

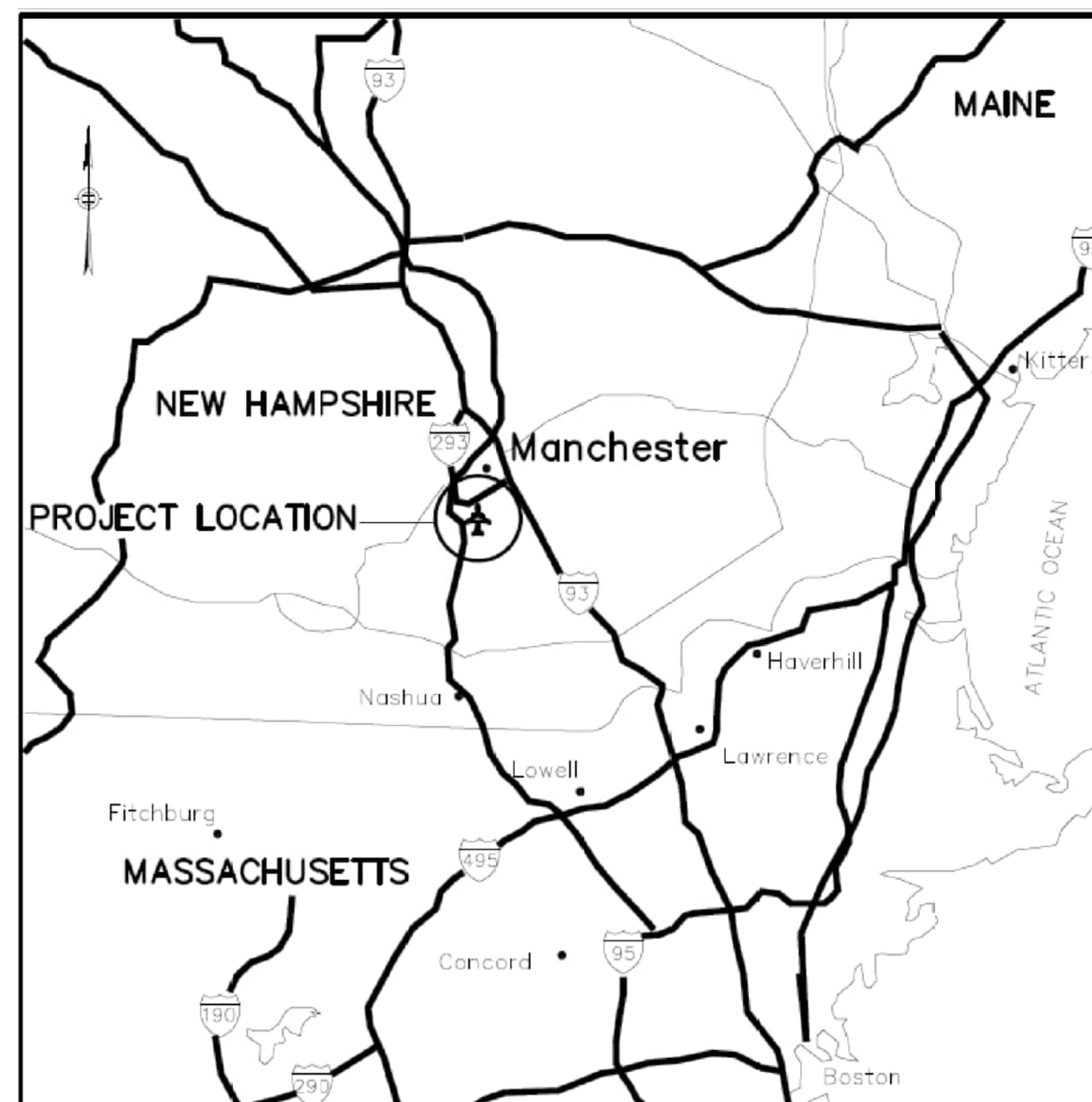
MANCHESTER - BOSTON REGIONAL AIRPORT

MANCHESTER, NEW HAMPSHIRE

AIRPORT TERMINAL BUILDING IMPROVEMENTS

AWIP : BHS-TC2/TC4 : A-WING OFFICES

FY 24-805-45



MAY 2024



ONE AIRPORT ROAD, SUITE 300
MANCHESTER, NEW HAMPSHIRE 03103
www.flymanchester.com



AECOM
1155 ELM STREET, SUITE 401
MANCHESTER, NH 03101

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ASB - E - 14-07-24

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REVISIONS

NO.	DATE	DESCRIPTION

AREA 1100 ELM STREET, SUITE 401 MANCHESTER, NH

AECOM

Manchester-Boston REGIONAL AIRPORT



CITY OF MANCHESTER NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES

DRAWING SHEET INDEX

PROJECT NO: 60638480-1029

CAD TING FILE:

DESIGNED BY: AECOM

DRAWN BY: JT

DEPT CHECK: PB

PROJ CHECK: JGG

DATE: 05/24/2024

G1.101

FT

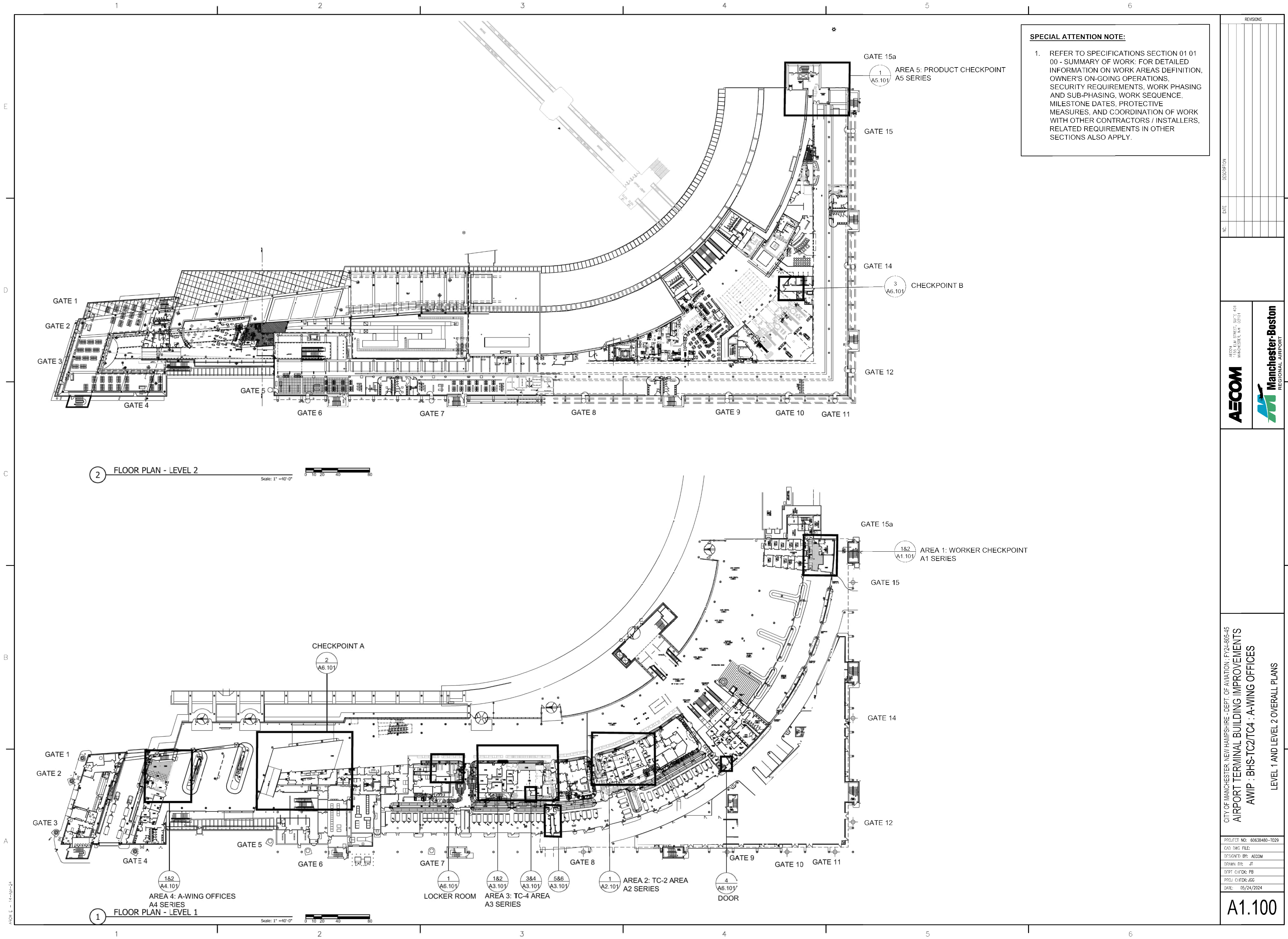
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E	ARCHITECTURAL ABBREVIATIONS				SYMBOLS	FINISH FLOOR PLAN LEGEND		NOTES: SYMBOL AND MATERIAL GRAPHICS INDICATED ON THIS SHEET ARE REPRESENTATIVE OF THOSE DEPICTED HEREIN. NOT ALL SYMBOL AND MATERIAL GRAPHICS WILL NECESSARILY BE USED.	REVISIONS
	AA AMERICAN AIRLINES AC AIR-CONDITIONING ACQ ACCESSIBLE ACS ACCESS CONTROL SYSTEM ACU ACOUSTICAL CEILING TILE ADA AMERICAN DISABILITY ACT AD AREA DRAIN ADJ ADJUSTABLE AE AMERICAN EAGLE AIRLINES AFT ABOVE FINISHED FLOOR AHU AIR HANDLING UNIT ALUM ALUMINUM APPHOX APPROXIMATELY ARCH ARCHITECTURAL ARCHITECT ATO AIRLINE TICKETING OPERATIONS ATTD ATTACHED	CA CALV GC CHOC CL CRANK OWB	GAU GAUGE DALV DRY-ALUMINUM CONTR CONTRACTOR GFI GYPSUM FIBERGLASS RCON REINFORCED CONCRETE GLASS GLASS CRACK CRACK GWB GYPSUM BOARD	QT QUARRY TILE QTY QUANTITY					
D	CAB CABINET CR CATCH BASIN CAC CONTINUOUS ACCELERATED CONSTRUCTION CEM CEMENT CFI CONTRACTOR FURNISHED / CONTRACTOR INSTALLED CFL COMPACT FLUORESCENT LIGHTING CG CORNER GUARD CIP CAST IN PLACE CJ CONTROL JOINT CI CENTER LINE CLG CEILING CLNG CEILING CLR CLERESTOMY CMU CONCRETE MASONRY UNIT COL(S) COLUMN(S) CONC CONCRETE CONF CONFERENCE CONST CONSTRUCTION CON CONTINUOUS CORR CORROSION, CORRUGATED CPT CARPET CI CERAMIC TILE CTR CENTER	JAN JANITOR JI JOINT KD KILN-DRIED KO KNOCKOUT L LONG LAB LABORATORY LAM LAMINATE LAV LAVATORY LCC LEAD-COATED COPPER LH LEFT HAND LWP LOW POINT LTC LIGHTING	JAN JANITOR JOINT KILN-DRIED KNOCKOUT LONG LENGTH LABORATORY LAMINATE LAVATORY LEAD-COATED COPPER LEFT HAND LOW POINT LIGHTING	MAC MACHINERY MAG MACHINERY MANU MANUFACTURER MAS MASONRY MAT MATERIAL MAX MAXIMUM MB MACHINE BOLT MD MEDIUM DENSITY OVERLAY MFC MFC/MECHANICAL MED MEDIUM, MEDIAN MEMBER M777 M777 MIN MINIMUM MISC MISCELLANEOUS MO MASONRY OPENING MOD MODULAR MR MOISTURE RESISTANT MT MOUNTED MTG MOUNTING MTR MILLWORK	SC SCHEDULE SCH SCHEDULE SCT SECTION SHP SHEATHING SHT SHEATHING SIM SIMILAR SPEC SPECIFICATIONS SQ SQUARE SS STAINLESS STEEL STA STATION STD STANDARD STI SMART TERMINAL INTERFACE STL STEEL STR STORAGE STRUC STRUCTURE SUSP SUSPENDED SYM SYMMETRICAL	ROOM NAME TAG DOOR / OPENING SYMBOL EXISTING DOOR / OPENING SYMBOL DEMOLISH DOOR LOUVER SYMBOL FLOOR PLAN ROOM NAME AND NUMBER TOILET ACCESSORY FLOOR ELEVATION COLUMN MATCH LINE REVISION KEY NOTE	ACI 2X2 ACI 2X4 HVAC DIFFUSER RECESSED LIGHT 2X2 RECESSED LIGHT 2X4 FIRE PROTECTION	1. ALL GYPSUM WALLS NEW OR MODIFIED TO BE PAINTED. 2. ALL GYPSUM WALL BOARD (GWB) SOFFITS AND OR COLUMN CHASES TO BE PAINTED TO MATCH. 3. ALL NEW BASE TO MATCH EXISTING RESILIENT. INSTALL BASE AT EACH SPACE. 4. ALL NEW OR MODIFIED ACOUSTICAL CEILING TILE (ACT) TO MATCH EXISTING AND TO FOLLOW PRE-EXISTING GRID LAYOUTS, REFER TO ARCH RCP AND INFORM DESIGNER OF ANY DISCREPANCIES PRIOR TO INITIATING WORK OR ORDERING MATERIALS. 5. ALL DOORS AND DOOR FRAMES TO BE PAINTED PER SCHEDULE. 6. NEW INTERIOR STOREFRONT METAL IS TO BE PRE-FINISHED TO MATCH EXISTING SYSTEMS, SEND TO OWNER FOR APPROVAL. 7. PAINT EXPOSED COLUMNS IN AREA 1 (BREAK-ROOM). 8. AT ALL EXPOSED CEILING, STEEL STRUCTURES, METAL DECK, CONDUITS, SPRINKLER PIPING, HVAC DUCTS, SUPPORTS, MECH. ITEMS AND ETC. TO BE INSPECTED BEFORE COMMENCING ANY WORK. 9. ALL AREAS WITH FLOOR TILE TO RECEIVE MATCH TILE BASE, SEND TO OWNER FOR APPROVAL. 10. GROUT COLOR TO MATCH EXISTING, PENDING OWNER'S APPROVAL.	PROJECT NO: 60638480-1029 CAD TAG FILE: DESIGNED BY: AECOM DRAWN BY: JT DEPT CHECK: PB PROD CHECK: JGG DATE: 05/24/2024
	ARCHITECTURAL GENERAL NOTES				FINISH FLOOR PLAN & RCP NOTES				
C	1. ALL WORK SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL BUILDING CODES. REFER TO CODE SUMMARY, DRAWING 151.01.				1. ALL GYPSUM WALLS NEW OR MODIFIED TO BE PAINTED.		GENERAL ARCHITECTURAL SHEET		
	2. ALL EXISTING FIREPROOFING TO REMAIN UNDISTURBED. CONTRACTOR TO REPLACE ANY DAMAGED FIREPROOFING SCHEDULED TO REMAIN. REFER TO CODE SUMMARY FOR FIRE RATINGS OF ELEMENTS.				2. ALL GYPSUM WALL BOARD (GWB) SOFFITS AND OR COLUMN CHASES TO BE PAINTED TO MATCH.				
B	3. CONTRACTOR SHALL CONFORM TO DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS AND DIVISION 1 GENERAL REQUIREMENTS OF THE CONTRACT DOCUMENTS.				3. ALL NEW BASE TO MATCH EXISTING RESILIENT. INSTALL BASE AT EACH SPACE.		GENERAL ARCHITECTURAL SHEET		
	4. CONTRACTOR SHALL VERIFY THAT ALL EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT THE PROJECT. ALL MOBILIZATION AND PHASING PLANS SHALL IDENTIFY ANY TEMPORARY MODIFICATION TO THE EXISTING EGRESS SYSTEM AND OBTAIN APPROVAL FROM OWNER AND CODE OFFICIAL PRIOR TO ANY WORK. CONTRACTOR TO PROVIDE TEMPORARY SIGNAGE TO IDENTIFY LOCATIONS OF EXITS, RELOCATED EQUIPMENT OR TO IDENTIFY ANY EQUIPMENT OR VERTICAL CIRCULATION ELEMENTS OUT OF SERVICE AND TO REDIRECT TO NEAREST AVAILABLE ELEMENT. REFER TO CODE ANALYSIS, EGRESS AND SIGNAGE DRAWINGS. MAINTAIN SIGNAGE OF AND CLEAR AND SAFE PASSAGE TO ALL LIFE SAFETY FEATURES SUCH AS BUT NOT LIMITED TO: FIRE ALARM STATIONS, OR PANELS, DEFIBRILLATORS, FIRE HOSE CABINETS OR ANY OTHER LIFE SAFETY FEATURE. MAINTAIN ACCESS TO ALL EXISTING ELECTRICAL AND DATA CLOSETS.				4. ALL NEW OR MODIFIED ACOUSTICAL CEILING TILE (ACT) TO MATCH EXISTING AND TO FOLLOW PRE-EXISTING GRID LAYOUTS, REFER TO ARCH RCP AND INFORM DESIGNER OF ANY DISCREPANCIES PRIOR TO INITIATING WORK OR ORDERING MATERIALS.				
A	5. CONTRACTOR SHALL FURNISH COVERED CONTAINERS FOR DEBRIS REMOVAL. REMOVAL CONTAINER TO REMAIN COVERED AT ALL TIMES. ANY ON AIRPORT DEBRIS CONTAINERS AND LOCATIONS THEREOF WILL BE APPROVED BY OWNER'S REPRESENTATIVE. REMOVAL OF ANY DEBRIS OR COMBUSTIBLES IS TO OCCUR BY THE END OF EACH SHIFT. CONTAINERS SHALL NOT BLOCK ACCESS OR VISIBILITY OF ANY FIRE OR LIFE SAFETY ELEMENTS.				5. ALL DOORS AND DOOR FRAMES TO BE PAINTED PER SCHEDULE.		GENERAL ARCHITECTURAL SHEET		
	6. ALL PLYWOOD SHALL BE FIRE RETARDANT AND EXTERIOR PLYWOOD SHALL BE PRESSURE TREATED.				6. NEW INTERIOR STOREFRONT METAL IS TO BE PRE-FINISHED TO MATCH EXISTING SYSTEMS, SEND TO OWNER FOR APPROVAL.				
7. PROVIDE PORTABLE FIRE EXTINGUISHERS IN AREAS OF WORK PER NFPA 10.				7. PAINT EXPOSED COLUMNS IN AREA 1 (BREAK-ROOM).		GENERAL ARCHITECTURAL SHEET			
8. THE CONTRACTOR SHALL VISUALLY INSPECT THE PROJECT SITE AND NOTIFY THE AUTHORITY IMMEDIATELY IF ANY WORK INDICATED IN THE CONTRACT DOCUMENTS CANNOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS.				8. AT ALL EXPOSED CEILING, STEEL STRUCTURES, METAL DECK, CONDUITS, SPRINKLER PIPING, HVAC DUCTS, SUPPORTS, MECH. ITEMS AND ETC. TO BE INSPECTED BEFORE COMMENCING ANY WORK.					
9. DO NOT SCALE DRAWINGS. ALL DIMENSIONS REFERENCED ON DRAWINGS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE OWNER'S REPRESENTATIVE WITH ANY DISCREPANCIES AND OBTAINING CLARIFICATION FROM THE AUTHORITY AND ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION. IT IS EXPECTED THAT THE CONTRACTOR SURVEY ALL EXISTING AREAS AND IMPLEMENT ANY ADJUSTMENTS TO THEIR WORK PLANS SO TO NOT CAUSE DELAY TO THE PROJECT.				9. ALL AREAS WITH FLOOR TILE TO RECEIVE MATCH TILE BASE, SEND TO OWNER FOR APPROVAL.		GENERAL ARCHITECTURAL SHEET			
10. THE CONTRACTOR SHALL BRACE ALL EXISTING STRUCTURES OR STRUCTURAL OR NONSTRUCTURAL ELEMENTS AS NECESSARY DURING DEMOLITION AND CONSTRUCTION.				10. GROUT COLOR TO MATCH EXISTING, PENDING OWNER'S APPROVAL.					
11. THE EXISTING BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AT ALL TIMES. PROVIDE PROTECTION BOARD OVER ALL WORK AREAS ON EXISTING ROOF.						GENERAL ARCHITECTURAL SHEET			
12. PROVIDE PROTECTION FOR EXISTING ADJACENT MATERIALS DURING DEMOLITION AND CONSTRUCTION TYPICAL.									
13. CONTRACTOR SHALL REPAIR, PATCH AND MATCH EXISTING FINISH OF ANY DAMAGE OCCURRING DURING DEMOLITION OR CONSTRUCTION TO EXISTING ADJACENT FLOORS, WALLS, CEILINGS, LIGHTING, FIRE PROTECTION EQUIPMENT ETC THAT IS SCHEDULED TO REMAIN.						GENERAL ARCHITECTURAL SHEET			
14. GENERAL CONTRACTOR SHALL COORDINATE ALL ARCHITECTURAL DEMOLITION AND NEW CONSTRUCTION WITH ALL DISCIPLINES AND RELATED WORK OR OTHER CONTRACTORS HIRED BY THE OWNER TO PERFORM WORK RELATED TO THE PROJECT WORK AREA. NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.									



SPECIAL ATTENTION NOTE:

1. REFER TO SPECIFICATIONS SECTION 01 01 00 - SUMMARY OF WORK: FOR DETAILED INFORMATION ON WORK AREAS DEFINITION, OWNER'S ON-GOING OPERATIONS, SECURITY REQUIREMENTS, WORK PHASING AND SUB-PHASING, WORK SEQUENCE, MILESTONE DATES, PROTECTIVE MEASURES, AND COORDINATION OF WORK WITH OTHER CONTRACTORS / INSTALLERS, RELATED REQUIREMENTS IN OTHER SECTIONS ALSO APPLY.

REVISIONS	
NO.	DESCRIPTION

PROJECT:
400 ELM STREET, SUITE 401
MANCHESTER, NH 03101

CITY OF MANCHESTER - NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-2025-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES

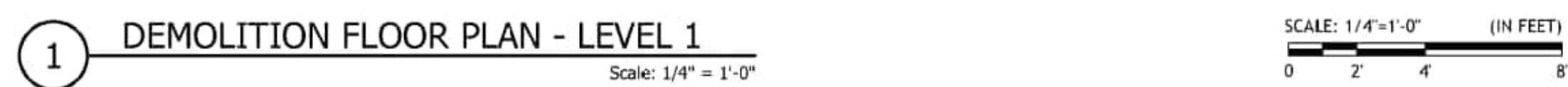
LEVEL 1 AND LEVEL 2 OVERALL PLANS

PROJECT NO. : 60638480-1029
CAD FILE : FILE
DESIGNED BY : AECOM
DRAWN BY : JT
DEPT. CHIEF : PB
PROJ. CHIEF : JGG
DATE : 05/24/2024

1

A1.100

1. CONTRACTOR TO MAINTAIN 36" WIDE ACCESS PATH IN EXISTING CORRIDOR DURING CONSTRUCTION. PLACE CAUTION TAPE AND DELINEATORS AS REQUIRED.
2. REMOVE LAST ROW OF EXISTING VINYL TILE ABUTTING WALL TO BE DEMOLISHED
3. THE PROPOSED WALL TO BE CONSTRUCTED INSIDE EXISTING STORAGE ROOM #1224 AND THE INSTALLATION OF NEW DOOR #1224-1 TO BE COMPLETE AND APPROVED BY THE OWNER IN WRITING PRIOR TO COMMENCEMENT OF ANY WALL DEMOLITION IN BREAK ROOM #1225 OR CORRIDOR #1220.1 IN ORDER TO MAINTAIN SECURE AREA SEPARATION.

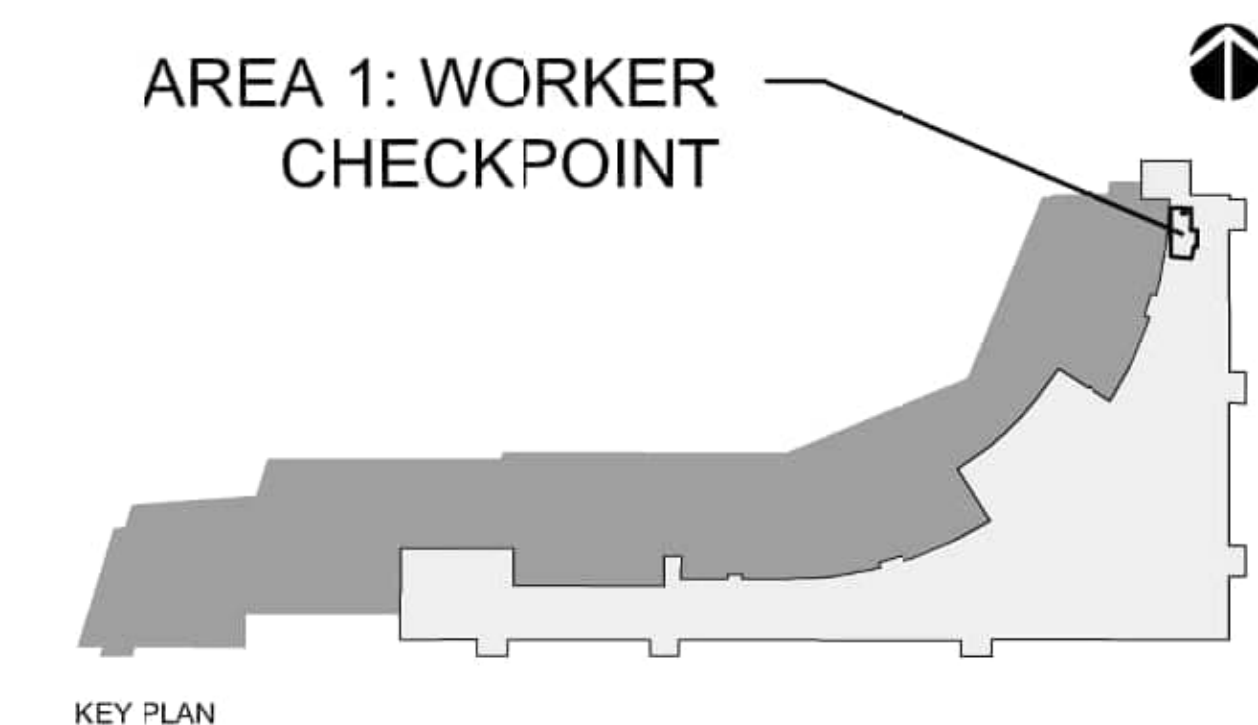
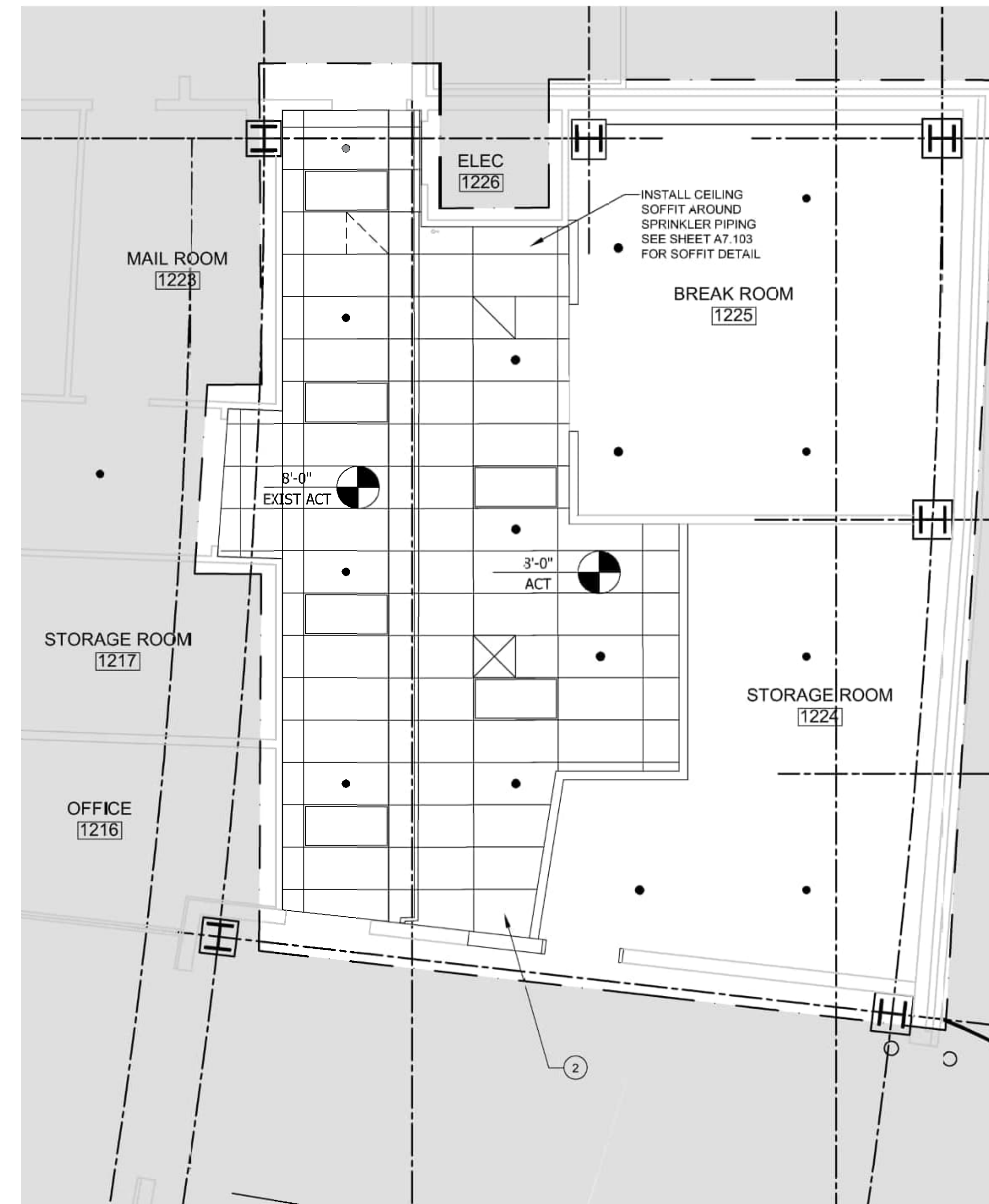
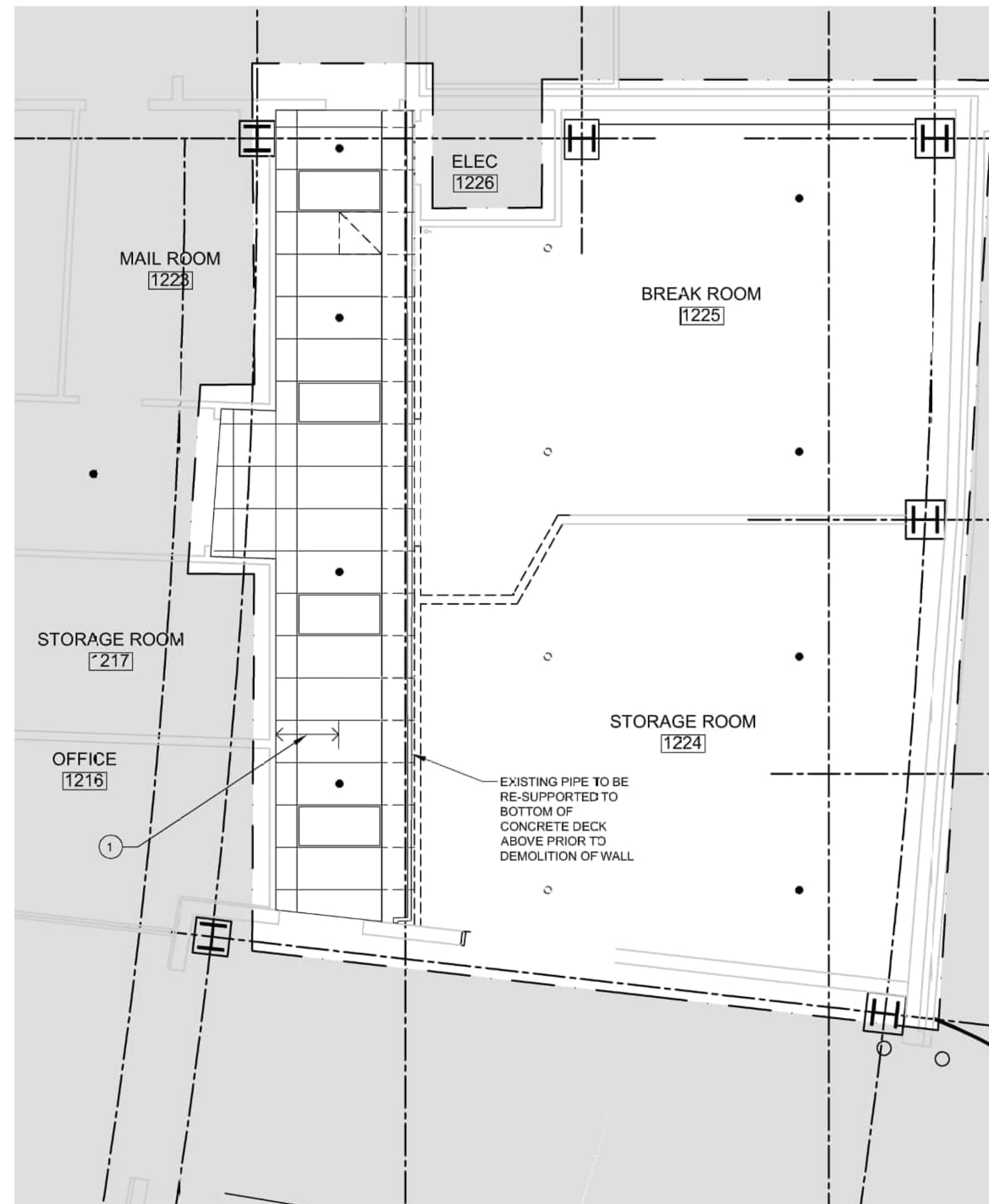


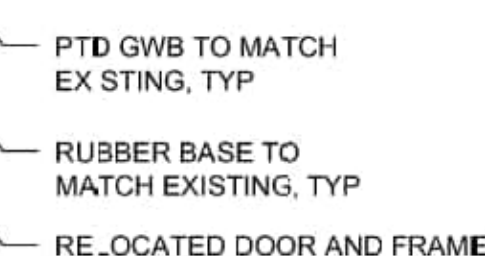
KEY NOTES

- ① CONTRACTOR TO MAINTAIN 36" WIDE ACCESS PATH IN EXISTING CORRIDOR DURING CONSTRUCTION. PLACE CAUTION TAPE AND DELINEATORS AS REQUIRED.
- ② PROVIDE DROP PANEL IN CEILING TO ACCOMMODATE EXISTING PIPE LOW POINT DRAIN VALVE

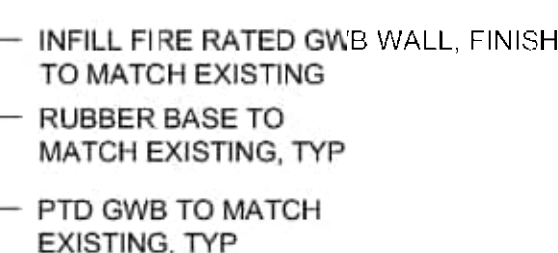
DRAWING NOTES

- 1.) WHERE EXISTING CEILINGS ARE SHOWN "TO BE DEMOLISHED", MAINTAIN EXISTING SPRINKLER COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH FIRE PROTECTION DRAWINGS.
- 2.) WHERE EXISTING CEILINGS ARE SHOWN "TO BE DEMOLISHED", MAINTAIN EXISTING HVAC COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH HVAC DRAWINGS.
- 3.) REFER TO ELECTRICAL, FIRE ALARM, MECHANICAL, AND LIFE SAFETY DESIGN DRAWINGS FOR SCOPE OF WORK DETAILS.

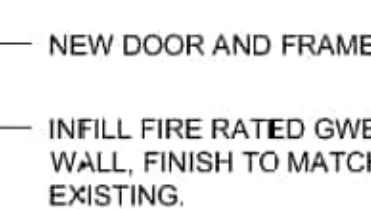
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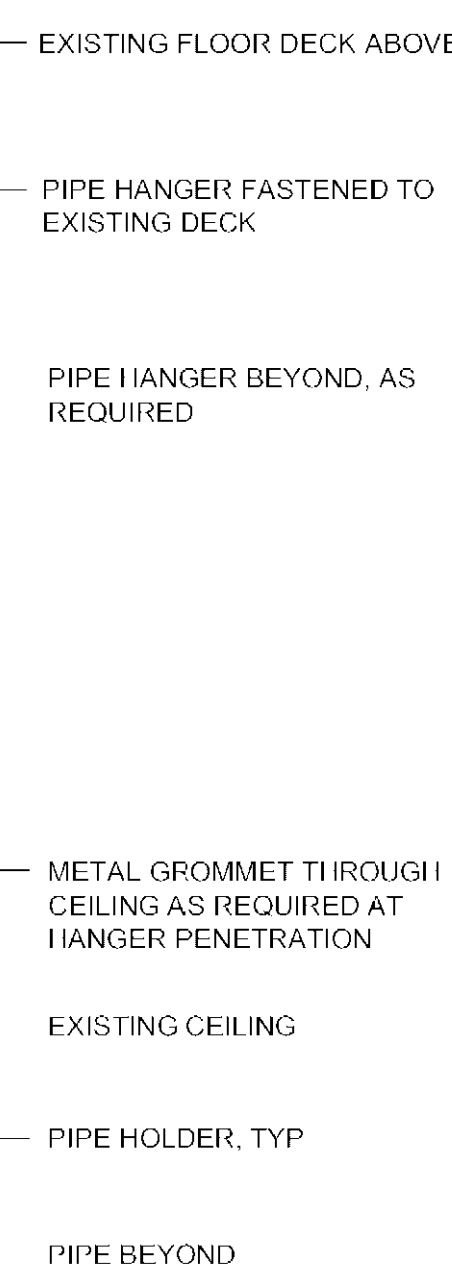
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Scale: $1/1'' = 1:0$



Scale: $1/4" = 1'-0"$

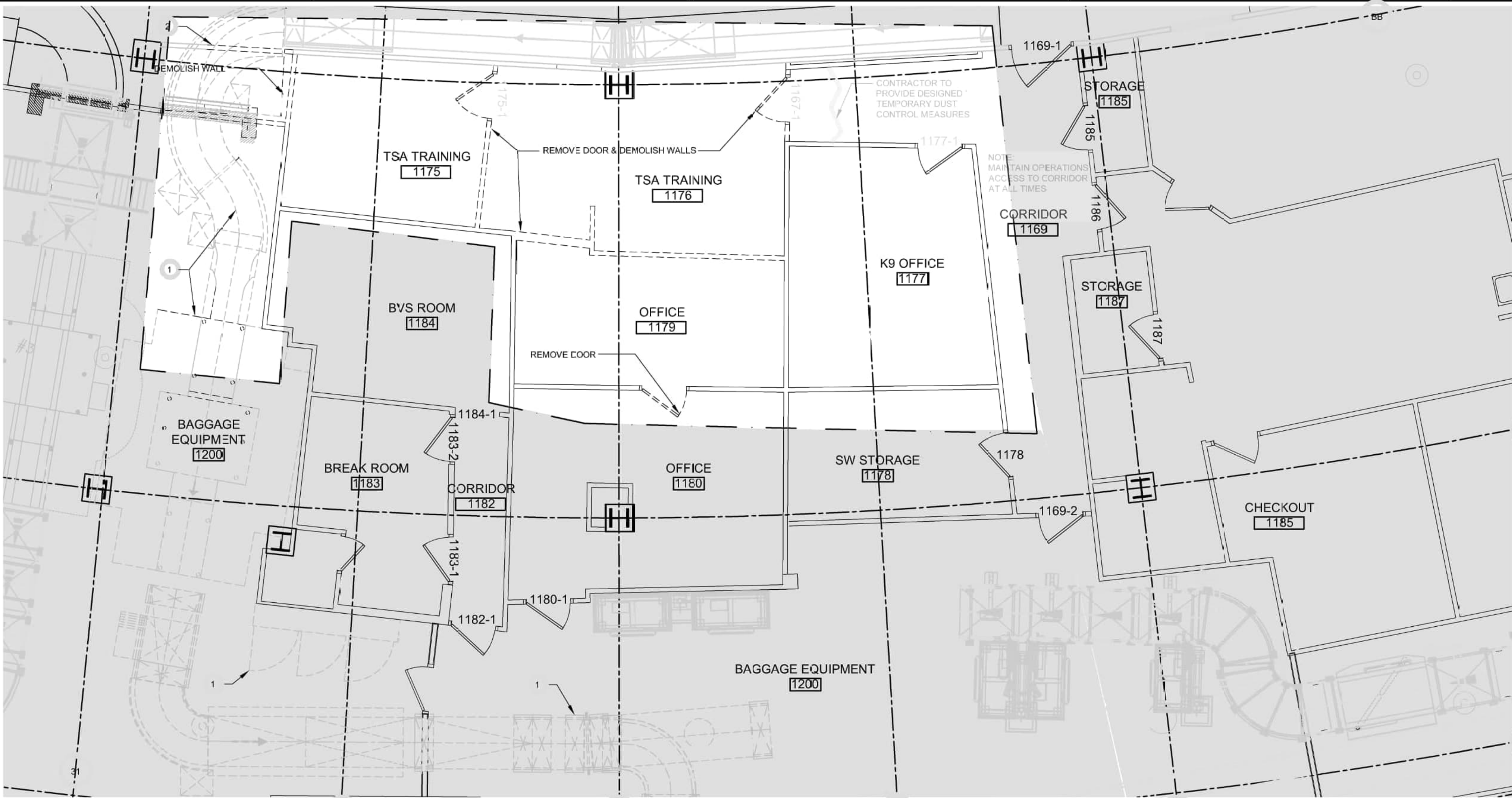


Scale: 1/4" = 1'-0"

AECOM
REGIONAL AIRPORT
MANAGER
155 ELM STREET, SUITE 401
MANCHESTER, NH 03101

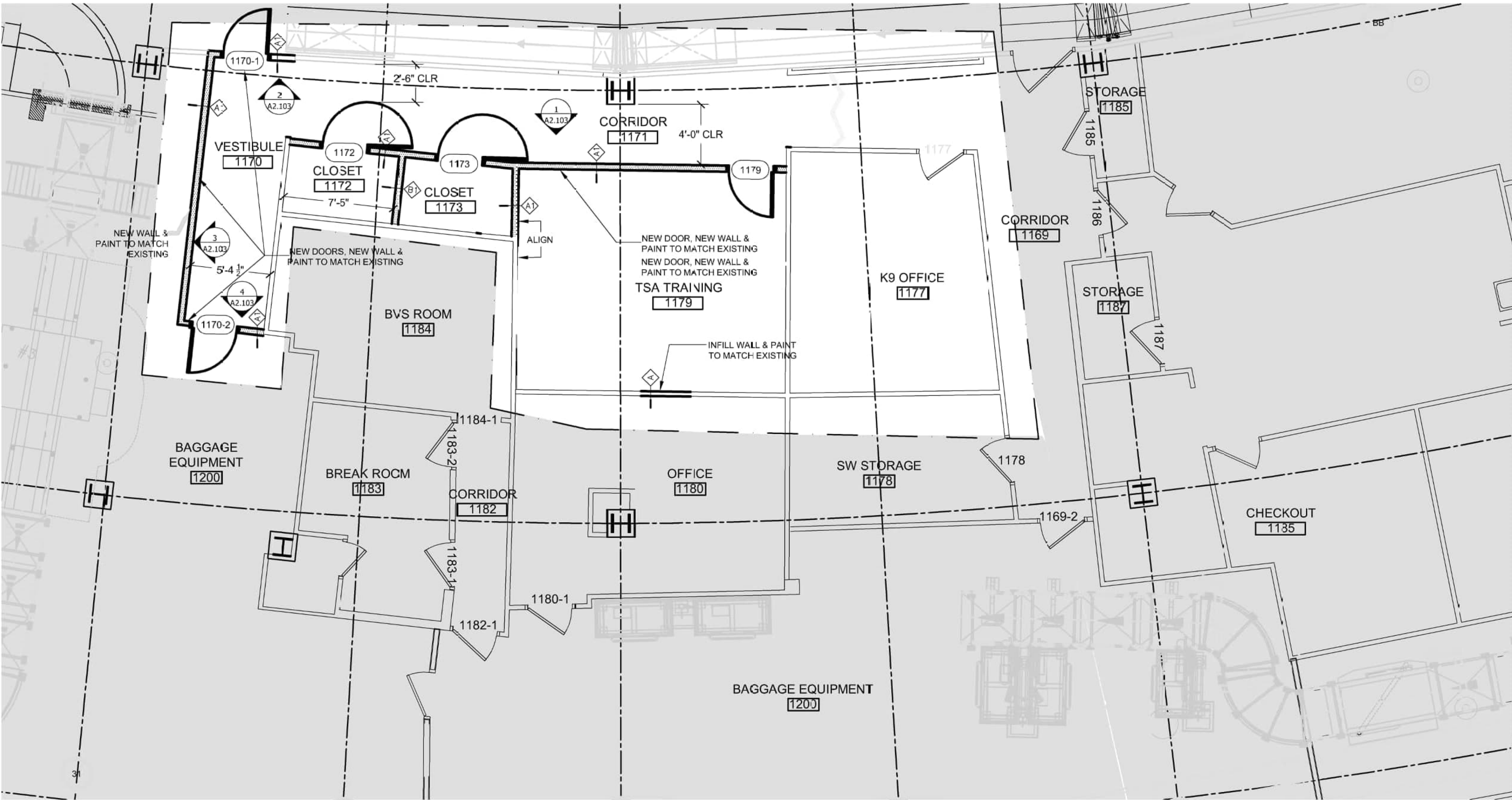
PROJECT NO:	60638480-T029
CAD DWG FILE:	
DESIGNED BY:	AECOM
DRAWN BY:	JT
DEPT CHECK:	PB
PROJ CHECK:	JGG
DATE:	05/24/2024

A1.103



1 DEMOLITION FLOOR PLAN - LEVEL 1

Scale: 1/4" = 1'-0"



2 FLOOR PLAN - LEVEL 1

Scale: 1/4" = 1'-0"

KEY NOTES

- 1 BAGGAGE CONVEYOR AND BAGGAGE SCREENING INSPECTION UNIT TO BE REMOVED BY OTHERS
- 2 TICKET HALL WALL CONVEYOR PENETRATION CLOSURE BY OTHERS. CUT NEW OPENING AND RE-FRAME AS REQUIRED FOR NEW DOOR OPENING

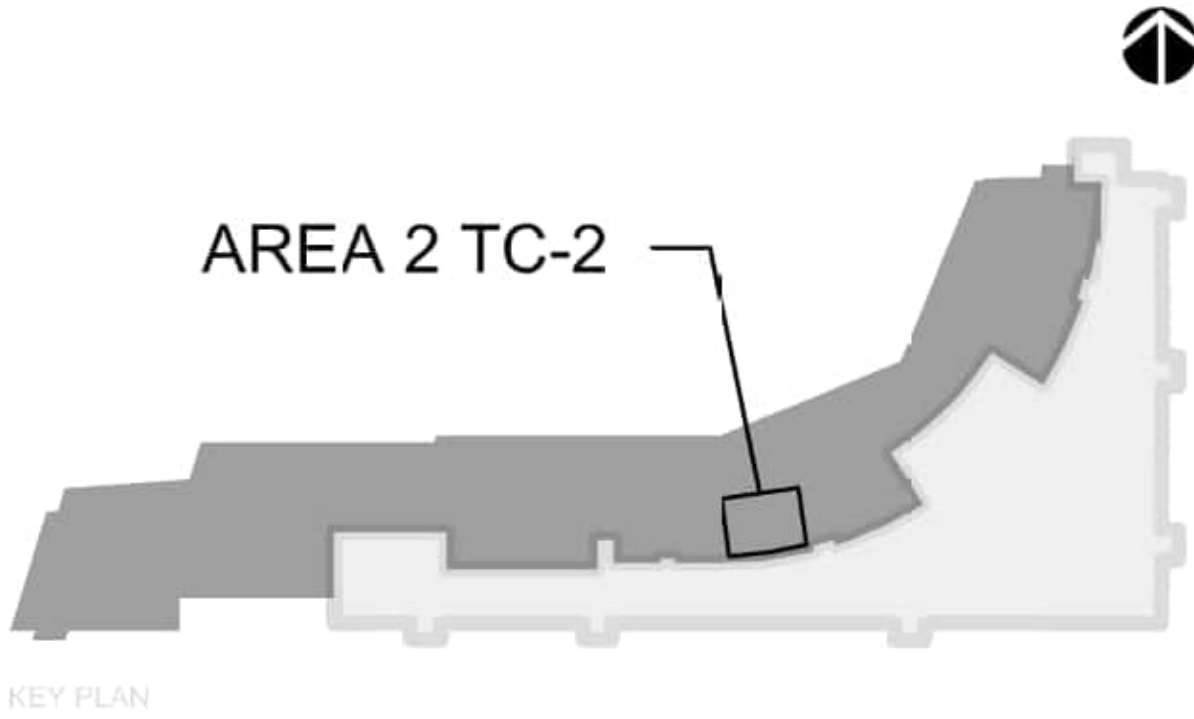
REVISIONS	
NO.	DESCRIPTION

1100 ELM STREET, SUITE 400
MANCHESTER, NH 03101

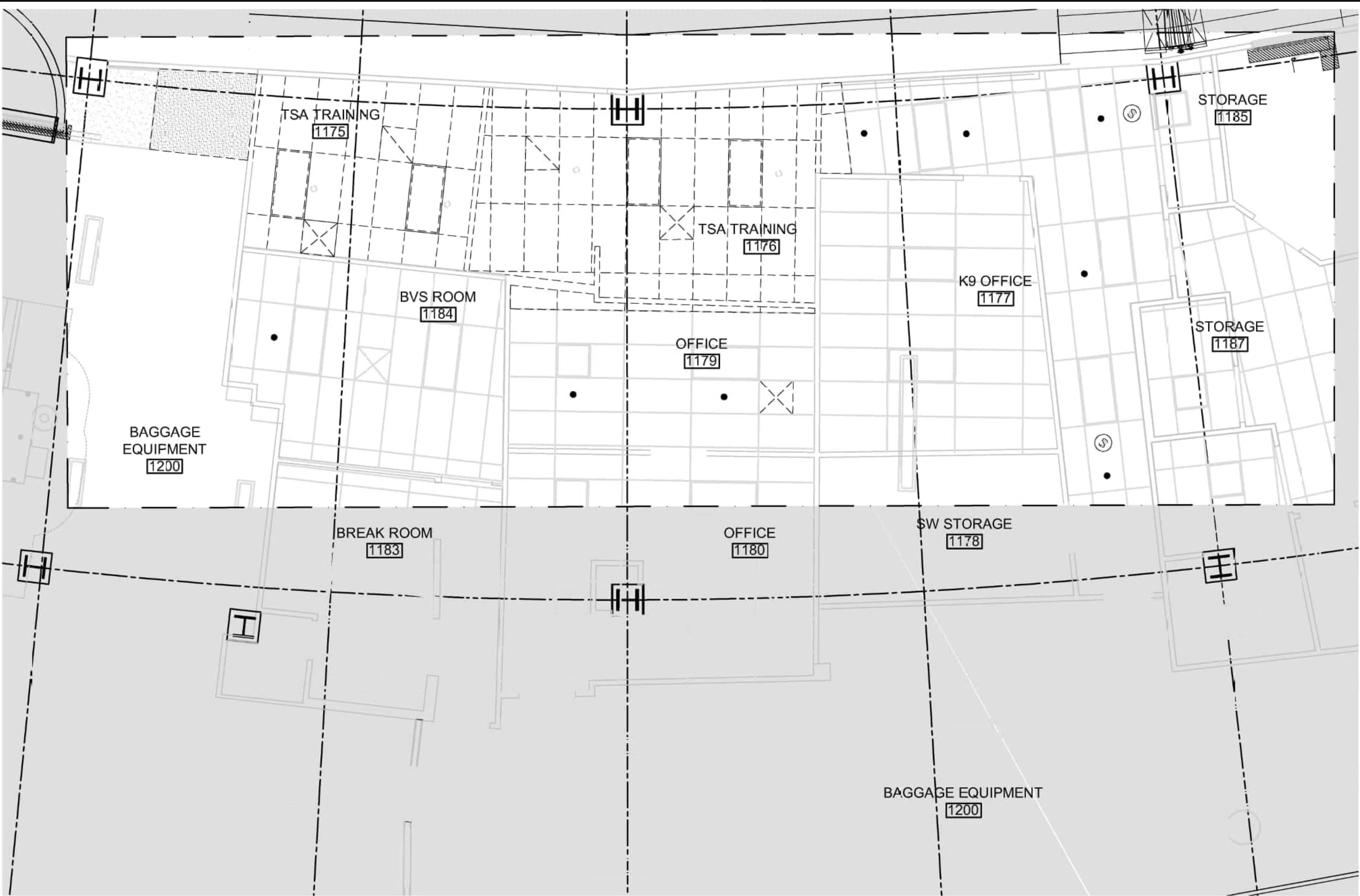
CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 2: TC-2 AREA DEMOLITION AND PROPOSED FLOOR PLANS

PROJECT NO: 60638480-1029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: JTB
PROJ CHECK: JGG
DATE: 05/24/2024

A2.101

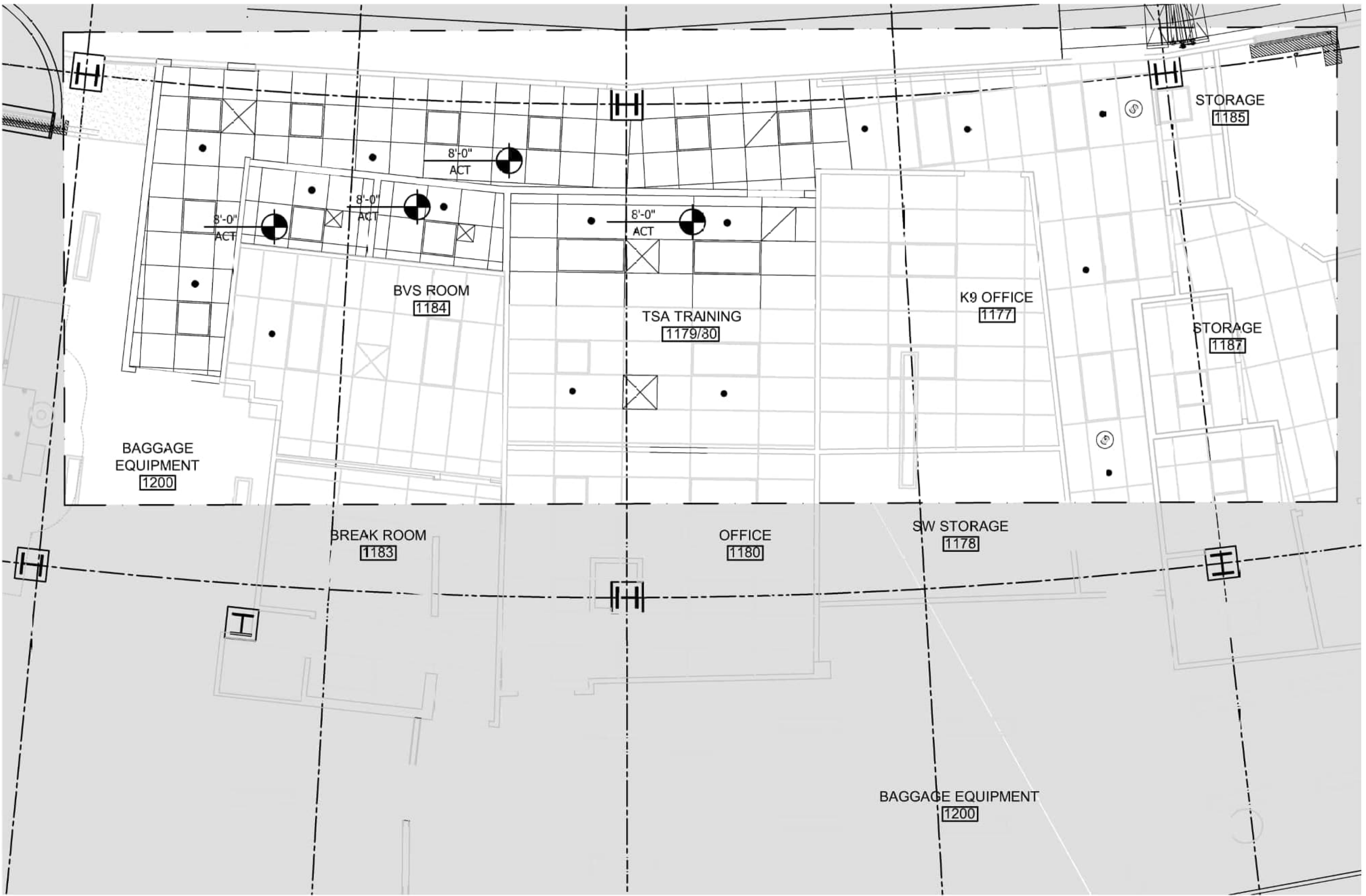


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ASCE - 14-37-24



1 DEMOLITION RCP - LEVEL 1

Scale: 1/4" = 1'-0"



2 RCP - LEVEL 1

Scale: 1/4" = 1'-0"

KEY NOTES

- 1 WHERE EXISTING CEILINGS ARE SHOWN TO BE DEMOLISHED, MAINTAIN EXISTING SPRINKLER COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH FIRE PROTECTION DRAWINGS.
- 2 WHERE EXISTING CEILINGS ARE SHOWN TO BE DEMOLISHED, MAINTAIN EXISTING HVAC COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH HVAC DRAWINGS.

