



DESIGN & CONSTRUCTION GROUP  
THE GOVERNOR NELSON A. ROCKEFELLER  
EMPIRE STATE PLAZA  
ALBANY, NY 12242

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**ADDENDUM NO. 3 TO PROJECT NO. 47513**

**CONSTRUCTION, HVAC, PLUMBING AND ELECTRICAL WORK  
REHABILITATE STORAGE SPACE, BUILDING 140  
WASHINGTON CORRECTIONAL ANNEX BUILDING  
72 LOCK 11 LANE  
COMSTOCK, NY**

June 27, 2024

<p><b>NOTE:</b> This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.</p>
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**GENERAL REQUIREMENTS – COMMON DOCUMENTS**

1. Page 011000 - 2: Article 1.06: ADD Paragraph B to Read:

“B. Any work requiring access to the occupied areas of this building will be required to take place from 9:00AM to 5:00PM. Work in the unoccupied areas is acceptable starting at 7:00AM for normal work shifts.”

**ELECTRICAL WORK SPECIFICATIONS**

2. Page 260519 – 2, Subparagraph 2.01.D.1.d: DELETE Subparagraph and all mention of MC type cable.
3. Page 260519 – 9, Subparagraph 3.10.A.8: DELETE Subparagraph in its entirety.

**CONSTRUCTION WORK DRAWINGS**

4. Revised Drawings:
- a. Drawing No. A-001, noted “Addendum 3 6/27/24”, accompanies this Addendum and supersedes the same numbered originally issued drawing.

**ELECTRICAL WORK DRAWINGS**

5. Revised Drawings:
- a. Drawing Nos. E-101, ED-101, E-201, E-301, E-601, and SE-101, noted “Addendum 3 6/27/24”, accompany this Addendum and supersede the same numbered originally issued drawings.

**END OF ADDENDUM**

Brady Sherlock, P.E.  
Director, Division of Design  
Design & Construction



ABBREVIATIONS	
A	
AC	AIR CONDITIONING
AB	ANCHOR BOLT
ACC	ACCESSIBLE
ACS PNL	ACCESS PANEL
ADDUM	ADDENDUM
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AHR	ANCHOR(AGE)
ALT	ALTERNATE
ALUM	ALUMINUM
ANN PNL	ANNUNCIATOR PANEL
ANOD	ANODIZED
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
ASB	ASBESTOS
ASPH	ASPHALT
ATC	ACOUSTICAL TILE CEILING

B	
BD	BOARD
BEV	BEVELED
BLDG	BUILDING
BLKG	BLOCKING
BLKT	BLANKET
BM	BEAM, BEAM/MARK
BOT OF	BOTTOM OF
BRG	BEARING
BSMT	BASEMENT
BUR	BUILT-UP ROOF

C	
CAB	CABINET
CEM	CEMENT
CH BD	CHALKBOARD
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CLG	CEILING
CLL	CONTRACT LIMIT LINE
CLO	CLOSET
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMPT	COMPOSITE
CMT	CERAMIC MOSAIC TILE
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPRS FL	COMPRESSIBLE FILLER
CPT	CARPET
CR	CARD READER
CRS	COLD-ROLLED STEEL
CT	CERAMIC TILE

D	
DET	DETAIL
DF	DRINKING FOUNTAIN
DFCT	DEFLECTION
DH	DOUBLE HUNG
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DMPF	DAMP-PROOFING
DR	DOOR
DS	DOWNSPOUT
DWG / DWGS	DRAWING / DRAWINGS

E	
EA	EACH
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EMHO	ELECTROMAGNETIC HOLD OPEN
ENTR	ENTRANCE
EP	ELECTRIC PANEL
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EWG	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPOSED, EXPANSION
EXT	EXTERIOR

F	
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEQ	FIRE EXTINGUISHER CABINET
FI	FIRE HYDRANT
FIN	FINISHED
FIXT	FIXTURE
FLASH	FLASHING

ABBREVIATIONS	
FLG	FLOORING
FLR	FLOOR
FM	FACTORY MUTUAL
FO	FACE OF
FOF	FACE OF FINISH
FOS	FACE OF STUD
FP	FIREPROOFING
FR	FRAME
FRMG	FRAMING
FRP	FIBERGLASS REINFORCED PLASTIC PANEL
FRTV	FIRE RETARDANT TREATED WOOD
FT	FOOT/FEET
FTG	FOOTING
FURG	FURNING
FURN	FURNISHED/FURNITURE
FWC	FABRIC WALL COVERING

G	
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GCT	GLAZED CERAMIC TILE
GL	GLASS/GLAZING
GWB	GYPSUM WALLBOARD
GYP	GYPSUM

H	
HC	HOLLOW CORE
HCP	HANDICAPPED
HDBD	HARDBOARD
HDW	HARDWARE
HDWD	HARDWOOD
HML	HOLLOW METAL
HNDRL	HANDRAIL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HVAC	HEATING/VENTILATING/AIR CONDITIONING

I	
ID	INSIDE DIAMETER
INCL	INCLUDED(INCL)
INSUL	INSULATED(D)(-ION)(-ING)
INT	INTERIOR
INV	INVERT

J	
JAN	JANITOR
JT	JOINT

L	
LAM	(LAMINATED)
LAV	LAVATORY
LF	LINEAR FEET
LL	LIVE LOAD
LH	LONG LEG HORIZONTAL
LV	LONG LEG VERTICAL
LT GA	LIGHT GAUGE
LTG	LIGHTING
LVR	LOUVER

M	
MACH	MACHINE
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MKR BD	MARKER BOARD
MLDG	MOULDING
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTL	METAL
MULL	MULLION

N	
NA	NOT APPLICABLE
NAT	NATURAL
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE

O	
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE

P	
PBD	PARTICLE BOARD
PCT	PORCELAIN CERAMIC TILE
PERIM	PERIMETER
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL

ABBREVIATIONS	
PNT	PAINT
PNTD	PAINTED
PR	PAIR
PREFAB	PREFABRICATED
PT	PRESSURE TREATED
PTD	PAPER TOWER DISPENSER
PTN	PARTITION
PVC	POLYVINYL CHLORIDE (PLASTIC)
PVG	PAVING

Q	
QT	QUARRY TILE
QTY	QUANTITY

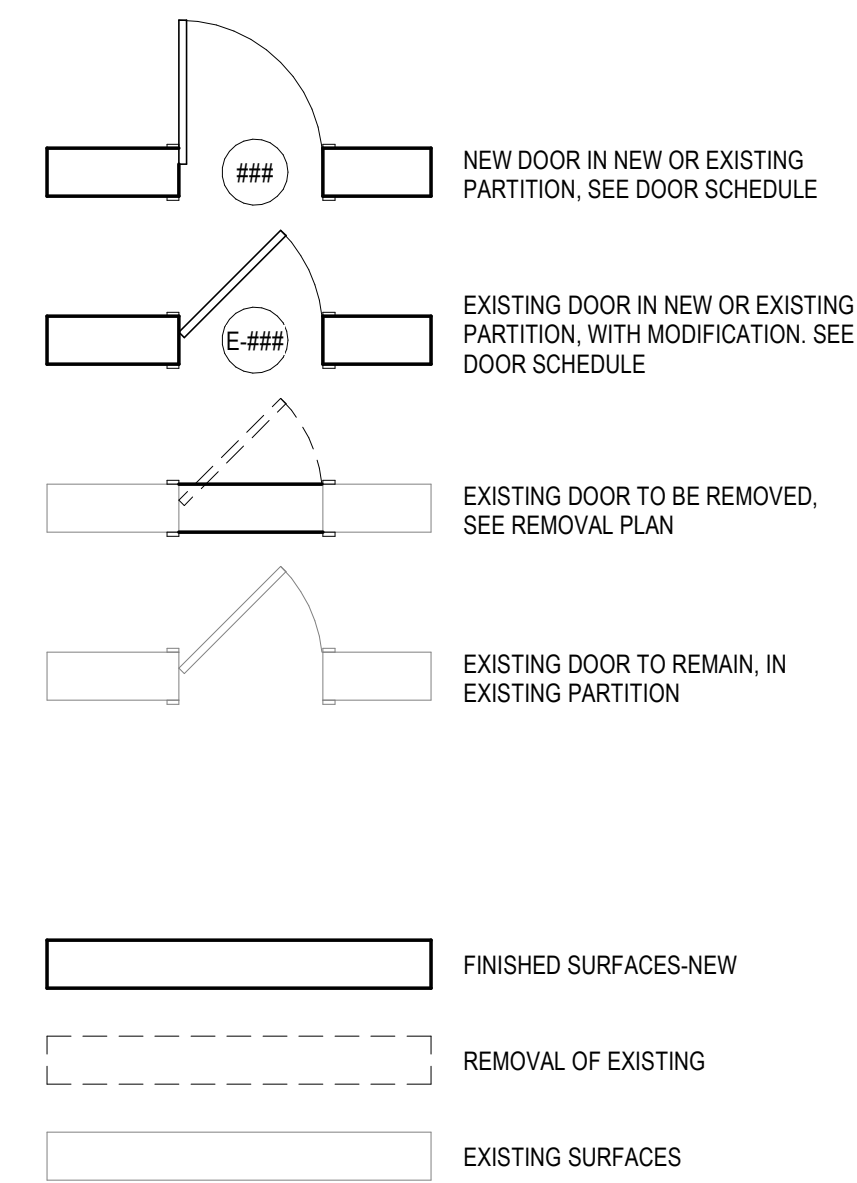
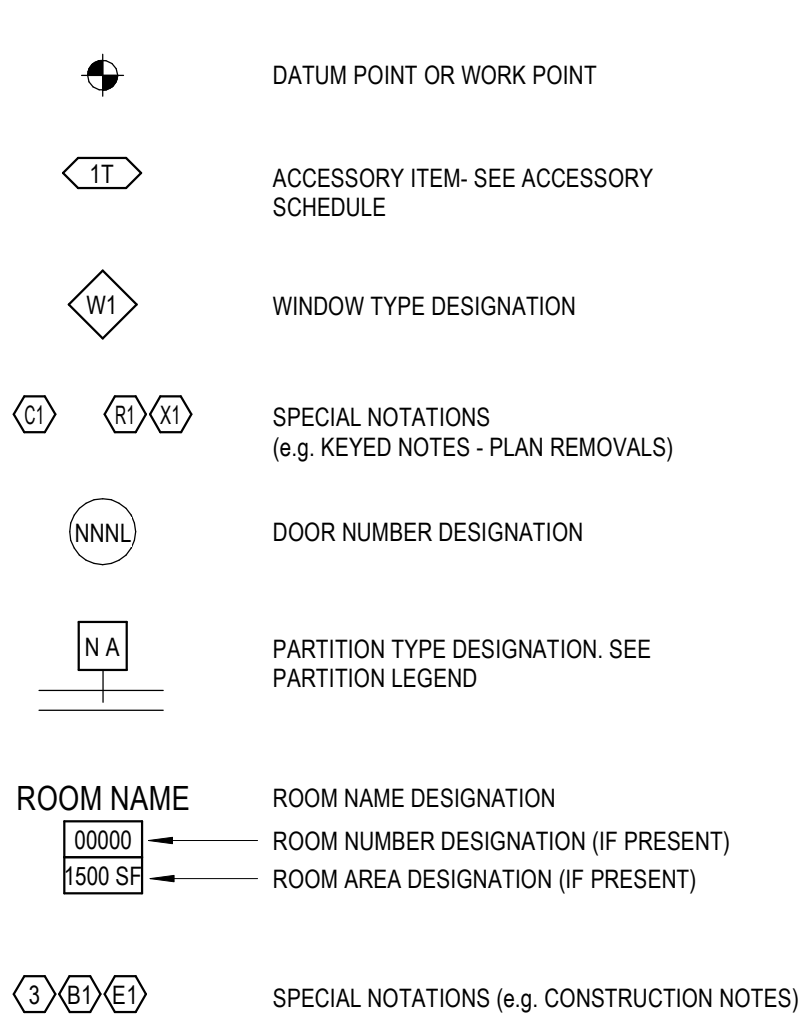
R	
RD	ROOF DRAIN
R	RADIUS/RISER
RB	RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
REF	REFRIGERATOR
REINF	REINFORCE(D)
REQD	REQUIRED
RESIL	RESILIENT
RESIL C	RESILIENT CHANNEL
RET	RETURN
REV	REVISION
RM	ROOM
RO	ROUGH OPENING

