

LOCATION MAP

APPROVED:
MAINE TURNPIKE AUTHORITY


PETER S. MERFELD, P.E. - CHIEF OPERATIONS OFFICER

02-26-24
DATE


JOHN P. SIRAIIS, CHIEF FINANCIAL OFFICER

2/26/2024
DATE



THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

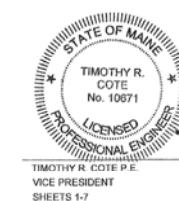
DANIEL E. WATHEN, CHAIR
MICHAEL J. CIANCHETTE, VICE CHAIR
JANE L. LINCOLN, MEMBER
THOMAS J. ZUKE, MEMBER
ANDREW MCLEAN, MEMBER
BETTYANN SHEATS, MEMBER
BRUCE A. VAN NOTE, MEMBER EX-OFFICIO

S. PETER MILLS, EXECUTIVE DIRECTOR

CONTRACT 2023.10 MTA HEADQUARTERS BUILDING IMPROVEMENTS PROJECT

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HNTB




2/26/2024
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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 PERMANENT 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.

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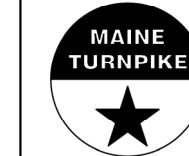
No.	Revision	By	Date

Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

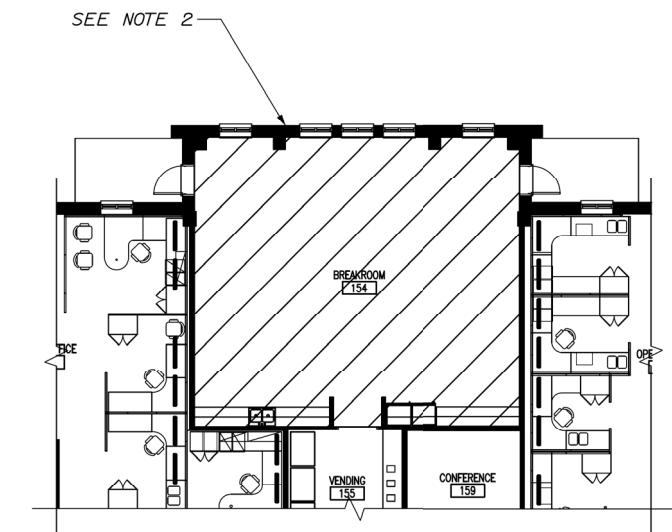
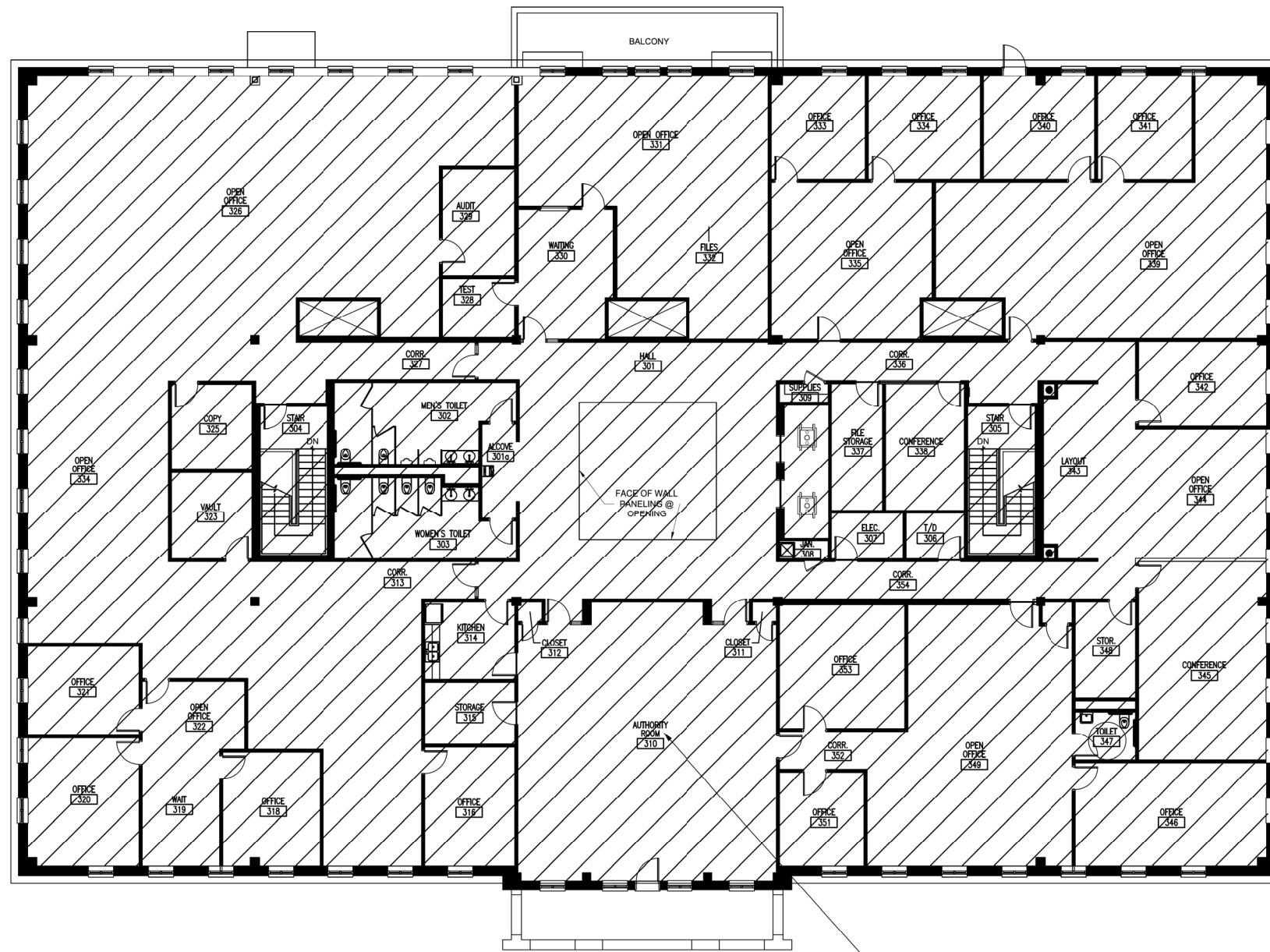
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
GENERAL NOTES/ESTIMATED QUANTITIES

SHEET NUMBER: G-001

CONTRACT:2023.10

2 OF 70

Date:2/26/2024



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.I.3, LIMITATIONS OF OPERATIONS FOR ADDITIONAL REQUIREMENTS.

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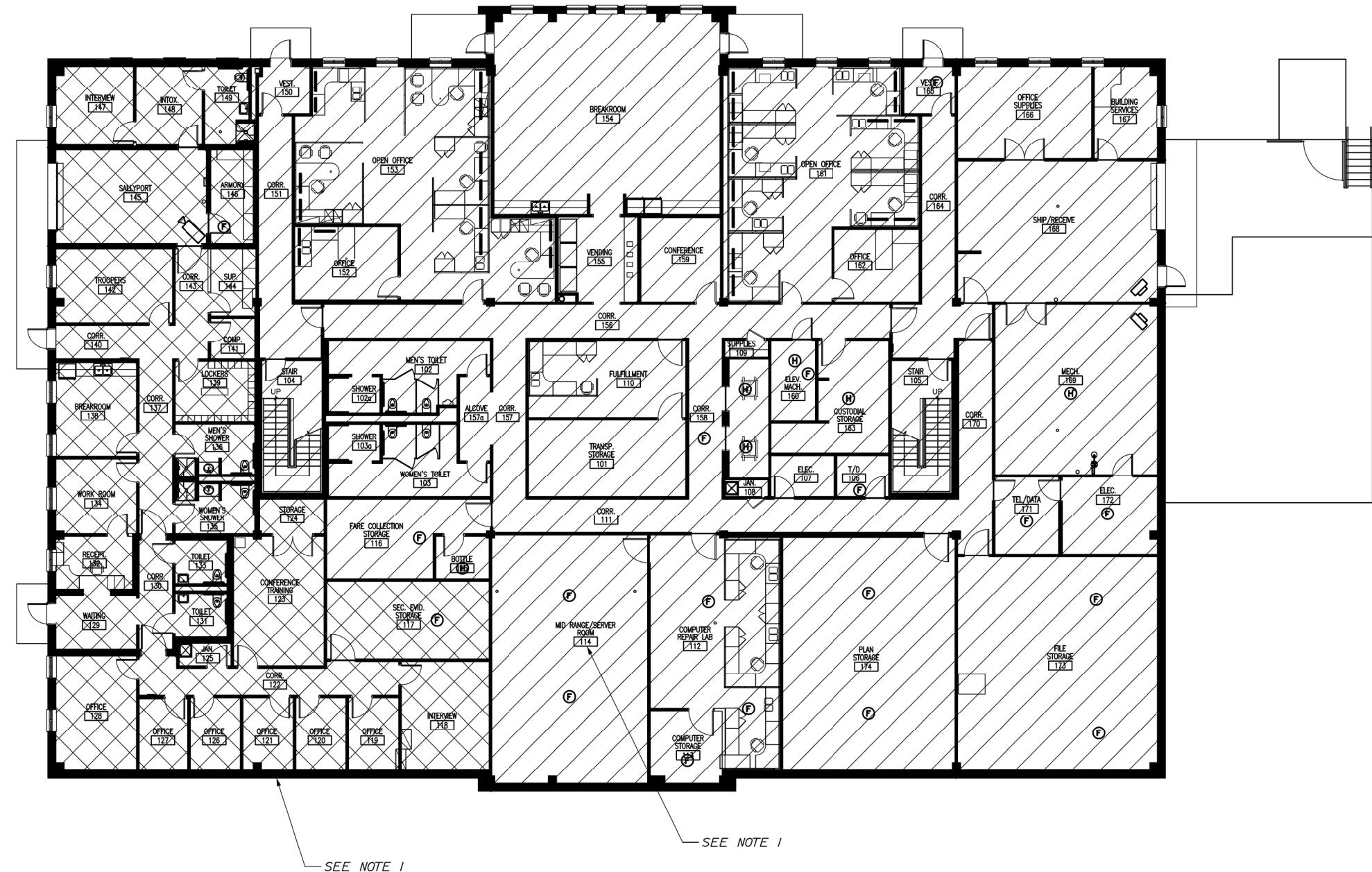
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
CONCEPTUAL CONSTRUCTION PHASING
PHASE 1: THIRD FLOOR

SHEET NUMBER: G-002

CONTRACT:2023.10

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Date:2/26/2024

LEGEND

MTA CONSTRUCTION AREA
 STATE POLICE CONSTRUCTION AREA

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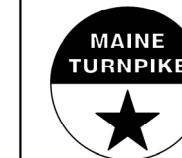
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THE GOLD STAR
MEMORIAL HIGHWAY

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MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
CONCEPTUAL CONSTRUCTION PHASING
PHASE 3: FIRST FLOOR

SHEET NUMBER: G-004

CONTRACT:2023.10

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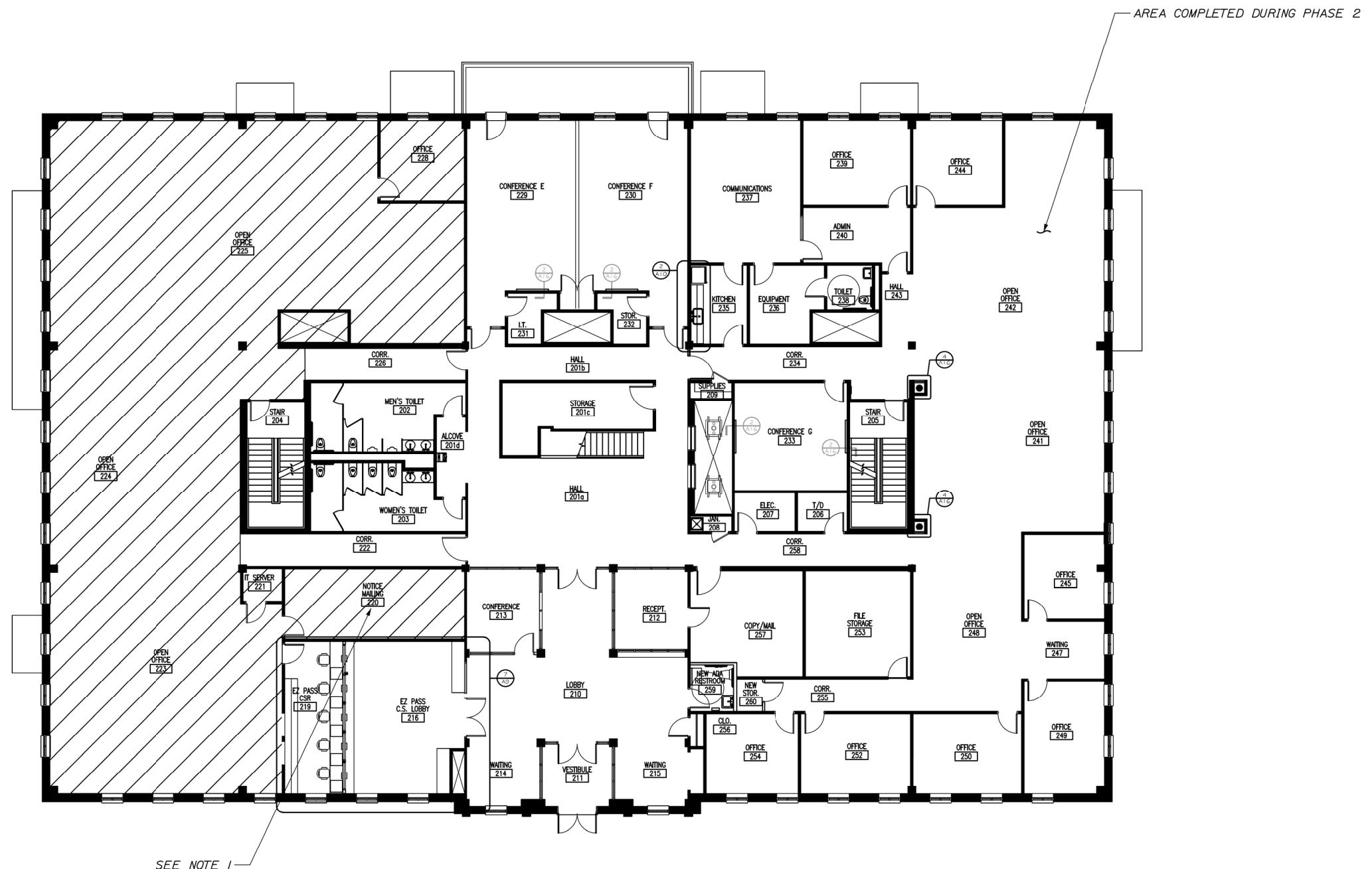
NOTES:

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.

Date:2/26/2024



LEGEND

 CONSTRUCTION AREA

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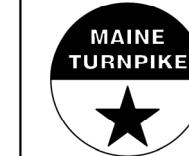
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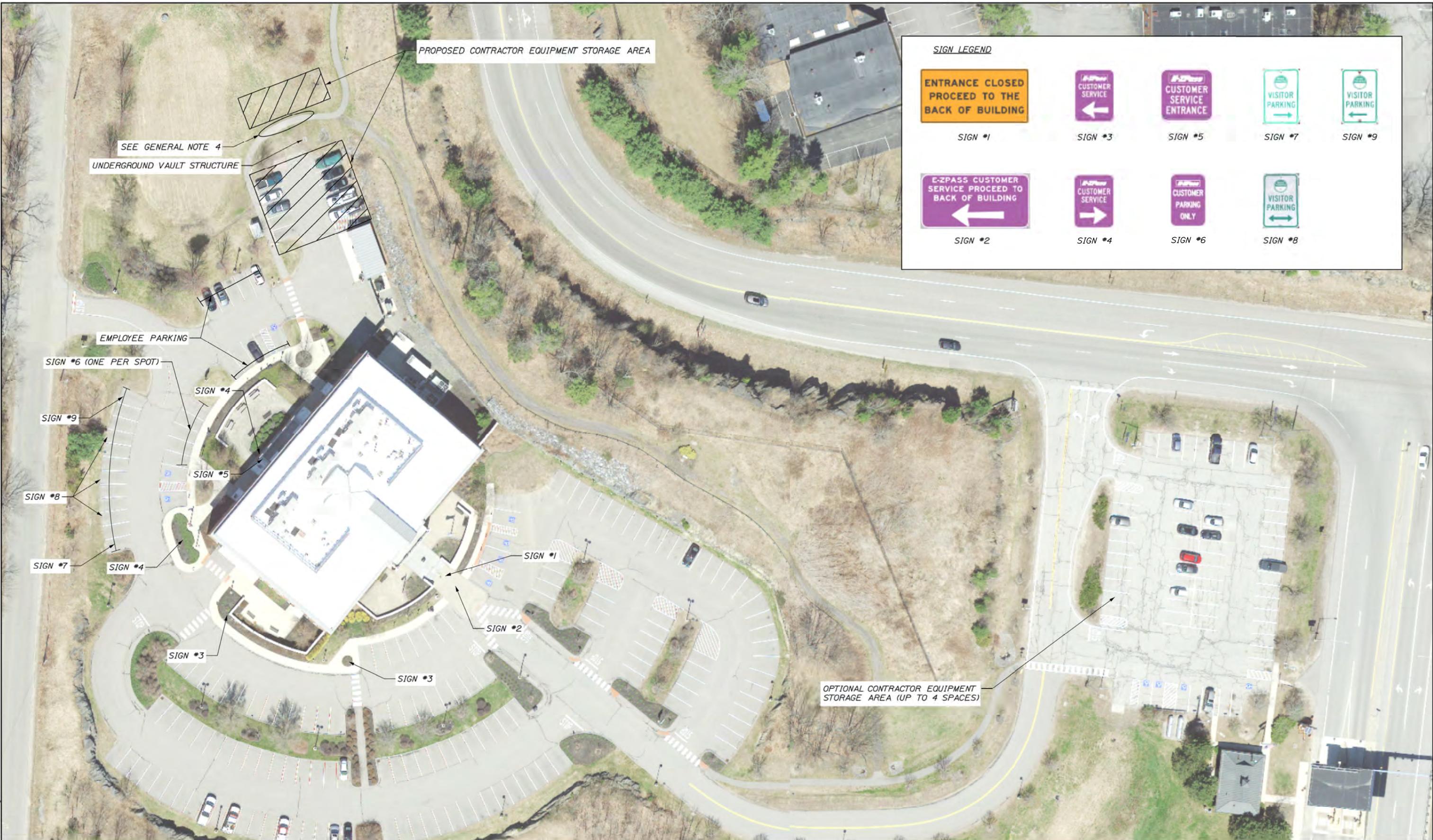
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MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
CONCEPTUAL CONSTRUCTION PHASING
PHASE 4: SECOND FLOOR CALL CENTER
SHEET NUMBER: G-005
CONTRACT:2023.10
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NOTES:

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 15TH OF EACH MONTH DURING THE DURATION OF THE PROJECT. IF THE 5TH, 10TH, OR 15TH 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.



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THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PROPOSED CONTRACTOR
STAGING AND PARKING AREAS

CONTRACT:2023.10

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CODE ANALYSIS

NFPA 101 Life Safety Code - 2018 / 2021 Edition		NFPA 101 Life Safety Code - 2018 / 2021 Edition (cont.)		2015 International Building Code (cont.)	
Building Classification:	54,624 sf Business - Professional Offices (Existing Use-2012)	Interior Wall/Ceiling Finishes Class:	Class A or B in Exits or Exit Corridors. Class A, B, or C in all other areas.	Fire Resistance Ratings:	
Hazard Classification:	Ordinary Hazard	Interior Floor Finishes Class:	Class I or II in Exits or Exit Corridors.	Load Bearing Exterior Walls:	None
Construction Type:	Type 2B (000); Sprinkled			Load Bearing Interior Walls:	None
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			Floor/Roof Structure:	None
Janitor, Mech & Storage Rooms:	1 hour minimum			Internal Structural Frame:	None
Egress Stair Rating:	1 hour minimum			Minimum Number of Exits:	2
Elevator Shaft Rating:	1 hour minimum			Maximum Dead-End Corridor Length:	50'
Building Uses	Business; Sprinkled			Maximum Common Travel Path:	75'
Max. Allowable Travel Distance:	300'			Maximum Travel Distance:	300'
Max. Allowable Common Path:	100'			Minimum Corridor Width:	36"
Max. Dead End Corridor Length:	50'			Minimum Ceiling Height:	7'-6"
Minimum Egress Corridor Width:	36" clear			Fire Alarm System:	Required
Minimum Number of Required Exits	2			Fire Sprinkler System:	Required
Minimum Egress Door Width:	36"			Portable Fire Extinguishers:	Required
Exit Lighting:	Required			Exit Lighting:	Required
Emergency Lighting:	Required			Emergency Lighting:	Required
Fire Alarm System:	Required			Exit Devices/Panic Hardware:	Required
Fire Sprinkler System:	Not Required (Existing Use)				
Portable Fire Extinguishers:	Required				
Exit Devices/Panic Hardware	Required				
<u>Building Limitations</u>		<u>Building Limitations</u>		<u>Building Live Loads</u>	
Construction Type:		Construction Type:		Office:	
Maximum Height:		Type IIB - Multiple Story; Sprinkled		50 psf	
Maximum Area / Floor:		75'; 4 stories		Lobbies:	
Actual Area/Height:		69,000 sf		100 psf	
		54,624 sf @ 3 Stories (Existing)		Corridors:	
				80 psf	
<u>Interior Finish Requirements</u>		<u>Interior Finish Requirements</u>		<u>Business B - Non-Sprinkled</u>	
Exit enclosures/passageways		Class A or B			
Corridors		Class B			
Rooms & enclosed spaces		Class C			

ABBREVIATIONS

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

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 $\frac{1}{8}$ " 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. 1. THE LOCATION OF ANY DOOR JAMBS NOT DIMENSIONED SHALL BE 6" FROM ADJACENT PERPENDICULAR WALL.
2. 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

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S)
TITLE
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SYMBOLS

	ROOM NUMBER
	DOOR NUMBER
	WINDOW NUMBER
	BUILDING SECTION
	WALL SECTION
	DETAIL SECTION
	CASEWORK ELEVATION
	INTERIOR ELEVATION
	VERTICAL ELEVATION
	PARTITION TYPE
	STRUCTURAL CENTERLINE

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- A-18 TEMPORARY EZ-PASS CUSTOMER SERVICE AREA PLAN & DETAILS
- A-19 CALL CENTER FURNITURE PLAN

Scale: NO SCALE

Designed by:

A circular seal for an architect. The outer ring contains the text "LEEDS & ARCHITECT" at the top and bottom. The inner circle contains "Michael F. Hays" on top and "No. 1724" on the bottom. There are small decorative symbols on the left and right sides of the inner circle.



Michael F. Hays, RA

CONSULTANT PROJECT MANAGER: TIM COTE, R.E. - H



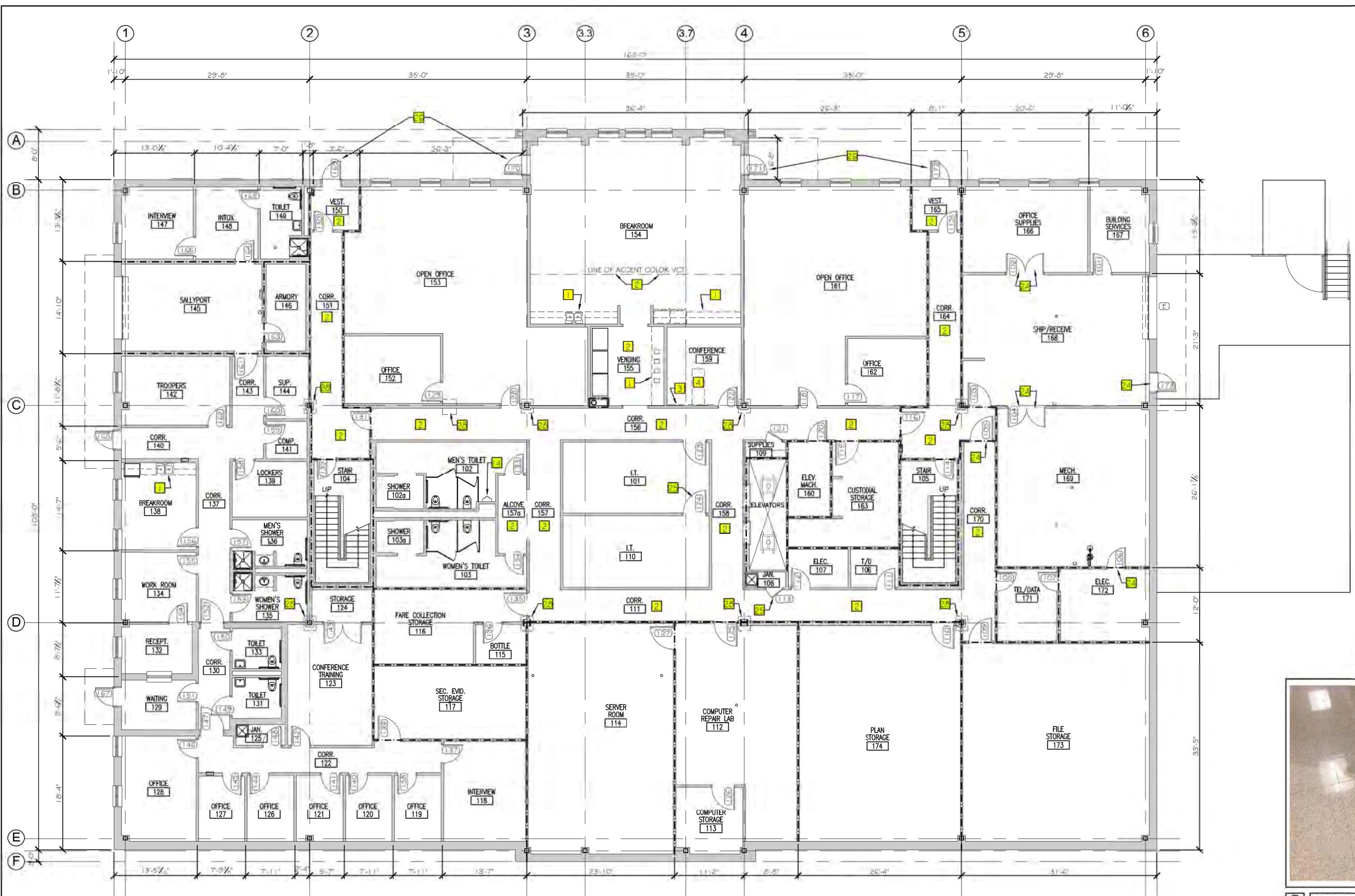
THE GOLD STAR MEMORIAL HIGHWAY

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

SHEET NUMBER: A-0

8 OF 70

Scale: NO SCALE				Designed by:			
				 Michael F. Hays, RA			
No.	Revision	By	Date				
				CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB			
				Designed	By	Date	
				MFH	02/26/24	Checked	
				Drawn	MGK	02/26/24	In Charge of



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

Designed by:



Michael F. Hays, RA

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

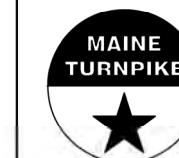
By Date

Designed MFH 02/26/24 Checked MFH 02/26/24

Drawn MGK 02/26/24 In Charge of

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
EXISTING/DEMOLITION
FIRST FLOOR PLAN

SHEET NUMBER: AD-1

9 OF 70



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

Designed by:



Michael F. Hays, RA

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

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**THE GOLD STAR
MEMORIAL HIGHWAY**

**MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
EXISTING/DEMOLITION
SECOND FLOOR PLAN**

SHEET NUMBER: AD-2

CONTRACT: 2023.10

10 OF 70



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

Designed by:



Michael F. Hays, RA

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

No.	Revision	By	Date

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

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THE GOLD STAR
MEMORIAL HIGHWAY

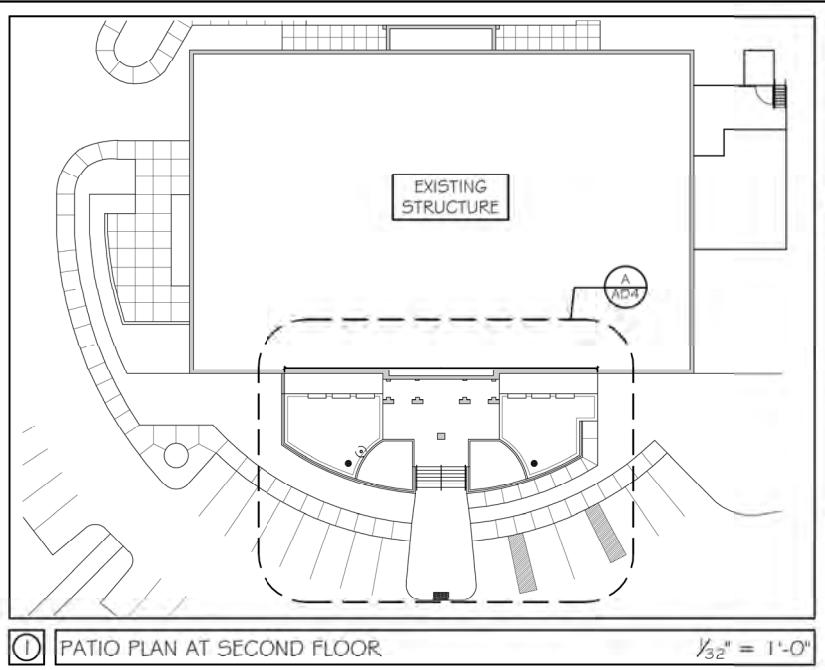
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
EXISTING/DEMOLITION
THIRD FLOOR PLAN

SHEET NUMBER: AD-3

CONTRACT: 2023.10

11 OF 70



(1) PATIO PLAN AT SECOND FLOOR

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 ENGINEERS APPROVAL OF COMPLETION OF MASONRY WORK PRIOR TO REINSTALLATION.



PLAN NORTH

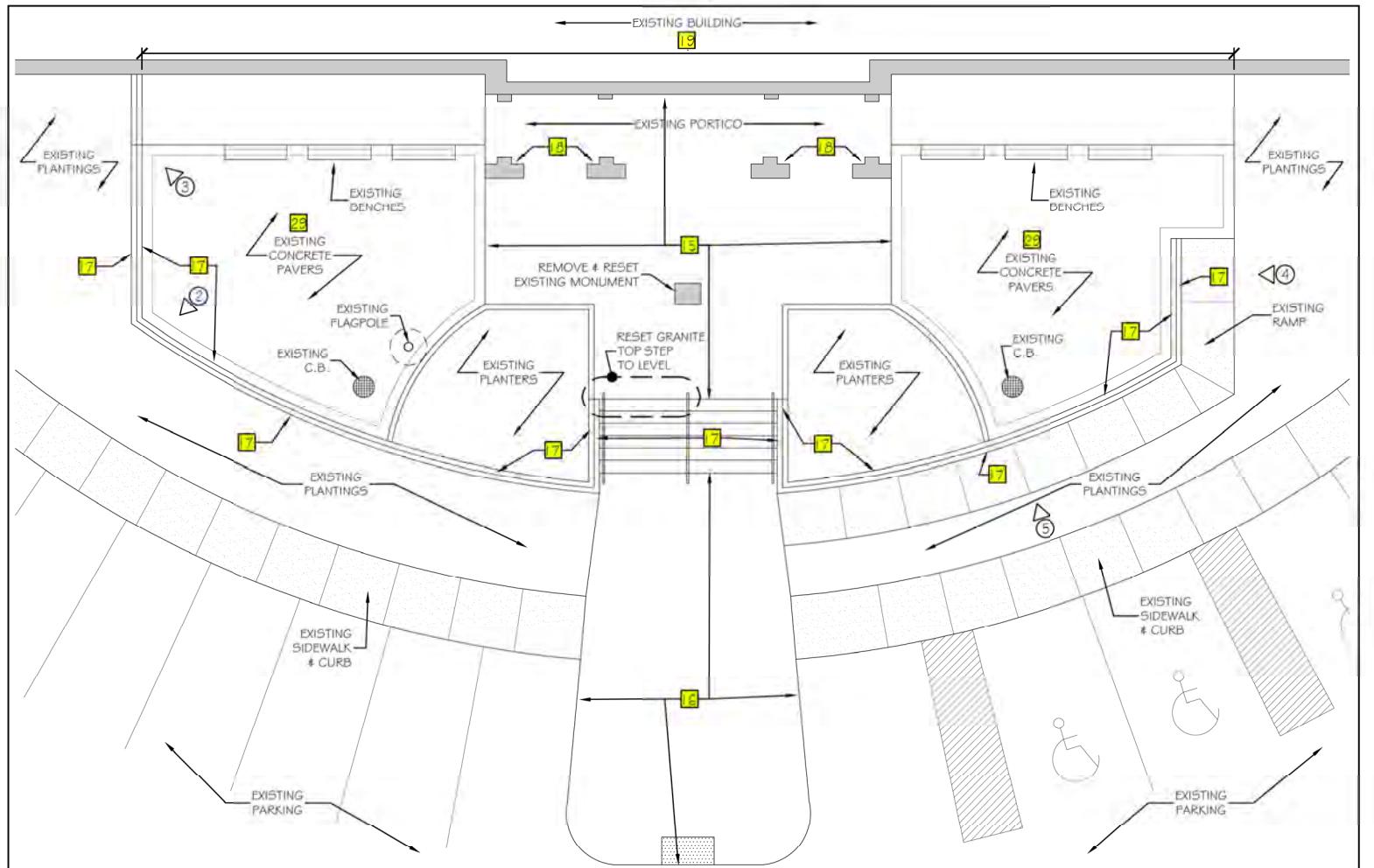
Y₃₂" = 1'-0"



(2) EXISTING TYPICAL PATIO WALL CONDITION



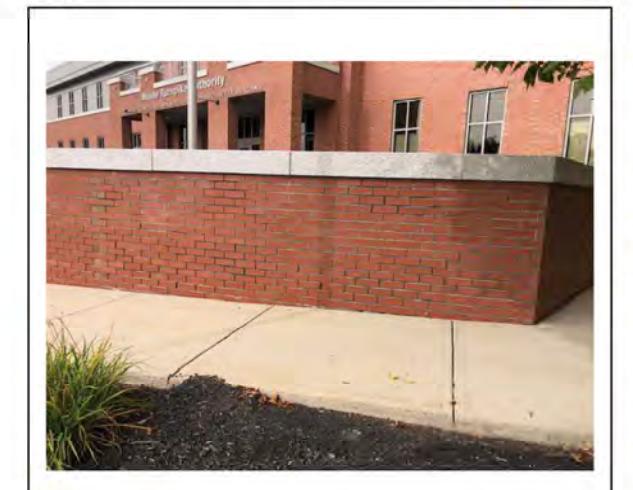
(3) EXISTING TYPICAL PATIO WALL CONDITION



(A) EXTERIOR PATIO DEMOLITION PLAN



(4) EXISTING ADA RAMP WALL CONDITION



(5) EXISTING ADA RAMP WALL CONDITION

DEMOLITION NOTES LEGEND

- 1 REMOVE EXISTING COUNTERS AND SINKFAUCET. 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/ AV 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 EXTENDED 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 PALETS TO OWNERS STORAGE LOCATION. PREP AREA FOR NEW BROOMED FINISHED CONCRETE SLAB PER SPECIAL PROVISION GOB.
- 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 GOB.
- 17 REPAIR EXISTING MASONRY 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 & VB IN FILL AREA OF DEPRESSED FLOOR AT COLUMN AREA.
- 28 ALTERNATE: REMOVE EXISTING CONCRETE PAVERS IN THEIR ENTIRETY. PREP AREA FOR NEW CONCRETE SLAB.

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

Designed by:

Michael F. Hays, RA



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

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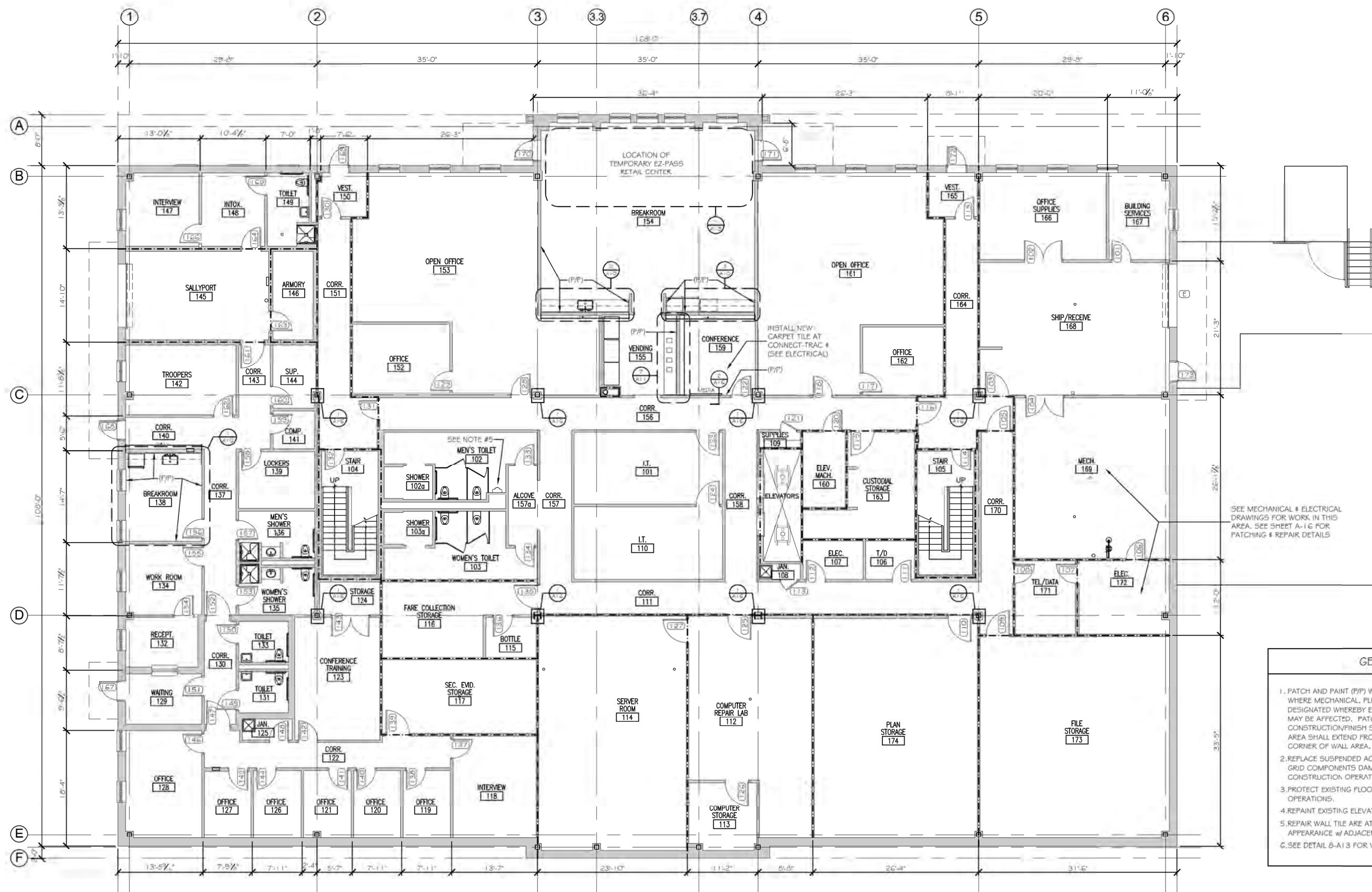
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: JACQUELINE HANSEN

**MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
EXISTING/DEMOLITION
PATIO PLAN**

SHEET NUMBER: AD-4

12 OF 70



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

Designed by:



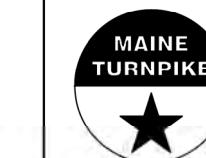
Michael F. Hays, RA

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

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PROPOSED FIRST FLOOR PLAN

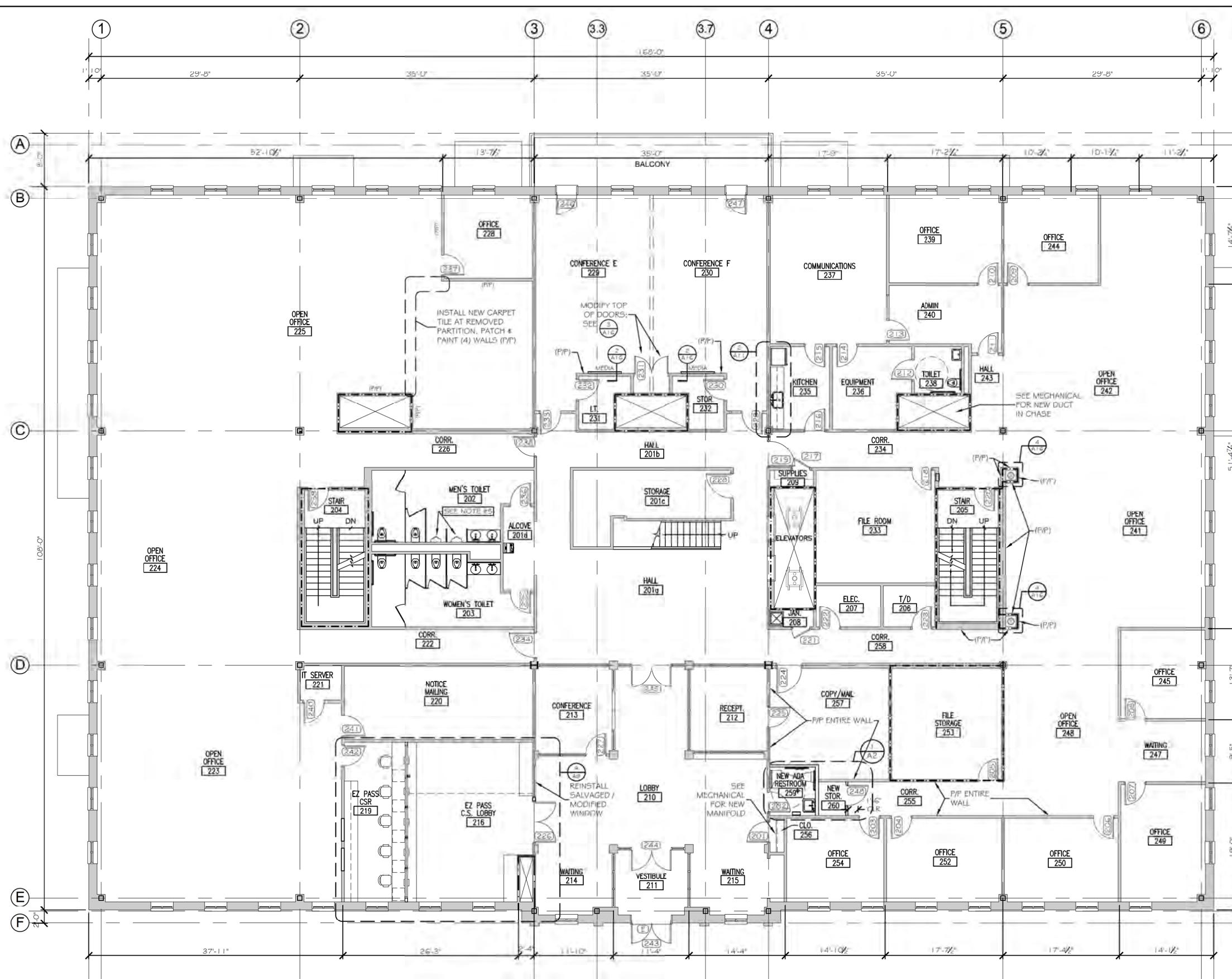
SHEET NUMBER: A-1

CONTRACT: 2023.10

13 OF 70



PI AN
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.
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 B-A-13 FOR VCT JOINT CONDITIONS.