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT

100 ELM STREET, SUITE 401
MANCHESTER, NH 03107

AECOM

Manchester-Boston

REGIONAL AIRPORT

CITY OF MANCHESTER NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 2: TC-2 AREA DEMOLITION AND PROPOSED RCP

PROJECT NO: 60638480-1029

CAD DWG FILE:

DESIGNED BY: AECOM

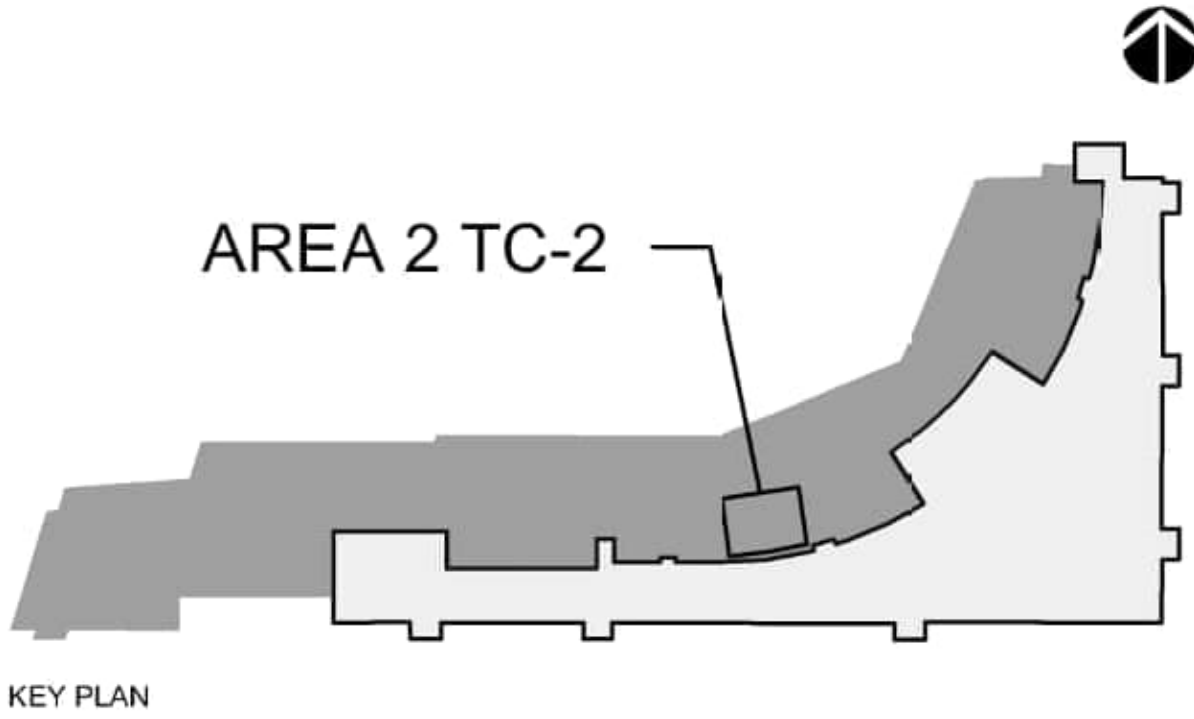
DRAWN BY: JT

DEPT CHECK: PB

PROJ CHECK: JGG

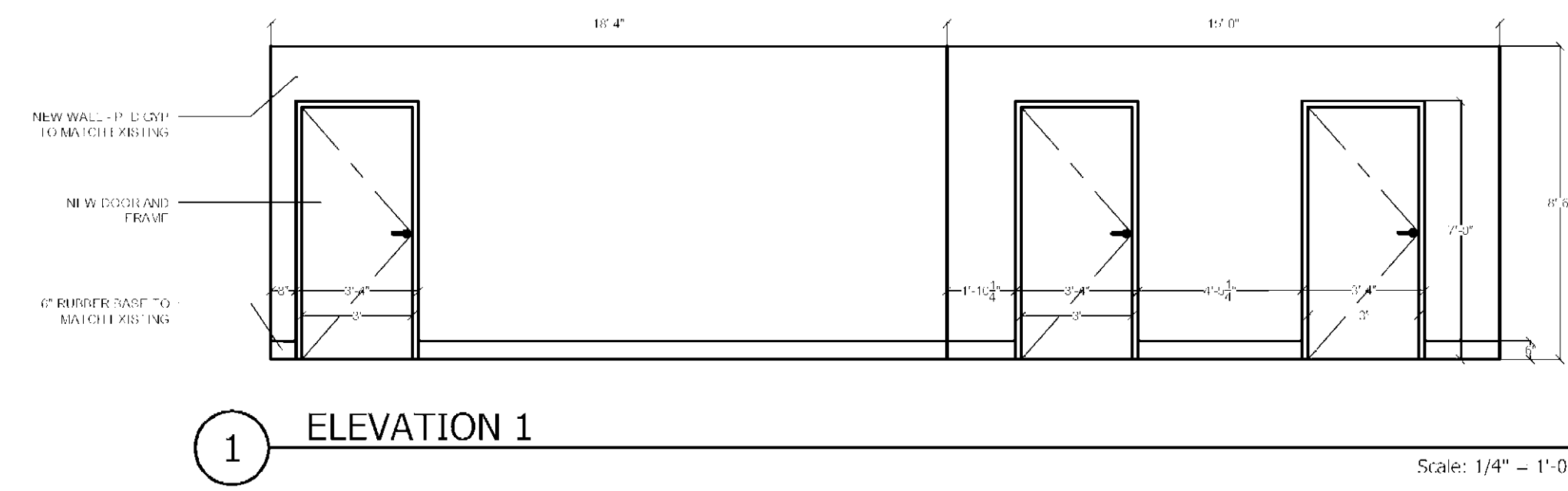
DATE: 05/24/2024

A2.102

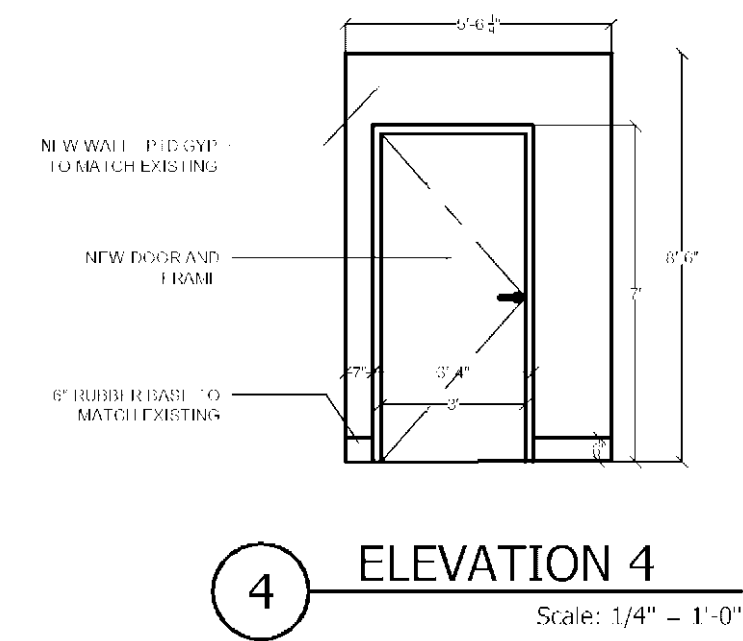
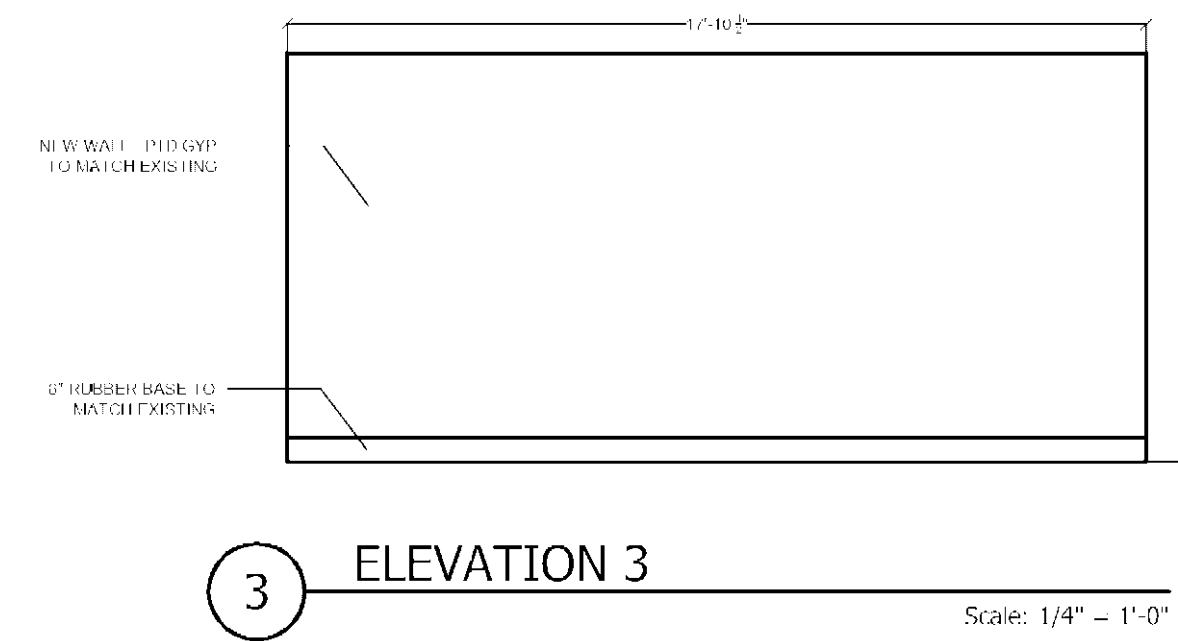
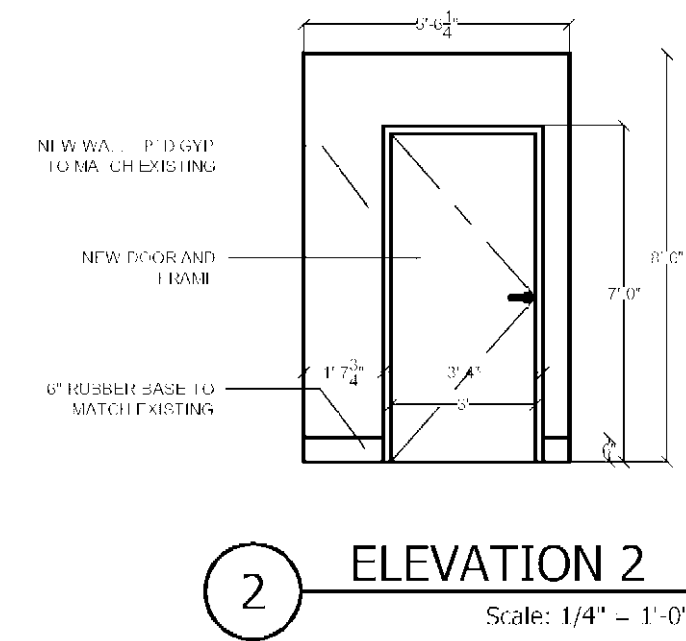


KEY PLAN

E



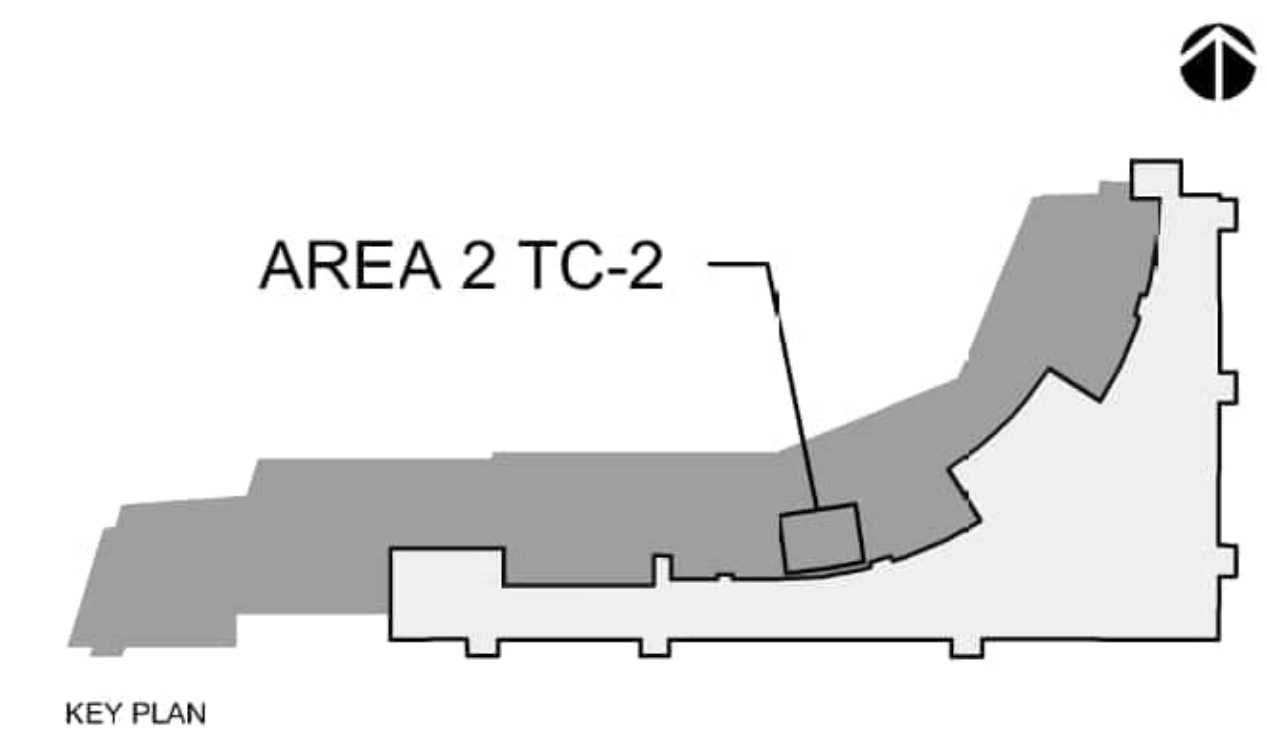
D



C

B

A

[illegible]

AECOM
AECOM
155 ELM STREET, SUITE 401
MANCHESTER, NH 03101

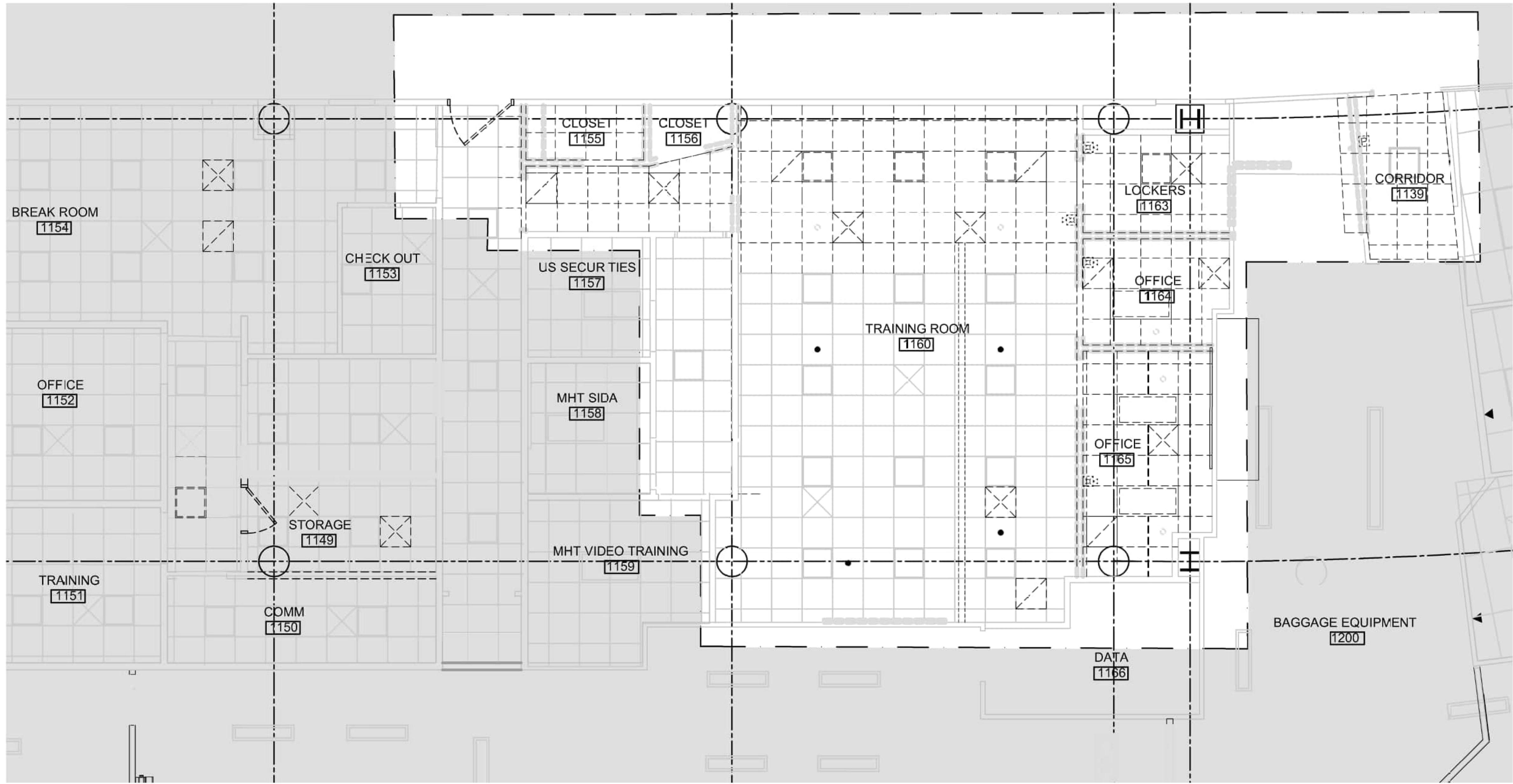


Manchester-Boston
REGIONAL AIRPORT

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION; FY24-005-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 2: TC-2 AREA ELEVATIONS

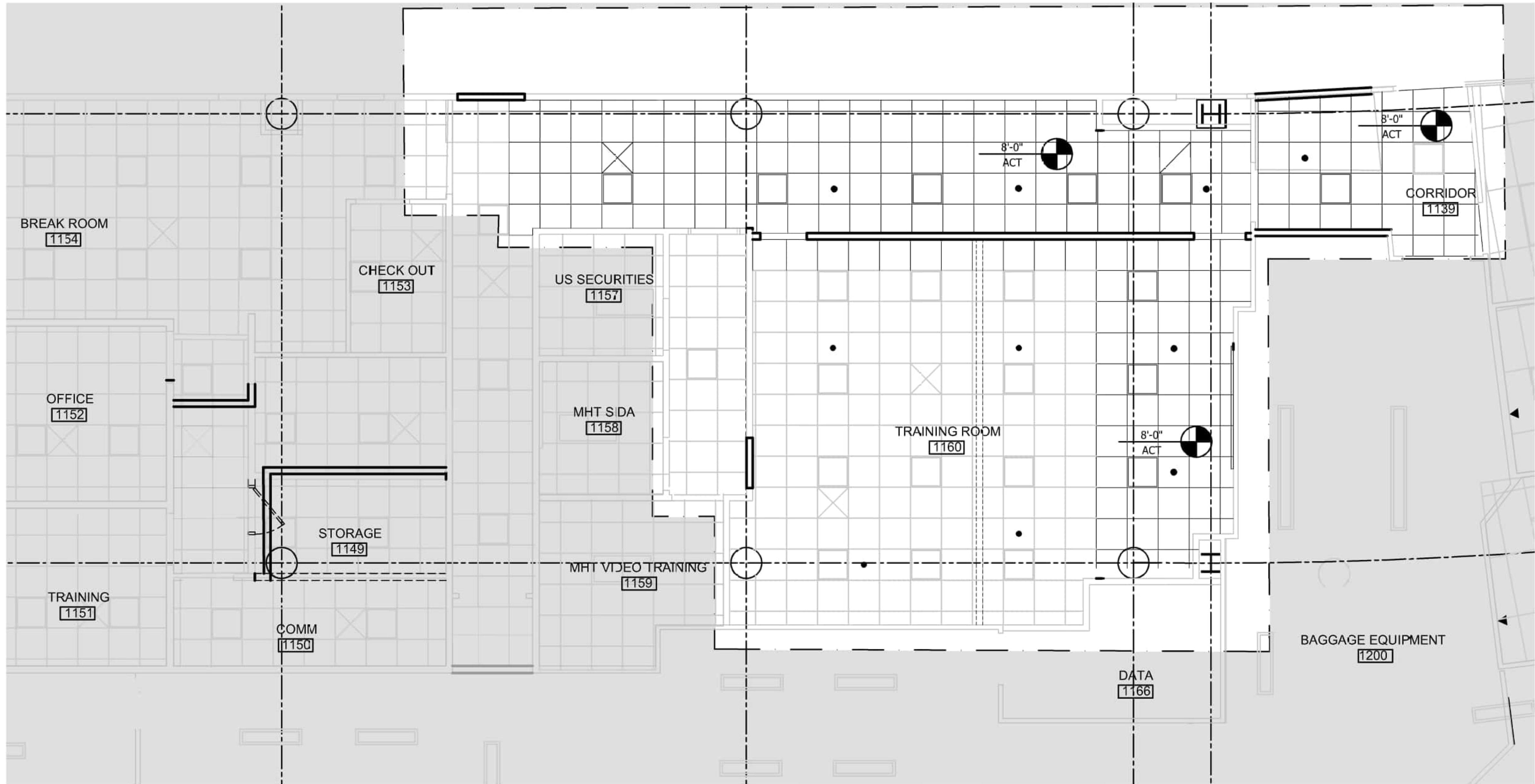
PROJECT NO:	60638480-T029
CAD DWG FILE:	
DESIGNED BY:	AECOM
DRAWN BY:	JT
DEPT CHECK:	PB
PROJ CHECK:	JGG
DATE:	05/24/2024

A2.103



1 DEMOLITION RCP - LEVEL 1
Scale: 1/4" = 1'-0"

SCALE: 1/4"=1'-0" (IN FEET)
0 2 4 8



2 PROPOSED RCP - LEVEL 1
Scale: 1/4" = 1'-0"

SCALE: 1/4"=1'-0" (IN FEET)
0 2 4 8

KEY NOTES

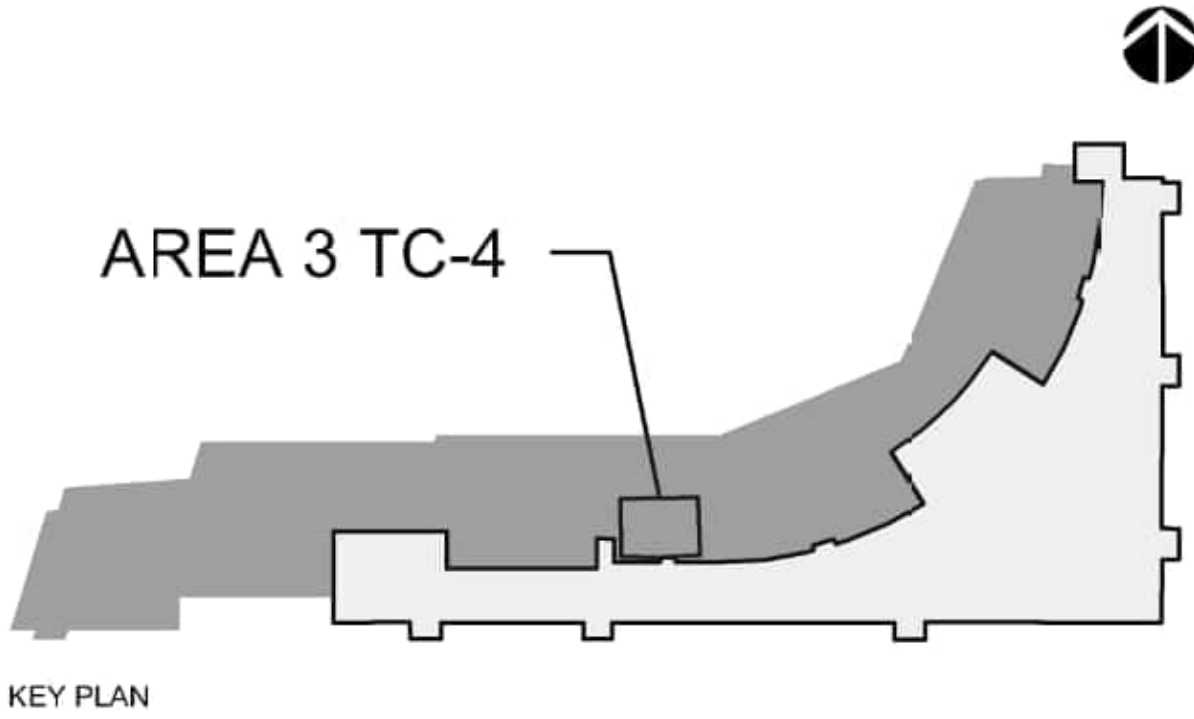
- WHERE EXISTING CEILINGS ARE SHOWN TO BE DEMOLISHED, MAINTAIN EXISTING SPRINKLER COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH FIRE PROTECTION DRAWINGS.
- WHERE EXISTING CEILINGS ARE SHOWN TO BE DEMOLISHED, MAINTAIN EXISTING HVAC COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH HVAC DRAWINGS.

DRAWING NOTES

- REFER TO ARCHITECTURAL, ELECTRICAL, FIRE ALARM, MECHANICAL, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR SCOPE OF WORK DETAILS.

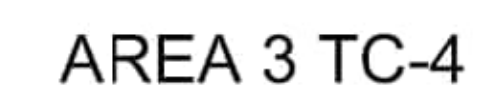
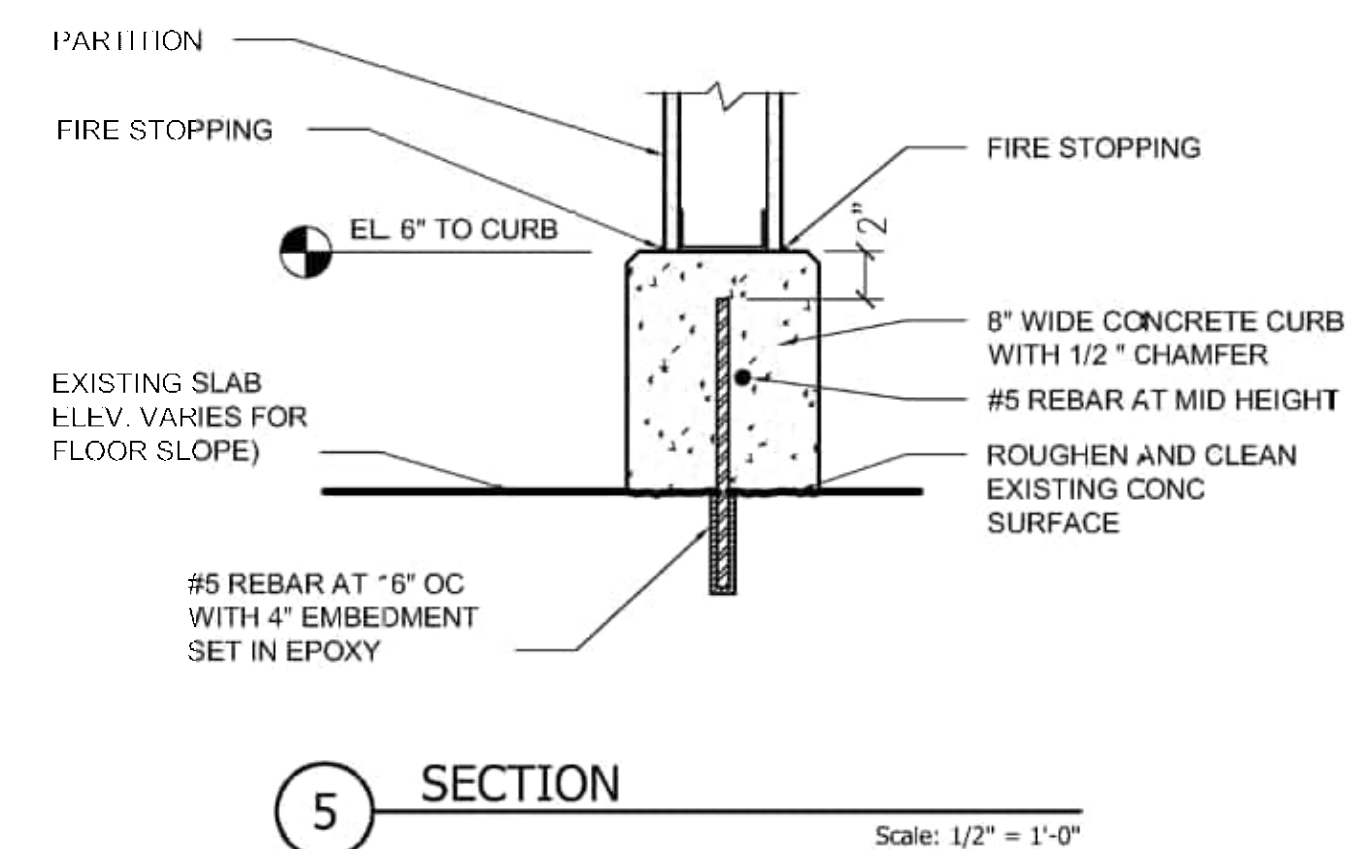
REVISIONS		DESCRIPTION	DATE	BY	CHECKED
NO.	DATE				

PROJECT: 60638480-1029 CADD FILE: A3.102 DESIGNED BY: AECOM DRAWN BY: JT CHECKED BY: PB PROJECT: BHS-TC2/TC4 : A-WING OFFICES DATE: 05/24/2024	
CITY OF MANCHESTER NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45 AIRPORT TERMINAL BUILDING IMPROVEMENTS AWIP : BHS-TC2/TC4 : A-WING OFFICES AREA 3: TC-4 AREA DEMOLITION AND PROPOSED REFLECTED CEILING PLANS	
A3.102	



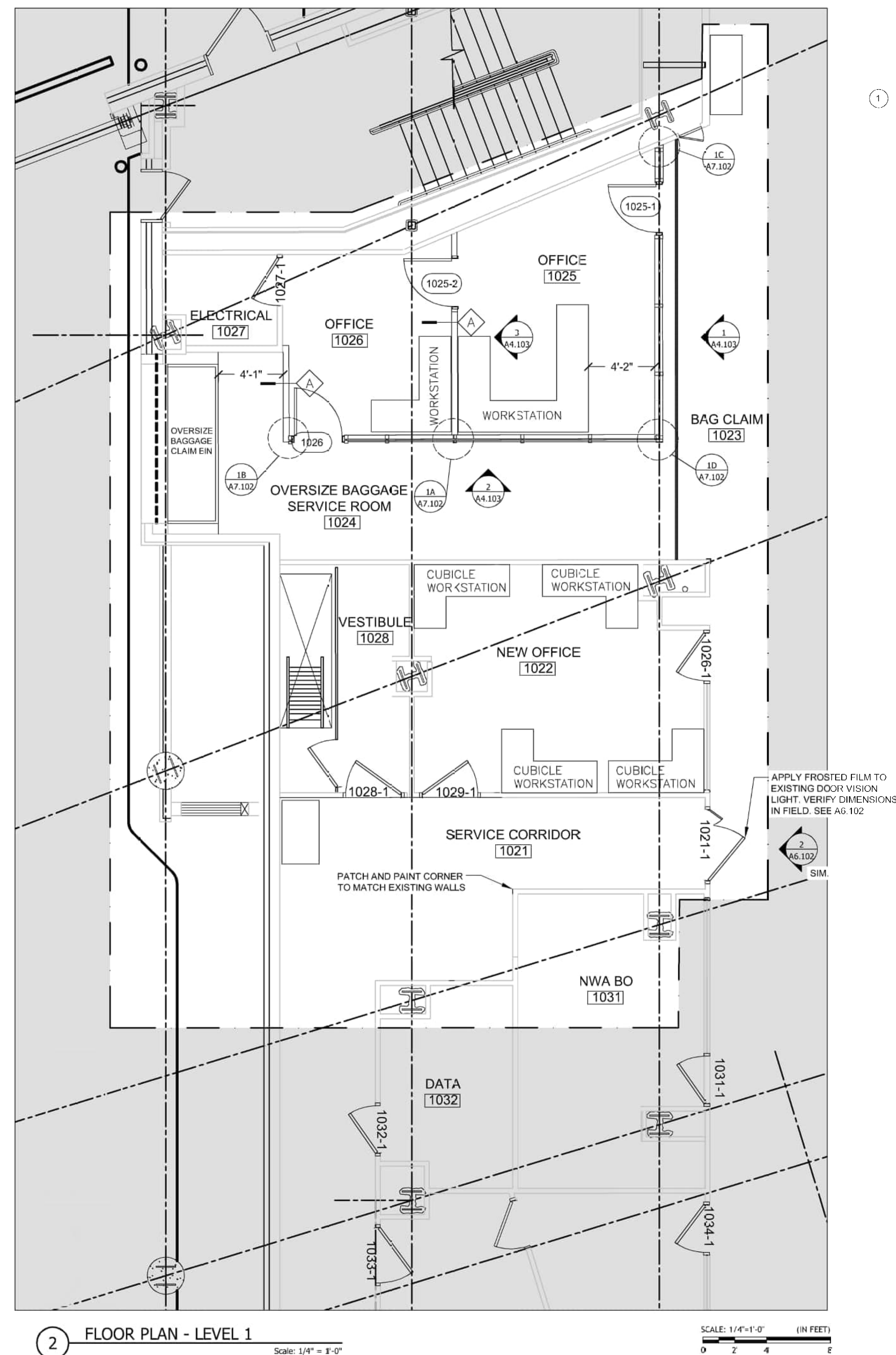
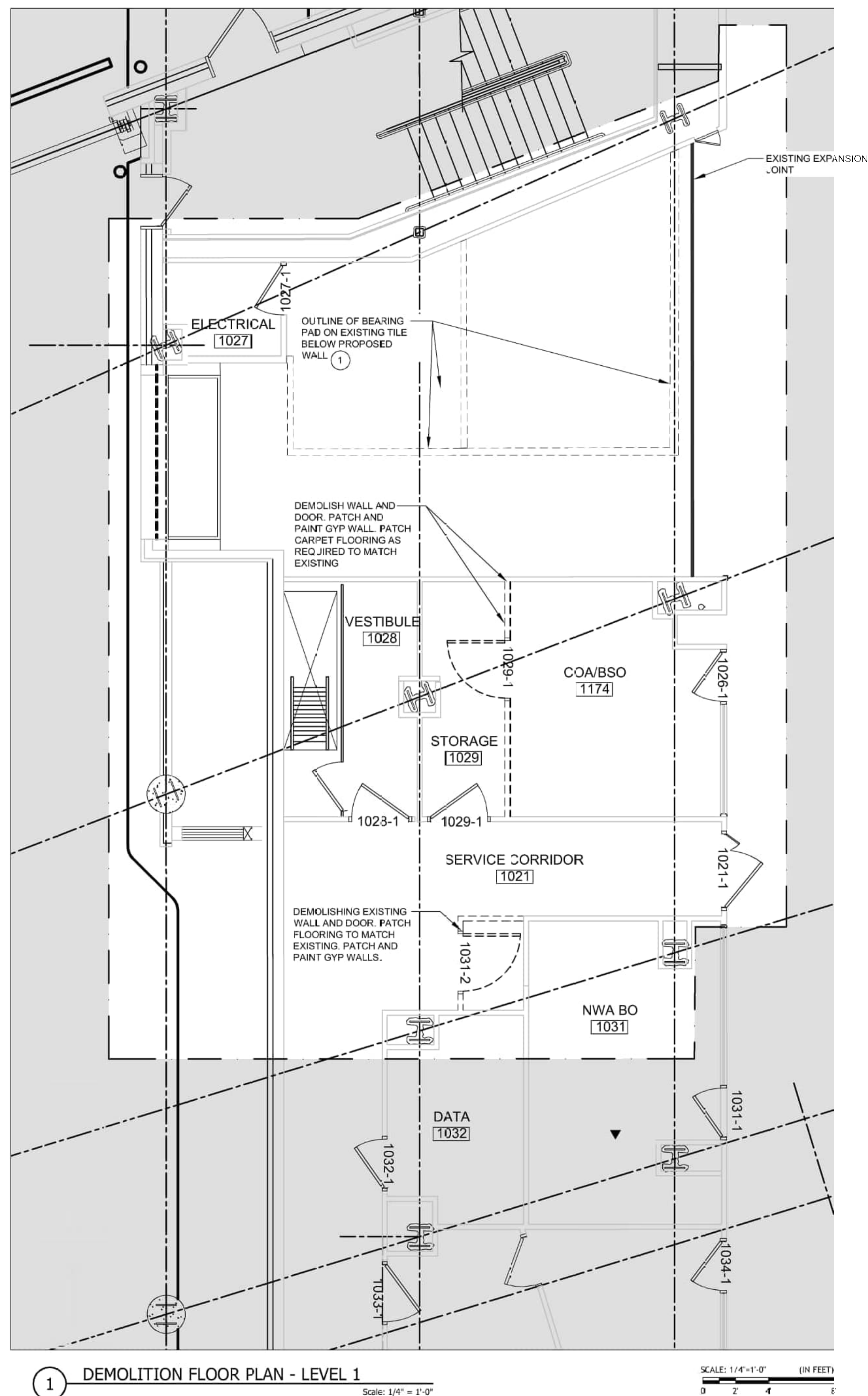
AREA 3 TC-4

KEY PLAN



PROJECT NO:	60638480-T029
CAD DWG FILE:	
DESIGNED BY:	AECOM
DRAWN BY:	JT
DEPT CHECK:	PB
PROJ CHECK:	JGG
DATE:	05/24/2024

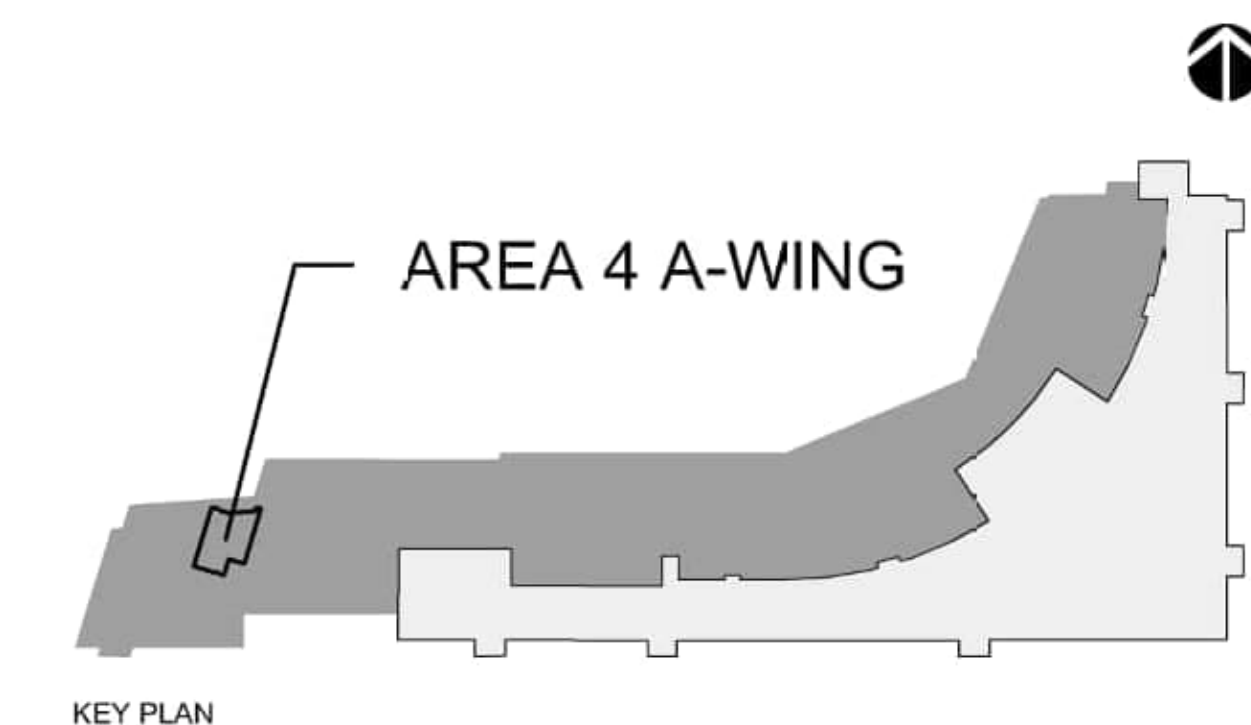
A3.103



KEY NOTES

1. PRE-DRILL HOLES IN EXISTING CERAMIC TILES LARGER THAN HOLES IN CONCRETE FLOOR BELOW FOR FLOOR ANCHORS. INSTALL ELASTOMERIC (SOLID NEOPRENE RUBBER OR FABRIC-REINFORCED NITRILE RUBBER) CONTINUOUS STRIP BEARING PAD UNDER THE WALL FOOTPRINT ON THE EXISTING TILE. MIN. 3/8" THICK x WIDTH EQUAL TO WALL THICKNESS. BEARING PAD SHALL HAVE A DUROMETER / HARDNESS OF 70+ SHORE-A AND AS RECOMMENDED BY THE MANUFACTURER FOR THIS APPLICATION.

APPLY FROSTED FILM TO
EXISTING DOOR VISION
LIGHT. VERIFY DIMENSIONS
IN FIELD. SEE A6.102



CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION, 1124-000-040 AIRPORT TERMINAL BUILDING IMPROVEMENTS AWIP : BHS-TC2/TC4 : A-WING OFFICES AREA 4: A-WING DEMOLITION AND PROPOSED FLOOR PLANS		PROJECT NO: 60638480-1029 DRAWING FILE: DESIGNED BY: AECOM DRAWN BY: JT CPT CHECK: PB PROJ. CHECK: JGG DATE: 05/24/2024	
 AECOM 100 WATER STREET, SUITE 401 MANCHESTER, NH 03103		 Manchester-Boston REGIONAL AIRPORT	
		REVISIONS	

KEY NOTES

- 1 WHERE EX STING CEILINGS ARE SHOWN TO BE DEMOLISHED, MAINTAIN EXISTING SPRINKLER COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH FIRE PROTECTION DRAWINGS.
- 2 WHERE EX STING CEILINGS ARE SHOWN TO BE DEMOLISHED, MAINTAIN EXISTING HVAC COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH HVAC DRAWINGS.

[illegible]

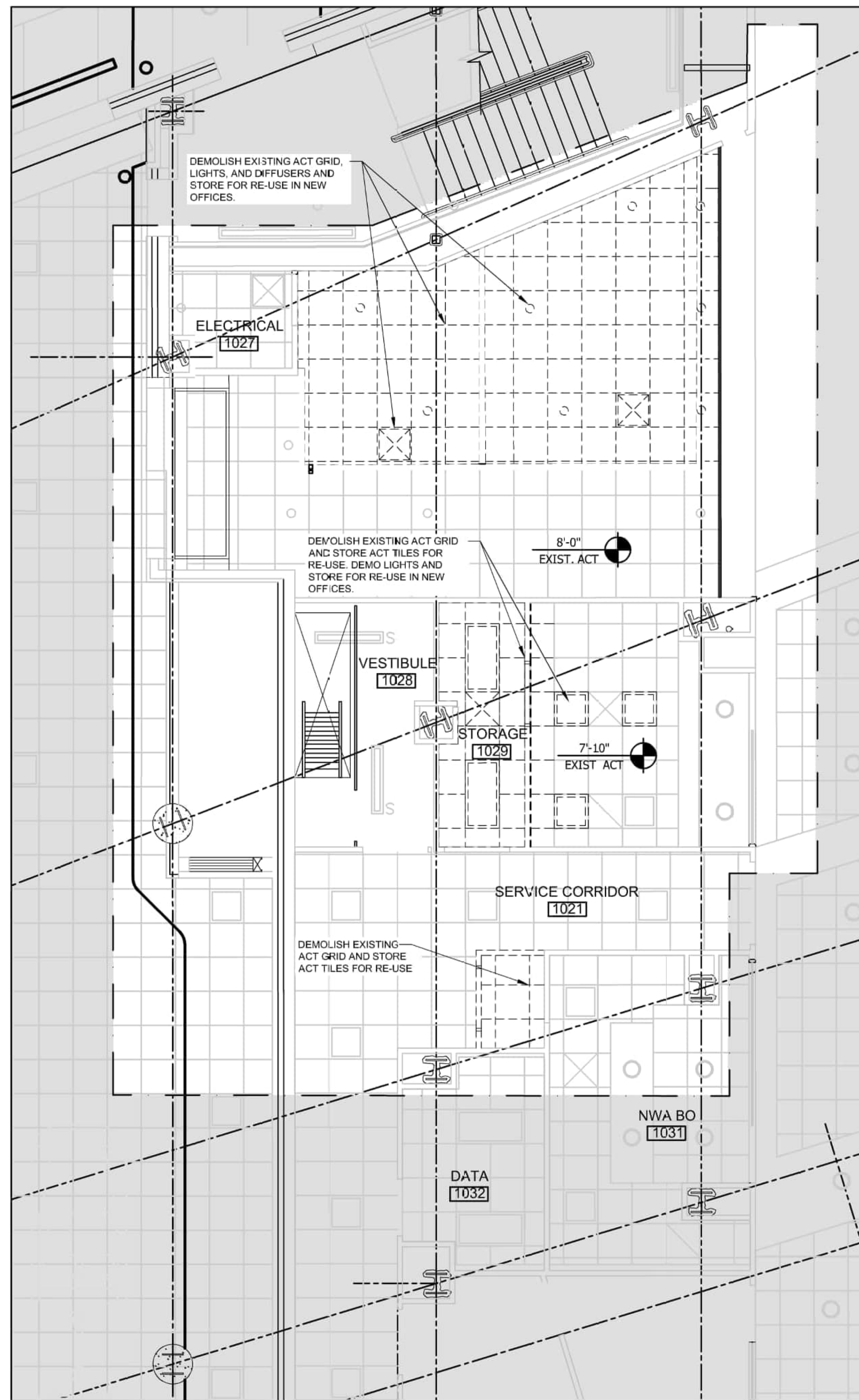
1155 ELM STREET, SUITE 401
MANCHESTER, NH 03101



REPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 4: A-WING DEMOLITION AND PROPOSED ROPS

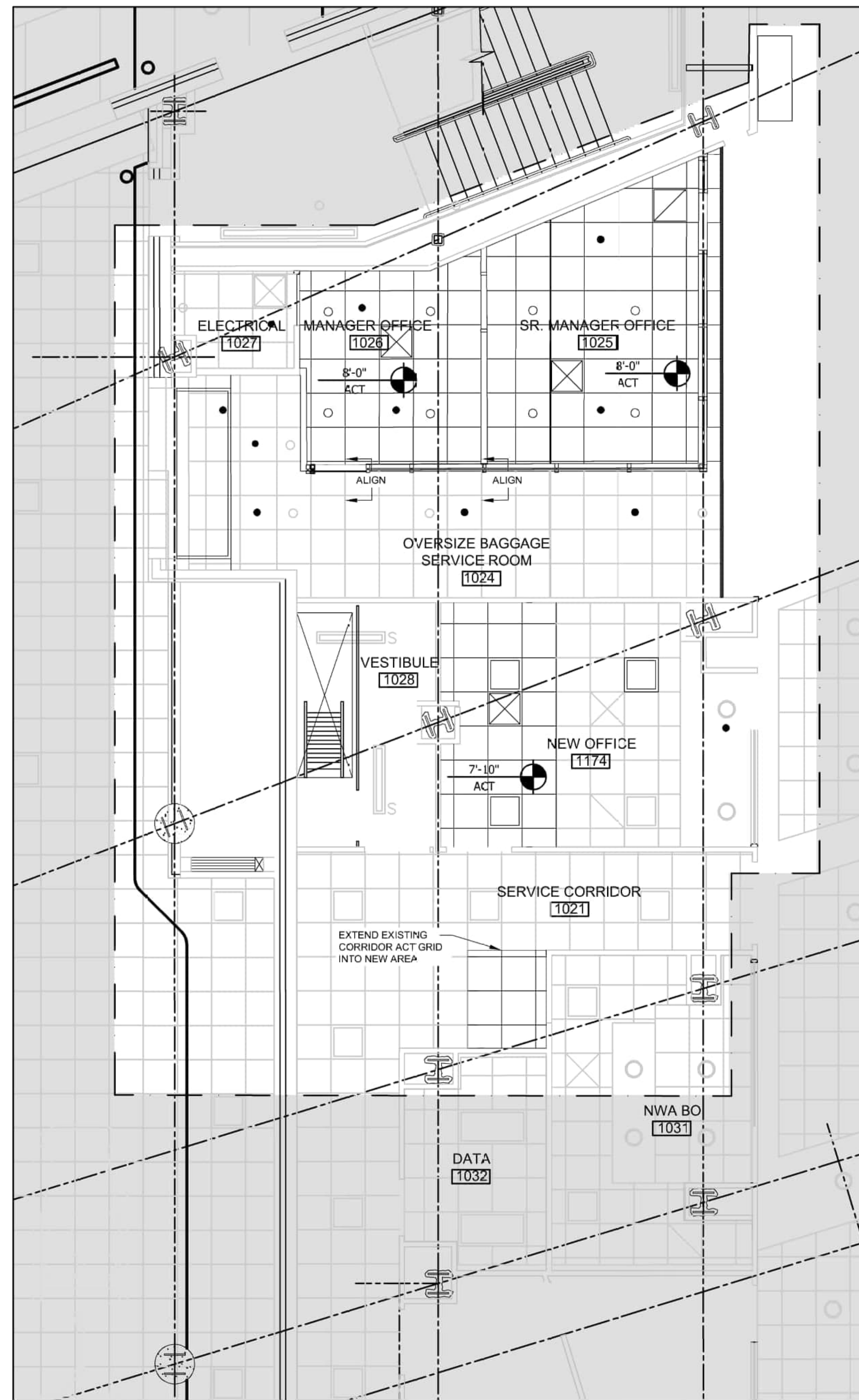
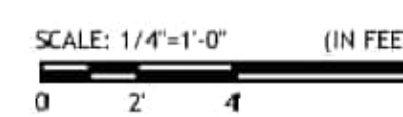
PROJECT NO: 60638480-T029
ADD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
CHECKED BY: PB
APPROVED BY: JGG
DATE: 05/24/2024

