

BUILDING INFORMATION

APPLICABLE BUILDING CODE - 2015 IEBC
CLASSIFICATION OF WORK - REPAIR

REPLACEMENT OF WORN DOORS AND HARDWARE.

PROJECT DIRECTORY

OWNER
IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES (DAS)
109 EAST 13TH STREET
DES MOINES, IA 50319
OWNER'S REPRESENTATIVE: JAMES TROWER
PHONE: 515.725.1293
EMAIL: JAMES.TROWER@IOWA.GOV

CONSTRUCTION MANAGER
MCGOUGH
217 EAST 2ND STREET SUITE 120
DES MOINES, IA 50309
PROJECT MANAGER: ADAM DOUGLAS
PHONE: 515.822.4229
EMAIL: adam.douglas@mcgough.com

ARCHITECT
HORIZON ARCHITECTURE
3116 ALPINE COURT IOWA CITY IA 52245
PHONE: (563) 506-4965
CONTACT: MICHAEL NOLAN, AIA
EMAIL: MICHAEL@HORIZON-ARCHITECTURE.COM

ELECTRICAL ENGINEER
INNOVATIVE ENGINEERS, INC.
2871 HEINZ ROAD IOWA CITY IA 52240
PHONE: (319) 855-4115
CONTACT: MOHAMMED ABU-HASAN, P.E.
EMAIL: MABUHASAN@INNOVATIVEENGINEERSINC.COM

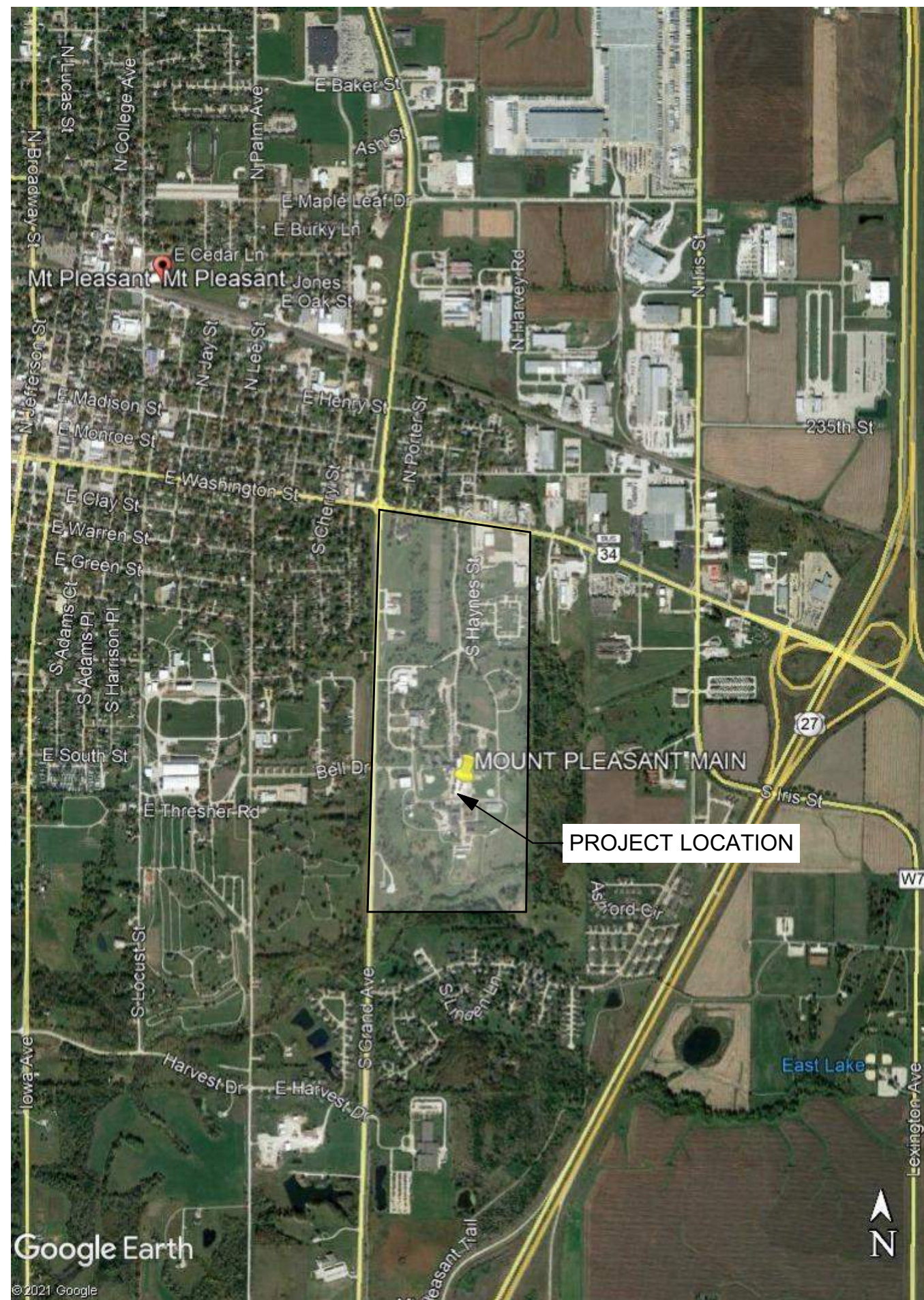
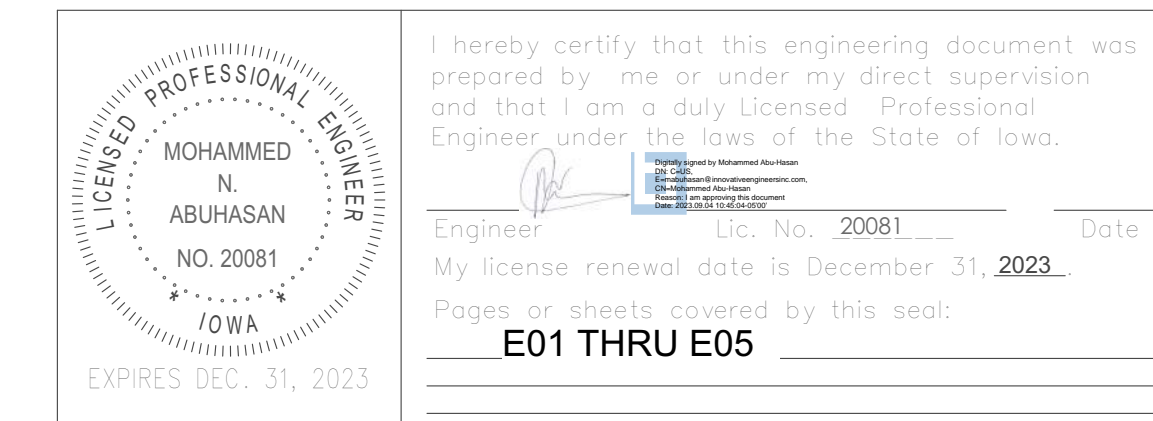
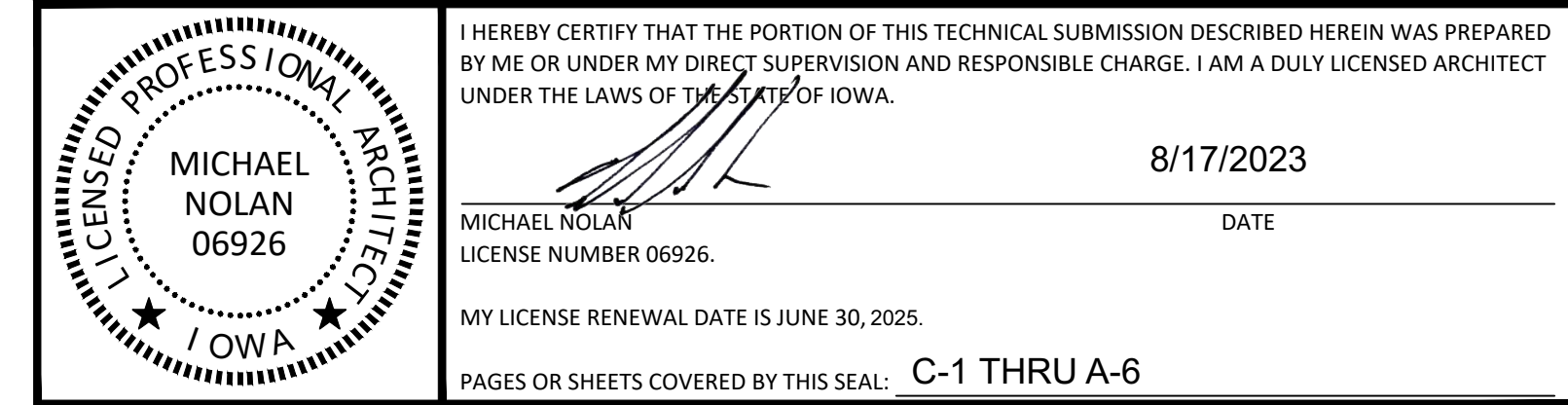
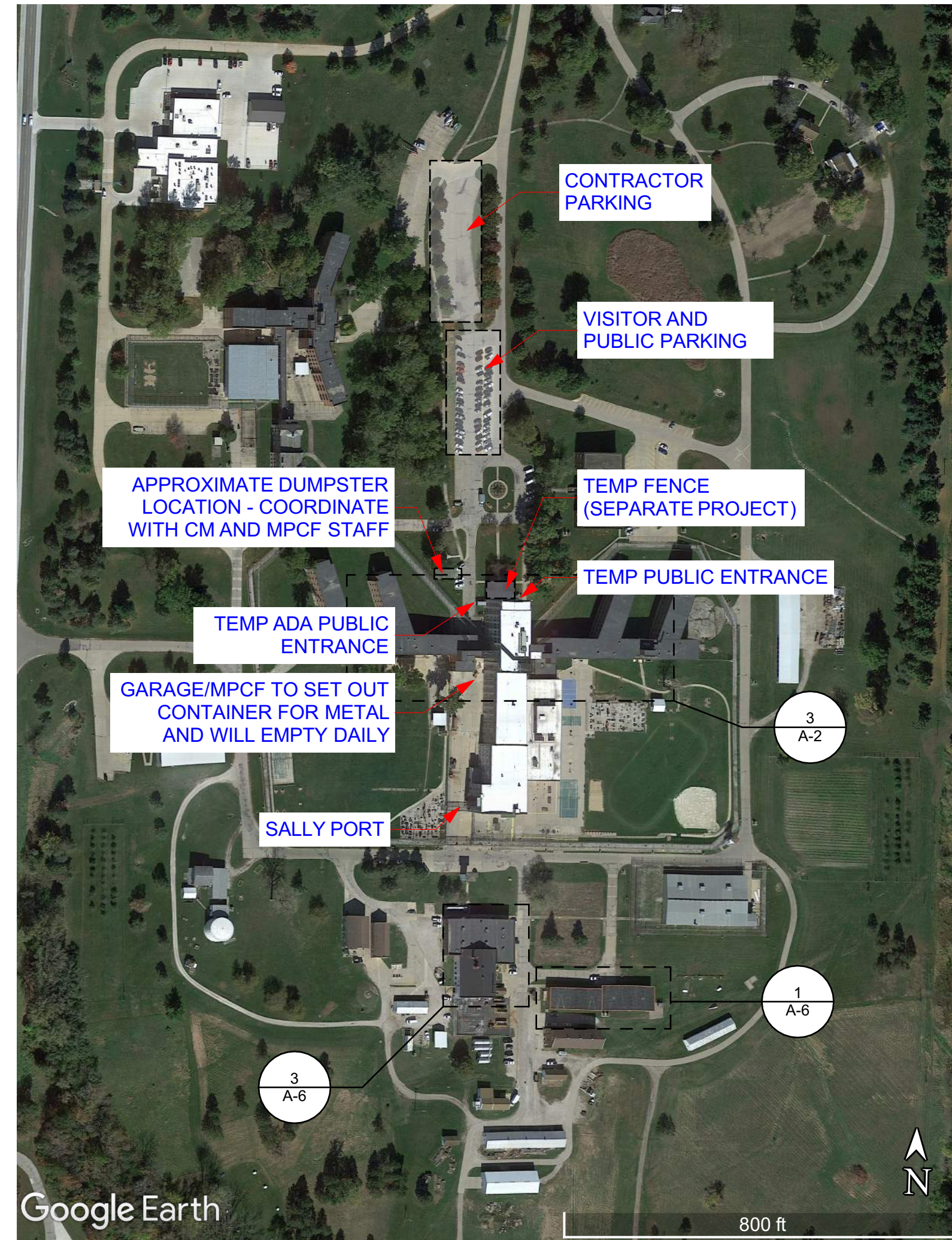
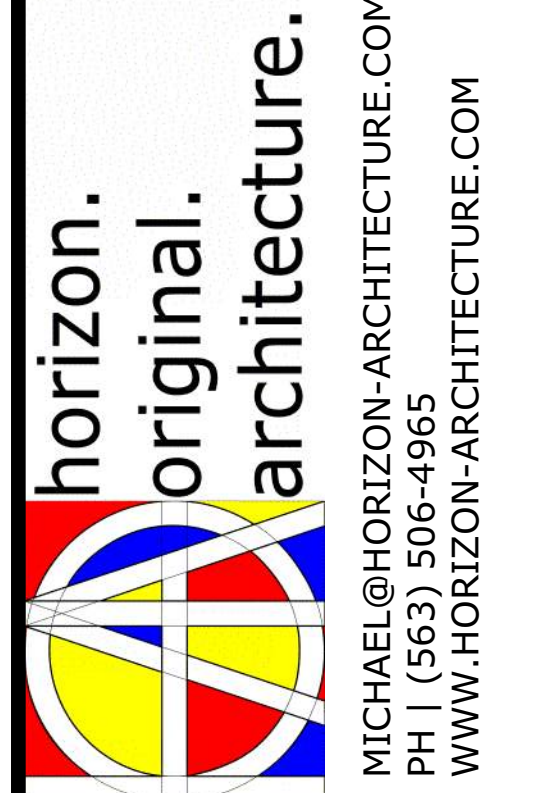
DAS 9317.00 DOC MPCF

INTERLOCKING DOOR REPLACEMENT

MOUNT PLEASANT CORRECTIONAL FACILITY

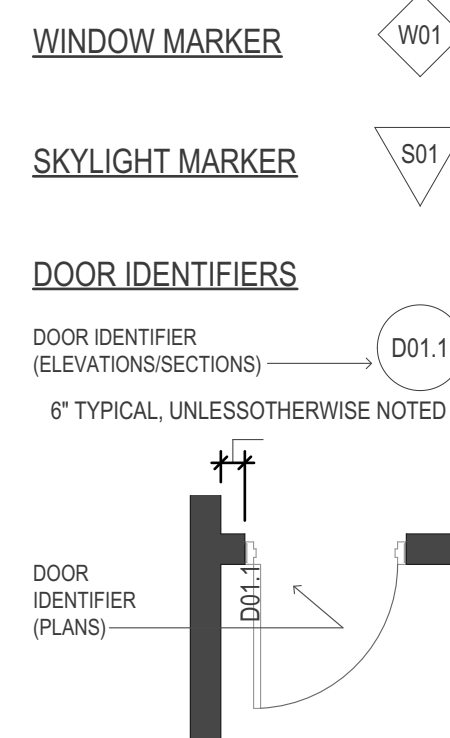
MOUNT PLEASANT, IA

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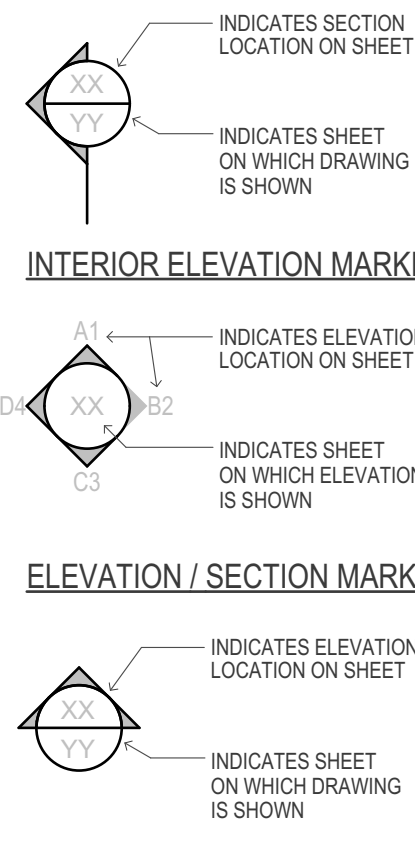


4 SITE STAGING PLAN
NOT TO SCALE

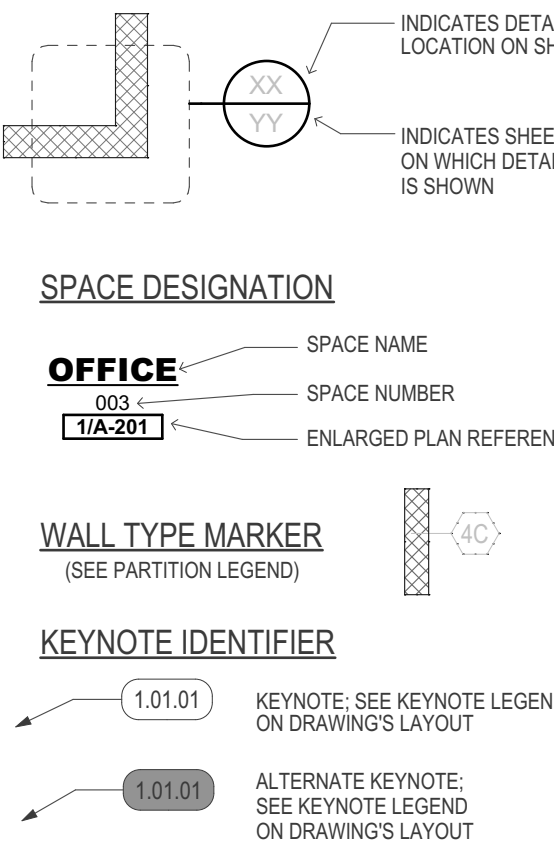
GRAPHIC SYMBOLS



SECTION / DETAIL MARKER

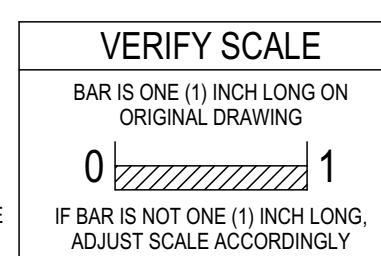


DETAIL / ENLARGED PLAN MARKER



ABBREVIATIONS

A.D. AREA DRAIN	DN DOWN DRAWING	HORIZ. HORIZONTAL	PL LAM PLASTIC LAMINATE	U.L. UNDERWRITERS
ABV. ABOVE	DWG. DRAWING	HT. HEIGHT	QTY. QUANTITY	LABORATORIES
ADA ACCESSIBLE / AMERICANS WITH DISABILITIES ACT	DEPT. DEPARTMENT	INSUL. INSULATION / INSULATING	R RISER	VEST. VESTIBULE
ADJ. ADJUSTABLE	DBL. DOUBLE	ID. INSIDE DIAMETER	R.W.C. RAIN WATER CONDUCTOR	V.C.T. VINYL COMPOSITION
A.O.R. AREA OF REFUGE	DR. DOOR	INCAND. INCANDESCENT	REIN. REINFORCING / REINFORCED	FILE
ALUM. ALUMINUM	EXIST. EXISTING	E.C. ELECTRICAL CONTRACTOR	REQ. REQUIRED	W/ WITH
ALT. ALTERNATE	EQ. EQUAL	E.L. ELEVATION	R.O. ROUGH OPENING	W.C. WATER CLOSET
A.F. ABOVE FINISHED FLOOR	ELEV. ELEVATOR	E.L.E. ELECTRICAL / ELECTRICAL	REV. REVISED / REVISION	WD. WOOD
AC. ACOUSTIC / ACOUSTICAL	ELEC. ELECTRIC	EXP. EXPANSION	MFR. MANUFACTURER / MANUFACTURED	& AND
A.F.F. ALUMINUM FACE	EXP. EXPANSION	EXT. EXTERIOR	MTL. METAL	@ AT
APFX APPROXIMATE / APPROXIMATELY	EXT. EXTERIOR	EA. EACH	MIN. MINIMUM	± PLUS OR MINUS
BD. BOARD	EA. EACH	F.D. FLOOR DRAIN	MIR. MIRROR	° ANGLE
BLK. BLOCK / BLOCKING	F.E. FIRE EXTINGUISHER	F.F. FINISH / FINISHED	MTD. MOUNTED	CHANNEL
BLDG. BUILDING	F.F.C. FIRE EXTINGUISHER	FLR. FLOOR	M.O. MASONRY OPENING	# NUMBER
B.O. BOTTOM OF	FIN. FINISH / FINISHED	FLU. FLUORESCENT	MISC. MISCELLANEOUS	□ SQUARE
B.O.S. BOTTOM OF STEEL	FIN. FINISH / FINISHED	F.O. FACE OF	MISC. MISCELLANEOUS	○ ROUND / DIAMETER
CAB. CABINET	FIN. FINISH / FINISHED	FT. FEET / FOOT	N.I.C. NOT IN CONTRACT	∕ ∕ C/L CENTER LINE
C.C. CENTER-TO-CENTER	FIN. FINISH / FINISHED	FLU. FLUORESCENT	NO. NUMBER	∕ ∕ PL PLATE
CLG. CEILING	FIN. FINISH / FINISHED	FLU. FLUORESCENT	N.T.S. NOT TO SCALE	∕ ∕ L BAR LEG-BAR
CLOS. CLOSET	FIN. FINISH / FINISHED	FLU. FLUORESCENT	O.C. ON CENTER	L LEG-BAR
C.M. CONSTRUCTION MANAGER	FIN. FINISH / FINISHED	FLU. FLUORESCENT	O.D. OUTSIDE DIAMETER	
C.M.U. CONCRETE MASONRY UNIT	FIN. FINISH / FINISHED	FLU. FLUORESCENT	OPP. OPPOSITE	
C.N.J. CONTROL JOINT	FIN. FINISH / FINISHED	FLU. FLUORESCENT	OPG. OPENING	
CONC. CONCRETE	FIN. FINISH / FINISHED	FLU. FLUORESCENT	P.C. PLUMBING CONTRACTOR	
CORR. CORRIDOR	FIN. FINISH / FINISHED	FLU. FLUORESCENT	P.F. PANEL FACE	
COL. COLUMN	FIN. FINISH / FINISHED	FLU. FLUORESCENT	PR. PAIR	
CONT. CONTINUE / CONTINUOUS	FIN. FINISH / FINISHED	FLU. FLUORESCENT	P.T. PRESSURE TREATED	
CONTR. CONTRACTOR	FIN. FINISH / FINISHED	FLU. FLUORESCENT		
DIA. DIAMETER	FIN. FINISH / FINISHED	FLU. FLUORESCENT		
DTL. DETAIL	FIN. FINISH / FINISHED	FLU. FLUORESCENT		



