEDULE FOR CEILING TYPE C GYPSUM BOARD PAINT.

6. ALL CEILING DEVICES (SPEAKERS, EXIT SIGNS, SPRINKLER HEADS, ETC.) REMOVED FROM CEILING TILES DURING DEMOLITION SHALL BE REINSTALLED IN NEW CEILING TILES.

CEILING SCHEDULE

	CLILING SCHLDOLL									
TYPE	DESCRIPTION	PLAN								
В2	2X4 LAY-IN ACOUSTICAL PANEL IN EXIST. SUSPENDED GRID									
В3	2X4 LAY-IN ACOUSTICAL PANEL IN SUSPENDED GRID									
В4	2X4 LAY-IN SALVAGED PANEL IN SUSPENDED GRID									

FIRE PROTECTION NOTES

. REDESIGN OF FIRE SPRINKLING WITHIN THE SCOPE OF THE THIS PROJECT INCLUDES ADJUSTMENT AS REQUIRED FOR NEW CEILING LAYOUT. FIRE SPRINKLING DESIGN SHOULD CONFIRM 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

2. 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.

3. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECCESSARY TO PREVENT WATER FROM DAMAGING SURROUNDING AREA.

DUCTWORK MECHANICAL AND PLUMBING PIPING, AND ALL OTHER TRADES AND ALL EXISTING CONDITIONS.

ARRANGEMENT.

4. COORDINATATE EXACT LOCATION OF PIPING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUITS,

LEGEND

RR	REMOTE RELEASE - SEE ELECTRIC.
\smile	

CARD READER - SEE ELECTRICAL

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
- 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.



GSD SECURITY REMODEL SILVER HILLS ELEMENTARY

GSBS ARCHITECTS

VALERIE

W. NAGASAWA 261112-0301

10/31/23

REVISIONS:

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5770 WEST 5100 SOUTH SALT LAKE CITY, UT 84118

2500 SOUTH STATE STREET, SALT LAKE CITY, UT 84115 OWNER PROJECT NO.: 2023.030.00 **GSBS PROJECT NO.:** 10/31/2023 ISSUED DATE:

FLOOR, FINISH, & RCP **PLANS**





NEW VCT. TO MATCH ----

\AE601/

VESTIBULE AE601

EX. RB1 EM

WEATHER

EX. EX. EX.

EXISTING

— NEW CARPET (C); O.F.C.I.

AE601/

EX. EX. C

- EXIST. FLOORING TO

REMAIN -

1 FLOOR & FINISH PLAN
AE110 1/8" = 1'-0"

EXIST. ADA ACTUATOR TO REMAIN

NEW EXIT SIGN; RE:

REINSTALLED CEILING AS —

ACCOMMODATE NEW GYP.

NEW CEILING GRID TO -

HEIGHT IN SECURE

NEW CEILING TILES

@ EXIST. GRIDS

EXIST. EXIT SIGN -

NEW CEILING TILES @ EXIST. GRIDS

ALTERNATE 1:

FRAME AND

102C, 102B

HOLLOW METAL

DOORS 101B, 101A,

CEILING TILES

VESTIBULE 101 - AND

MATCH EXIST. CEILING GRID

SECURE

VESTIBULE

101

WEATHER VEST. 104

ELECTRICAL

REQUIRED TO

BD WALL ABOVE

STOREFRONT

SECURE VESTIBULE 101

AE110/1/8" = 1'-0"

WEATHER VEST.

100

— EXTEND EXISTING OFFICE CEILING

GRID & INSTALL SALVAGED

CEILING TILES

OFFICE

102

0

--- NEW EXIT SIGN; RE:

ELECTRICAL

0

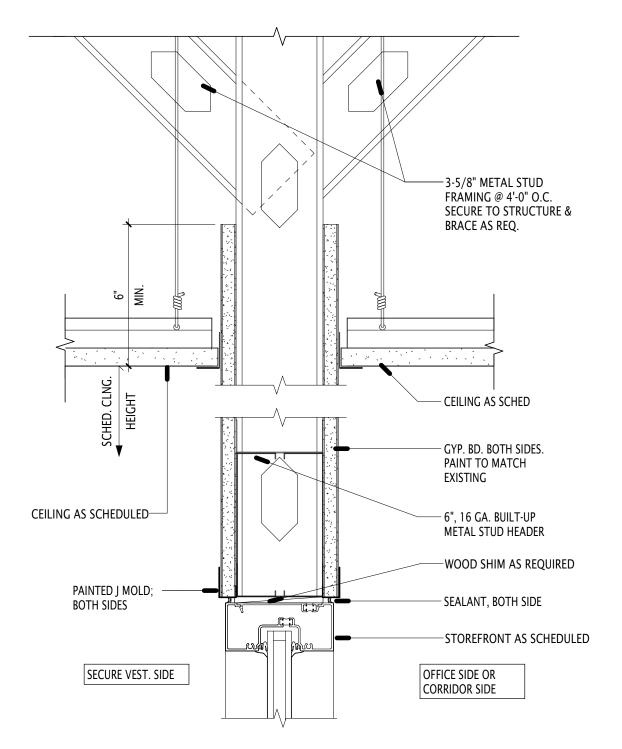
HALLWAY 103

/— KIOSK; O.F.C.I.

EXIST. PRINTER

EXIST. DOOR &

102A



- NEW ALUM. COLUMN COVER TO

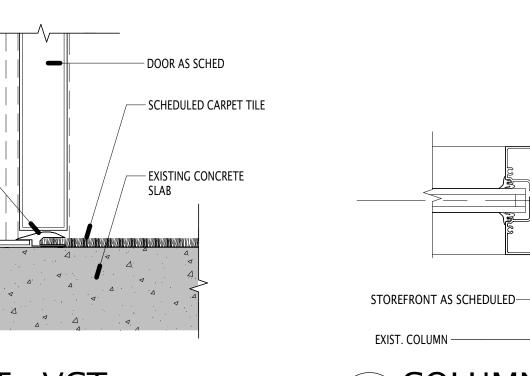
MATCH STOREFRONT. EXTEND TO STOREFRONT HEAD & PROVIDE

SEPARATION BETWEEN DISSIMILAR

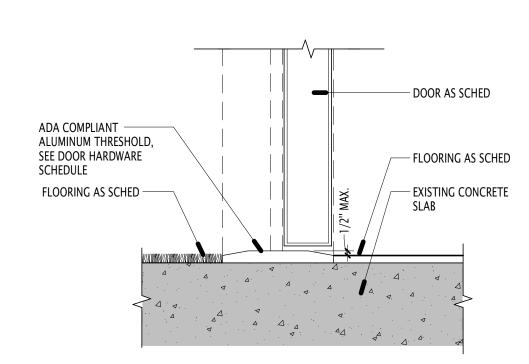
-STOREFRONT AS SCHEDULED

METALS.

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







CONT. RUBBER TRANSITION STRIP -

INSTALL AT CURRENT FLOORING

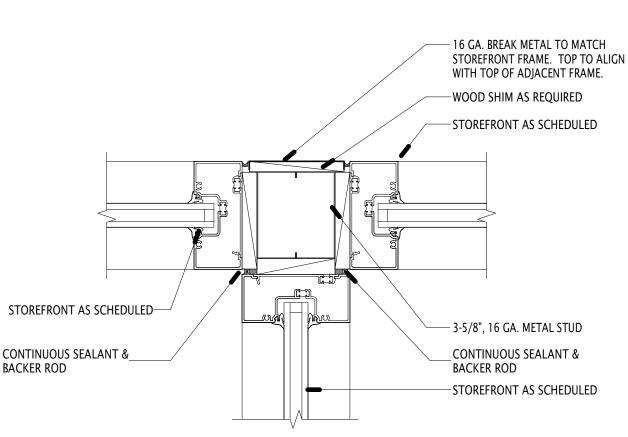
NEW VINYL COMPOSITION TILE -

AE601/3" = 1'-0"

FINISH LOCATION

TO MATCH EXISTING









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

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

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 HEIGHTINDICATES 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: SEE SPECIFICATION

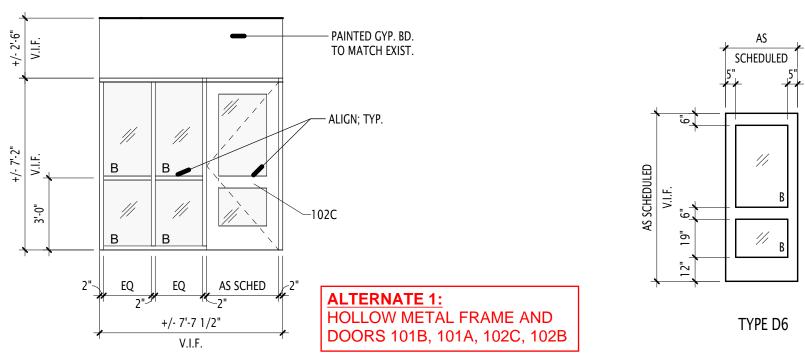
087100 FOR ALTERNATE HARDWARE GROUPS FOR HOLLOW METAL FRAMES.