S	
SC	SOLID CORE
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET
SHT	SHEET
SHTNG	SHEATHING
SIM	SIMILAR
SLNT	SEALANT
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SPEC	SPECIFICATION
SPKLR	SPRINKLER
SQ	SQUARE
SSM	SOLID SURFACE MATERIAL
SST	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STL_JST	STEEL JOIST
STL LNTL	STEEL LINTEL
STL PLATE	STEEL PLATE
STN	STONE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SVT	SHEET VINYL FLOORING
SYMM	SYMMETRICAL

T	
T	TREAD
T&G	TONGUE AND GROOVE
TEL	TELEPHONE
TEMP	TEMPERATURE
TER	TERRAZZO
TERM	TERMINAL
THK	THICKNESS
THRES	THRESHOLD
TK BD	TACKBOARD
TMFD	TEMPERED
TO	TOP OF
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TOW	TOP OF WALL
TRANS	TRANSOM, TRANSPARENT
TYP	TYPICAL

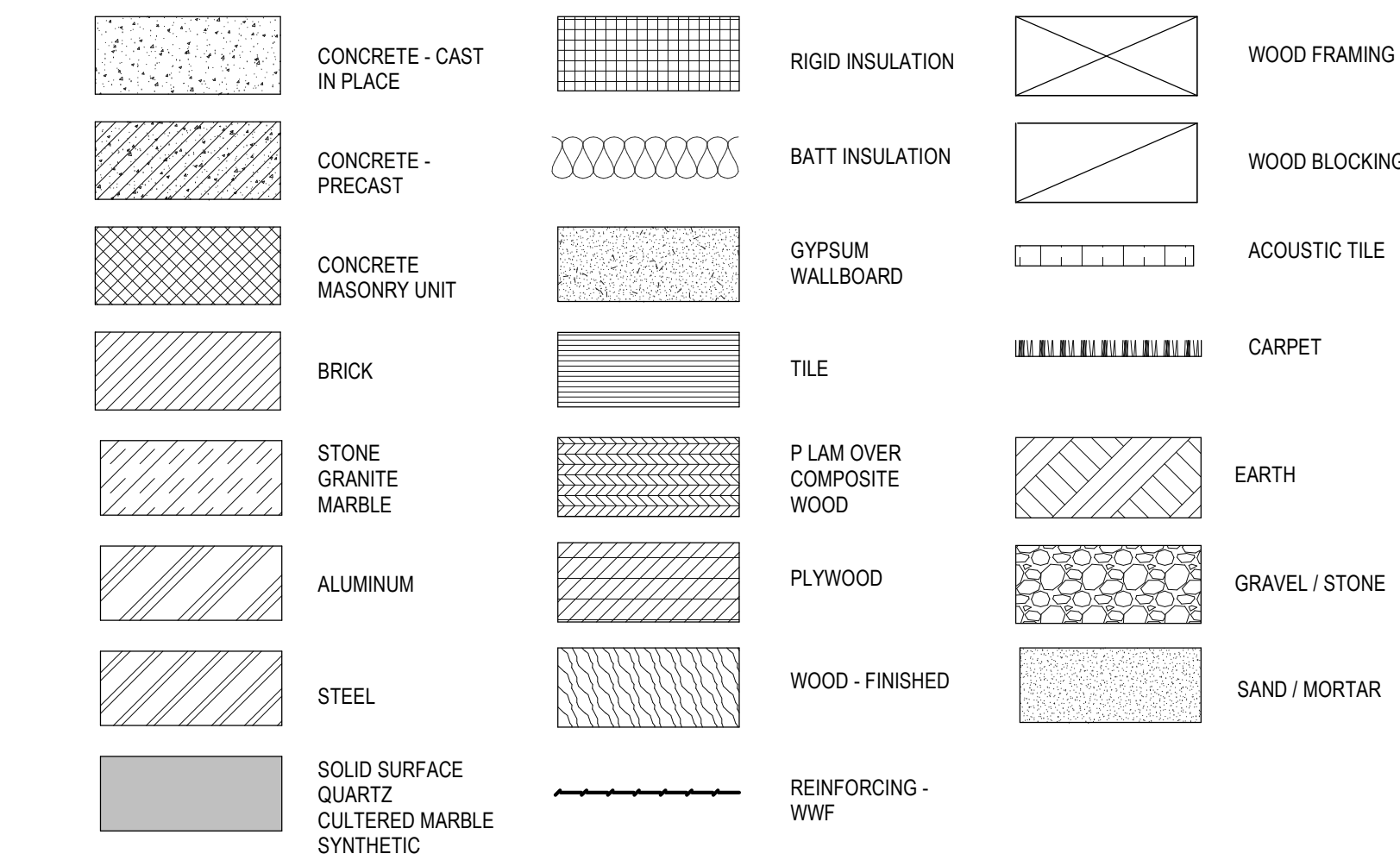
U	
UC	UNDERCUT
UL	UNDERWRITER'S LABATORY (TEST)
UNO	UNLESS NOTED OTHERWISE
URNL	URNAL
V	
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VNR	VENEER
VP	VENEER PLASTER
VR	VAPOR RETARDER
VT	VINYL TILE
VWC	VINYL WALLCOVERING

W	
W	WIDE
WI	WITH
WIO	WITHOUT
WIC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WDWT	WINDOW TREATMENT
WGL	WIRED GLASS
WPF	WATERPROOFING
WPT	WORKPOINT
WS	WEATHERSTRIP
WWF	WELDED WIRE FABRIC