ISSUED FOR PERMIT AND CONSTRUCTION

9317.00 DOC MPCF INTERLOCKING DOOR REPLACEMENTS

1200 EAST WASHINGTON STREET MOUNT PLEASANT, IA 52641

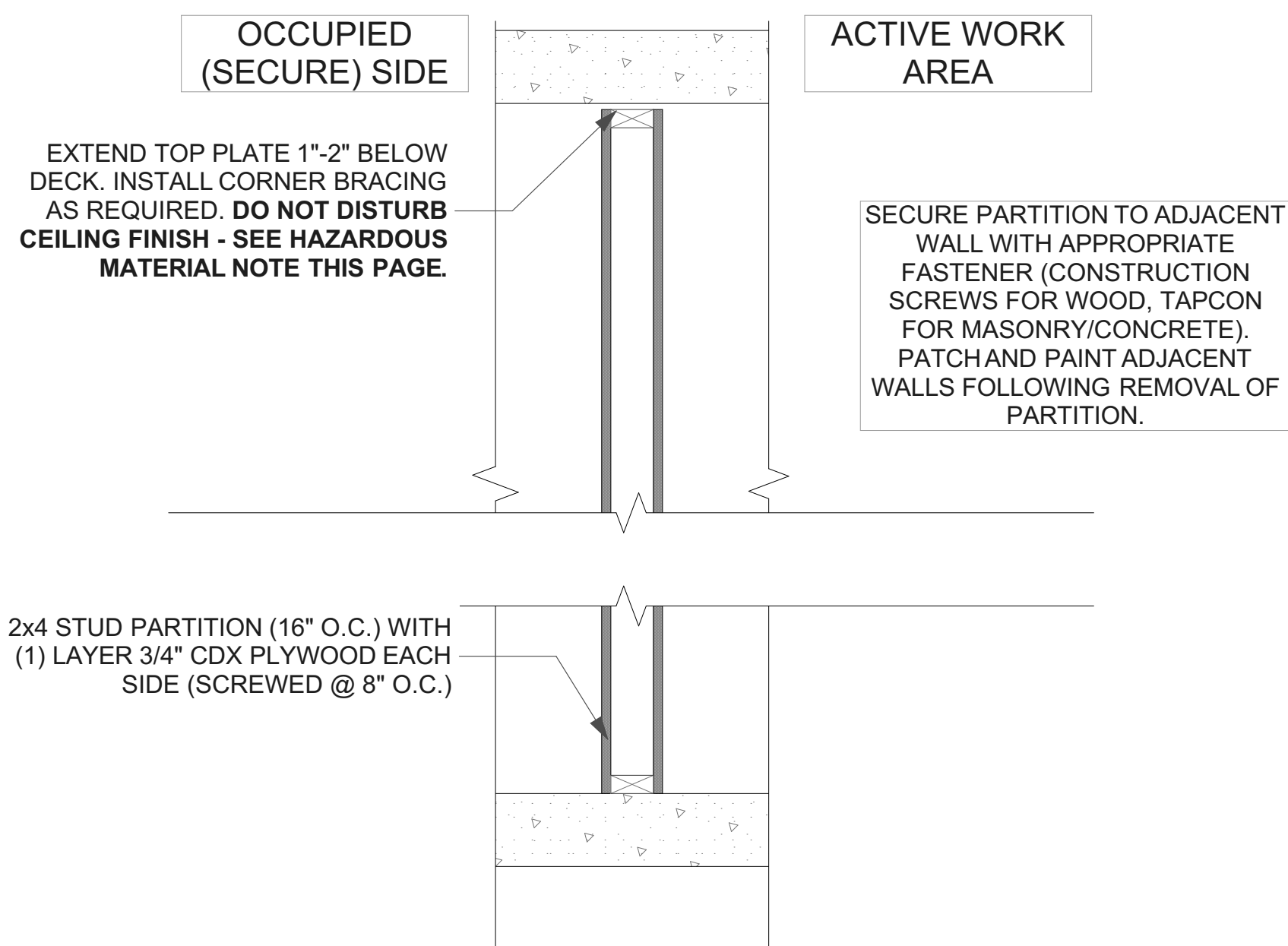
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PROJECT NO: #P1n
DATE: 9/20/2023
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SHEET TITLE
COVER SHEET

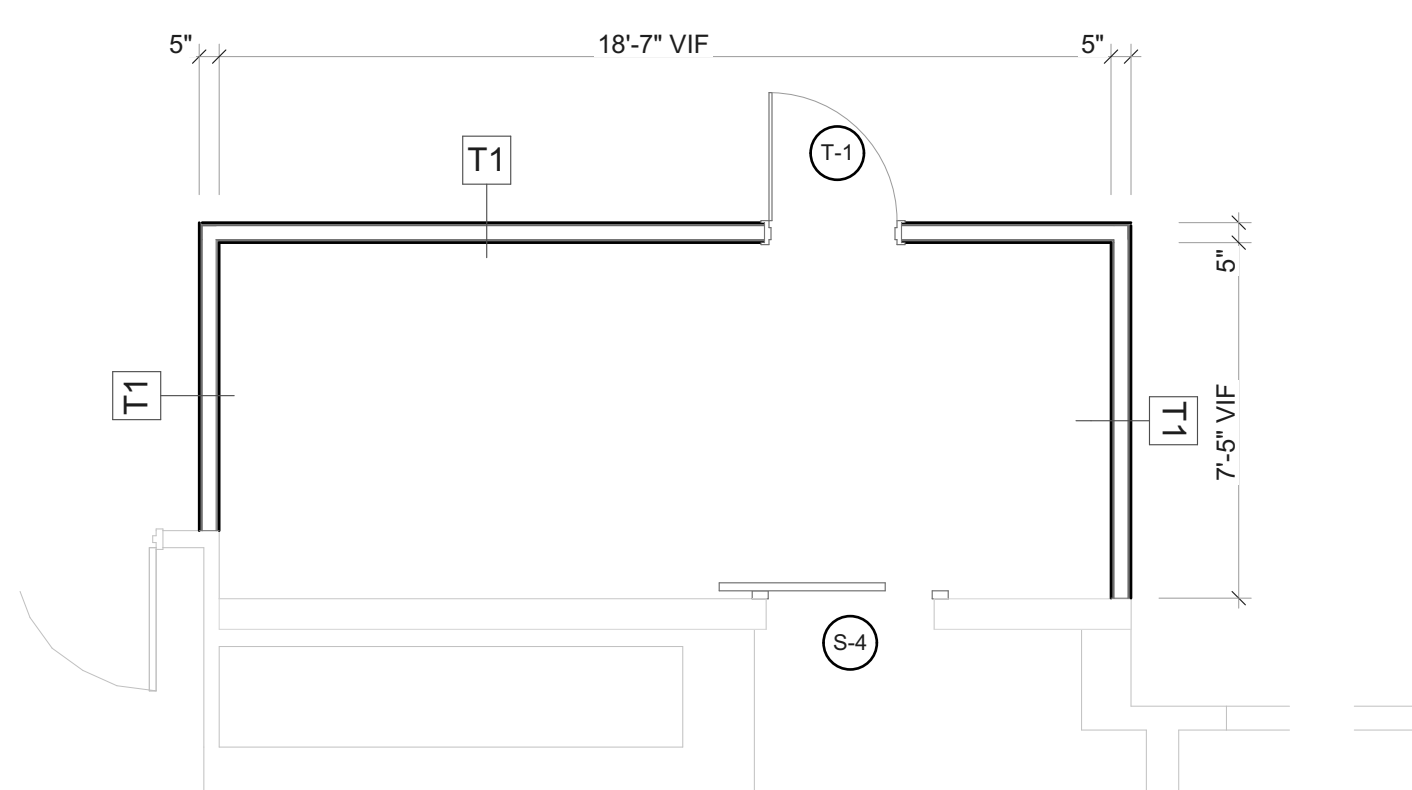
C-1

C:\Users\miken\OneDrive - Horizon Architecture\My Drive\Horizon\Projects\General Projects\G23-014 MPCF Doors\1 - Model and Design\MPCF Doors.pln

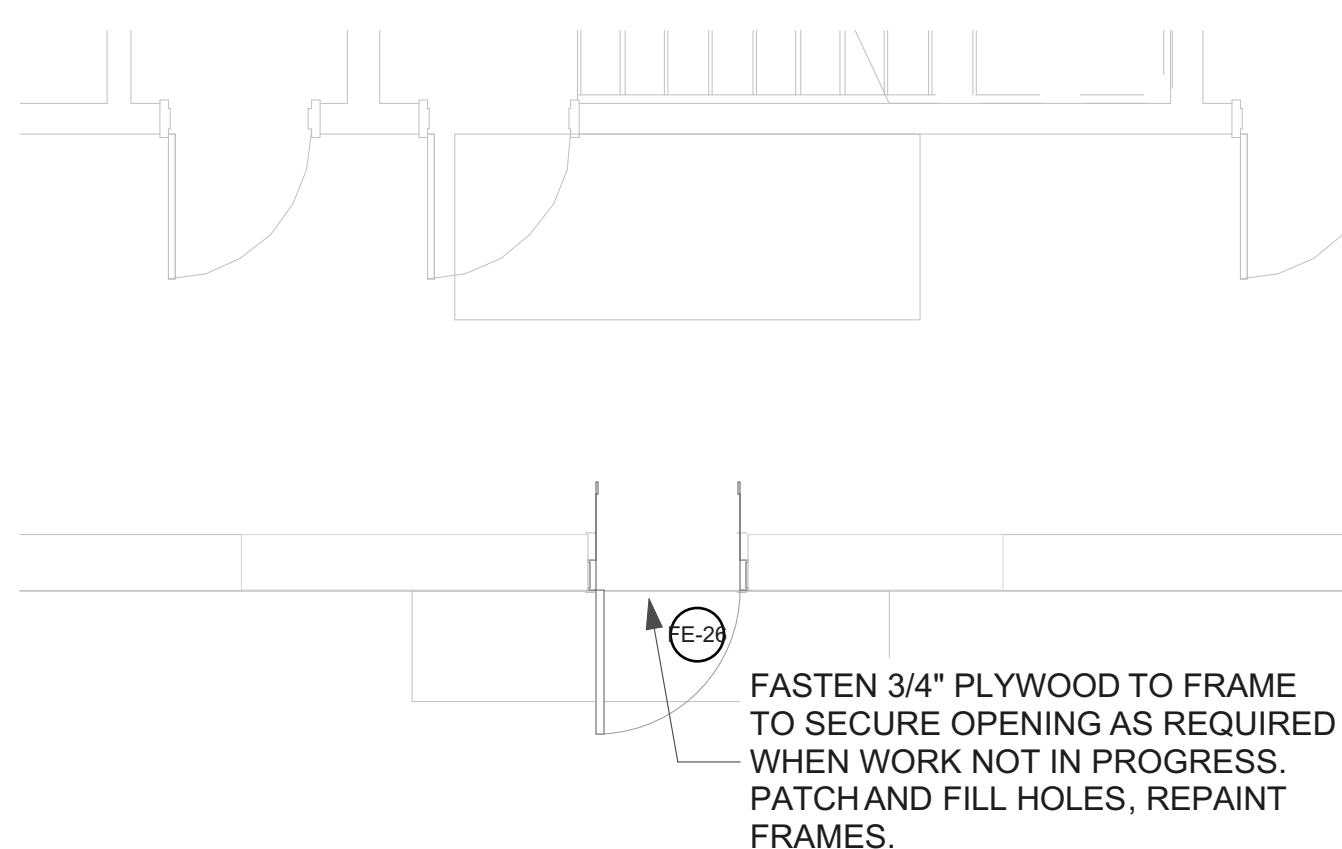


T1 TEMPORARY PARTITION

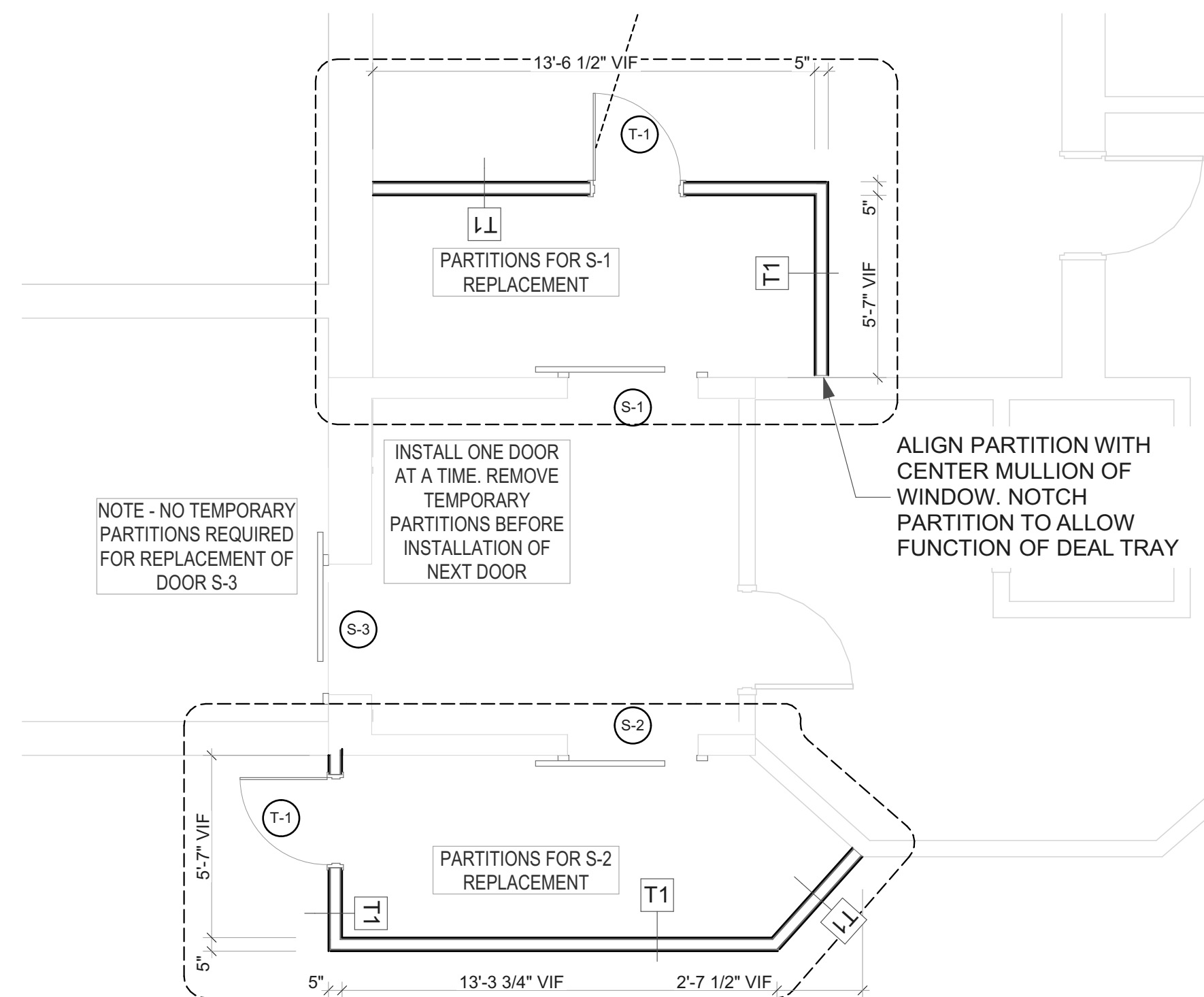
1 TEMPORARY PARTITION DETAIL
SCALE: 1" = 1'-0"



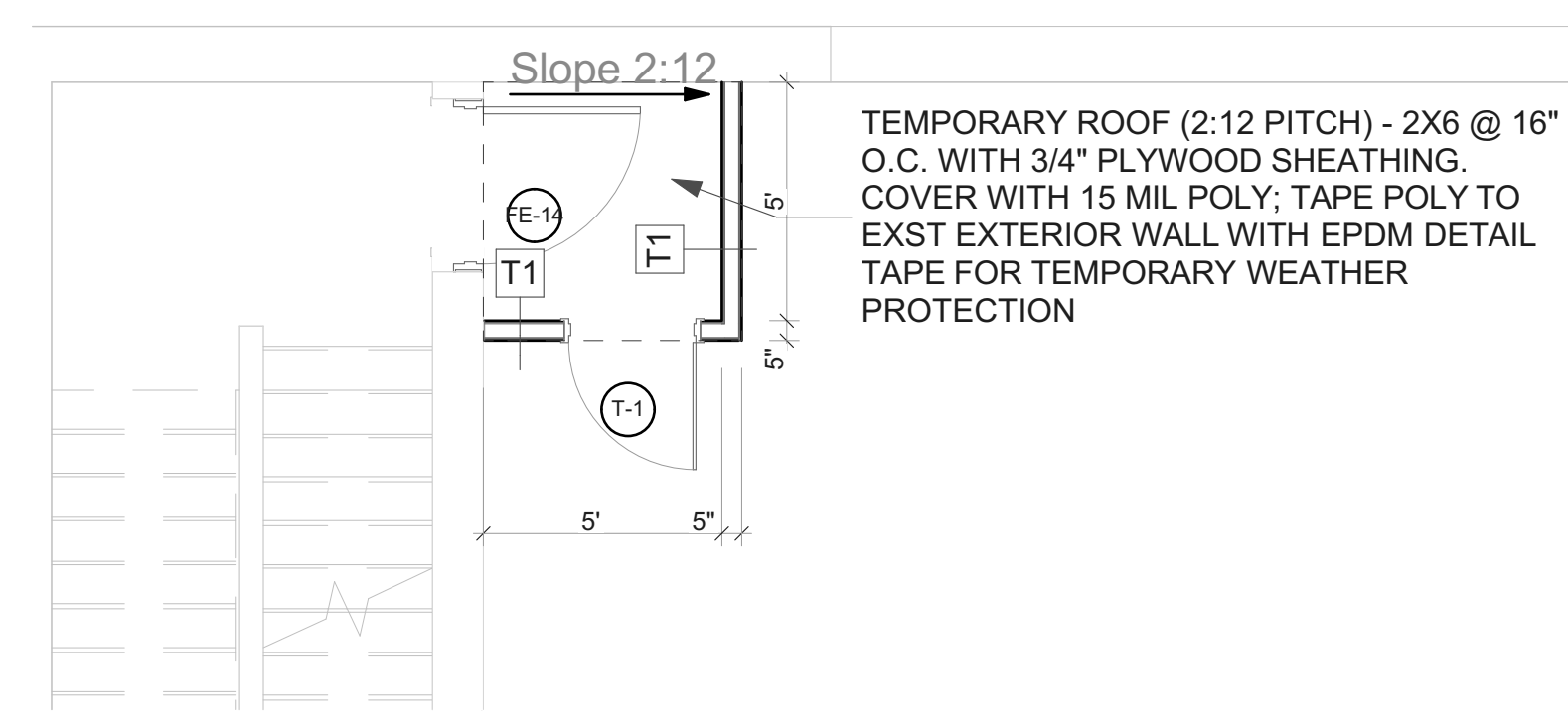
2 DOOR S-4 TEMPORARY PARTITION
SCALE: 1/4" = 1'-0"



6 DOOR FE-26 TEMPORARY PARTITIONS
SCALE: 1/4" = 1'-0"



4 DOORS S-1 AND S-2 TEMPORARY PARTITIONS
SCALE: 1/4" = 1'-0"



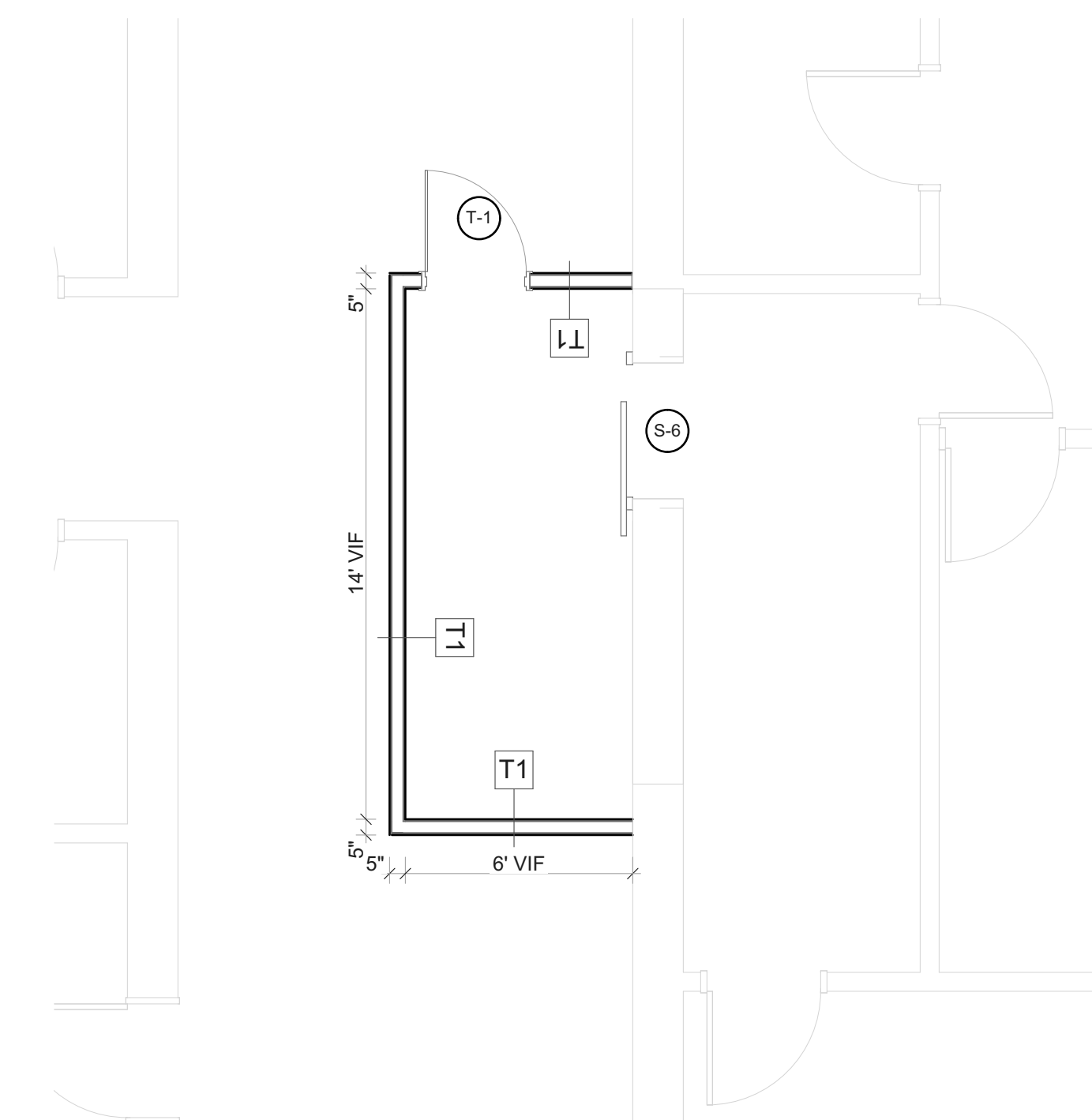
3 DOOR FE-14 TEMPORARY PARTITION
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