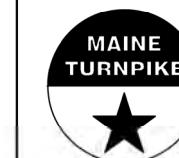
Scale: 1/8"=1'-0"

Designed by:



Michael F. Hays, RA

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

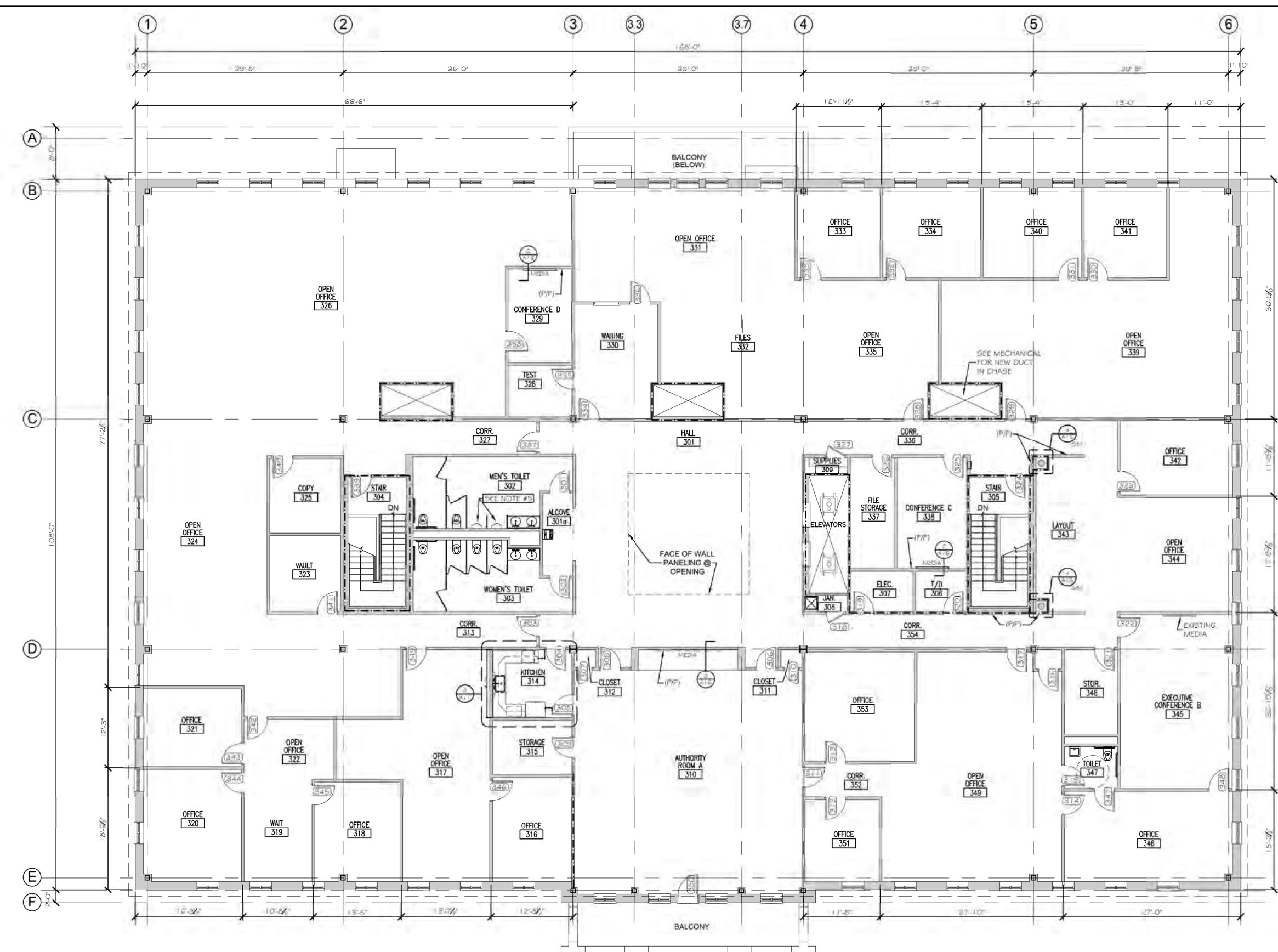


THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PROPOSED SECOND FLOOR PLAN

SHEET NUMBER: A-2

14 OF 70



GENERAL NOTES

- PATCH AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL, PLUMBING, AND/OR ELECTRICAL WORK IS DESIGNED 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.
- REPLACE SUSPENDED ACOUSTICAL CEILING TILE AND SUSPENSION GRID COMPONENTS DAMAGED OR SOILED DURING CONSTRUCTION OPERATIONS. MATCH EXISTING.
- PROTECT EXISTING FLOORING FINISHES DURING CONSTRUCTION OPERATIONS.
- REPAINT EXISTING ELEVATOR OPENING PAINTED FRAMES.
- REPAIR WALL TILE ARE AT NEW URINAL AS REQUIRED FOR UNIFORM APPEARANCE w/ ADJACENT SURFACES.
- SEE DETAIL B-A1.3 FOR VCT JOINT CONDITIONS.

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

Designed by:



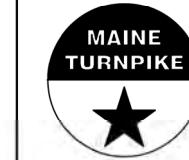
Michael F. Hays, RA

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

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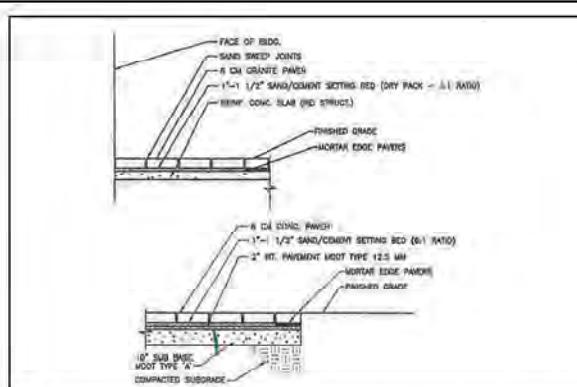
THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

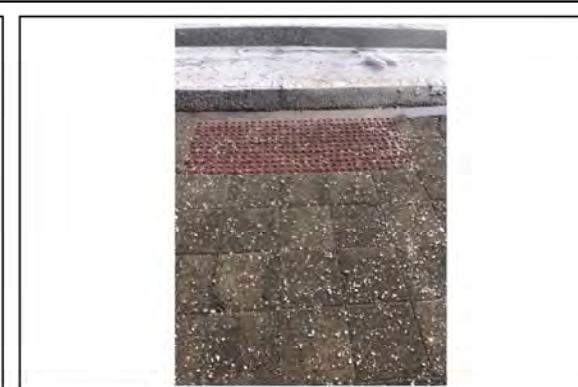
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PROPOSED THIRD FLOOR PLAN

SHEET NUMBER: A-3

15 OF 70



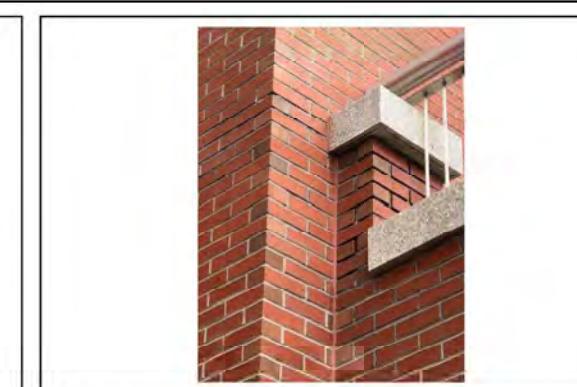
EXISTING PAVER DETAIL - FOR REFERENCE ONLY



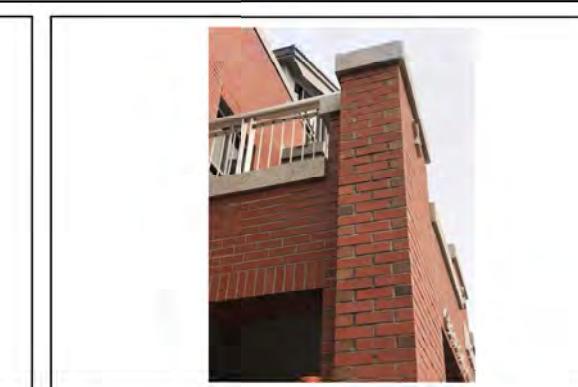
② EXISTING DETECTABLE WARNING STRIP - FOR REFERENCE ONLY



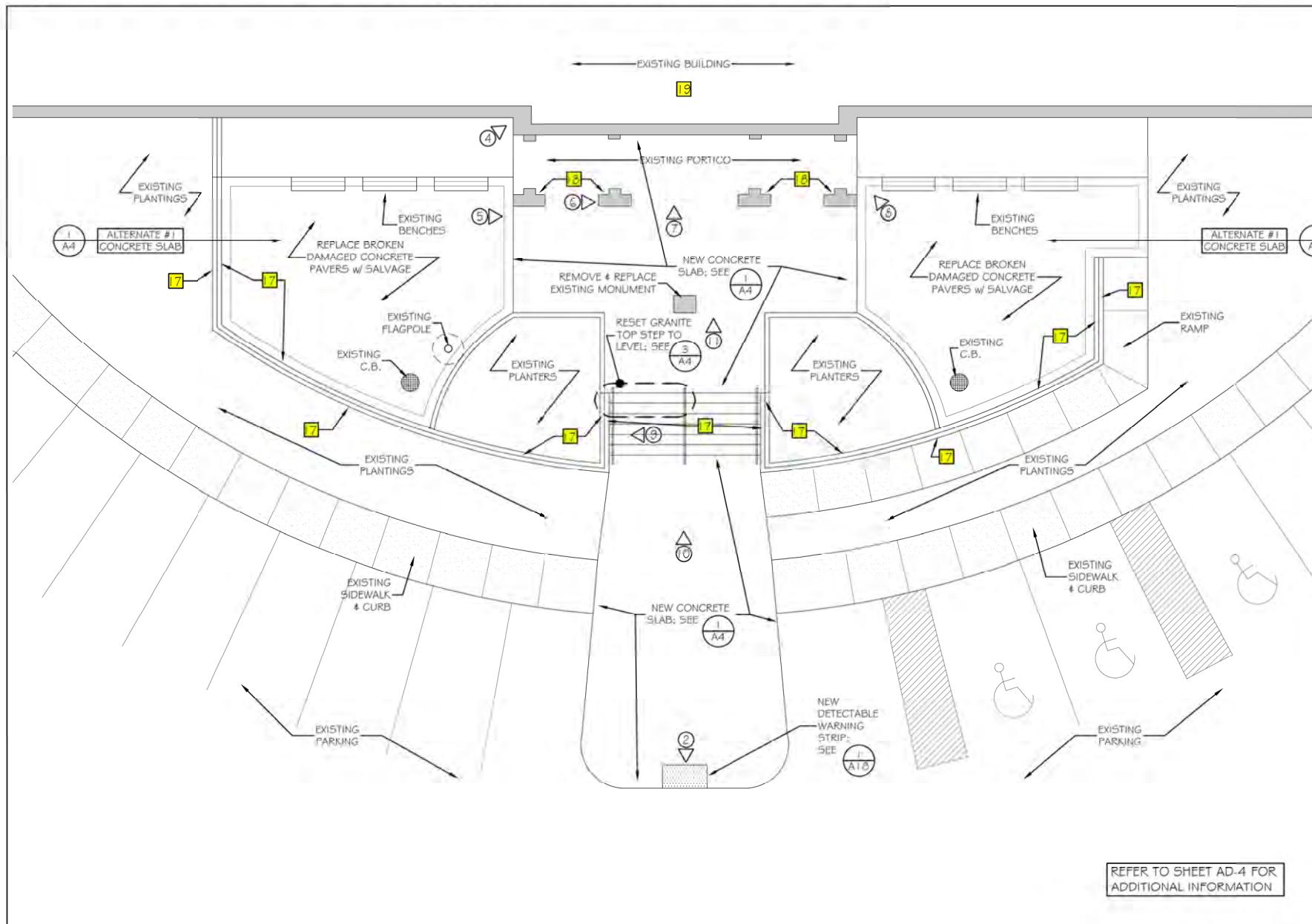
③ RESET EXISTING GRANITE STEP/PAVERS



④ EXISTING BUILDING FACADE



⑤ EXISTING BUILDING FACADE

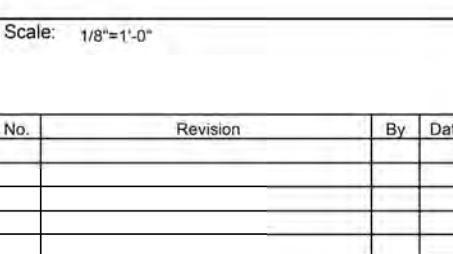


(A) EXTERIOR PATIO PROPOSED PLAN

$$\mathcal{Y}_8 = \mathbb{P}^1$$

-0" (10) EXISTING GRANITE STEPS

EXISTING GRANITE STEPS

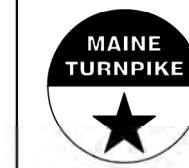


Designed by:



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Michael F. Duggan

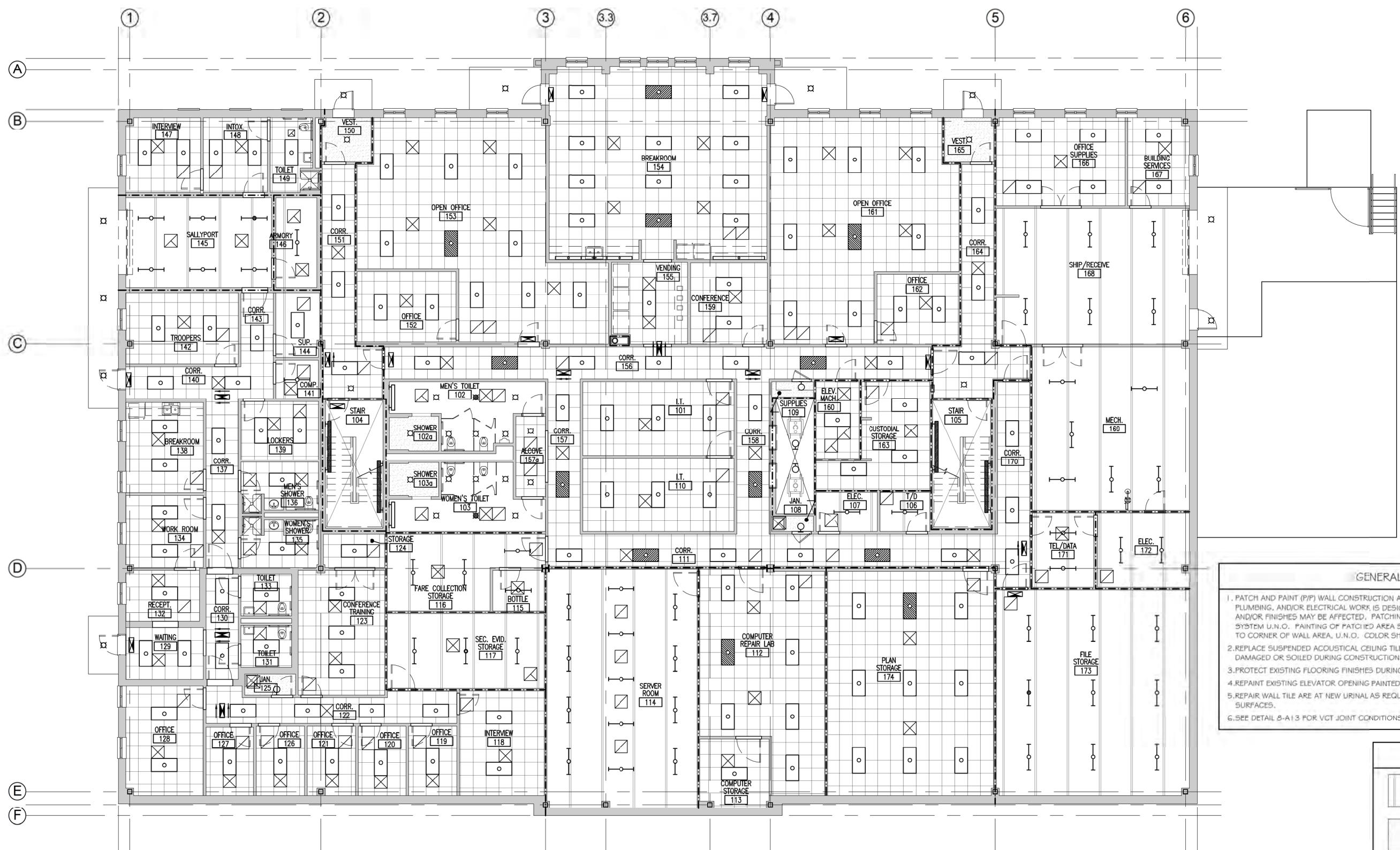


THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
EXTERIOR PATIO PLAN

SHEET NUMBER: A 1

A-4



GENERAL NOTES

- 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.
- REPLACE SUSPENDED ACOUSTICAL CEILING TILE AND SUSPENSION GRID COMPONENTS DAMAGED OR SOILED DURING CONSTRUCTION OPERATIONS. MATCH EXISTING.
- PROTECT EXISTING FLOORING FINISHES DURING CONSTRUCTION OPERATIONS.
- REPAIN EXISTING ELEVATOR OPENING PAINTED FRAMES.
- REPAIR WALL TILE ARE AT NEW URINAL AS REQUIRED FOR UNIFORM APPEARANCE w/ ADJACENT SURFACES.
- 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"

Designed by:



Michael F. Hays, RA

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

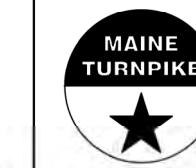
By Date

Designed MFH 02/26/24

Drawn MGK 02/26/24

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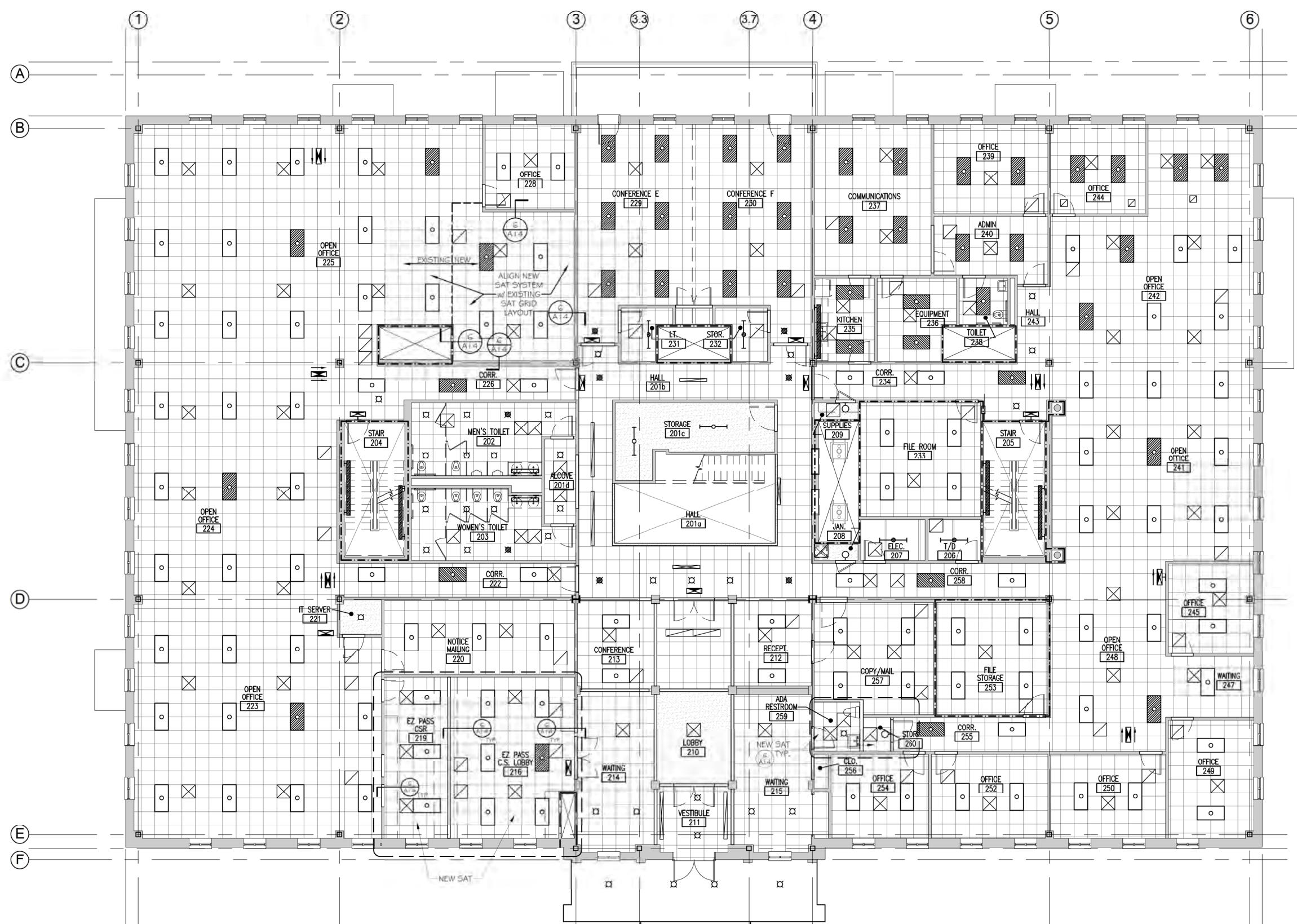


THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
FIRST FLOOR
REFLECTED CEILING PLAN

SHEET NUMBER: A-5

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GENERAL NOTES

AND PAINT (P/P) WALL CONSTRUCTION AT ALL LOCATIONS WHERE MECHANICAL, PLUMBING, OR ELECTRICAL WORK IS DESIGNATED THEREBY EXISTING CONSTRUCTION AND/OR TILES MAY BE AFFECTED. PATCHING SHALL MATCH EXISTING CONSTRUCTION/FINISH SYSTEM. PAINTING OF PATCHED AREA SHALL EXTEND FROM FLOOR TO CEILING; CORNER TO CORNER OF PATCHED AREA, U.N.O. COLOR SHALL MATCH EXISTING. PLACE SUSPENDED ACOUSTICAL CEILING TILE SUSPENSION GRID COMPONENTS DAMAGED OR SOILED DURING CONSTRUCTION OPERATIONS. MATCH EXISTING.

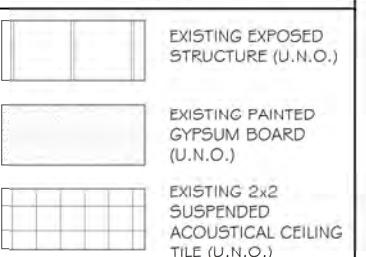
TECT EXISTING FLOORING FINISHES DURING CONSTRUCTION OPERATIONS.

ANT EXISTING ELEVATOR OPENING PAINTED TILES.

IR WALL TILE ARE AT NEW URINAL AS REQUIRED TO MAINTAIN UNIFORM APPEARANCE w/ ADJACENT FACES.

DETAIL A-4.1.3 FOR VCT JOINT CONDITIONS.

LEGEND



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

Designed by:



Michael F. Hays, RA

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

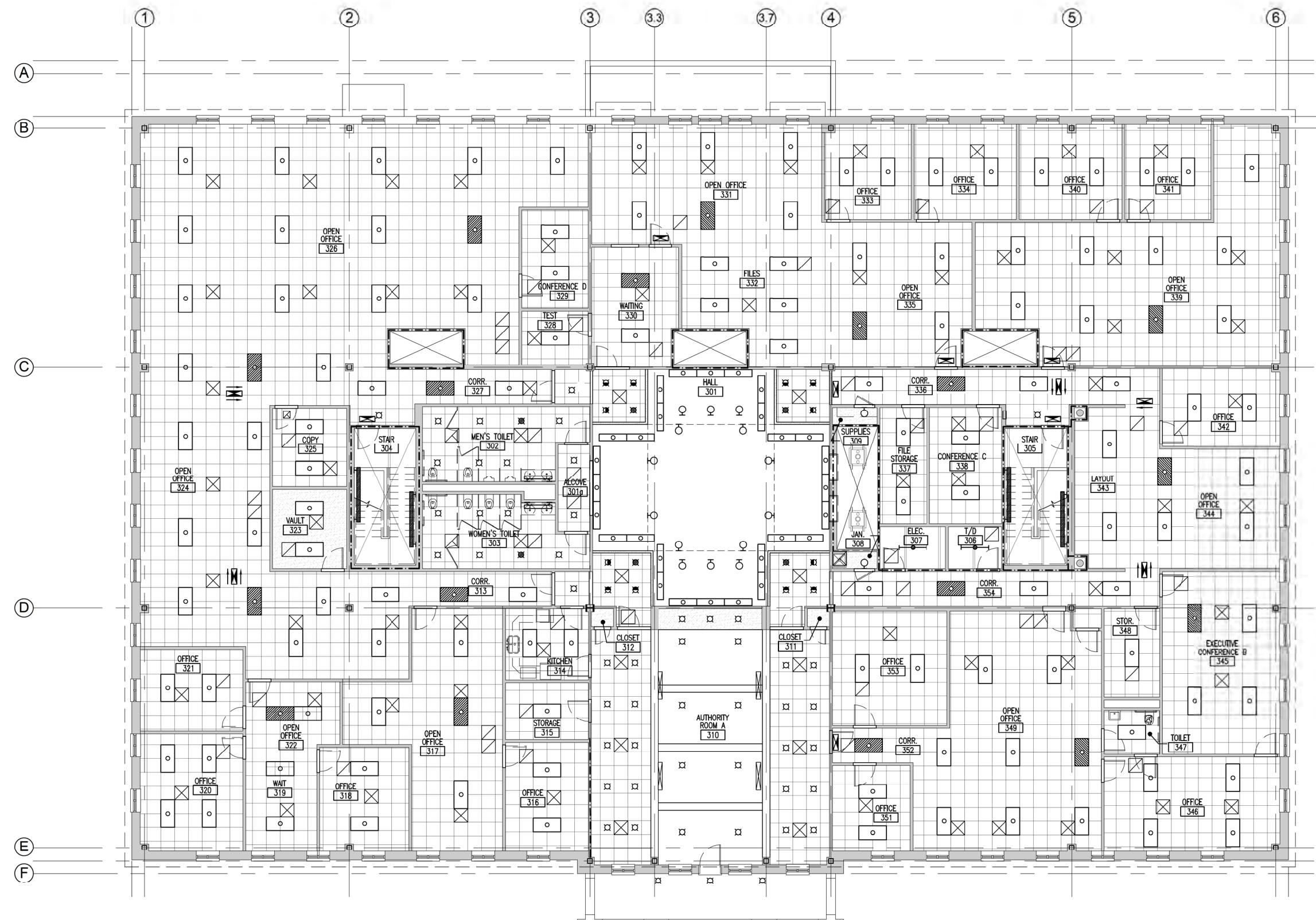


THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
SECOND FLOOR
REFLECTED CEILING PLAN

SHEET NUMBER: A-6

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GENERAL NOTES

- PATCH AND PAINT (PIP) 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.
- REPLACE SUSPENDED ACOUSTICAL CEILING TILE AND SUSPENSION GRID COMPONENTS DAMAGED OR SOILED DURING CONSTRUCTION OPERATIONS. MATCH EXISTING.
- PROTECT EXISTING FLOORING FINISHES DURING CONSTRUCTION OPERATIONS.
- REPAIN EXISTING ELEVATOR OPENING PAINTED FRAMES.
- REPAIR WALL TILE ARE AT NEW URINAL AS REQUIRED FOR UNIFORM APPEARANCE w/ ADJACENT SURFACES.
- SEE DETAIL B-A 13 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"

Designed by:



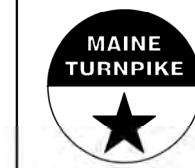
Michael F. Hays, RA

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

No.	Revision	By	Date

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THE GOLD STAR
MEMORIAL HIGHWAY

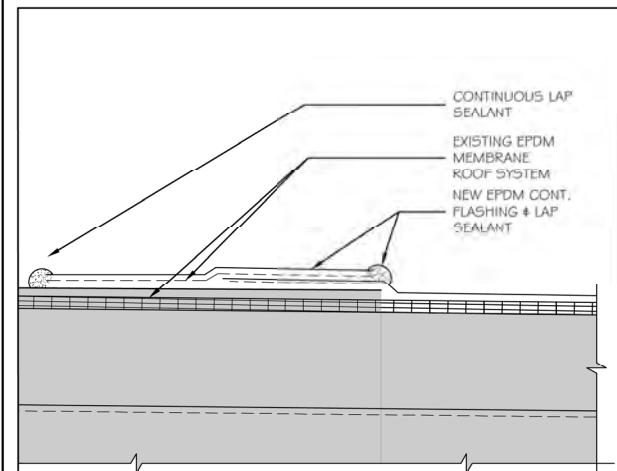
MTA PROJECT MANAGER: JACQUELINE HANSEN

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
THIRD FLOOR
REFLECTED CEILING PLAN

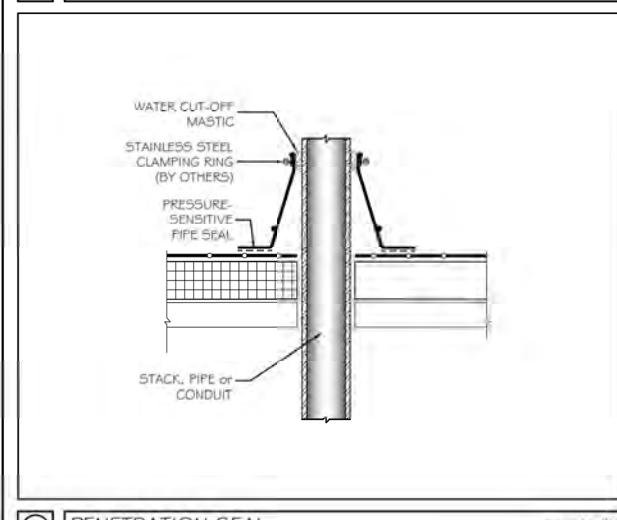
SHEET NUMBER: A-7

CONTRACT: 2023.10

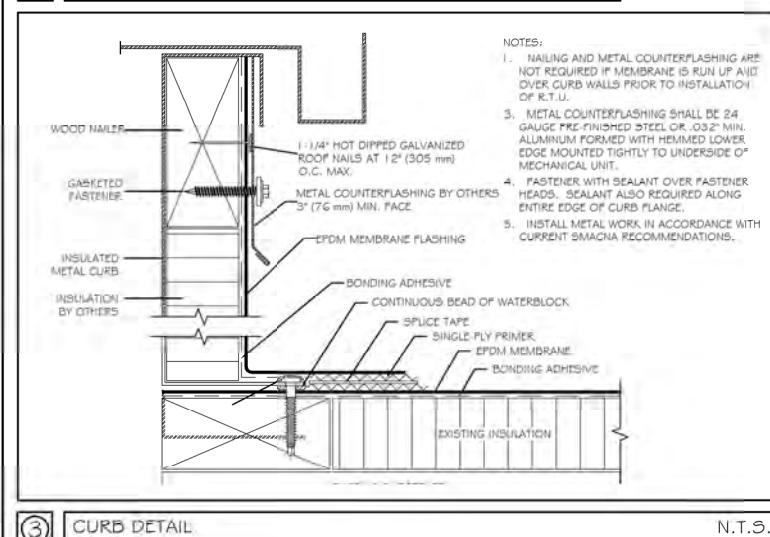
19 OF 70



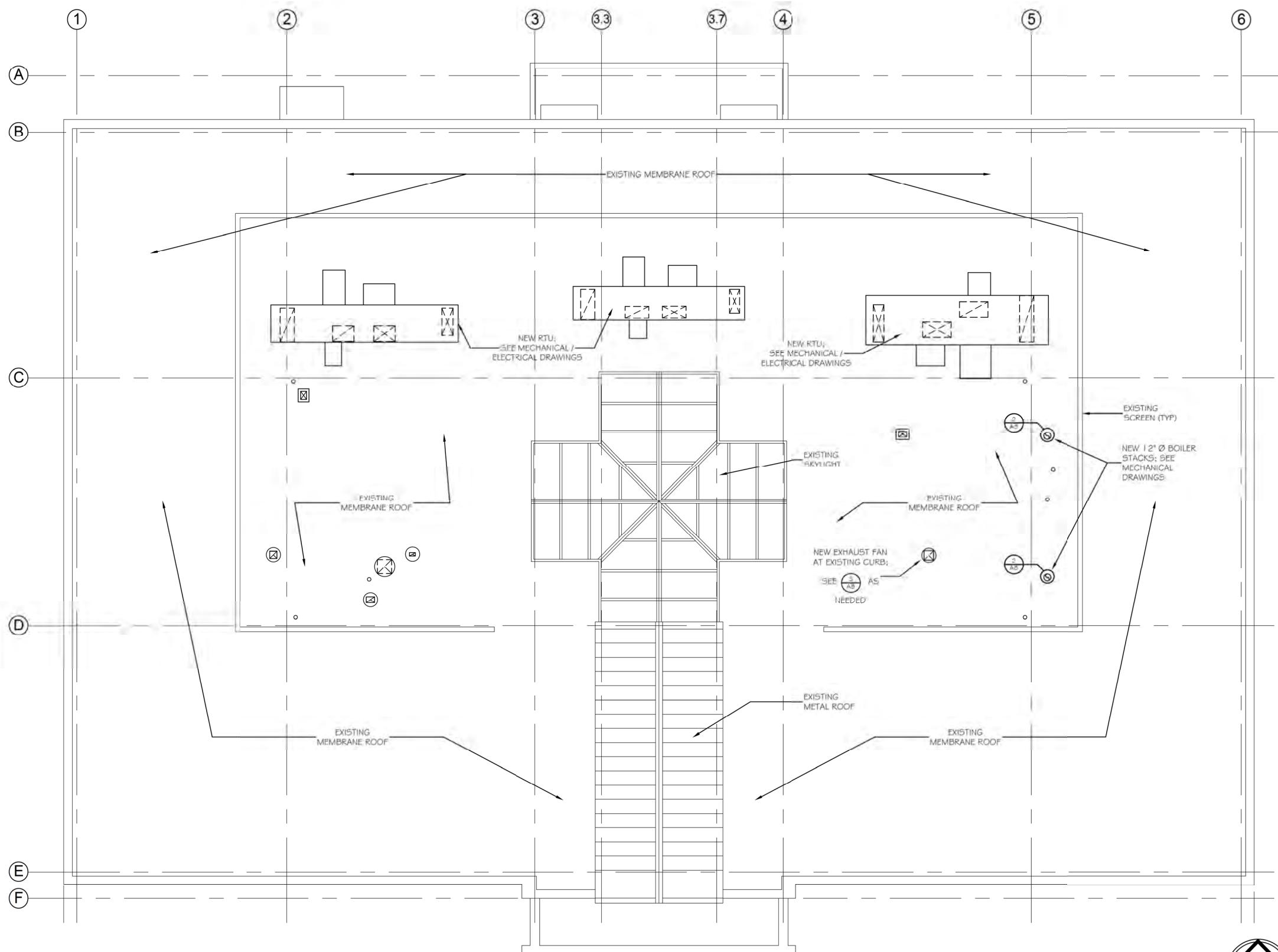
(1) EPDM TRANSITION DETAIL 3" = 1'-0"



(2) PENETRATION SEAL 3" = 1'-0"



(3) CURB DETAIL N.T.S.



