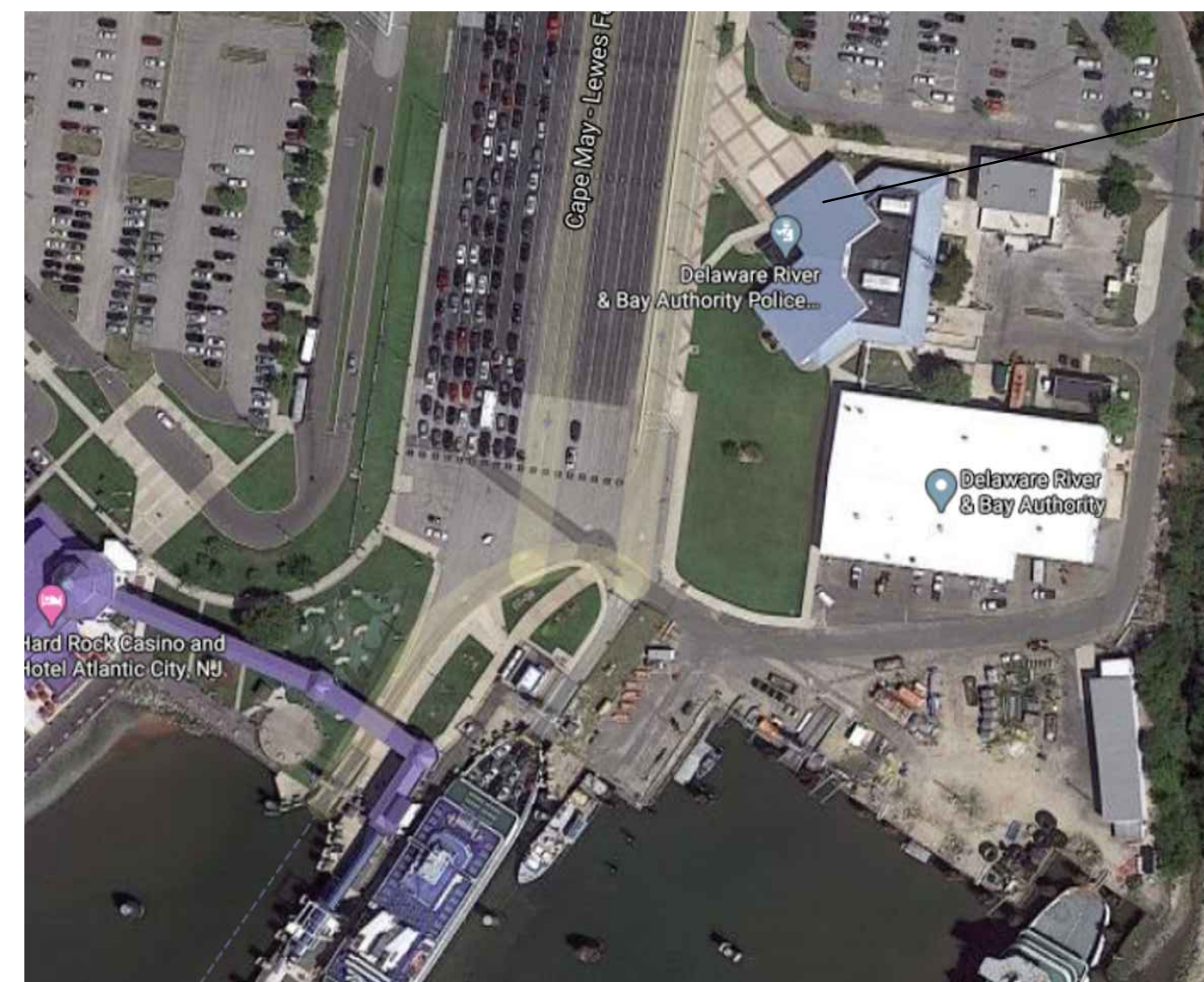


Sheet List Table	
Sheet Number	Sheet Title
G-000	COVER SHEET
A-001	ARCHITECTURAL GENERAL NOTES, ABBREVIATION, AND SYMBOLS
A-002	TYPICAL MOUNTING HEIGHTS
AP101	PHASING PLAN
A-101	DEMOLITION PLAN
A-102	CONSTRUCTION FLOOR PLAN
A-401	FINISH PLAN, ENLARGED PLANS AND ELEVATIONS
A-501	SCHEDULES AND DETAILS
M-000	GENERAL NOTES SYMBOLS AND ABBREVIATIONS
M-100	HVAC DEMOLITION PLAN
M-101	ROOF HVAC DEMOLITION PLAN
M-110	HVAC PLAN
M-111	ROOF HVAC PLAN
M-501	HVAC DETAILS
M-701	HVAC SCHEDULES
P-000	GENERAL NOTES SYMBOLS AND ABBREVIATIONS
P-100	PLUMBING DEMOLITION PLAN
P-101	PLUMBING PLAN
E-000	GENERAL NOTES SYMBOLS AND ABBREVIATIONS
E-100	ELECTRICAL DEMOLITION PLAN
E-101	LIGHTING PLAN
E-102	POWER AND LOW-VOLTAGE PLANS - OVERALL
E-103	POWER AND LOW-VOLTAGE PLANS - PHASE 1
E-104	POWER AND LOW-VOLTAGE PLAN - PHASE 2
E-105	SECURITY ACCESS PLAN

DELAWARE RIVER AND BAY AUTHORITY CAPE MAY - LEWES FERRY

CONTRACT NO. CMLF-C19-06 R2
CAPE MAY DISPATCH CENTER REHAB
CAPE MAY TERMINAL - POLICE AND
ADMINISTRATION BUILDING
NEW JERSEY



DRBA CAPE MAY-LEWES FERRY TERMINAL
POLICE AND ADMINISTRATION BUILDING

1 SITE LOCATION PLAN
G-000 SCALE: NTS

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COVER SHEET

G-000

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ABBREVIATIONS

Table of abbreviations including symbols like & L ANGLE, C CENTERLINE, and various material and construction codes.

SYMBOLS LEGEND

Table of symbols legend including structural grid lines, wall sections, detail identifications, and window tags.