A4.102



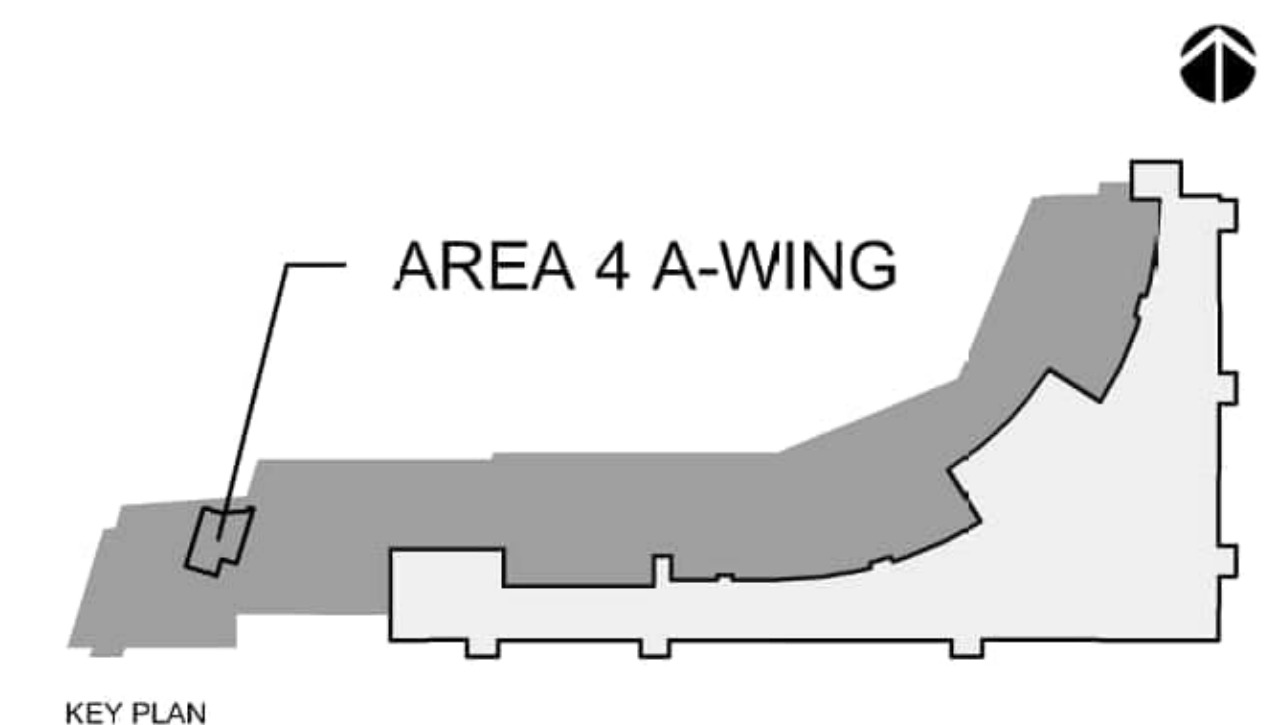
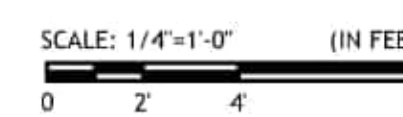
1 DEMOLITION RCP - LEVEL 1

Scale: 1/4" = 1'-0"



2 RCP - LEVEL 1

Scale: 1/4" = 1'-0"



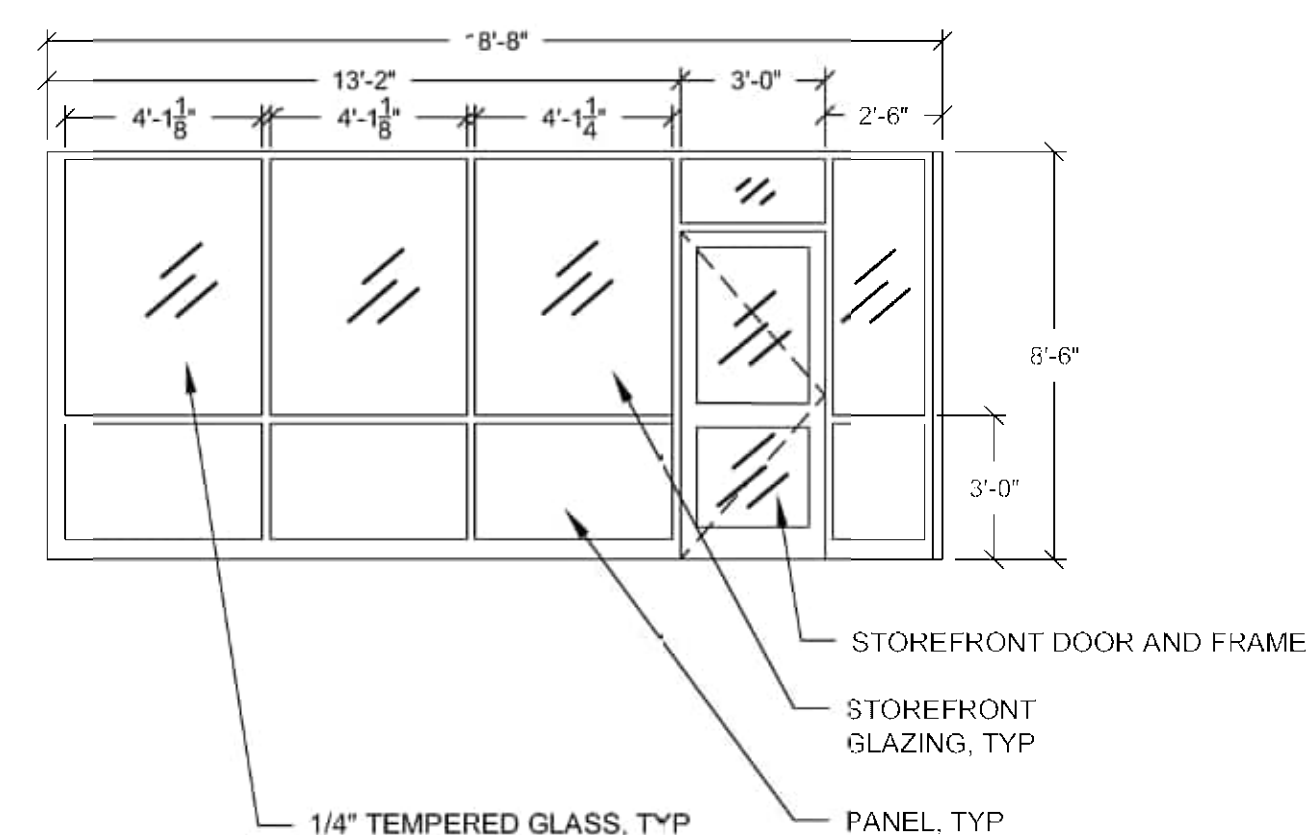
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D

C

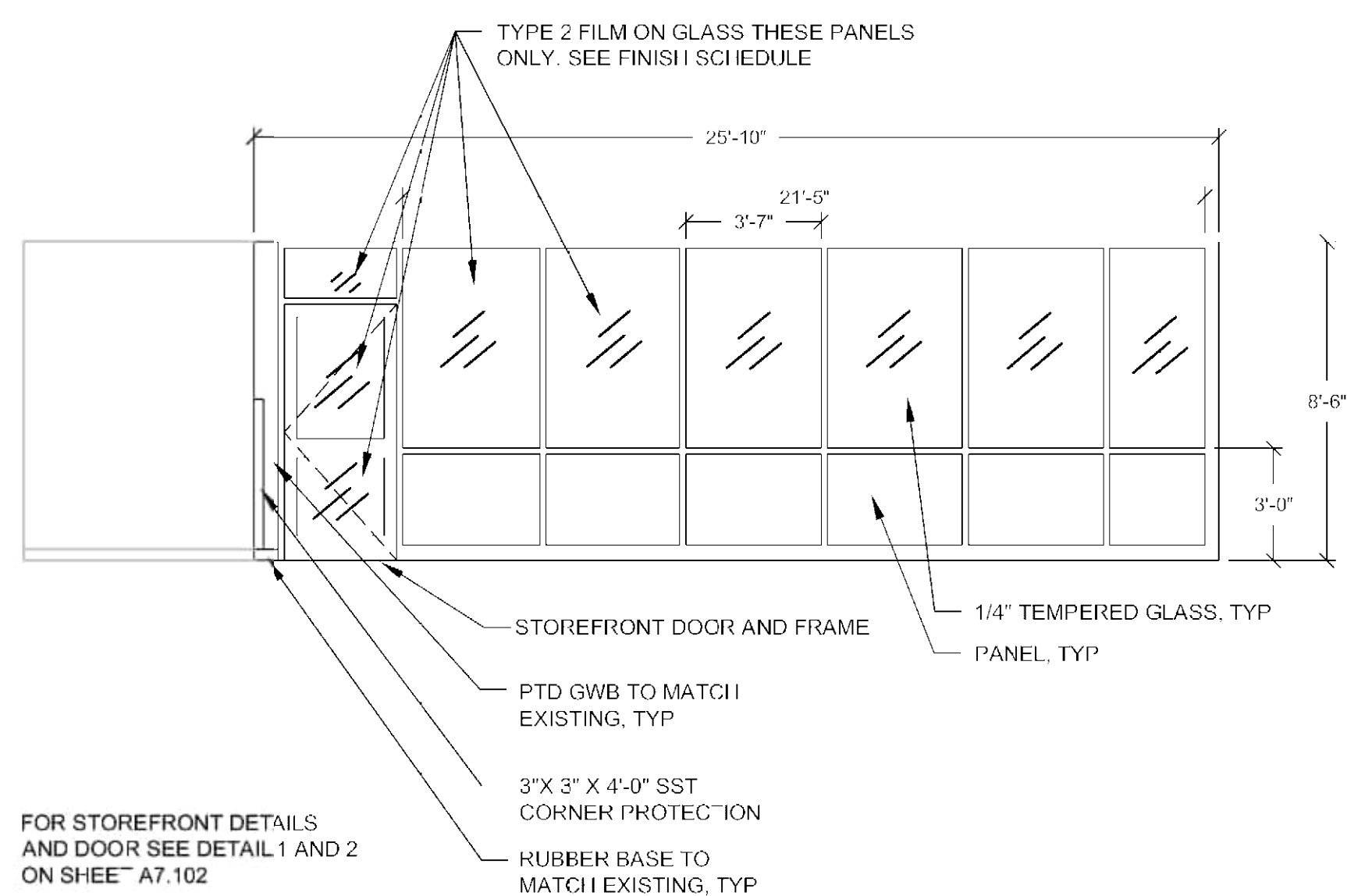
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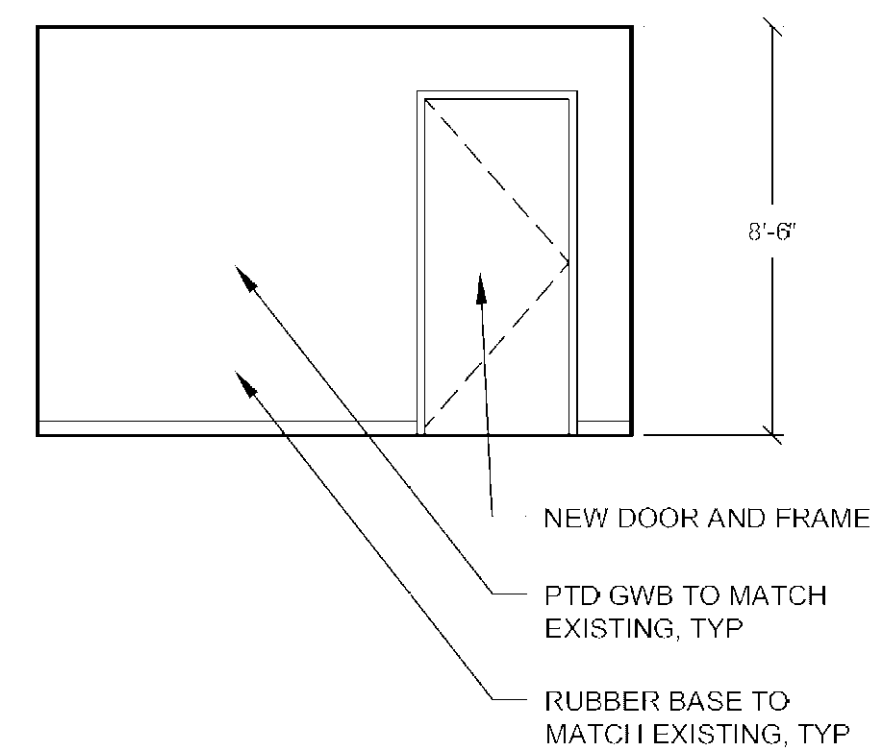
1 ELEVATION - EAST GLASS WALL

Scale: 1/4" = 1' 0"



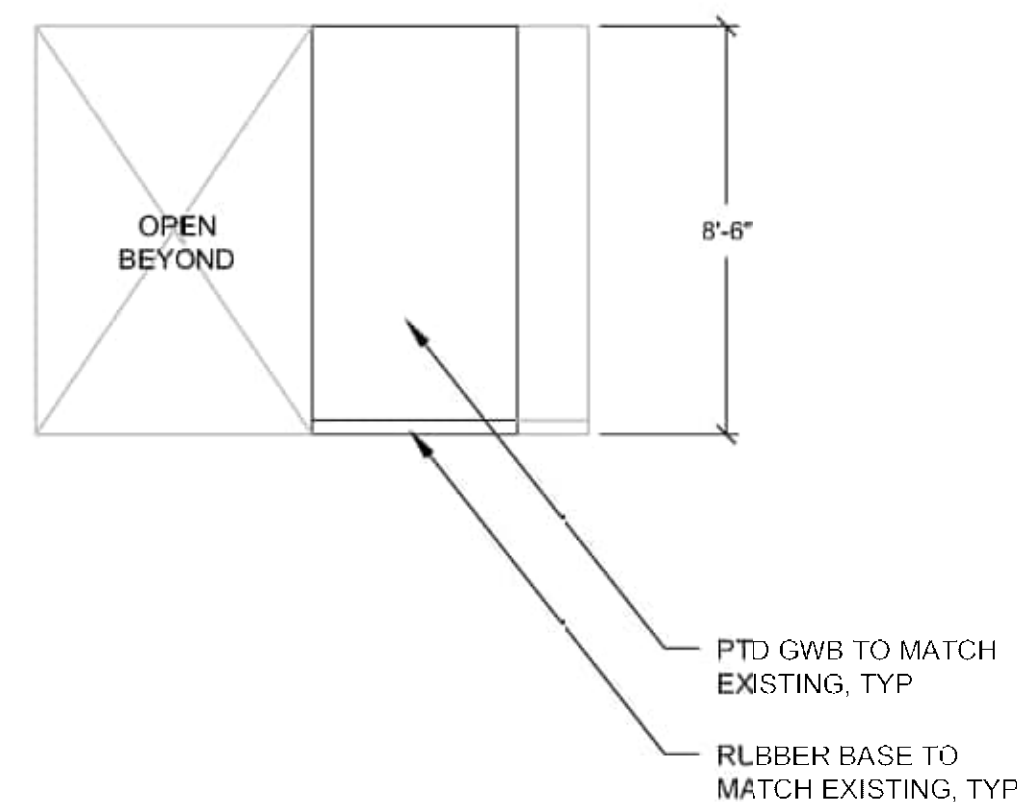
2 ELEVATION - SOUTH GLASS WALL

Scale: 1/4" = 1'-0"



3 ELEVATION - OFFICE DIVIDER PARTITION

Scale: $1/4" = 1'-0"$



4 ELEVATION - INFILL WALL

Scale: 1/4" = 1'-0"

[illegible]

155 ELM STREET, SUITE 401
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MANCHESTER, NH 03101

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MANCHESTER, NH 03101

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MANCHESTER, NH 03101

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION ; FY24-805-445
AIRPORT TERMINAL BUILDING IMPROVEMENTSCITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION ; FY24-805-445
AIRPORT TERMINAL BUILDING IMPROVEMENTSCITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION ; FY24-805-445
AIRPORT TERMINAL BUILDING IMPROVEMENTSCITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION ; FY24-805-445
AIRPORT TERMINAL BUILDING IMPROVEMENTS

PROJECT NO: 60638480-T029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: PB
PROJ CHECK: JGG
DATE: 05/24/2024

PROJECT NO: 60638480-T029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: PB
PROJ CHECK: JGG
DATE: 05/24/2024

PROJECT NO: 60638480-T029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: PB
PROJ CHECK: JGG
DATE: 05/24/2024

PROJECT NO: 60638480-T029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: PB
PROJ CHECK: JGG
DATE: 05/24/2024

PROJECT NO: 60638480-T029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: PB
PROJ CHECK: JGG
DATE: 05/24/2024

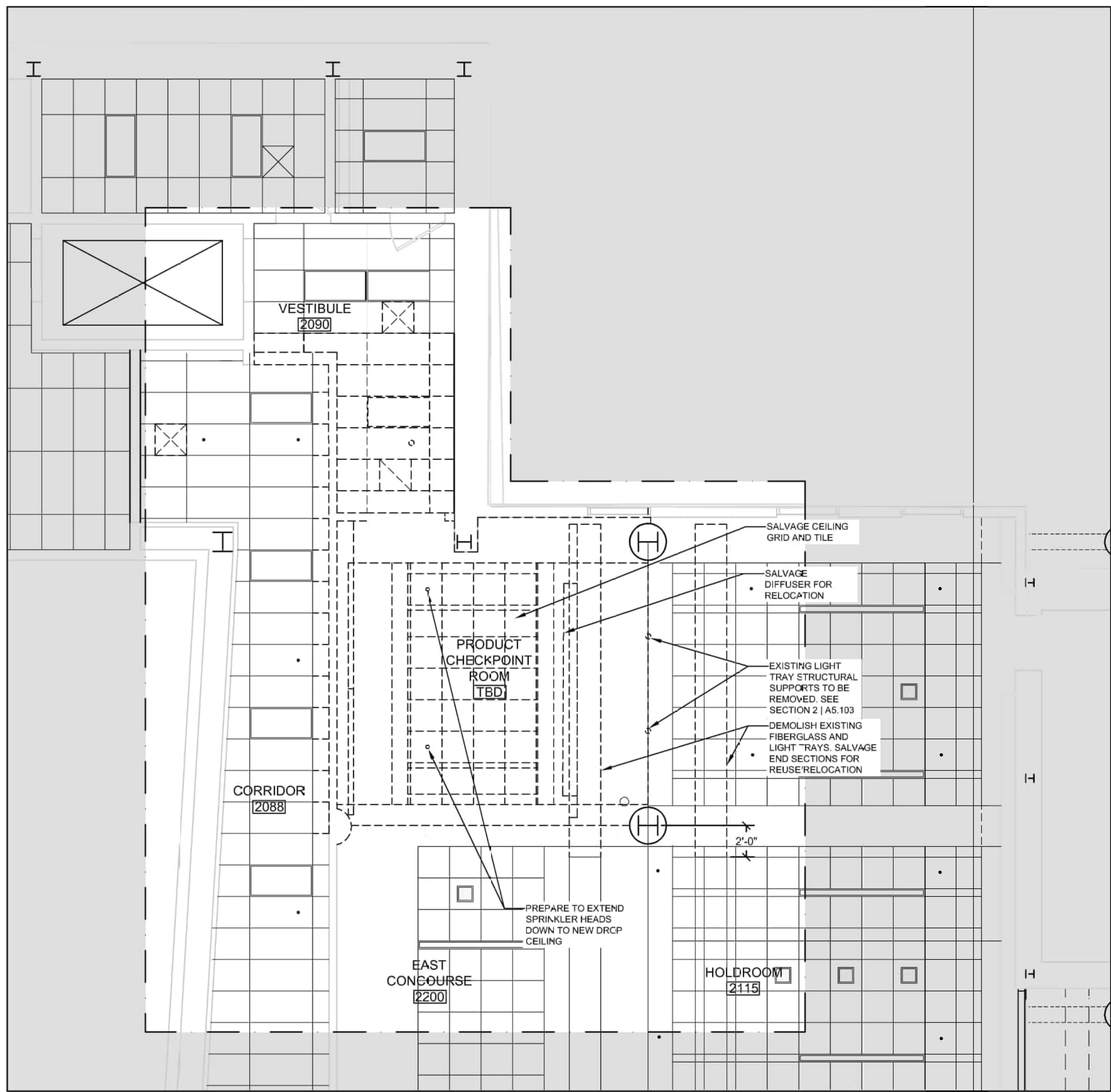
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DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: PB
PROJ CHECK: JGG
DATE: 05/24/2024

PROJECT NO: 60638480-T029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: PB
PROJ CHECK: JGG
DATE: 05/24/2024

A4.103

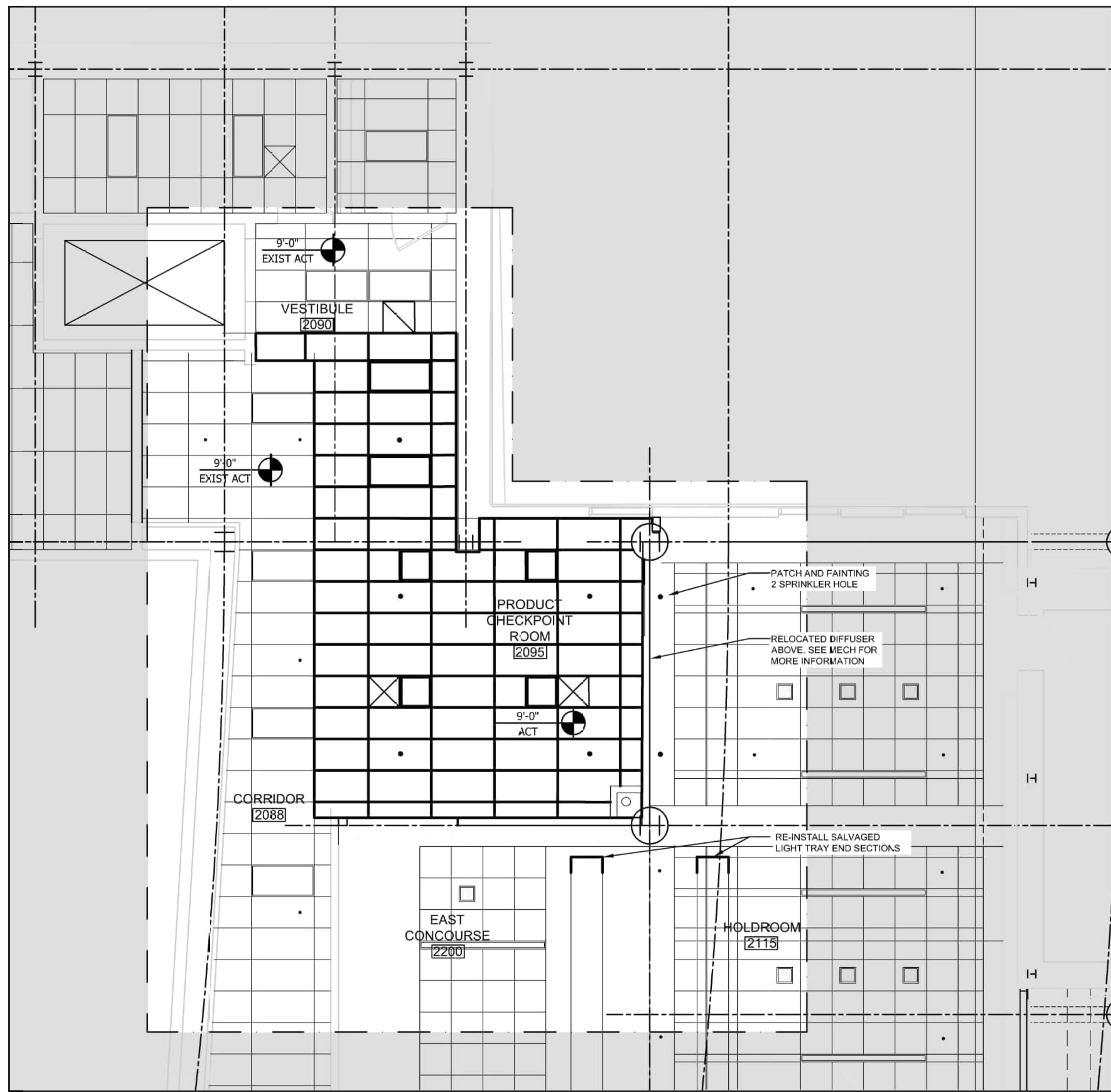
15-NOV-91 14:00:23

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1 DEMOLITION REFLECTED CEILING PLAN - LEVEL 2
Scale: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0" (IN FEET)
0 2 4 8



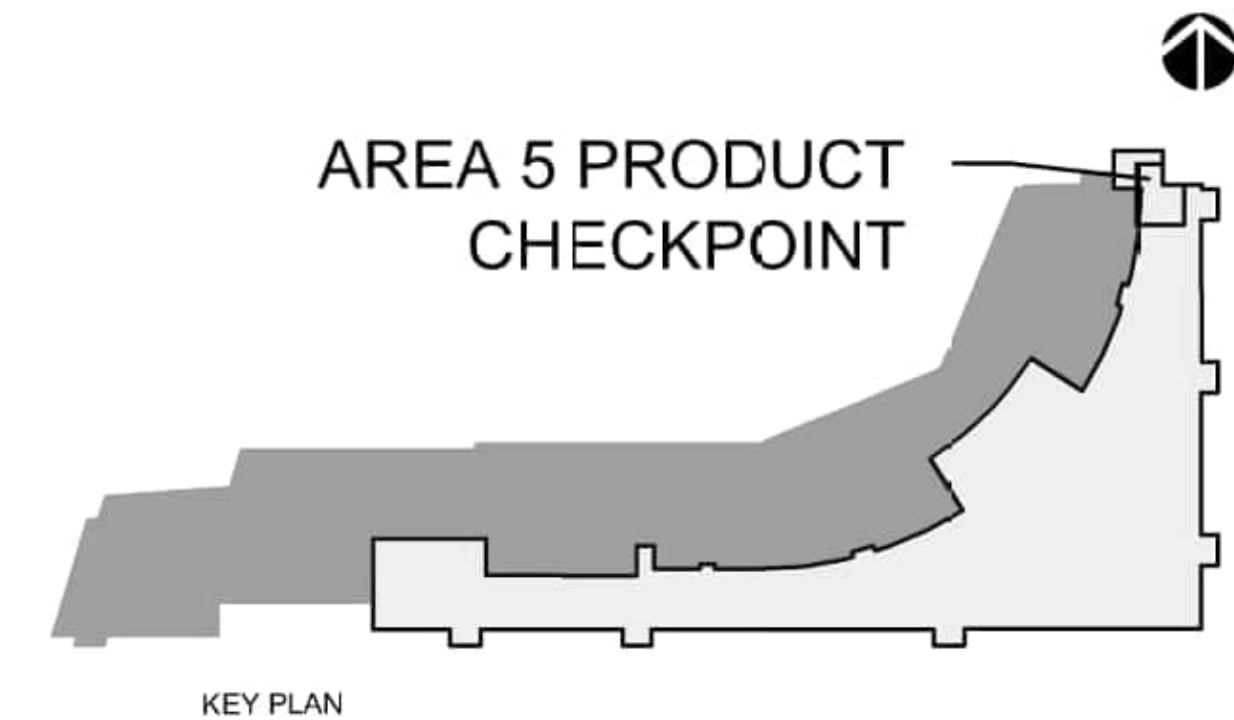
2 REFLECTED CEILING PLAN - LEVEL 2
Scale: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0" (IN FEET)
0 2 4 8

KEY NOTES

- 1 WHERE EXISTING CEILINGS ARE SHOWN TO BE DEMOLISHED, MAINTAIN EXISTING SPRINKLER COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH FIRE PROTECTION DRAWINGS.
- 2 WHERE EXISTING CEILINGS ARE SHOWN TO BE DEMOLISHED, MAINTAIN EXISTING HVAC COVERAGE AND ADJUST FOR NEW CEILING LAYOUT. COORDINATE WITH HVAC DRAWINGS.

AREA 5 PRODUCT CHECKPOINT



REVISIONS			
NO.	DATE	DESCRIPTION	

1100 ELM STREET, SUITE 400
MANCHESTER, NH 03101

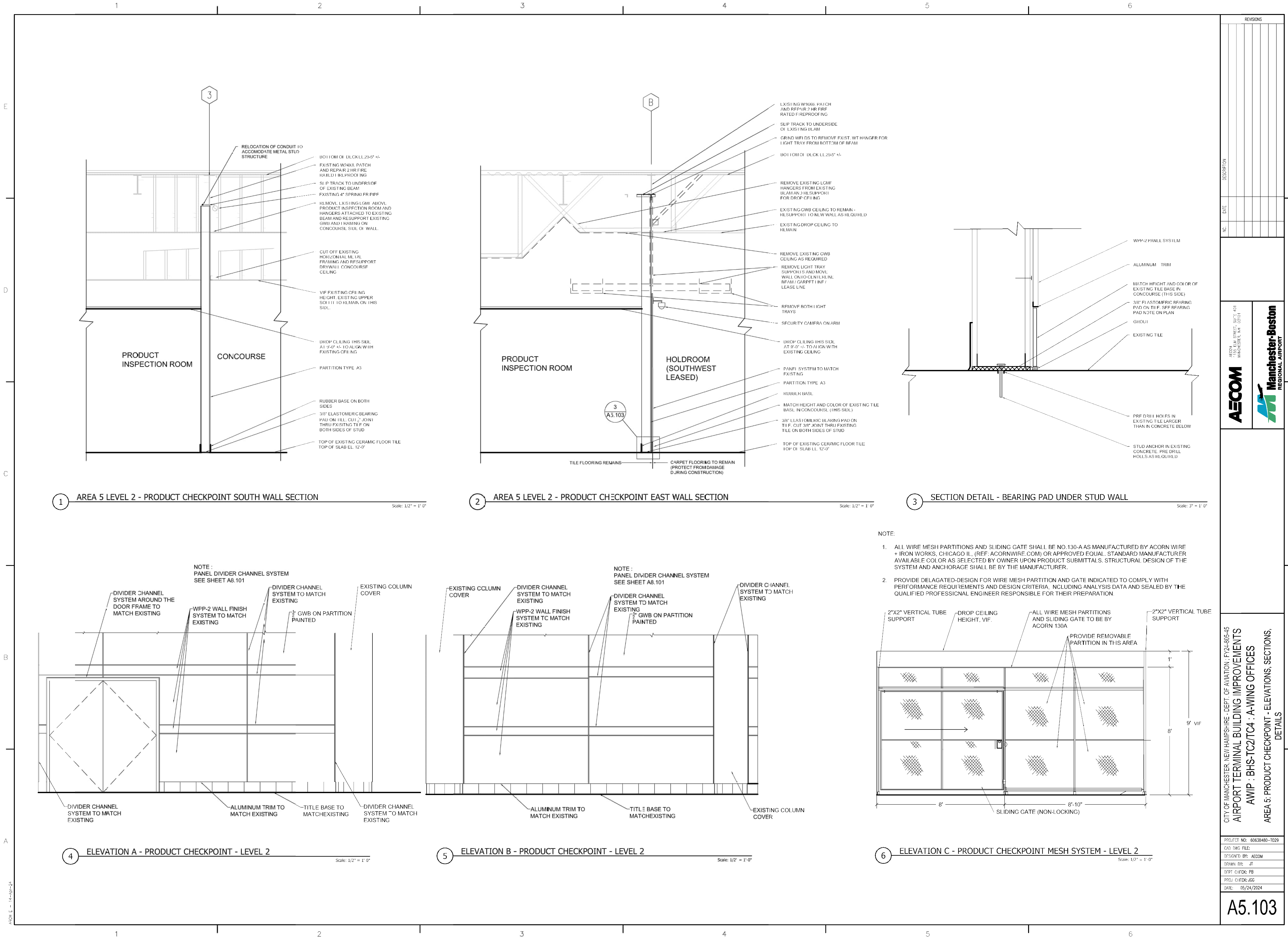
CITY OF MANCHESTER - NEW HAMPSHIRE - DEPT. OF AVIATION - FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 5: PRODUCT CHECKPOINT - LEVEL 2 DEMOLITION AND PROPOSED RCPS

PROJECT NO: 60638480-1029
CAD DWG FILE: AECOM
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: JTB
PROJ CHECK: JGG
DATE: 05/24/2024

A5.102

ASOT E - 14-47-24

1 2 3 4 5 6





REVISIONS

NO.	DATE	DESCRIPTION

PROJECT

7100 FLEMING STREET, SUITE 401

MANCHESTER, NH 03101

AECOM

PROJECT

7100 FLEMING STREET, SUITE 401

MANCHESTER, NH 03101

Manchester-Boston

REGIONAL AIRPORT

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-905-45

AIRPORT TERMINAL BUILDING IMPROVEMENTS

AWIP : BHS-TC2/TC4 : A-WING OFFICES

ELEVATIONS AND PARTITION TYPES

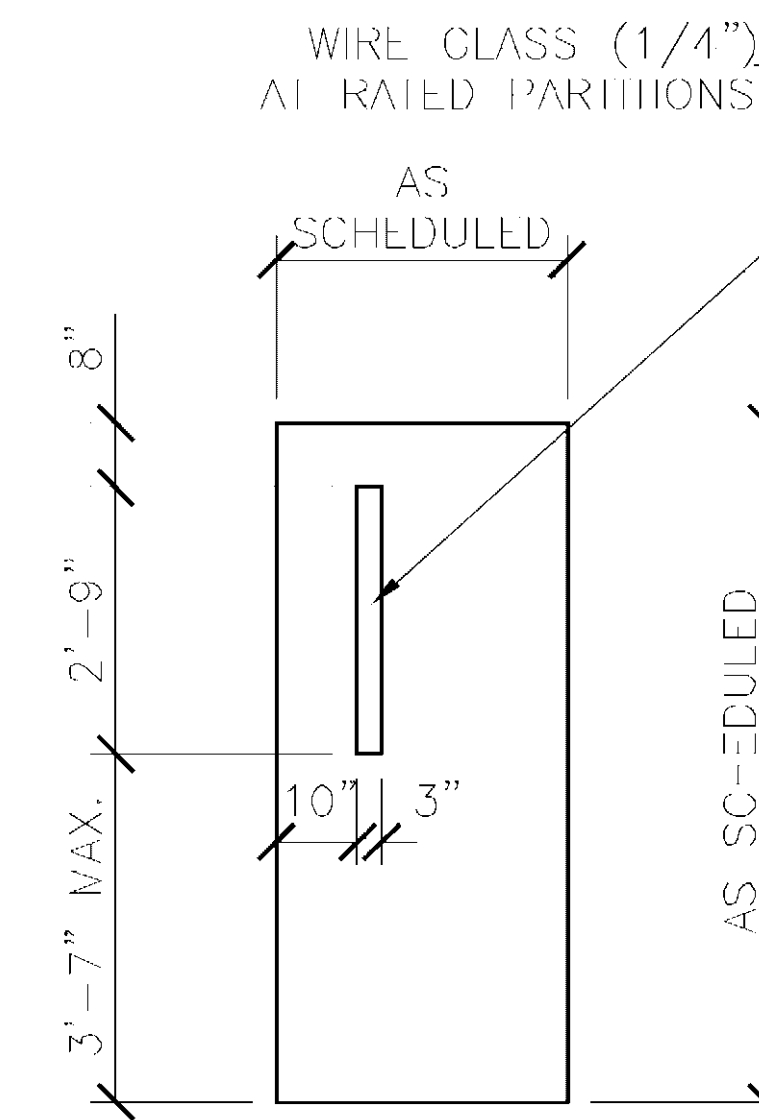
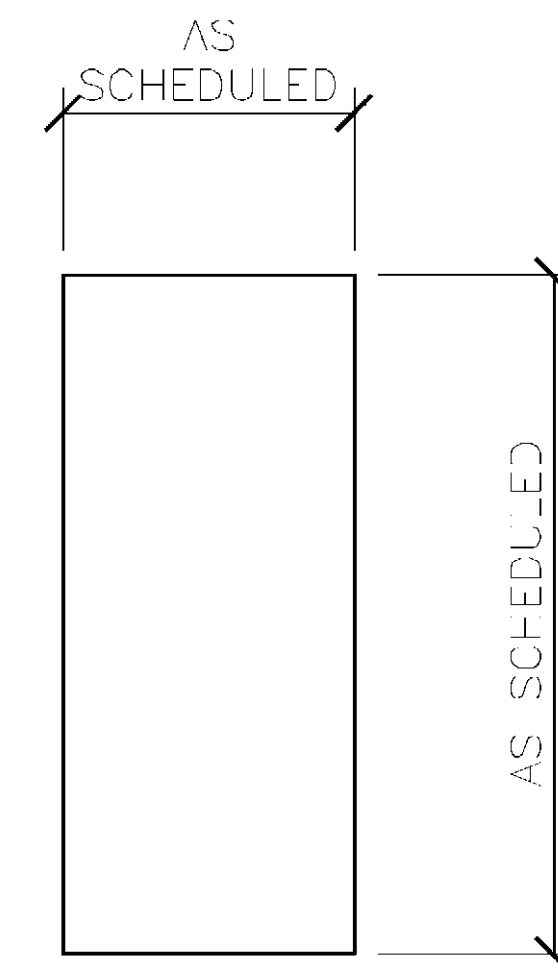
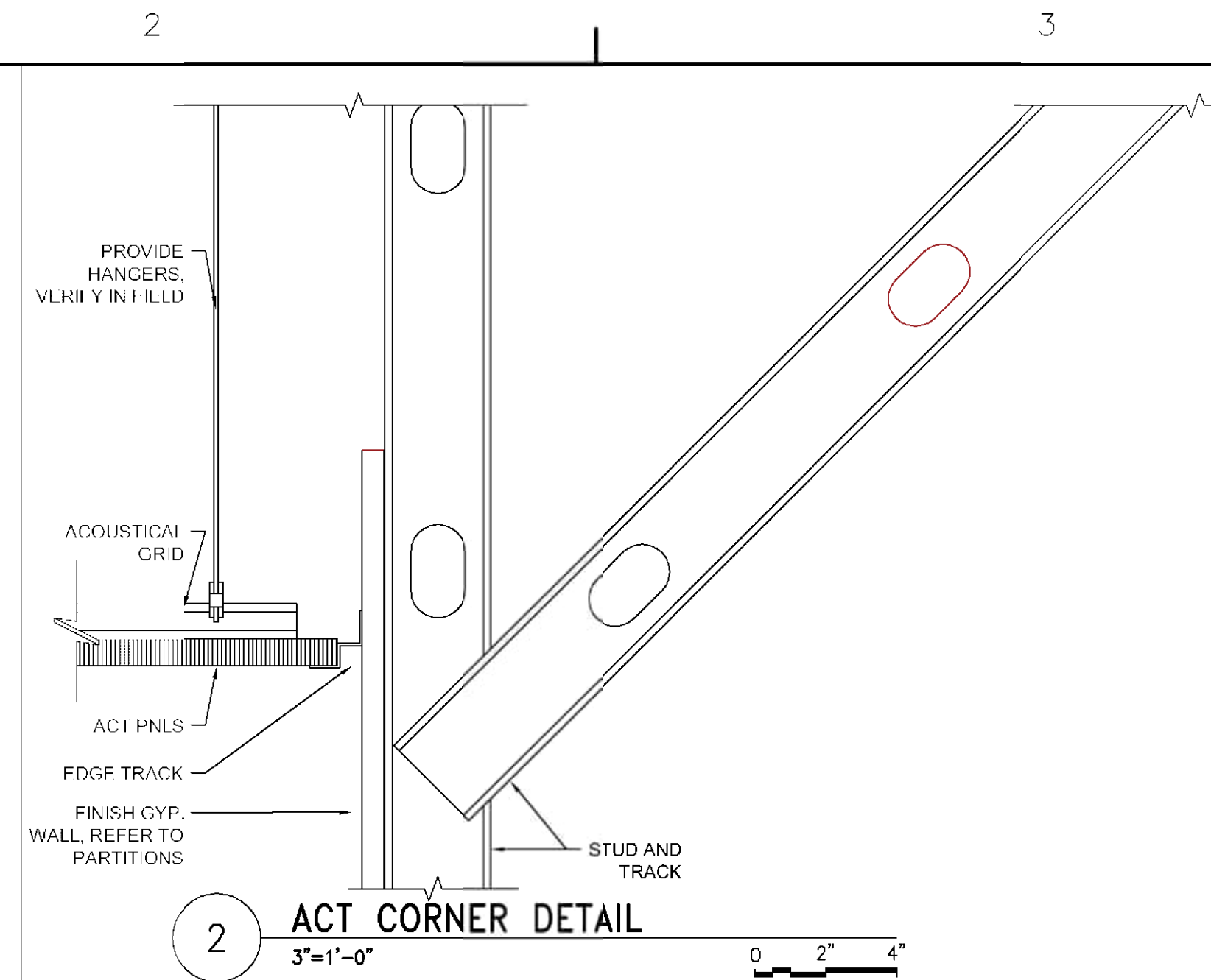
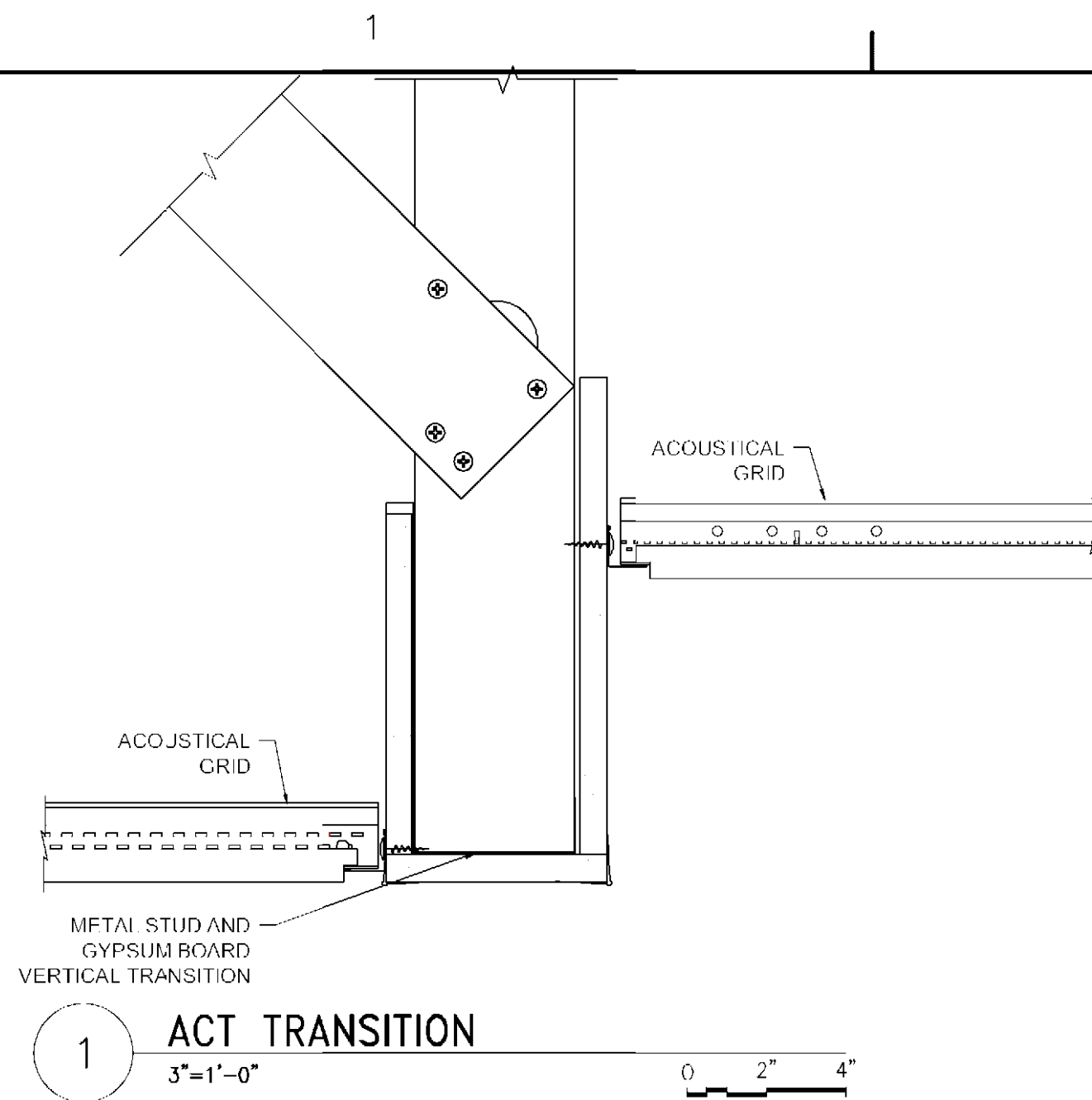
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CAD DRAW FILE:	
DESIGNED BY:	AECOM
DRAWN BY:	JT
DEPT. CHECK:	PB
PROJ. CHECK:	JGG
DATE:	05/24/2024

A6.102

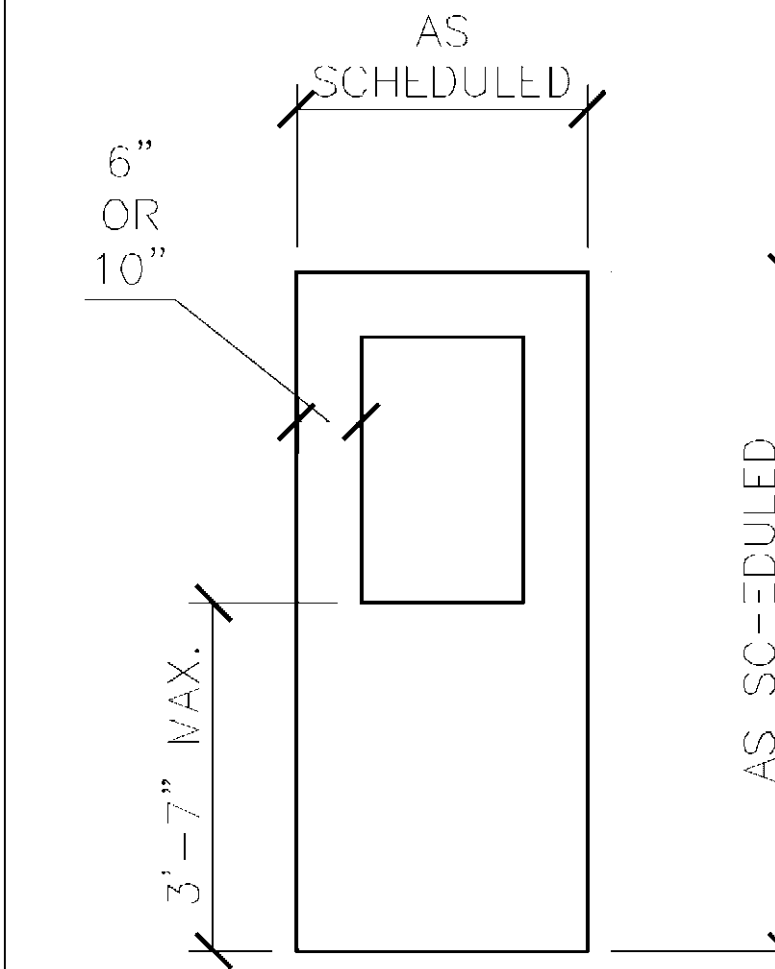
ARCH E - 14-Apr-24



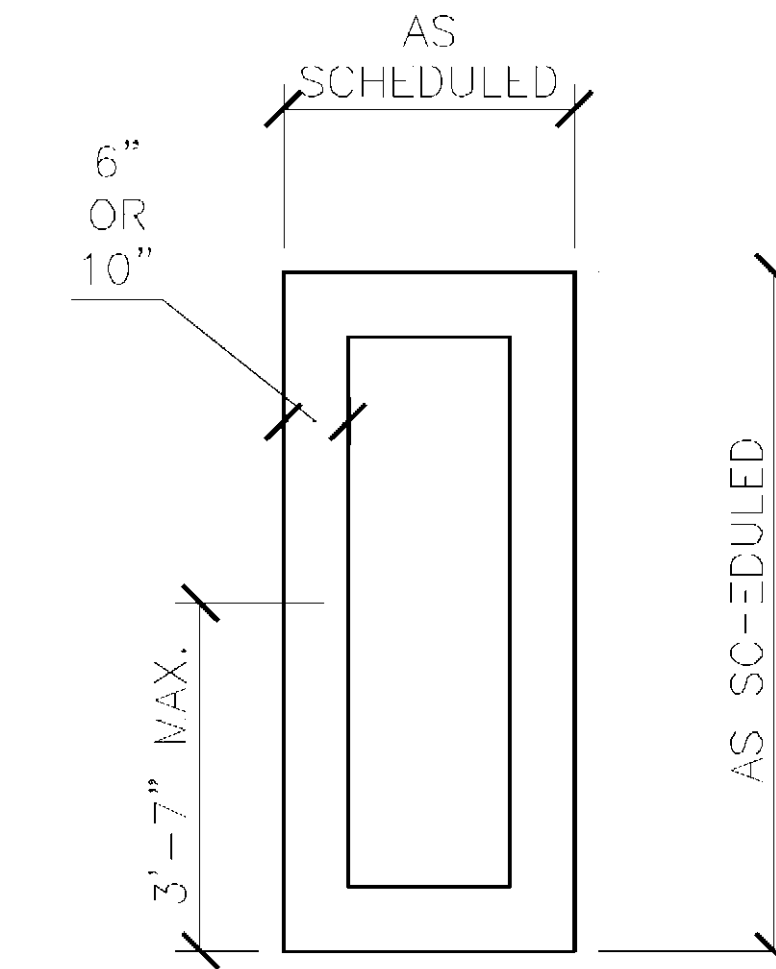
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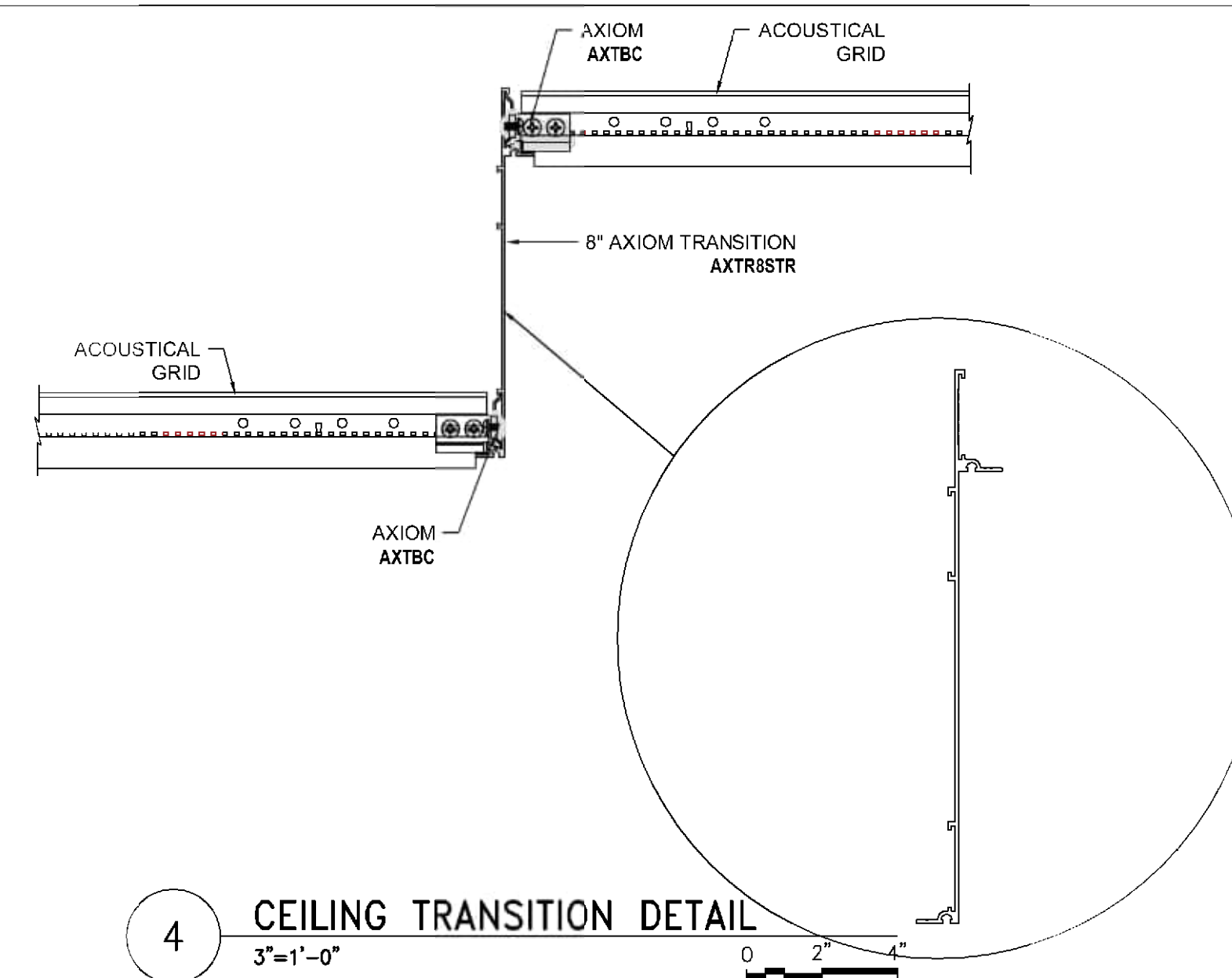
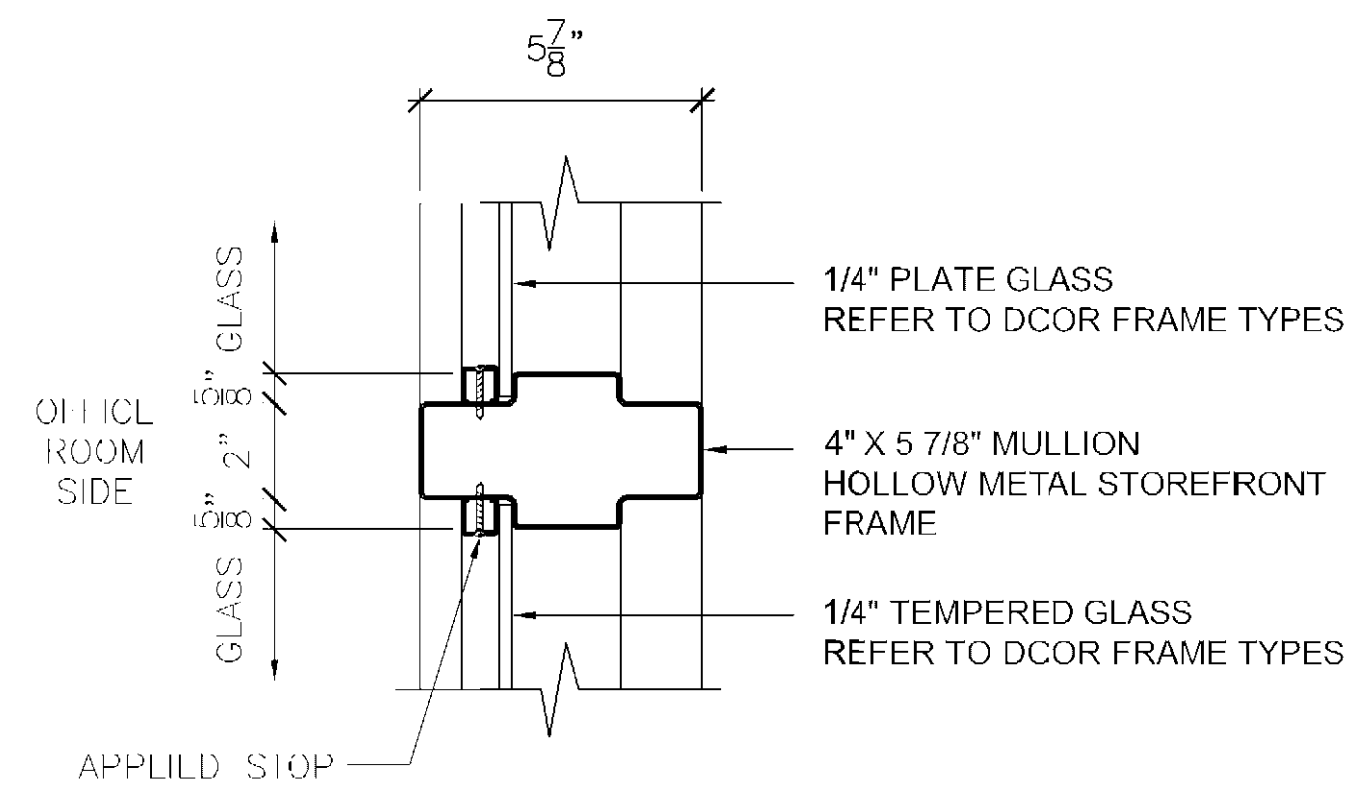
NOTE:
6" MINIMUM STILE @ H.M. DOORS