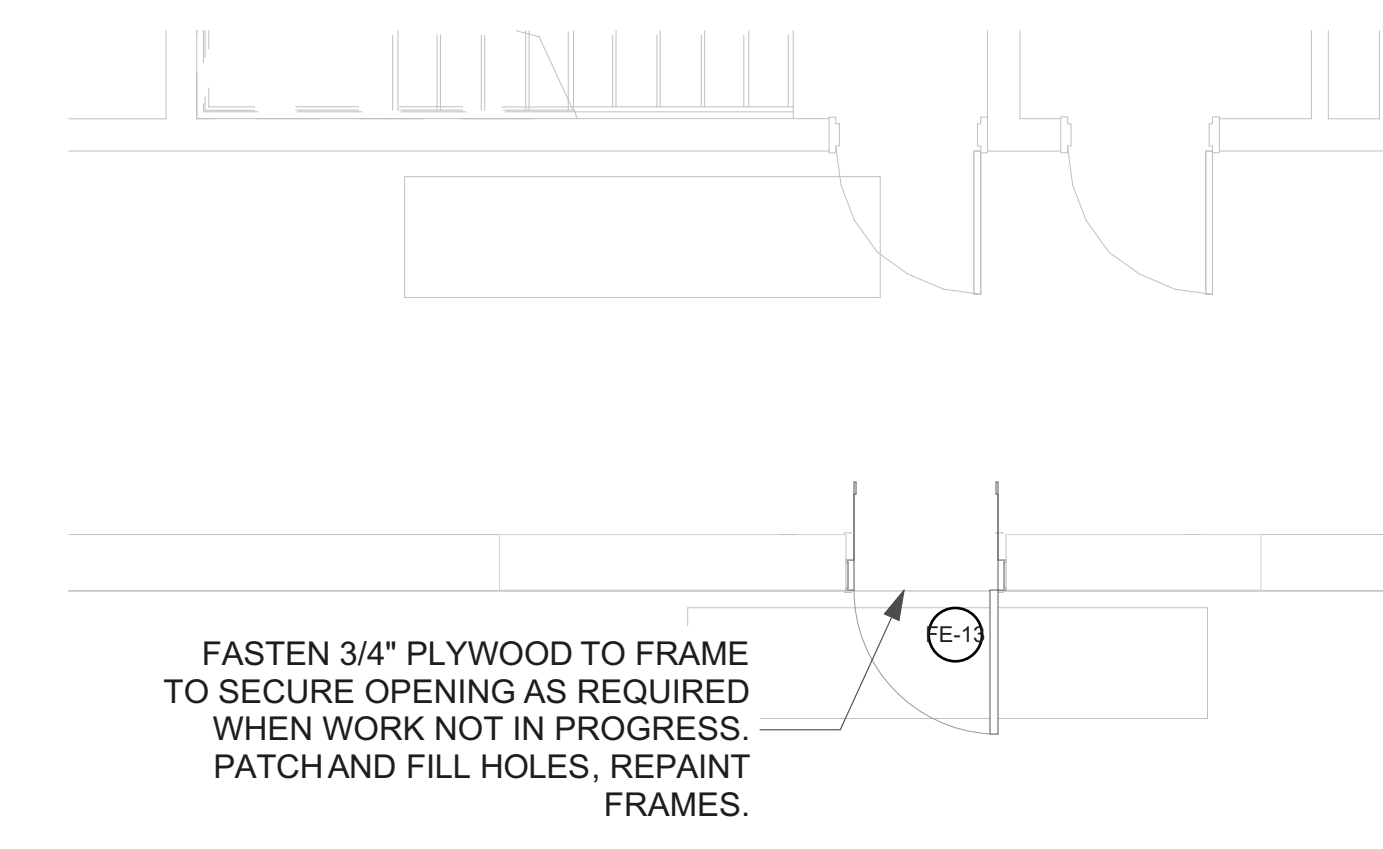
1. ADJACENT SPACES WILL BE OCCUPIED AND OPERATIONAL THROUGHOUT THE EXECUTION OF THE WORK. ALL TEMPORARY PARTITIONS TO EXTEND FROM FINISHED FLOOR TO ROOF DECK AND MUST REMAIN SECURE THROUGHOUT THE PROJECT.
2. INSTALL DUST CONTROL AS REQUIRED THROUGHOUT THE DURATION OF THE PROJECT.
3. PATCH, REPAIR AND REPAINT AND SURFACES DAMAGED BY INSTALLATION OF TEMPORARY PARTITIONS.

HAZARDOUS MATERIAL NOTICE

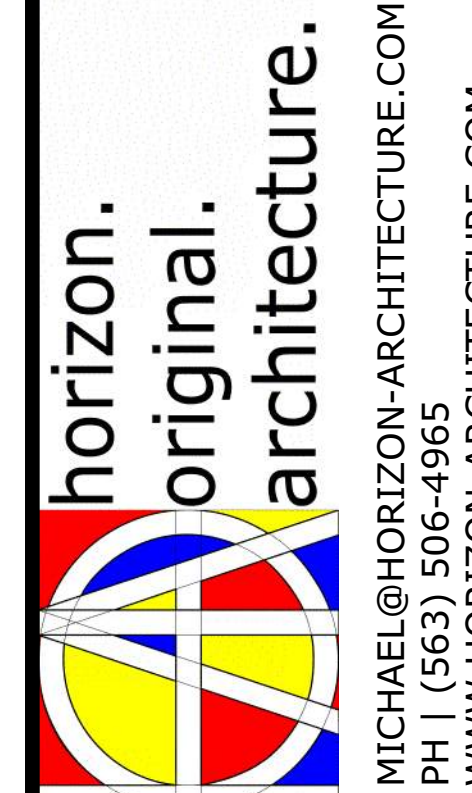
ASBESTOS MATERIAL IS PRESENT IN CEILING FINISH AT LOCATIONS OF WORK. DO NOT DISTURB CEILING FINISH DURING DEMOLITION OR INSTALLATION/REMOVAL OF TEMPORARY PARTITIONS. IF DISTURBANCE OF CEILING IS DEEMED NECESSARY INFORM CONSTRUCTION MANAGER IMMEDIATELY.



5 DOOR S-6 TEMPORARY PARTITIONS
SCALE: 1/4" = 1'-0"



7 DOOR FE-13 TEMPORARY PARTITIONS
SCALE: 1/4" = 1'-0"



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1200 EAST WASHINGTON STREET
MOUNT PLEASANT, IA 52641

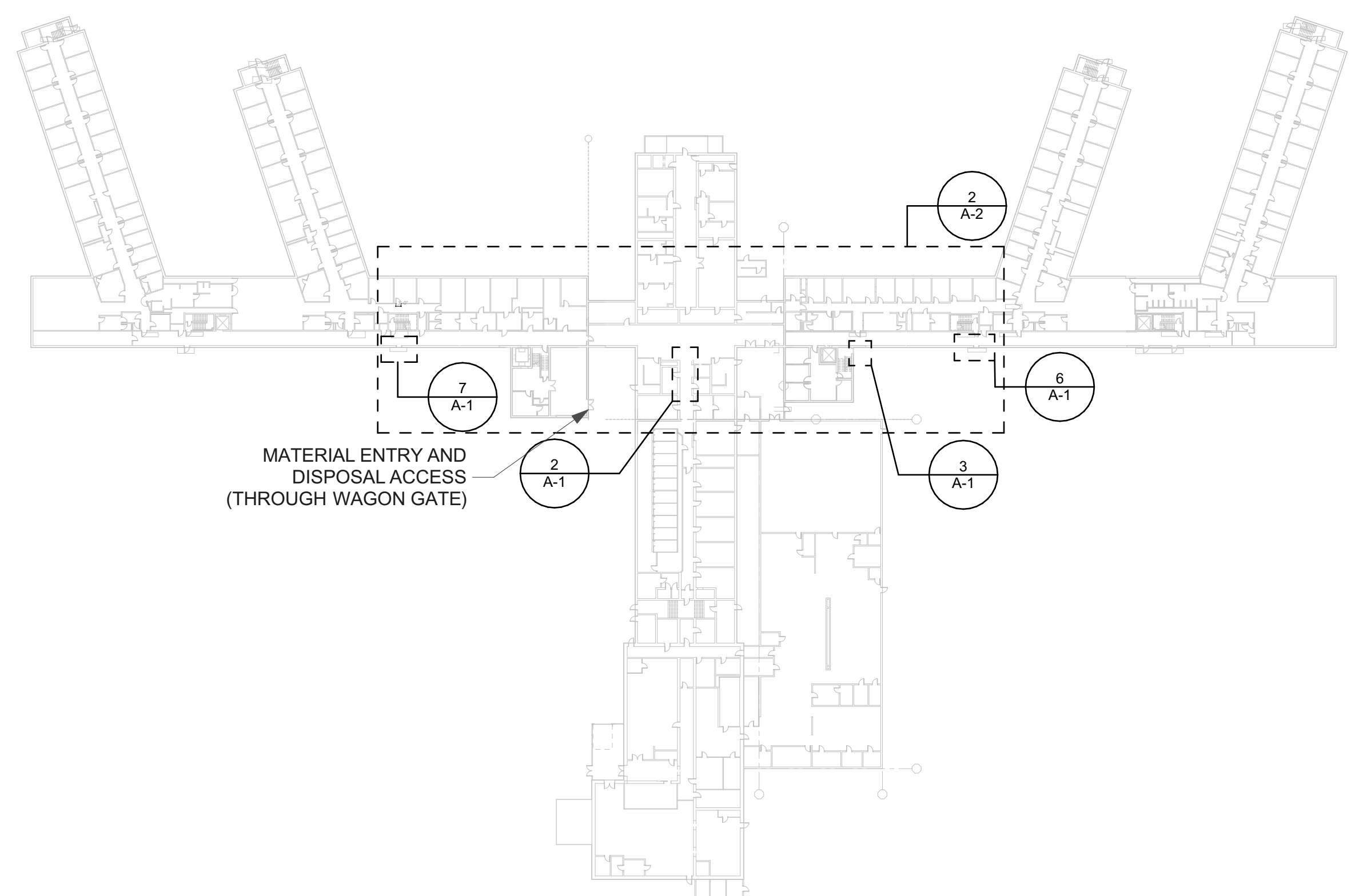
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SHEET TITLE
TEMPORARY CONDITIONS PLAN

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3 1st FLOOR KEY PLAN
SCALE: 1/64" = 1'-0"



FE-26 FRAME REMOVAL EXTENTS. CLEAN, RUST TREAT AND REPAINT REMAINING INFILL FRAMING TO REMAIN.



FE-13 FRAME REMOVAL EXTENTS. CLEAN, RUST TREAT AND REPAINT REMAINING INFILL FRAMING TO REMAIN.

REMOVE AND REINSTALL OR REPLACE UPPER PLATE PANELS AS REQUIRED TO REMOVE AND REPLACE FRAME.

DEMOLITION KEYNOTES

1

REMOVE AND DISPOSE OF DOOR PANEL, ASSOCIATED HARDWARE AND FRAME. PREPARE ROUGH OPENING TO RECEIVE NEW FRAME. PROTECT AND RECONNECT ALL ELECTRICAL AND CONTROL CONNECTIONS.

2

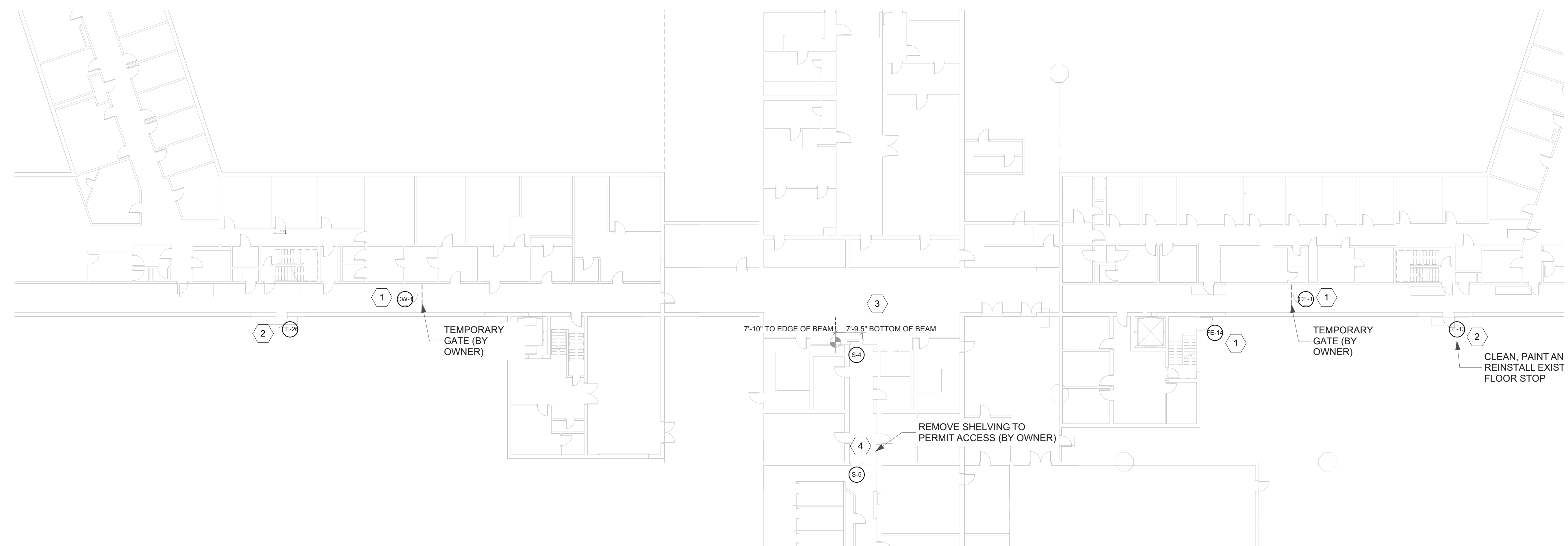
GRIND WELDS OF DOOR FRAME TO THE EXTENT REQUIRED TO REMOVE DOOR AND FRAME. REMOVE AND DISPOSE OF AUTO OPERATOR AND ACCESSORIES (AS APPLICABLE). RETAIN ELECTRICAL AND CONTROLS PATHWAYS AND CONDUCTORS. RETAIN METAL INFILL FRAMING AND PREPARE TO RECEIVE NEW DOOR AND FRAME.

3

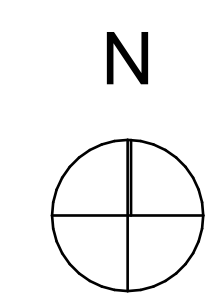
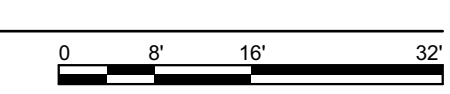
DISCONNECT AND PROTECT ALL ELECTRICAL AND CONTROLS CONNECTIONS. REMOVE MASONRY ANCHORS AND GRIND WELDS AS REQUIRED TO REMOVE AND DISPOSE OF DOOR PANEL, SLIDING DOOR MECHANISM, TRACKS AND FRAMES. RETAIN STEEL IN OPENING AND PREPARE FRAMES TO RECEIVE NEW SLIDING DOOR ASSEMBLY. REPLACE ONLY ONE DOOR AT A TIME.

4

REMOVE AND DISPOSE OF SLIDING DOOR ACUATOR MECHANISM AND LOWER GUIDE. RETAIN FRAME, HOOD AND CASING. PREPARE CASE TO ACCEPT NEW OPERATING HARDWARE. PROTECT AND RETAIN ALL ELECTRICAL AND CONTROLS CONNECTIONS. REPAIR REUSED COMPONENTS. COORDINATE INSTALLATION WITH DOOR S-4, REPLACE ONLY ONE DOOR AT A TIME.



2 1st FLOOR
SCALE: 1/16" = 1'-0"



INITIALS _____

ISSUED FOR PERMIT AND CONSTRUCTION

horizon.
original.
architecture.

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PH 1 (563) 506-4965
WWW.HORIZON-ARCHITECTURE.COM

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INTERLOCKING DOOR
REPLACEMENTS**

1200 EAST WASHINGTON STREET
MOUNT PLEASANT, IA 52641

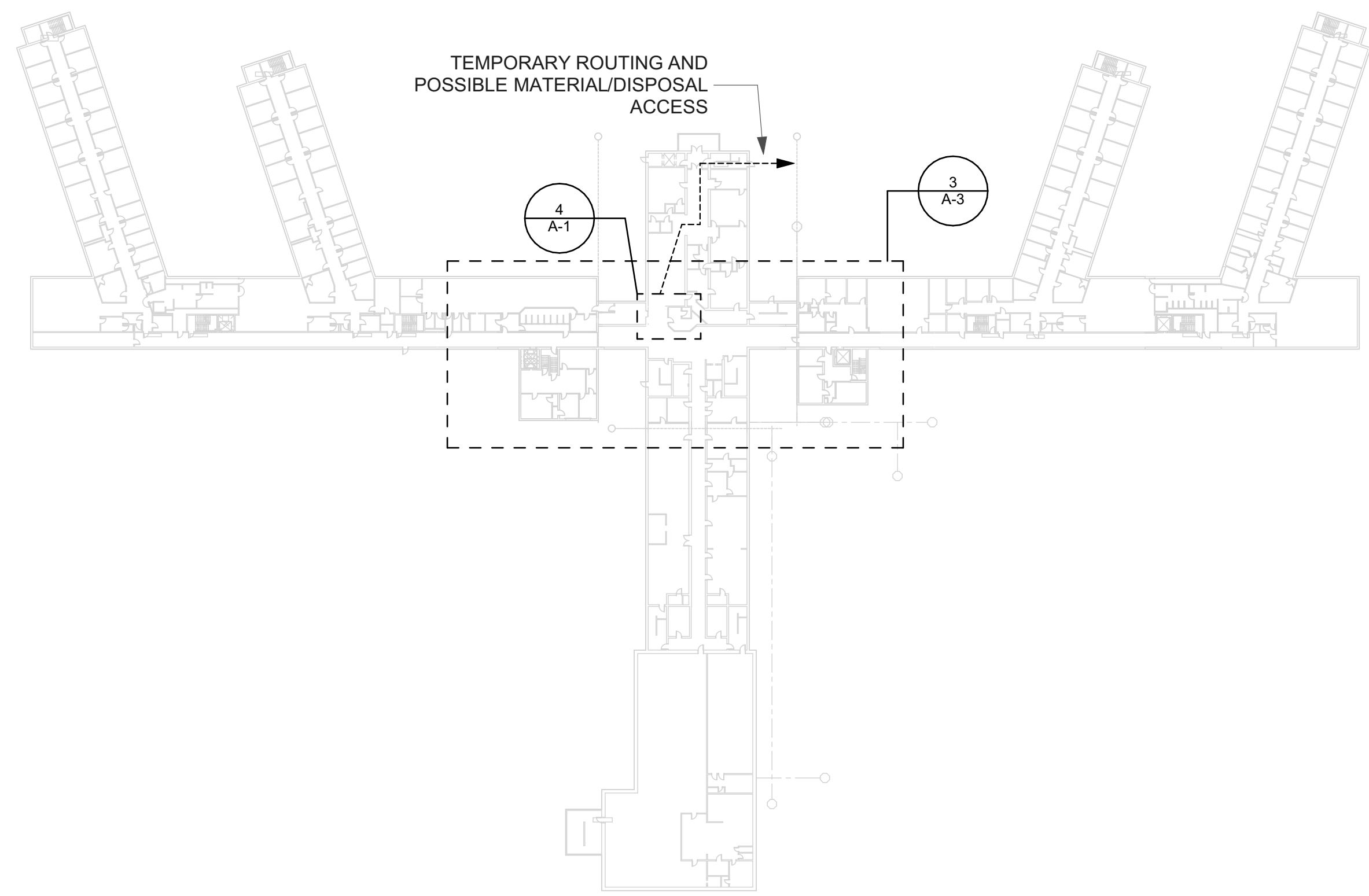
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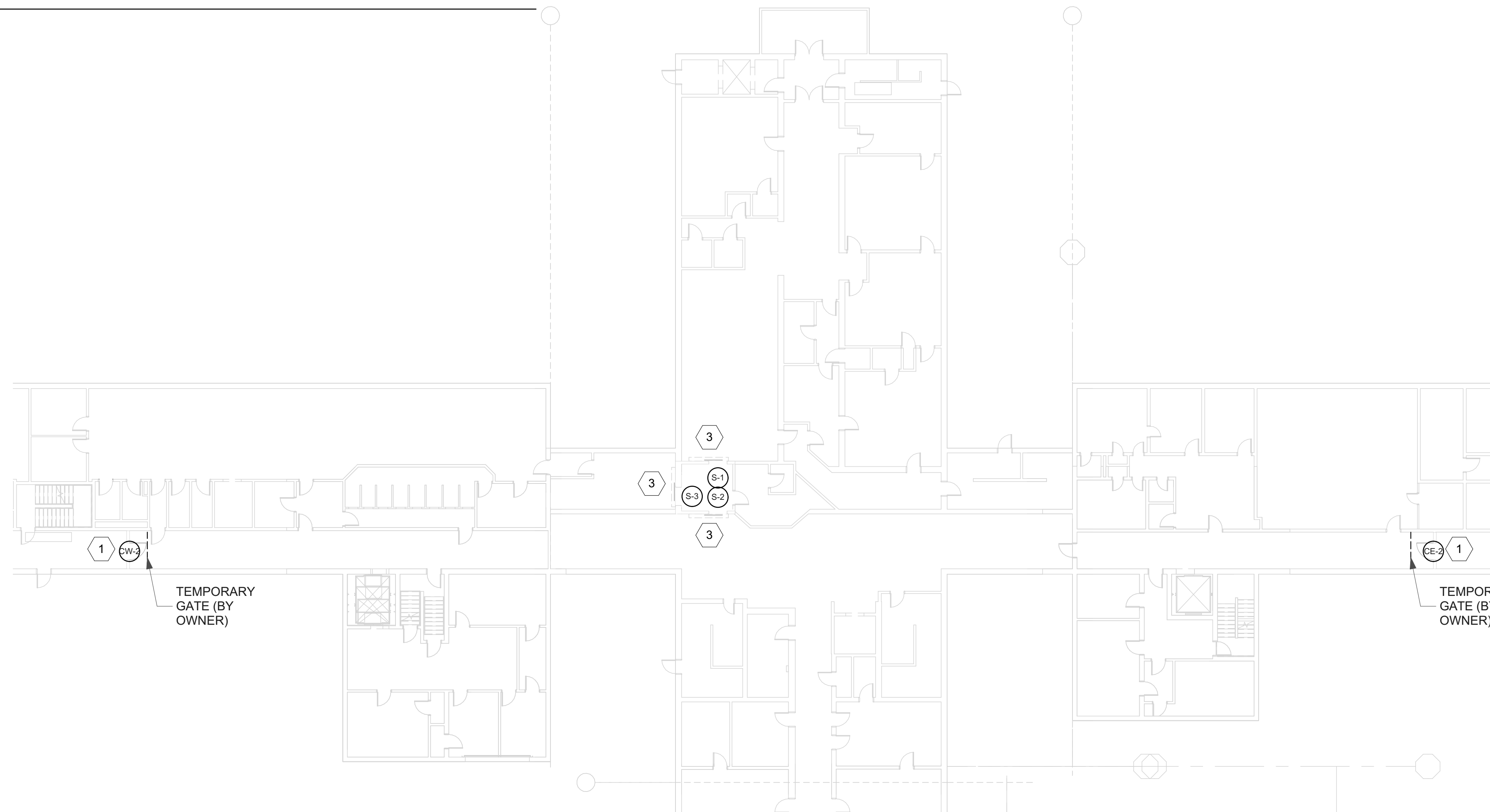
SHEET TITLE
**FIRST FLOOR
PLAN**

A-2

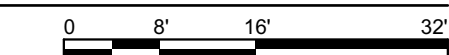
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2 2ND FLOOR KEY PLAN
SCALE: 1/64" = 1'-0"



3 2ND FLOOR
SCALE: 1/16" = 1'-0"



DEMOLITION KEYNOTES

- 1 REMOVE AND DISPOSE OF DOOR PANEL, ASSOCIATED HARDWARE AND FRAME. PREPARE ROUGH OPENING TO RECEIVE NEW FRAME. PROTECT AND RECONNECT ALL ELECTRICAL AND CONTROL CONNECTIONS.
- 2 GRIND WELDS OF DOOR FRAME TO THE EXTENT REQUIRED TO REMOVE DOOR AND FRAME. REMOVE AND DISPOSE OF AUTO OPERATOR AND ACCESSORIES (AS APPLICABLE). RETAIN ELECTRICAL AND CONTROLS PATHWAYS AND CONDUCTORS. RETAIN METAL INFILL FRAMING AND PREPARE TO RECEIVE NEW DOOR AND FRAME.
- 3 DISCONNECT AND PROTECT ALL ELECTRICAL AND CONTROLS CONNECTIONS. REMOVE MASONRY ANCHORS AND GRIND WELDS AS REQUIRED TO REMOVE AND DISPOSE OF DOOR PANEL, SLIDING DOOR MECHANISM, TRACKS AND FRAMES. RETAIN STEEL IN OPENING AND PREPARE FRAMES TO RECEIVE NEW SLIDING DOOR ASSEMBLY. REPLACE ONLY ONE DOOR AT A TIME.
- 4 REMOVE AND DISPOSE OF SLIDING DOOR ACUATOR MECHANISM AND LOWER GUIDE. RETAIN FRAME, HOOD AND CASING. PREPARE CASE TO ACCEPT NEW OPERATING HARDWARE. PROTECT AND RETAIN ALL ELECTRICAL AND CONTROLS CONNECTIONS. REPAINT REUSED COMPONENTS. COORDINATE INSTALLATION WITH DOOR S-4. REPLACE ONLY ONE DOOR AT A TIME.