BUILDING INFORMATION

1. APPLICABLE CODES AND STANDARDS
INTERNATIONAL BUILDING CODE 2018, NEW JERSEY ADICTION
INTERNATIONAL FIRE CODE 2018

GENERAL NOTES

- 1. THE CONTRACTOR SHALL PROTECT EXISTING, IN-PLACE, AND NEW WORK.
2. THE CONTRACTOR SHALL INVESTIGATE JOB SITE TO COMPARE CONTRACT DOCUMENTS, CONDITIONS, AND VERIFY DIMENSIONS SHOWN ON THESE DRAWINGS.

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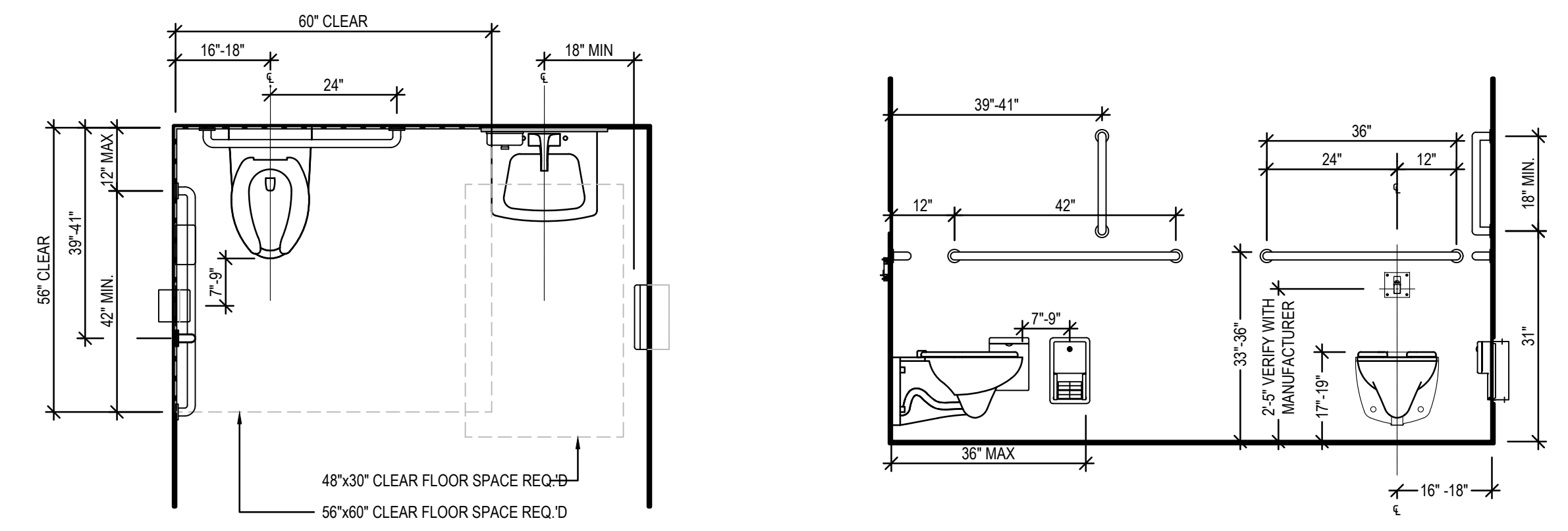
DRBA CONTRACT NO. INTERIOR RENOVATION AT THE DRBA POLICE DISPATCH 1200 LINCOLN BLVD CAPE MAY, NJ 08204

REVISIONS table with columns for MARK, DESCRIPTION, and DATE.