GLAZING TYPES B - 1/4" TEMPERED GLASS

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.



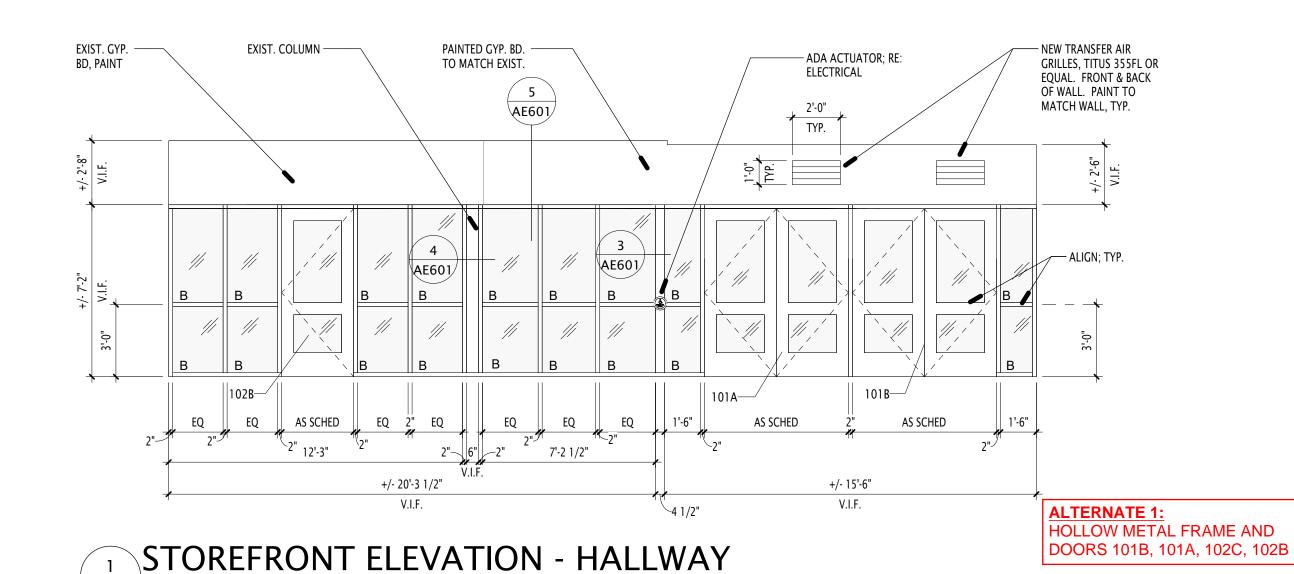
REVISIONS:



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

AE601/1/4" = 1'-0"

DOOR TYPE





5770 WEST 5100 SOUTH SALT LAKE CITY, UT 84118



2500 SOUTH STATE STREET, SALT LAKE CITY, UT 84115 **OWNER PROJECT NO.: GSBS PROJECT NO.:** ISSUED DATE:

DOOR SCHEDULE & **DETAILS**

AE601

2023.030.00

10/31/2023

	SYMBOLS LEGEND						
SYMBOL DESCRIPTION							
REFERENCE AND LINE SYMBOLS							
A5 E-501	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.						
A5 E-201	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.						
A5 E-201	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.						
ROOM NAME	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.						
1	KEYNOTE INDICATOR.						
	REVISION INDICATOR.						
X-X XMDP	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.						
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING						
\sim	BREAK, ROUND						
MATCH LINE SEE XX/X-XXX	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						
	PROPERTY LINE: DASHED, WIDE LINE.						
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.						
WIRING ME	ETHODS						
	WIRING.						
A-1,3,5	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.						
1	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.						
Ф	JUNCTION BOX.						
Фс	JUNCTION BOX, CEILING.						
\mathbb{Q}_{SC}	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.						
Φ _{SE}	JUNCTION BOX, SECURITY SYSTEM. PROVIDE CONDUIT AND ROUGH-IN PER SECURITY DRAWINGS.						
	LADDER RACK.						
—J——J—	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.						

		SYMBOLS LEGEND					
	SYMBOL	DESCRIPTION					
	WIRING DE	VICES					
	b	RECEPTACLE, DUPLEX: NEMA 5-20R.					
	₩Д	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.					
	₩ _с	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.					
ES IG	₩w	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R.					
ES	#	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.					
IG	#	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.					
	* *	SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).					
	₩.	RECEPTACLE, SINGLE PLEX, WITH USB OUTLET					
	В т	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.					
MDP"	SECURITY						
O	#X	CARD ACCESS DOOR TYPE #X OR AS NOTED. SEE RISER DIAGRAMS FOR ROUGH-IN, CABLING, AND DEVICES.					
	CR	CARD READER. SEE RISER DIAGRAM ON SHEET					
	CI	CONTACT INDICATOR.					
	ADA	ADA DOOR. SEE RISER DIAGRAM ON SHEET EE602 FOR ROUNG-IN, CABLING, AND DEVICE REQUIREMENTS.					
	CCTV						
		ID CAMEDA CAMEDA DOCUMBED DV DIGITDIGI					

IP CAMERA. CAMERA PROVIDED BY DISTRICT.

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 | AFF 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 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC..

SYMBOLS LEGEND

SYMBOL | DESCRIPTION ELECTRICAL POWER AND DISTRIBUTION PUSHBUTTON. PANELBOARD CABINET, FLUSH MOUNTED. PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION. PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION. LIGHTING

EXIT SIGN: SINGLE FACE; CEILING MOUNTED EXIT SIGN: DOUBLE FACE; CEILING MOUNTED EXIT SIGN: DOUBLE FACE; WALL MOUNTED

LIGHTING (CONTROL
*	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
Р	PHOTOCELL.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
*	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WAL
**	SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

SINGLE POLE SINGLE-PHASE kVAR KILOVOLT AMPERE REACTIVE ONE-WAY KII OWATT TWO-CONDUCTOR KILOWATT HOUR TWO-WAY LED LIGHT EMITTING DIODE THREE-CONDUCTOR LFMC LIQUID TIGHT FLEXIBLE METAL 3WAY THREE-WAY CONDUIT QUADRUPLE RECEPTACLE LFNC LIQUID TIGHT FLEXIBLE OUTLET NONMETALLIC CONDUIT FOUR-POLE DOUBLE THROW LOW PRESSURE SODIUM FOUR-POLE SINGLE THROW LOCKED ROTOR AMPS FOUR-WIRE LTG LIGHTING FOUR-WAY LOW VOLTAGE ABOVE COUNTER MATV MASTER ANTENNA TELEVISION ARMORED CABLE AMERICANS WITH DISABILITIES MAX MAXIMUM ACT MC METAL CLAD ADJACENT MCA MINIMUM CIRCUIT AMPS ABOVE FINISHED FLOOR MCB MAIN CIRCUIT BREAKER ABOVE FINISHED GRADE MCC MOTOR CONTROL CENTER AMPERE INTERRUPTING MCP MOTOR CIRCUIT PROTECTION CAPACITY MDP MAIN DISTRIBUTION PANEL ALUMINUM MOTOR GENERATOR **AMPERE MANHOLE** MINIMUM

ANNUNCIATOR ACCESS POINT (WIRELESS AP DATA) AS REQUIRED ASC AMPS SHORT CIRCUIT ATS **AUTOMATIC TRANSFER** SWITCH AUDIO VISUAL AWG AMERICAN WIRE GAGE BUCK-BOOST TRANSFORMER

1WAY

2WAY

40UT

4PST

4WAY

AC

ADA

AFG

AIC

XFMR BELOW FINISHED FLOOR BFG BELOW FINISHED GRADE CEILING MOUNTED CAT CATEGORY CATV COMMUNITY ANTENNA

TELEVISION CIRCUIT BREAKER CCBA CUSTOM COLOR AS SELECTED BY ARCHITECT CCTV CLOSED CIRCUIT TELEVISION CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED