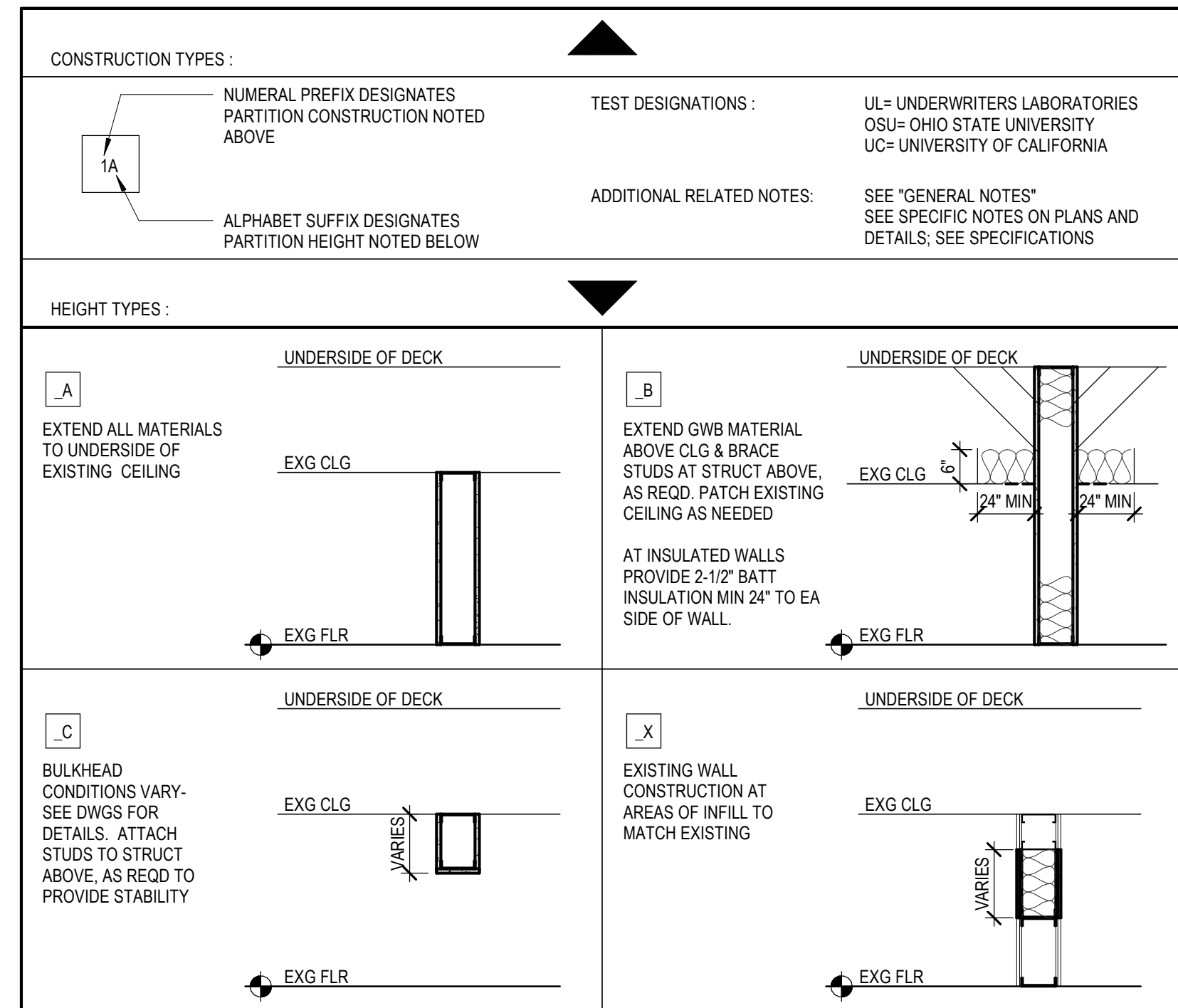
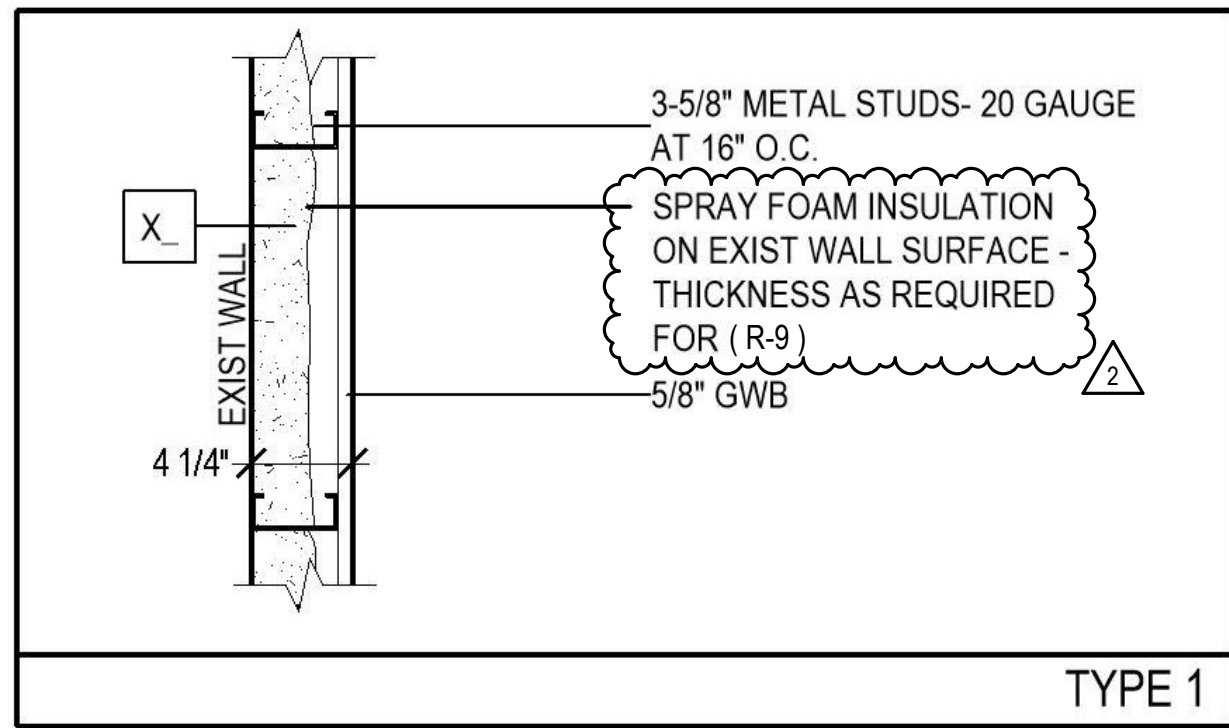
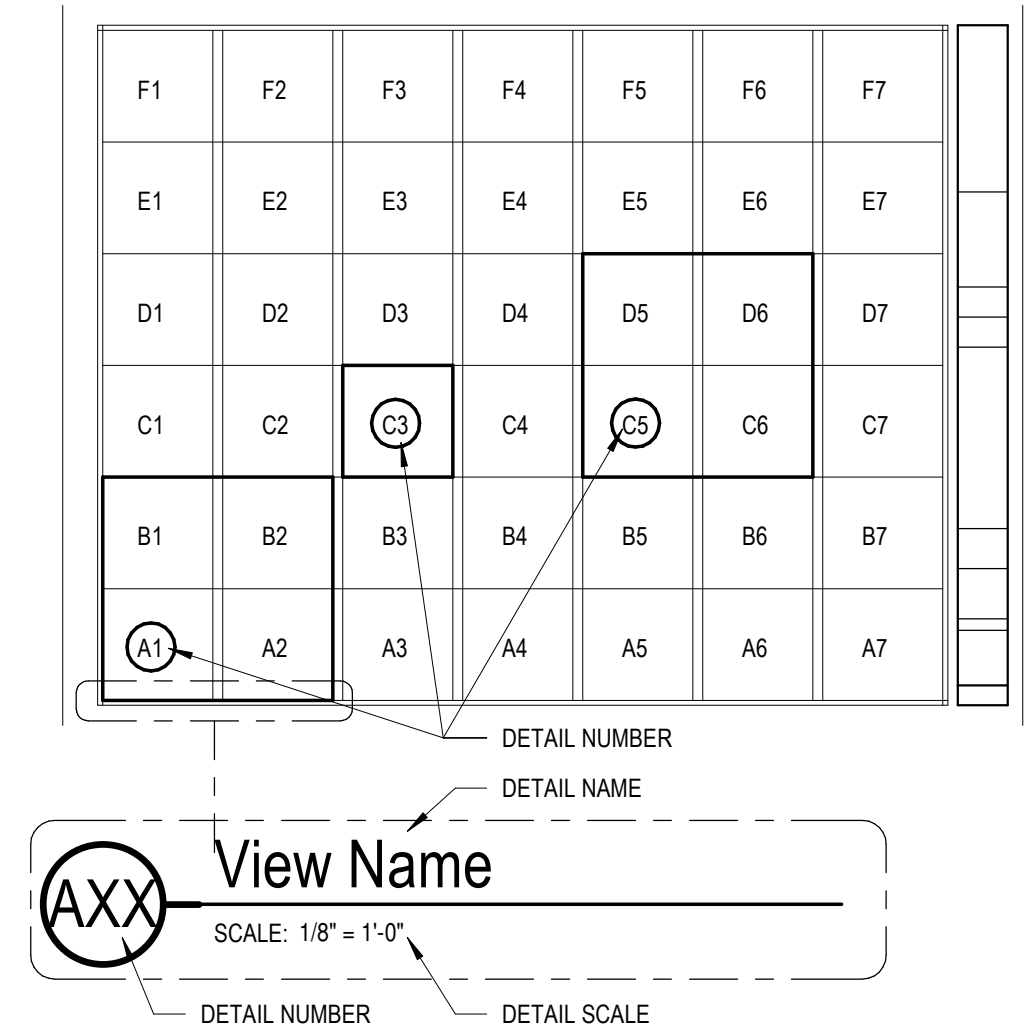
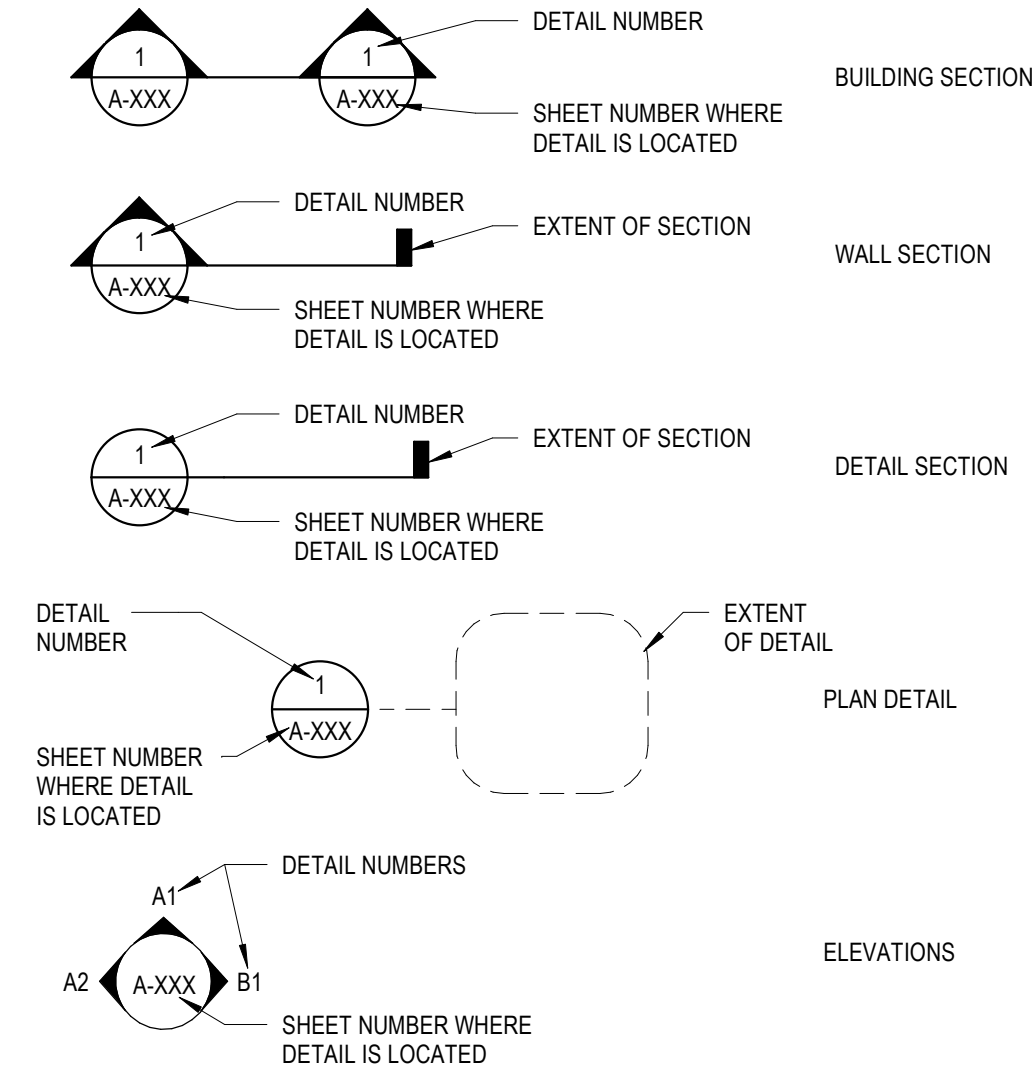
## D2 GRAPHIC KEY