ARCHITECTURAL GENERAL NOTES, ABBREVIATION, AND SYMBOLS ISSUED FOR BIDDING MAY 20, 2022

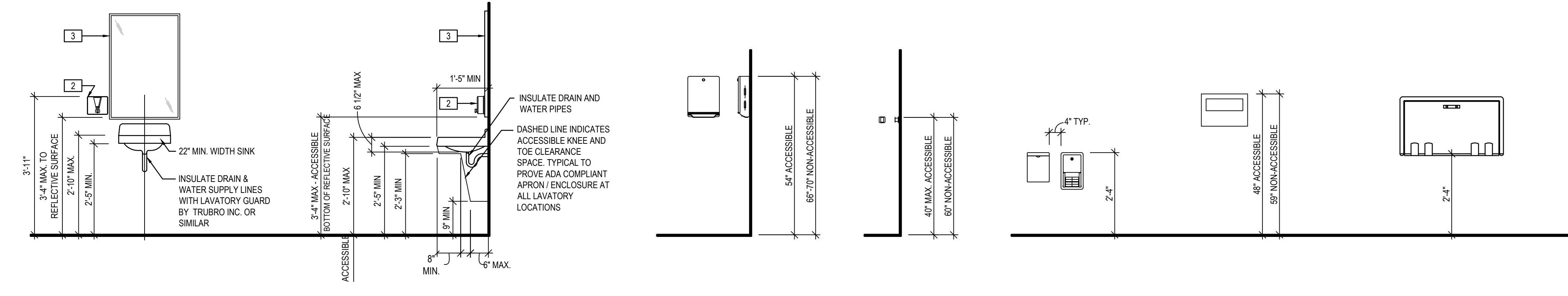
AB AB/PG 20008 SHEET NO. A-001

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HANDICAP TOILET PLAN

HC TOILET STALL LAYOUT ADULT



TYPICAL LAVATORY / MIRROR ELEVATION

LAVATORY