MICHAEL@HORIZON-ARCHITECTURE.COM
PH 1 (563) 506-4965
WWW.HORIZON-ARCHITECTURE.COM

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INTERLOCKING DOOR
REPLACEMENTS**

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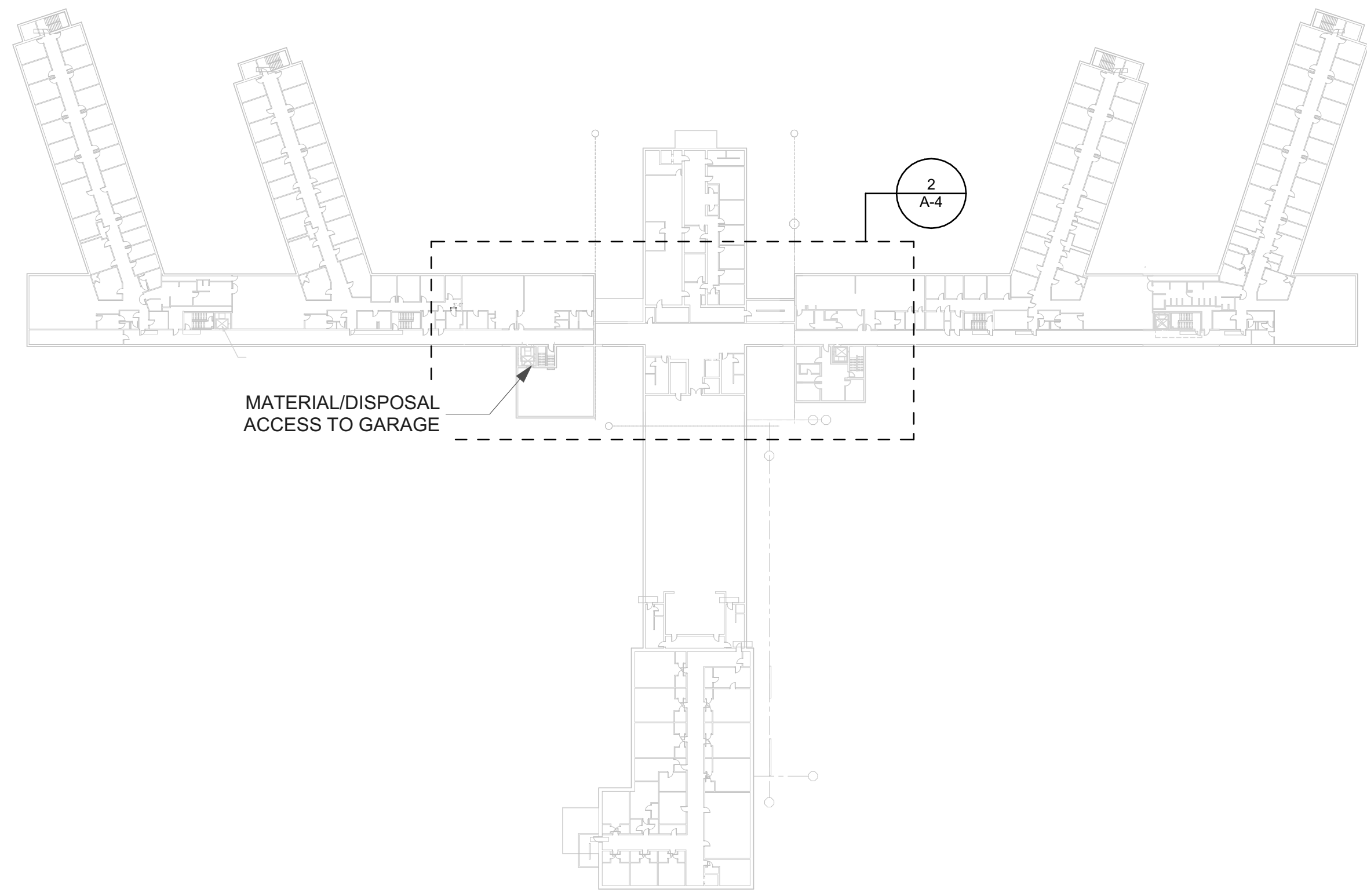
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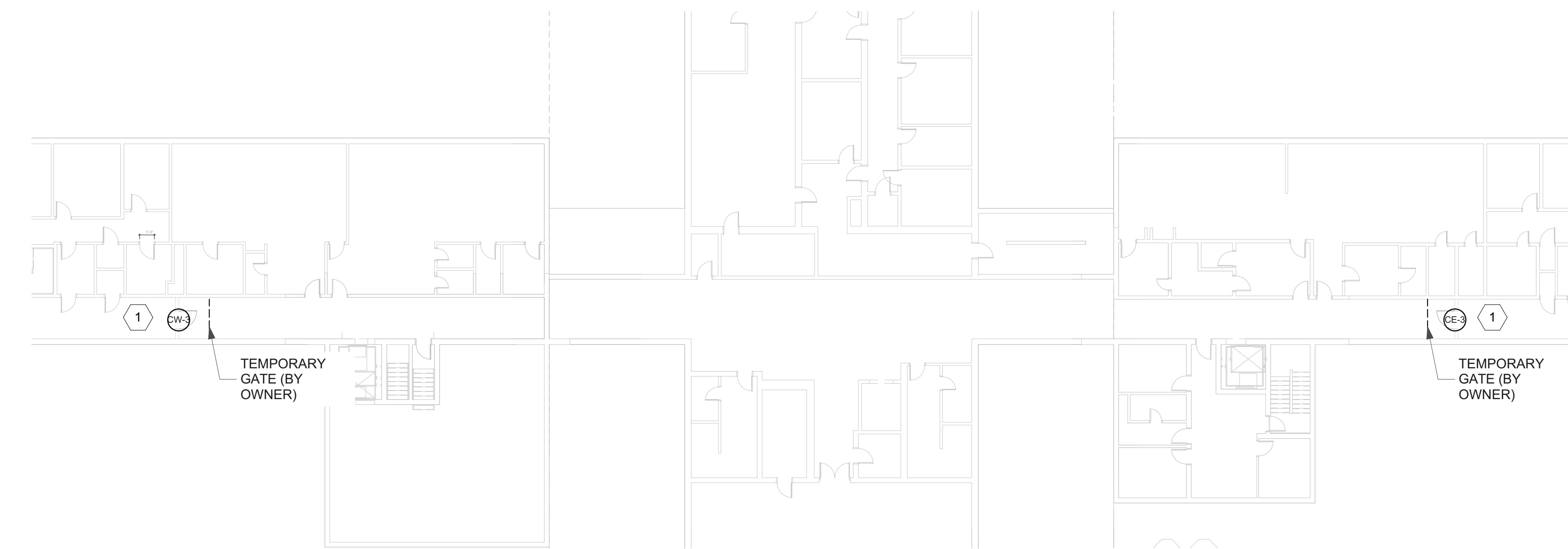
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**2ND FLOOR
PLAN**

A-3

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3 3RD FLOOR KEY PLAN
SCALE: 1/64" = 1'-0"



2 3RD FLOOR
SCALE: 1/16" = 1'-0"

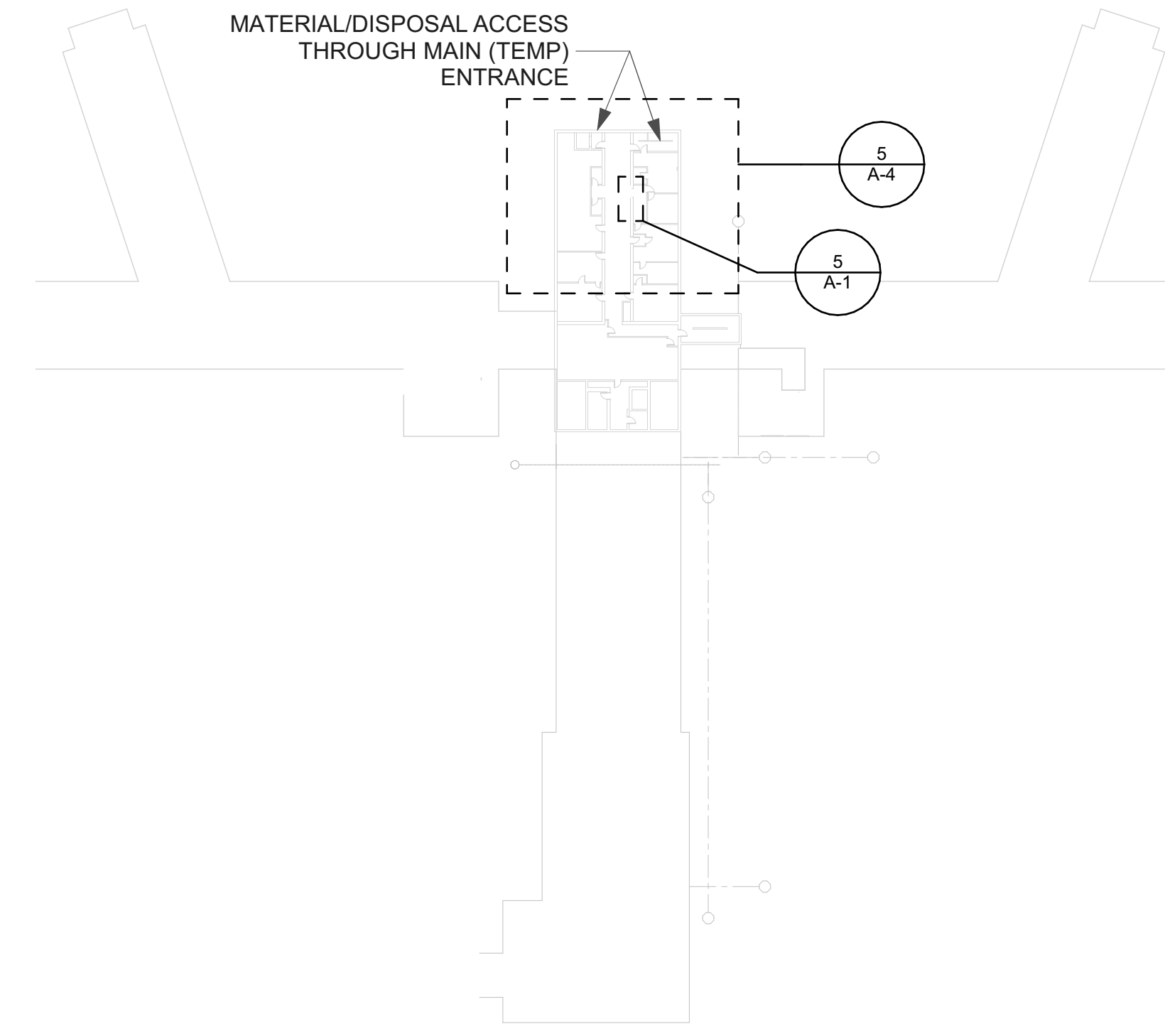
DEMOLITION KEYNOTES

1 REMOVE AND DISPOSE OF DOOR PANEL, ASSOCIATED HARDWARE AND FRAME. PREPARE ROUGH OPENING TO RECEIVE NEW FRAME. PROTECT AND RECONNECT ALL ELECTRICAL AND CONTROL CONNECTIONS.

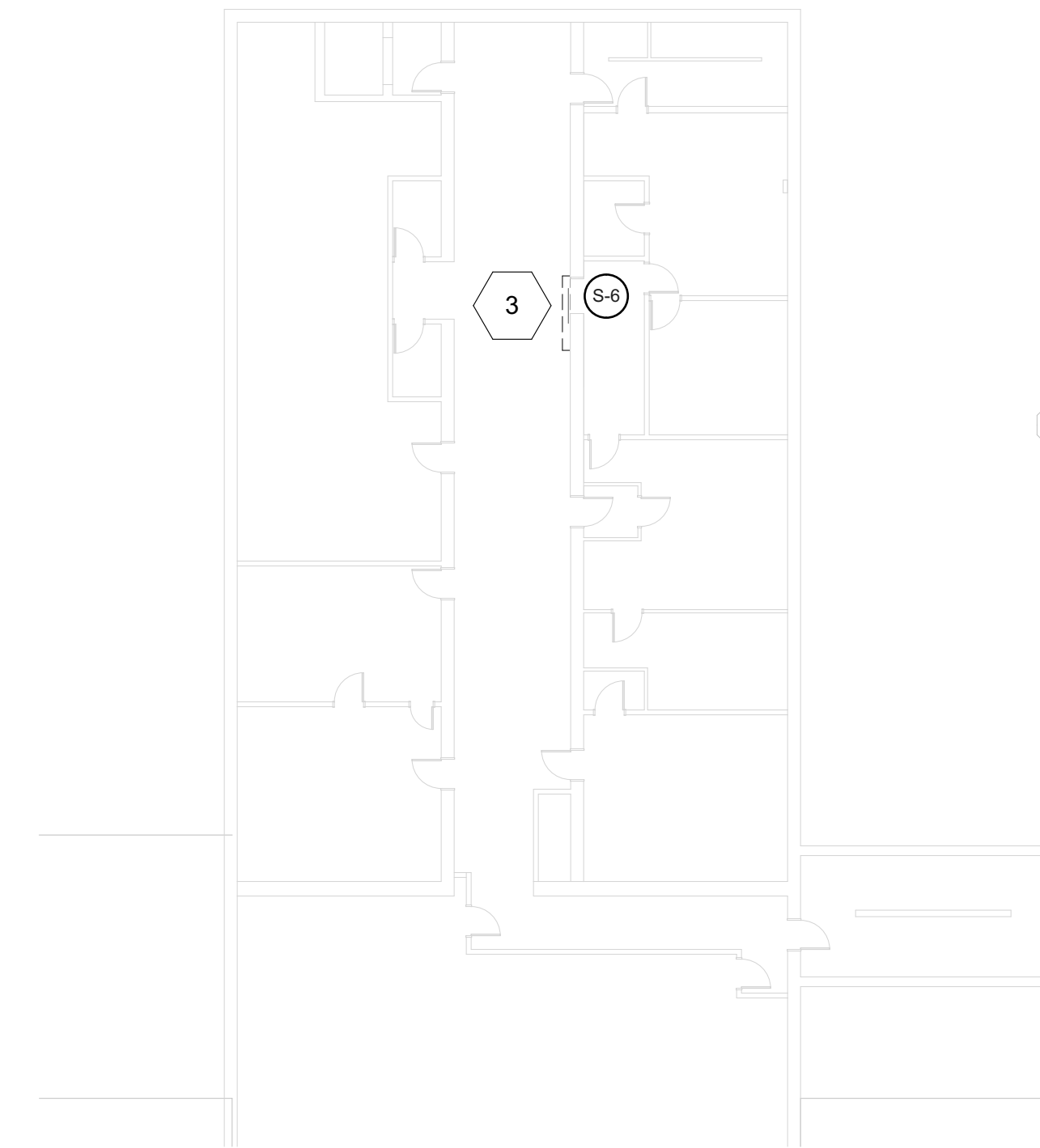
2 GRIND WELDS OF DOOR FRAME TO THE EXTENT REQUIRED TO REMOVE DOOR AND FRAME. REMOVE AND DISPOSE OF AUTO OPERATOR AND ACCESSORIES (AS APPLICABLE). RETAIN ELECTRICAL AND CONTROLS PATHWAYS AND CONDUCTORS. RETAIN METAL INFILL FRAMING AND PREPARE TO RECEIVE NEW DOOR AND FRAME.

3 DISCONNECT AND PROTECT ALL ELECTRICAL AND CONTROLS CONNECTIONS. REMOVE MASONRY ANCHORS AND GRIND WELDS AS REQUIRED TO REMOVE AND DISPOSE OF DOOR PANEL, SLIDING DOOR MECHANISM, TRACKS AND FRAMES. RETAIN STEEL IN OPENING AND PREPARE FRAMES TO RECEIVE NEW SLIDING DOOR ASSEMBLY. REPLACE ONLY ONE DOOR AT A TIME.

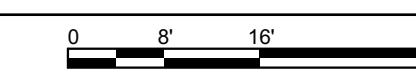
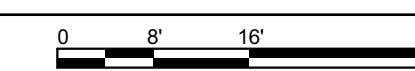
4 REMOVE AND DISPOSE OF SLIDING DOOR ACUATOR MECHANISM AND LOWER GUIDE. RETAIN FRAME, HOOD AND CASING. PREPARE CASE TO ACCEPT NEW OPERATING HARDWARE. PROTECT AND RETAIN ALL ELECTRICAL AND CONTROLS CONNECTIONS. REPAINT REUSED COMPONENTS. COORDINATE INSTALLATION WITH DOOR S-4, REPLACE ONLY ONE DOOR AT A TIME.