PROPOSED ROOF PLAN
SCALE: 1/2" = 1'-0"



Scale: AS NOTED

Designed by:

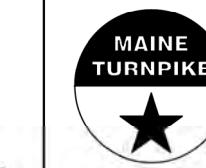


Michael F. Hays, RA

No.	Revision	By	Date



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P.O. BOX 5179 PALMOUTH MAINE 04105
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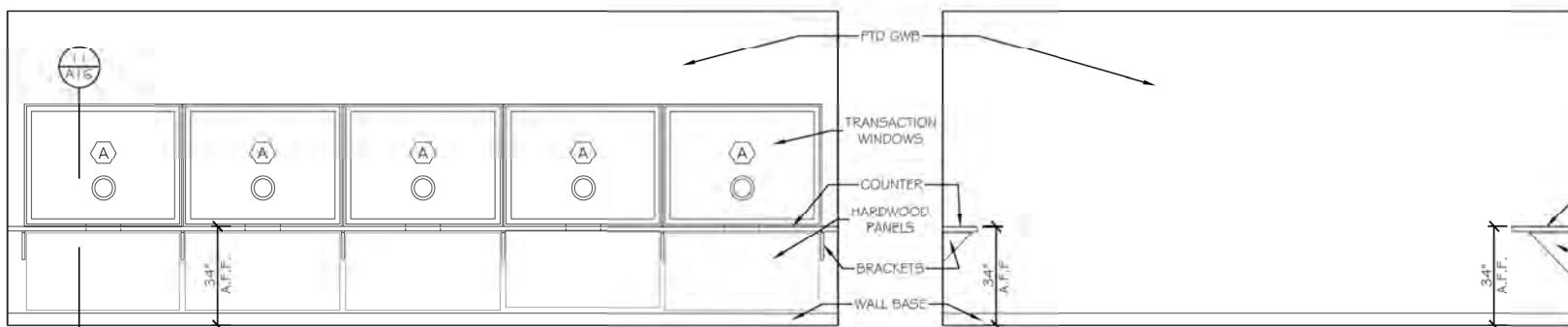
THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

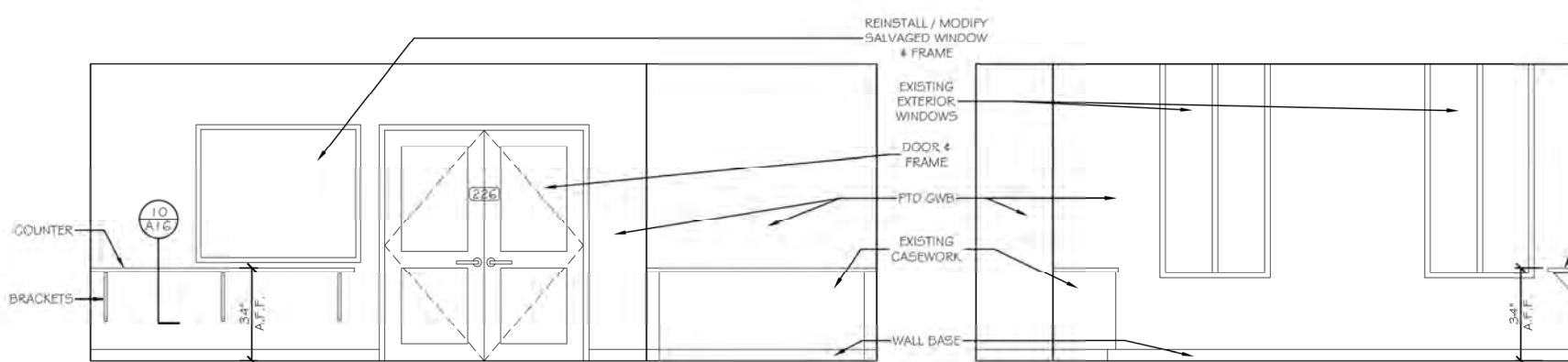
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PROPOSED ROOF PLAN

SHEET NUMBER: A-8

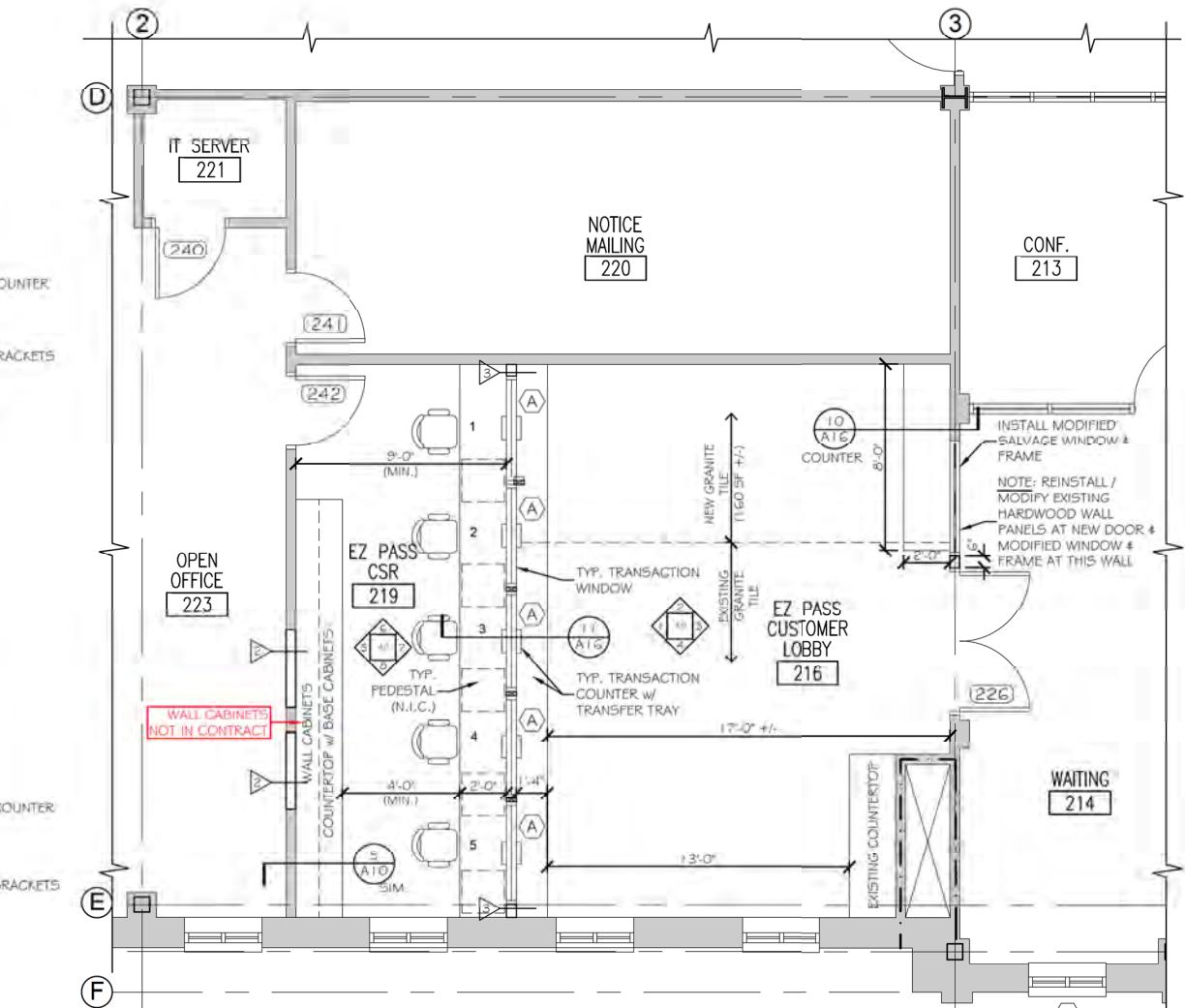
20 OF 70



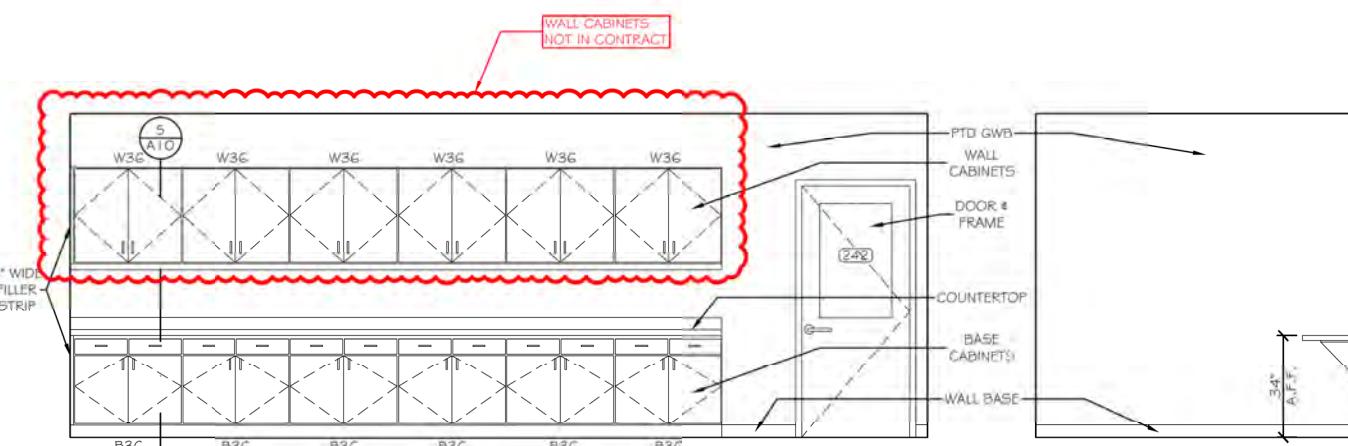
⚠ EZ PASS CUSTOMER LOBBY
SCALE: 3/8" = 1'-0"



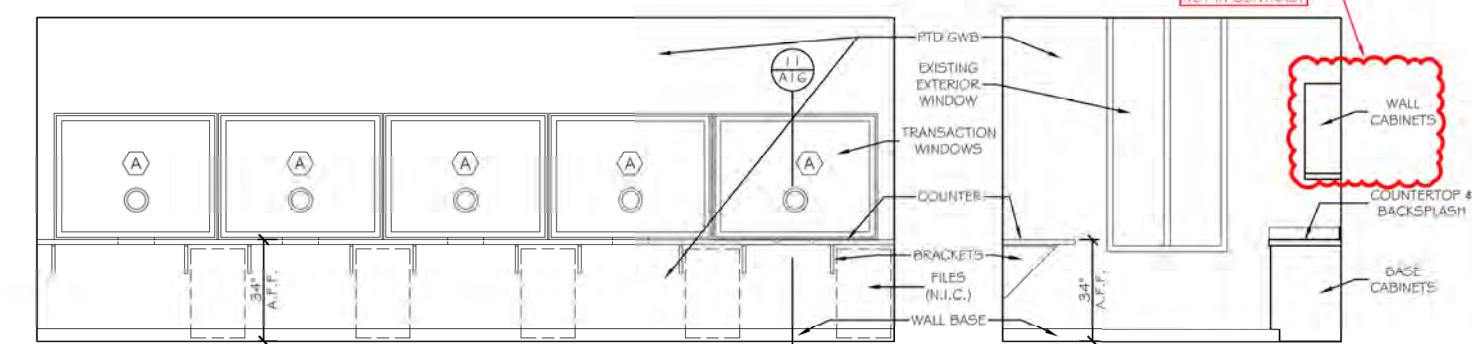
⚠ EZ PASS CUSTOMER LOBBY
SCALE: 3/8" = 1'-0"



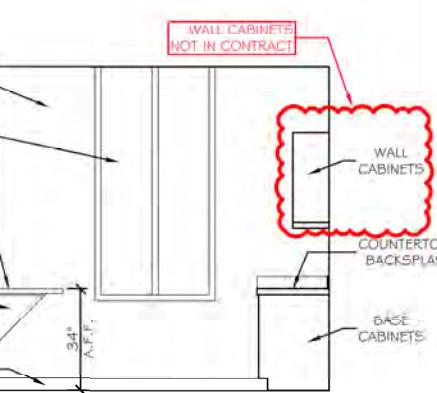
Ⓐ EZ PASS PROPOSED CUSTOMER SERVICE AREA
SCALE: 1/4" = 1'-0"



Ⓐ EZ PASS CSR
SCALE: 3/8" = 1'-0"



Ⓐ EZ PASS CSR
SCALE: 3/8" = 1'-0"



Ⓐ EZ PASS CSR
SCALE: 3/8" = 1'-0"

Scale: AS NOTED

Designed by:



Michael F. Hays, RA

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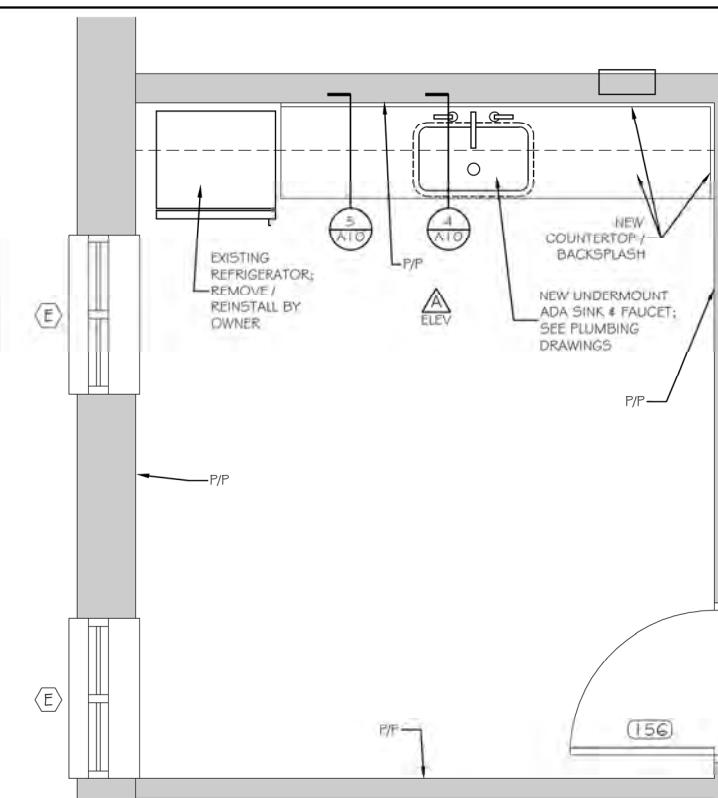
THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
EZ PASS PLAN & ELEVATIONS

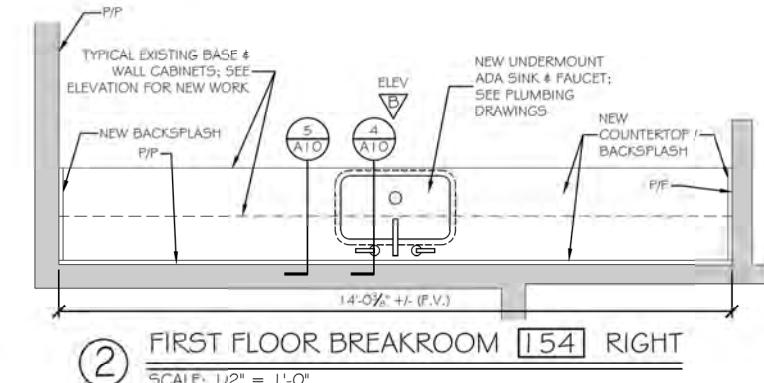
SHEET NUMBER: A-9

21 OF 70

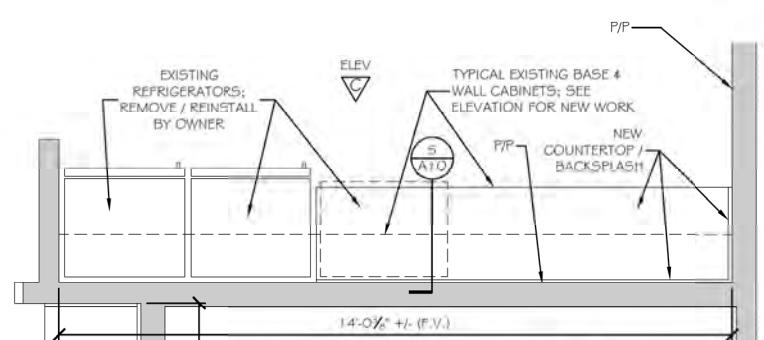
Contract: 2023.10



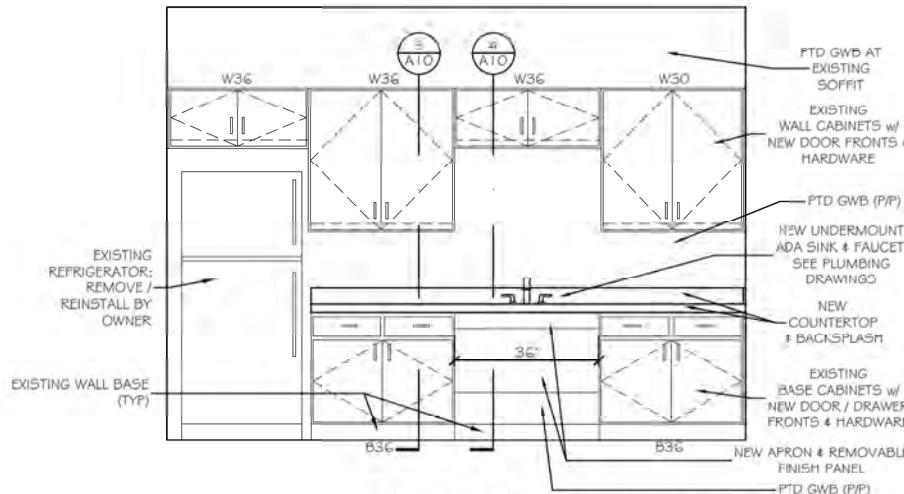
(1) FIRST FLOOR BREAKROOM [138]
SCALE: 1/2" = 1'-0"



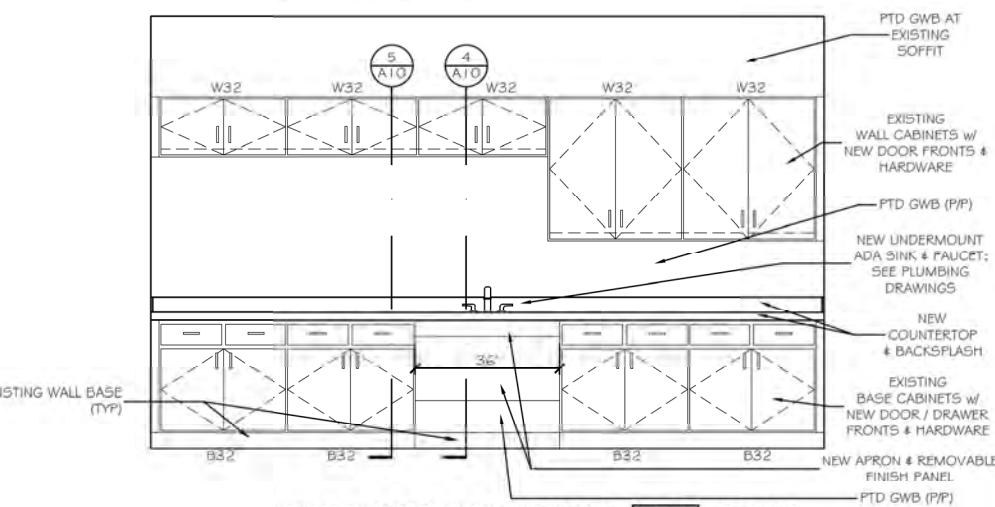
(2) FIRST FLOOR BREAKROOM [154] RIGHT
SCALE: 1/2" = 1'-0"



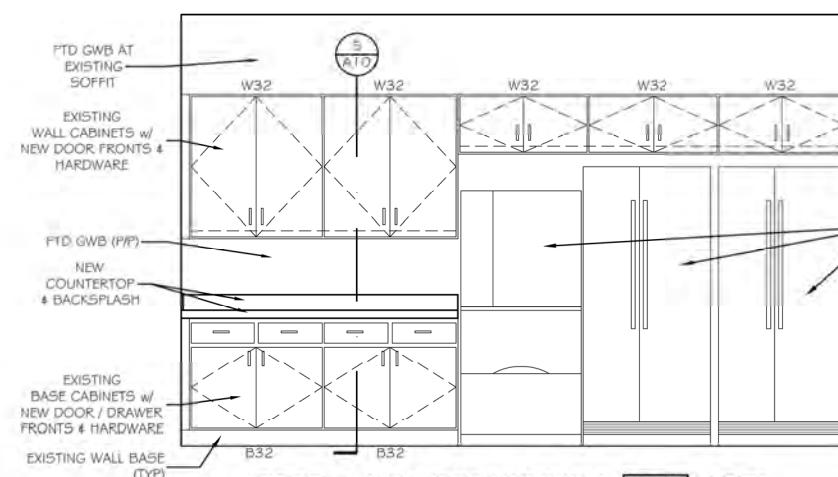
(3) FIRST FLOOR BREAKROOM [154] LEFT
SCALE: 1/2" = 1'-0"



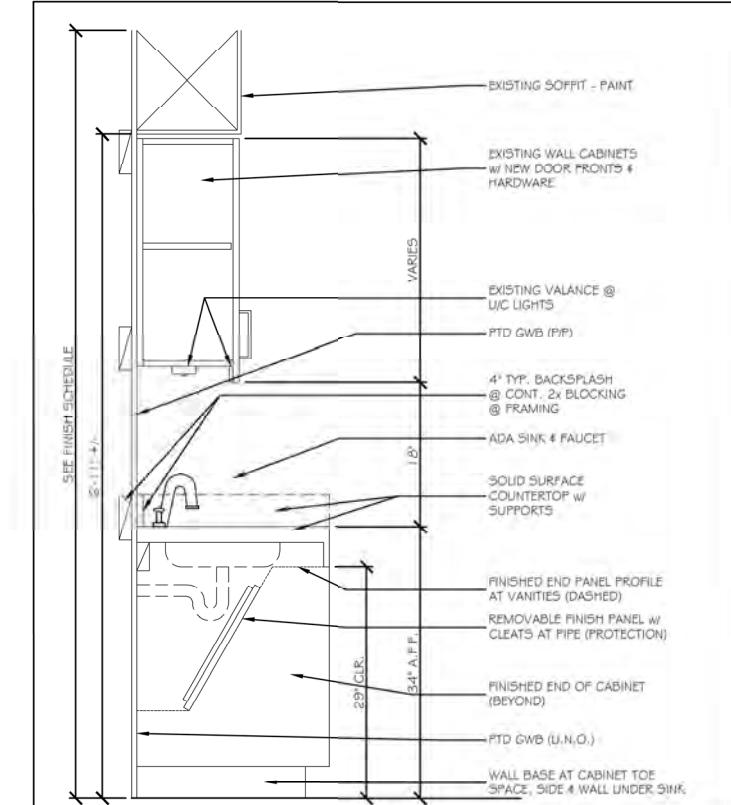
(A) FIRST FLOOR BREAKROOM [138]
SCALE: 1/2" = 1'-0"



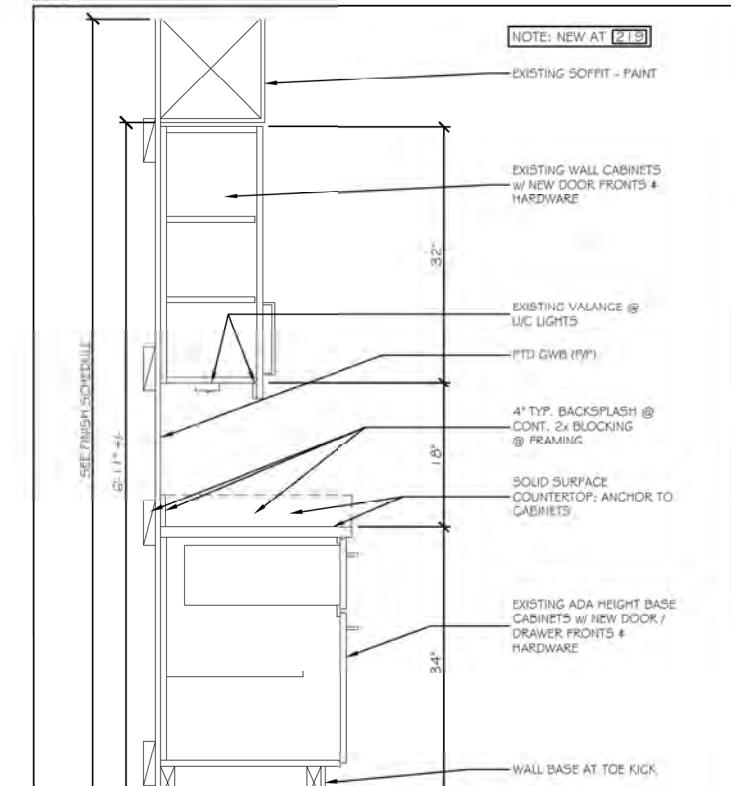
(B) FIRST FLOOR BREAKROOM [154] RIGHT
SCALE: 1/2" = 1'-0"



(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"

Designed by:



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

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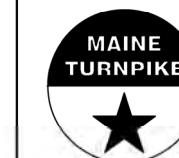
Designed By Date Checked By Date

Drawn By Date In Charge of



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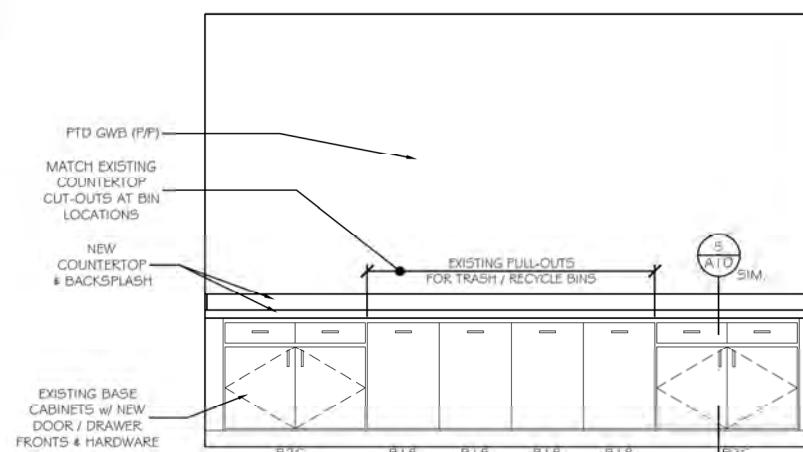
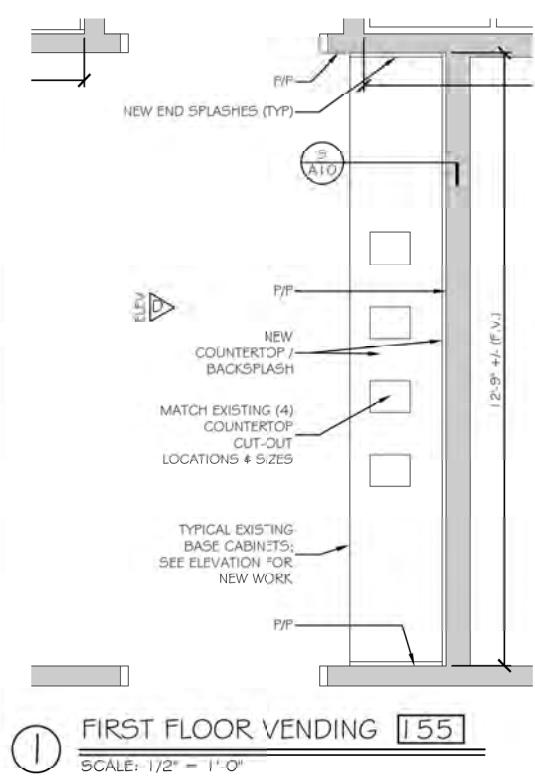
THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

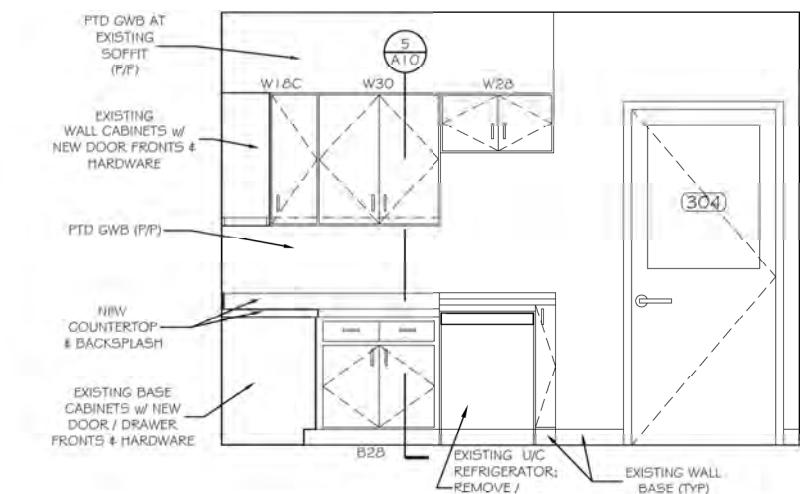
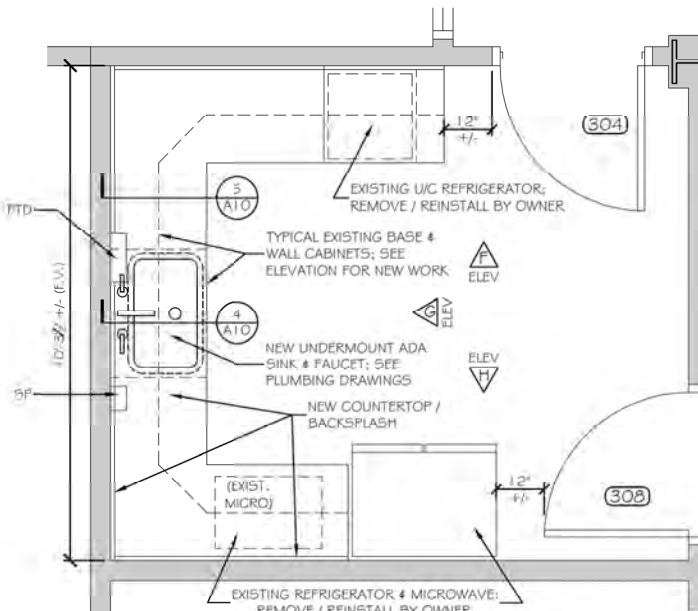
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
BREAKROOM CASEWORK

SHEET NUMBER: A-10

22 OF 70

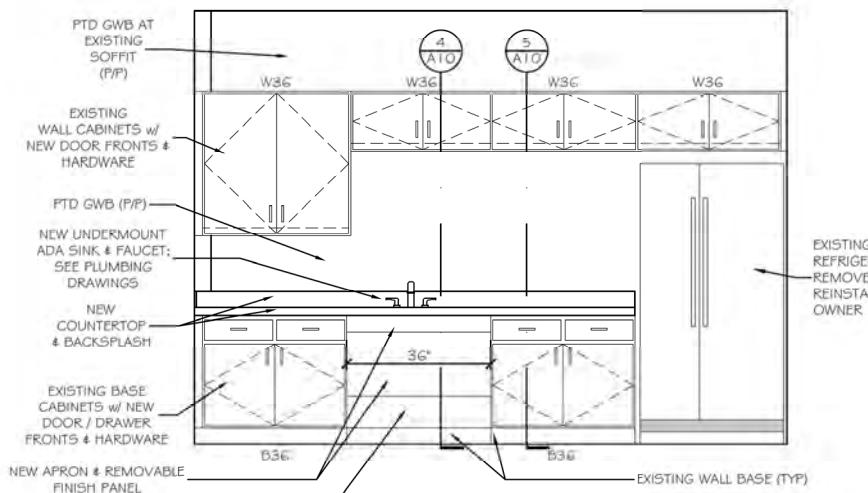
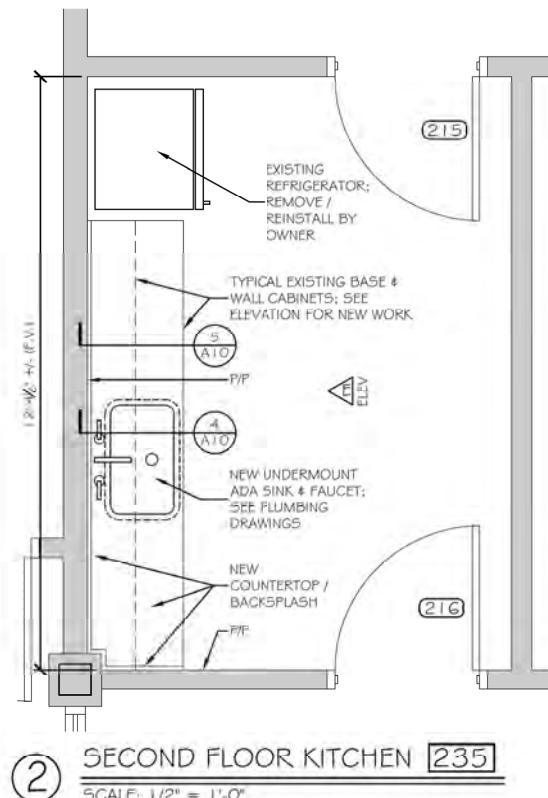


D FIRST FLOOR VENDING 155
SCALE: 1/2" = 1'-0"

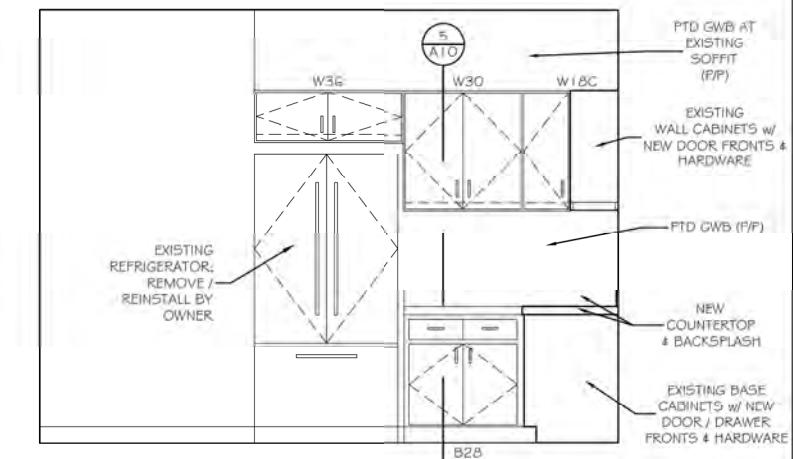
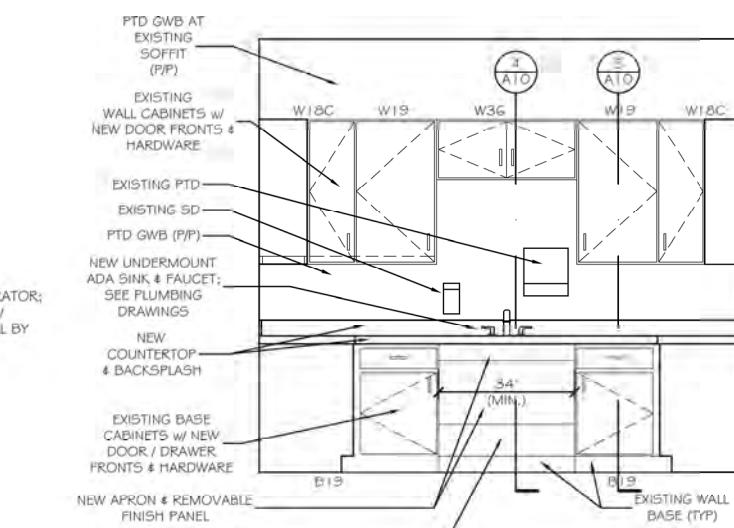


F THIRD FLOOR KITCHEN 314
SCALE: 1/2" = 1'-0"

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



E SECOND FLOOR KITCHEN 235
SCALE: 1/2" = 1'-0"



H THIRD FLOOR KITCHEN 314
SCALE: 1/2" = 1'-0"

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

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

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

Designed by:

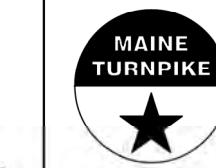


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CONSULTANT PROJECT MANAGER: TIM COTE, P.E. - HNTB

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MTA PROJECT MANAGER: JACQUELINE HANSEN

THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
VENDING & KITCHENS CASEWORK

SHEET NUMBER: A-11

23 OF 70

FIRST FLOOR
DOOR SCHEDULE

ABBREVIATIONS

ALUM	ALUMINUM	HM	HOLLOW METAL	T	TEMPERED
DW	DRYWALL	INSUL	INSULATED	BRK	THermal BREAK
ES	EDGE SET	TS	TRANSITION	TS	TRANSITION STRIP
EMHO	ELECTRO MAGNETIC	MGR	MANUFACTURER	TS	TRANSITION STRIP
EDO	EDGECUT	OCD	OVERHEAD COILING DOOR	V	VINYL
HD	HOLD OPENER	OHD	OVERHEAD DOOR	WD	WOOD
GLASS	GLASS			W/W	WITH

NO	TYPE	DOORS				REMARKS	FRAMES				THRESHOLDS				
		SIZE (w x h)	THK	INSUL	HDWE		TYPE	FR	PROFILE	DETAILS	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	—	—	—	—	NOTE 2	E	—	—	—	E	—	—	—	—
108	E	—	—	—	—	NOTE 2	E	—	—	—	F	—	—	—	—
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	—	—	—	HW-6	NOTE 3	E	—	—	—	E	—	—	—	—
124	E	—	—	—	—	NOTE 3	E	—	—	—	E	—	—	—	—
125	E	—	—	—	—	—	E	—	—	—	E	—	—	—	—
126	E	—	—	—	—	NOTE 2 & 8	E	—	—	—	E	—	—	—	—
127	E	—	—	—	—	—	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	F	—	—	—	—	NOTE 2	F	—	—	—	E	—	—	—	—
133	E	—	—	—	—	NOTE 2	E	—	—	—	E	—	—	—	—
134	E	—	—	—	—	NOTE 2	E	—	—	—	E	—	—	—	—
135	E	—	—	—	—	NOTE 2	E	—	—	C	—	—	—	—	—
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	—							

**FIRST FLOOR
FINISH SCHEDULE**

ABBREVIATIONS																		
CARPET	FCS	FLOOR COATINGS SYSTEM	MP	METAL PANEL	TS	TRANSITION STRIP												
CMU	CMU	CONCRETE MASONRY UNIT	FRR	FIBERGLASS REINFORCED PANELS	TD	TOUCH UP PAINT												
CT	CT	CERAMIC TILE	GR	GLASS	KD	KERDI BASE												
DPF	DPF	DISPERSIVE PAINT	GL	GYPSUM WALL BOARD	RF	RESILIENT FLOORING												
EXIST.	IMP	EXISTING	GWD	SUSPENDED ACOUSTICAL TILE	SAT	SUSPENDED ACOUSTICAL TILE												
EP	LVT	EPoxy PAINT	IMP	INSULATED METAL PANEL	LVT	INSULATED VINYL TILE												
			SS	STAINLESS STEEL		WOOD												

RM NO.	NAME	WALLS				FLOORS				CEILING A		CEILING B		REMARKS
		N	E	S	W	MATL	BASE	MATL	BASE	TYPE	HT.	TYPE	HT.	
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	F	E	F	E	F	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	C	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	F	E	E	E	E	E	E	E	*SEE PLANS
114	SERVER ROOM	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	
115	BOTTLE	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	
116	FARE COLLECTION STOR.	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	
117	SEC. EVID. STORAGE	E	E	E	E	F	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*	—	—	—	—	—	—	
124	STORAGE	—	—	—	—	C*	VB*	—	—	—	—	—	—	
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*	—	—	—	—	—	—	
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*	—	—	—	—	—	—	
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*	—	—	—	—	—	—	
152	OFFICE	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
153	OPEN OFFICE	—	—	—	—	C*	VB*	—	—	—	—	—	—	
154	BREAKROOM	—	*	P	—	—	—	—	—	—	—	—	—	
155	VENDING	P	*	—	—	—	—	—	—	—	—	—	—	
156	CORR.	—	—	—	—	VCT*	VB*	—	—	—	—	—	—	
157	NOT USED	—	—	—	—	—	—	—	—	—	—	—	—	
158	CORR.	E	E	E	E	E	E	E	E	E	E	E	E	SEE NOTE #3
159	CONFERENCE	E	E	E	E	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	E	E	E	E	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*	—	—	—	—	—	—	

THIRD FLOOR FINISH SCHEDULE

RM NO.	NAME	WALLS				FLOORS				CEILING A		CEILING B		REMARKS
		N	E	S	W	MATL	BASE	MATL	BASE	TYPE	HT.	TYPE	HT.	
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	MENS 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	F	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	VULT	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*	E	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

ABBREVIATIONS

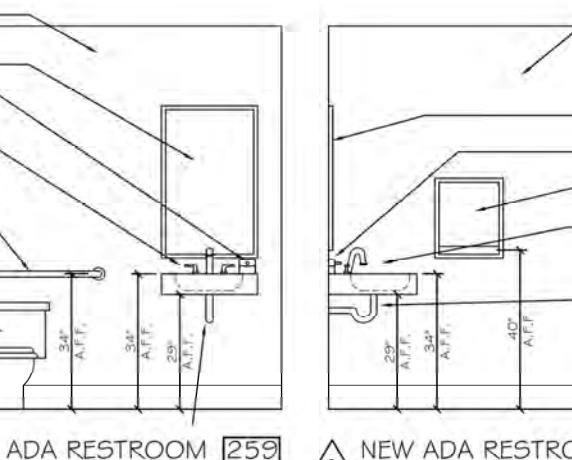
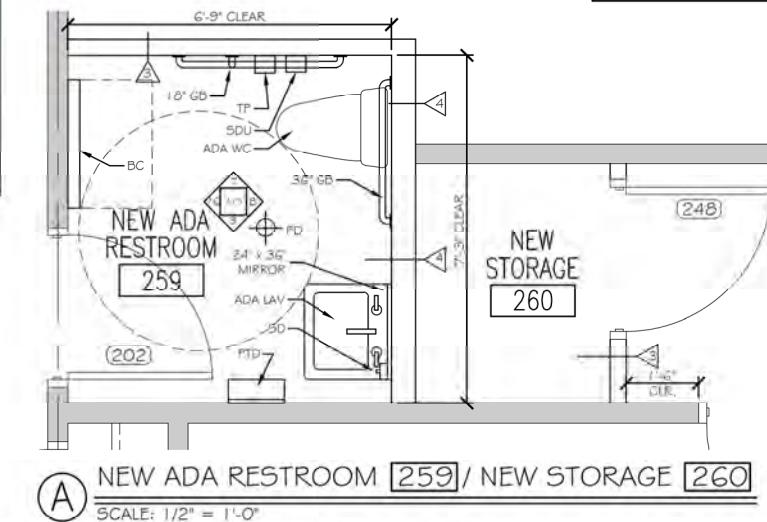
CARPET	FCS	FLOOR COATINGS SYSTEM	MP	METAL PANEL	TS	TRANSITION STRIP
CMU	CONCRETE MASONRY UNIT	FRR	FIBERGLASS REINFORCED PANELS	TD	TOUCH UP PAINT	
CT	CERAMIC TILE	GL	GYPSUM	WD	WATER	
DFF	DATA WALL PAINT	GWB	GYPSUM WALL BOARD	WC	VINYL COMPOSITION TILE	
EP	EXISTING	IMP	INSULATED METAL PANEL	SS	STAINLESS STEEL	
	EPOXY PAINT	LVT	LAMINATED VINYL TILE	WD	WOOD	