SCALE: NO SCALE



## B2 MATERIALS LEGEND

SCALE: NO SCALE



## PARTITION CONSTRUCTION TYPES

SCALE: 1/2" = 1'-0"

## B1 ABBREVIATIONS

SCALE: NO SCALE

CONSULTANT

CERTIFICATE OF AUTHORIZATION: NOT APPLICABLE



WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



EXP: MAY 31, 2025

CONTRACT:

CONSTRUCTION

TITLE:

REHABILITATE STORAGE SPACE, BUILDING 140

LOCATION:

WASHINGTON CORRECTIONAL ANNEX  
 BUILDING  
 72 LOCK 11 LANE COMSTOCK, NY

CLIENT:

NEW YORK STATE OFFICE OF VICTIM SERVICES

MARK	DATE	DESCRIPTION
1	6/27/2024	ADDENDUM 3
2	6/20/2024	ADDENDUM 2
3	04/01/2024	ISSUE FOR BID
4	12/06/2023	CONSTRUCTION DOCUMENTS

PROJECT NUMBER

47513-C

DESIGNED BY

DRAWN BY

FIELD CHECK

APPROVED

SHEET TITLE

GENERAL AND PARTITION INFORMATION

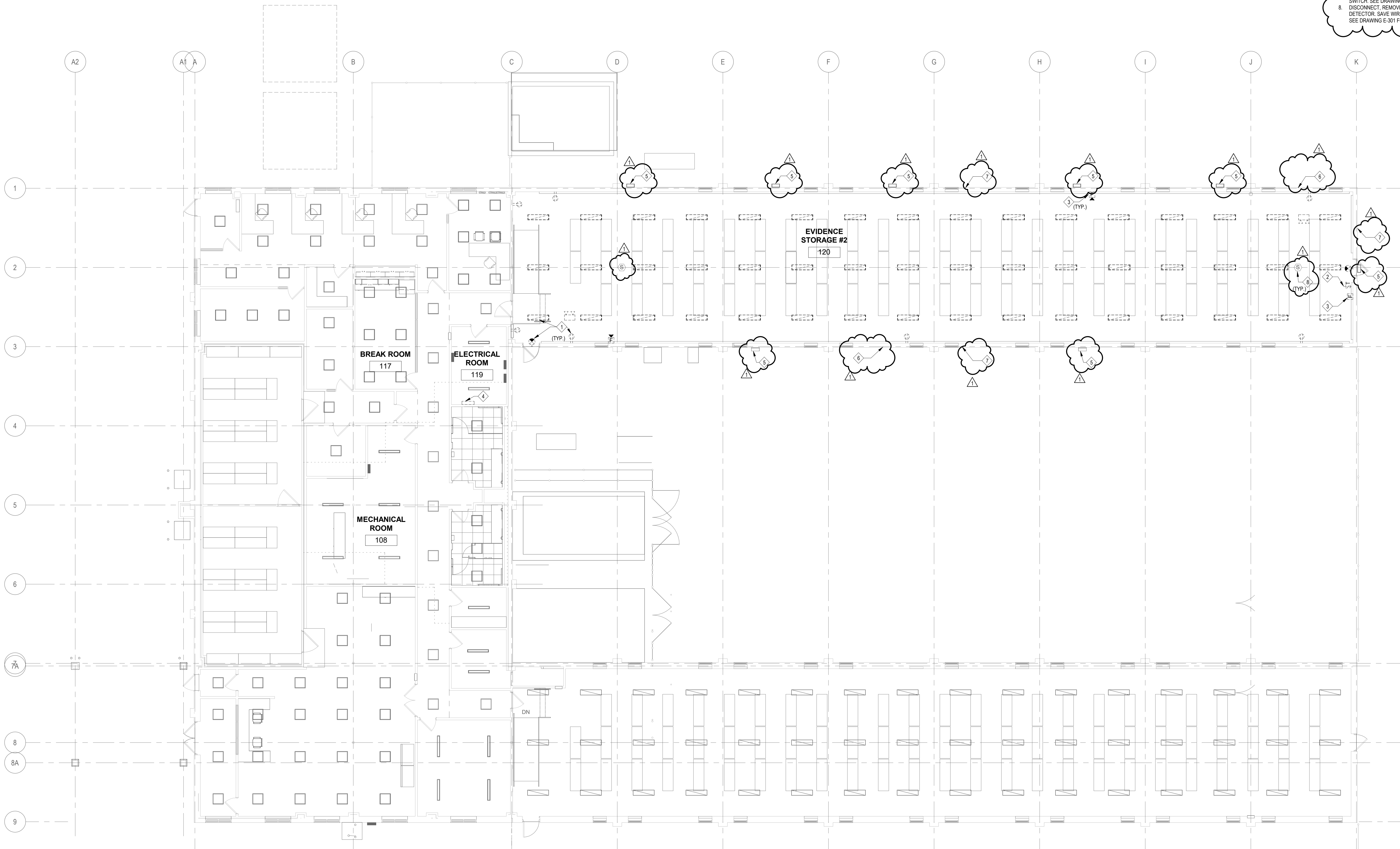
A-001

SHEET 9

OF 15



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42x30 PLOT SHEET



#### GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, ALL ITEMS SHOWN AS DASHED AND ANY ASSOCIATED CONDUIT & WIRE SHALL BE REMOVED BACK TO SOURCE PANEL.
2. ALL INTERRUPTIONS OF POWER FOR REMOVAL SHALL BE SCHEDULED AND COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE. ELECTRICAL CIRCUITS FEEDING FROM OR THROUGH THE CONTRACT AREA SHALL BE MAINTAINED.
3. PROVIDE BLANK COVERS FOR ALL ABANDONED BOXES CREATED BY REMOVALS. ALL DISCONNECT BOXES, WIRING, ETC. SHALL BE PROPERLY SUPPORTED, SECURED AND LABELED DURING REMOVAL AND CONSTRUCTION.

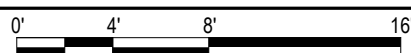
#### CODED ELECTRICAL NOTES

1. REMOVE EXISTING LIGHTING FIXTURES, RECEPTACLES AND CIRCUIT BACK TO PANEL "BPL". MAINTAIN EXISTING BRANCH CIRCUIT WIRING AND CONDUIT FOR CIRCUIT TO FIXTURES AND RECEPTACLES. SEE DRAWINGS E-101 AND E-201 FOR MORE INFORMATION.
2. REMOVE THERMOSTATIC CONTROL DEVICE CONDUIT AND WIRE BACK TO SOURCE.
3. REMOVE EXISTING FIRE ALARM DEVICES CONDUIT AND WIRE BACK TO SOURCE.
4. DISCONNECT AND REMOVE EXISTING SIMPLEX 4009 PANEL. MAINTAIN ALL EXISTING CIRCUITS. SEE DRAWING E-201 FOR MORE INFORMATION.
5. DISCONNECT, REMOVE AND SALVAGE EXISTING WALL PACK LIGHTING FIXTURES FROM EXTERIOR SURFACE FOR REINSTALLATION. MAINTAIN EXISTING BRANCH CIRCUIT WIRING AND CONDUIT FOR CIRCUIT TO EXISTING FIXTURES. SEE DRAWING E-201 FOR MORE INFORMATION.
6. DISCONNECT, REMOVE AND SALVAGE EXISTING POWER SUPPLIES ASSOCIATED WITH THE WALL MOUNTED FAN FOR REINSTALLATION AFTER SURFACE RESTORATION WORK. MAINTAIN ALL ASSOCIATED CONDUITS FOR CIRCUIT TO EXISTING FAN. SEE DRAWING E-101 FOR MORE INFORMATION.
7. DISCONNECT, REMOVE AND SALVAGE ALL EXISTING WALL MOUNTED JUNCTION BOX AND DISCONNECT SWITCH LOCATED ON EXTERIOR SURFACE FOR REINSTALLATION AFTER SURFACE RESTORATION WORK. MAINTAIN ALL EXISTING POWER SUPPLIES ASSOCIATED WITH THE WALL MOUNTED JUNCTION BOX. DISCONNECT SWITCH. SEE DRAWING E-101 FOR MORE INFORMATION.
8. DISCONNECT, REMOVE AND SALVAGE EXISTING SMOKE DETECTOR. SAVE WIRING AND CONDUIT FOR REUSE. SEE DRAWING E-201 FOR MORE INFORMATION.

1

## ELECTRICAL REMOVAL POWER PLAN

1/8" = 1'-0"



#### DESIGN & CONSTRUCTION



#### UNIFORM CODE STATEMENT:

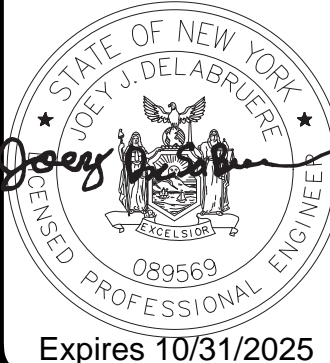
TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

#### ENERGY CODE WRITTEN STATEMENT:

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2018 ASHRAE 90.1, AND THE 2020 NYS ENERGY CODE SUPPLEMENT.

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#### CONTRACT:

### ELECTRICAL

TITLE:  
REHABILITATE STORAGE SPACE,  
BUILDING 140

LOCATION:  
WASHINGTON CORRECTIONAL ANNEX  
BUILDING  
72 LOCK 11 LANE COMSTOCK, NY

CLIENT:  
NEW YORK STATE OFFICE OF VICTIM  
SERVICES

1	06/27/2024	ADDENDUM 3	
	04/01/2024	ISSUE FOR BID	
0	12/06/2023	CONSTRUCTION DOCUMENTS	
MARK	DATE	DESCRIPTION	
PROJECT NUMBER:	47513-E		
DESIGNED BY:	Designer		
DRAWN BY:	RD		
FIELD CHECK:	Checker		
APPROVED:	Approver		
SHEET TITLE:			

### ELECTRICAL REMOVAL POWER PLAN

DRAWING NUMBER:

ED-101

SHEET: OF



NEW YORK STATE OFFICE OF VICTIM  
SERVICES

K	DATE	DESCRIPTION
ECT BER:	47513-E	
IGNED BY:	Designer	
WN BY:	RD	
CHECK:		
OVIED:		
ET TITLE:		

-101

EET: OF

PROVIDE EXTENSIONS BOX AND EXTENDED WIRING AS REQUIRED.