4 5TH FLOOR KEY PLAN
SCALE: 1/64" = 1'-0"



5 5TH FLOOR
SCALE: 1/16" = 1'-0"



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SHEET TITLE
**THIRD AND
FIFTH FLOOR
PLAN**

A-4

DOOR SCHEDULE											
ID	Quantity	W	HT	THK	FRAME	PANEL	GLZ	HW SET	STENCIL	LOCK TYPE	NOTES
CE-1	1	3'-8"	7'-2"	1 3/4"	1	B	12"x12"	1	CORRIDOR E-1	MOGUL	
CE-2	1	3'-8"	7'-2"	1 3/4"	1	B	12"x12"	1	CORRIDOR E-2	MOGUL	
CE-3	1	3'-8"	7'-2"	1 3/4"	1	B	12"x12"	1	CORRIDOR E-3	MOGUL	
CW-1	1	3'-8"	7'-2"	1 3/4"	1	B	12"x12"	1	CORRIDOR W-1	MOGUL	PATCH BROKEN BLOCK AT BASE
CW-2	1	3'-8"	7'-2"	1 3/4"	1	B	12"x12"	1	CORRIDOR W-2	MOGUL	
CW-3	1	3'-8"	7'-2"	1 3/4"	1	B	12"x12"	1	CORRIDOR W-3	MOGUL	
FE-13	1	3'-4"	7'	2"	2	B	12"x12"	2	FIRE EXIT 13	-	
FE-14	1	3'-7 1/2"	6'-11 1/4"	1 3/4"	1	B	12"x12"	4	FIRE EXIT 14	-	
FE-26	1	3'-4"	7'	2"	2	C	12"x12"	3	FIRE EXIT 26	MOGUL	
S-1	1	3'-10"	6'-10"	2"	3 & 4/A-5	A	MULTI	5	-	PARACENTRIC	RETAIN AND REINSTALL PLACARDS
S-2	1	3'-10"	6'-10"	2"	3 & 4/A-5	A	MULTI	5	-	PARACENTRIC	RETAIN AND REINSTALL PLACARDS
S-3	1	3'-10"	6'-10"	2"	3 & 4/A-5	A	MULTI	5	-	PARACENTRIC	RETAIN AND REINSTALL PLACARDS
S-4	1	3'-4"	6'-8"	2"	3 & 4/A-5	B	6"x12"	5	10 CELL WEST	PARACENTRIC	
S-5	1	3'-4"	6'-8"	1 3/4"	-	-	GATE	5	-	PARACENTRIC	RETAIN GATE AND HOUSING, REPLACE OPERATOR AND GUIDE TRACK, REPAINT ALL RETAINED ASSEMBLY.
S-6	1	3'-5"	6'-8"	1 3/4"	3 & 4/A-5	A	MULTI	5	-	PARACENTRIC	RETAIN AND REINSTALL PLACARDS
T-1	5	3'	7'	-3/4"							3/4" PLYWOOD PANEL WITH (3) BOLTED HINGES AND 2" HOLE FOR CHAIN/PADLOCK SECUREMENT

HARDWARE SETS

SET 1 - CORRIDOR DOORS

- (2) STANDARD HINGES
- (1) ELECTRIC HINGE
- (1) ELECTRIC RELEASE MORTISE LOCKSET (MOGUL KEY)
- (1) MAG HOLD OPEN (FA CONNECTED)
- (1) CLOSER
- (1) DOOR POSITION SENSOR
- (1) KICK PLATES

SET 2 - EXTERIOR CORRIDOR DOOR

- (4) STANDARD HINGES
- (1) MAG HOLD CLOSE (FA CONNECTED)
- (1) OVERHEAD CLOSER
- (1) DOOR POSITION SENSOR
- (2) KICK PLATES
- (2) PULL HANDLES
- (1) THRESHOLD
- (1) WEATHERSTRIPPING

SET 3 - EXTERIOR CORRIDOR DOOR (OPENER)

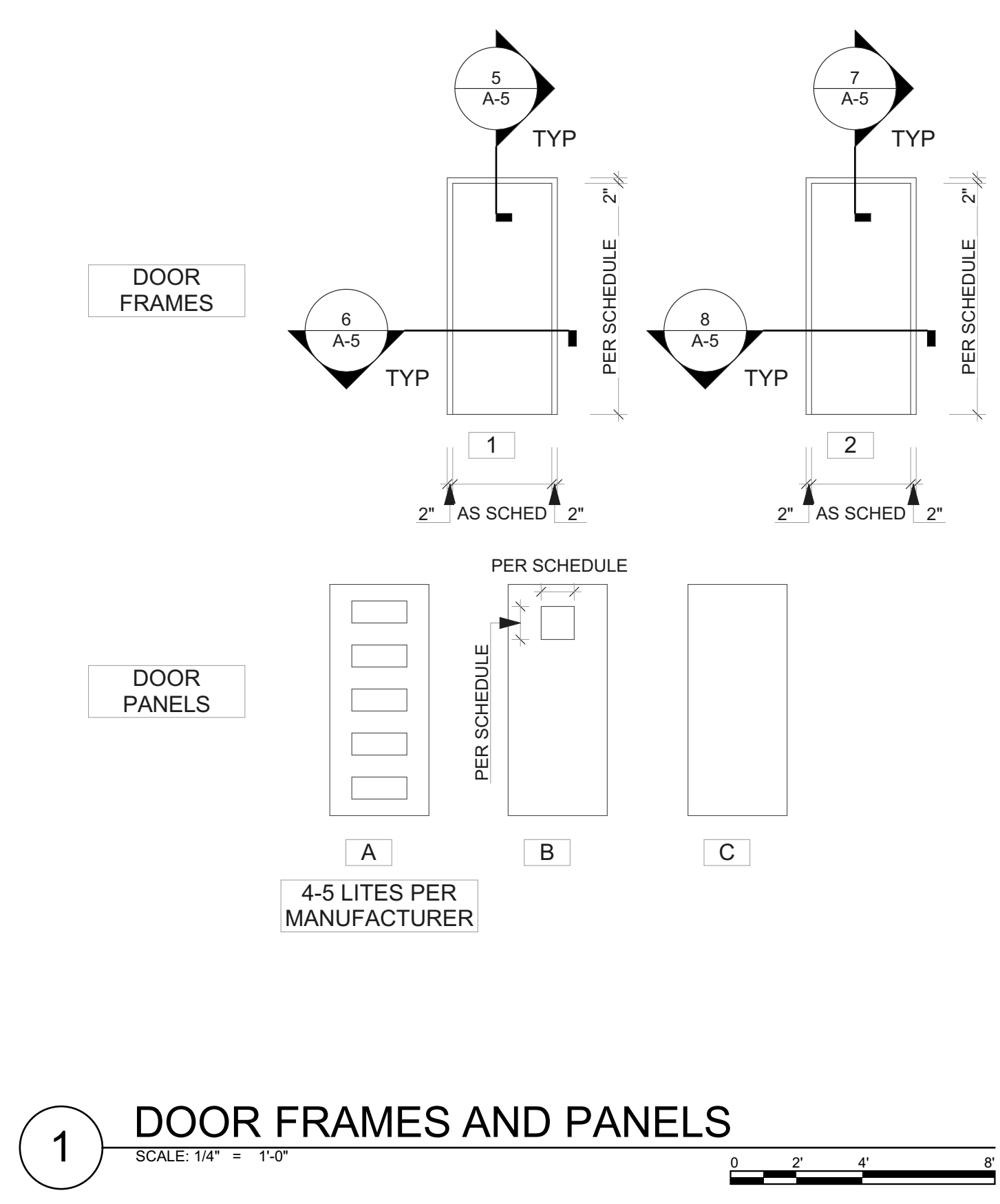
- (4) STANDARD HINGES
- (1) MAG HOLD CLOSE (FA CONNECTED)
- (1) AUTOMATIC OPENER/CLOSER
- (1) REMOTE SWITCH
- (1) DOOR POSITION SENSOR
- (2) KICK PLATES
- (2) PULL HANDLES
- (1) THRESHOLD
- (1) WEATHERSTRIPPING

SET 4 - EXTERIOR STAIR DOOR

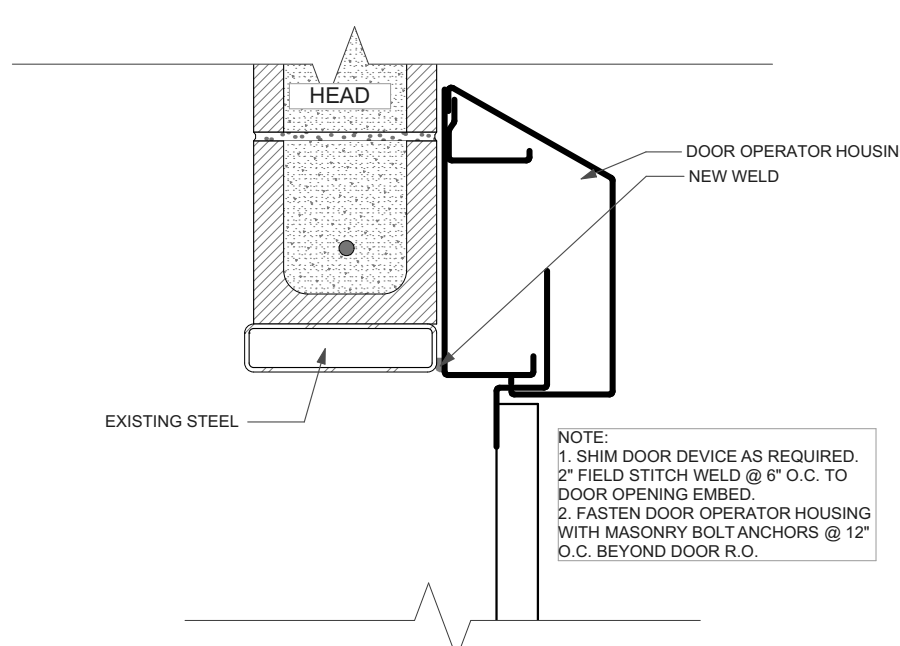
- (4) STANDARD HINGES
- (1) PANIC EXIT DEVICE
- (1) MORTISE LOCK/LATCH (MOGUL KEY)
- (1) EXTERIOR HANDLE
- (1) OVERHEAD CLOSER
- (1) DOOR POSITION SENSOR
- (2) KICK PLATES
- (1) THRESHOLD
- (1) WEATHERSTRIPPING

SET 5 - SLIDING DOORS

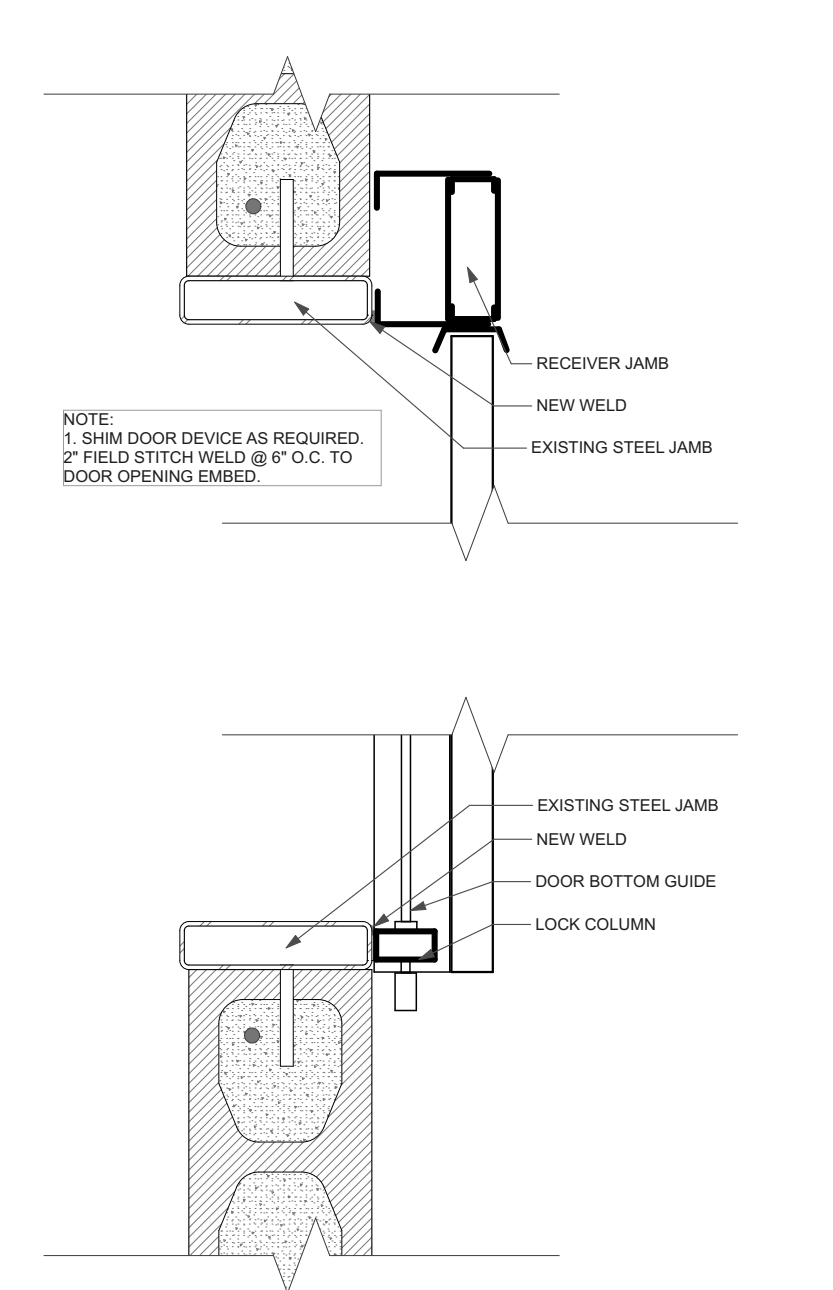
- (1) SLIDING DOOR HARDWARE WITH MANUAL RELEASE (PARACENTRIC KEYING)



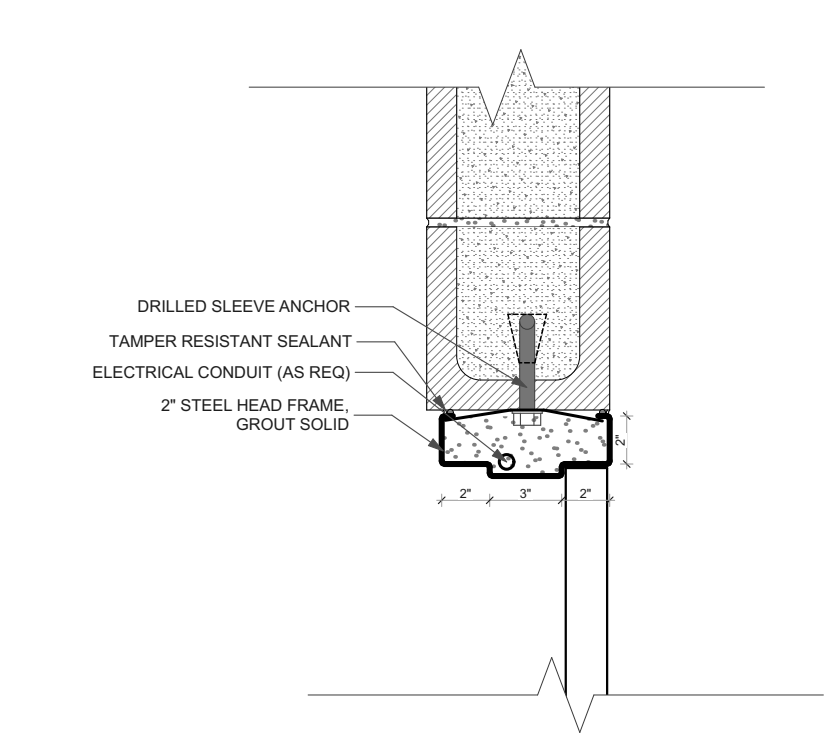
1 DOOR FRAMES AND PANELS
SCALE: 1/4" = 1'-0"
0 2' 4' 8'



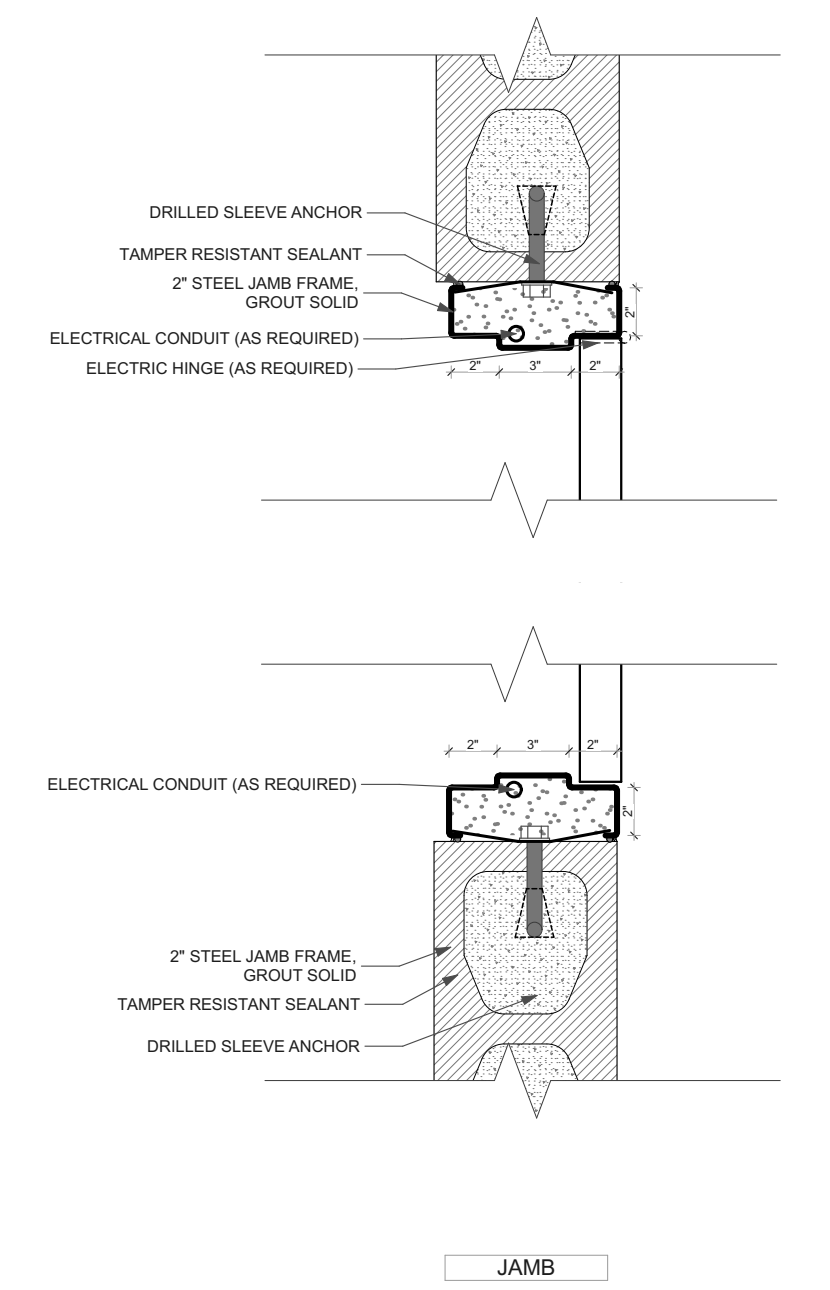
3 SLIDING DOOR HEAD
SCALE: 1 1/2" = 1'-0"
0 6" 12" 18"



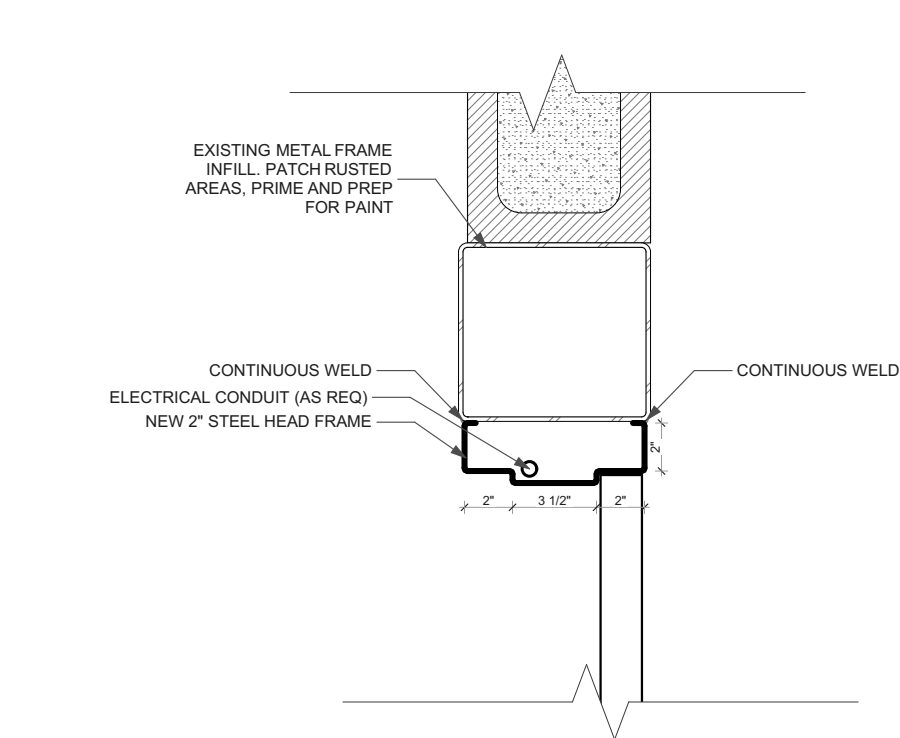
4 SLIDING DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"
0 6" 12" 18"



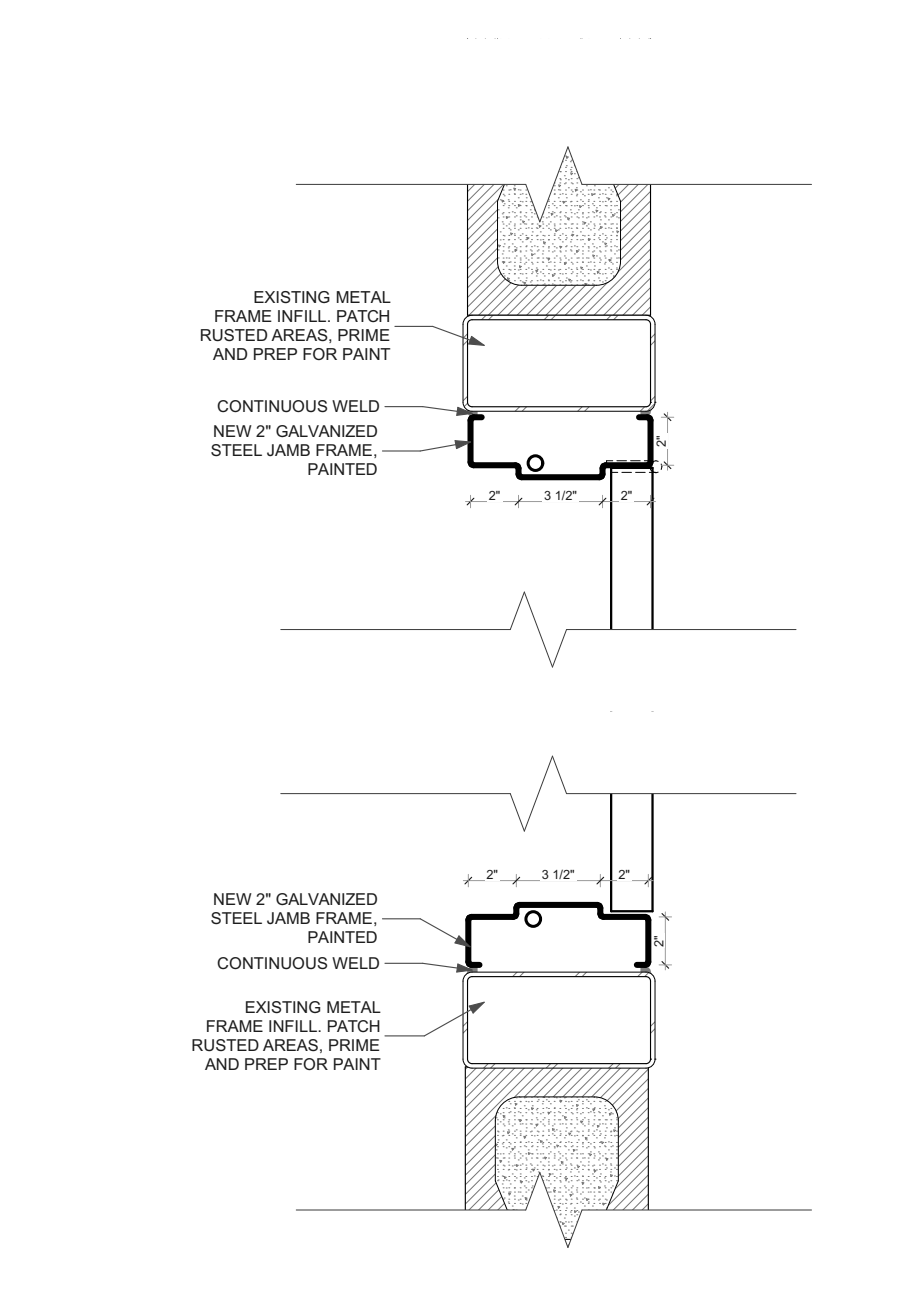
5 DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"
0 6" 12" 18"