CONTRACTOR FURNISHED/ OWNER INSTALLED CUSTOM FINISH AS SELECTED CFBA BY ARCHITECT CIRCUIT CONSTRUCTION MANAGER CONDUIT

CND CO CONVENIENCE OUTLET CONTRACTING OFFICER'S REPRESENTATIVE CONTROL PANEL CURRENT TRANSFORMER CTV CABLE TELEVISION COPPER

dBA UNIT OF SOUND LEVEL DPDT DOUBLE POLE, DOUBLE DISCONNECT SWITCH ENHANCED EACH **EMERGENCY** ELECTRICAL METALLIC TUBING

|| EA

EX

GEN

ELECTRIC NONMETALLIC TUBING EPO EMERGENCY POWER OFF EQUIP EQUIPMENT EQUIPMENT ROOM **EXISTING** FURNITURE MOUNTED FIRE ALARM

FIRE ALARM CONTROL PANEL FULL LOAD AMPS FMC FLEXIBLE METAL CONDUIT FOB FREIGHT ON BOARD FIBER PATCH PANEL **FVNR** FULL VOLTAGE NON-REVERSING FULL VOLTAGE REVERSING

GENERATOR

GROUND FAULT INTERRUPTER GROUND FAULT PROTECTION GIG GIGA HERTZ GND GROUND HD **HEAVY DUTY** HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HORSE POWER HIGH POWER FACTOR HIGH PRESSURE SODIUM

HIGH VOLTAGE HWM HORIZONTAL WIRE MANAGEMENT **HERTZ** INPUT/ OUTPUT I/O ISOLATED GROUND IG IMC INTERMEDIATE METAL CONDUIT

INSULATED/ ISOLATED INFRARED JUNCTION BOX J-BOX KILOVOLT KILOVOLT AMPERE kVA

MAIN LUGS ONLY MOCP MAXIMUM OVERCURRENT PROTECTION MANUAL TRANSFER SWITCH NOT APPLICABLE NC NORMALLY CLOSED

NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NATIONAL FIRE CODE NFPA NATIONAL FIRE PROTECTION ASSOCIATION

NOT IN CONTRACT NIGHT LIGHT NORMALLY OPEN NOT TO SCALE ON CENTER

OVER CURRENT PROTECTION OCP OWNER ELECTRONICS OF/CI OWNER FURNISHED/ CONTRACTOR INSTALLED OF/OI OWNER FURNISHED/ OWNER INSTALLED OBTAIN FROM PLANS

OH DR OVERHEAD (COILING) DOOR OVERLOAD PUSHBUTTON POWER FACTOR PHASE PANEL PNM PLENUM

PR PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM QTY QUANTITY REMOVE RCP REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT

REVOLUTIONS PER MINUTE RPP RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SCA SHORT CIRCUIT AMPS SCBA STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET)

SFBA STANDARD FINISH AS SELECTED BY ARCHITECT SPD SURGE PROTECTIVE DEVICE SPDT SINGLE POLE, DOUBLE THROW SPEC SPECIFICATION SPP STATION PATCH PANEL SPST SINGLE POLE, SINGLE THROW ST SINGLE THROW

SWBD SWITCHBOARD SWGR SWITCHGEAR TL TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS

TTB TELEPHONE TERMINAL BOARD TV TELEVISION TVSS TRANSIENT VOLTAGE SURGE SUPPRESSER TYP TYPICAL UF UNDERFLOOR UGND UNDERGROUND

UPS UNINTERRUPTIBLE POWER SUPPLY VOLTS VA VOLT AMPERE VFC/VF VARIABLE FREQUENCY MOTOR CONTROLLER VWM VERTICAL WIRE MANAGEMENT

W/O WITHOUT WEATHERPROOF WPP WIRELESS PATCH PANEL XFMR TRANSFORMER

GENERAL ELECTRICAL NOTES

THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS. MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.

OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.

FURNISHED THE MATERIALS OR EQUIPMENT.

THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES. AND THE DELIVERY OF

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 WITH THESE REQUIREMENTS TO THE ARCHITECT.

REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.

CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT 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

EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS

THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER

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 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.

CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY

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.

ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

ELECTRICAL SHEET INDEX

EE001 ELECTRICAL COVER SHEET

EE501 ELECTRICAL DETAILS

EE601 AUXILIARY DIAGRAMS

EE801 | TELECOM DETAILS

EE500 TYPICAL MOUNTING DETAILS

EP101 OVERALL ELECTRICAL PLAN

EP110 FLOOR & RCP ELECTRICAL PLANS

ED101 LEVEL 1 ELECTRICAL DEMOLITION PLAN

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REMODEL

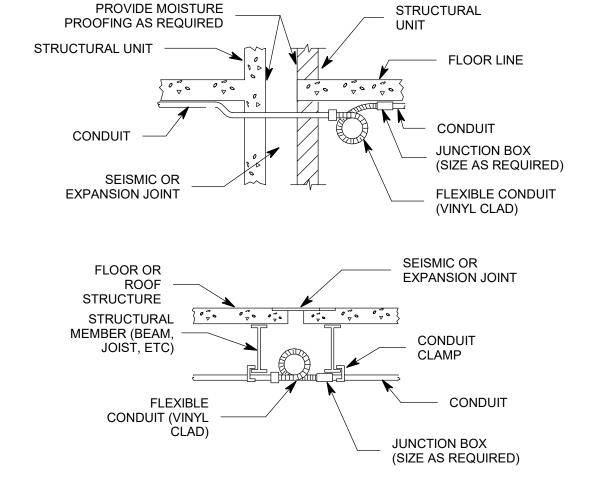
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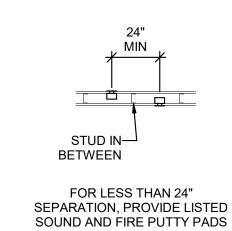
OWNER PROJECT NO.: GSBS PROJECT NO.: ISSUED DATE:

