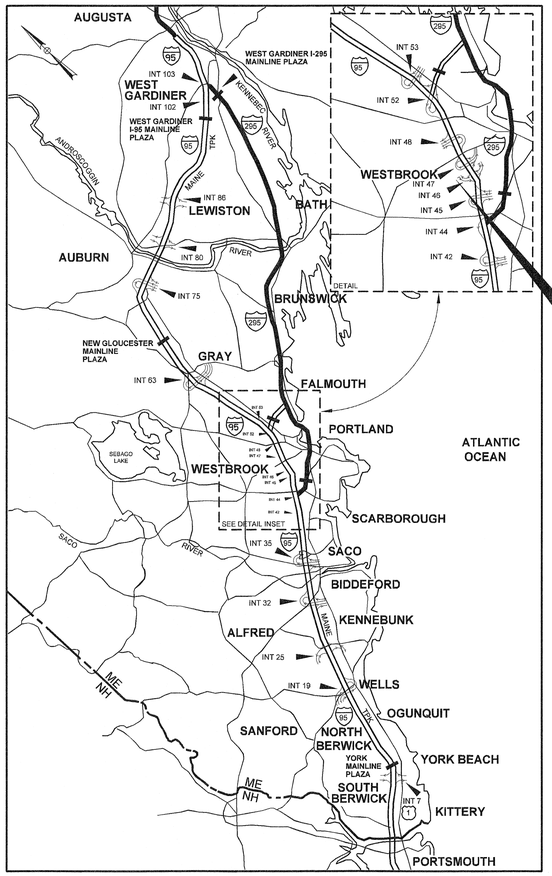

LOCATION MAP

CONTRACT 2023.10
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

DANIEL E. WATHEN, CHAIR
MICHAEL J. CIANCHETTE, VICE CHAIR
JANE L. LINCOLN, MEMBER
THOMAS J. ZUKE, MEMBER
ANDREW MCLEAN, MEMBER
BETTYANN SHEATS, MEMBER
BRUCE A. VAN NOTE, MEMBER EX-OFFICIO

S. PETER MILLS, EXECUTIVE DIRECTOR

CONTRACT 2023.10
MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

INDEX OF SHEETS

PAGE NO.	SHEET NO.	DESCRIPTION
1	G-000	TITLE SHEET
2	G-001	GENERAL NOTES & ESTIMATED QUANTITIES
3-6	G-002-005	CONSTRUCTION PHASING
7	G-006	STAGING AND PARKING AREAS
8	A-0	ARCHITECTURAL COVER SHEET
9-12	AD-1-4	EXISTING/DEMOLITION PLANS
13-15	A-1-3	PROPOSED FLOOR PLANS
16	A-4	EXTERIOR PATIO PLAN
17-19	A-5-7	REFLECTED CEILING PLANS
20	A-8	PROPOSED ROOF PLAN
21	A-9	EZ PASS PLAN & ELEVATIONS
22	A-10	BREAKROOM CASEWORK
23	A-11	VENDING & KITCHENS CASEWORK
24-25	A-12-13	DOORS
26-27	A-14-15	FINISHES
28	A-16	DETAILS
29	A-17	ACCESSIBILITY DETAILS & NOTES
30	A-18	TEMPORARY E-ZPASS CUSTOMER SERVICE PLANS & DETAILS
31	A-19	CALL CENTER FURNITURE PLAN
32	M-0	PLUMBING AND HVAC NOTES, LEGEND, AND ABBREVIATIONS
33	P-1	PLUMBING AND PLUMBING DEMOLITION PARTS PLAN
34-37	MD-1-4	MECHANICAL DEMOLITION PLANS
38-41	MH-1-4	MECHANICAL PLANS
42-44	MP-1-3	MECHANICAL PIPING PLANS
45	M-5	MECHANICAL PART PLANS AND DETAILS
46	M-6	MECHANICAL SCHEDULES
47	FP001	FIRE PROTECTION NOTES, LEGENDS, AND DETAILS
48	FP101	SECOND FLOOR FIRE PROTECTION PART PLANS
49	FA100	FIRE ALARM NOTES, LEGENDS, AND ABBREVIATIONS
50	FA101	SECOND FLOOR FIRE ALARM DEMOLITION PART PLANS
51	FA102	SECOND FLOOR FIRE ALARM PART PLANS
52	E-001	ELECTRICAL LEGEND, ABBREVIATIONS, AND GENERAL NOTES
53-55	ED-101-104	DEMOLITION PLANS
56	E-101-103	FLOOR PLANS
57-59	E-104	ROOF PLAN
60	E-401-403	PARTS PLANS
61-63	E-501	DETAILS
64	E-601	ONE-LINE DEMOLITION DIAGRAM
65	E-602	ONE-LINE DIAGRAM
66	E-603-604	SCHEDULES
67-68	E-605	SCHEDULE PANEL PP2-A
69-70	E-606	SCHEDULE PANEL PP2-B

APPROVED:

MAINE TURNPIKE AUTHORITY

Peter S. Merfeld — 02-26-24
PETER S. MERFELD, P.E. - CHIEF OPERATIONS OFFICER — DATE

John P. Sirois — 2/26/2024
JOHN P. SIROIS, - CHIEF FINANCIAL OFFICER — DATE

HNTB

STATE OF MAINE
TIMOTHY R. COTE
No. 10671
LICENSED
PROFESSIONAL ENGINEER

Timothy R. Cote — 2/26/2024
TIMOTHY R. COTE P.E.
VICE PRESIDENT
SHEETS 1-7
DATE

CONTRACT 2023.10

Date:2/26/2024

Filename: 001_Title Sheet.dgn

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	TOTAL QUANTITY	UNIT
608.081	REINFORCED CONCRETE SIDEWALK - AREA A	175	SY
608.082	REINFORCED CONCRETE SIDEWALK - AREA B	250	SY
608.10	BRICK SIDEWALK (REMOVE AND REBUILD)	250	SY
608.26	CURB RAMP DETECTABLE WARNING FIELD	10	SF
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.12	MINI-ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40	HR
631.51	SCISSOR LIFT	60	HR
631.52	BOOM LIFT	60	HR
631.53	ELECTRICIAN	100	HR
631.54	ELECTRICIAN'S APPRENTICE	100	HR
631.55	PLUMBER	20	HR
631.56	PLUMBER'S APPRENTICE	20	HR
631.57	HVAC TECHNICIAN	60	HR
631.58	HVAC APPRENTICE	60	HR
645.106	DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER SIGN ASSEMBLY	12	EA
645.116	REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER SIGN ASSEMBLY	12	EA
659.10	MOBILIZATION	1	LS
800.01	MAINE TURNPIKE HEADQUARTERS BUILDING RENOVATION	1	LS
800.02	EXTERIOR MASONRY CONTROL JOINT SEALANT REMOVE AND REPLACE	930	LF
800.03	EXTERIOR MASONRY FENISTRATIONS JOINT SEALANT REMOVE AND REPLACE	3280	LF
800.04	EXTERIOR MASONRY REPOINTING	1000	SF
800.05	EXTERIOR MASONRY CONCRETE AND WATERPROOFING	14000	SF

GENERAL NOTES

1. ROOM 233 SHALL BE AVAILABLE FOR THE CONTRACTOR'S EXCLUSIVE USE AS A CONSTRUCTION OFFICE FOR THE DURATION OF CONSTRUCTION. POWER AND AN OPEN WI-FI INTERNET CONNECTION WILL BE PROVIDED BY THE AUTHORITY. ALL FURNISHINGS SHALL BE PROVIDED BY THE CONTRACTOR.

2. THE CONTRACTOR IS NOT REQUIRED TO PROVIDE A FIELD OFFICE FOR TURNPIKE REPRESENTATIVES ON THIS PROJECT.

3. THE CONTRACTOR MAY UTILIZE THE EXISTING GRASSED AREA NOTED ON SHEET G-006 FOR STORAGE AND LAYDOWN DURING CONSTRUCTION. THE EXISTING PATHWAY SHALL REMAIN OPEN AND PASSABLE AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS TO THEIR PRE-CONSTRUCTION CONDITION, OR BETTER, AT THE COMPLETION OF CONSTRUCTION.

4. THE TURNPIKE SHALL PROVIDE THE CONTRACTOR WITH ALL TEMPORARY SIGNAGE REQUIRED FOR TEMPORARY RELOCATION OF THE E-ZPASS RETAIL AREA. THE CONTRACTOR SHALL INSTALL THE SIGNS ON CONTRACTOR-SUPPLIED SUPPORTS PRIOR TO THE RELOCATION OF E-ZPASS RETAIL OPERATIONS. ALL TEMPORARY SIGNS SHALL BE COVERED IMMEDIATELY FOLLOWING INSTALLATION. THE TURNPIKE WILL UNCOVER ALL TEMPORARY SIGNS, AND COVER ALL CONFLICTING PERMENANT SIGNS, AS REQUIRED DURING THEIR RELOCATION OF E-ZPASS RETAIL OPERATIONS. ONCE E-ZPASS RETAIL OPERATIONS HAVE MOVED BACK INTO THEIR PERMANENT SPACE, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SIGN SUPPORTS AND RETURN THE TEMPORARY SIGNS TO THE RESIDENT.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE SUBSURFACE JUNCTION BOXES LOCATED IN THE VICINITY OF THE DESIGNATED CONTRACTOR STAGING AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ALL DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS AT NO ADDITIONAL COST TO THE AUTHORITY.

6. THE LOCATION OF CONTROL JOINTS FOR THE PROPOSED CONCRETE SIDEWALK/PATIO SHALL BE SUBMITTED TO THE RESIDENT FOR APPROVAL. CONTROL JOINTS SHALL BE SPACED AT NOT MORE THAN 10 FEET ON CENTER. CONTROL JOINTS SHALL NOT CROSS SLAB AREAS CONTAINING RADIANT HEAT TUBING.

7. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL PLAN SHEETS FOR ADDITIONAL GENERAL NOTES.

8. RESETTING OF THE UPPER GRANITE STEPS OF THE MAIN ENTRYWAY, IF DIRECTED BY THE RESIDENT, SHALL BE PAID USING APPROPRIATE HOURLY PAY ITEMS.

Date:2/26/2024

Filename: 00X_EstimatedQuantities.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: HNTB

CONSULTANT PROJECT MANAGER: TIM COTE, P.E.

	By	Date		By	Date
Designed	RBM	2/2024	Checked	RBM	2/2024
Drawn	WWL	2/2024	In Charge of	TRC	2/2024

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

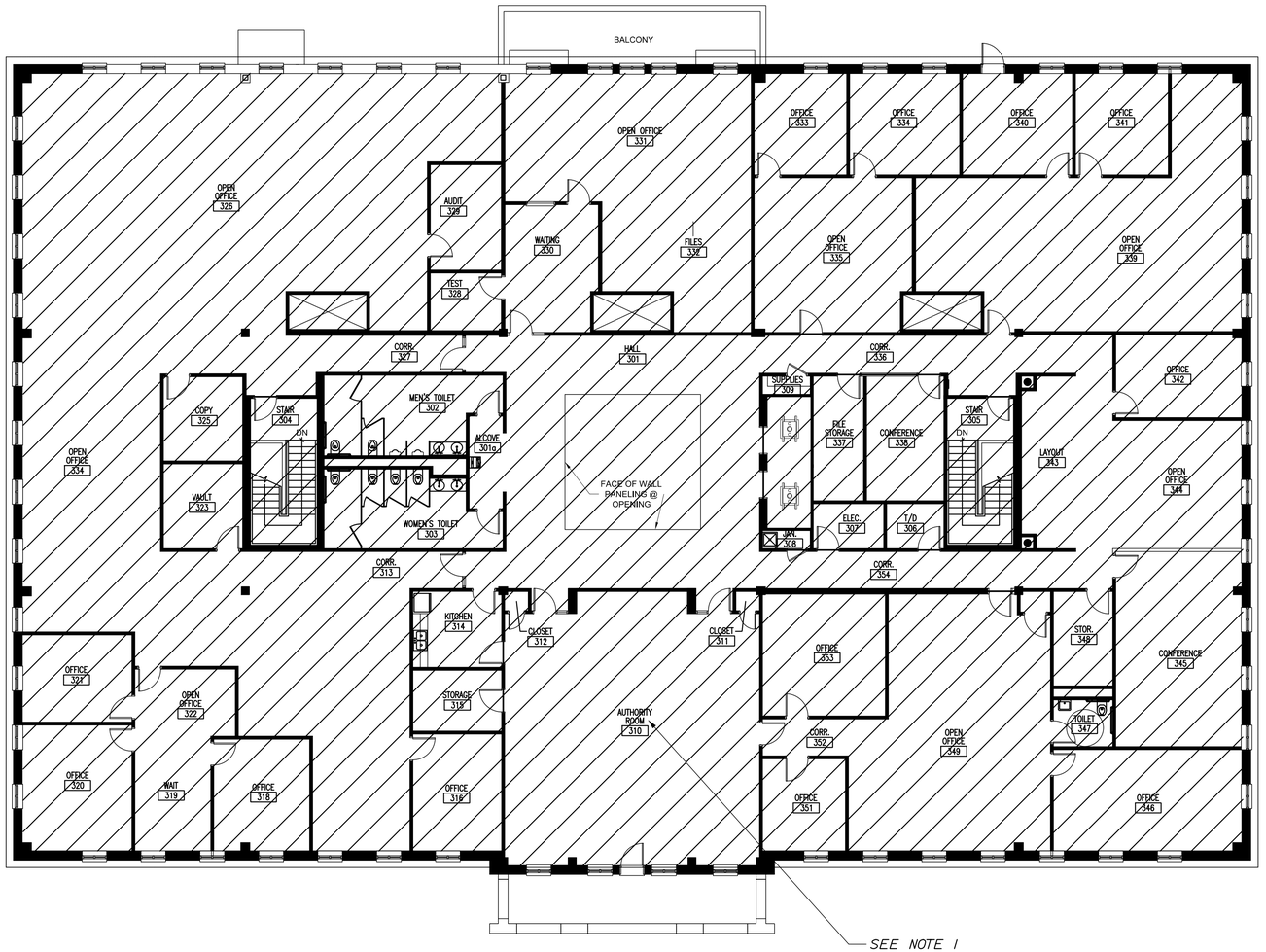
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

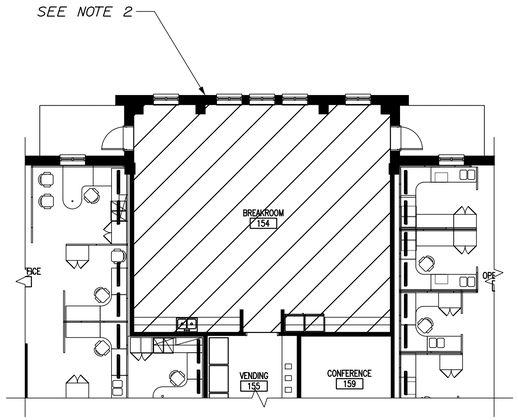
GENERAL NOTES/ESTIMATED QUANTITIES

SHEET NUMBER: G-001

CONTRACT:2023.10



THIRD FLOOR PLAN



FIRST FLOOR PARTIAL PLAN

LEGEND

CONSTRUCTION AREA

NOTES:

1. NO ONGOING OR ACTIVE WORK SHALL TAKE PLACE IN THE AUTHORITY ROOM (310) 48 HOURS LEADING UP TO, OR ON, MEETING DAYS.

2. CONSTRUCT TEMPORARY E-Z PASS RETAIL SPACE IN CAFETERIA (154) TO ALLOW CONSTRUCTION OF PUBLIC-FACING RETAIL CUSTOMER SERVICE SPACE IN PHASE 2.

3. SEE SPECIAL PROVISION 107.1.3, LIMITATIONS OF OPERATIONS FOR ADDITIONAL REQUIREMENTS.

Date:2/26/2024

Filename: 00X_Phasing Diagram_1.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: HNTB

CONSULTANT PROJECT MANAGER: TIM COTE, P.E.

	By	Date		By	Date
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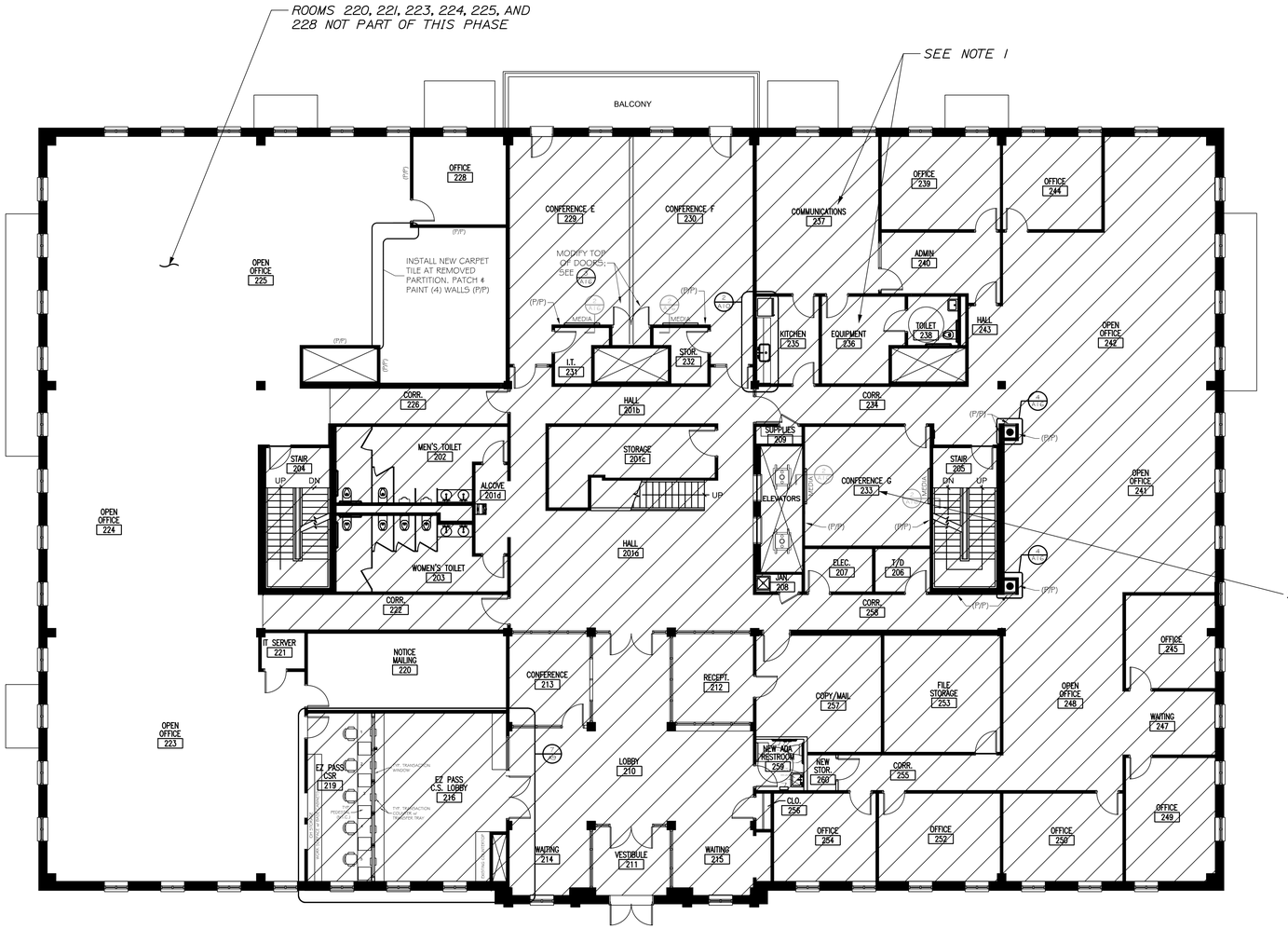
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

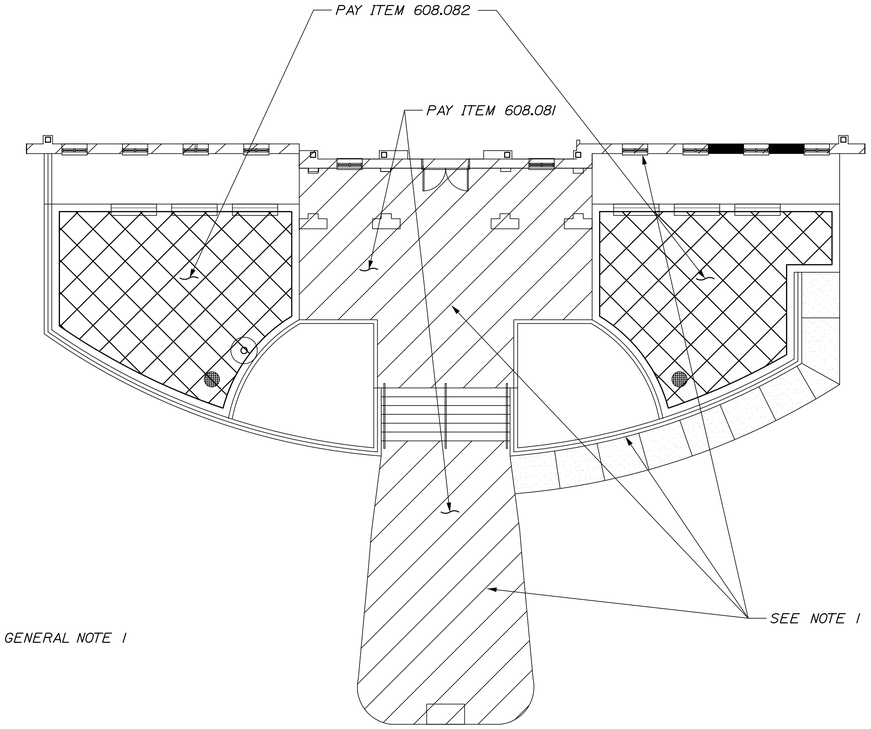
CONCEPTUAL CONSTRUCTION PHASING PHASE 1: THIRD FLOOR

SHEET NUMBER: G-002

CONTRACT:2023.10



SECOND FLOOR PLAN



FRONT ENTRYWAY/PATIO PLAN

LEGEND

CONSTRUCTION AREA

NOTES:

1. EXTERIOR PATIO CONCRETE WORK, FRONT ELEVATION REPOINTING, WINDOW SEALANT, AND WATERPROOFING SHALL BE COMPLETED CONCURRENT WITH THIS PHASE.

2. THE COMMUNICATIONS CENTER (237)/EQUIPMENT ROOM (236) WILL REMAIN OCCUPIED AND IN OPERATION DURING CONSTRUCTION. THE CONTRACTOR MAY BE ASKED TO DISCONTINUE WORK WITHOUT NOTICE DURING TIMES OF INCIDENT MANAGEMENT.

3. ALL BATHROOMS, CORRIDORS, STAIRWELLS, AND ELEVATORS SHALL REMAIN CLEAN AND ACCESSIBLE DURING THIS PHASE TO ALLOW EMPLOYEE AND FIRE/EMERGENCY ACCESS.

4. SEE SPECIAL PROVISION 107.1.3, LIMITATIONS OF OPERATIONS FOR ADDITIONAL REQUIREMENTS.

5. ALL EMPLOYEE AND PATRON ACCESS TO THE FRONT OF THE BUILDING WILL BE CLOSED DURING THIS PHASE.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: HNTB

CONSULTANT PROJECT MANAGER: TIM COTE, P.E.

	By	Date		By	Date
Designed	RBM	2/2024	Checked	RBM	2/2024
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MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

CONCEPTUAL CONSTRUCTION PHASING PHASE 2: SECOND FLOOR/PATIO

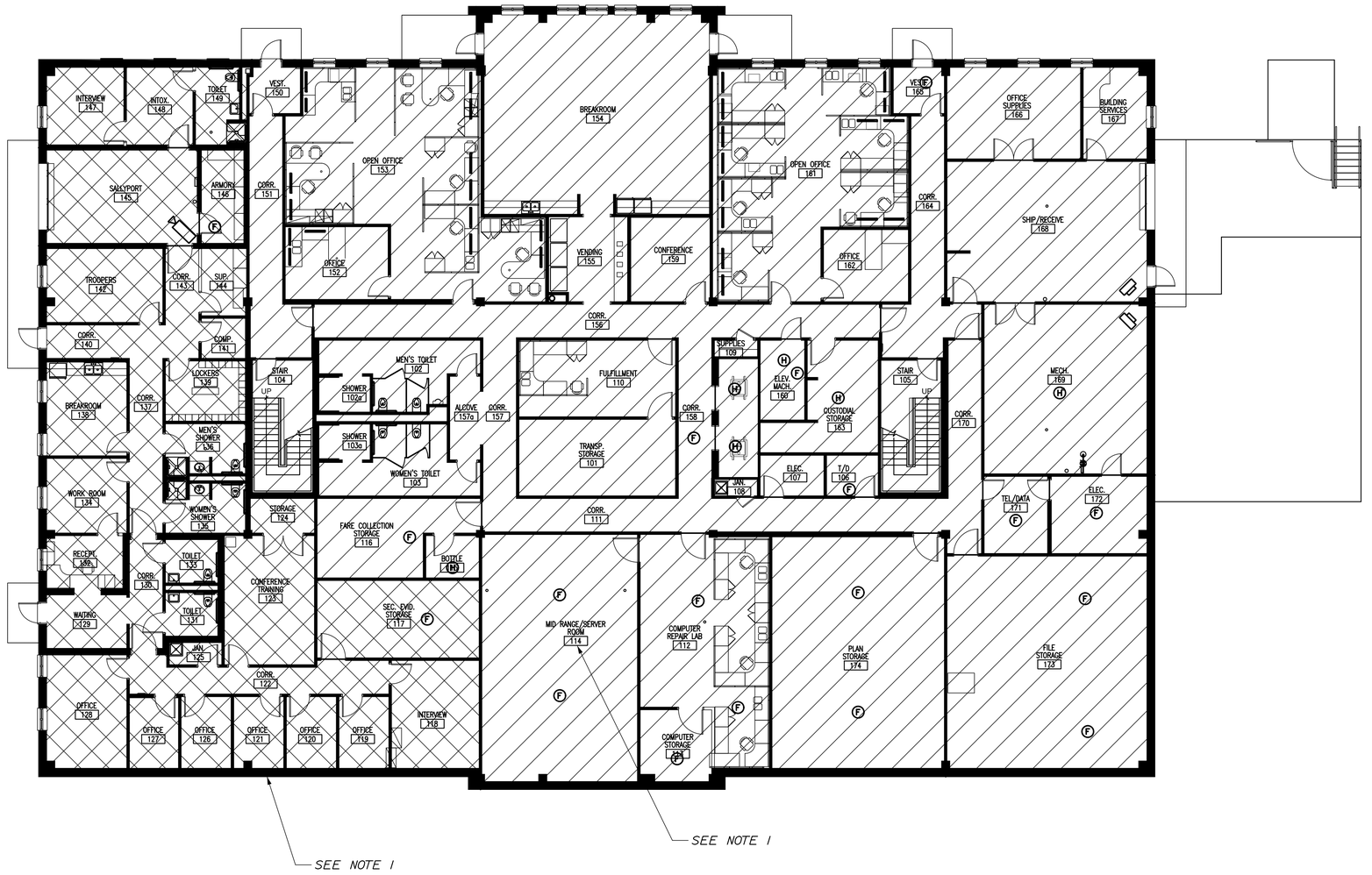
SHEET NUMBER: G-003

CONTRACT:2023.10

Date:2/26/2024

Filename: 00X_Phasing Diagram_2.dgn

Date:2/26/2024



FIRST FLOOR PLAN

LEGEND

MTA CONSTRUCTION AREA

STATE POLICE CONSTRUCTION AREA

NOTES:

1. ACCESS TO THE SERVER ROOM AND STATE POLICE REQUIRES ADDITIONAL SECURITY AND SUPERVISION. COORDINATE WITH TURNPIKE AND TROOP G STATE POLICE PRIOR TO WORK IN THESE LOCATIONS.

2. AT THE CONTRACTOR'S DISCRETION, THE STATE POLICE AREA, STORAGE AREAS, AND OTHER COMMON AREAS ON THIS FLOOR MAY BE COMPLETED CONCURRENTLY WITH OTHER PHASES.

3. SEE SPECIAL PROVISION 107.1.3, LIMITATIONS OF OPERATIONS, FOR ADDITIONAL REQUIREMENTS.

Filename: 00X_Phasing Diagram_3.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: HNTB

CONSULTANT PROJECT MANAGER: TIM COTE, P.E.

	By	Date		By	Date
Designed	RBM	2/2024	Checked	RBM	2/2024
Drawn	WWL	2/2024	In Charge of	TRC	2/2024

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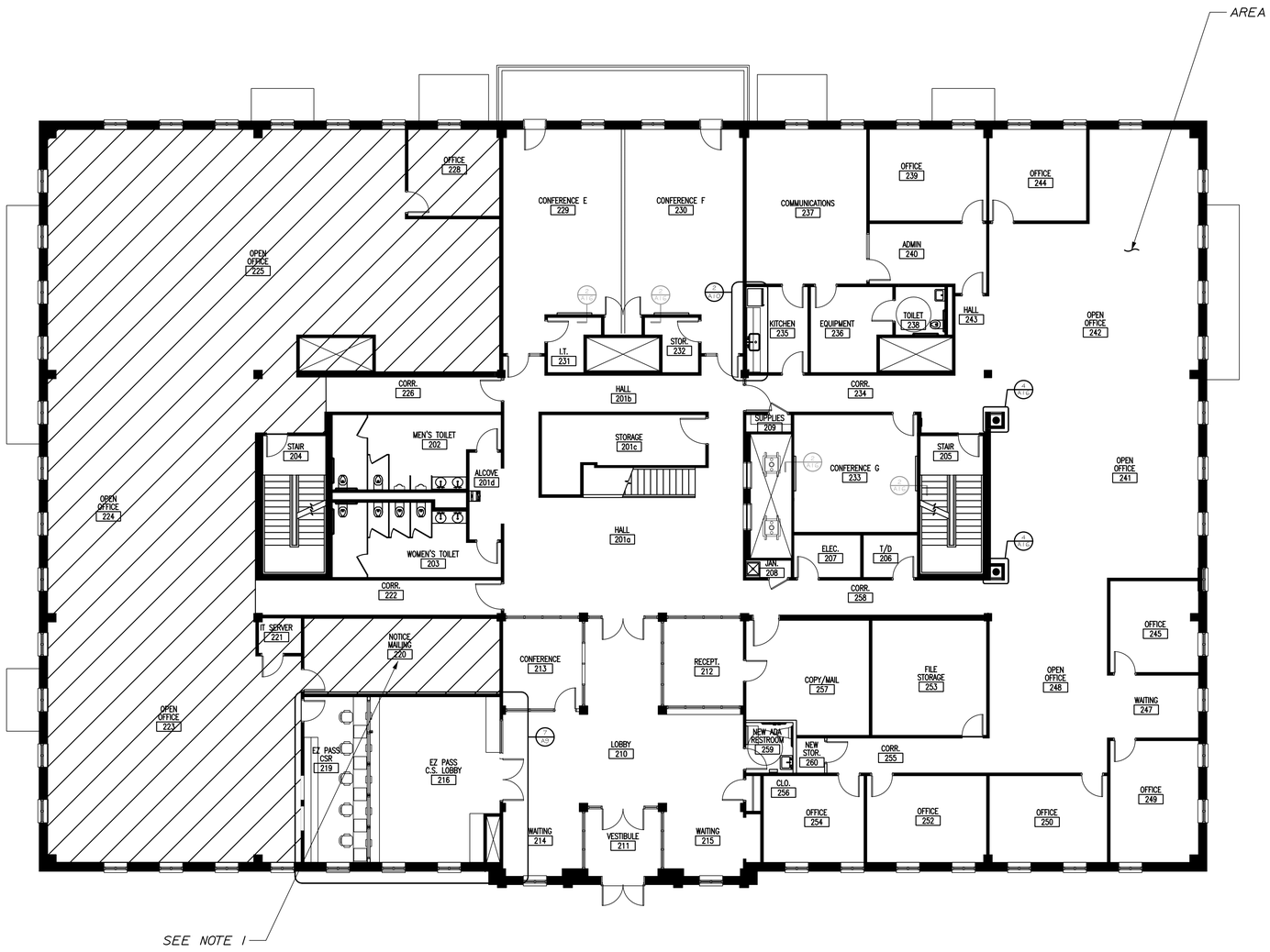
MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

CONCEPTUAL CONSTRUCTION PHASING PHASE 3: FIRST FLOOR

SHEET NUMBER: G-004

CONTRACT:2023.10



SECOND FLOOR PLAN

LEGEND

CONSTRUCTION AREA

NOTES:

1. THE NOTICE MAILING ROOM (220) WILL REMAIN OCCUPIED DURING CONSTRUCTION. THERE SHALL BE NO CONSTRUCTION OPERATIONS ALLOWED IN THIS ROOM ON THE 5TH, 10TH, AND 11TH OF EACH MONTH DURING THE DURATION OF THE PROJECT. IF THE 5TH, 10TH, OR 11TH OF EACH MONTH FALL ON A WEEKEND, THEN THE RESTRICTION WOULD FALL ON THE NEXT BUSINESS DAY.

2. SEE SPECIAL PROVISIONS 107.1.3, LIMITATIONS OF OPERATIONS FOR ADDITIONAL REQUIREMENTS.

Date:2/26/2024

Filename: 00X_Phasing Diagram_4.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: HNTB

CONSULTANT PROJECT MANAGER: TIM COTE, P.E.

	By	Date		By	Date
Designed	RBM	2/2024	Checked	RBM	2/2024
Drawn	WWL	2/2024	In Charge of	TRC	2/2024

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MAINE TURNPIKE

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MTA PROJECT MANAGER: JACQUELINE HANSEN

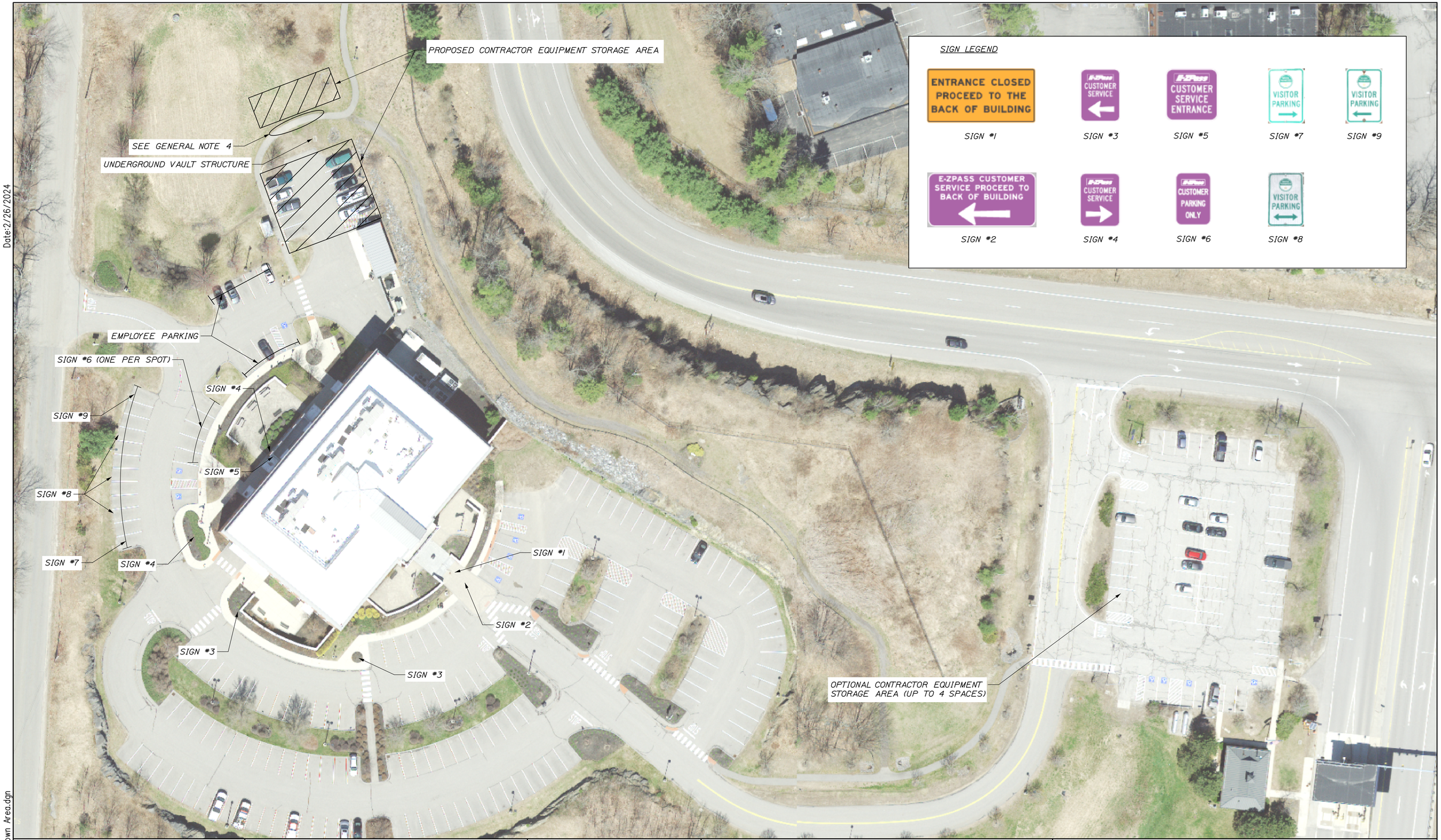
MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

CONCEPTUAL CONSTRUCTION PHASING PHASE 4: SECOND FLOOR CALL CENTER

SHEET NUMBER: G-005

CONTRACT:2023.10

Date:2/26/2024



Filename: 00X_Prosed Laydown Area.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: HNTB

CONSULTANT PROJECT MANAGER: TIM COTE, P.E.

	By	Date		By	Date
Designed	RBM	2/2024	Checked	RBM	2/2024
Drawn	WWL	2/2024	In Charge of	TRC	2/2024

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

PROPOSED CONTRACTOR STAGING AND PARKING AREAS

SHEET NUMBER: G-006

CONTRACT:2023.10

CODE ANALYSIS

NFPA 101 Life Safety Code - 2018 / 2021 Edition

Building Classification:	54,624 sf Business - Professional Offices (Existing Use-2012)
Hazard Classification:	Ordinary Hazard
Construction Type:	Type 2B (000); Sprinkled
Occupant Loads:	40,224 sf Offices @ 100 sf/occupant = 403 occupants 4,790 sf Assembly @ 15 sf/occupant = 319 occupants 5,500 sf Storage @ 500 sf/occupant = 12 occupants 4,110 sf Utility @ 0 sf/occupant = NA Total Occupant Load = 734 occupants
Janitor, Mech & Storage Rooms:	1 hour minimum
Egress Stair Rating:	1 hour minimum
Elevator Shaft Rating:	1 hour minimum
Building Uses	Business; Sprinkled
Max. Allowable Travel Distance:	300'
Max. Allowable Common Path:	100'
Max. Dead End Corridor Length:	50'
Minimum Egress Corridor Width:	36" clear
Minimum Number of Required Exits	2
Minimum Egress Door Width:	36"
Exit Lighting:	Required
Emergency Lighting:	Required
Fire Alarm System:	Required
Fire Sprinkler System:	Not Required (Existing Use)
Portable Fire Extinguishers:	Required
Exit Devices/Panic Hardware	Required

NFPA 101 Life Safety Code - 2018 / 2021 Edition (cont.)

Interior Wall/Ceiling Finishes Class:	Class A or B in Exits or Exit Corridors. Class A, B, or C in all other areas.
Interior Floor Finishes Class:	Class I or II in Exits or Exit Corridors.

2015 International Building Code

Building Classification:	54,624 sf Business - Professional Offices (Existing Use-2012)
Hazard Classification:	Ordinary Hazard
Construction Type:	Type IIB (000); Sprinkled
Occupant Loads:	40,224 sf Offices @ 100 sf/occupant = 403 occupants 4,790 sf Assembly @ 15 sf/occupant = 319 occupants 5,750 sf Storage @ 300 sf/occupant = 20 occupants 4,110 sf Utility @ 300 sf/occupant = 14 occupants Total Occupant Load = 756 occupants
Janitor, Mech & Storage Rooms:	1 hour minimum
Egress Stair Rating:	1 hour minimum
Elevator Shaft Rating:	1 hour minimum
Building Limitations	
Construction Type:	Type IIB - Multiple Story; Sprinkled
Maximum Height:	75'; 4 stories
Maximum Area / Floor:	69,000 sf
Actual Area/Height:	54,624 sf & 3 Stones (Existing)

2015 International Building Code (cont.)

Fire Resistance Ratings	
Load Bearing Exterior Walls:	None
Load Bearing Interior Walls:	None
Floor/Roof Structure:	None
Internal Structural Frame:	None
Minimum Number of Exits:	2
Maximum Dead-End Corridor Length:	50'
Maximum Common Travel Path:	75'
Maximum Travel Distance:	300'
Minimum Corridor Width:	36"
Minimum Ceiling Height:	7'-6"
Fire Alarm System:	Required
Fire Sprinkler System:	Required
Portable Fire Extinguishers:	Required
Exit Lighting	Required
Emergency Lighting	Required
Exit Devices/Panic Hardware	Required
Building Live Loads	
Office:	50 psf
Lobbies:	100 psf
Corridors:	80 psf

Interior Finish Requirements	Business B - Non-Sprinkled
Exit enclosures/passageways	Class A or B
Corridors	Class B
Rooms & enclosed spaces	Class C

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
ALUM or AL	ALUMINUM
AWP	ACOUSTICAL WALL PANEL
BIT	BITUMINOUS
BM	BENCH MARK
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
C	CARPET
CAB	CABINET
CB	CHALK BOARD
CC	CENTER TO CENTER
CH	CONCRETE FLOOR WITH HARDENER
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CONTR	CONTRACTOR
CT	CERAMIC TILE
DBL	DOUBLE
DC	DOOR CLOSER
DIA	DIAMETER
DIM	DIMENSION
DNA	DOES NOT APPLY
DR	DOOR
DTL	DETAIL
DWG	DRAWING
E	EAST
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMHO	ELECTROMAGNETIC HOLD OPEN
EQ	EQUAL
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXIST OF (E)	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FCS	FLOOR COATING SYSTEM
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FFE	FINISH FLOOR ELEVATION
FIN	FINISH
FIN FL or FF	FINISH FLOOR
FIN GR	FINISH GRADE
FL	FLOOR
FR	FIRE RATING
FRMG	FRAMING
FT	FEET (FOOT)
FV	FIELD VERIFY
FWC	FABRIC WALL COVERING
G	GRANITE
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BARS
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALL BOARD
HC	HANDICAP
HD WD	HARDWOOD
HDR	HEADER
HDWE	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCHES
INSUL	INSULATION
INT	INTERIOR
JNT or JT	JOINT
KEC	KITCHEN EQUIPMENT CONSULTANT
KP	KICK PLATE
L	LAVATORY
LAB	LABEL (FIRE)
LNTL	LINTEL
LOC	LOCATION
LS	LOCKSET
M	MARBLE
MAS	MASONRY
MAX	MAXIMUM
MB	MARKER BOARD
MECH	MECHANICAL
MFGR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOP OPENING
MRGB	MOISTURE RESISTANT GYPSUM BOARD
MTL	METAL
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
P	PAINT
PTD	PAINTED
PB	PANIC BAR
PL	PLATE
PLY WD	PLYWOOD
PNL	PANEL
PS	PASSAGE LATCH SET
P.T.	PRESSURE TREATED
PT & D	PAPER TOWEL & WASTE DISPENSER
PTN	PARTITION
RD	ROOF DRAIN
RE	REFER
REF	REFRIGERATOR
REINF	REINFORCED
REQ'D	REQUIRED
RM	ROOM
RO	ROUGH OPENING
S	SOUTH
SAT	SUSPENDED ACOUSTICAL TILE CEILING
SC	SHOWER CURTAIN
SD	SOAP DISPENSER
SCHED	SCHEDULE
SECT	SECTION
SGB	SUSPENDED GYPSUM BOARD CEILING
SHT	SHEET
SIM	SIMILAR
SND	SANITARY NAPKIN DISPOSAL
SPEC	SPECIFICATIONS
SQ	SQUARE
SSS	SYNTHETIC SPORTS SURFACE
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
STV	STRAIGHT VINYL BASE
SV	SHEET VINYL
T	TEMPERED (GLASS)
TB	TACK BOARD
TH	THERMAL (INSULATED)
THK	THICKNESS
TO	TOP OF
TOB	TOP OF BEAM
TOM	TOP OF MASONRY
TOW	TOP OF WALL
TP	TOILET PAPER DISPENSER
TYP	TYPICAL
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VWC	VINYL WALL COVERING
W	WEST
w/	WITH
WC	WATER CLOSET
WD	WOOD
WF	WATER FOUNTAIN
WG	WIRE GLASS
WP	WOOD PANELING

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO LOCAL AND STATE LAWS, ORDINANCES AND PREVAILING EDITIONS OF ADOPTED BUILDING CODES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE ALL PERMITS FOR THE WORK.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING THE WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT. CONTRACTOR SHALL PROCEED WITH THE WORK ONLY AFTER SUCH DISCREPANCIES HAVE BEEN RESOLVED BY THE ARCHITECT. CONTRACTOR SHALL ALLOW A 48 HOUR TIME FRAME FOR RESOLVING DISCREPANCIES ONCE THE ARCHITECT HAS ACKNOWLEDGED THE CONDITION.
3. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING THE WORK IN ANY GIVEN AREA.
4. WORK WITH GIVEN DIMENSIONS AND LARGE SCALE DETAILS. DO NOT SCALE THE DRAWINGS AS THE REPRODUCTIVE PROCESS TENDS TO DISTORT THE ACCURACY OF THE GRAPHIC SCALE INDICATED.
5. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN A NEAT, SAFE, AND CLEAN MANNER. ALL CONSTRUCTION WASTE SHALL BE REMOVED FROM THE BUILDING. SITE BURNING IS NOT ALLOWED. LEAVE WORK AREA IN A CLEAN, SAFE CONDITION AT THE END OF EACH WORK DAY.
6. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF AT AN APPROVED OFF-SITE FACILITY IN COMPLIANCE WITH ALL REGULATIONS.
7. ALL WOOD IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE PRESERVATIVE TREATED.
8. ALL CEILINGS SHALL BE LEVEL TO A TOLERANCE OF ⅛" IN A 20'-0" RADIUS WHEN CHECKED WITH A 10'-0" STRAIGHT EDGE.
9. INSTALL SOLID BLOCKING AT WALL FRAMING BEHIND ALL SURFACE MOUNTED FIXTURES, TRIM AND ACCESSORIES.
10. ALL GRAB BARS AND HANDRAILS SHALL BE ABLE TO SUPPORT A DEAD WEIGHT OF 250 LBS. AT ANY POINT.
11. THE LOCATION OF ANY DOOR JAMBS NOT DIMENSIONED SHALL BE 6" FROM ADJACENT PERPENDICULAR WALL.
12. ALL WALL PARTITIONS SHALL EXTEND FLOOR TO STRUCTURE ABOVE, U.N.O.
13. ALL NEW SHEETROCK IN WET AREAS (PLUMBING FIXTURES) SHALL BE MOISTURE-RESISTANT TYPE, U.N.O.
14. ALL NEW INTERIOR WALLS SHALL HAVE FULL-THICK INSULATION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL ASPECTS OF THE WORK, INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL DESIGN-BUILD ENGINEERING, BUILDING TRADES & DISCIPLINES.
16. REFER TO THE ACCESSIBILITY DETAIL SHEET FOR AMERICANS WITH DISABILITIES ACT (ADA) AND MAINE HUMAN RIGHTS ACT (MHRA) CONSTRUCTION CRITERIA.
17. DOORWAYS SHALL HAVE A MINIMUM CLEAR WIDTH OF 32" WITH THE DOOR OPEN 90 DEGREES, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP.
18. ALL DOORS SHALL HAVE LEVER HANDLE HARDWARE, EXCEPT AT SECURED STORAGE ROOMS, MECHANICAL ROOMS, AND ELEVATOR MACHINE ROOMS.

MATERIALS

- CONCRETE
- CONCRETE MASONRY UNIT
- BRICK
- GRAVEL
- SOIL
- STUD PARTITION (EXISTING)
- STEEL
- WOOD FRAMING
- WOOD BLOCKING
- PLYWOOD
- GYPSUM BOARD
- SUSPENDED ACOUSTICAL TILE
- BATT INSULATION
- RIGID INSULATION
- FINISH WOOD
- ONE HOUR RATED PARTITION
- TWO HOUR RATED PARTITION
- EXISTING PARTITION (SCREENED)
- NEW PARTITION

SYMBOLS

- 101 — ROOM NUMBER
- 101 — DOOR NUMBER
- A — WINDOW NUMBER
- A / A7 — BUILDING SECTION
- 1 / A20 — WALL SECTION
- B / A10 — DETAIL SECTION
- 6-A9 — CASEWORK ELEVATION
- 1 / 2 / A6 — INTERIOR ELEVATION
- VERTICAL ELEVATION
- 1 — PARTITION TYPE
- STRUCTURAL CENTERLINE

DRAWING INDEX

A-0	ARCHITECTURAL CODES, NOTES & GRAPHIC STANDARDS
AD-1	EXISTING / DEMOLITION FIRST FLOOR PLAN
AD-2	EXISTING / DEMOLITION SECOND FLOOR PLAN
AD-3	EXISTING / DEMOLITION THIRD FLOOR PLAN
AD-4	EXTERIOR PATIO DEMOLITION PLAN
A-1	PROPOSED FIRST FLOOR PLAN
A-2	PROPOSED SECOND FLOOR PLAN
A-3	PROPOSED THIRD FLOOR PLAN
A-4	EXTERIOR PATIO PLAN
A-5	FIRST FLOOR REFLECTED CEILING PLAN
A-6	SECOND FLOOR REFLECTED CEILING PLAN
A-7	THIRD FLOOR REFLECTED CEILING PLAN
A-8	ROOF PLAN
A-9	EZ PASS PLAN & ELEVATIONS
A-10	BREAK ROOM CASEWORK
A-11	VENDING & KITCHENS CASEWORK
A-12	DOORS
A-13	DOORS
A-14	FINISHES
A-15	FINISHES
A-16	DETAILS
A-17	ACCESSIBILITY DETAILS & NOTES
A-18	TEMPORARY EZ-PASS CUSTOMER SERVICE AREA PLAN & DETAILS
A-19	CALL CENTER FURNITURE PLAN

Scale: NO SCALE

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

MICHAEL F. HAYS — REGISTERED ARCHITECT — No. 1724 — STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

GRANT HAYS ASSOCIATES

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

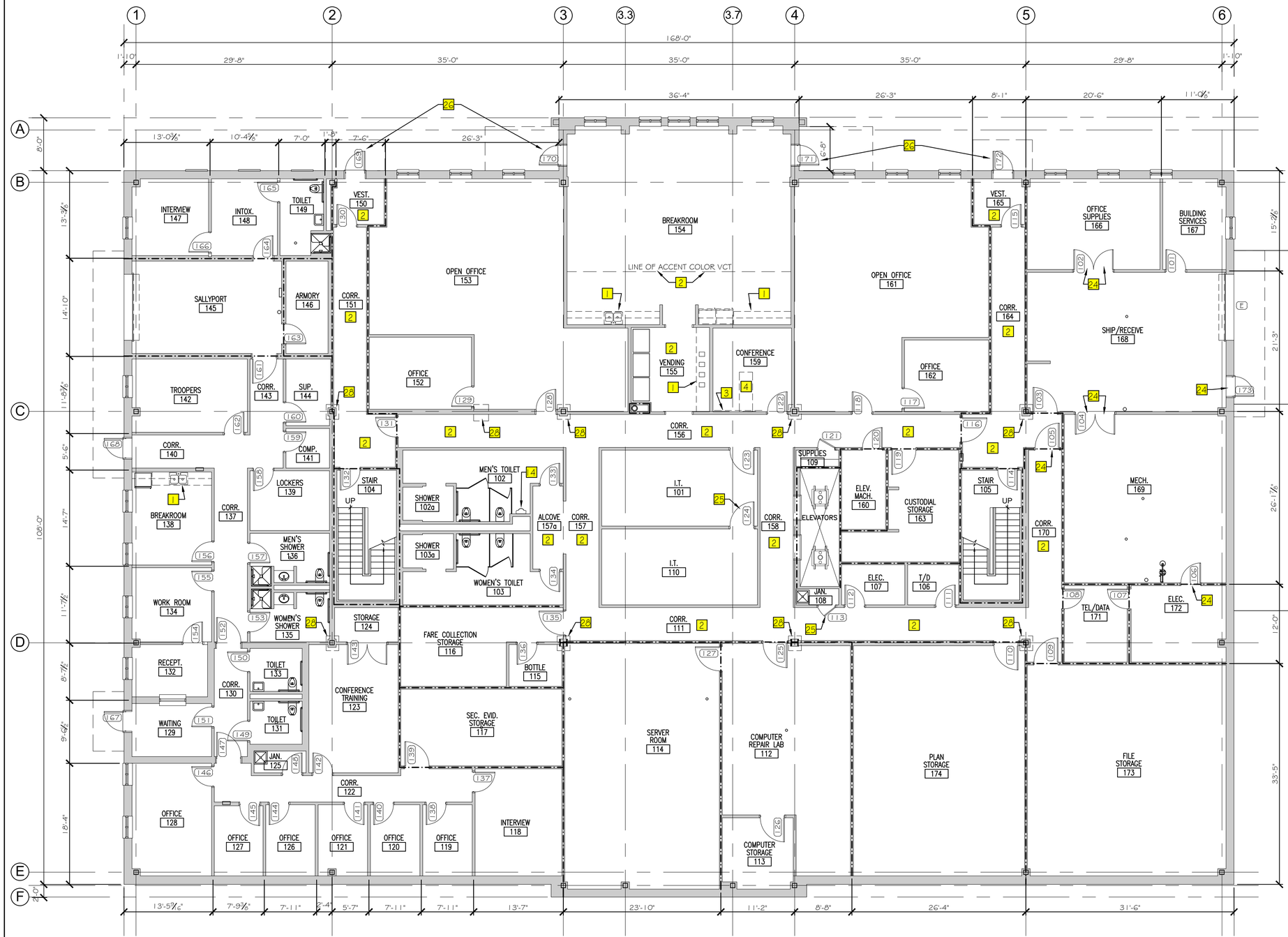
MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT ARCHITECTURAL CODES, NOTES & GRAPHIC STANDARDS

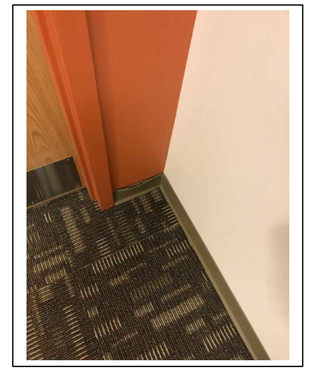
SHEET NUMBER: A-0

CONTRACT: 2023.10

PLAN NORTH

FOR DEMOLITION NOTES SEE SHEET AD-2





① EXISTING WALL BASE CONDITION 20

② EXISTING CONDITION AT 28 FLOOR DEPRESSION

Scale: 1/8"=1'-0"	Designed by: Michael F. Hays, RA

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT EXISTING/DEMOLITION FIRST FLOOR PLAN

SHEET NUMBER: AD-1

CONTRACT: 2023.10

DEMOLITION NOTES LEGEND

1. REMOVE EXISTING COUNTERS AND SINK/FAUCET. REMOVE EXISTING DOOR AND DRAWER FRONTS AT ALL CABINETS. PREP CABINETS FOR NEW DOOR AND DRAWER FRONTS, NEW HINGES, AND NEW PULLS. REFRIGERATOR SHALL BE REMOVED AND RE-INSTALLED BY OWNER.
2. REMOVE EXISTING VCT FLOORING AND VB IN ITS ENTIRETY. SEE PLAN AND FINISH SCHEDULE FOR NEW WORK, INCLUDING VB.
3. REMOVE EXISTING GYPSUM BOARD FOR INSTALLATION OF NEW IN-WALL BLOCKING AND POWER/COMMUNICATIONS WIRING AT AUDIO-VISUAL EQUIPMENT & DEVICES. SEE PLAN AND SCHEDULES FOR PATCHING AND FINISHES. SEE ELECTRICAL AND AUDIO-VISUAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. COORDINATE BLOCKING LOCATION & SIZE w/ A/V INSTALLER.
4. REMOVE EXISTING CARPET TO FACILITATE INSTALLATION OF NEW LOW-PROFILE "CONNECT-TRAC" POWER & NETWORK CABLE SYSTEM TO CENTER OF ROOM. SEE PLAN AND SCHEDULE FOR PATCHING AND FINISHES. SEE ELECTRICAL AND AUDIO-VISUAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
5. REMOVE EXISTING WORKSURFACE AND SUPPORTS IN THEIR ENTIRETY. PREP FOR NEW WORK - SEE PLAN. SEE ELECTRICAL FOR POWER AND NETWORK ADDITIONAL REQUIREMENTS.
6. REMOVE EXISTING PARTITIONS, DOORS, WINDOWS, AND FRAMES. PATCH ADJACENT SURFACES AT REMOVALS TO MATCH EXISTING. PREP FOR NEW WORK.
7. REMOVE EXISTING DOOR AND FRAME. PREP FOR NEW WORK.
8. OWNER SHALL REMOVE EXISTING CUBICLE FURNITURE SYSTEM VIA SEPARATE CONTRACTOR PER PHASES. COORDINATE POWER AND NETWORK DISCONNECTS WITH OWNER.
9. REMOVE EXISTING CARPET. PREP FOR NEW WORK.
10. REMOVE EXISTING SUSPENDED CEILING. PREP FOR NEW SUSPENDED CEILING SYSTEM. SALVAGE SELECT EXISTING DEVICES TO BE REINSTALLED IN NEW WORK. SEE ELECTRICAL FOR LIGHTING, POWER, AND ADDITIONAL REQUIREMENTS.
11. REMOVE EXISTING PARTITION FOR NEW OPENING. PATCH ADJACENT SURFACES AT REMOVALS TO MATCH EXISTING. PREP FOR NEW WORK.
12. REMOVE EXISTING DOORS. SEE PLAN AND SCHEDULE FOR NEW WORK. REINSTALL DOORS.
13. CORE EXISTING FLOOR FOR NEW ELECTRICAL POWER/NETWORK BOX. SEE ELECTRICAL DRAWINGS. COORDINATE WITH LOCATION OF IN-SLAB PARTIAL RADIANT HEAT SYSTEM. PATCH CARPET FLOORING WITH MAINTENANCE STOCK PROVIDED BY OWNER.
14. REFER TO MECHANICAL/PLUMBING DRAWINGS FOR NEW ESCUTCHEON PLATE AT REPLACED URINAL. NEW PLATE SHALL BE SIZED TO EXTEND ONTO EXISTING TILE FINISH TO REMAIN. UTILIZE OWNER TILE MAINTENANCE STOCK AS REQUIRED FOR UNIFORM FINISH APPEARANCE.
15. REMOVE EXISTING GRANITE PAVERS, BASE MATERIAL, AND BITUMINOUS PAVEMENT. SALVAGE GRANITE PAVERS FOR OWNER ON PALLETS WRAPPED IN PROTECTIVE COVER. OWNER SHALL TRANSPORT PALLETS TO OWNER'S STORAGE LOCATION. PREP AREA FOR NEW BROOMED FINISHED CONCRETE SLAB PER SPECIAL PROVISION 608.
16. REMOVE EXISTING CONCRETE PAVERS, TACTILE STRIP, BASE MATERIAL, AND BITUMINOUS PAVEMENT. SALVAGE PAVERS IN GOOD CONDITION TO BE UTILIZED FOR REPLACEMENT OF BROKEN PAVERS AT UPPER PATIO LEVEL. PREP AREA FOR NEW BROOMED FINISHED CONCRETE SLAB PER SPECIAL PROVISION 608.
17. REPAIR EXISTING MASONRY WALL AND CAP JOINTS AT ENTIRE PATIO WALL PERIMETER. ROUT AND REPOINT; TOOL TO MATCH EXISTING. MATCH EXISTING JOINT COLOR.
18. REPAIR EXISTING MASONRY JOINTS AT LOWER 48" OF ALL FOUR (4) BUILDING PIERS. ROUT AND REPOINT; TOOL TO MATCH EXISTING BUILDING. MATCH EXISTING JOINT COLOR. SEE SHEET A-4 FOR ADDITIONAL PHOTO DETAILS.
19. REPAIR THREE HUNDRED (300) SQUARE FEET OF MASONRY JOINTS AT FAÇADE OF BUILDING. REPAIR AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, SECOND FLOOR FAÇADE AT PATIO LEVEL, THIRD FLOOR BALCONY LEVEL, THIRD FLOOR WALLS ADJACENT TO AND ABOVE BALCONY. ROUT AND REPOINT; TOOL TO MATCH EXISTING BUILDING. MATCH EXISTING JOINT COLOR. LOCATIONS OF JOINT REPAIRS SHALL BE AS DIRECTED BY THE OWNER'S RESIDENT ENGINEER. SEE SHEET A-4 FOR ADDITIONAL PHOTO DETAILS.
20. REPLACE OR TRIM / REATTACH DETACHED VINYL COVE BASE AT VARIOUS LOCATIONS THROUGHOUT FIRST FLOOR AREAS, TO BE FIELD VERIFIED WITH ARCHITECT.
21. REMOVE EXISTING PARTITION FOR MECHANICAL WORK. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
22. REMOVE EXISTING CARPET TILE & WALL BASE IN ITS ENTIRETY. PREP SUBSTRATE FOR NEW FINISH.
23. REMOVE EXISTING CABINETS AND COUNTERTOPS IN THEIR ENTIRETY. PATCH ADJACENT SURFACES TO REMAIN; MATCH EXISTING.
24. REMOVE EXISTING KICKPLATE. PREP DOOR FOR NEW HARDWARE.
25. REMOVE EXISTING STRIKE PLATE. PREP DOOR FOR NEW STRIKE PLATE.
26. REMOVE EXISTING DOOR CLOSER. PREP FOR NEW DOOR OPERATOR.
27. REMOVE EXISTING VCT FLOORING & WALL BASE. PREP FOR NEW WORK.
28. REMOVE & REPLACE FLOORING & VB AT FILL AREA OF DEPRESSED FLOOR AT COLUMN AREA.
29. ALTERNATE: REMOVE EXISTING CONCRETE PAVERS IN THEIR ENTIRETY. PREP AREA FOR NEW CONCRETE SLAB.