PAPER TOWEL DISPENSER

COAT HOOK

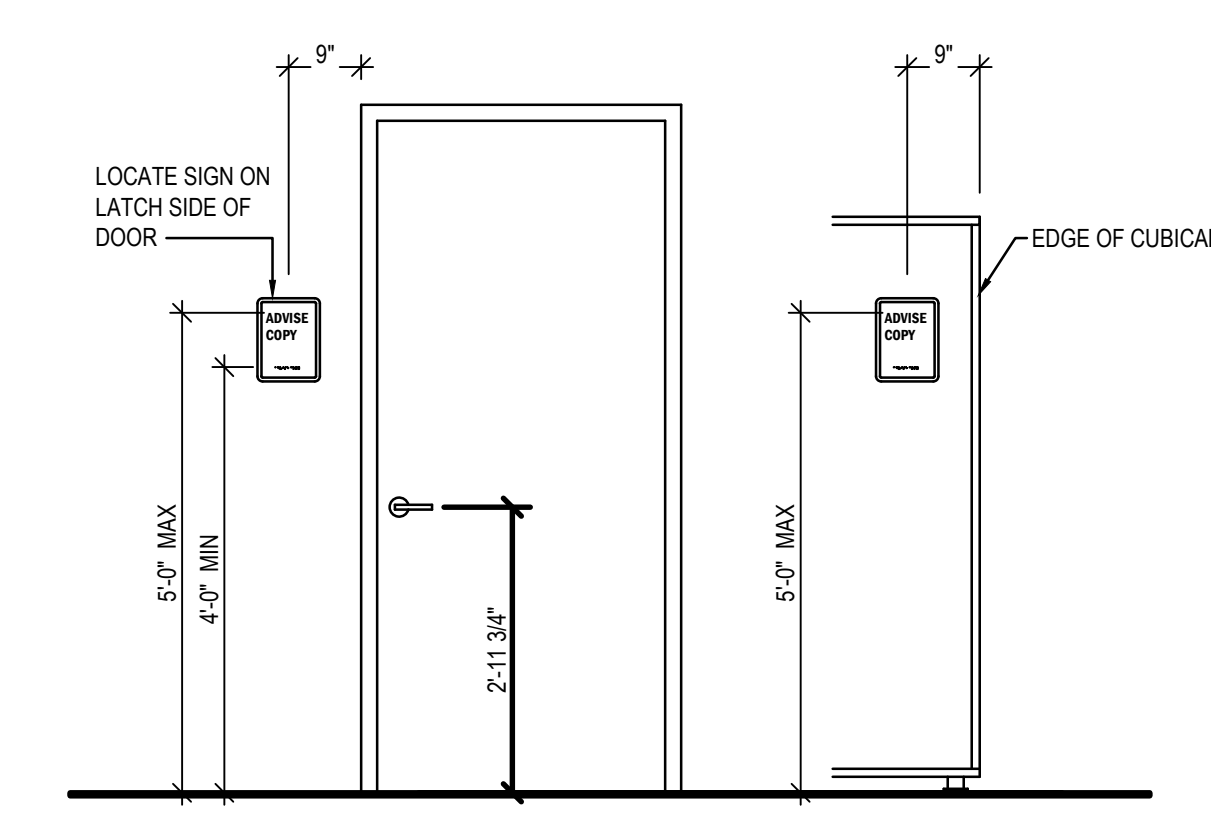
TOILET PAPER & SANITARY NAPKIN

TOILET SEAT COVER DISPENSER

BABY CHANGING TABLE

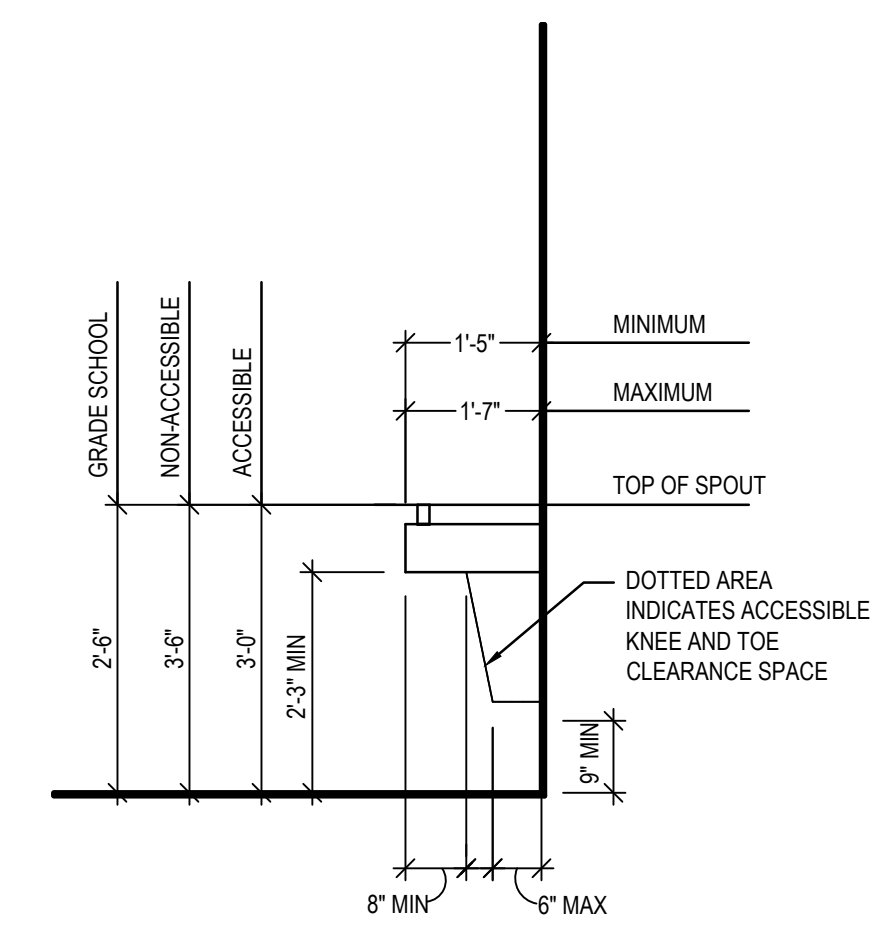
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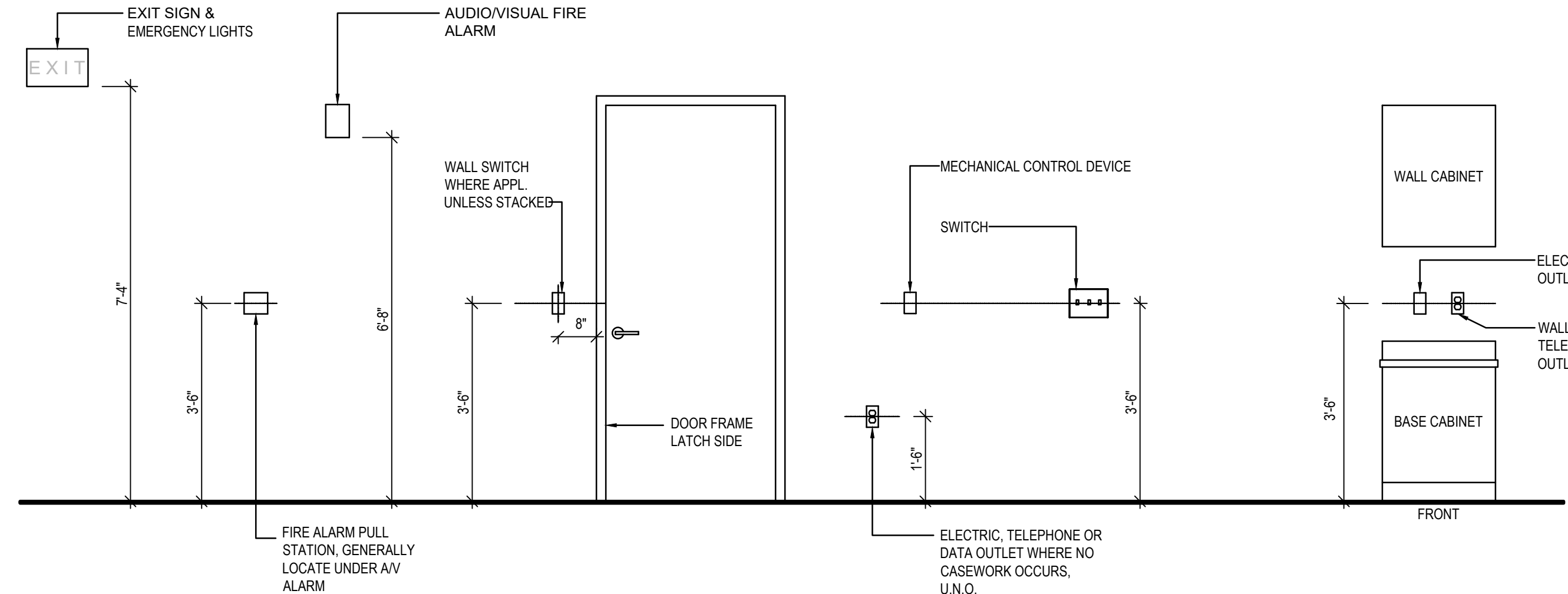
ROOM AND SPACE SIGNAGE