2023.030.00 10/31/2023

ELECTRICAL COVER SHEET

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

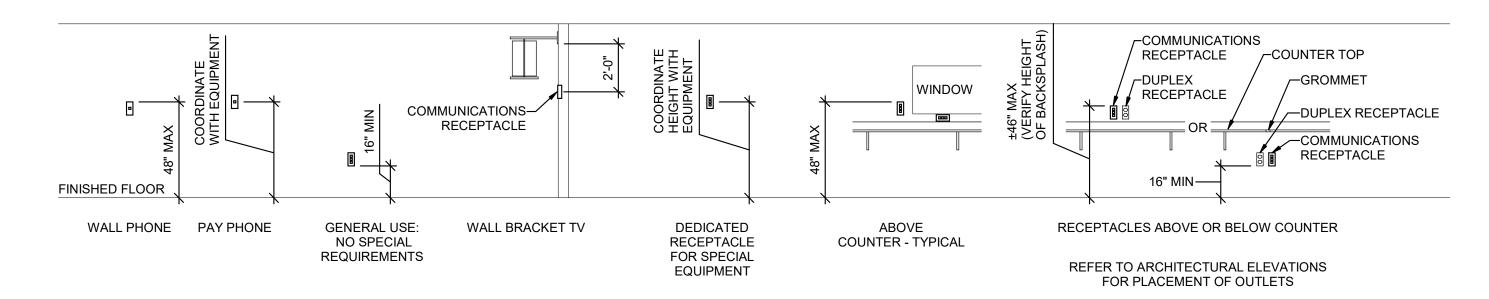




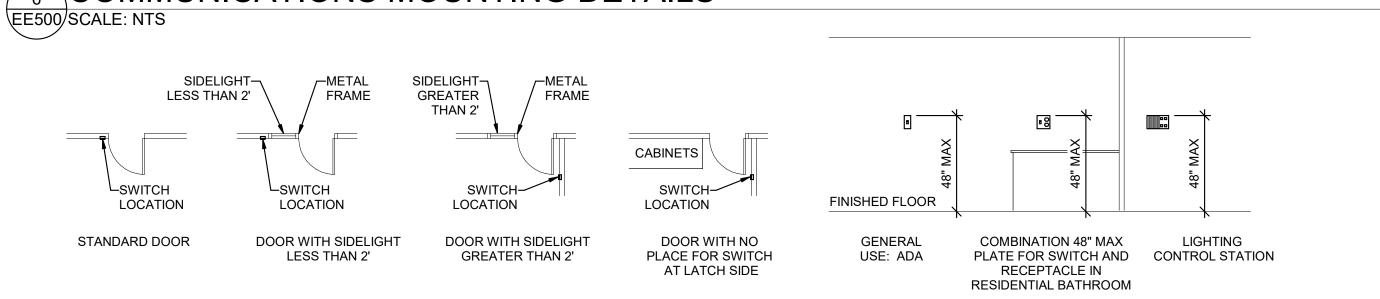
3 CONDUIT EXPANSION JOINT DETAIL

BOX MOUNTING DETAILS EE500/SCALE: NTS

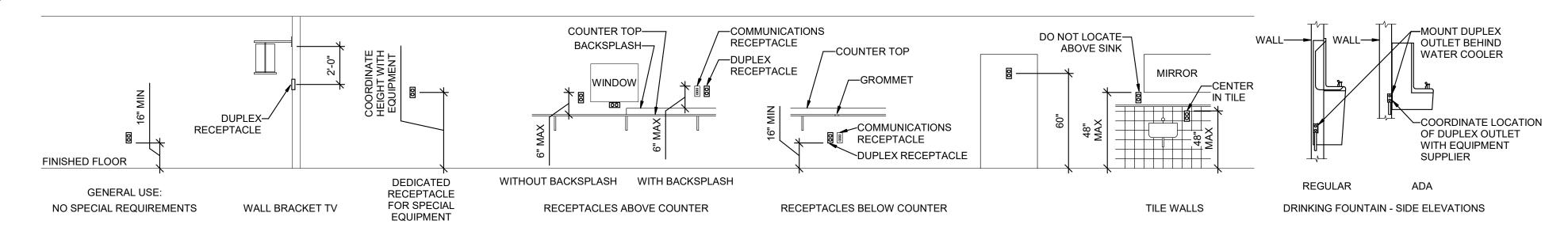
BOXES ON OPPOSITE SIDES OF WALL



COMMUNICATIONS MOUNTING DETAILS



5 SWITCH MOUNTING DETAILS EE500 SCALE: NTS



RECEPTACLE MOUNTING DETAILS

EE500 SCALE: NTS

GENERAL PROJECT **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 NECISSARY TO RESTOR FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTRUAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRE STOPPING MATERIALS, AND REQUREMENTS.
- 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 MANUFACTURES 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."
- 10 ALL RACEWAYS SHALL BE LISTED TAMPER RESISTANT

GENERAL SHEET NOTES

- MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
- A ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).
- C FIELD INSTRUCTIONS.

B - EQUIPMENT SHOP DRAWINGS.

- 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.
- 8 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.

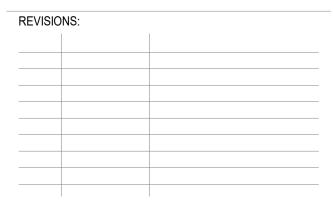


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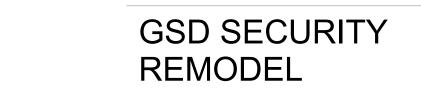
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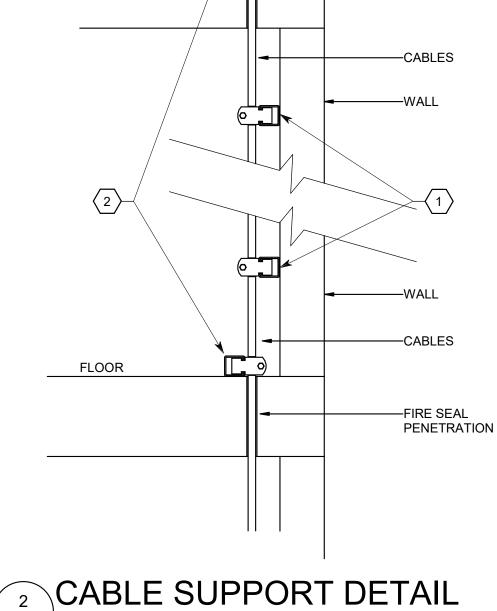
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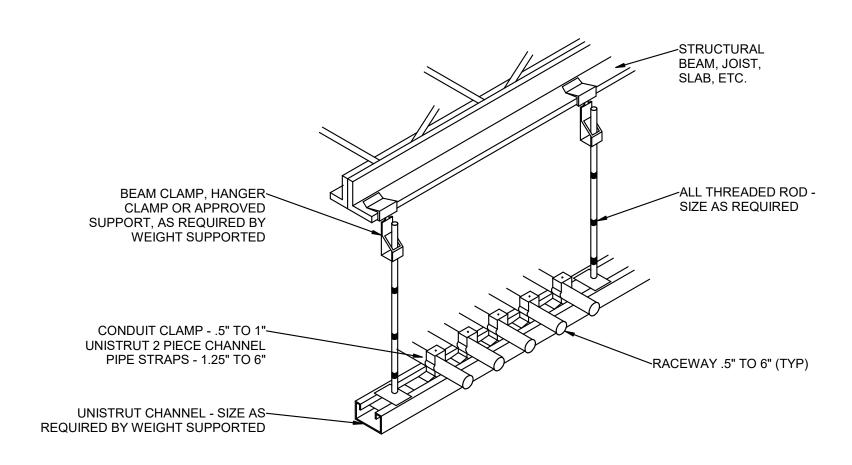
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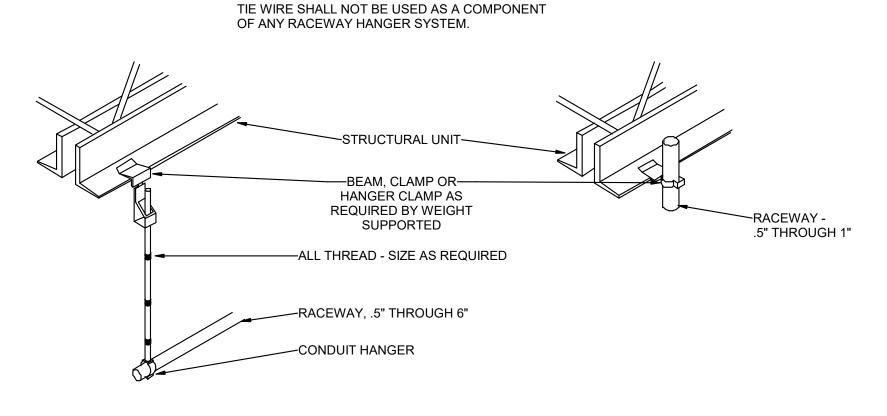
TYPICAL MOUNTING DETAILS