6 DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"
0 6" 12" 18"



7 EXTERIOR DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"
0 6" 12" 18"

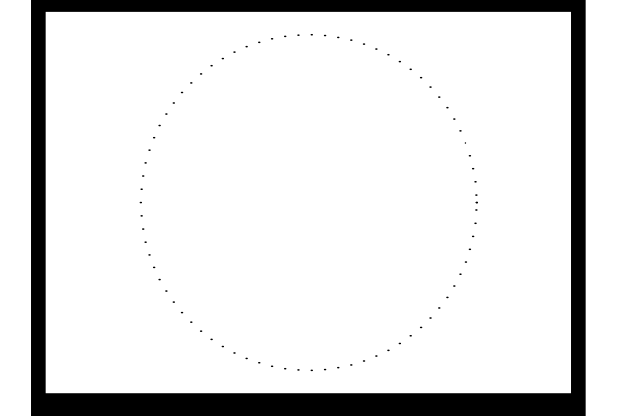


8 EXTERIOR DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"
0 6" 12" 18"

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MARK	DATE	DESCRIPTION

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DATE: 9/20/2023
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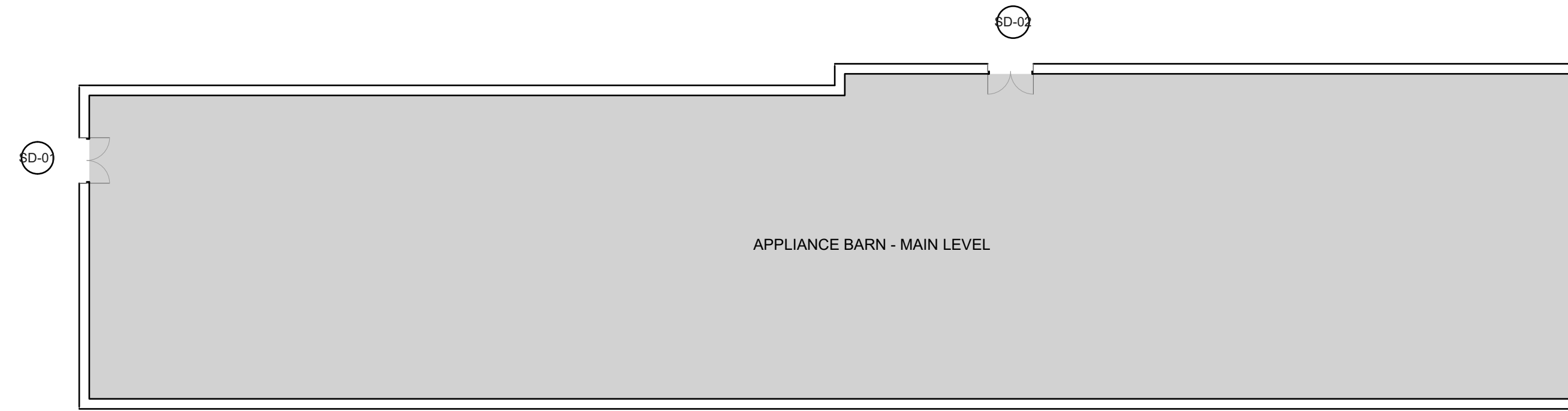
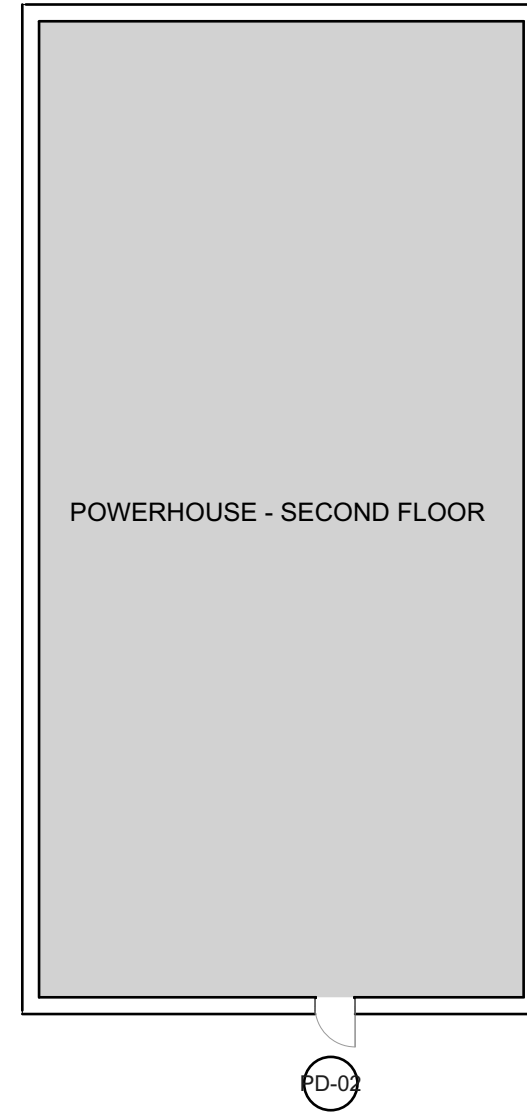
SHEET TITLE
DOOR DETAILS

A-5

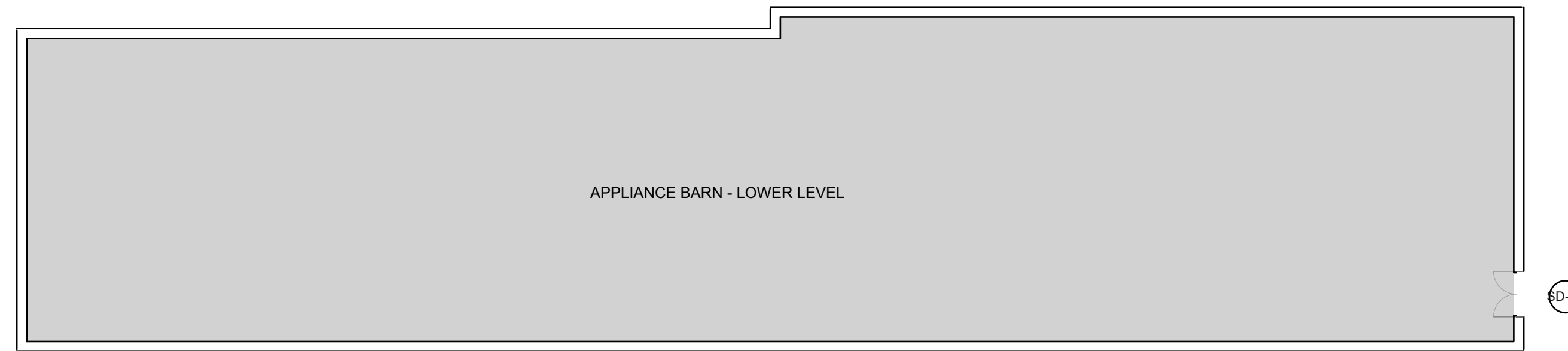
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DEMOLITION SCOPE NOTE

DOORS AND FRAMES DETERMINED TO CONTAIN LEAD BASED PAINT. OWNER WILL COORDINATE DEMOLITION AND DISPOSAL OF DOORS AND FRAMES - SCOPE OF WORK INCLUDES NEW DOOR AND FRAME INSTALLATION ONLY.

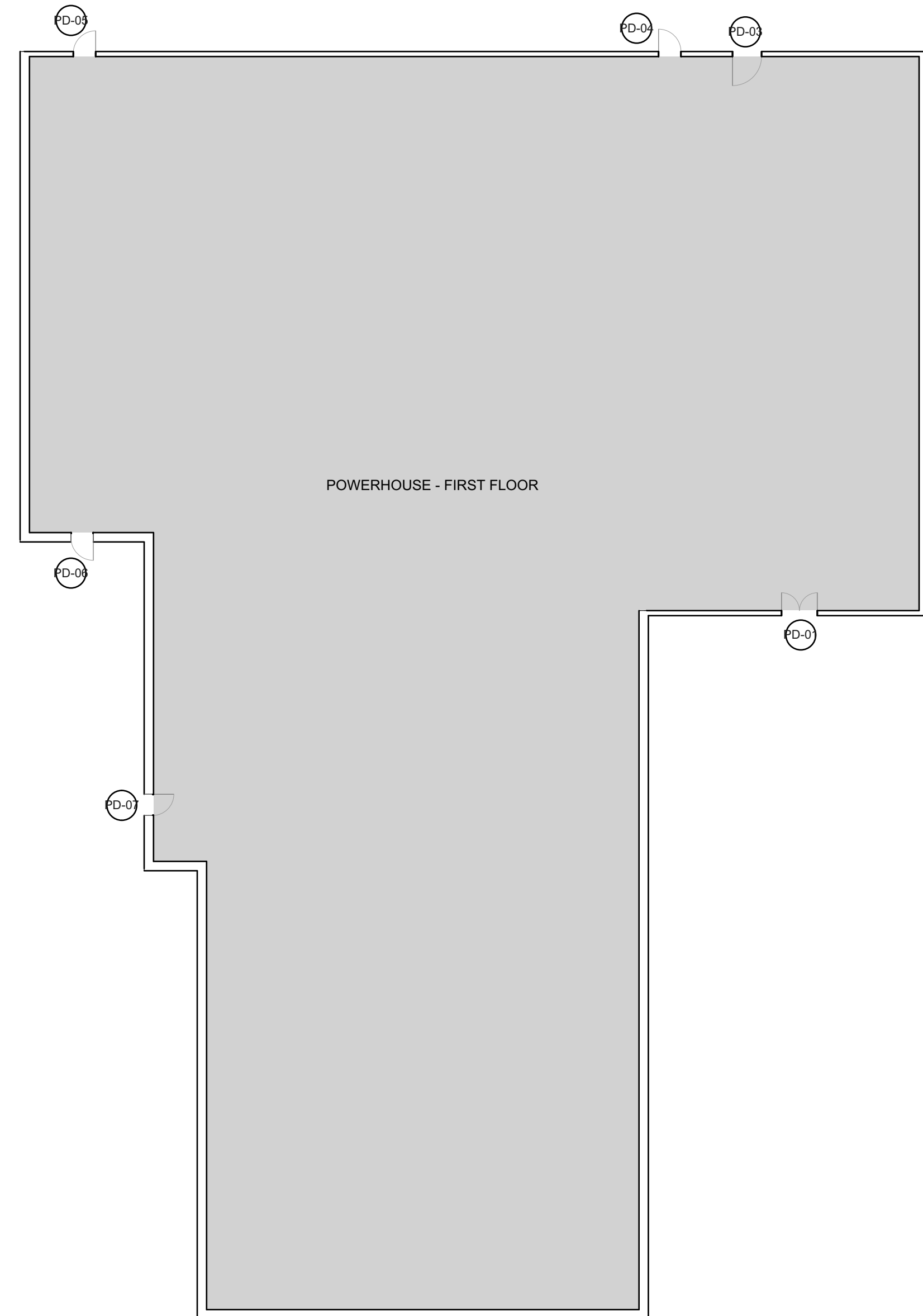


1 APPLIANCE SHOP - MAIN LEVEL
NOT TO SCALE



2 APPLIANCE SHOP - LOWER LEVEL
NOT TO SCALE

4 POWERHOUSE - 2ND FLOOR
NOT TO SCALE



3 POWERHOUSE 1st FLOOR
NOT TO SCALE

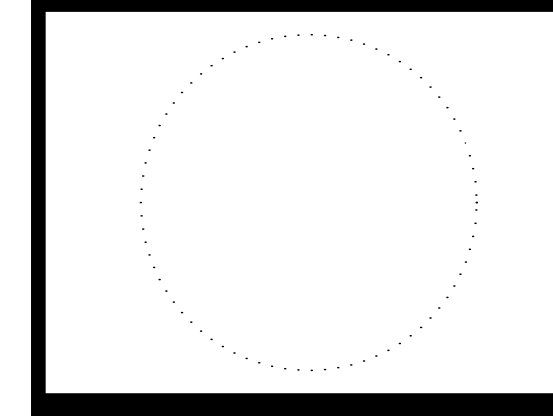
POWERHOUSE AND APPLIANCE BARN DOOR SCHEDULE											
ID	Quantity	W	HT	THK	FRAME DEPTH	FRAME	PANEL	GLZ	HW SET	STENCIL	NOTES
PD-01	1	5'	7'	1 3/4"	9.00"	1	2	10.75"x10.75"	7	-	DOUBLE DOOR - VISION PANEL
PD-02	1	3'	6'-8"	1 3/4"	9.00"	1	2	24"x32"	8	-	SINGLE DOOR - HALF LITE
PD-03	1	4'	6'-8"	1 3/4"	9.00"	1	2	36"x36"	8	-	SINGLE DOOR - HALF LITE
PD-04	1	3'	6'-8"	1 3/4"	9.00"	1	3	-	8	-	SINGLE DOOR
PD-05	1	3'	7'	1 3/4"	6.00"	1	2	18"x18"	8	-	SINGLE DOOR - LARGE VISION PANEL
PD-06	1	3'	7'	1 3/4"	8.00"	1	3	-	8	RECYCLE	SINGLE DOOR
PD-07	1	2'-10"	7'	1 3/4"	8.00"	1	3	-	8	-	SINGLE DOOR
SD-01	1	6'	7'	1 3/4"	5.50"	1	2	24"x36"	7	-	DOUBLE DOOR, HALF LITE
SD-02	1	6'	7'	1 3/4"	5.50"	1	2	24"x36"	7	-	DOUBLE DOOR, HALF LITE
SD-03	1	6'	7'	1 3/4"	5.50"	1 (*)	2	24"x36"	7	-	DOUBLE DOOR, HALF LITE (*4" HEAD FRAME)

- HARDWARE SETS**
- SET 7 - EXTERIOR DOUBLE DOORS**
 (3) HEAVY DUTY HINGES
 (1) MORTISE DEADLOCK SET
 (1) OVERHEAD CLOSER
 (1) FLUSHBOLT SET
 (1) ASTRAGAL
 (2) COORDINATOR
 (1) WALL OR FLOOR STOPS
 (4) KICK PLATES
 (1) THRESHOLD
 (2) WEATHERSTRIPPING
- SET 8 - EXTERIOR SINGLE DOORS WITH CLOSER**
 (3) HEAVY DUTY HINGES
 (1) MORTISE DEADLOCK SET
 (1) WALL OR FLOOR STOP
 (2) KICK PLATES
 (1) OVERHEAD CLOSER
 (1) THRESHOLD
 (2) WEATHERSTRIPPING

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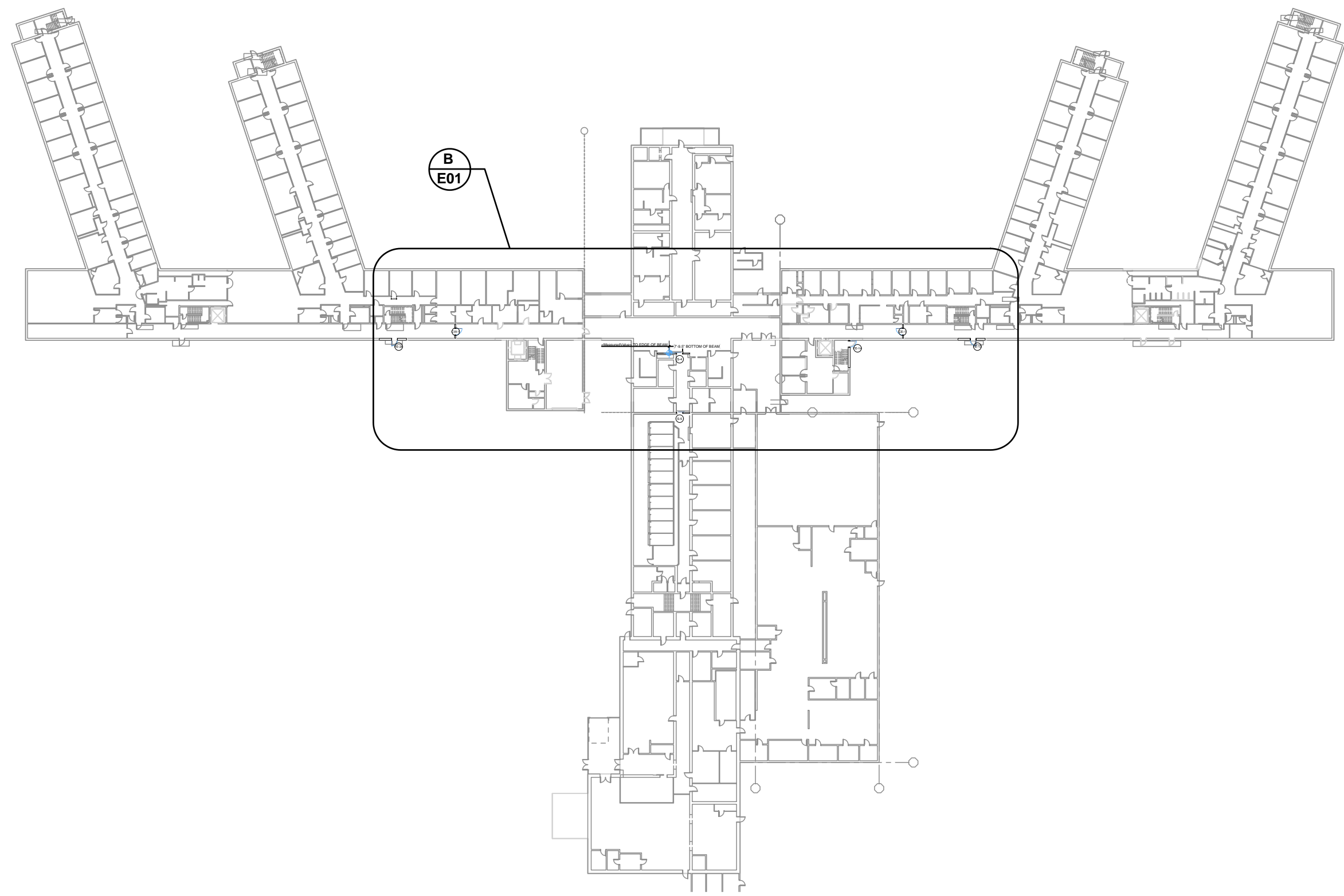
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SHEET TITLE
APPLIANCE SHOP AND POWERHOUSE KEY PLANS

A-6

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COORDINATE PHASING/SEQUENCING WITH MPCF REPRESENTATIVE TO MINIMIZE SHUTDOWN TIME. WORK SHALL BE PERFORMED ON ONE GATE AT THE TIME.

GENERAL ELECTRICAL DEMOLITION NOTES:

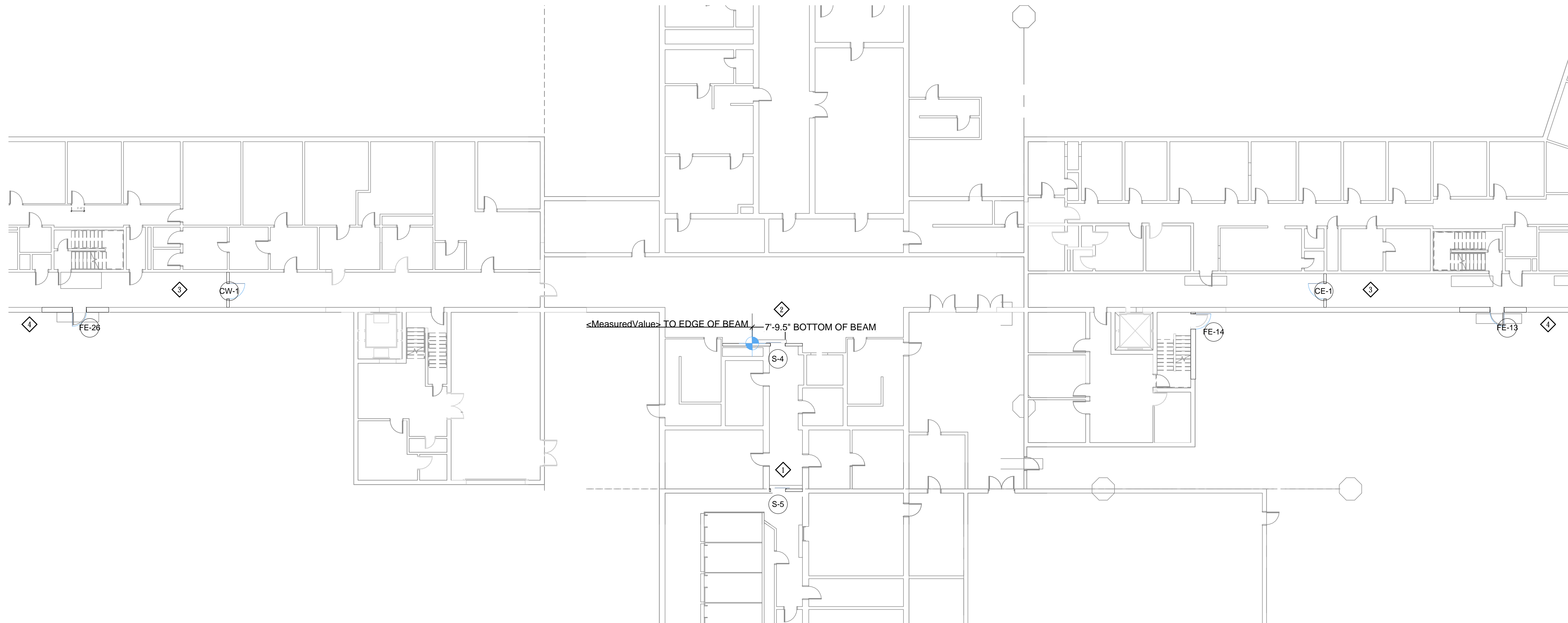
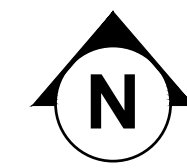
1. E.C. SHALL VERIFY THE EXISTING CONDITIONS AT THE PROJECT SITE BEFORE SUBMITTING BID.
2. THE E.C. SHALL VISIT THE SITE TO VERIFY DEVICES AND EQUIPMENT NOT SHOWN.
3. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN DEMOLITION REMOVAL, CAPPING, ABANDONING, DISCONNECTING OF EXISTING ELECTRICAL EQUIPMENT AND MATERIAL. ALL CUTTING, PATCHING, REPAIRING, REPLACEMENT AND REFRESHING, SHALL MATCH THE EXISTING CONSTRUCTION AS NEARLY AS POSSIBLE.
4. THE OWNER SHALL HAVE THE FIRST CHOICE TO ACCEPT EXISTING DEVICES AND EQUIPMENT BEING REMOVED AND NOT REUSED.