SCALE: N.T.S.



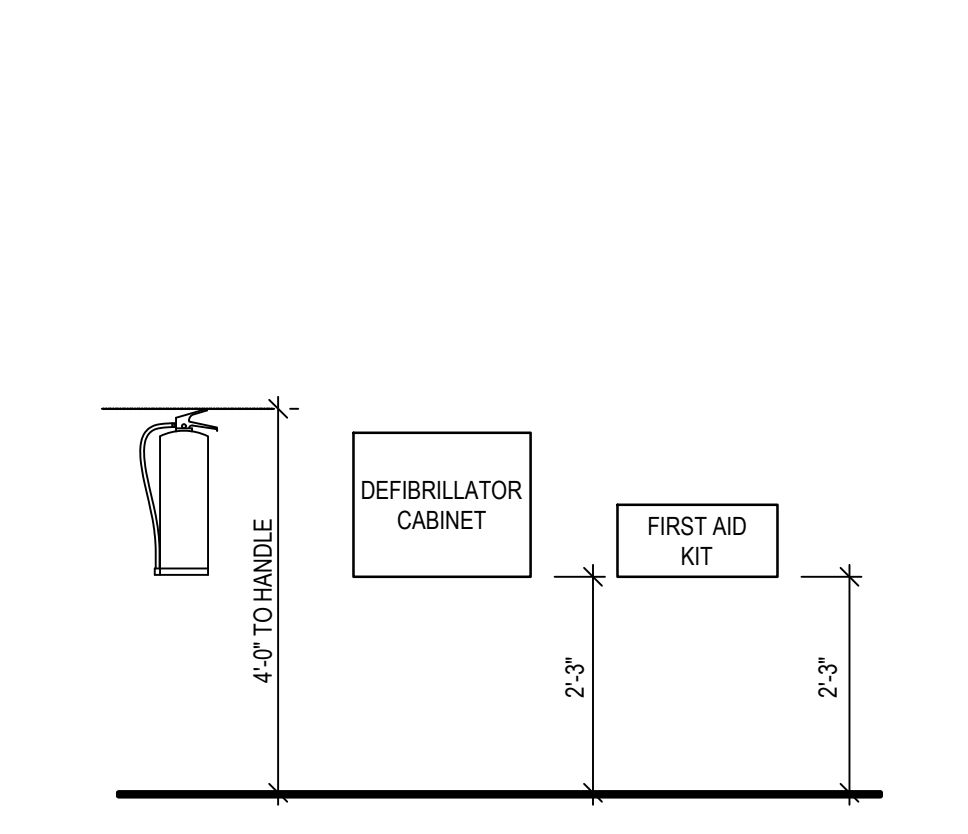
WATER COOLER

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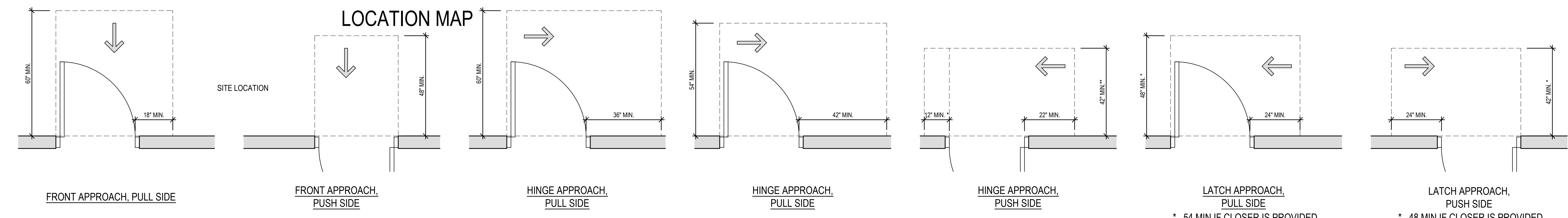
ELECTRICAL DEVICE MOUNTING HEIGHTS

SCALE: N.T.S.



FIRE EXTINGUISHER AND FIRST AID

SCALE: N.T.S.