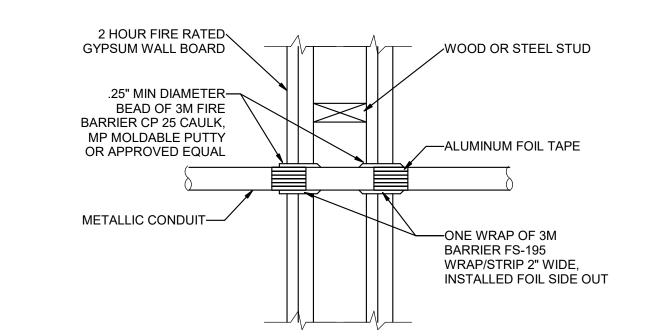


FLOOR ABOVE



TYPICAL CONDUIT RACK DETAIL SCALE: NTS

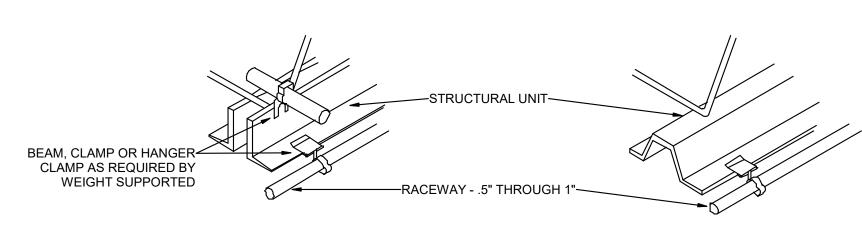




FIRE STOP FOR METAL CONDUIT

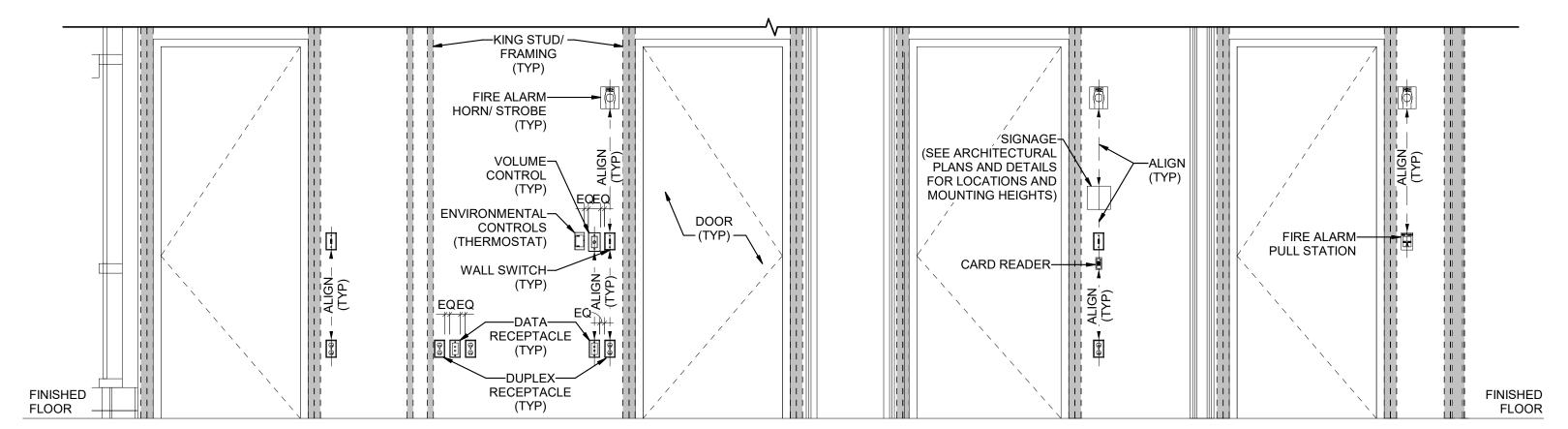
THROUGH GYPSUM WALL BOARD

SCALE: NTS



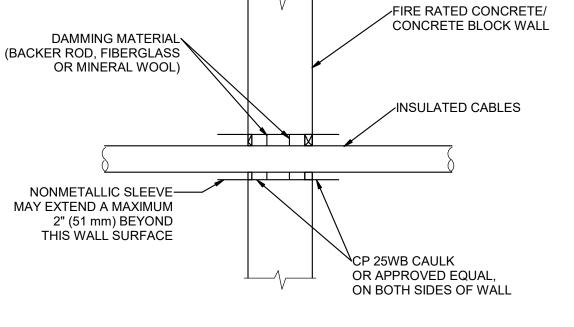
TYPICAL RACEWAY SUPPORT METHODS DETAIL

6 TYPICAL RACEWAY SUPPORT METHODS DETAIL

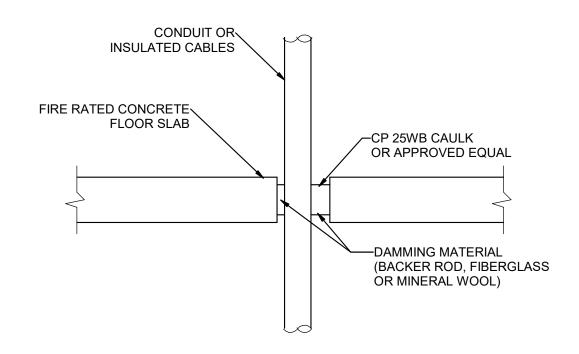


TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL

SCALE: NTS

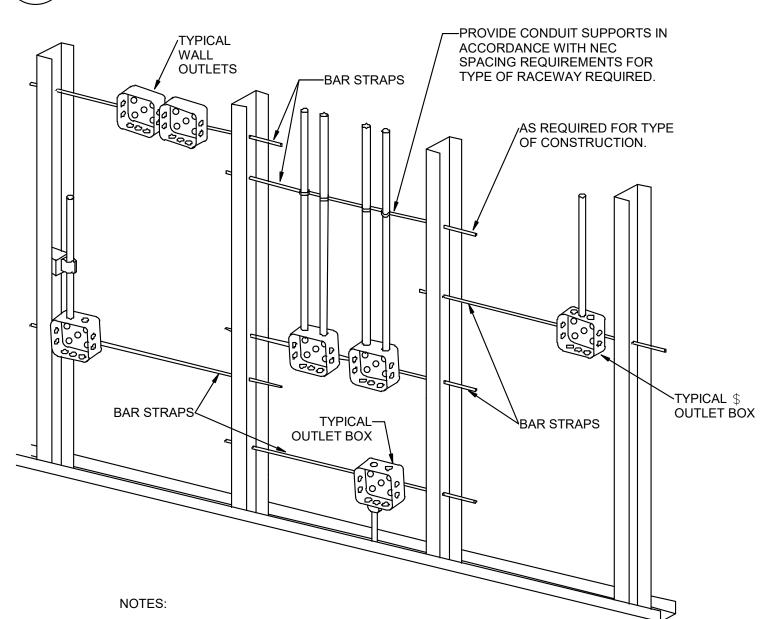


TYPICAL FIRE STOP FOR CABLES/CONDUIT 3 THROUGH CONCRETE WALLS EE501 SCALE: NTS



TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING

EE501/SCALE: NTS



- 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
- 5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

TYPICAL ROUGH-IN REQUIREMENTS DETAIL

EE501 SCALE: NTS

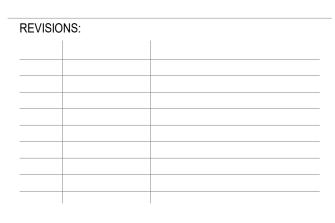


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GSD SECURITY REMODEL

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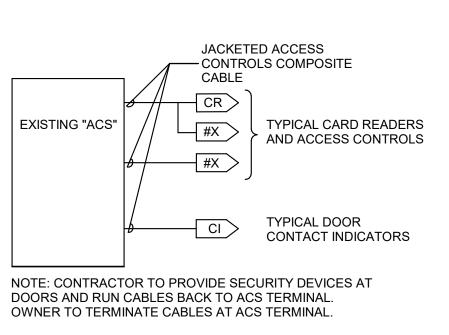
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2023.030.00 10/31/2023

ELECTRICAL DETAILS

EE501



8 RISER DIAGRAM

FINISHED FLOOR

HARDWARE SETS:

1" CND & YELLOW BANANA ACCESS -

CONTROL COMPOSITE CABLE (22/6

COPPER WIRES); PLENUM RATED

UNLESS NOTED OTHERWISE

3/4" CND &-

22/2; 22/4; 18/4

SHIELDED; 18/4; 22/2; 22/4 STRANDED

EE601/SCALE: NTS

FINISHED CEILING

FINISHED FLOOR

HARDWARE SETS:

EE601/SCALE: NTS

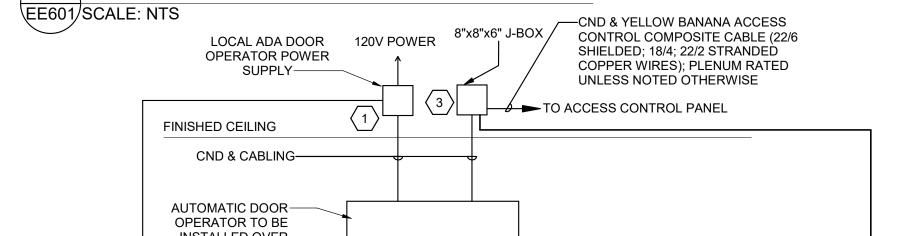
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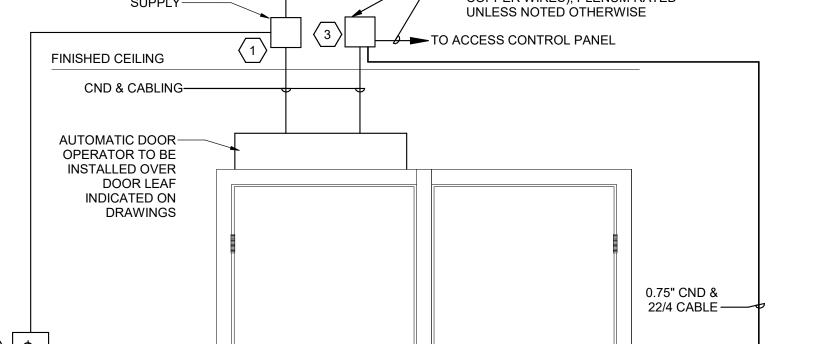
DOUBLE DOOR CONTACT