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

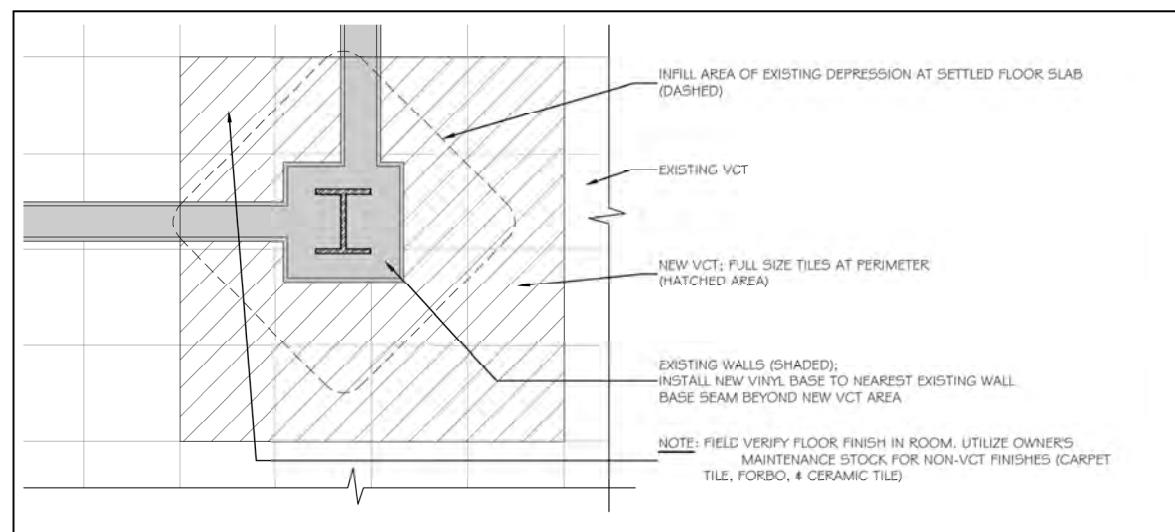
DEMOLITION NOTES LEGEND

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

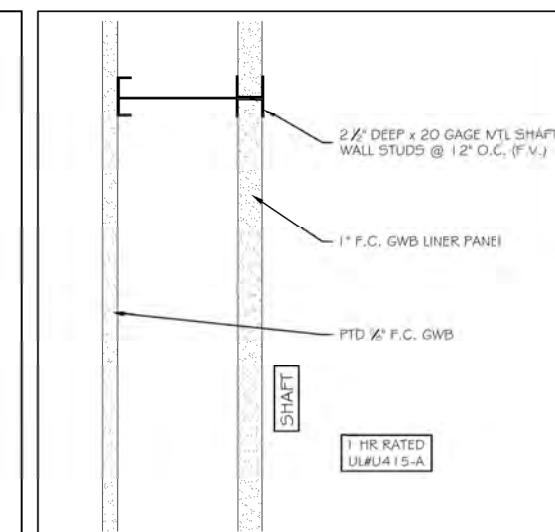


TAG	DETAIL

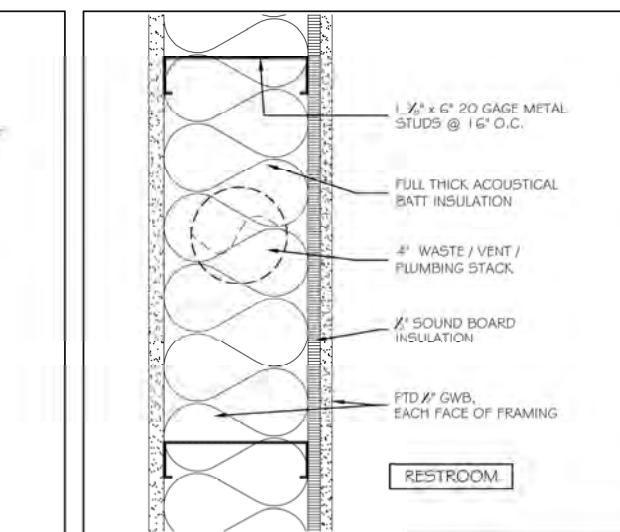
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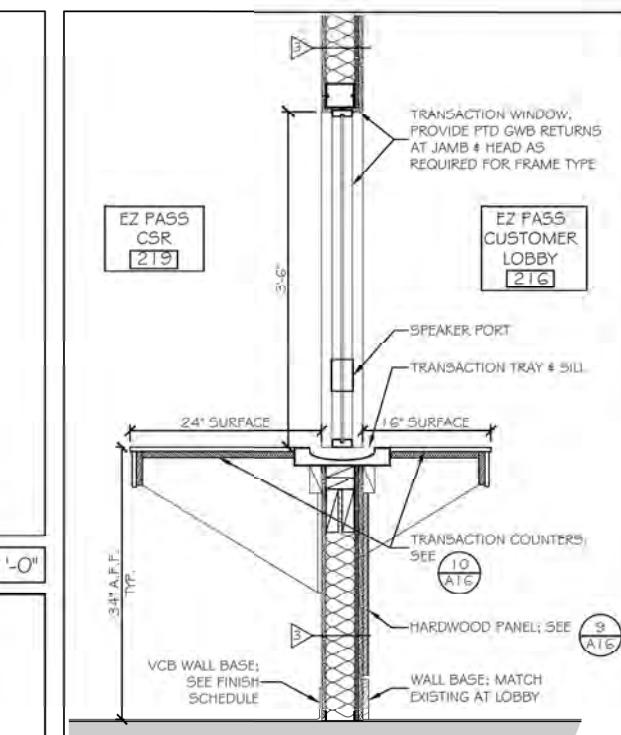
① INFILL AT FLOOR SLAB DEPRESSION



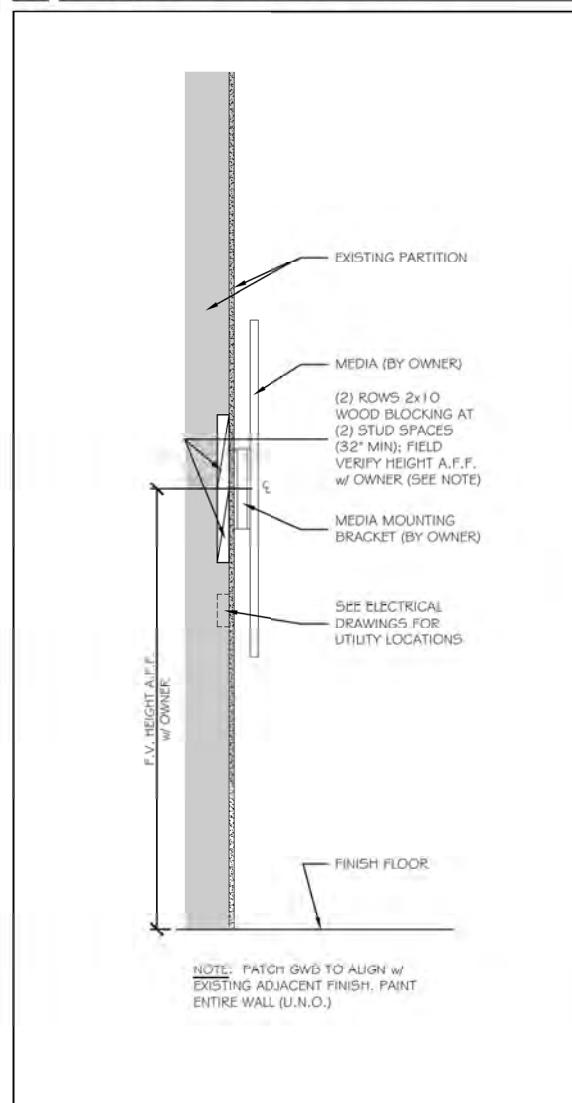
⑤ SHAFTWALL PARTITION △ 3" = 1'-0"



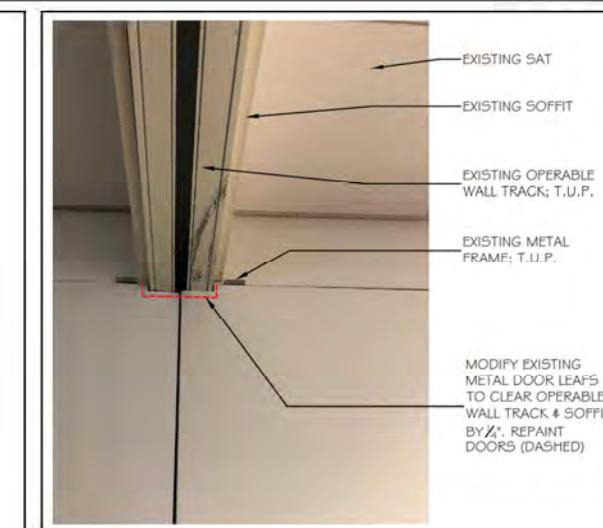
⑥ PARTITION TYPE △ 3" = 1'-0"



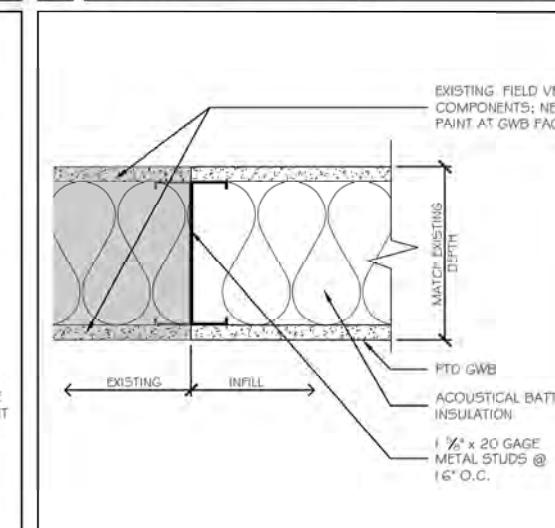
⑩ TRANSACTION COUNTER 3" = 1'-0"



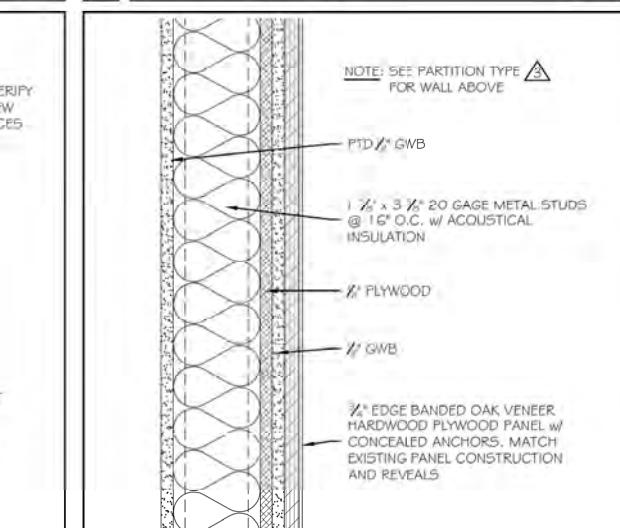
② MEDIA SUPPORT BLOCKING 1" = 1'-0"



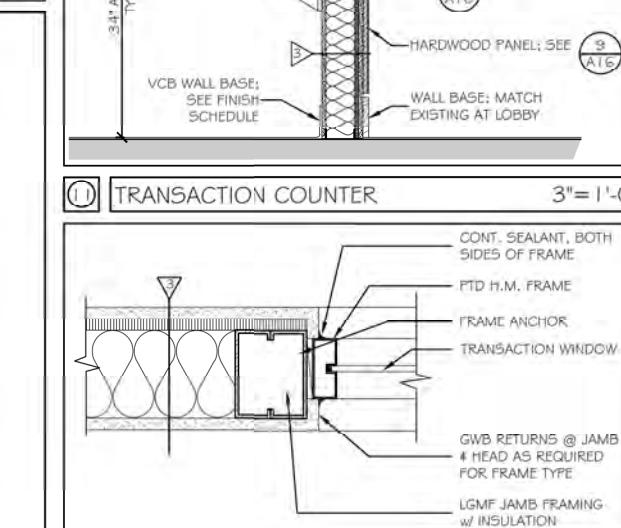
③ DOOR 231 MODIFICATIONS NO SCALE



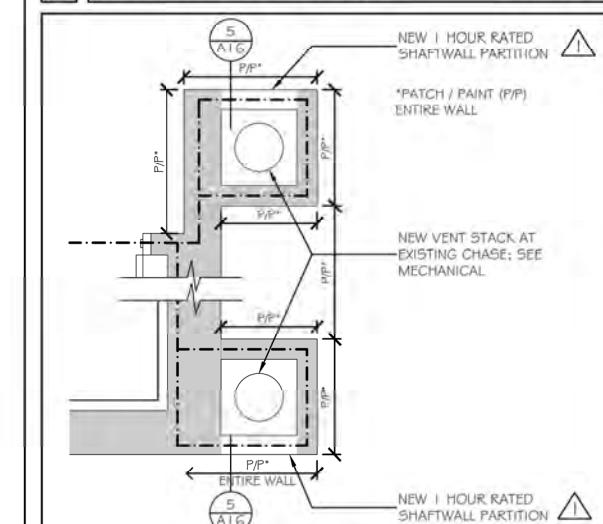
⑥ PARTITION INFILL DETAIL △ 3" = 1'-0"



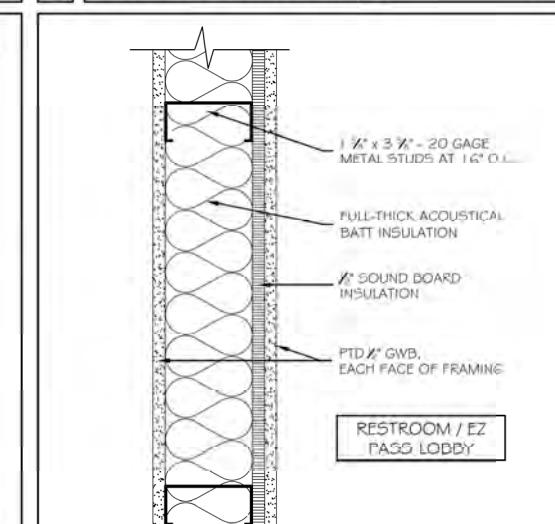
⑨ VENEER PANEL WALL DETAIL 3" = 1'-0"



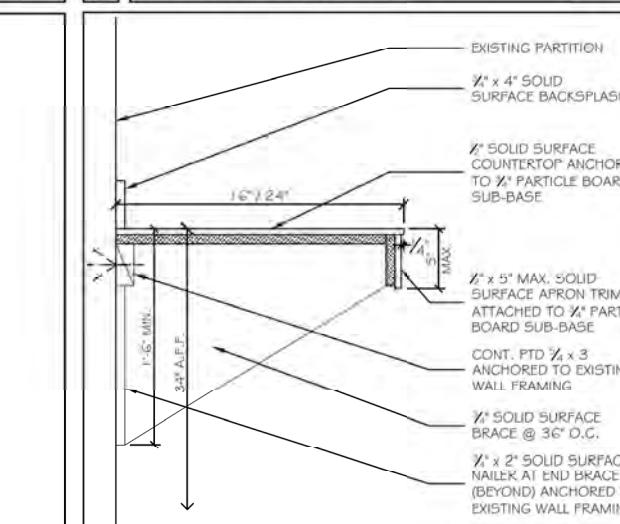
⑪ TRANSACTION WINDOW AT JAMB (HEAD SIM) 3" = 1'-0"



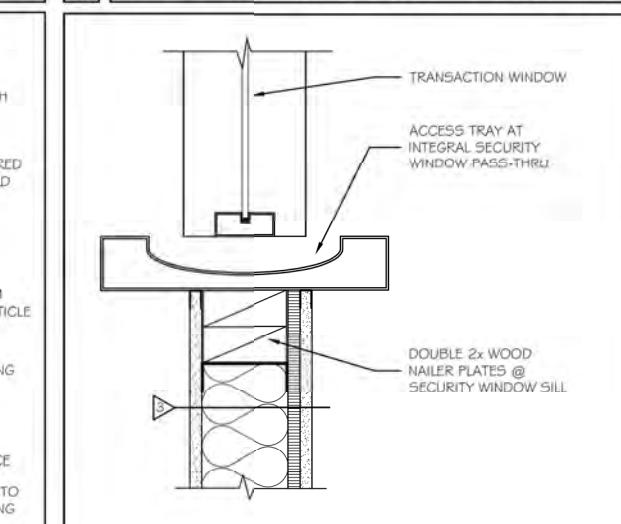
④ SHAFT WALL AT NEW VENT STACK 1/2" = 1'-0"



⑦ PARTITION DETAIL △ 3" = 1'-0"



⑩ TRANSACTION COUNTER 1 1/2" = 1'-0"



⑪ TRANSACTION WINDOW SILL 3" = 1'-0"

Scale: AS NOTED

Designed by:



Michael F. Hays, RA

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

GRANT HAYS ASSOCIATES
ARCHITECTURE & INTERIOR DESIGN
P.O. BOX 5179 PALMOUTH MAINE 04105
207.871.5900 www.granthays.com



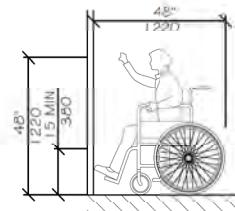
MTA PROJECT MANAGER: JACQUELINE HANSEN

THE GOLD STAR
MEMORIAL HIGHWAY

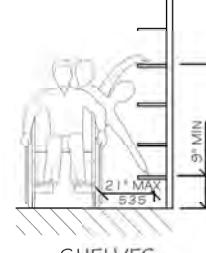
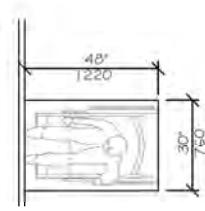
MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
DETAILS

SHEET NUMBER: A-16

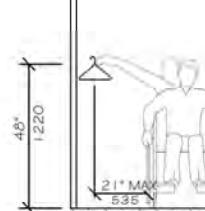
28 OF 70



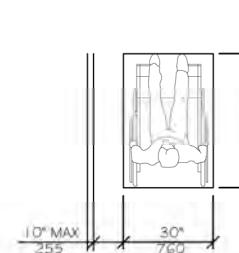
HIGH FORWARD REACH LIMIT
NTS



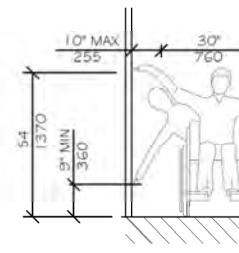
STORAGE SHELVES AND CLOSETS
NTS



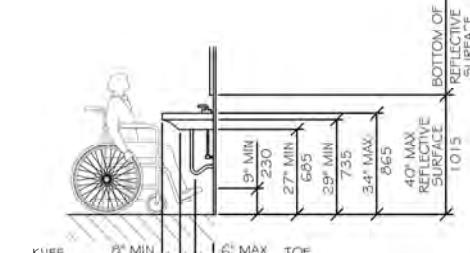
CLOSETS



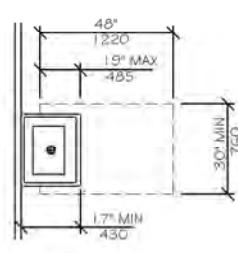
CLEAR FLOOR SPACE
PARALLEL APPROACH
NTS



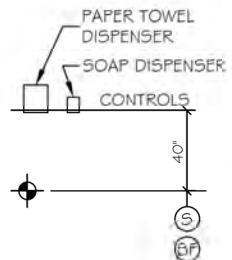
HIGH AND LOW
SIDE REACH LIMITS
NTS



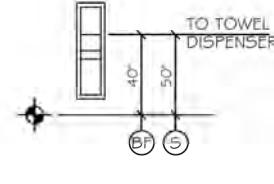
LAVATORY CLEARANCES
NTS



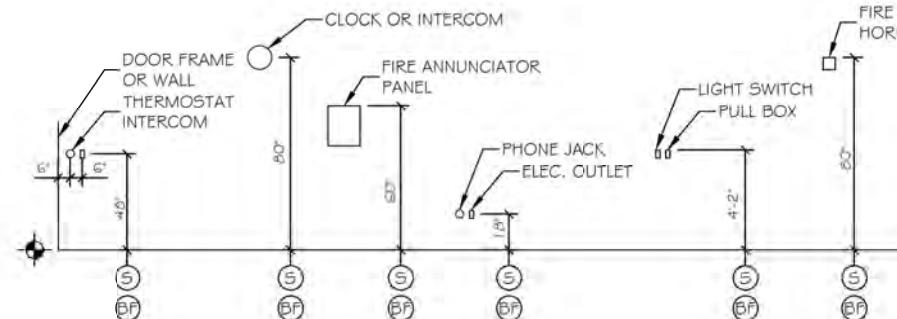
CLEAR FLOOR SPACE
AT LAVATORIES
NTS



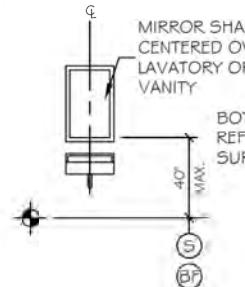
TOWEL & SOAP
DISPENSERS
NTS



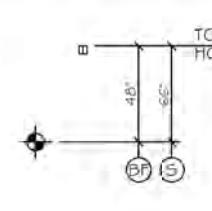
TOWEL DISPENSER
DISPOSAL UNIT
NTS



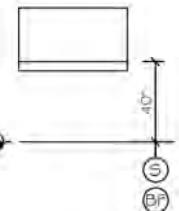
ELECTRICAL & FIRE PROTECTION DEVICES
TYPICAL UNLESS NOTED OTHERWISE
NTS



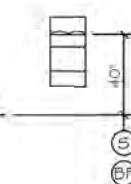
MIRROR OR MEDICINE CABINET
NTS



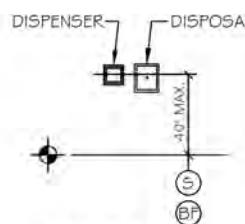
CLOTHES HOOK
NTS



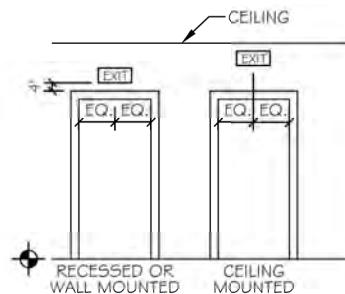
BABY CHANGE
STATION
NTS



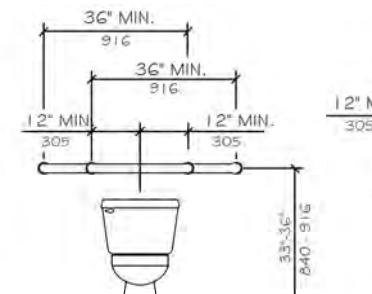
HAND DRYER
NTS



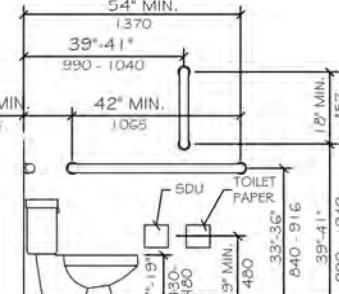
TOILET PAPER
DISPENSER &
SANITARY
DISPOSAL UNIT
NTS



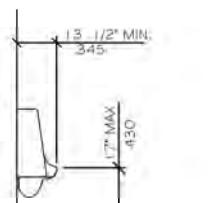
EXIT SIGNS
(TYPICAL UNLESS OTHERWISE NOTED)
NTS



GRAB BARS AT WATER CLOSETS
NTS



HEIGHT AND DEPTH OF URINAL
NTS



WALL HUNG TYPE



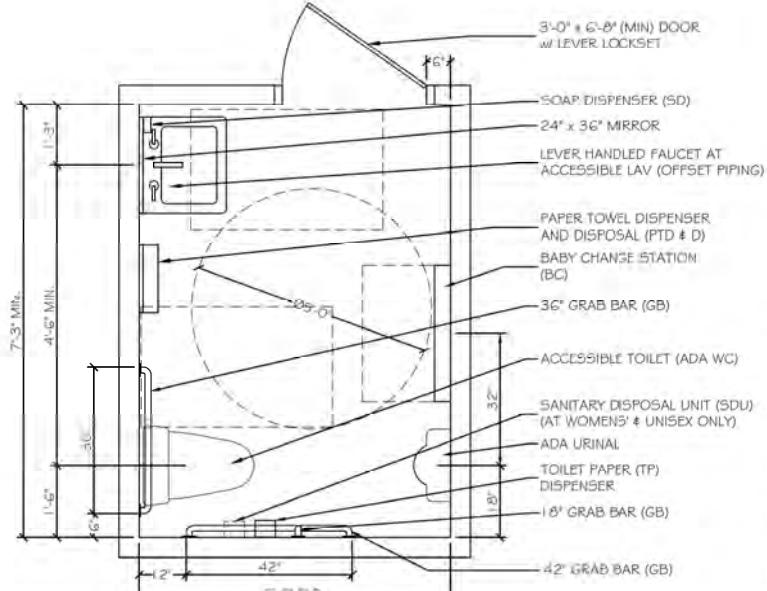
SIGN A

LEGEND

- (S) STANDARD MOUNTING HEIGHT
- (BF) BARRIER FREE ADULT MOUNTING HEIGHT
- (F) 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.



TYPICAL ACCESSORIES
NTS

ACCESSIBILITY ACCESSORY MOUNTING HEIGHTS

GRAB BARS	33-3/8"
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

- 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.
- ALL DOORS SHALL HAVE LEVER HANDLE HARDWARE, EXCEPT AT SECURED STORAGE ROOMS, MECHANICAL ROOMS, AND ELEVATOR MACHINE ROOMS.
- ALL CLOSERS SHALL BE 5LB PULL MAXIMUM AT DOORS EQUIPPED WITH LEVER HANDLE HARDWARE.
- 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.
- 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.
- ALL SIGNAGE SHALL BE MOUNTED 60" AFF TO BRAILLE COMPONENT AT LATCH-SIDE WALL OF DOORS AND OPENINGS.
- COMPLY WITH CURRENT EDITION OF THE AMERICANS WITH DISABILITIES ACT.
- ALL WC FLUSH CONTROLS SHALL BE LOCATED ON THE TRANSFER SIDE OF FIXTURE.

Scale: NO SCALE

Designed by:



Michael F. Hays, RA

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

No.	Revision	By	Date

Designed

Drawn

By

By

Date

Date

**GRANT HAYS
ASSOCIATES**

ARCHITECTURE & INTERIOR DESIGN
P.O. BOX 5179 PALMOUTH MAINE 04105
207.871.5900 www.granthays.com



MAINE
TURNPIKE



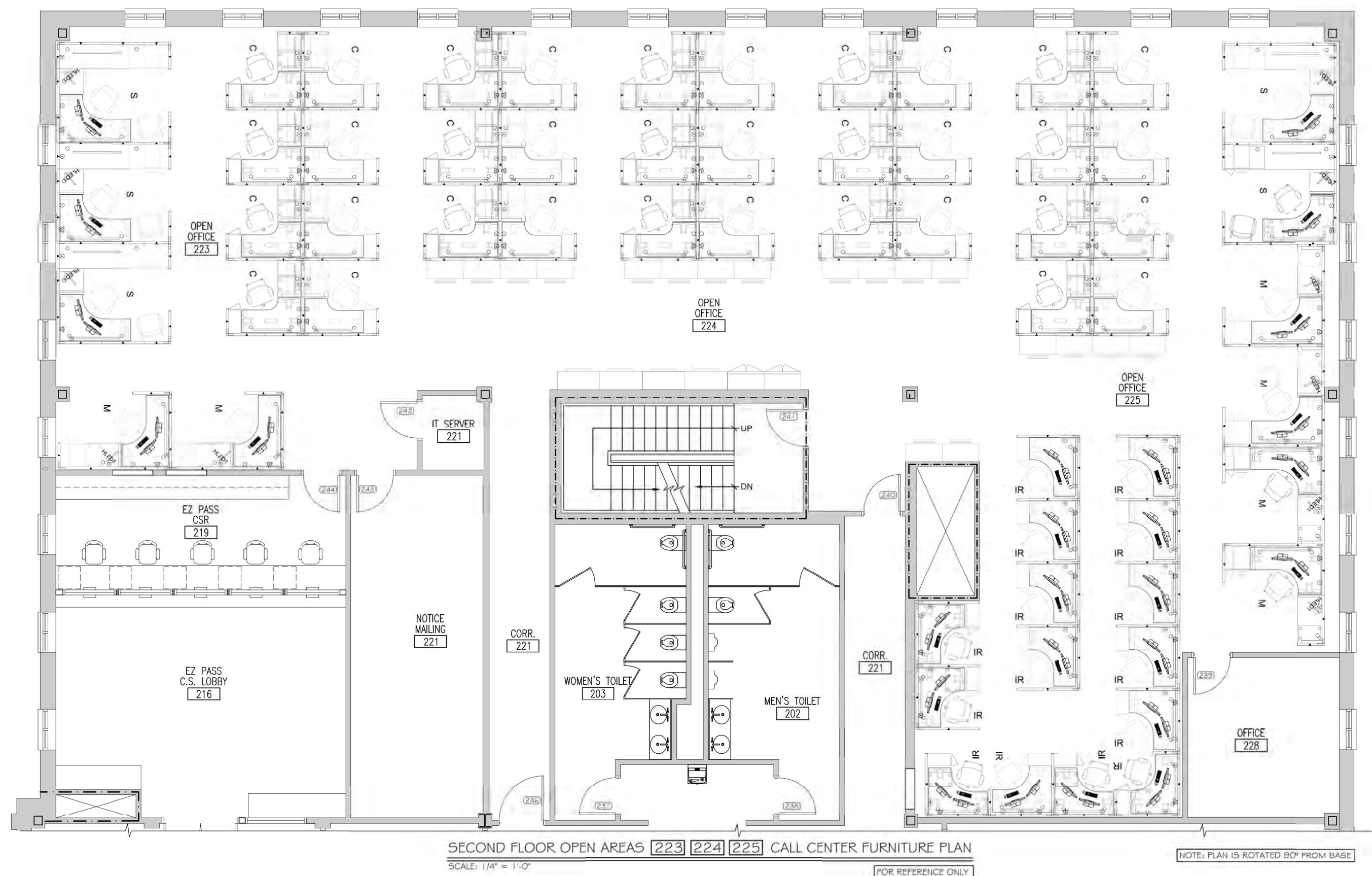
MTA PROJECT MANAGER: JACQUELINE HANSEN

**THE GOLD STAR
MEMORIAL HIGHWAY**

**MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
ACCESSIBILITY DETAILS & NOTES**

SHEET NUMBER: A-17

29 OF 70



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

Designed by:



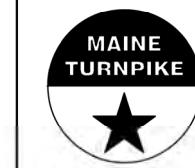
Michael F. Hays, RA

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

No.	Revision	By	Date

ARCHITECTURE & INTERIOR DESIGN
P.O. BOX 5179 PALMOUTH MAINE 04105
207.871.5900 www.granthays.com

GRANT HAYS
ASSOCIATES

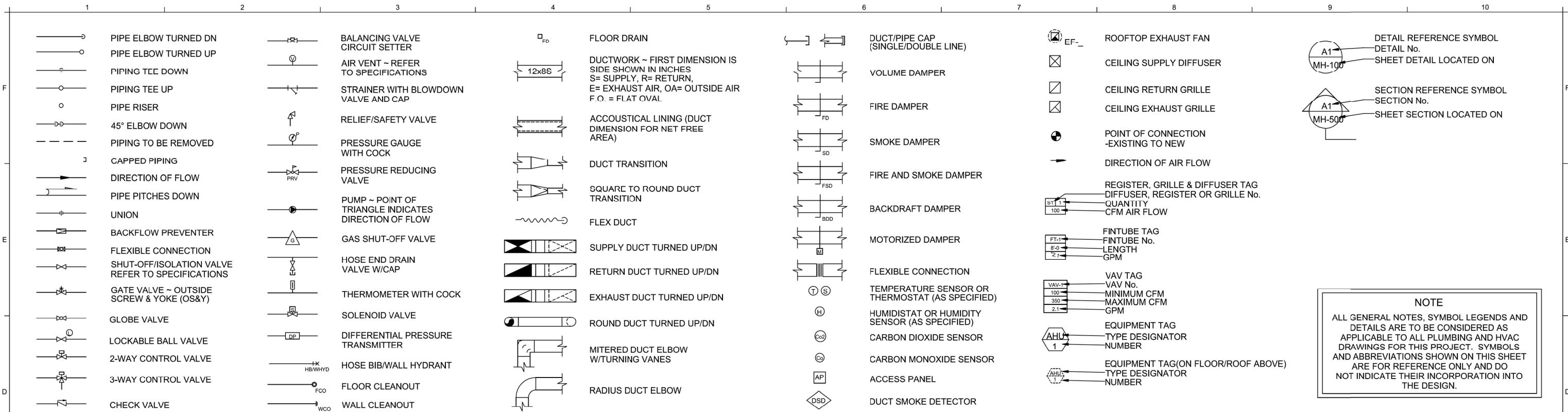


THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
CALL CENTER FURNITURE PLAN

SHEET NUMBER: A-19

31 OF 70



Scale: AS NOTED

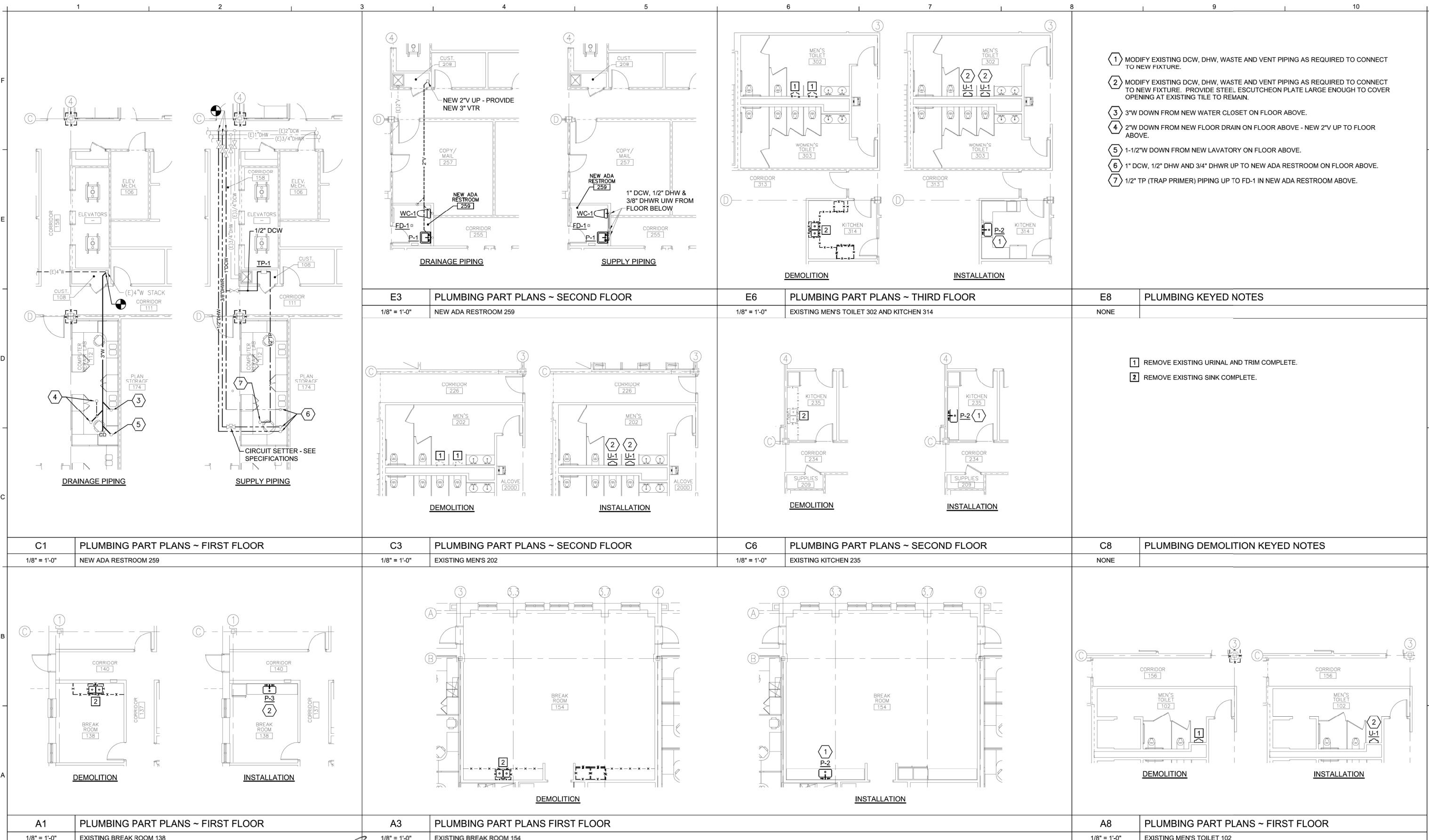
Designed by:

A circular seal for a professional engineer. The outer ring contains the text "STATE OF MAINE" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by a wavy line. The inner circle contains the name "ANTHONY S. DAVIS" and the number "No. 8834" in the center, flanked by two small stars.

THE GOLD STAR MEMORIAL HIGHWAY

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

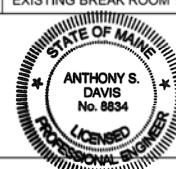
HEET NUMBER: M.0



Scale: AS NOTED

Designed by: ✓

ANTHONY S. DAVIS, P.E.



Allied Engineering
Structural Mechanical Electrical Plumbing

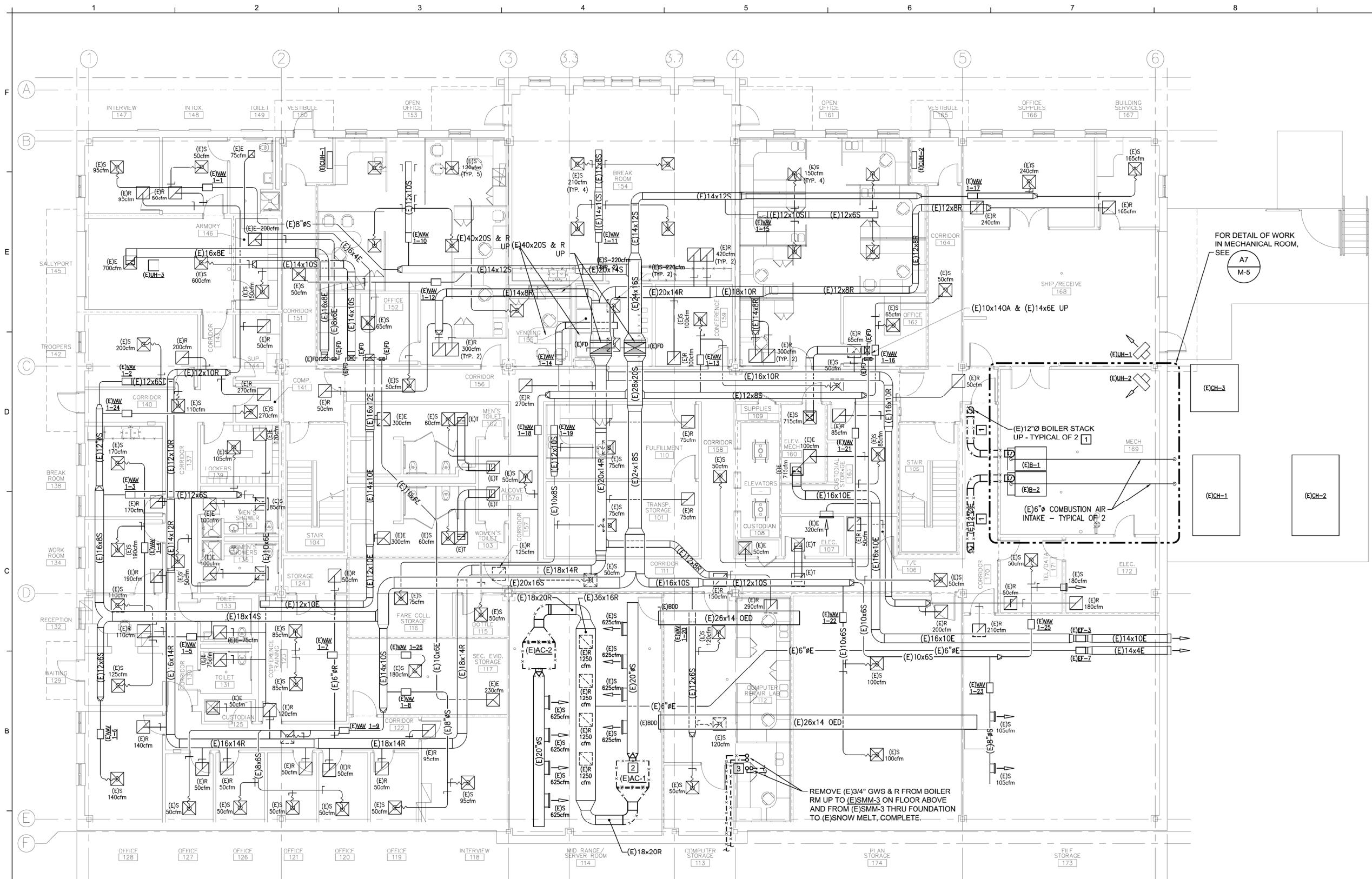


THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PLUMBING AND PLUMBING DEMOLITION
PART PLANS

SHEET NUMBER: P-

33 OF 70



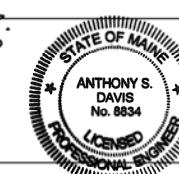
A1 MECHANICAL DEMOLITION PLAN - FIRST FLOOR

1/8" = 1'-0"

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.