TYPICAL DOOR SWING CLEARANCE REQUIREMENTS

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

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DELAWARE RIVER AND BAY AUTHORITY

DRBA CONTRACT NO.
 INTERIOR RENOVATION AT THE
 DRBA POLICE DISPATCH
 1200 LINCOLN BLVD
 CAPE MAY, NJ 08204

PROJECT

REVISIONS

MARK	DESCRIPTION	DATE

SHEET TITLE

TYPICAL MOUNTING HEIGHTS

ISSUED FOR BIDDING

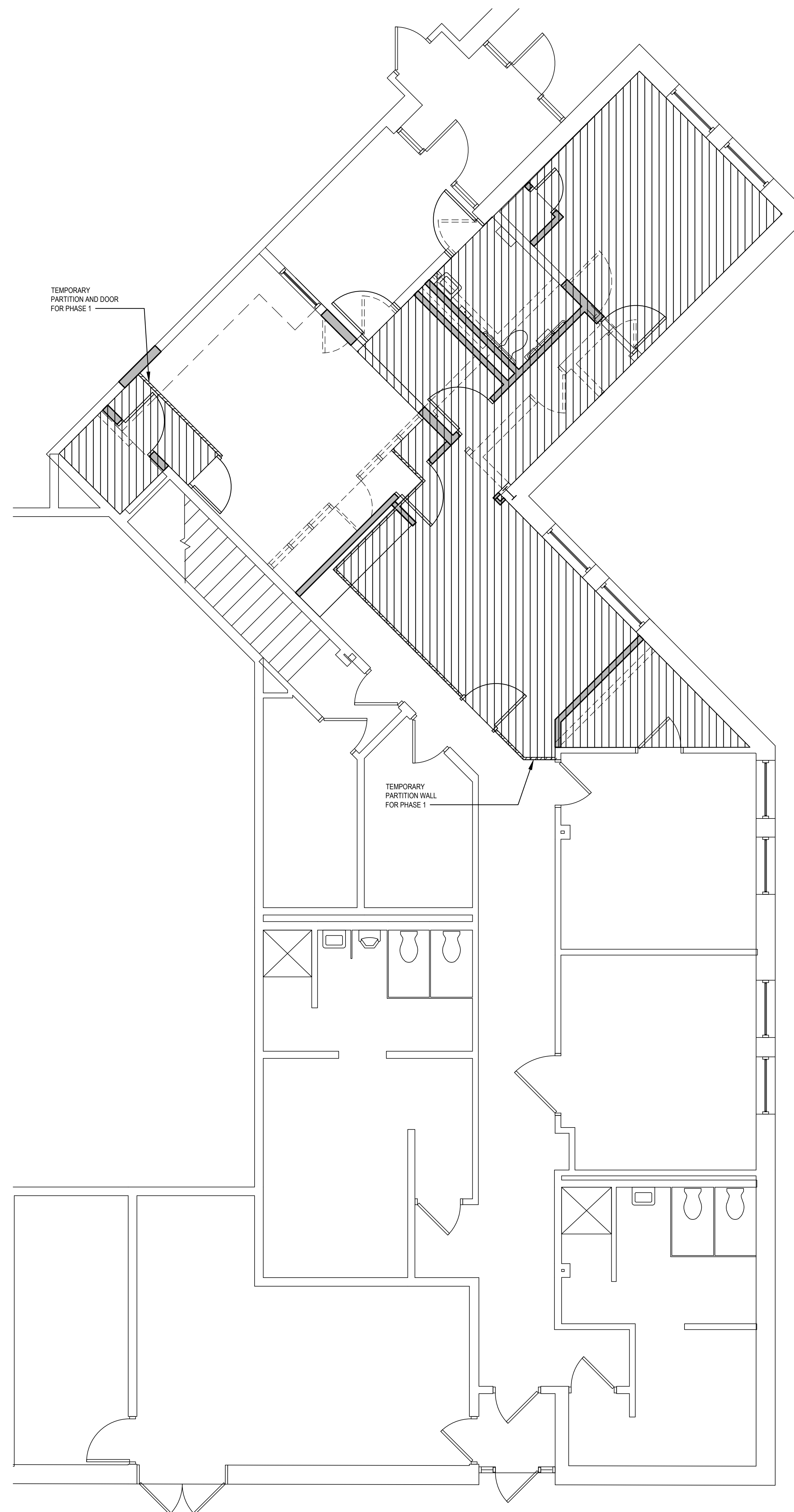
MAY 20, 2022

DRAWN	CHK'D	PROJECT NO.
AB	AB/PG	20008

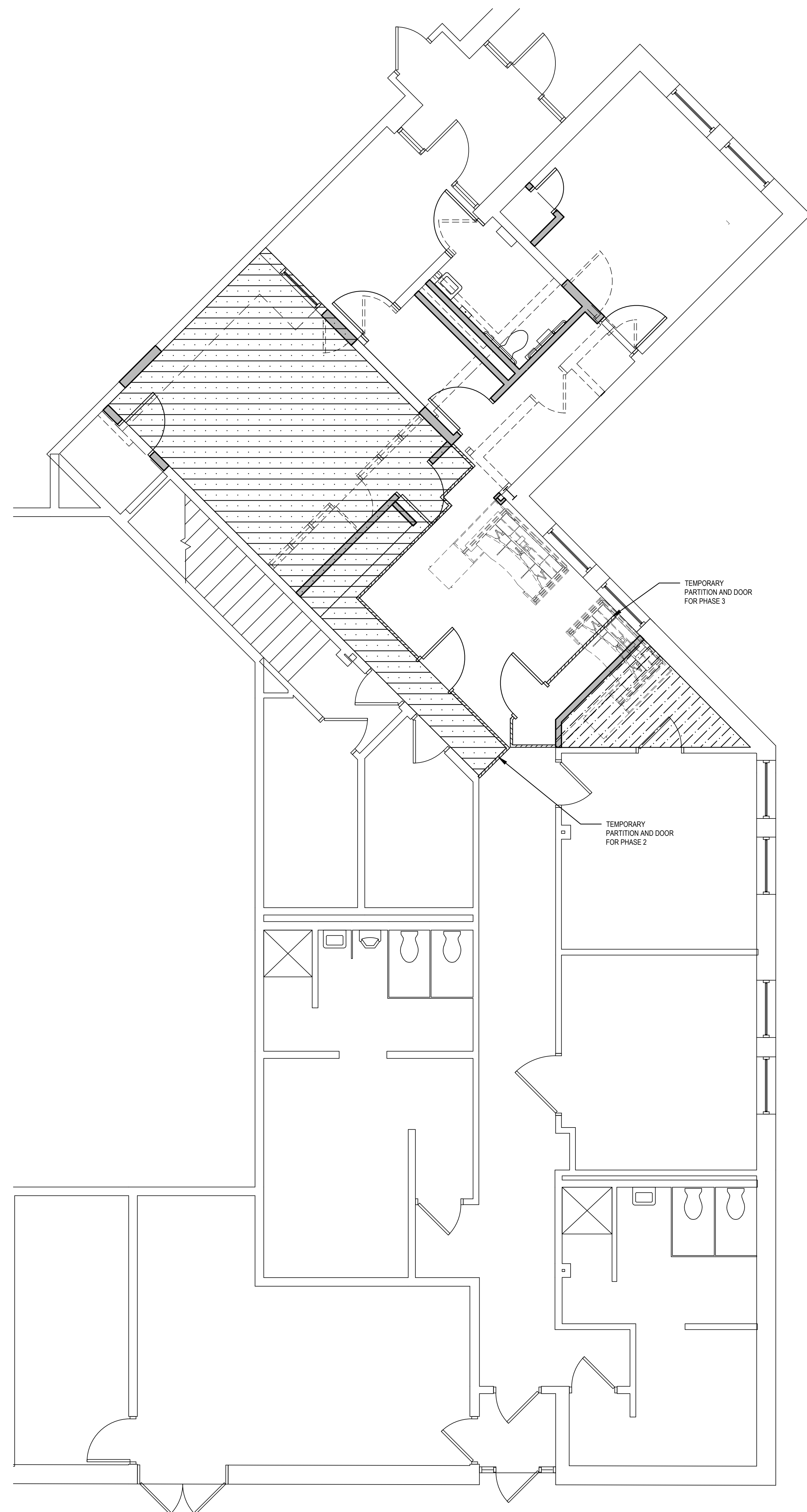
SHEET NO.

A-002

THE RECEIPT OF THESE PLANS BY ANY CONTRACTOR OR OTHER PARTY DOES NOT CONSTITUTE AN ENDORSEMENT OF THE PROJECT OR PROJECT PERFORMANCE. THE RECIPIENT OF THESE PLANS SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PROJECT AND SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PROJECT. THE RECIPIENT OF THESE PLANS SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PROJECT AND SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PROJECT.



1 PHASING FLOOR PLAN - PHASE 1
 AP101 SCALE: 1/4" = 1'-0"
 6/6/2022 3:05 PM



2 PHASING FLOOR PLAN - PHASE 2 & 3
 AP101 SCALE: 1/4" = 1'-0"

GENERAL PHASING NOTES

THE FOLLOWING APPLIES FOR ALL DRAWINGS:

- PHASING PLANS DESIGNATE SEQUENCE OF ALL WORK TO BE COMPLETED IN THE INDICATED AREA. REFER TO DRAWINGS FOR ALL DISCIPLINES TO DETERMINE EXTENT OF WORK IN EACH AREA. THE CONTRACTOR SHALL SUBMIT A SCHEDULE DETAILED THE WORK PHASE ACTIVITIES AND DURATIONS FOR APPROVAL BY THE DELAWARE RIVER BAY AUTHORITY 14 DAYS PRIOR TO PLANNED SITE MOBILIZATION.
- CONTRACTOR SHALL COORDINATE ANY ACCESS REQUIRED TO OCCUPIED AREAS WITH THE DELAWARE RIVER BAY AUTHORITY 48 HOURS PRIOR TO PERFORMING WORK.
- VISION LINES BETWEEN PHASES ARE DIAGRAMMATIC ONLY. TEMPORARY PARTITION LOCATIONS WILL BE SUBMITTED TO THE DELAWARE RIVER BAY AUTHORITY FOR APPROVAL AS REQUIRED.
- THE CONTRACTOR SHALL NOTIFY THE DELAWARE RIVER BAY AUTHORITY AND REQUEST AN INSPECTION AND APPROVAL OF EACH COMPLETED PHASE PRIOR TO OCCUPANCY.
- THE CONTRACTOR SHALL SUBMIT A NARRATIVE PLAN TO THE DELAWARE RIVER BAY AUTHORITY'S ENVIRONMENTAL HEALTH AND SAFETY OFFICE FOR APPROVAL. THE PLAN SHALL DETAIL THE MEANS AND METHODS UTILIZED TO MAINTAIN A SAFE WORK ENVIRONMENT DURING CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO FUME MITIGATION, DUST AND NOISE CONTROL, HOW FACILITY ACCESS WILL BE MAINTAINED, AND MAINTAINING SECURITY PROTOCOL ON SITE.