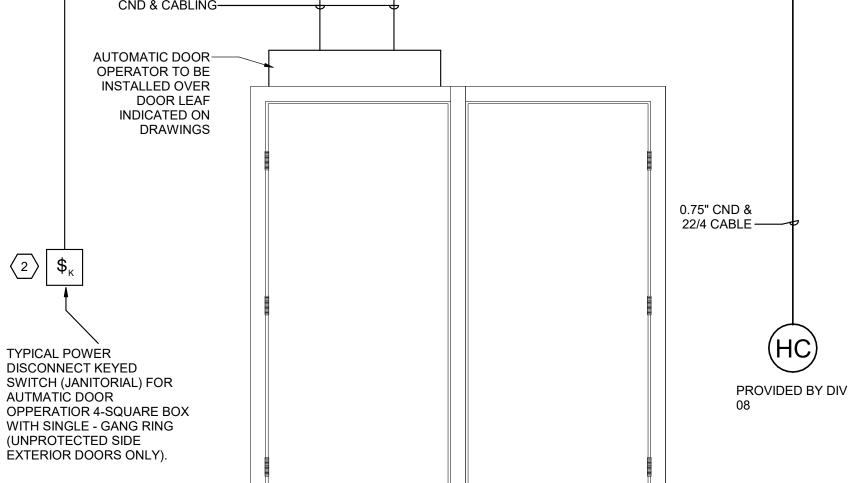
7 DOOR OPERATOR DETAIL

DOUBLE DOOR ADA AUTOMATIC

AUXILIARY ACCESS CONTROLS







♦ TO ACCESS CONTROL PANEL

SWITCH 1G BOX

FINISHED FLOOR HARDWARE SETS: DOUBLE DOOR CARD READER 4 DEVICE DETAIL

8"x8"x6" J-BOX—

(PROTECTED SIDE UNLESS)

OTHERWISE NOTED)

FINISHED CEILING

-1" CND & YELLOW BANANA ACCESS

CONTROL COMPOSITE CABLE (22/6

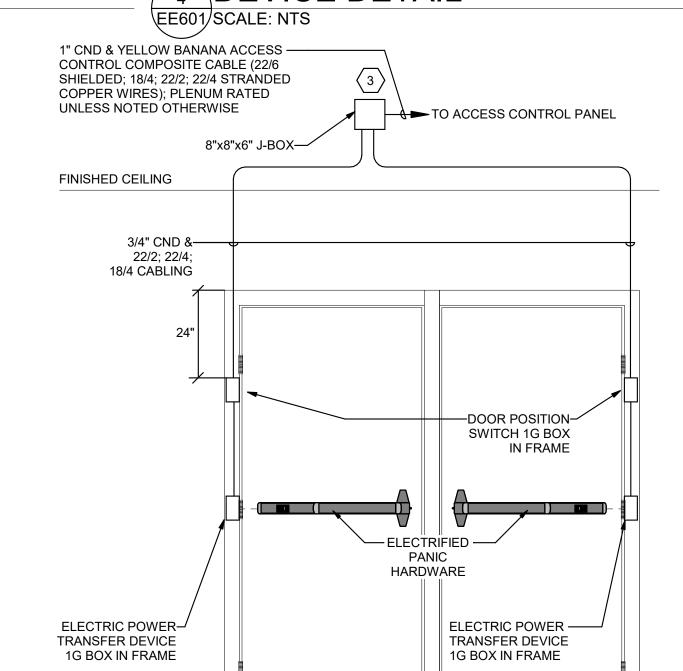
SHIELDED; 18/4; 22/2 STRANDED

UNLESS NOTED OTHERWISE

TO ACCESS CONTROL PANEL

3/4" CND & 22/6 SHIELDED CABLING-

COPPER WIRES); PLENUM RATED



DOUBLE DOOR ELECTRIFIED LATCH EXIT DEVICE DETAIL EE601/SCALE: NTS

FINISHED FLOOR

HARDWARE SETS: AL01, AL02

SHEET KEYNOTES

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

4SQ = FOUR SQUARE JUNCTION BOX 1G = SINGLE GANG

= SINGLE GANG

ACC = ACCESSIBLE

CI

—1" CND & YELLOW BANANA

COMPOSITE CABLE (22/6

SHIELDED; 18/4; 22/2; 22/4

WIRES); PLENUM RATED

TO SECURITY HEADEND

ACCESS CONTROL

STRANDED COPPER

UNLESS NOTED

OTHERWISE

EQUIPMENT "SEC"

-AUTOMATIC

DOOR

OPERATOR

0.75" CND & 22/4 CABLE —

PROVIDED BY DIV

-3/4" CND & 18/4 CABLING

8"x8"x6" J-BOX

120V POWER

LOCAL ADA DOOR

OPERATOR POWER

SUPPLY-

TYPICAL POWER

AUTMATIC DOOR

TYPICAL CARD READER

4-SQUARE BOX WITH

(UNPROTECTED SIDE)

SINGLE-GANG RING

DISCONNECT KEYED

SWITCH (JANITORIAL) FOR

OPPERATIOR 4-SQUARE

BOX WITH SINGLE - GANG

EXTERIOR DOORS ONLY).

RING (UNPROTECTED SIDE

FINISHED FLOOR

HARDWARE SETS:

FINISHED CEILING

3/4" CND &-

CABLING

120V POWER

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SPECTRUM

= CENTRAL CONTROL = DOOR CONTACT INDICATOR SWITCH

= ACCESS CONTROL SYSTEM CONTROLLER

= ASSISTED DISABILITY OPENER (AUTOMATIC

= CARD READER

ABBREVIATIONS LIST

EPT = POWER TRANSFER OR ELECTRIC HINGE

= ELECTRIC LOCKSET = ELECTRIC STRIKE

= FIRE ALARM SYSTEM L/PS = LOCK POWER SUPPLY

= LOCK INDICATOR SWITCH IN HARDWARE = PANIC HARDWARE LATCH POSITION SWITCH

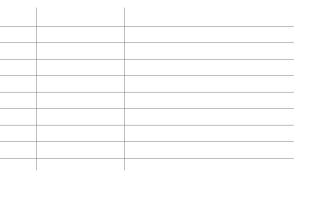
= MOTION DETECTOR = ELECTROMAGNETIC LOCK

PB = PUSH BUTTON = PANIC HARDWARE (CRASH BAR)

= POWER SUPPLY REX = REQUEST TO EXIT SWITCH/FUNCTION

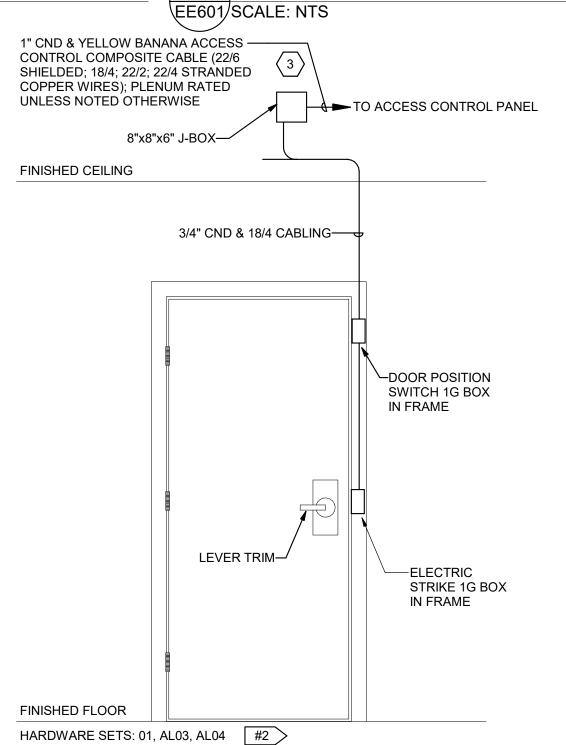
= REMOTE SWITCH TLC = TIME/CALENDAR SCHEDULE IN ACS

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SINGLE DOOR ADA AUTOMATIC **DOOR OPERATOR DETAIL**



SINGLE DOOR ELECTRIC STRIKE 3 DOOR DETAIL EE601/SCALE: NTS

1" CND & YELLOW BANANA ACCESS -CONTROL COMPOSITE CABLE (22/6 SHIELDED; 18/4; 22/2; 22/4 STRANDED COPPER WIRES); PLENUM RATED **♦** TO ACCESS CONTROL PANEL 8"x8"x6" J-BOX-(PROTECTED SIDE UNLESS OTHERWISE NOTED) FINISHED CEILING 3/4" CND & 22/6 SHIELDED CABLING-TYPICAL CARD READER 4-SQUARE BOX WITH SINGLE-GANG RING (UNPROTECTED SIDE) FINISHED FLOOR CR HARDWARE SETS:

SINGLE DOOR CARD READER DEVICE DETAIL

EE601/SCALE: NTS

GSD SECURITY REMODEL

5770 WEST 5100 SOUTH SALT LAKE CITY, UT 84118

2500 SOUTH STATE STREET, SALT LAKE CITY, UT

OWNER PROJECT NO. 2023.030.00 **GSBS PROJECT NO.:**

ISSUED DATE: 10/31/2023 **AUXILIARY DIAGRAMS**

EE601

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 MIMIMUM 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.
- 4. 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.
- 5. COORDINATE WITH OWNER I.T. PERSONNEL ON RACK PATCH PANEL DENSITY PRIOR TO ANY CABLE TERMINATION.
- 6. FACEPLATE COLOR WILL BE DETERMINED BY THE ARCHITECT AND OWNER. FACEPLATE COLOR SHOULD MATCH ELECTRICAL FACEPLATE COLOR, UNLESS OTHERWISE SPECIFIED.
- 7. FOR EVERY CABLE PULL SPECIFIED, COIL 10" OF EXCESS CABLE AT THE STATION END FOR FUTURE USE.
- 8. COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.