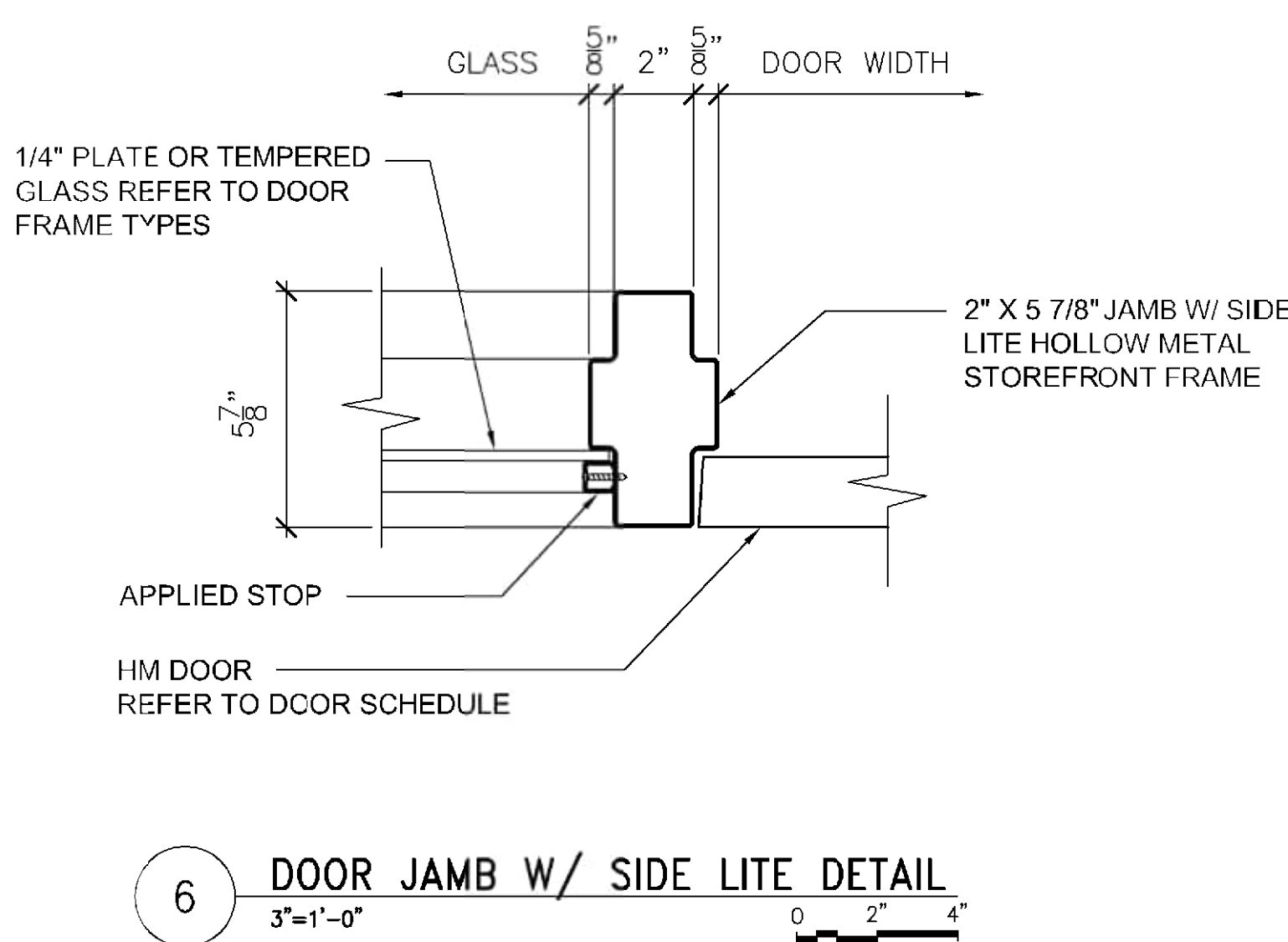
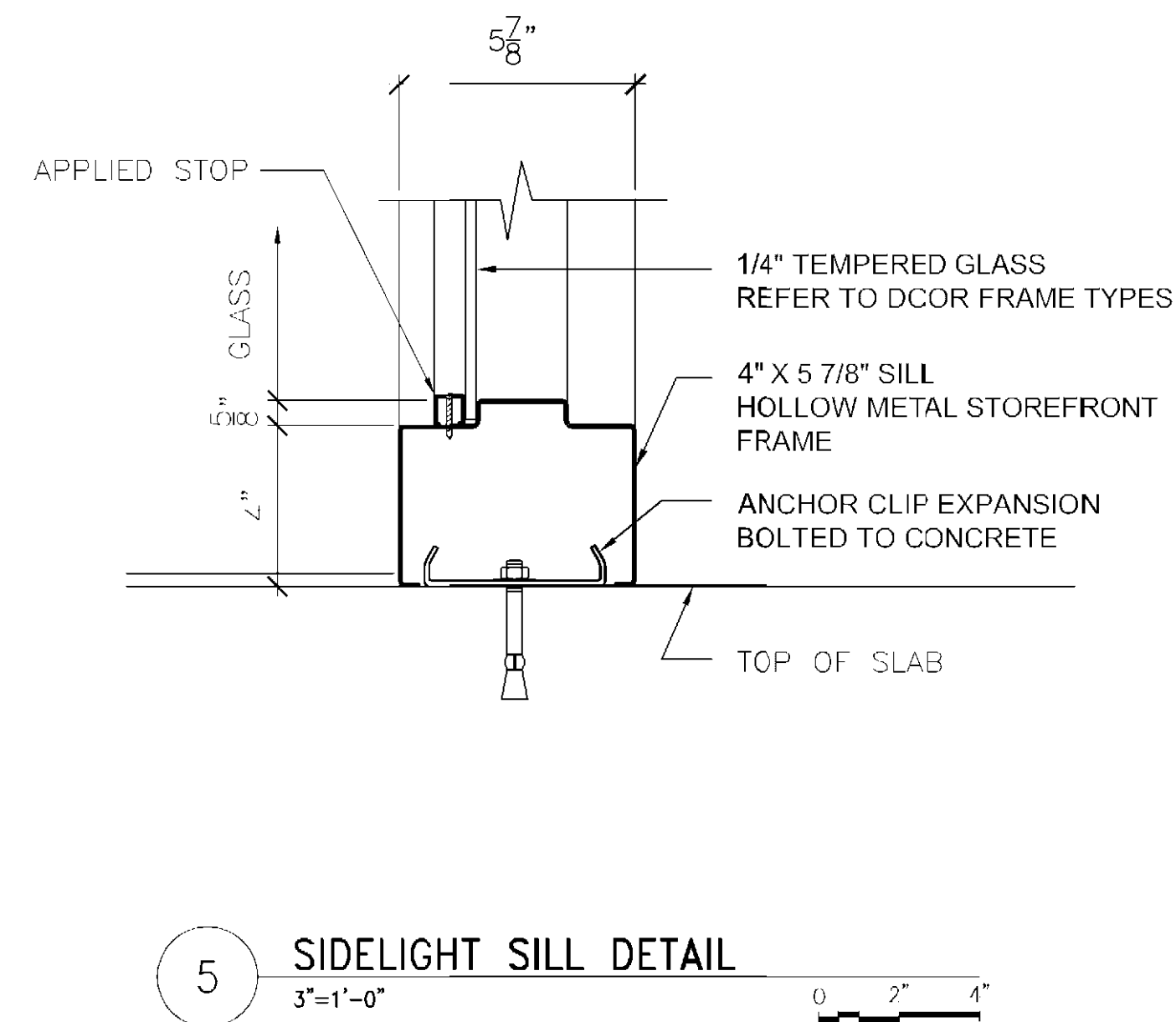
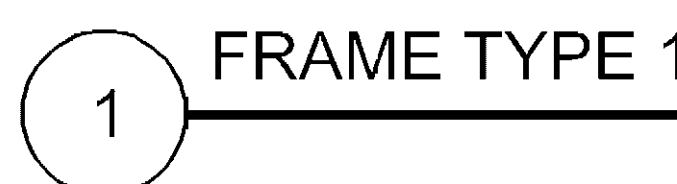
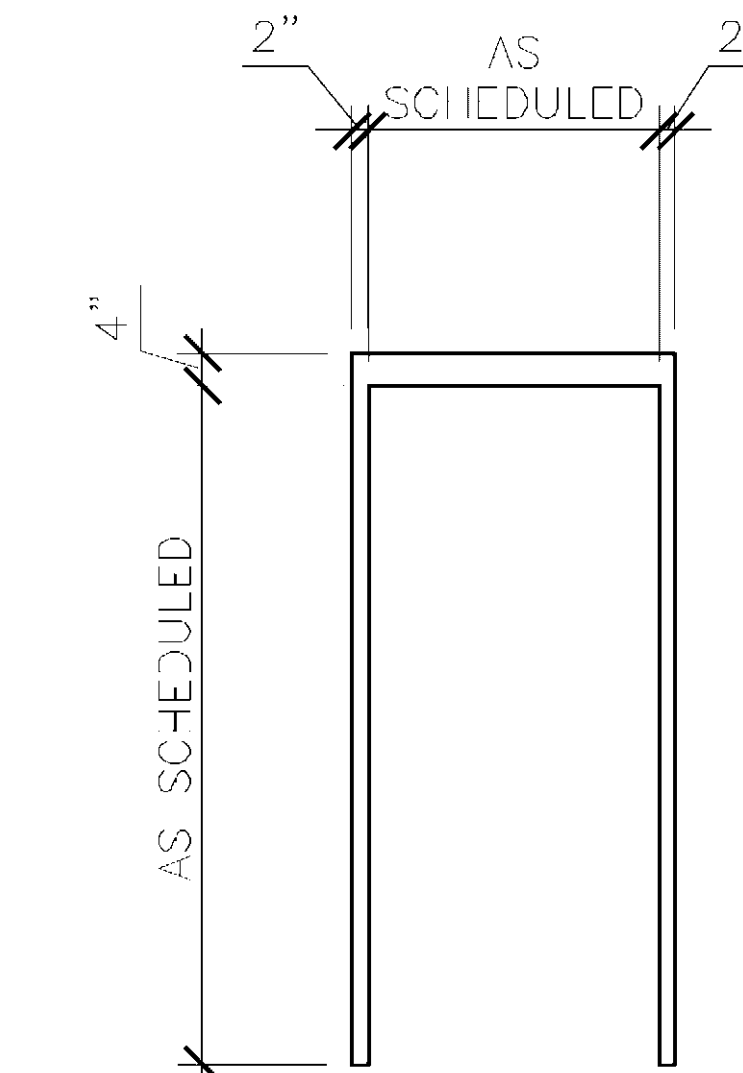
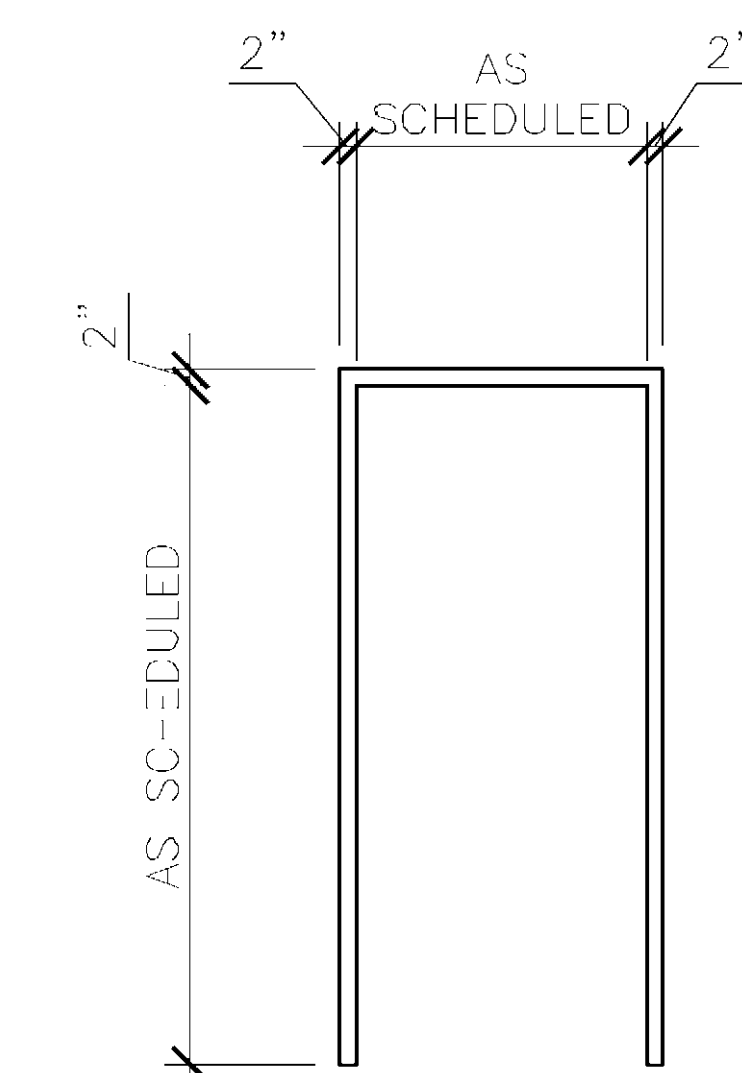
NOTE:
6" MINIMUM STILE @ H.M. DOORS



NOTE:
6" MINIMUM STILE @ H.M. DOORS



FRAME TYPES

[illegible]

AECOM
155 ELM STREET, SUITE 401
MANCHESTER, NH 03101



Manchester-Boston
REGIONAL AIRPORT

AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES

ELEVATIONS AND DETAILS

PROJECT NO: 60638480-T029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JT
DEPT CHECK: PB
PROJ CHECK: JGG
DATE: 05/24/2024

A7.103

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	CEILING	REMARKS
1220	CORRIDOR	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT	-
1225	BREAK ROOM	VCT NOTE 3	RB-1 NOTE 3	-	PTD-1 NOTE 1	-	PTD-1 NOTE 1	EXPOSED STRUCTURE	ONE COAT OF PRIMER
1224	STORAGE ROOM	-	-	-	PTD-1 NOTE 1	-	PTD-1	EXPOSED STRUCTURE	ONE COAT OF PRIMER
1100	INBOUND BAG	-	-	PTD-1 NOTE 1	-	-	-	EXPOSED STRUCTURE	-

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	CEILING	REMARKS
1170	VESTIBULE	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT	-
1171	CORRIDOR	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT	NOTE 1
1172	CLOSET	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	EXPOSED STRUCTURE	ONE COAT OF PRIMER
1173	CLOSET	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	EXPOSED STRUCTURE	ONE COAT OF PRIMER
1179	ISA TRAINING	CARPET	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT	-
1180	OFFICE	-	RB-1	PTD-1	-	-	-	-	NOTE 1
1200	BAGGAGE EQUIPMENT	-	-	PTD-1	-	PTD-1	-	EXPOSED STRUCTURE	-

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	CEILING	REMARKS
1200	BAGGAGE EQUIPMENT	-	-	PTD-1	-	-	-	EXPOSED STRUCTURE	AT VESTIBULE PARTITION, ONE COAT OF PRIMER
1139	VESTIBULE	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT	-
1163	CORRIDOR	VCT	RB-1	-	-	PTD-1	-	ACT	NOTE 1
1155	COMMON CORRIDOR	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT	-
1160	TRAINING ROOM	CPT-1	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT TO EXISTING ACT	-
1200	BOTH SIDE OF PARTITION AT DOOR 1200-1	-	-	PTD-1	PTD-1	PTD-1	PTD-1	-	-
1102	CORRIDOR	-	-	PTD-1	PTD-1	PTD-1	PTD-1	-	ONE COAT OF PRIMER
1100	OUTSIDE OF CORRIDOR PARTITION	-	-	PTD-1	PTD-1	PTD-1	PTD-1	-	-

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	CEILING	REMARKS
1021	SERVICE CORRIDOR	VCT	RB-1	-	PTD-1	PTD-1	-	ACT	-
1022	NEW OFFICE	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT	-
1023	BAG CLAIM	-	-	-	-	-	PTD-1	PAINT SOFFIT	-
1024	OVERSIZE BAGGAGE SERVICE ROOM	EXISTING TILE	RB-1	-	-	-	-	EXISTING ACT	-
1025	OFFICE	EXISTING TILE	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	EXISTING ACT - NOTE 2	-
1026	OFFICE	EXISTING TILE	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	EXISTING ACT-NOTE 2	-

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	CEILING	REMARKS
2088	CORRIDOR	-	-	-	-	PTD-1	-	-	NOTE 1
2090	VESTIBULE	-	-	-	-	PTD-1	-	-	NOTE 1
2095	PRODUCT CHECKPOINT ROOM	VCT	RB-1	PTD-1	PTD-1	PTD-1	PTD-1	ACT	-
2115	HOLDROOM	-	RB-1	PTD-1 & WPP-2	-	-	PTD-1 & WPP-2	-	-

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	CEILING	REMARKS
1910	LOCKER ROOM	-	RB-1	-	-	PTD-1	-	EXPOSED STRUCTURE	NOTE 1
1143	BAGGAGE EQUIPMENT	-	-	-	-	-	PTD-1	EXPOSED STRUCTURE	NOTE 1

ROOM FINISH SCHEDULE NOTES:

- AT NEW PARTITION AND PATCHES ONLY
- REWORK EXISTING CEILING TO ACCOMMODATE PARTITION AND STORAGE
- PRODUCT TO MATCH EXISTING INSTALLLED PRODUCT

FINISH NOTES:

PAINT AND COATINGS:

PTD-1
TYPE: PAINT
MANUF: SHERWIN WILLIAMS
COLOR: 1 COAT PRIMER & 2 COATS PAINT
COLOR: SWS011 NATURAL CHOICE GENERAL WALL PAINT

PTD-3
TYPE: PAINT
MANUF: SHERWIN WILLIAMS
COLOR: 1 COAT PRIMER & 2 COATS PAINT
COLOR: SWS011 NATURAL CHOICE GENERAL WALL PAINT

WALL FINISH SYSTEM:

WPP-2
TYPE: WALL PROTECTION PANELS
MANUF: IN PRO CORP
COLOR: 0242 CACTUS
GAUGE: .060

CONCOURSE DIVIDER PANEL CHANNELS:

ALUMINUM ALVLAL WALL J-CHANNEL IS 1/2" WIDE X 1/2" DEEP WITH 3/32" FLANGE EDGES

CORNER GUARD:

CORNER GUARD TO BE 48 x 3" x 3", 90 DEGREES,
14 GA. TYPE 304 SATIN #4 (BRUSHED) FINISH, STAINLESS STEEL WITH 1/8" RADIUS CORNER.
CONSTRUCTION ADHESIVE TO SECURE THE CORNER GUARD TO BE POLYURETHANE BASED CONSTRUCTION ADHESIVE.
CLIP SURFACE PRIOR TO INSTALLATION OF CORNER GUARD.

RESILIENT BASE:

RB-1
TYPE: RESILIENT BASE
MANUF: JOHNSONITE
SERIES: TO MATCH EXISTING BASE
(NOTE: CONCOURSE AREAS TO MATCH HEIGHT OF EXISTING TILL BASE APPROX. 8" VII)

RESILIENT FLOORING:

VCT TO MATCH EXISTING
TO BE BY ARMS TRON ON APPROVED EQUAL

CEILING:

ACT SYSTEMS TO MATCH EXISTING ACT SYSTEM

ACT-1
2X2 ACOUSTICAL CEILING TILE

ACT-2
4X4 ACOUSTICAL CEILING TILE

MAIN AND CROSS RUNNERS AND FINISH TO MATCH EXISTING

CARPET:

CPT-1
TYPE: CARPET TILES
MANUF: J&J FLOORING
SERIES: CUTPITTER 7004
COLOR: TR COT 2395
SIZE: 18X36

GLASS FILM TYPE:

NOTE: SUBMIT GLASS FILM TYPE 1 AND 2 FOR OWNER'S FINAL DECISION ON TYPE AND LOCATION TO BE APPLIED.

GILM TYPE 1
TYPE: GLASS DECORATION FILM WITH SILVER ETCHED GLASS EFFECT
MANUF: ASLAN EL 302 (OR APPROVED EQUAL)
MATERIAL: PVC
THICKNESS: 80 UIM
ADHESIVE: ACRYLIC PRESSURE ADHESIVE
RELEASE LINER: PE - COATED SILICON CARDBOARD (BOTH SIDES MINTED)

GILM TYPE 2
TYPE: GLASS DECORATION FILM WITH MILK GLASS EFFECT
MANUF: ASLAN EL 210 (OR APPROVED EQUAL)
MATERIAL: PVC
THICKNESS: 80 UIM
ADHESIVE: ACRYLIC PRESSURE ADHESIVE
RELEASE LINER: PE - COATED SILICON CARDBOARD (BOTH SIDES MINTED)

REVISIONS

DESCRIPTION

DATE

NO.

PROJECT NO: 60638480-1029

CAD FILE: 60638480-1029

DESIGNED BY: AECOM

DRAWN BY: JT

CHECKED BY: PB

PROJ. CHECK: JGG

DATE: 05/24/2024

CITY OF MANCHESTER NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-905-45

AIRPORT TERMINAL BUILDING IMPROVEMENTS

AWIP : BHS-TC2/TC4 : A-WING OFFICES

ROOM FINISH SCHEDULE

A8.101

E

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A

AS01 E - 14-07-24

LEVEL 1 - AREA 1 - DOOR SCHEDULE																				
ACS DOOR NO	CONSI DOOR NO	FROM (LOCKS/IDL)	TO	DOOR					FRAME					FIRE RATING	JAMB	HEAD	THRESH	SECURITY TYPL	HARDWARE SLT	REMARKS
				WIDTH	HT	TYPL	MAT	FIN	TYPL	PROFILL	DEPTH	MAT	FIN							
1224-1	1224-1	INBOUND BAG	STORAGE ROOM	3'-6"	7'-0"	I	HM	P1D	2	-	0"	HM	P1D	90 MIN	J2	H2	I1	-	HW-02	-
1225-1	1225-1	CORRIDOR	BRKAK ROOM	6'-0"	7'-0"	I1	HM	P1D	1	-	5/8"	HM	P1D	-	J1	H1	I0	-	HW-00	RELOCATED DOOR

LEVEL 1 - AREA 2 - DOOR SCHEDULE																				
ACS DOOR NO	CONSI DOOR NO	FROM (LOCKS/IDL)	IO	DOOR					FRAME					FIR RATING	JAMB	HEAD	THRESH	SECURITY TYPL	HARDWARE SLT	REMARKS
				WIDTH	HT	TYPL	MAT	FIN	TYPL	PROFIL	DEPTH	MAT	FIN							
1170-1	1170-1	LOCKING HALL	VLSH BULL	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I0	-	HW-03	-
1170-2	1170-2	VLSH BULL	BAGGAGL EQUIP. ROOM (SIDA)	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I0	-	HW-14	-
1172	1172	CORRIDOR	CLOS. I	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I0	-	HW-04	180 DLGRLLS SWING
1173	1173	CORRIDOR	CLOS. I	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I0	-	HW-04	180 DLGRLLS SWING
1179	1179	CORRIDOR	ISA TRAINING	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I2	-	HW-05	-

LEVEL 1 - AREA 3 - DOOR SCHEDULE																				
ACS DOOR NO	CONSI DOOR NO	FROM (LOCK/SIDE)	IO	DOOR					FRAME				FIRE RATING	JAMB	HEAD	THRESH	SECURITY TYPL	HARDWARE SLT	REMARKS	
				WIDTH	HT	TYPL	MAT	FIN	TYPL	PROF/ILL	DEPTH	MAT								FIN
1130-1	1130-1	TICKETING HALL	VLSH BULL	4'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I0	-	HW-03	NOIL 5
1130-3	1130-3	VLSH BULL	CORRIDOR	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	-	J1	H2	I0	-	HW-06	FIRE ALARM HOLD OPEN
1160-1	1160-1	CORRIDOR	TRAINING ROOM	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I2	-	HW-09	-
1160-2	1160-2	CORRIDOR	TRAINING ROOM	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I2	-	HW-07	-
1200-1	1200-1	BAGGAG EQUIPMNT	BAGGAG EQUIPMNT	3'-6"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	-	J2	H2	I0	-	HW-07	-
1202-1	1202-1	BAGGAG EQUIPMNT	CORRIDOR	3'-6"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	90 MIN	J3	H3	I0	-	HW-07	-
1202-2	1202-2	CORRIDOR	OUTBOUND BAGGAG	3'-6"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I0	-	HW-07	-
1202-3	1202-3	CORRIDOR	OUTBOUND BAGGAG	3'-6"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I0	-	HW-07	-
1202-4	1202-4	CORRIDOR	OUTBOUND BAGGAG	3'-0"	7'-0"	I	HM	P1D	2	-	5/8"	HM	P1D	45 MIN	J4	H4	I0	-	HW-01	-

LEVEL 1 - AREA 4 - DOOR SCHEDULE																				
ACS DOOR NO	CONSI DOOR NO	FROM (LOCKS/IDL)	TO	DOOR					FRAME					FIRE RATING	JAMB	HEAD	THRESH	SECURITY TYPL	HARDWARE SLT	REMARKS
				WIDTH	HT	TYPL	MAT	FIN	TYPL	PROFILL	DEPTH	MAT	FIN							
1025-1	1025-1	BAG CLAIM	OFFICE 1025	3'-0"	7'-0"	H	ALUGL	NOIL 3	1	-	4 1/2"	ALUM	NOIL 3	-	NOIL 1	NOIL 1	NOIL 1	-	HW-10	-
1025-2	1025-2	OFFICE 1025	OFFICE 1026	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	-	J1	H1	I0	-	HW-11	-
1026-1	1026-1	OVERSIZED BAGGAGE SERVICE ROOM	MANAGL OFFICE 1026	3'-0"	7'-0"	H	ALUGL	NOIL 3	1	-	4 1/2"	ALUM	NOIL 3	-	NOIL 1	NOIL 1	NOIL 1	-	HW-10	-

LEVEL 2 - AREA 5 - DOOR SCHEDULE																				
ACS DOOR NO	CONS1 DOOR NO	FROM (LOCKS/IDL)	TO	DOOR					FRAME					FIRE RATING	JAMB	HEAD	THRESH	SECURITY TYPL	HARDWARE SLT	REMARKS
				WIDTH	HT	TYPL	MAT	FIN	TYPL	PROFILL	DEPTH	MAT	FIN							
2095-1	2095-1	HOLDROOM	PRODUCT CHLOROPHENE ROOM	7'-0"	7'-0"	I1	HM	P1D	1	-	5/8"	HM	P1D	45 MIN	J2	H2	I3	-	HW-12	-

LEVEL 1 - AREA 6 - DOOR SCHEDULE																				
ACS DOOR NO	CONSI DOOR NO	I ROM (LOCKS/IDL)	IO	DOOR					FRAME					FIRE RATING	JAMB	HEAD	THRESH	SECURITY TYPL	HARDWARE SLT	REMARKS
				WIDTH	HT	TYPL	MAT	FIN	TYPL	PROFILL	DEPTH	MAT	FIN							
1910-1	1910-1	BAGGAGE EQUIPMENT	LOCKER ROOM	3'-0"	7'-0"	I	HM	P1D	1	-	5/8"	HM	P1D	-	J1	H1	I0	-	HW-15	-

- DOOR SCHEDULE NOTES:
- SEE DETAIL 1 & 2/A7.102
 - SEE DETAIL 6/A5.103
 - ANODIZED ALUMINUM FINISH TO MATCH EXISTING FINISH
 - INSTALL SALVAGE DOOR AND FRAME WITH HARDWARE MODIFICATIONS
 - THE CONTRACTOR SHALL TAKE APPROPRIATE CARE NOT TO DAMAGE THE EXISTING ELECTRIFIED SECURITY STRIKE COMPONENTS AND WIRING THAT ARE TO BE SALVAGE TO OWNER FOR REINSTALLATION BY OTHERS ONTO THE NEW DOOR. CONTRACTOR SHALL PRE-COORDINATE ALL WORK ACCORDINGLY TO FACILITATE TIMELY AND SEAMLESS INSTALLATION TO MAINTAIN SECURITY INTEGRITY.

GENERAL NOTES:

- FOR DOOR TYPES, FRAME TYPES, HEAD DETAILS, JAMB DETAILS, AND THRESHOLD DETAILS, SEE SHEETS A7.102 AND A7.103.

STANDARD STEEL DOORS

EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY, STANDARD STEEL DOORS, 1-3/4" THICK WITH MINIMUM 14 GAUGE SHEET THICKNESS. TOP AND BOTTOM EDGES SHALL BE CLOSED FLUSH. PROVIDE WEEP HOLES IN BOTTOM EDGE. SEAL JOINTS AT TOP AND BOTTOM EDGES. PROVIDE MANUFACTURER'S STANDARD THERMAL-RATED CORES.

INTERIOR DOORS SHALL BE HEAVY DUTY, STANDARD STEEL DOORS, 1-3/4" THICK WITH MINIMUM 16 GAUGE SHEET THICKNESS. TOP AND BOTTOM EDGES SHALL HAVE MANUFACTURER'S STANDARD EDGE CHANNELS. CORES SHALL BE MANUFACTURER'S STANDARD CRAFT-PAPER HONEYCOMB OR POLYSTYRENE CORES.

PROVIDE FIRE-RATED CORES AS REQUIRED.

REINFORCE DOORS FOR HARDWARE INSTALLATION.

PROVIDE MANUFACTURER'S STANDARD SHOP-PRIMED FINISH ON DOORS AND FRAMES.

STANDARD STEEL FRAMES

ALL DOOR FRAMES SHALL BE FULL PROFILE WELDED FRAMES, WITH REINFORCEMENT FOR DOOR HARDWARE.

EXTERIOR DOOR FRAMES SHALL BE MINIMUM 14 GAUGE. INTERIOR DOOR FRAMES SHALL BE MINIMUM 16 GAUGE.

PROVIDE MANUFACTURER'S STANDARD ANCHORS FOR PARTITIONS INDICATED INCLUDING FLOOR ANCHORS.

PROVIDE DOOR SILENCERS.

REVISIONS

DESCRIPTION

DATE

NO.

PROJECT NO: 60638480-1029

CAD FILE: FILE

DESIGNED BY: AECOM

DRAWN BY: JT

DEPT CHECK: PB

PROJECT: A8.102

DATE: 05/24/2024

CITY OF MANCHESTER NEW HAMPSHIRE - DEPT. OF AVIATION - FY24-2025-45

AIRPORT TERMINAL BUILDING IMPROVEMENTS

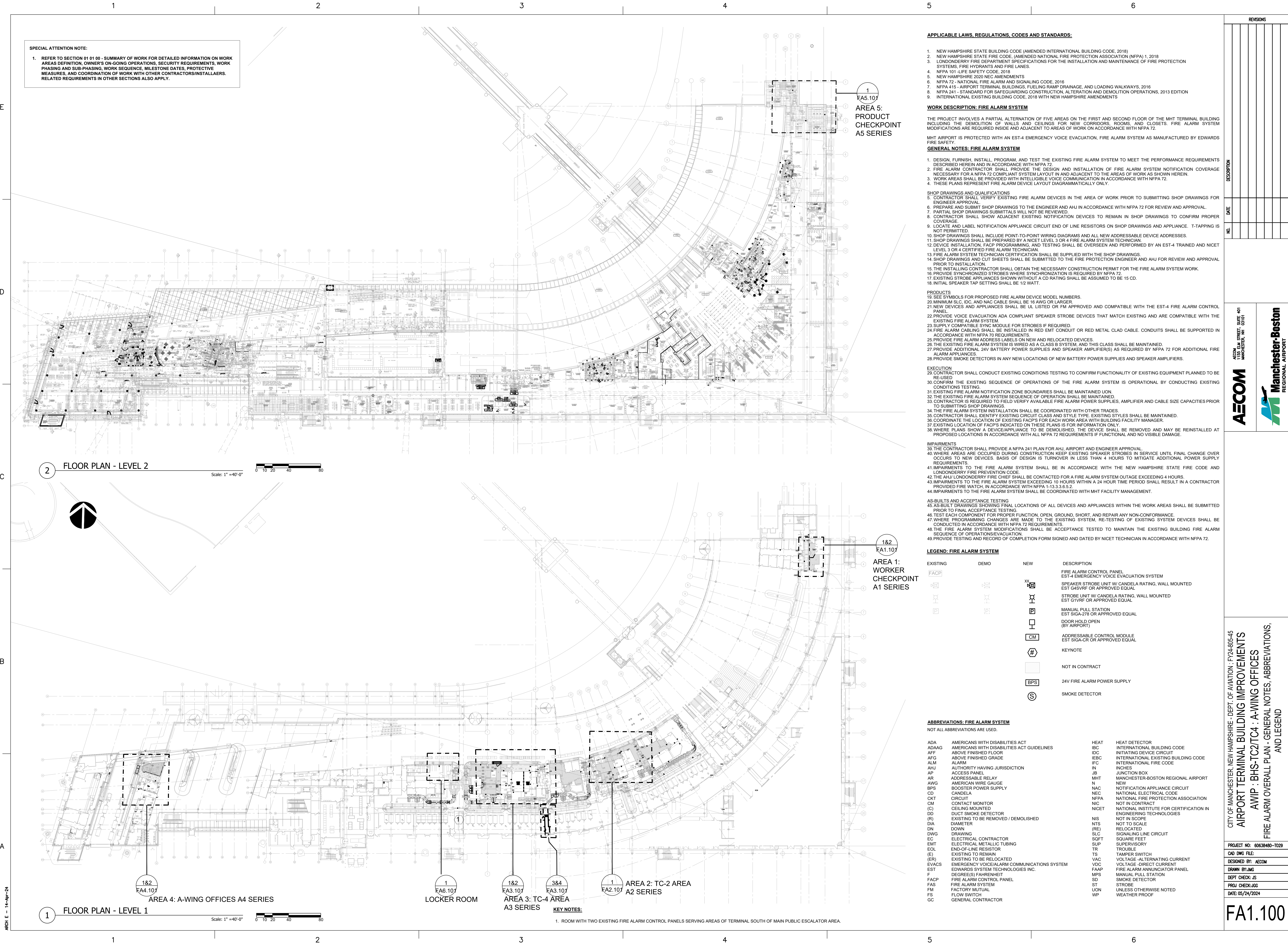
AWIP : BHS-TC2/TC4 : A-WING OFFICES

DOOR SCHEDULE

AECOM

PROJECT: 455 NEW STREET, SUITE 401
MANCHESTER, NH 03101

Manchester Boston
REGIONAL AIRPORT



SPECIAL ATTENTION NOTE:

1. REFER TO SECTION 01 01 00 - SUMMARY OF WORK FOR DETAILED INFORMATION ON WORK AREAS DEFINITION, OWNERS ON-GOING OPERATIONS, SECURITY REQUIREMENTS, WORK PHASING AND SUB-PHASING, WORK SEQUENCE, MILESTONE DATES, PROTECTIVE MEASURES, AND COORDINATION OF WORK WITH OTHER CONTRACTORS/INSTALLERS. RELATED REQUIREMENTS IN OTHER SECTIONS ALSO APPLY.

APPLICABLE LAWS, REGULATIONS, CODES AND STANDARDS:

1. NEW HAMPSHIRE STATE BUILDING CODE (AMENDED INTERNATIONAL BUILDING CODE, 2018)
2. NEW HAMPSHIRE STATE FIRE CODE (AMENDED NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 1, 2018)
3. LONDONDERRY FIRE DEPARTMENT SPECIFICATIONS FOR THE INSTALLATION AND MAINTENANCE OF FIRE PROTECTION SYSTEMS, FIRE HYDRANTS AND FIRE LANES.
4. NFPA 101-LIFE SAFETY CODE, 2018
5. NEW HAMPSHIRE 2020 NEC AMENDMENTS
6. NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE, 2016
7. NFPA 415 - AIRPORT TERMINAL BUILDINGS, FUELING RAMP DRAINAGE, AND LOADING WALKWAYS, 2016
8. NFPA 241 - STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS, 2013 EDITION
9. INTERNATIONAL EXISTING BUILDING CODE, 2018 WITH NEW HAMPSHIRE AMENDMENTS

WORK DESCRIPTION: FIRE ALARM SYSTEM

THE PROJECT INVOLVES A PARTIAL ALTERATION OF FIVE AREAS ON THE FIRST AND SECOND FLOOR OF THE MHT TERMINAL BUILDING INCLUDING THE DEMOLITION OF WALLS AND CEILINGS FOR NEW CORRIDORS, ROOMS, AND CLOSETS. FIRE ALARM SYSTEM MODIFICATIONS ARE REQUIRED INSIDE AND ADJACENT TO AREAS OF WORK IN ACCORDANCE WITH NFPA 72.

MHT AIRPORT IS PROTECTED WITH AN EST-4 EMERGENCY VOICE EVACUATION, FIRE ALARM SYSTEM AS MANUFACTURED BY EDWARDS FIRE SAFETY.

GENERAL NOTES: FIRE ALARM SYSTEM

1. DESIGN, FURNISH, INSTALL, PROGRAM, AND TEST THE EXISTING FIRE ALARM SYSTEM TO MEET THE PERFORMANCE REQUIREMENTS DESCRIBED HEREIN AND IN ACCORDANCE WITH NFPA 72
2. FIRE ALARM CONTRACTOR SHALL PROVIDE THE DESIGN AND INSTALLATION OF FIRE ALARM SYSTEM NOTIFICATION COVERAGE NECESSARY FOR A NFPA 72 COMPLIANT SYSTEM LAYOUT IN AND ADJACENT TO THE AREAS OF WORK AS SHOWN HEREIN.
3. WORK AREAS SHALL BE PROVIDED WITH INTELIGIBLE VOICE COMMUNICATION IN ACCORDANCE WITH NFPA 72
4. THESE PLANS REPRESENT FIRE ALARM DEVICE LAYOUT DIAGRAMMATICALLY ONLY.

- SHOP DRAWINGS AND QUALIFICATIONS
5. CONTRACTOR SHALL VERIFY EXISTING FIRE ALARM DEVICES IN THE AREA OF WORK PRIOR TO SUBMITTING SHOP DRAWINGS FOR ENGINEER APPROVAL
 6. PREPARE AND SUBMIT SHOP DRAWINGS TO THE ENGINEER AND AHJ IN ACCORDANCE WITH NFPA 72 FOR REVIEW AND APPROVAL.
 7. PARTIAL SHOP DRAWINGS SUBMITTALS WILL NOT BE REVIEWED.
 8. CONTRACTOR SHALL SHOW ADJACENT EXISTING NOTIFICATION DEVICES TO REMAIN IN SHOP DRAWINGS TO CONFIRM PROPER COVERAGE.
 9. LOCATE AND LABEL NOTIFICATION APPLIANCE CIRCUIT END OF LINE RESISTORS ON SHOP DRAWINGS AND APPLIANCE. T-TAPPING IS NOT PERMITTED.
 10. SHOP DRAWINGS SHALL INCLUDE POINT-TO-POINT WIRING DIAGRAMS AND ALL NEW ADDRESSABLE DEVICE ADDRESSES.
 11. SHOP DRAWINGS SHALL BE PREPARED BY A NICET LEVEL 3 OR 4 FIRE ALARM SYSTEM TECHNICIAN.
 12. DEVICE INSTALLATION, FACT PROGRAMMING, AND TESTING SHALL BE OVERSEEN AND PERFORMED BY AN EST-4 TRAINED AND NICET LEVEL 3 OR 4 CERTIFIED FIRE ALARM TECHNICIAN.
 13. FIRE ALARM SYSTEM TECHNICIAN CERTIFICATION SHALL BE SUPPLIED WITH THE SHOP DRAWINGS.
 14. SHOP DRAWINGS AND CUT SHEETS SHALL BE SUBMITTED TO THE FIRE PROTECTION ENGINEER AND AHJ FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 15. THE INSTALLING CONTRACTOR SHALL OBTAIN THE NECESSARY CONSTRUCTION PERMIT FOR THE FIRE ALARM SYSTEM WORK.
 16. PROVIDE SYNCHRONIZED STROBES WHERE SYNCHRONIZATION IS REQUIRED BY NFPA 72.
 17. EXISTING STROBE APPLIANCES SHOWN WITHOUT A CD RATING SHALL BE ASSUMED TO BE 15 CD.
 18. INITIAL SPEAKER TAP SETTING SHALL BE 1/2 WATT.

- PRODUCTS
19. SEE SYMBOLS FOR PROPOSED FIRE ALARM DEVICE MODEL NUMBERS.
 20. MINIMUM SLC, IDC, AND NAC CABLE SHALL BE 16 AWG OR LARGER.
 21. NEW DEVICES AND APPLIANCES SHALL BE UL LISTED OR FM APPROVED AND COMPATIBLE WITH THE EST-4 FIRE ALARM CONTROL PANEL.
 22. PROVIDE VOICE EVACUATION ADA COMPLIANT SPEAKER STROBE DEVICES THAT MATCH EXISTING AND ARE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM.
 23. SUPPLY COMPATIBLE SYNC MODULE FOR STROBES IF REQUIRED.
 24. FIRE ALARM CABLING SHALL BE INSTALLED IN RED EMT CONDUIT OR RED METAL CLAD CABLE. CONDUITS SHALL BE SUPPORTED IN ACCORDANCE WITH NFPA 70 REQUIREMENTS.
 25. PROVIDE FIRE ALARM ADDRESS LABELS ON NEW AND RELOCATED DEVICES.
 26. THE EXISTING FIRE ALARM SYSTEM IS WIRED AS A CLASS B SYSTEM, AND THIS CLASS SHALL BE MAINTAINED.
 27. PROVIDE ADDITIONAL 24V BATTERY POWER SUPPLIES AND SPEAKER AMPLIFIER(S) AS REQUIRED BY NFPA 72 FOR ADDITIONAL FIRE ALARM APPLIANCES.
 28. PROVIDE SMOKE DETECTORS IN ANY NEW LOCATIONS OF NEW BATTERY POWER SUPPLIES AND SPEAKER AMPLIFIERS.

- EXECUTION
29. CONTRACTOR SHALL CONDUCT EXISTING CONDITIONS TESTING TO CONFIRM FUNCTIONALITY OF EXISTING EQUIPMENT PLANNED TO BE RE-USED
 30. CONFIRM THE EXISTING SEQUENCE OF OPERATIONS OF THE FIRE ALARM SYSTEM IS OPERATIONAL BY CONDUCTING EXISTING CONDITIONS TESTING
 31. EXISTING FIRE ALARM NOTIFICATION ZONE BOUNDARIES SHALL BE MAINTAINED UON.
 32. THE EXISTING FIRE ALARM SYSTEM SEQUENCE OF OPERATION SHALL BE MAINTAINED.
 33. CONTRACTOR IS REQUIRED TO FIELD VERIFY AVAILABLE FIRE ALARM POWER SUPPLIES, AMPLIFIER AND CABLE SIZE CAPACITIES PRIOR TO SUBMITTING SHOP DRAWINGS.
 34. THE FIRE ALARM SYSTEM INSTALLATION SHALL BE COORDINATED WITH OTHER TRADES.
 35. CONTRACTOR SHALL IDENTIFY EXISTING CIRCUIT CLASS AND STYLE TYPE. EXISTING STYLES SHALL BE MAINTAINED.
 36. COORDINATE THE LOCATION OF EXISTING FACPS FOR EACH WORK AREA WITH BUILDING FACILITY MANAGEMENT.
 37. EXISTING LOCATION OF FACPS INDICATED ON THESE PLANS IS FOR INFORMATION ONLY.
 38. WHERE PLANS SHOW A DEVICE/APPLIANCE TO BE DEMOLISHED, THE DEVICE SHALL BE REMOVED AND MAY BE REINSTALLED AT PROPOSED LOCATIONS IN ACCORDANCE WITH ALL NFPA 72 REQUIREMENTS IF FUNCTIONAL AND NO VISIBLE DAMAGE.

- IMPAIRMENTS
39. THE CONTRACTOR SHALL PROVIDE A NFPA 241 PLAN FOR AHJ, AIRPORT AND ENGINEER APPROVAL.
 40. WHERE AREAS ARE OCCUPIED DURING CONSTRUCTION KEEP EXISTING SPEAKER STROBES IN SERVICE UNTIL FINAL CHANGE OVER OCCURS TO NEW DEVICES. BASIS OF DESIGN IS TURNOVER IN LESS THAN 4 HOURS TO MITIGATE ADDITIONAL POWER SUPPLY REQUIREMENTS.
 41. IMPAIRMENTS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE NEW HAMPSHIRE STATE FIRE CODE AND LONDONDERRY FIRE PREVENTION CODE.
 42. THE AHJ LONDONDERRY FIRE CHIEF SHALL BE CONTACTED FOR A FIRE ALARM SYSTEM OUTAGE EXCEEDING 4 HOURS.
 43. IMPAIRMENTS TO THE FIRE ALARM SYSTEM EXCEEDING 10 HOURS WITHIN A 24 HOUR TIME PERIOD SHALL RESULT IN A CONTRACTOR PROVIDED FIRE WATCH, IN ACCORDANCE WITH NFPA 1-13.3.3.6.5.2.
 44. IMPAIRMENTS TO THE FIRE ALARM SYSTEM SHALL BE COORDINATED WITH MHT FACILITY MANAGEMENT.

- AS-BUILTS AND ACCEPTANCE TESTING
45. AS-BUILT DRAWINGS SHOWING FINAL LOCATIONS OF ALL DEVICES AND APPLIANCES WITHIN THE WORK AREAS SHALL BE SUBMITTED PRIOR TO FINAL ACCEPTANCE TESTING.
 46. TEST EACH COMPONENT FOR PROPER FUNCTION, OPEN, GROUND, SHORT, AND REPAIR ANY NON-COMFORMANCE.
 47. WHERE PROGRAMMING CHANGES ARE MADE TO THE EXISTING SYSTEM, RE-TESTING OF EXISTING SYSTEM DEVICES SHALL BE CONDUCTED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS.
 48. THE FIRE ALARM SYSTEM MODIFICATIONS SHALL BE ACCEPTANCE TESTED TO MAINTAIN THE EXISTING BUILDING FIRE ALARM SEQUENCE OF OPERATIONS/EVACUATION.
 49. PROVIDE TESTING AND RECORD OF COMPLETION FORM SIGNED AND DATED BY NICET TECHNICIAN IN ACCORDANCE WITH NFPA 72.

LEGEND: FIRE ALARM SYSTEM

EXISTING	DEMO	NEW	DESCRIPTION
			FIRE ALARM CONTROL PANEL
			EST-4 EMERGENCY VOICE EVACUATION SYSTEM
			SPEAKER STROBE UNIT W/ CANDELA RATING, WALL MOUNTED
			EST G1VRF OR APPROVED EQUAL
			STROBE UNIT W/ CANDELA RATING, WALL MOUNTED
			EST G1VRF OR APPROVED EQUAL
			MANUAL PULL STATION
			EST SIGA-278 OR APPROVED EQUAL
			DOOR HOLD OPEN (BY AIRPORT)
			ADDRESSABLE CONTROL MODULE
			EST SIGA-CR OR APPROVED EQUAL
			KEYNOTE
			NOT IN CONTRACT
			24V FIRE ALARM POWER SUPPLY
			SMOKE DETECTOR

ABBREVIATIONS: FIRE ALARM SYSTEM

NOT ALL ABBREVIATIONS ARE USED.

ADA	AMERICANS WITH DISABILITIES ACT	HEAT	HEAT DETECTOR
ADAAG	AMERICANS WITH DISABILITIES ACT GUIDELINES	IBC	INTERNATIONAL BUILDING CODE
AFF	ABOVE FINISHED FLOOR	IDC	INITIATING DEVICE CIRCUIT
AFO	ABOVE FINISHED GRADE	IEBC	INTERNATIONAL EXISTING BUILDING CODE
ALM	ALARM	IFC	INTERNATIONAL FIRE CODE
AHJ	AUTHORITY HAVING JURISDICTION	IN	INCHES
AP	ACCESS PANEL	JB	JUNCTION BOX
AR	ADDRESSABLE RELAY	MHT	MANCHESTER-BOSTON REGIONAL AIRPORT
AWG	AMERICAN WIRE GAUGE	N	NEW
BPS	BOOSTER POWER SUPPLY	NAC	NOTIFICATION APPLIANCE CIRCUIT
CD	CANDELA	NEC	NATIONAL ELECTRICAL CODE
CKT	CIRCUIT	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CM	CONTACT MONITOR	NICET	NOT IN CONTRACT
(C)	CEILING MOUNTED		
DD	DUCT SMOKE DETECTOR	NIS	NOT IN SCOPE
(R)	EXISTING TO BE REMOVED / DEMOLISHED	NTS	NOT TO SCALE
DIA	DIAMETER	(RE)	RELOCATED
DN	DOWN	SLC	SIGNALING LINE CIRCUIT
DWG	DRAWING	SOFT	SQUARE FEET
EC	ELECTRICAL CONTRACTOR	SUP	SUPERVISORY
EMT	ELECTRICAL METALLIC TUBING	TR	TROUBLE
EOL	END-OF-LINE RESISTOR	TS	TAMPER SWITCH
(E)	EXISTING TO REMAIN	VAC	VOLTAGE-ALTERNATING CURRENT
(ER)	EXISTING TO BE RELOCATED	VDC	VOLTAGE-DIRECT CURRENT
EVACS	EMERGENCY VOICE/ALARM COMMUNICATIONS SYSTEM	FAAP	FIRE ALARM ANNUNCIATOR PANEL
EST	EDWARDS SYSTEM TECHNOLOGIES INC.	MPS	MANUAL PULL STATION
DEGREE(S) FAHRENHEIT		ND	NO DETECTOR
FACP	FIRE ALARM CONTROL PANEL	SD	SMOKE DETECTOR
FAS	FIRE ALARM SYSTEM	ST	STROBE
FM	FACTORY MUTUAL	UON	UNLESS OTHERWISE NOTED
FS	FLOW SWITCH	WP	WEATHER PROOF
GC	GENERAL CONTRACTOR		

- KEY NOTES:**
1. ROOM WITH TWO EXISTING FIRE ALARM CONTROL PANELS SERVING AREAS OF TERMINAL SOUTH OF MAIN PUBLIC ESCALATOR AREA.