PHASING LEGEND

	PHASE 1
	PHASE 2
	PHASE 3

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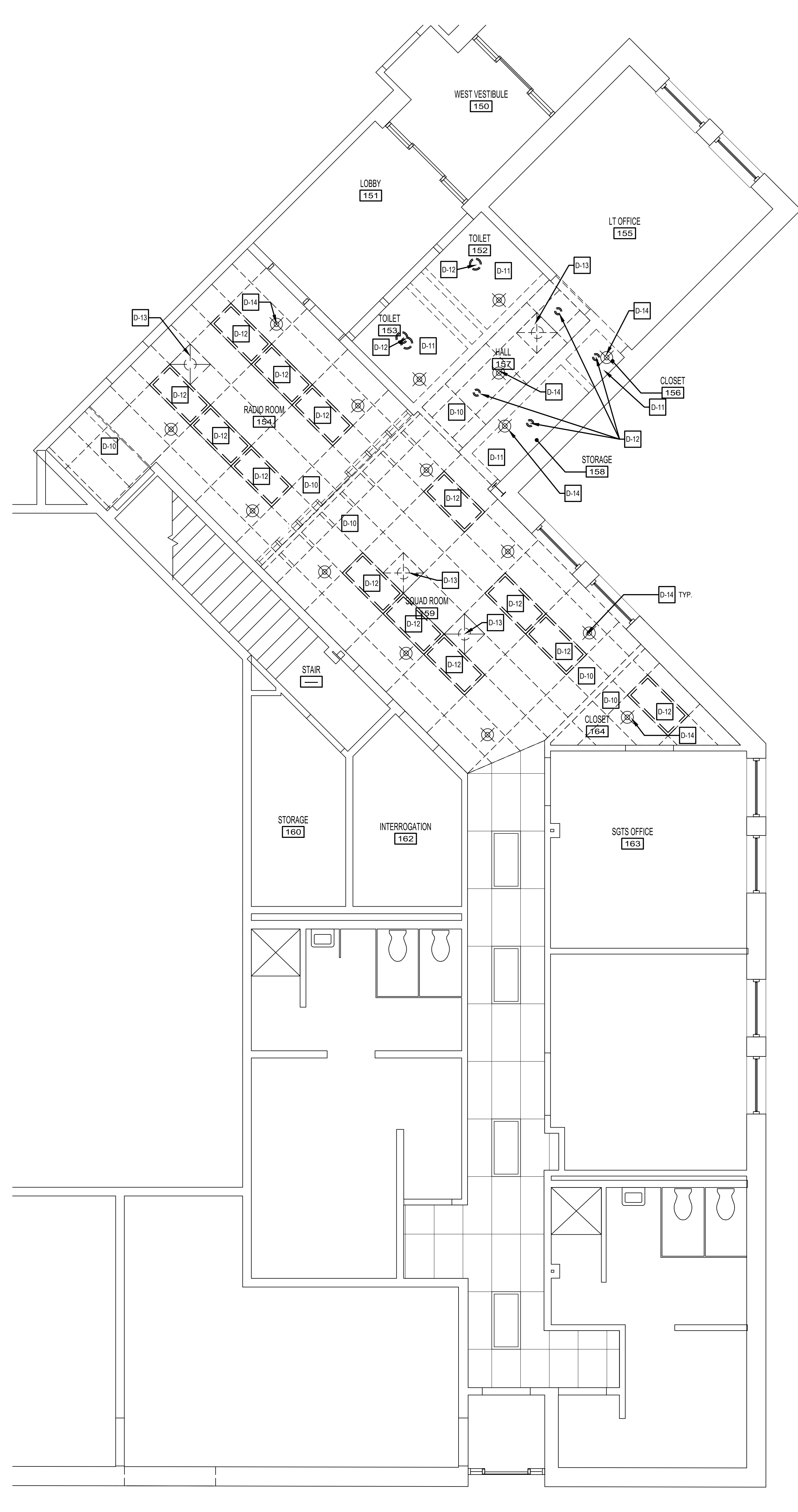
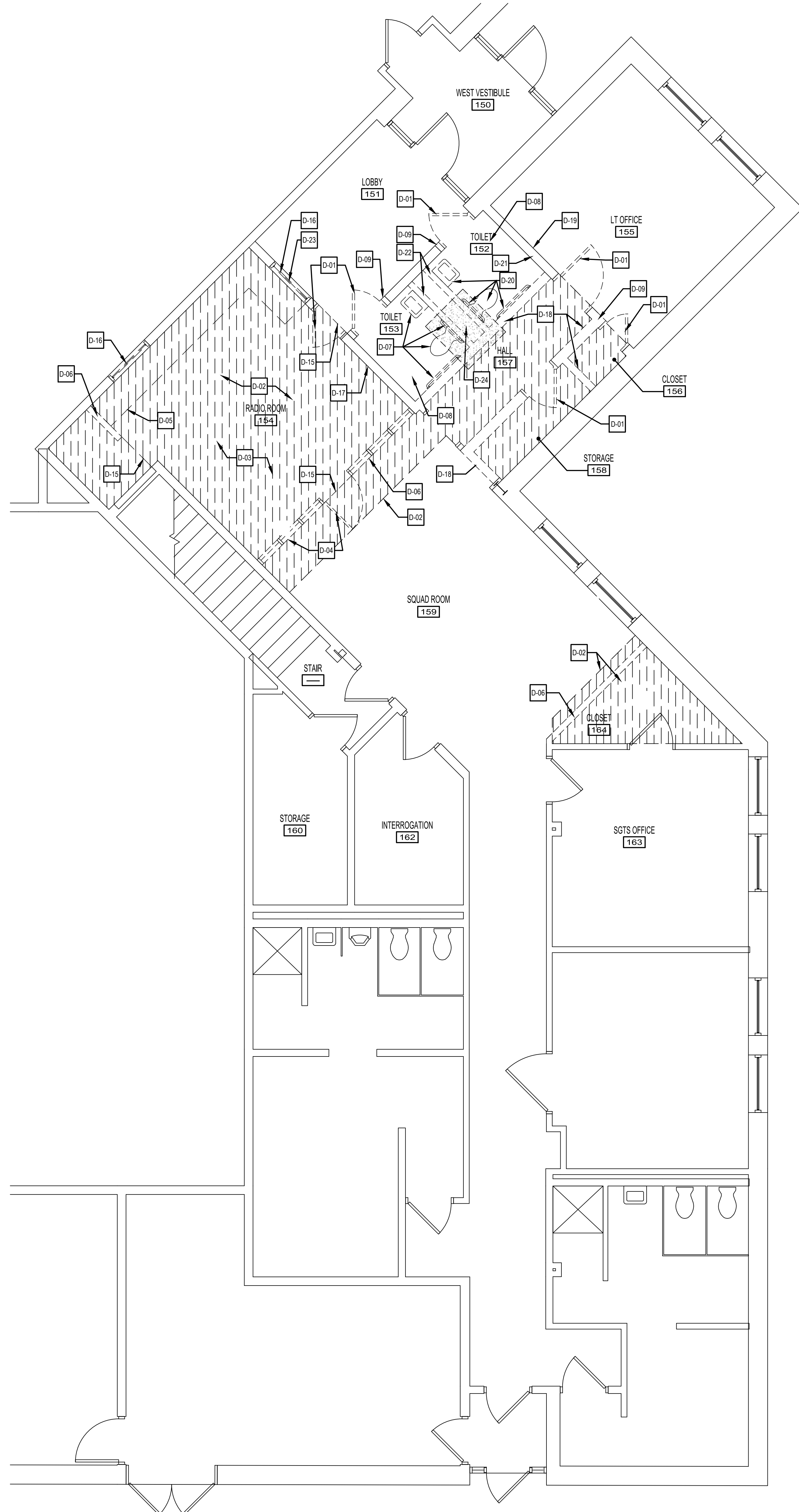
PHASING PLAN