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by: Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT EXISTING/DEMOLITION SECOND FLOOR PLAN

SHEET NUMBER: AD-2

CONTRACT: 2023.10

DEMOLITION NOTES LEGEND

1. REMOVE EXISTING COUNTERS AND SINK/FAUCET. REMOVE EXISTING DOOR AND DRAWER FRONTS AT ALL CABINETS. PREP CABINETS FOR NEW DOOR AND DRAWER FRONTS, NEW HINGES, AND NEW PULLS. REFRIGERATOR SHALL BE REMOVED AND RE-INSTALLED BY OWNER.
2. REMOVE EXISTING VCT FLOORING AND VB IN ITS ENTIRETY. SEE PLAN AND FINISH SCHEDULE FOR NEW WORK, INCLUDING VB.
3. REMOVE EXISTING GYPSUM BOARD FOR INSTALLATION OF NEW IN-WALL BLOCKING AND POWER/COMMUNICATIONS WIRING AT AUDIO-VISUAL EQUIPMENT & DEVICES. SEE PLAN AND SCHEDULES FOR PATCHING AND FINISHES. SEE ELECTRICAL AND AUDIO-VISUAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. COORDINATE BLOCKING LOCATION & SIZE w/ A/V INSTALLER.
4. REMOVE EXISTING CARPET TO FACILITATE INSTALLATION OF NEW LOW-PROFILE "CONNECT-TRAC" POWER & NETWORK CABLE SYSTEM TO CENTER OF ROOM. SEE PLAN AND SCHEDULE FOR PATCHING AND FINISHES. SEE ELECTRICAL AND AUDIO-VISUAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
5. REMOVE EXISTING WORKSURFACE AND SUPPORTS IN THEIR ENTIRETY. PREP FOR NEW WORK - SEE PLAN. SEE ELECTRICAL FOR POWER AND NETWORK ADDITIONAL REQUIREMENTS.
6. REMOVE EXISTING PARTITIONS, DOORS, WINDOWS, AND FRAMES. PATCH ADJACENT SURFACES AT REMOVALS TO MATCH EXISTING. PREP FOR NEW WORK.
7. REMOVE EXISTING DOOR AND FRAME. PREP FOR NEW WORK.
8. OWNER SHALL REMOVE EXISTING CUBICLE FURNITURE SYSTEM VIA SEPARATE CONTRACTOR PER PHASES. COORDINATE POWER AND NETWORK DISCONNECTS WITH OWNER.
9. REMOVE EXISTING CARPET. PREP FOR NEW WORK.
10. REMOVE EXISTING SUSPENDED CEILING. PREP FOR NEW SUSPENDED CEILING SYSTEM. SALVAGE SELECT EXISTING DEVICES TO BE REINSTALLED IN NEW WORK. SEE ELECTRICAL FOR LIGHTING, POWER, AND ADDITIONAL REQUIREMENTS.
11. REMOVE EXISTING PARTITION FOR NEW OPENING. PATCH ADJACENT SURFACES AT REMOVALS TO MATCH EXISTING. PREP FOR NEW WORK.
12. REMOVE EXISTING DOORS. SEE PLAN AND SCHEDULE FOR NEW WORK. REINSTALL DOORS.
13. CORE EXISTING FLOOR FOR NEW ELECTRICAL POWER/NETWORK BOX. SEE ELECTRICAL DRAWINGS. COORDINATE WITH LOCATION OF IN-SLAB PARTIAL RADIANT HEAT SYSTEM. PATCH CARPET FLOORING WITH MAINTENANCE STOCK PROVIDED BY OWNER.
14. REFER TO MECHANICAL/PLUMBING DRAWINGS FOR NEW ESCUTCHEON PLATE AT REPLACED URINAL. NEW PLATE SHALL BE SIZED TO EXTEND ONTO EXISTING TILE FINISH TO REMAIN. UTILIZE OWNER TILE MAINTENANCE STOCK AS REQUIRED FOR UNIFORM FINISH APPEARANCE.
15. REMOVE EXISTING GRANITE PAVERS, BASE MATERIAL, AND BITUMINOUS PAVEMENT. SALVAGE GRANITE PAVERS FOR OWNER ON PALLETS WRAPPED IN PROTECTIVE COVER. OWNER SHALL TRANSPORT PALLETS TO OWNER'S STORAGE LOCATION. PREP AREA FOR NEW BROOMED FINISHED CONCRETE SLAB PER SPECIAL PROVISION 608.
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17. REPAIR EXISTING MASONRY WALL AND CAP JOINTS AT ENTIRE PATIO WALL PERIMETER. ROUT AND REPOINT; TOOL TO MATCH EXISTING. MATCH EXISTING JOINT COLOR.
18. REPAIR EXISTING MASONRY JOINTS AT LOWER 48" OF ALL FOUR (4) BUILDING PIERS. ROUT AND REPOINT; TOOL TO MATCH EXISTING BUILDING. MATCH EXISTING JOINT COLOR. SEE SHEET A-4 FOR ADDITIONAL PHOTO DETAILS.
19. REPAIR THREE HUNDRED (300) SQUARE FEET OF MASONRY JOINTS AT FAÇADE OF BUILDING. REPAIR AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, SECOND FLOOR FAÇADE AT PATIO LEVEL, THIRD FLOOR BALCONY LEVEL, THIRD FLOOR WALLS ADJACENT TO AND ABOVE BALCONY. ROUT AND REPOINT; TOOL TO MATCH EXISTING BUILDING. MATCH EXISTING JOINT COLOR. LOCATIONS OF JOINT REPAIRS SHALL BE AS DIRECTED BY THE OWNER'S RESIDENT ENGINEER. SEE SHEET A-4 FOR ADDITIONAL PHOTO DETAILS.
20. REPLACE OR TRIM / REATTACH DETACHED VINYL COVE BASE AT VARIOUS LOCATIONS THROUGHOUT FIRST FLOOR AREAS, TO BE FIELD VERIFIED WITH ARCHITECT.
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27. REMOVE EXISTING VCT FLOORING & WALL BASE. PREP FOR NEW WORK.
28. REMOVE & REPLACE FLOORING & VB AT FILL AREA OF DEPRESSED FLOOR AT COLUMN AREA.
29. ALTERNATE: REMOVE EXISTING CONCRETE PAVERS IN THEIR ENTIRETY. PREP AREA FOR NEW CONCRETE SLAB.

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by: Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
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MAINE TURNPIKE

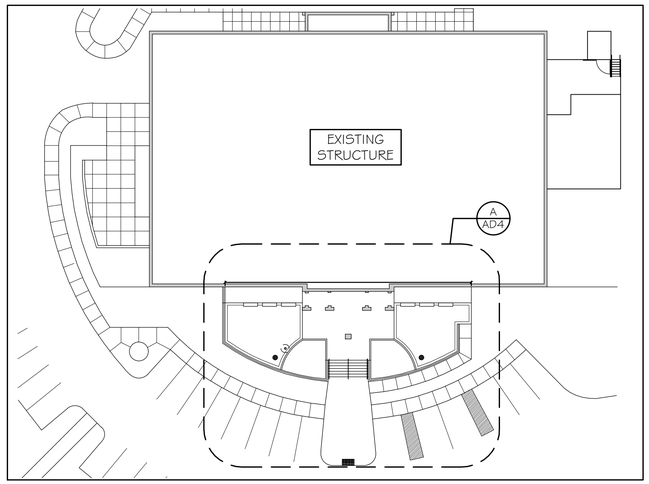
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT EXISTING/DEMOLITION THIRD FLOOR PLAN

SHEET NUMBER: AD-3

CONTRACT: 2023.10



1 PATIO PLAN AT SECOND FLOOR 1/32" = 1'-0"

EXTERIOR WINDOWS

1. REMOVE ALL EXISTING PERIMETER SEALANT AT ALL EXTERIOR WINDOWS.
2. PREP FOR NEW WORK.
3. INSTALL NEW PERIMETER SEALANT AT ALL EXTERIOR WINDOWS.

GENERAL NOTES

1. PROTECT EXISTING PLANTINGS, GRANITE STEPS, MONUMENT, AND GRANITE WALL CAPS DURING MASONRY AND CONCRETE WORK.
2. REMOVE AND RE-INSTALL LIGHT FIXTURES, HANDRAILS, SIGNAGE, AND APPURTENANCES FROM MASONRY WALLS PRIOR TO COMMENCEMENT OF MASONRY WORK. OBTAIN RESIDENT ENGINEER'S APPROVAL OF COMPLETION OF MASONRY WORK PRIOR TO REINSTALLATION.

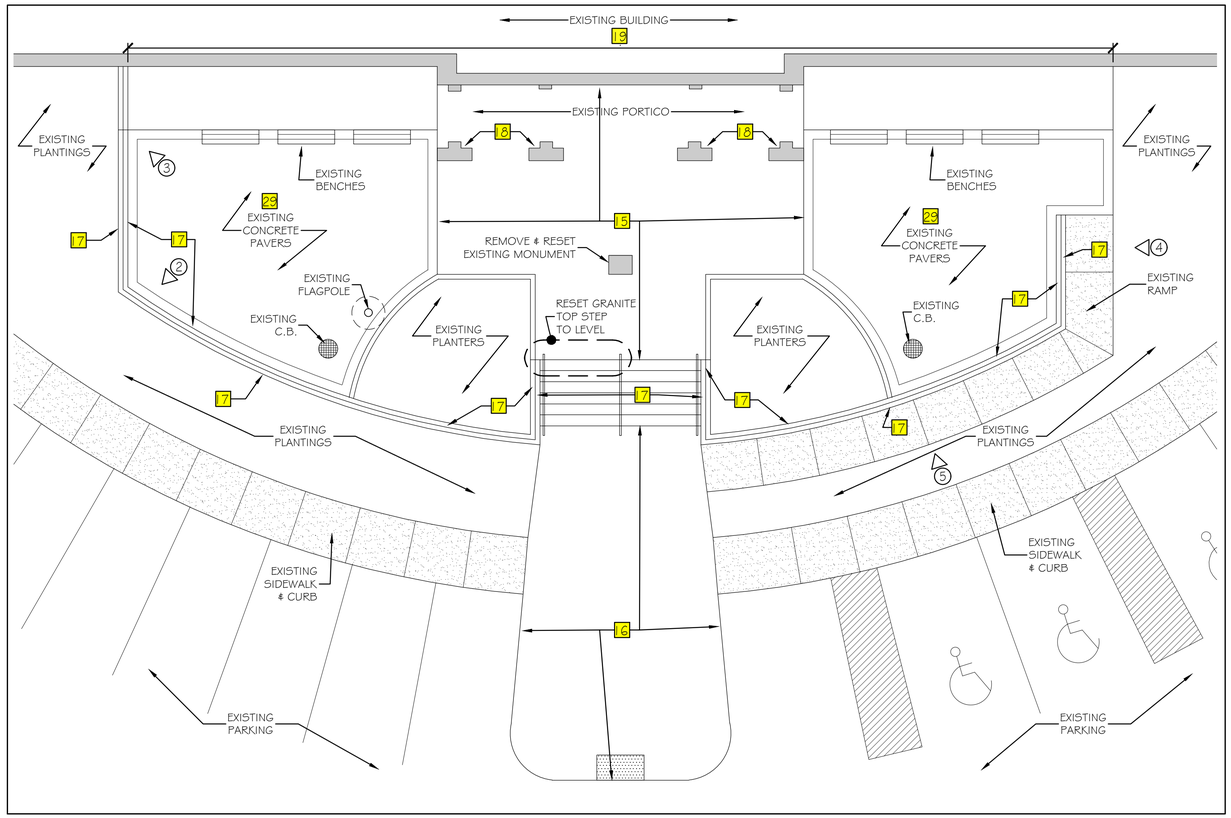
PLAN NORTH

2 EXISTING TYPICAL PATIO WALL CONDITION 17

3 EXISTING TYPICAL PATIO WALL CONDITION 17

4 EXISTING ADA RAMP WALL CONDITION 17

5 EXISTING ADA RAMP WALL CONDITION 17



A EXTERIOR PATIO DEMOLITION PLAN 1/8" = 1'-0"

DEMOLITION NOTES LEGEND

1. REMOVE EXISTING COUNTERS AND SINK/FAUCET. REMOVE EXISTING DOOR AND DRAWER FRONTS AT ALL CABINETS. PREP CABINETS FOR NEW DOOR AND DRAWER FRONTS, NEW HINGES, AND NEW PULLS. REFRIGERATOR SHALL BE REMOVED AND RE-INSTALLED BY OWNER.
2. REMOVE EXISTING VCT FLOORING AND VB IN ITS ENTIRETY. SEE PLAN AND FINISH SCHEDULE FOR NEW WORK, INCLUDING VB.
3. REMOVE EXISTING GYPSUM BOARD FOR INSTALLATION OF NEW IN-WALL BLOCKING AND POWER/COMMUNICATIONS WIRING AT AUDIO-VISUAL EQUIPMENT & DEVICES. SEE PLAN AND SCHEDULES FOR PATCHING AND FINISHES. SEE ELECTRICAL AND AUDIO-VISUAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. COORDINATE BLOCKING LOCATION & SIZE w/ A/V INSTALLER.
4. REMOVE EXISTING CARPET TO FACILITATE INSTALLATION OF NEW LOW-PROFILE "CONNECT-TRAC" POWER & NETWORK CABLE SYSTEM TO CENTER OF ROOM. SEE PLAN AND SCHEDULE FOR PATCHING AND FINISHES. SEE ELECTRICAL AND AUDIO-VISUAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
5. REMOVE EXISTING WORKSURFACE AND SUPPORTS IN THEIR ENTIRETY. PREP FOR NEW WORK - SEE PLAN. SEE ELECTRICAL FOR POWER AND NETWORK ADDITIONAL REQUIREMENTS.
6. REMOVE EXISTING PARTITIONS, DOORS, WINDOWS, AND FRAMES. PATCH ADJACENT SURFACES AT REMOVALS TO MATCH EXISTING. PREP FOR NEW WORK.
7. REMOVE EXISTING DOOR AND FRAME. PREP FOR NEW WORK.
8. OWNER SHALL REMOVE EXISTING CUBICLE FURNITURE SYSTEM VIA SEPARATE CONTRACTOR PER PHASES. COORDINATE POWER AND NETWORK DISCONNECTS WITH OWNER.
9. REMOVE EXISTING CARPET. PREP FOR NEW WORK.
10. REMOVE EXISTING SUSPENDED CEILING. PREP FOR NEW SUSPENDED CEILING SYSTEM. SALVAGE SELECT EXISTING DEVICES TO BE REINSTALLED IN NEW WORK. SEE ELECTRICAL FOR LIGHTING, POWER, AND ADDITIONAL REQUIREMENTS.
11. REMOVE EXISTING PARTITION FOR NEW OPENING. PATCH ADJACENT SURFACES AT REMOVALS TO MATCH EXISTING. PREP FOR NEW WORK.
12. REMOVE EXISTING DOORS. SEE PLAN AND SCHEDULE FOR NEW WORK. REINSTALL DOORS.
13. CORE EXISTING FLOOR FOR NEW ELECTRICAL POWER/NETWORK BOX. SEE ELECTRICAL DRAWINGS. COORDINATE WITH LOCATION OF IN-SLAB PARTIAL RADIANT HEAT SYSTEM. PATCH CARPET FLOORING WITH MAINTENANCE STOCK PROVIDED BY OWNER.
14. REFER TO MECHANICAL/PLUMBING DRAWINGS FOR NEW ESCUTCHEON PLATE AT REPLACED URINAL. NEW PLATE SHALL BE SIZED TO EXTEND ONTO EXISTING TILE FINISH TO REMAIN. UTILIZE OWNER TILE MAINTENANCE STOCK AS REQUIRED FOR UNIFORM FINISH APPEARANCE.
15. REMOVE EXISTING GRANITE PAVERS, BASE MATERIAL, AND BITUMINOUS PAVEMENT. SALVAGE GRANITE PAVERS FOR OWNER ON PALLETS WRAPPED IN PROTECTIVE COVER. OWNER SHALL TRANSPORT PALLETS TO OWNER'S STORAGE LOCATION. PREP AREA FOR NEW BROOMED FINISHED CONCRETE SLAB PER SPECIAL PROVISION 608.
16. REMOVE EXISTING CONCRETE PAVERS, TACTILE STRIP, BASE MATERIAL, AND BITUMINOUS PAVEMENT. SALVAGE PAVERS IN GOOD CONDITION TO BE UTILIZED FOR REPLACEMENT OF BROKEN PAVERS AT UPPER PATIO LEVEL. PREP AREA FOR NEW BROOMED FINISHED CONCRETE SLAB PER SPECIAL PROVISION 608.
17. REPAIR EXISTING MASONRY WALL AND CAP JOINTS AT ENTIRE PATIO WALL PERIMETER. ROUT AND REPOINT; TOOL TO MATCH EXISTING. MATCH EXISTING JOINT COLOR.
18. REPAIR EXISTING MASONRY JOINTS AT LOWER 48" OF ALL FOUR (4) BUILDING PIERS. ROUT AND REPOINT; TOOL TO MATCH EXISTING BUILDING. MATCH EXISTING JOINT COLOR. SEE SHEET A-4 FOR ADDITIONAL PHOTO DETAILS.
19. REPAIR THREE HUNDRED (300) SQUARE FEET OF MASONRY JOINTS AT FAÇADE OF BUILDING. REPAIR AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, SECOND FLOOR FAÇADE AT PATIO LEVEL, THIRD FLOOR BALCONY LEVEL, THIRD FLOOR WALLS ADJACENT TO AND ABOVE BALCONY. ROUT AND REPOINT; TOOL TO MATCH EXISTING BUILDING. MATCH EXISTING JOINT COLOR. LOCATIONS OF JOINT REPAIRS SHALL BE AS DIRECTED BY THE OWNER'S RESIDENT ENGINEER. SEE SHEET A-4 FOR ADDITIONAL PHOTO DETAILS.
20. REPLACE OR TRIM / REATTACH DETACHED VINYL COVE BASE AT VARIOUS LOCATIONS THROUGHOUT FIRST FLOOR AREAS, TO BE FIELD VERIFIED WITH ARCHITECT.
21. REMOVE EXISTING PARTITION FOR MECHANICAL WORK. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
22. REMOVE EXISTING CARPET TILE & WALL BASE IN ITS ENTIRETY. PREP SUBSTRATE FOR NEW FINISH.
23. REMOVE EXISTING CABINETS AND COUNTERTOPS IN THEIR ENTIRETY. PATCH ADJACENT SURFACES TO REMAIN; MATCH EXISTING.
24. REMOVE EXISTING KICKPLATE. PREP DOOR FOR NEW HARDWARE.
25. REMOVE EXISTING STRIKE PLATE. PREP DOOR FOR NEW STRIKE PLATE.
26. REMOVE EXISTING DOOR CLOSER. PREP FOR NEW DOOR OPERATOR.
27. REMOVE EXISTING VCT FLOORING & WALL BASE. PREP FOR NEW WORK.
28. REMOVE & REPLACE FLOORING & VB AT FILL AREA OF DEPRESSED FLOOR AT COLUMN AREA.
29. ALTERNATE: REMOVE EXISTING CONCRETE PAVERS IN THEIR ENTIRETY. PREP AREA FOR NEW CONCRETE SLAB.

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

REGISTERED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

GRANT HAYS ASSOCIATES
ARCHITECTURE & INTERIOR DESIGN
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT EXISTING/DEMOLITION PATIO PLAN

SHEET NUMBER: AD-4

CONTRACT: 2023.10

PLAN NORTH

LOCATION OF TEMPORARY EZ-PASS RETAIL CENTER

INSTALL NEW CARPET TILE AT CONNECT-TRAC & (SEE ELECTRICAL)

SEE MECHANICAL & ELECTRICAL DRAWINGS FOR WORK IN THIS AREA. SEE SHEET A-16 FOR PATCHING & REPAIR DETAILS

GENERAL NOTES

1. PATCH AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK IS DESIGNATED WHEREBY EXISTING CONSTRUCTION AND/OR FINISHES MAY BE AFFECTED. PATCHING SHALL MATCH EXISTING CONSTRUCTION/FINISH SYSTEM U.N.O. PAINTING OF PATCHED AREA SHALL EXTEND FROM FLOOR TO CEILING; CORNER TO CORNER OF WALL AREA, U.N.O. COLOR SHALL MATCH EXISTING.
2. REPLACE SUSPENDED ACOUSTICAL CEILING TILE AND SUSPENSION GRID COMPONENTS DAMAGED OR SOILED DURING CONSTRUCTION OPERATIONS. MATCH EXISTING.
3. PROTECT EXISTING FLOORING FINISHES DURING CONSTRUCTION OPERATIONS.
4. REPAINT EXISTING ELEVATOR OPENING PAINTED FRAMES.
5. REPAIR WALL TILE ARE AT NEW URINAL AS REQUIRED FOR UNIFORM APPEARANCE w/ ADJACENT SURFACES.
6. SEE DETAIL 8-A13 FOR VCT JOINT CONDITIONS.

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by: Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
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Drawn	MGK	02/26/24	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

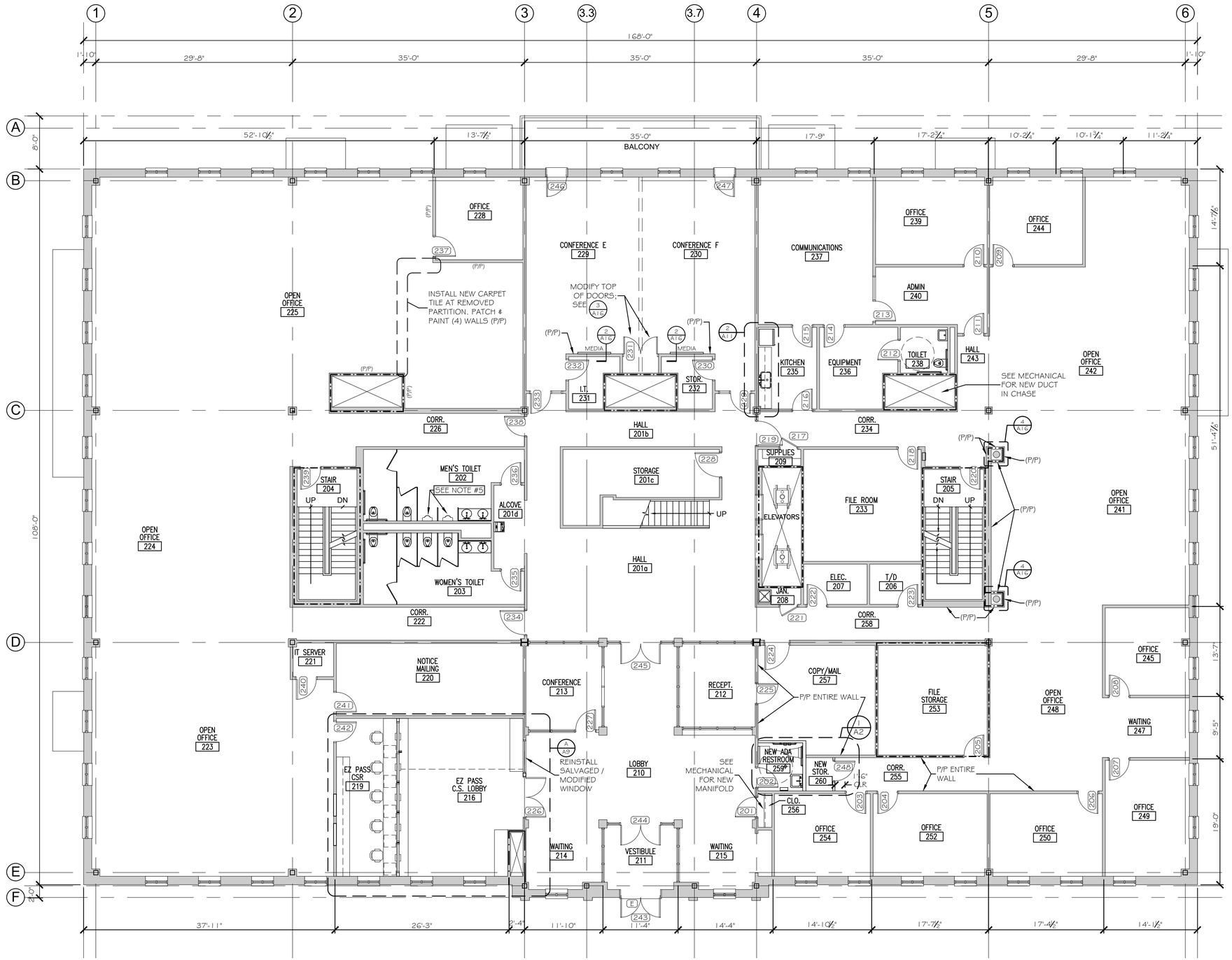
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT PROPOSED FIRST FLOOR PLAN

SHEET NUMBER: A-1

CONTRACT: 2023.10

PLAN NORTH



GENERAL NOTES

1. PATCH AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK IS DESIGNATED WHEREBY EXISTING CONSTRUCTION AND/OR FINISHES MAY BE AFFECTED. PATCHING SHALL MATCH EXISTING CONSTRUCTION/FINISH SYSTEM U.N.O. PAINTING OF PATCHED AREA SHALL EXTEND FROM FLOOR TO CEILING; CORNER TO CORNER OF WALL AREA, U.N.O. COLOR SHALL MATCH EXISTING.
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5. REPAIR WALL TILE ARE AT NEW URINAL AS REQUIRED FOR UNIFORM APPEARANCE w/ ADJACENT SURFACES.
6. SEE DETAIL 8-A13 FOR VCT JOINT CONDITIONS.

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

REGISTERED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
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Drawn	MGK	02/26/24	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

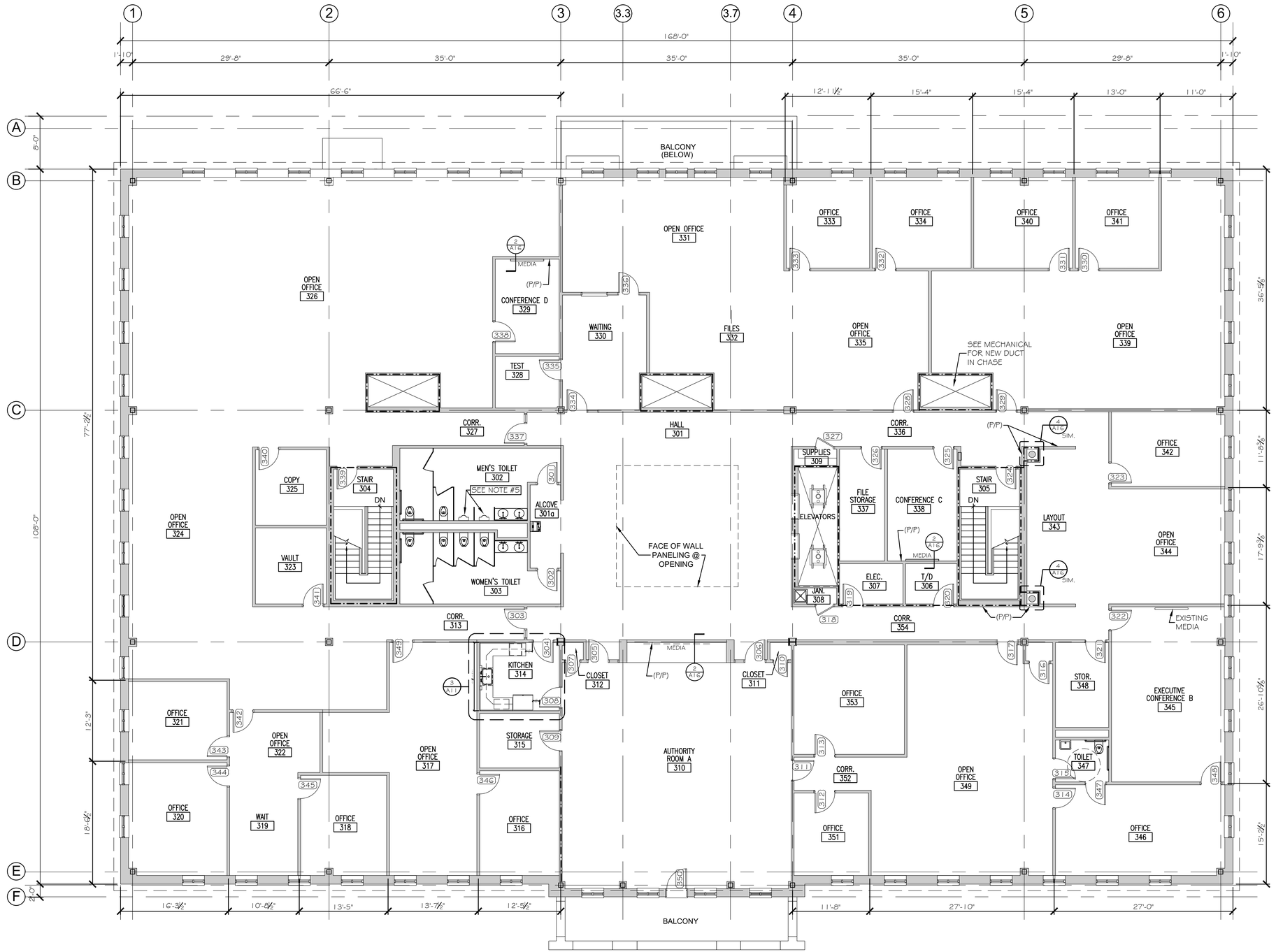
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT PROPOSED SECOND FLOOR PLAN

SHEET NUMBER: A-2

CONTRACT: 2023.10

PLAN NORTH



GENERAL NOTES

1. PATCH AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK IS DESIGNATED WHEREBY EXISTING CONSTRUCTION AND/OR FINISHES MAY BE AFFECTED. PATCHING SHALL MATCH EXISTING CONSTRUCTION/FINISH SYSTEM U.N.O. PAINTING OF PATCHED AREA SHALL EXTEND FROM FLOOR TO CEILING; CORNER TO CORNER OF WALL AREA, U.N.O. COLOR SHALL MATCH EXISTING.
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5. REPAIR WALL TILE ARE AT NEW URINAL AS REQUIRED FOR UNIFORM APPEARANCE w/ ADJACENT SURFACES.
6. SEE DETAIL 8-A13 FOR VCT JOINT CONDITIONS.

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by: Michael F. Hays, RA

REGISTERED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB					
	By	Date		By	Date
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Drawn	MGK	02/26/24	In Charge of		

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MAINE TURNPIKE

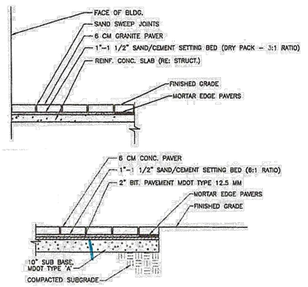
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT PROPOSED THIRD FLOOR PLAN

SHEET NUMBER: A-3

CONTRACT: 2023.10



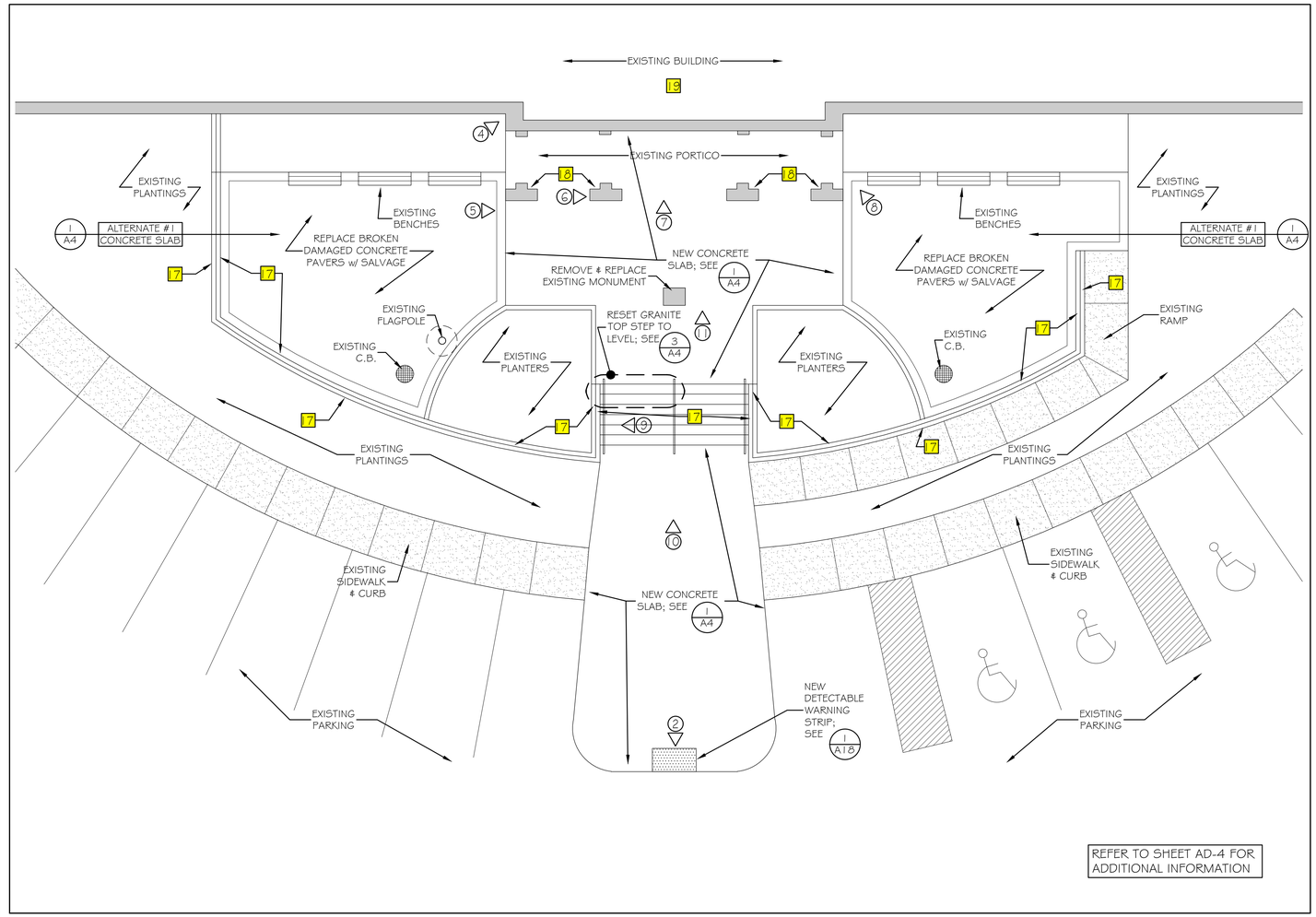
① EXISTING PAVER DETAIL - FOR REFERENCE ONLY

② EXISTING DETECTABLE WARNING STRIP - FOR REFERENCE ONLY

③ RESET EXISTING GRANITE STEP/PAVERS

④ EXISTING BUILDING FACADE

⑤ EXISTING BUILDING FACADE



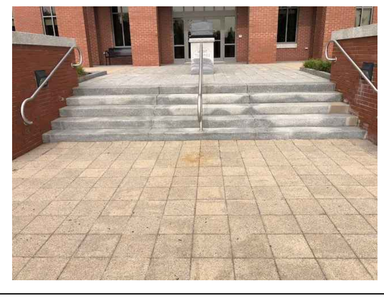
Ⓐ EXTERIOR PATIO PROPOSED PLAN — 1/8" = 1'-0"

⑥ EXISTING BUILDING PIER FACADE

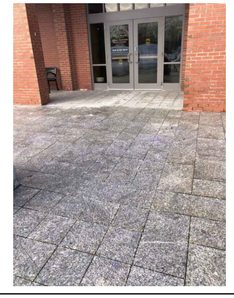
⑦ EXISTING BUILDING FACADE

⑧ EXISTING BUILDING FACADE

⑨ EXISTING STAIR MASONRY WALL



⑩ EXISTING GRANITE STEPS



⑪ EXISTING GRANITE PAVERS

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

Michael F. Hays

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

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MAINE TURNPIKE

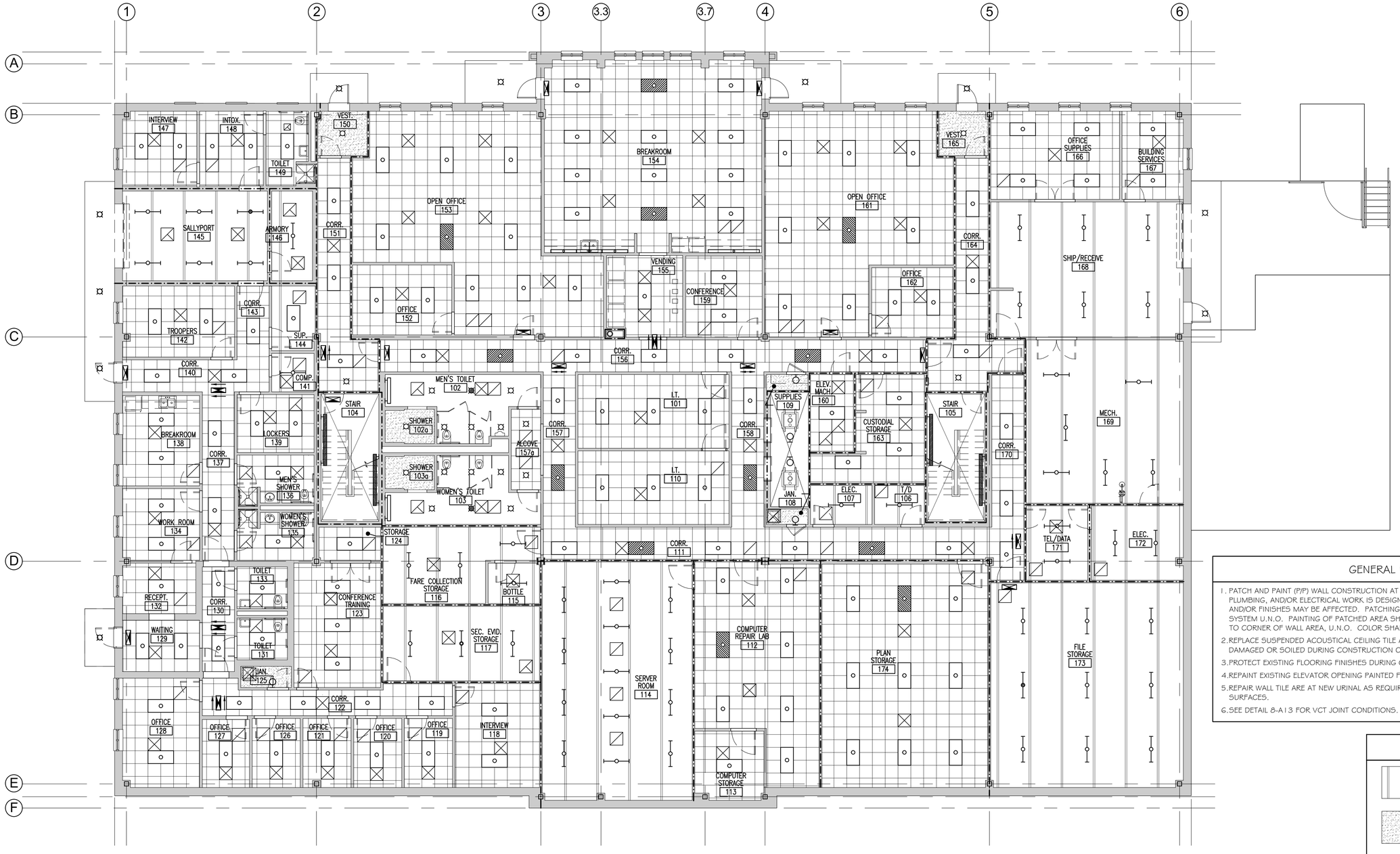
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT EXTERIOR PATIO PLAN

SHEET NUMBER: A-4

CONTRACT: 2023.10



PLAN NORTH

GENERAL NOTES

1. PATCH AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK IS DESIGNATED WHEREBY EXISTING CONSTRUCTION AND/OR FINISHES MAY BE AFFECTED. PATCHING SHALL MATCH EXISTING CONSTRUCTION/FINISH SYSTEM U.N.O. PAINTING OF PATCHED AREA SHALL EXTEND FROM FLOOR TO CEILING; CORNER TO CORNER OF WALL AREA, U.N.O. COLOR SHALL MATCH EXISTING.
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3. PROTECT EXISTING FLOORING FINISHES DURING CONSTRUCTION OPERATIONS.
4. REPAINT EXISTING ELEVATOR OPENING PAINTED FRAMES.
5. REPAIR WALL TILE ARE AT NEW URINAL AS REQUIRED FOR UNIFORM APPEARANCE w/ ADJACENT SURFACES.
6. SEE DETAIL 8-A13 FOR VCT JOINT CONDITIONS.

LEGEND

- EXISTING EXPOSED STRUCTURE (U.N.O.)
- EXISTING PAINTED GYPSUM BOARD (U.N.O.)
- EXISTING 2x2 SUSPENDED ACOUSTICAL CEILING TILE (U.N.O.)

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

REGISTERED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

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MAINE TURNPIKE

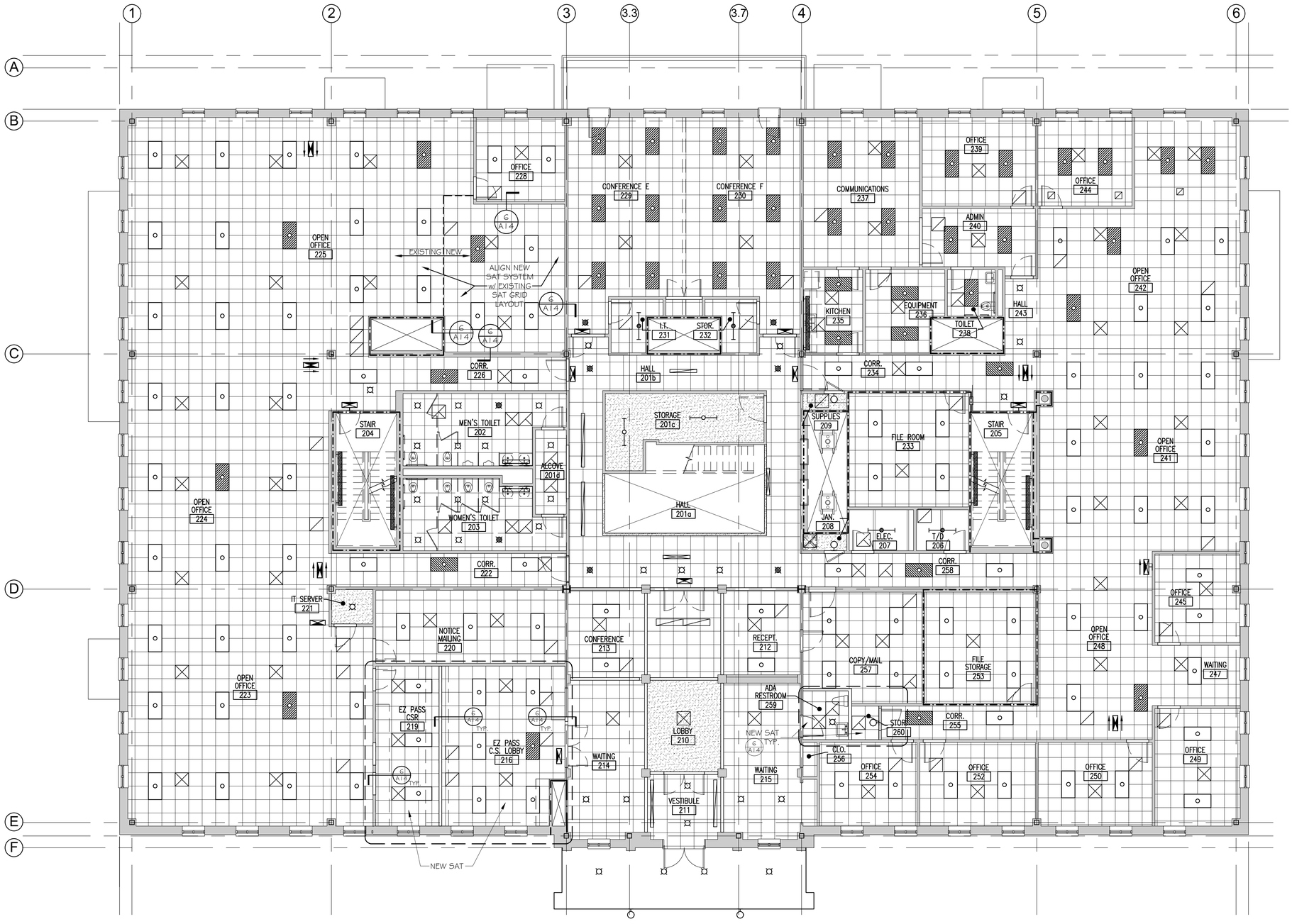
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT FIRST FLOOR REFLECTED CEILING PLAN

SHEET NUMBER: A-5

CONTRACT: 2023.10



PLAN NORTH

GENERAL NOTES

1. PATCH AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK IS DESIGNATED WHEREBY EXISTING CONSTRUCTION AND/OR FINISHES MAY BE AFFECTED. PATCHING SHALL MATCH EXISTING CONSTRUCTION/FINISH SYSTEM U.N.O. PAINTING OF PATCHED AREA SHALL EXTEND FROM FLOOR TO CEILING; CORNER TO CORNER OF WALL AREA, U.N.O. COLOR SHALL MATCH EXISTING.
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6. SEE DETAIL 8-A13 FOR VCT JOINT CONDITIONS.

LEGEND

- EXISTING EXPOSED STRUCTURE (U.N.O.)
- EXISTING PAINTED GYPSUM BOARD (U.N.O.)
- EXISTING 2x2 SUSPENDED ACOUSTICAL CEILING TILE (U.N.O.)

Scale: 1/8"=1'-0"

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
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MAINE TURNPIKE

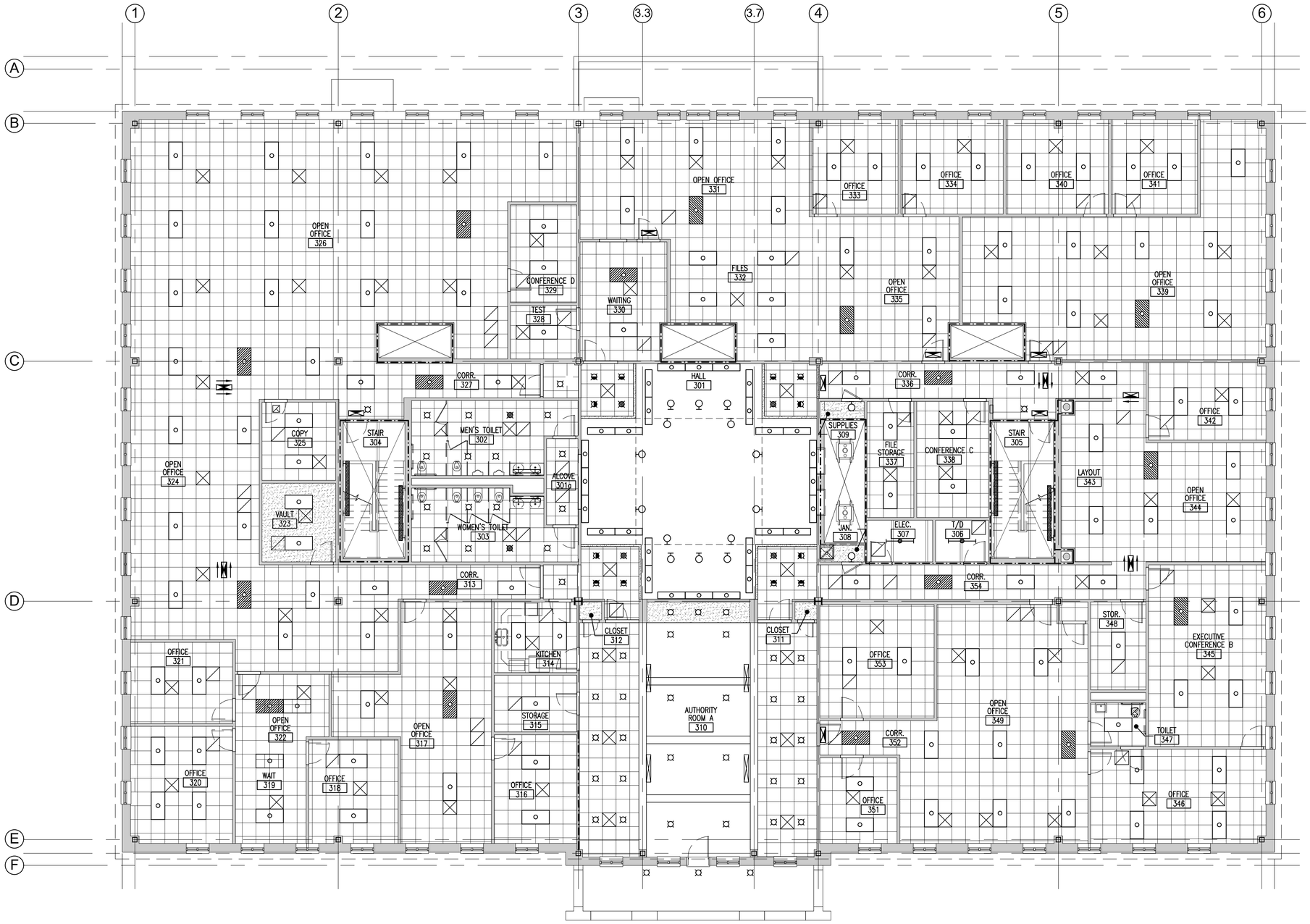
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT SECOND FLOOR REFLECTED CEILING PLAN

SHEET NUMBER: A-6

CONTRACT: 2023.10



PLAN NORTH

GENERAL NOTES

1. PATCH AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK IS DESIGNATED WHEREBY EXISTING CONSTRUCTION AND/OR FINISHES MAY BE AFFECTED. PATCHING SHALL MATCH EXISTING CONSTRUCTION/FINISH SYSTEM U.N.O. PAINTING OF PATCHED AREA SHALL EXTEND FROM FLOOR TO CEILING; CORNER TO CORNER OF WALL AREA, U.N.O. COLOR SHALL MATCH EXISTING.
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LEGEND

- EXISTING EXPOSED STRUCTURE (U.N.O.)
- EXISTING PAINTED GYPSUM BOARD (U.N.O.)
- EXISTING 2x2 SUSPENDED ACOUSTICAL CEILING TILE (U.N.O.)

Scale: 1/8"=1'-0"

Designed by: Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

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MAINE TURNPIKE

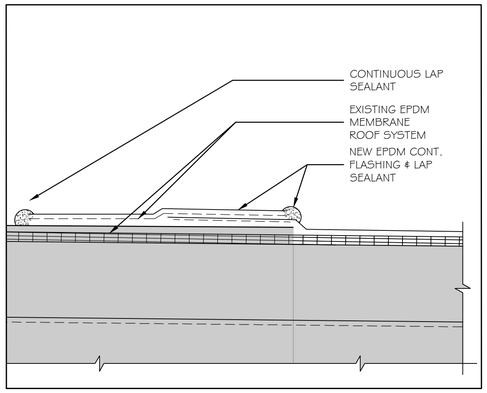
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

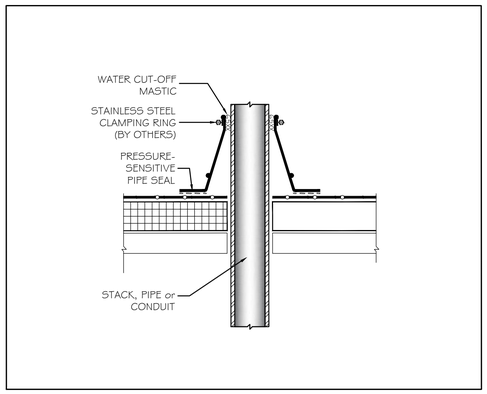
MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT THIRD FLOOR REFLECTED CEILING PLAN

SHEET NUMBER: A-7

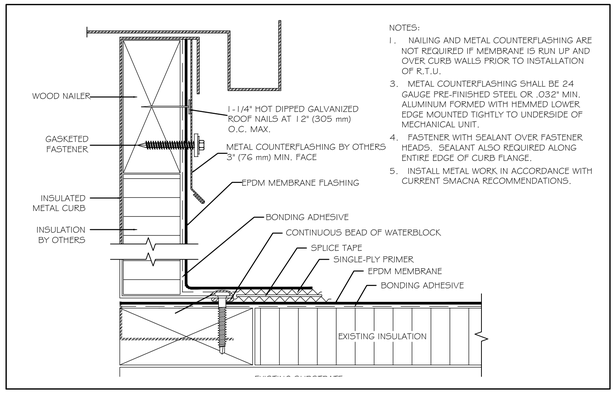
CONTRACT: 2023.10



① EPDM TRANSITION DETAIL 3"= 1'-0"

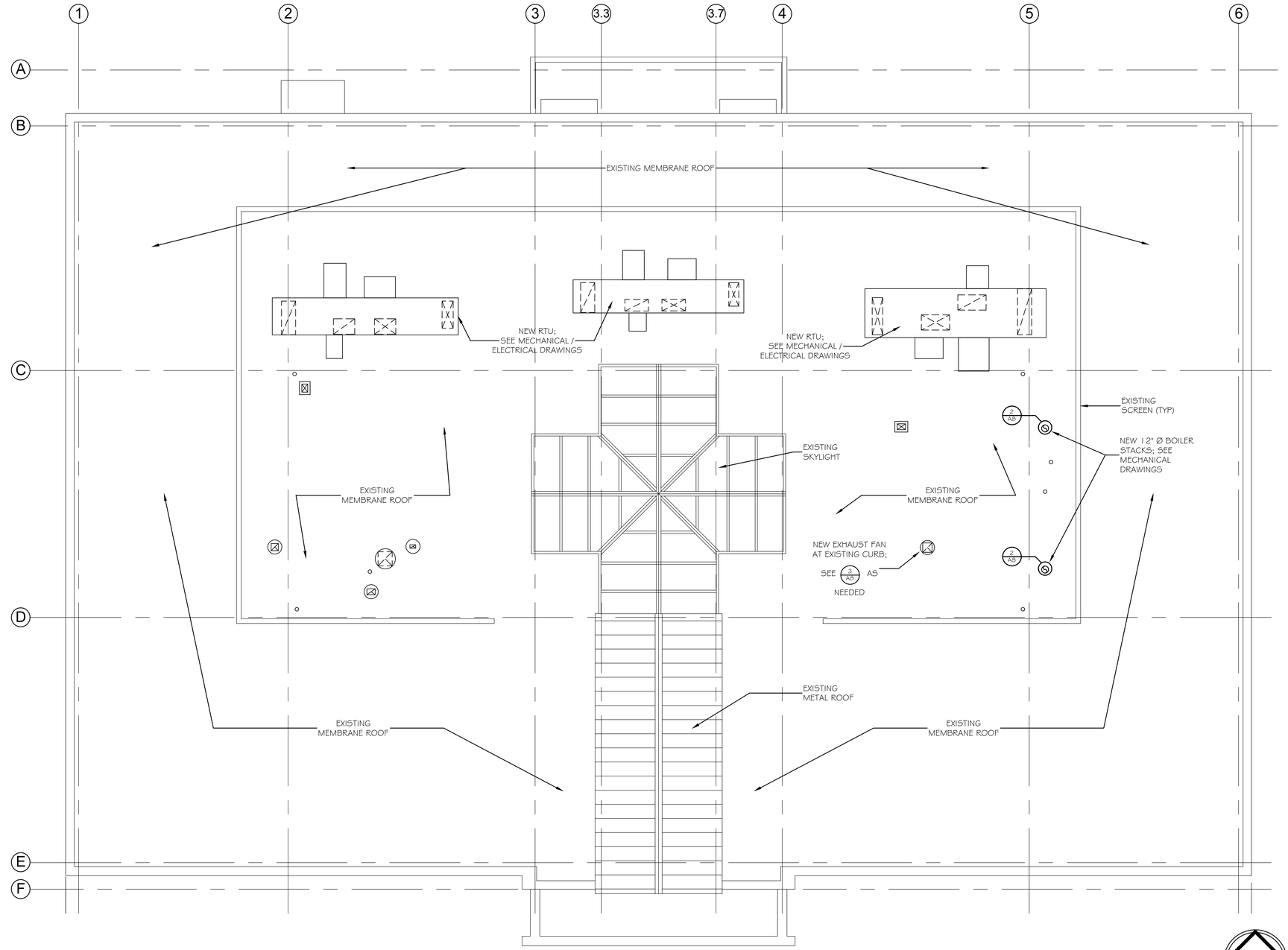


② PENETRATION SEAL 3"= 1'-0"



NOTES:
1. NAILING AND METAL COUNTERFLASHING ARE NOT REQUIRED IF MEMBRANE IS RUN UP AND OVER CURB WALLS PRIOR TO INSTALLATION OF R.T.U.
3. METAL COUNTERFLASHING SHALL BE 24 GAUGE PRE-FINISHED STEEL OR .032" MIN. ALUMINUM FORMED WITH HEMMED LOWER EDGE MOUNTED TIGHTLY TO UNDERSIDE OF MECHANICAL UNIT.
4. FASTENER WITH SEALANT OVER FASTENER HEADS. SEALANT ALSO REQUIRED ALONG ENTIRE EDGE OF CURB FLANGE.
5. INSTALL METAL WORK IN ACCORDANCE WITH CURRENT SMACNA RECOMMENDATIONS.