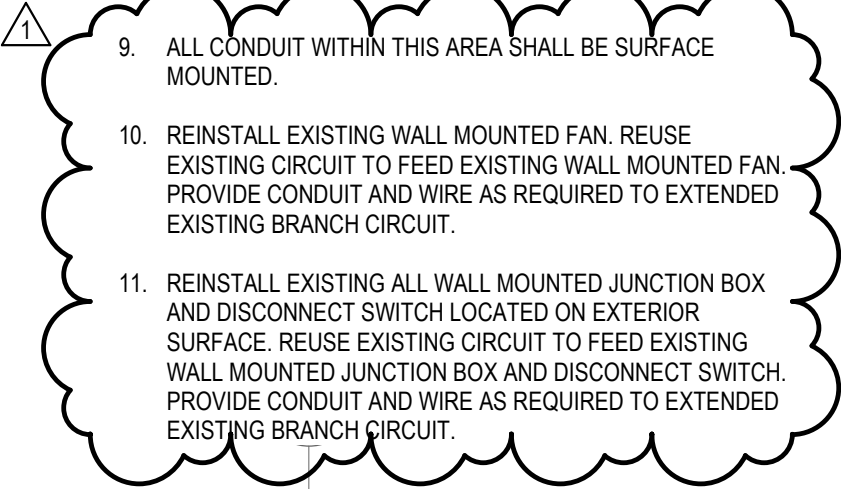
AHJ-2 AND AHJ-2A INTEGRAL DISCONNECT AND VFD FURNISHED WITH UNIT. EG TO PROVIDE CONDUIT & BRANCH CIRCUIT WIRING BACK TO PANEL CIRCUIT.

PROVIDE UNDERGROUND FLEXIBLE (AHJ-2 - 110% IN 1") FROM AHJ-2 AND AHJ-2A TO PANEL MDR. FOR UNDERGROUND CONDUIT, SEE DETAIL 3 ON DRAWING E-701.

DISCONNECT BRANCH CIRCUIT WIRE AND CONDUIT FROM EXISTING VFD TO EXISTING PUMP P-1 & P-2. PROVIDE CONDUIT TO BE USED FOR BRANCH CIRCUIT WIRING FROM EXISTING PANEL MDR VIA EXISTING VFD.

FOR EXISTING UNIT HEATERS (TAPOWER AS EHV-1 IN FIELD) PROVIDE 2#16 & 110% IN 3/4". TAPOWER FOR EXISTING UNIT HEATERS TO BE INSTALLED AT BEGINNING OF CONDUIT TO PHASES OF EXISTING PANEL. INSTALLATION SEQUENCE IN FIELD WITH OTHER TRADES.

PROVIDE NEMA 6-50R RECEPTACLE TO PLUS IN EXISTING UNIT HEATERS (TAHER AS EHV-1 IN FIELD). COORDINATE WITH THE DIRECTOR REPRESENTATIVE TO USE EXISTING UNIT HEATERS FOR TEMPORARY HEAT DURING CONSTRUCTION.



1

1/8" = 1'-0"

A horizontal graphic scale bar with alternating black and white segments. It is marked with the numbers 0, 4, 8, and 16, representing feet. The total length of the bar is 16 feet.





1. SEE SHEET E-001 FOR SYMBOLS.

1. ALL LIGHTING WITHIN THIS AREA SHALL BE CONNECTED TO THEIR RESPECTIVE OCCUPANCY SENSOR
2. ALL CONDUIT WITHIN THIS AREA SHALL BE SURFACE MOUNTED.
3. REINSTALL EXISTING WALL PACK LIGHTING FIXTURES. REUSE EXISTING CIRCUIT TO FEED EXISTING LIGHT FIXTURES. PROVIDE CONDUIT AND WIRE AS REQUIRED TO EXTENDED EXISTING BRANCH CIRCUIT.

Expires 10/31/2025



CLIENT:  
NEW YORK STATE OFFICE OF VICTIM  
SERVICES

MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47513-E	
DESIGNED BY:	Designer	
DRAWN BY:	RD	
FIELD CHECK:	Checker	
APPROVED:	Approver	
SHEET TITLE:		

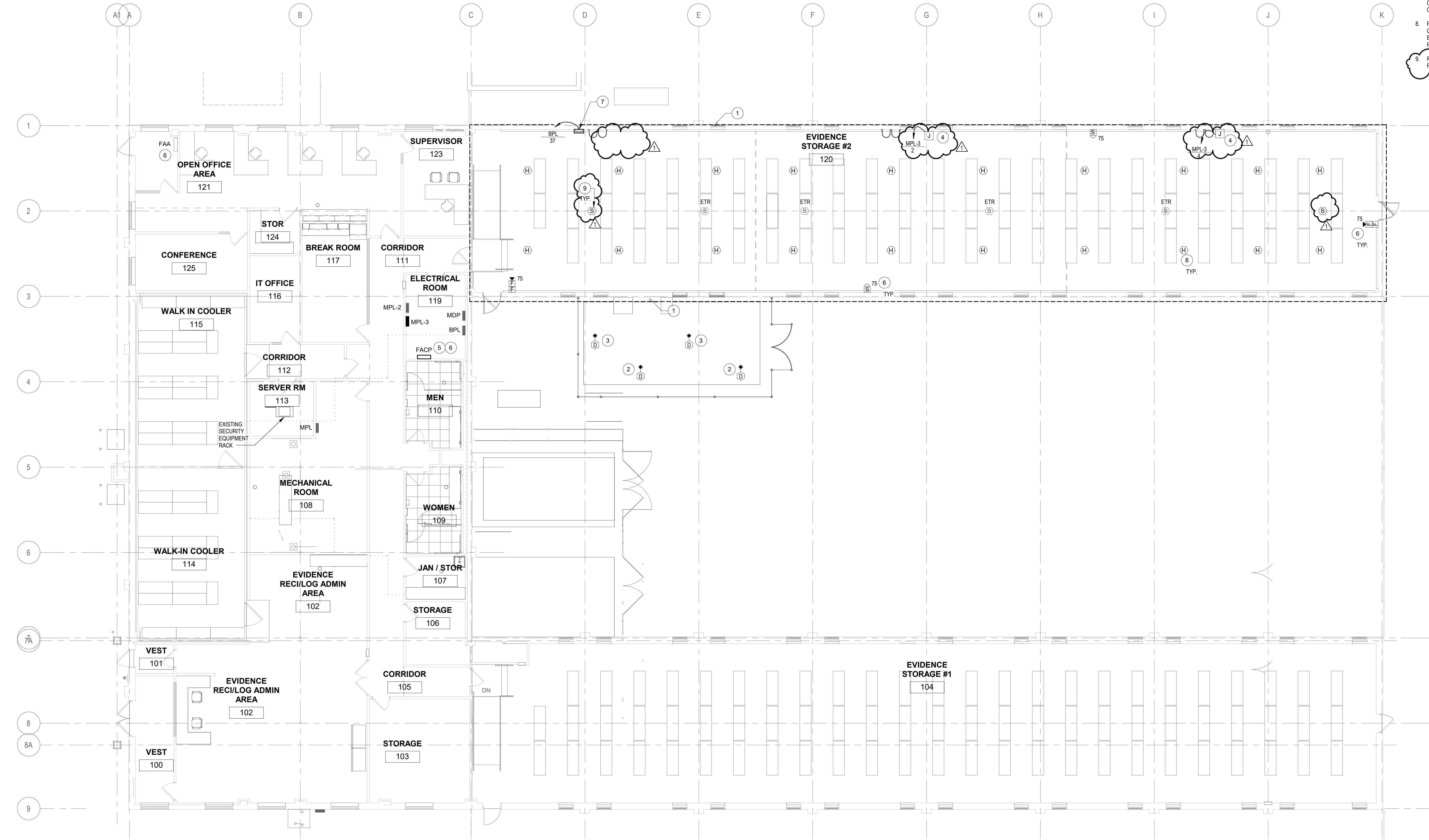
## EFFECT OF



1/8" = 1'-0" 0 4' 8' 16'



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42x30 PLOT SHEET



- GENERAL NOTES:
- SEE DRAWING E-001 FOR SYMBOLS.

CODED SECURITY NOTES (#)

- ALL CONDUIT WITHIN THIS AREA SHALL BE SURFACE MOUNTED.
- DUCT DETECTOR SHALL BE MOUNTED ON THE RETURN AIR DUCTWORK FOR AHU-2 AND AHU-2A.
- DUCT DETECTOR SHALL BE MOUNTED ON THE SUPPLY AIR DUCTWORK FOR AHU-2 AND AHU-2A.
- PROVIDE 20AMP CIRCUIT FROM MPL-3 PANEL TO NAC CLEAN AGENT PANEL VIA JUNCTION BOX.
- PROVIDE SIMPLEX 4100ES FACP PANEL IN PLACE OF REMOVED EXISTING SIMPLEX 400S PANEL. RECONNECT ALL EXISTING CIRCUITS. AFTER REINSTALLATION OF ALL EXISTING CIRCUITS TO REPLACE FACP TEST PROGRAM COMPLETE SYSTEM AS PER SPECIFICATION AND MANUFACTURER'S RECOMMENDATIONS. FOR MORE INFORMATION SEE RISER DIAGRAM DETAILS 2 AND 3 ON DRAWING E-601.
- ALL FIRE ALARM DEVICES SHOWN ON DRAWING CONNECTED TO SIMPLEX 4100ES FACP PANEL AND EXISTING FAA PANEL. FOR MORE INFORMATION SEE RISER DIAGRAM DETAIL 2 ON DRAWING E-601.
- CLEAN AGENT CONTROL PANEL, FURNISHED BY 'P' CONTRACTOR, CIRCUITED BY 'E' CONTRACTOR, CONNECTED TO FIRE ALARM SYSTEM BY 'E' CONTRACTOR. THE CONTROL PANEL MUST BE CONNECTED TO EARTH GROUND.
- PROVIDE HEAT DETECTOR IN ATTIC SPACE AND CONNECTED TO SIMPLEX 4100ES FACP PANEL AND EXISTING FAA PANEL. FOR MORE INFORMATION SEE RISER DIAGRAM DETAIL 2 ON DRAWING E-601.
- REINSTALL EXISTING SMOKE DETECTOR AND RECONNECT TO THE EXISTING CIRCUITS.

UNIFORM CODE STATEMENT:

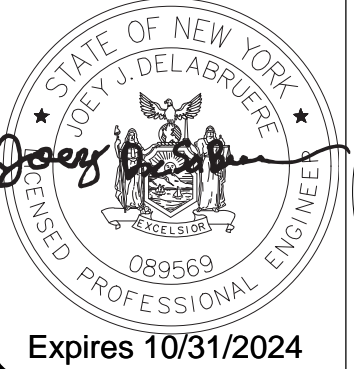
TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2018 ASHRAE 90.1, AND THE 2020 NYS ENERGY CODE SUPPLEMENT.