REVISIONS

NO.	DATE	DESCRIPTION

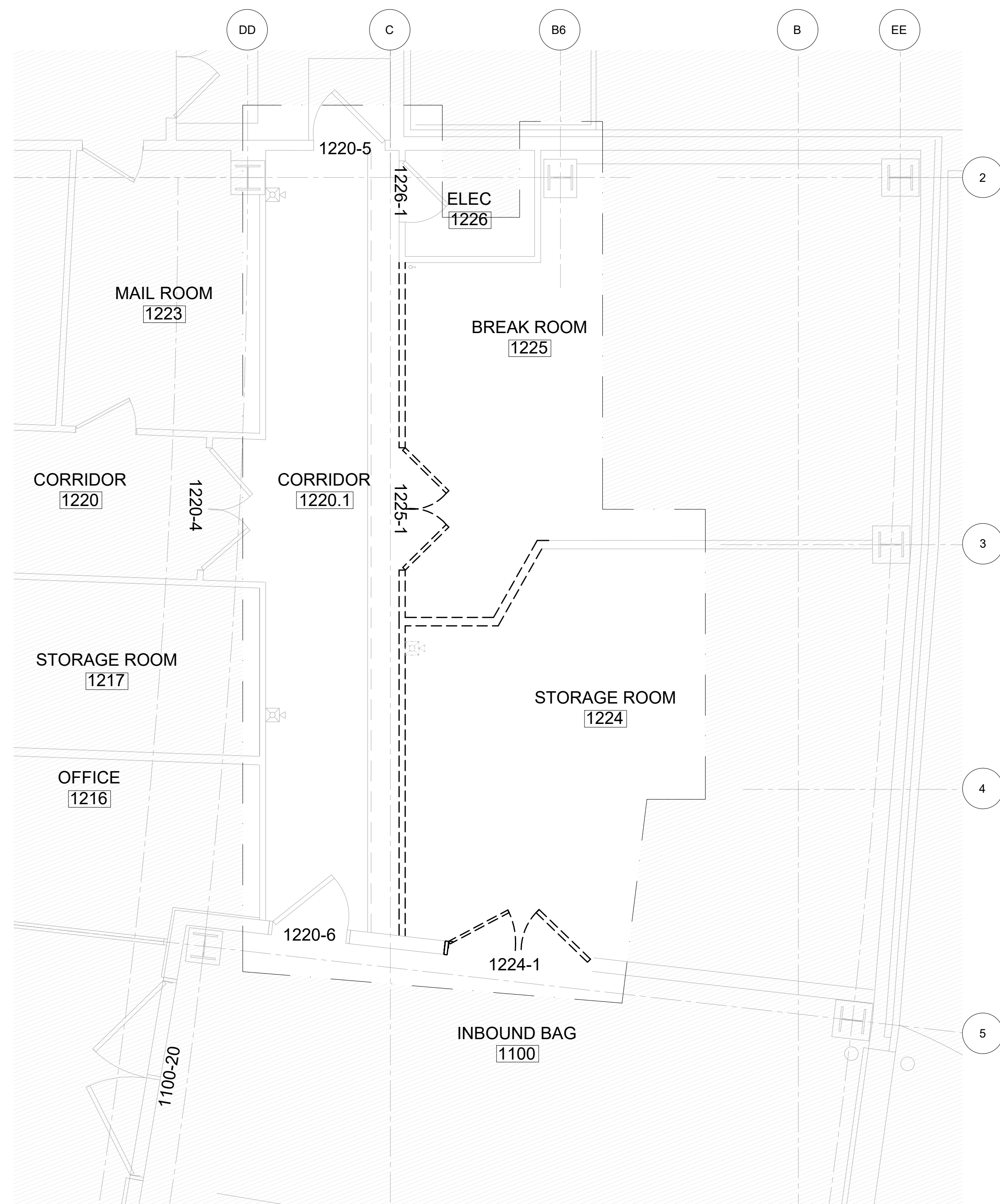
1150 W. STREET, SUITE 400
MANCHESTER, NH 03101

Manchester-Boston
REGIONAL AIRPORT

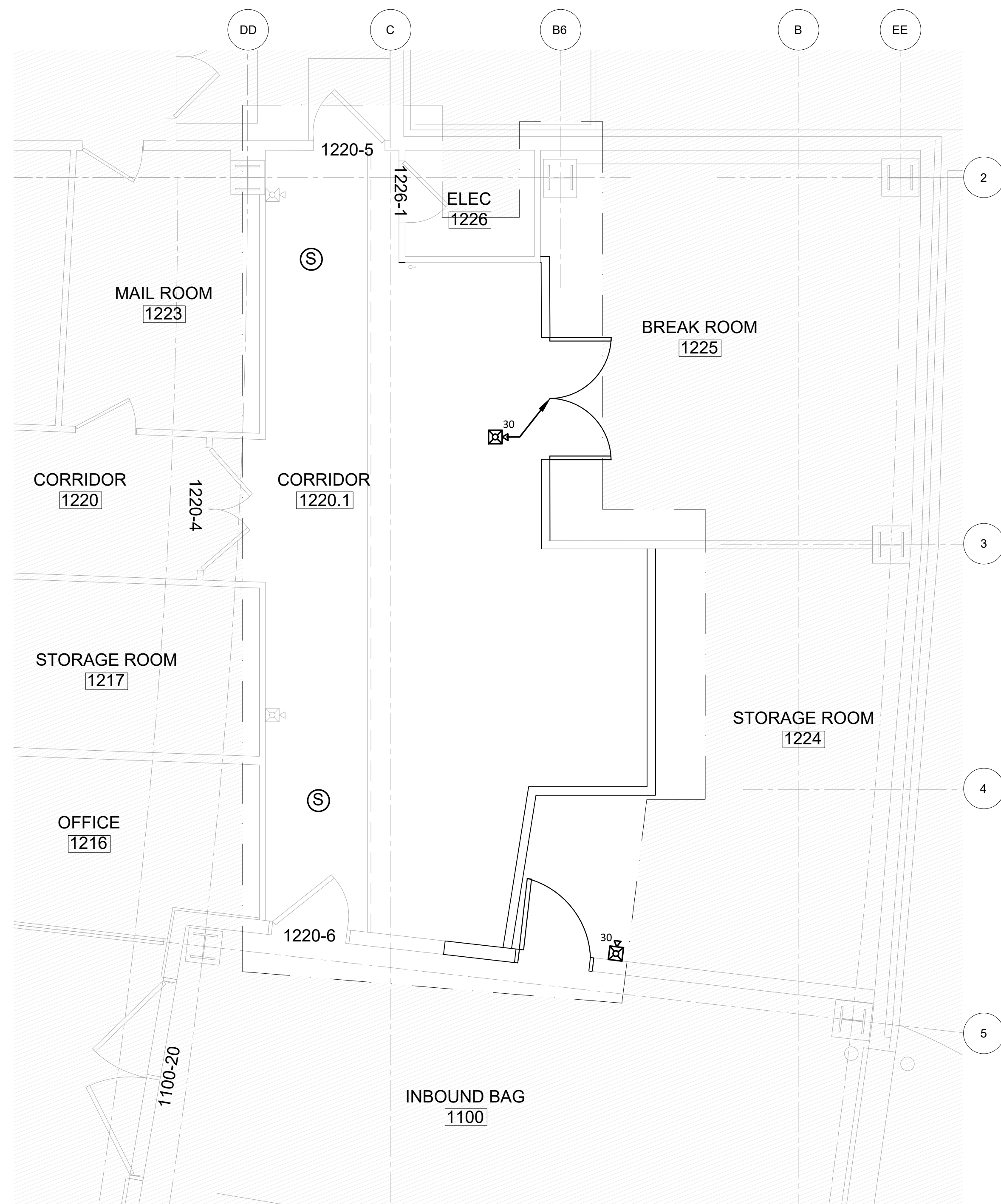
CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION - FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
FIRE ALARM OVERALL PLAN - GENERAL NOTES, ABBREVIATIONS, AND LEGEND

PROJECT NO: 60638480-1029
CADD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: JWG
DEPT CHECK: JS
PROJ CHECK: JGG
DATE: 05/24/2024

FA1.100



1 PARTIAL EXISTING FLOOR PLAN - LEVEL 1 WORKER CHECKPOINT AREA



2 PARTIAL NEW WORK FLOOR PLAN - LEVEL 1 WORKER CHECKPOINT AREA

DRAWING NOTES:

1. REFER TO DRAWING FA1.100 FOR FIRE ALARM GENERAL NOTES, ABBREVIATIONS AND LEGEND.
2. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.

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1155 ELM STREET, SUITE 401
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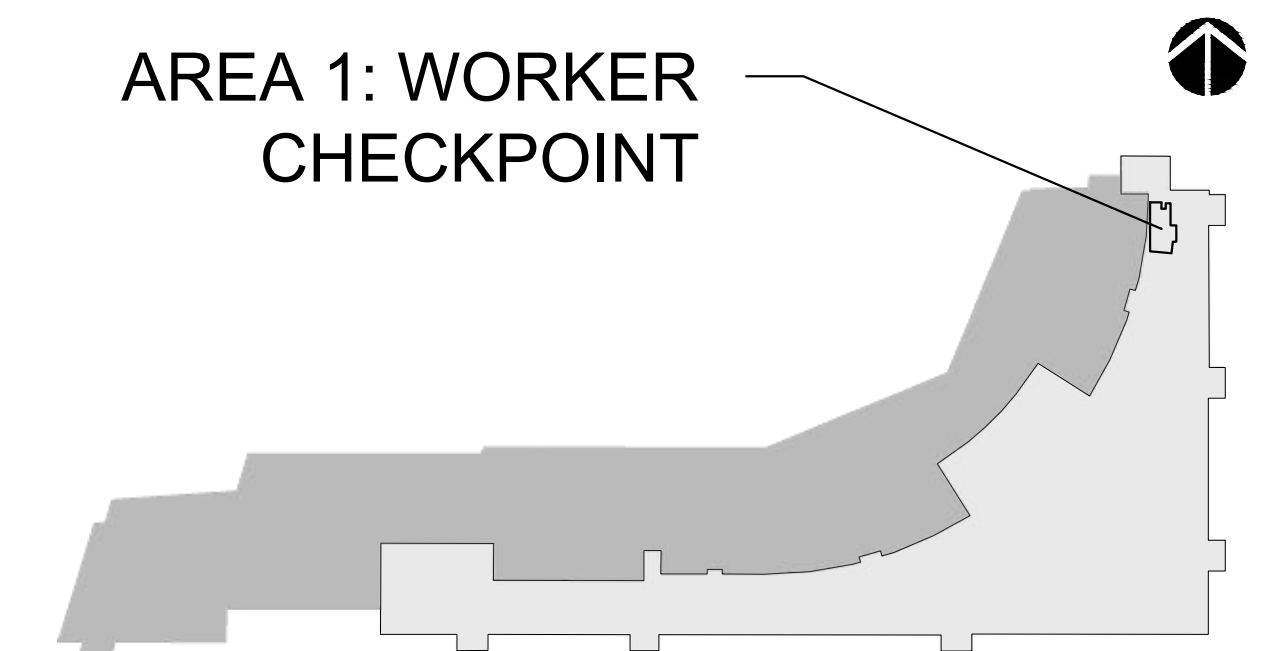
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CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION ; FY24-905-44
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2TTC4 : A-WING OFFICES
FIRE ALARM FLOOR PLAN - LEVEL 1 WORKER INSPECTION
CHECKPOINT AREA

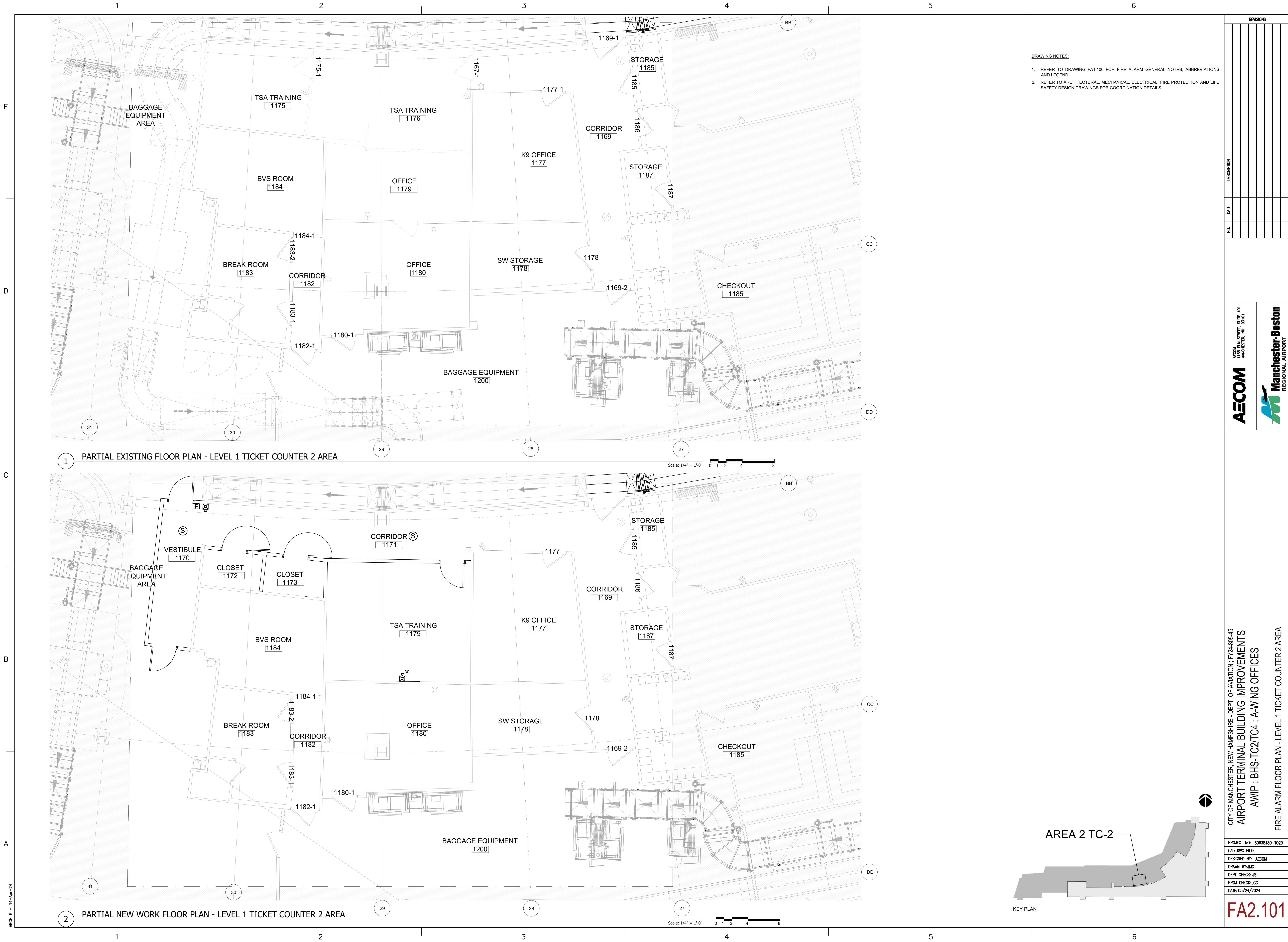
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CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY:JMG
DEPT CHECK: JS
PROJ CHECK:JGG
DATE: 05/24/2024

FA1.101

AREA 1: WORKER CHECKPOINT



KEY PLAN



- DRAWING NOTES:
1. REFER TO DRAWING FA1.100 FOR FIRE ALARM GENERAL NOTES, ABBREVIATIONS AND LEGEND.
 2. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.

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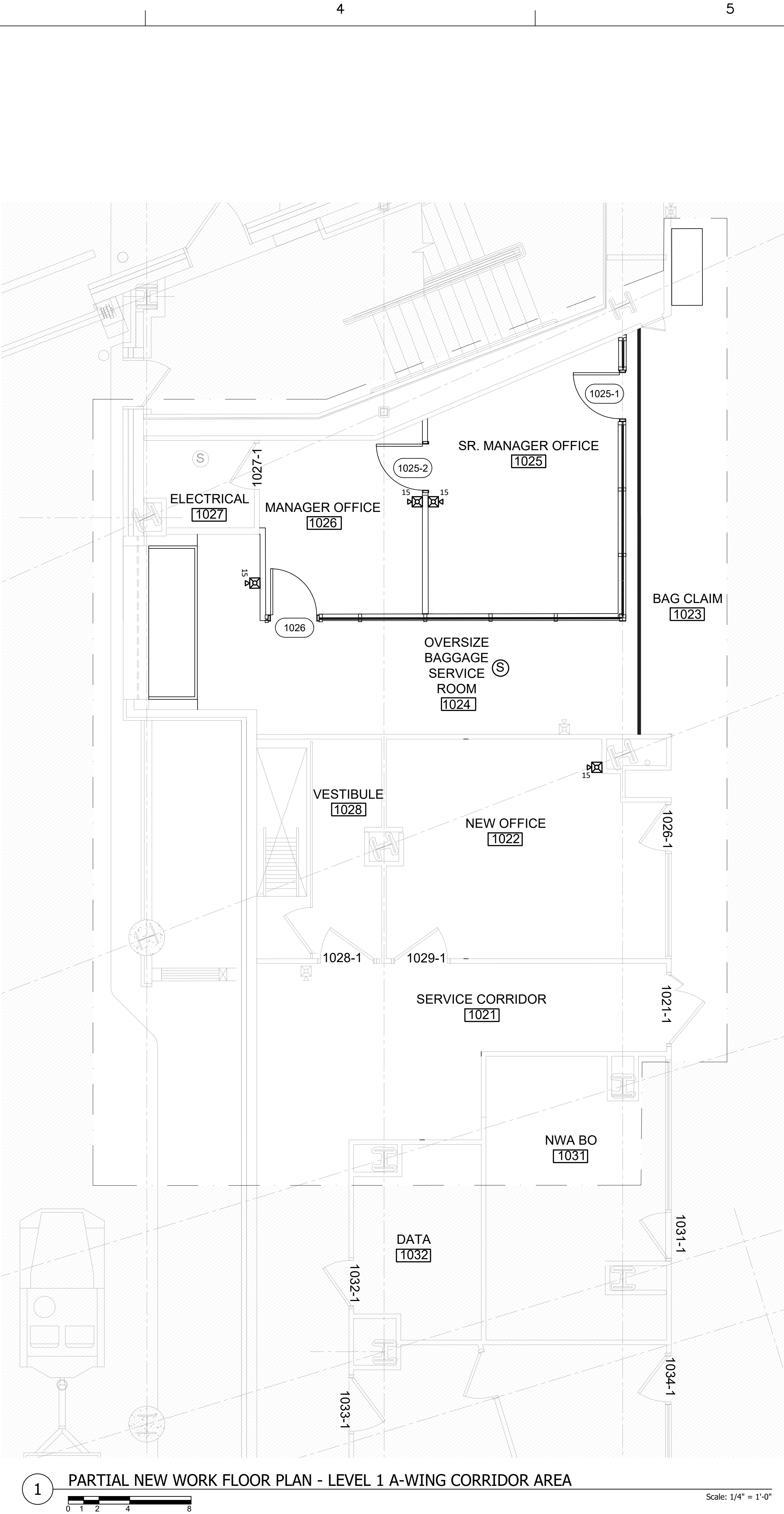
CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
FIRE ALARM FLOOR PLAN - LEVEL 1 TICKET COUNTER 2 AREA

PROJECT NO:	60638480-1029
CAD DWG FILE:	
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DRAWN BY:	JWG
DEPT CHECK:	JS
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FA2.101

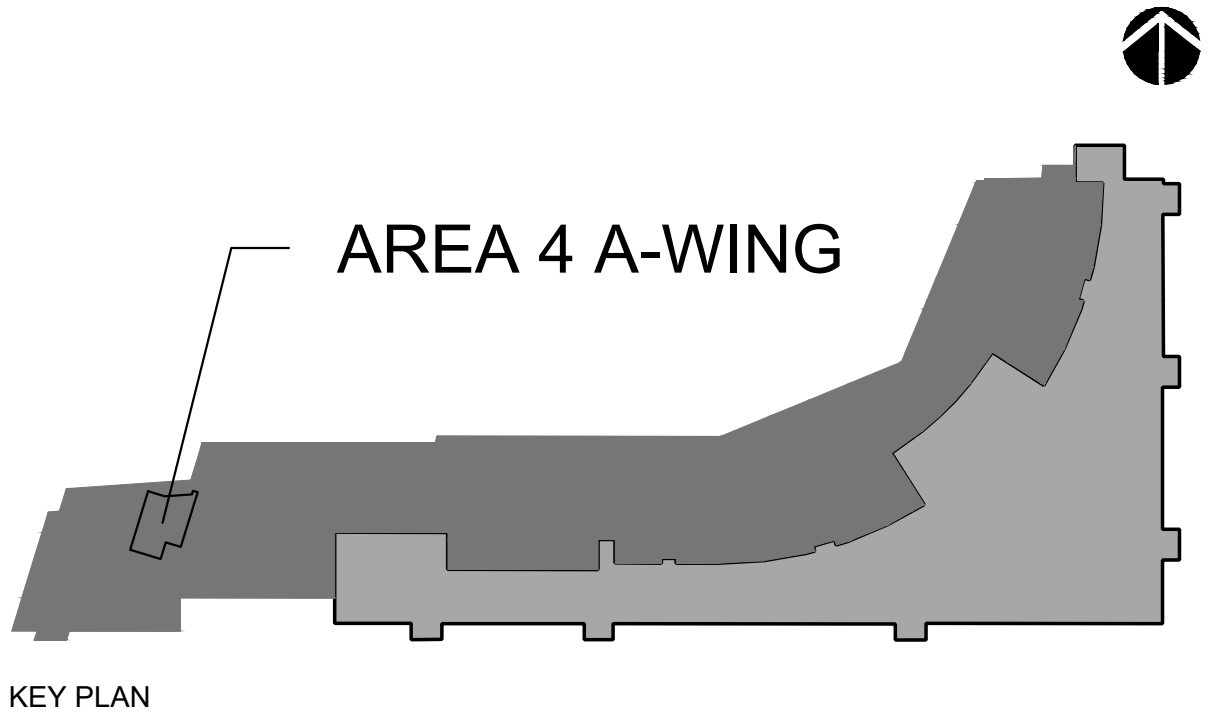


1 PARTIAL EXISTING FLOOR PLAN - LEVEL 1 A-WING CORRIDOR AREA



1 PARTIAL NEW WORK FLOOR PLAN - LEVEL 1 A-WING CORRIDOR AREA

- DRAWING NOTES:
- REFER TO DRAWING FA1.100 FOR FIRE ALARM GENERAL NOTES, ABBREVIATIONS AND LEGEND.
 - REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.



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CAD DWG FILE: AECOM			AIRPORT TERMINAL BUILDING IMPROVEMENTS	
DESIGNED BY: AECOM			AWIP : BHS-TC2/TC4 : A-WING OFFICES	
DRAWN BY: JWG			FIRE ALARM FLOOR PLAN - LEVEL 1 A-WING CORRIDOR AREA	
DEPT CHECK: JS				
PROJ CHECK: JGG				
DATE: 05/24/2024				
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ARCH E - 14-Apr-24

1 PARTIAL EXISTING FLOOR PLAN - LEVEL 2 PRODUCT CHECKPOINT AREA

Scale: 1/4" = 1'-0"

DRAWING NOTES:

1. REFER TO DRAWING FA1.100 FOR FIRE ALARM GENERAL NOTES, ABBREVIATIONS AND LEGEND.
2. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.

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AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
FIRE ALARM FLOOR PLAN - LEVEL 2 PRODUCT INSPECTION
CHECKPOINT AREA

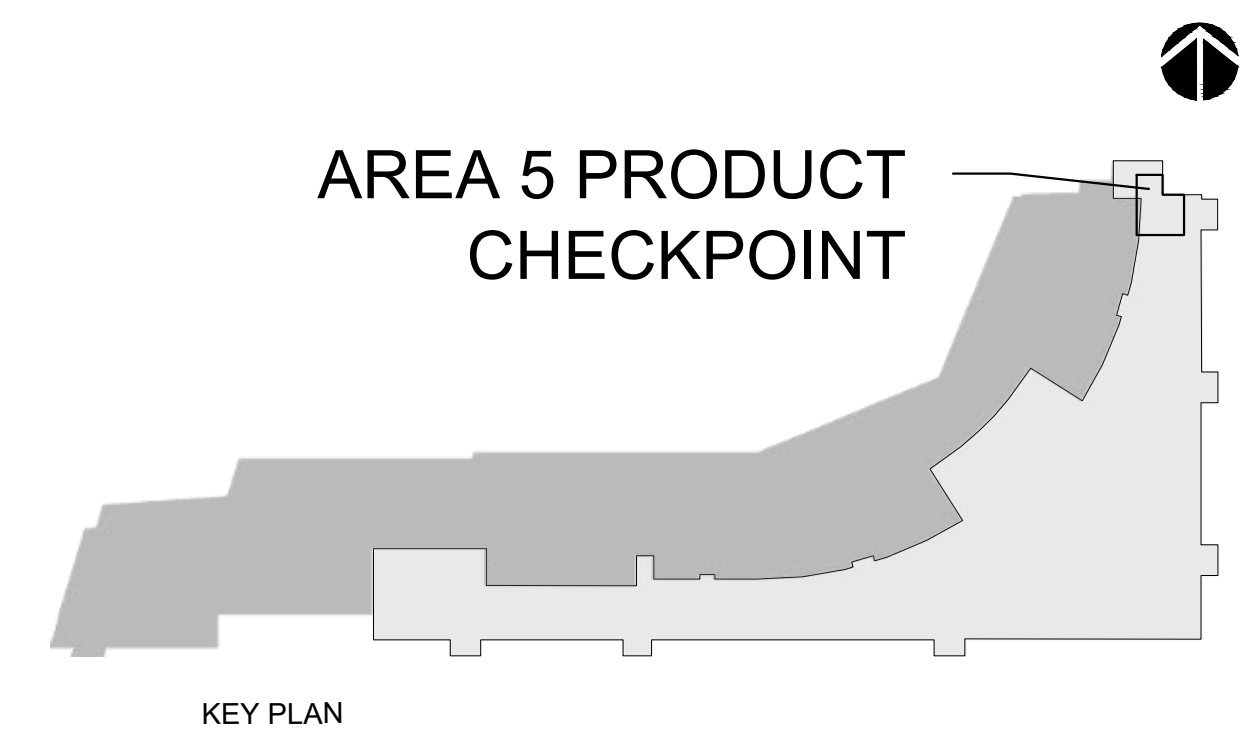
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CAD DWG FILE:
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DEPT CHECK: JS
PROJ CHECK:JGG
DATE: 05/24/2024

FA5.101

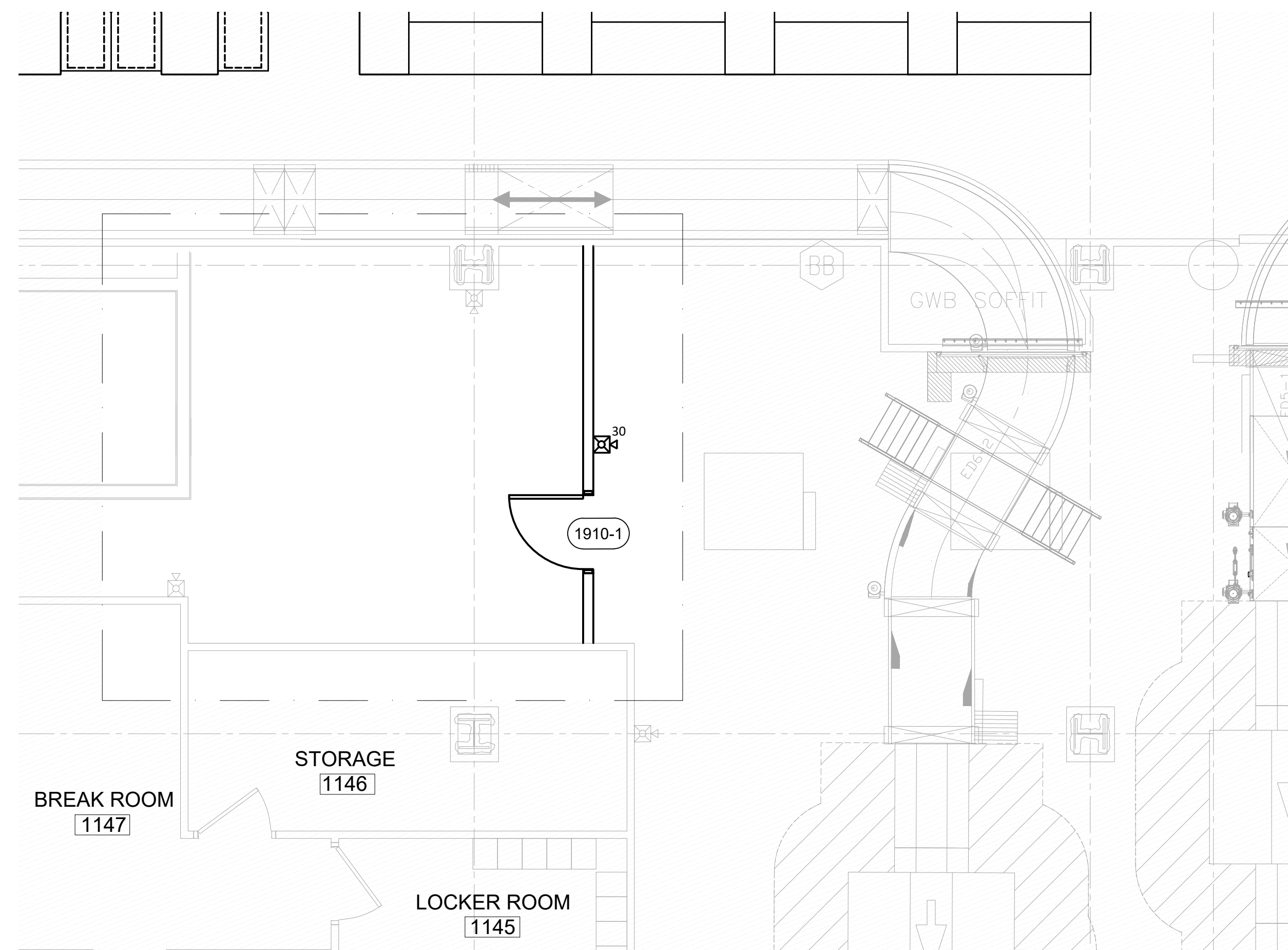
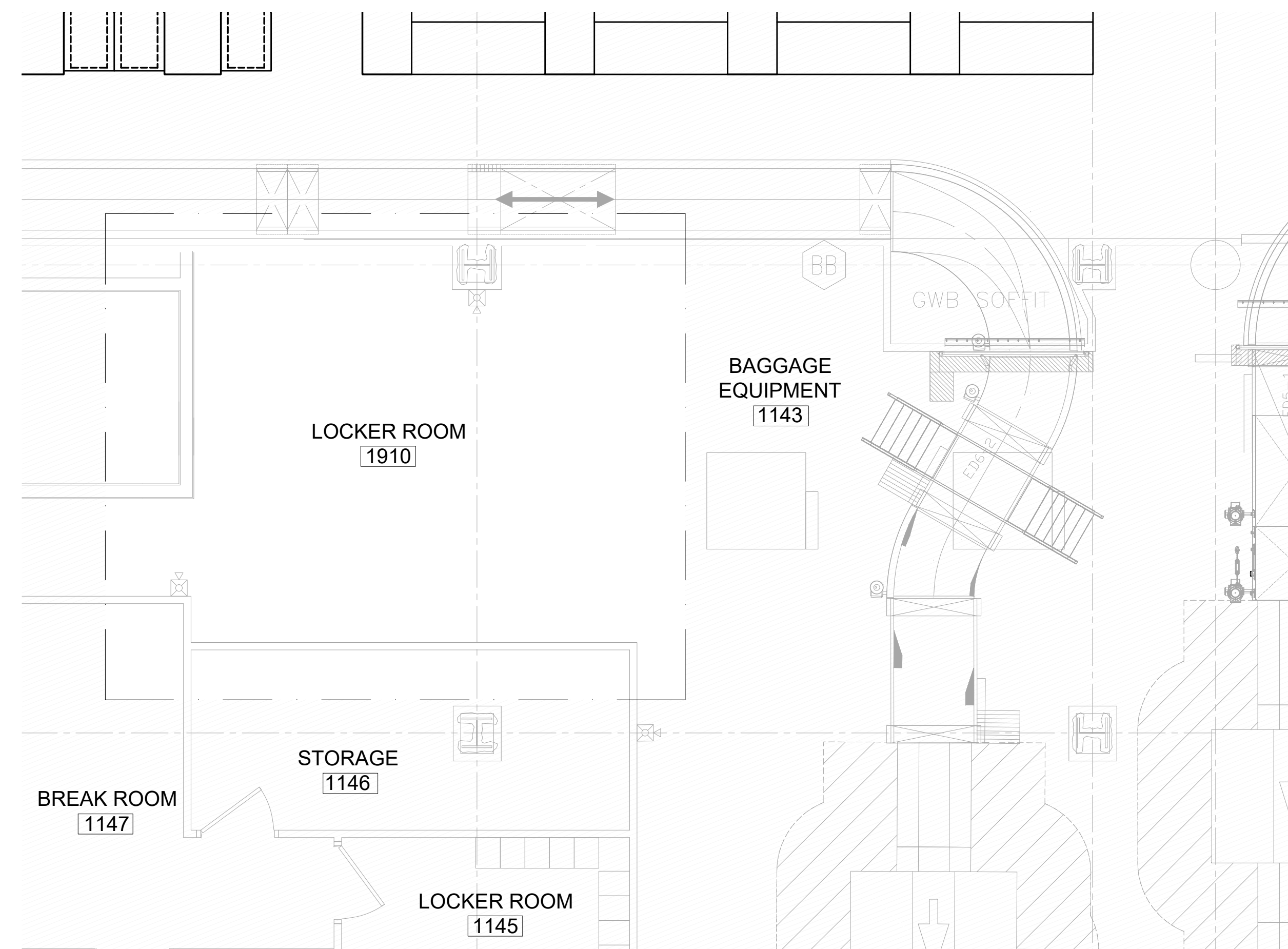


2 PARTIAL NEW WORK FLOOR PLAN - LEVEL 2 PRODUCT CHECKPOINT AREA

Scale: 1/4" = 1'-0"



KEY PLAN



DRAWING NOTES:

[illegible]

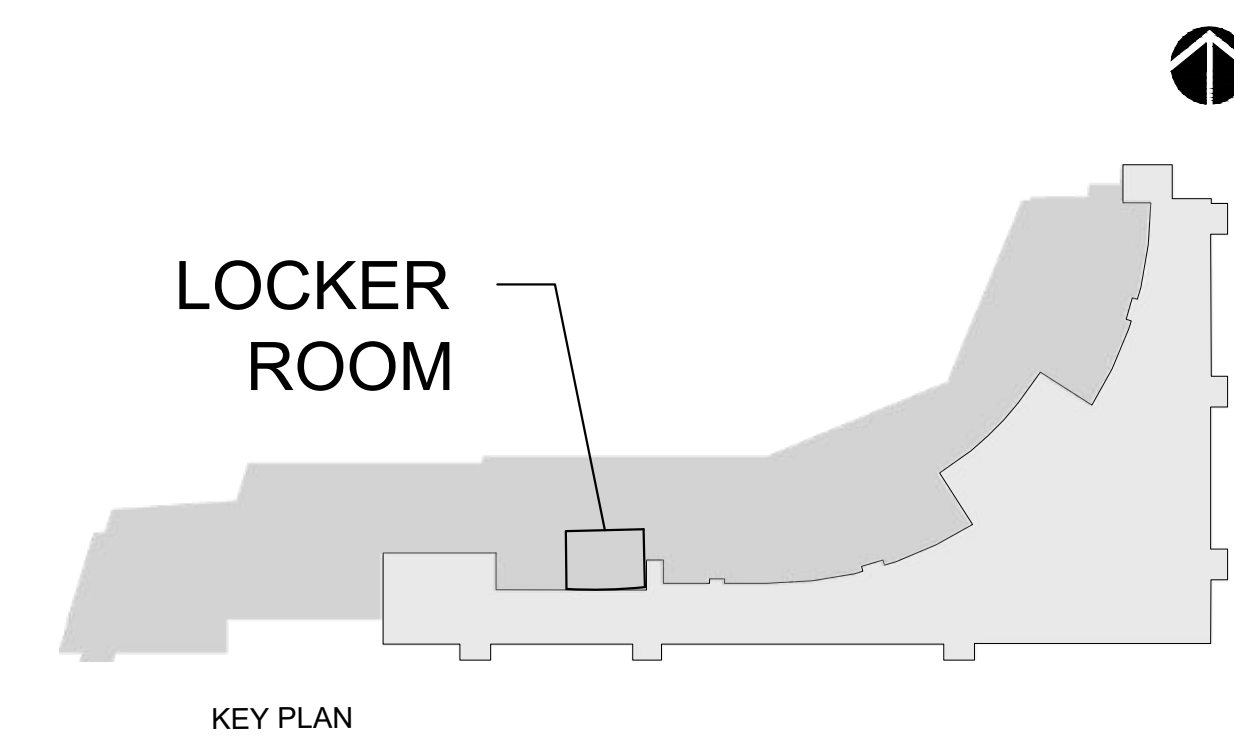
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MANCHESTER, NH 03101

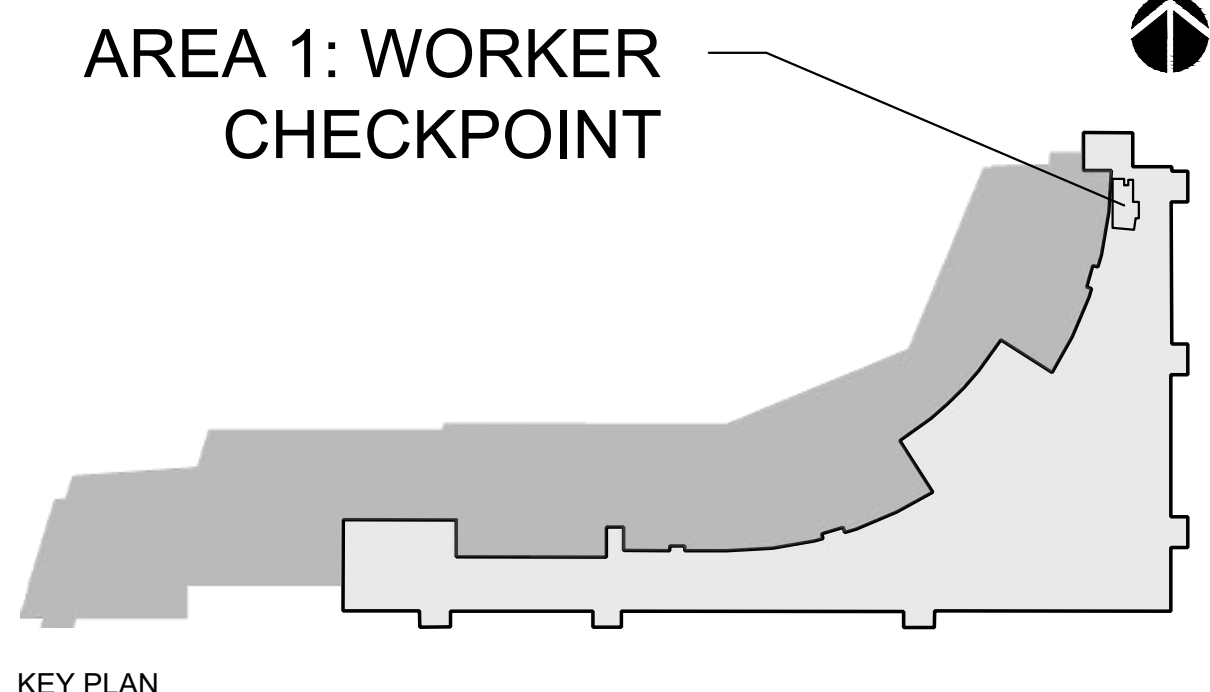
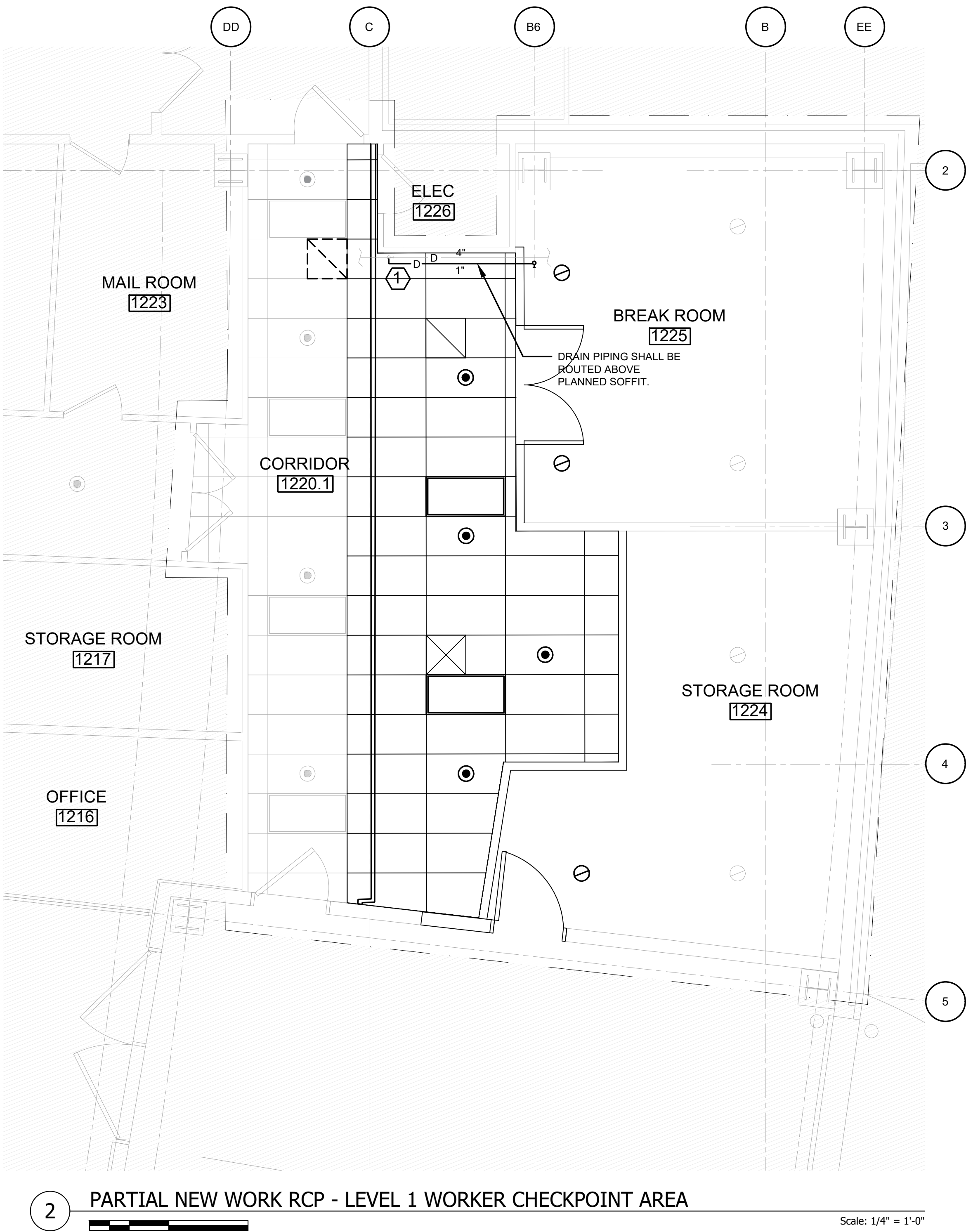
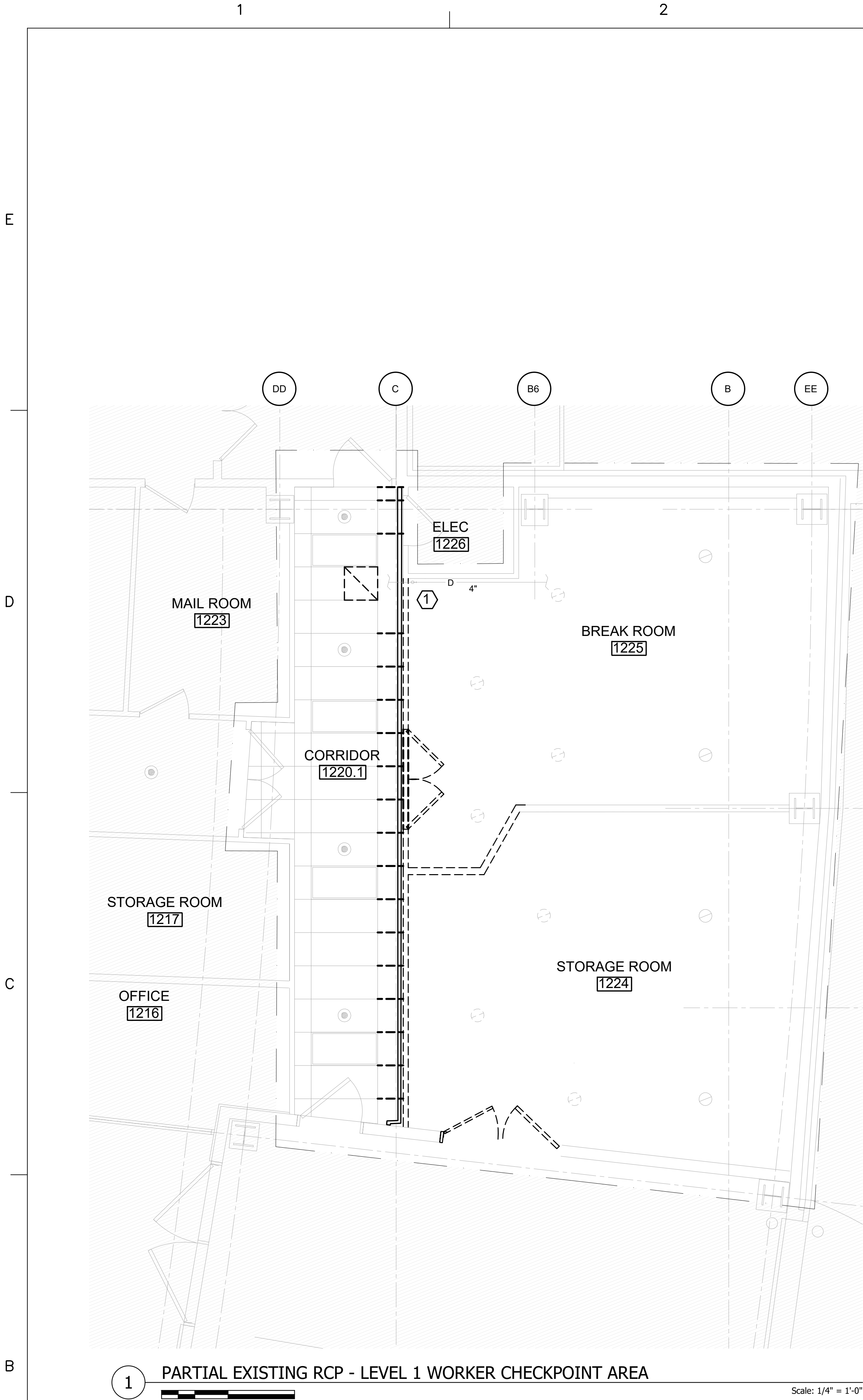


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CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION; FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
FIRE ALARM FLOOR PLAN - LEVEL 1 UNITED LOCKER ROOM AREA

FA6.101





- DRAWING NOTES:
- REFER TO DRAWING FP1.100 FOR FIRE PROTECTION GENERAL NOTES, ABBREVIATIONS AND LEGEND.
 - REFER TO ARCHITECTURAL, ELECTRICAL, FIRE ALARM, MECHANICAL AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.
 - EXISTING SYSTEM IN BREAK AND STORAGE ROOM IS DRY SYSTEM WITH 1/2 INCH 155 DEGREE NOMINAL UPRIGHT SPRINKLERS AND GALVANIZED PIPE. MAINTAIN PIPE TYPE AND PIPE SCHEDULE WITHIN THIS AREA. EXISTING ORDINARY HAZARD SPACING SHALL BE MAINTAINED.
 - EXISTING SYSTEM IN CORRIDOR USES SEMI-RECESSED PENDENT 155 DEGREE NOMINAL SPRINKLERS ON ORDINARY HAZARD SPACING WITH CHROME ESCUTCHEONS. EXISTING PIPE TYPES, SPRINKLER RESPONSE TYPES AND FINISHES SHALL BE MAINTAINED.
 - EXISTING SPRINKLER SYSTEM ZONING SHALL BE MAINTAINED.
 - PROVIDE ARM-OVERS OR DRY PENDENT SPRINKLER IF NECESSARY TO ALLOW DRAINAGE OF PENDENT SPRINKLERS ON DRY SYSTEMS.

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PROJECT NO: 60638480-1029		CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45		
CAD DWG FILE:		AIRPORT TERMINAL BUILDING IMPROVEMENTS		
DESIGNED BY: AECOM		AWIP : BHS-TC2/TC4 : A-WING OFFICES		
DRAWN BY: JWG		FIRE PROTECTION RCP - LEVEL 1 WORKER INSPECTION		
DEPT CHECK: JS		CHECKPOINT AREA		
PROJ CHECK: JGG				
DATE: 05/24/2024				
FP1.102				



- DRAWING NOTES:
- REFER TO DRAWING FP1.100 FOR FIRE PROTECTION GENERAL NOTES, ABBREVIATIONS AND LEGEND.
 - REFER TO ARCHITECTURAL, ELECTRICAL, FIRE ALARM, MECHANICAL AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.
 - EXISTING TSA OFFICES HAVE 155 DEGREE F PENDENT SPRINKLERS SEM-RECESSED WITH CHROME ESCUTCHEONS ON ORDINARY HAZARD SPACING. EXISTING SPRINKLER TYPES, SPACING AND PIPE SCHEDULES SHALL BE MAINTAINED.
 - EXISTING BAGGAGE EQUIPMENT SPACES HAVE 155 DEGREE F UPRIGHT SPRINKLERS ON ORDINARY HAZARD SCHEDULE. WET SYSTEM. EXISTING SPRINKLER TYPES, SPACING AND PIPE SCHEDULES SHALL BE MAINTAINED.

- NEW WORK KEYNOTES: (#)
- PROVIDE TWO NEW SPRINKLERS WITHIN NEW VESTIBULE. SUPPLY THESE SPRINKLERS FROM PIPING ABOVE ADJACENT OFFICE SPRINKLER ZONE.
 - PROVIDE TWO NEW UPRIGHT SPRINKLERS FROM EXISTING BAGGAGE EQUIPMENT AREA SYSTEM.

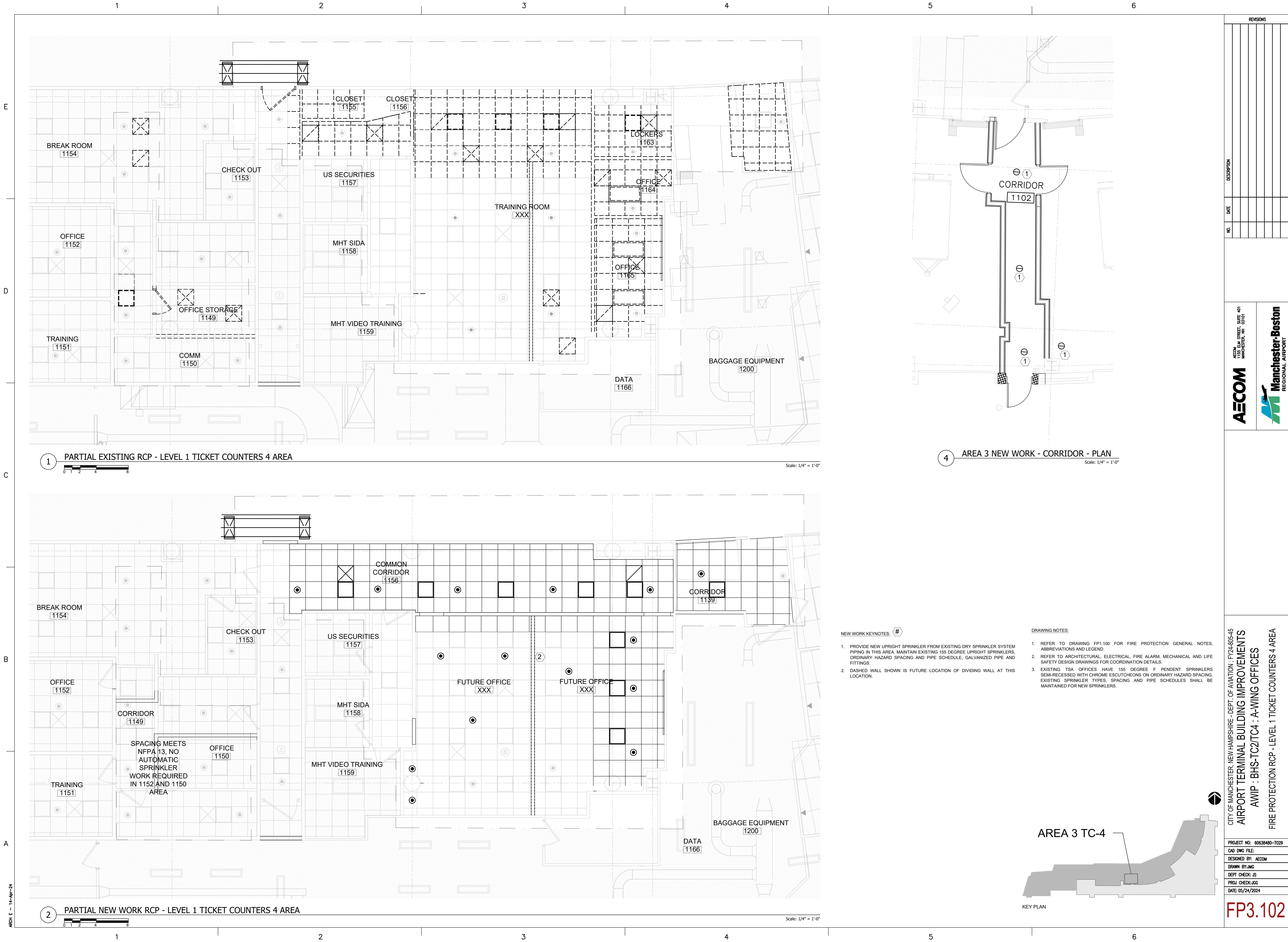
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NO.	DESCRIPTION

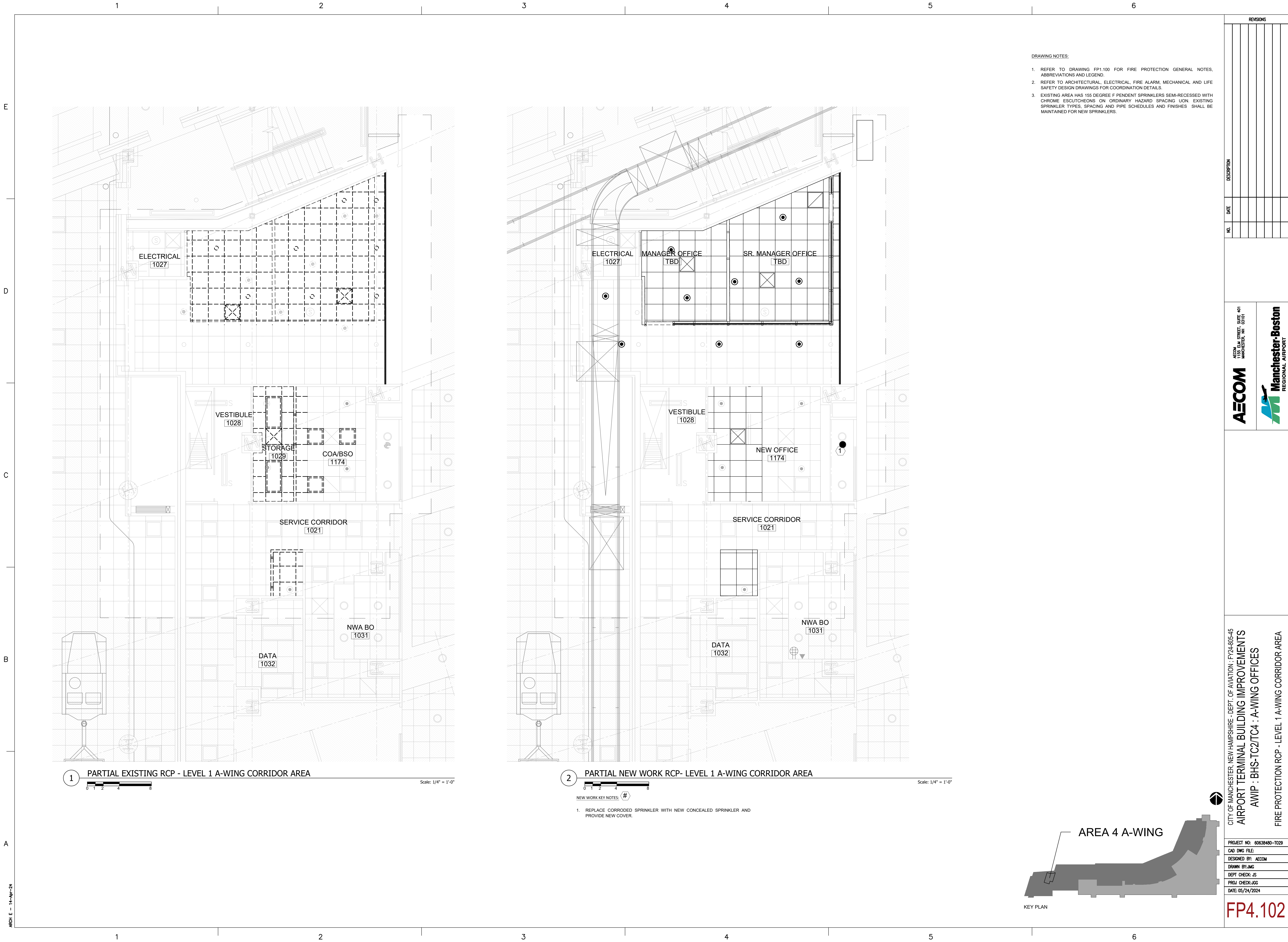
1550 ELM STREET, SUITE 400
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CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION - FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
FIRE PROTECTION RCP - LEVEL 1 TICKET COUNTER 2 AREA

PROJECT NO:	60638480-1029
CAD DWG FILE:	
DESIGNED BY:	AECOM
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DEPT CHECK:	JS
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DATE:	05/24/2024





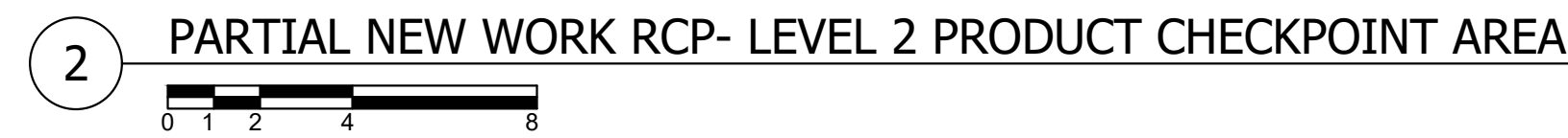
- DRAWING NOTES:
- REFER TO DRAWING FP1.100 FOR FIRE PROTECTION GENERAL NOTES, ABBREVIATIONS AND LEGEND.
 - REFER TO ARCHITECTURAL, ELECTRICAL, FIRE ALARM, MECHANICAL AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.
 - EXISTING AREA HAS 155 DEGREE F PENDENT SPRINKLERS SEMI-RECESSED WITH CHROME ESCUTCHEONS ON ORDINARY HAZARD SPACING UON. EXISTING SPRINKLER TYPES, SPACING AND PIPE SCHEDULES AND FINISHES SHALL BE MAINTAINED FOR NEW SPRINKLERS.