ANTHONY S. DAVIS
No. 8834
LICENSED PROFESSIONAL ENGINEER

CONSULTANT PROJECT MANAGER:

By Date

Designed

ASD

02/26/2024

Checked

ASD

02/26/2024

By Date

Drawn

REW

02/26/2024

In Charge of

AEI PROJECT No.: 22095

160 Veranda Street
Portland, Maine 04103
P: 207.221.2260
F: 207.221.2266
Web: www.allied-eng.com



THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JACQUELINE HANSEN

CONTRACT: 2023.10

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL DEMOLITION PLAN
- FIRST FLOOR

SHEET NUMBER: MD-1

34 OF 70

GENERAL PROJECT PHASING NOTES

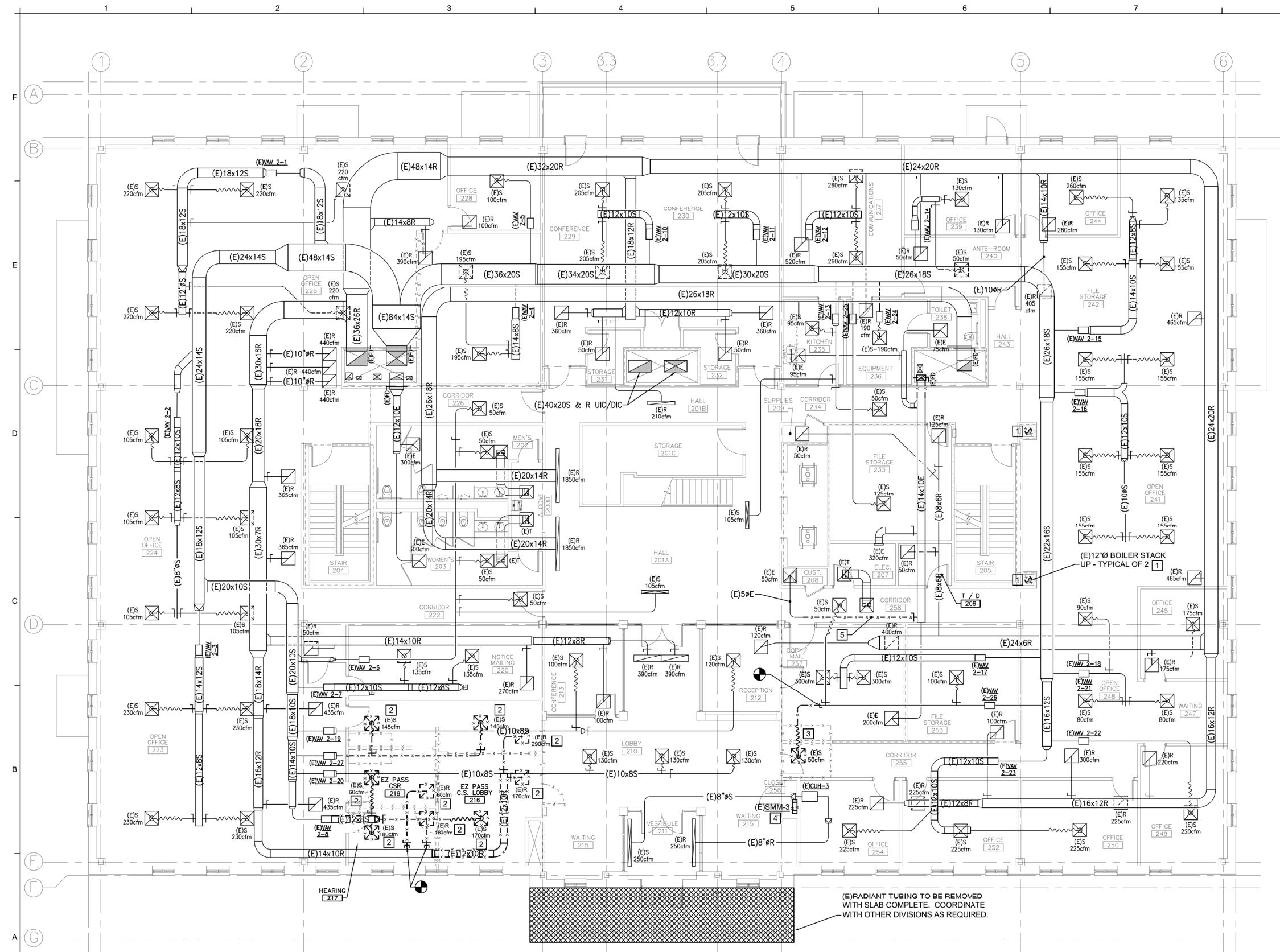
1. PHASING FOR THE PROJECT SHALL OCCUR AS OUTLINED ON SHEETS G-002, G-003, G-004 AND G-005 - CONCEPTUAL CONSTRUCTION PHASING.
2. THE CONTRACTOR SHALL COORDINATE ACTUAL EQUIPMENT REPLACEMENTS IN A MANNER WHICH CONSIDERS LEAD TIME FOR THE EQUIPMENT. COORDINATE EQUIPMENT DELIVERY SCHEDULES AND RIGGING REQUIREMENTS 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 DOWNTIME 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 BRECHING AND STACK COMPLETE. PHASE THE REMOVAL SUCH THAT ONLY ONE BOILER IS OFF-LINE AT ANY ONE TIME, WITH ONE BRECHING INSTALLED FOR THE FIRST BOILER PRIOR TO COMPLETING THE BRECHING / 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 UP TO (E)SM-3 ON FLOOR ABOVE AND FROM (E)SM-3 THRU FOUNDATION TO (E)SNOW MELT, COMPLETE.



PLAN NORTH



DEMOLITION KEYED NOTES

- REMOVE EXISTING STACK COMPLETE. PHASE THE REMOVAL TO MAINTAIN ONE BOILER IN OPERATION AT ALL TIMES. REFER TO ARCHITECTURAL PLANS FOR CHASE DEMOLITION.
- REMOVE EXISTING DUCT AND DIFFUSER / GRILLE COMPLETE.
- REMOVE EXISTING DUCT AND DIFFUSER. EXISTING DIFFUSER TO BE RELOCATED AS INDICATED.
- REMOVE EXISTING SMM-3.
- 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

Scale: AS NOTED

Designed by

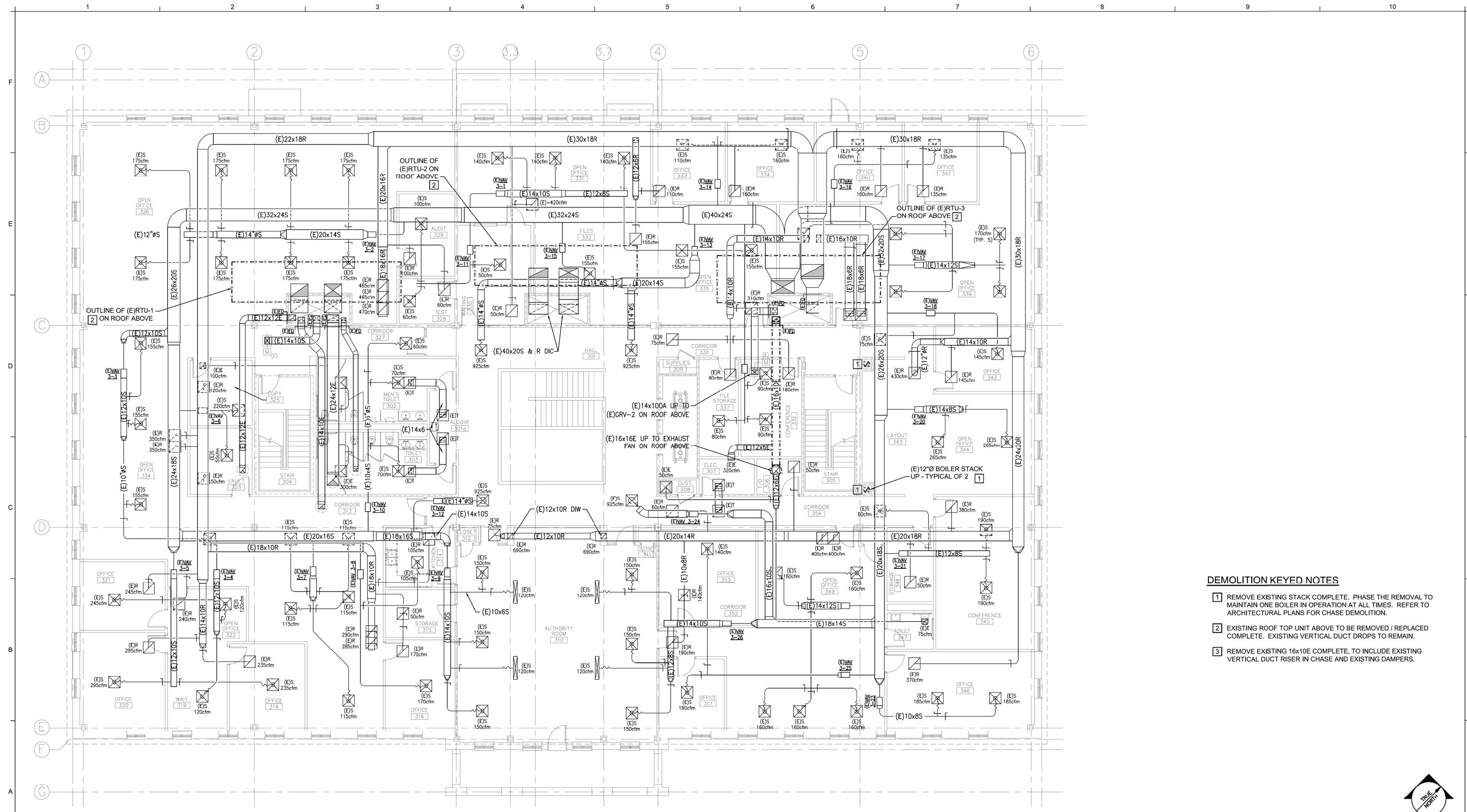
A photograph of a signature and a circular professional license seal. The signature, "Anthony S. Davis", is written in black ink above the seal. The seal is circular with a decorative border containing the words "STATE OF MAINE" at the top and "PROFESSIONAL ENGINEER" at the bottom. In the center of the seal, the name "ANTHONY S. DAVIS" is printed above the number "No. 8834". Below the name and number, the word "LICENSED" is printed in a bold, sans-serif font.

THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL DEMOLITION PLAN
- SECOND FLOOR

SHEET NUMBER: MD-2

MD 2
35 OF 70



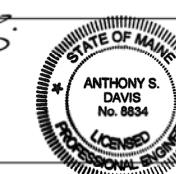
A1 MECHANICAL DEMOLITION PLAN - THIRD FLOOR

1/8" = 1'-0"

Scale: AS NOTED

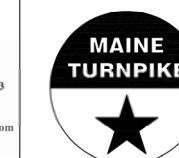
Designed by:

ANTHONY S. DAVIS, P.E.



CONSULTANT PROJECT MANAGER:

Allied Engineering
Structural Mechanical Electrical Plumbing
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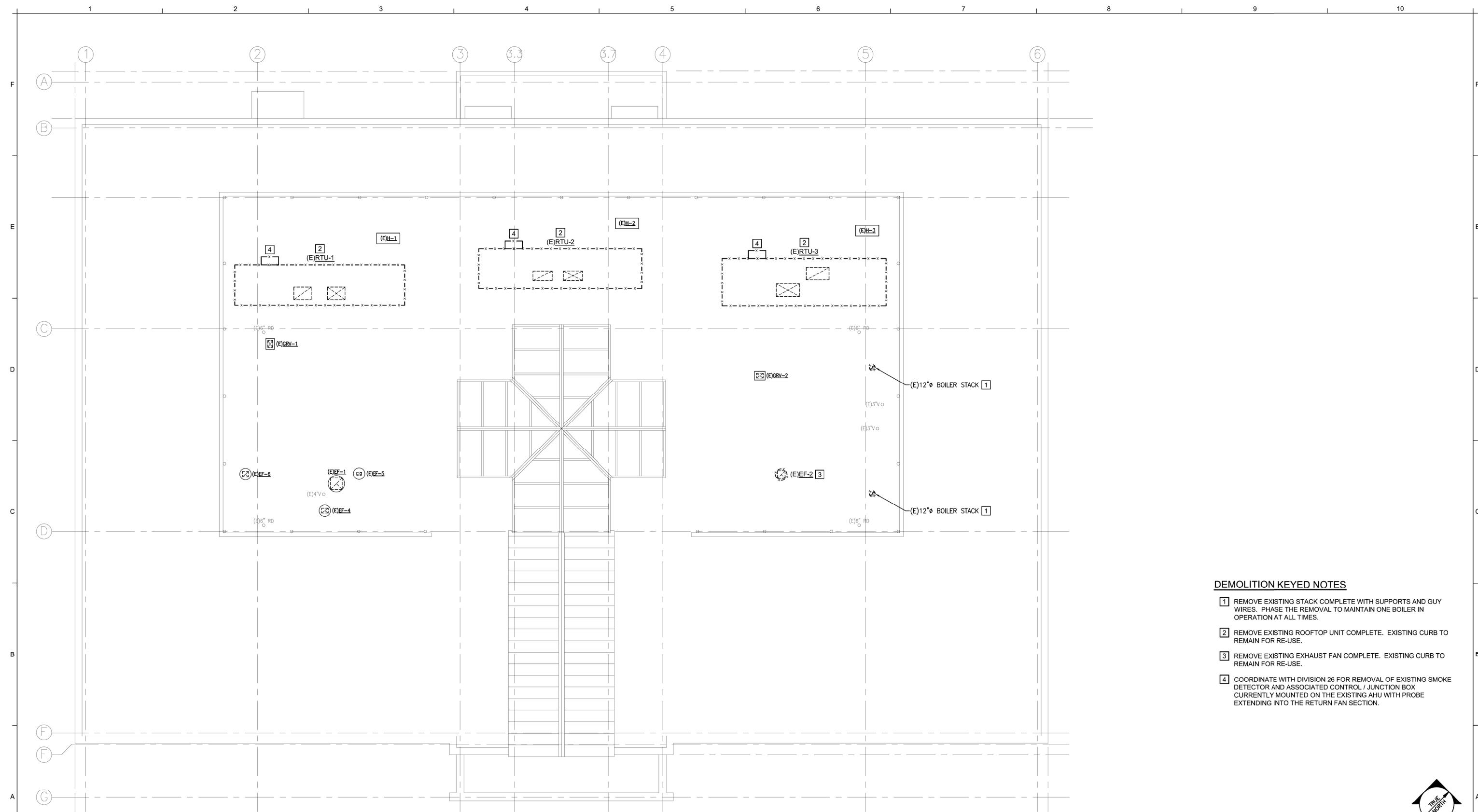


THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL DEMOLITION PLAN
- THIRD FLOOR

SHEET NUMBER: MD-3

36 OF 70

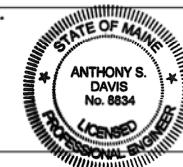


A1 MECHANICAL DEMOLITION PLAN - ROOF LEVEL
1/8" = 1'-0"

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.



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Structural Mechanical Electrical Plumbing
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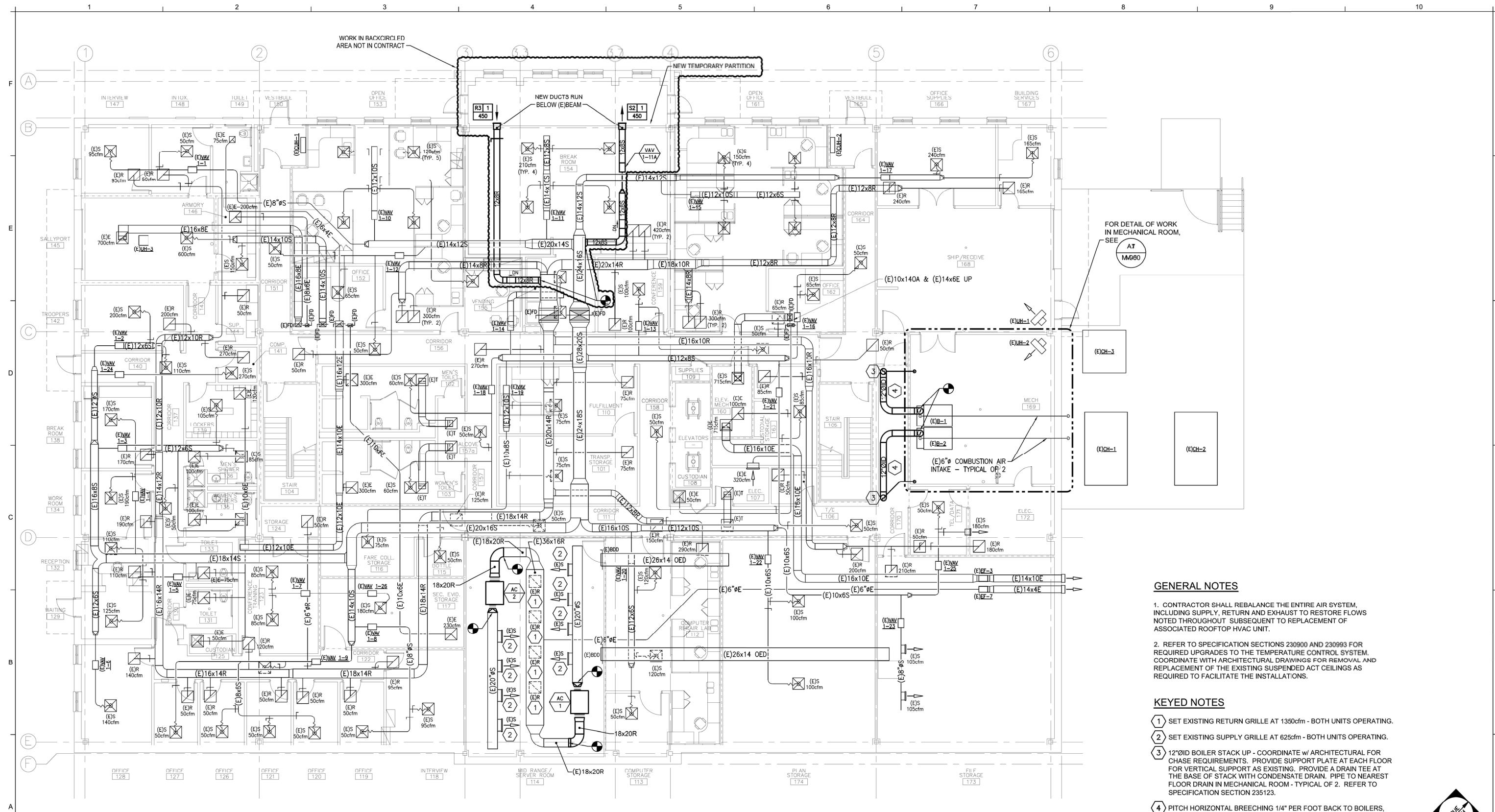
THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL DEMOLITION PLAN
- ROOF LEVEL

SHEET NUMBER: MD-4

37 OF 70





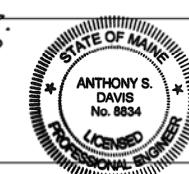
A1 MECHANICAL PLAN - FIRST FLOOR

1/8" = 1'-0"

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.



CONSULTANT PROJECT MANAGER:

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P: 207.221.2260
F: 207.221.2266
Web: www.allied-eng.com

Designed By Date Checked By Date

Drawn By Date In Charge of

AEI PROJECT No.: 22095

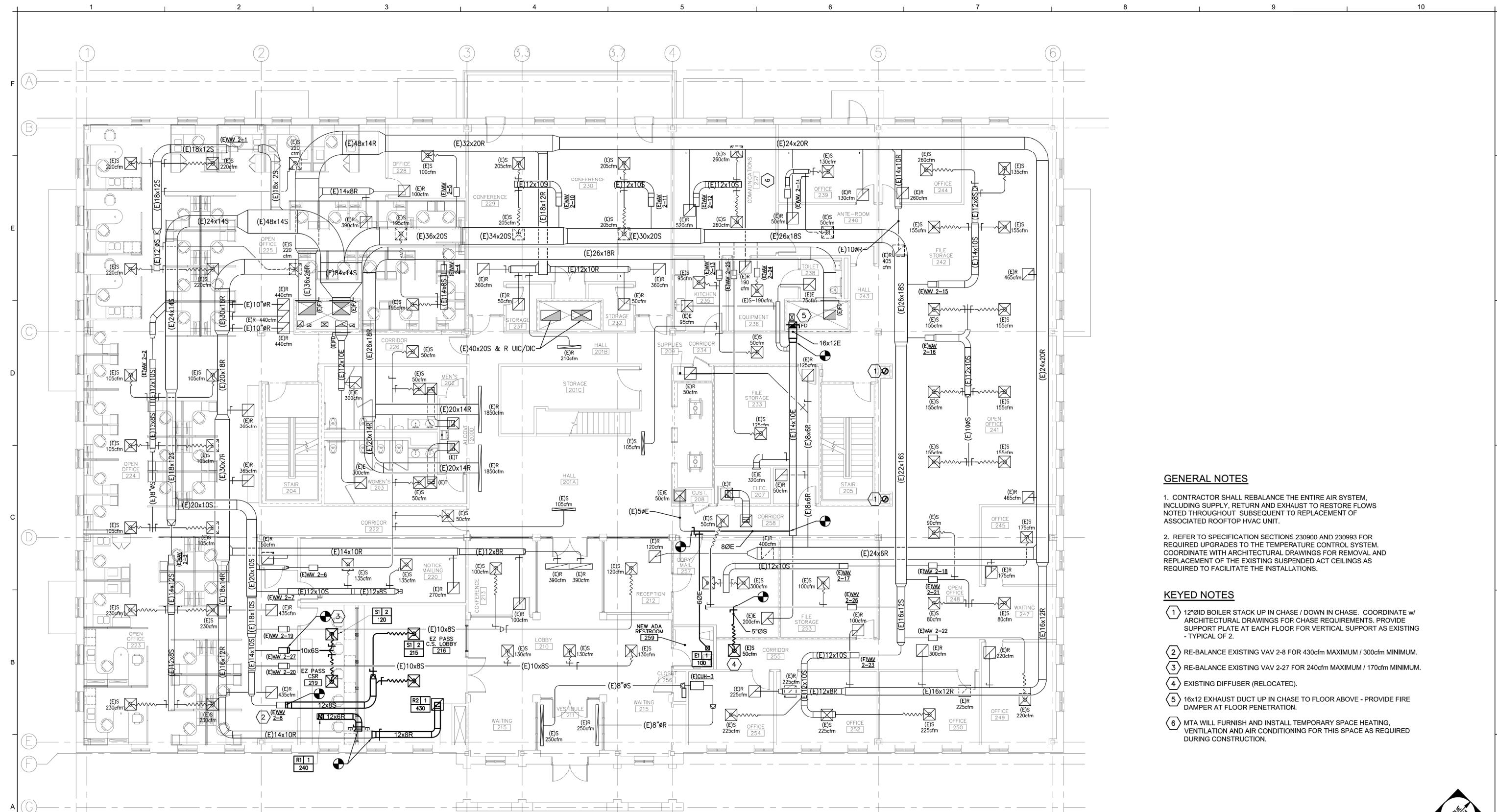


THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL PLAN
- FIRST FLOOR

SHEET NUMBER: MH-1

38 OF 70



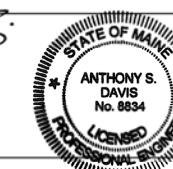
A1 MECHANICAL PLAN - SECOND FLOOR

1/8" = 1'-0"

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.



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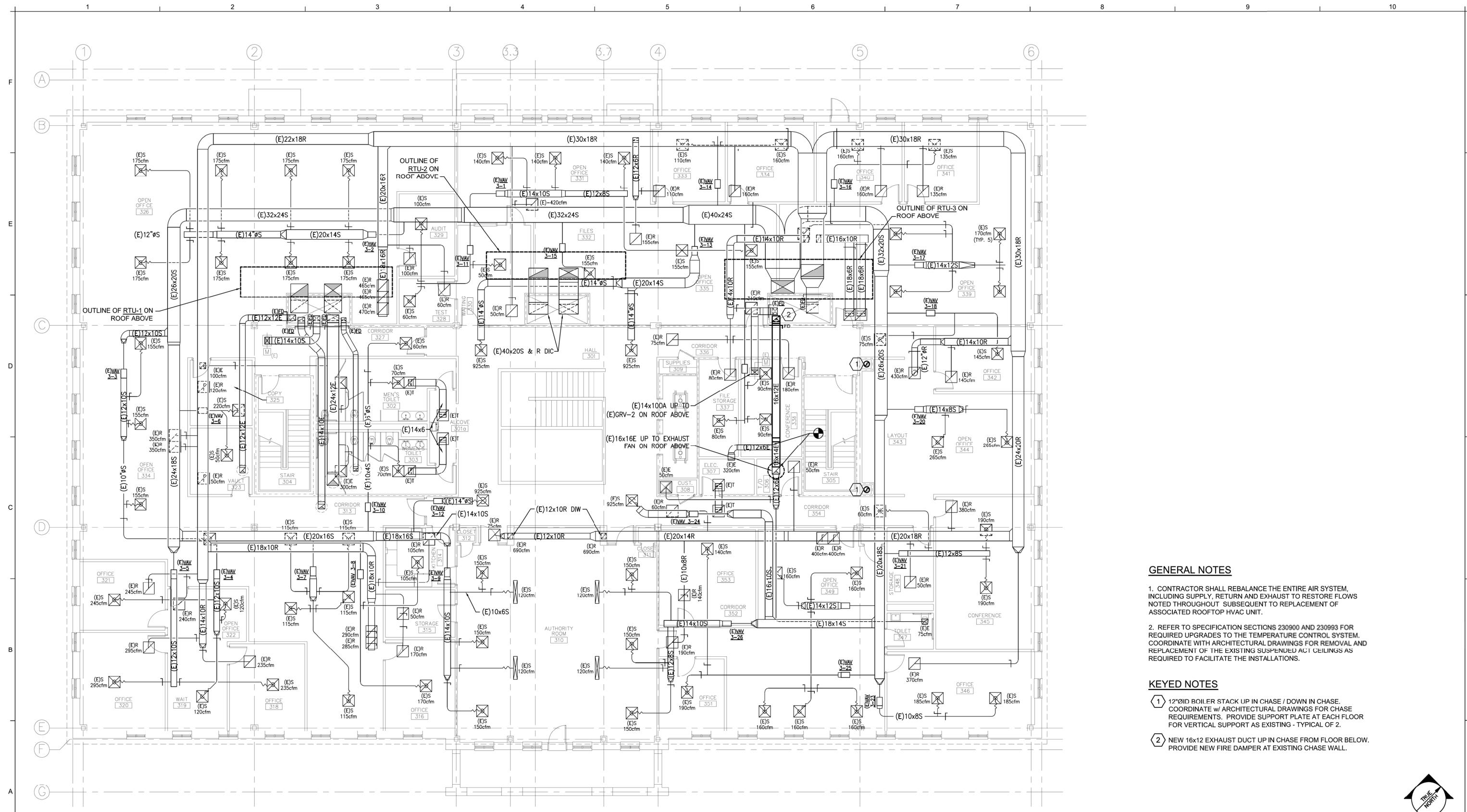
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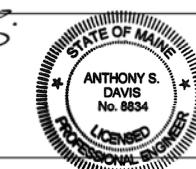


A1
1/8" = 1'-0"

Scale: AS NOTED

Designed by:

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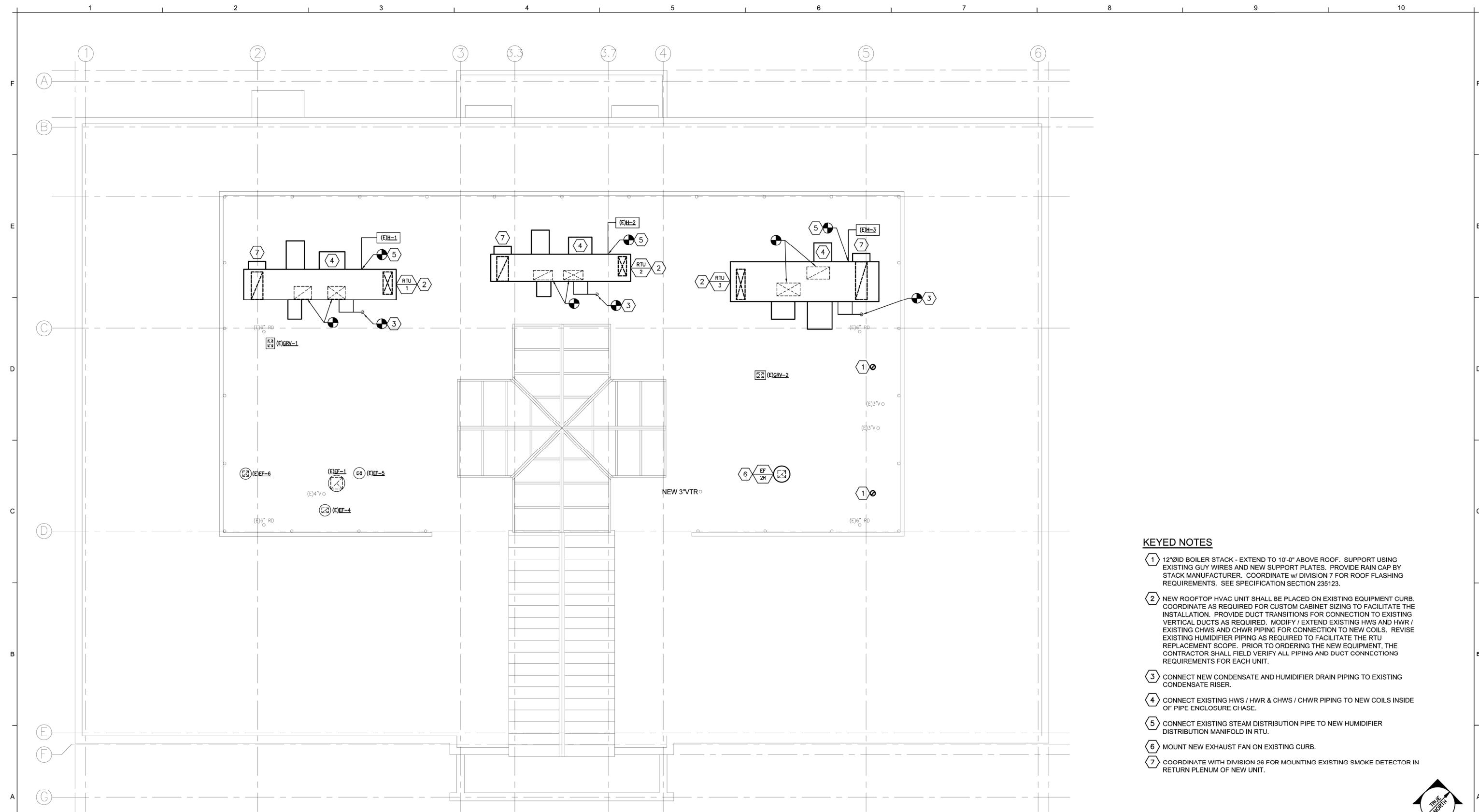
THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL PLAN
- THIRD FLOOR

SHEET NUMBER: MH-3

40 OF 70



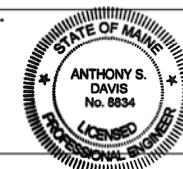


A1 MECHANICAL PLAN - ROOF LEVEL
1/8" = 1'-0"

Scale: AS NOTED

Designed by:

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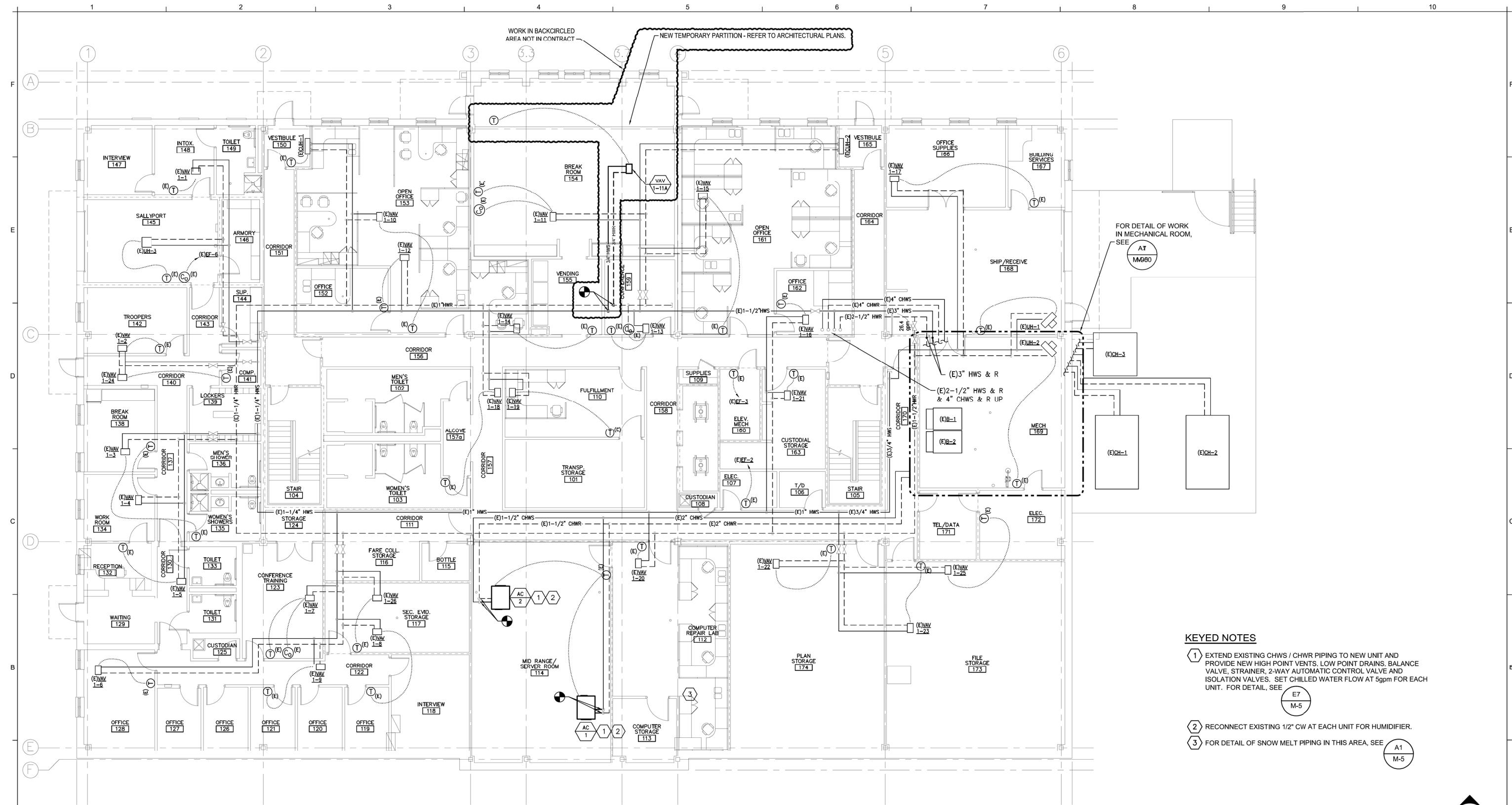


THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL PLAN
- ROOF LEVEL
SHEET NUMBER: MH-4
41 OF 70

MTA PROJECT MANAGER: JACQUELINE HANSEN

CONTRACT: 2023.10



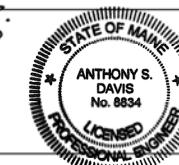
A1 MECHANICAL PIPING PLAN - FIRST FLOOR

1/8" = 1'-0"

Scale: AS NOTED

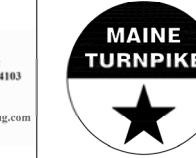
Designed by:

ANTHONY S. DAVIS, P.E.



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Fx: 207.221.2266
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Allied Engineering
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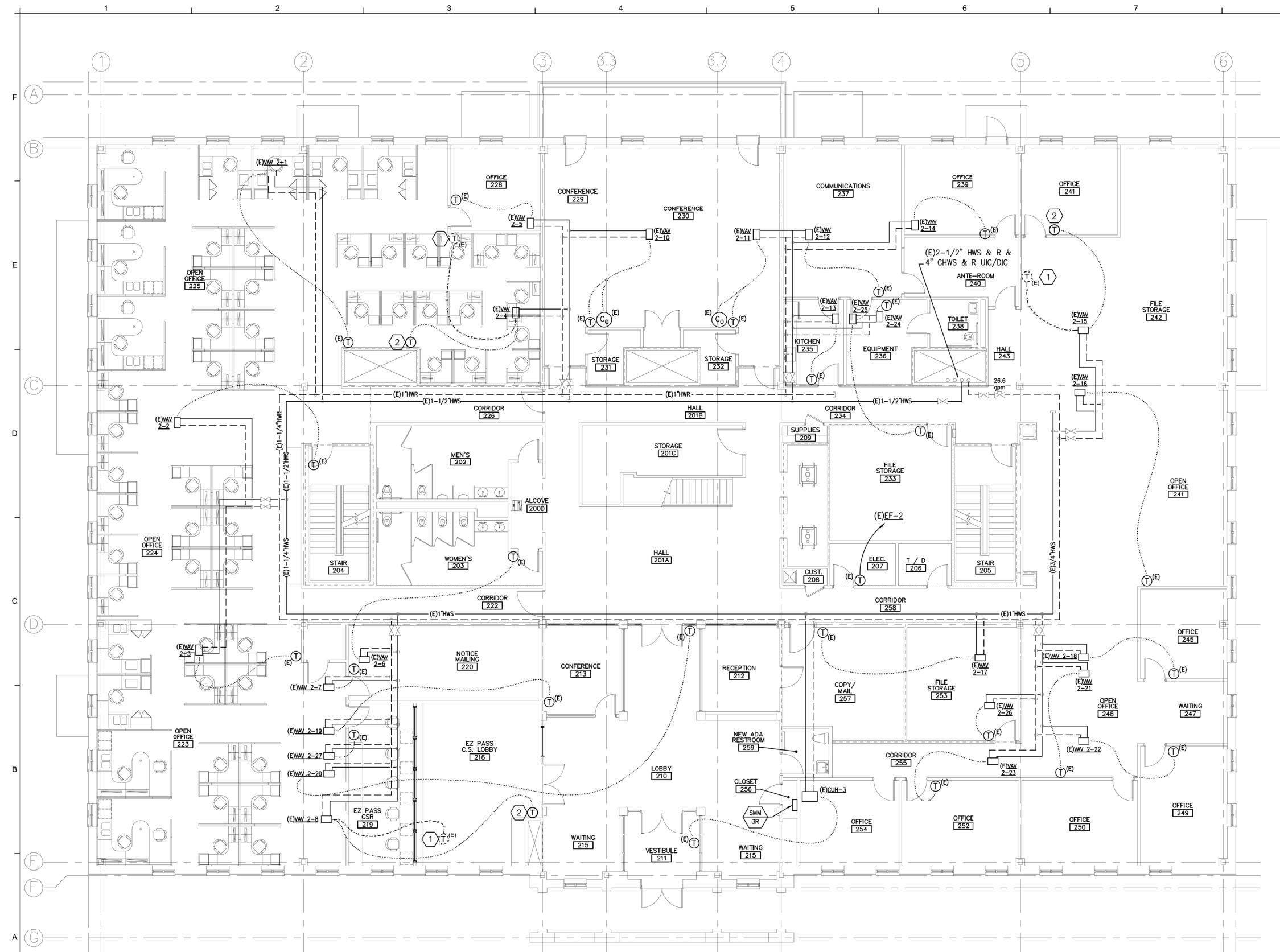


THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
MECHANICAL PIPING PLAN
- FIRST FLOOR

SHEET NUMBER: MP-1

42 OF 70



KEYED NOTES

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



PLAN NORTH

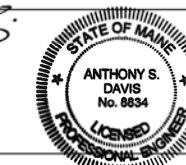
A1 MECHANICAL PIPING PLAN - SECOND FLOOR

1/8" = 1'-0"

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.



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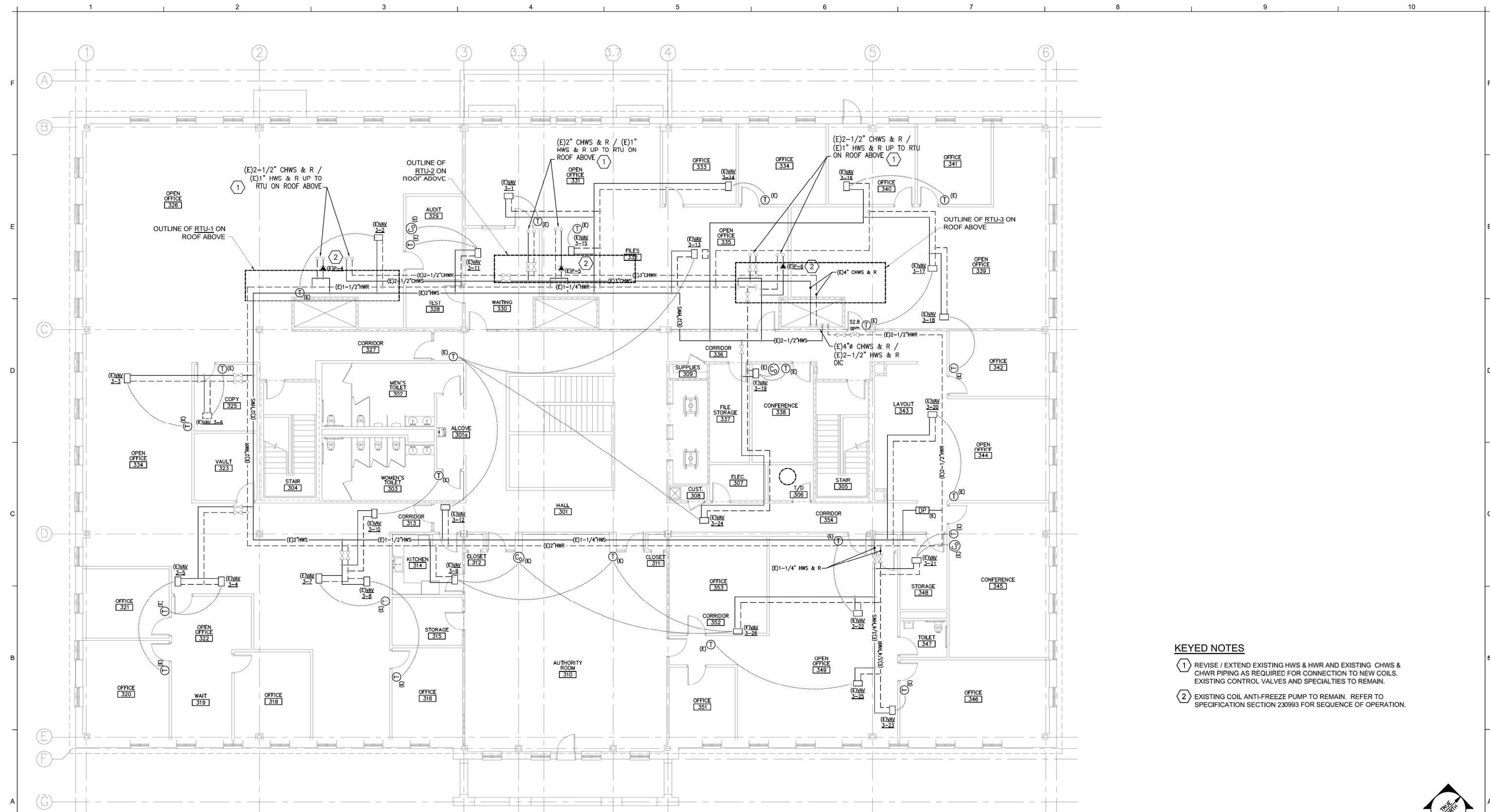
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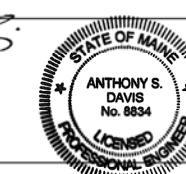


A1 MECHANICAL PIPING PLAN - THIRD FLOOR
1/8" = 1'-0"

Scale: AS NOTED

Designed by:

ANTHONY S. DAVIS, P.E.