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CONTRACT:

ELECTRICAL

TITLE:  
REHABILITATE STORAGE SPACE,  
BUILDING 140

LOCATION:  
WASHINGTON CORRECTIONAL ANNEX  
BUILDING  
72 LOCK 11 LANE COMSTOCK, NY

CLIENT:  
NEW YORK STATE OFFICE OF VICTIM  
SERVICES

MARK	DATE	DESCRIPTION
1	06/27/2024	ADDENDUM 3
0	04/01/2024	ISSUE FOR BID
0	12/06/2023	CONSTRUCTION DOCUMENTS

PROJECT NUMBER:	47513-E
DESIGNED BY:	Designer
DRAWN BY:	RD
FIELD CHECK:	Checker
APPROVED:	Approver
SHEET TITLE:	

ELECTRICAL SYSTEMS  
PLAN

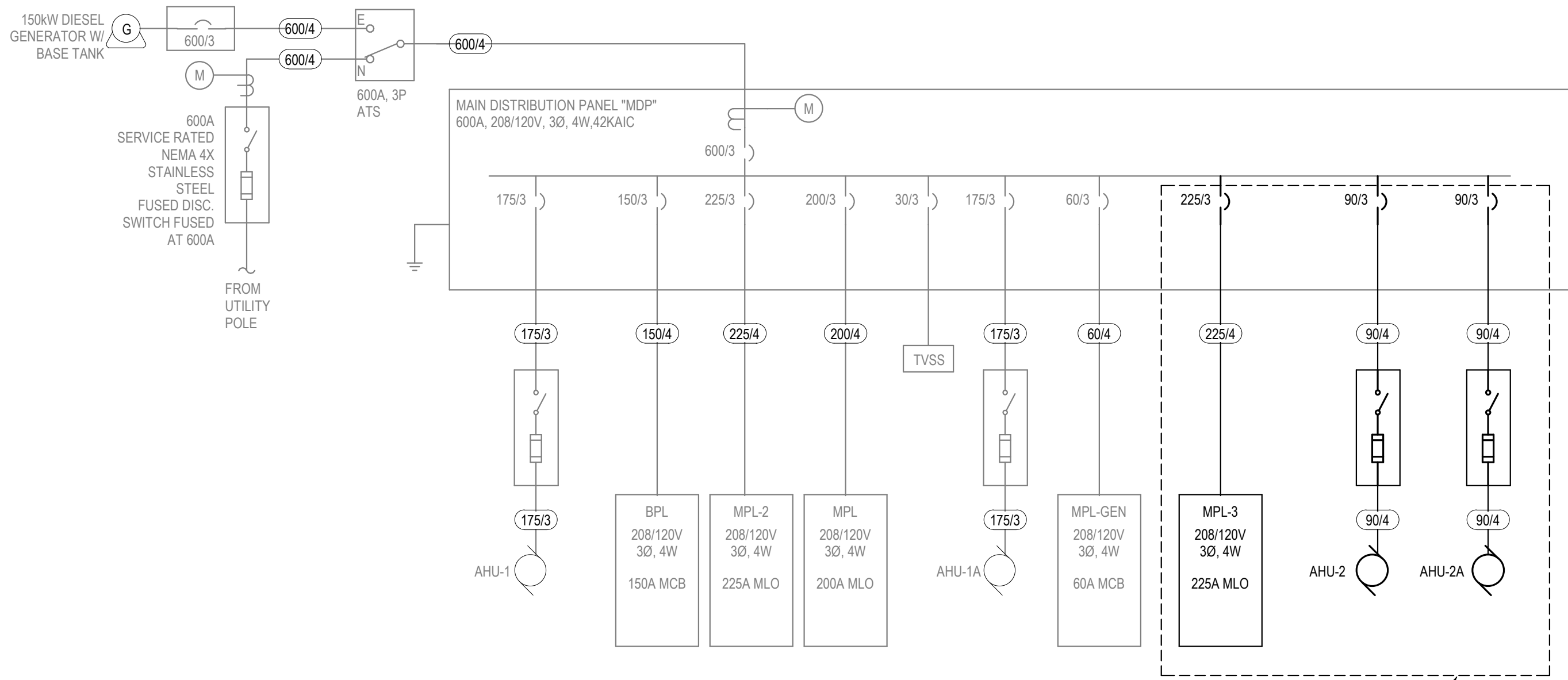
DRAWING NUMBER:  
E-301

SHEET: OF

1 ELECTRICAL SYSTEMS PLAN

1/8" = 1'-0"





CODED ELECTRICAL NOTES #

1. EXISTING MAIN DISTRIBUTION PANEL, ADD(1) 225A/3P FOR PANEL MPL-3, (1) 90A/3P BREAKER FOR AHU-2 POWER, AND (1) 90A/3P BREAKER FOR AHU-2A POWER.

1 PARTIAL POWER ONE-LINE DIAGRAM PHASE 3

FEEDER SCHEDULE						
TAG	# OF SETS	CONDUCTOR INFORMATION				REMARKS
		PHASE	NEUTRAL	GROUND	CONDUIT SIZE	
60/4	(1)	(1) 4 AWG	#10	1-1/2"		
90/4	(1)	(3) 3 AWG	(1) 3 AWG	#8	1-1/4"	
150/4	(1)	(3) 1/0 AWG	(1) 1/0 AWG	#6	1-1/4"	
175/3	(1)	(3) 2/0 AWG	N/A	#6	2"	
175/4	(1)	(3) 2/0 AWG	(1) 2/0 AWG	#6	2"	
200/4	(1)	(3) 3/0 AWG	(1) 3/0 AWG	#6	2"	
225/4	(1)	(3) 4/0 AWG	(1) 4/0 AWG	#4	2-1/2"	
350/4	(2)	(3) 350 KCML	(1) 350 KCML	#1/0	3"	
600/4	(2)	(3) 350 KCML	(1) 350 KCML	#1/0	3"	

Location: ELECTRICAL ROOM 119

Mounting: Surface

Source: MDP

PANEL ID

MPL-3

Volts, Phase, Wire: 120/208 Wye, 3Ø, 4W

Mains: 225A MLO

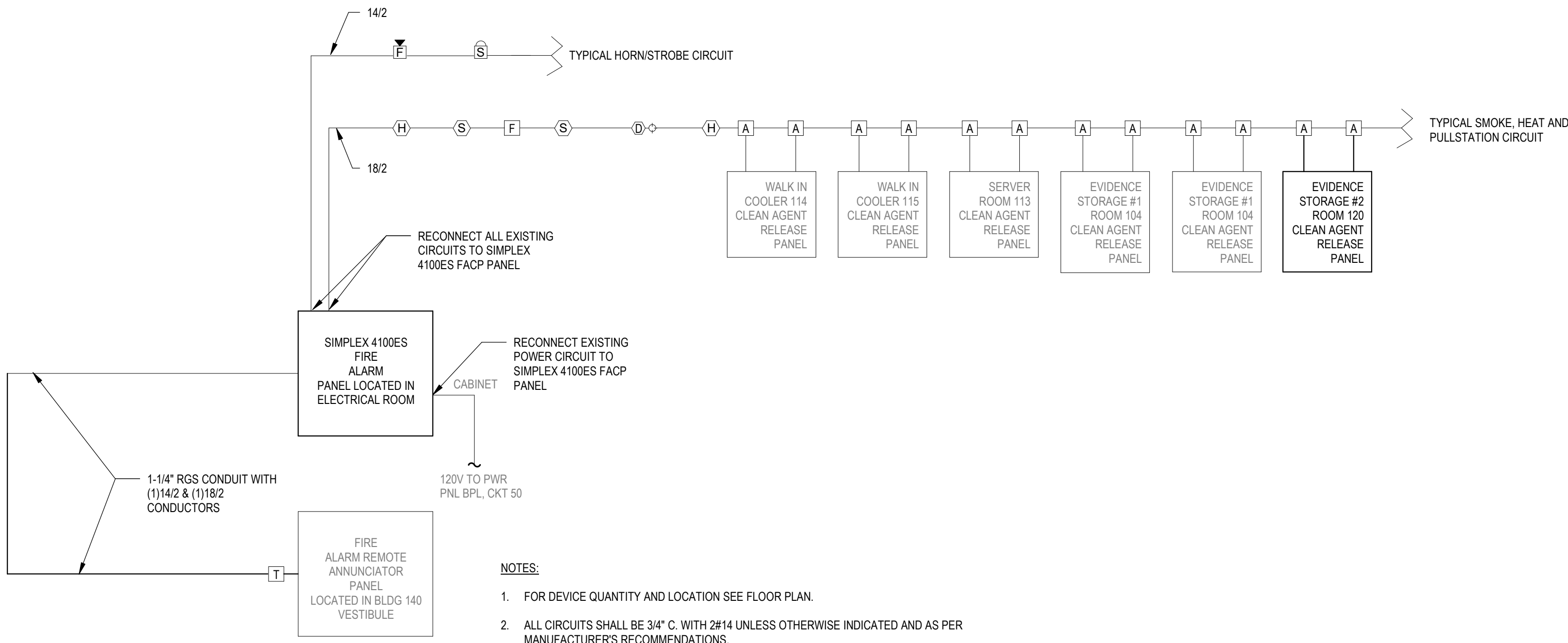
Short Circuit Rating: 10KAIC

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXISTING EUH-1	50 A	2	3750 VA 360 VA	3750 VA 360 VA		1	20 A	NAC CLEAN AGENT PANEL	4
3							1	20 A	NAC CLEAN AGENT PANEL	4
5	EXISTING EUH-1	50 A	2	3750 VA 0 VA		3750 VA 0 VA	1	20 A	SPARE	6
7							1	20 A	SPARE	6
9	EXISTING EUH-1	50 A	2		3750 VA 0 VA		1	20 A	SPARE	8
11						3750 VA 0 VA	1	20 A	SPARE	10
13	EXISTING EUH-1	50 A	2	3750 VA 0 VA			1	20 A	SPARE	12
15					3750 VA 0 VA		1	20 A	SPARE	14
17	SPARE	20 A	1			0 VA 0 VA	1	20 A	SPARE	16
19	SPARE	20 A	1	0 VA 0 VA			1	20 A	SPARE	18
21	SPARE	20 A	1		0 VA 0 VA		1	20 A	SPARE	20
23	SPARE	20 A	1			0 VA 0 VA	1	20 A	SPARE	22
25	SPARE	20 A	1	0 VA 0 VA			1	20 A	SPARE	24
27	SPARE	20 A	1		0 VA 0 VA		1	20 A	SPARE	26
29	SPARE	20 A	1			0 VA 0 VA	1	20 A	SPARE	28
31	SPARE	20 A	1	0 VA 0 VA			1	20 A	SPARE	30
33	SPARE	20 A	1		0 VA 0 VA		1	20 A	SPARE	32
35	SPACE	--	1	--	--	--	1	--	SPACE	34
37	SPACE	--	1	--	--	--	1	--	SPACE	36
39	SPACE	--	1	--	--	--	1	--	SPACE	38
41	SPACE	--	1	--	--	--	1	--	SPACE	40
										42
Total Load:				11610 VA	11610 VA	7500 VA				
Total Amps:					85 A					