REVISIONS				
NO.	DATE	DESCRIPTION		
PROJECT NO: 60638480-1029				
CAD DWG FILE: AECOM				
DESIGNED BY: AECOM				
DRAWN BY: JWG				
DEPT CHECK: JS				
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DATE: 05/24/2024				
CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45				
AIRPORT TERMINAL BUILDING IMPROVEMENTS				
AWIP : BHS-TC2/TC4 : A-WING OFFICES				
FIRE PROTECTION RCP - LEVEL 1 A-WING CORRIDOR AREA				
AECOM				
155 ELM STREET, SUITE 400 MANCHESTER, NH 03101				
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FP4.102				

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Scale: 1/4" = 1'-0"

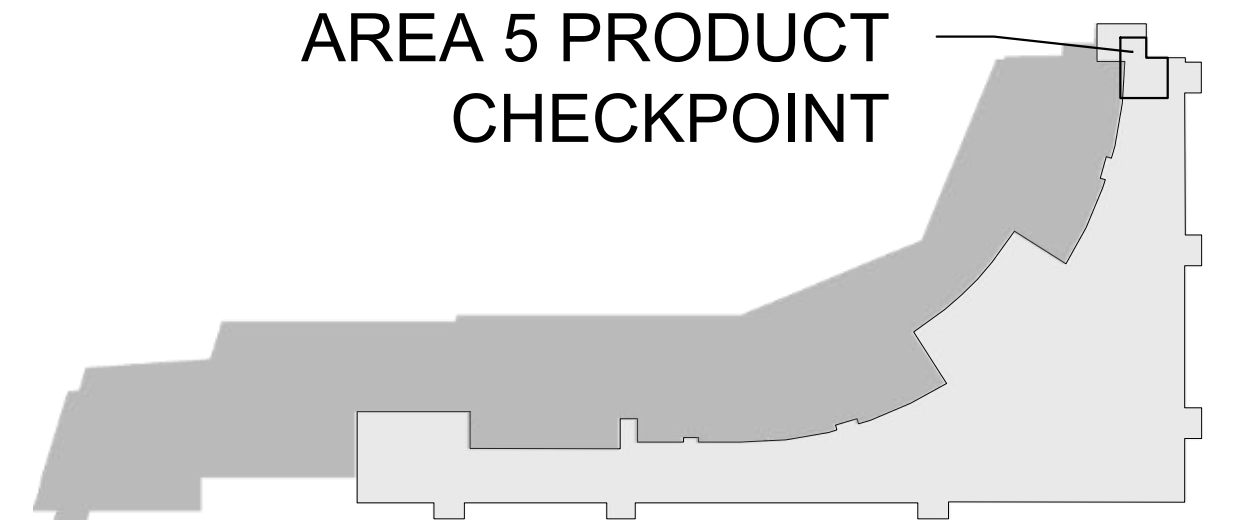


Scale: 1/4" = 1'-0"

NEW WORK KEY NOTES: #

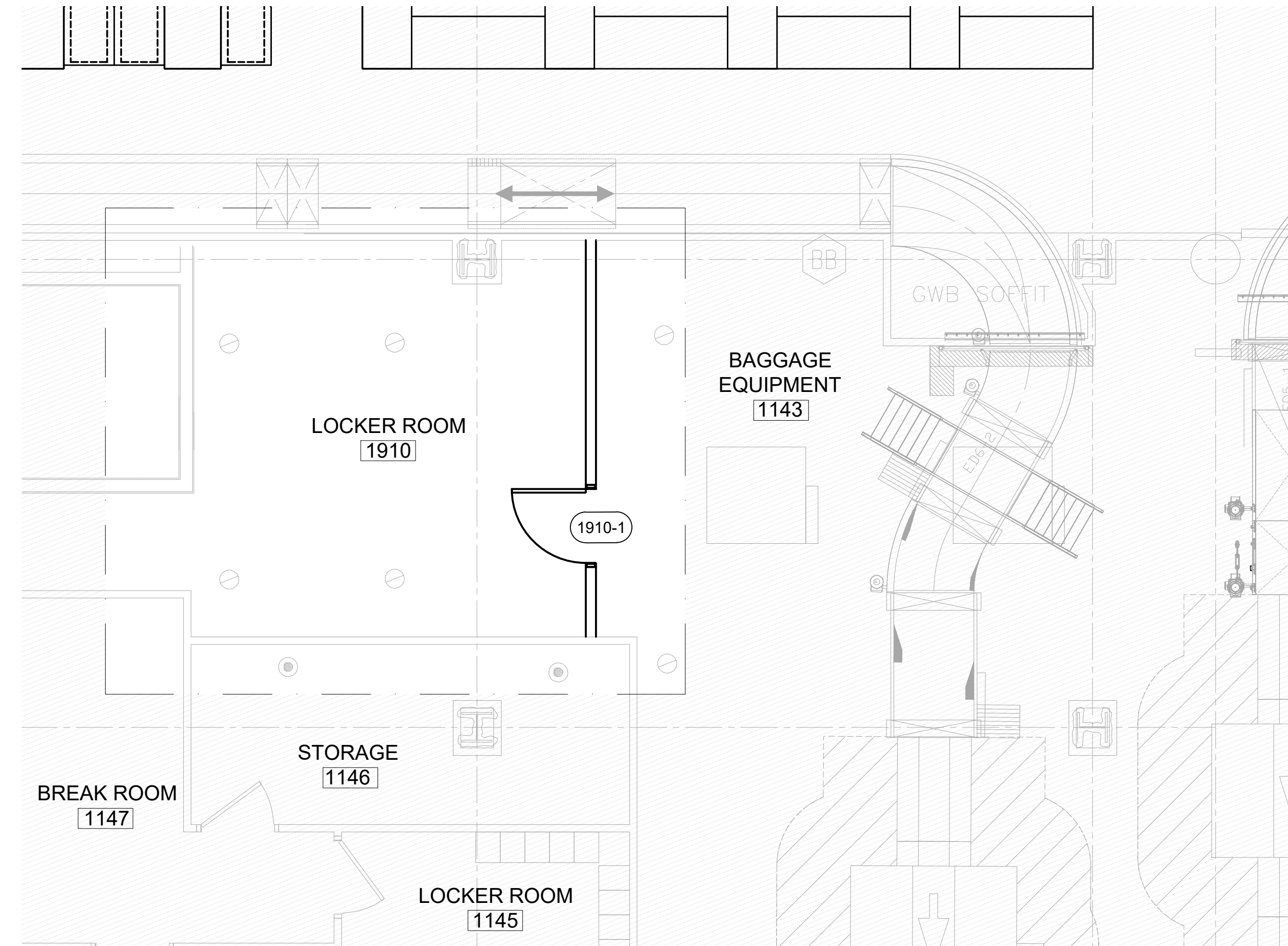
1. NEW SPRINKLER IN THIS PRODUCT CHECKPOINT AREA SHALL BE SUPPLIED FROM LANDSIDE SPRINKLER ZONE (SYSTEM SUPPLYING SPRINKLERS IN CORRIDOR 208B) SPRINKLERS SHALL BE DROPPED TO NEW CEILING.
2. NEW SPRINKLERS IN THIS AREA SHALL BE CONCEALED TYPE WITH WHITE COVER PLATES. THESE SPRINKLERS SHALL BE SUPPLIED FROM EAST CONCOURSE SPRINKLER SYSTEM ZONE.
3. EXISTING SPRINKLER SHALL BE RE-LOCATED SO IT IS A MINIMUM 6 FT FROM NEW PLANNED SPRINKLER AT NEW WALL. COORDINATE WITH GENERAL CONTRACTOR TO REPLACE CEILING TILE.

AREA 5 PRODUCT CHECKPOINT



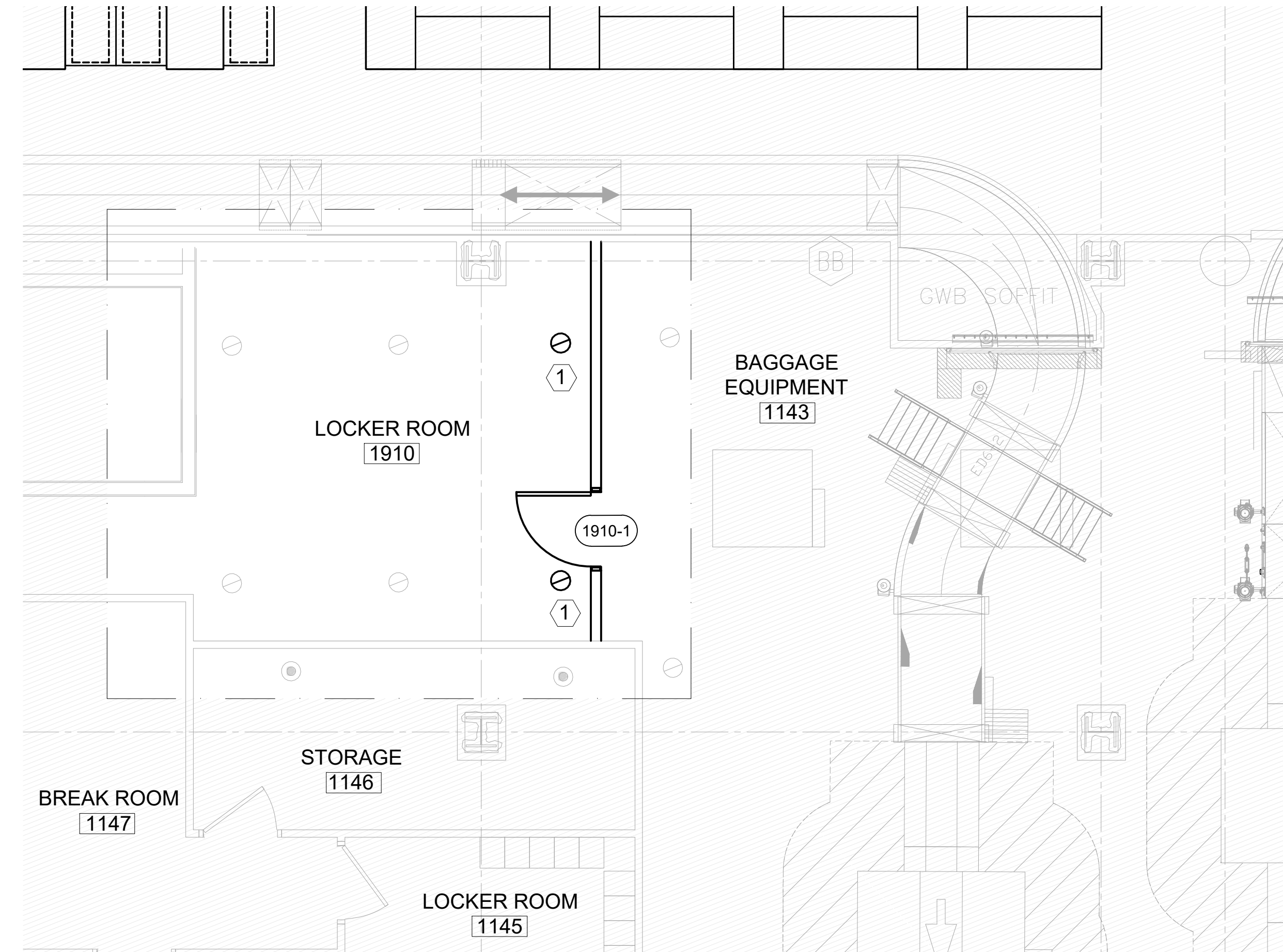
KEY PLAN

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1 PARTIAL EXISTING RCP - LEVEL 1 UNITED LOCKER ROOM AREA

Scale: 1/4" = 1'-0"



1 PARTIAL NEW WORK RCP - LEVEL 1 UNITED LOCKER ROOM AREA

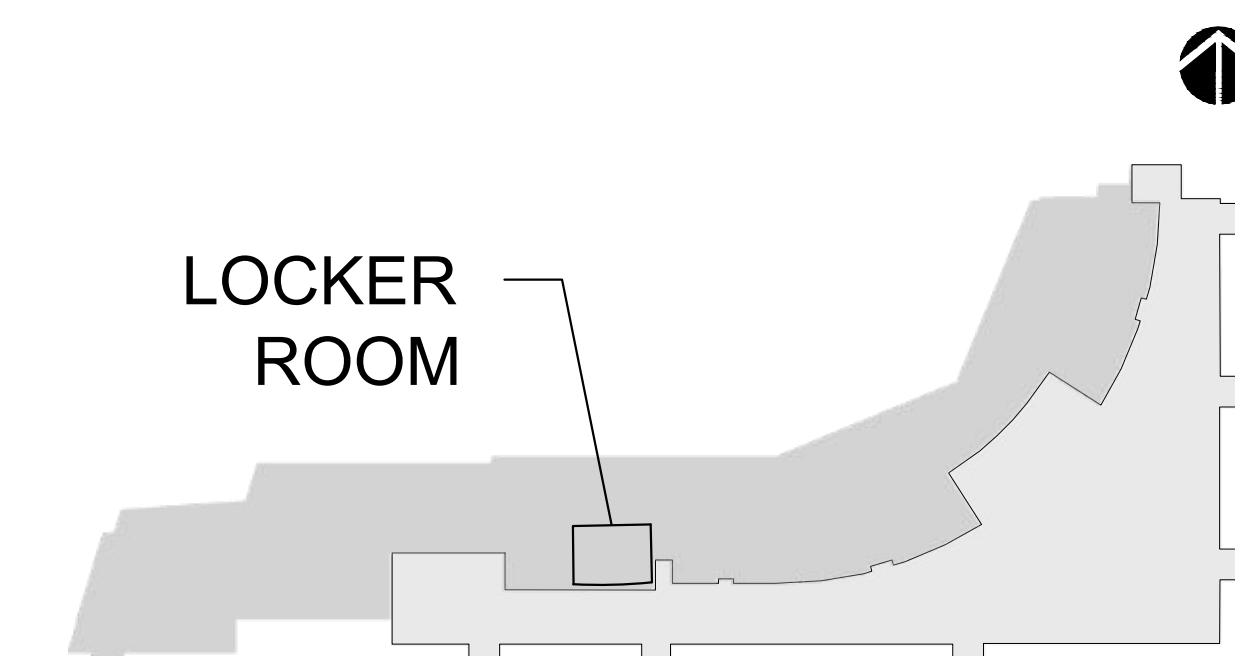
Scale: 1/4" = 1'-0"

NEW WORK KEY NOTES: 

1. PROVIDE 2 NEW UPRIGHT 1/2 INCH 165 DEGREE UPRIGHT SPRINKLERS ON THE LOCKER ROOM SIDE OF THE NEW PARTITION. PIPE NEW SPRINKLER FROM EXISTING PIPING ON LOCKER ROOM SIDE OF NEW PARTITION.

DRAWING NOTES:

1. REFER TO DRAWING FP1.100 FOR FIRE PROTECTION GENERAL NOTES, ABBREVIATIONS AND LEGEND.
2. REFER TO ARCHITECTURAL, ELECTRICAL, FIRE ALARM, MECHANICAL AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.



KEY PLAN

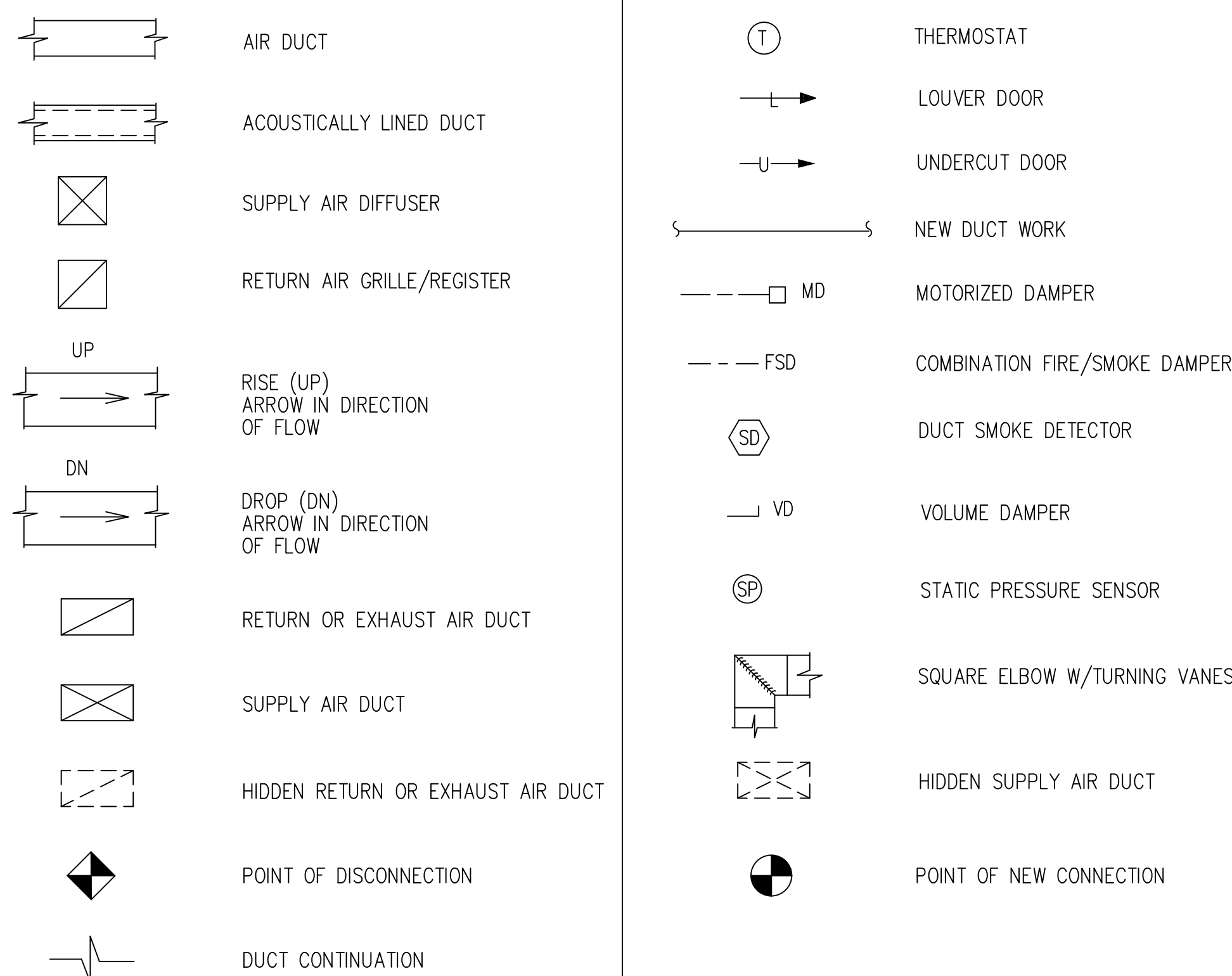
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GENERAL NOTES

1. MECHANICAL NOTES APPLY TO ALL DRAWINGS. REFER TO INDIVIDUAL DRAWING FOR ADDITIONAL NOTES.
2. ALL MECHANICAL EQUIPMENT AND INSTALLATIONS ARE TO CONFORM WITH THE REQUIREMENTS OF THE CURRENT LOCAL BUILDING CODES, INCLUDING, BUT NOT LIMITED TO THOSE BELOW.
 - 2.1 2018 INTERNATIONAL BUILDING CODE WITH NEW HAMPSHIRE AMENDMENTS
 - 2.2 2018 INTERNATIONAL PLUMBING CODE WITH NEW HAMPSHIRE AMENDMENTS
 - 2.3 2018 INTERNATIONAL MECHANICAL CODE WITH NEW HAMPSHIRE AMENDMENTS
 - 2.4 2018 INTERNATIONAL ENERGY CONSERVATION CODE WITH NEW HAMPSHIRE AMENDMENTS
3. CONTRACT DOCUMENTS FOR MECHANICAL WORK ARE SCHEMATIC IN NATURE AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW THE LOCATION OF ALL EQUIPMENT AND DEVICES; COORDINATE ALL DETAILS OF WORK AS REQUIRED TO ACHIEVE A COMPLETE FUNCTIONAL INSTALLATION.
4. THE CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES IN PERFORMANCE OF HIS WORK TO ENSURE PROPER COORDINATION. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. INCLUDE ALL NECESSARY AND APPLICABLE APPURTENANCES, WHETHER INDICATED OR NOT.
5. ALL NEW DUCTS SHALL BE INSULATED.
6. ALL REFRIGERANT AND CONDENSATE PIPING SHALL BE COVERED WITH ELASTOMERIC CLOSED CELL FOAM INSULATION RATED FOR OUTDOOR USE. INSULATION ACCESSIBLE TO THE PUBLIC OR INSTALLED OUTDOOR SHALL ALSO BE PROVIDED WITH A PLASTIC OR ALUMINUM JACKET. INSULATION SHALL BE MIN. 1" THICK.
7. REFRIGERANT PIPING SHALL BE ASTM B88 COPPER ACR TUBING.
8. REFRIGERANT PIPES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATIONS GUIDELINES AND IN SUCH A MANNER AS TO MINIMIZE THEIR TOTAL LENGTH BETWEEN THE INDOOR FAN COIL UNIT AND THE OUTDOOR CONDENSING UNIT.
9. THE LOCATION OF THE INDOOR UNIT AND OUTDOOR CONDENSING UNIT SHOWN ON THE CONTRACT DRAWING SHOWS THE DESIGN INTENT. THE CONTRACTOR SHALL DETERMINE THE FEASIBILITY OF EACH LOCATION AND ANY CHANGES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THEREFORE, THE EXACT LOCATION OF EACH UNIT WILL BE DETERMINED FROM FIELD CONDITIONS, CONTRACT DRAWINGS AND ENGINEERS INPUT.
10. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
11. OPENINGS FOR PIPE PENETRATIONS IN WALLS, FLOORS OR CEILINGS SHALL BE LARGER THAN THE PENETRATING PIPE. OPENINGS THROUGH CONCRETE OR MASONRY BUILDING ELEMENTS SHALL BE SLEEVED. THE ANNULAR SPACE OF ALL PIPE PENETRATIONS SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE NEW JERSEY UNIFORM CONSTRUCTION CODE.
12. ALL ITEMS OF LABOR, MATERIAL, AND EQUIPMENT NOT SPECIFICALLY DESCRIBED HEREIN NOR DETAILED ON THE DRAWINGS BUT INCIDENTAL TO OR NECESSARY FOR THE COMPLETION OF THE WORK, SHALL BE CONSIDERED AS INCLUDED WITHOUT EXTRA COST.
13. PROVIDE INDIVIDUAL VOLUME DAMPERS FOR BALANCING ON ALL SUPPLY, RETURN, RELIEF, AND EXHAUST MAIN BRANCH AND BRANCH TAKE-OFFS. LOCATE VOLUME DAMPER AS CLOSE AS POSSIBLE TO TAKE OFF POINTS.
14. FLEXIBLE DUCTWORK: FINAL CONNECTIONS TO ALL BOOT ASSEMBLIES, DIFFUSERS AND REGISTERS SHALL BE MADE WITH CODE-APPROVED INSULATED FLEXIBLE DUCT. FLEXIBLE DUCTWORK SHALL NOT EXCEED 6'-0" IN LENGTH IN EITHER MEDIUM OR LOW VELOCITY SYSTEMS, SHALL BE PROPERLY SUPPORTED TO PREVENT KINKS OR SAGS, AND SHALL NOT BE USED AS AN ELBOW. CONNECTIONS SHALL BE SECURED WITH WRAP LOCK CLAMPS AND SEALED WITH DUCT SEALER. INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES WHICH MAY RESTRICT TYPE, LENGTH AND USE OF FLEXIBLE DUCT.
15. CONTRACTOR SHALL PROVIDE AIR FLOW BALANCING SERVICES AND BALANCING REPORT FOR ALL NEW AND RELOCATED DISTRIBUTION INCLUDING ADJACENT/INTERCONNECTED EXISTING DISTRIBUTION THAT MAY BE AFFECTED BY THE WORK.

SYMBOLS



ABBREVIATIONS

AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
ACO	ACOUSTIC LINING
AC	AIR CONDITIONER
ACCU	AIR COOLED CONDENSING UNIT
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
DB/WB	DRY BULB / WET BULB
CFM	CUBIC FEET PER MINUTE
DOAS	DEDICATED OUTSIDE SYSTEM
EAT/LAT	ENTERING AIR TEMPERATURE/LEAVING AIR TEMPERATURE
EF	EXHAUST FAN
EG	EXHAUST GRILLE
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
EWI	ELECTRIC WALL HEATER
FT	FEET
HPCU	HEAT PUMP CONDENSING UNIT
IN	INCH
MBH	BRITISH THERMAL UNIT (1000'S)
MZCU	MULTI ZONE CONDENSING UNIT
RA	RETURN AIR
REF	REFRIGERANT
RG	RETURN GRILLE
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SD	SUPPLY DIFFUSER
SHF	SENSIBLE HEAT FACTOR
TG	TRANSFER GRILLE
TYP	TYPICAL
VAV	VARIABLE AIR VOLUME
WMS	WIRE MESH SCREEN

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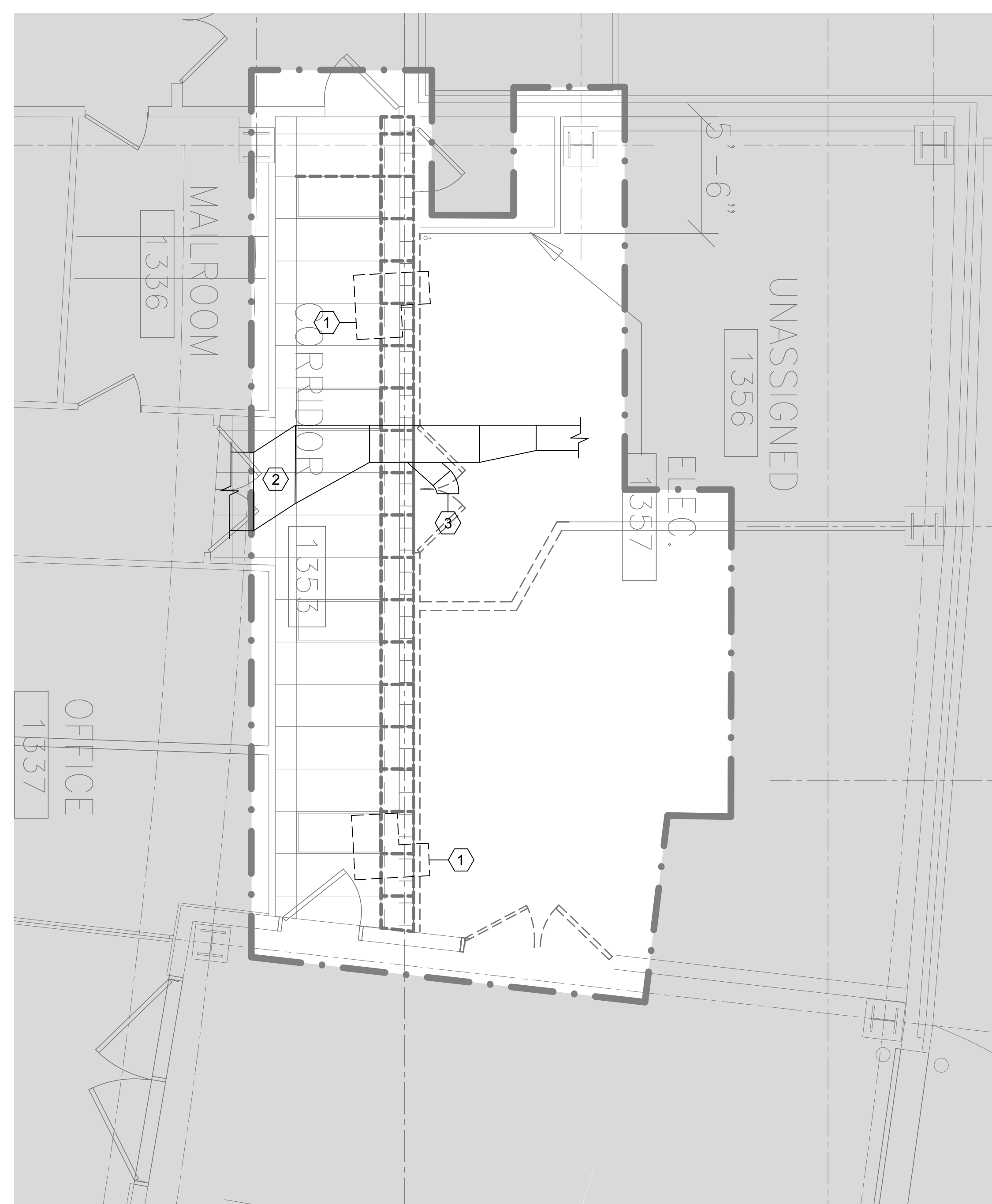


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AIRPORT TERMINAL BUILDING IMPROVEMENTS
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MECHANICAL SYMBOLS, LEGENDS, ABBREVIATIONS AND
GENERAL NOTES

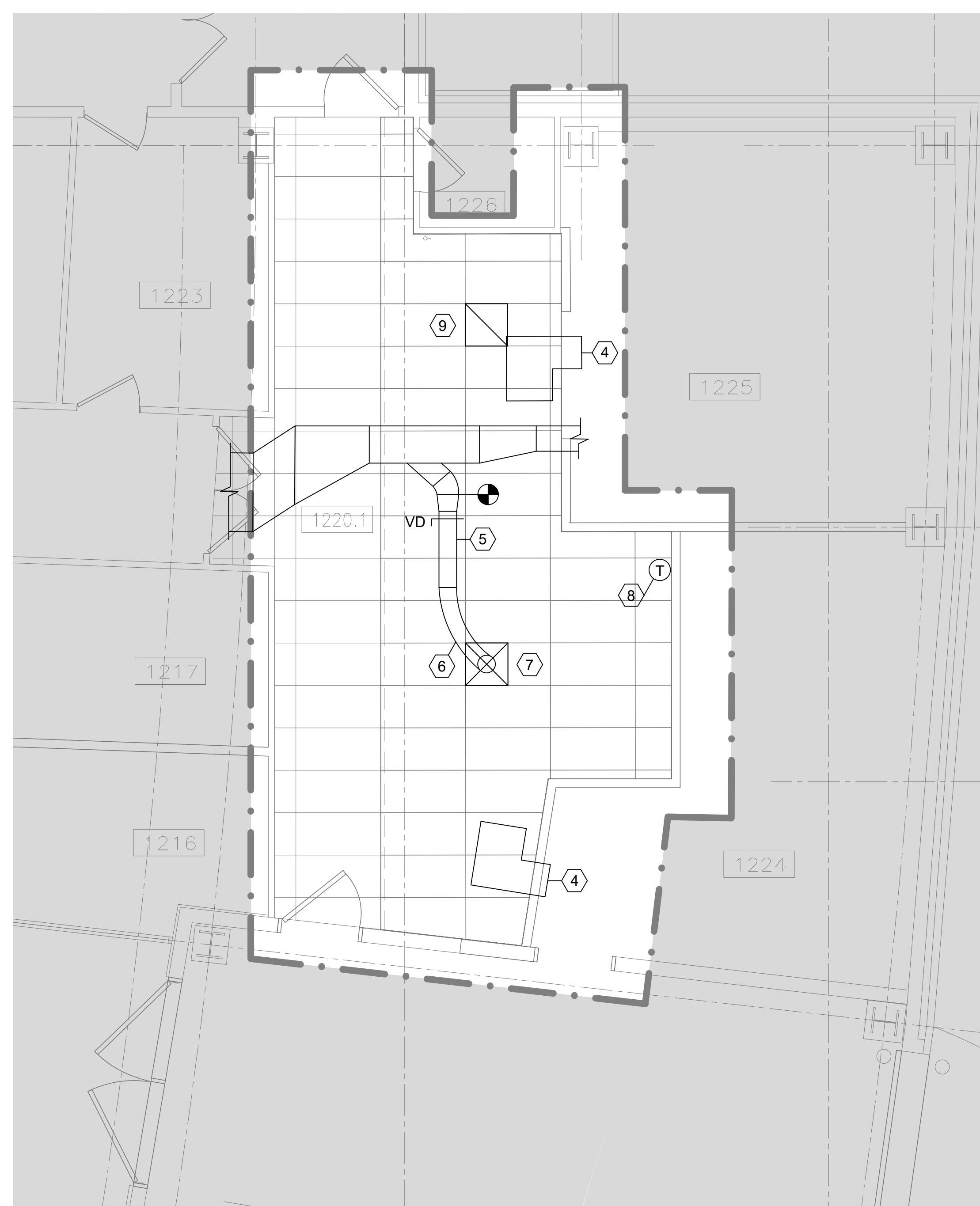
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CAD DWG FILE:	
DESIGNED BY:	AECOM
DRAWN BY:	FS
DEPT CHECK:	QA
PROJ CHECK:	JGG
DATE:	05/24/2024

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1 WORKER CHECKPOINT MECHANICAL DEMOLITION RCP - LEVEL 1

Scale: 1/4" = 1'-0"

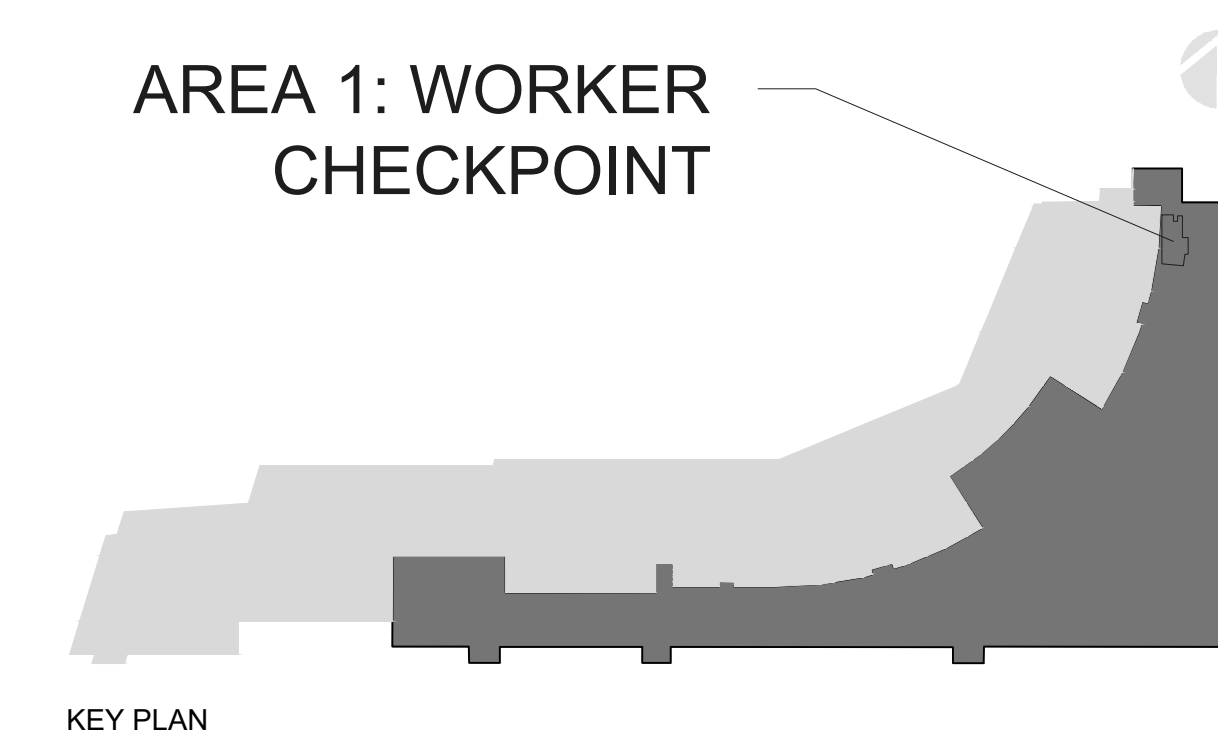


2 WORKER CHECKPOINT MECHANICAL PROPOSED RCP - LEVEL 1

Scale: 1/4" = 1'-0"

- DRAWING KEYNOTES: #

1. EXISTING TRANSFER DUCT TO BE RELOCATED.
2. EXISTING SUPPLY AIR DUCT TO REMAIN.
3. EXISTING Ø12" CAPPED RIGID DUCT.
4. RELOCATED EXISTING TRANSFER DUCT. COORDINATE WITH THE OTHER SERVICES ABOVE THE REFLECTED CEILING PLAN.
5. PROVIDE NEW Ø10" RIGID ROUND INSULATED DUCT. CONNECT TO AN EXISTING Ø12" CAPPED DUCT.
6. PROVIDE Ø10" FLEXIBLE DUCT UP TO 6 FEET LENGTH.
7. PROVIDE VAV CEILING AIR DIFFUSER TO SUPPLY 360 CFM. BASIS OF DESIGN VAV DIFFUSER MODEL IS PPD FROM M/S PRICE OR APPROVED EQUAL. PROVIDE DIFFUSER-MOUNTED 20VA TRANSFORMER.
8. PROVIDE WALL MOUNTED THERMOSTAT TO CONTROL VAV SUPPLY AIR DIFFUSER FROM PRICE OF APPROVED EQUAL. WALL MOUNTED THERMOSTAT SHALL BE FULLY COMPATIBLE WITH DIFFUSER CONTROLLER.
9. PROVIDE 24"x24" NEW CEILING MOUNTED RETURN AIR GRILLE.



KEY PLAN

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 PORT TERMINAL BUILDING IMPROVEMENTS
 AWIP : BHS-TC2/TC4 : A-WING OFFICES
 WORKER CHECKPOINT AREA DEMOLITION AND
 PROPOSED RCP'S

PROJECT NO:	60638480-T029
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DESIGNED BY:	AECOM
DRAWN BY:	FS
DEPT CHECK:	OA
PROJ CHECK:	JGG
DATE:	05/24/2024

M1.102



1 TC-2 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1

Scale: $1/4'' = 1'-0''$

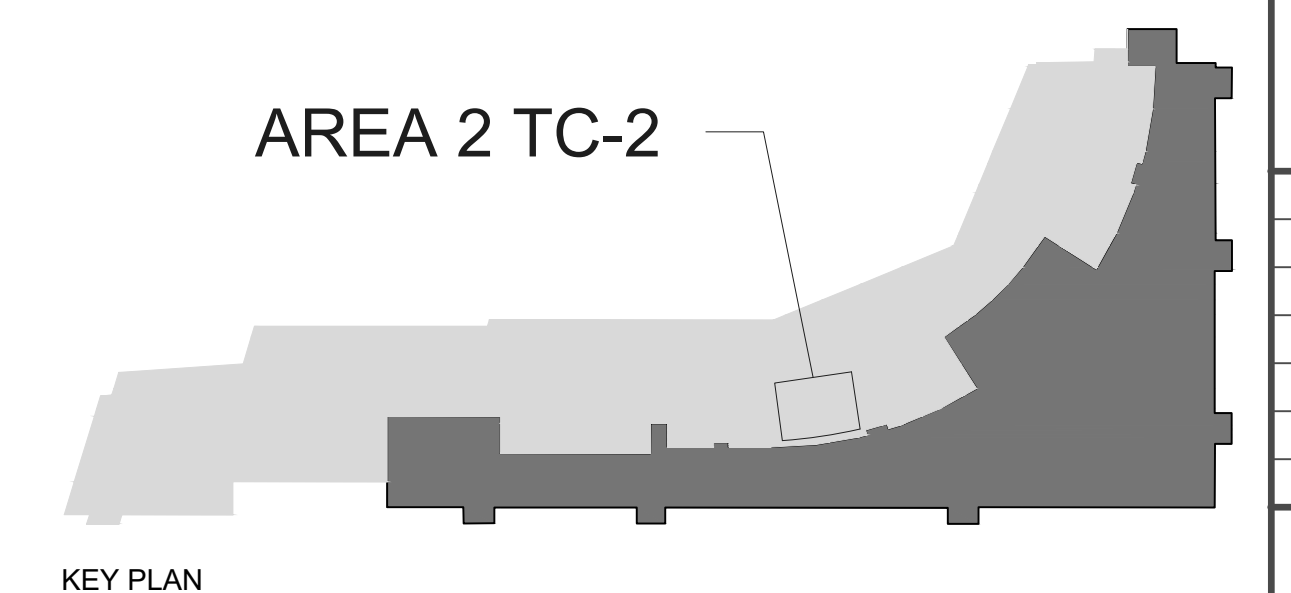


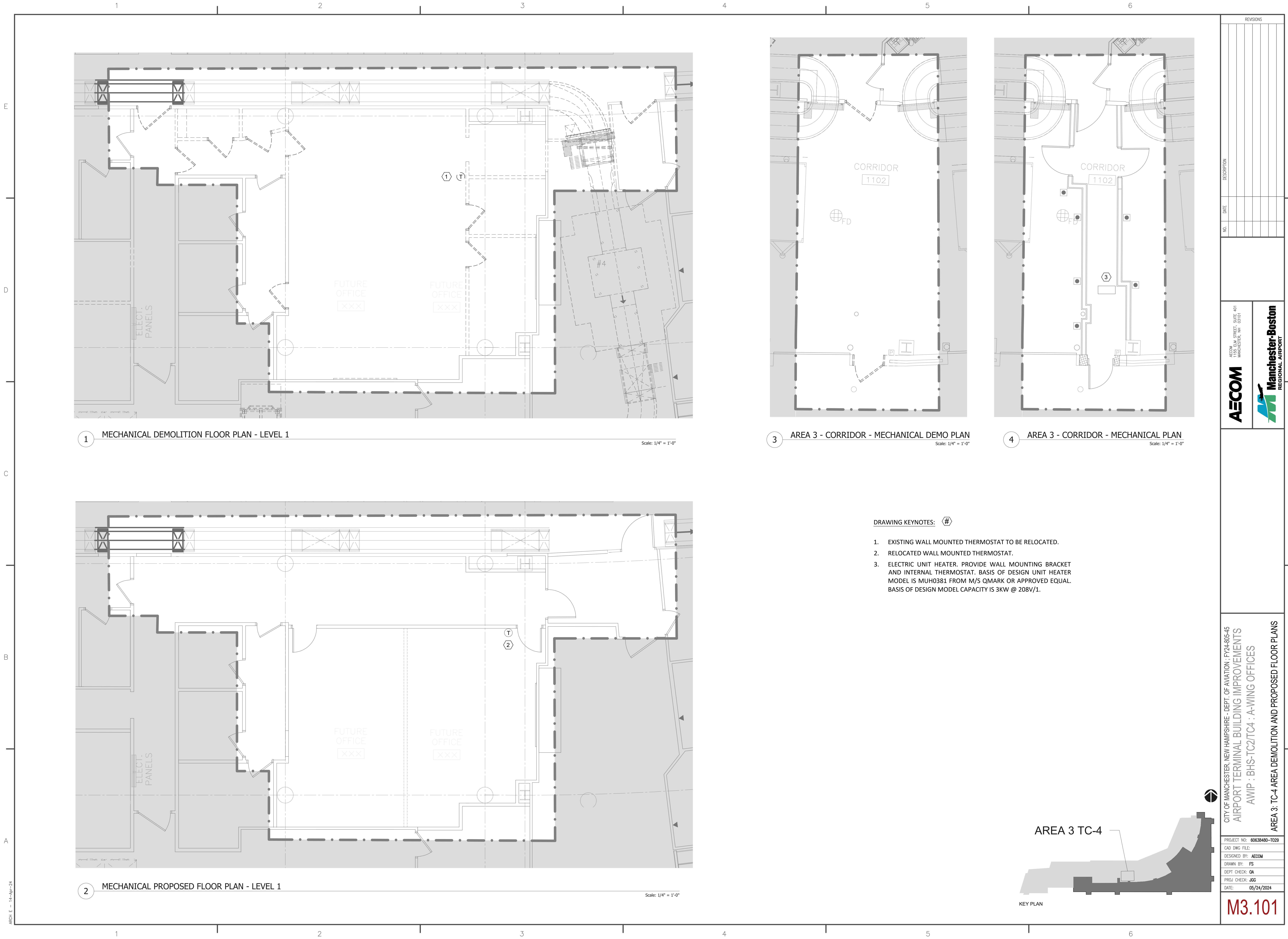
2 TC-2 MECHANICAL PROPOSED FLOOR PLAN - LEVEL 1

Scale: 1/4" = 1'-0"

DRAWING KEYNOTES: 

1. EXISTING SPLIT SYSTEM INDOOR WALL MOUNTED UNIT AND ASSOCIATED WALL MOUNTED THERMOSTAT TO BE MOVED TO SPACE NUMBER 1179. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR POWER, CONTROLS AND REFRIGERANT LINES DISCONNECT.
2. EXISTING SPLIT SYSTEM INDOOR WALL MOUNTED UNIT AND ASSOCIATED WALL MOUNTED THERMOSTAT TO BE RELOCATED WITHIN SPACE NUMBER 1177. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR POWER, CONTROLS AND REFRIGERANT LINES DISCONNECT.
3. EXISTING SPLIT SYSTEM INDOOR WALL MOUNTED UNIT AND ASSOCIATED WALL MOUNTED THERMOSTAT TO BE MOVED TO SPACE NUMBER 1171. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR POWER, CONTROLS AND REFRIGERANT LINES DISCONNECT.
4. RELOCATED SPLIT SYSTEM INDOOR WALL MOUNTED UNIT AND ASSOCIATED WALL MOUNTED THERMOSTAT. PROVIDE A NEW DISCONNECT SWITCH. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR POWER, CONTROLS AND REFRIGERANT LINES RECONNECTION.

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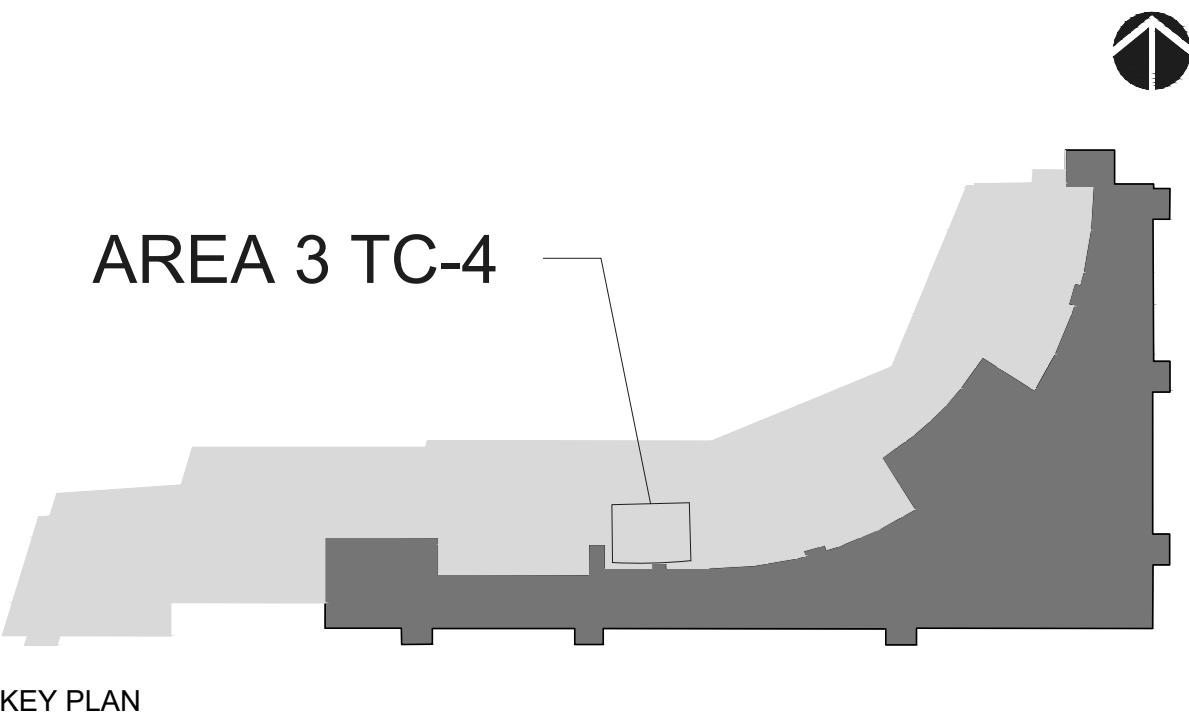
1 MECHANICAL DEMOLITION FLOOR PLAN - LEVEL 1
Scale: 1/4" = 1'-0"

3 AREA 3 - CORRIDOR - MECHANICAL DEMO PLAN
Scale: 1/4" = 1'-0"

4 AREA 3 - CORRIDOR - MECHANICAL PLAN
Scale: 1/4" = 1'-0"

2 MECHANICAL PROPOSED FLOOR PLAN - LEVEL 1
Scale: 1/4" = 1'-0"

- DRAWING KEYNOTES: (#)
- 1. EXISTING WALL MOUNTED THERMOSTAT TO BE RELOCATED.
 - 2. RELOCATED WALL MOUNTED THERMOSTAT.
 - 3. ELECTRIC UNIT HEATER. PROVIDE WALL MOUNTING BRACKET AND INTERNAL THERMOSTAT. BASIS OF DESIGN UNIT HEATER MODEL IS MUH0381 FROM M/S QMARK OR APPROVED EQUAL. BASIS OF DESIGN MODEL CAPACITY IS 3KW @ 208V/1.