③ CURB DETAIL N.T.S.



PROPOSED ROOF PLAN

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

PLAN NORTH

Scale: AS NOTED

Designed by: Michael F. Hays, RA

MICHAEL F. HAYS No. 1724 REGISTERED ARCHITECT STATE OF MAINE

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

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MAINE TURNPIKE

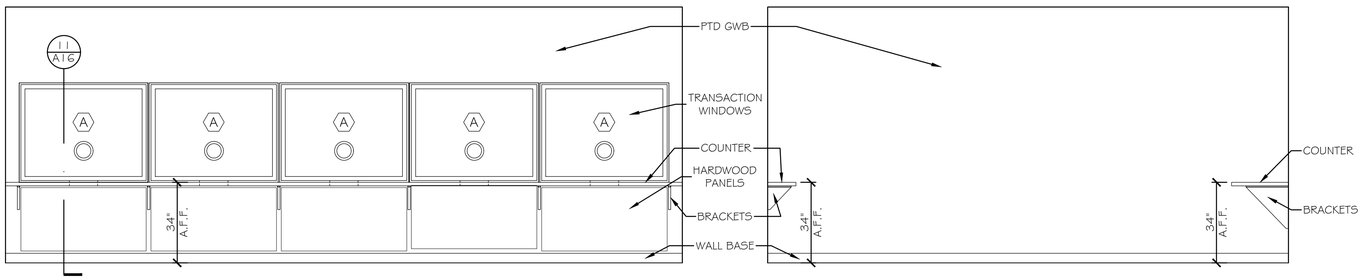
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT PROPOSED ROOF PLAN

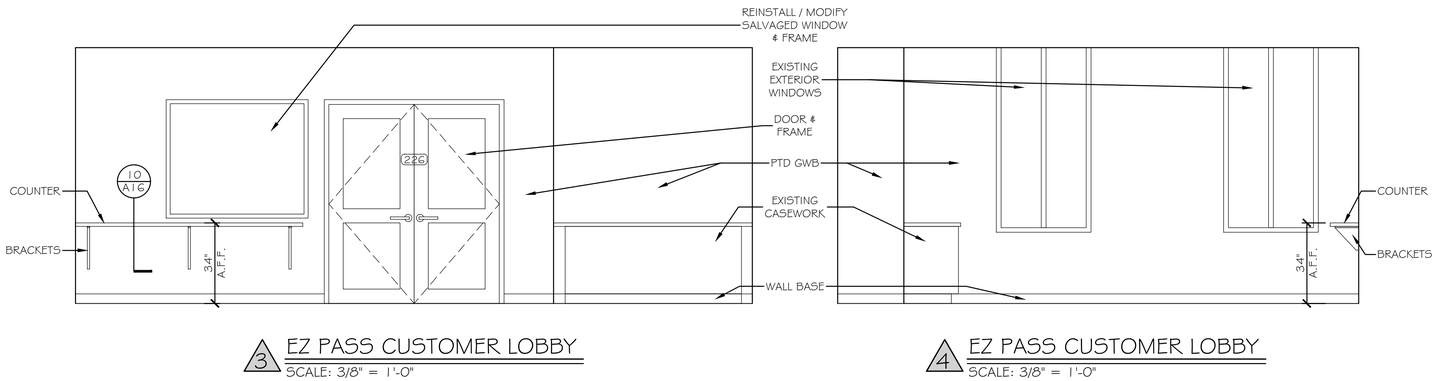
SHEET NUMBER: A-8

CONTRACT: 2023.10



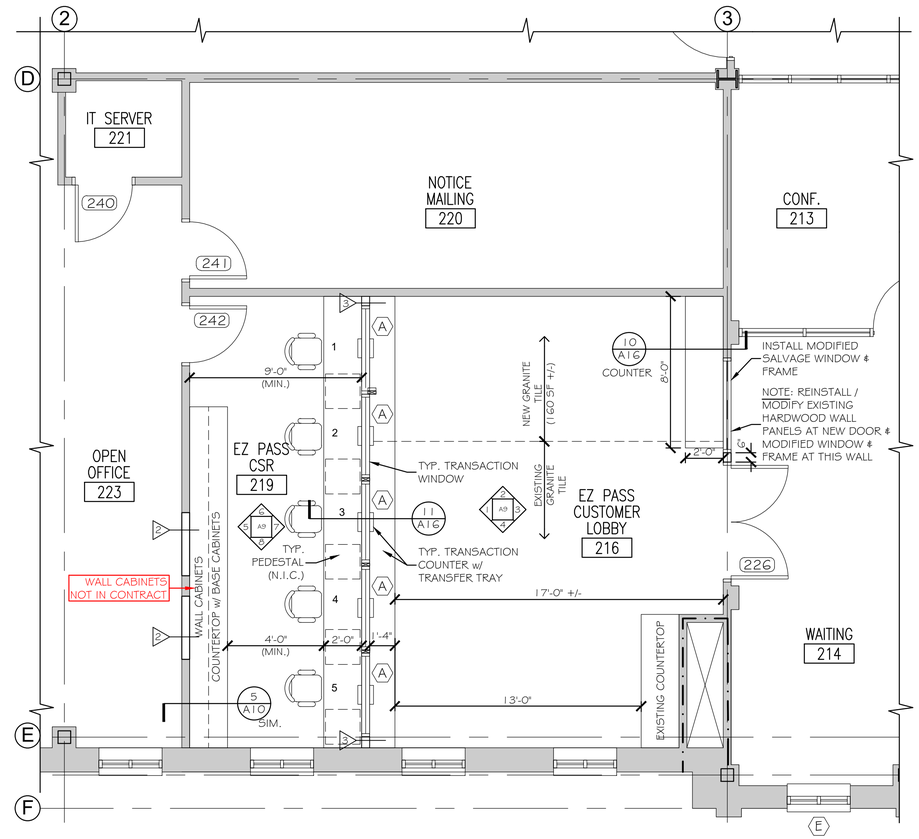
1 EZ PASS CUSTOMER LOBBY
SCALE: 3/8" = 1'-0"

2 EZ PASS CUSTOMER LOBBY
SCALE: 3/8" = 1'-0"



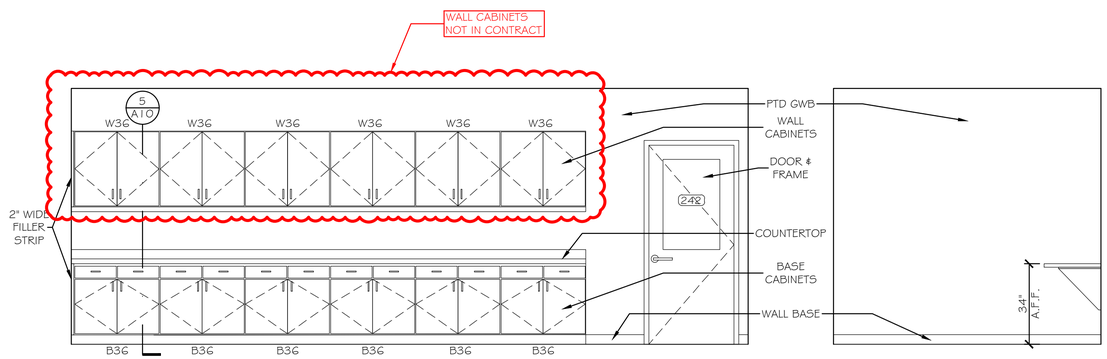
3 EZ PASS CUSTOMER LOBBY
SCALE: 3/8" = 1'-0"

4 EZ PASS CUSTOMER LOBBY
SCALE: 3/8" = 1'-0"



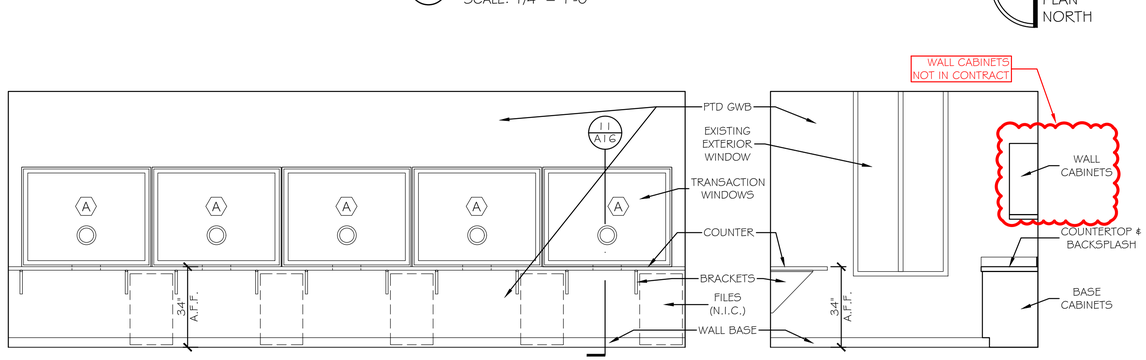
A EZ PASS PROPOSED CUSTOMER SERVICE AREA
SCALE: 1/4" = 1'-0"

PLAN NORTH



5 EZ PASS CSR
SCALE: 3/8" = 1'-0"

6 EZ PASS CSR
SCALE: 3/8" = 1'-0"



7 EZ PASS CSR
SCALE: 3/8" = 1'-0"

8 EZ PASS CSR
SCALE: 3/8" = 1'-0"

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
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MAINE TURNPIKE

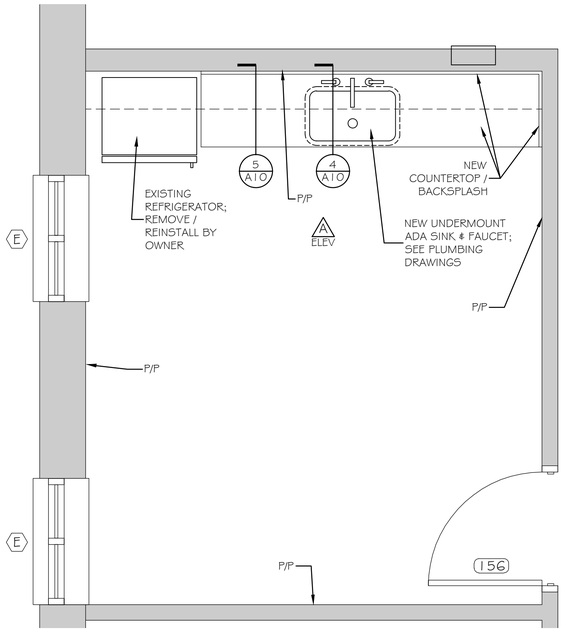
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT
EZ PASS PLAN & ELEVATIONS

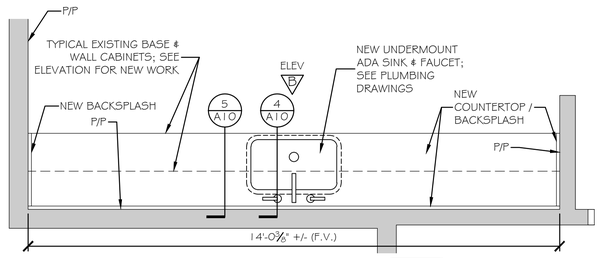
SHEET NUMBER: A-9

CONTRACT: 2023.10



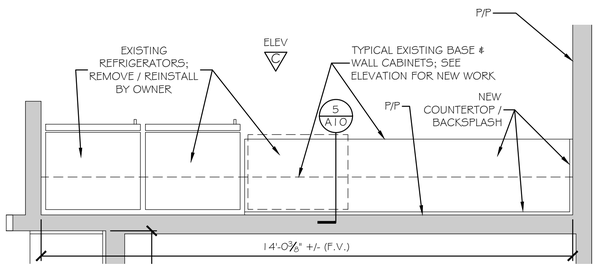
1 FIRST FLOOR BREAKROOM 138

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



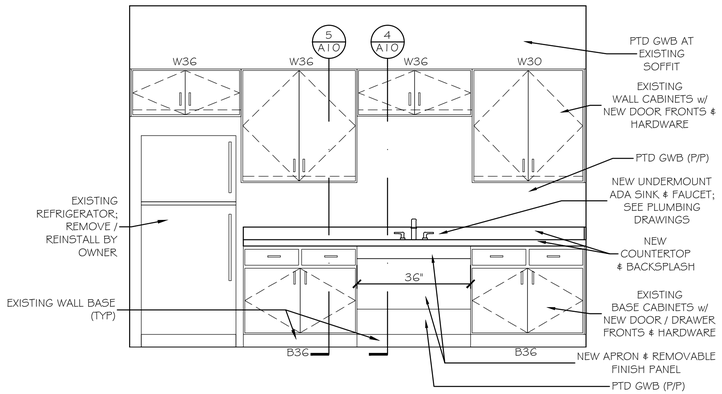
2 FIRST FLOOR BREAKROOM 154 RIGHT

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



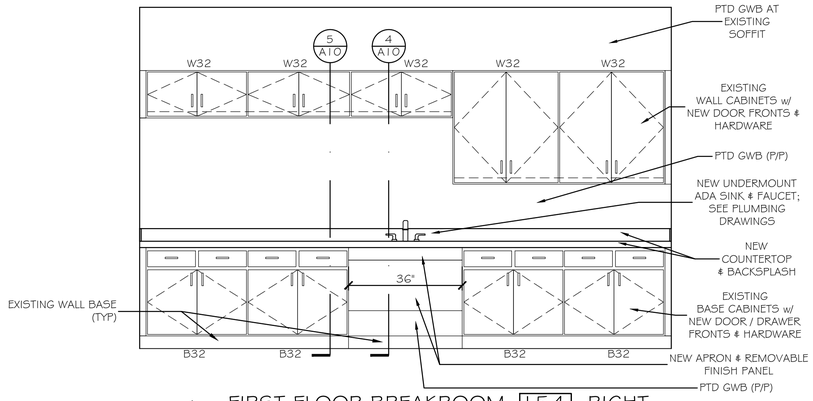
3 FIRST FLOOR BREAKROOM 154 LEFT

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



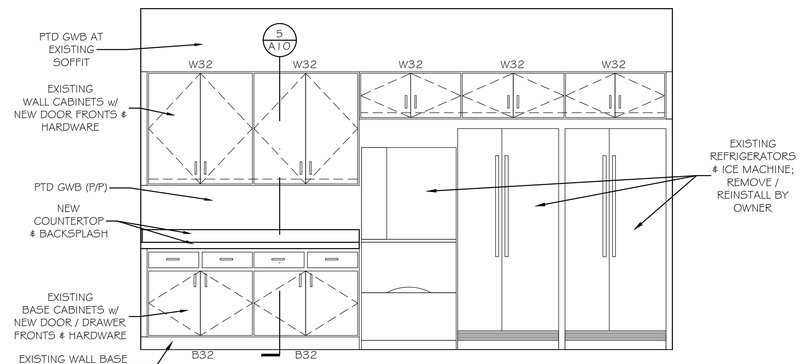
A FIRST FLOOR BREAKROOM 138

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



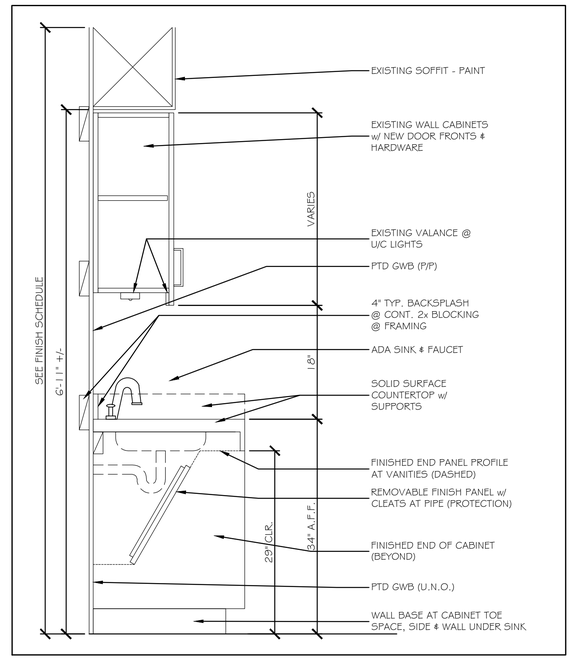
B FIRST FLOOR BREAKROOM 154 RIGHT

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

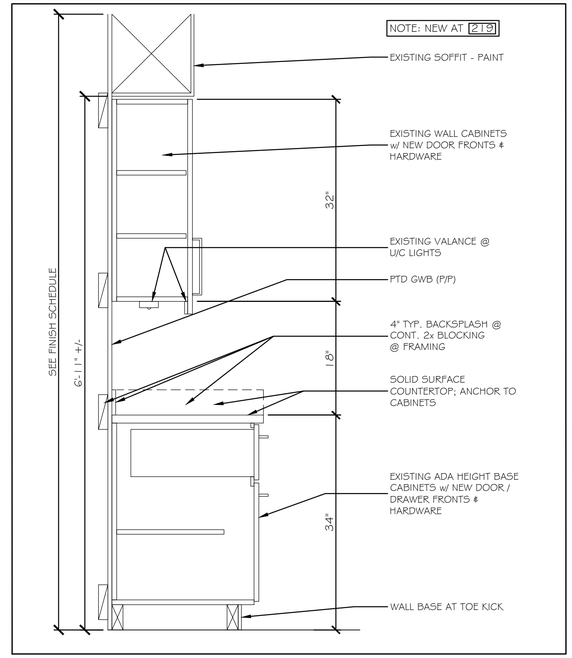


C FIRST FLOOR BREAKROOM 154 LEFT

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



4 TYPICAL ADA SINK 1" = 1'-0"



5 TYPICAL ADA CABINET 1" = 1'-0"

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

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
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MAINE TURNPIKE

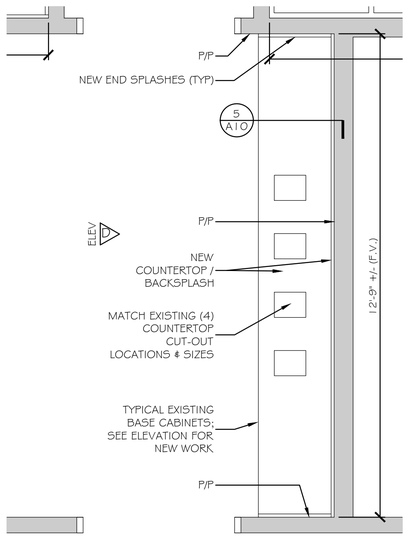
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT BREAKROOM CASEWORK

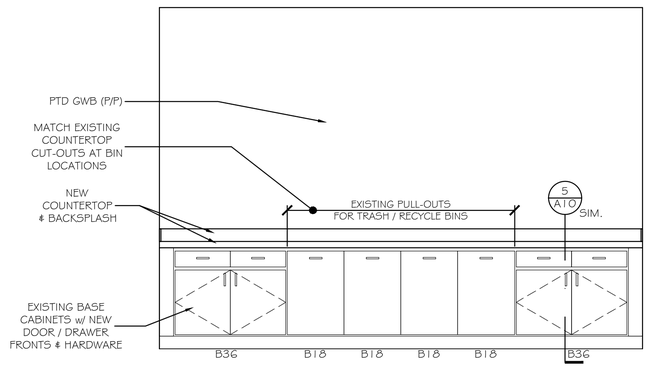
SHEET NUMBER: A-10

CONTRACT: 2023.10



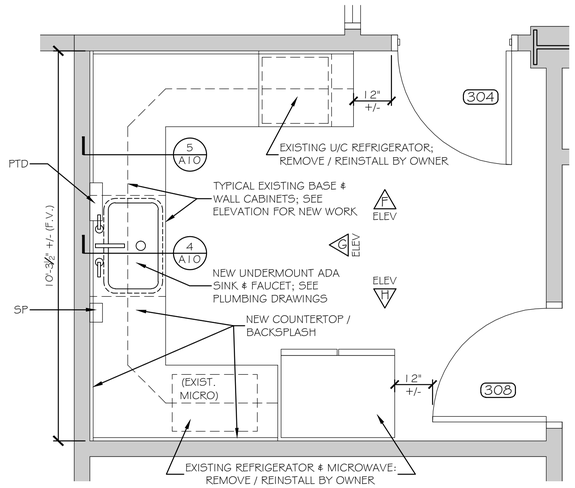
1 FIRST FLOOR VENDING 155

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



D FIRST FLOOR VENDING 155

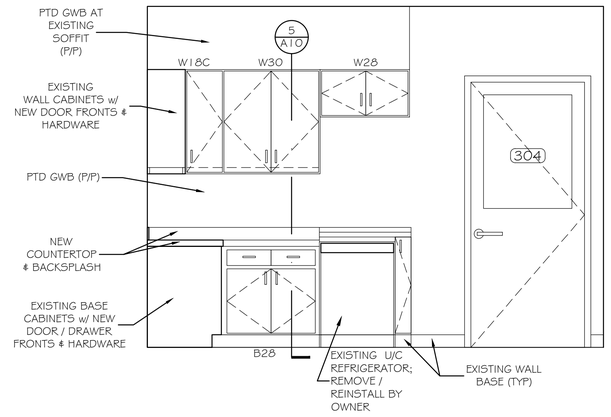
SCALE: 1/2" = 1'-0"



3 THIRD FLOOR KITCHEN 314

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

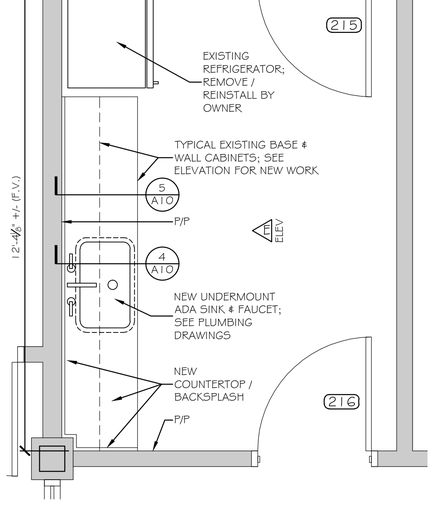
NOTE: SEE FINISH SCHEDULE FOR NEW PAINT AT ALL EXISTING WALLS



F THIRD FLOOR KITCHEN 314

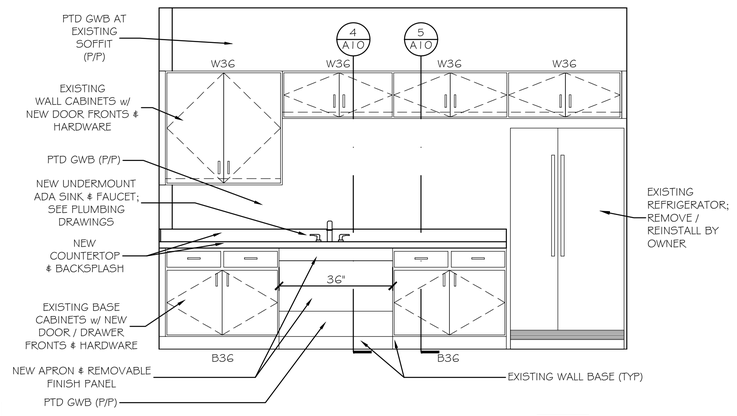
SCALE: 1/2" = 1'-0"

NOTE: SEE FINISH SCHEDULE FOR NEW PAINT AT ALL EXISTING WALLS



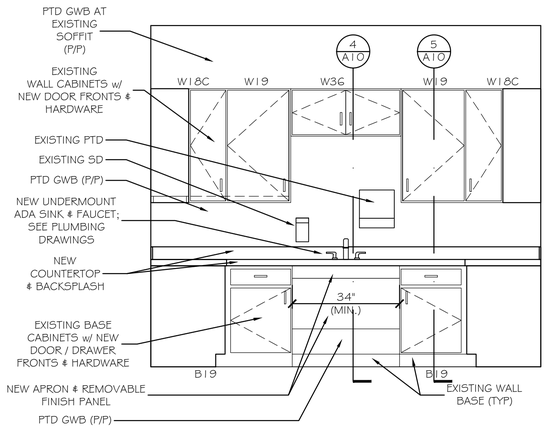
2 SECOND FLOOR KITCHEN 235

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



E SECOND FLOOR KITCHEN 235

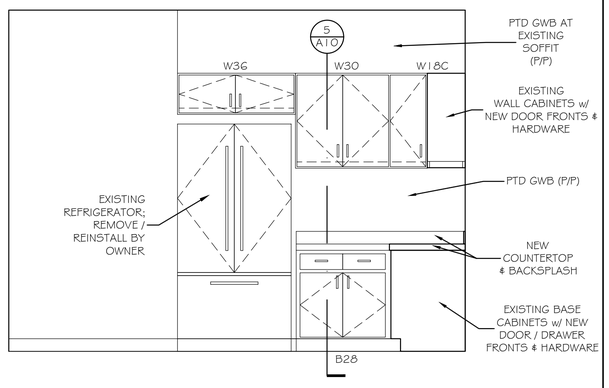
SCALE: 1/2" = 1'-0"



G THIRD FLOOR KITCHEN 314

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

NOTE: SEE FINISH SCHEDULE FOR NEW PAINT AT ALL EXISTING WALLS



H THIRD FLOOR KITCHEN 314

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

NOTE: SEE FINISH SCHEDULE FOR NEW PAINT AT ALL EXISTING WALLS

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

No.	Revision	By	Date

Designed by:

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MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT VENDING & KITCHENS CASEWORK

SHEET NUMBER: A-11

CONTRACT: 2023.10

FIRST FLOOR DOOR SCHEDULE

ABBREVIATIONS

ALUM	ALUMINUM	HM	HOLLOW METAL	T	TEMPERED
DW	DRYWALL	INSUL	INSULATED	T-BREAK	THERMAL BREAK
ES	EDGE STRIP	MAS	MASONRY	TH	THERMAL INSULATED
EMHO	ELECTRO MAGNETIC HOLD OPENER	MFGR	MANUFACTURER	TS	TRANSITION STRIP
		OCD	OVERHEAD COILING DOOR	V	VINYL
GL	GLASS	OHD	OVERHEAD DOOR	WD	WOOD
				W/	WITH

DOORS										FRAMES					THRESHOLDS		
							GLASS						DETAILS			DETAILS	
NO.	TYPE	SIZE (w x h)	THK	INSUL	HDWE	FR	TYPE	SIZE	REMARKS	TYPE	FR	PROFILE	HEAD	JAMB	MATERIAL	SILL	FIN
101	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
102	E	—	—	—	HW-4	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
103	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
104	E	—	—	—	HW-4	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
105	E	—	—	—	HW-5	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
106	E	—	—	—	HW-5	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
107	E	—	—	—	—	—	—	—	—	E	—	—	—	—	E	—	—
108	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
109	E	—	—	—	—	—	—	—	—	E	—	—	—	—	E	—	—
110	E	—	—	—	—	—	—	—	—	E	—	—	—	—	E	—	—
111	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
112	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
113	E	—	—	—	HW-6	—	—	—	NOTE 3	E	—	—	—	—	E	—	—
114	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
115	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
116	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
117	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
118	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
119	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
120	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
121	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
122	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
123	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
124	E	—	—	—	HW-6	—	—	—	NOTE 3	E	—	—	—	—	E	—	—
125	E	—	—	—	—	—	—	—	—	E	—	—	—	—	E	—	—
126	E	—	—	—	—	—	—	—	—	E	—	—	—	—	E	—	—
127	E	—	—	—	—	—	—	—	NOTE 2 & 8	E	—	—	—	—	E	—	—
128	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
129	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
130	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
131	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
132	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
133	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
134	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
135	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
136	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
137	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
138	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
139	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
140	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
141	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
142	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
143	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
144	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
145	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
146	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
147	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
148	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
149	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
150	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
151	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
152	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
153	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
154	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
155	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
156	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
157	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
158	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
159	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
160	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
161	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
162	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
163	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
164	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
165	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
166	E	—	—	—	—	—	—	—	NOTE 1	E	—	—	—	—	E	—	—
167	E	—	—	—	HW-1	—	—	—	NOTE 4 & 5	E	—	—	—	—	E	—	—
168	E	—	—	—	HW-1	—	—	—	NOTE 4 & 5	E	—	—	—	—	E	—	—
169	E	—	—	—	HW-2	—	—	—	NOTE 4 & 5	E	—	—	—	—	E	—	—
170	E	—	—	—	HW-2	—	—	—	NOTE 4 & 5	E	—	—	—	—	E	—	—
171	E	—	—	—	HW-2	—	—	—	NOTE 4 & 5	E	—	—	—	—	E	—	—
172	E	—	—	—	HW-2	—	—	—	NOTE 4 & 5	E	—	—	—	—	E	—	—
173	E	—	—	—	HW-3	—	—	—	NOTE 1	E	—	—	—	—	E	—	—

SECOND FLOOR DOOR SCHEDULE

ABBREVIATIONS

ALUM	ALUMINUM	HM	HOLLOW METAL	T	TEMPERED
DW	DRYWALL	INSUL	INSULATED	T-BREAK	THERMAL BREAK
ES	EDGE STRIP	MAS	MASONRY	TH	THERMAL INSULATED
EMHO	ELECTRO MAGNETIC HOLD OPENER	MFGR	MANUFACTURER	TS	TRANSITION STRIP
		OCD	OVERHEAD COILING DOOR	V	VINYL
GL	GLASS	OHD	OVERHEAD DOOR	WD	WOOD
				W/	WITH

DOORS										FRAMES					THRESHOLDS		
							GLASS						DETAILS			DETAILS	
NO.	TYPE	SIZE (w x h)	THK	INSUL	HDWE	FR	TYPE	SIZE	REMARKS	TYPE	FR	PROFILE	HEAD	JAMB	MATERIAL	SILL	FIN
201	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
202	E	—	—	—	HW-7	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
203	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
204	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
205	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
206	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
207	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
208	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
209	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
210	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
211	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
212	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
213	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
214	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
215	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
216	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
217	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
218	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
219	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
220	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
221	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
222	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
223	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
224	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
225	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
226	B	6070 PR	1 ¾"	—	HW-8	—	T	FULL		A	—	DW	1-A13	2-A13	NONE	—	3-A13
227	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
228	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
229	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
230	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
231	E*	—	—	—	—	—	—	—	*SEE DETAIL 3 / A-16	E*	—	—	—	—	E	—	—
232	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
233	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
234	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
235	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
236	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
237	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
238	A	3070	1 ¾"	—	HW-9	—	T	FULL	NOTE 6	E	—	—	—	—	E	—	—
239	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
240	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
241	E	—	—	—	HW-3	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
242	E	—	—	—	HW-1	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
243	E	—	—	—	—	—	—	—	NOTE 5	E	—	—	—	—	E	—	—
244	E	—	—	—	—	—	—	—	NOTE 5	E	—	—	—	—	E	—	—
245	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
246	E	—	—	—	—	—	—	—	NOTE 5	E	—	—	—	—	E	—	—
247	E	—	—	—	—	—	—	—	NOTE 5	E	—	—	—	—	E	—	—
248	C	3070	1 ¾"	—	HW-10	—	—	—		B	—	DW	1-A13	2-A13	NONE	—	3-A13

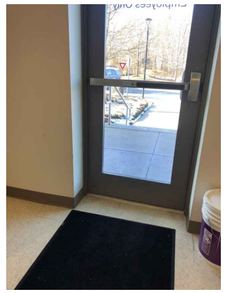
DOOR SCHEDULE NOTES

GENERAL: REFER TO SPECIFICATION SECTION 087100 - DOOR HARDWARE FOR HW-# WORK.

1. H.M. DOOR & FRAME: PREP & PAINT EXISTING HOLLOW METAL DOOR & FRAME.
2. H.M. FRAME & S.C. WOOD DOOR: PREP & PAINT EXISTING H.M. FRAME.
3. H.M. FRAME & METAL / S.C. WOOD DOOR: MODIFY EXISTING HOLLOW METAL FRAME FOR NEW OVERSIZED STRIKE PLATE TO MATCH THROW OF EXISTING LATCH. PREP & PAINT H.M. FRAME. PREP & PAINT H.M. DOOR. SEE PHOTO (1)
4. ALUMINUM DOOR & FRAME: PATCH & PAINT SHEETROCK RETURNS AT JAMBS; RE-ANCHOR / REPLACE WALL BASE AS REQUIRED. INSTALL NEW CORNER PROTECTION TO 48" A.F.F. SEE PHOTO (2)
5. ALUMINUM DOOR & FRAME: REMOVE MARKS AT DOOR & FRAME. SEE PHOTO (3)
6. H.M. FRAME & S.C. WOOD DOOR: PREP & PAINT EXISTING HOLLOW METAL FRAME. INSTALL NEW S.C. WOOD DOOR. RE-INSTALL SALVAGED HW.
7. H.M. FRAME & S.C. WOOD DOOR: PREP & PAINT EXISTING HOLLOW METAL FRAME. RE-SEAL & FINISH COATS AT CUT EDGE OF S.C. WOOD DOOR, HINGE SIDE. SEE PHOTO (4)
8. H.M. FRAME & S.C. WOOD DOOR: PREP & PAINT HOLLOW METAL FRAME. REMOVE STICKY RESIDUE & CLEAN ENTIRE S.C. WOOD DOOR.
9. H.M. FRAME & S.C. WOOD DOOR: PREP & PAINT HOLLOW METAL FRAME. REMOVE MARKS AT SURFACE OF S.C. WOOD DOOR.

(1) PHOTO @ NOTE #3

(2) PHOTO @ NOTE #4



(3) PHOTO @ NOTE #5

(4) PHOTO @ NOTE #7

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

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ARCHITECTURE & INTERIOR DESIGN
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
DOORS

SHEET NUMBER: A-12

CONTRACT: 2023.10

THIRD FLOOR DOOR SCHEDULE

ABBREVIATIONS

ALUM	ALUMINUM	HM	HOLLOW METAL	T	TEMPERED
DW	DRYWALL	INSUL	INSULATED	T-BREAK	THERMAL BREAK
ES	EDGE STRIP	MAS	MASONRY	TH	THERMAL INSULATED
EMHO	ELECTRO MAGNETIC HOLD OPENER	MFGR	MANUFACTURER	TS	TRANSITION STRIP
		OCD	OVERHEAD COILING DOOR	V	VINYL
GL	GLASS	OHD	OVERHEAD DOOR	WD	WOOD
				W/	WITH

DOORS									FRAMES					THRESHOLDS		
							GLASS					DETAILS			DETAILS	
NO.	TYPE	SIZE (w x h)	THK	INSUL	HDWE	FR	TYPE	SIZE	REMARKS	TYPE	FR	PROFILE	HEAD	JAMB	MATERIAL	SILL	FIN
301	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
302	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
303	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
304	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
305	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
306	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
307	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
308	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
309	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
310	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
311	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
312	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
313	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
314	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
315	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
316	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
317	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
318	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
319	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
320	C	3070	1 ¾"	—	—	—	NONE	NONE	NOTE 6	E	—	—	—	—	E	—	—
321	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
322	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
323	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
324	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
325	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
326	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
327	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
328	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
329	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
330	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
331	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
332	E	—	—	—	—	—	—	—	NOTE 9	E	—	—	—	—	E	—	—
333	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
334	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
335	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
336	D	3070	1 ¾"	—	—	—	T	24x36	NOTE 6	E	—	—	—	—	E	—	—
337	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
338	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
339	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
340	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
341	E	—	—	—	—	—	—	—	NOTE 7	E	—	—	—	—	E	—	—
342	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
343	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
344	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
345	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
346	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
347	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
348	E	—	—	—	—	—	—	—	NOTE 2	E	—	—	—	—	E	—	—
349	D	3070	1 ¾"	—	—	—	T	24x36	NOTE 6	E	—	—	—	—	E	—	—
350	E	—	—	—	—	—	—	—	NOTE 5	E	—	—	—	—	E	—	—

DOOR SCHEDULE NOTES

GENERAL: REFER TO SPECIFICATION SECTION 087100 - DOOR HARDWARE FOR HW-# WORK.

1. H.M. DOOR & FRAME: PREP & PAINT EXISTING HOLLOW METAL DOOR & FRAME.
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3. H.M. FRAME & METAL / S.C. WOOD DOOR: MODIFY EXISTING HOLLOW METAL FRAME FOR NEW OVERSIZED STRIKE PLATE TO MATCH THROW OF EXISTING LATCH. PREP & PAINT H.M. FRAME. PREP & PAINT H.M. DOOR. SEE PHOTO (1)
4. ALUMINUM DOOR & FRAME: PATCH & PAINT SHEETROCK RETURNS AT JAMBS; RE-ANCHOR / REPLACE WALL BASE AS REQUIRED. INSTALL NEW CORNER PROTECTION TO 48" A.F.F. SEE PHOTO (2)
5. ALUMINUM DOOR & FRAME: REMOVE MARKS AT DOOR & FRAME. SEE PHOTO (3)
6. H.M. FRAME & S.C. WOOD DOOR: PREP & PAINT EXISTING HOLLOW METAL FRAME. INSTALL NEW S.C. WOOD DOOR. RE-INSTALL SALVAGED HW.
7. H.M. FRAME & S.C. WOOD DOOR: PREP & PAINT EXISTING HOLLOW METAL FRAME. RE-SEAL & FINISH COATS AT CUT EDGE OF S.C. WOOD DOOR, HINGE SIDE. SEE PHOTO (4)
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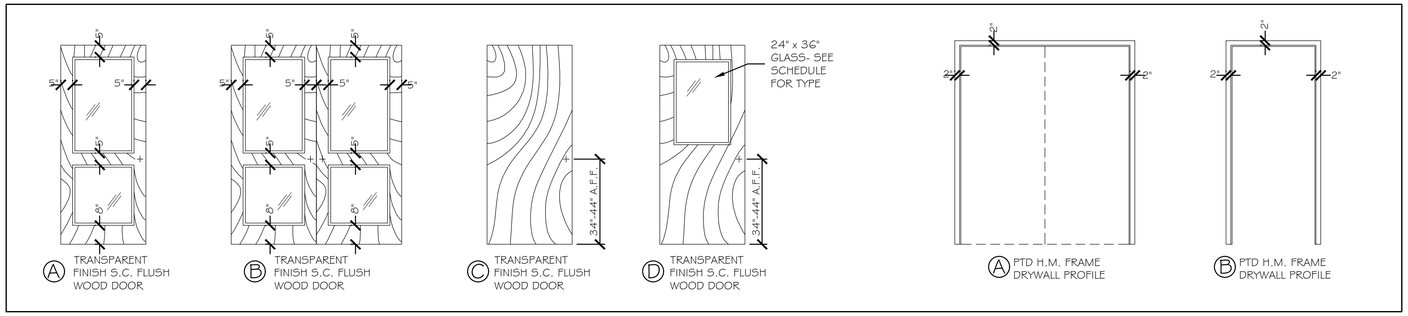
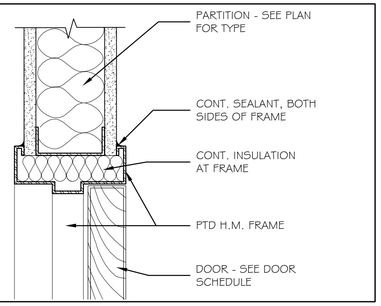
9. H.M. FRAME & S.C. WOOD DOOR: PREP & PAINT HOLLOW METAL FRAME. REMOVE MARKS AT SURFACE OF S.C. WOOD DOOR.

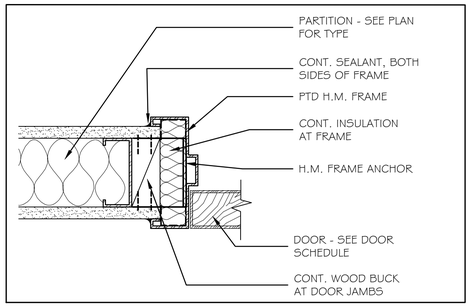


(A) TRANSPARENT FINISH S.C. FLUSH WOOD DOOR
(B) TRANSPARENT FINISH S.C. FLUSH WOOD DOOR
(C) TRANSPARENT FINISH S.C. FLUSH WOOD DOOR
(D) TRANSPARENT FINISH S.C. FLUSH WOOD DOOR
(A) PTD H.M. FRAME DRYWALL PROFILE
(B) PTD H.M. FRAME DRYWALL PROFILE

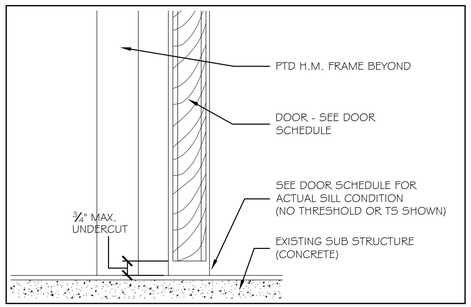
DOOR & FRAME TYPES — 3/8"= 1'-0"



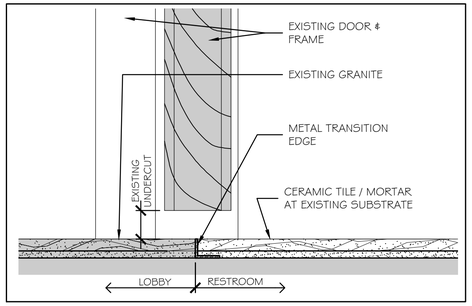
(1) HEAD AT INT. DOOR / H.M. FRAME 3"= 1'-0"



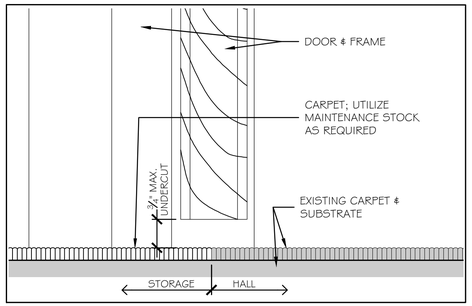
(2) JAMB AT INT. DOOR / H.M. FRAME 3"= 1'-0"



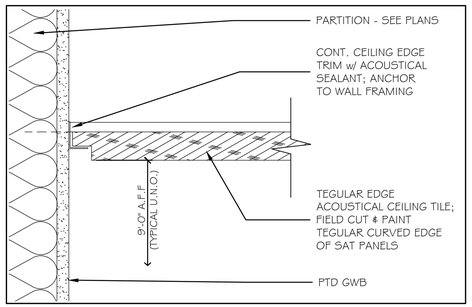
(3) SILL AT INT. DOOR / H.M. FRAME 3"= 1'-0"



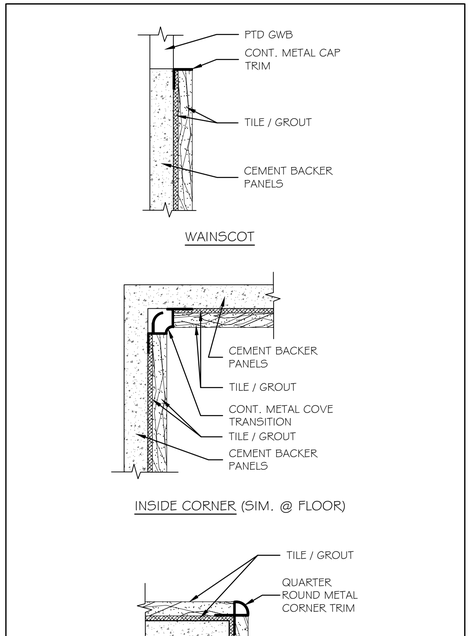
(4) TRANSITION DETAIL (T.S.) 6"= 1'-0"



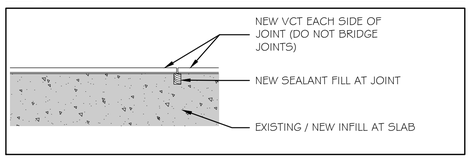
(5) TRANSITION DETAIL 6"= 1'-0"



(6) TYPICAL SAT DETAIL 3"= 1'-0"



(7) TILE TRANSITION DETAILS N.T.S.



(8) VCT @ JOINT DETAIL N.T.S.

Scale: AS NOTED

Designed by: Michael F. Hays, RA

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
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MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
DOORS

SHEET NUMBER: A-13

CONTRACT: 2023.10

FIRST FLOOR FINISH SCHEDULE

ABBREVIATIONS

C	CARPET	FCS	FLOOR COATINGS SYSTEM	MP	METAL PANEL	TS	TRANSITION STRIP
CH	CONCRETE w/ HARDENER	FRP	FIBERGLASS REINFORCED PANELS	P	PAINT	TUP	TOUCH UP PAINT
CMU	CONCRETE MASONRY UNIT	FV	FIELD VERIFY	RB	RUBBER BASE	VB	VINYL BASE
CT	CERAMIC TILE	GL	GLASS	RF	RESILIENT FLOORING	VCT	VINYL COMPOSITION TILE
DFP	DRY FALL PAINT	GWB	GYPSUM WALL BOARD	SAT	SUSPENDED ACOUSTICAL TILE	WC	WALL COVERING
E	EXISTING	IMP	INSULATED METAL PANEL	SS	STAINLESS STEEL	WD	WOOD
EP	EPOXY PAINT	LVT	LAMINATED VINYL TILE				

RM NO.	NAME	WALLS N	WALLS E	WALLS S	WALLS W	FLOORS MAT'L	FLOORS BASE	FLOORS MAT'L	FLOORS BASE	CEILING A TYPE	CEILING A HT.	CEILING B TYPE	CEILING B HT.	REMARKS
101	I.T.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
102	MEN'S TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
102a	SHOWER	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
103	WOMEN'S TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
103a	SHOWER	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
104	STAIR	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
105	STAIR	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
106	T/D	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
107	ELEC.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
108	JAN.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
109	SUPPLIES	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
110	I.T.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
111	CORR.	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	—
112	COMPUTER REPAIR LAB	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	—
113	COMPUTER STORAGE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
114	SERVER ROOM	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
115	BOTTLE	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
116	FARE COLLECTION STOR.	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
117	SEC. EVID. STORAGE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
118	INTERVIEW	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
119	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
120	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
121	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
122	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
123	CONFERENCE TRAINING	—	—	—	—	C*	VB*	—	—	—	—	—	—	*SEE PLANS
124	STORAGE	—	—	—	—	C*	VB*	—	—	—	—	—	—	*SEE PLANS
125	JANITOR	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
126	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
127	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
128	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
129	WAITING	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
130	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
131	TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
132	RECEPT.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
133	TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
134	WORK ROOM	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
135	WOMEN'S SHOWER	—	—	—	—	CT*	CT*	—	—	—	—	—	—	*SEE PLANS / NOTE 2
136	MEN'S SHOWER	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
137	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
138	BREAKROOM	—*	—	P	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
139	LOCKERS	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
140	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
141	COMP.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
142	TROOPERS	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
143	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
144	SUPPLY	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
145	SALLYPORT	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
146	ARMORY	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
147	INTERVIEW	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
148	INTOX.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
149	TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
150	VEST.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
151	CORR.	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
152	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
153	OPEN OFFICE	—	—	—	—	C*	VB*	—	—	—	—	—	—	*SEE PLANS / NOTE 1
154	BREAKROOM	—*	P	—*	—	—	—	—	—	—	—	—	—	*SEE PLANS
155	VENDING	P	—*	—	—*	—	—	—	—	—	—	—	—	*SEE PLANS
156	CORR.	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
157	NOT USED	—	—	—	—	—	—	—	—	—	—	—	—	—
158	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
159	CONFERENCE	—	P	—	—	C*	VB*	—	—	—	—	—	—	*SEE PLANS/NOTES 1 & 4
160	ELEV. MACH.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
161	OPEN OFFICE	—	P	—	—	C*	VB*	—	—	—	—	—	—	*SEE PLANS / NOTE 1
162	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
163	CUSTODIAL STORAGE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
164	CORR.	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
165	VEST.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
166	OFFICE SUPPLIES	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
167	BUILDING SERVICES	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
168	SHIP / RECEIVE	—	—	—	—	—	VB*	—	—	—	—	—	—	*SEE PLANS
169	MECH.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
170	CORR.	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS
171	TEL / DATA	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
172	ELEC.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
173	FILE STORAGE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
174	PLAN STORAGE	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	*SEE PLANS

SECOND FLOOR FINISH SCHEDULE

ABBREVIATIONS

C	CARPET	FCS	FLOOR COATINGS SYSTEM	MP	METAL PANEL	TS	TRANSITION STRIP
CH	CONCRETE w/ HARDENER	FRP	FIBERGLASS REINFORCED PANELS	P	PAINT	TUP	TOUCH UP PAINT
CMU	CONCRETE MASONRY UNIT	FV	FIELD VERIFY	RB	RUBBER BASE	VB	VINYL BASE
CT	CERAMIC TILE	GL	GLASS	RF	RESILIENT FLOORING	VCT	VINYL COMPOSITION TILE
DFP	DRY FALL PAINT	GWB	GYPSUM WALL BOARD	SAT	SUSPENDED ACOUSTICAL TILE	WC	WALL COVERING
E	EXISTING	IMP	INSULATED METAL PANEL	SS	STAINLESS STEEL	WD	WOOD
EP	EPOXY PAINT	LVT	LAMINATED VINYL TILE				

RM NO.	NAME	WALLS N	WALLS E	WALLS S	WALLS W	FLOORS MAT'L	FLOORS BASE	FLOORS MAT'L	FLOORS BASE	CEILING A TYPE	CEILING A HT.	CEILING B TYPE	CEILING B HT.	REMARKS
201a	HALL	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
201b	HALL	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
201c	STORAGE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
201d	ALCOVE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
202	MEN'S TOILET	—	—	CT*	—	—	—	—	—	—	—	—	—	*SEE NOTE #2, 3 & 5
203	WOMEN'S TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
204	STAIR	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
205	STAIR	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
206	T/D	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
207	ELEC.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
208	JAN.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
209	SUPPLIES	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
210	LOBBY	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
211	VESTIBULE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
212	RECEPT.	E	E	E	E	C	E	E	E	E	E	E	E	SEE NOTE #3
213	CONFERENCE	P	P	P	P	C	WD	E	E	SAT	E	E	E	SEE NOTE #3
214	WAITING	E	E	E	E	C	E	E	E	E	E	E	E	SEE NOTE #3
215	WAITING	E	—	E	P	C	WD*	E	E	E	E	E	E	SEE NOTE #7
216	EZ PASS C.S. LOBBY	P	P	P	P	GT*	WD*	E	E	SAT	E	—	—	SEE NOTE #8
217	OFFICE	NOT USED	—											—
218	EZ PASS CSR	NOT USED	—											—
219	EZ PASS CSR	P	P	P	P	C	VB	—	—	SAT	E	—	—	—
220	NOTICE MAILING	E	E	E	E	E	E	E	E	E	E	E	E	*SEE NOTE #3
221	I.T. SERVER	E	E	E	E	E	E	E	E	E	E	E	E	*SEE NOTE #3
222	CORR.	P	P	P	E	E	E	E	E	E	E	E	E	—
223	OPEN OFFICE	—	P	E	E	E	E	E	E	E	E	E	E	—
224	OPEN OFFICE	—	P	—	E	E	E	E	E	E	E	E	E	—
225	OPEN OFFICE	E	P	P	E	E	E	E	E	E	E	E	E	SEE NOTE #9
226	CORR.	P	P	P	—	E	E	E	E	E	E	E	E	—
227	VIOLATION REVIEW	P	—	—	P	E*	E*	—	—	E*	E	E	E	SEE NOTE #9
228	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	—
229	CONFERENCE	—	—	—*	P	•	—	—	—	—*	—	—	—	*SEE NOTES 1, 3 & 4
230	CONFERENCE	—	P	—*	—	•	—	—	—	—*	—	—	—	*SEE NOTES 1, 3 & 4
231	STOR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
232	STOR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
233	FILE ROOM	—	—	—	—	—	—	—	—	—*	—	—	—	SEE NOTE #3
234	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
235	KITCHEN	—	P	P	—	—	—	—	—	—	—	—	—	SEE NOTE #3
236	EQUIPMENT	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
237	COMMUNICATIONS	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
238	TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
239	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
240	ADMIN	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
241	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
242	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
243	HALL	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
244	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
245	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
246	NOT USED	—	—	—	—	—	—	—	—	—	—	—	—	—
247	WAITING	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
248	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
249	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
250	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
251	NOT USED	—	—	—	—	—	—	—	—	—	—	—	—	—
252	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
253	FILE STORAGE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
254	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
255	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
256	CLO.	E	E	E	E	C	E	E	E	E	E	E	E	SEE NOTE #3
257	COPY / MAIL	E	E	P*	P*	VCT*	VB*	E	E	E	E	E	E	SEE NOTE #3
258	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
259	NEW ADA RESTROOM	CT1	CT1	CT1	CT1	CT2	CT2	—	—	SAT	E	—	—	
260	STORAGE	P	P	P	P	C*	VB	—	—	SAT	E	—	—	*SEE PLAN

DEMOLITION NOTES LEGEND

1. REINSTALL SALVAGE CARPET TILE IF IN ACCEPTABLE CONDITION. OTHERWISE, INSTALL NEW CARPET TILE OBTAINED FROM OWNER'S MAINTENANCE STOCK.
2. REINSTALL SALVAGE CERAMIC TILE IF IN ACCEPTABLE CONDITION. UTILIZE OWNER'S MAINTENANCE STOCK AS NEEDED. MATCH EXISTING GROUT COLOR.
3. PATCH / PAINT / REINSTALL (OR REPLACE) WALL & CEILING FINISHES TO MATCH ADJACENT FINISH ONCE MECHANICAL / PLUMBING / ELECTRICAL WORK IS COMPLETED.
4. COORDINATE PATCHING / PAINTING COMPLETION SCHEDULE w/ INSTALLATION OF A/V EQUIPMENT BY OWNER'S CONTRACTOR.
5. CLEAN ALL TILE SURFACES AFTER COMPLETION OF PLUMBING WORK.
6. PROTECT EXISTING HARDWOOD WALL BASE DURING CARPET REPLACEMENT WORK. REPLACE / REPAIR DAMAGED BASE TO MATCH EXISTING, INCLUDING REFINISHING WALL BASE AT ENTIRE ROOM.
7. INSTALL NEW OAK WALL BASE AT ENTIRE WEST WALL. MATCH EXISTING SIZE, FINISH & PROFILE.
8. INSTALL MATCHING GRANITE TILE; UTILIZE OWNER'S MAINTENANCE STOCK.
9. INSTALL NEW CARPET TILE FROM OWNER MAINTENANCE STOCK AT REMOVED PARTITION. PATCH EXISTING CEILING GRID & SAT WITH NEW COMPONENTS TO MATCH EXISTING.