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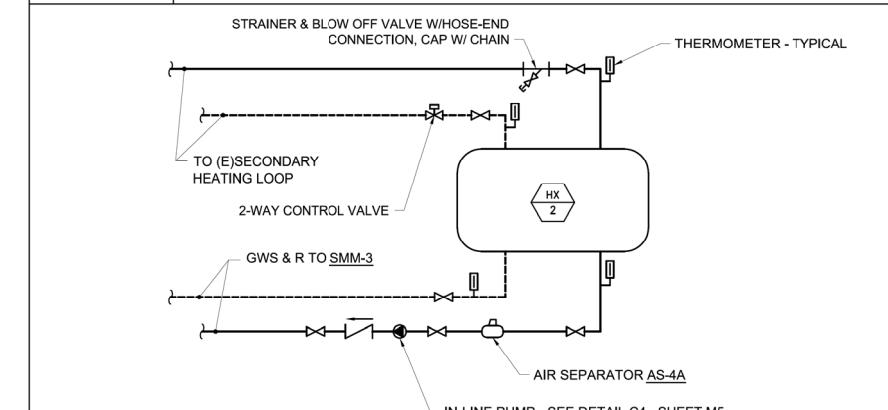
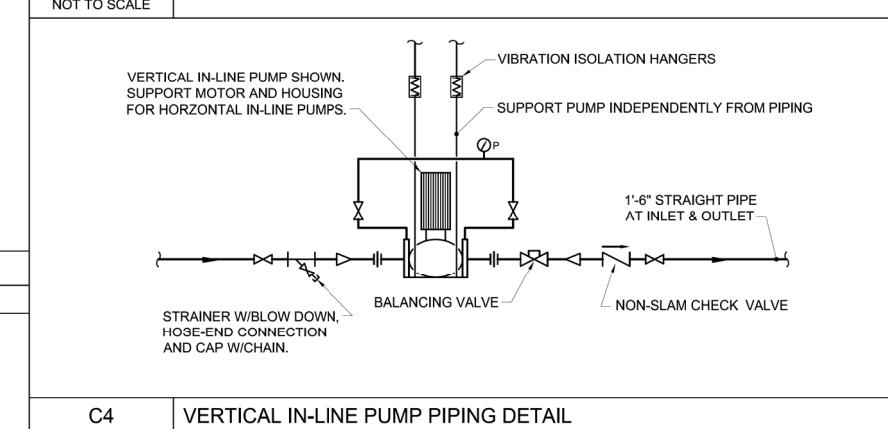
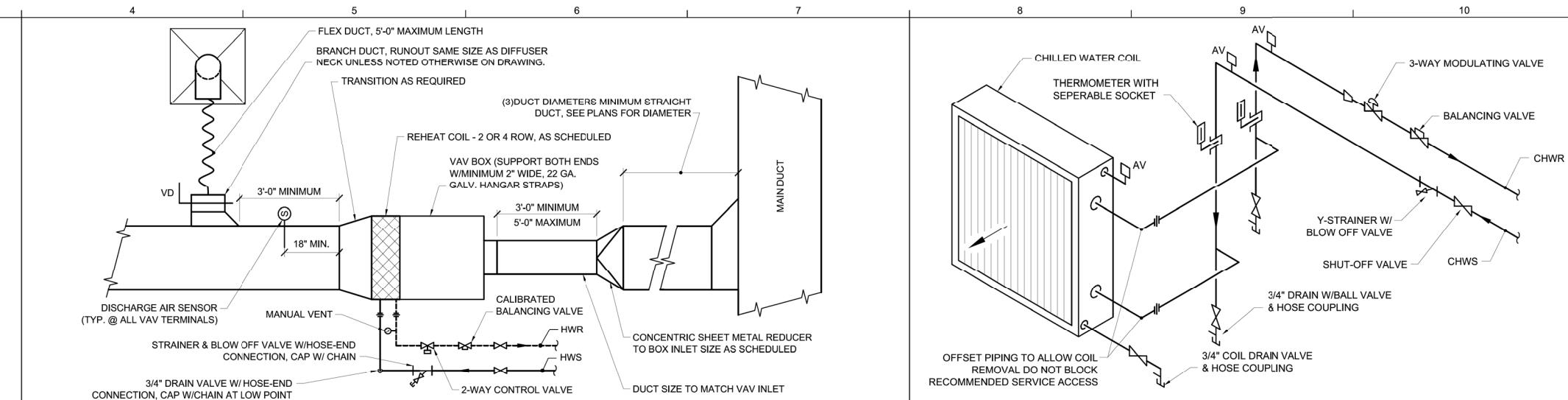
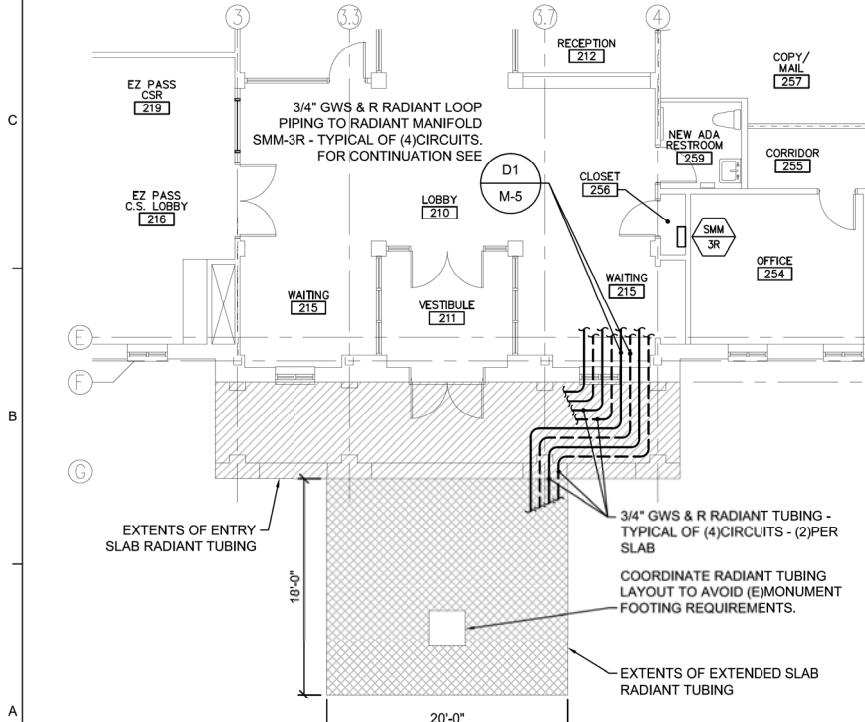
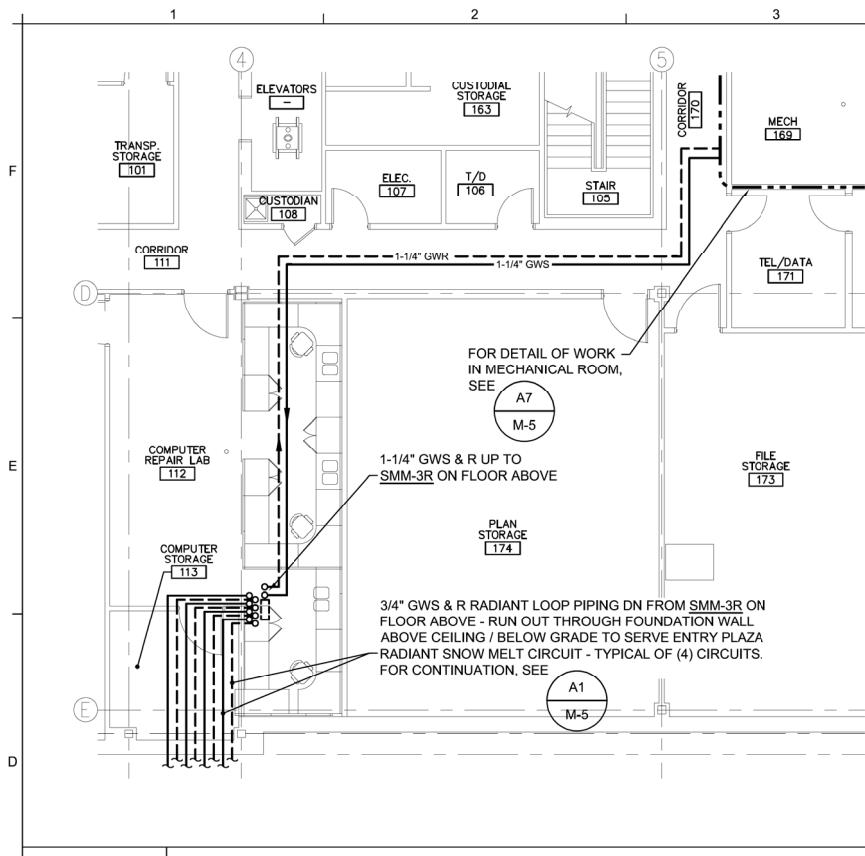
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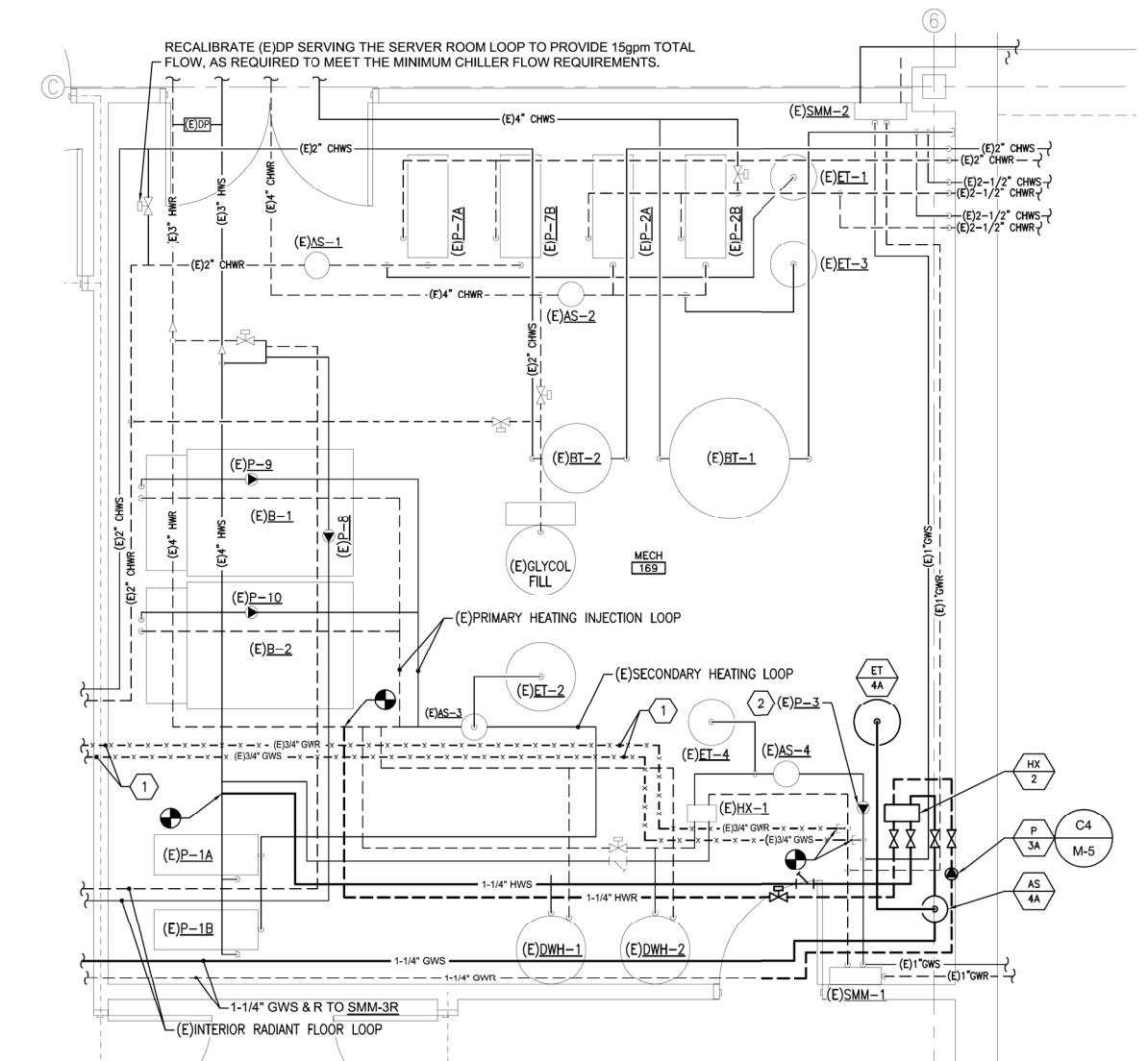
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1 REMOVE EXISTING 3/4" GWS & R SERVING (E)SMM-3 COMPLETE. CAP AT EXISTING GWS & R MAINS.
2 RE-BALANCE EXISTING PUMP TO SERVE EXISTING SMM-1 AND SMM-2 ONLY - EXISTING SMM-3 TO BE REMOVED.



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 MOUNT	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	DOUBBLE 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"				

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

AIR SEPARATION / EXPANSION TANK SCHEDULE	
SYSTEM	PRIMARY HEATING
AIR-DIRT SEPARATOR	AS-4A
MANUFACTURER	IACO
MODEL	4902 ADMT-125
TYPE	AIR AND DIRT SEPARATOR
INLET/OUTLET	2"
BLADDER-TYPE EXPANSION TANK	ET-4A
MANUFACTURER	IACO
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

HYDRONIC PUMP SCHEDULE										NOTES			
TAG	SYSTEM	MFR.	MODEL	SUCTION DISCH	TYPE	PUMPED FLUID	PERFORMANCE		ELECTRICAL COORDINATION			NOTES	
							GPM	HEAD	MOTOR	VOLTS/PH (60 Hz.)	STARTER TYPE	STARTER FURN. BY	
P-3A	SNOW MELT	TAICO	0026e	1 1/4" X 1 1/4"	ECM	40% P.G.	10	25	120 W	120/1	NA	---	DIS 26

REGISTERS - GRILLES - DIFFUSERS (RGD) SCHEDULE										NOTES	
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. W.C.)	ELECTRICAL			NOTES
								MOTOR BHP	MOTOR HP	STARTER / CONTROLLER TYPE	
EF-2R	ELEC ROOMS/BATHROOM	GREENHECK	CUE-160-VG	ROOF UPBLAST	DIRECT	1,755	.75"	0.37	0.50	ECM	ECM - FAN MFR
											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.
| VAV BOX AIR TERMINAL SCHEDULE | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TAG | SERVES | INLET SIZE | MAX. COOL CFM | MIN. COOL CFM | HEAT CFM | MAX RAD. DISCH. NC | APD AT MAX. CFM | COIL HEAT MBH | GPM | MAX WPD, FT HU | EWT | DT | LWT | EAT | LAT |

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GENERAL NOTES

- 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.
- 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.
- THE FACILITY IS SEISMIC DESIGN CATEGORY B, NO SEISMIC PROTECTION REQUIRED IAW NFPA 13.
- 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.
- 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.
- 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.
- 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.
- 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	BELLOW 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:

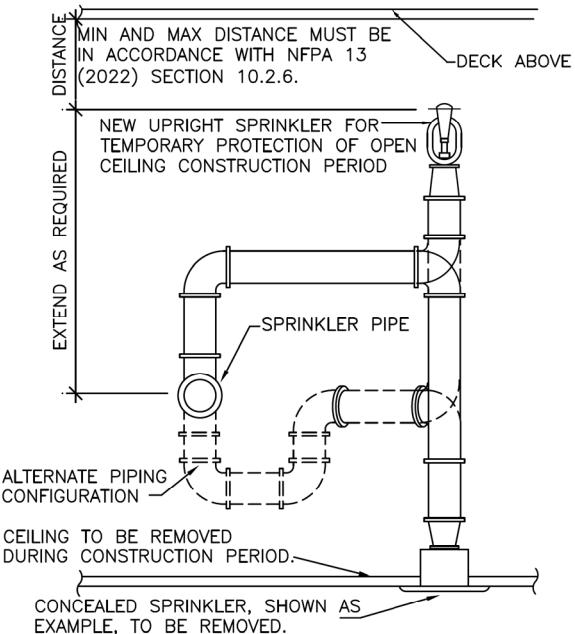
— — —	EXISTING
— — —	NEW
— — — —	DEMOLITION

FIRE PROTECTION LEGEND

- EXISTING PENDANT SPRINKLER HEAD TO BE REMOVED
- EXISTING PENDANT SPRINKLER HEAD TO REMAIN
- NEW WHITE RECESSED PENDANT 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

- SUBMIT MANUFACTURER'S PRODUCT DATA TO OWNERS REPRESENTATIVE FOR APPROVAL.
- 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.
- SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH NFPA 13 SECTION 23.1.3.
- SUBMIT AS-BUILT DRAWINGS AFTER ACCEPTANCE TESTING HAS BEEN COMPLETED.
- 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.
- 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.
- PROVIDE THE OWNER WITH WRITTEN INFORMATION ON THE PROPER INSPECTION, TESTING AND MAINTENANCE OF THE SYSTEM.
- A LIST OF NEW SPRINKLERS INSTALLED SHALL BE POSTED IN THE SPRINKLER CABINET, INCLUDING THE FOLLOWING:
 - THE SPRINKLER IDENTIFICATION NUMBER (SIN) IF EQUIPPED OR THE MANUFACTURER, MODEL, ORIFICE DEFLECTOR TYPE, THERMAL SENSITIVITY, AND PRESSURE RATING.
 - GENERAL DESCRIPTION
 - QUANTITY OF EACH TYPE TO BE CONTAINED IN THE CABINET.
 - ISSUE DATE OR REVISION OF THE LIST.
- PERFORM HYDRANT FLOW TEST, IAW NFPA 291, NO MORE THAN 6 MONTHS PRIOR TO SUBMITTING HYDRAULIC CALCULATIONS.
- 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

1 TEMPORARY SPRINKLER PROTECTION DETAIL
FP001 SCALE: NTS

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.

Scale: AS NOTED

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

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

No.	Revision	By	Date

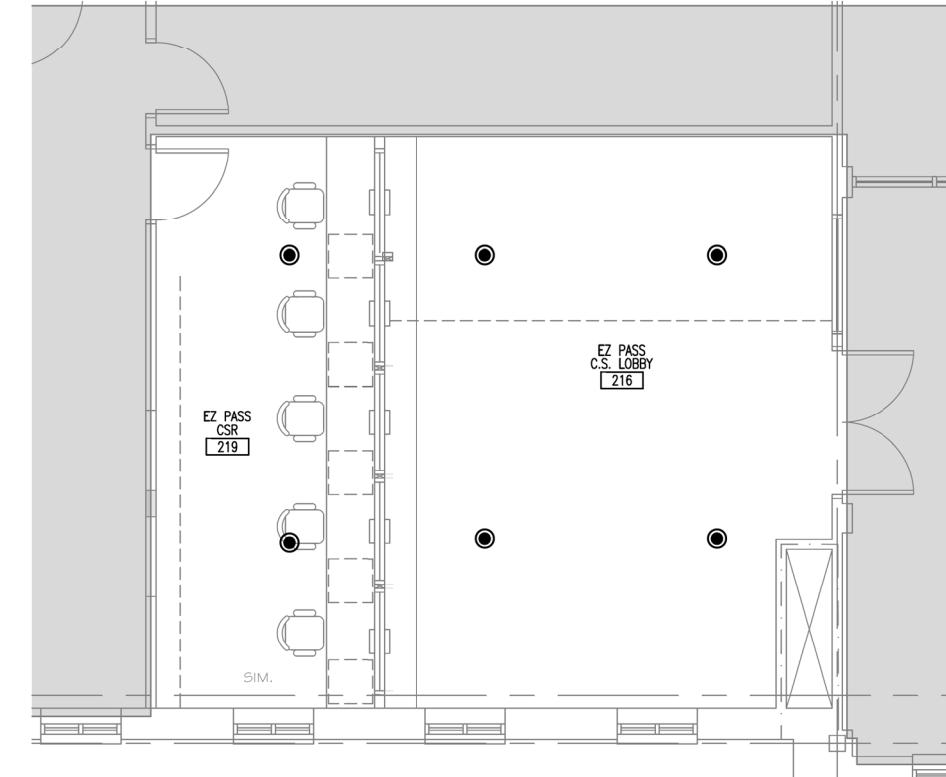
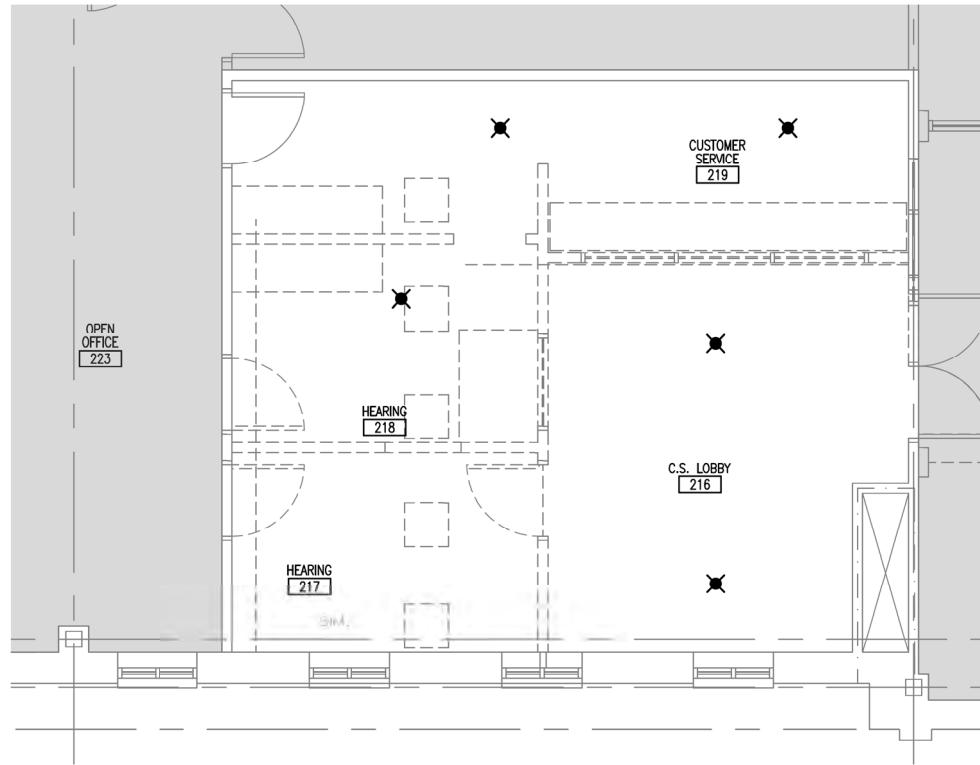


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THE GOLD STAR
MEMORIAL HIGHWAY
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
FIRE PROTECTION NOTES, LEGENDS, AND
DETAILS
SHEET NUMBER: FP001
CONTRACT: 2023-XXX



NOTES:

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

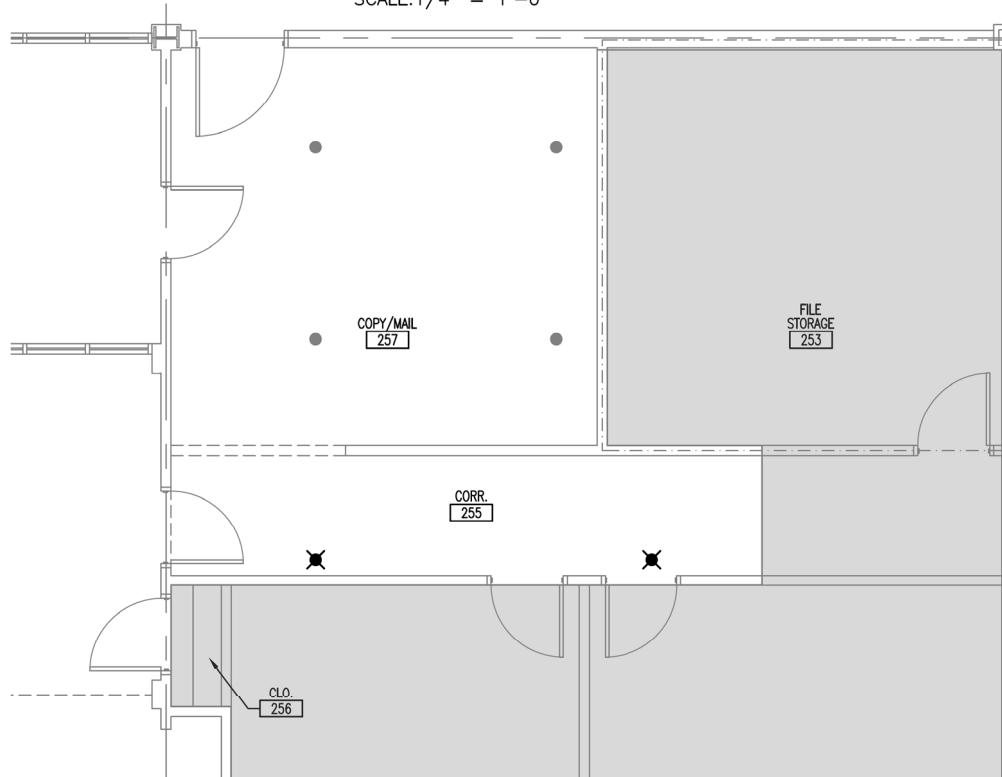
KEYED NOTES:

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

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



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

Scale: AS NOTED

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No.

Revision

By

Date



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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

48 OF 70

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

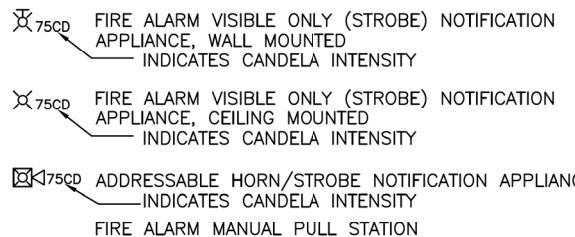
ICC REQUIREMENTS

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

NFPA REQUIREMENTS

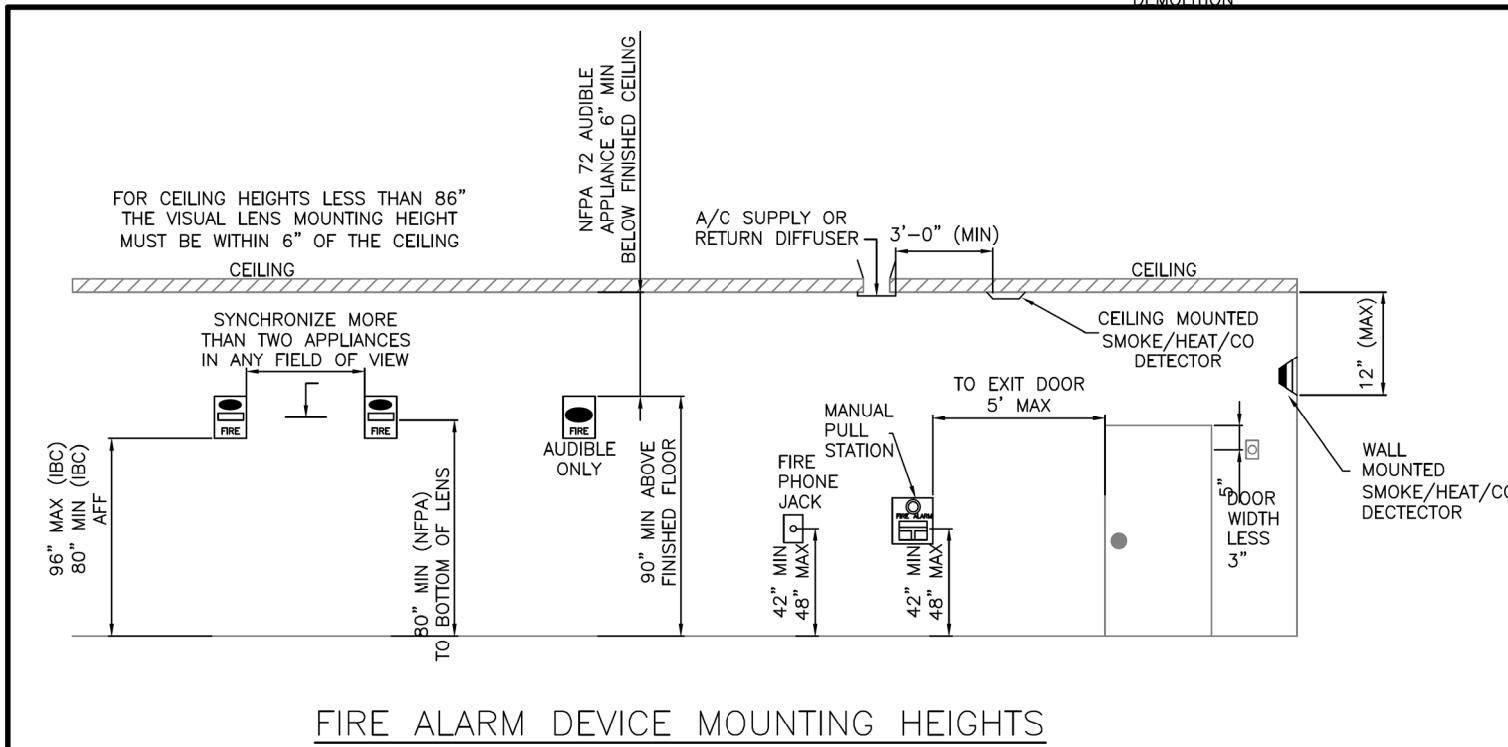
- NFPA 1: FIRE CODE, 2018
- NFPA 70: NATIONAL ELECTRICAL CODE, 2020
- NFPA 72: NATIONAL FIRE ALARM AND SIGNALING CODE, 2019
- NFPA 101: LIFE SAFETY CODE, 2018
- NFPA 170, STANDARD FOR FIRE SAFETY AND EMERGENCY SYMBOLS, 2024
- NFPA 2411: STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, 2019

FIRE ALARM LEGEND



LINE TYPES:

— EXISTING
— NEW
- - - DEMOLITION



Scale: AS NOTED

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CONSULTANT PROJECT MANAGER: GCE PRO



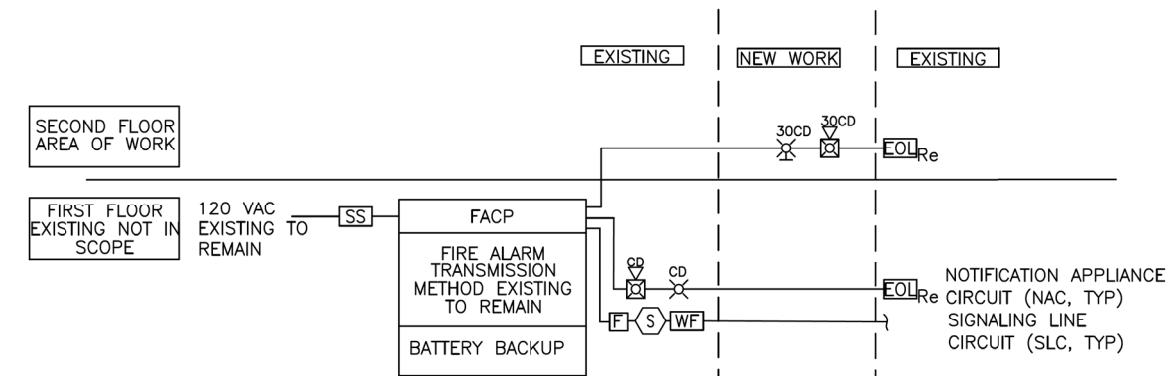
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207 553 77



THE GOLD STAR MEMORIAL HIGHWAY

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.



FIRE ALARM RISER

NOTES

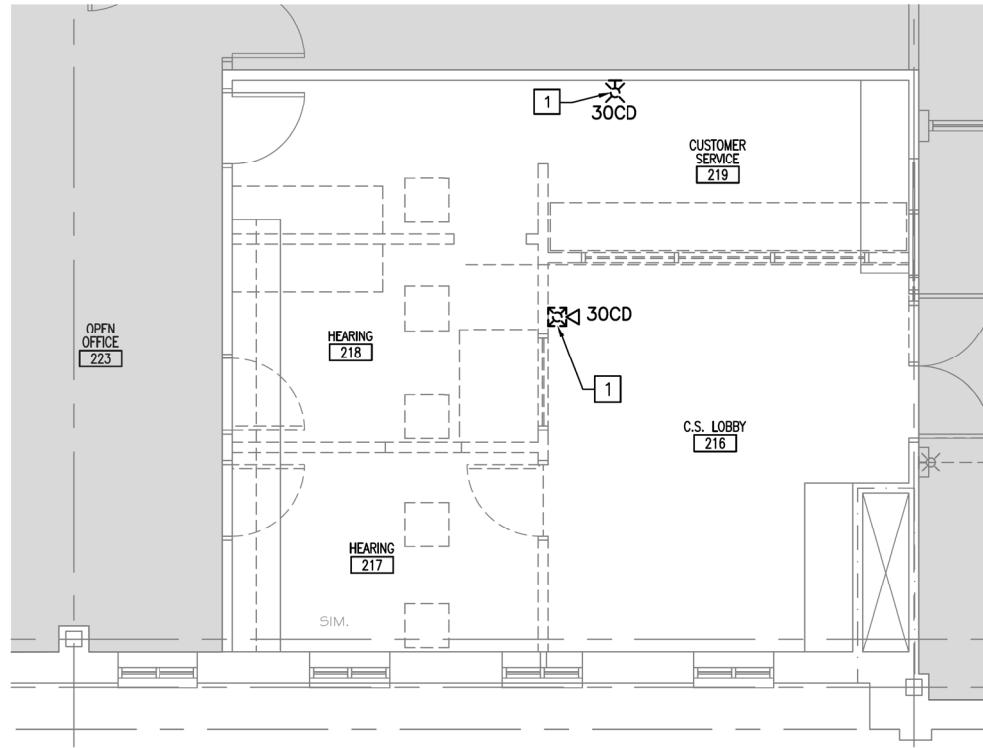
- A. EXISTING FACP LOCATED IN VESTIBULE 165.
- B. PROVIDE WIRING TYPES, SIZES, AND INTERCONNECTIONS RECOMMENDED BY THE MANUFACTURER.
- C. NOT ALL INPUT AND OUTPUT DEVICES ARE SHOWN. PROVIDE THESE DEVICES AS REQUIRED FOR PROPER SYSTEM OPERATION.
- D. EXISTING TO REMAIN, MODIFY OR EXPAND AS REQUIRED FOR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



MTA HEADQUARTERS
NG IMPROVEMENTS PROJECT
ARM NOTES, LEGENDS, AND
ABBREVIATIONS

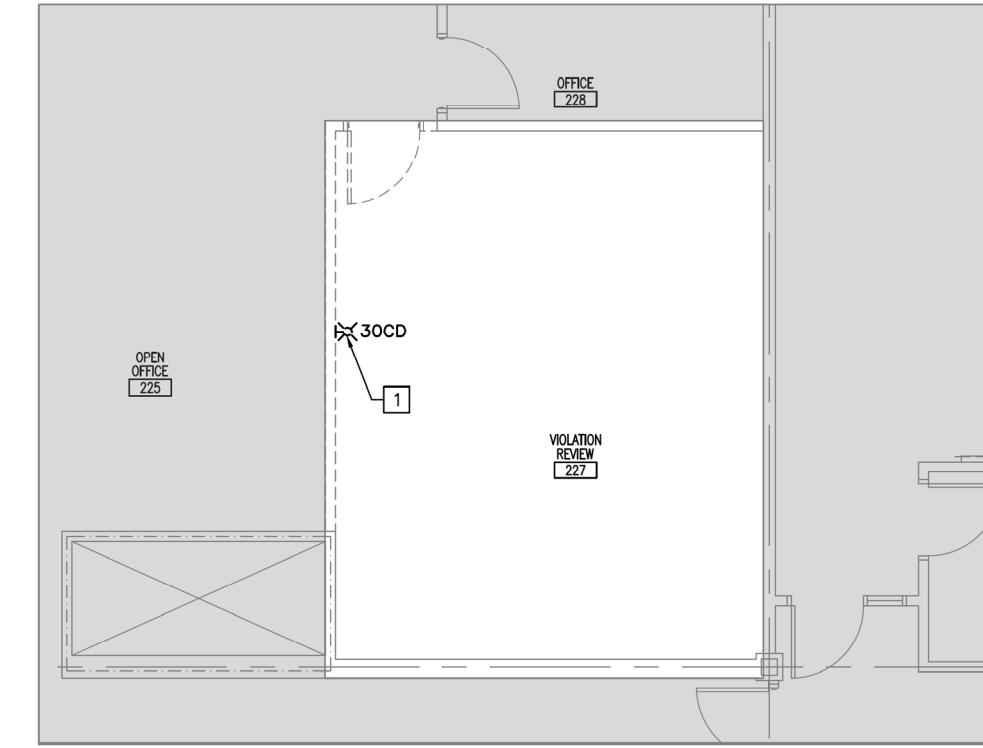
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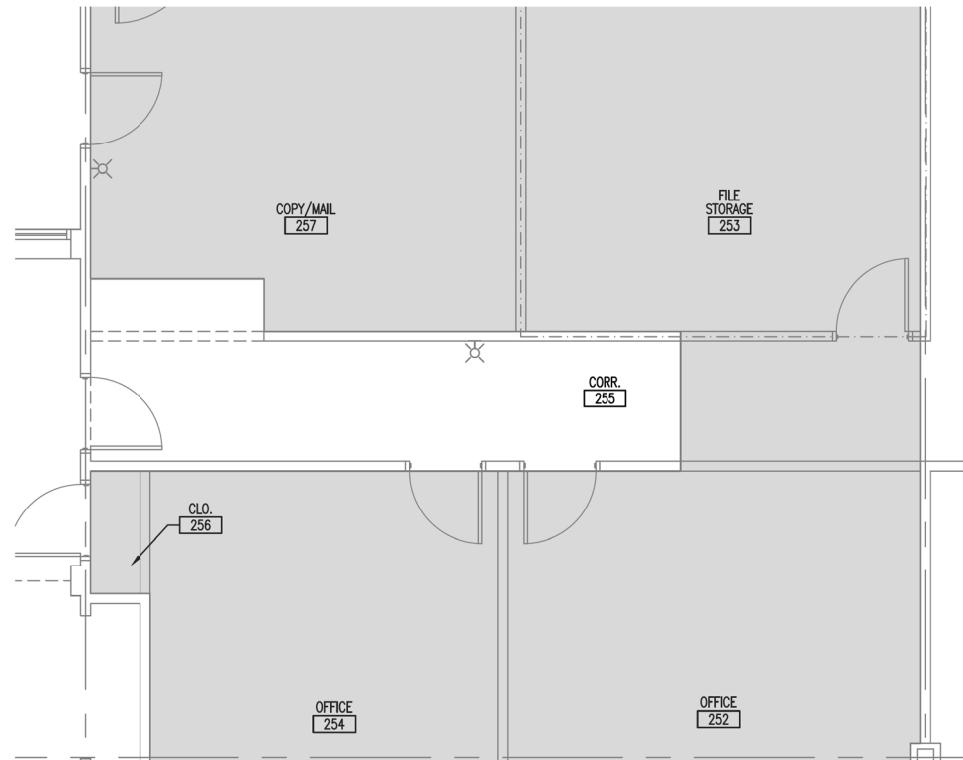
SECOND FLOOR FIRE ALARM DEMOLITION PART PLAN

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



SECOND FLOOR FIRE ALARM DEMOLITION PART PLAN

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



SECOND FLOOR FIRE ALARM DEMOLITION PART PLAN

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

NOTES:

- SEE SHEET FA001 FOR NOTES, LEGENDS, AND DETAILS.
- EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL LOCATED IN VESTIBULE 165 ON FIRST FLOOR.
- 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.