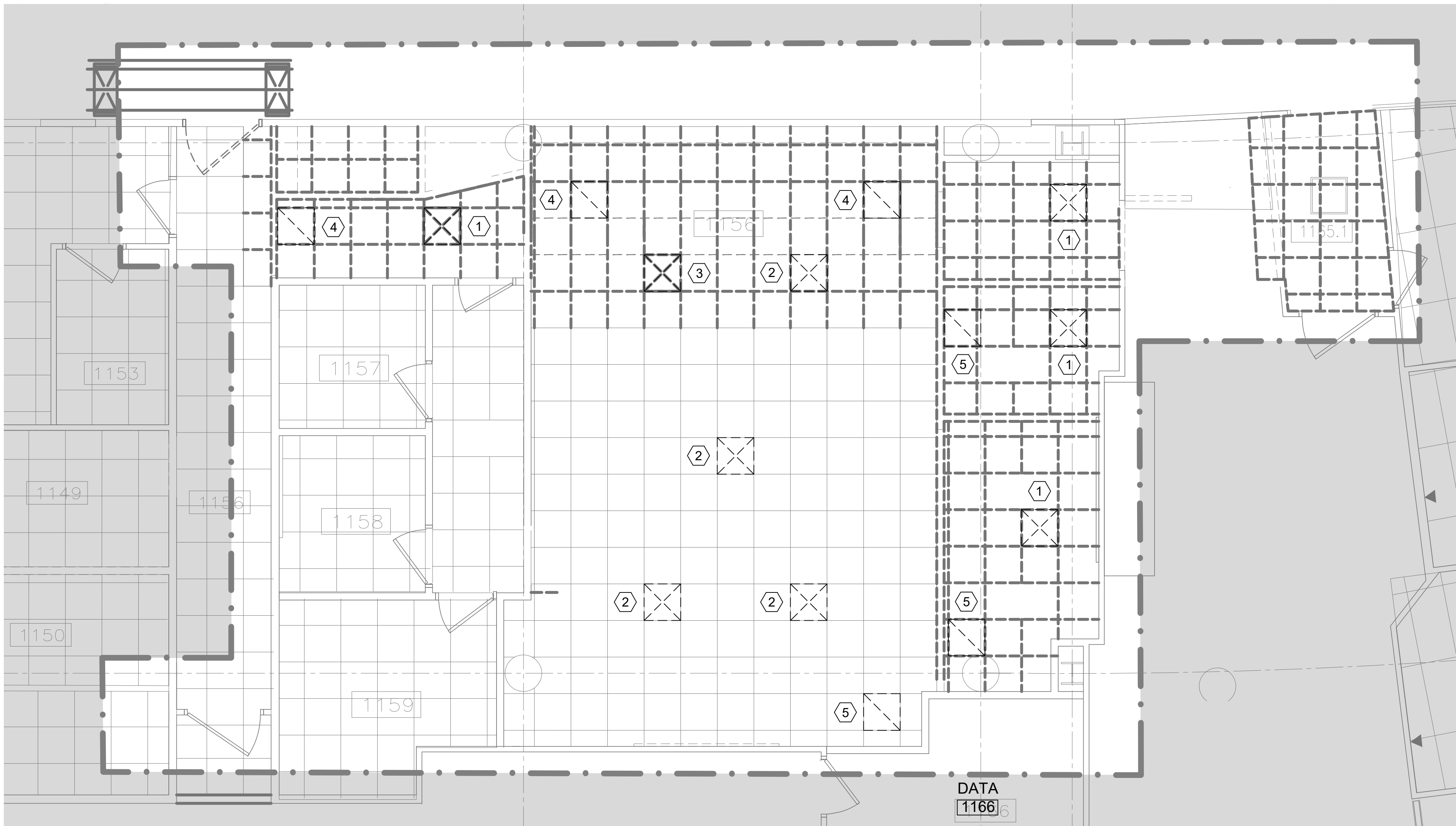


REVISIONS	
NO.	DESCRIPTION

PROJECT NO: 60638480-1029	AECOM 1100 ELW STREET, SUITE 401 MANCHESTER, NH 03101 Manchester-Boston REGIONAL AIRPORT
CAD DWG FILE:	
DESIGNED BY: AECOM	
DRAWN BY: FS	
DEPT CHECK: OA	
PROJ CHECK: JGG	
DATE: 05/24/2024	

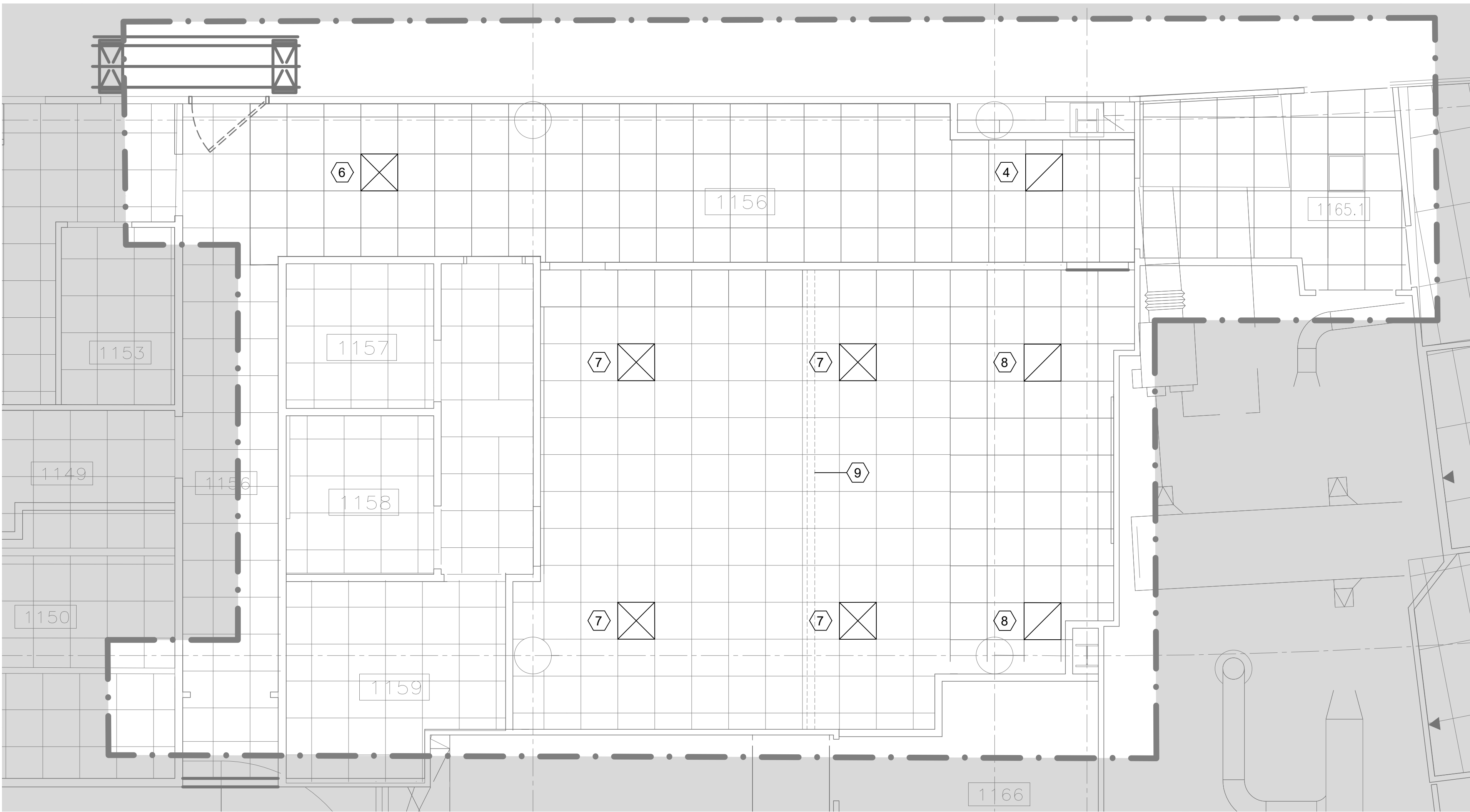
CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 3: TC-4 AREA DEMOLITION AND PROPOSED FLOOR PLANS

M3.101



1 TC-4 MECHANICAL DEMOLITION RCP - LEVEL 1

Scale: 1/4" = 1'-0"

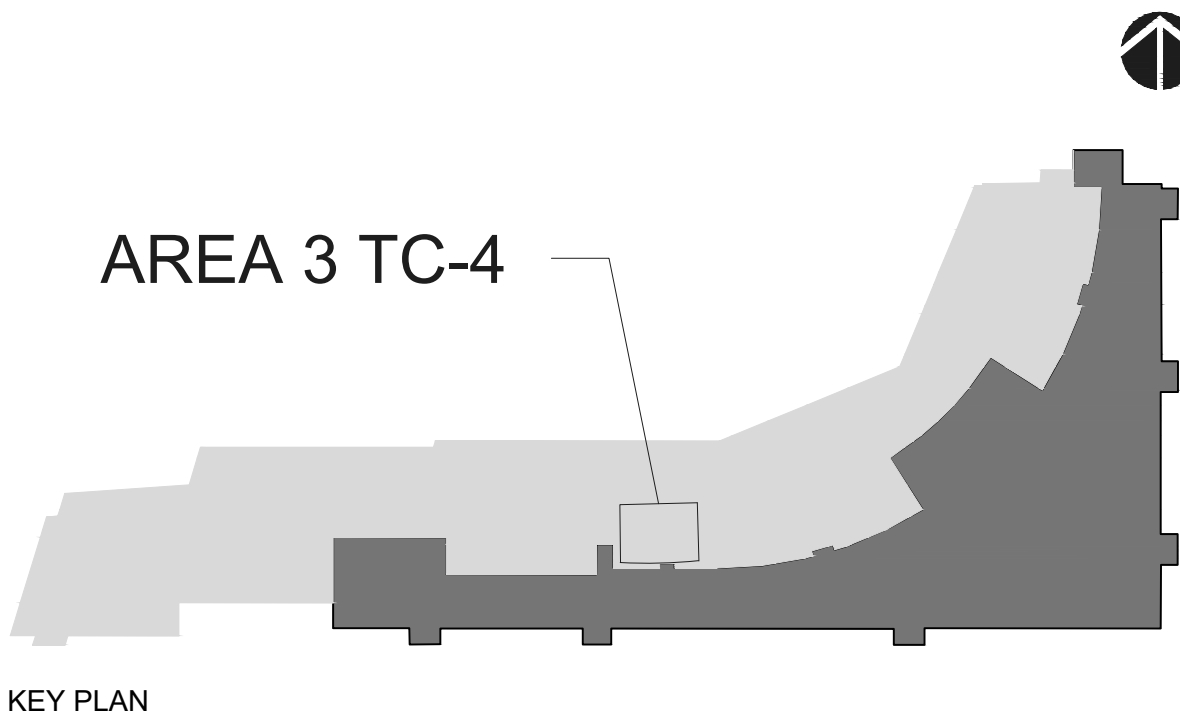


2 TC-4 MECHANICAL PROPOSED RCP - LEVEL 1

Scale: 1/4" = 1'-0"

DRAWING KEYNOTES: (#)

1. EXISTING SUPPLY AIR DIFFUSER TO BE DEMOLISHED.
2. EXISTING SUPPLY AIR DIFFUSER TO BE RELOCATED.
3. EXISTING SUPPLY AIR DIFFUSER TO BE RELOCATED WITHIN SPACE NUMBER 1156. EXISTING RETURN AIR GRILLE TO BE RELOCATED.
4. EXISTING RETURN AIR GRILLE TO BE RELOCATED.
5. EXISTING RETURN AIR GRILLE TO BE DEMOLISHED.
6. RELOCATED 24"x24" AIR DIFFUSER TO SUPPLY 325 CFM. PROVIDE Ø10" RIGID AND FLEXIBLE DUCT TO CONNECT THIS DIFFUSER TO THE EXISTING DUCT WORK. EXTEND FLEXIBLE DUCT UP TO 6 FEET LENGTH.
7. RELOCATED 24"x24" AIR DIFFUSER TO SUPPLY 400 CFM. PROVIDE Ø12" RIGID AND FLEXIBLE DUCT TO CONNECT THIS DIFFUSER TO THE EXISTING DUCT WORK. EXTEND FLEXIBLE DUCT UP TO 6 FEET LENGTH.
8. RELOCATED RETURN AIR GRILLE.
9. FUTURE WALL BY OTHERS LATER.



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NO.	DATE	DESCRIPTION	

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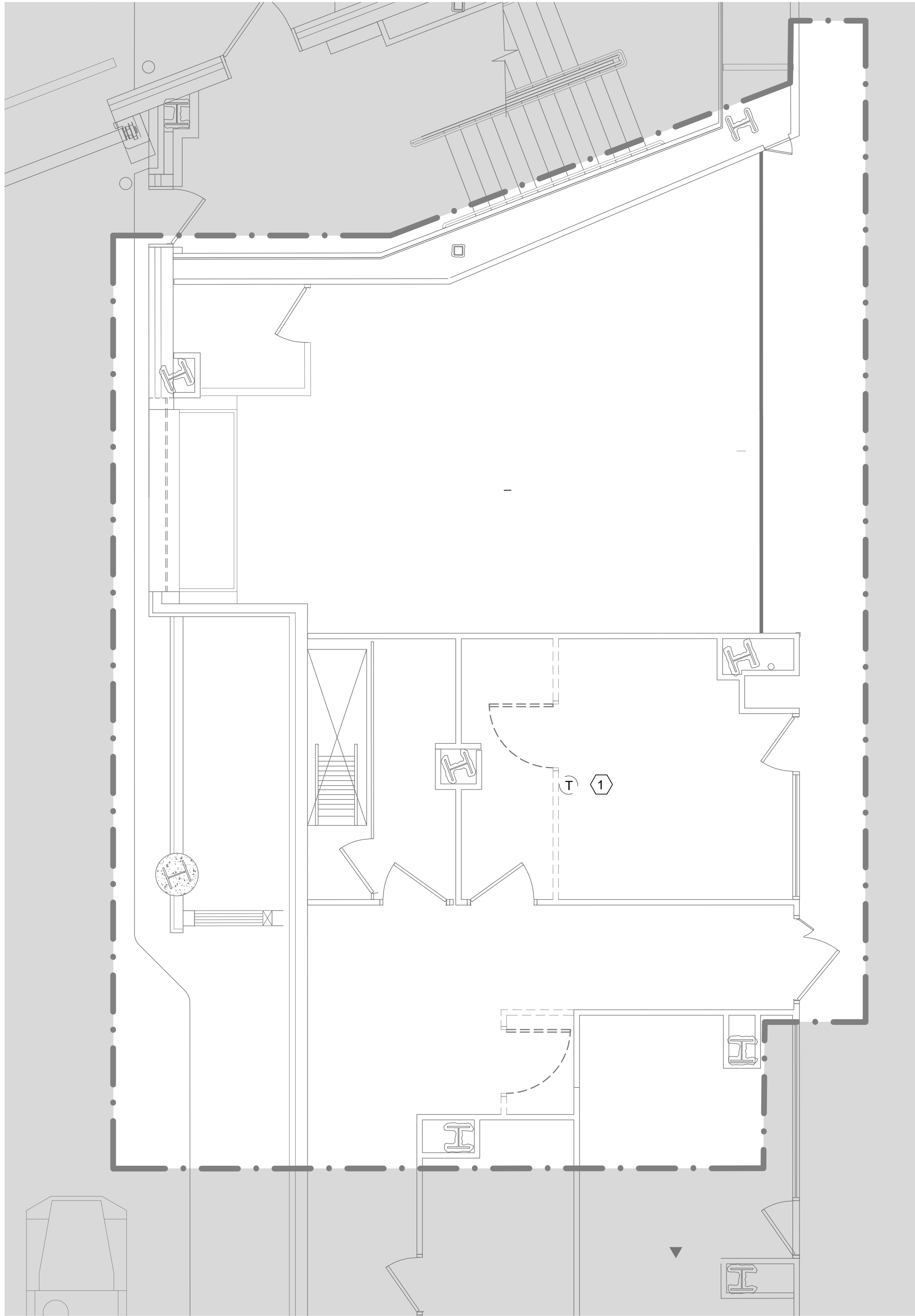
CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 3: TC-4 AREA DEMOLITION AND PROPOSED REFLECTED
CEILING PLANS

PROJECT NO: 60638480-1029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: FS
DEPT CHECK: OA
PROJ CHECK: JGG
DATE: 05/24/2024

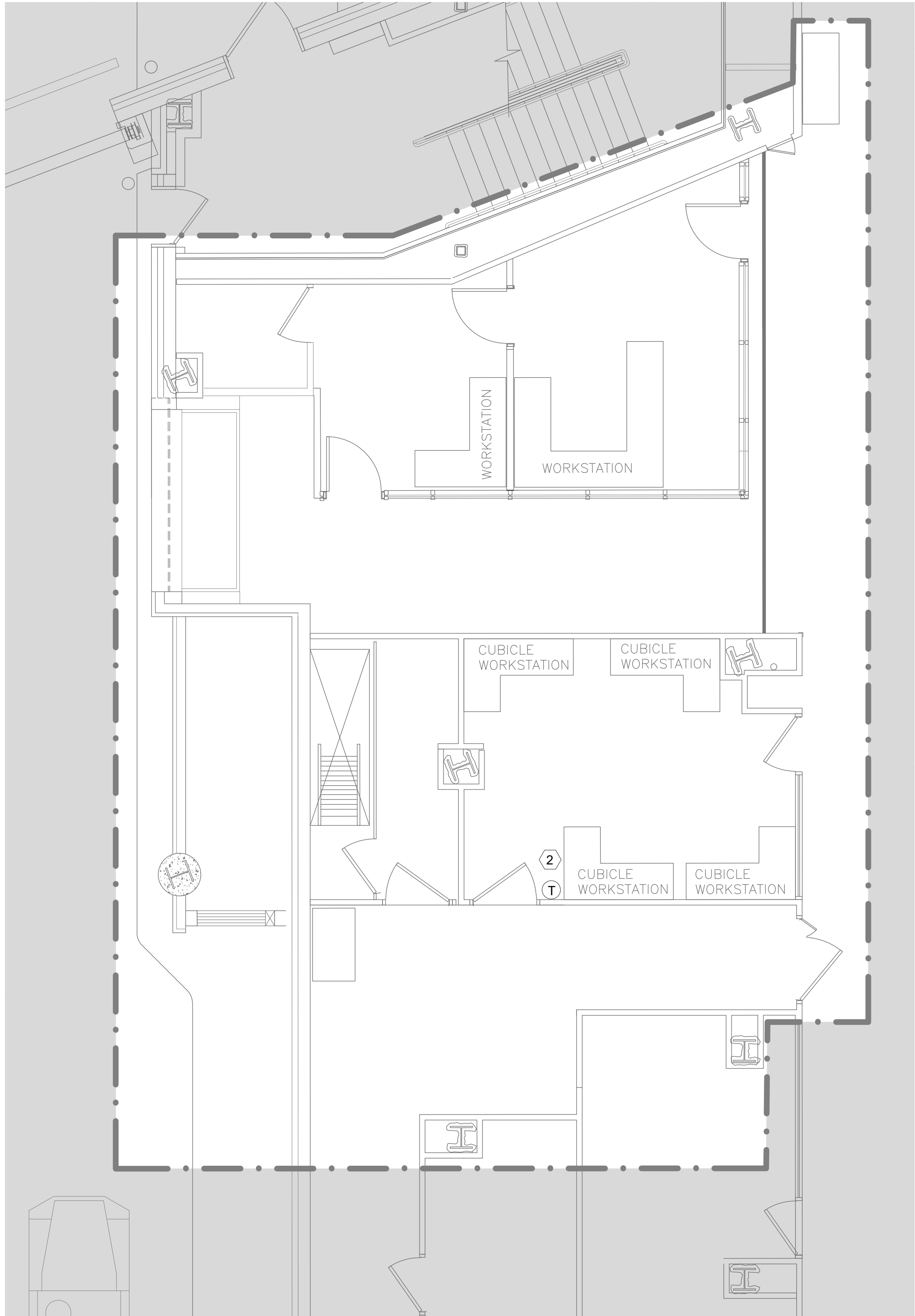
M3.102

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



2 MECHANICAL PROPOSED FLOOR PLAN - LEVEL 1
Scale: 1/4" = 1'-0"

- DRAWING KEYNOTES: #
1. EXISTING WALL MOUNTED THERMOSTAT TO BE RELOCATED.
 2. RELOCATED WALL MOUNTED THERMOSTAT. PROVIDE ALL REQUIRED CONDUIT AND WIRING.



REVISIONS			
NO.	DATE	DESCRIPTION	

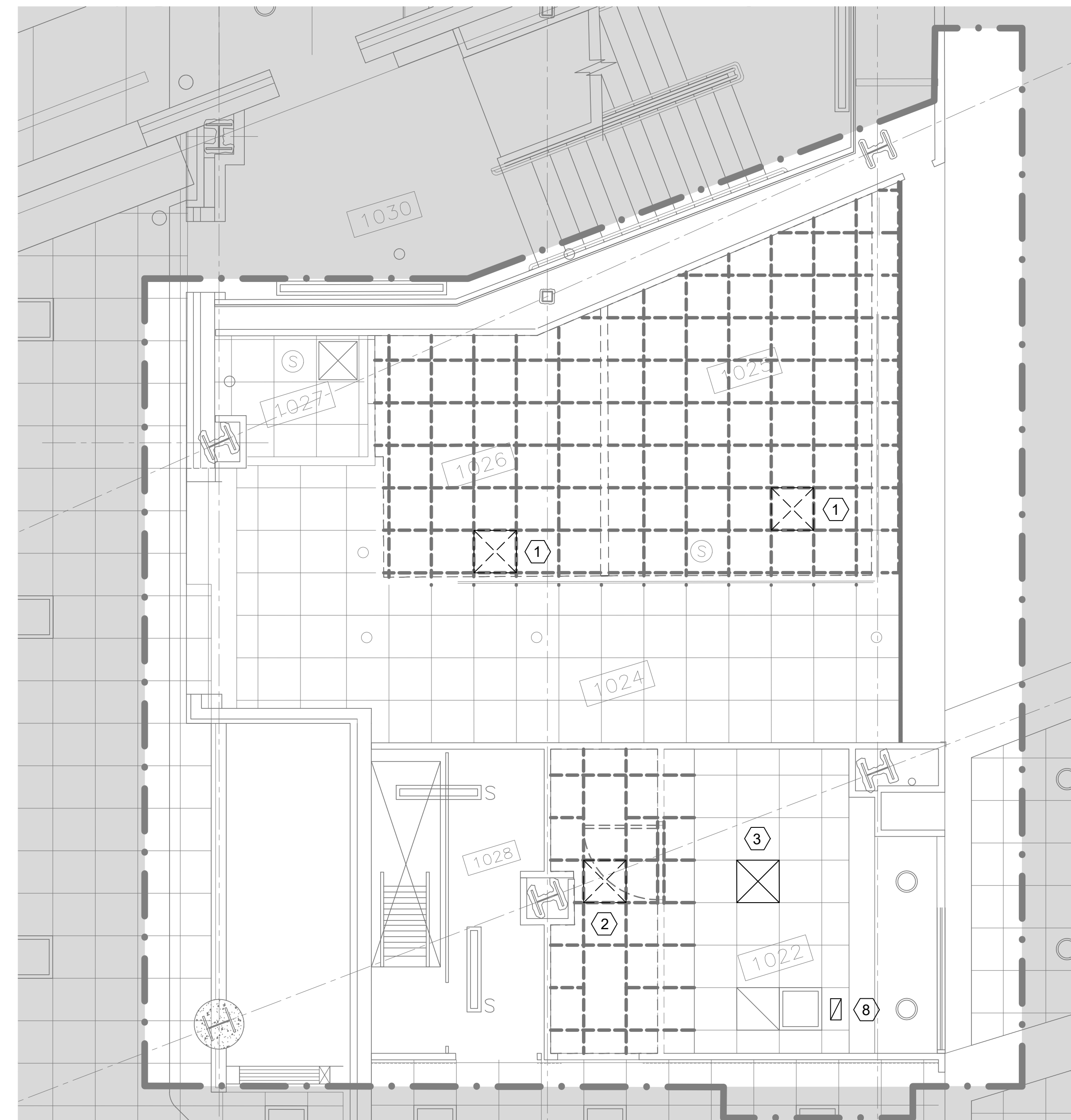
1100 ELW STREET, SUITE 401
MANCHESTER, NH 03101

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REGIONAL AIRPORT

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 4: A-WING DEMOLITION AND PROPOSED FLOOR PLANS

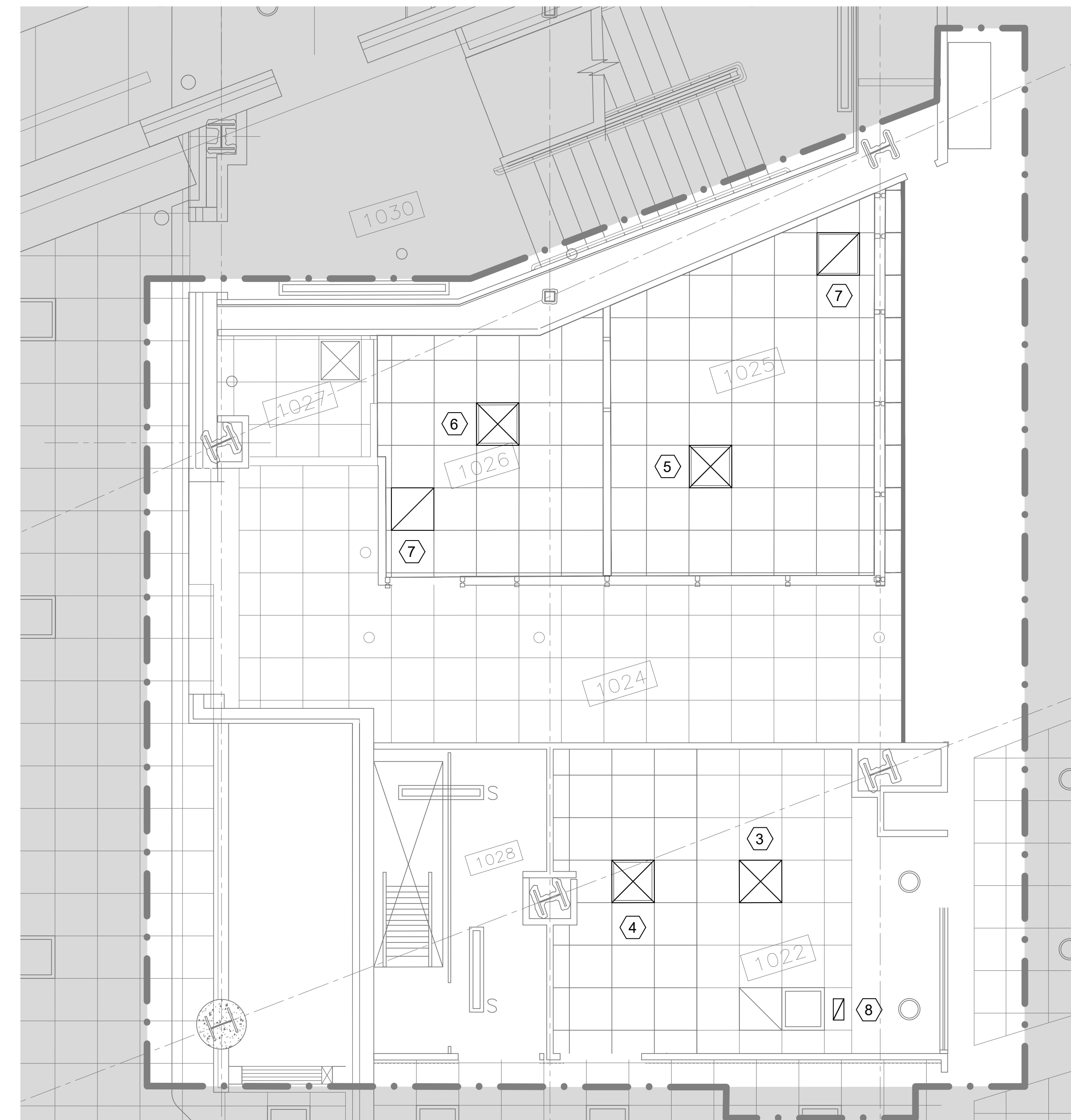
PROJECT NO:	60638480-1029
CAD DWG FILE:	
DESIGNED BY:	AECOM
DRAWN BY:	FS
DEPT CHECK:	QA
PROJ CHECK:	JGG
DATE:	05/24/2024

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1 A-WING MECHANICAL DEMOLITION RCP - LEVEL 1

Scale: 1/4" = 1'-0"

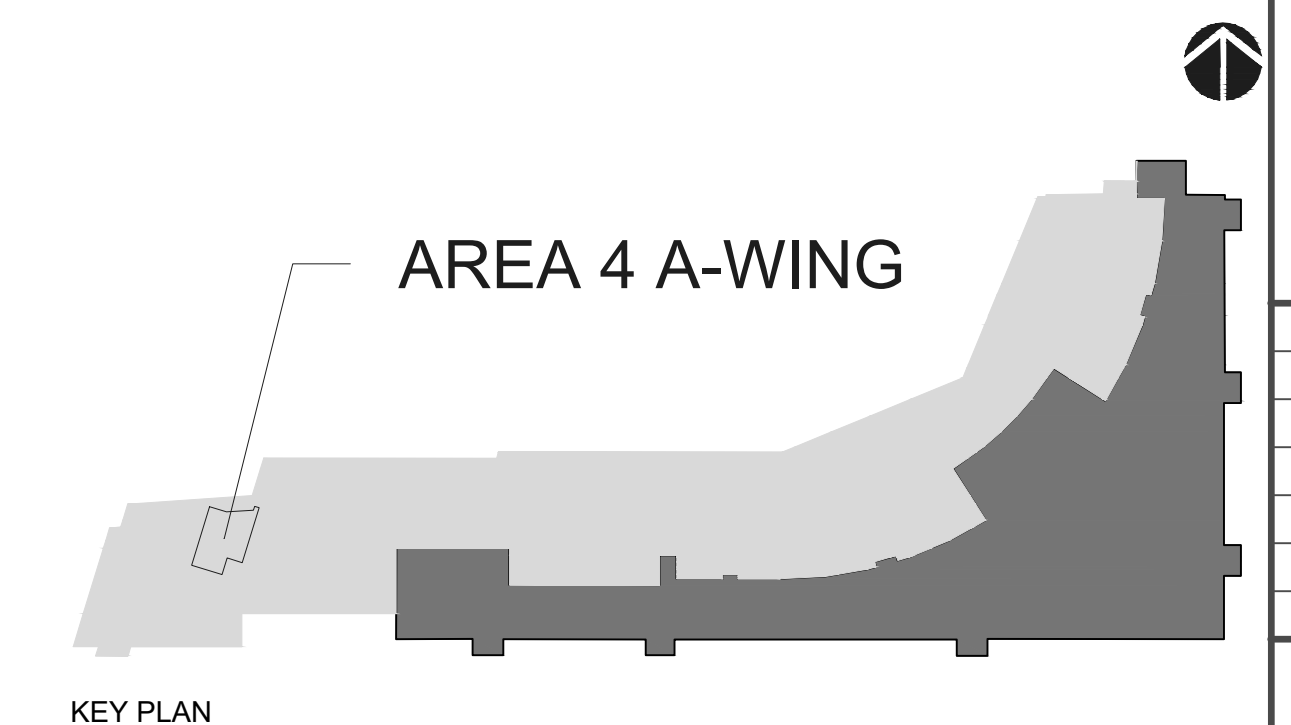


2 A-WING MECHANICAL PROPOSED RCP - LEVEL 1

Scale: 1/4" = 1'-0'

- DRAWING KEYNOTES: 

1. EXISTING SUPPLY AIR DIFFUSER TO BE DEMOLISHED.
2. EXISTING SUPPLY AIR DIFFUSER TO BE RELOCATED WITHIN THE SAME SPACE.
3. EXISTING SUPPLY AIR DIFFUSER TO REMAIN.
4. RELOCATED SUPPLY AIR DIFFUSER.
5. PROVIDE 24"x24" NEW CEILING AIR DIFFUSER TO SUPPLY 220 CFM. PROVIDE Ø8" RIGID AND FLEXIBLE DUCT TO CONNECT THIS DIFFUSER TO THE EXISTING DUCT WORK. EXTEND FLEXIBLE DUCT UP TO 6 FEET LENGTH.
6. PROVIDE 24"x24" NEW CEILING AIR DIFFUSER TO SUPPLY 170 CFM. PROVIDE Ø8" RIGID AND FLEXIBLE DUCT TO CONNECT THIS DIFFUSER TO THE EXISTING DUCT WORK. EXTEND FLEXIBLE DUCT UP TO 6 FEET LENGTH.
7. PROVIDE 24"x24" NEW CEILING MOUNTED RETURN AIR GRILLE.
8. EXISTING 10"x6" RETURN AIR GRILLE TO REMAIN.



KEY PLAN

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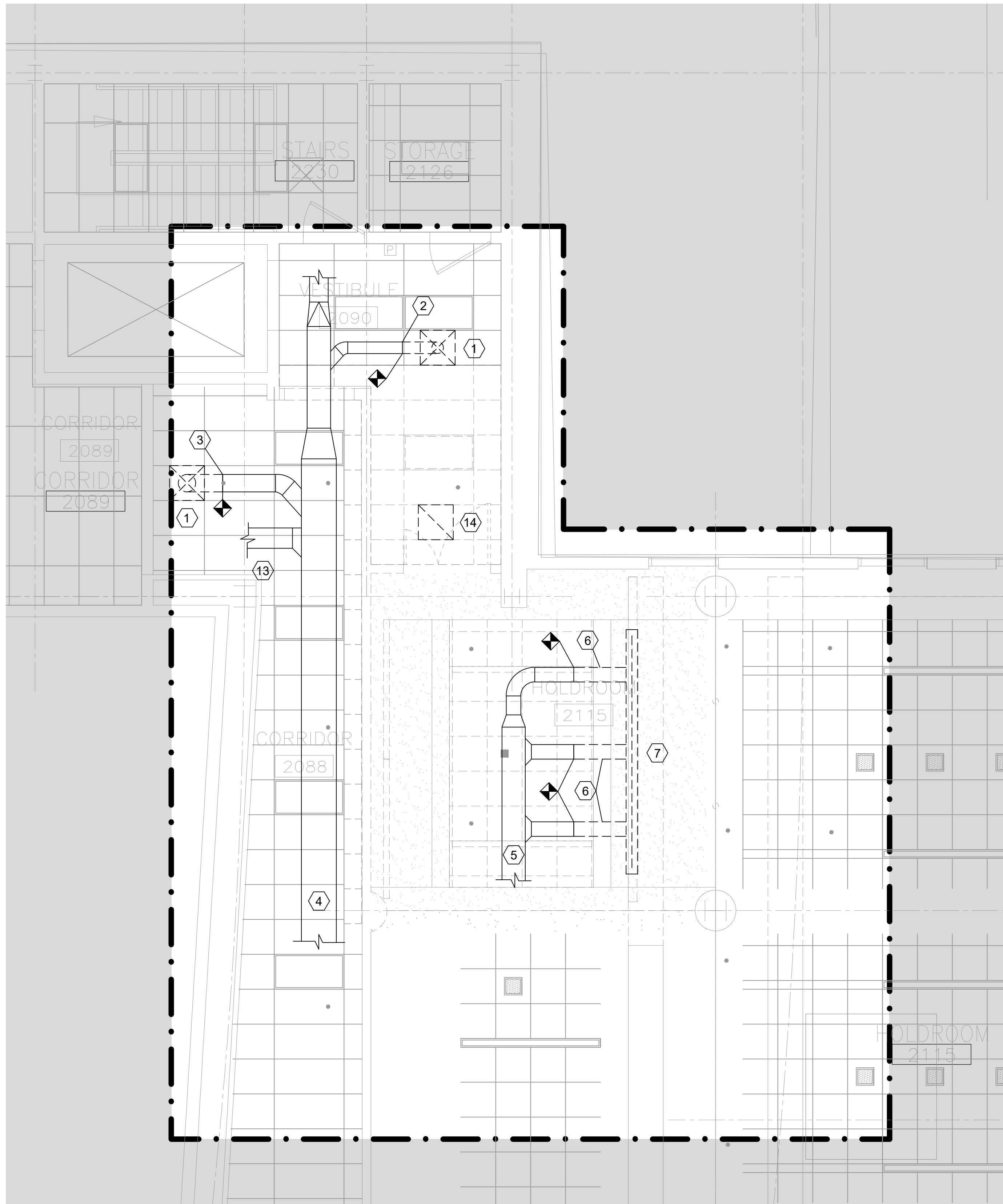
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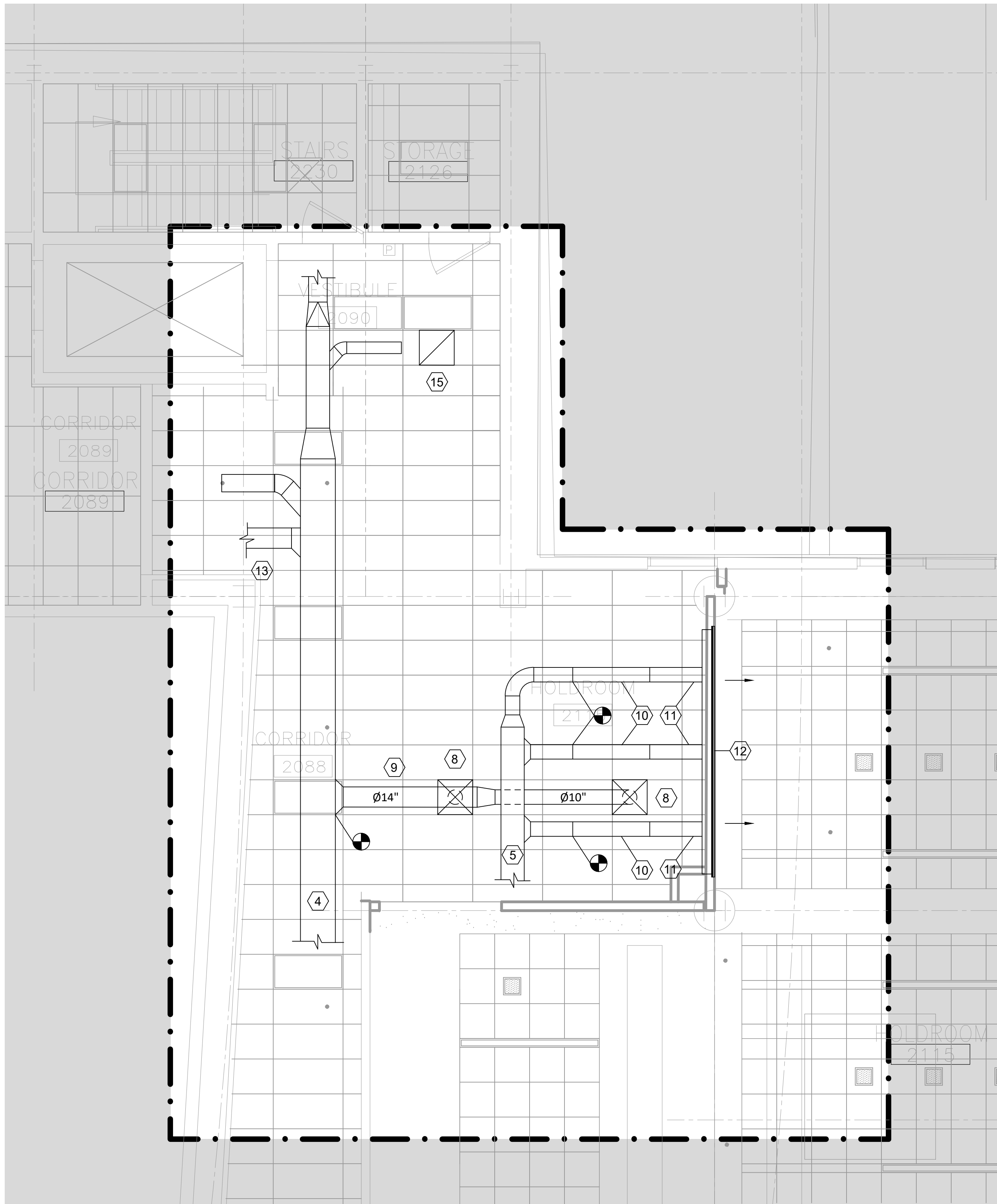


1 DEMOLITION MECHANICAL REFLECTED CEILING PLAN - LEVEL 2

Scale: 1/4" = 1'-0"

DRAWING KEYNOTES: (#)

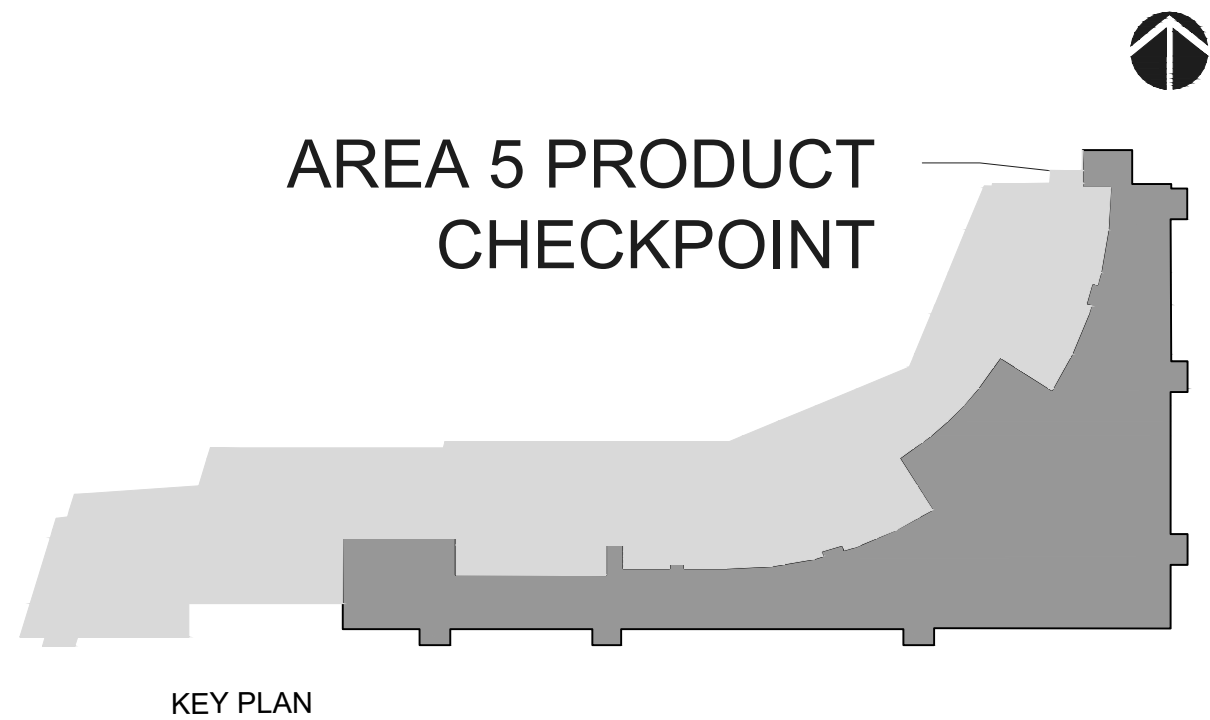
- EXISTING SUPPLY AIR DIFFUSER WITH ASSOCIATED FLEXIBLE DUCT TO BE DEMOLISHED.
- EXISTING Ø8" RIGID DUCT TO BE CAPPED.
- EXISTING Ø12" RIGID DUCT TO BE CAPPED.
- EXISTING 24"x18" DUCT TO REMAIN.
- EXISTING Ø16" RIGID DUCT TO REMAIN.
- EXISTING Ø10" FLEXIBLE DUCT TO BE DEMOLISHED.
- EXISTING SIDEWALL LINEAR SUPPLY AIR DIFFUSER AND ASSOCIATED PLENUM TO BE RELOCATED.
- PROVIDE 24"x24" NEW CEILING AIR DIFFUSER TO SUPPLY 360 CFM. PROVIDE Ø10" RIGID AND FLEXIBLE DUCT TO CONNECT THIS DIFFUSER TO THE EXISTING DUCT WORK. EXTEND FLEXIBLE DUCT UP TO 6 FEET LENGTH.
- PROVIDE NEW RIGID ROUND INSULATED DUCT.
- PROVIDE NEW Ø10" RIGID ROUND INSULATED DUCT.



2 PROPOSED MECHANICAL REFLECTED CEILING PLAN - LEVEL 2

Scale: 1/4" = 1'-0"

- PROVIDE Ø10" FLEXIBLE DUCT UP TO 6 FEET LENGTH.
- RELOCATED SIDEWALL LINEAR DIFFUSER AND ASSOCIATED PLENUM. REFER TO SECTION NUMBER 2 ON DRAWING NUMBER A5.103 FOR FURTHER DETAILS ABOUT THE CEILING VOID AND STRUCTURAL FRAMING FOR THE NEW WALL AND CEILING. EXISTING LINEAR DIFFUSER PLENUM MIGHT REQUIRE AN ADJUSTMENT FOR THE REINSTALLATION BASED ON THE NEW WALL AND CEILING CONFIGURATION.
- EXISTING 14"x12" SUPPLY DUCT TO REMAIN.
- EXISTING RETURN AIR GRILLE TO BE RELOCATED.
- RELOCATED RETURN AIR GRILLE.



KEY PLAN

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NO.	DATE	DESCRIPTION

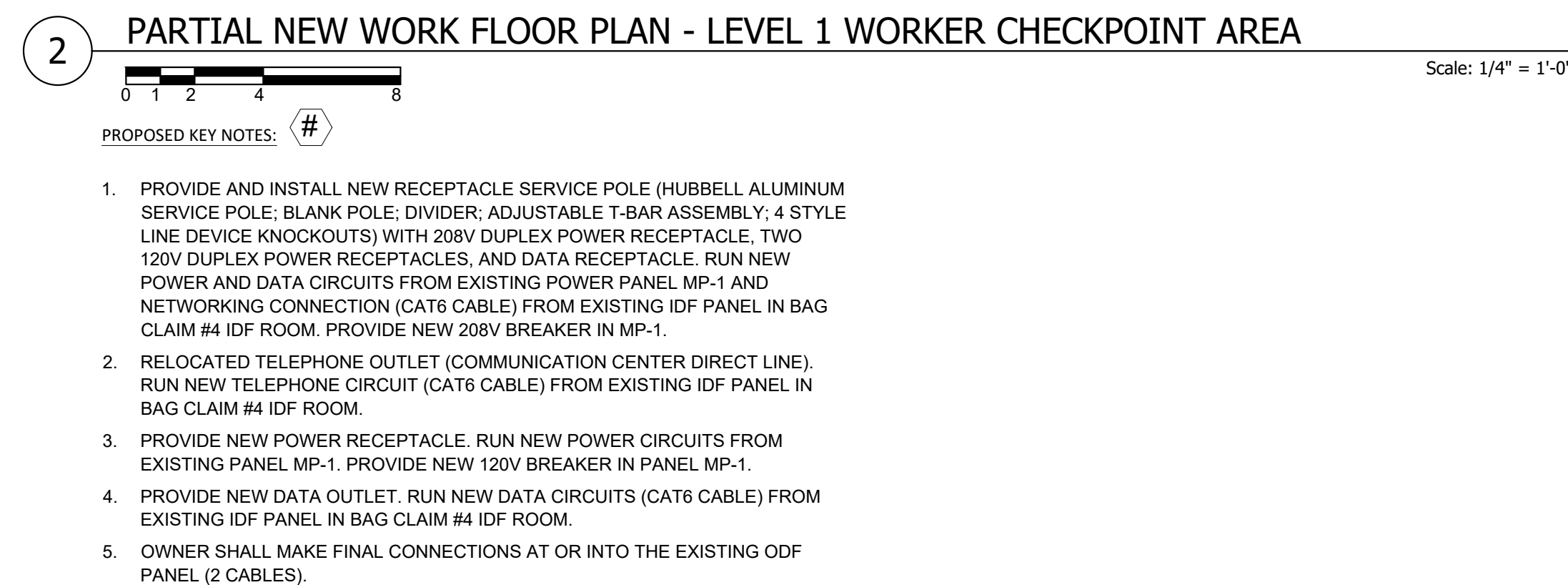
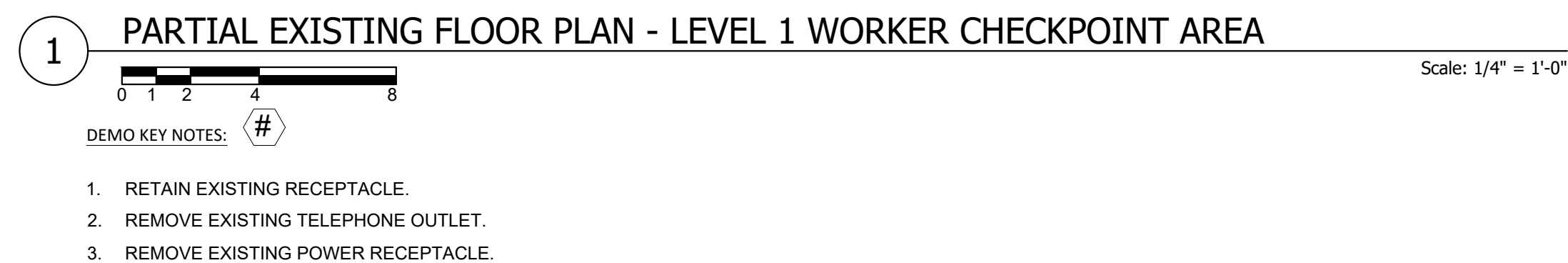
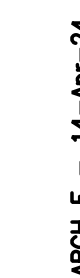
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MANCHESTER, NH 03101

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REGIONAL AIRPORT

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 5 : PRODUCT CHECKPOINT - LEVEL 2 DEMOLITION AND
PROPOSED RCPS

PROJECT NO: 60638480-1029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: FS
DEPT CHECK: OA
PROJ CHECK: JGG
DATE: 05/24/2024

M5.102



AREA 1: WORKER CHECKPOINT

KEY PLAN

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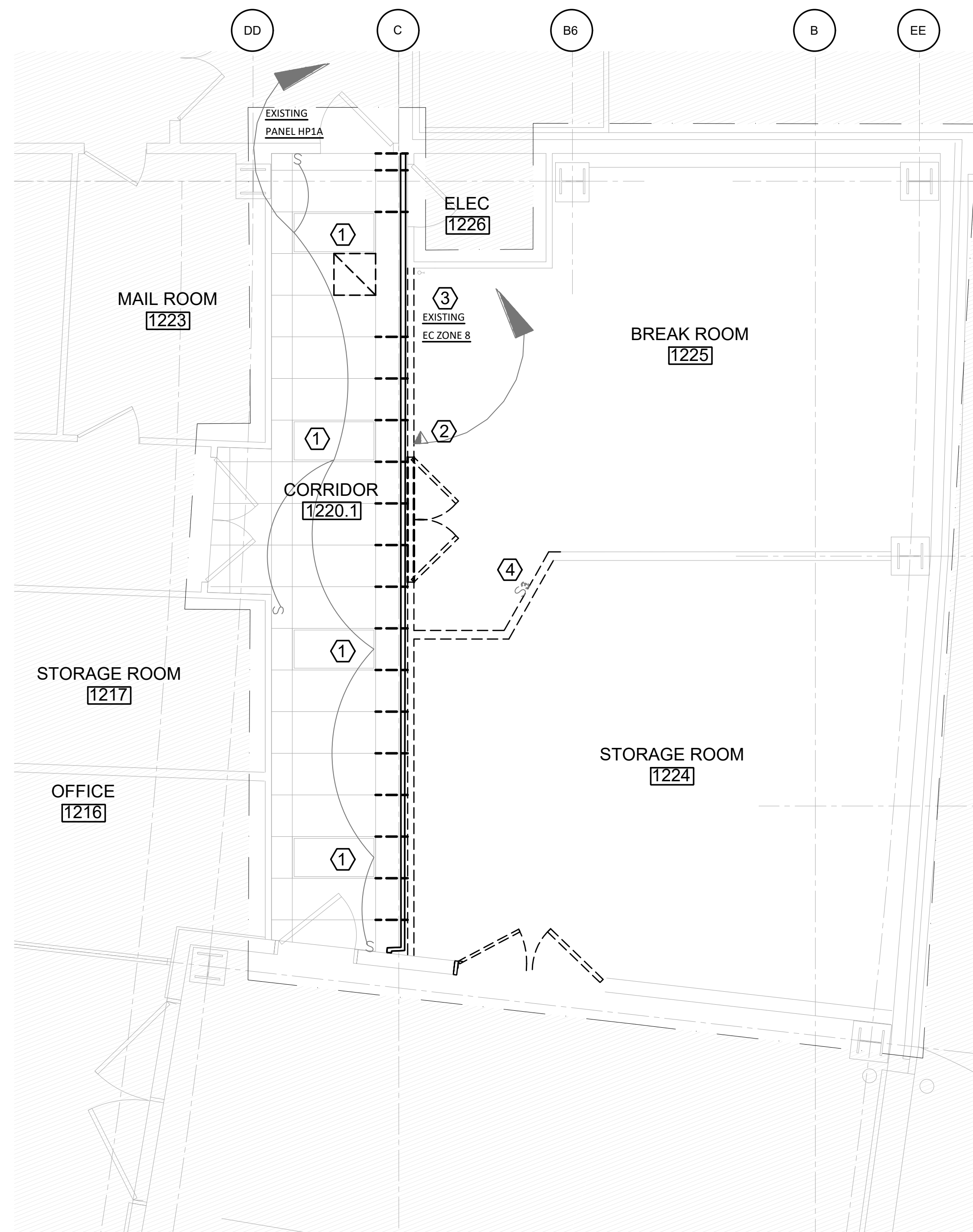
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ARCH E - 14-Apr-24



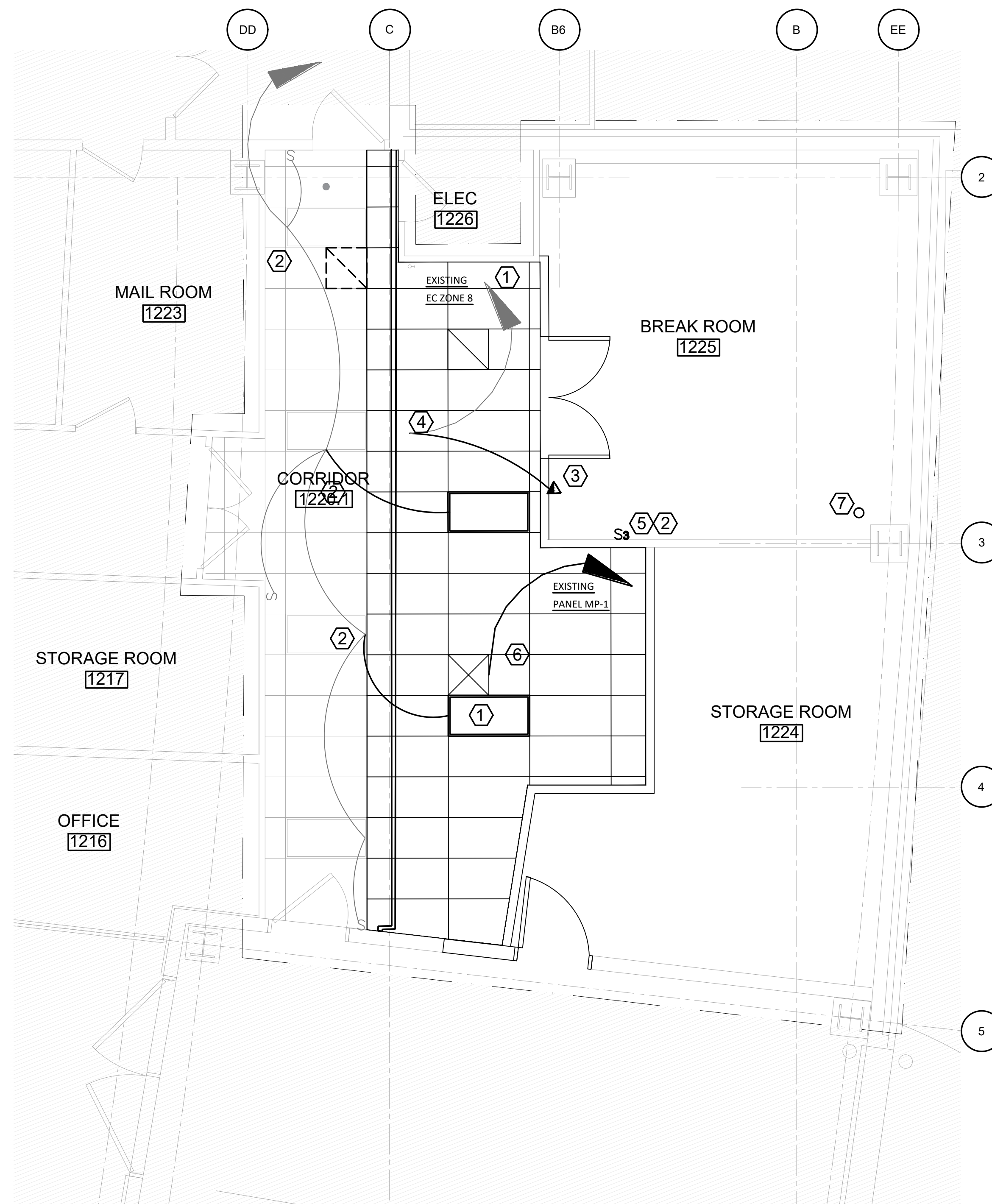
1 PARTIAL EXISTING RCP - LEVEL 1 WORKER CHECKPOINT AREA



Scale: 1/4" = 1'-0"

DEMO KEY NOTES:

1. RETAIN EXISTING 2' x 4' LIGHTING FIXTURES AND LIGHTING CIRCUIT.
2. RELOCATE EXISTING PUBLIC ADDRESS SPEAKER.
3. RETAIN EXISTING PUBLIC ADDRESS SPEAKER CIRCUIT.
4. REMOVE EXISTING LIGHT SWITCH.