OWNER MATERIALS - MAINTENANCE STOCK

TAG	ITEM NAME	COLOR	PHOTO # **
C*	"DAZZLE" CARPET TILE	GREEN	1
CT*	MOSAIC CERAMIC WALL TILE	MULTI	2
GT*	GRANITE FLOOR TILE	NATURAL	3
VCT*	ARMSTRONG IMPERIAL TEXTURE	FORTRESS WHITE	4
VB*	JOHNSTONE 4" VINYL COVE BASE	WETLANDS	5
FORBO	FORBO SPECIALTY TILE	COLOREX 5D	6

**SEE PHOTOS ON SHEET A-15

Scale: AS NOTED

No.	Revision	By	Date

Designed by: Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

GRANT HAYS ASSOCIATES
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
FINISHES

SHEET NUMBER: A-14

CONTRACT: 2023.10

THIRD FLOOR FINISH SCHEDULE

ABBREVIATIONS

C	CARPET	FCS	FLOOR COATINGS SYSTEM	MP	METAL PANEL	TS	TRANSITION STRIP
CH	CONCRETE w/ HARDENER	FRP	FIBERGLASS REINFORCED PANELS	P	PAINT	TUP	TOUCH UP PAINT
CMU	CONCRETE MASONRY UNIT	FV	FIELD VERIFY	RB	RUBBER BASE	VB	VINYL BASE
CT	CERAMIC TILE	GL	GLASS	RF	RESILIENT FLOORING	VCT	VINYL COMPOSITION TILE
DFP	DRY FALL PAINT	GWB	GYPSUM WALL BOARD	SAT	SUSPENDED ACOUSTICAL TILE	WC	WALL COVERING
E	EXISTING	IMP	INSULATED METAL PANEL	SS	STAINLESS STEEL	WD	WOOD
EP	EPOXY PAINT	LVT	LAMINATED VINYL TILE				

RM NO.	NAME	WALLS N	WALLS E	WALLS S	WALLS W	FLOORS MAT'L	FLOORS BASE	FLOORS MAT'L	FLOORS BASE	CEILING A TYPE	CEILING A HT.	CEILING B TYPE	CEILING B HT.	REMARKS
301	HALL	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
301a	ALCOVE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
302	MEN'S TOILET	——	CT*	——	——	——	——	——	——	——	——	——	——	*SEE NOTES 2, 3 & 5
303	WOMEN'S TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
304	STAIR	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
305	STAIR	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
306	T/D	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
307	ELEC.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
308	JAN.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
309	SUPPLIES	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
310	AUTHORITY ROOM	——	——	——	——	C	WD*	——	——	——	——	——	——	*SEE PLANS / NOTE 6
311	CLOSET	E	E	E	E	C	E	E	E	E	E	E	E	SEE NOTE #3
312	CLOSET	E	E	E	E	C	E	E	E	E	E	E	E	SEE NOTE #3
313	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
314	KITCHEN	P	P	P	P	——	——	——	——	——	——	——	——	*SEE NOTE #5
315	STORAGE	E	E	E	E	C	E	E	E	E	E	E	E	SEE NOTE #3
316	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
317	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
318	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
319	WAIT	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
320	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
321	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
322	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
323	VAULT	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
324	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
325	COPY	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
326	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
327	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
328	TEST	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
329	CONFERENCE D	P*	——	——	——	——	——	——	——	——	——	——	——	*SEE NOTES 3 & 4
330	WAITING	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
331	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
332	FILES	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
333	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
334	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
335	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
336	CORR.	——	P*	——	——	——	VB*	——	——	——	——	——	——	*SEE PLANS
337	FILE STORAGE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
338	CONFERENCE C	E	E	P*	E	E	E	E	E	E	E	E	E	SEE NOTE #3
339	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
340	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
341	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
342	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
343	LAYOUT	P*	E	P*	P*	E	E	E	E	E	E	E	E	SEE NOTE #3
344	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
345	EXEC. CONFERENCE B	——	——	——	P*	*	——	——	——	——	——	——	——	*SEE NOTES #3 & 4
346	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
347	TOILET	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
348	STOR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
349	OPEN OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
350	NOT USED	——	——	——	——	——	——	——	——	——	——	——	——	——
351	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
352	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
353	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
354	CORR.	P*	——	——	——	——	VB*	——	——	——	——	——	——	*SEE PLANS

1

2

3

4

5

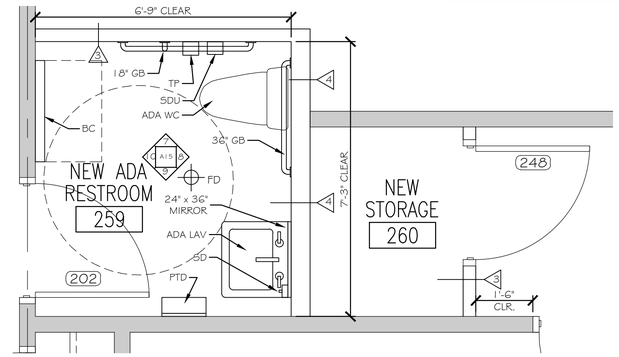
6

OWNER MATERIALS - MAINTENANCE STOCK

TAG	ITEM NAME	COLOR	PHOTO #
C*	"DAZZLE" CARPET TILE	GREEN	1
CT*	MOSAIC CERAMIC WALL TILE	MULTI	2
GT*	GRANITE FLOOR TILE	NATURAL	3
VCT*	ARMSTRONG IMPERIAL TEXTURE	——	4
VB*	JOHNSTONE 4" VINYL COVE BASE	WETLANDS	5
——	FORBO SPECIALTY TILE	——	6

DEMOLITION NOTES LEGEND

1. REINSTALL SALVAGE CARPET TILE IF IN ACCEPTABLE CONDITION. OTHERWISE, INSTALL NEW CARPET TILE OBTAINED FROM OWNER'S MAINTENANCE STOCK.
2. REINSTALL SALVAGE CERAMIC TILE IF IN ACCEPTABLE CONDITION. UTILIZE OWNER'S MAINTENANCE STOCK AS NEEDED. MATCH EXISTING GROUT COLOR.
3. PATCH / PAINT / REINSTALL (OR REPLACE) WALL & CEILING FINISHES TO MATCH ADJACENT FINISH ONCE MECHANICAL / PLUMBING / ELECTRICAL WORK IS COMPLETED.
4. COORDINATE PATCHING / PAINTING COMPLETION SCHEDULE w/ INSTALLATION OF A/V EQUIPMENT BY OWNER'S CONTRACTOR.
5. CLEAN ALL TILE SURFACES AFTER COMPLETION OF PLUMBING WORK.
6. PROTECT EXISTING HARDWOOD WALL BASE DURING CARPET REPLACEMENT WORK. REPLACE / REPAIR DAMAGED BASE TO MATCH EXISTING, INCLUDING REFINISHING WALL BASE AT ENTIRE ROOM.
7. INSTALL NEW OAK WALL BASE AT ENTIRE WEST WALL. MATCH EXISTING SIZE, FINISH & PROFILE.
8. INSTALL MATCHING GRANITE TILE; UTILIZE OWNER'S MAINTENANCE STOCK.
9. INSTALL NEW CARPET TILE FROM OWNER MAINTENANCE STOCK AT REMOVED PARTITION. PATCH EXISTING CEILING GRID & SAT WITH NEW COMPONENTS TO MATCH EXISTING.

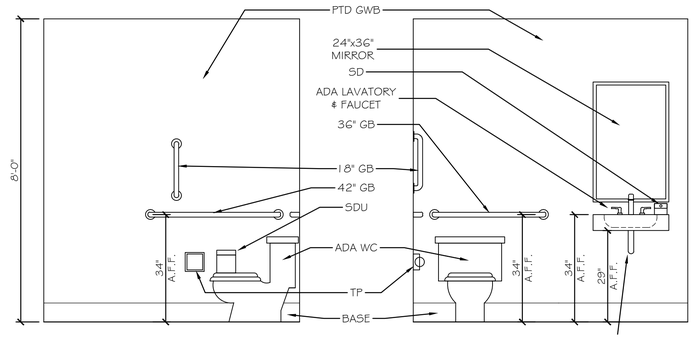


A NEW ADA RESTROOM 259 / NEW STORAGE 260
SCALE: 1/2" = 1'-0"

NOTE: SEE (7 / A13) FOR TILE TRANSITION DETAILS

PARTITION LEGEND

TAG	DETAIL
1	5 / A16
2	6 / A16
3	7 / A16
4	8 / A16



7 NEW ADA RESTROOM 259
SCALE: 1/2" = 1'-0"

8 NEW ADA RESTROOM 259
SCALE: 1/2" = 1'-0"

9 NEW ADA RESTROOM 259
SCALE: 1/2" = 1'-0"

10 NEW ADA RESTROOM 259
SCALE: 1/2" = 1'-0"

Scale: AS NOTED

Designed by: Michael F. Hays, RA

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

GRANT HAYS ASSOCIATES
ARCHITECTURE & INTERIOR DESIGN
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207.871.5900 www.granthays.com

MAINE TURNPIKE

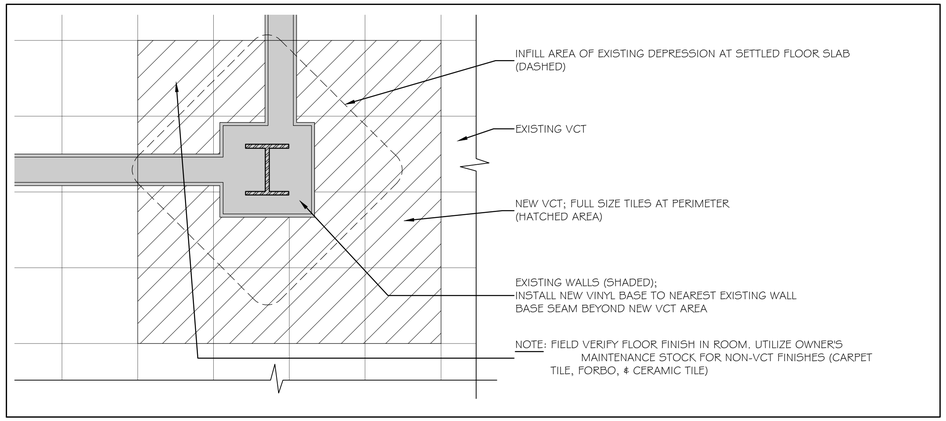
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

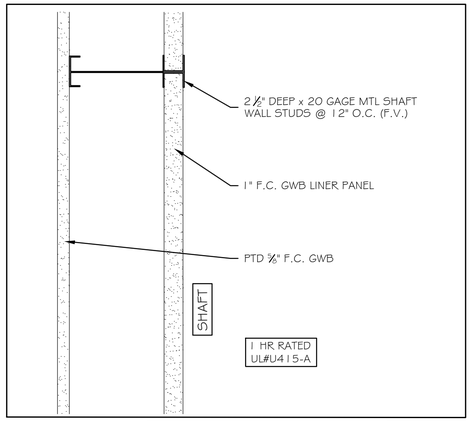
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
FINISHES

SHEET NUMBER: A-15

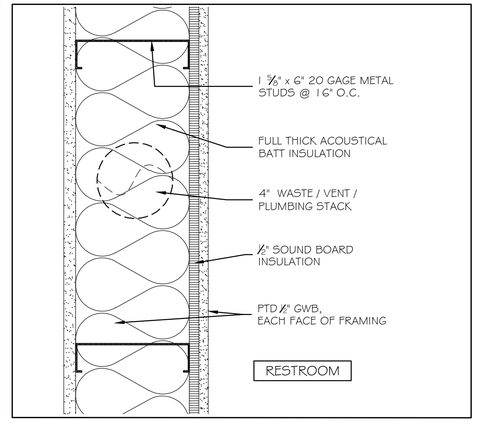
CONTRACT: 2023.10



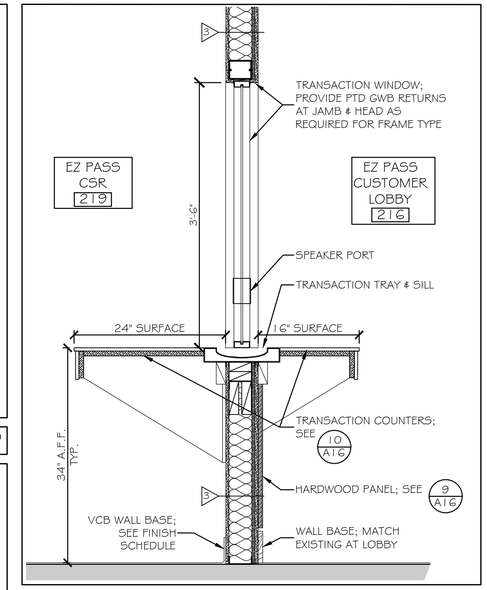
① INFILL AT FLOOR SLAB DEPRESSION 1" = 1'-0"



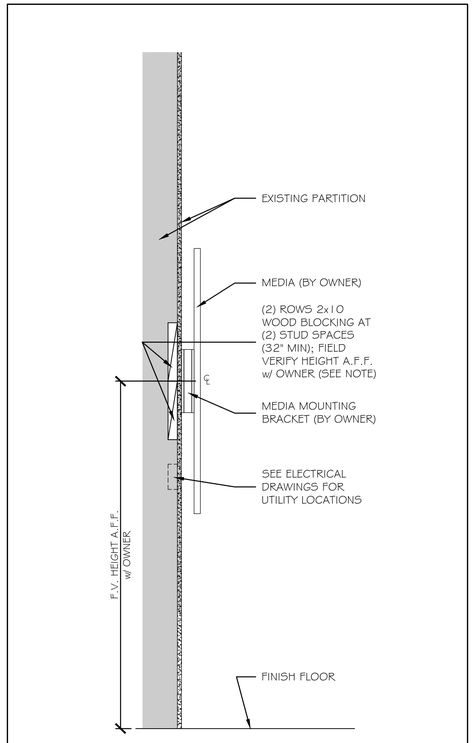
⑤ SHAFTWALL PARTITION 1 3"= 1'-0"



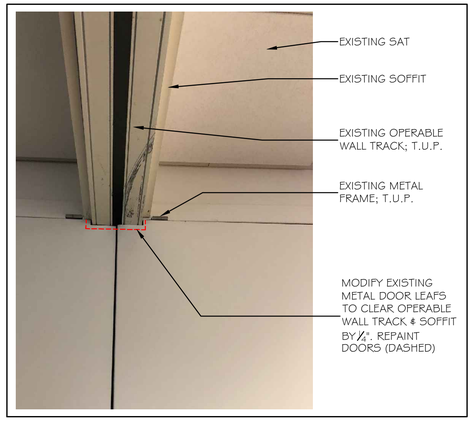
⑧ PARTITION TYPE 4 3"= 1'-0"



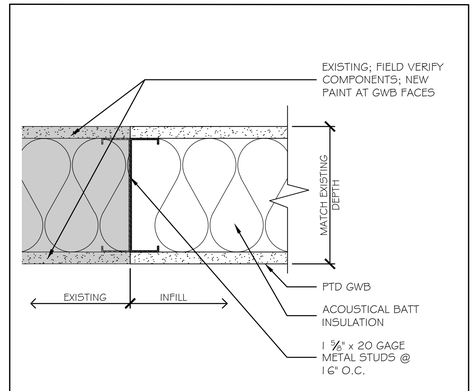
⑩ TRANSACTION COUNTER 3"= 1'-0"



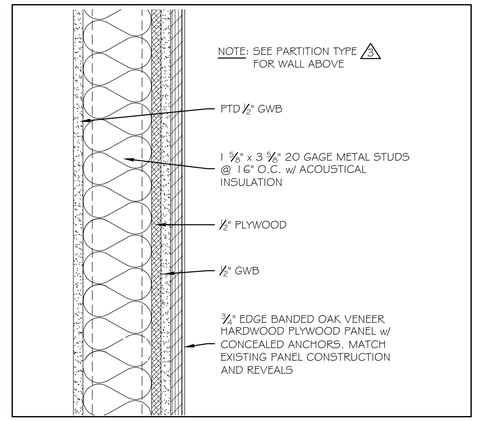
② MEDIA SUPPORT BLOCKING 1" = 1'-0"



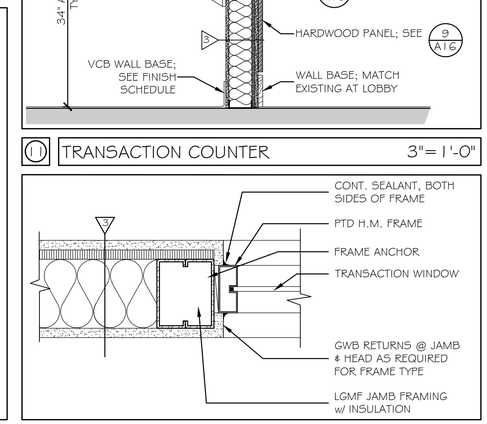
③ DOOR 231 MODIFICATIONS NO SCALE



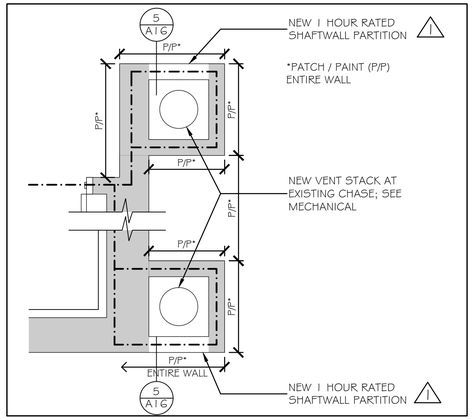
⑥ PARTITION INFILL DETAIL 2 3"= 1'-0"



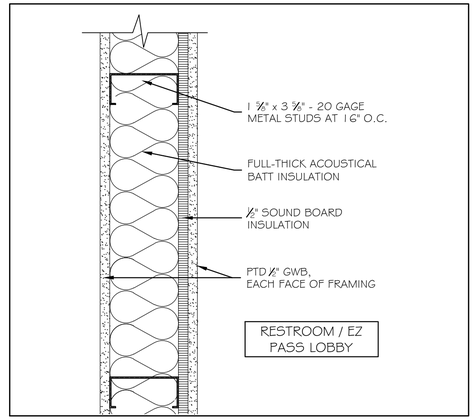
⑨ VENEER PANEL WALL DETAIL 3"= 1'-0"



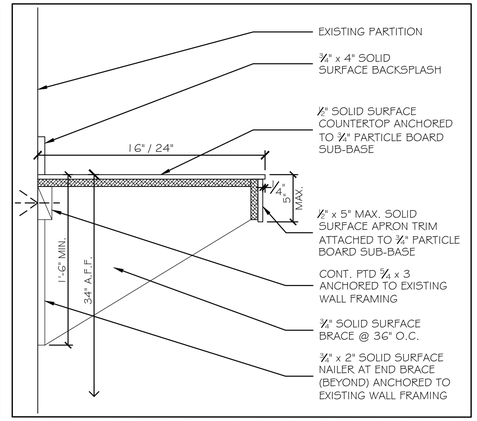
⑫ TRANSACTION WINDOW AT JAMB (HEAD SIM) 3"= 1'-0"



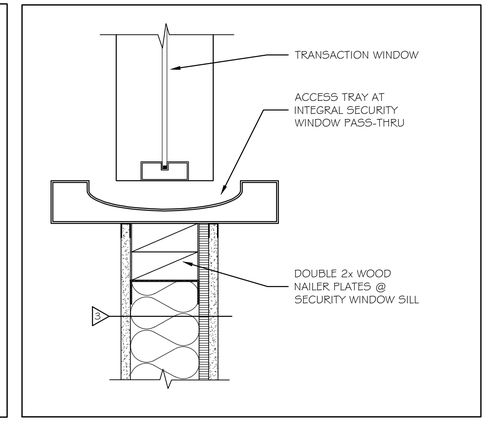
④ SHAFT WALL AT NEW VENT STACK ½"= 1'-0"



⑦ PARTITION DETAIL 3 3"= 1'-0"



⑩ TRANSACTION COUNTER 1 ½"= 1'-0"



⑬ TRANSACTION WINDOW SILL 3"= 1'-0"

Scale: AS NOTED

No.	Revision	By	Date

Designed by: Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

GRANT HAYS ASSOCIATES
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MAINE TURNPIKE

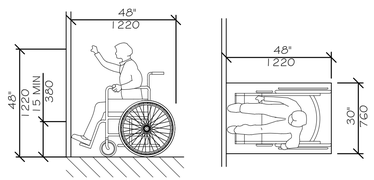
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT DETAILS

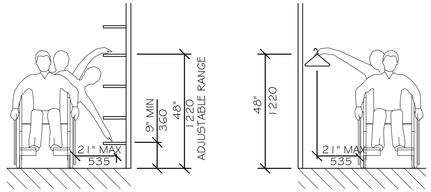
SHEET NUMBER: A-16

CONTRACT: 2023.10



HIGH FORWARD REACH LIMIT

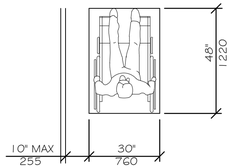
NTS



SHELVES CLOSETS

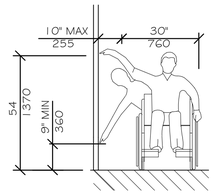
STORAGE SHELVES AND CLOSETS

NTS



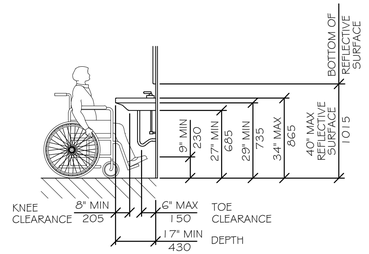
CLEAR FLOOR SPACE
PARALLEL APPROACH

NTS



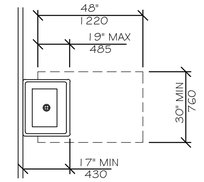
HIGH AND LOW
SIDE REACH LIMITS

NTS



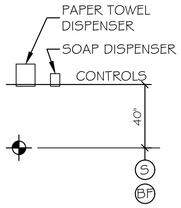
LAVATORY CLEARANCES

NTS



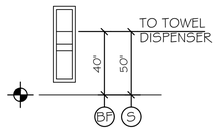
CLEAR FLOOR SPACE
AT LAVATORIES

NTS



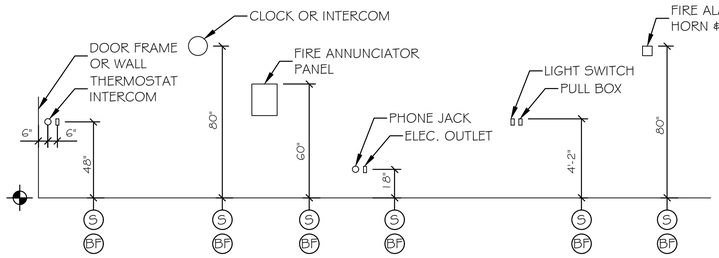
TOWEL & SOAP
DISPENSERS

NTS



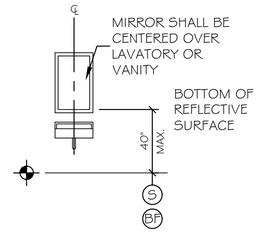
TOWEL DISPENSER
DISPOSAL UNIT

NTS



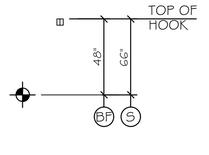
ELECTRICAL & FIRE PROTECTION DEVICES
TYPICAL UNLESS NOTED OTHERWISE

NTS



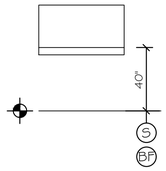
MIRROR OR MEDICINE CABINET

NTS



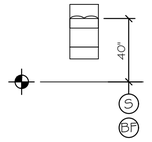
CLOTHES HOOK

NTS



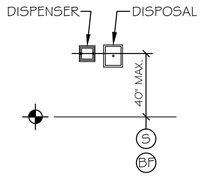
BABY CHANGE
STATION

NTS



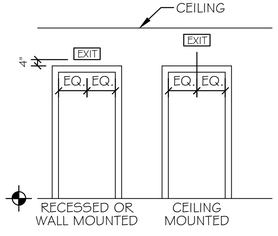
HAND DRYER

NTS



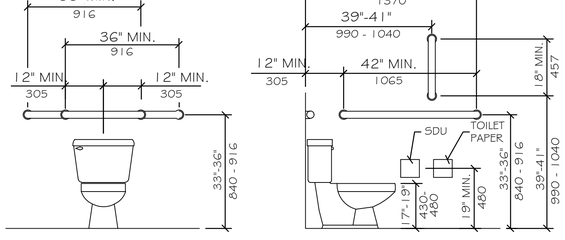
TOILET PAPER
DISPENSER &
SANITARY
DISPOSAL UNIT

NTS



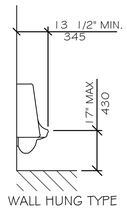
EXIT SIGNS
(TYPICAL UNLESS OTHERWISE NOTED)

NTS



GRAB BARS AT WATER CLOSETS

NTS



WALL HUNG TYPE

HEIGHT AND DEPTH OF URINAL

NTS

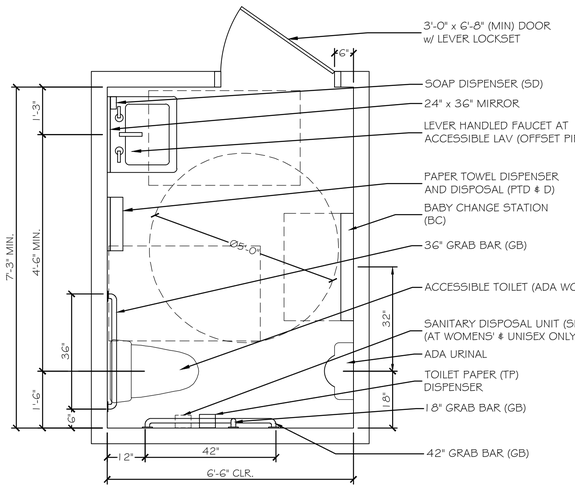
SIGN Ⓐ

LEGEND

- Ⓢ STANDARD MOUNTING HEIGHT
- BF BARRIER FREE ADULT MOUNTING HEIGHT
- FINISH FLOOR LINE

NOTE

MOUNT ALL FIXTURES AT STANDARD MOUNTING HEIGHT UNLESS INDICATED ON PLAN BY A ♿ SYMBOL. A ♿ SYMBOL AT ANY ROOM SHALL INCLUDE ONE OF ANY FIXTURE AND ACCESSORY WITHIN THE ROOM.



1 TYPICAL ACCESSORIES

NTS

ACCESSIBILITY ACCESSORY MOUNTING HEIGHTS

GRAB BARS	33"-36"
TOILET PAPER HOLDER	19" MIN
TOWEL BAR/PAPER TOWEL DISPENSER	48" MAX
BUILT IN PAPER TOWEL DISPENSER	48" MAX
SOAP DISH/DISPENSER AT WALL	48" MAX
SANITARY DISPOSAL UNIT	19" MAX
MIRROR (BOTTOM OF REFLECTIVE SURFACE)	40" MAX
SHELVES/STORAGE	48" MAX
ELECTRICAL SWITCHES/OUTLETS	48" MAX
COAT HOOKS/RODS	48" MAX
SIGNAGE (TO BRAILLE COMPONENT)	60" MAX

ACCESSIBILITY GENERAL NOTES

1. DOORWAYS SHALL HAVE A MINIMUM CLEAR WIDTH OF 32" WITH THE DOOR OPEN 90 DEGREES. MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP.
2. ALL DOORS SHALL HAVE LEVER HANDLE HARDWARE, EXCEPT AT SECURED STORAGE ROOMS, MECHANICAL ROOMS, AND ELEVATOR MACHINE ROOMS,
3. ALL CLOSERS SHALL BE 5LB PULL MAXIMUM AT DOORS EQUIPPED WITH LEVER HANDLE HARDWARE.
4. ALL DOORS WITH CLOSERS SHALL HAVE 18" CLEAR DISTANCE FROM THE LATCHSIDE OF THE OPENING TO ANY ADJACENT WALL OR OBSTRUCTION ON THE PULL SIDE OF THE OPENING.
5. ALL DOORS WITH CLOSERS SHALL HAVE 12" CLEAR DISTANCE FROM THE LATCHSIDE OF THE OPENING TO ANY ADJACENT WALL OR OBSTRUCTION ON THE PUSH SIDE OF THE OPENING.
6. ALL SIGNAGE SHALL BE MOUNTED 60" AFF TO BRAILLE COMPONENT AT LATCH-SIDE WALL OF DOORS AND OPENINGS.
7. COMPLY WITH CURRENT EDITION OF THE AMERICANS WITH DISABILITIES ACT.
8. ALL WC FLUSH CONTROLS SHALL BE LOCATED ON THE TRANSFER SIDE OF FIXTURE.

Scale: NO SCALE

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

MICHAEL F. HAYS No. 1724 REGISTERED ARCHITECT STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

GRANT HAYS ASSOCIATES

ARCHITECTURE & INTERIOR DESIGN
P.O. BOX 6179 FALMOUTH MAINE 04105
207.871.5900 www.granthays.com

MAINE TURNPIKE

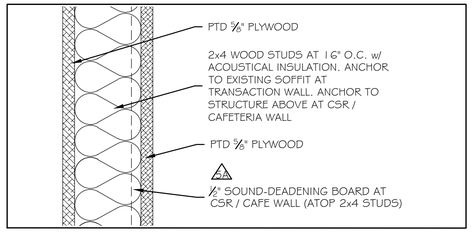
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

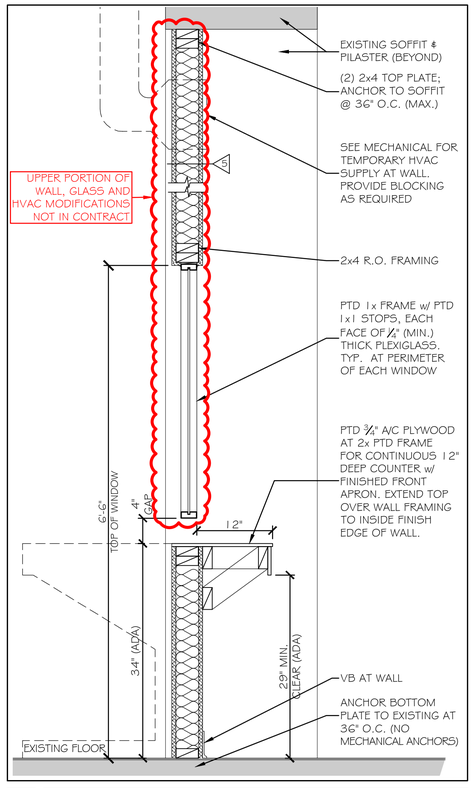
MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT ACCESSIBILITY DETAILS & NOTES

SHEET NUMBER: A-17

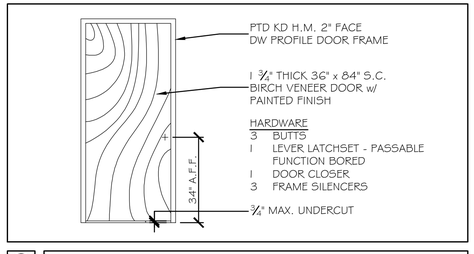
CONTRACT: 2023.10



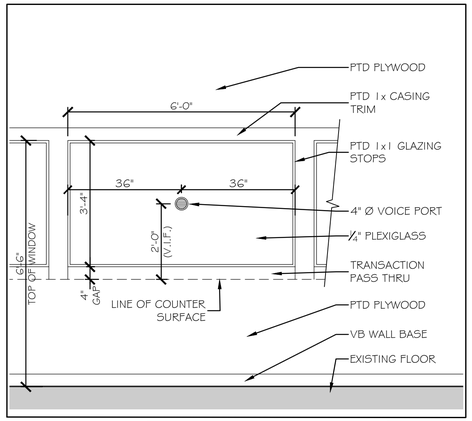
① TEMPORARY WALL DETAIL 5 5A 3"= 1'-0"



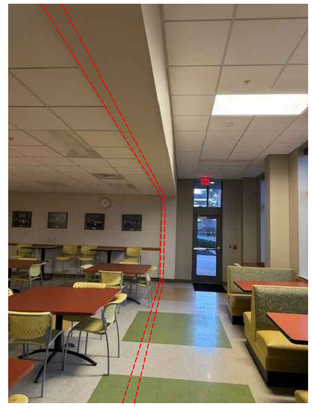
② TRANSACTION WINDOW WALL SECTION 1" = 1'-0"



③ EZ PASS CSR TEMPORARY DOOR NO SCALE



④ TEMPORARY EZ PASS TRANSACTION WINDOW NO SCALE

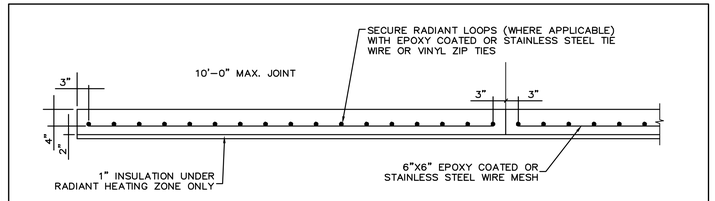


⑤ VIEW AT BREAK ROOM DOOR 170

⑥ VIEW FROM BREAK ROOM TO TEMP. EZ PASS RETAIL

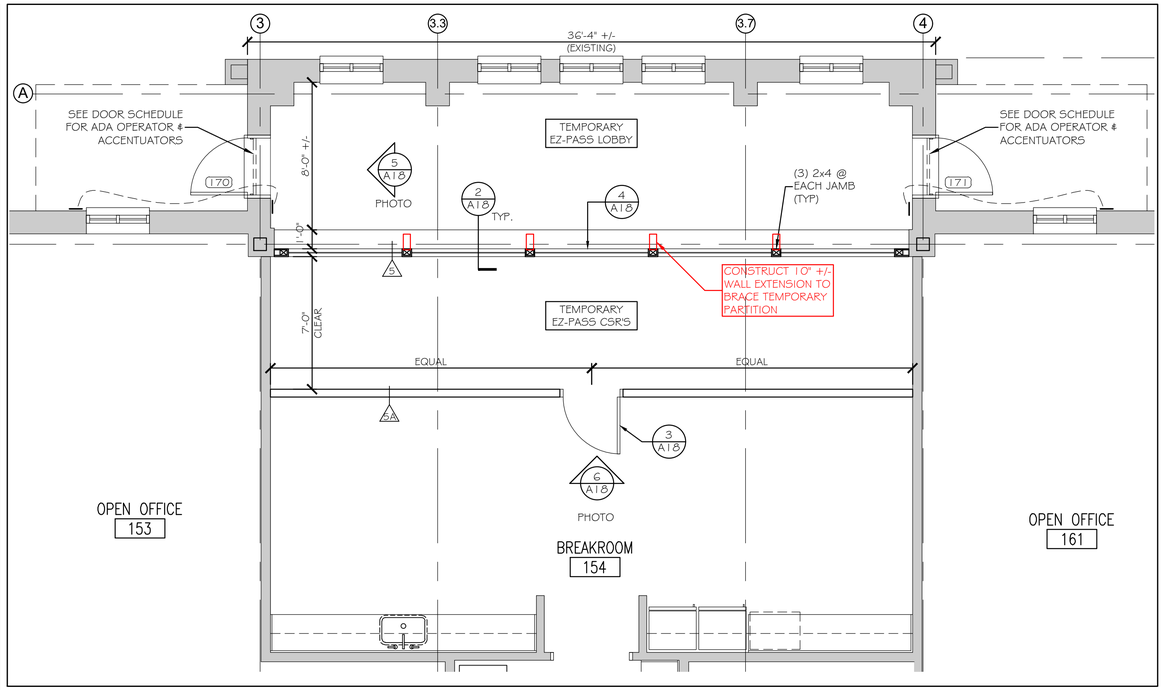
1. THE OWNER WILL REMOVE EXISTING FURNISHING IN THE AREA OF THE TEMPORARY EZ-PASS RETAIL LOCATION. OWNER WILL REINSTALL FURNISHINGS AT THE COMPLETION OF THE WORK.
2. ERECT DUST PARTITION DURING INITIAL CONSTRUCTION OF TEMPORARY WALLS IN BREAK ROOM FOR EZ-PASS RETAIL AREA.
3. PROTECT EXISTING FLOORING FINISHES DURING CONSTRUCTION AND REMOVAL OPERATIONS.
4. PATCH AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL AND/OR ELECTRICAL WORK IS PERFORMED WHEREBY EXISTING CONSTRUCTION AND/OR FINISHES MAY BE AFFECTED. PATCHING SHALL MATCH EXISTING CONSTRUCTION/FINISH SYSTEM U.N.O. PAINTING OF PATCHED AREA SHALL EXTEND FROM FLOOR TO CEILING; CORNER TO CORNER OF WALL AREA, U.N.O. COLOR SHALL MATCH EXISTING.
5. REPLACE SUSPENDED ACOUSTICAL CEILING TILE AND SUSPENSION GRID COMPONENTS DAMAGED OR SOILED DURING CONSTRUCTION AND REMOVAL OPERATIONS. MATCH EXISTING.
6. REPAINT ENTIRE EXISTING SOFFIT AND WALL PILASTERS ONCE EZ-PASS RETAIL TRANSACTION WINDOW WALL HAS BEEN REMOVED.
7. REPLACE ALL EXISTING VCT FLOORING UNDER REMOVED TEMPORARY PARTITIONS ANCHORS. UTILIZE OWNER'S MAINTENANCE STOCK OR NEW COLOR-MATCH PRODUCT.
8. CLEAN AND POLISH ENTIRE BREAK ROOM FLOOR ONCE TEMPORARY EZ-PASS RETAIL AREA IS NO LONGER NEEDED. THE OWNER WILL REMOVE AND REINSTALL EXISTING FURNITURE (BOOTHS, TABLES & CHAIRS).
9. PARTITION TYPE 5 SHALL HAVE SIX (6) QUAD OUTLETS AND SIX (6) DATA BOXES FACING THE CSR SIDE OF THE WALL. REFER TO ELECTRICAL DRAWINGS.
10. PROVIDE ELECTRICAL POWER AND DATA IN THE EXISTING EXTERIOR WALL FOR THE OWNER'S ATM MACHINE. SEE ELECTRICAL DRAWINGS. COORDINATE LOCATION WITH THE OWNER.
11. REFER TO MECHANICAL DRAWINGS FOR TEMPORARY HVAC DUCTS AND DIFFUSERS.

TEMPORARY EZ-PASS RETAIL AREA NOTES

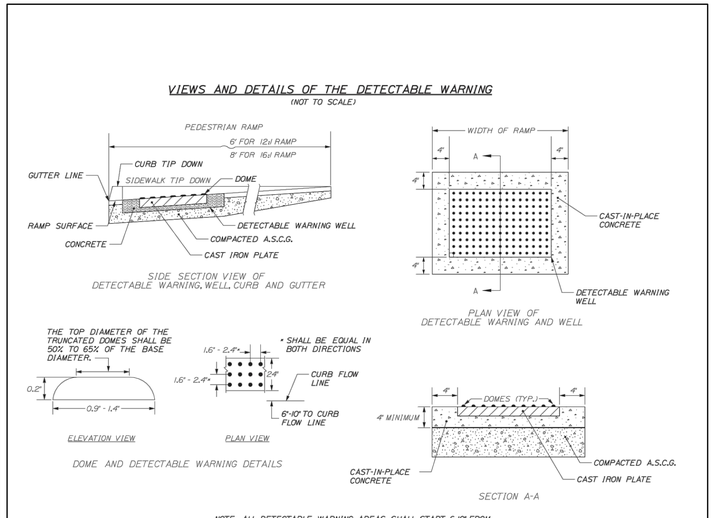


BROOMED FINISHED CONCRETE ELEVATION VIEW
N.T.S

⑦ BROOMED FINISHED CONCRETE SLAB NO SCALE



Ⓐ TEMPORARY EZ-PASS RETAIL AREA PLAN - 1ST FLOOR ¼"= 1'-0"



⑧ DETECTABLE WARNING DETAIL NO SCALE

Scale: AS NOTED

No.	Revision	By	Date

Designed by: Michael F. Hays, RA

MICHAEL F. HAYS No. 1724 LICENSED ARCHITECT STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

GRANT HAYS ASSOCIATES
ARCHITECTURE & INTERIOR DESIGN
P.O. BOX 6179 FALMOUTH MAINE 04105
207.871.5900 www.granthays.com

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT TEMPORARY EZ-PASS CUSTOMER SERVICE PLAN & DETAILS

SHEET NUMBER: A-18

CONTRACT: 2023.10

PLAN NORTH

OPEN OFFICE 223

OPEN OFFICE 224

OPEN OFFICE 225

IT SERVER 221

EZ PASS CSR 219

EZ PASS C.S. LOBBY 216

NOTICE MAILING 221

CORR. 221

CORR. 221

WOMEN'S TOILET 203

MEN'S TOILET 202

OFFICE 228

UP

DN

IR

M

S

C

240 241 242 243 244 236 237 238 239

SECOND FLOOR OPEN AREAS 223 224 225 CALL CENTER FURNITURE PLAN

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

FOR REFERENCE ONLY

NOTE: PLAN IS ROTATED 90° FROM BASE

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

No.	Revision	By	Date

Designed by:

Michael F. Hays, RA

LICENSED ARCHITECT MICHAEL F. HAYS No. 1724 STATE OF MAINE

CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

	By	Date		By	Date
Designed	MFH	02/26/24	Checked	MFH	02/26/24
Drawn	MGK	02/26/24	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT CALL CENTER FURNITURE PLAN

SHEET NUMBER: A-19

CONTRACT: 2023.10

PIPE ELBOW TURNED DN
PIPE ELBOW TURNED UP
PIPING TEE DOWN
PIPING TEE UP
PIPE RISER
45° ELBOW DOWN
PIPING TO BE REMOVED
CAPPED PIPING
DIRECTION OF FLOW
PIPE PITCHES DOWN
UNION
BACKFLOW PREVENTER
FLEXIBLE CONNECTION
SHUT-OFF/ISOLATION VALVE REFER TO SPECIFICATIONS
GATE VALVE ~ OUTSIDE SCREW & YOKE (OS&Y)
GLOBE VALVE
LOCKABLE BALL VALVE
2-WAY CONTROL VALVE
3-WAY CONTROL VALVE
CHECK VALVE

BALANCING VALVE CIRCUIT SETTER
AIR VENT ~ REFER TO SPECIFICATIONS
STRAINER WITH BLOWDOWN VALVE AND CAP
RELIEF/SAFETY VALVE
PRESSURE GAUGE WITH COCK
PRESSURE REDUCING VALVE
PUMP ~ POINT OF TRIANGLE INDICATES DIRECTION OF FLOW
GAS SHUT-OFF VALVE
HOSE END DRAIN VALVE W/CAP
THERMOMETER WITH COCK
SOLENOID VALVE
DIFFERENTIAL PRESSURE TRANSMITTER
HOSE BIB/WALL HYDRANT
FLOOR CLEANOUT
WALL CLEANOUT

FLOOR DRAIN
DUCTWORK ~ FIRST DIMENSION IS SIDE SHOWN IN INCHES S= SUPPLY, R= RETURN, E= EXHAUST AIR, OA= OUTSIDE AIR F.O. = FLAT OVAL
ACCOUSTICAL LINING (DUCT DIMENSION FOR NET FREE AREA)
DUCT TRANSITION
SQUARE TO ROUND DUCT TRANSITION
FLEX DUCT
SUPPLY DUCT TURNED UP/DN
RETURN DUCT TURNED UP/DN
EXHAUST DUCT TURNED UP/DN
ROUND DUCT TURNED UP/DN
MITERED DUCT ELBOW W/TURNING VANES
RADIUS DUCT ELBOW

DUCT/PIPE CAP (SINGLE/DOUBLE LINE)
VOLUME DAMPER
FIRE DAMPER
SMOKE DAMPER
FIRE AND SMOKE DAMPER
BACKDRAFT DAMPER
MOTORIZED DAMPER
FLEXIBLE CONNECTION
TEMPERATURE SENSOR OR THERMOSTAT (AS SPECIFIED)
HUMIDISTAT OR HUMIDITY SENSOR (AS SPECIFIED)
CARBON DIOXIDE SENSOR
CARBON MONOXIDE SENSOR
ACCESS PANEL
DUCT SMOKE DETECTOR

ROOFTOP EXHAUST FAN
CEILING SUPPLY DIFFUSER
CEILING RETURN GRILLE
CEILING EXHAUST GRILLE
POINT OF CONNECTION -EXISTING TO NEW
DIRECTION OF AIR FLOW
REGISTER, GRILLE & DIFFUSER TAG
DIFFUSER, REGISTER OR GRILLE No.
QUANTITY
CFM AIR FLOW
FINTUBE TAG
FINTUBE No.
LENGTH
GPM
VAV TAG
VAV No.
MINIMUM CFM
MAXIMUM CFM
GPM
EQUIPMENT TAG
TYPE DESIGNATOR
NUMBER
EQUIPMENT TAG(ON FLOOR/ROOF ABOVE)
TYPE DESIGNATOR
NUMBER

DETAIL REFERENCE SYMBOL
DETAIL No.
SHEET DETAIL LOCATED ON
SECTION REFERENCE SYMBOL
SECTION No.
SHEET SECTION LOCATED ON

NOTE

ALL GENERAL NOTES, SYMBOL LEGENDS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL PLUMBING AND HVAC DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION INTO THE DESIGN.

D1 SYMBOLS LEGEND

NONE

A1 PIPING LINETYPE LEGEND

AW	ACID WASTE
ATV	AIR RELIEF
BBD	BOILER BLOWDOWN
C	CONDENSATE (HVAC DRAIN PAN)
CA	COMPRESSED AIR
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CTR	COOLING TOWER RETURN
CTS	COOLING TOWER SUPPLY
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRC.
D	DRAIN
FM	PUMP FORCE MAIN
FOF	FUEL OIL FILL
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL TANK VENT
FW	FEEDWATER
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
GW	GREASE WASTE
GWR	GEOTHERMAL WATER RETURN
GWS	GEOTHERMAL WATER SUPPLY
H	HUMIDIFICATION LINE
H2	HYDROGEN GAS
HCR	HEAT/COOL RETURN
HCS	HEAT/COOL SUPPLY
HPWR	HEAT PUMP WATER RETURN
HPWS	HEAT PUMP WATER SUPPLY
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HTWR	HIGH-TEMP HOT WATER RETURN
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
	INDUSTRIAL WASTE
IW	INDIRECT WASTE
LN	LIQUID NITROGEN
LOX	LIQUID OXYGEN
LP	LIQUID PETROLEUM GAS
LPR	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
MA	MEDICAL AIR
MPR	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MUW	MAKE-UP WATER
N2	NITROGEN
NG	NATURAL GAS
NO	NITROUS OXIDE
NPW	NON-POTABLE WATER
OX	OXYGEN
PC	PUMPED CONDENSATE
PCWR	PROCESS COLD WATER RETURN
PCWS	PROCESS COLD WATER SUPPLY
RD	REFRIGERANT DISCHARGE
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
RO	REVERSE OSMOSIS WATER
RW	RAIN WATER -ABOVE FLOOR
RW	RAIN WATER -BELOW GRADE
RWO	RAIN WATER OVERFLOW -ABOVE FLOOR
RWO	RAIN WATER OVERFLOW -BELOW GRADE
SP	SPRINKLER MAIN PIPING
SWR	SOLAR WATER RETURN
SWS	SOLAR WATER SUPPLY
TP	TRAP PRIMER -ABOVE FLOOR
TP	TRAP PRIMER -BELOW GRADE
TWR	TEMPERED WATER RETURN
TWS	TEMPERED WATER SUPPLY
V	SANITARY SOIL VENT -ABOVE FLOOR
V	SANITARY SOIL VENT -BELOW GRADE
VAC	VACUUM (AIR)
VC	VACUUM CLEANING (HOUSE)
VPD	VACUUM PUMP DISCHARGE
W	SANITARY SOIL WASTE -ABOVE FLOOR
W	SANITARY SOIL WASTE -BELOW GRADE
WV	SANITARY WET VENT -ABOVE FLOOR
WV	SANITARY WET VENT -BELOW GRADE

A5 ABBREVIATIONS

NONE

AAV	AUTOMATIC AIR VENT	ENC	ENCLOSURE	MBH	1000 BTUH/hr.	SPLR	SPRINKLER
AD	ACCESS DOOR	ERU	ENERGY RECOVERY UNIT	MFR	MANUFACTURER	SQ. FT; SF	SQUARE FEET
AFF; A.F.F.	ABOVE FINISHED FLOOR	ET	EXPANSION TANK	MIN	MINIMUM	S.S.	STAINLESS STEEL
AHU	AIR HANDLING UNIT	(E)	EXISTING	MOD	MOTOR OPERATED DAMPER	TD	TRENCH DRAIN
AP	ACCESS PANEL	FC	FLEXIBLE CONNECTION	MTD	MOUNTED	TP	TRAP PRIMER
APPROX.	APPROXIMATE; APPROXIMATELY	FCO	FLOOR CLEANOUT	MTG	MOUNTING	TSP	TOTAL STATIC PRESSURE
ATC	AUTOMATIC TEMPERATURE CONTROL	FD-#	FLOOR DRAIN TAG	MUA	MAKE UP AIR	TTS	TIGHT TO STEEL
AV	AIR VENT	FD	FIRE DAMPER	N.C.	NORMALLY CLOSED	TYP	TYPICAL
BDD	BACKDRAFT DAMPER	FTG	FOOTING	N.O.	NORMALLY OPEN	UH	UNIT HEATER
BFP	BACKFLOW PREVENTER	GC	GENERAL CONTRACTOR	NG	NATURAL GAS	UIC	UP IN CHASE
BLDG	BUILDING	GPM	GALLONS PER MINUTE	NIC	NOT IN CONTRACT	UIW	UP IN WALL
BOD	BOTTOM OF DUCT	GRV	GRAVITY ROOF VENTILATOR	NPT	NATIONAL PIPE THREAD	VAC	VACUUM
CONV.	CONVECTOR	H	HUMIDIFIER	NTS	NOT TO SCALE	VCFF	VALVE & CAP FOR FUTURE
CFM	CUBIC FEET PER MINUTE	HB	HOSE BIBB	OD	OUTSIDE DIAMETER	W/	WITH
CLG	CEILING	HC; HDC	HANDICAP ACCESS	OED	OPEN ENDED DUCT	WB	WET BULB TEMPERATURE, °F
CO	CLEANOUT	HGT; HT	HEIGHT	P-#	PLUMBING FIXTURE TAG	WCO	WALL CLEANOUT
CONN	CONNECT; CONNECTION	HP	HEAT PUMP	PRS	PRESSURE REDUCING STATION	WH	WATER HEATER
CONT.	CONTINUE; CONTINUATION	HRU	HEAT RECOVERY UNIT	RD	ROOF DRAIN	WHYD	WALL HYDRANT
COORD.	COORDINATE	HVAC	HEATING, VENTILATING AND AC	RHC	REHEAT COIL		
CTE	CONNECT TO EXISTING	HW	HOT WATER	RM	ROOM		
CTR	CENTER	HWR	HOT WATER RETURN	RPZ	REDUCED PRESSURE BFP		
CU	COPPER; CONDENSING UNIT	HWS	HOT WATER SUPPLY	RR	RETURN REGISTER		
DDC	DIRECT DIGITAL CONTROL	HX	HEAT EXCHANGER	RV	RELIEF VALVE		
DIC	DOWN IN CHASE	INCL.	INCLUDING	RW	RAIN WATER		
DIW	DOWN IN WALL	LP	LIQUID PETROLEUM GAS	S	SUPPLY AIR		
DN	DOWN	LPR	LOW PRESSURE STEAM RETURN	SA-" "	SHOCK ABSORBER OF PDI SIZE (" ") AS INDICATED		
EF	EXHAUST FAN	LPS	LOW PRESSURE STEAM SUPPLY				
ELEV	ELEVATION	MAX	MAXIMUM	SCV	SELF-CONTAINED VALVE		

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.

STATE OF MAINE — ANTHONY S. DAVIS No. 8834 — LICENSED PROFESSIONAL ENGINEER

No.	Revision	By	Date
-	-	-	-

CONSULTANT PROJECT MANAGER:

	By	Date		By	Date
Designed	ASD	02/26/2024	Checked	ASD	02/26/2024
Drawn	REW	02/26/2024	In Charge of		

Allied Engineering
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Web:www.allied-eng.com

AEI PROJECT No.: 22095

MAINE TURNPIKE

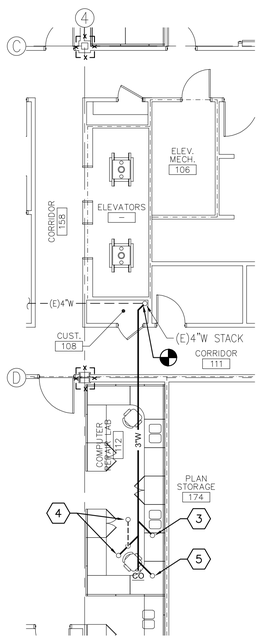
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

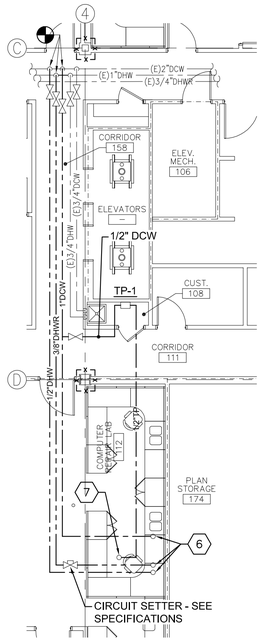
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PLUMBING AND HVAC NOTES, LEGEND AND ABBREVIATIONS

CONTRACT: 2023.10

SHEET NUMBER: M-0

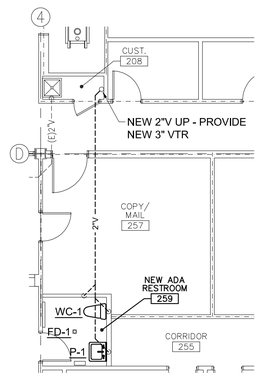


DRAINAGE PIPING

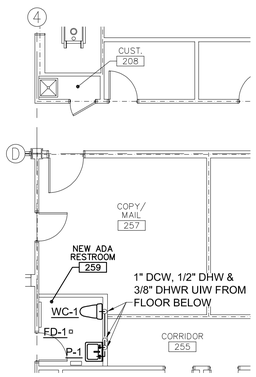


SUPPLY PIPING

E3	PLUMBING PART PLANS ~ SECOND FLOOR
1/8" = 1'-0"	NEW ADA RESTROOM 259

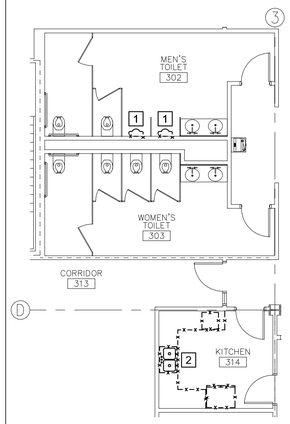


DRAINAGE PIPING

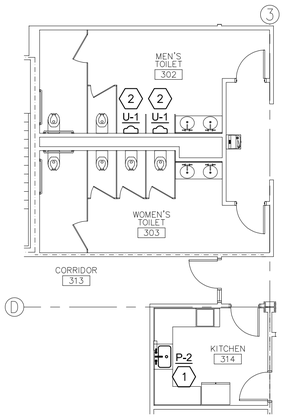


SUPPLY PIPING

E6	PLUMBING PART PLANS ~ THIRD FLOOR
1/8" = 1'-0"	EXISTING MEN'S TOILET 302 AND KITCHEN 314



DEMOLITION

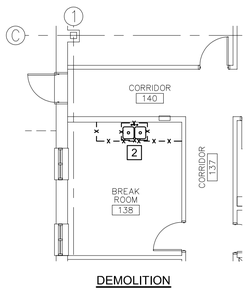


INSTALLATION

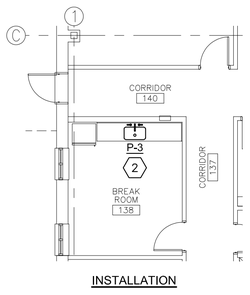
E8	PLUMBING KEYED NOTES
NONE	

1. MODIFY EXISTING DCW, DHW, WASTE AND VENT PIPING AS REQUIRED TO CONNECT TO NEW FIXTURE.
2. MODIFY EXISTING DCW, DHW, WASTE AND VENT PIPING AS REQUIRED TO CONNECT TO NEW FIXTURE. PROVIDE STEEL ESCUTCHEON PLATE LARGE ENOUGH TO COVER OPENING AT EXISTING TILE TO REMAIN.
3. 3"W DOWN FROM NEW WATER CLOSET ON FLOOR ABOVE.
4. 2"W DOWN FROM NEW FLOOR DRAIN ON FLOOR ABOVE - NEW 2"V UP TO FLOOR ABOVE.
5. 1-1/2"W DOWN FROM NEW LAVATORY ON FLOOR ABOVE.
6. 1" DCW, 1/2" DHW AND 3/4" DHWR UP TO NEW ADA RESTROOM ON FLOOR ABOVE.
7. 1/2" TP (TRAP PRIMER) PIPING UP TO FD-1 IN NEW ADA RESTROOM ABOVE.

C1	PLUMBING PART PLANS ~ FIRST FLOOR
1/8" = 1'-0"	NEW ADA RESTROOM 259

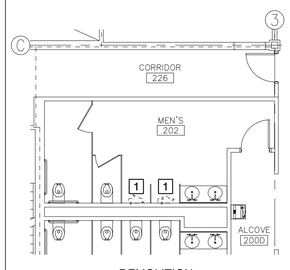


DEMOLITION

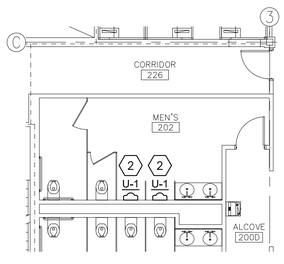


INSTALLATION

C3	PLUMBING PART PLANS ~ SECOND FLOOR
1/8" = 1'-0"	EXISTING MEN'S 202

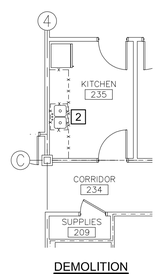


DEMOLITION

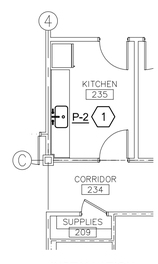


INSTALLATION

C6	PLUMBING PART PLANS ~ SECOND FLOOR
1/8" = 1'-0"	EXISTING KITCHEN 235



DEMOLITION

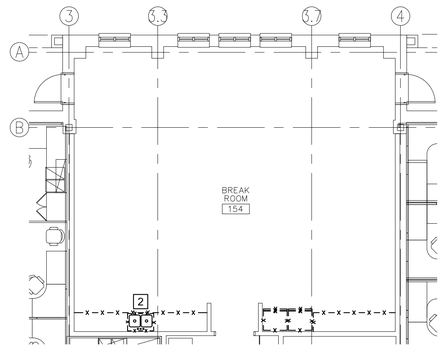


INSTALLATION

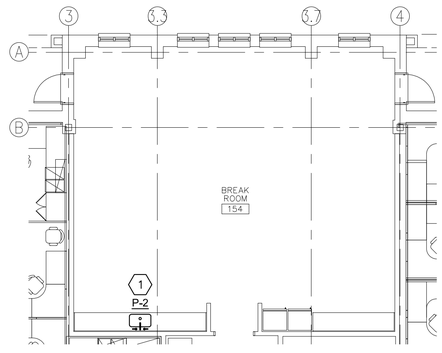
C8	PLUMBING DEMOLITION KEYED NOTES
NONE	

1. REMOVE EXISTING URINAL AND TRIM COMPLETE.
2. REMOVE EXISTING SINK COMPLETE.

A1	PLUMBING PART PLANS ~ FIRST FLOOR
1/8" = 1'-0"	EXISTING BREAK ROOM 138



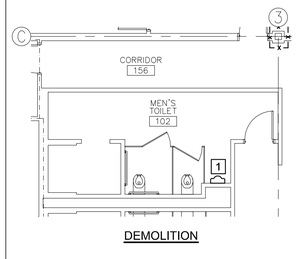
DEMOLITION



INSTALLATION

A3	PLUMBING PART PLANS FIRST FLOOR
1/8" = 1'-0"	EXISTING BREAK ROOM 154

A8	PLUMBING PART PLANS ~ FIRST FLOOR
1/8" = 1'-0"	EXISTING MEN'S TOILET 102



DEMOLITION

INSTALLATION

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.