NOTES:

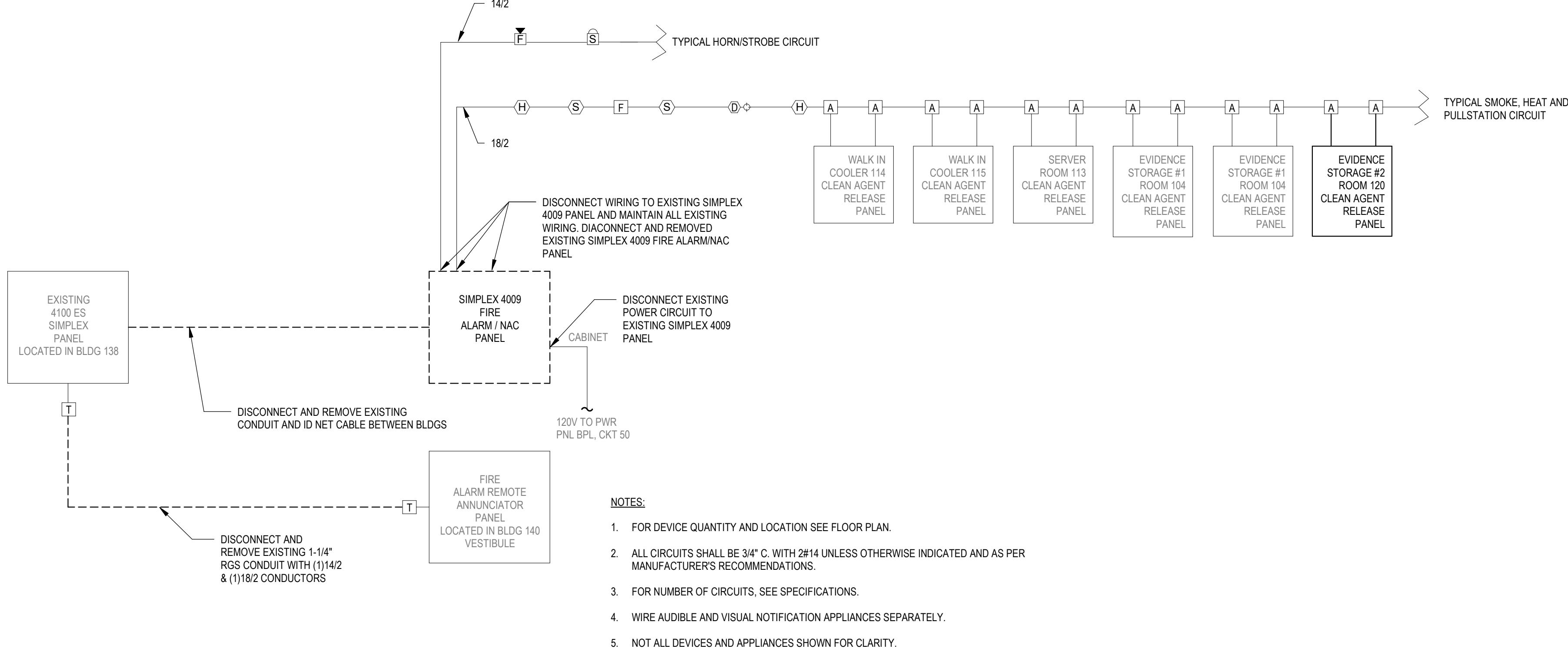
Location: ELECTRICAL ROOM 119				EXISTING PANEL ID				Volts, Phase, Wire: 120/208 Wye, 3, 4			
Mounting: SURFACE				BPL				Mains: 150A MCB			
Source: MDP								Short Circuit Rating: 10KAIC			
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	REC: OPEN OFFICE 121 & VEST 127	20 A	1	900 VA	720 VA			20 A	REC: OPEN OFFICE 121 & CONF 125	2	
3	Receptacle CONFERENCE 125	20 A	1		720 VA	1260 VA		20 A	REC: OPEN OFFICE 121 & SUPERVISOR 123	4	
5	REC: SUPERVISOR 123	20 A	1			900 VA	600 VA	20 A	Receptacle BREAK ROOM 117	6	
7	Receptacle BREAK ROOM 117	20 A	1	800 VA	780 VA			20 A	Receptacle BREAK ROOM 117	8	
9	Receptacle BREAK ROOM 117	20 A	1		1080 VA	540 VA		20 A	Receptacle CORRIDOR 111	10	
11	HD-1 IN RM 110	20 A	1			1440 VA	720 VA	20 A	REC: RM 117 TV, MECH RM 108 & CORR. 111 & 112	12	
13	Receptacle MEN 110	20 A	1	180 VA	360 VA			20 A	Receptacle Room 124, 121	14	
15	REC: SERVER RM 113	20 A	1		720 VA	360 VA		20 A	REC: DATA RACK SERVER RM 113	16	
17	Receptacle JAN / STOR 107	20 A	1			540 VA	600 VA	20 A	Receptacle EVIDENCE REC/LOG ADMIN AREA 102	18	
19	Receptacle EVIDENCE REC/LOG ADMIN AREA 102	20 A	1	800 VA	180 VA			20 A	Receptacle EVIDENCE REC/LOG ADMIN AREA 102	20	
21	Receptacle WOMEN 109	20 A	1		180 VA	720 VA		20 A	Receptacle MECHANICAL IT/TELECOM FIRE ALAR...	22	
23	Receptacle EVIDENCE REC/LOG ADMIN AREA 102	20 A	1			720 VA	720 VA	20 A	REC: ADMIN AREA 102 DESKS	24	
25	Receptacle EVIDENCE REC/LOG ADMIN AREA 102	20 A	1	780 VA	780 VA			20 A	Receptacle EVIDENCE REC/LOG ADMIN AREA 102	26	
27	Receptacle EVIDENCE STORAGE #1 104	20 A	1		540 VA	540 VA		20 A	Receptacle EVIDENCE STORAGE #1 104	28	
29	LGT: ROOMS 121, 123, 126, 127, 124, 125	20 A	1			814 VA	383 VA	20 A	LGT: ROOMS 111, 112, 118, 105	30	
31	LGT: ROOMS 101, 102, 100, 103, 113, 108	20 A	1	925 VA	262 VA			20 A	LGT: ROOMS 109, 110, 106, 119	32	
33	LGT: EVIDENCE STORAGE #1 104 - SOUTH	20 A	1		544 VA	1080 VA		20 A	Receptacle EVIDENCE STOR #2 120	34	
35	LGT: EVIDENCE STOR #1 104 - NORTH	20 A	1			544 VA	544 VA	20 A	EXIST LGT: EVIDENCE STOR #2 120 - NORTH	36	
37	CLEAN AGENT PNL - EVIDENCE STOR #2 120	20 A	1	0 VA	547 VA			20 A	EXIST LGT: EVIDENCE STOR #2 120 - CENTER	38	
39	BAS PNL - EVIDENCE STOR #2 120	20 A	1		0 VA	547 VA		20 A	EXIST LGT: EVIDENCE STOR #2 120 - SOUTH	40	
41	SPARE	20 A	1			0 VA	180 VA	20 A	Receptacle for AHU-3 & 4	42	
43	LGT: WALK IN COOLERS 114 & 115	20 A	1	464 VA	0 VA			20 A	SPARE	44	
45	LGT: EVIDENCE STORAGE #1 104 - CENTER	20 A	1		544 VA	1440 VA		20 A	HD-2 IN RM 109	46	
47	Receptacle CORRIDOR 111	20 A	1			1200 VA	0 VA	20 A	NAC/BATTERY CABINET	48	
49	LGT: EXTERIOR	20 A	1	312 VA	0 VA			20 A	NAC	50	
51	SPARE	20 A	1		0 VA	0 VA		20 A	SPARE	52	
53	SPACE	--	1	--	--	--	--	1	SPACE	54	
Total Load:				8790 VA	10815 VA	9905 VA					
Total Amps:					82 A						
NOTES: ALL BREAKERS ARE EXISTING UON.											

NOTES: ALL BREAKERS ARE EXISTING UON.