SPECIFIC ELECTRICAL KEYED NOTES - DETAIL B:

- ◇ EXISTING DOOR HOUSING TO REMAIN.
REPLACE EXISTING CHAIN DRIVEN SYSTEM WITH A RACK & PINION SYSTEM.
REPLACE EXISTING DOOR HANGER WITH A NEW DOOR HANGER PROVIDED FOR THE RACK & PINION SYSTEM.
REPLACE EXISTING STARTER AND EXISTING MOTOR WITH A NEW CORRIDOR OPERATOR MANUFACTURED BY INNOVATIVE DETENTION SYSTEMS MODEL # SC-2500 OR PRE-APPROVED EQUAL. MAINTAIN EXISTING POWER CIRCUIT FEEDING DOOR CONTROLLER.
 - ◇ EXISTING SLIDING DOOR TO BE REPLACED. MAINTAIN EXISTING POWER AND CONTROL WIRING. EXTEND AS REQUIRED TO FEED NEW DOOR. PROVIDE FINAL TERMINATIONS AFTER DOOR IS INSTALLED. VERIFY EXISTING CONTROL VOLTAGE (24VDC) WITH ROB JOHNSON - (SECURED STATE 618-664-4292 EXT. 101)
 - ◇ EXISTING CORRIDOR DOOR TO BE REPLACED. MAINTAIN EXISTING CONTROL WIRING. REMOVE EXISTING WIRING BACK TO THE CLOSEST JUNCTION BOX. PROVIDE NEW WIRING FROM JUNCTION BOX AND EXTEND AS REQUIRED TO FEED NEW DOOR. PROVIDE FINAL TERMINATIONS AFTER DOOR IS INSTALLED. VERIFY EXISTING CONTROL VOLTAGE (24VDC) WITH ROB JOHNSON - (SECURED STATE 618-664-4292 EXT. 101)
 - ◇ EXISTING EXTERIOR DOOR TO BE REPLACED. MAINTAIN EXISTING CONTROL WIRING. EXTEND AS REQUIRED TO FEED NEW DOOR. PROVIDE FINAL TERMINATIONS AFTER DOOR IS INSTALLED. VERIFY EXISTING CONTROL VOLTAGE (24VDC) WITH ROB JOHNSON - (SECURED STATE 618-664-4292 EXT. 101)
- NEW SLIDING DOOR OPERATION:
- DOOR TO OPEN AND CLOSE ELECTRICALLY WHILE DEADLOCKING IN EACH DIRECTION. IF STOPPED IN MID-TRAVEL THE DOOR IS BACK-DRIVABLE. UNIT MAY BE INSTANTLY REVERSED.
- DOOR BLOCKAGE SHALL NOT CAUSE MOTOR DAMAGE. DOOR PRESSURE IS TO BE ADJUSTABLE.
- DURING A POWER LOSS, THE DOOR OPERATOR MAY BE MECHANICALLY RELEASED BY KEY, AT WHICH POINT THE DOOR MAY BE MOVED TO AN OPEN OR CLOSED POSITION. THE DOOR IS NEVER FRETWHEELING.
- PROVIDE A MICRO SWITCH TO INTERFACE WITH EXISTING CONTROL PANEL SO THAT GATES ARE INTERLOCKED. SECOND GATE SHALL REMAIN CLOSED WHILE FIRST GATE IS OPENED AND VISE VERSA.

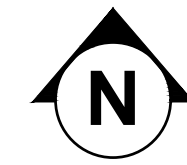
A FIRST FLOOR - ELECTRICAL PLAN

E01 SCALE 1/64" = 1' - 0"



B FIRST FLOOR - ENLARGED ELECTRICAL PLAN

E01 SCALE 1/16" = 1' - 0"

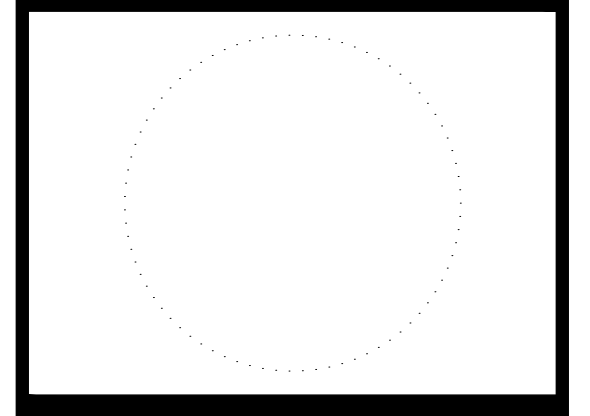


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 INTERLOCKING DOOR
 REPLACEMENTS

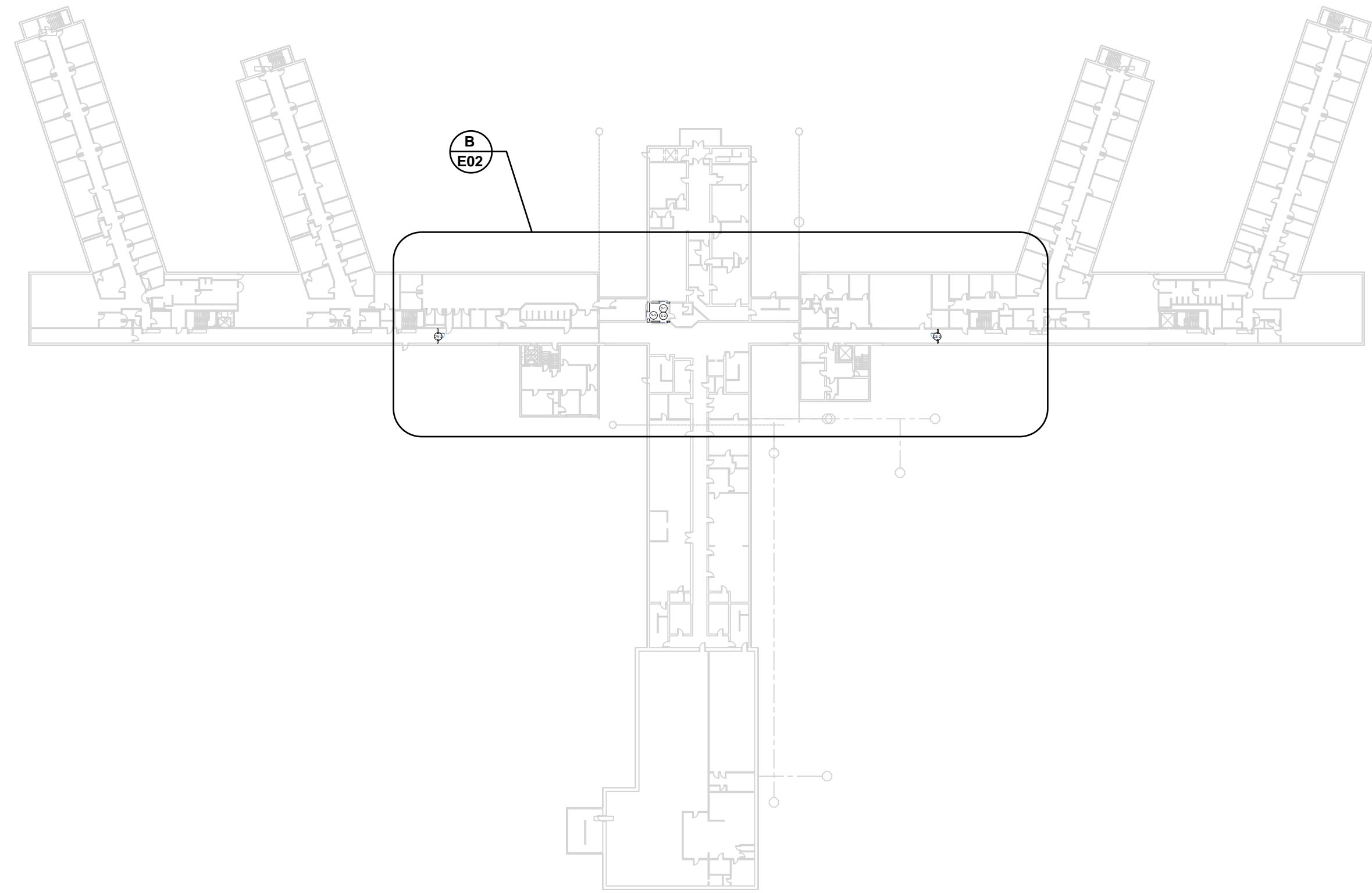
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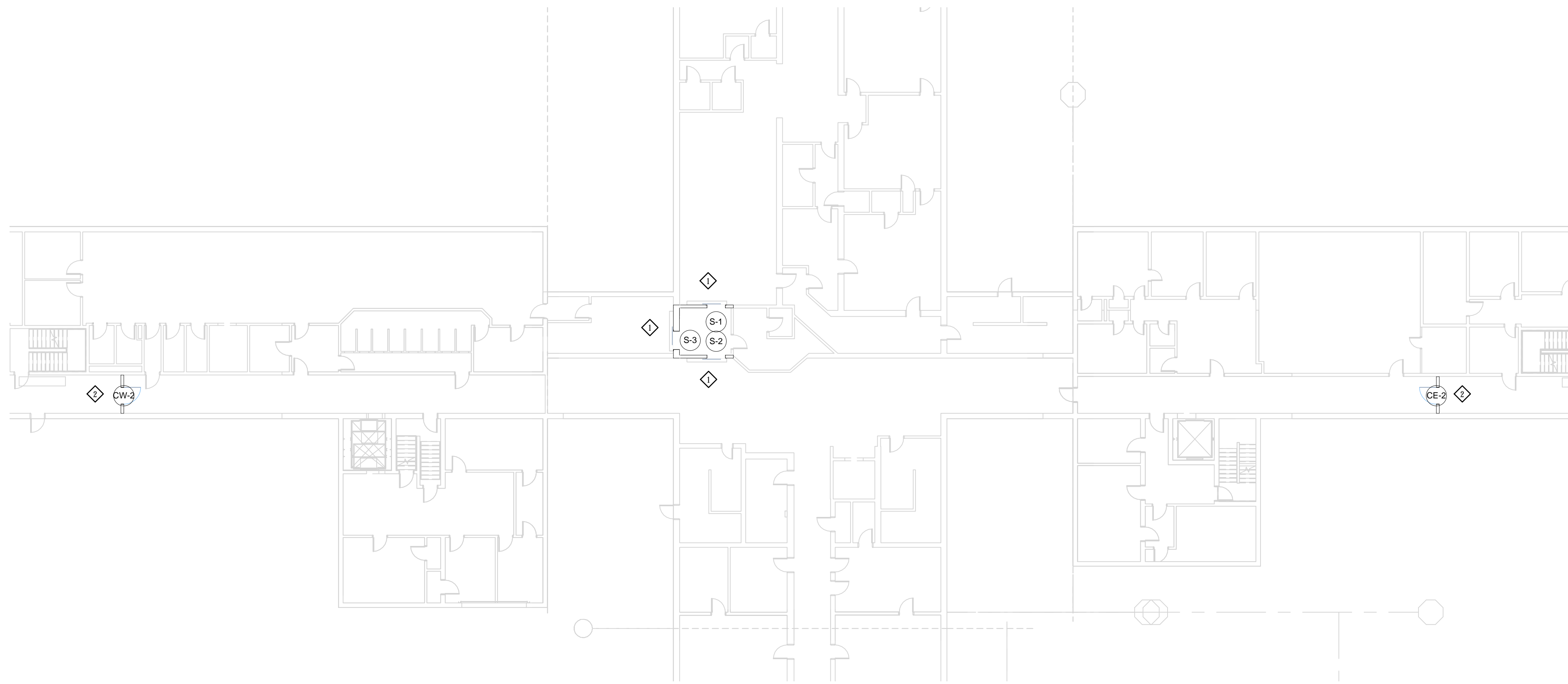
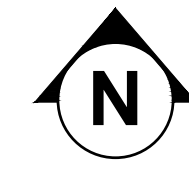
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 DATE: 8/18/2023
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SHEET TITLE
**FIRST FLOOR
 ELECTRICAL
 PLAN**

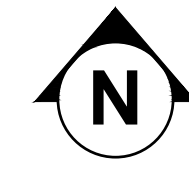
E01



A
E02 SECOND FLOOR - ELECTRICAL PLAN
SCALE 1/64" = 1' - 0"



B
E02 SECOND FLOOR - ENLARGED ELECTRICAL PLAN
SCALE 1/16" = 1' - 0"



- GENERAL ELECTRICAL DEMOLITION NOTES:
1. E.C. SHALL VERIFY THE EXISTING CONDITIONS AT THE PROJECT SITE BEFORE SUBMITTING BID.
 2. THE E.C. SHALL VISIT THE SITE TO VERIFY DEVICES AND EQUIPMENT NOT SHOWN.
 3. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN DEMOLITION REMOVAL, CAPPING, ABANDONING, DISCONNECTING OF EXISTING ELECTRICAL EQUIPMENT AND MATERIAL. ALL CUTTING, PATCHING, REPAIRING, REPLACEMENT AND REFINISHING, SHALL MATCH THE EXISTING CONSTRUCTION AS NEARLY AS POSSIBLE.
 4. THE OWNER SHALL HAVE THE FIRST CHOICE TO ACCEPT EXISTING DEVICES AND EQUIPMENT BEING REMOVED AND NOT REUSED.

- SPECIFIC ELECTRICAL KEYED NOTES - DETAIL B:
- ◇ EXISTING SLIDING DOOR TO BE REPLACED. MAINTAIN EXISTING POWER AND CONTROL WIRING. EXTEND AS REQUIRED TO FEED NEW DOOR. PROVIDE FINAL TERMINATIONS AFTER DOOR IS INSTALLED. VERIFY EXISTING CONTROL VOLTAGE (24VDC) WITH ROB JOHNSON - (SECURED STATE 618-664-4292 EXT. 101)
 - ◇ EXISTING CORRIDOR DOOR TO BE REPLACED. MAINTAIN EXISTING CONTROL WIRING. REMOVE EXISTING WIRING BACK TO THE CLOSEST JUNCTION BOX. PROVIDE NEW WIRING FROM JUNCTION BOX AND EXTEND AS REQUIRED TO FEED NEW DOOR. PROVIDE FINAL TERMINATIONS AFTER DOOR IS INSTALLED. VERIFY EXISTING CONTROL VOLTAGE (24VDC) WITH ROB JOHNSON - (SECURED STATE 618-664-4292 EXT. 101)

NEW SLIDING DOOR OPERATION:

DOOR TO OPEN AND CLOSE ELECTRICALLY WHILE DEADLOCKING IN EACH DIRECTION. IF STOPPED IN MID-TRAVEL, THE DOOR IS BACK-DRIVABLE. UNIT MAY BE INSTANTLY REVERSED.

DOOR BLOCKAGE SHALL NOT CAUSE MOTOR DAMAGE. DOOR PRESSURE IS TO BE ADJUSTABLE.

DURING A POWER LOSS, THE DOOR OPERATOR MAY BE MECHANICALLY RELEASED BY KEY, AT WHICH POINT THE DOOR MAY BE MOVED TO AN OPEN OR CLOSED POSITION. THE DOOR IS NEVER FREEWHEELING.

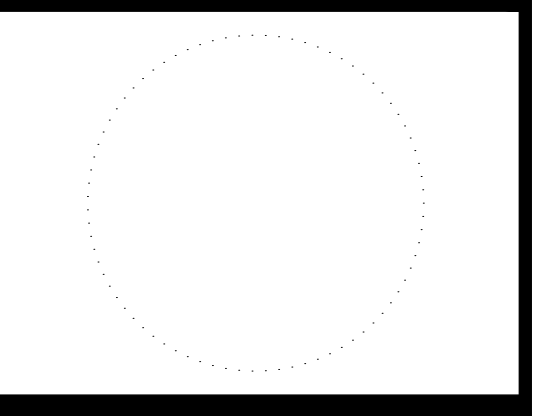
PROVIDE A MICRO SWITCH TO INTERFACE WITH EXISTING CONTROL PANEL SO THAT GATES ARE INTERLOCKED. SECOND GATE SHALL REMAIN CLOSED WHILE FIRST GATE IS OPENED AND VISE VERSA.

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REPLACEMENTS

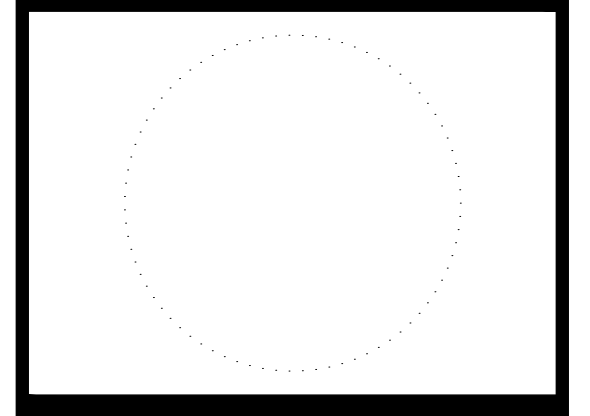
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SHEET TITLE
SECOND FLOOR
ELECTRICAL
PLAN

E02



9317.00 DOC MPCF
INTERLOCKING DOOR
REPLACEMENTS

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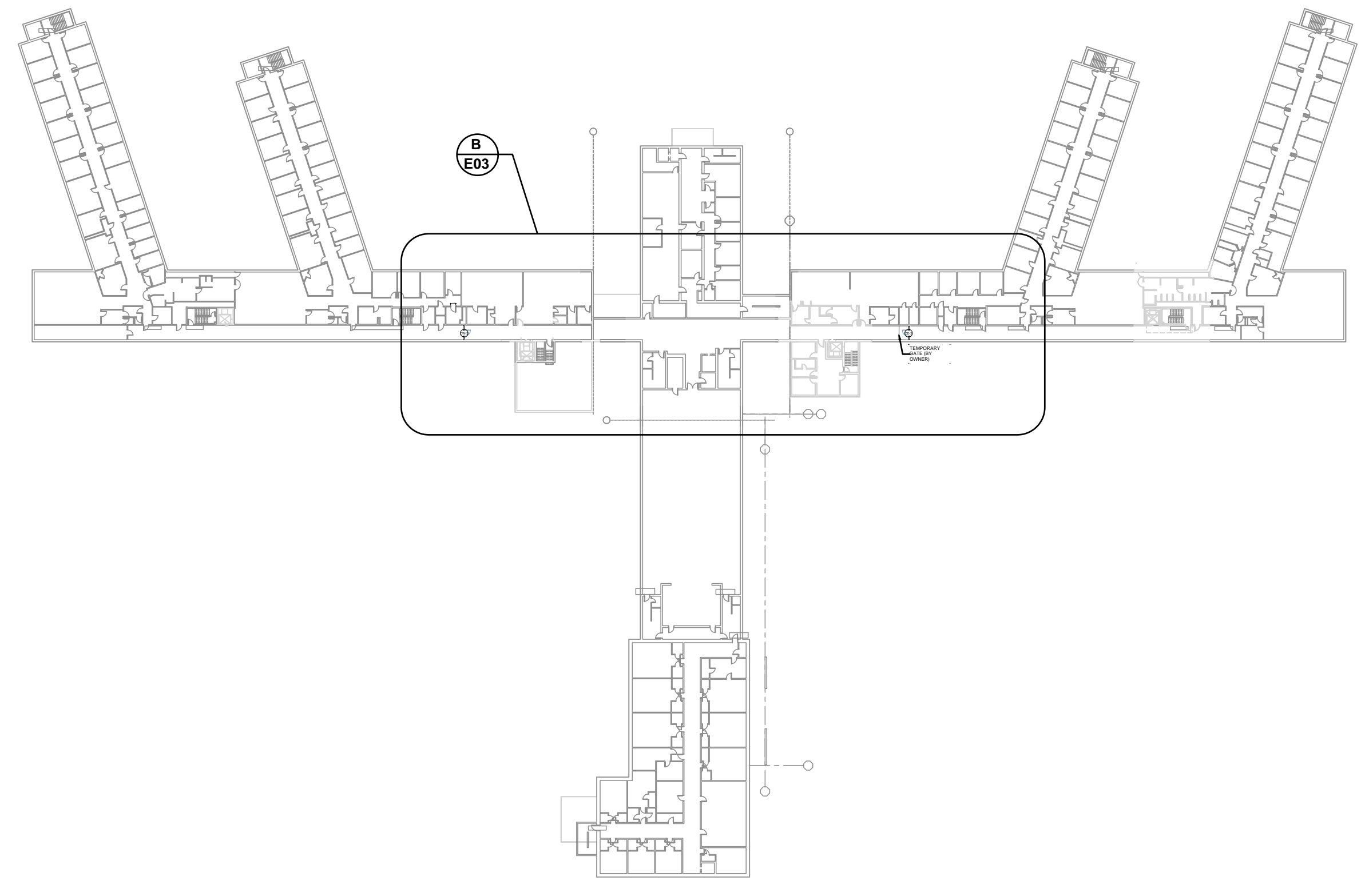
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SHEET TITLE
**THIRD FLOOR
ELECTRICAL
PLAN**

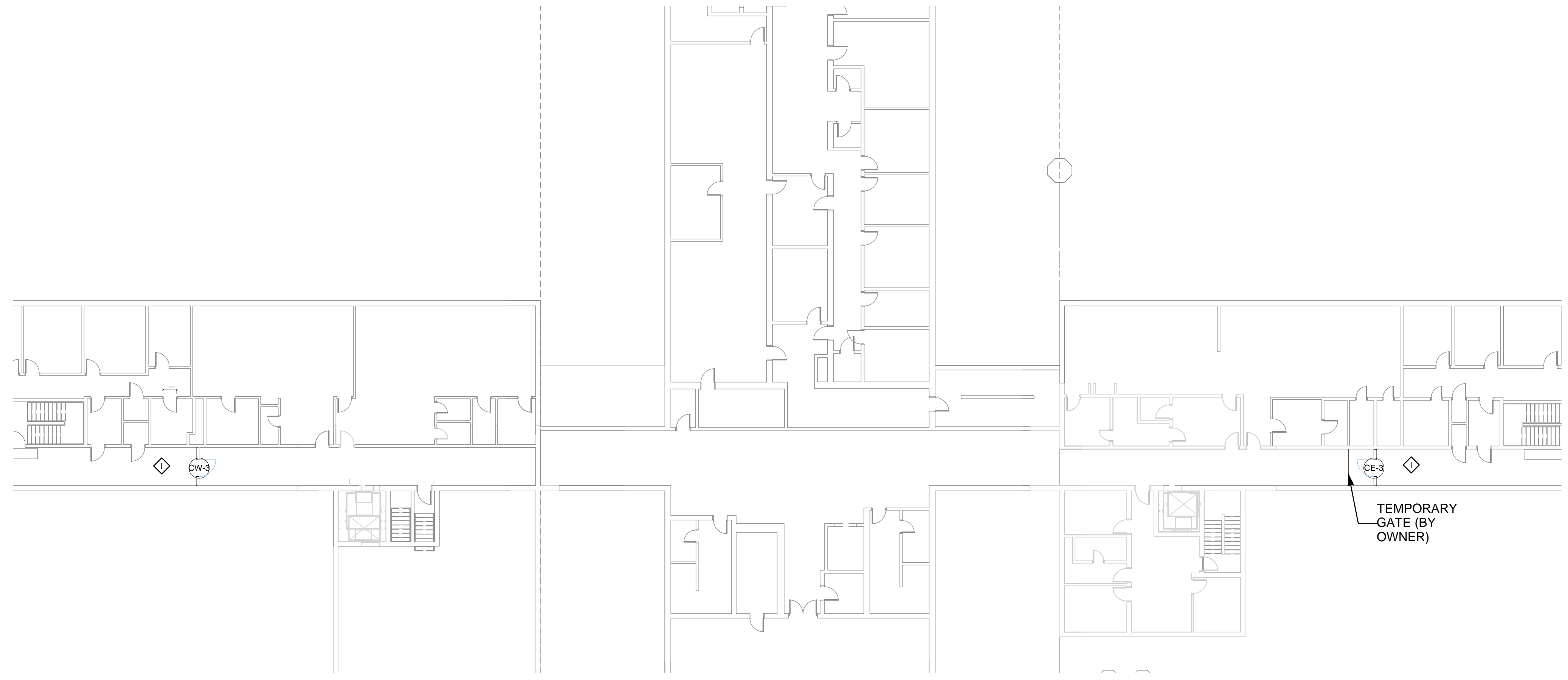
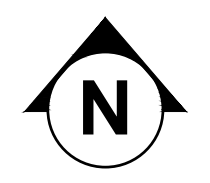
E03