STATE OF MAINE ANTHONY S. DAVIS No. 8834 LICENSED PROFESSIONAL ENGINEER

No.	Revision	By	Date
-	-	-	-

CONSULTANT PROJECT MANAGER:

	By	Date		By	Date
Designed	ASD	02/26/2024	Checked	ASD	02/26/2024
Drawn	REW	02/26/2024	In Charge of		

Allied Engineering
Structural Mechanical Electrical Plumbing
160 Veranda Street
Portland, Maine 04103
P: 207.221.2260
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Web:www.allied-eng.com

AEI PROJECT No.: 22095

MAINE TURNPIKE

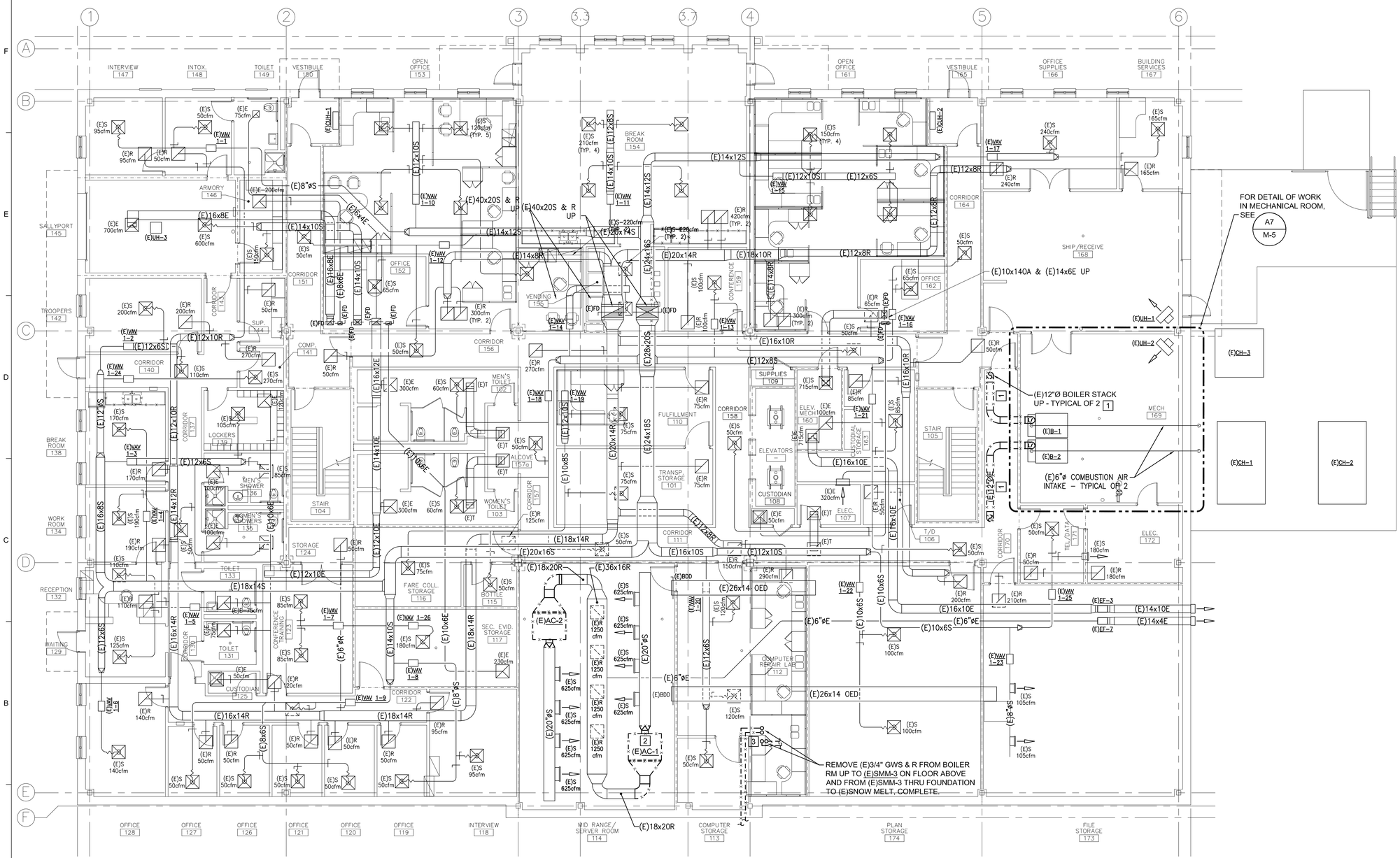
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT PLUMBING AND PLUMBING DEMOLITION PART PLANS

SHEET NUMBER: P-1

CONTRACT: 2023.10



GENERAL PROJECT PHASING NOTES

1. PHASING FOR THE PROJECT SHALL OCCUR AS OUTLINED ON SHEETS G-002, G-003, G-004 AND G-005 - CONCEPTUAL CONSTRUCTION PHASING.

2. THE CONTRACTOR SHALL COORDINATE ACTUAL EQUIPMENT REPLACEMENTS IN A MANNER WHICH CONSIDERS LEAD TIME FOR THE EQUIPMENT. COORDINATE EQUIPMENT DELIVERY SCHEDULES AND RIGGING REQUIREMENTS WITH THE OVERALL PHASING SCHEDULE.

3. THE WORK ASSOCIATED WITH REPLACEMENT OF THE EXISTING SERVER ROOM AC UNITS AND THE BOILER STACKS SHALL EACH BE COORDINATED STRICTLY WITH SEASONAL CONDITIONS AND FACILITY REQUIREMENTS TO ENSURE NO INTERRUPTION TO SPACE CONDITIONING REQUIREMENTS THROUGHOUT OCCUPIED SECTIONS OF THE FACILITY.

4. THE CONTRACTOR SHALL HAVE THE OPTION FOR REPLACING BOTH STACKS TOGETHER DURING NON-HEATING SEASON, PROVIDED THEY EMPLOY TEMPORARY MEANS FOR GENERATING DOMESTIC HOT WATER DURING THE TIME FRAME FOR EXISTING BOILERS TO BE OFF LINE.

5. THE CONTRACTOR SHALL PLAN TO REPLACE ROOFTOP UNITS IN A MANNER THAT LIMITS THE DOWN TIME FOR VENTILATION, HEATING AND COOLING TO 3 DAYS FOR EACH UNIT OR 7 DAYS FOR ALL 3 UNITS TOGETHER, FOR SUBSTANTIAL COMPLETION. IN THE CASE OF RTU REPLACEMENT, SUBSTANTIAL COMPLETION SHALL MEAN AIR HANDLERS ARE OPERATIONAL AND SYSTEMS ARE PROVIDING BASIC CONTROL ALLOWING FOR OCCUPANCY BY THE OWNER. FINAL AIR BALANCE CONTROL PROGRAMMING, AND COMMISSIONING MAY BE DONE SUBSEQUENTLY.

DEMOLITION KEYED NOTES

1. REMOVE EXISTING BOILER BREECHING AND STACK COMPLETE. PHASE THE REMOVAL SUCH THAT ONLY ONE BOILER IS OFF-LINE AT ANY ONE TIME, WITH ONE BREECHING INSTALLED FOR THE FIRST BOILER PRIOR TO COMPLETING THE BREECHING / STACK DEMOLITION FOR THE SECOND. REFER TO ARCHITECTURAL PLANS FOR REQUIRED CEILING REMOVAL / RE-INSTALLATION AND CHASE DEMOLITION.

2. REMOVE EXISTING CRAC UNIT, CONTROLS, DUCT TRANSITIONS AND CHW PIPE CONNECTIONS COMPLETE.

3. REMOVE EXISTING 3/4" GWS / GWR PIPING FROM BOILER ROOM TO EXISTING SMM-3 AND FROM EXISTING SMM-3 THROUGH FOUNDATION COMPLETE.

TRUE NORTH
PLAN NORTH

A1 — MECHANICAL DEMOLITION PLAN - FIRST FLOOR

1/8" = 1'-0"

Scale: AS NOTED

Designed by: ANTHONY S. DAVIS, P.E.

STATE OF MAINE — ANTHONY S. DAVIS No. 8834 — LICENSED PROFESSIONAL ENGINEER

No.	Revision	By	Date
-	-	-	-

CONSULTANT PROJECT MANAGER:

	By	Date		By	Date
Designed	ASD	02/26/2024	Checked	ASD	02/26/2024
Drawn	REW	02/26/2024	In Charge of		

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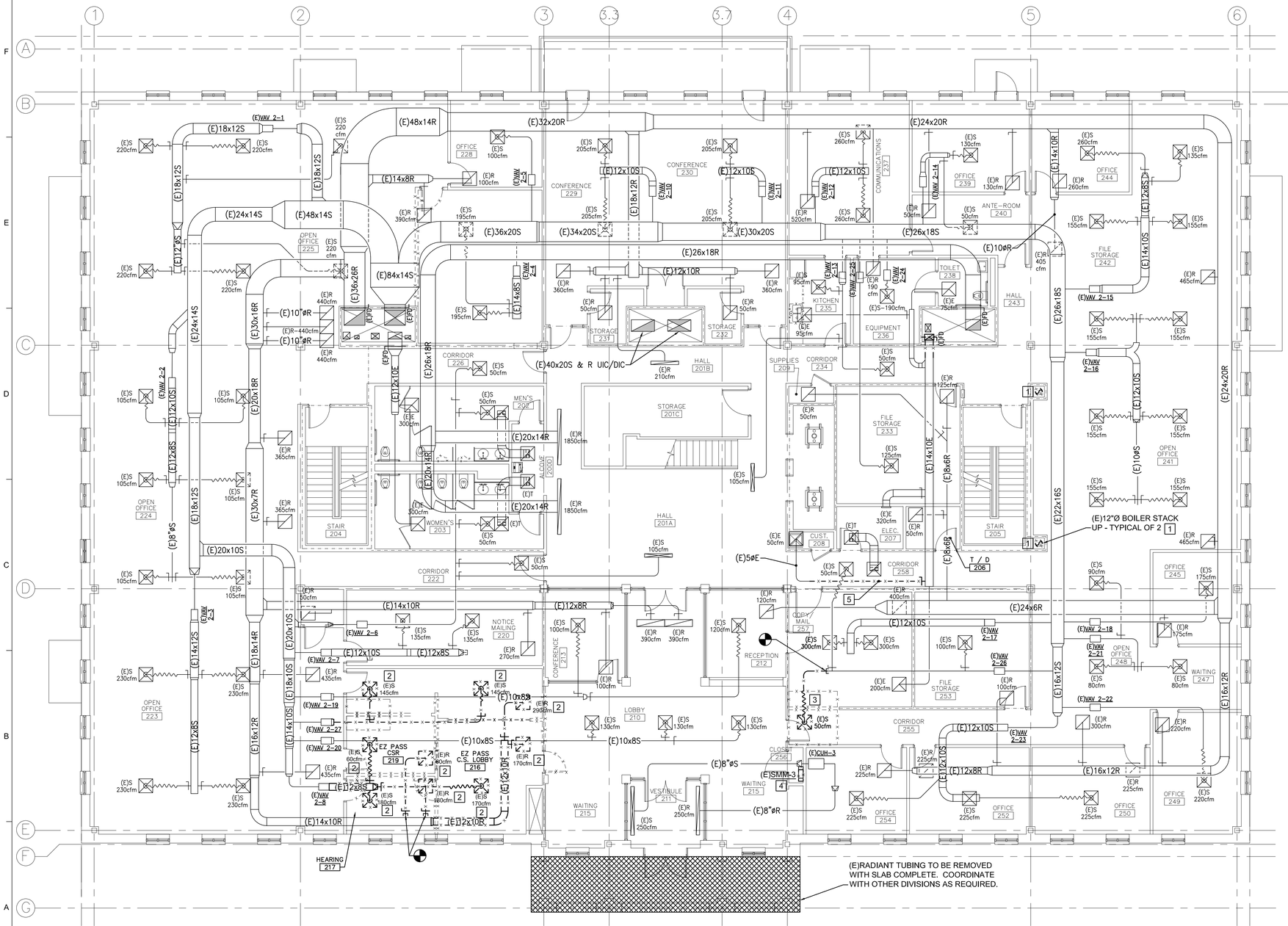
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL DEMOLITION PLAN
- FIRST FLOOR

CONTRACT: 2023.10

SHEET NUMBER: MD-1



DEMOLITION KEYED NOTES

1. REMOVE EXISTING STACK COMPLETE. PHASE THE REMOVAL TO MAINTAIN ONE BOILER IN OPERATION AT ALL TIMES. REFER TO ARCHITECTURAL PLANS FOR CHASE DEMOLITION.
2. REMOVE EXISTING DUCT AND DIFFUSER / GRILLE COMPLETE.
3. REMOVE EXISTING DUCT AND DIFFUSER. EXISTING DIFFUSER TO BE RELOCATED AS INDICATED.
4. REMOVE EXISTING SMM-3.
5. REMOVE SECTION OF EXISTING 5" EXHAUST DUCT TO FACILITATE INSTALLATION OF NEW DUCT/GRILLE AT ADA RESTROOM 259.

A1 — MECHANICAL DEMOLITION PLAN - SECOND FLOOR

1/8" = 1'-0"

Scale: AS NOTED

Designed by: ANTHONY S. DAVIS, P.E.

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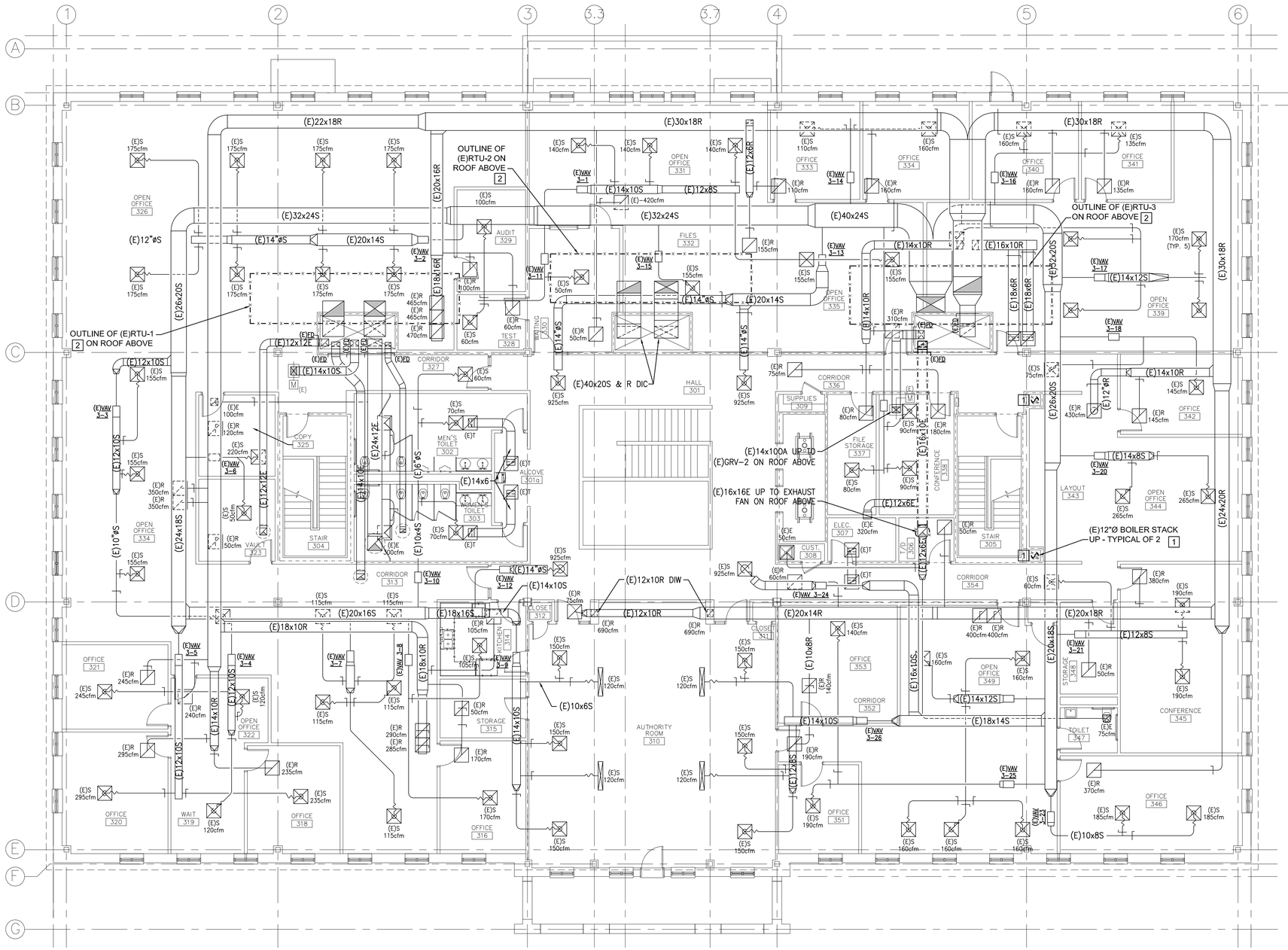
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL DEMOLITION PLAN
- SECOND FLOOR

CONTRACT: 2023.10

SHEET NUMBER: MD-2



DEMOLITION KEYED NOTES

1. REMOVE EXISTING STACK COMPLETE. PHASE THE REMOVAL TO MAINTAIN ONE BOILER IN OPERATION AT ALL TIMES. REFER TO ARCHITECTURAL PLANS FOR CHASE DEMOLITION.
2. EXISTING ROOF TOP UNIT ABOVE TO BE REMOVED / REPLACED COMPLETE. EXISTING VERTICAL DUCT DROPS TO REMAIN.
3. REMOVE EXISTING 16x10E COMPLETE, TO INCLUDE EXISTING VERTICAL DUCT RISER IN CHASE AND EXISTING DAMPERS.

PLAN NORTH

A1	MECHANICAL DEMOLITION PLAN - THIRD FLOOR
1/8" = 1'-0"	

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.

STATE OF MAINE ANTHONY S. DAVIS No. 8834 LICENSED PROFESSIONAL ENGINEER

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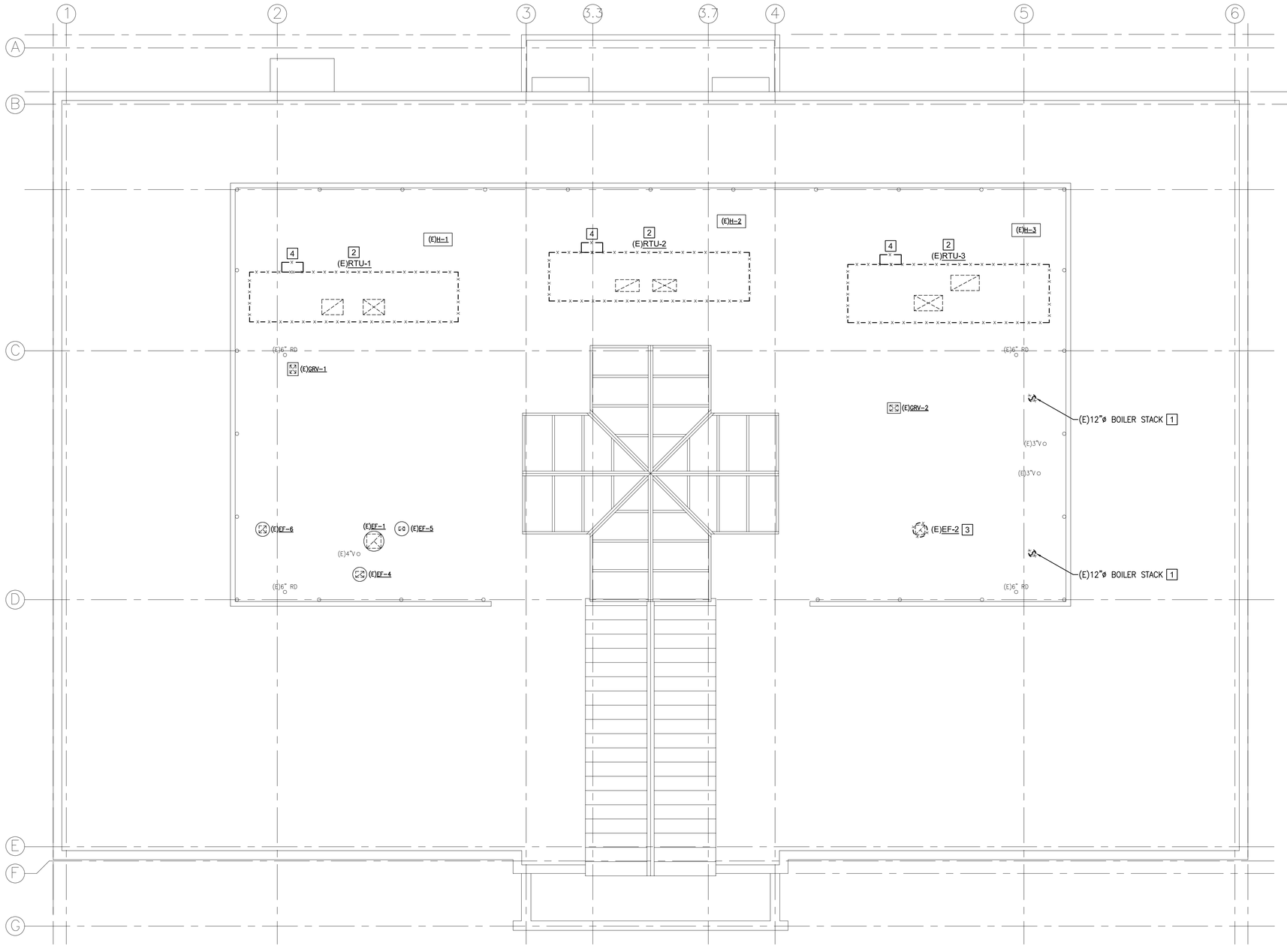
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT MECHANICAL DEMOLITION PLAN - THIRD FLOOR

CONTRACT: 2023.10

SHEET NUMBER: MD-3



DEMOLITION KEYED NOTES

1. REMOVE EXISTING STACK COMPLETE WITH SUPPORTS AND GUY WIRES. PHASE THE REMOVAL TO MAINTAIN ONE BOILER IN OPERATION AT ALL TIMES.
2. REMOVE EXISTING ROOFTOP UNIT COMPLETE. EXISTING CURB TO REMAIN FOR RE-USE.
3. REMOVE EXISTING EXHAUST FAN COMPLETE. EXISTING CURB TO REMAIN FOR RE-USE.
4. COORDINATE WITH DIVISION 26 FOR REMOVAL OF EXISTING SMOKE DETECTOR AND ASSOCIATED CONTROL / JUNCTION BOX CURRENTLY MOUNTED ON THE EXISTING AHU WITH PROBE EXTENDING INTO THE RETURN FAN SECTION.

TRUE NORTH
PLAN NORTH

A1 — MECHANICAL DEMOLITION PLAN - ROOF LEVEL

1/8" = 1'-0"

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.

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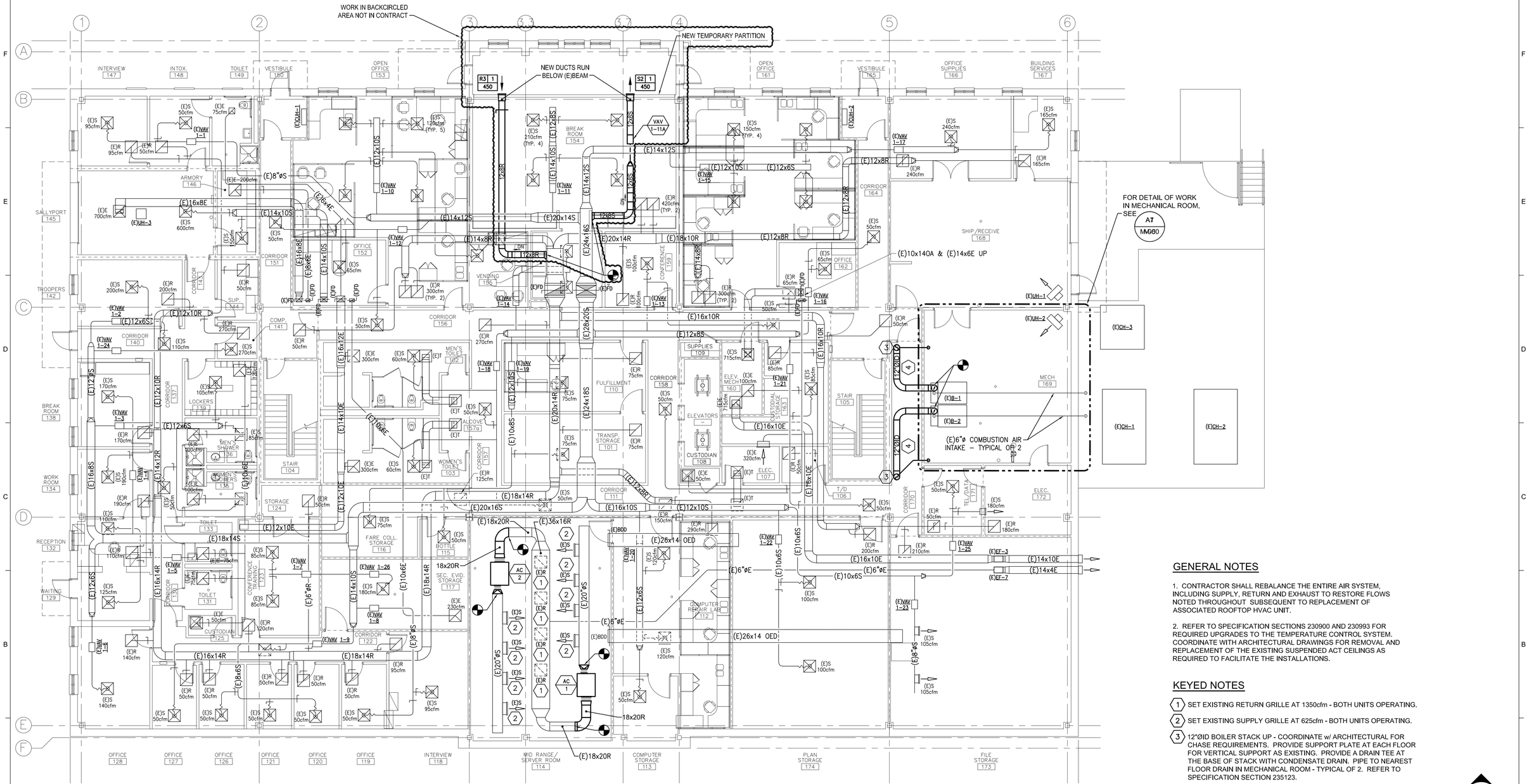
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL DEMOLITION PLAN
- ROOF LEVEL

SHEET NUMBER: MD-4

CONTRACT: 2023.10



GENERAL NOTES

1. CONTRACTOR SHALL REBALANCE THE ENTIRE AIR SYSTEM, INCLUDING SUPPLY, RETURN AND EXHAUST TO RESTORE FLOWS NOTED THROUGHOUT SUBSEQUENT TO REPLACEMENT OF ASSOCIATED ROOFTOP HVAC UNIT.

2. REFER TO SPECIFICATION SECTIONS 230900 AND 230993 FOR REQUIRED UPGRADES TO THE TEMPERATURE CONTROL SYSTEM. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR REMOVAL AND REPLACEMENT OF THE EXISTING SUSPENDED ACT CEILINGS AS REQUIRED TO FACILITATE THE INSTALLATIONS.

KEYED NOTES

1. SET EXISTING RETURN GRILLE AT 1350cfm - BOTH UNITS OPERATING.
2. SET EXISTING SUPPLY GRILLE AT 625cfm - BOTH UNITS OPERATING.
3. 12"ØID BOILER STACK UP - COORDINATE w/ ARCHITECTURAL FOR CHASE REQUIREMENTS. PROVIDE SUPPORT PLATE AT EACH FLOOR FOR VERTICAL SUPPORT AS EXISTING. PROVIDE A DRAIN TEE AT THE BASE OF STACK WITH CONDENSATE DRAIN. PIPE TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM - TYPICAL OF 2. REFER TO SPECIFICATION SECTION 235123.
4. PITCH HORIZONTAL BREECHING 1/4" PER FOOT BACK TO BOILERS, MINIMUM.

TRUE NORTH
PLAN NORTH

A1	MECHANICAL PLAN - FIRST FLOOR
1/8" = 1'-0"	

Scale: AS NOTED

Designed by:

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MAINE TURNPIKE

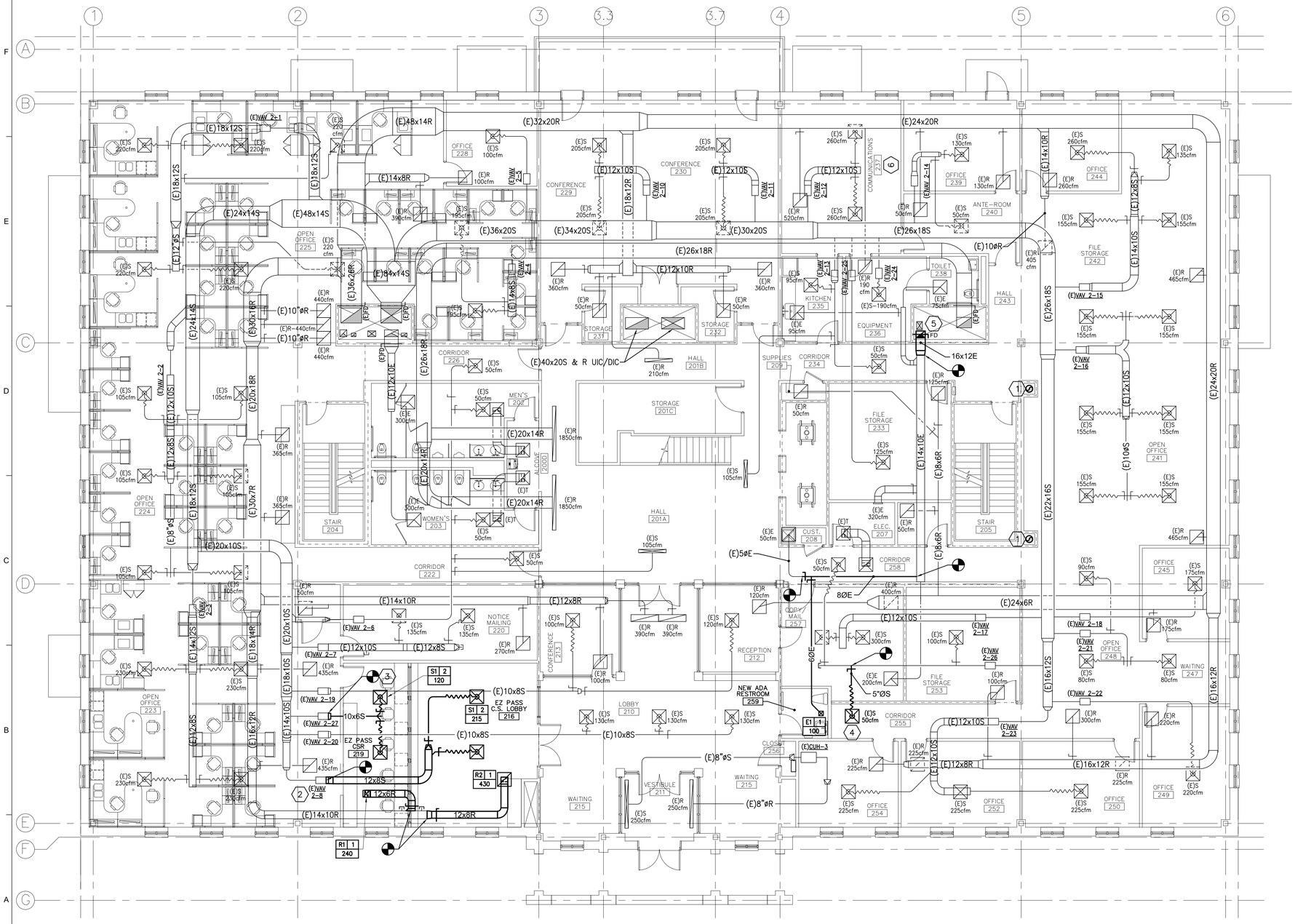
MTA PROJECT MANAGER: JACQUELINE HANSEN

THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT MECHANICAL PLAN - FIRST FLOOR

CONTRACT: 2023.10

SHEET NUMBER: MH-1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16x12E
5"ØS
OFFICE 228
CONFERENCE 229
CONFERENCE 230
COMMUNICATIONS 232
OFFICE 239
ANTE-ROOM 240
OFFICE 244
FILE STORAGE 242
OPEN OFFICE 225
STORAGE 231
STORAGE 232
KITCHEN 235
TOILET 238
EQUIPMENT 236
HALL 243
CORRIDOR 226
HALL 201B
SUPPLIES 209
CORRIDOR 234
MEN'S 202
STORAGE 201C
FILE STORAGE 233
OPEN OFFICE 241
OPEN OFFICE 224
STAIR 204
ALCOVE 2000
WOMEN'S 203
HALL 201A
ELEC. 207
CUST. 208
STAIR 205
CORRIDOR 258
OFFICE 245
CORRIDOR 222
NOTICE MAILING 220
CONFERENCE 213
DEPT MAIL 257
RECEPTION 212
OPEN OFFICE 248
WAITING 247
OPEN OFFICE 223
LOBBY 210
NEW ADA RESTROOM 259
FILE STORAGE 253
CORRIDOR 255
VESTIBULE 211
WAITING 215
CLOSET 256
OFFICE 254
OFFICE 252
OFFICE 250
OFFICE 249
EZ PASS C.S. LOBBY 216
EZ PASS CSR 219
S1 2 120
S1 2 215
R2 1 430
R1 1 240
E1 1 100
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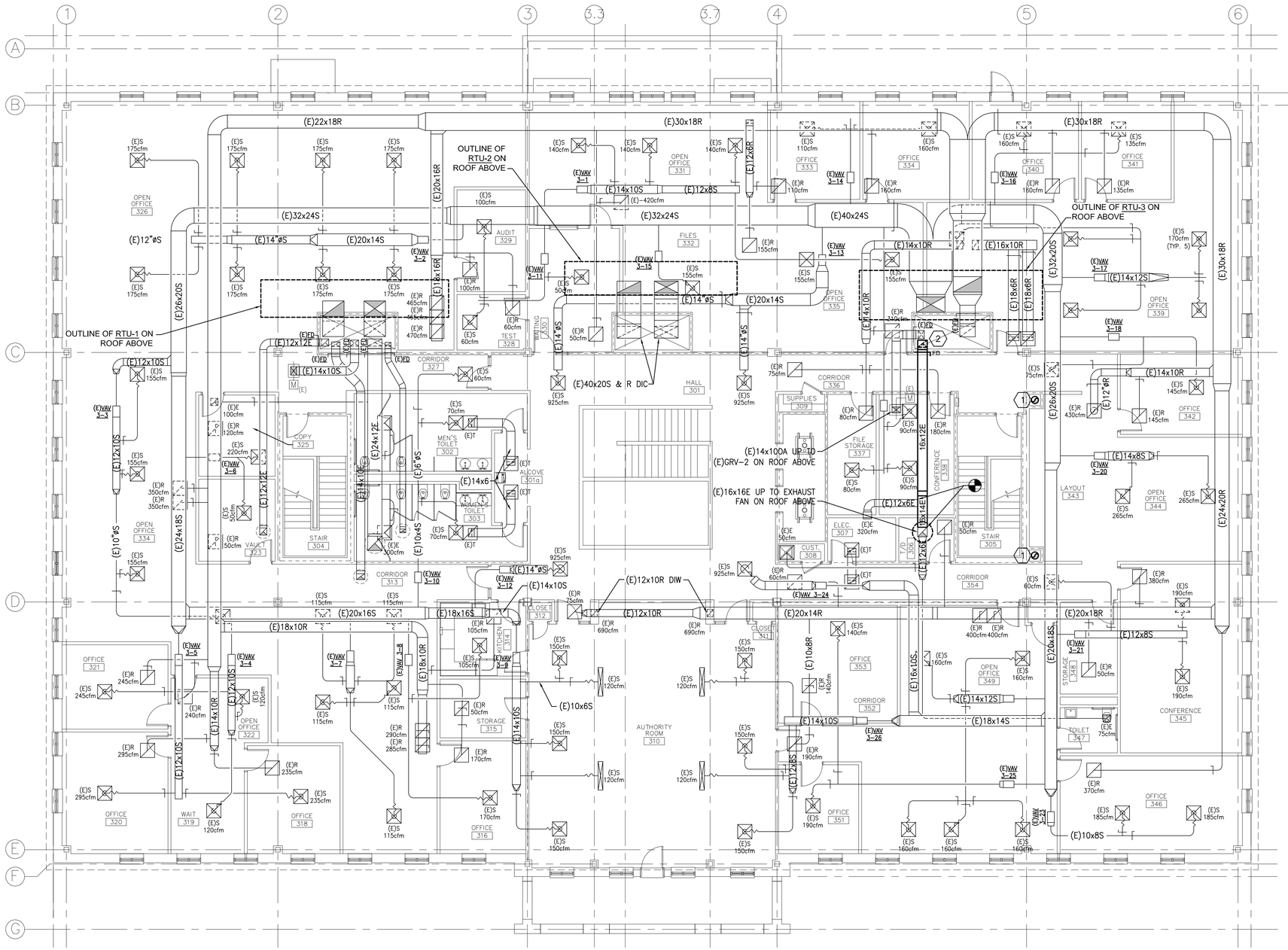

GENERAL NOTES

1. CONTRACTOR SHALL REBALANCE THE ENTIRE AIR SYSTEM, INCLUDING SUPPLY, RETURN AND EXHAUST TO RESTORE FLOWS NOTED THROUGHOUT SUBSEQUENT TO REPLACEMENT OF ASSOCIATED ROOFTOP HVAC UNIT.

2. REFER TO SPECIFICATION SECTIONS 230900 AND 230993 FOR REQUIRED UPGRADES TO THE TEMPERATURE CONTROL SYSTEM. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR REMOVAL AND REPLACEMENT OF THE EXISTING SUSPENDED ACT CEILINGS AS REQUIRED TO FACILITATE THE INSTALLATIONS.

KEYED NOTES

1. 12"ØID BOILER STACK UP IN CHASE / DOWN IN CHASE. COORDINATE w/ ARCHITECTURAL DRAWINGS FOR CHASE REQUIREMENTS. PROVIDE SUPPORT PLATE AT EACH FLOOR FOR VERTICAL SUPPORT AS EXISTING - TYPICAL OF 2.
2. NEW 16x12 EXHAUST DUCT UP IN CHASE FROM FLOOR BELOW. PROVIDE NEW FIRE DAMPER AT EXISTING CHASE WALL.

PLAN NORTH

A1 — MECHANICAL PLAN - THIRD FLOOR

1/8" = 1'-0"

Scale: AS NOTED

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AEI PROJECT No.: 22095

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THE GOLD STAR MEMORIAL HIGHWAY

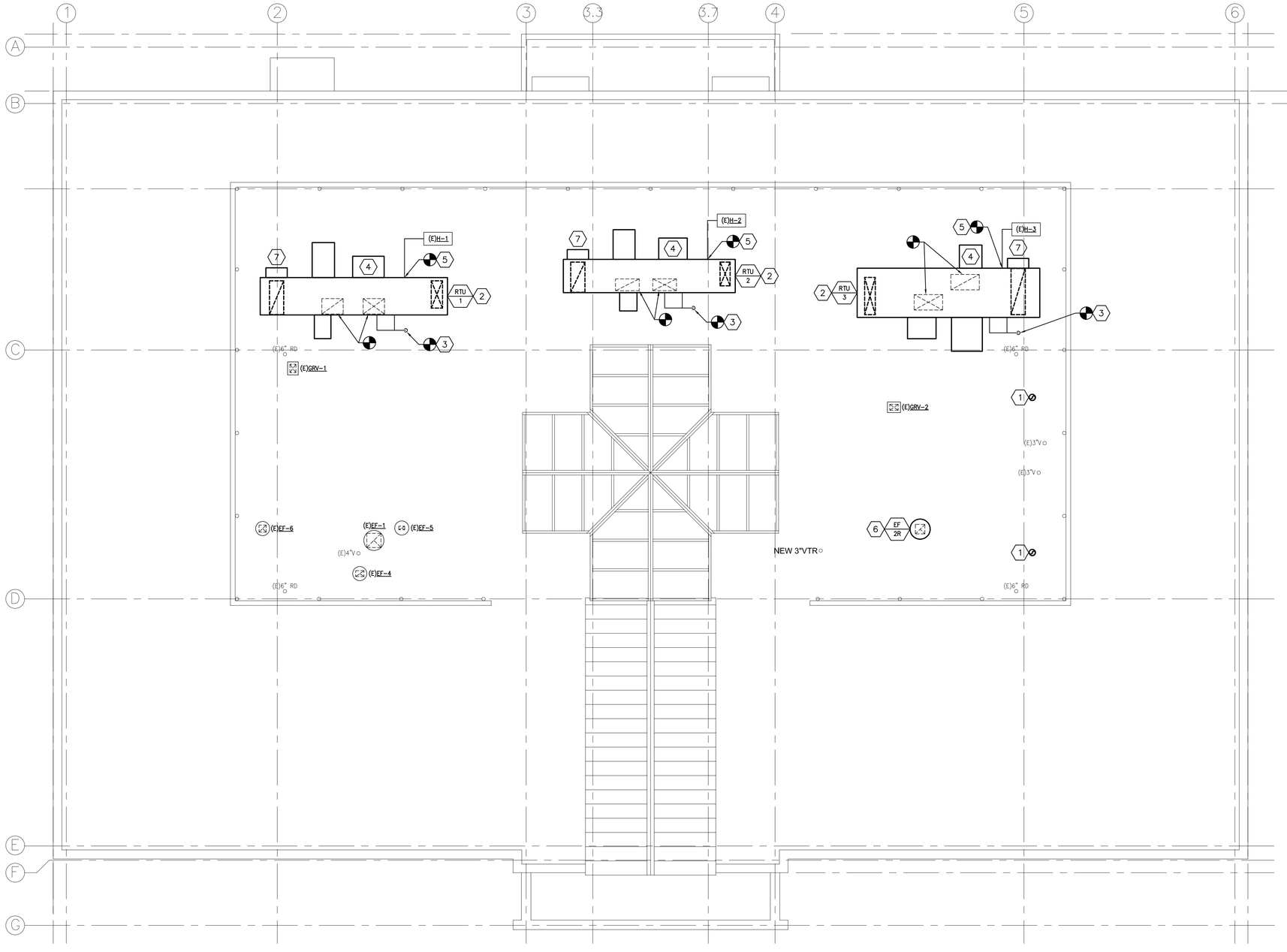
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT MECHANICAL PLAN - THIRD FLOOR

CONTRACT: 2023.10

SHEET NUMBER: MH-3

40 OF 70



KEYED NOTES

1. 12"ØID BOILER STACK - EXTEND TO 10'-0" ABOVE ROOF. SUPPORT USING EXISTING GUY WIRES AND NEW SUPPORT PLATES. PROVIDE RAIN CAP BY STACK MANUFACTURER. COORDINATE w/ DIVISION 7 FOR ROOF FLASHING REQUIREMENTS. SEE SPECIFICATION SECTION 235123.
2. NEW ROOFTOP HVAC UNIT SHALL BE PLACED ON EXISTING EQUIPMENT CURB. COORDINATE AS REQUIRED FOR CUSTOM CABINET SIZING TO FACILITATE THE INSTALLATION. PROVIDE DUCT TRANSITIONS FOR CONNECTION TO EXISTING VERTICAL DUCTS AS REQUIRED. MODIFY / EXTEND EXISTING HWS AND HWR / EXISTING CHWS AND CHWR PIPING FOR CONNECTION TO NEW COILS. REVISE EXISTING HUMIDIFIER PIPING AS REQUIRED TO FACILITATE THE RTU REPLACEMENT SCOPE. PRIOR TO ORDERING THE NEW EQUIPMENT, THE CONTRACTOR SHALL FIELD VERIFY ALL PIPING AND DUCT CONNECTIONS REQUIREMENTS FOR EACH UNIT.
3. CONNECT NEW CONDENSATE AND HUMIDIFIER DRAIN PIPING TO EXISTING CONDENSATE RISER.
4. CONNECT EXISTING HWS / HWR & CHWS / CHWR PIPING TO NEW COILS INSIDE OF PIPE ENCLOSURE CHASE.
5. CONNECT EXISTING STEAM DISTRIBUTION PIPE TO NEW HUMIDIFIER DISTRIBUTION MANIFOLD IN RTU.
6. MOUNT NEW EXHAUST FAN ON EXISTING CURB.
7. COORDINATE WITH DIVISION 26 FOR MOUNTING EXISTING SMOKE DETECTOR IN RETURN PLENUM OF NEW UNIT.

TRUE NORTH
PLAN NORTH

A1 — MECHANICAL PLAN - ROOF LEVEL

1/8" = 1'-0"

Scale: AS NOTED

Designed by:

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Allied Engineering
Structural Mechanical Electrical Plumbing
160 Veranda Street
Portland, Maine 04103
P: 207.221.2260
F: 207.221.2266
Web:www.allied-eng.com

AEI PROJECT No.: 22095

MAINE TURNPIKE

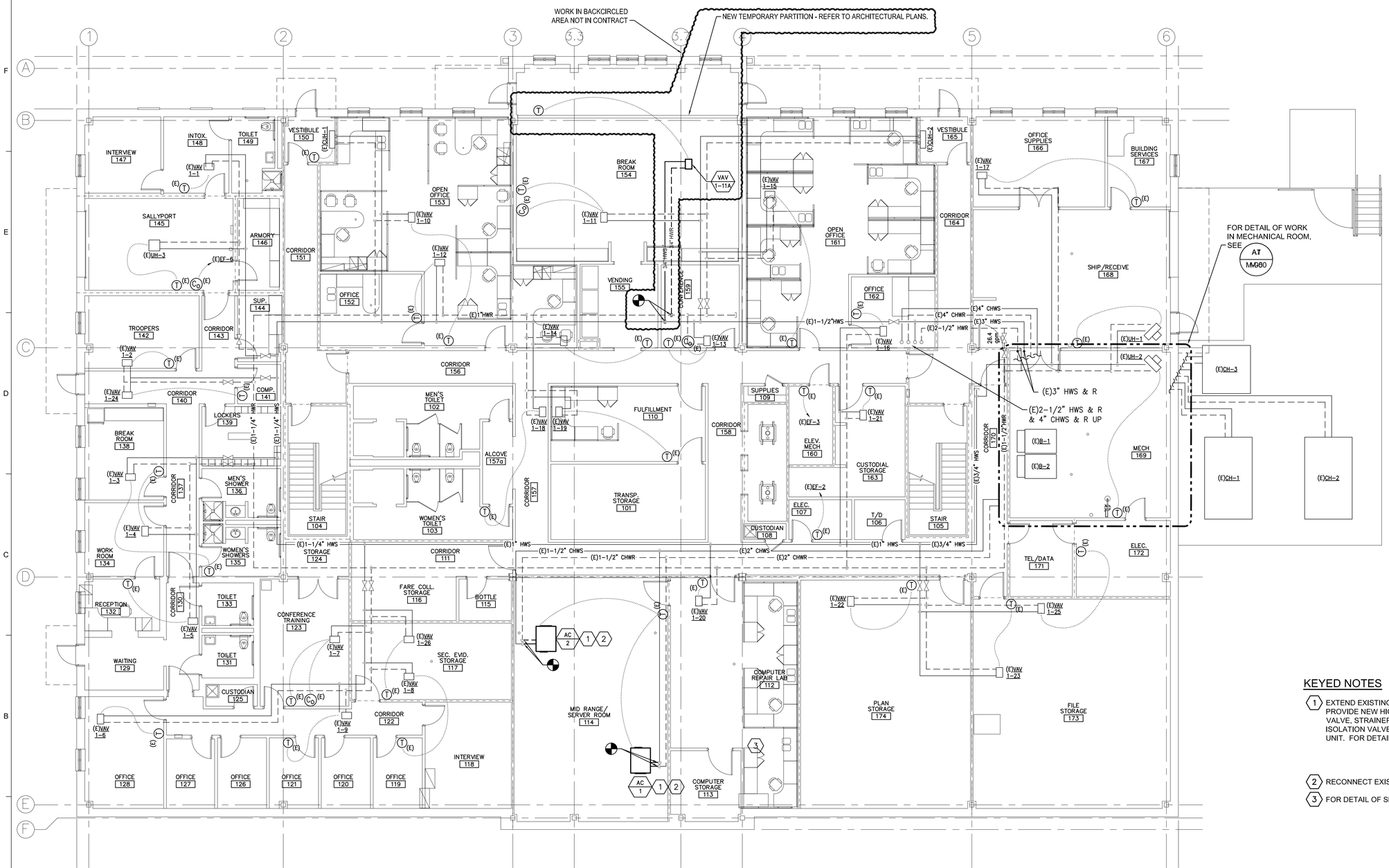
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT MECHANICAL PLAN - ROOF LEVEL

CONTRACT: 2023.10

SHEET NUMBER: MH-4



KEYED NOTES

1. EXTEND EXISTING CHWS / CHWR PIPING TO NEW UNIT AND PROVIDE NEW HIGH POINT VENTS, LOW POINT DRAINS, BALANCE VALVE, STRAINER, 2-WAY AUTOMATIC CONTROL VALVE AND ISOLATION VALVES. SET CHILLED WATER FLOW AT 5gpm FOR EACH UNIT. FOR DETAIL, SEE E7 / M-5
2. RECONNECT EXISTING 1/2" CW AT EACH UNIT FOR HUMIDIFIER.
3. FOR DETAIL OF SNOW MELT PIPING IN THIS AREA, SEE A1 / M-5

PLAN NORTH

A1 MECHANICAL PIPING PLAN - FIRST FLOOR

1/8" = 1'-0"

Scale: AS NOTED

Designed by: ANTHONY S. DAVIS, P.E.

STATE OF MAINE ANTHONY S. DAVIS No. 8834 LICENSED PROFESSIONAL ENGINEER

No.	Revision	By	Date
-	-	-	-

CONSULTANT PROJECT MANAGER:

	By	Date		By	Date
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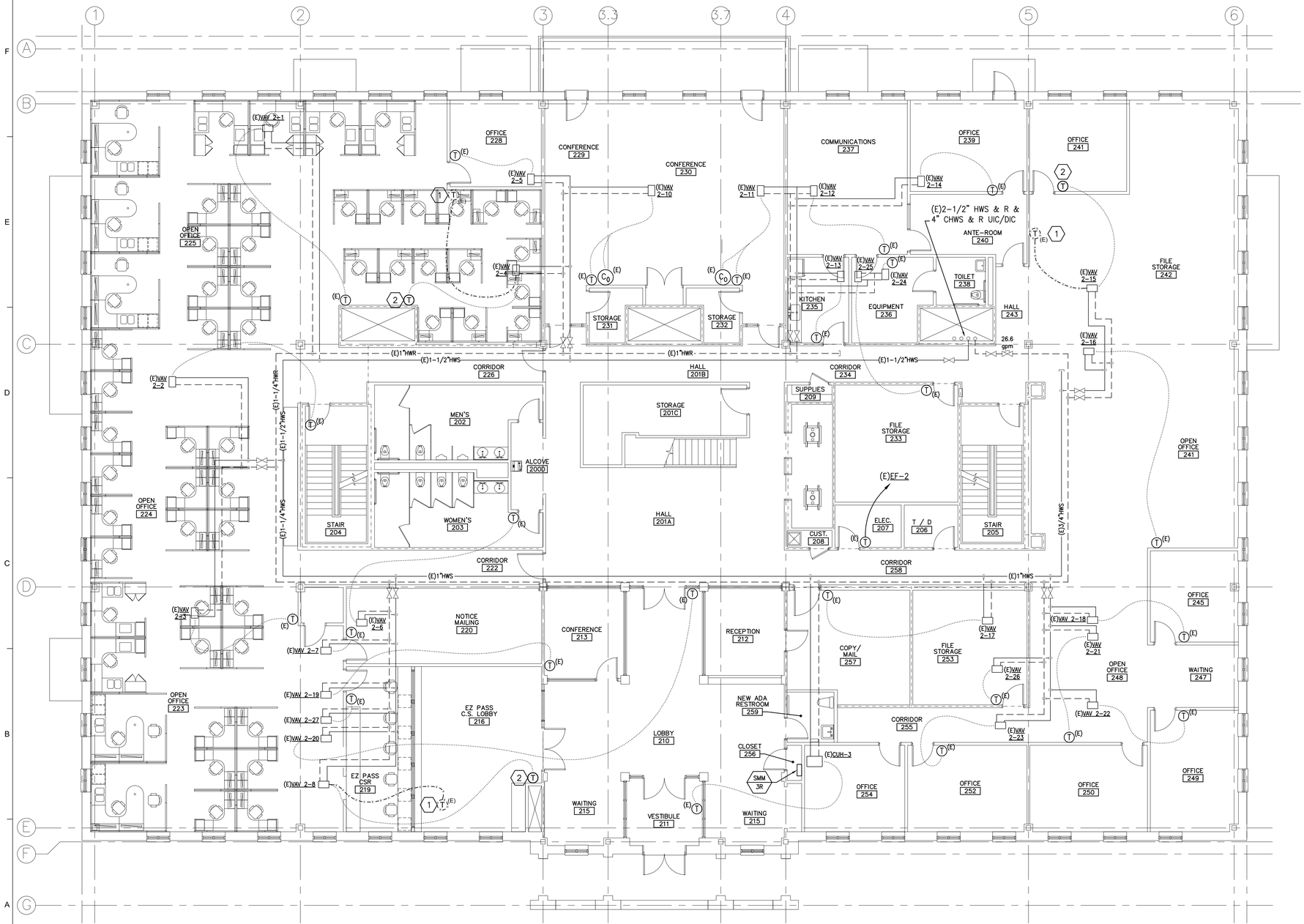
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT MECHANICAL PIPING PLAN - FIRST FLOOR

SHEET NUMBER: MP-1

CONTRACT: 2023.10



KEYED NOTES

1. EXISTING TEMPERATURE SENSOR TO BE REMOVED / RELOCATED.
2. RELOCATED TEMPERATURE SENSOR.

PLAN NORTH

A1	MECHANICAL PIPING PLAN - SECOND FLOOR
1/8" = 1'-0"	

Scale: AS NOTED

Designed by: ANTHONY S. DAVIS, P.E.

STATE OF MAINE — ANTHONY S. DAVIS No. 8834 — LICENSED PROFESSIONAL ENGINEER

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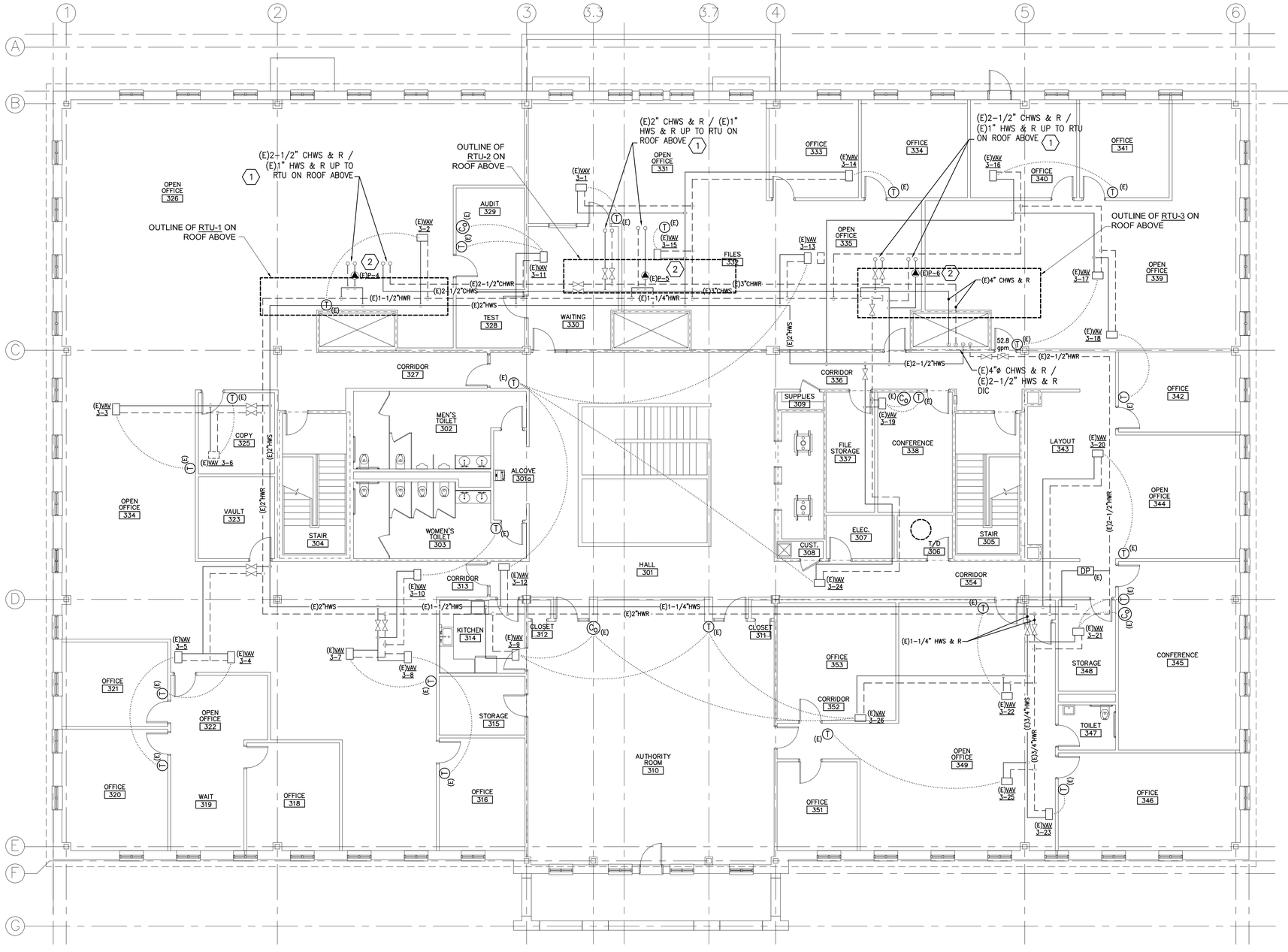
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT MECHANICAL PIPING PLAN - SECOND FLOOR

CONTRACT: 2023.10

SHEET NUMBER: MP-2



KEYED NOTES

1. REVISE / EXTEND EXISTING HWS & HWR AND EXISTING CHWS & CHWR PIPING AS REQUIRED FOR CONNECTION TO NEW COILS. EXISTING CONTROL VALVES AND SPECIALTIES TO REMAIN.
2. EXISTING COIL ANTI-FREEZE PUMP TO REMAIN. REFER TO SPECIFICATION SECTION 230993 FOR SEQUENCE OF OPERATION.