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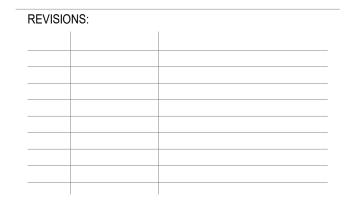
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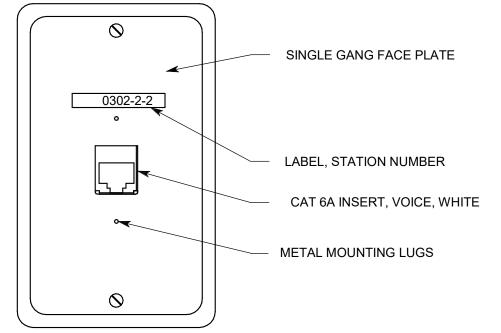
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SINGLE GANG FACE PLATE

LABEL, STATION NUMBER

CAT 6A INSERT

EE801/SCALE: NTS

 \bigcirc 0302-2-2

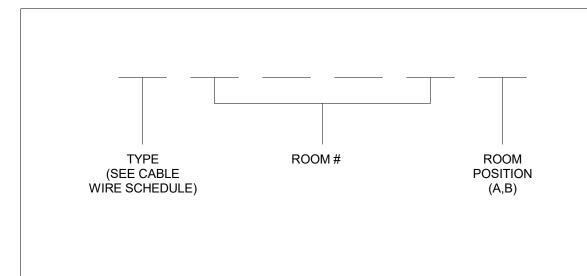
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TYPICAL 2 DATA OUTLET



EE801/SCALE: NTS



IDENTIFYING CODE. LABEL SHALL BE PERMANENT AND SHALL BE MACHINE PRINTED (NOT HAND PRINTED). SUBMIT PROPOSED LABEL MATERIAL FOR APPROVAL.

LENGTH, SHALL BE LABELED WITH A UNIQUE

1. ALL CABLE/WIRE, REGARDLESS OF

NOTES:

2. PRIOR TO LABEL CREATION, SUBMIT FOR APPROVAL PROPOSED ROOM NUMBER SCHEME FOR CABLE LABELS.

1. EQUIPMENT SHOWN AS HALF TONE ARE PROVIDED BY

2. "X" SUBSCRIPT SHALL MATCH NUMBER SHOWN IN PLAN

VIEW. PROVIDE SAID NUMBER OF CABLES.

OTHERS OR EXISTING

GSD SECURITY REMODEL

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OWNER PROJECT NO.: GSBS PROJECT NO.: ISSUED DATE:

10/31/2023 TELECOM DETAILS

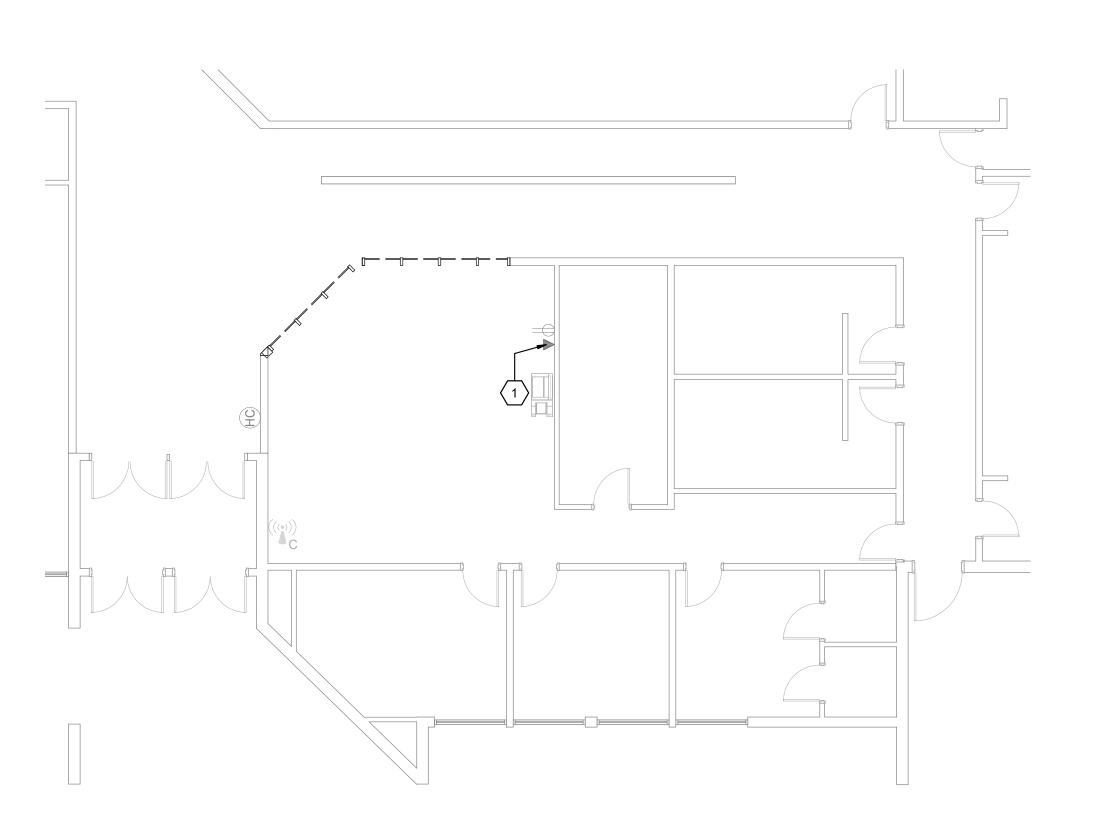
<u>6A</u> 2 DATA -6A (X)DATA-6A SECURITY TO TELECOMMUNICATIONS PROVIDER VOIP LIU LIU SERVER EXISTING RACK AND EQUIPMENT

CABLE RISER DIAGRAM

EE801/SCALE: NTS

EE801

2023.030.00



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

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.
- B 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.
- 10 DEMOLISH ALL DATA AND WI-FI ACCESS POINTS WHETHER SHOWN ON DRAWINGS OR NOT WITHIN SCOPE OF WORK
- 11 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNETS, ETC. BACK TO SOURCE
- 12 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 13 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.
- 14 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.



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OWNER PROJECT NO.: GSBS PROJECT NO.: ISSUED DATE:

LEVEL 1 ELECTRICAL **DEMOLITION PLAN**

PROJECT NORTH

2023.030.00

10/31/2023

FINISHES. EXISTING ELECTRICAL PANELS **EXISTING ELECTRICAL** ROOM AND PANEL LOCATIONS WEATHER VEST.