0 2' 4' 8'

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

Scale: AS NOTED

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No. Revision By Date

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207.553.7753



THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
SECOND FLOOR FIRE ALARM DEMOLITION PART
PLANS

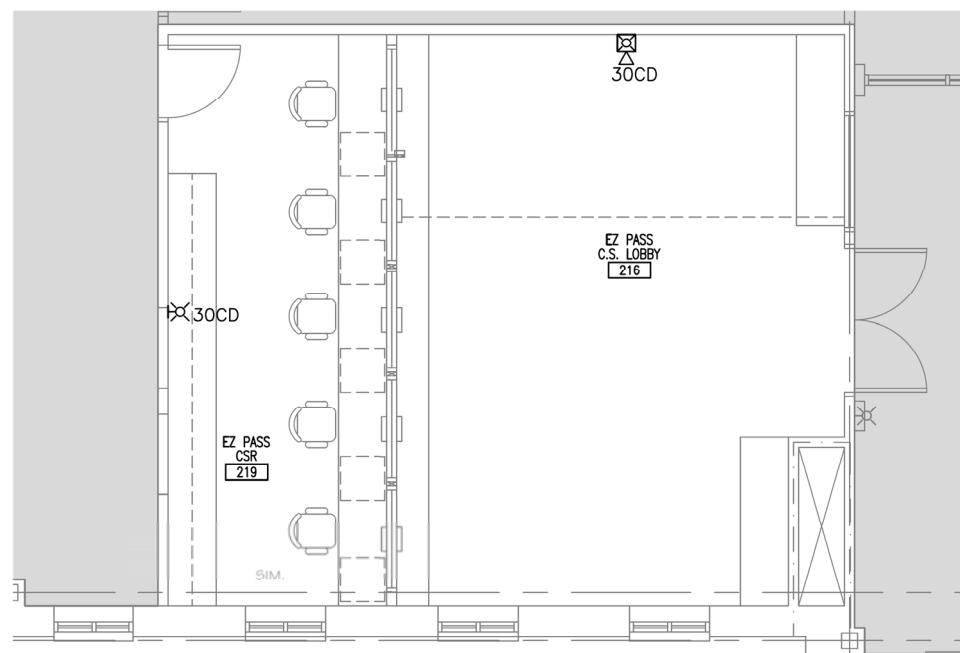
SHEET NUMBER: FA101

50 OF 70

NOTES:

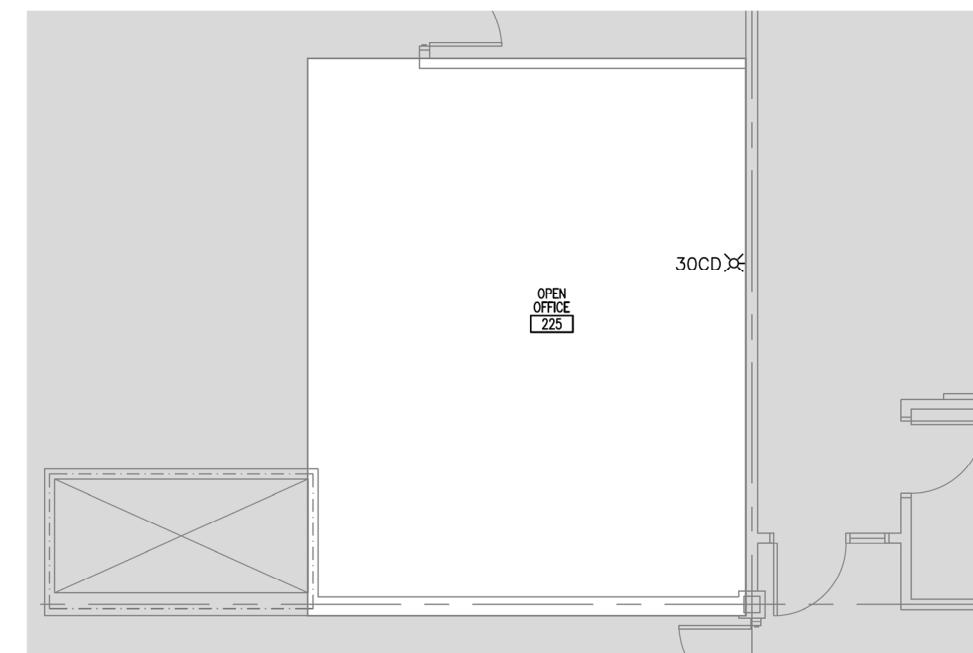
1. SEE SHEET FA001 FOR NOTES, LEGENDS, AND DETAILS.
2. EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL LOCATED IN VESTIBULE 165 ON FIRST FLOOR.
3. COORDINATE WITH OTHER TRADES FOR WORK PERFORMED.

NOT IN SCOPE OF WORK



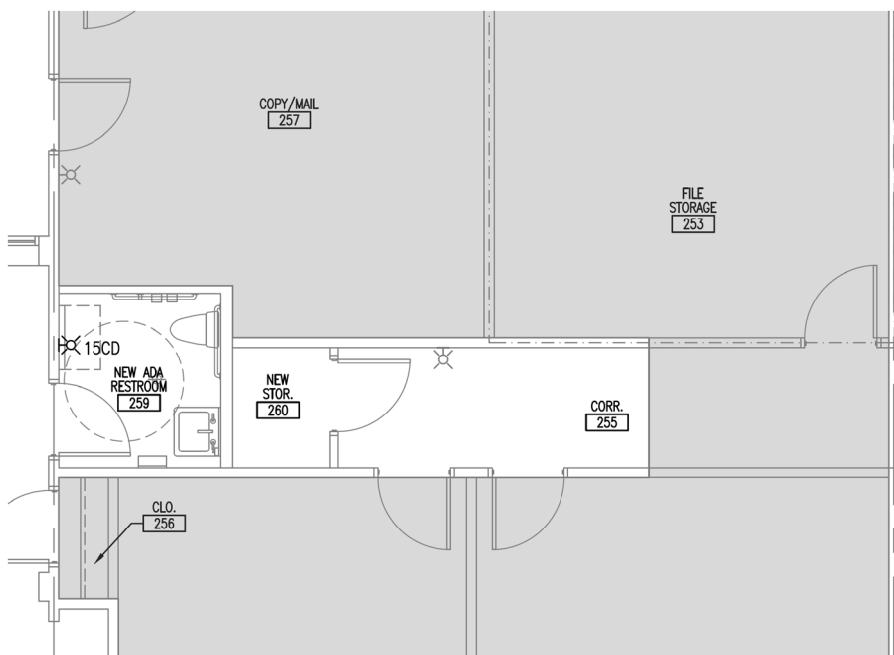
SECOND FLOOR FIRE ALARM PART PLAN

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



SECOND FLOOR FIRE ALARM PART PLAN

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



SECOND FLOOR FIRE ALARM PART PLAN

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



0 2' 4' 8'

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

Scale: AS NOTED

Designed by:
COLBY COMPANY, LLC
Engineering & Design
47A York Street, Portland, ME 04101
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No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR



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THE GOLD STAR
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MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
SECOND FLOOR FIRE ALARM PART PLANS

SHEET NUMBER: FA102

51 OF 70

LIGHTING:

- FIXTURE WIRED TO SWITCHED EMERGENCY CIRCUIT
- 2x4 LIGHT FIXTURE
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
INDICATES TYPE
INDICATES CONTROLLED FIXTURE
- SINGLE POLE TOGGLE SWITCH
INDICATES CONTROLLED FIXTURE
- 3-WAY TOGGLE SWITCH
- 4-WAY TOGGLE SWITCH
- DIMMER SWITCH
- OCCUPANCY SENSOR SWITCH
- LOW VOLTAGE WALL STATION
1—INDICATES TYPE
a—INDICATES CONTROLLED FIXTURES
- DAYLIGHT SENSOR
- UL924 LISTED EMERGENCY POWER CONTROL MODULE
- ① LIGHTING CONTROL TAG

POWER:

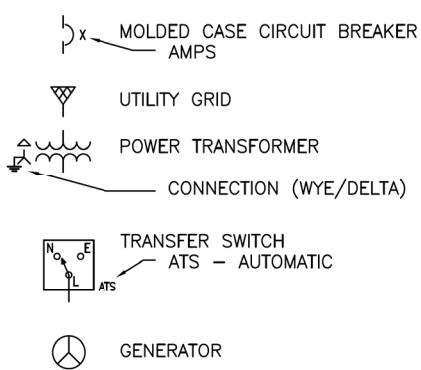
- 60 \square (4) NON-FUSED SAFETY SWITCH
NEMA ENCLOSURE (NEMA 1 UNLESS OTHERWISE NOTED)
AMPERE RATING
- DUPLEX RECEPTACLE
- GFCI DUPLEX RECEPTACLE
WEATHER PROOF
- DUPLEX RECEPTACLE, FLOOR OUTLET
- JUNCTION BOX
- POWER POLE

COMMUNICATIONS:

- DATA SYSTEM OUTLET
- DATA SYSTEM OUTLET, FLOOR MOUNTED

LIGHTNING PROTECTION SYSTEM:

- AIR TERMINAL

ONE-LINE DIAGRAM:**LINE TYPES:**

- EXISTING
- NEW
- DEMOLITION
- 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	BELLOW 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
KW	KILOVOLT-AMPERE REACTIVE
KWH	KILOWATT
LPS	KILOWATT-HOUR
LTG	LIGHTNING PROTECTION SYSTEM
MCB	LIGHTING
MFR	MAIN CIRCUIT BREAKER
MLO	MANUFACTURER
MTD	MAIN LUG ONLY
MV	MOUNTED
NEC	MEDIUM VOLTAGE
NEG	NATIONAL ELECTRICAL CODE
NEUT	NEGATIVE
NIC	NEUTRAL
NTS	NOT IN CONTRACT
P	NOT TO SCALE
POLE	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:

- 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.
- 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.
- PERFORM WORK IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC) 2020.
- 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.
- 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.
- CONDUCTOR MATERIAL, INCLUDING WIRING, PANELBOARD BUSES, TRANSFORMER WINDINGS, AND GROUNDING MUST BE COPPER. ALUMINUM CONDUCTORS ARE NOT ALLOWED.
- 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.
- 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.
- PROVIDE COMMERCIAL SPECIFICATION GRADE CONVENIENCE RECEPTACLES, GROUNDING TYPE NEMA 5-20R, SIDE WIRED. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL.
- 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.
- 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).
- 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.
- 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:

- SEAL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN TIC RATING OF SEPARATION.
- 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.
- COORDINATE FINAL DEVICE LOCATIONS IN PARTITIONED SPACES WITH OWNER'S PROPOSED FURNITURE LAYOUT.
- 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.
- 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.
- 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.
- 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.
- UNLESS OTHERWISE NOTED WIRING MUST BE AS FOLLOWS:
 - LOW VOLTAGE INTERIOR DISTRIBUTION AND BRANCH WIRING MUST BE 600V, COPPER WITH THHN/THWN INSULATION
 - LOW VOLTAGE EXTERIOR DISTRIBUTION AND BRANCH WIRING MUST BE 600V, COPPER WITH XHHW INSULATION.
- EQUIPMENT ENCLOSURES, SWITCHES, RECEPTACLES, AND DEVICES MUST BE LABELED WITH THE SOURCE CIRCUIT AND EQUIPMENT CONTROLLED WHERE APPLICABLE.



Scale: AS NOTED

Designed by:

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

No.	Revision	By	Date

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



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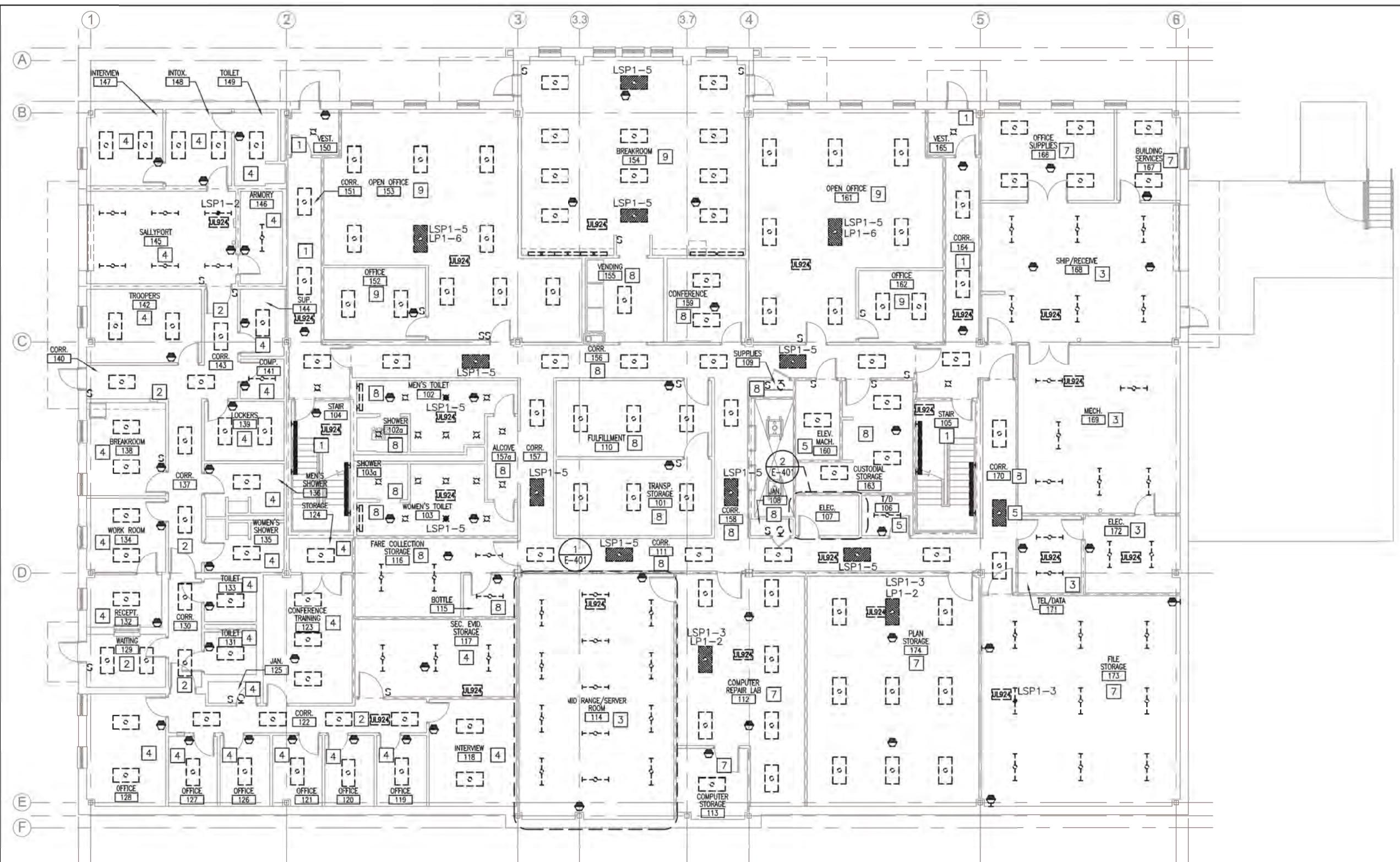
MAINE
TURNPIKE
THE GOLD STAR
MEMORIAL HIGHWAY
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
ELECTRICAL LEGEND, ABBREVIATIONS AND
GENERAL NOTES

SHEET NUMBER: E-001

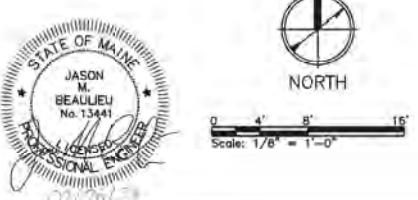
CONTRACT: 2023-XXX

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FIRST FLOOR DEMOLITION PLAN

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



Scale: AS NOTED

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR



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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER: ED101

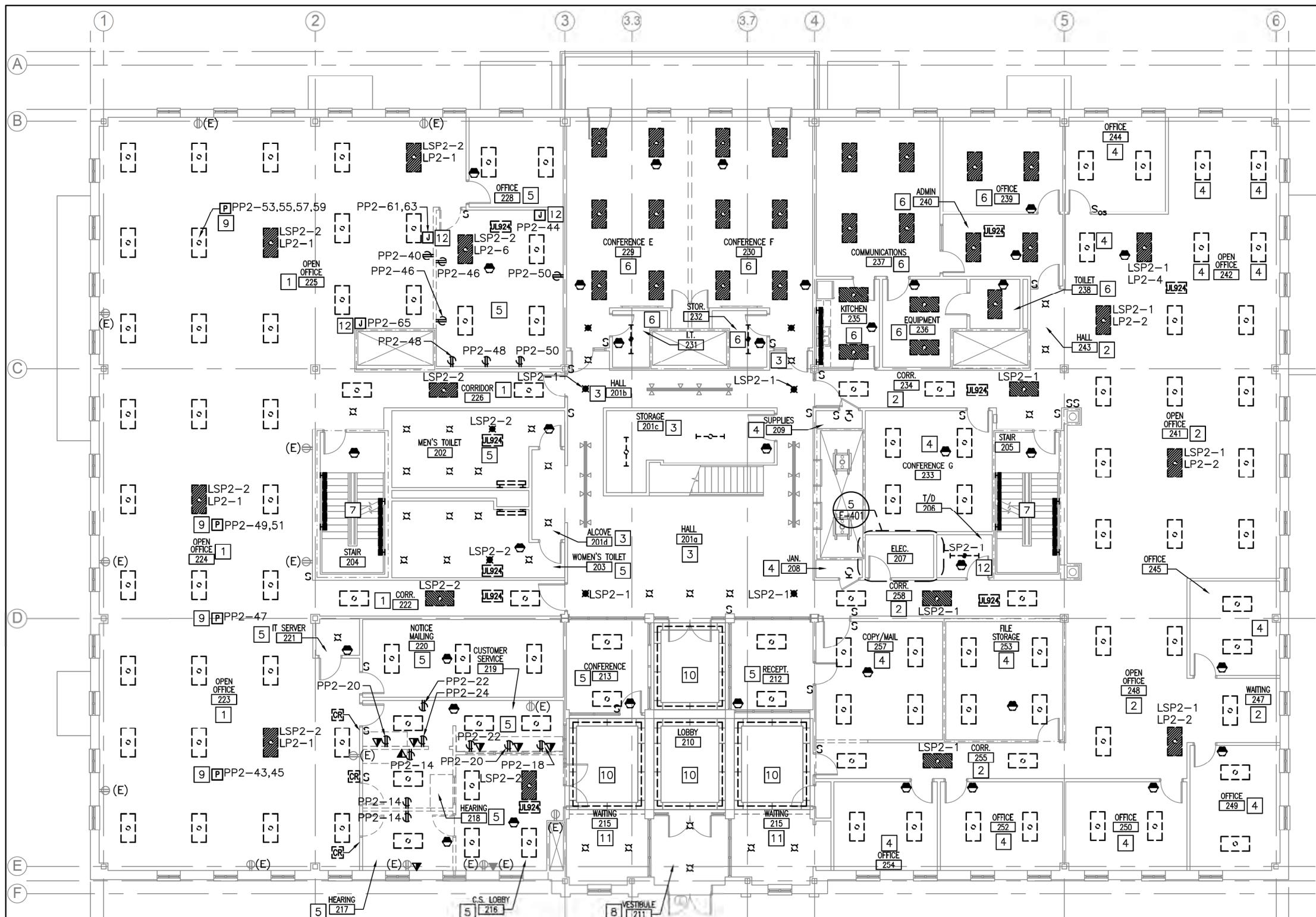
53 OF 70

NOTES:

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



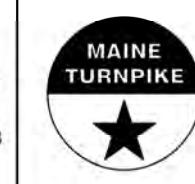
Scale: AS NOTED

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

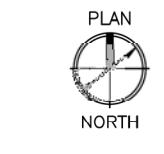


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THE GOLD STAR
MEMORIAL HIGHWAY

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0 4' 8' 16'

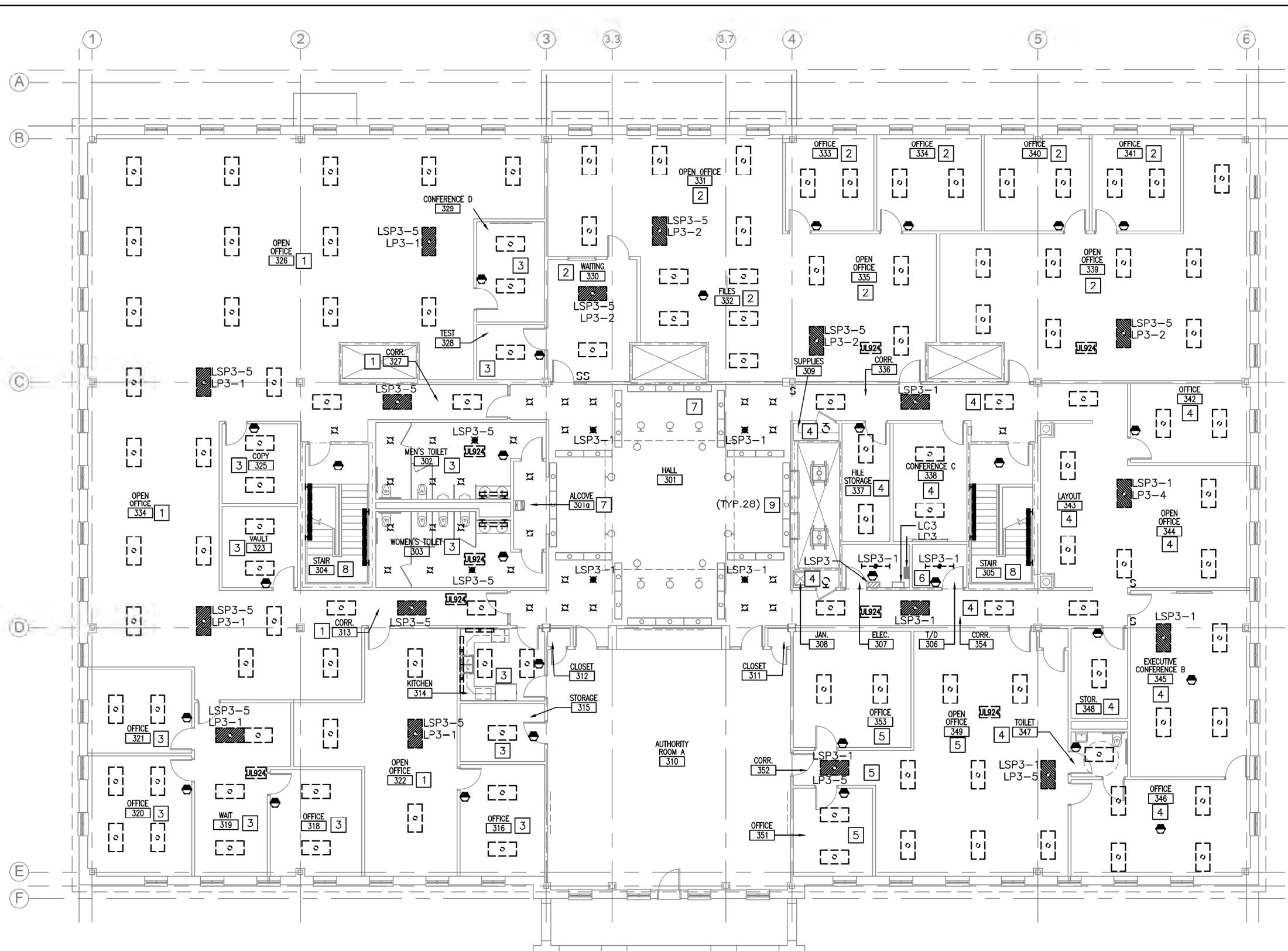
Scale: 1/8" = 1'-0"

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
SECOND FLOOR DEMOLITION PLAN

SHEET NUMBER: ED102

CONTRACT: 2023-XXX

54 OF 70



THIRD FLOOR DEMOLITION PLAN

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

Scale: AS NOTED

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CONSULTANT PROJECT MANAGER: CGE PROJECT

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THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
THIRD FLOOR DEMOLITION PLAN

NUMBER: ED103

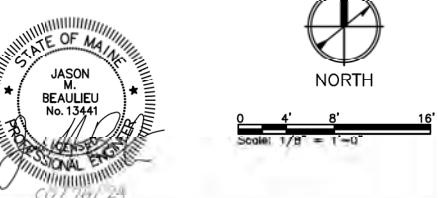
A. ED103

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 F-501.



No.

Revision

B

10

20

CONSULTANT PROJECT MANAGER: GCE PROJECT

CONSENTING PROJECT MANAGER: SGT/PROJ. M. By Date

Designed JMB 04/21/23 Checked

Drawn ACY 04/21/23 In Charge of

47A Yo
Portland
0410
207.553

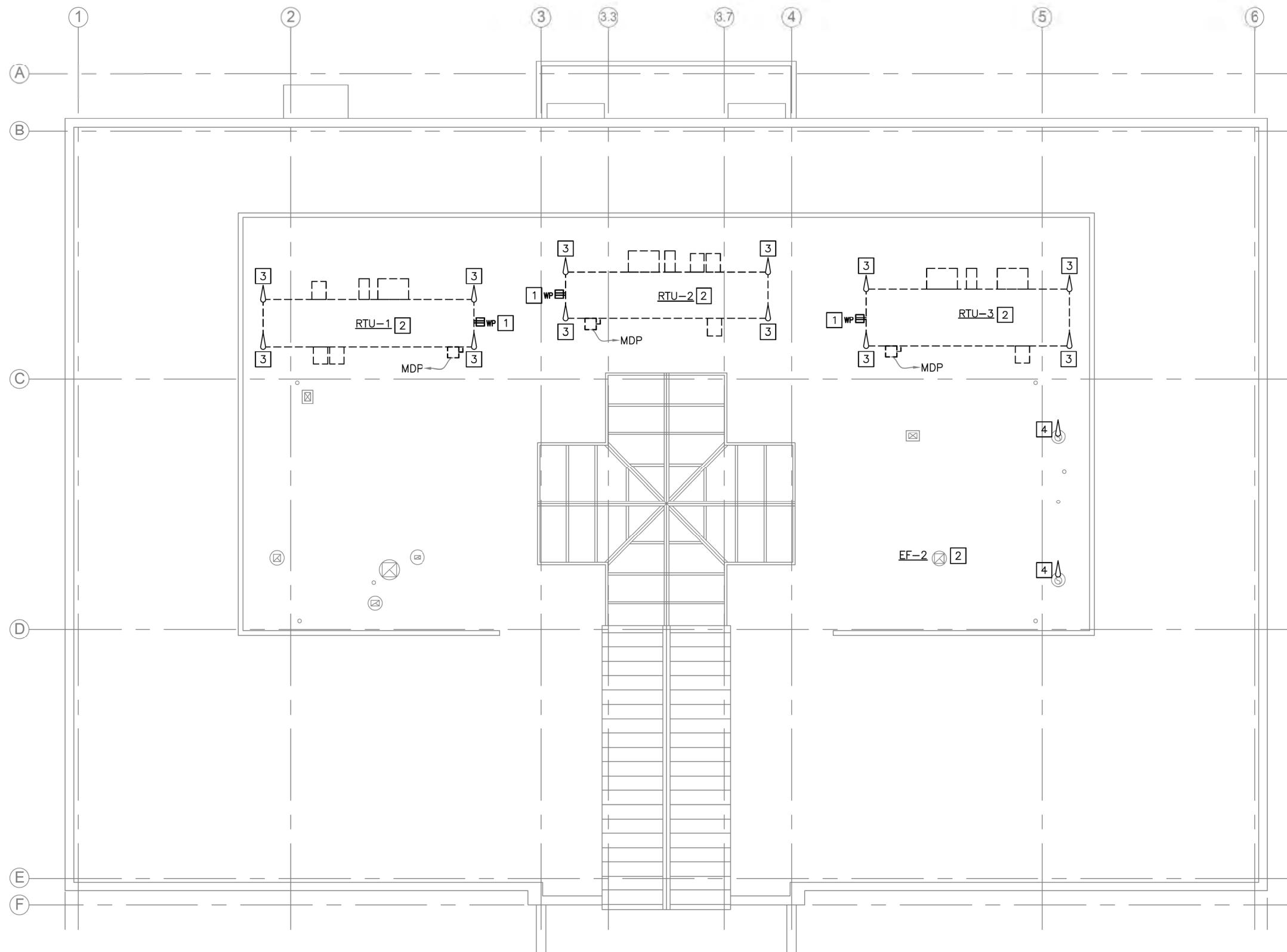
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MTA PROJECT MANAGER: MTA PROJ. MGR

CONTRACT: 2023-XXX

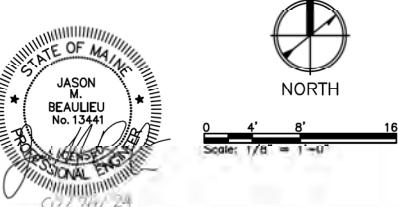
NOTES:

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



DEMOLITION KEYED NOTES:

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



Scale: AS NOTED

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR



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THE GOLD STAR
MEMORIAL HIGHWAY

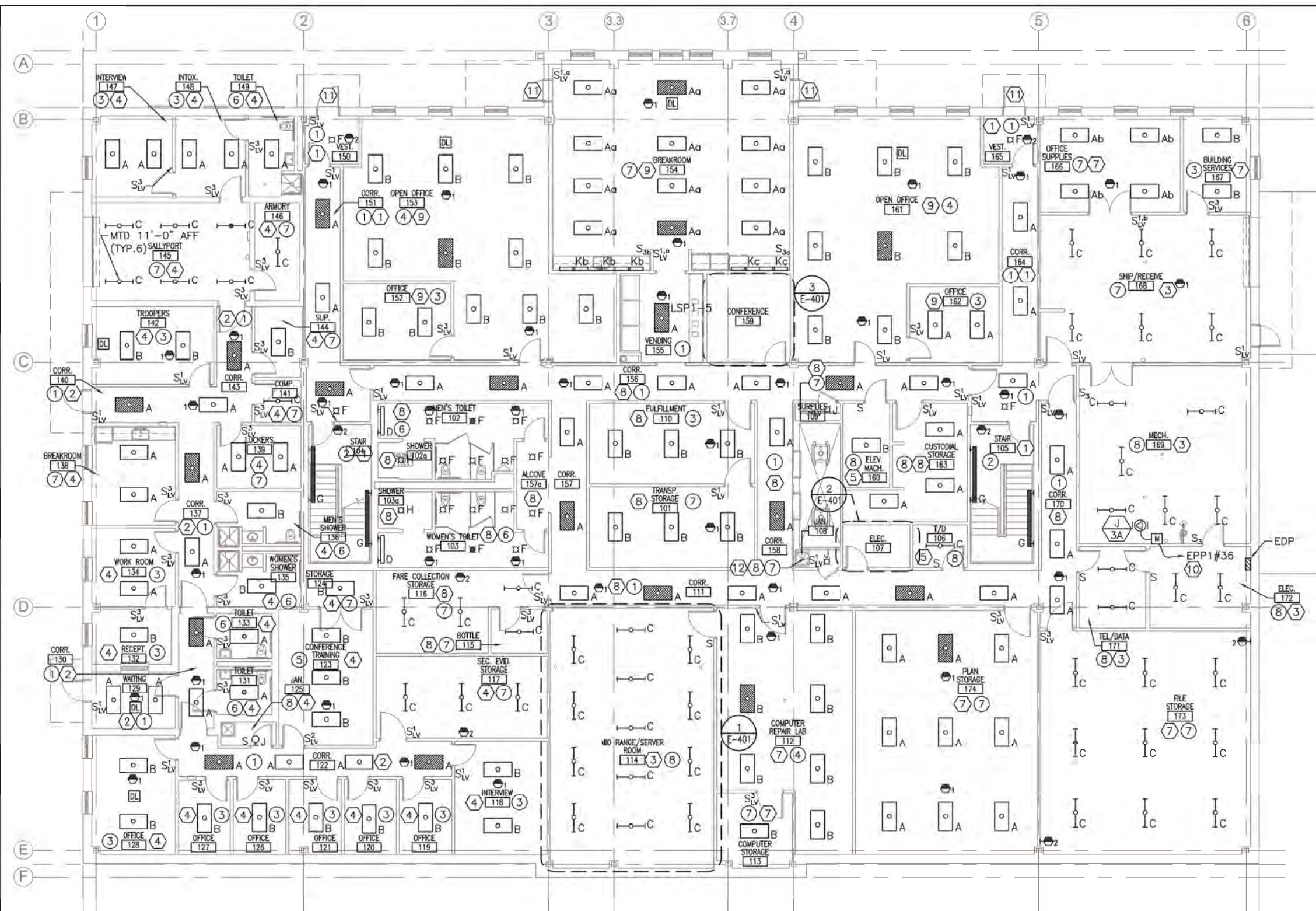
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
ROOF DEMOLITION PLAN

SHEET NUMBER: ED104

CONTRACT: 2023-XXX

56 OF 70



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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

NOTES:

- SEE E-001 FCR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- EXTEND EXISTING WIRING AND CONDUIT TO ALL NEW LIGHT FIXTURES.
- CIRCUITING PROVIDED WAS REFERENCED FROM EXISTING DRAWING, PROJECT #06016 SHEET EL101. FIELD VERIFY ALL CIRCUITS.
- 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.



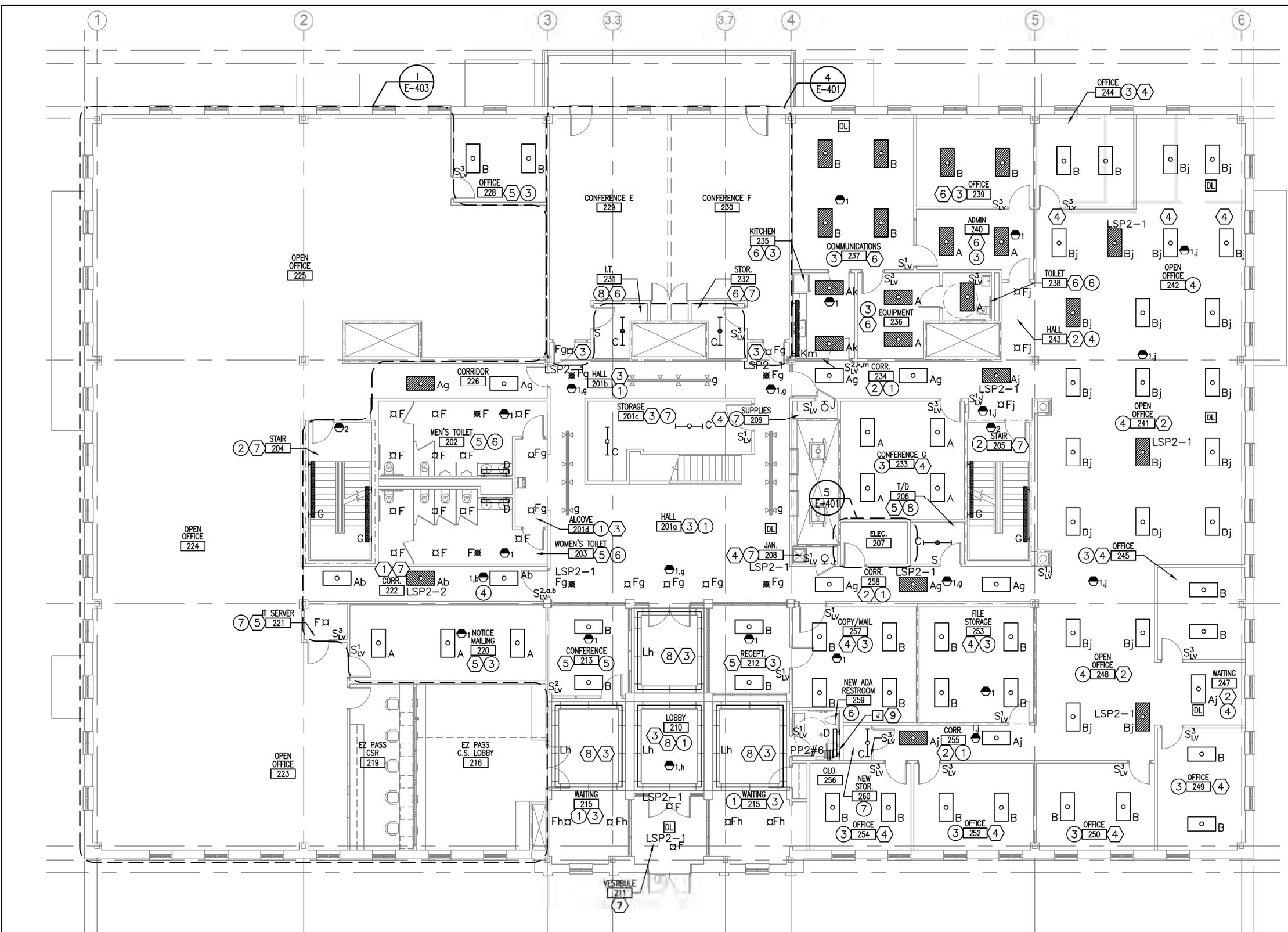
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MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
FIRST FLOOR PLAN

SHEET NUMBER: E-101

57 OF 70

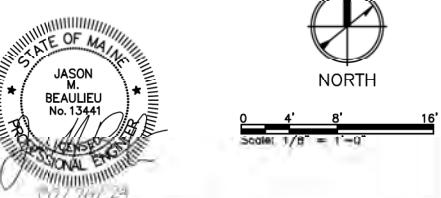


NOTES:

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

KEYED NOTES:

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



0 4' 8' 16'

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CONSULTANT PROJECT MANAGER: CCE PROJ. MGR

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MEMORIAL HIGHWAY

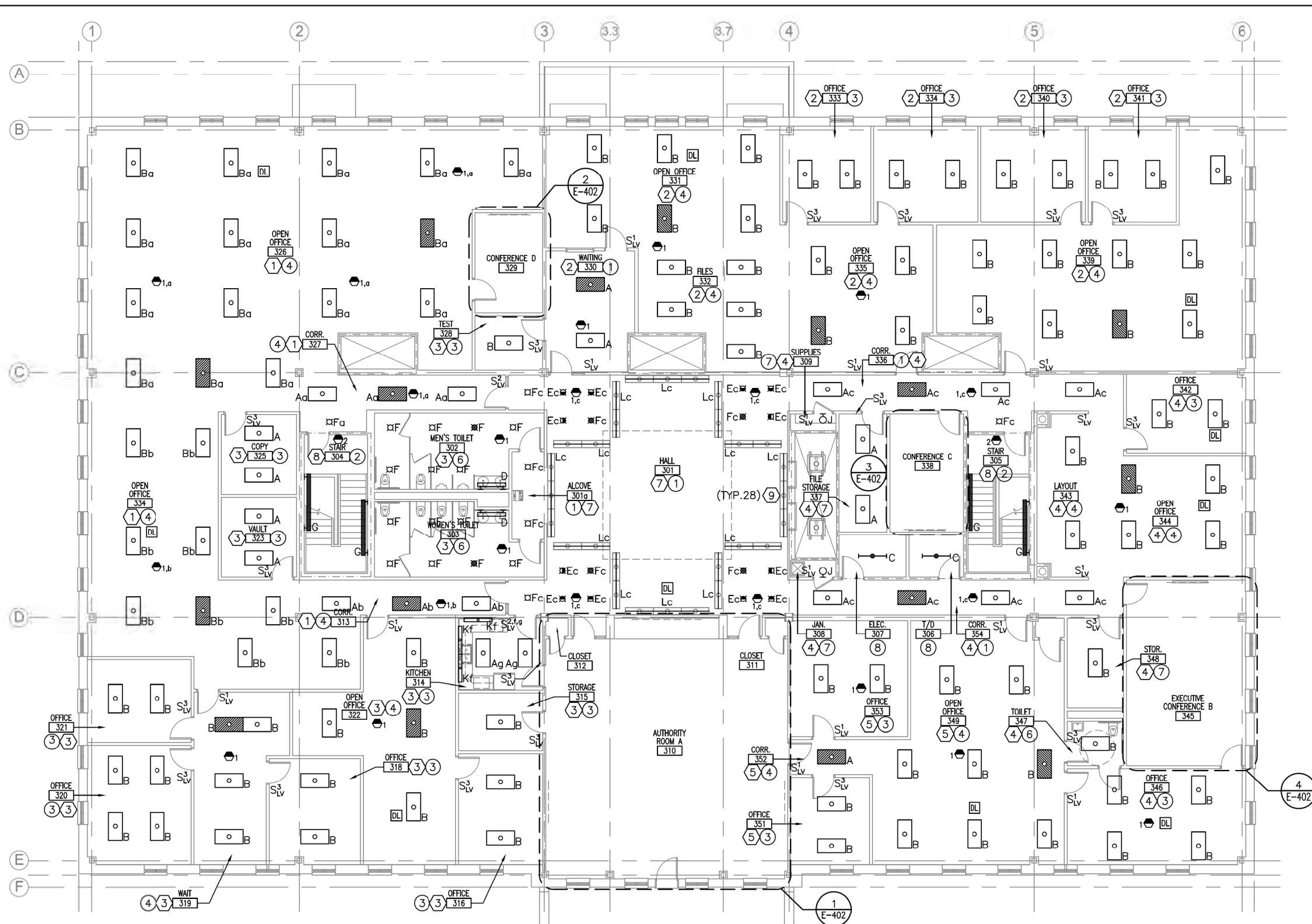
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
SECOND FLOOR PLAN

SHEET NUMBER: E-102

58 OF 70

CONTRACT: 2023-XXX



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

4' 8' 16'

4' 8' 16'

1/4" = 10"

Scale: AS NOTED

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CONSULTANT PROJECT MANAGER: GCE PROJECT

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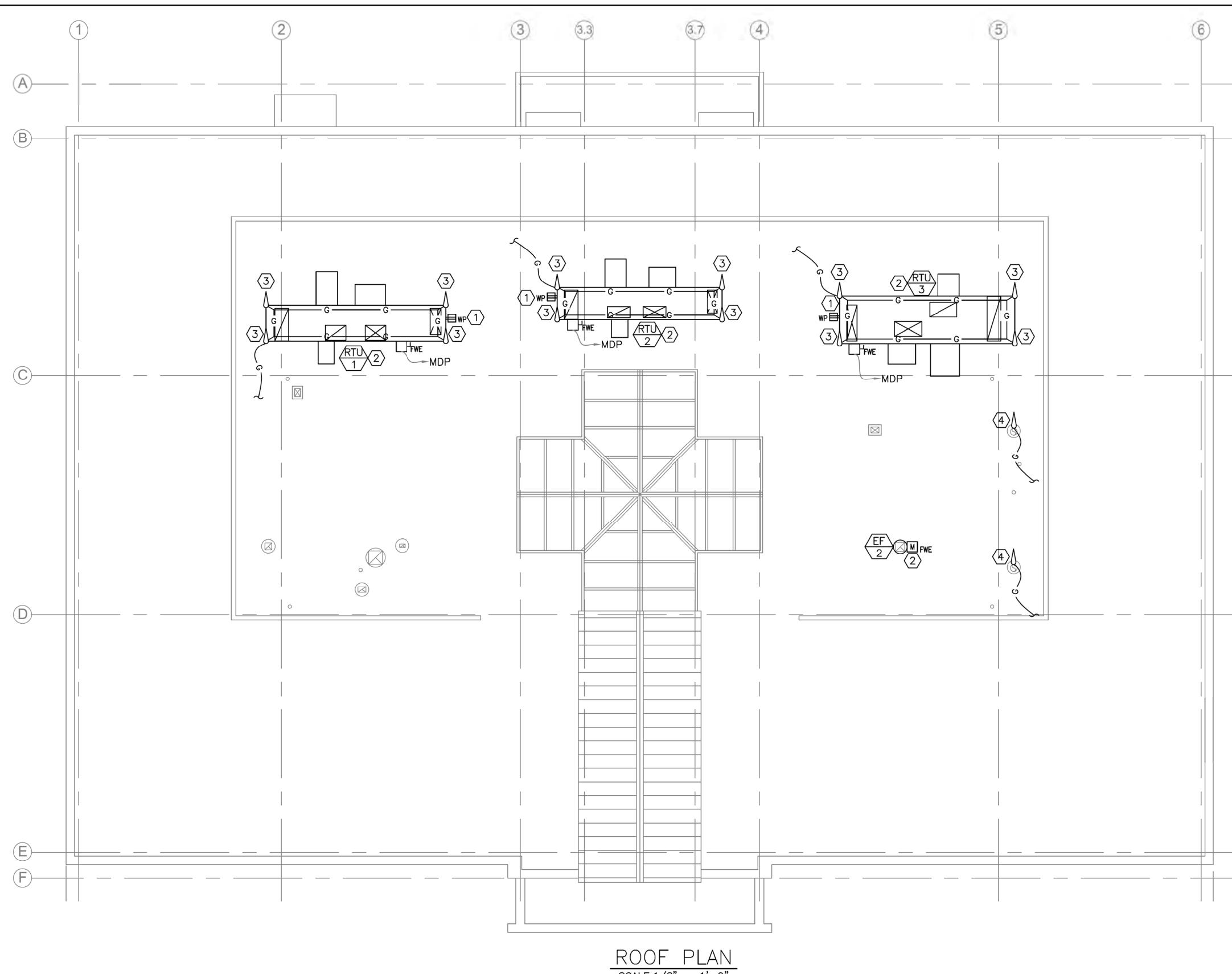
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THE
EMO

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MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
THIRD FLOOR PLAN

SHEET NUMBER: E-103

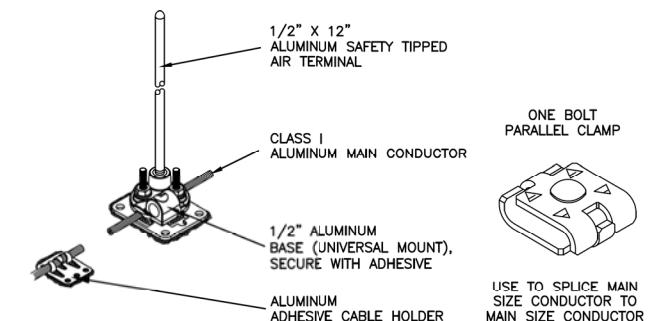


NOTES:

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.