2 FIRE ALARM RISER DIAGRAM PHASE 3

NOT TO SCALE



3 FIRE ALARM RISER REMOVAL DIAGRAM PHASE 3

NOT TO SCALE

Location: ELECTRICAL ROOM 119

Mounting: SURFACE

Source: ATS

EXISTING PANEL ID

MDP

Volts, Phase, Wire: 120/208 Wye, 3Ø, 4W

Mains: 600A MCB

Short Circuit Rating: 42KAIC

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	AHU-1(EXISTING)	175 A	3	16573... 8790 VA	16573... 10815...		3	150 A	BPL (EXISTING)	2
3	AHU-1(EXISTING)	175 A	3			16573... 9905 VA	3	30 A	TVSS (EXISTING)	4
5	MPL (EXISTING)	200 A	3	15898... 2000 VA	19072... 2000 VA	12471... 2000 VA	3	60 A	MPL-GEN(EXISTING)	6
7	AHU-1A (EXISTING)	175 A	3	0 VA	2000 VA		3	90 A	AHU-2A	8
9	AHU-2	90 A	3		0 VA	1200 VA	3	225 A	MPL-3	10
11	AHU-2	90 A	3	7445 VA	553 VA		3			12
13	MPL-2	225 A	3			0 VA	3			14
15	MPL-2	225 A	3	66 VA	11610...		3			16
17	MPL-2	225 A	3			66 VA	3			18
19	MPL-2	225 A	3			7500 VA	3			20
21	MPL-2	225 A	3				3			22
23	MPL-2	225 A	3				3			24
25	MPL-2	225 A	3				3			26
27	MPL-2	225 A	3				3			28
29	MPL-2	225 A	3				3			30
Total Load:				65936 VA	69334 VA	56514 VA				
Total Amps:				532 A						

NOTES:

NOTES:

LIGHTING FIXTURE SCHEDULE PHASE 3							
Type	DESCRIPTION	COLOR TEMP.	LAMP(S)	MOUNTING TYPE	VOLTAGE	WATTAGE	BASIS OF DESIGN
CHA_2x2	LED WALL PACK WITH EMERGENCY BATTERY BACKUP	3000K	LED	WALL	120/277V	52W	LITHONIA: WDGE3 LED-P1-30K-80CRI-R3-MVOLT-SRM-E20WCPE-DBDX OR EQUAL
L6E	4" LED STRIP LIGHT	3500K	LED	SURFACE	120/277V	34W	LITHONIA: ZL1N-L48-SMR-5000LM-FST-MVOLT-35K-90CRI-WH OR EQUAL
L7	4" LED STRIP LIGHT WITH EMERGENCY BATTERY BACKUP	3500K	LED	SURFACE	120/277V	34W	LITHONIA: ZL1N-L48-SMR-5000LM-FST-MVOLT-35K-90CRI-E15WLCPE-WH OR EQUAL
L7E	WALL MOUNTED EXIT SIGN		LED	WALL	120/277V	2.6W	DUAL LITE: SE-S-R-W-E-1 OR EQUAL

DESIGN & CONSTRUCTION



UNIFORM CODE STATEMENT:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2018 ASHRAE 90.1, AND THE 2020 NYS ENERGY CODE SUPPLEMENT.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



Expires 10/31/2024

CONTRACT:

ELECTRICAL

REHABILITATE STORAGE SPACE, BUILDING 140

LOCATION: WASHINGTON CORRECTIONAL ANNEX BUILDING 72 LOCK 11 LANE COMSTOCK, NY

CLIENT: NEW YORK STATE OFFICE OF VICTIM SERVICES

MARK	DATE	DESCRIPTION
1	06/27/2024	ADDENDUM 3
0	04/01/2024	ISSUE FOR BID
0	12/06/2023	CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 47513-E

DESIGNED BY: Designer

DRAWN BY: RD

FIELD CHECK: APPROVED:

SHEET TITLE:

RISER DIAGRAMS, SCHEDULES AND DETAILS

DRAWING NUMBER:

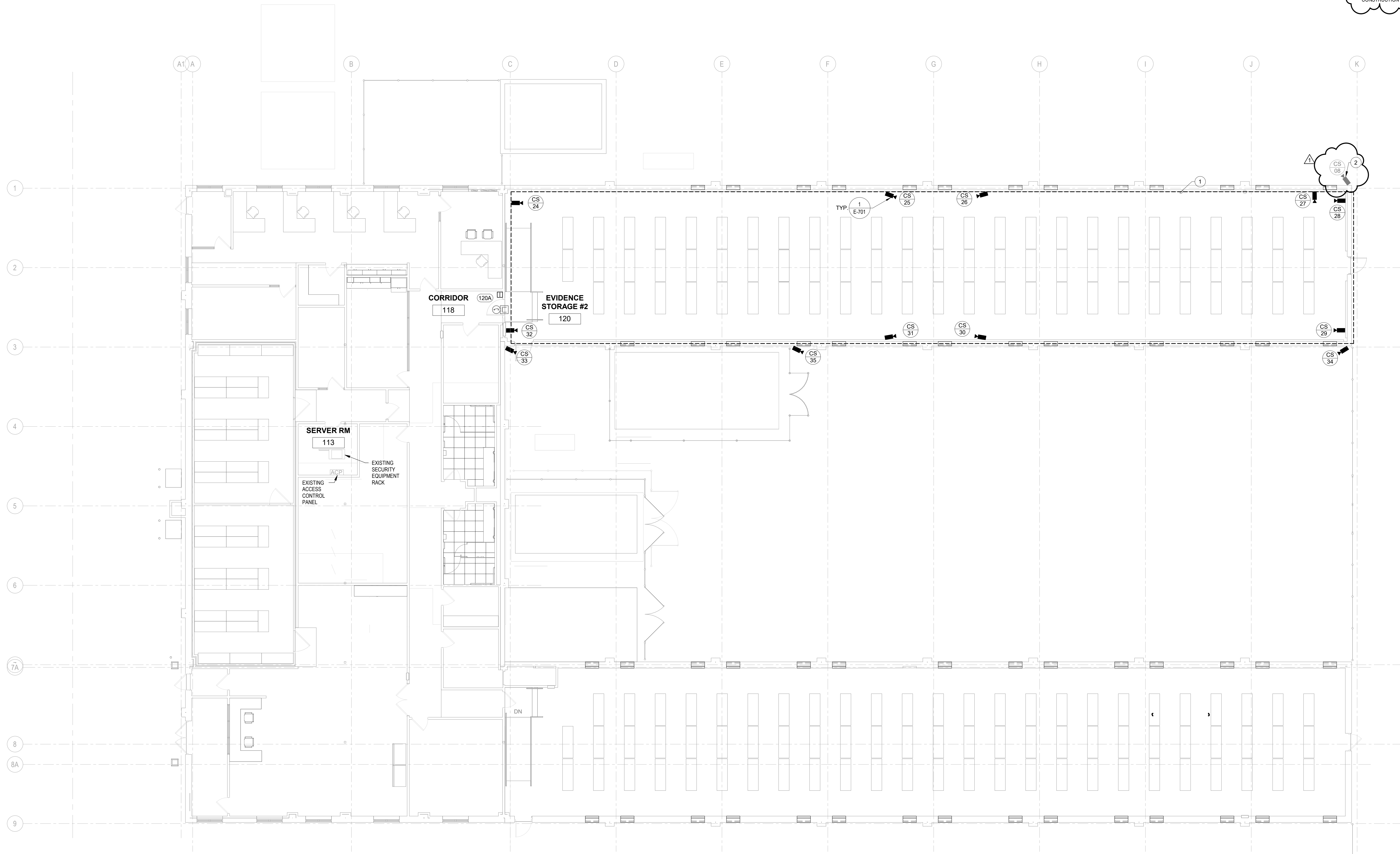
E-601

SHEET:

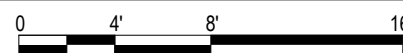
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C:\Users\9026\OneDrive - CHA Consulting, Inc\Documents\081408\_SEC\_R23\_Silverx36DA.rvt  
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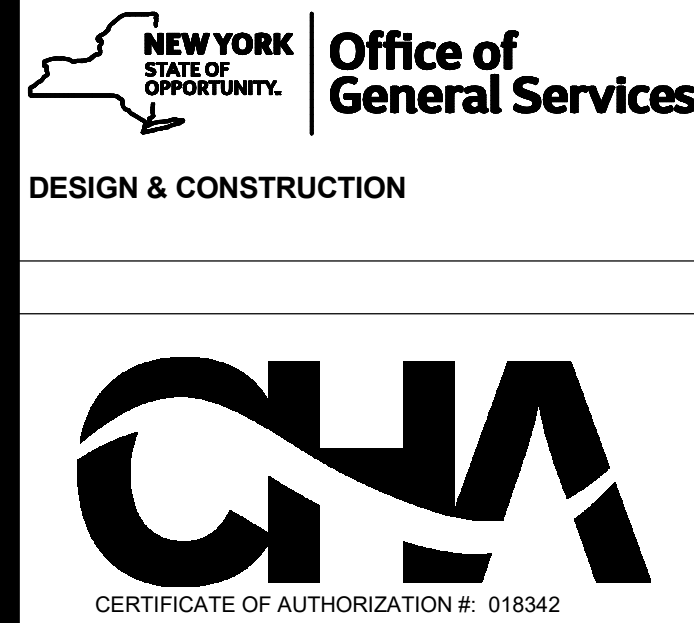


1 FLOOR PLAN- FIRST FLOOR  
1/8" = 1'-0"



GENERAL NOTES  
1. SEE DRAWING SE-001 FOR SYMBOLS.

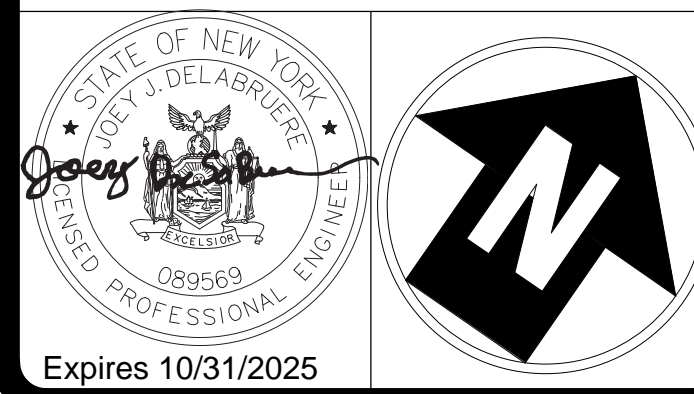
CODED SECURITY NOTES  
1. ALL CONDUIT WITHIN THIS AREA SHALL BE SURFACE MOUNTED. MOUNT CAMERAS TO AVOID OBSTRUCTION FROM DUCT WORK, PIPING OR CONDUITS. COORDINATE WITH ALL EXISTING AND NEW OBSERVATIONS.  
2. DISCONNECT AND REMOVE WALL MOUNTED CAMERA FOR CONSTRUCTION WORK. RETAIN CAMERA ON SITE AND STORE SAFELY FOR RE-INSTALLATION. REMOVAL SHALL INCLUDE PULLING WIRE BACK TO ABOVE CEILING AS NEEDED FOR CONSTRUCTION WORK. REINSTALL CAMERA, CONDUIT AND WIRING UPON COMPLETION OF CONSTRUCTION WORK.



UNIFORM CODE STATEMENT:  
TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:  
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LOCATION: WASHINGTON CORRECTIONAL ANNEX BUILDING 72 LOCK 11 COMSTOCK, NY  
CLIENT: NEW YORK STATE OFFICE OF VICTIM SERVICES

1	06/27/2024	ADDENDUM 03
0	12/06/2023	CONSTRUCTION DOCUMENTS
MARK	DATE	DESCRIPTION
PROJECT NUMBER:		47513-E
DESIGNED BY:	MPI	
DRAWN BY:	SRA	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:		

FIRST FLOOR PLAN

DRAWING NUMBER:  
SE-101

SHEET: 2 OF 4