- GENERAL ELECTRICAL DEMOLITION NOTES:
1. E.C. SHALL VERIFY THE EXISTING CONDITIONS AT THE PROJECT SITE BEFORE SUBMITTING BID.
 2. THE E.C. SHALL VISIT THE SITE TO VERIFY DEVICES AND EQUIPMENT NOT SHOWN.
 3. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN DEMOLITION REMOVAL, CAPPING, ABANDONING, DISCONNECTING OF EXISTING ELECTRICAL EQUIPMENT AND MATERIAL. ALL CUTTING, PATCHING, REPAIRING, REPLACEMENT AND REFINISHING, SHALL MATCH THE EXISTING CONSTRUCTION AS NEARLY AS POSSIBLE.
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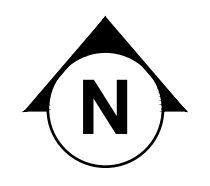
- SPECIFIC ELECTRICAL KEYED NOTES - DETAIL B:
- ◇ EXISTING CORRIDOR DOOR TO BE REPLACED. MAINTAIN EXISTING CONTROL WIRING. REMOVE EXISTING WIRING BACK TO THE CLOSEST JUNCTION BOX. PROVIDE NEW WIRING FROM JUNCTION BOX AND EXTEND AS REQUIRED TO FEED NEW DOOR. PROVIDE FINAL TERMINATIONS AFTER DOOR IS INSTALLED. VERIFY EXISTING CONTROL VOLTAGE (24VDC) WITH ROB JOHNSON - (SECURED STATE 618-664-4292 EXT. 101)



A
E03 THIRD FLOOR - ELECTRICAL PLAN
SCALE 1/64" = 1' - 0"

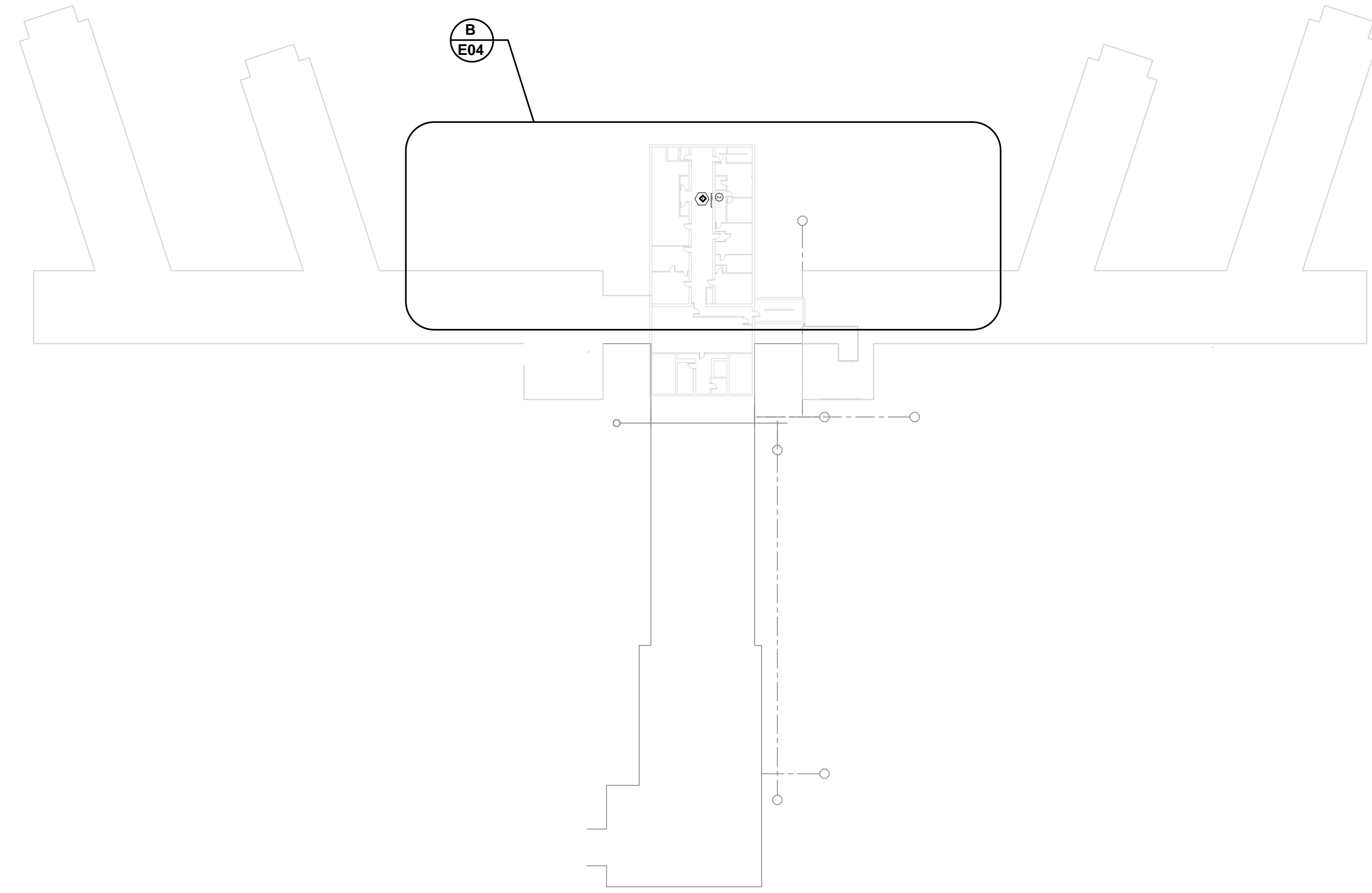


B
E03 THIRD FLOOR - ENLARGED ELECTRICAL PLAN
SCALE 1/16" = 1' - 0"

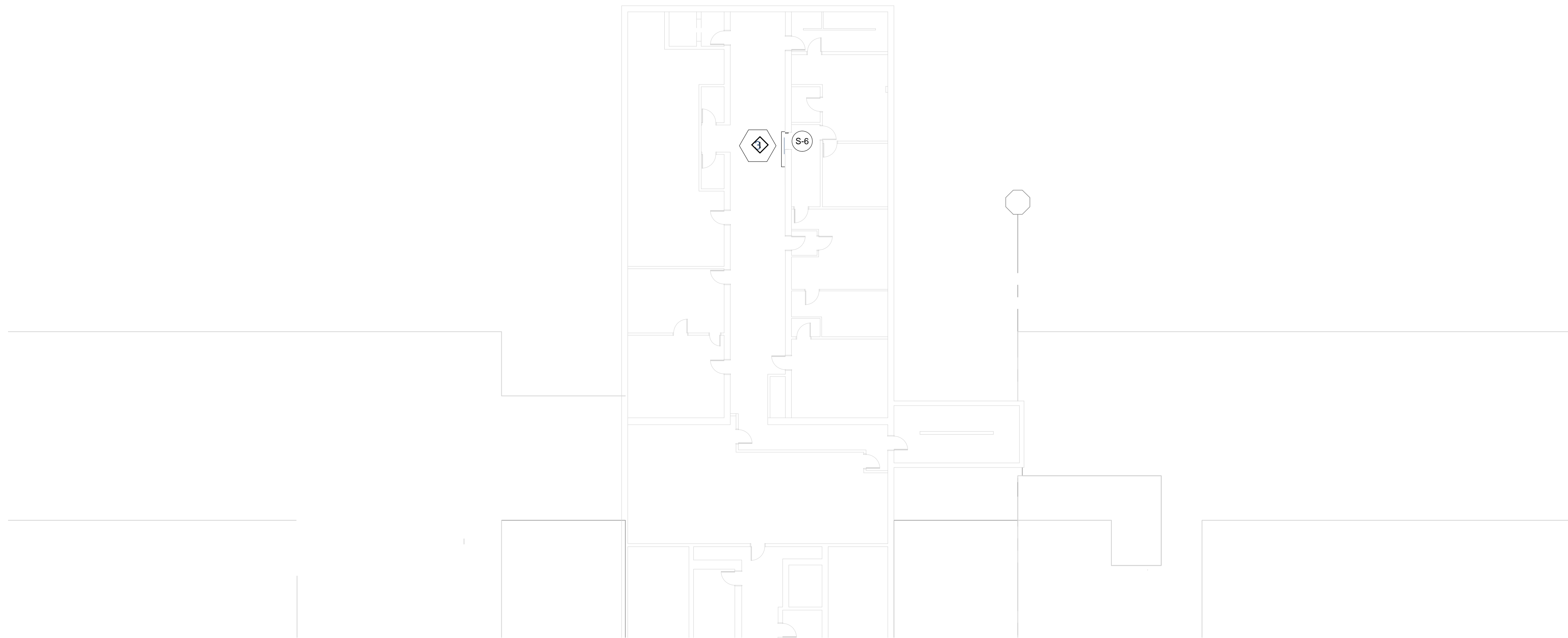
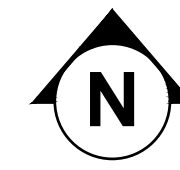


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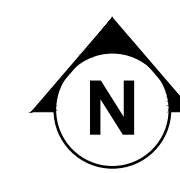
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A
E04 FIFTH FLOOR - ELECTRICAL PLAN
SCALE 1/64" = 1' - 0"



B
E04 FIFTH FLOOR - ENLARGED ELECTRICAL PLAN
SCALE 1/16" = 1' - 0"



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4. THE OWNER SHALL HAVE THE FIRST CHOICE TO ACCEPT EXISTING DEVICES AND EQUIPMENT BEING REMOVED AND NOT REUSED.

SPECIFIC ELECTRICAL KEYED NOTES - DETAIL B:

- ◇ EXISTING SLIDING DOOR TO BE REPLACED. MAINTAIN EXISTING POWER AND CONTROL WIRING. EXTEND AS REQUIRED TO FEED NEW DOOR. PROVIDE FINAL TERMINATIONS AFTER DOOR IS INSTALLED. VERIFY EXISTING CONTROL VOLTAGE (AVDC) WITH BOB JOHNSON - (SECURED STATE 618-664-4292 EXT. 10)

NEW SLIDING DOOR OPERATION:

DOOR TO OPEN AND CLOSE ELECTRICALLY WHILE DEADLOCKING IN EACH DIRECTION. IF STOPPED IN MID-TRAVEL, THE DOOR IS BACK-DRIVABLE. UNIT MAY BE INSTANTLY REVERSED.

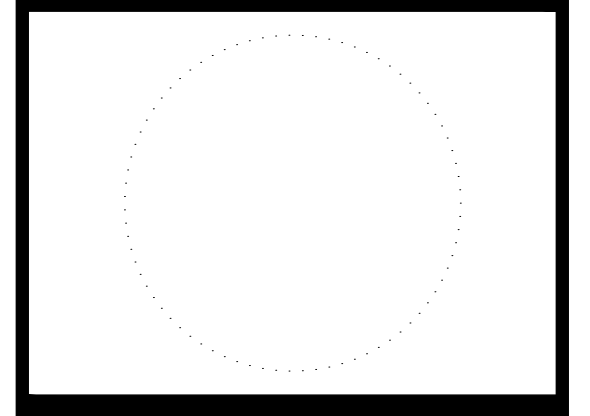
DOOR BLOCKAGE SHALL NOT CAUSE MOTOR DAMAGE. DOOR PRESSURE IS TO BE ADJUSTABLE.

DURING A POWER LOSS, THE DOOR OPERATOR MAY BE MECHANICALLY RELEASED BY KEY, AT WHICH POINT THE DOOR MAY BE MOVED TO AN OPEN OR CLOSED POSITION. THE DOOR IS NEVER FREEWHEELING.

PROVIDE A MICRO SWITCH TO INTERFACE WITH EXISTING CONTROL PANEL SO THAT GATES ARE INTERLOCKED. SECOND GATE SHALL REMAIN CLOSED WHILE FIRST GATE IS OPENED AND VICE VERSA.

horizon.
original.
architecture.

MICHAEL@HORIZON-ARCHITECTURE.COM
PH | (563) 506-4965
WWW.HORIZON-ARCHITECTURE.COM



9317.00 DOC MPCF
INTERLOCKING DOOR
REPLACEMENTS

1200 EAST WASHINGTON STREET
MOUNT PLEASANT, IA 52641

95% REVIEW - NOT FOR CONSTRUCTION

MARK	DATE	REVIEW	DESCRIPTION
1	8/18/2023	95% REVIEW	

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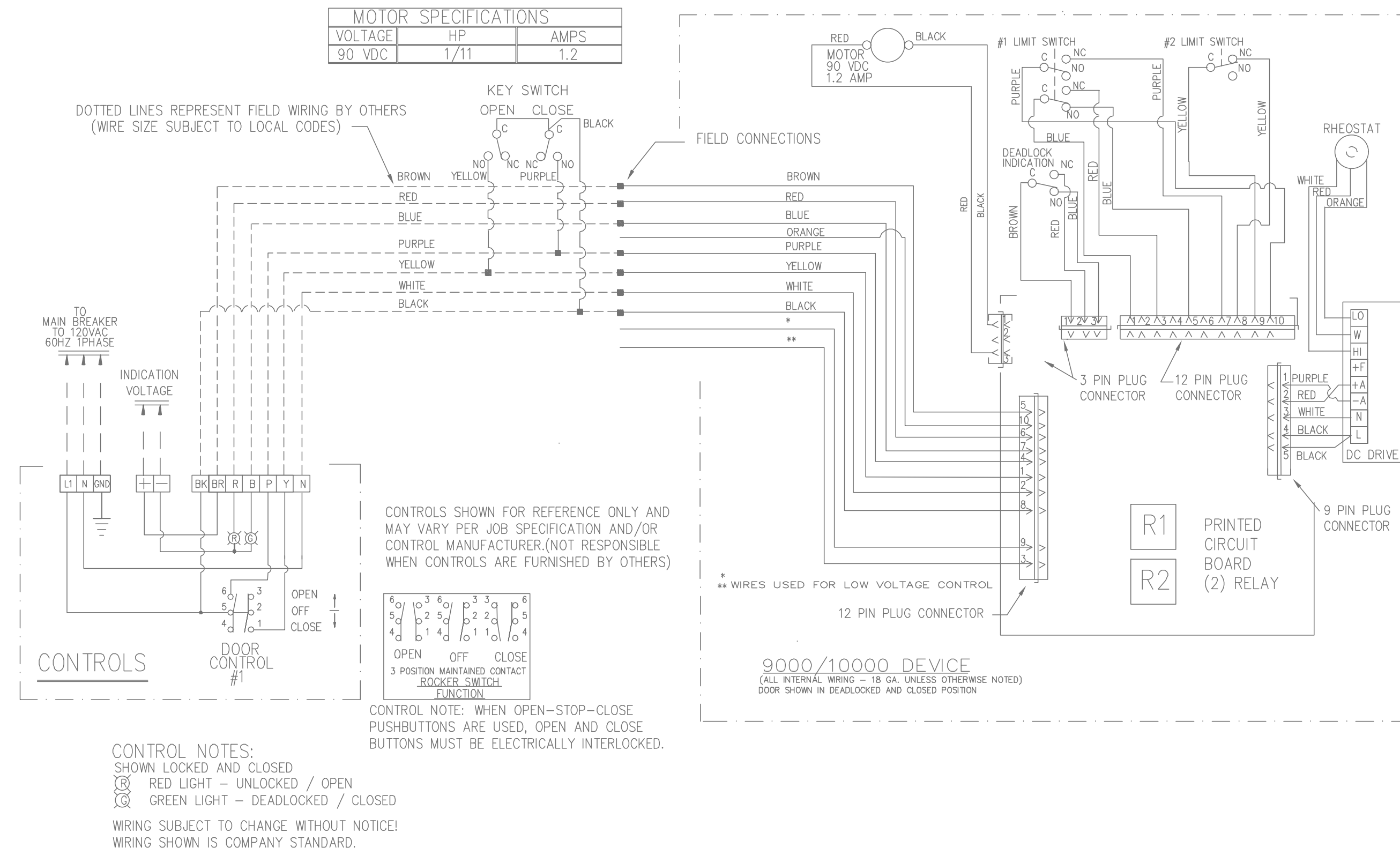
SHEET TITLE
FIFTH FLOOR
ELECTRICAL
PLAN

E04

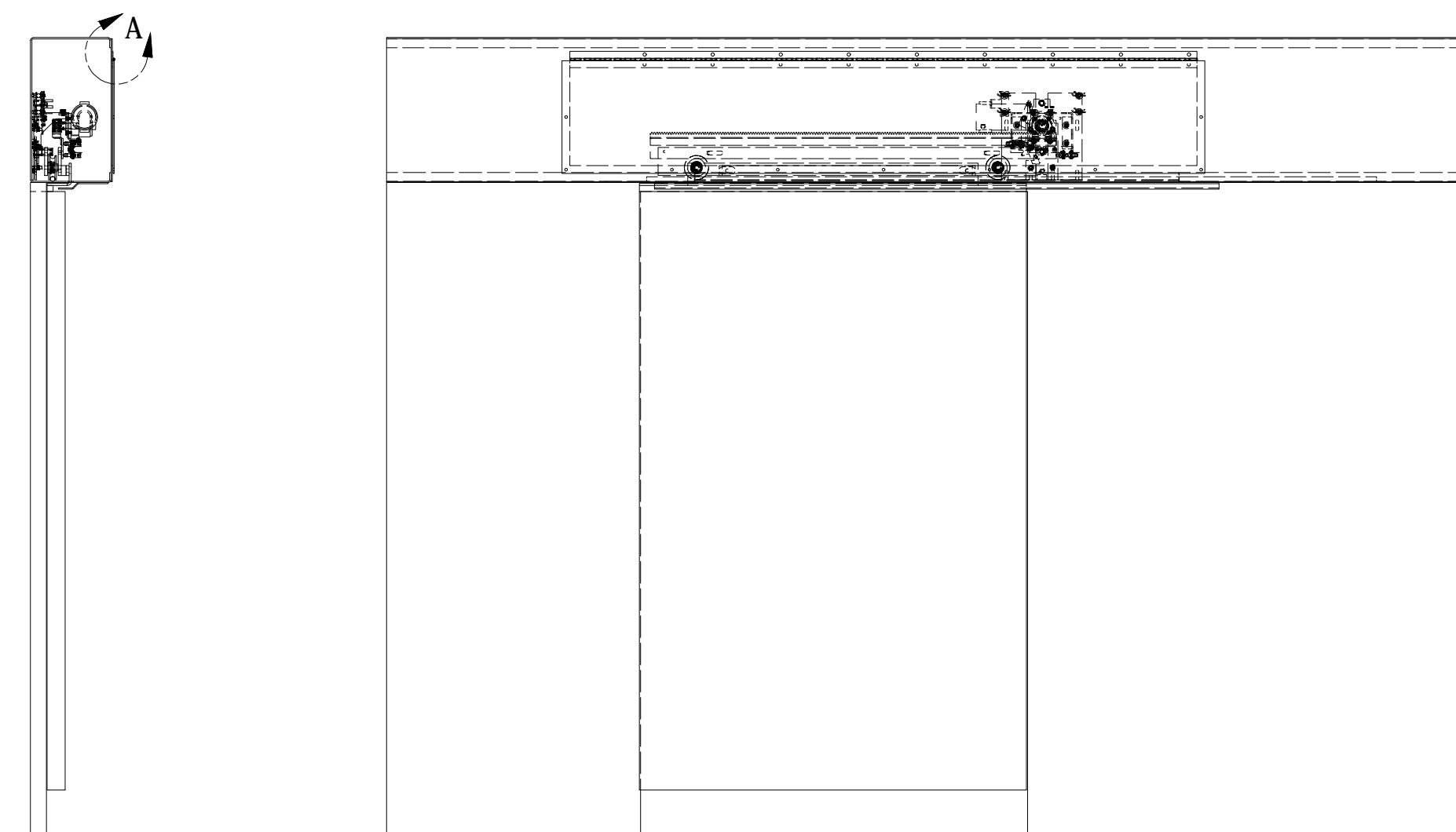
MEP ENGINEER:
IE INNOVATIVE ENGINEERS INC.
2871 Heinz Rd. Suite B, Iowa City, IA 52240
T 319.855.4115 | F 319.351.0070
www.InnovativeEngineersInc.com

GENERAL ELECTRICAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (N.E.C.) AND GOVERNING MUNICIPAL, STATE AND LOCAL CODES. ALL MATERIAL SHALL BE NEW AND SHALL BEAR THE U.L. LABEL WHERE APPLICABLE.
- CONTRACTOR SHALL MAKE ALL NECESSARY CUTTING AND DO ALL THE REPATCHING AS NECESSARY FOR THE PROPER EXECUTION OF THIS WORK.
- AFTER COMPLETION OF THE INSTALLATION, THE SYSTEM SHALL TEST FREE FROM SHORT CIRCUITS AND GROUNDS.
- WHERE ELECTRICAL CONDUCTORS ARE INSTALLED IN CONDUIT, THE CONDUIT SHALL COMPLY WITH THE N.E.C. REQUIREMENTS.
- ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE ANCHORED TO COMPLY WITH LOCAL CODE FOR WIND RESISTANCE.
- IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE, IF REQUIRED, ADJUSTMENTS (+/- 6"-0") IN THE LOCATION OF ALL SYSTEM DEVICES, FIXTURES, OUTLETS, PANELS, ETC. IN ORDER TO EXPEDITE THE ELECTRICAL WORK. THE POSITION OF ALL WORK AS SHOWN IS INTENDED TO BE FIXED AND IN THE PROPER LOCATION. SUCH REQUIRED ADJUSTMENT SHALL BE DETERMINED BY THE A/E.
- PROVIDE SEPARATE NEUTRAL FOR EACH BRANCH CIRCUIT PHASE CONDUCTOR.



CONTROL WIRING DIAGRAM IS SHOWN FOR REFERENCE ONLY

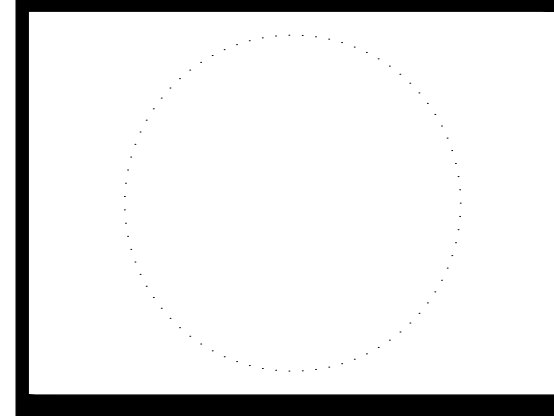


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**ELECTRICAL -
 NOTES &
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 DIAGRAMS**

E05