TRUE NORTH
PLAN NORTH

A1	MECHANICAL PIPING PLAN - THIRD FLOOR
1/8" = 1'-0"	

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.

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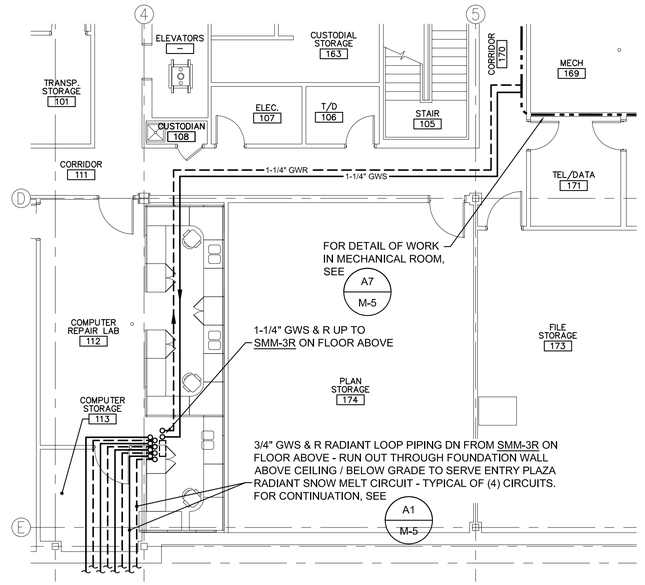
MTA PROJECT MANAGER: JACQUELINE HANSEN

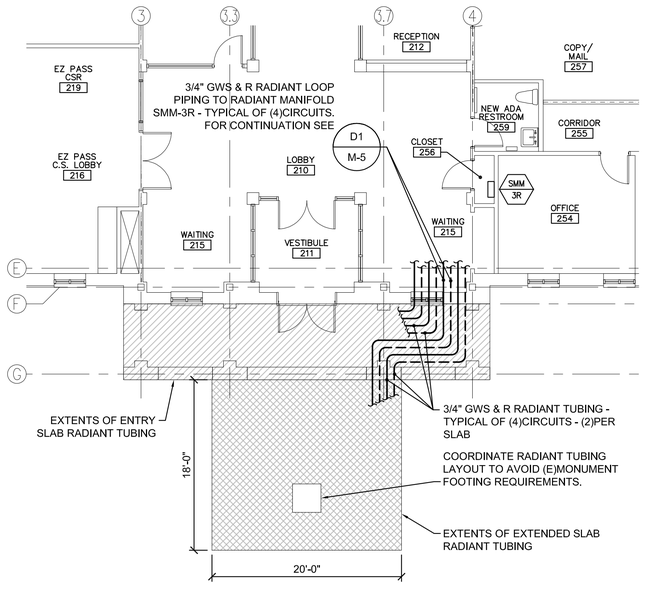
MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT MECHANICAL PIPING PLAN - THIRD FLOOR

CONTRACT: 2023.10

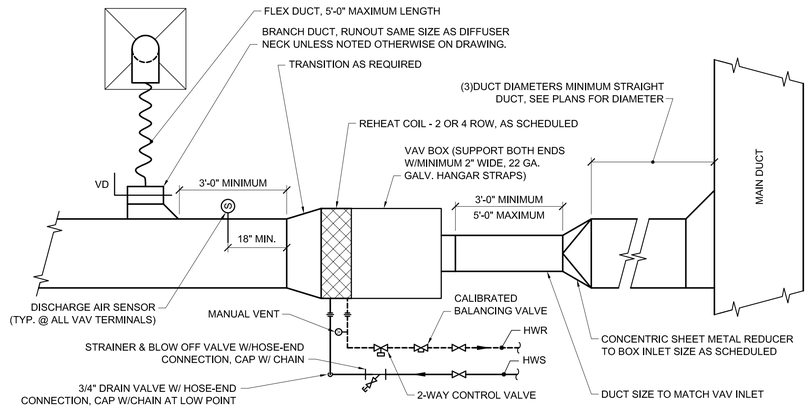
SHEET NUMBER: MP-3



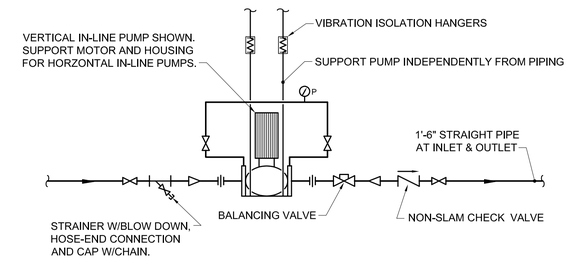
D1	SNOW MELT PIPING PART PLAN - FIRST FLOOR
1/8" = 1'-0"	



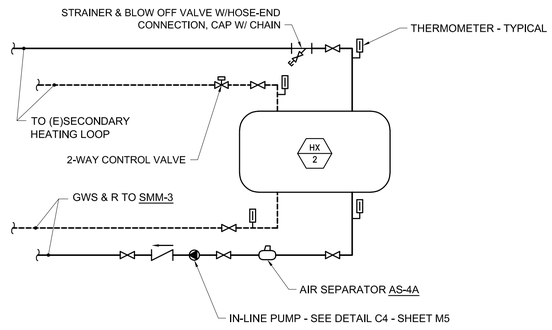
A1	SNOW MELT PIPING PART PLAN - SECOND FLOOR
1/8" = 1'-0"	



E4	VAV BOX PIPING DETAIL
NOT TO SCALE	



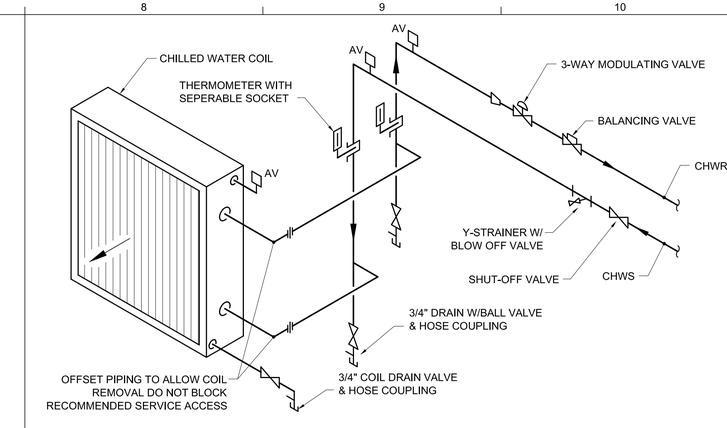
C4	VERTICAL IN-LINE PUMP PIPING DETAIL
NOT TO SCALE	



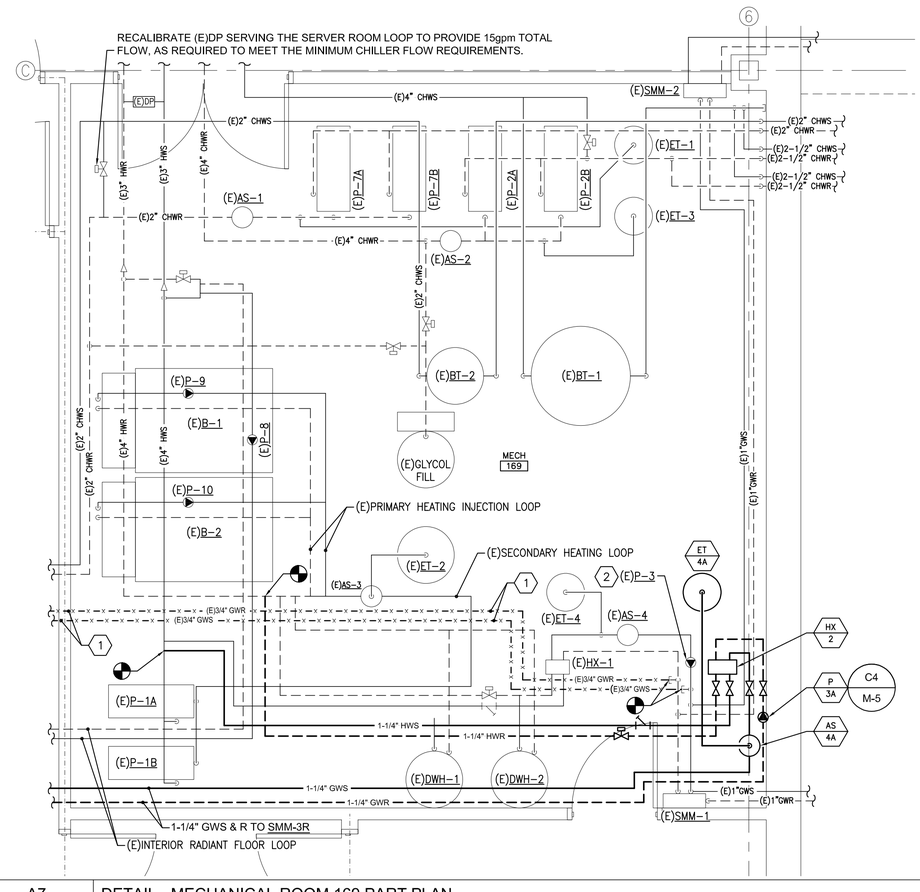
B4	HEAT EXCHANGER PIPING DETAIL
NOT TO SCALE	

1. REMOVE EXISTING 3/4" GWS & R SERVING (E)SMM-3 COMPLETE. CAP AT EXISTING GWS & R MAINS.
2. RE-BALANCE EXISTING PUMP TO SERVE EXISTING SMM-1 AND SMM-2 ONLY - EXISTING SMM-3 TO BE REMOVED.

A4	KEYED NOTES
NONE	



E8	CHILLED WATER COIL PIPING DETAIL
NOT TO SCALE	



A7	DETAIL - MECHANICAL ROOM 169 PART PLAN
3/8" = 1'-0"	

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.

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AEI PROJECT No.: 22095

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT MECHANICAL PART PLANS AND DETAILS

SHEET NUMBER: M-5

CONTRACT: 2023.10

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	BRANCH SIZES				NOTES
		CW	HW	VENT	WASTE	
WC-1	WATER CLOSET-FLUSH VALVE, FLOOR MOUNT	1"	-----	2"	3"	
U-1	URINAL	3/4"	-----	1-1/2"	2"	
P-1	LAVATORY, WALL HUNG	1/2"	1/2"	1-1/2"	1-1/2"	
P-2	SINGLE BOWL SINK-UNDERMOUNT	1/2"	1/2"	1-1/2"	1-1/2"	
P-3	DOUBE BOWL SINK-UNDERMOUNT	1/2"	1/2"	1-1/2"	1-1/2"	
FD-1	LIGHT DUTY FLOOR DRAIN	1/2"	-----	1-1/2"	2"	

AIR SEPARATION / EXPANSION TANK SCHEDULE

SYSTEM	PRIMARY HEATING
AIR-DIRT SEPARATOR	**AS-4A**
MANUFACTURER	TACO
MODEL	4902 ADMT-125
TYPE	AIR AND DIRT SEPARATOR
INLET/OUTLET	2"
BLADDER-TYPE EXPANSION TANK	**ET-4A**
MANUFACTURER	TACO
MODEL	CA-90-125
SYSTEM HEIGHT, FT	15
STATIC PRESSURE AT TANK, PSI.	6.5
PSI REQ'D. AT HIGHEST SYS POINT	5
TANK PRE-CHARGE PRESSURE	11.5
TANK DIAMETER	20
TANK HEIGHT	29 1/8"
ACCEPTANCE VOLUME	23
WATERLOGGED WEIGHT (LBS.)	312
ASME PRESSURE RATING	125

BRAZED PLATE HEAT EXCHANGER SCHEDULE

TAG	MFR-MODEL	TYPE	SOURCE FLUID					HEATED FLUID					
			GPM	FLUID	E.W.T. DEG F	L.W.T. DEG F	P.D. (PSI)	GPM	FLUID	E.W.T. DEG F	L.W.T. DEG F	P.D. (PSI)	MBH
HX-2	HEXONIC - LB60-50H-1"-UM	PLATE	10	WATER	140	120	3.6	8.6	40% P.G.	112	137	3.6	99

NOTES:
1. Dimensions: 4.84"w x 21.8"h x 5.02"d, 1" connections

HYDRONIC PUMP SCHEDULE

TAG	SYSTEM	MFR.	MODEL	SUCT X DISCH	TYPE	PUMPED FLUID	PERFORMANCE				ELECTRICAL COORDINATION			NOTES
							GPM	HEAD	MOTOR	VOLTS/PH (60 Hz.)	STARTER TYPE	STARTER FURN. BY	DISC. SWITCH FURN BY	
P-3A	SNOW MELT	TACO	0026e	1 1/4" X 1 1/4"	ECM	40% PG	10	25	120 W	120/1	NA	------	DIV 26	

NOTES:

REGISTERS - GRILLES - DIFFUSERS (RGD) SCHEDULE

TAG	MFR.	MODEL	TYPE	NECK SIZE	FACE SIZE	MAX CFM	MAX TOTAL P.D. (IN.W.C.)	MAX NC LEVEL	BLOW	NOTES
S-1	PRICE	SMDA	SQ. CEILING SUPPLY DIFFUSER, ADJUSTABLE	9 X 9 / 8" DIA	24" X 24"	215	0.09"	20		ROUND NECK ADAPTER
S-2	PRICE	520	STEEL DOUBLE DEFLECTION SUPPLY DIFFUSER	12" X 10"	13.75" X 11.75"	500	0.10"	26	ADJUSTABLE	
R-1	PRICE	530	STEEL RETURN, 3/4" SPACING, 45 DEG VANES	12" X 12"	13.75" X 13.75"	220	0.05"	20	----------	
R-2	PRICE	530	STEEL RETURN, 3/4" SPACING, 45 DEG VANES	22" X 22"	23.75" X 23.75"	900	0.05"	20	----------	
R-3	PRICE	530	STEEL RETURN, 3/4" SPACING, 45 DEG VANES	16" X 10"	17.75" X 11.75"	450	0.07"	24	----------	
E-1	PRICE	530	STEEL EXHAUST, 3/4" SPACING, 45 DEG VANES	8" X 8"	9.75" X 9.75"	100	0.05"	20	----------	

FAN SCHEDULE

TAG	SERVES	MFR.	MODEL	TYPE	DRIVE	CFM	SP (IN. WC.)	ELECTRICAL						MAX SONES	WEIGHT (LBS.)	DAMPER	NOTES
								MOTOR BHP	MOTOR HP	MOTOR TYPE	STARTER / CONTROLLER TYPE	DISC. SWITCH FURN BY	VOLTS / PH				
EF-2R	ELEC ROOMS/BATHROOM	GREENHECK	CUE-160-VG	ROOF UPBLAST	DIRECT	1,755	.75"	0.37	0.50	ECM	ECM - FAN MFR	FAN MFR	120/1/60	10.8	76	MOD	

RADIANT SNOW MELT - CIRCUIT SCHEDULE (Based on WATTS)

MANIFOLD ZONE	AREA SERVED	CONSTRUCTION	APPROX. AREA (SF)	PANEL HEAT LOAD (MBH)	CIRCUIT QTY	APPROXIMATE CIRCUIT LENGTH (ft)	FLOW RATE (GPM) Ea.Circuit /Total	SUPPLY TEMP (°F)	TEMP DROP (°F)	AVE. SURFACE TEMP(°F)	HEAD (FT)	FLUID	TUBE SPACING (in)	TUBING
SMM-3R	SNOW MELT AT ENTRY (REPLACES EXISTING SYSTEM)	6" CONC SLAB	360	54	2	285	2.4/ 4.8	137	25	45	9.9	40% P.G.	9	3/4" RADIANT PEX+
SMM-3R	SNOW MELT AT EXTENDED SLAB AREA	6" CONC SLAB	290	43	2	250	1.9/3.8	137	25	45	9.9	40% P.G.	9	3/4" RADIANT PEX+

NOTES:
1. CIRCUIT LENGTHS ARE APPROXIMATE; SUPPLIER SHALL COORDINATE AND CONFIRM REQUIRED LENGTHS.

NOT IN CONTRACT

VAV BOX AIR TERMINAL SCHEDULE

TAG	SERVES	INLET SIZE	MAX. COOL CFM	MIN. COOL CFM	HEAT CFM	MAX RAD. NC	MAX DISCH. NC	APD AT MAX. CFM	COIL HEAT MBH	GPM	MAX WPD, FT HD.	EWT	DT	LWT	EAT	LAT
VAV-1-11A	TEMP EZ PASS	8	450	200	300	25	27	0.2"	8.7	0.9	5.0'	140	20	120	65	91

NOTES:
1. BASIS OF DESIGN MFR.: TRANE MODEL VCWF
2. FLUID: WATER

ROOF TOP AIR HANDLING UNIT SCHEDULE

		RTU-1	RTU-2	AHU-3
GENERAL	UNIT NO.			
	LOCATION	ROOF	ROOF	ROOF
	MANUFACTURER	YORK	YORK	YORK
	MODEL	XTO 63X63	XTO-54X57	XTO-60X84
	WEIGHT, LBS	7,505		
	MOUNTING	EXISTING ROOF CURB	EXISTING ROOF CURB	EXISTING ROOF CURB
ELECTRICAL	VOLTAGE	460/3/60	460/3/60	460/3/60
	MOTOR EFFICIENCY	PREMIUM	PREMIUM	PREMIUM
	VFD FURN BY	DIV 23	DIV 23	DIV 23
	DISCONNECT SW. FURN BY	DIV 23	DIV 23	DIV 23
	SD FURN BY	EXISTING	EXISTING	EXISTING
	SD INSTALLED IN DUCT BY	NA	NA	NA
	SD WIRED TO HVAC CONTROLS BY	NA	NA	NA
	SD WIRED TO FIRE ALARM BY	NA	NA	NA
	SINGLE POINT POWER CONNECTION	YES	YES	YES
RETURN FAN	TYPE	SWSI AIRFOIL	SWSI AIRFOIL	SWSI AIRFOIL
	AIRFLOW MEASURING RING	YES	YES	YES
	AIRFLOW, cfm	9,080	7,020	12,165
	RPM	1,895	3,200	2,695
	ESP, in.wc.	1.65"	1.65"	1.5"
	TSP, in.wc.	2.69"	2.71"	2.57"
	MAX-BHP	6.6	4.99	9.26
	MOTOR HP	7.5	7.5	15
	STARTER OR VFD	VFD	VFD	YES
ECONOMIZER SECTION	RA DAMPERS	PARALLEL	PARALLEL	PARALLEL
	AIR MEASURING STATION	YES	YES	YES
FILTER SECTION				
PREFILTER	TYPE	2" MERV 8	2" MERV 8	2" MERV 8
	MIN. AREA, sf	17.30	14.70	24.00
	MAX FILTER FACE VELOCITY	525	478	507
	MODULE A.P.D. (DIRTY FILTERS)	.4"	.4"	.4"
FINAL FILTER	TYPE	4" MERV 13	4" MERV 13	4" MERV 13
	MIN. AREA, sf	17.30	14.70	24.00
	MAX FILTER FACE VELOCITY	525	478	507
	MODULE A.P.D. (DIRTY FILTERS)	.3"	.3"	.3"
HEATING COIL	EAT, deg-F.	44.6	33.7	52.6
WITH ACCESS SECTION	LAT, deg-F.	65	67.5	65.4
	TMBTUH	191	257	168
	MIN COIL AREA, sf.	18.6	14.1	25
	COIL FACE VELOCITY, FT/MIN	488	499	487
	MAX AIR PD. in. wc.	.06"	.11"	.04"
	FLUID	WATER	WATER	WATER
	EWT, deg-F	160	160	160
	LWT, deg-F	95	85	93.5
	GPM	6.0	7.0	5.2
	MAX WATER PD, ft-H2O	0.4'	1.0'	.4'
CHILLED WATER COIL	ENT. AIR, DB/WB	78.5/66	80/67	77.4/66
WITH ACCESS SECTION	LVG. AIR, DB/WB	53.9/ 53.6	53.7/53.6	53.2/53
	TMBTUH	383	289	477
	SMBTUH	269	205	326
	MIN COIL AREA, sf.	18.6	13.8	23.9
	MAX AIR PD. in. wc.	1.35"	1.36"	1.27"
	COIL FACE VELOCITY, FT/MIN	508	508	509
	FLUID	30% PG	30% PG	30% PG
	EWT, deg-F	42	42	42
	LWT, deg-F	55	55	55
	GPM	55.2	47.0	77.6
	MAX WATER PD, ft-H2O	18.0	15.4	18.5
SUPPLY FAN	TYPE	SWSI AIRFOIL	SWSI AIRFOIL	SWSI AIRFOIL
	AIRFLOW MEASURING RING	YES	YES	YES
	AIRFLOW, cfm	**9,080**	**7,020**	**12,165**
	MIN. OA CFM	2,890	3,200	2,695
	% OA	32%	46%	22%
	RPM	1,883	1,844	1,751
	ESP, in.wc.	1.6"	1.5"	1.5"
	TSP, in. wc.	5.52"	5.69"	5.66"
	MAX-BHP	11.25	9.02	15.5
	MOTOR HP	15	10	20
	STARTER OR VFD	VFD	VFD	VFD
SECTION ARRANGEMENT	BACK TO FRONT	IP, FR, EE, RF, HC, XA, CC, FS	IP, FR, EE, RF, HC, XA, CC, FS	IP, FR, EE, RF, HC, XA, CC, FS

NOTES:
IP= INLET PLENUM
FR= RETURN FAN
EE= MIXING BOX
RF= FILTER SECTION
HC= HEATING COIL
XA = ACCESS SECTION
CC= COOLKING COIL
FS= SUPPLY FAN

PRECISION AIR CONDITIONING UNIT SCHEDULE - EVAPORATOR SECTION

UNIT NO.	BASIS OF DESIGN MFR	MODEL	FLUID	TOTAL CAPACITY (BTUH)	SENSIBLE CAPACITY (BTUH)	FILTERS	EVAPORATOR FAN			EVAPORATOR COIL				HUMIDIFIER			CONNECTION SIZES			UNIT ELECTRICAL						
							CFM	FAN MOTOR HP	EXT SP (IN.W.C)	FACE AREA (SF)	COIL ROWS	MAX FACE VEL (FPM)	CHILLED WATER FLOW	CAPACITY	INPUT	CONTROL	CHWS/CHWR	EVAP DRAIN	HUMIDIFIER WATER INLET	VOLTS-PH-HZ	EVAP FAN MOTOR	ELEC HEATER	HUMIDIFIER	COND PUMP	MCA	OPD
AC-1	STULZ	OHS-060	30% PG	29,527	29,527	MERV-8	2,500	3.6	0.3	5.5	8	500	4.8	4-10 LB/HR	3.4 KW	MODULATING	1"	1/2"	1/4"	480-3-60	4.9 HP	9 KW	3.4 KW	1/5 HP	31.5	35
AC-2	STULZ	OHS-060	30% PG	29,527	29,527	MERV-8	2,500	3.6	0.3	5.5	8	500	4.8	4-10 LB/HR	3.4 KW	MODULATING	1"	1/2"	1/4"	480-3-60	4.9 HP	9 KW	3.4 KW	1/5 HP	31.5	35

A1 | MECHANICAL SCHEDULES

NONE

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.

STATE OF MAINE ANTHONY S. DAVIS No. 8834 LICENSED PROFESSIONAL ENGINEER

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AEI PROJECT No.: 22095

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL SCHEDULES

CONTRACT: 2023.10

SHEET NUMBER: M-6

GENERAL NOTES

1. THE SCOPE OF WORK FOR THE PROJECT INCLUDES MODIFYING A EXISTING WET PIPE AUTOMATIC FIRE SUPPRESSION SYSTEMS INCLUDING SYSTEM PIPING, VALVES, SPRINKLERS, HANGERS, TRIM, AND APPURTENANCES AS REQUIRED TO PROVIDE COMPLETE SPRINKLER PROTECTION, COMPLIANT WITH APPLICABLE CODES AND STANDARDS FOR A REMODELED LOBBY AND NEW BATHROOM.
2. REFER TO OTHER PROJECT DRAWINGS FOR COORDINATION PURPOSES. COORDINATE THE SPRINKLER SYSTEM INSTALLATION WITH OTHER DISCIPLINES. AVOID INTERFERENCES WITH STRUCTURAL FRAMING, DUCTWORK, PIPING, CONDUIT, AND LIGHTING FIXTURES.
3. THE FACILITY IS SEISMIC DESIGN CATEGORY B, NO SEISMIC PROTECTION REQUIRED IAW NFPA 13.
4. FIRESTOPPING MUST BE PROVIDED. LISTED AND LABELED SYSTEMS FOR PENETRATIONS OF FIRE RATED AND FIRE/SMOKE RATED ASSEMBLIES. COORDINATE WITH TRADES FOR SUPPLEMENTAL HANGERS, SUPPORTS, ACCESSORIES, OR CLEARANCES NECESSARY TO INSTALL FIRE STOPPING SYSTEMS.
5. ABOVE GROUND PIPING COMPONENTS FOR AUTOMATIC SPRINKLER SYSTEM MUST BE LISTED FOR FIRE PROTECTION USE AND MUST FULLY COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDED PRACTICES, THE STANDARDS LISTING IN APPLICABLE CODES AND STANDARDS, AND THE REQUIREMENTS AND RECOMMENDED PRACTICES OF NFPA 13.
6. COMPLY WITH CONSTRUCTION SAFETY REQUIREMENTS OF IBC, NFPA 1, NFPA 241 FOR SYSTEM OUTAGES. PROVIDE A FIRE WATCH OR OTHER MITIGATION MEASURES FOR SYSTEM IMPAIRMENTS AS REQUIRED BY NFPA 25, SECTION 15.5, AND AS APPROVED BY OWNERS REPRESENTATIVE. SUBMIT OUTAGE REQUESTS A MINIMUM OF 7 DAYS PRIOR TO OUTAGE.
7. PERFORM SYSTEM TEST AND CERTIFY TEST CONTAINING THE INFORMATION REQUIRED BY NFPA 13, CHAPTER 27 AND 28 AND NFPA 25 ANNEX B FOR COMPLETE DOCUMENTATION INCLUDING RECORD OF COMPLETION AND RECORD OF INSPECTION AND TESTING FORMS.
8. PROVIDE SPRINKLERS BELOW OBSTRUCTIONS EXCEEDING 4 FEET IN WIDTH AS REQUIRED BY NFPA 13, 8.5.5.3.

APPLICABLE CODES AND STANDARDS:

- IBC, INTERNATIONAL BUILDING CODE (AS AMENDED), 2015 EDITION
- IEBC: INTERNATIONAL EXISTING BUILDING CODE, 2015
- MUBEC, MAINE UNIFORM BUILDING AND ENERGY CODE, 2021 EDITION
- NFPA 1: FIRE PREVENTION CODE, 2018 EDITION
- NFPA 13: STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2016 EDITION
- NFPA 25: STANDARDS FOR THE INSPECTION, TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS, 2014 EDITION
- NFPA 101: LIFE SAFETY CODE, 2018 EDITION
- NFPA 170: STANDARD FOR FIRE SAFETY AND EMERGENCY SYMBOLS, 2021 EDITION
- NFPA 241: STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, 2019 EDITION

TYPICAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLER UNIT
BFG	BELOW FINISHED GRADE
BLDG	BUILDING
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER
EXIST	EXISTING
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FE	FIRE EXTINGUISHER
FSD	FIRE SMOKE DAMPER
MFR	MANUFACTURER
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
SD	SMOKE DAMPER
WP	WEATHER PROOF

LINE TYPES:

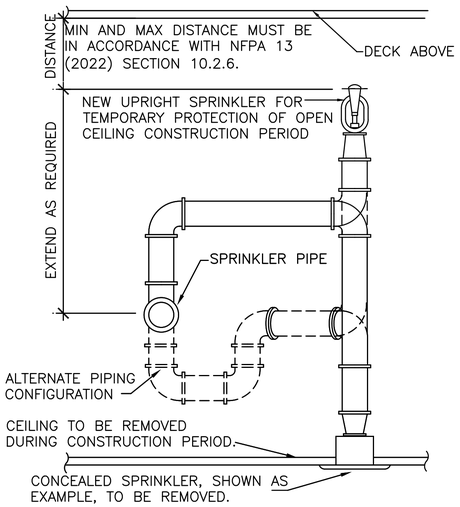
- EXISTING
- NEW
- DEMOLITION

FIRE PROTECTION LEGEND

- EXISTING PENDENT SPRINKLER HEAD TO BE REMOVED
- EXISTING PENDENT SPRINKLER HEAD TO REMAIN
- NEW WHITE RECESSED PENDENT SPRINKLER HEAD TO MATCH EXISTING QUICK RESPONSE STANDARD COVERAGE ORDINARY TEMPERATURE K-5.6 COORDINATE SPRINKLER TEMPERATURE RATING WITH HVAC LOCATIONS AND PROVIDE INTERMEDIATE TEMPERATURE WHERE WITHIN SEMI-CYLINDER OR CYLINDER WITH 2'-6" RADIUS IN DIRECTION OF FLOW EXTENDING 1'-0" BELOW AND 2'-6" ABOVE AS REQUIRED BY NFPA 13 [2016] TABLE 8.3.2.5(A)

SUBMITTALS

1. SUBMIT MANUFACTURER'S PRODUCT DATA TO OWNERS REPRESENTATIVE FOR APPROVAL.
2. SUBMIT DESIGNER AND INSTALLER QUALIFICATIONS. MAINE LICENSED SPRINKLER CONTRACTOR, RESPONSIBLE MANAGING SUPERVISOR SPRINKLER DESIGNER, OR A LICENSED FIRE PROTECTION ENGINEER, EITHER ON STAFF OR ENGAGED BY THE CONTRACTOR. SPRINKLER DESIGNER MUST BE A MINIMUM NICET LEVEL III. SPRINKLER INSTALLER MUST BE A MINIMUM NICET LEVEL II.
4. SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH NFPA 13 SECTION 23.1.3.
5. SUBMIT AS-BUILT DRAWINGS AFTER ACCEPTANCE TESTING HAS BEEN COMPLETED.
6. SUBMIT INSPECTION, TESTING, OPERATION AND MAINTENANCE DOCUMENTATION AS REQUIRED NFPA 13 AND NFPA 25. MUST INCLUDE APPLICABLE PRODUCT DATA SHEETS, MANUFACTURER'S INSTRUCTIONS, NFPA 13 CONTRACTOR'S MATERIAL, AND TEST CERTIFICATE.
7. PERFORM COMPLETE SYSTEM TEST AND CERTIFY TEST CONTAINING THE INFORMATION REQUIRED BY NFPA 13, CHAPTER 27 AND 28 AND NFPA 25 ANNEX B FOR COMPLETE DOCUMENTATION INCLUDING RECORD OF COMPLETION AND RECORD OF INSPECTION AND TESTING FORMS. ALL NEW PIPE MUST BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH NFPA 13.
8. PROVIDE THE OWNER WITH WRITTEN INFORMATION ON THE PROPER INSPECTION, TESTING AND MAINTENANCE OF THE SYSTEM.
9. A LIST OF NEW SPRINKLERS INSTALLED SHALL BE POSTED IN THE SPRINKLER CABINET, INCLUDING THE FOLLOWING:
   - 8.1 THE SPRINKLER IDENTIFICATION NUMBER (SIN) IF EQUIPPED OR THE MANUFACTURER, MODEL, ORIFICE DEFLECTOR TYPE, THERMAL SENSITIVITY, AND PRESSURE RATING.
   - 8.2 GENERAL DESCRIPTION
   - 8.3 QUANTITY OF EACH TYPE TO BE CONTAINED IN THE CABINET.
   - 8.4 ISSUE DATE OR REVISION OF THE LIST.
10. PERFORM HYDRANT FLOW TEST, IAW NFPA 291, NO MORE THAN 6 MONTHS PRIOR TO SUBMITTING HYDRAULIC CALCULATIONS.
11. SECURE AND PAY ANY FEES AND STATE AND LOCAL PERMITS PERTAINING TO THE CONTRACT.



TYPICAL SPRINKLER RELOCATION FOR TEMPORARY PROTECTION OF OPEN CEILING DURING CONSTRUCTION PERIOD

FIRE PROTECTION DURING CONSTRUCTION

TEMPORARY SPRINKLER PROTECTION IS REQUIRED IN OPEN CEILING CONSTRUCTION AREA OR UNDER ANY OTHER CONSTRUCTION SITUATION IN WHICH EXISTING CEILING SPRINKLER PROTECTION IS IMPAIRED FOR LONGER THAN AN 8 HOUR WORKDAY AS ALLOWED BY THE MAINE STATE FIRE MARSHAL'S OFFICE.

WHERE EXISTING SPRINKLERS MUST BE REMOVED OR WILL NOT PROVIDE FULL SPRINKLER PROTECTION OF THE CONSTRUCTION AREA COMPLYING WITH NFPA 13, TEMPORARY SPRINKLER PROTECTION IS REQUIRED, REWORK TO REMOVE EXISTING CONCEALED HEAD AND DROPS AND INSTALL 1" SPRIGS OFF THE SAME OUTLETS WITH NEW 1/2" K5.6 165°F UPRIGHT HEADS FOR TEMPORARY PROTECTION DURING THE CONSTRUCTION PERIOD. HYDRAULIC CALCULATIONS MUST BE BASED ON LIGHT HAZARD IN ACCORDANCE WITH NFPA 13.

COORDINATE ALL FIRE PROTECTION IMPAIRMENTS WITH OWNERS REPRESENTATIVE A MINIMUM OF 14 DAYS PRIOR TO COMMENCING WORK.

STATE OF MAINE
AARON BRUCE BUNDY
No. 16161
LICENSED PROFESSIONAL ENGINEER
2/26/24

1 FP001 TEMPORARY SPRINKLER PROTECTION DETAIL
SCALE: NTS

Scale: AS NOTED

No.	Revision	By	Date

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

	By	Date		By	Date
Designed	CDN	01/25/24	Checked	ABB	01/25/24
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MTA PROJECT MANAGER: MTA PROJ. MGR

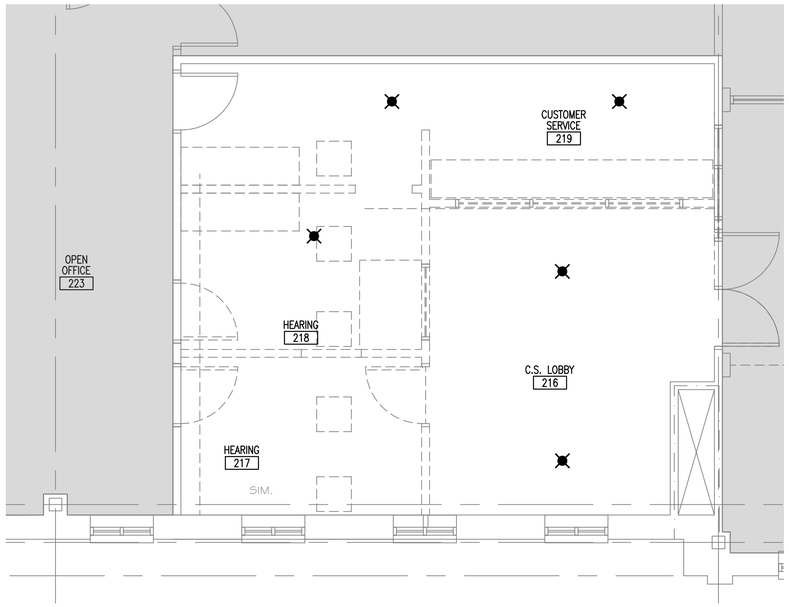
THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

FIRE PROTECTION NOTES, LEGENDS, AND DETAILS

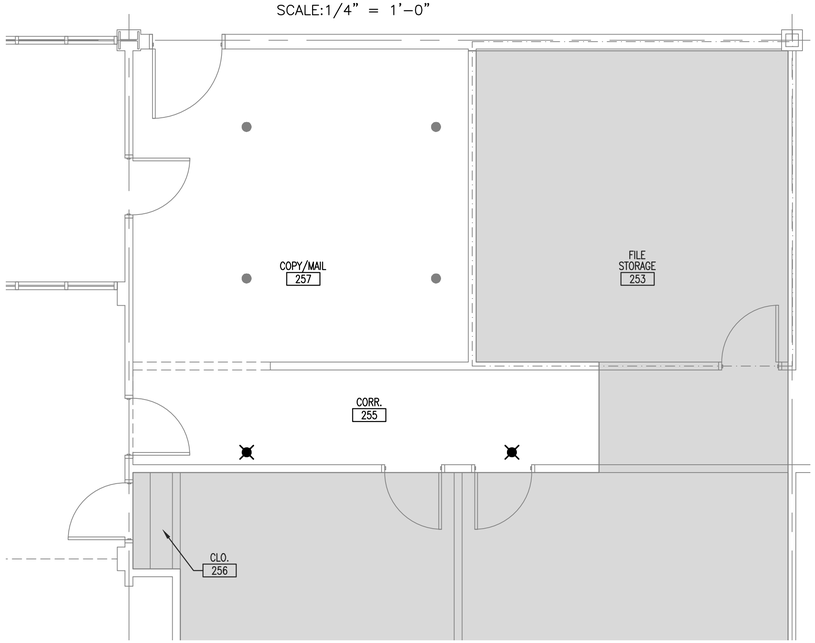
SHEET NUMBER: FP001

CONTRACT: 2023-XXX



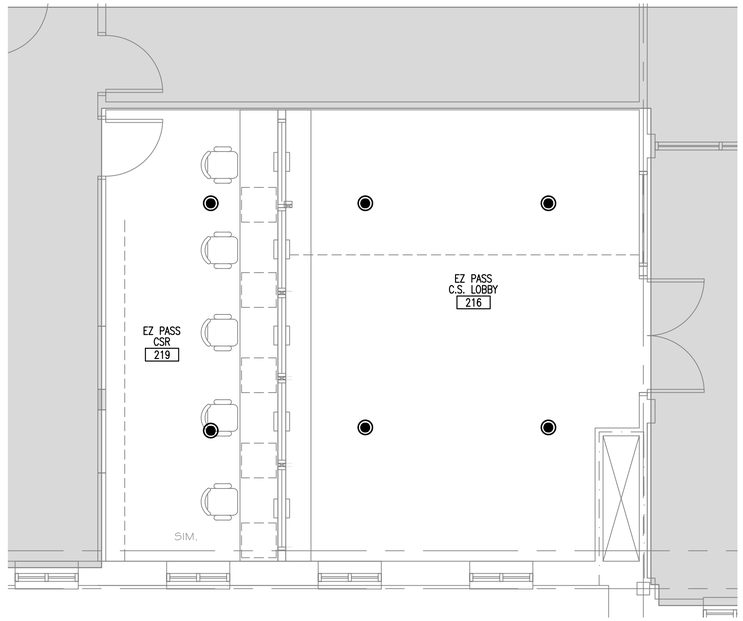
SECOND FLOOR FIRE PROTECTION DEMOLITION PART PLAN

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



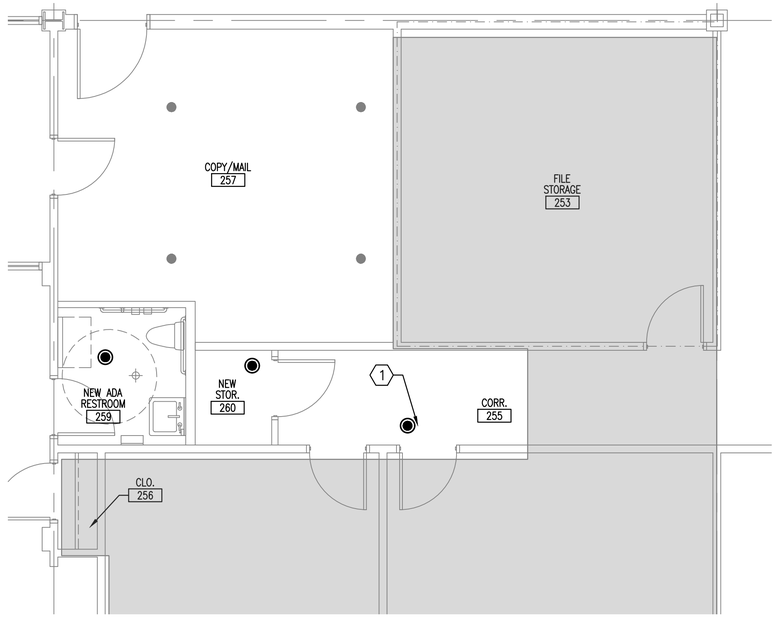
SECOND FLOOR FIRE PROTECTION DEMOLITION PART PLAN

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



SECOND FLOOR FIRE PROTECTION ROOMS 216 AND 219 PART PLAN

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



SECOND FLOOR FIRE PROTECTION ROOMS 259 AND 260 PART PLAN

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

NOTES:

1. SEE FP001 FOR NOTES, LEGENDS, AND DETAILS.
2. COORDINATE WITH OTHER TRADES FOR WORK PERFORMED.
3. PROVIDE TEMPORARY UPRIGHT SPRINKLER PROTECTION IN AREAS WHERE EXISTING ACT IS TO BE REMOVED AND REPLACED. SEE DETAIL 1 SHEET FP001

KEYED NOTES:

(1) NEW SPRINKLER HEAD TO BE LOCATED IN ACCORDANCE WITH NFPA 13 WITH COMPLIANT SPACING AND COVERAGE AT THE END OF CORRIDOR 225.

NOT IN SCOPE OF WORK

NFPA DESIGN CRITERIA
OFFICES, LOBBIES, CORRIDORS, AND BATHROOM

1. LIGHT HAZARD CLASSIFICATION:
   0.10 GPM/1,500 SF
   HOSE STREAM ALLOWANCE 100 GPM FOR 30 MINUTES
   QUICK RESPONSE REDUCTION PERMITTED IAW NFPA 13

STATE OF MAINE
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No. 16161
LICENSED PROFESSIONAL ENGINEER
2/26/24

PLAN NORTH

0 2' 4' 8'
Scale: 1/4" = 1'-0"

Scale: AS NOTED

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

SECOND FLOOR FIRE PROTECTION PART PLANS

SHEET NUMBER: FP101

CONTRACT: 2023-XXX

GENERAL NOTES

1. PROJECT SCOPE INCLUDES MODIFYING THE EXISTING ADDRESSABLE FIRE ALARM SYSTEM. PROVIDE NOTIFICATION APPLIANCES COMPLYING WITH NFPA 72, NFPA 101, MUBEC, AND LOCAL REGULATIONS IN THE AREA OF WORK. EXISTING FACP IS LOCATED IN VESTIBULE 165.
2. NEW FIRE ALARM DEVICES ARE MUST BE INSTALLED AND INTERCONNECTED WITH EXISTING ADDRESSABLE BUILDING–WIDE FIRE ALARM SYSTEM.
3. STROBES WITHIN A GIVEN AREA MUST BE SYNCHRONIZED IN ACCORDANCE WITH NFPA 72 SECTION 18.5.
4. SYSTEMS ARE SHOWN SCHEMATICALLY. DEVICE AND EQUIPMENT LOCATIONS MUST BE CONFIRMED BY THE CONTRACTOR AS BEING SUFFICIENT BOTH IN TERMS OF FUNCTIONALITY AND IN TERMS OF THE REQUIREMENTS OF THE AFOREMENTIONED DOCUMENTS. CONTRACTOR MUST PROVIDE RELAYS AND CONTRACTORS AS REQUIRED FOR A COMPLETE SYSTEM.
5. FIRE ALARM WIRING MUST BE SOLID OR STRANDED COPPER AND INSTALLED IN CONDUIT.
6. CONDUIT MUST BE RIGID METAL OR ELECTRICAL METALLIC TUBING, COLORED RED WITH A MINIMUM INSIDE DIAMETER OF 3/4 INCH THAT UTILIZES COMPRESSION TYPE FITTINGS AND COUPLINGS.
7. PROVIDE THE SERVICES OF A LICENSED AUTHORIZED TECHNICAL REPRESENTATIVE OF THE MANUFACTURER TO SELECT PROPER MATCHING COMPONENTS, TO SUPERVISE THE INSTALLATION, PLUS ADJUSTING, PROGRAMMING, AND TESTING OF THE SYSTEM REQUIRED TO ASSURE A COMPLETE AND FULLY OPERATIONAL SYSTEM.
8. COMPLY WITH IMPAIRMENT REQUIREMENTS OF IBC, NFPA 1, AND NFPA 241. PROVIDE A FIRE WATCH OR OTHER MITIGATION MEASURES FOR SYSTEM IMPAIRMENTS AS REQUIRED BY NFPA 72 SECTION 10.21 AND AS APPROVED BY THE OWNERS REPRESENTATIVE. COORDINATE WITH THE MAINE TURNPIKE AUTHORITY A MINIMUM 7 DAYS PRIOR TO EACH SYSTEM IMPAIRMENT.

APPLICABLE CODES AND STANDARDS

MUBEC: MAINE UNIFORM BUILDING AND ENERGY CODE, 2021

ICC REQUIREMENTS
- IBC: INTERNATIONAL BUILDING CODE (AS AMENDED), 2015
- IEBC: INTERNATIONAL EXISTING BUILDING CODE, 2015

NFPA REQUIREMENTS
- NFPA 1: FIRE CODE, 2018
- NFPA 70: NATIONAL ELECTRICAL CODE, 2020
- NFPA 72: NATIONAL FIRE ALARM AND SIGNALING CODE, 2019
- NFPA 101: LIFE SAFETY CODE, 2018
- NFPA 170, STANDARD FOR FIRE SAFETY AND EMERGENCY SYMBOLS, 2024
- NFPA 241: STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, 2019

FIRE ALARM LEGEND

75CD — FIRE ALARM VISIBLE ONLY (STROBE) NOTIFICATION APPLIANCE, WALL MOUNTED
INDICATES CANDELA INTENSITY

75CD — FIRE ALARM VISIBLE ONLY (STROBE) NOTIFICATION APPLIANCE, CEILING MOUNTED
INDICATES CANDELA INTENSITY

75CD — ADDRESSABLE HORN/STROBE NOTIFICATION APPLIANCE
INDICATES CANDELA INTENSITY

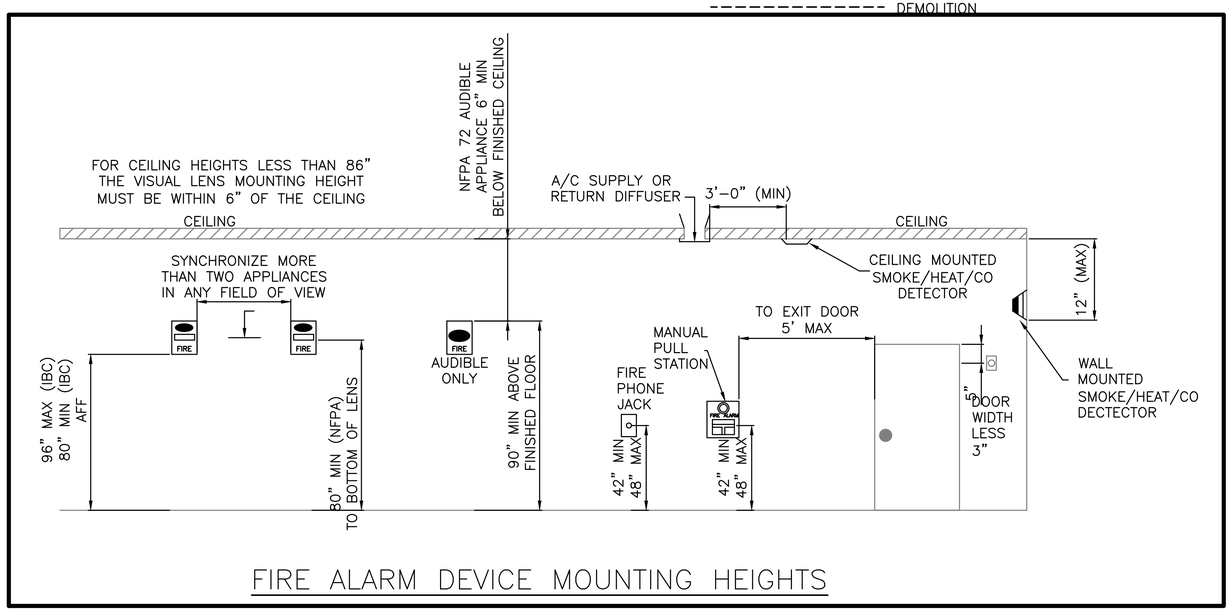
FIRE ALARM MANUAL PULL STATION

LINE TYPES:

EXISTING

NEW

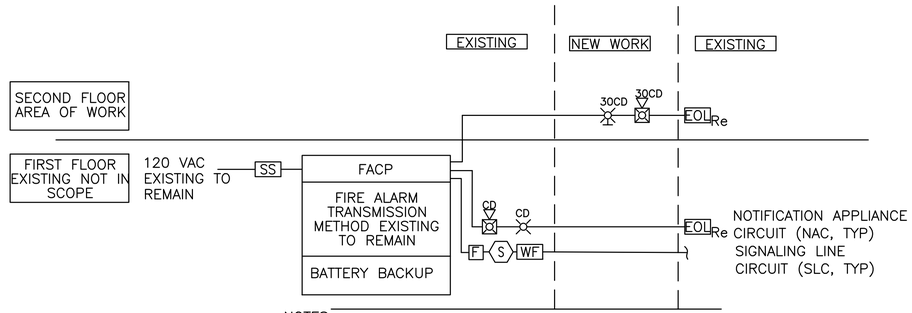
DEMOLITION



FIRE ALARM DEVICE MOUNTING HEIGHTS

SUBMITTALS:

1. SUBMIT MANUFACTURER'S PRODUCT DATA TO OWNERS REPRESENTATIVE FOR APPROVAL.
2. SUBMIT DESIGNER AND INSTALLER QUALIFICATIONS.
   2.1 A MINIMUM NICET LEVEL III FIRE ALARM TECHNICIAN OR A LICENSED FIRE PROTECTION ENGINEER, (EITHER ON STAFF OR WHO THEY WORK IN CONJUNCTION WITH) IS REQUIRED TO DEVELOP CALCULATIONS, SHOP DRAWINGS, AND PROVIDE CUT SHEETS FOR ALL PRODUCTS TO BE INSTALLED, FOR APPROVAL BY THE OWNER'S REPRESENTATIVE. THE TECHNICIAN INSTALLING THE SYSTEM MUST HAVE A MINIMUM NICET II CERTIFICATION.
3. PROVIDE REVISED CALCULATIONS TO SUBSTANTIATE USE OF EXISTING NOTIFICATION APPLIANCE CIRCUITS AND EXPANDER TO ENSURE REQUIRED SPARE CAPACITY REMAINS IAW SECTION 10.6.7.2. SUBMIT SHOP DRAWINGS AND VOLTAGE AND BATTERY CALCULATIONS IN ACCORDANCE WITH NFPA 72 CHAPTER 23 SECTIONS 7.2, 7.3, AND 7.4.
4. SUBMIT COMPLETION DOCUMENTATION AS REQUIRED BY NFPA 72, SECTION 7.5 INCLUDING: RECORD DRAWINGS (AS–BUILTS) AS REQUIRED BY NFPA 72, SECTION 7.5.5 REVISED RECORD OF COMPLETION AS REQUIRED BY NFPA 72 7.5.6.6.
5. SUBMIT INSPECTION, TESTING, OPERATION AND MAINTENANCE DOCUMENTATION AS REQUIRED NFPA 72, SECTION 7.6. MUST INCLUDE APPLICABLE PRODUCT DATA SHEETS AND MANUFACTURER'S INSTRUCTIONS.
6. SECURE AND PAY ANY FEES AND PERMITS PERTAINING TO THE CONTRACT.



NOTES
A. EXISTING FACP LOCATED IN VESTIBULE 165.
B. PROVIDE WIRING TYPES, SIZES, AND INTERCONNECTIONS RECOMMENDED BY THE MANUFACTURER.
C. NOT ALL INPUT AND OUTPUT DEVICES ARE SHOWN. PROVIDE THESE DEVICES AS REQUIRED FOR PROPER SYSTEM OPERATION.
D. EXISTING TO REMAIN. MODIFY OR EXPAND AS REQUIRED FOR WORK SHOWN

FIRE ALARM RISER

STATE OF MAINE
AARON BRUCE BUNDY
No. 16161
LICENSED PROFESSIONAL ENGINEER
2/26/24

Scale: AS NOTED

No.	Revision	By	Date

Designed by:
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Engineering & Design
47A York Street, Portland, ME 04101
207.553.7753

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

	By	Date		By	Date
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Drawn	SBC	01/25/24	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

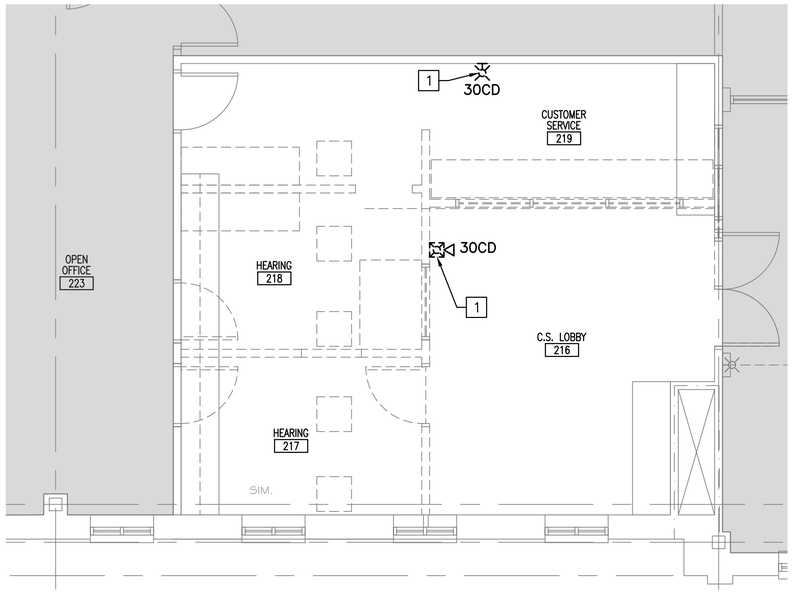
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

FIRE ALARM NOTES, LEGENDS, AND ABBREVIATIONS

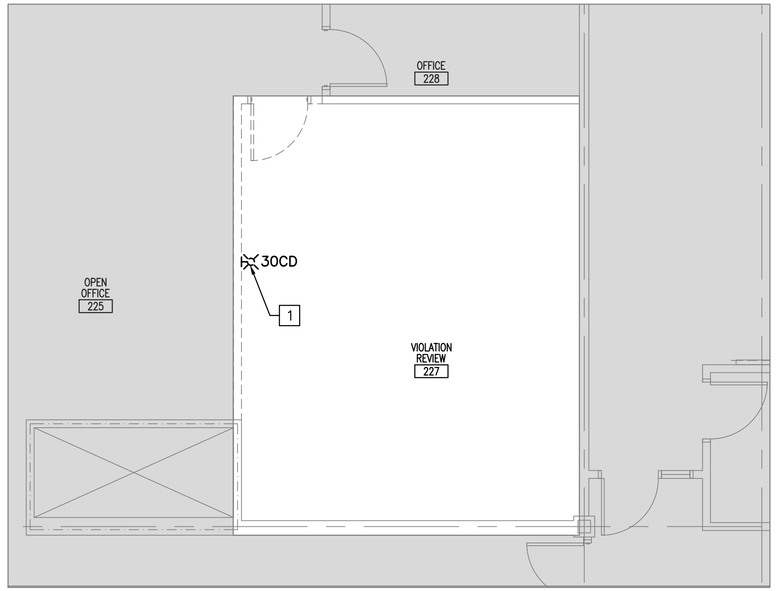
SHEET NUMBER: FA001

CONTRACT: 2023-XXX



SECOND FLOOR FIRE ALARM DEMOLITION PART PLAN

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



SECOND FLOOR FIRE ALARM DEMOLITION PART PLAN

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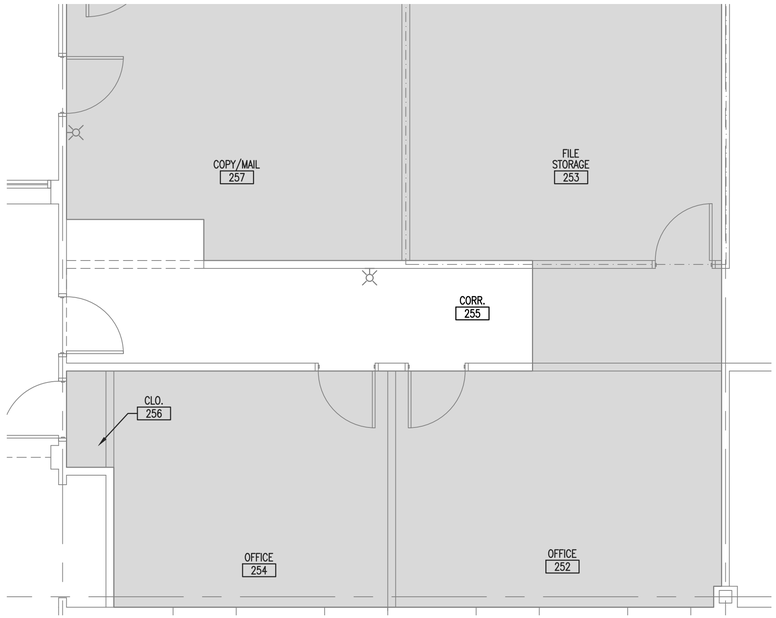

SECOND FLOOR FIRE ALARM DEMOLITION PART PLAN

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

NOTES:

1. SEE SHEET FA001 FOR NOTES, LEGENDS, AND DETAILS.
2. EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL LOCATED IN VESTIBULE 165 ON FIRST FLOOR.
3. COORDINATE WITH OTHER TRADES FOR WORK PERFORMED.