2 PARTIAL NEW WORK RCP - LEVEL 1 WORKER CHECKPOINT AREA



Scale: 1/4" = 1'-0"

PROPOSED KEY NOTES:

1. PROVIDE NEW 2 x 4' LIGHTING FIXTURE.
2. EXTEND EXISTING LIGHTING CIRCUIT.
3. RELOCATED EXISTING PUBLIC ADDRESS SPEAKER.
4. EXTEND EXISTING PUBLIC ADDRESS SPEAKER CIRCUIT. EXTEND EXISTING PUBLIC ADDRESS SYSTEM CIRCUIT (EC ZONE 8). REFER TO EXISTING PUBLIC ADDRESS SYSTEM PLAN AND DETAILS.
5. PROVIDE NEW LIGHT SWITCH. RECONNECT WITH EXISTING LIGHTING CIRCUIT FOR BREAK ROOM.
6. PROVIDE POWER TO 20VA TRANSFORMER FOR DIFFUSER FROM NEAR BY EXISTING POWER PANEL.
7. COORDINATE WITH ARCHITECTURAL DRAWING FOR CORE DRILL 6" DIAMETER HOLE IN CONCRETE DECK FOR ELECTRICAL CONDUIT ROUTED UP FROM BELOW ROOM 1225 FOR POWER CIRCUITS FROM PANEL MP-1. CONTRACTOR SHALL LOCATE AND MARK REINFORCING STEEL BY MAGNETIC SCANNING AND ADJUST FINAL LOCATION OF OPENING AND UTILITY AND UTILITY CHASE TO AVOID CUTTING BARS WHERE POSSIBLE. FIRESAFING SEALANT AND F-SEAL CUTTING BARS SHALL BE PROVIDED TO SEAL OPENING AROUND CONDUIT.

DRAWING NOTES:

1. REFER TO DRAWING E.001 FOR ELECTRICAL GENERAL NOTES, ABBREVIATIONS AND LEGEND.
2. REFER TO ARCHITECTURAL, MECHANICAL, FIRE ALARM, FIRE PROTECTION AND LIFE SAFETY DRAWINGS FOR ADDITIONAL INFORMATION DETAILS.
3. COORDINATE WITH AIRPORT AUTHORITY TO CONFIRM EXISTING LIGHTING AND POWER PANEL SPACE CAPACITY.
4. COORDINATE WITH AIRPORT AUTHORITY TO VERIFY EXISTING LIGHTING AND POWER CIRCUITS, AND REUSE OR EXTEND.
5. COORDINATE WITH AIRPORT AUTHORITY TO STORE AND REINSTALL EXISTING EQUIPMENT TO REUSE.
6. REFER TO EXISTING ELECTRICAL DRAWING NO. (E.2.1) 1ST FLOOR LIGHTING PART PLAN-NORTH.
7. REFER TO EXISTING ELECTRICAL DRAWING NO. (E.4.1 AND E.4.2) PUBLIC ADDRESS SYSTEM PLANS.

PROPOSED LIGHTING FIXTURE SCHEDULE							
MARK	DESCRIPTION	LUMEN OUTPUT	VOLTAGE(V)	WATTAGE(W)	COLOR TEMP.(K)	CRI	NOTES
A	2x4' TROFFER LITHONIA LIGHTING 2BLT4-40L-ADPT-EZ1- LP640-NL TAIK2-RES7- NOC	4000	120-277	32	4000	82	OR APPROVED EQUAL

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CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45

AIRPORT TERMINAL BUILDING IMPROVEMENTS

AWIP : BHS-TC2/TC4 : A-WING OFFICES

AREA 1: TC-1 AREA DEMOLITION AND PROPOSED RCP'S

PROJECT NO: 60638480-T029

CAD DWG FILE:

DESIGNED BY: AECOM

DRAWN BY:RMP

DEPT CHECK:AM

PROJ CHECK:JC

DATE: 05/24/2024

E1.102

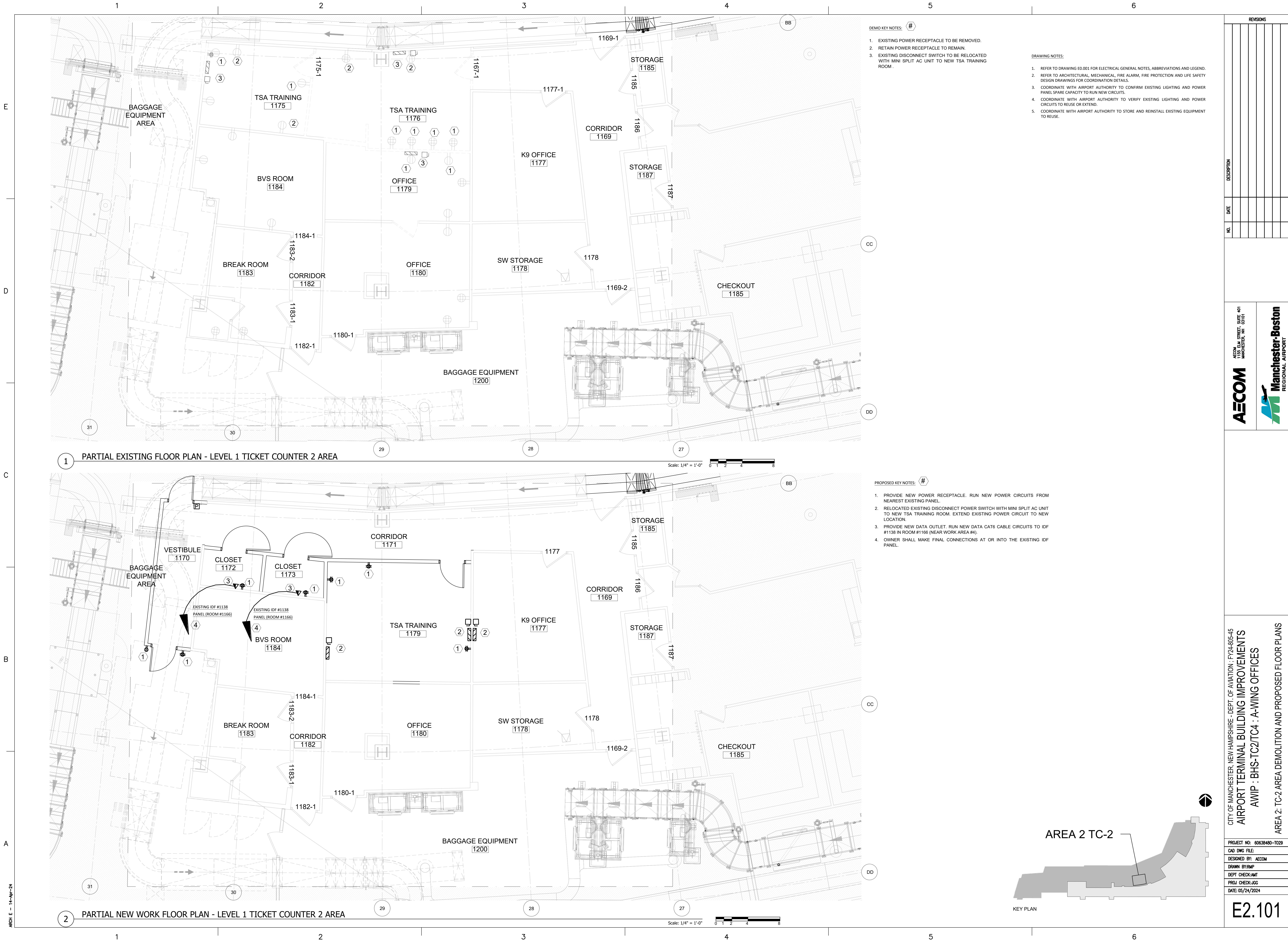
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REVISIONS				
NO.	DATE	DESCRIPTION		
CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION - FY24-805-45 AIRPORT TERMINAL BUILDING IMPROVEMENTS AWIP : BHS-TC2/TC4 : A-WING OFFICES AREA 2: TC-2 AREA DEMOLITION AND PROPOSED FLOOR PLANS				
PROJECT NO: 60638480-1029				
CAD DWG FILE:				
DESIGNED BY: AECOM				
DRAWN BY: RMP				
DEPT CHECK: AMT				
PROJ CHECK: JGG				
DATE: 05/24/2024				
E2.101				



DEMO KEY NOTES: (#)

1. REMOVE EXISTING 2' x 4' LIGHTING FIXTURES.
2. RETAIN EXISTING LIGHTING CIRCUIT FORM PANEL LPTS2.
3. EXISTING LIGHT SWITCH.
4. EXISTING EXIT LIGHT.

DRAWING NOTES:

1. REFER TO DRAWING E0.001 FOR ELECTRICAL GENERAL NOTES, ABBREVIATIONS AND LEGEND.
2. REFER TO ARCHITECTURAL, MECHANICAL, FIRE ALARM, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.
3. COORDINATE WITH AIRPORT AUTHORITY TO CONFIRM EXISTING LIGHTING AND POWER PANEL SPARE CAPACITY.
4. COORDINATE WITH AIRPORT AUTHORITY TO VERIFY EXISTING LIGHTING AND POWER CIRCUITS TO REUSE OR EXTEND.
5. COORDINATE WITH AIRPORT AUTHORITY TO STORE AND REINSTALL EXISTING EQUIPMENT TO REUSE.

REVISIONS

NO.	DATE	DESCRIPTION

1550 ELM STREET, SUITE 400
MANCHESTER, NH 03101

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REGIONAL AIRPORT

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION - FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 2: TC-2 AREA DEMOLITION AND PROPOSED RCP

PROJECT NO: 60638480-1029

CAD DWG FILE:

DESIGNED BY: AECOM

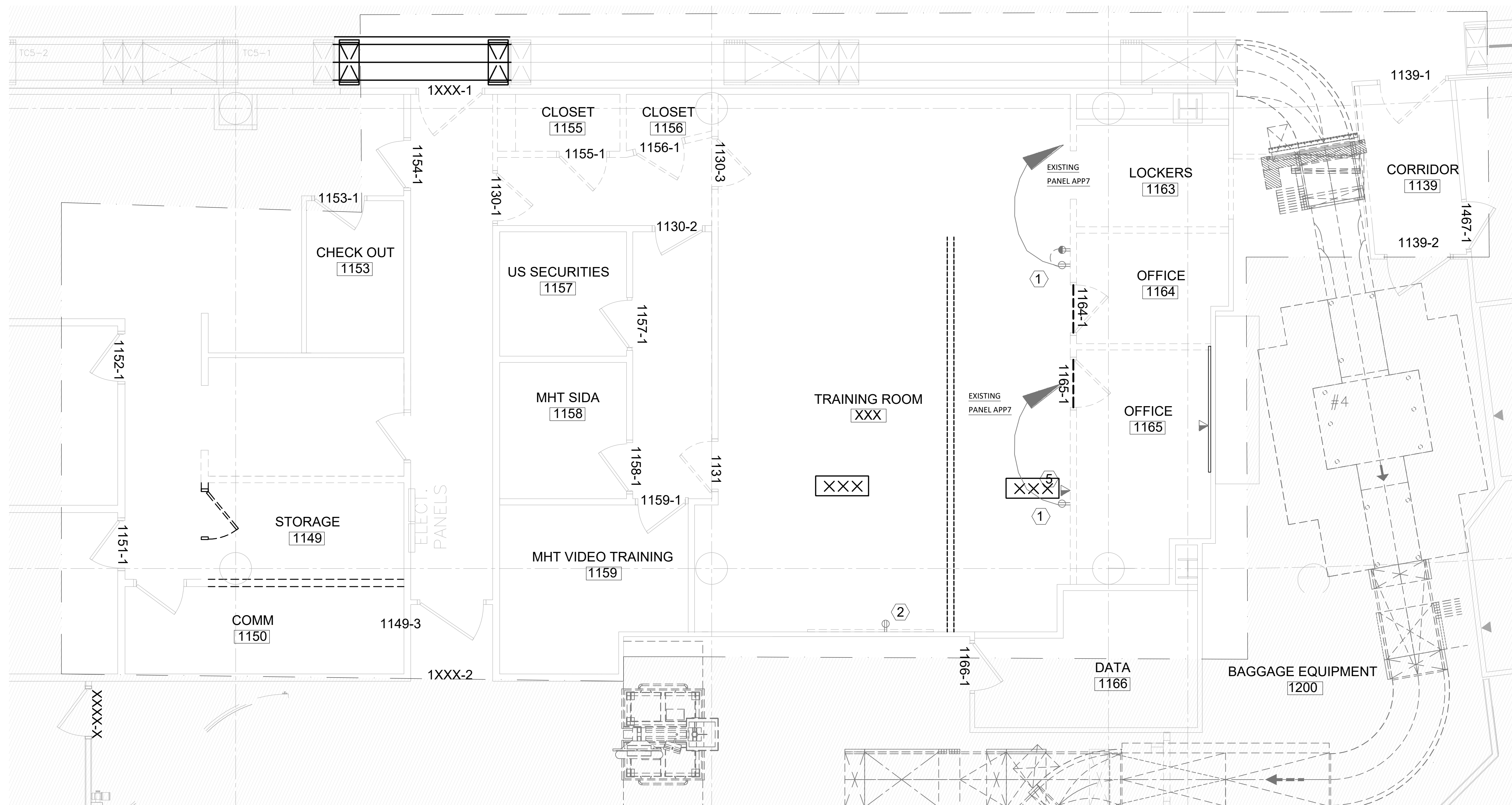
DRAWN BY:RMP

DEPT CHECK:AMT

PROJ CHECK:JGG

DATE: 05/24/2024

E2.102

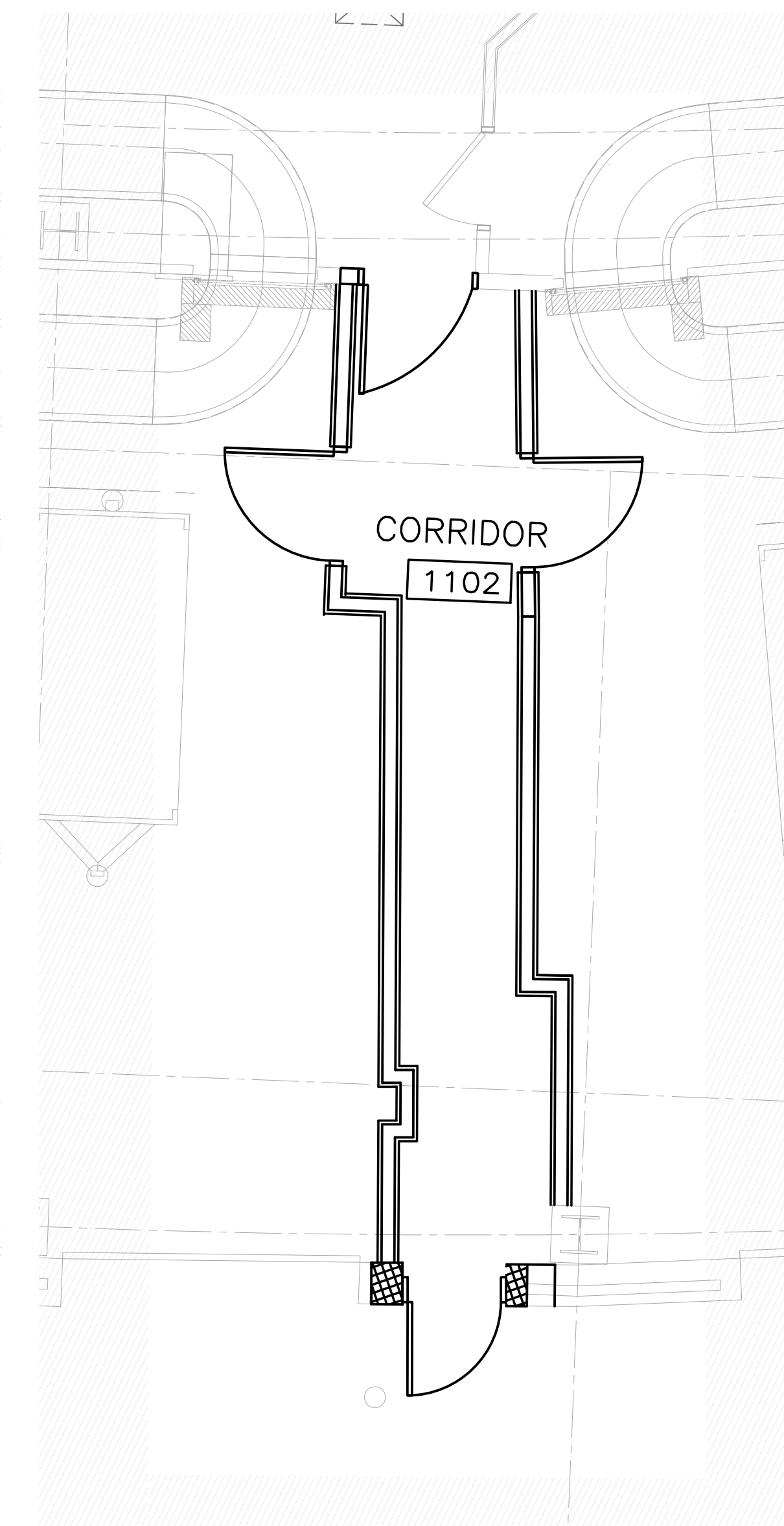


1 PARTIAL EXISTING FLOOR PLAN - LEVEL 1 TICKET COUNTERS 4 AREA

Scale: 1/4" = 1'-0"

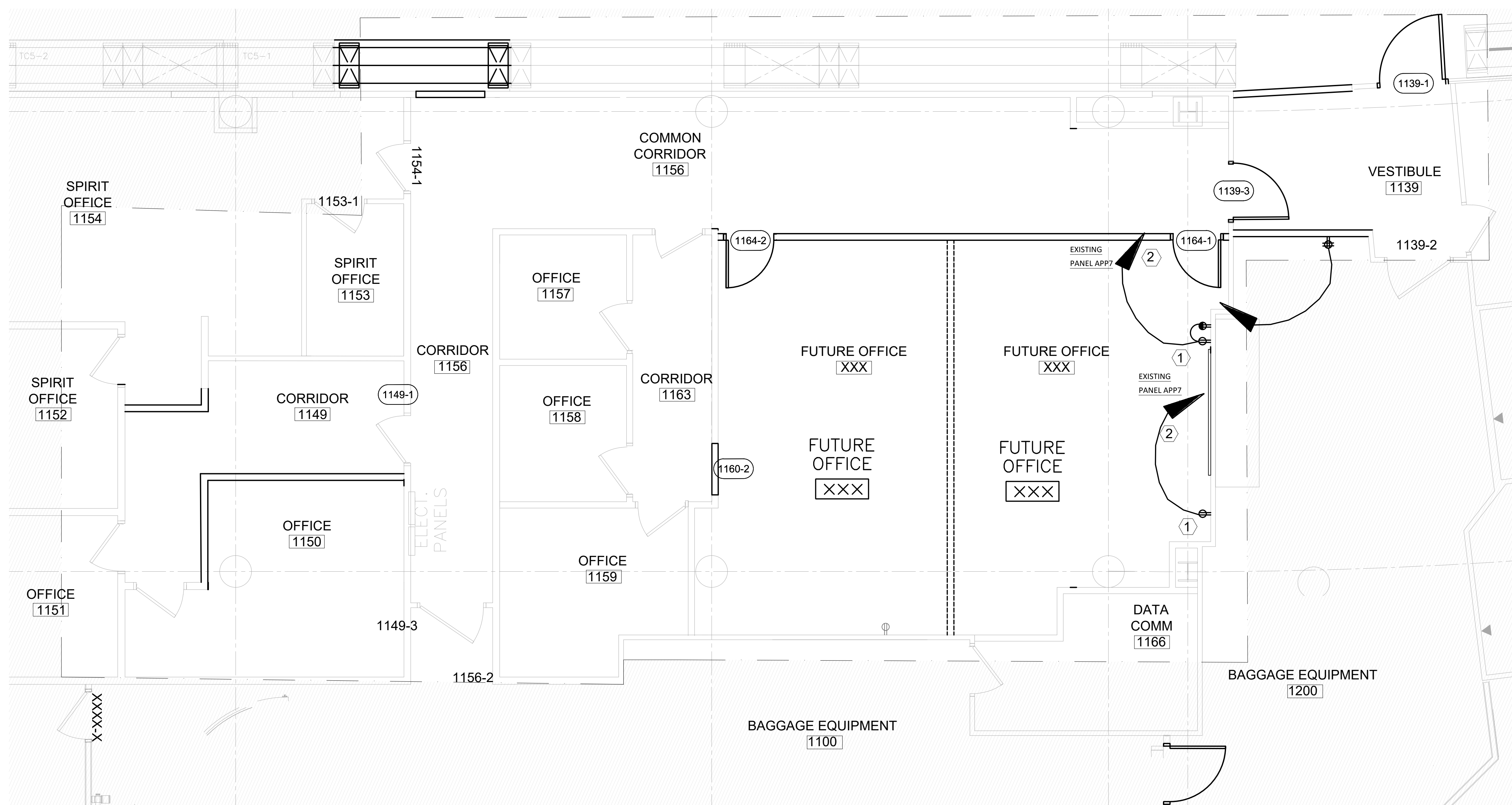
2 AREA 3 - EXISTING DEMO PLAN - CORRIDOR

Scale: 1/4" = 1'-0"



4 AREA 3 NEW WORK PLAN - CORRIDOR

Scale: 1/4" = 1'-0"



3 PARTIAL NEW WORK FLOOR PLAN - LEVEL 1 TICKET COUNTERS 4 AREA

Scale: $1/4" = 1'-0"$

- DEMO KEY NOTES:
-

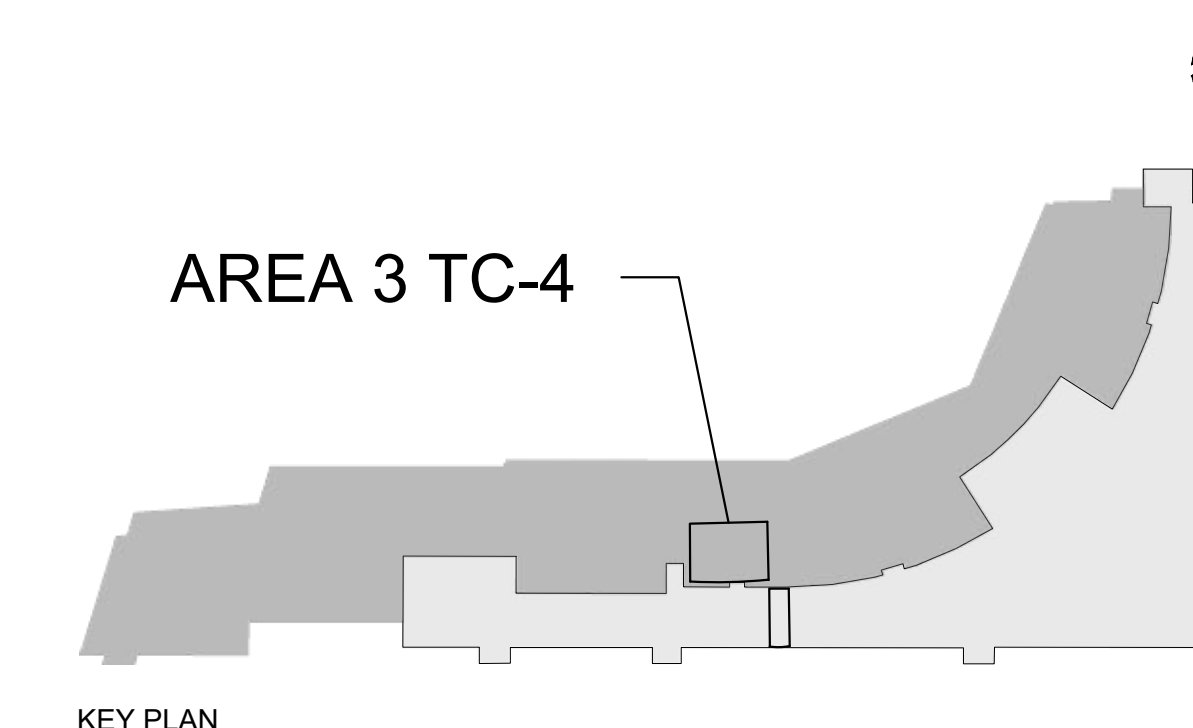
1. REMOVE EXISTING POWER RECEPTACLE.
2. RETAIN EXISTING POWER RECEPTACLE.
3. RETAIN EXISTING POWER RECEPTACLE CIRCUIT.
4. RETAIN EXISTING DATA OUTLET.
5. REMOVE EXISTING DATA OUTLET.
6. RETAIN EXISTING DATA CIRCUIT.

- PROPOSED KEY NOTES: #

1. PROVIDE NEW POWER RECEPTACLE.
2. EXTEND OR REUSE EXISTING POWER RECEPTACLE CIRCUIT.

- DRAWING NOTES:

1. REFER TO DRAWING E0.001 FOR ELECTRICAL GENERAL NOTES, ABBREVIATIONS AND LEGEND.
2. REFER TO ARCHITECTURAL, MECHANICAL, FIRE ALARM, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.
3. COORDINATE WITH AIRPORT AUTHORITY TO CONFIRM EXISTING LIGHTING AND POWER PANEL SPARE CAPACITY.
4. COORDINATE WITH AIRPORT AUTHORITY TO VERIFY EXISTING LIGHTING AND POWER CIRCUITS TO REUSE OR EXTEND.
5. REFER TO EXISTING ELECTRICAL DRAWING NO. (E2.18) 1ST FLOOR POWER PART PLAN-AREA B.




KEY PLAN

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CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 3: TC-4 AREA DEVOLITION AND PROPOSED FLOOR PLANS

PROJECT NO: 60638480-T02
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY:RMP
DEPT CHECK:AMT
PROJ CHECK:JGG
DATE: 05/24/2024

E3.101



REVISIONS	
NO.	DESCRIPTION

PROJECT INFORMATION

CITY OF MANCHESTER, NEW HAMPSHIRE • DEPT. OF AVIATION • FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 3: TC-4 AREA DEMOLITION AND PROPOSED REFLECTED CEILING PLANS

LOGO

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1555 ELM STREET, SUITE 400
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PROJECT NO: 60638480-1029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY: RMP
DEPT CHECK: AMT
PROJ CHECK: JGG
DATE: 05/24/2024

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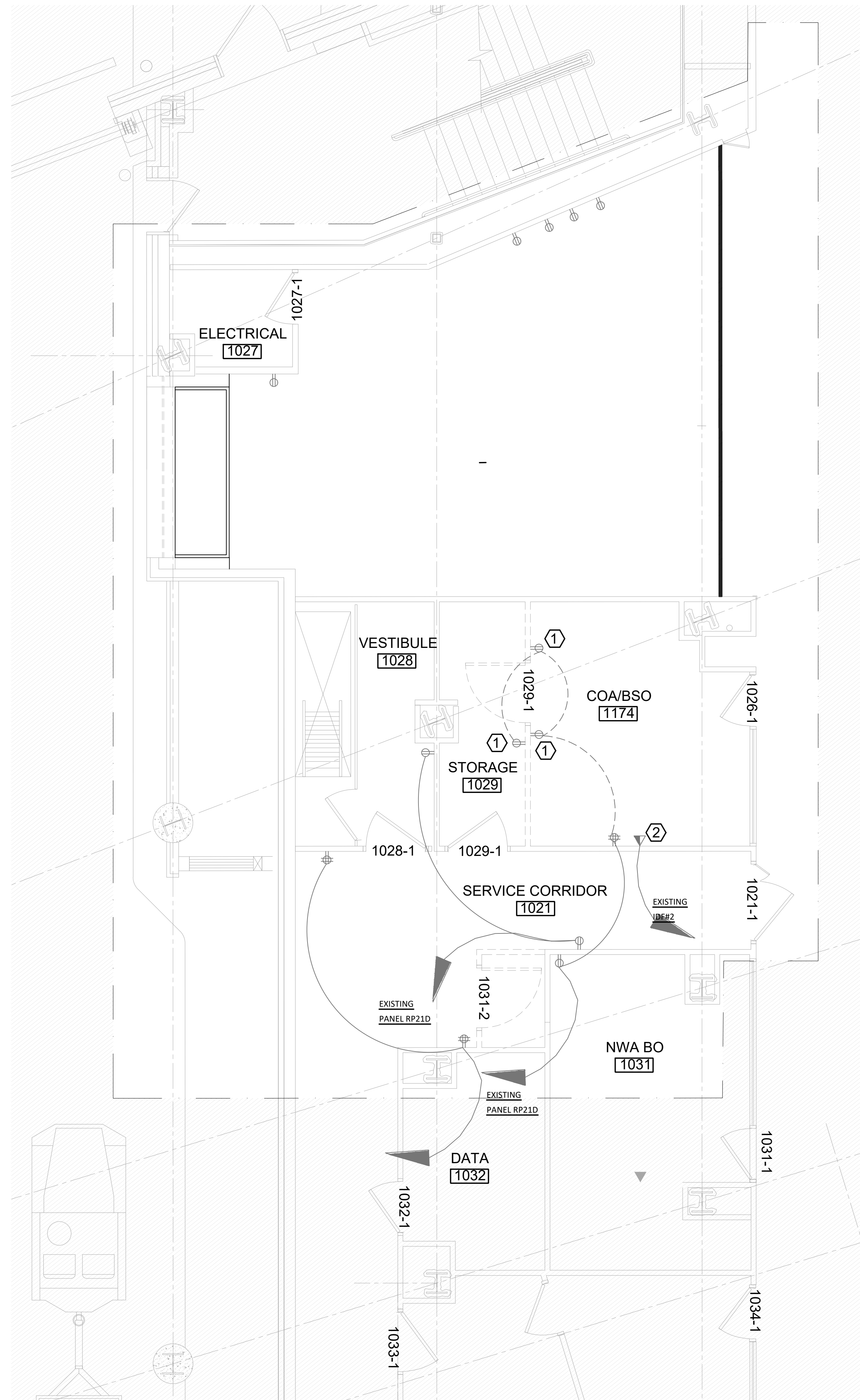
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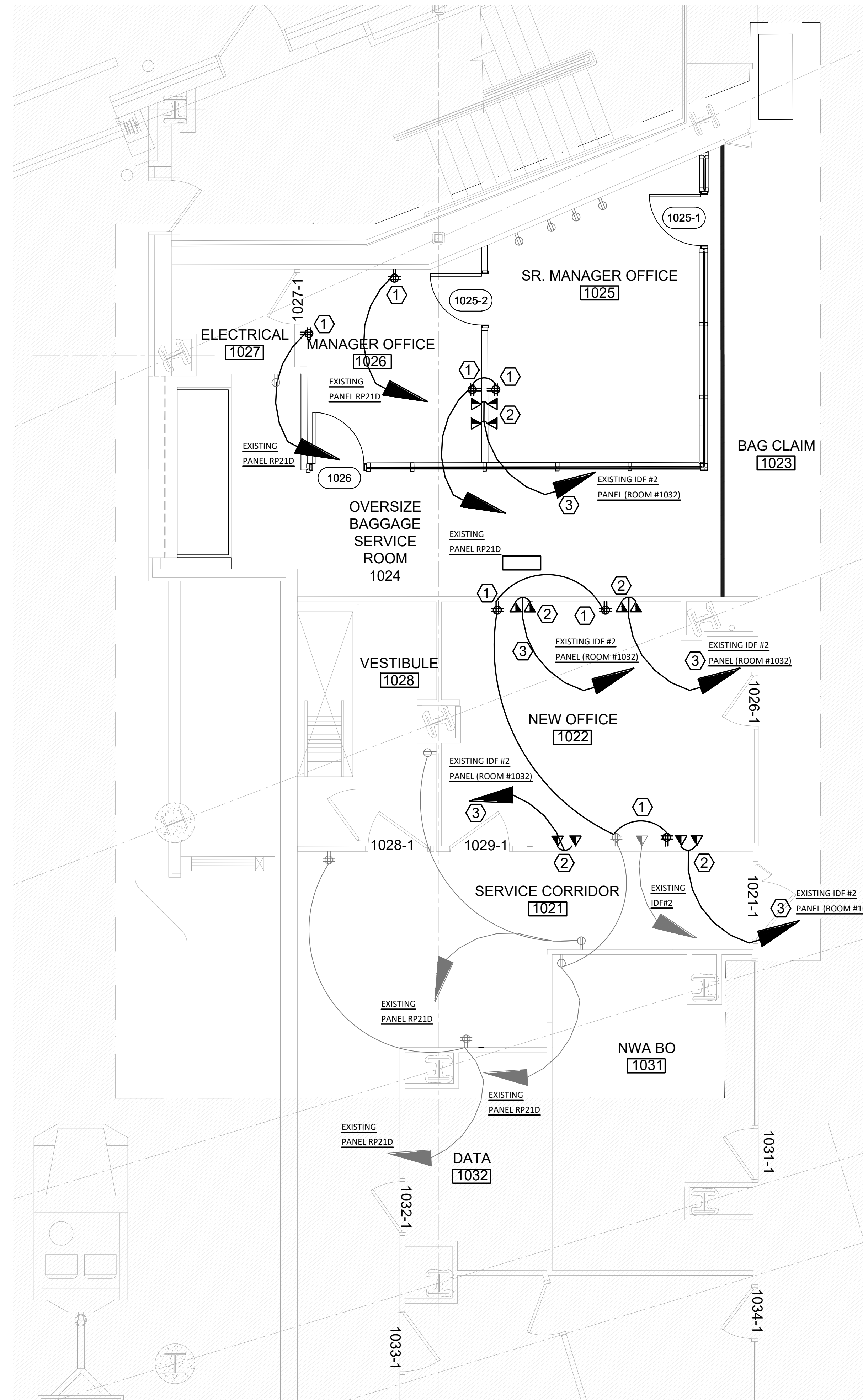
1 PARTIAL EXISTING FLOOR PLAN - LEVEL 1 A-WING CORRIDOR AREA



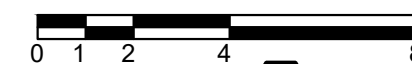
Scale: 1/4" = 1'-0"

DEMO KEY NOTES:

1. REMOVE EXISTING POWER RECEPTACLE. RETAIN POWER CIRCUIT TO REUSE.
2. REMOVE EXISTING DATA RECEPTACLE. RETAIN DATA CIRCUIT TO REUSE.



1 PARTIAL NEW WORK FLOOR PLAN - LEVEL 1 A-WING CORRIDOR AREA



Scale: 1/4" = 1'-0"

PROPOSED KEY NOTES:

1. PROVIDE NEW POWER RECEPTACLE. REUSE EXISTING POWER CIRCUITS OR RUN NEW POWER CIRCUITS FROM NEAREST ELECTRICAL PANEL.
2. PROVIDE NEW DATA OUTLETS WITH NEW DATA CIRCUITS (CAT6 CABLE) FORM EXISTING PANEL IDF#2 IN DATA ROOM #1032.
3. OWNER SHALL MAKE FINAL CONNECTIONS AT OR INTO THE EXISTING IDF PANEL (12 CABLES).

DRAWING NOTES:

1. REFER TO DRAWING E.001 FOR ELECTRICAL GENERAL NOTES, ABBREVIATIONS AND LEGEND.
2. REFER TO ARCHITECTURAL, MECHANICAL, FIRE ALARM, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR COORDINATION DETAILS.
3. COORDINATE WITH AIRPORT AUTHORITY TO CONFIRM EXISTING LIGHTING AND POWER PANEL SPARE CAPACITY.
4. COORDINATE WITH AIRPORT AUTHORITY TO VERIFY EXISTING LIGHTING AND POWER CIRCUITS TO REUSE OR EXTEND.
5. REFER TO EXISTING ELECTRICAL DRAWING NO. (E2.1A) 1ST FLOOR POWER PART PLAN-AREA A.
6. REFER TO EXISTING ELECTRICAL DRAWING NO. (E3.1A) 1ST FLOOR SYSTEM PART PLAN-AREA A.

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MANCHESTER, NH 03101



Manchester-Boston
REGIONAL AIRPORT

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION : FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 4: A-WING DEMOLITION AND PROPOSED FLOOR PLANS

PROJECT NO: 60638480-T029
CAD DWG FILE:
DESIGNED BY: AECOM
DRAWN BY:RMP
DEPT CHECK:AMT
PROJ CHECK:JGG
DATE: 05/24/2024

E4.101

ARCH E - 14-Apr-24

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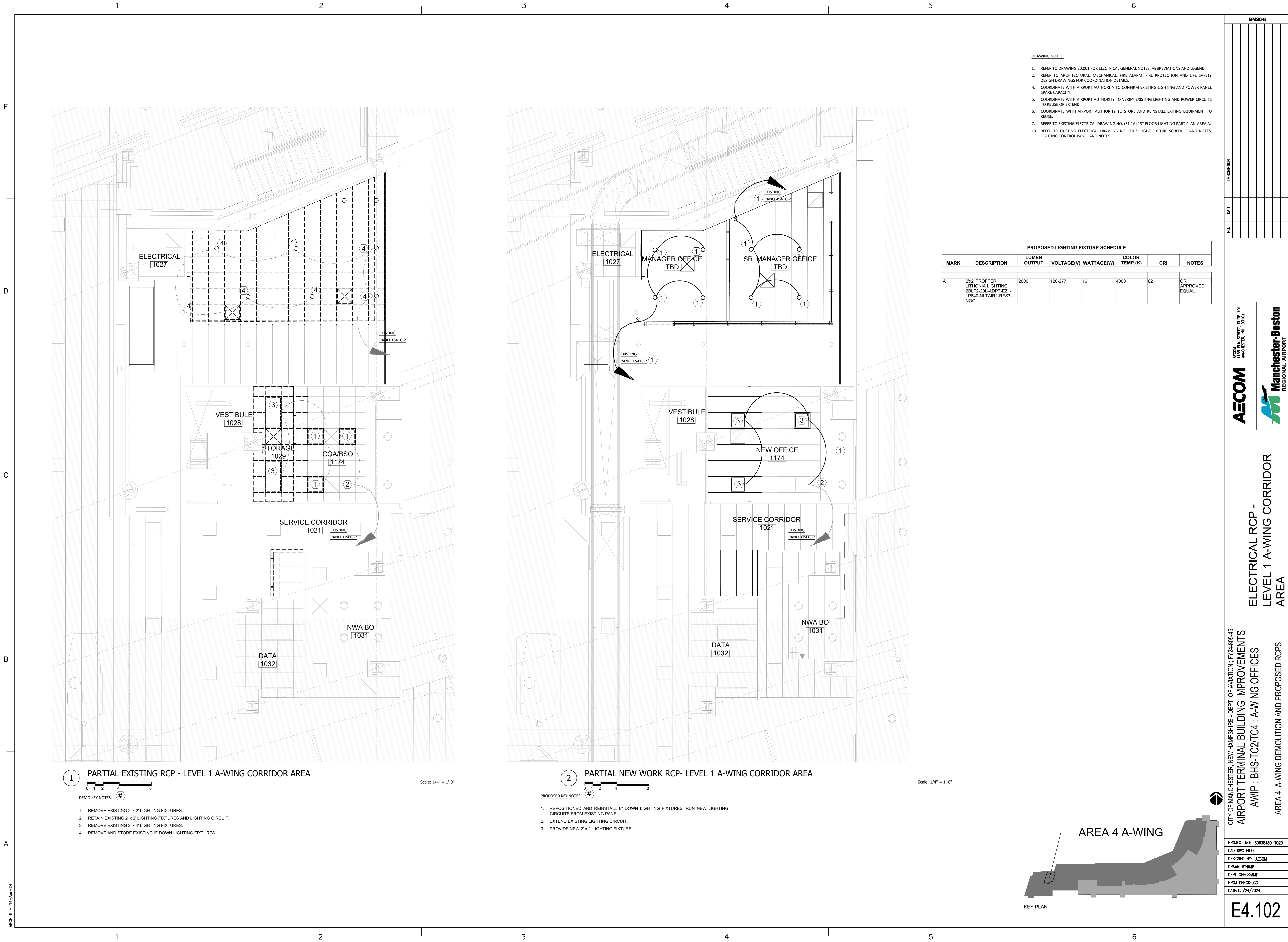
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ARCH E - 14-Apr-24

REVISIONS

NO.	DATE	DESCRIPTION

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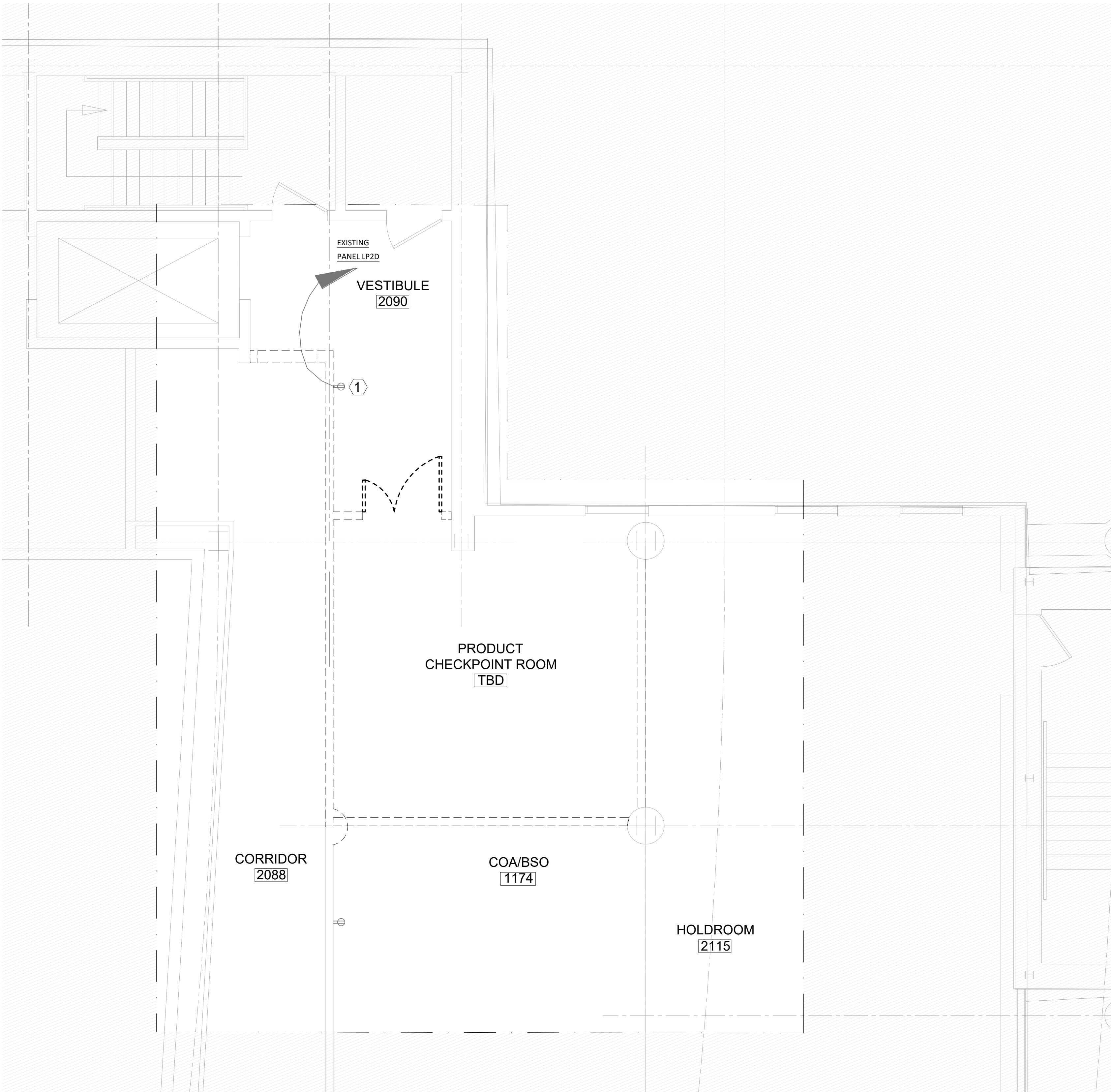
**ELECTRICAL RCP -
LEVEL 1 A-WING CORRIDOR
AREA**

CITY OF MANCHESTER, NEW HAMPSHIRE - DEPT. OF AVIATION - FY24-805-45
AIRPORT TERMINAL BUILDING IMPROVEMENTS
AWIP : BHS-TC2/TC4 : A-WING OFFICES
AREA 4: A-WING DEMOLITION AND PROPOSED RCPs

PROJECT NO: 60638480-1029
CAD DWG FILE:
DESIGNED BY: AECOM
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DEPT CHECK: AMT
PROJ CHECK: JGG
DATE: 05/24/2024

E4.102

ARCH E - 14-Apr-24

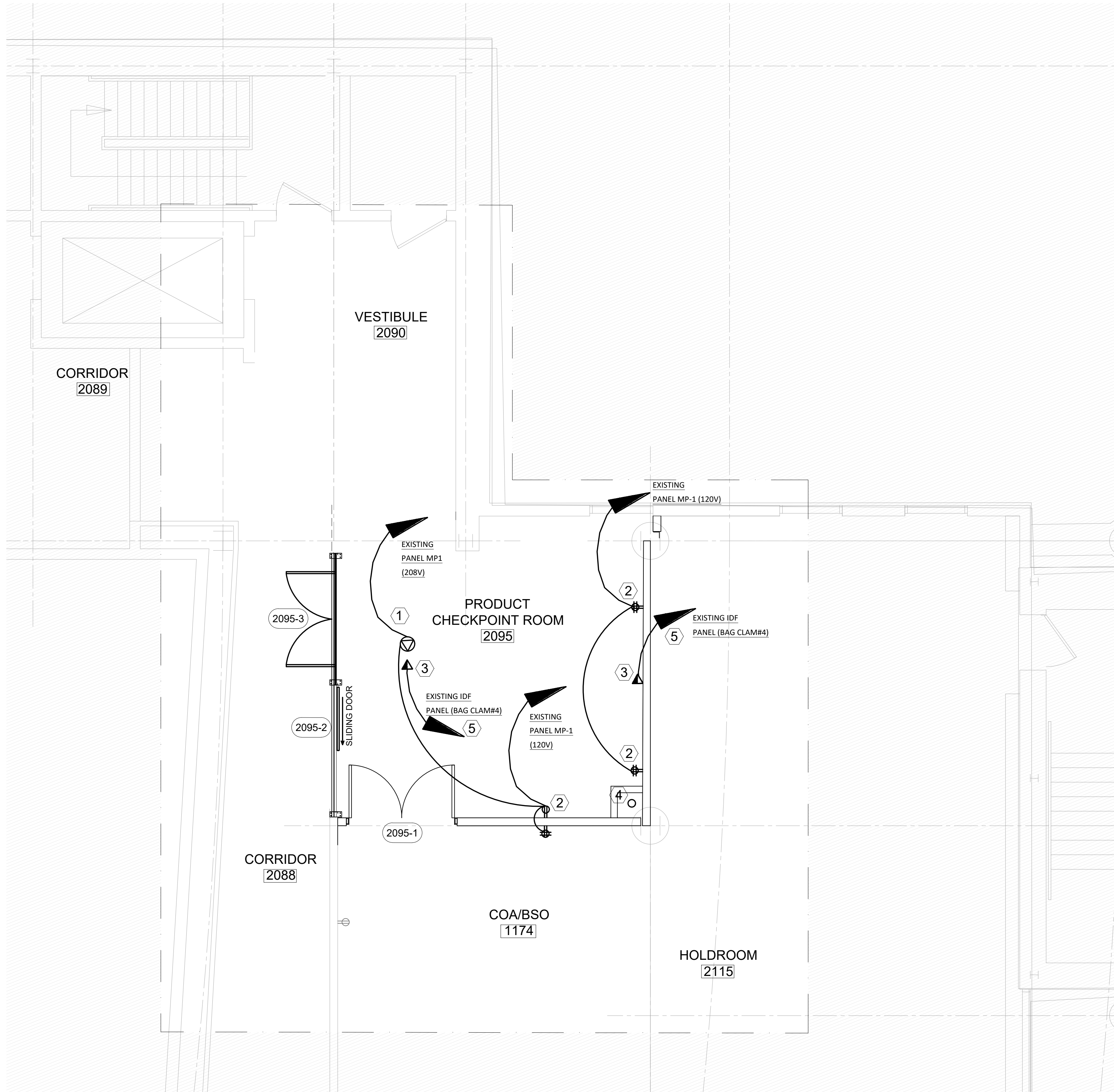


1 PARTIAL EXISTING FLOOR PLAN - LEVEL 2 PRODUCT CHECKPOINT AREA

Scale: 1/4" = 1'-0"

DEMO KEY NOTES: #

1. REMOVE EXISTING POWER RECEPTACLE.

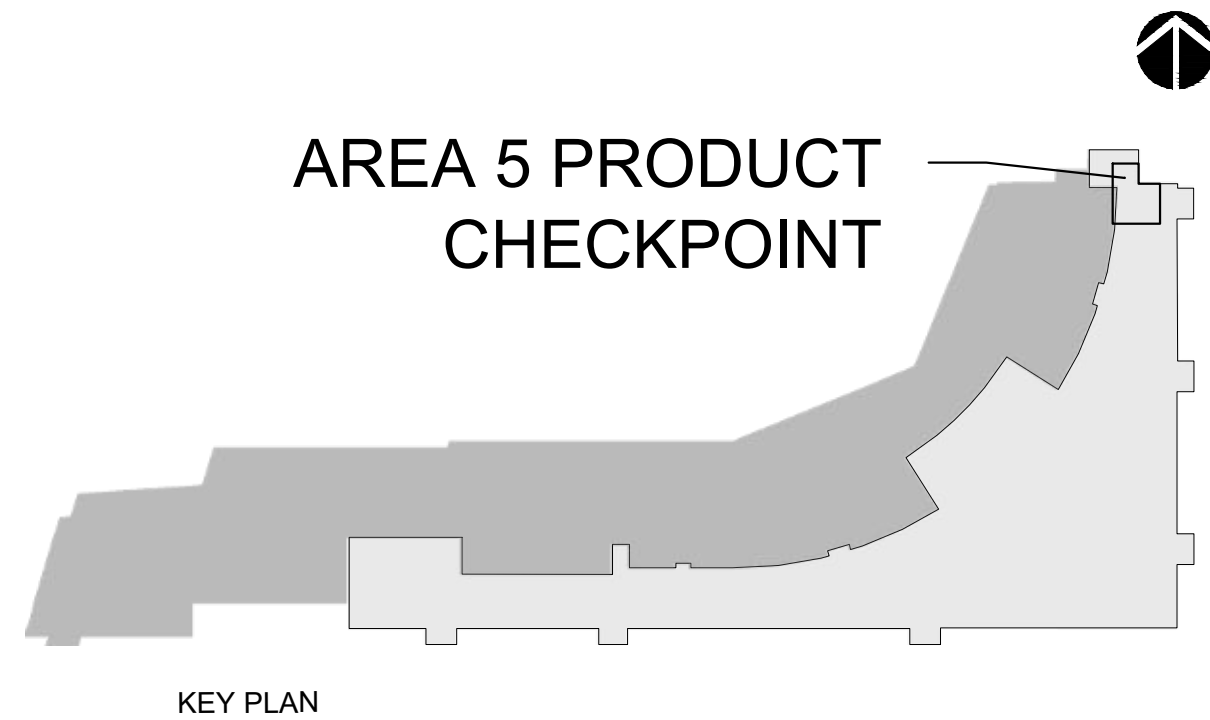


2 PARTIAL NEW WORK FLOOR PLAN - LEVEL 2 PRODUCT CHECKPOINT AREA

Scale: 1/4" = 1'-0"

PROPOSED KEY NOTES: #

1. PROVIDE AND INSTALL NEW RECEPTACLE SERVICE POLE (HUBBELL ALUMINUM SERVICE POLE, BLANK POLE, DIVIDER, ADJUSTABLE T-BAR ASSEMBLY, 4 STYLE LINE DEVICE KNOCKOUTS) WITH 208V DUPLEX POWER RECEPTACLE, TWO 120V DUPLEX POWER RECEPTACLES, AND DATA RECEPTACLE. RUN NEW POWER AND DATA CIRCUITS TO PANELS AS INDICATED. PROVIDED NEW 208V BREAKERS IN PANEL MP-1.
2. PROVIDE NEW POWER RECEPTACLE. RUN NEW POWER CIRCUITS FROM EXISTING PANEL MP-1. PROVIDED NEW 120V BREAKERS IN PANEL MP-1.
3. PROVIDE NEW DATA OUTLET. RUN NEW DATA CIRCUITS (CAT6 CABLE) FROM FROM IDF PANEL IN BAG CLAM #4 IDF ROOM ON FIRST FLOOR VIA ROUTING UP THROUGH THE 6" CORE-DRILLED HOLE IN FLOOR (SHARED WITH POWER CONDUIT FROM MP-1) IN THE PROPOSED UTILITY CHASE.
4. COORDINATE WITH ARCHITECTURAL DRAWING FOR CORE DRILL 6" DIAMETER HOLE IN CONCRETE DESK FOR ELECTRICAL CONDUIT ROUTED UP FROM BELOW ROOM 1225 FOR POWER CIRCUITS FROM PANEL MP-1. CONTRACTOR SHALL LOCATE AND MARK REINFORCING STEEL BY MAGNETIC SCANNING AND ADJUST FINAL LOCATION OF OPENING AND UTILITY AND UTILITY CHASE TO AVOID CUTTING BARS WHERE POSSIBLE. FIRESAFING SEALANT AND 1/4" STEEL PLATE ESCUTCHEON SHALL BE PROVIDED TO SEAL OPENING AROUND CONDUIT.
5. OWNER SHALL BE MAKE FINAL CONNECTION AT OR INTO THE EXISTING IDF PANEL (2 CABLES).



AREA 5 PRODUCT CHECKPOINT

DRAWING NOTES:

1. REFER TO DRAWING E0.001 FOR ELECTRICAL GENERAL NOTES, ABBREVIATIONS AND LEGEND.
2. REFER TO ARCHITECTURAL, MECHANICAL, FIRE PROTECTION AND LIFE SAFETY DESIGN DRAWINGS FOR ADDITIONAL DETAILS.
3. POWER FOR THE NEW X-RAY MACHINE WILL BE ROUTED FROM EXISTING 120/208V POWER DISTRIBUTION PANEL (MP-1) LOCATED ON FIRST FLOOR IN THE TUGWAY AS DESIGNATED BY MITT'S MAINTENANCE SUPERINTENDENT.
4. CONDUIT WILL BE ROUTED FROM THE PANEL BY THE CONTRACTOR BELOW THE 2ND FLOOR SLAB AND A CORE-DRILLED FLOOR PENETRATION WILL BE USED TO BRING POWER UP FROM 1ST FLOOR BELOW.
5. COORDINATE WITH AIRPORT AUTHORITY TO CONFIRM EXISTING LIGHTING AND POWER PANEL SPARE CAPACITY.
6. COORDINATE WITH AIRPORT AUTHORITY TO VERIFY EXISTING LIGHTING AND POWER CIRCUITS TO REUSE OR EXTEND.
7. REFER TO EXISTING ELECTRICAL DRAWING NO. (E1.5) 2ND FLOOR POWER PART PLAN-NORTH.

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DESIGNED BY: AECOM			AWIP : BHS-TC2/TC4 : A-WING OFFICES	
DRAWN BY: RMP			AREA 5: PRODUCT CHECKPOINT - LEVEL 2 DEMOLITION AND	
DEPT CHECK: AMT			PROPOSED FLOOR PLANS	
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