1 DETAIL—LIGHTNING PROTECTION SYSTEM COMPONENTS

1
F-104 SYSTEM SCALE: NTS



Scale: AS NOTED

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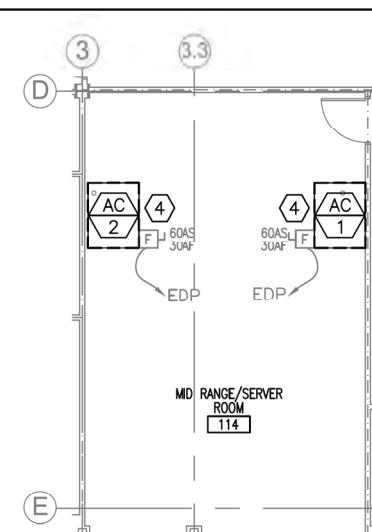
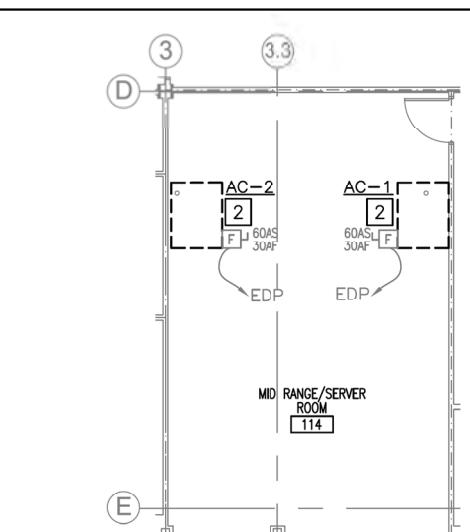
THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

COVERAGE 1990-1991

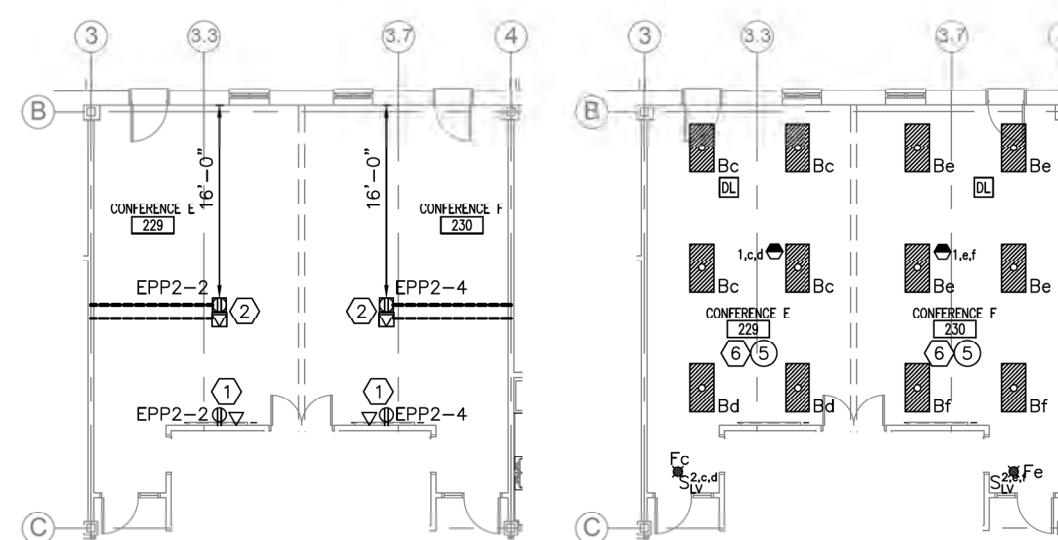
SHEET NUMBER: E-104

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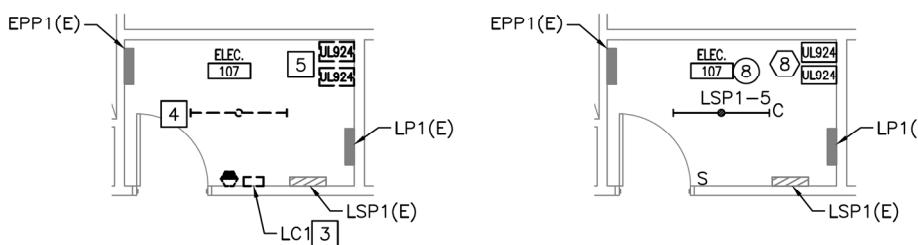
MID RANGE/SERVER ROOM 114 MECHANICAL EQUIPMENT
DEMOLITION/NEW WORK PART PLANS

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



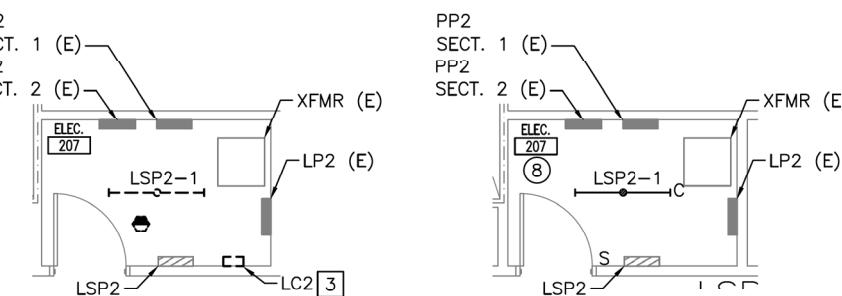
CONF. E 229 & CONF. F 230 PART PLANS

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



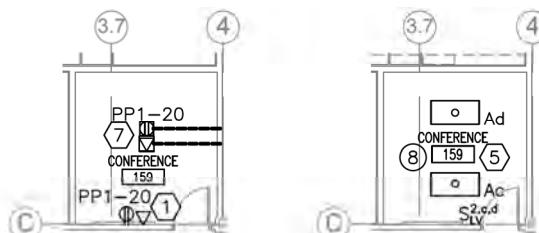
ELECTRICAL 107 DEMOLITION/NEW WORK PART PLANS

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



ELECTRICAL 207 DEMOLITION/NEW WORK PART PLANS

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



CONFERENCE 159 PART PLANS

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

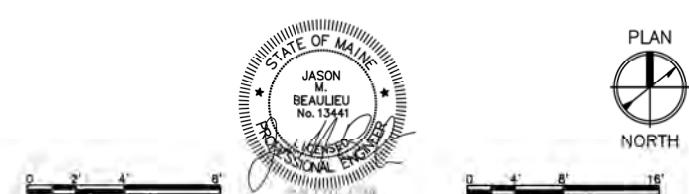
NOTES:
1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.

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 LP1-5, 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.



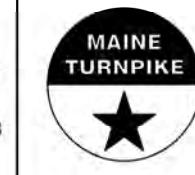
Scale: AS NOTED

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PART PLANS

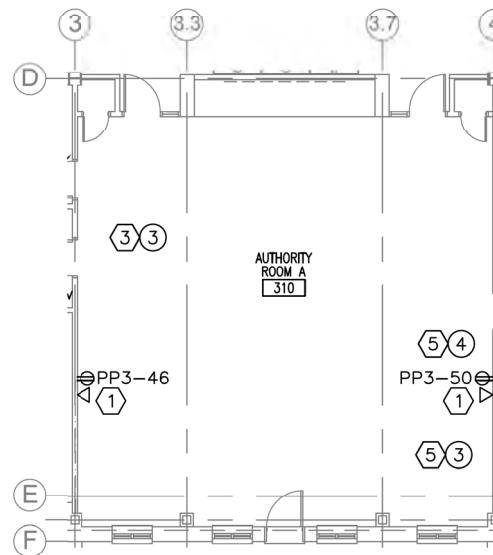
SHEET NUMBER: E-401

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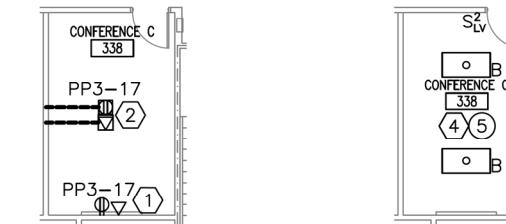
CONTRACT: 2023-XXX

NOTES:

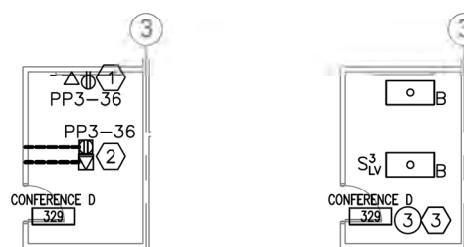
1. SEE E-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.



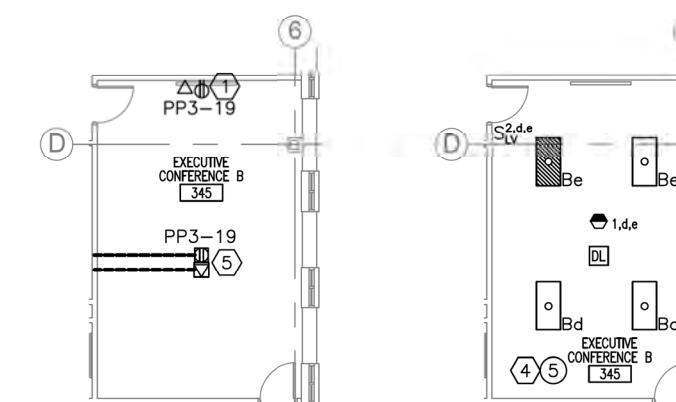
1 AUTHORITY ROOM A 310 PART PLAN
E-402 SCALE: 1/8" = 1'-0"



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



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



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

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.



PLAN
NORTH
0 4' 8' 16'
Scale: 1/8" = 1'-0"
02/26/24

Scale: AS NOTED

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No. Revision By Date

CONSULTANT PROJECT MANAGER: CCE PROJ. MGR



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THE GOLD STAR
MEMORIAL HIGHWAY

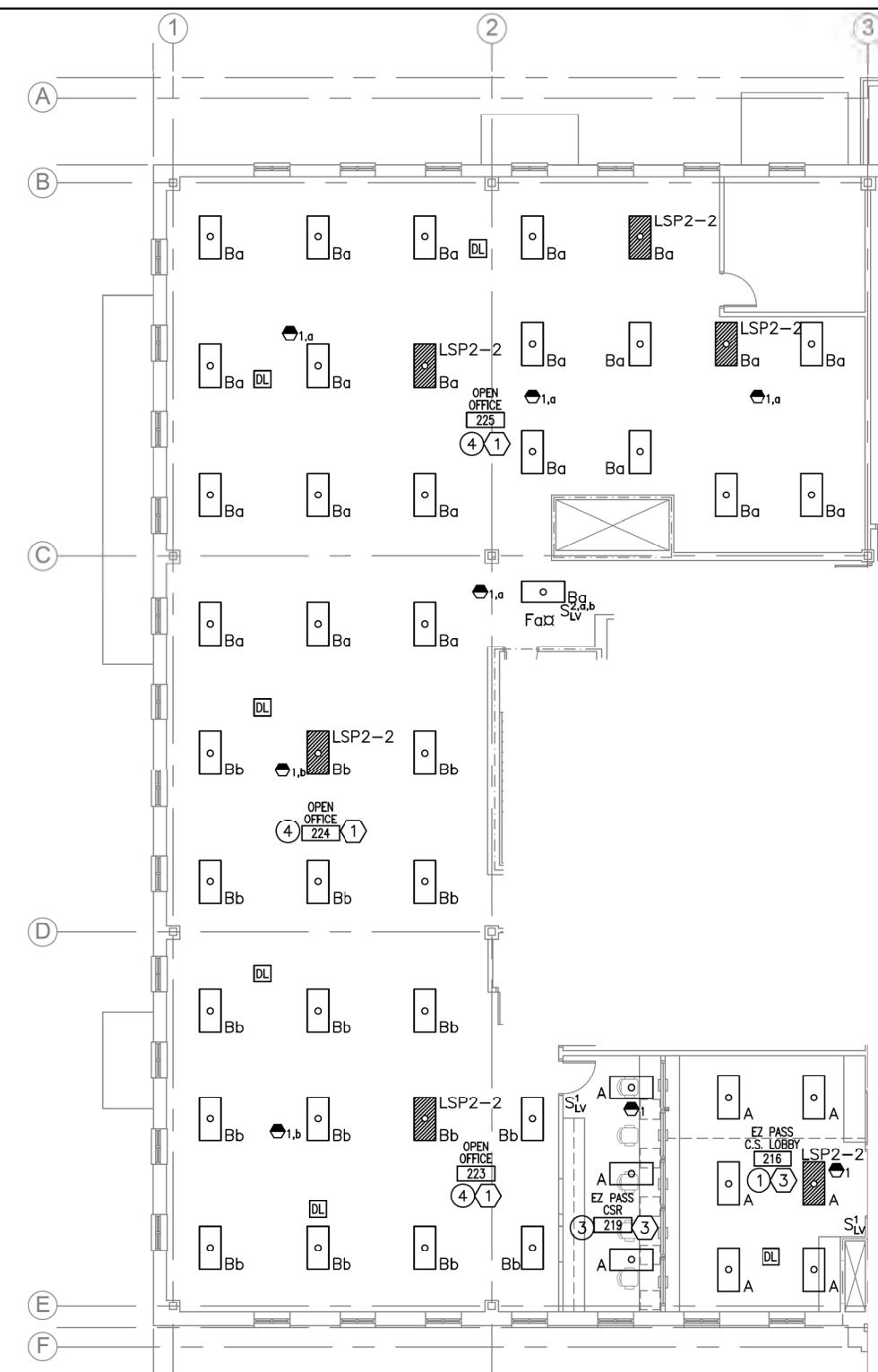
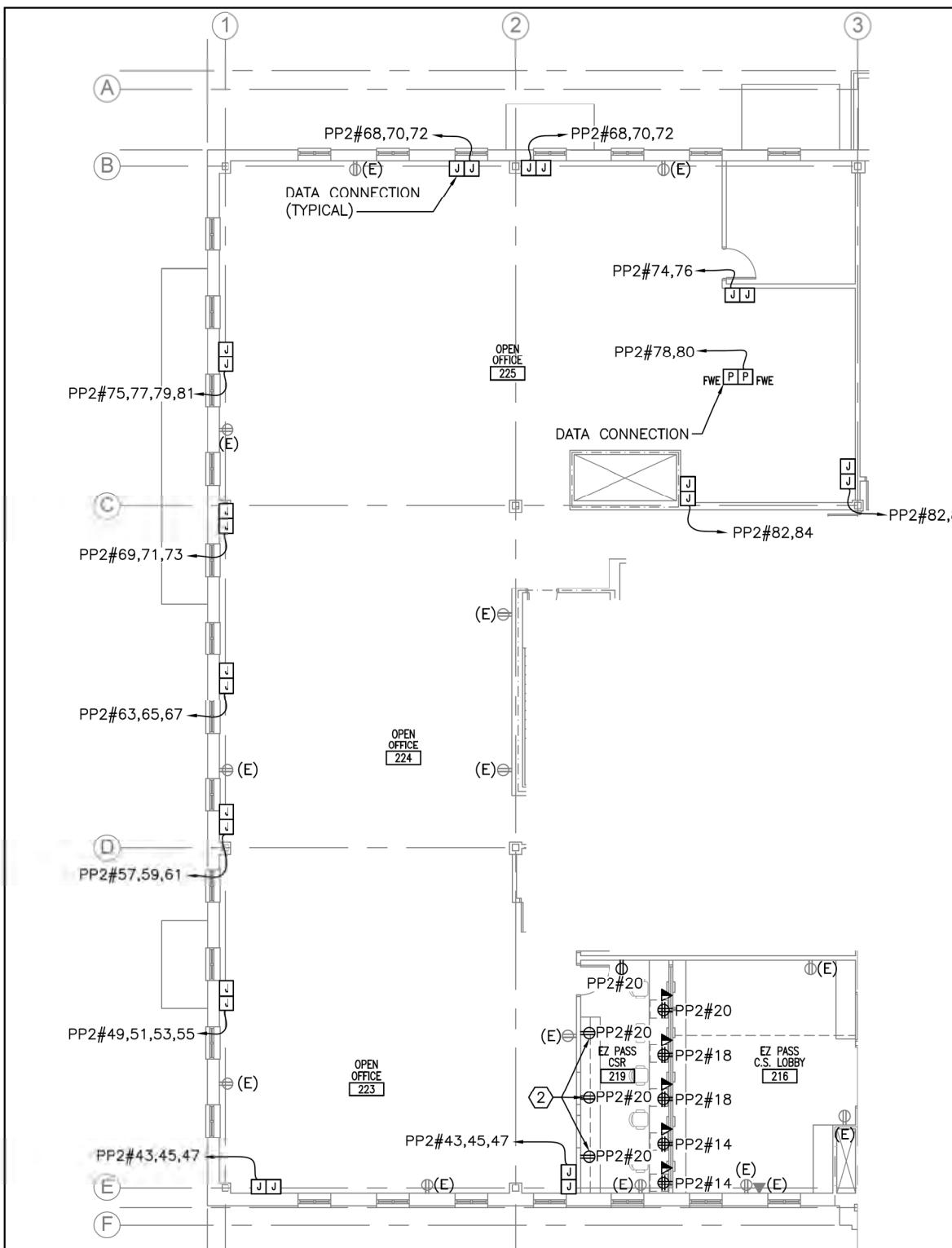
MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PART PLANS

SHEET NUMBER: E-402

62 OF 70

CONTRACT: 2023-XXX



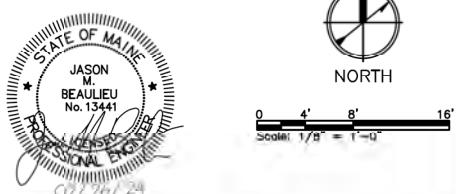
NOTES:

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 ROOMS 216,219,223,224,225 PART PLANS
E-403 SCALE: 1/8" = 1'-0"



Scale: AS NOTED

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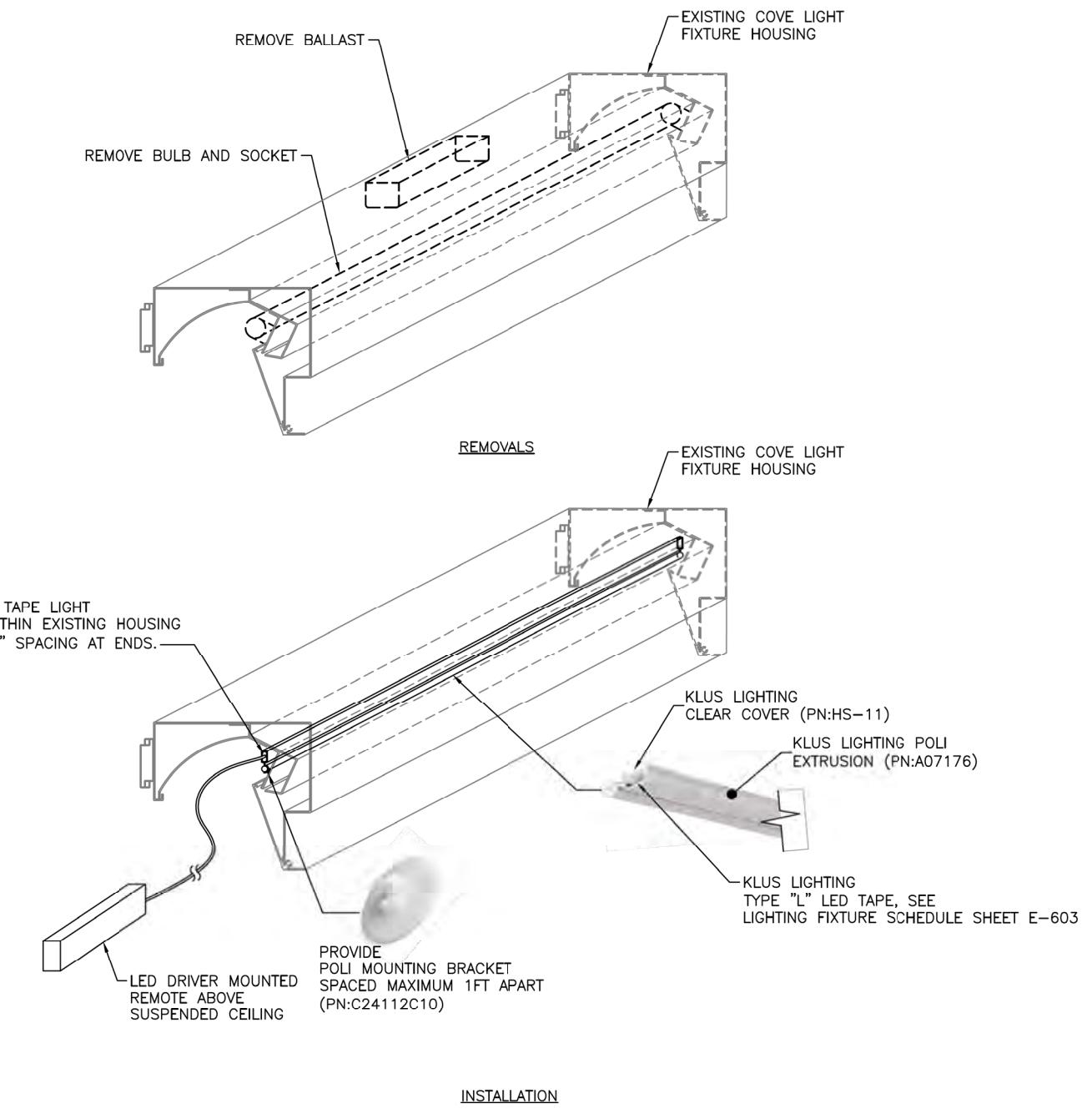
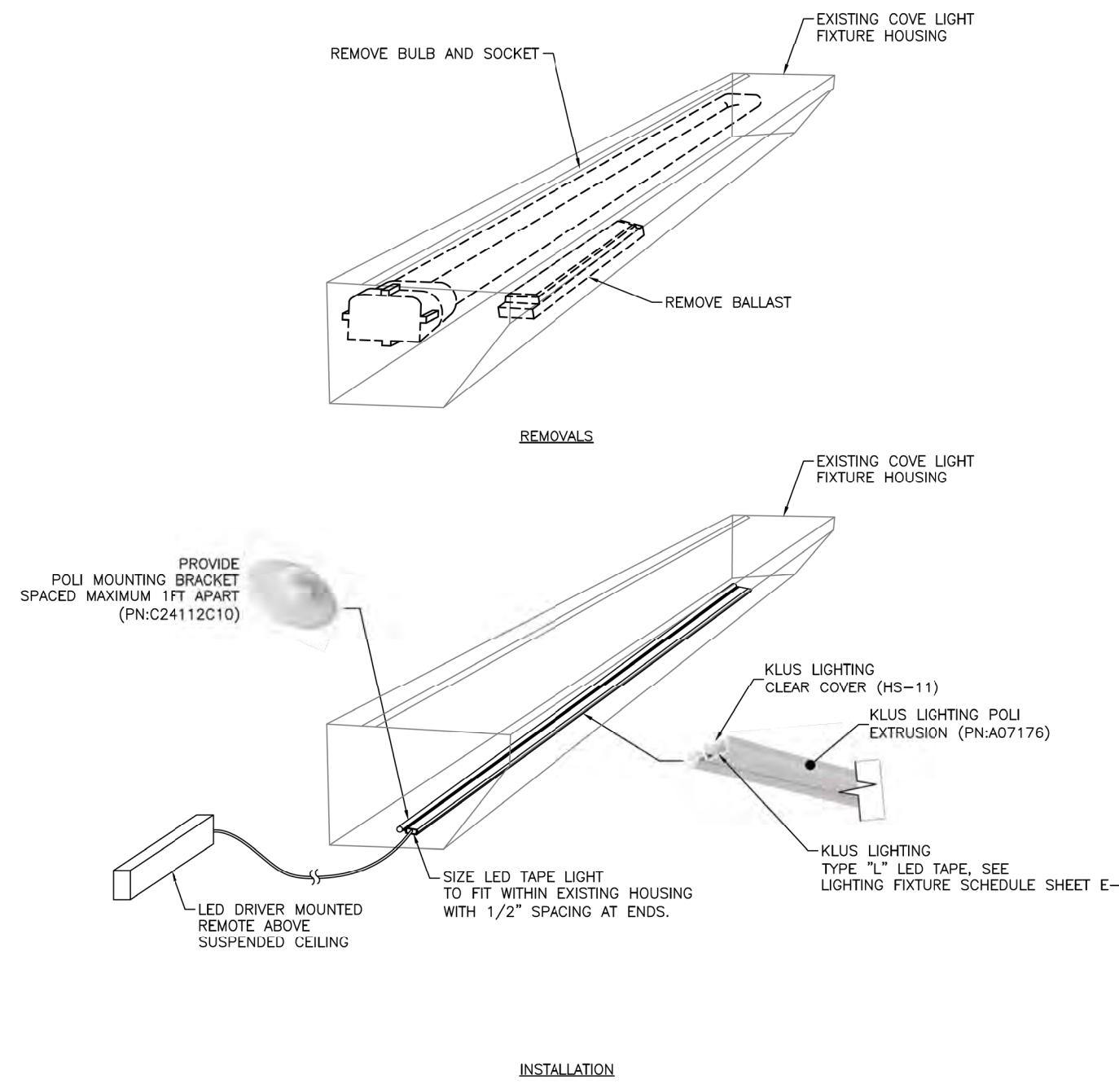


THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
PART PLAN

SHEET NUMBER: E-403

R. E-403



1 E-501 DETAIL-GALLERY 301 COVE FIXTURES

2 E-501 DETAIL-LOBBY 210 COVE FIXTURES

Scale: AS NOTED

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No. Revision By Date

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MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
DETAILS

SHEET NUMBER: E-501

64 OF 70

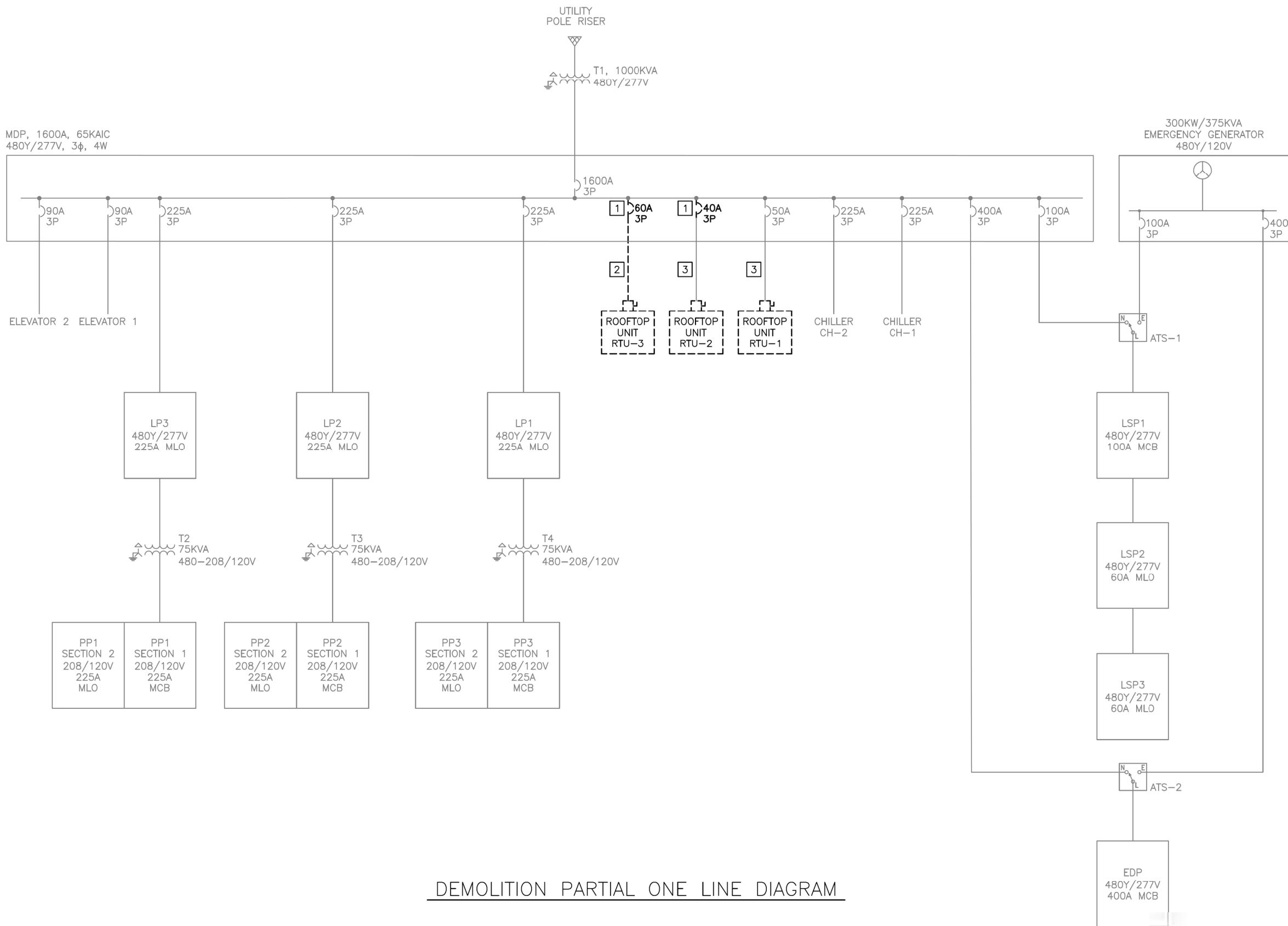


NOTES:

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

DEMOLITION KEYED NOTES:

- REMOVE CIRCUIT BREAKER.
- REMOVE CONDUCTORS, LEAVE CONDUIT PATHWAY FOR REUSE.
- LEAVE CONDUCTORS AND CONDUIT PATHWAY FOR REUSE.



Scale: AS NOTED

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No.	Revision	By	Date
CONSULTANT PROJECT MANAGER: CCE PROJ. MGR			
		By	Date
	Designed	JMB	04/21/23



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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
ONE-LINE DEMOLITION DIAGRAM

SHEET NUMBER: E-601

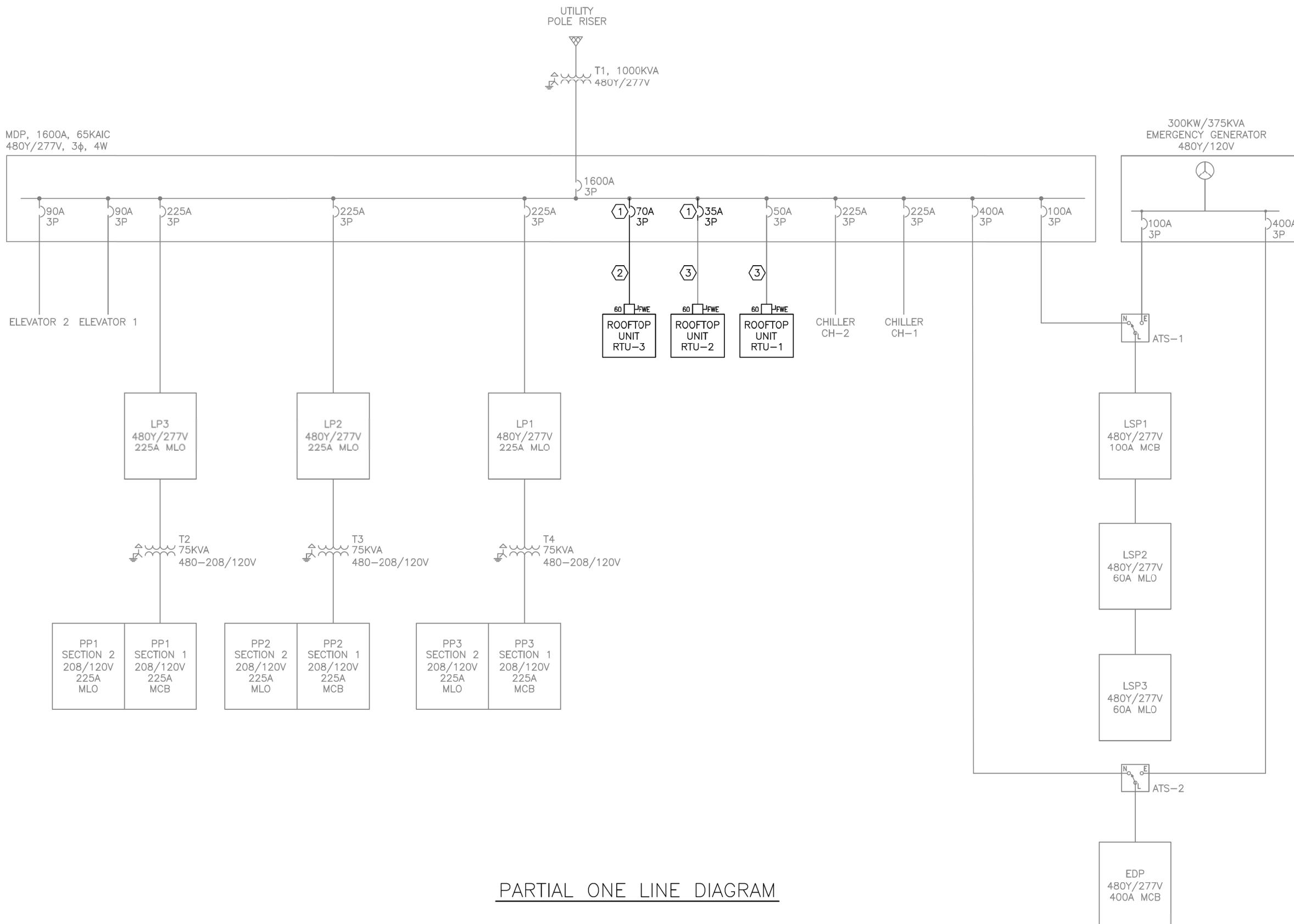
65 OF 70

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



Scale: AS NOTED

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
ONE-LINE DIAGRAM

SHEET NUMBER: E-602

No.	Revision	By	Date

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

MTA PROJECT MANAGER: MTA PROJ. MGR

CONTRACT: 2023-XXX

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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 DIFFUSE 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-RM 6SVLED-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

Scale: AS NOTED

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THE GOLD STAR
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MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
SCHEDULES

SHEET NUMBER: E-603

CONTRACT: 2023-XXX

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TAC	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 SENSOR(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 AUTOMATICALLY TURN ON AT DUSK. AUTO OFF: LIGHTS WILL AUTOMATICALLY TURN OFF PER EXTERIOR LIGHTING SCHEDULE.
<p>NOTES:</p> <ol style="list-style-type: none"> 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



Scale: AS NOTED

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
SCHEDULES

SHEET NUMBER: E-604

CONTRACT: 2023-XXX

68 OF 70

PANELBOARD NO:	PP2 SECTION 1 (EXISTING)			SC RATING:	10,000 AIC			225 AMP MAIN							
PANELBOARD TYPE:	SQUARE D, NQOD SERIES E3			MOUNTING:	SURFACE			225 AMP BUS (COPPER)							
PANEL LOCATION:	ELECTRICAL 207			VOLTAGE:	208Y/120V, 3PH, 4W										
SUPPLIED FROM:	LP2														
CKT NO.	TRIP AMPS	NO. POLES	WIRE SIZE	CONDUI T SIZE	LOAD SERVED	LOAD VA	φ	LOAD VA	LOAD SERVED	WIRE SIZE	CONDUI T 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, CUII-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						1	20	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	NOTES: (*) REUSE BREAKER AND UPDATE PANEL SCHEDULE.										
TOTAL PHASE B LOAD =				0.0 kVA											
TOTAL PHASE C LOAD =				0.9 kVA											
TOTAL CONNECTED LOAD =				2.5 kVA											



Scale: AS NOTED

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THE GOLD STAR MEMORIAL HIGHWAY

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT

SHEET NUMBER: E-605

60.05.70

Scale: AS NOTED				Designed by: COLBY COMPANY, LLC Engineering & Design 47A York Street, Portland, ME 04101 207.553.7753						
No.	Revision	By	Date	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			

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		LTC. 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						68
69						400	B	400	FURNITURE NORTH CKT 1 - 225	(3) #12AWG, (1) #10AWG NEUT, (1) #12 GND	3/4"	3	20	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										



Scale: AS NOTED

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: MTA PROJ. MGR

MTA HEADQUARTERS
BUILDING IMPROVEMENTS PROJECT
SCHEDULE PANEL PP2-B

SHEET NUMBER: E-606

CONTRACT: 2023-XXX

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