NOT IN SCOPE OF WORK

DEMOLITION KEYED NOTES:

1 TEST AND INSPECT EXISTING NOTIFICATION APPLIANCES PRIOR TO REMOVAL. REMOVE ASSOCIATED WIRING AND CONDUIT. IF APPLIANCE PASSES, RELOCATE TO THE SHOWN LOCATIONS ON THIS SHEET. IF NOTIFICATION APPLIANCE DOES NOT PASS, PROVIDE NEW APPLIANCE COMPATIBLE WITH EXISTING SYSTEM AND CAPABLE OF BEING SYNCHRONIZED WITH EXISTING FC-10-006 SERIES. THE MANUFACTURER OF THE EXISTING NOTIFICATION APPLIANCE IS EATON.

STATE OF MAINE
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No. 16161
LICENSED PROFESSIONAL ENGINEER
2/26/24

PLAN NORTH

0 2' 4' 8'
Scale: 1/4" = 1'-0"

Scale: AS NOTED

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

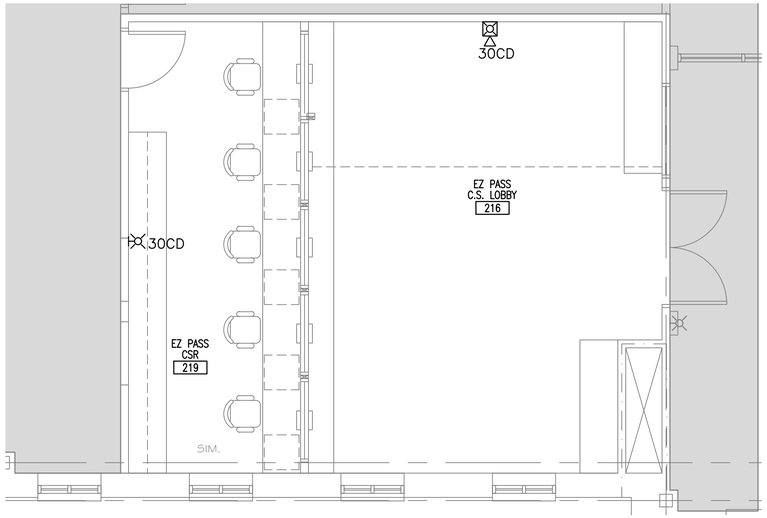
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

SECOND FLOOR FIRE ALARM DEMOLITION PART PLANS

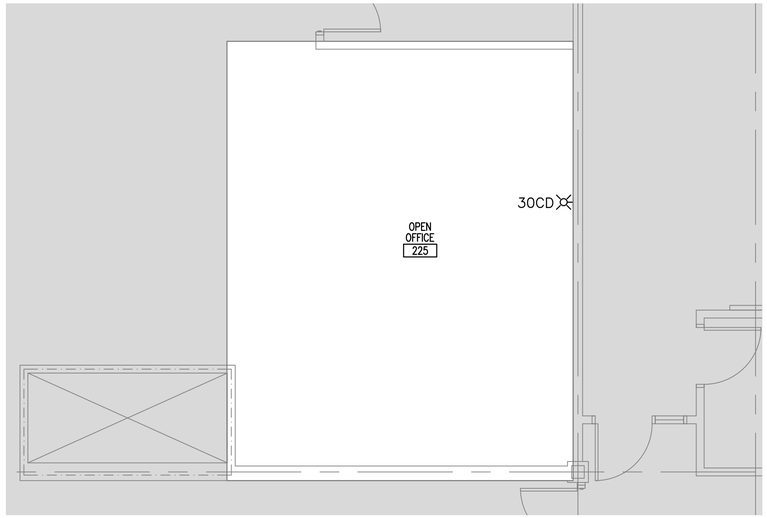
SHEET NUMBER: FA101

CONTRACT: 2023-XXX



SECOND FLOOR FIRE ALARM PART PLAN

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



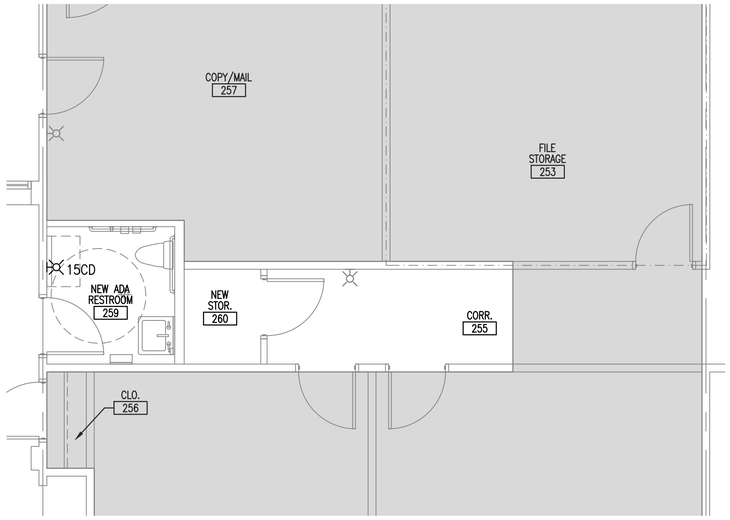
SECOND FLOOR FIRE ALARM PART PLAN

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

NOTES:

1. SEE SHEET FA001 FOR NOTES, LEGENDS, AND DETAILS.
2. EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL LOCATED IN VESTIBULE 165 ON FIRST FLOOR.
3. COORDINATE WITH OTHER TRADES FOR WORK PERFORMED.

NOT IN SCOPE OF WORK



SECOND FLOOR FIRE ALARM PART PLAN

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

STATE OF MAINE
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No. 16161
LICENSED PROFESSIONAL ENGINEER
2/26/24

PLAN NORTH

0 2' 4' 8'
Scale: 1/4" = 1'-0"

Scale: AS NOTED

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

SECOND FLOOR FIRE ALARM PART PLANS

SHEET NUMBER: FA102

CONTRACT: 2023-XXX

LIGHTING:

- FIXTURE WIRED TO SWITCHED EMERGENCY CIRCUIT
- 2x4 LIGHT FIXTURE (Ab: ASSOCIATED CONTROL DEVICE; FIXTURE TYPE (SEE LIGHT FIXTURE SCHED.))
- 1x4 LIGHT FIXTURE
- UNDERCABINET LIGHT FIXTURE
- DOWN LIGHT
- DOWN LIGHT WALL WASH
- STRIP LIGHT FIXTURE
- WALL MOUNTED FIXTURES
- TRACK LIGHTING
- OCCUPANCY SENSOR (1,a: INDICATES TYPE; INDICATES CONTROLLED FIXTURE)
- S_a SINGLE POLE TOGGLE SWITCH (INDICATES CONTROLLED FIXTURE)
- S_3 3-WAY TOGGLE SWITCH
- S_4 4-WAY TOGGLE SWITCH
- S_D DIMMER SWITCH
- S_{OS} OCCUPANCY SENSOR SWITCH
- $S^{1,a}_{LV}$ LOW VOLTAGE WALL STATION (1-INDICATES TYPE; a-INDICATES CONTROLLED FIXTURES)
- DL DAYLIGHT SENSOR
- UL924 UL924 LISTED EMERGENCY POWER CONTROL MODULE
- (1) LIGHTING CONTROL TAG

POWER:

- 60 (4) NON-FUSED SAFETY SWITCH (NEMA ENCLOSURE (NEMA 1 UNLESS OTHERWISE NOTED); AMPERE RATING)
- DUPLEX RECEPTACLE
- WP GFCI DUPLEX RECEPTACLE (WEATHER PROOF)
- DUPLEX RECEPTACLE, FLOOR OUTLET
- J JUNCTION BOX
- P POWER POLE

COMMUNICATIONS:

- DATA SYSTEM OUTLET
- DATA SYSTEM OUTLET, FLOOR MOUNTED

LIGHTNING PROTECTION SYSTEM:

- AIR TERMINAL

ONE-LINE DIAGRAM:

- X MOLDED CASE CIRCUIT BREAKER (AMPS)
- UTILITY GRID
- POWER TRANSFORMER (CONNECTION (WYE/DELTA))
- TRANSFER SWITCH (ATS - AUTOMATIC)
- GENERATOR

LINE TYPES:

- EXISTING
- NEW
- DEMOLITION
- G — G LPS MAIN CONDUCTOR
- BELOW FLOOR CONDUIT

ABBREVIATIONS:

AC	ALTERNATING CURRENT
AMP	AMPERE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERE INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BFG	BELOW FINISHED GRADE
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CLG	CEILING
CT	CURRENT TRANSFORMER
CU	COPPER
DISC	DISCONNECT
EMT	ELECTRICAL METALLIC TUBING
EQP	EQUIPMENT
EXIST	EXISTING
FBO	FURNISHED BY OTHERS
FLR	FLOOR
FWE	FURNISHED WITH EQUIPMENT
FU	FUSE
G	GROUND
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
HTR	HEATER
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
K	KILO
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KVAR	KILOVOLT-AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT-HOUR
LPS	LIGHTNING PROTECTION SYSTEM
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
MTD	MOUNTED
MV	MEDIUM VOLTAGE
NEC	NATIONAL ELECTRICAL CODE
NEG	NEGATIVE
NEUT	NEUTRAL
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
P	POLE
PF	POWER FACTOR
PH	PHASE
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL CONDUIT
RECEPT	RECEPTACLE
RM	ROOM
RSC	RIGID STEEL CONDUIT
SN	SOLID NEUTRAL
SPD	SURGE PROTECTIVE DEVICE
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TOS	TOP OF STEEL
TYP	TYPICAL
V	VOLT
VA	VOLT-AMPERE
WM	WATT METER
WP	WEATHER PROOF
XFMR	TRANSFORMER

GENERAL NOTES:

1. GENERAL NOTES, SYMBOL LISTS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ELECTRICAL DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.
2. DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC. USE JUDGMENT AND CARE TO INSTALL ELECTRICAL WORK TO FUNCTION PROPERLY AND FIT WITHIN BUILDING CONSTRUCTION AND FINISHES. ELECTRICAL CONDUCTORS, CONDUIT, COMPONENTS, NOT SHOWN OR SPECIFIED, WHICH ARE REQUIRED FOR ANY DEVICE OR SYSTEM TO PRODUCE A COMPLETE AND OPERATIVE SYSTEM ARE REQUIRED TO BE FURNISHED AND INSTALLED.
3. PERFORM WORK IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC) 2020.
4. VERIFY THAT FIELD MEASUREMENTS, SURFACES, SUBSTRATES AND CONDITIONS ARE AS REQUIRED, AND READY TO RECEIVE WORK. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. BY BEGINNING WORK, CONTRACTOR ACCEPTS CONDITIONS AND ASSUMES RESPONSIBILITY FOR CORRECTING UNSUITABLE CONDITIONS ENCOUNTERED AT NO ADDITIONAL COST.
5. REMOVE ELECTRICAL EQUIPMENT WHERE INDICATED. REMOVE CONDUIT, CIRCUIT CONDUCTORS, SWITCHES, LIGHTING FIXTURES AND MISCELLANEOUS APPLIANCES BACK TO ENERGIZING SOURCE OR JUNCTION BOX WHERE MULTIPLE EQUIPMENT IS POWERED.
6. CONDUCTOR MATERIAL, INCLUDING WIRING, PANELBOARD BUSES, TRANSFORMER WINDINGS, AND GROUNDING MUST BE COPPER. ALUMINUM CONDUCTORS ARE NOT ALLOWED.
7. UNLESS OTHERWISE NOTED, FOR 20A-1P BRANCH CIRCUIT WIRING USE 2#12 AWG CONDUCTORS AND #12 GND. HOME RUNS FED FROM 20A-1P CIRCUITS IN EXCESS OF 100 FEET USE #10 AWG.
8. PROVIDE COMMERCIAL SPECIFICATION GRADE 277/120 VOLT LIGHTING TOGGLE SWITCHES, SIDE WIRED AND WITH GROUNDING SCREW. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH OWNER.
9. PROVIDE COMMERCIAL SPECIFICATION GRADE CONVENIENCE RECEPTACLES, GROUNDING TYPE NEMA 5-20R, SIDE WIRED. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL.
10. PROVIDE GALVANIZED STEEL WALL PLATES FOR MECHANICAL SPACES WIRING DEVICES, STAINLESS STEEL WALL PLATES FOR FINISHED PARTITIONED SPACES WIRING DEVICES, AND THERMOPLASTIC WALL PLATES FOR EXTERIOR WIRING DEVICES.
11. UNLESS OTHERWISE NOTED, PROVIDE TYPE EMT CONDUIT FOR INTERIOR RACEWAY, TYPE RGS CONDUIT FOR EXTERIOR RACEWAY, LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO MOTORS, AND FLEXIBLE METAL CONDUIT FOR CONNECTIONS TO LIGHT FIXTURES (MAXIMUM 6FT LENGTH).
12. PROVIDED EQUIPMENT DISCONNECTS AND MANUAL MOTOR STARTERS UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE). INCLUDE FUSES RATED FOR PROTECTION OF LOAD SUPPLIED. MOUNT DISCONNECTS AND MOTOR STARTERS IN AN ACCESSIBLE LOCATION WITHIN SIGHT OF THE LOAD SERVED. DISCONNECTS AND MOTOR STARTERS MUST BE LOCKABLE IN THE OPEN POSITION.
13. UNLESS OTHERWISE NOTED MOUNT CONVENIENCE RECEPTACLES 18" AFF, LAVATORY GFCI RECEPTACLES 48" AFF, LIGHTING TOGGLE SWITCHES 48" AFF, AND TEL/DATA SYSTEM OUTLETS 18" AFF. MEASUREMENTS ARE MADE TO TOP OF DEVICE.

GENERAL NOTES CONTINUED:

14. SEAL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF SEPARATION.
15. EQUIPMENT CONNECTIONS ARE SHOWN FOR BASIS-OF-DESIGN PRODUCTS. COORDINATE EQUIPMENT CONNECTIONS - INCLUDING DISCONNECTING MEANS, OVERCURRENT PROTECTION, AND WIRE SIZING - WITH SELECTED MANUFACTURER'S RECOMMENDED INSTRUCTIONS.
16. COORDINATE FINAL DEVICE LOCATIONS IN PARTITIONED SPACES WITH OWNER'S PROPOSED FURNITURE LAYOUT.
17. PROVIDE MOUNTING HARDWARE NECESSARY FOR A COMPLETE INSTALLATION. MOUNT EQUIPMENT AND ROUTE CONDUIT SO AS NOT TO INTERFERE WITH OPERATIONS SUCH AS OVERHEAD DOORS, DOOR SWINGS, ACCESS POINTS, AND OTHER INSTALLATIONS.
18. MANUFACTURER'S NAMES AND MODEL NUMBERS ARE USED THROUGHOUT THE PROJECT FOR DESCRIPTIVE PURPOSES ONLY AND ARE INTENDED TO INDICATE THE STANDARD OF MATERIAL OR ARTICLES REQUIRED. DESIGN IS PREDICATED AROUND LISTED MANUFACTURERS AS NOTED ON SCHEDULES AND NOTES AND IS NOT INTENDED TO LIMIT THE CONTRACTOR TO ONE MANUFACTURER.
19. PERFORM COMMUNICATIONS WORK IN ACCORDANCE WITH APPLICABLE TELECOMMUNICATIONS INDUSTRY ASSOCIATION AND ELECTRONICS INDUSTRIES ALLIANCE (TIA/EIA) STANDARDS. FOLLOW SELECTED MANUFACTURERS' RECOMMENDED INSTALLATION AND CONNECTION PROCEDURES. COORDINATE TELEPHONE AND DATA INSTALLATIONS WITH OWNER'S REPRESENTATIVE.
20. INSTALL AND TEST TELECOMMUNICATIONS CABLING ACCORDING TO TIA/EIA STANDARDS. PROVIDE TYPE CATEGORY 6 CABLES. UNLESS OTHERWISE NOTED NEW DATA CABLING TO BE RUN TO CORRESPONDING FLOORS T/D ROOM. PROVIDE PATCH PANELS AND TERMINATE CABLING IN EXISTING DATA RACKS.
21. UNLESS OTHERWISE NOTED WIRING MUST BE AS FOLLOWS:
    A. LOW VOLTAGE INTERIOR DISTRIBUTION AND BRANCH WIRING MUST BE 600V, COPPER WITH THHN/THWN INSULATION
    B. LOW VOLTAGE EXTERIOR DISTRIBUTION AND BRANCH WIRING MUST BE 600V, COPPER WITH XHHW INSULATION.
22. EQUIPMENT ENCLOSURES, SWITCHES, RECEPTACLES, AND DEVICES MUST BE LABELED WITH THE SOURCE CIRCUIT AND EQUIPMENT CONTROLLED WHERE APPLICABLE.

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
REGISTERED PROFESSIONAL ENGINEER
02/26/24

Scale: AS NOTED

No.	Revision	By	Date

Designed by:
COLBY COMPANY, LLC
Engineering & Design
47A York Street, Portland, ME 04101
207.553.7753

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

	By	Date		By	Date
Designed	JMB	04/21/23	Checked	JMB	04/21/23
Drawn	ACY	04/21/23	In Charge of		

47A York St
Portland, ME
04101
207.553.7753

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

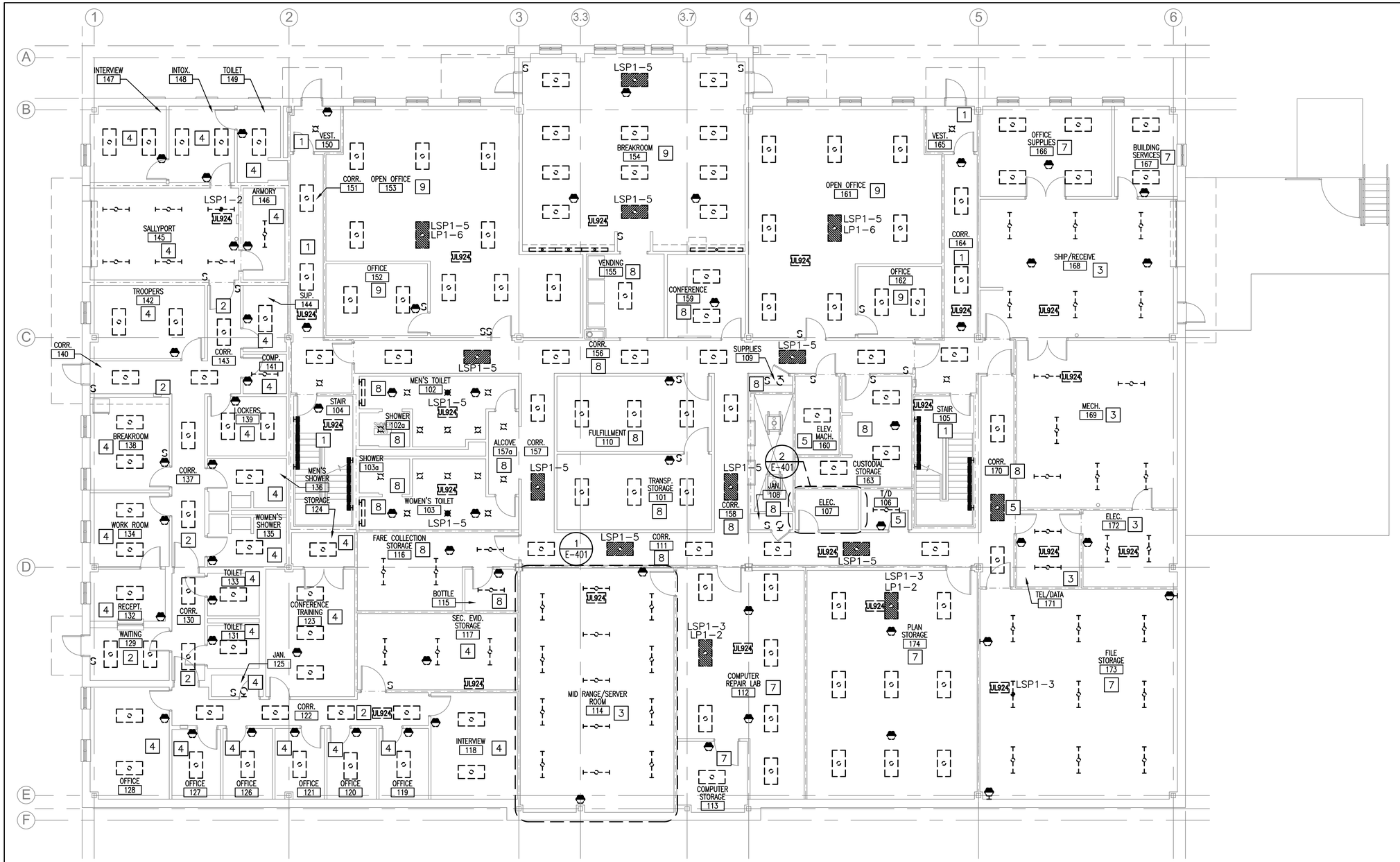
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

ELECTRICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES

SHEET NUMBER: E-001

CONTRACT: 2023-XXX



FIRST FLOOR DEMOLITION PLAN

SCALE:1/8" = 1'-0"

NOTES:

1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. EXISTING WIRING & CIRCUITS TO ALL FIXTURES MUST BE RETAINED FOR REUSE.
3. CIRCUITING PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EL101. FIELD VERIFY IMPACTED CIRCUITS.
4. ALL EXIT SIGNS ARE EXISTING TO REMAIN.

DEMOLITION KEYED NOTES:

[1] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-1, UNLESS OTHERWISE NOTED.

[2] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-2, UNLESS OTHERWISE NOTED.

[3] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-3, UNLESS OTHERWISE NOTED.

[4] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT EDP-6, UNLESS OTHERWISE NOTED.

[5] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-5, UNLESS OTHERWISE NOTED.

[6] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-1, UNLESS OTHERWISE NOTED.

[7] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-2, UNLESS OTHERWISE NOTED.

[8] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-4, UNLESS OTHERWISE NOTED.

[9] FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-6, UNLESS OTHERWISE NOTED.

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
REGISTERED PROFESSIONAL ENGINEER
02/26/24

PLAN NORTH

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

Scale: AS NOTED

No.	Revision	By	Date

Designed by:
COLBY COMPANY, LLC
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

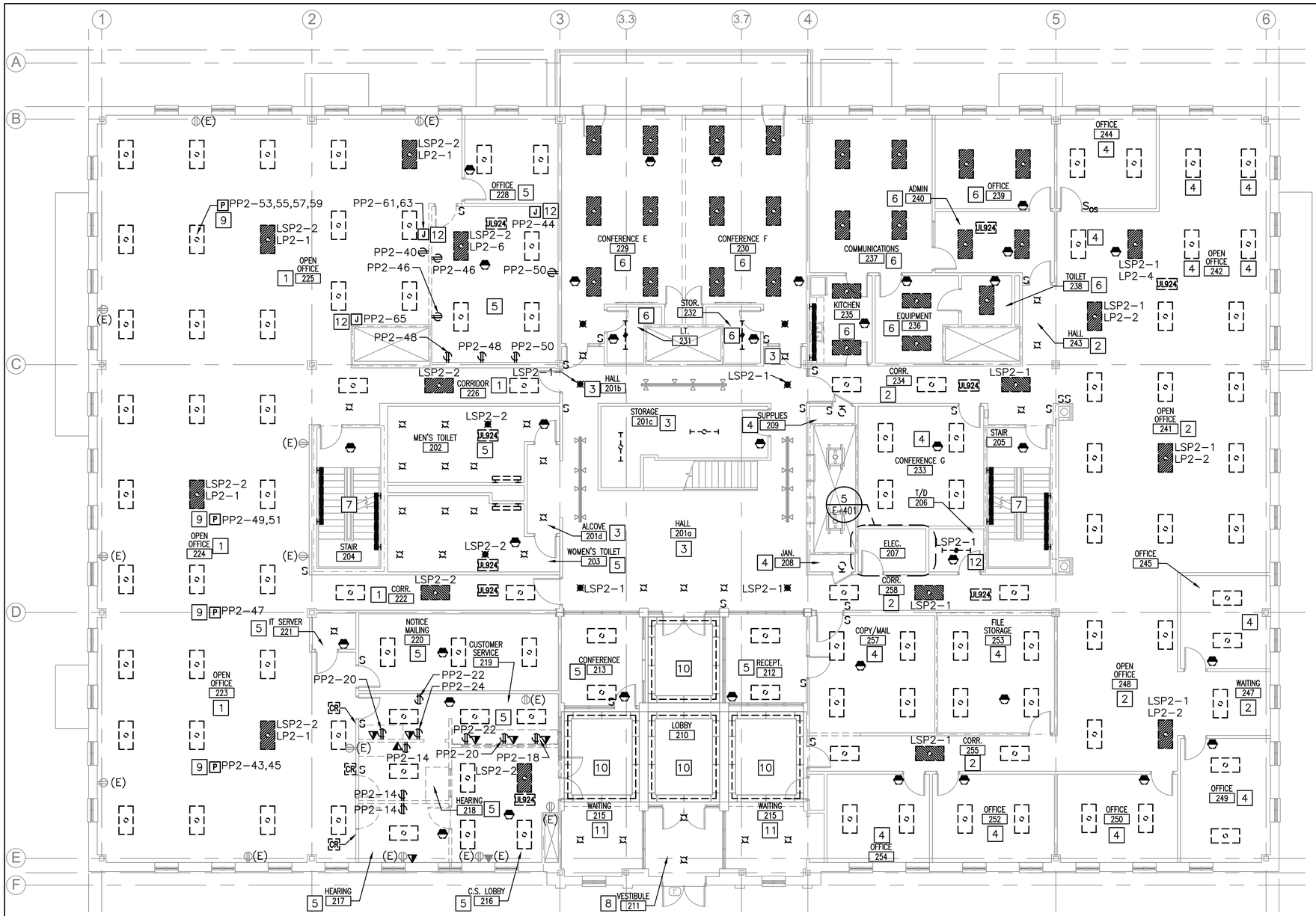
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER: ED101

CONTRACT: 2023-XXX



SECOND FLOOR DEMOLITION PLAN

SCALE:1/8" = 1'-0"

NOTES:

1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. EXISTING WIRING & CIRCUITS TO ALL FIXTURES MUST BE RETAINED FOR REUSE.
3. CIRCUITING PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EL103. FIELD VERIFY IMPACTED CIRCUITS.
4. ALL EXIT SIGNS ARE EXISTING TO REMAIN.
5. REMOVE DATA CABLING COMPLETELY BACK TO T/D ROOM 206.

DEMOLITION KEYED NOTES:

1. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-1, UNLESS OTHERWISE NOTED.
2. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-2, UNLESS OTHERWISE NOTED.
3. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-3, UNLESS OTHERWISE NOTED.
4. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-4, UNLESS OTHERWISE NOTED.
5. FIXTURE WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-6, UNLESS OTHERWISE NOTED.
6. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP2-3.
7. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-1.
8. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP2-1
9. REMOVE POWER. PULL BACK POWER CIRCUIT CONDUCTORS IN PREPERATION FOR REUSE IN NEW FURNITURE LAYOUT. PULL BACK DATA CABLING COMPLETELY BACK TO T/D ROOM 206. SEE E-403 FOR NEW CIRCUIT LOCATIONS.
10. COVE LIGHTING FIXTURE HOUSINGS AND REFLECTORS ARE EXISTING TO REMAIN, BULBS, BALLAST AND SOCKETS MUST BE REMOVED FOR RETROFIT. FIXTURES CONNECTED TO CIRCUIT LP2-3. SEE DETAILS ON E-501.
11. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-3.
12. REMOVE FURNITURE POWER AND DATA CONNECTION. PULL BACK POWER CIRCUIT CONDUCTORS IN PREPARATION FOR REUSE IN NEW FURNITURE LAYOUT. PULL BACK TO T/D ROOM 206. SEE E-403 FOR NEW LOCATIONS.

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
REGISTERED PROFESSIONAL ENGINEER
02/26/24

PLAN NORTH

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

Scale: AS NOTED

No.	Revision	By	Date

Designed by:
COLBY COMPANY, LLC
Engineering & Design
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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

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Designed	JMB	04/21/23	Checked	JMB	04/21/23
Drawn	ACY	04/21/23	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

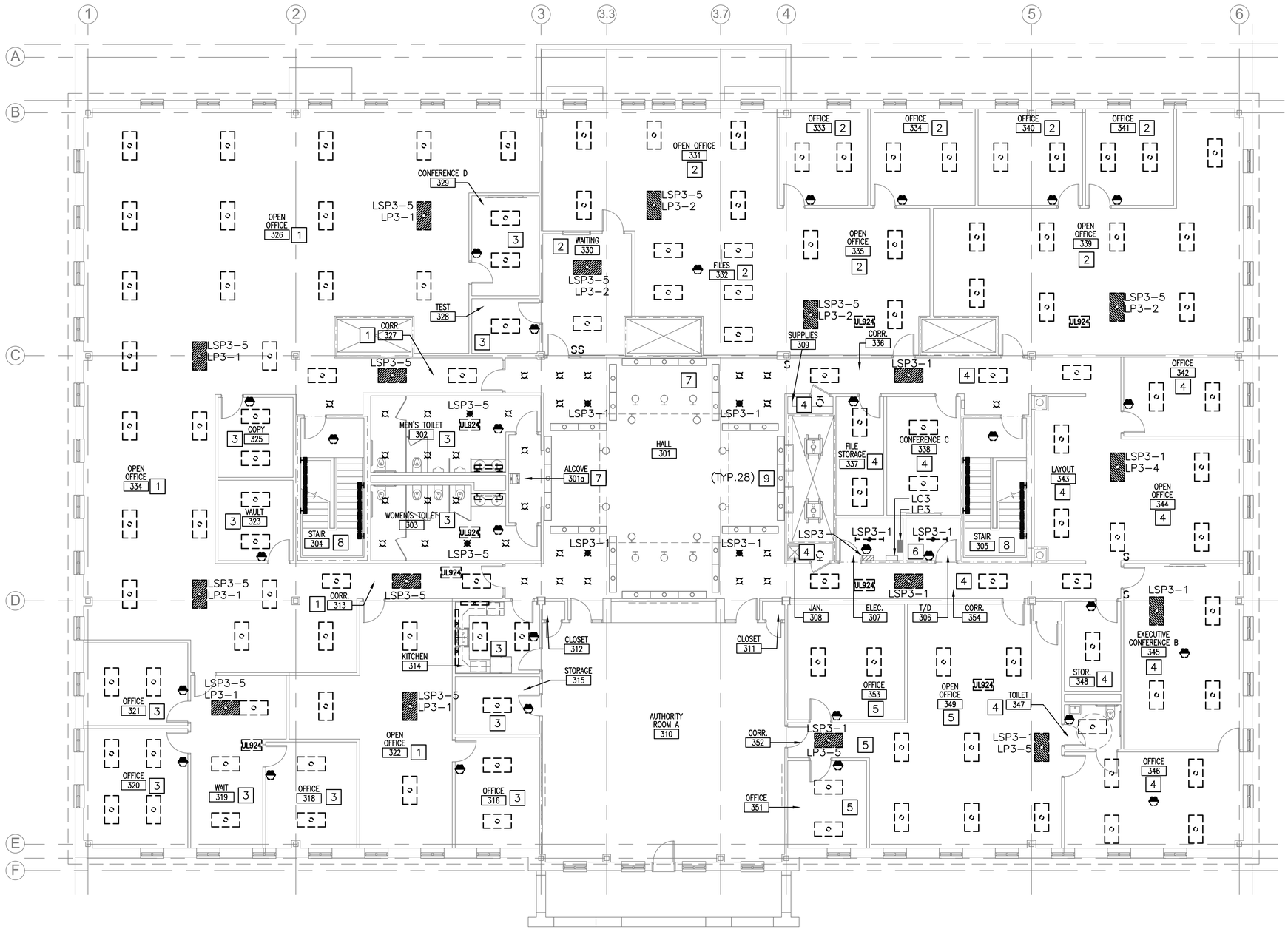
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

SECOND FLOOR DEMOLITION PLAN

SHEET NUMBER: ED102

CONTRACT: 2023-XXX



THIRD FLOOR DEMOLITION PLAN

SCALE:1/8" = 1'-0"

NOTES:

1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. EXISTING WIRING & CIRCUITS TO ALL FIXTURES MUST BE RETAINED FOR REUSE.
3. CIRCUITING PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EL103. FIELD VERIFY IMPACTED CIRCUITS.
4. ALL EXIT SIGNS ARE EXISTING TO REMAIN.

DEMOLITION KEYED NOTES:

1. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-1, UNLESS OTHERWISE NOTED.
2. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-2, UNLESS OTHERWISE NOTED.
3. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-3, UNLESS OTHERWISE NOTED.
4. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-4, UNLESS OTHERWISE NOTED.
5. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-5, UNLESS OTHERWISE NOTED.
6. REMOVE LIGHTING CONTROL PANEL
7. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-7, UNLESS OTHERWISE NOTED.
8. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-1.
9. COVE LIGHTING FIXTURE HOUSINGS AND REFLECTORS EXISTING TO REMAIN. BULBS, BALLAST AND SOCKETS MUST BE REMOVED FOR RETROFIT. SEE DETAILS ON E-501.

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
LICENSED PROFESSIONAL ENGINEER
02/26/24

PLAN NORTH

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

Scale: AS NOTED

No.	Revision	By	Date

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47A York Street, Portland, ME 04101
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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

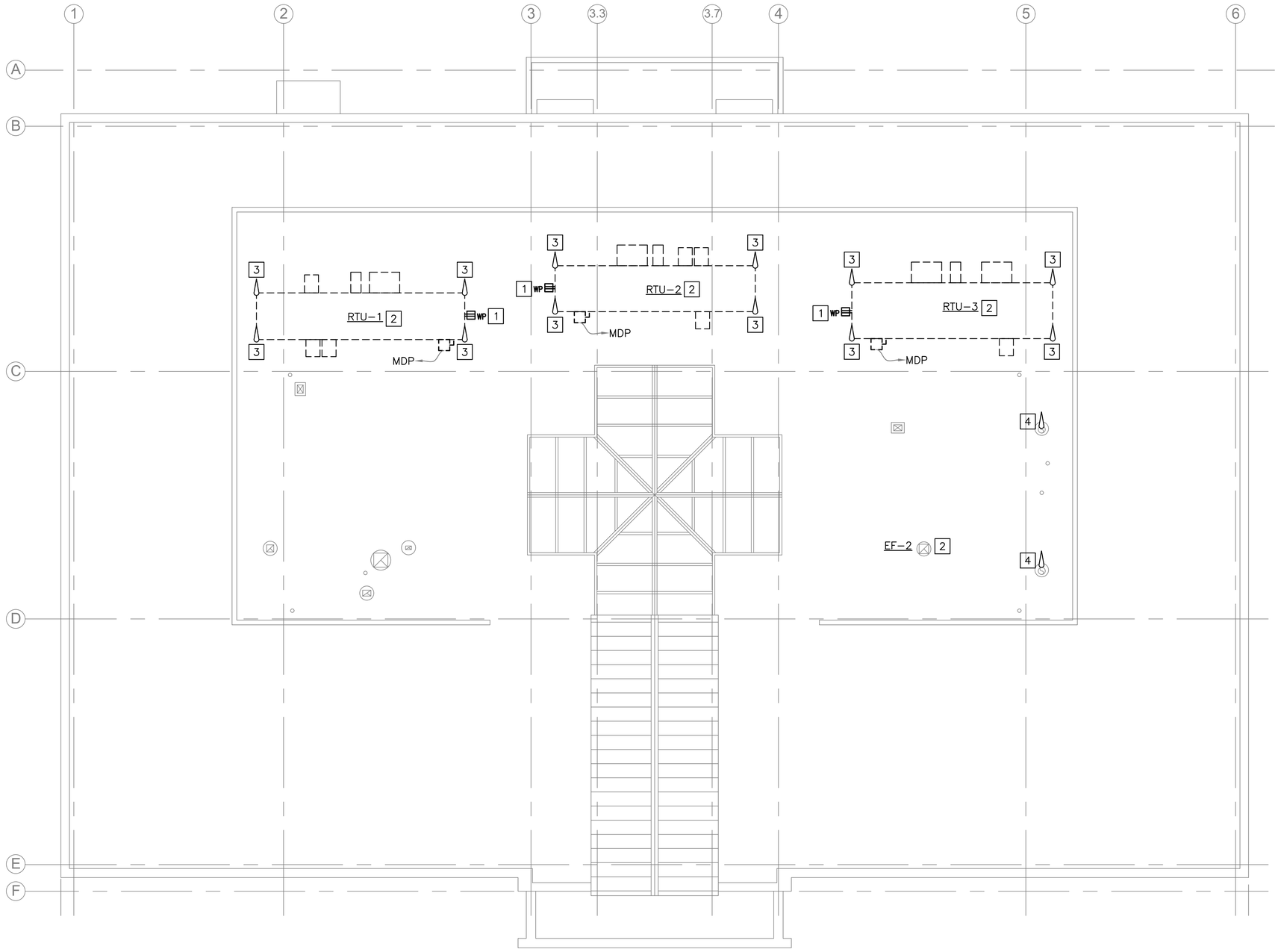
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

THIRD FLOOR DEMOLITION PLAN

SHEET NUMBER: ED103

CONTRACT: 2023-XXX



ROOF DEMOLITION PLAN

SCALE:1/8" = 1'–0"

NOTES:

1. SEE E–001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. CIRCUITING PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EP104. CIRCUITS HAVE NOT BEEN FIELD VERIFIED.

DEMOLITION KEYED NOTES:

1. REMOVE GFCI FROM SIDE OF ROOF TOP UNIT. RETAIN WIRING FOR REUSE.
2. REMOVE POWER, DDC CONTROLS, AND FACP CONNECTION. LEAVE ALL CONDUCTORS IN PLACE FOR RECONNECTION TO REPLACEMENT MECHANICAL EQUIPMENT.
3. REMOVE AIR TERMINALS MOUNTED TO TOP OF RTUS AND CABLING BACK TO CONNECTION POINT OF EXISTING LIGHTNING PROTECTION SYSTEM.
4. REMOVE AIR TERMINALS MOUNTED TO TOP OF BOILER STACKS AND CABLING BACK TO CONNECTION POINT OF EXISTING LIGHTNING PROTECTION SYSTEM.

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
LICENSED PROFESSIONAL ENGINEER
02/26/24

PLAN
NORTH
0 4' 8' 16'
Scale: 1/8" = 1'–0"

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

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Designed	JMB	04/21/23	Checked	JMB	04/21/23
Drawn	ACY	04/21/23	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

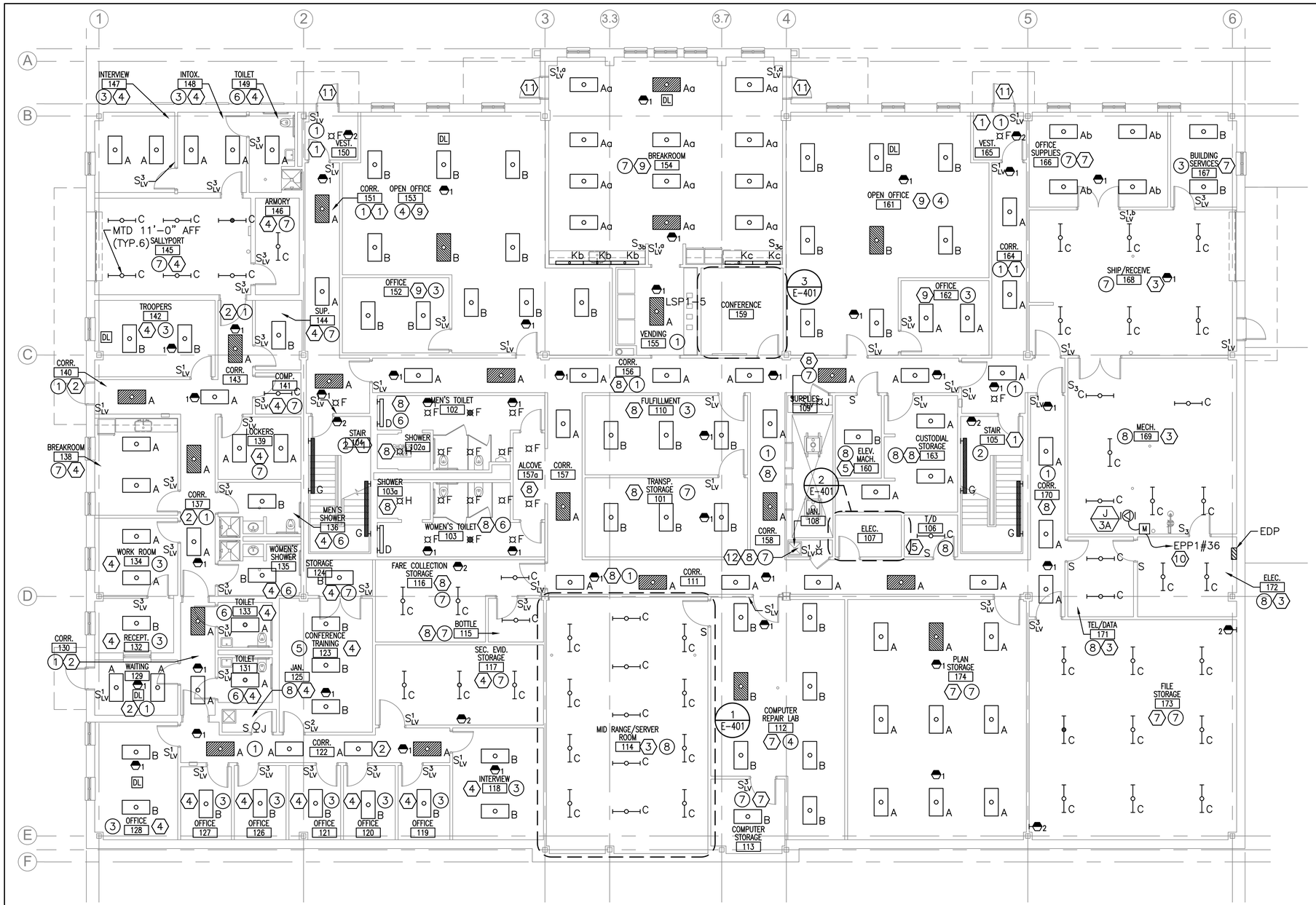
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

ROOF DEMOLITION PLAN

SHEET NUMBER: ED104

CONTRACT: 2023-XXX



FIRST FLOOR PLAN

SCALE:1/8" = 1'-0"

NOTES:

1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. EXTEND EXISTING WIRING AND CONDUIT TO ALL NEW LIGHT FIXTURES.
3. CIRCUITING PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EL101. FIELD VERIFY ALL CIRCUITS.
4. SUSPENDED FIXTURES MUST BE HUNG AT SAME HEIGHT AS THE DEMOLISHED FIXTURE.

KEYED NOTES:

1. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-1, UNLESS OTHERWISE NOTED.
2. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-2, UNLESS OTHERWISE NOTED.
3. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-3, UNLESS OTHERWISE NOTED.
4. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT EDP-6, UNLESS OTHERWISE NOTED.
5. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-5, UNLESS OTHERWISE NOTED.
6. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-1, UNLESS OTHERWISE NOTED.
7. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-2, UNLESS OTHERWISE NOTED.
8. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-4, UNLESS OTHERWISE NOTED.
9. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-6, UNLESS OTHERWISE NOTED.
10. PROVIDE 20A/1P BREAKER IN EXISTING PANEL EPP1.
11. PROVIDE POWER TO ADA DOOR OPENER. UTILIZE EXISTING 120V CIRCUIT FOR CARD READER (EPP1-19).
12. PROVIDE 15A/1P BREAKER IN EXISTING PANEL EPP1 SPACE 36 FOR TRAP PRIMER.

PLAN NORTH

Scale: 1/8" = 1'-0"

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
REGISTERED PROFESSIONAL ENGINEER
02/26/24

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

COLBY COMPANY, LLC
Engineering & Design
47A York Street, Portland, ME 04101
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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

	By	Date		By	Date
Designed	JMB	04/21/23	Checked	JMB	04/21/23
Drawn	ACY	04/21/23	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

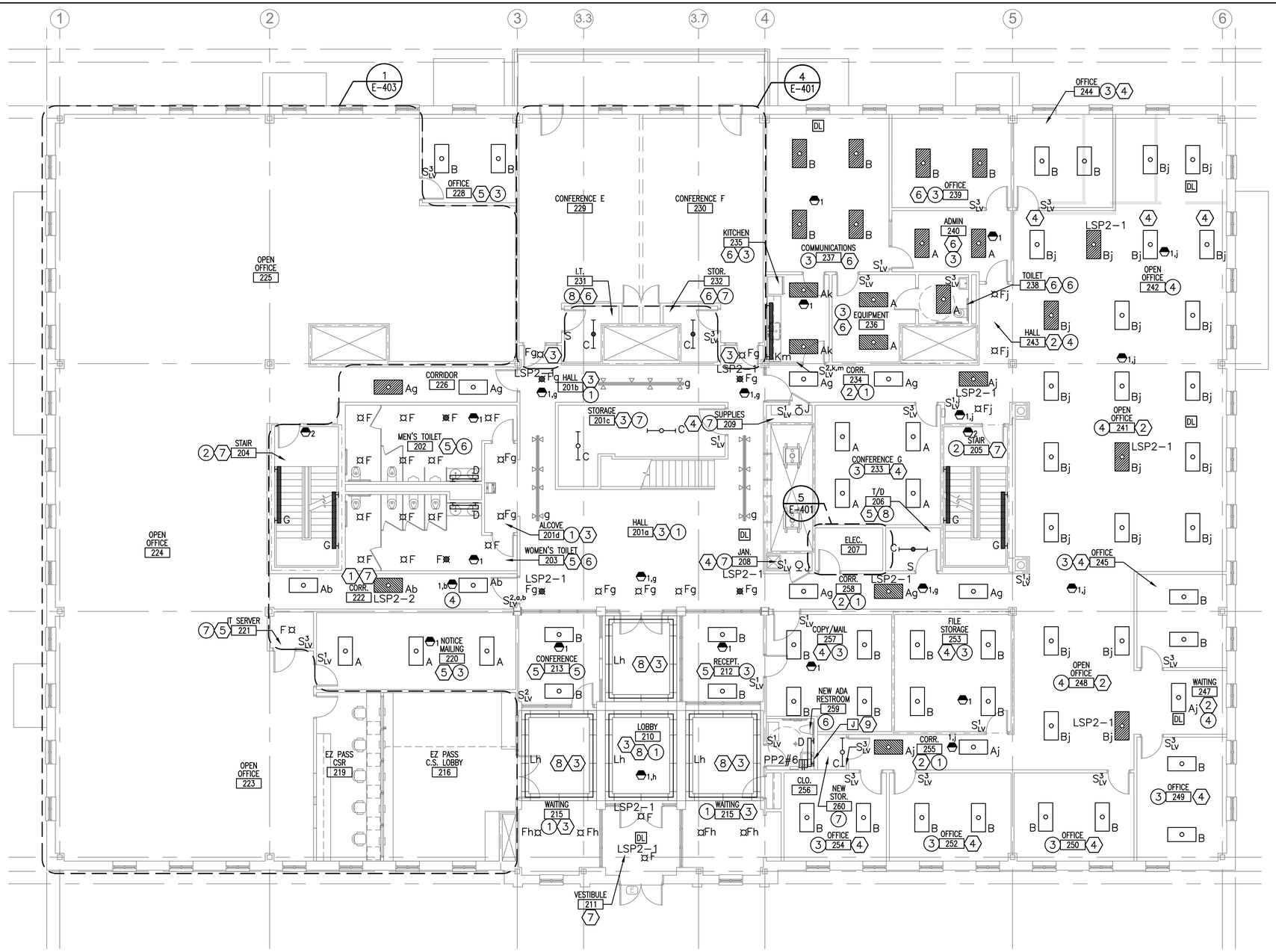
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

FIRST FLOOR PLAN

SHEET NUMBER: E-101

CONTRACT: 2023-XXX



SECOND FLOOR PLAN

1/8" = 1'-0"

NOTES:

1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. EXTEND EXISTING WIRING AND CONDUIT TO ALL NEW LIGHT FIXTURES.
3. CIRCUITING PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EL102. FIELD VERIFY ALL CIRCUITS.
4. SUSPENDED FIXTURES MUST BE HUNG AT SAME HEIGHT AS THE DEMOLISHED FIXTURE.

KEYED NOTES:

1. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-1, UNLESS OTHERWISE NOTED.
2. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-2, UNLESS OTHERWISE NOTED.
3. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-3, UNLESS OTHERWISE NOTED.
4. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-4, UNLESS OTHERWISE NOTED.
5. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-6, UNLESS OTHERWISE NOTED.
6. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP2-3.
7. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-1.
8. PROVIDE TAPE LIGHTING WITHIN EXISTING COVE FIXTURE HOUSING. SEE DETAILS ON E-501.
9. LOCATE JUNCTION BOX UNDER SINK FOR PLUMBING FIXTURE POWER SUPPLY. CIRCUIT TO BATHROOM GFCI RECEPTACLE.

PLAN NORTH

Scale: 1/8" = 1'-0"

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
LICENSED PROFESSIONAL ENGINEER
02/26/24

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

COLBY COMPANY, LLC
Engineering & Design
47A York Street, Portland, ME 04101
207.553.7753

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

	By	Date		By	Date
Designed	JMB	04/21/23	Checked	JMB	04/21/23
Drawn	ACY	04/21/23	In Charge of		

47A York St
Portland, ME
04101
207.553.7753

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

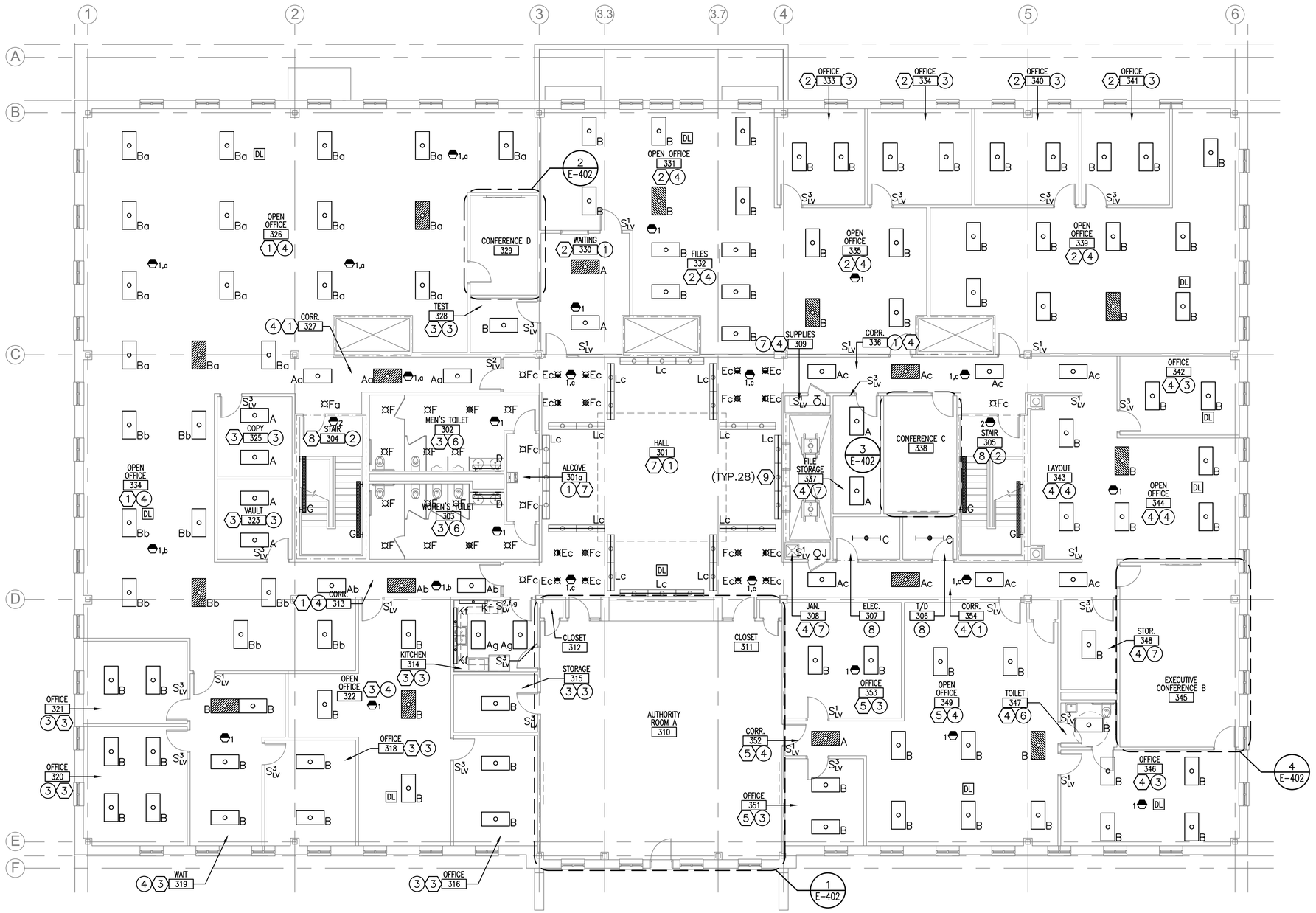
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

SECOND FLOOR PLAN

SHEET NUMBER: E-102

CONTRACT: 2023-XXX



THIRD FLOOR PLAN

SCALE:1/8" = 1'-0"

NOTES:

1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. EXTEND EXISTING WIRING AND CONDUIT TO ALL NEW LIGHT FIXTURES.
3. CIRCUITING PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EL103. CIRCUITS HAVE NOT BEEN FIELD VERIFIED.
4. SUSPENDED FIXTURES MUST BE HUNG AT SAME HEIGHT AS THE DEMOLISHED FIXTURE.

KEYED NOTES:

1. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-1, UNLESS OTHERWISE NOTED.
2. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-2, UNLESS OTHERWISE NOTED.
3. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-3, UNLESS OTHERWISE NOTED.
4. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-4, UNLESS OTHERWISE NOTED.
5. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-5, UNLESS OTHERWISE NOTED.
6. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-6, UNLESS OTHERWISE NOTED.
7. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3-7.
8. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-1.
9. PROVIDE TAPE LIGHTING WITHIN EXISTING COVE FIXTURE HOUSING. SEE DETAILS ON E-501.

PLAN NORTH

Scale: 1/8" = 1'-0"

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
REGISTERED PROFESSIONAL ENGINEER
02/26/24

Scale: AS NOTED

No.	Revision	By	Date

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

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MTA PROJECT MANAGER: MTA PROJ. MGR

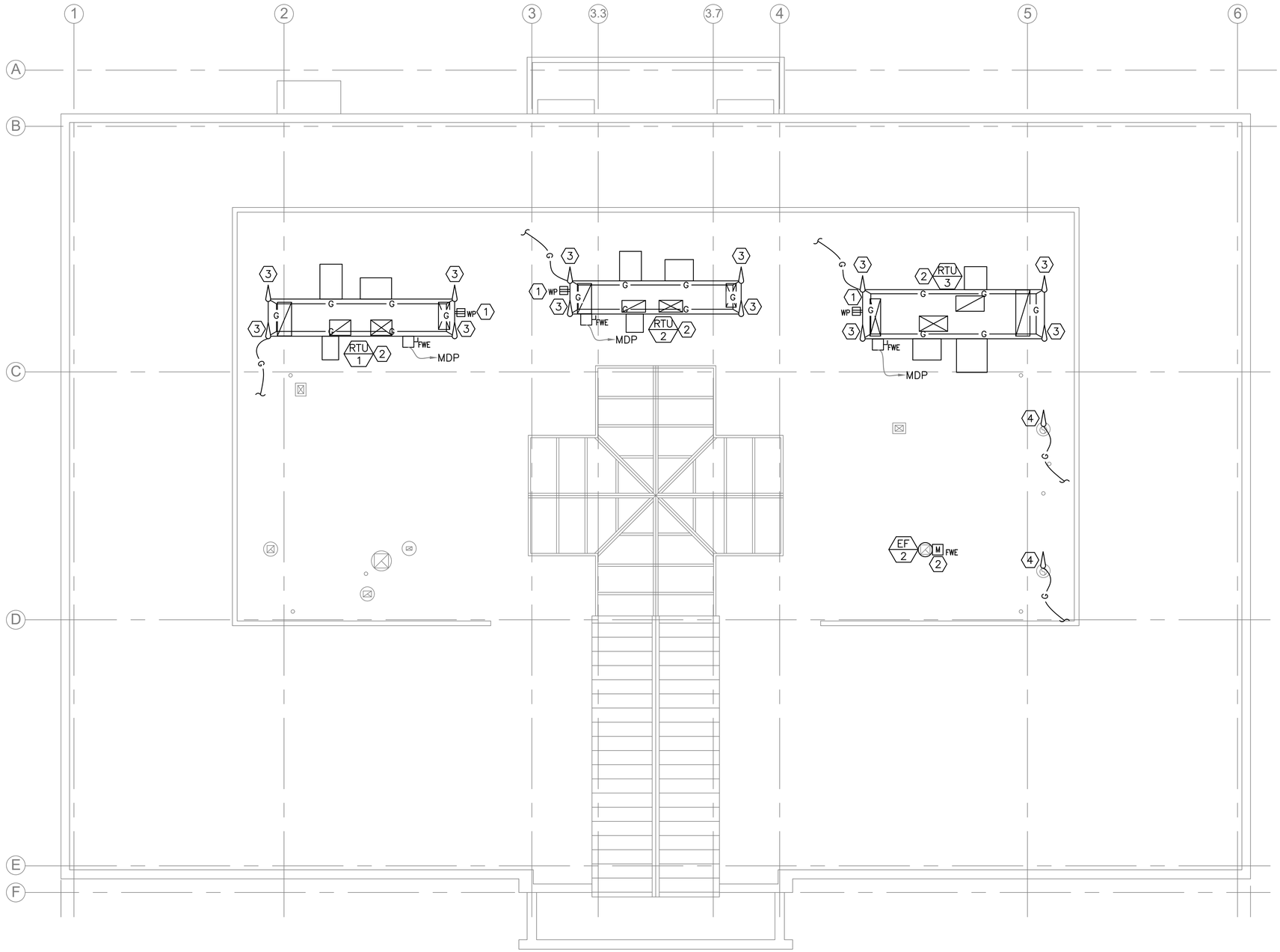
THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

THIRD FLOOR PLAN

SHEET NUMBER: E-103

CONTRACT: 2023-XXX



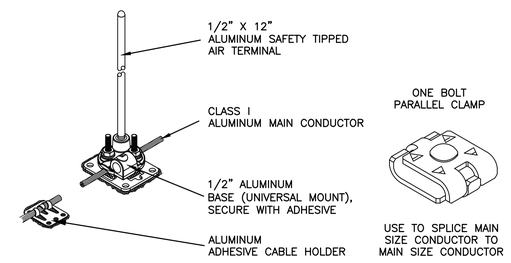
ROOF PLAN
SCALE:1/8" = 1'-0"

NOTES:

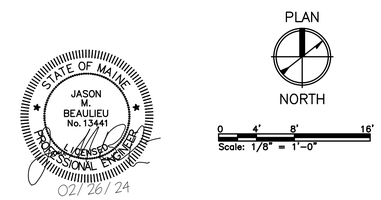
1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. PERFORM ALL LIGHTNING PROTECTION WORK IN ACCORDANCE WITH NFPA780 2023.