OVERALL ELECTRICAL PLAN

EP101 1" = 20'-0"

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.
- 3 INSTALL LIGHT FIXTURES INLINE AND CENTERED.
- ARCHITECT TO SELECT ALL LIGHT FIXTURE
- 5 ALL LIGHT FIXTURES THAT PENETRATE FIRE RATED SURFACE/ASSEMBLY SHALL BE IN A FIRE RATED ENCLOSURE OR BE PROVIDED WITH A FIRE RATED ASSMBLY (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 NECISSARY TO RESTOR FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTRUAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRE STOPPING MATERIALS, AND REQUREMENTS.
- 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 MANUFACTURES 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."
- 10 ALL RACEWAYS SHALL BE LISTED TAMPER RESISTANT

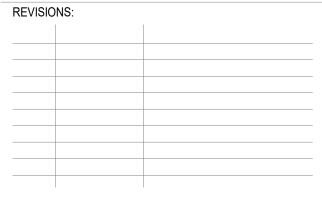
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○ SHEET KEYNOTES

1 EY - AUXILIARY

2 ET - TELECOMMUNICATIONS

Project Status

GSD SECURITY REMODEL

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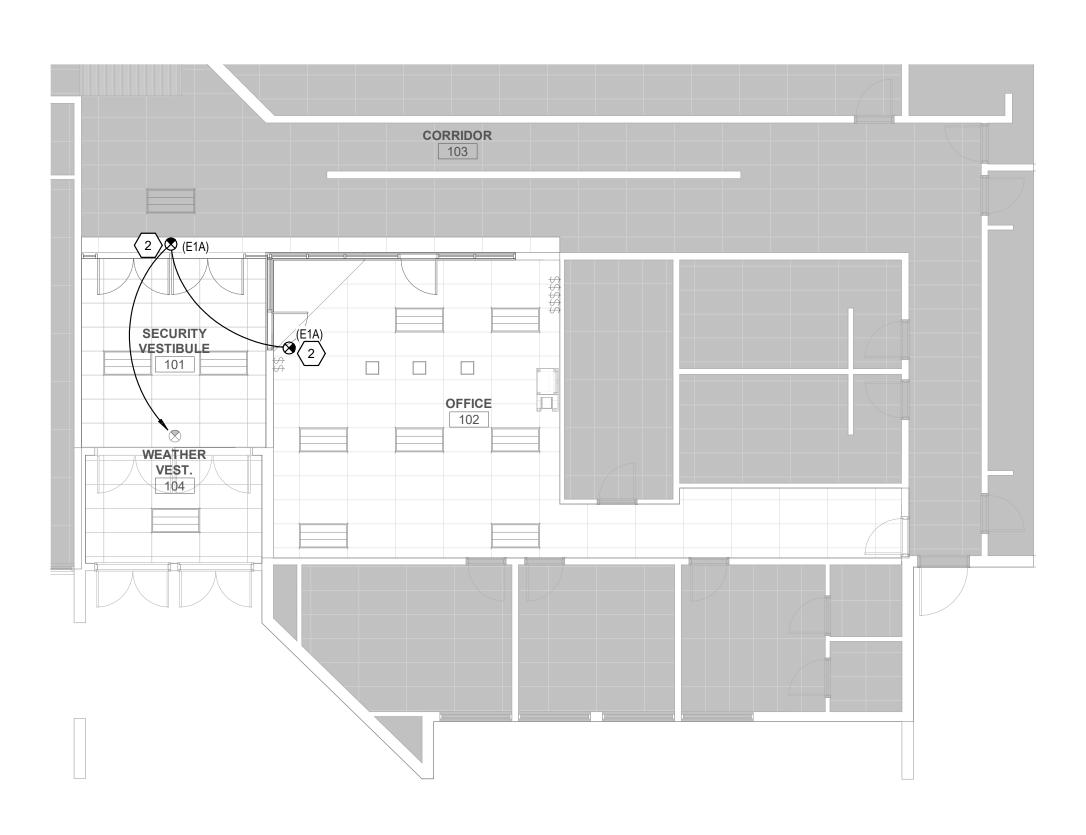
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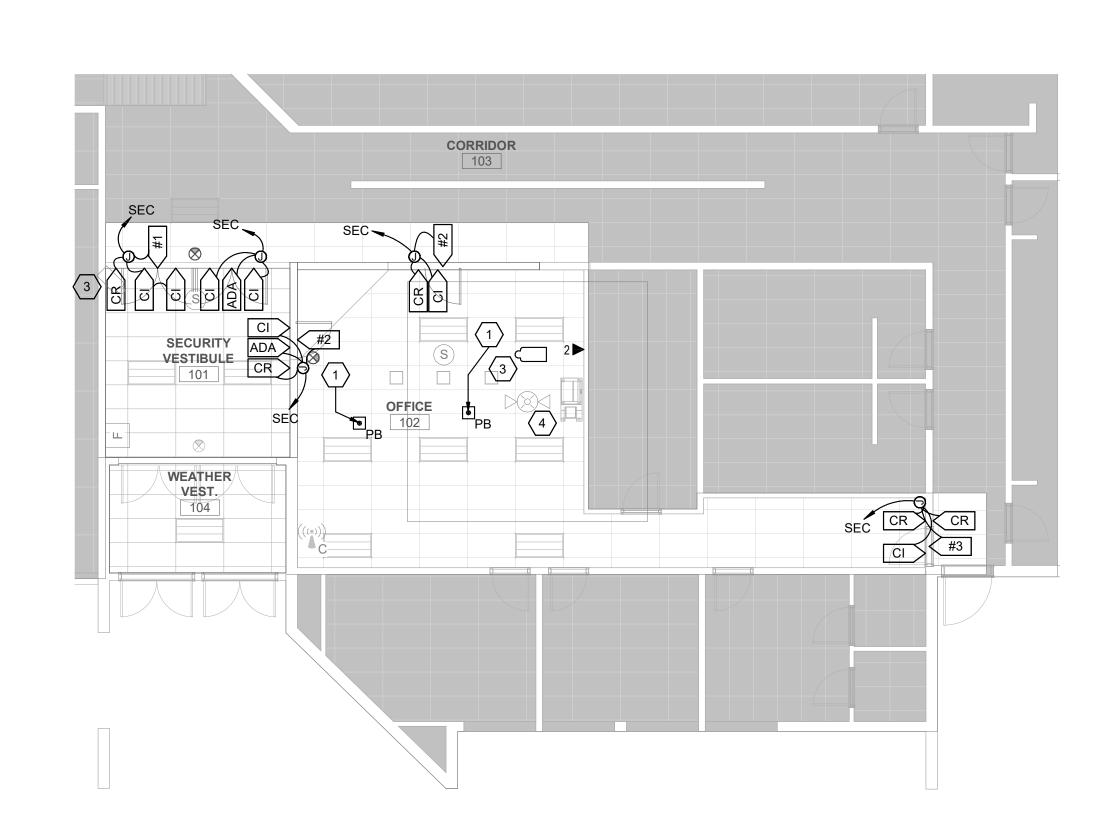
2023.030.00

PROJECT NORTH OVERALL ELECTRICAL PLAN





3 LIGHTING CEILING PLAN





NOTES

- 3 INSTALL LIGHT FIXTURES INLINE AND CENTERED.
- ARCHITECT TO SELECT ALL LIGHT FIXTURE
- 5 ALL LIGHT FIXTURES THAT PENETRATE FIRE RATED SURFACE/ASSEMBLY SHALL BE IN A FIRE RATED ENCLOSURE OR BE PROVIDED WITH A FIRE RATED ASSMBLY (LISTED PUTTY PADS) TO MAINTAIN A FIRE
- OWNER INSTALLED. CONTRACTOR TO INSTALL RACEWAYS AND CABLING. COORDINATE EXACT LOCATIONS OF CAMERA ROUGH-IN WITH OWNER PRIOR TO INSTALLING.

"D" INDICATES CONNECTION TO

(102A)

CIRCUIT PANEL

CORRIDOR

103

OFFICE

102

(101A)

SECURITY

VESTIBULE

101

WEATHER VEST.

104

(102C)

ELECTRICAL FLOOR PLAN

GENERAL SHEET

- 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.
- FINISHES.
- RATING OF SURFACE PENETRATED.
- SECURITY CAMERAS ARE OWNER FURNISHED

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 NECISSARY TO RESTOR FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTRUAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRE STOPPING MATERIALS, AND REQUREMENTS.
- 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 MANUFACTURES WRITTEN INSTRUCTIONS. COORDINATE OPERATION OF DOORS WITH SECURITY, FIRE, AND SMOKE CONTROL SEQUENCES OF OPERATION.
- 9 INSTALLATION SHOULD BE IN ACCORDANCE WITH THE NFPA "NATIONAL ELECTRICAL CODE."
- 10 ALL RACEWAYS SHALL BE LISTED TAMPER RESISTANT



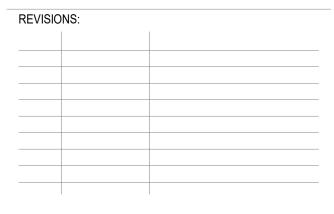
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○ SHEET KEYNOTES

- 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

Project Status

GSD SECURITY REMODEL

5770 WEST 5100 SOUTH SALT LAKE CITY, UT 84118

2500 SOUTH STATE STREET, SALT LAKE CITY, UT

OWNER PROJECT NO.: GSBS PROJECT NO.: ISSUED DATE:

10/31/2023 FLOOR & RCP ELECTRICAL **PLANS**

2023.030.00

PROJECT NORTH

EP110