KEYED NOTES:

1. PROVIDE GFCI RECEPTACLE OF SIDE OF ROOF TOP UNIT FOR LOCAL CONVENIENCE POWER. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. UTILIZE RECEPTACLE 120V CIRCUIT TO POWER RTU'S PACKAGED 120V LIGHTING CIRCUIT.
2. RECONNECT POWER, DDC CONTROLS, AND FACP CONNECTIONS. EXTEND WIRING AND CONDUIT AS NECESSARY.
3. PROVIDE 1/2" X 12" ALUMINUM SAFETY TIPPED AIR TERMINALS MOUNTED TO TOP OF RTU USING ALUMINUM UNIVERSAL BASES MOUNTED TO STACK WITH ADHESIVE.. CONNECT TO EXISTING LIGHTNING PROTECTION SYSTEM, MATCH EXISTING CONDUCTOR SIZE AND TYPE. RECERTIFY LIGHTNING PROTECTION SYSTEM.
4. PROVIDE 1/2" X 12" ALUMINUM SAFETY TIPPED AIR TERMINALS MOUNTED TO TOP OF BOILER STACK USING ALUMINUM UNIVERSAL BASES MOUNTED TO STACK WITH ADHESIVE.. CONNECT TO EXISTING LIGHTNING PROTECTION SYSTEM, MATCH EXISTING CONDUCTOR SIZE AND TYPE. RECERTIFY LIGHTNING PROTECTION SYSTEM.



DETAIL—LIGHTNING PROTECTION SYSTEM COMPONENTS
1 / E-104 SCALE: NTS



Scale: AS NOTED

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

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Drawn	ACY	04/21/23	In Charge of		

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

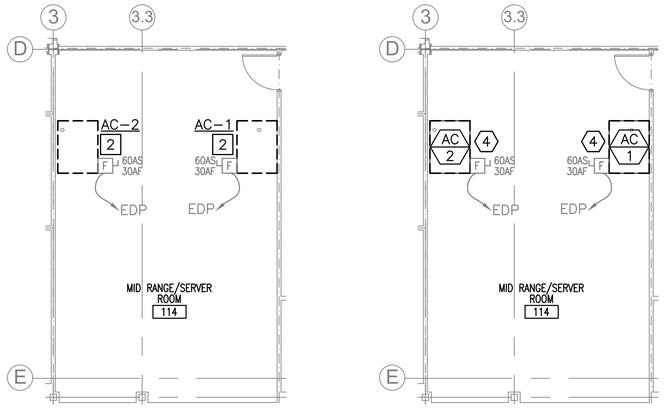
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

ROOF PLAN

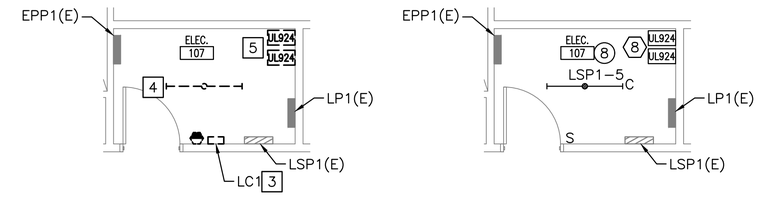
SHEET NUMBER: E-104

CONTRACT: 2023-XXX



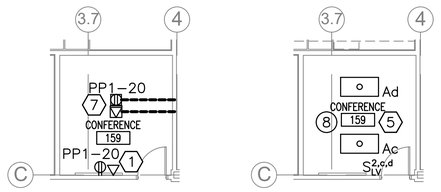
MID RANGE/SERVER ROOM 114 MECHANICAL EQUIPMENT DEMOLITION/NEW WORK PART PLANS

1 / E-401 SCALE: 1/8" = 1'-0"



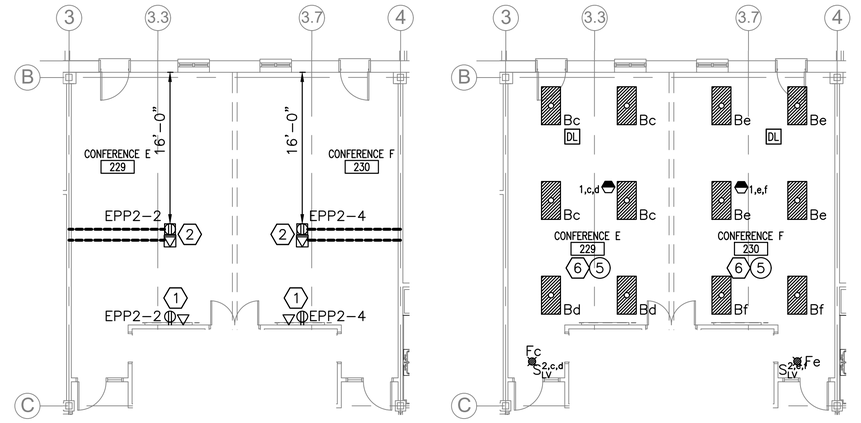
ELECTRICAL 107 DEMOLITION/NEW WORK PART PLANS

2 / E-401 SCALE: 1/4" = 1'-0"



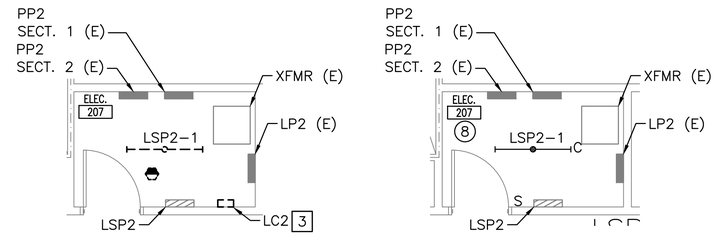
CONFERENCE 159 PART PLANS

3 / E-401 SCALE: 1/8" = 1'-0"



CONF. E 229 & CONF. F 230 PART PLANS

4 / E-401 SCALE: 1/8" = 1'-0"



ELECTRICAL 207 DEMOLITION/NEW WORK PART PLANS

5 / E-401 SCALE: 1/8" = 1'-0"

NOTES:

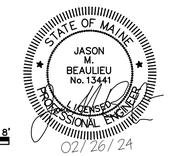
1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.

DEMOLITION KEYED NOTES:

1. REMOVE 120V POWER AND CONTROLS CONNECTION TO MOTORIZED PROJECTION SCREEN IN 4" SQUARE JUNCTION BOX ABOVE ACCESSIBLE CEILING.
2. REMOVE AND RETAIN WIRING FROM AIR CONDITIONING UNIT BACK TO FUSED DISCONNECT SWITCH.
3. REMOVE LIGHTING CONTROL PANEL.
4. FIXTURE WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-5.
5. EXTERIOR SITE LIGHTING: REMOVE OVERRIDE SWITCH. REMOVE EXTERIOR SITE LIGHTING EMERGENCY POWER CONTROL MODULES. MAINTAIN EXTERIOR SITE LIGHTING CIRCUITS FOR REPLACEMENT LIGHTING CONTROL DEVICES.

KEYED NOTES:

1. PROVIDE POWER AND DATA LOCATED BEHIND WALL MOUNTED TV. COORDINATE WITH A/V INSTALLER FOR EXACT LOCATION AND MOUNTING HEIGHT.
2. PROVIDE POKE THROUGH FLOOR OUTLET FOR POWER, SIX (6) DATA DROPS, AND A/V. LOCATE MINIMUM 16'-0" OFF EXTERIOR WALL TO AVOID RADIANT FLOOR TUBING.
3. COORDINATE LOCATION OF POKE THROUGH FLOOR OUTLET WITH TABLE LEG AND RADIANT FLOOR.
4. RECONNECT RETAINED WIRING FROM FUSED DISCONNECT TO AIR CONDITIONING UNIT.
5. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LSP1-5, UNLESS OTHERWISE NOTED.
6. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP1-1, UNLESS OTHERWISE NOTED.
7. PROVIDE "CONNECTRAC" UNDER-CARPET SYSTEM FOR DUPLEX RECEPTACLE, 4-DROP DATA AND HDMI CONNECTION. COORDINATE WITH ARCHITECTURE.
8. EXTERIOR SITE LIGHTING: PROVIDE SINGLE OVERRIDE SWITCH FOR ALL EXTERIOR LIGHTING CIRCUITS (11 EXISTING CIRCUITS). PROVIDE (2) EMERGENCY POWER CONTROL MODULES FOR EXTERIOR SITE LIGHTING. CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT CONDUCTORS.



PLAN NORTH

0 2' 4' 8' Scale: 1/4" = 1'-0"

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

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

COLBY COMPANY, LLC
Engineering & Design
47A York Street, Portland, ME 04101
207.553.7753

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

	By	Date		By	Date
Designed	JMB	04/21/23	Checked	JMB	04/21/23
Drawn	ACY	04/21/23	In Charge of		

COLBY COMPANY, LLC CCE engineering & design

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

PART PLANS

SHEET NUMBER: E-401

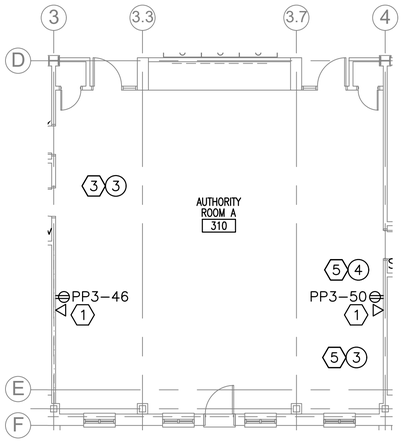
CONTRACT: 2023-XXX

NOTES:

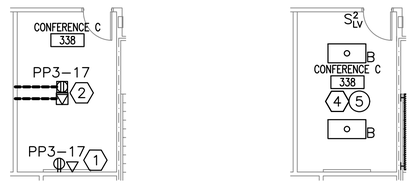
1. SEE E–001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.

KEYED NOTES:

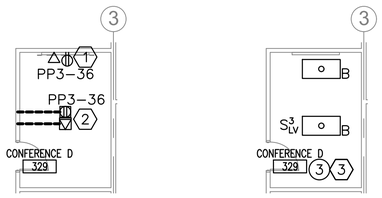
1. PROVIDE POWER AND DATA LOCATED BEHIND WALL MOUNTED TV. COORDINATE WITH A/V INSTALLER FOR EXACT LOCATION AND MOUNTING HEIGHT.
2. PROVIDE POKE THROUGH FLOOR OUTLET FOR POWER, SIX (6) DATA DROPS, AND A/V. LOCATE MINIMUM 16'–0" OFF EXTERIOR WALL TO AVOID RADIANT FLOOR TUBING.
3. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3–3, UNLESS OTHERWISE NOTED.
4. FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP3–4, UNLESS OTHERWISE NOTED.
5. PROVIDE FLOOR MOUNTED POWER/DATA/AV DISTRIBUTION BOX. INCLUDE DUPLEX RECEPTACLE, SIX (6) DATA DROPS, AND A/V CONNECTIONS. REUSE EXISTING FLOOR PENETRATION.



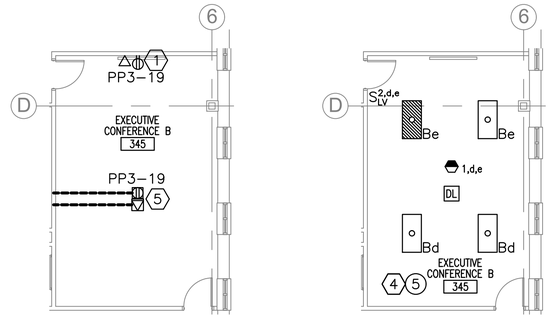
1 E–402 AUTHORITY ROOM A 310 PART PLAN
SCALE: 1/8" = 1'–0"



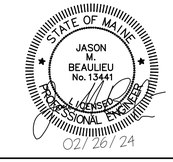
3 E–402 CONFERENCE C 338 PART PLANS
SCALE: 1/8" = 1'–0"

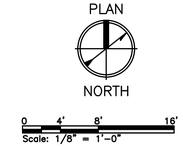


2 E–402 CONFERENCE D 329 PART PLAN
SCALE: 1/8" = 1'–0"



4 E–402 EXECUTIVE CONFERENCE B 345 PART PLANS
SCALE: 1/8" = 1'–0"





Scale: AS NOTED

No.	Revision	By	Date

Designed by:

COLBY COMPANY, LLC
Engineering & Design
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207.553.7753

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

	By	Date		By	Date
Designed	JMB	04/21/23	Checked	JMB	04/21/23
Drawn	ACY	04/21/23	In Charge of		

47A York St
Portland, ME
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207.553.7753

MTA PROJECT MANAGER: MTA PROJ. MGR

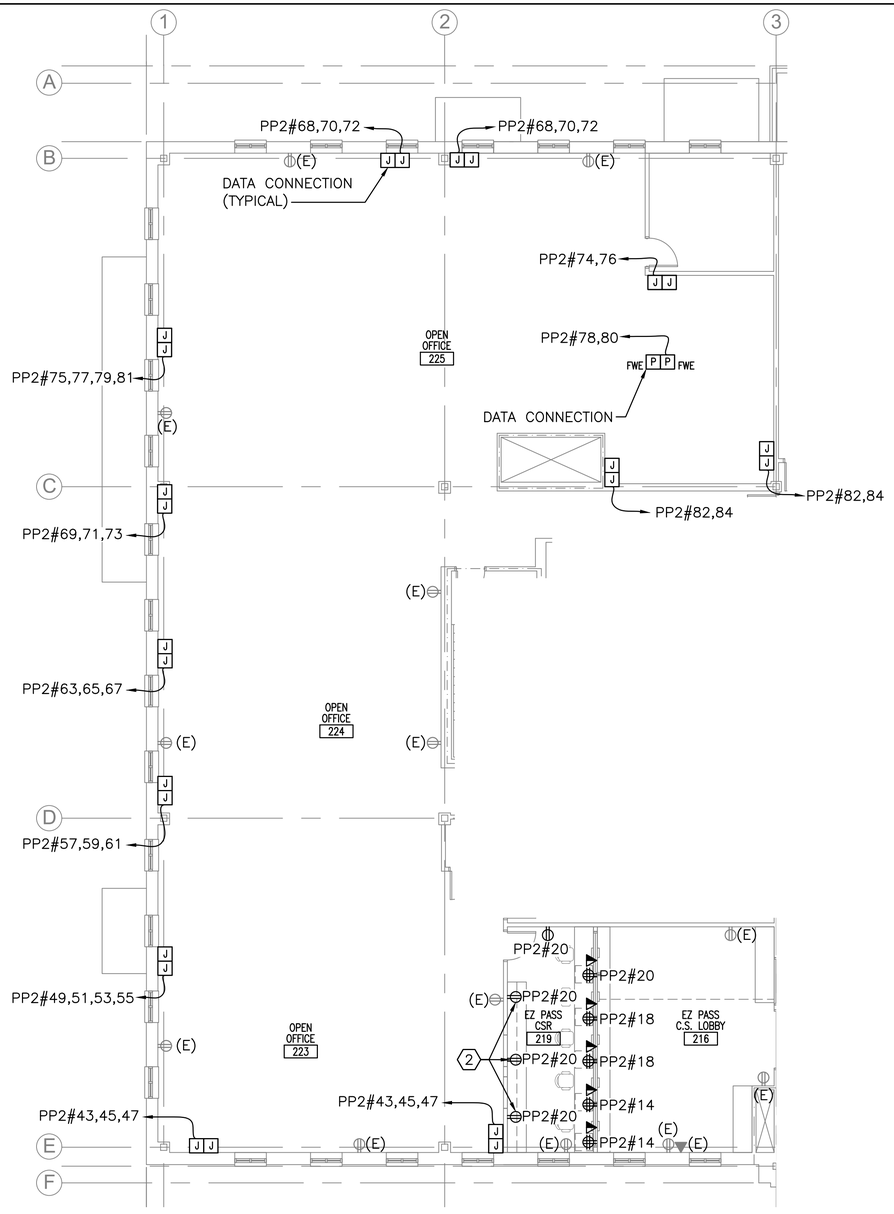
THE GOLD STAR MEMORIAL HIGHWAY

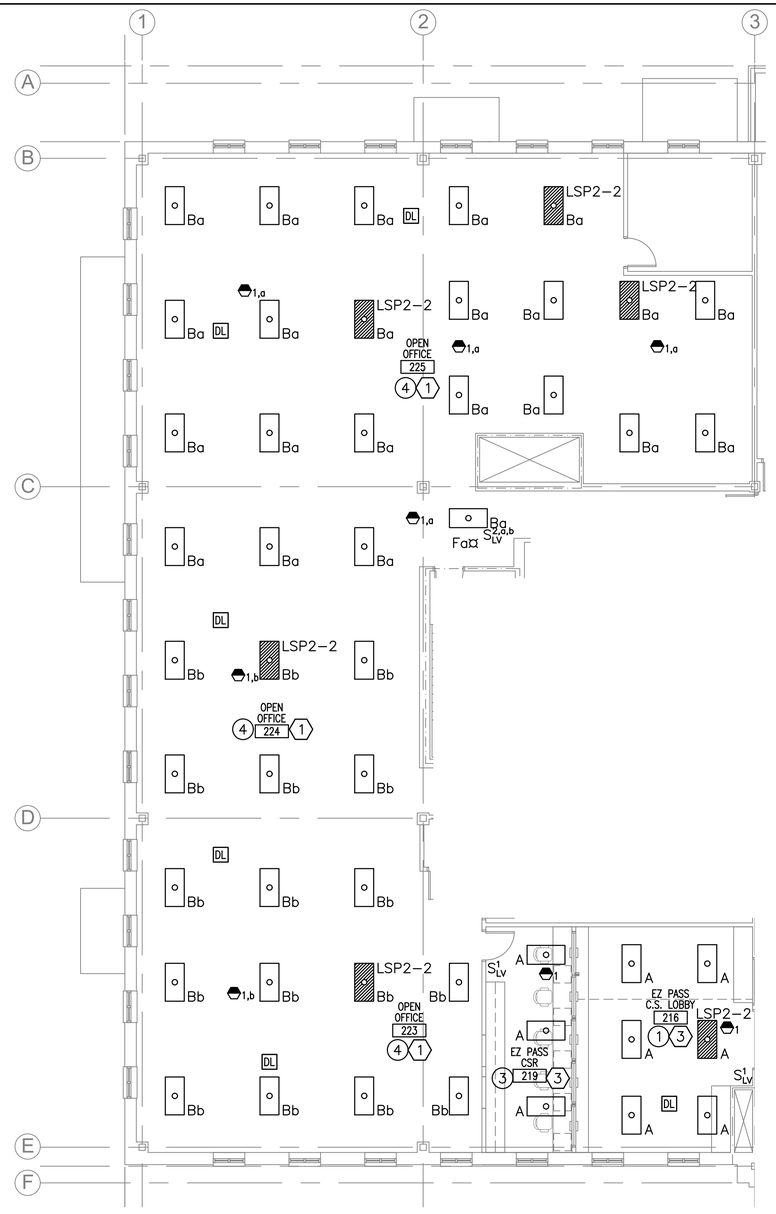
MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

PART PLANS

SHEET NUMBER: E-402

CONTRACT: 2023-XXX





NOTES:

1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. PROVIDE A SINGLE COMBO PHONE/DATA OUTLET WITH (3) DROPS PER WORKSTATION. INSTALL CABLING UTILIZING SYSTEM FURNITURE WIREWAY. HOMERUN CABLING TO T/D ROOM 206. PROVIDE PATCH PANELS AND INSTALL IN EXISTING DATA RACK. PROVIDE (2) TWO 5 FOOT PATCH CORDS PER DROP, ONE AT THE RACK AND ONE AT THE WORKSTATION.
3. PROVIDE CONNECTION TO SYSTEM FURNITURE WHIP. COORDINATE WITH FURNITURE PROVIDER.

KEYED NOTES:

(1) FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-1, UNLESS OTHERWISE NOTED.

(2) MOUNT RECEPTACLE 6" ABOVE COUNTER SURFACE.

(3) FIXTURES WITHIN THIS SPACE CONNECTED TO CIRCUIT LP2-6, UNLESS OTHERWISE NOTED.

1 / E-403 ROOMS 216,219,223,224,225 PART PLANS

SCALE: 1/8" = 1'-0"

JASON M. BEAULIEU No. 13441 LICENSED PROFESSIONAL ENGINEER STATE OF MAINE

02/26/24

PLAN NORTH

0 4' 8' 16'

Scale: 1/8" = 1'-0"

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

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Engineering & Design
47A York Street, Portland, ME 04101
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

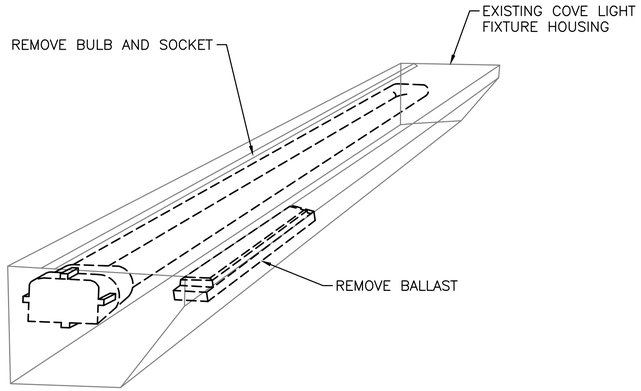
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

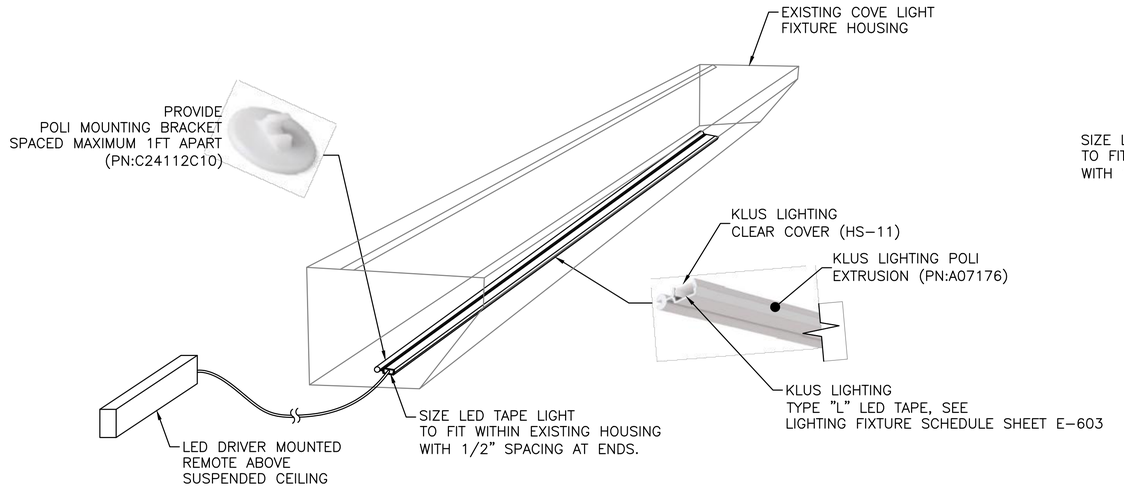
PART PLAN

SHEET NUMBER: E-403

CONTRACT: 2023-XXX



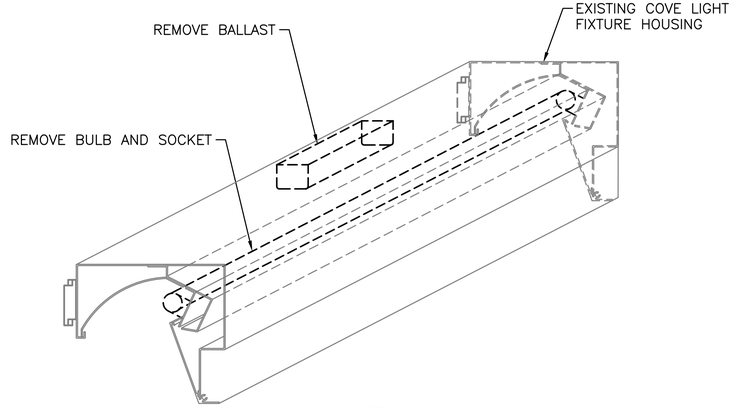
REMOVALS



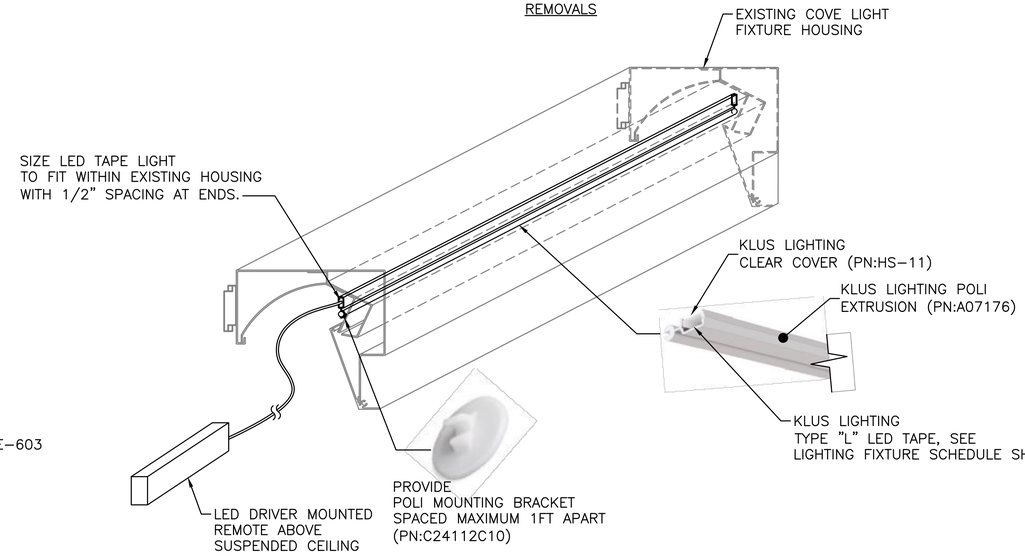
INSTALLATION

1 E-501 DETAIL—GALLERY 301 COVE FIXTURES

SCALE: NTS



REMOVALS



INSTALLATION

2 E-501 DETAIL—LOBBY 210 COVE FIXTURES

SCALE: NTS

Scale: AS NOTED

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MTA PROJECT MANAGER: MTA PROJ. MGR

THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

DETAILS

SHEET NUMBER: E-501

CONTRACT: 2023-XXX

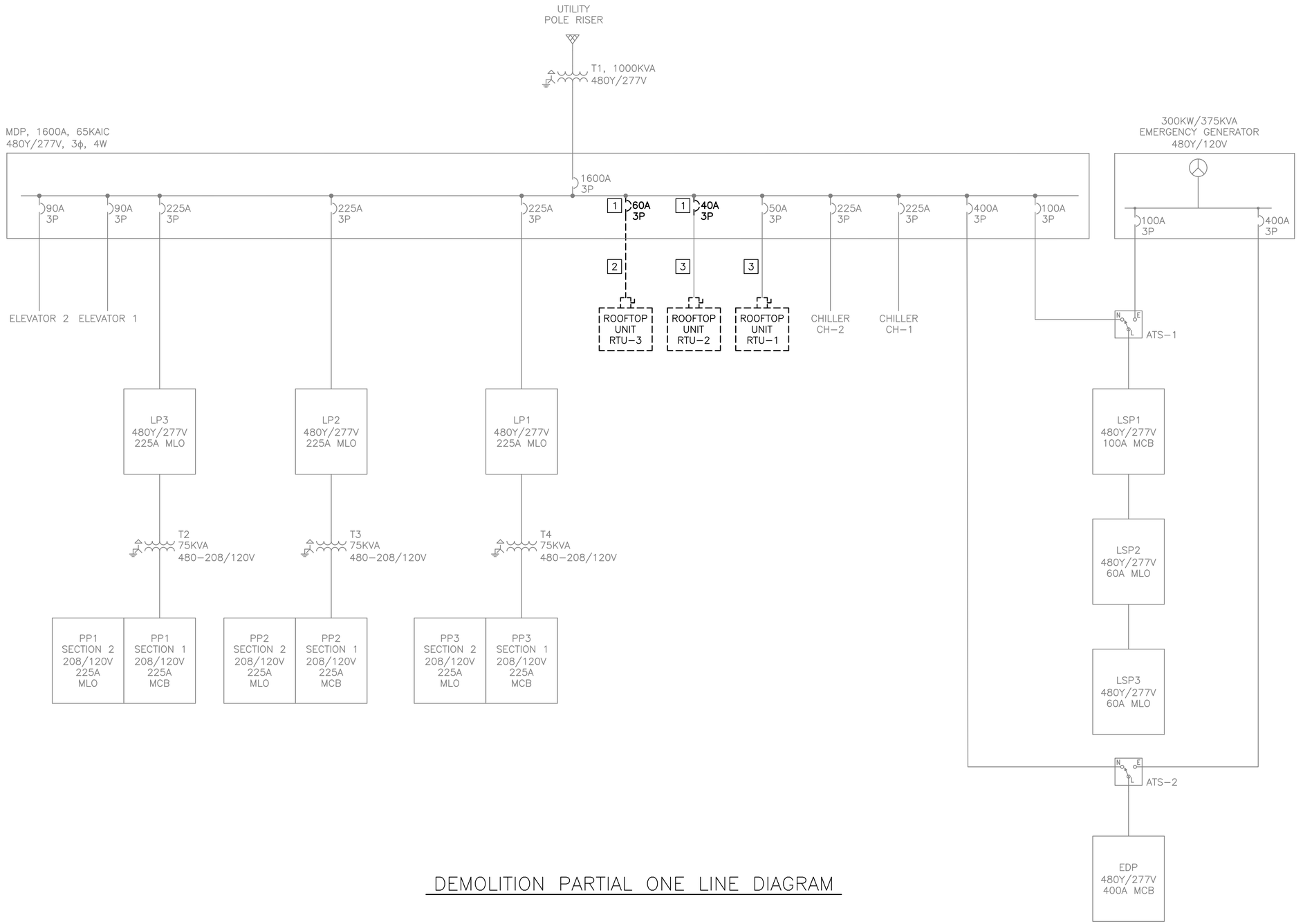
NOTES:
1. SEE E–001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. ONE LINE DIAGRAM PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EP651.

DEMOLITION KEYED NOTES:

1 REMOVE CIRCUIT BREAKER.

2 REMOVE CONDUCTORS, LEAVE CONDUIT PATHWAY FOR REUSE.

3 LEAVE CONDUCTORS AND CONDUIT PATHWAY FOR REUSE.



DEMOLITION PARTIAL ONE LINE DIAGRAM

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
LICENSED PROFESSIONAL ENGINEER
02/26/24

Scale: AS NOTED

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

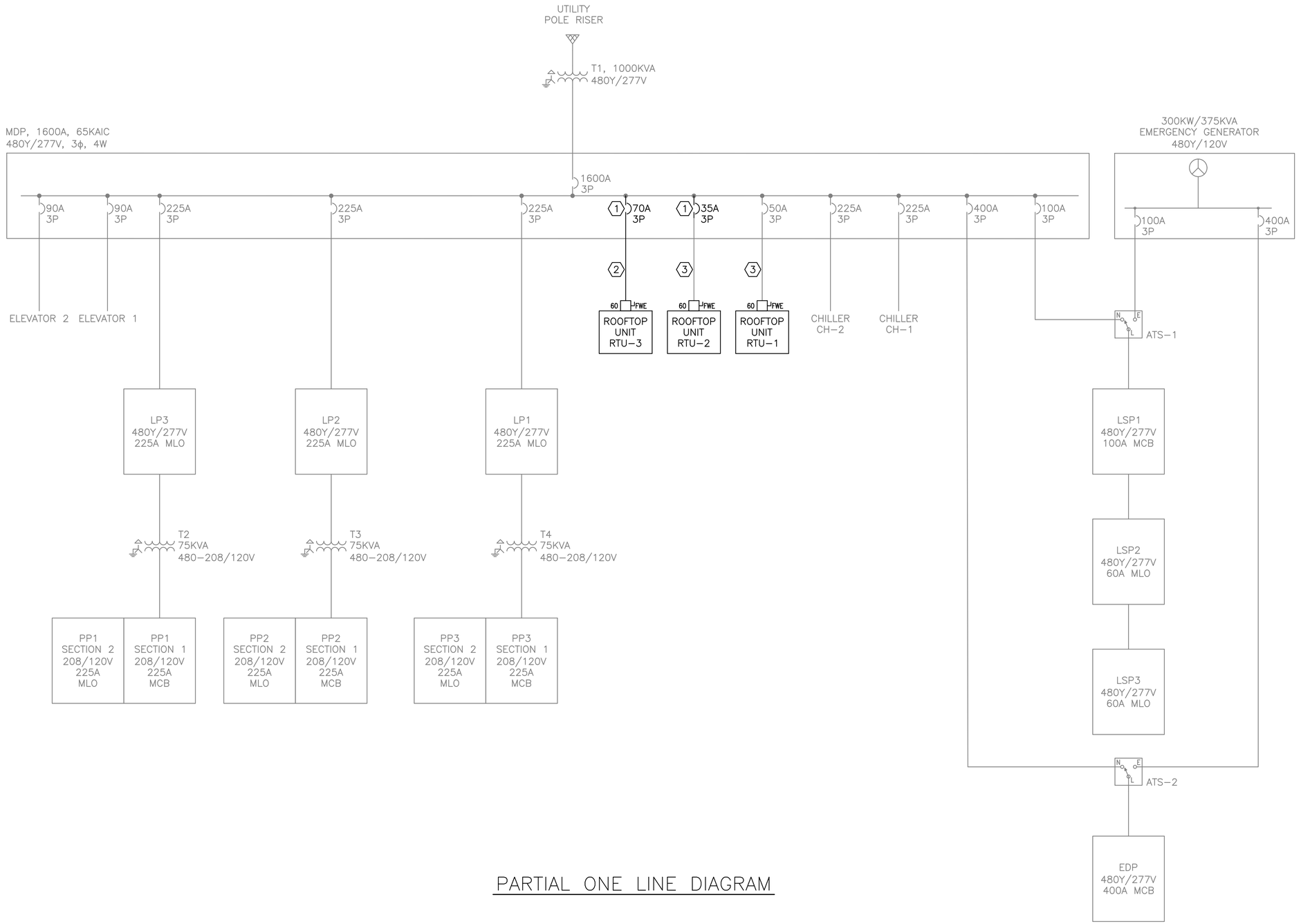
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

ONE-LINE DEMOLITION DIAGRAM

SHEET NUMBER: E-601

CONTRACT: 2023-XXX



NOTES:
1. SEE E–001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. ONE LINE DIAGRAM PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EP651.

KEYED NOTES:

(1) PROVIDE NEW CIRCUIT BREAKER.

(2) PROVIDE NEW CIRCUIT CONDUCTORS (3#4AWG, 1#8AWG G) IN EXISTING CONDUIT PATH.

(3) RECONNECT CONDUCTORS AND CONDUIT.

PARTIAL ONE LINE DIAGRAM

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
REGISTERED PROFESSIONAL ENGINEER
02/26/24

Scale: AS NOTED

No.	Revision	By	Date

Designed by:
COLBY COMPANY, LLC
Engineering & Design
47A York Street, Portland, ME 04101
207.553.7753

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

	By	Date		By	Date
Designed	JMB	04/21/23	Checked	JMB	04/21/23
Drawn	ACY	04/21/23	In Charge of		

COLBY COMPANY, LLC CCE engineering & design
47A York St
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

ONE-LINE DIAGRAM

SHEET NUMBER: E-602

CONTRACT: 2023-XXX

TYPE	DESCRIPTION	MANUFACTURER & MODEL (OR EQUAL)	VOLT	WATTAGE	LUMENS	COLOR TEMP.	MOUNTING	NOTES
A	2x4 LED ARCHITECTURAL TROFFER WITH CURVED ACRYLIC LENS, 5 YEAR WARRANTY, 0–10V DIMMING AND MATTE WHITE PAINT	COLUMBIA LIGHTING LCAT24–35MWG–EDU	277	30	3424	3500K	GRID	
B	2x4 LED HIGH OUTPUT ARCHITECTURAL TROFFER WITH CURVED ACRYLIC LENS, 5 YEAR WARRANTY, 0–10V DIMMING AND MATTE WHITE FINISH	COLUMBIA LIGHTING LCAT24–35LWG–EDU	277	36	4084	3500K	GRID	
C	4' LED INDUSTRIAL STRIP LIGHT WITH FROSTED ACRYLIC LENS, 5 YEAR WARRANTY, 0–10V DIMMING, SWITCHABLE LUMENS AND 5' ADJUSTABLE CABLE FOR SUSPENSION MOUNT.	COLUMBIA LIGHTING CSL4–LSCS–GLH5	277	38	4876	3500K	SUSPENDED	SET TO MEDIUM OUTPUT MOUNT 9FT AFF, UON.
D	4' LED VANITY FIXTURE WITH DOME ACRYLIC LENS, 5 YEAR WARRANTY, 0–10V DIMMING AND MATTE WHITE FINISH	LITECONTROL 67L–W–D–4–4–DM–C1–35K–D100–D01–C1–UNV	277	34	4000	3500K	SURFACE/ WALL	
E	8" LED WALL WASH DOWNLIGHT WITH 0–10V DIMMING, 5 YEAR WARRANTY AND SOFT SPECULAR CLEAR ALZAK LENS	PATHWAY LIGHTING 8SCALBV–10–35K–E2–M40–DA 8SCAH–SCLPF	277	9	900	3500K	RECESSED	
F	8" LED DOWNLIGHT WITH 0–10V DIMMING, 5 YEAR WARRANTY AND SOFT SPECULAR CLEAR LENS	PATHWAY LIGHTING 8VLFL2X110035K–8VLEDSCLPF	277	10	1100	3500K	RECESSED	
G	8' LED INDIRECT/DIRECT WALL FIXTURE WITH 5 YEAR WARRANTY, MATTE WHITE FINISH AND SOFT DIFFFUSE LENS LAMBERTIAN	LITECONTROL 2L–W–ID–LPAD–8'–08–SOF–C1–35K9–I030–D035–D01–1C–UNV	277	42	2400 UPLIGHT 2800 DOWNLIGHT	3500K	SURFACE/ WALL	
H	6" DOWNLIGHT WET LOCATION RATED	PATHWAY LIGHTING RM6SVLFL2X–1100–35K–E2–DA–RM6SVLED–WL2	277	12	1100	3500K	RECESSED	
J	CEILING MOUNT GLASS FIXTURE	LIGHTWAY CLPC–15–LED–F1L–3–W2–WSA	277	9	1400	3500K	SURFACE	
K	4' UNDERCABINET LIGHT	COLUMBIA CUC4–CS–ED120	277	24	1600	3500K	SURFACE	SET TO 3500K
L	LED TAPE IN EXTRUDED HOUSING	KLUS LIGHTING K–HEHD35–1920–24	277	5.9 W/FT	708 LM/FT	3500K	COVE	SEE DETAILS 1 & 2 SHEET E–501. PROVIDE KLUS LIGHTING ULTRA–30–24V DRIVERS AS REQUIRED, INSTALL IN ACCESSIBLE LOCATION. PROVIDE NECESSARY ACCESSORIES AND CONNECTORS FOR A COMPLETE SYSTEM.

LIGHTING FIXTURE SCHEDULE

1	CEILING MOUNTED, 360 DEGREE FIELD OF VIEW, DUAL TECH, 2000 SQFT COVERAGE
2	WALL MOUNTED SENSOR, 180 DEGREE FIELD OF VIEW, DUAL TECHNOLOGY, 1000 SQFT COVERAGE

S^1_{LV}	SINGLE GANG DECORATOR STYLE WITH 1 ON/OFF BUTTON, 2 DIMMING CONTROL BUTTONS
S^2_{LV}	SINGLE GANG DECORATOR STYLE WITH 2 ON/OFF BUTTONS, 2 DIMMING CONTROL BUTTONS
S^3_{LV}	SINGLE GANG DECORATOR STYLE WITH 1 ON/OFF BUTTON, 2 DIMMING CONTROL BUTTONS AND INTEGRAL DUAL TECH OCCUPANCY SENSOR AND DAYLIGHTING SENSOR

OCCUPANCY SENSOR TYPES

ZONE	ZONE DESCRIPTION	BRANCH CIRCUIT	OPERATING HOURS	RELAY LOCATION
S1	STANDBY PARKING LIGHTING AND SIGNAGE	LP1–1	DUSK TO DAWN	LC1
S2	NORMAL PARKING LIGHTING 1	LP1–3	DUSK TO 11 PM	LC1
S3	NORMAL PARKING LIGHTING 2	LP1–5	DUSK TO 11 PM	LC1
S4	LANDSCAPE	LP1–7	DUSK TO 11 PM	LC1
S5	FLAGS	LP1–7	DUSK TO DAWN	LC1
S6	FAÇADE	LP1–7	DUSK TO 11 PM	LC1
S7	STANDBY 1ST & 2ND FLOOR ENTRY CANOPIES	LP1–1	DUSK TO DAWN	LC1
S8	PATHWAY LIGHTS	LP1–1	DUSK TO 11 PM	LC1
S9	BUILDING SIGNAGE	LP2–9	DUSK TO 11 PM	LC1
S10	2ND FLOOR BALCONY CANOPIES	LP2–10	DUSK TO 11 PM	LC1
S11	BUILDING SIGNAGE	LP3–6	DUSK TO 11 PM	LC1
S12	3RD FLOOR BALCONY CANOPIES	LP3–6	DUSK TO 11 PM	LC1

WALL STATION TYPES

EXTERIOR LIGHTING SCHEDULE

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BUILDING IMPROVEMENTS PROJECT

SCHEDULES

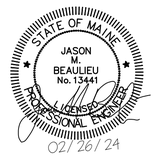
SHEET NUMBER: E-603

CONTRACT: 2023-XXX

TAG	SPACE TYPE	MANUAL CONTROL			AUTOMATIC CONTROLS				CONTROL SYSTEM TYPE	SEQUENCE:
		MANUAL ON	MANUAL OFF	DIMMING CONTROL	AUTO ON	AUTO OFF	DAYLIGHT CONTROL	FIRE ALARM OVERRIDE		
①	CORRIDORS LOBBY	YES	YES	YES	YES	YES	YES	YES	NETWORKED	MANUAL ON: LIGHTS CAN BE TURNED ON TO 70% MANUALLY VIA WALL STATION. MANUAL OFF: LIGHTS CAN BE TURNED OFF MANUALLY VIA WALL STATION.AUTO ON: LIGHTS WILL AUTOMATICALLY TURN ON TO 100% VIA LOCAL OCCUPANCY/VACANCY SENSOR(S). AUTO OFF: LIGHTS WILL AUTOMATICALLY DIM TO 50% OUTPUT VIA LOCAL OCCUPANCY/VACANCY SENSOR(S) AFTER THE SPACE HAS BEEN VACANT FOR 15 MINUTES. DAYLIGHT CONTROL : LIGHTS WILL BE DIMMED TO MAINTAIN 10FC AT THE FLOOR VIA LOCAL PHOTO SENSOR(S). NON-BUSINESS HOURS: LIGHTS WILL AUTOMATICALLY TURN FULL OFF AFTER THE SPACE HAS BEEN VACANT FOR 30 MINUTES.
②	STAIRS	–	–	–	YES	YES	–	YES	NETWORKED	AUTO ON: LIGHTS WILL AUTOMATICALLY TURN ON TO 100% VIA LOCAL OCCUPANCY/VACANCY SENSORS(S). AUTO OFF: LIGHTS WILL AUTOMATICALLY DIM TO 50% OUTPUT VIA LOCAL OCCUPANCY/VACANCY SENSOR(S) AFTER THE SPACE HAS BEEN VACANT FOR 20 MINUTES. NON-BUSINESS HOURS: LIGHTS WILL AUTOMATICALLY TURN FULL OFF AFTER THE SPACE HAS BEEN VACANT FOR 30 MINUTES.
③	PRIVATE OFFICES PRINT/COPY ROOMS RECEPTION	YES	YES	YES	–	YES	YES	–	NON NETWORKED	MANUAL ON: LIGHTS CAN BE TURNED ON TO 70% MANUALLY VIA WALL STATION. MANUAL OFF: LIGHTS CAN BE TURNED OFF MANUALLY VIA WALL STATION. MANUAL MULTI-LEVEL CONTROL : DIMMING CONTROL IS ACHIEVED MANUALLY VIA WALL STATION. DAYLIGHT CONTROL : LIGHTS WILL BE DIMMED TO MAINTAIN 30FC AT DESK HEIGHT VIA LOCAL PHOTO SENSOR(S). AUTO OFF: LIGHTS WILL AUTOMATICALLY TURN OFF VIA LOCAL OCCUPANCY/VACANCY SENSOR(S) AFTER THE SPACE HAS BEEN VACANT FOR 15 MINUTES.
④	OPEN OFFICES (2,500SQFT ZONES)	YES	YES	YES	YES	YES	YES	YES	NETWORKED	MANUAL ON: LIGHTS CAN BE TURNED ON TO 70% MANUALLY VIA WALL STATION. MANUAL OFF: LIGHTS CAN BE TURNED OFF MANUALLY VIA WALL STATION. MANUAL MULTI-LEVEL CONTROL : DIMMING CONTROL IS ACHIEVED MANUALLY VIA WALL STATION. DAYLIGHT CONTROL : LIGHTS WILL BE DIMMED TO MAINTAIN 30FC AT DESK HEIGHT VIA LOCAL PHOTO SENSOR(S). AUTO ON: LIGHTS WILL AUTOMATICALLY TURN ON TO 50% VIA LOCAL OCCUPANCY/VACANCY SENSOR(S). AUTO OFF: LIGHTS WILL AUTOMATICALLY TURN OFF VIA LOCAL OCCUPANCY/VACANCY SENSOR(S) AFTER THE SPACE HAS BEEN VACANT FOR 15 MINUTES. NON-BUSINESS HOURS: MANUAL ON TO 50% VIA WALL STATION, NO AUTO ON. PRE-PROGRAMMED SCENE 1 : ALL LIGHTS ON AT 70% PRE-PROGRAMMED SCENE 2 : ALL LIGHTS ON AT 50%
⑤	CONFERENCE ROOMS	YES	YES	YES	–	YES	YES	–	NON NETWORKED	MANUAL ON: LIGHTS CAN BE TURNED ON TO 70% MANUALLY VIA WALL STATION. MANUAL OFF: LIGHTS CAN BE TURNED OFF MANUALLY VIA WALL STATION. MANUAL MULTI-LEVEL CONTROL : DIMMING CONTROL IS ACHIEVED MANUALLY VIA WALL STATION. DIMMING CONTROL : LIGHTS WILL BE DIMMED TO MAINTAIN 30FC AT DESK HEIGHT VIA LOCAL PHOTO SENSOR(S). AUTO OFF: LIGHTS WILL AUTOMATICALLY TURN OFF VIA LOCAL OCCUPANCY/VACANCY SENSOR(S) AFTER THE SPACE HAS BEEN VACANT FOR 15 MINUTES. PRE-PROGRAMMED SCENE 1 : ALL LIGHTS ON AT 70% (LABELED AS "ON" BUTTON) PRE-PROGRAMMED SCENE 2 : TURN OFF LIGHTS OVER THE TV'S
⑥	RESTROOMS SHOWERS	–	–	–	YES	YES	–	–	NON NETWORKED	AUTO ON: LIGHTS WILL AUTOMATICALLY TURN ON VIA LOCAL OCCUPANCY/VACANCY SENSOR(S). AUTO OFF: LIGHTS WILL AUTOMATICALLY TURN OFF VIA LOCAL OCCUPANCY/VACANCY SENSOR(S) AFTER THE SPACE HAS BEEN VACANT FOR 15 MINUTES.
⑦	BREAKROOM LOUNGE LOCKERS STORAGE CLOSET JANITOR	YES	YES	YES	–	YES	YES	YES	NON NETWORKED	MANUAL ON: LIGHTS CAN BE TURNED ON TO 70% MANUALLY VIA WALL STATION. MANUAL OFF: LIGHTS CAN BE TURNED OFF MANUALLY VIA WALL STATION. MANUAL MULTI-LEVEL CONTROL : DIMMING CONTROL IS ACHIEVED MANUALLY VIA WALL STATION. AUTO OFF: LIGHTS WILL AUTOMATICALLY TURN OFF VIA LOCAL OCCUPANCY/VACANCY SENSOR(S) AFTER THE SPACE HAS BEEN VACANT FOR 15 MINUTES. DAYLIGHT CONTROL : LIGHTS WILL BE DIMMED TO MAINTAIN 20FC AT THE FLOOR VIA LOCAL PHOTO SENSOR(S).
⑧	ELECTRICAL MECHANICAL TELECOMMUNICATIONS	YES	YES	–	–	–	–	–	STANDALONE	MANUAL ON: LIGHTS CAN BE TURNED ON MANUALLY VIA LOCAL TOGGLE SWITCH. MANUAL OFF: LIGHTS CAN BE TURNED OFF MANUALLY VIA LOCAL TOGGLE SWITCH.
	EXTERIOR	YES	YES	–	YES	YES	–	–	NETWORKED	MANUAL ON: LIGHTS CAN BE TURNED ON MANUALLY FOR VIA LOCAL OVERRIDE SWITCH. AFTER 2 HOURS RETURN TO PROGRAMMED SCHEDULE. MANUAL OFF: LIGHTS CAN BE TURNED OFF MANUALLY VIA LOCAL OVERRIDE SWITCH. AUTO ON: LIGHTS WILL AUTOMOATICALLY TURN ON AT DUSK. AUTO OFF: LIGHTS WILL AUTOMATICALLY TURN OFF PER EXTERIOR LIGHTING SCHEDULE.

NOTES:
1. PROVIDE UL-924 BYPASS RELAYS FOR LIGHTING ZONES POWERED FROM EMERGENCY, LIFE SAFETY POWER SOURCES
2. PROVIDE ALL POWER PACKS, RELAYS, AND SENSORS REQUIRED TO MEET SEQUENCE.
3. VERIFY FINAL SENSOR LAYOUT PER MANUFACTURERS SPECIFICATIONS.
4. DAYLIGHTING SENSORS TO CONTROL OUTER PERIMETER LIGHTS OF CONTROLLED ZONE.

LIGHTING CONTROL SEQUENCE OF OPERATION



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THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

SCHEDULES

SHEET NUMBER: E-604

CONTRACT: 2023-XXX

PANELBOARD NO:	PP2 SECTION 1 (EXISTING)	SC RATING:	10,000 AIC
PANELBOARD TYPE:	SQUARE D, NQOD SERIES E3	MOUNTING:	SURFACE
PANEL LOCATION:	ELECTRICAL 207	VOLTAGE:	208Y/120V, 3PH, 4W
SUPPLIED FROM:	LP2		

225 AMP MAIN
225 AMP BUS (COPPER)

CKT NO.	TRIP AMPS	NO. POLES	WIRE SIZE	CONDUIT SIZE	LOAD SERVED	LOAD VA	ϕ	LOAD VA	LOAD SERVED	WIRE SIZE	CONDUIT SIZE	NO. POLES	TRIP AMPS	CKT NO.
1	20	1			RECEPT – 241		A		ATM			1	20	2
3	20	1			RECEPT – 242		B		RECEPT – 233,234,243,246			1	20	4
5	20	1			RECEPT – 2423 COPIER		C	180	RECEPT – 259	(2) #12AWG, (1) #12 GND	3/4"	1	20	6
7	20	1			RECEPT – 244		A		RECEPT – 214, 215, CUH–3			1	20	8
9	20	1			FURNITURE – 244		B		SPARE			1	20	10
11	20	1			FURNITURE – 244		C		RECEPT – 201, 201C			1	20	12
13	20	1			FURNITURE – 244		A	720	RECEPT – CKT 1 – 219 (*)	(2) #12AWG, (1) #12 GND	3/4"	1	20	14
15	20	1			FURNITURE – 248		B		PRINTER			1	20	16
17	20	1			SPARE		C	720	RECEPT – CKT 2 – 219 (*)	(2) #12AWG, (1) #12 GND	3/4"	1	20	18
19	20	1			RECEPT – 247,248,253, 255		A	900	RECEPT – CKT 3 – 219 (*)	(2) #12AWG, (1) #12 GND	3/4"	1	20	20
21	20	1			RECEPT – 249		B		SPARE			1	20	22
23	20	1			SPARE		C		SPARE			1	20	24
25	20	1			SPARE		A		RECEPT – 220			1	20	26
27	20	1			RECEPT – 257		B		RECEPT – 220 MAIL MACHINE			1	20	28
29	20	1			RECEPT – 257 MAIL MACHINE		C		RECEPT – 220 MAIL MACHINE			1	20	30
31	20	1			RECEPT – EXTERIOR GFCI		A		RECEPT – 220 COPIER			2	20	32
33	20	1			EXT. GFCI		B							34
35	20	3			COPIER 257		C		WATER COOLER			1	20	36
37							A		RECEPT – 223, 224			1	20	38
39							B		RECEPT – 224, 225			1	20	40
41	20	1			COPIER 257		C		RECEPT – 228			1	20	42

TOTAL PHASE A LOAD = 1.6 kVA
TOTAL PHASE B LOAD = 0.0 kVA
TOTAL PHASE C LOAD = 0.9 kVA
TOTAL CONNECTED LOAD = 2.5 kVA

NOTES: (*) REUSE BREAKER AND UPDATE PANEL SCHEDULE.

STATE OF MAINE
JASON M. BEAULIEU
No. 13441
LICENSED PROFESSIONAL ENGINEER
02/26/24

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MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

SCHEDULE PANEL PP2-A

SHEET NUMBER: E-605

CONTRACT: 2023-XXX

	PANELBOARD NO:	PP2 SECTION 2 (EXISTING)	SC RATING:	10,000 AIC		
	PANELBOARD TYPE:	SQUARE D, NQOD SERIES E2	MOUNTING:	SURFACE	225	AMP MAIN LUGS
	PANEL LOCATION:	ELECTRICAL 207	VOLTAGE:	208Y/120V, 3PH, 4W	225	AMP BUS (COPPER)
	SUPPLIED FROM:	PP2–A				

CKT NO.	TRIP AMPS	NO. POLES	WIRE SIZE	CONDUIT SIZE	LOAD SERVED	LOAD VA	ϕ	LOAD VA	LOAD SERVED	WIRE SIZE	CONDUIT SIZE	NO. POLES	TRIP AMPS	CKT NO.
43						400	A		FURNITURE 227			1	20	44
45	20	3	(3) #12AWG, (1) #10AWG NEUT, (1) #12 GND	3/4"	FURNITURE SOUTH CKT 1 – 223	400	B		RECEPT – 227			1	20	46
47						400	C		RECEPT – 227			1	20	48
49						400	A		RECEPT – 227			1	20	50
51	20	3	(3) #12AWG, (1) #10AWG NEUT, (1) #12 GND	3/4"	FURNITURE NORTH CKT 1 – 223	400	B		HEAT TRACE			1	20	52
53						400	C		TRACK LIGHTING 201			1	20	54
55	20	1	(2) #12AWG, (1) #12 GND	3/4"	FURNITURE NORTH CKT 2 – 223 (*)(**)	400	A		BLDG. SIGNAGE LIGHTS S&E WALLS			1	20	56
57						400	B		LTG. DISPLAY CASES 214, 215			1	20	58
59	20	3	(3) #12AWG, (1) #10AWG NEUT, (1) #12 GND	3/4"	FURNITURE SOUTH CKT 1 – 224	400	C		RECEPT – 241 COPIER			1	20	60
61						400	A		TRACK LIGHTING 201			1	20	62
63						400	B		TRACK LIGHTING 201			1	20	64
65	20	3	(3) #12AWG, (1) #10AWG NEUT, (1) #12 GND	3/4"	FURNITURE NORTH CKT 1 – 224	400	C		SPARE			1	20	66
67						400	A	400	FURNITURE NORTH CKT 1 – 225	(3) #12AWG, (1) #10AWG NEUT, (1) #12 GND	3/4"	3	20	68
69						400	B	400						70
71	20	3	(3) #12AWG, (1) #10AWG NEUT, (1) #12 GND	3/4"	FURNITURE SW CKT 1 – 225	400	C	400						72
73						400	A	400	FURNITURE EAST TOP ROW – 225	(2) #12AWG, (1) #12 GND	3/4"	2	20	74
75						400	B	400						76
77	20	3	(3) #12AWG, (1) #10AWG NEUT, (1) #12 GND	3/4"	FURNITURE WEST CKT 1 – 225	400	C	400	FURNITURE EAST MIDDLE ROW – 225	(2) #12AWG, (1) #12 GND	3/4"	2	20	78
79						400	A	400						80
81	20	1	(2) #12AWG, (1) #12 GND	3/4"	FURNITURE WEST CKT 2 – 225 (*)	400	B	400	FURNITURE EAST BOTTOM ROW – 225	(2) #12AWG, (1) #12 GND	3/4"	2	20	82
83	20	1			SPARE	400	C	400						84

TOTAL PHASE A LOAD =	4.0	kVA	NOTES: (*) REUSE BREAKER AND UPDATE PANEL SCHEDULE.
TOTAL PHASE B LOAD =	4.0	kVA	
TOTAL PHASE C LOAD =	4.0	kVA	
TOTAL CONNECTED LOAD =	12.0	kVA	

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MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

SCHEDULE PANEL PP2-B

SHEET NUMBER: E-606

CONTRACT: 2023-XXX