ISSUED FOR BIDDING
 MAY 20, 2022

DRAWN KB/AB	CHKD PG/AB	PROJECT NO. 20008
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SHEET NO. **AP101**

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DEMOLITION SYMBOL LEGEND

- KEY NOTE TAG. SEE KEY NOTE INSTRUCTIONS / NARRATIVE FOR MORE INFORMATION
- LINE INDICATES EXISTING TO REMAIN
- DASHED LINE INDICATES EXISTING TO BE DEMOLISHED
- HATCH INDICATES EXISTING FLOOR FINISH TO BE DEMOLISHED
- EXISTING FIRE EXTINGUISHER CABINET
- MECHANICAL DEVICE
- 2X4 LIGHT FIXTURE
- DOWN LIGHT
- SPRINKLER HEAD
- SPEAKER
- NOTIFICATION DEVICE (AUDIOVISUAL)
- SMOKE DETECTOR
- CEILING MOUNTED CAMERA

GENERAL DEMOLITION NOTES

1. ALL AREAS AND PARTITIONS NOT DASHED OR NOTED TO BE REMOVED SHALL REMAIN INTACT. PATCH AND REPAIR EXISTING ADJACENT PARTITIONS AND FINISHES AS REQUIRED AFTER DEMOLITION TO MATCH EXISTING OR IN ACCORDANCE W/ PROPOSED RENOVATIONS.
2. PROVIDE INTERIOR SHORING, BRACING, OR OTHER SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF ELEMENTS TO BE DEMOLISHED AND ADJACENT EXISTING ELEMENTS TO REMAIN.
3. SELECTIVE DEMOLITION WORK INCLUDES REMOVAL OF NON-STRUCTURAL ITEMS INDICATED. REFER TO MECH, PL, BG, ELEC, DEMOLITION DWGS FOR ADDITIONAL SCOPE. THIS DRAWING DOES NOT SHOW ELEC, WATER, HVAC, AND MOST OTHER SERVICES.
4. LOCATE AND IDENTIFY EXISTING UTILITIES, INCLUDING SANITARY SEWER SYSTEM, AND ASCERTAIN THEIR CONDITION TO ENSURE ADEQUATE PERFORMANCE OF ALL UTILITIES IN NEW CONSTRUCTION. PROTECT UTILITY LINES AND HARDWARE DURING DEMOLITION AND CONSTRUCTION PHASES.
5. THE CONTRACTOR SHALL SAFELY SECURE ANY AND ALL PIPING, WIRING, CABLES, OR DEVICES THAT ARE NOT SCHEDULED FOR DEMOLITION THAT WERE SECURED BY ITEMS THAT HAVE BEEN OR ARE SCHEDULED FOR DEMOLITION.
6. UPON COMPLETION OF THE DEMOLITION WORK, ALL AREAS SHALL BE LEFT BROOM CLEAN TO THE SATISFACTION OF THE OWNER.
7. CONTRACTOR SHALL PROMPTLY PATCH AND REPAIR DAMAGE CAUSED TO ADJACENT CONSTRUCTION BY DEMOLITION WORK. RESTORE EXPOSED FINISHES IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING AND REFINISHING.
8. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, NOTIFY OWNER IMMEDIATELY COMPLY WITH APPLICABLE REGULATIONS, LAWS, AND ORDINANCES CONCERNING REMOVAL, HANDLING, AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION. BURNING OF EXISTING MATERIALS IS NOT PERMITTED ON THE PROJECT SITE.
9. COORDINATE ALL DEMOLITION WORK WITH THE OWNER BEFORE PROCEEDING.

DEMOLITION KEY NOTES

- D-01** DEMOLISH EXISTING DOOR, FRAME AND HARDWARE AND ANY ASSOCIATED COMPONENTS.
- D-02** DEMOLISH EXISTING CARPET TILE FINISH DOWN TO CONCRETE SUBSTRATE. PATCH SUBSTRATE AS REQUIRED TO RECEIVE NEW FINISHES. DEMOLISH EXISTING WALL BASE. PATCH AND PREPARE EXISTING WALLS FOR NEW WALL BASE.
- D-03** DEMOLISH EXISTING BUILT UP FLOOR, INCLUDING BUT NOT LIMITED TO SUB FLOOR, METAL STUDS, FLOOR JOISTS, ETC. DOWN TO EXISTING CONCRETE SLAB.
- D-04** DEMOLISH EXISTING STOREFRONT WINDOW, DOOR, FRAME AND HARDWARE AND ANY ASSOCIATED COMPONENTS.
- D-05** DEMOLISH EXISTING CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AFTER CASEWORK HAS BEEN REMOVED.
- D-06** DEMOLISH EXISTING GYPSUM WALLBOARD AND STUD PARTITION.
- D-07** DEMOLISH EXISTING PLUMBING FIXTURE AND CAP PIPING BELOW SLAB AND/ OR BEHIND WALL. DEMOLISH EXISTING STAINLESS STEEL TOILET ACCESSORIES. REMOVE EXISTING "RENOVW" TOILET ACCESSORIES AND RETURN TO OWNER.
- D-08** WITH CARE REMOVE EXISTING TILE FLOOR AND WALL BASE. REPAIR AND PREP EXISTING SLAB FOR NEW FINISH. REPAIR AND PREP EXISTING WALL FOR NEW FINISH (TYP ENTIRE ROOM).
- D-09** DEMOLISH A PORTION OF THE EXISTING CMU WALL AS REQUIRED FOR A NEW DOOR FRAME AND LINTEL.
- D-10** DEMOLISH EXISTING 2'-0" x 4'-0" ACOUSTICAL CEILING SYSTEM, INCLUDING BUT NOT LIMITED TO CEILING PANELS, GRID, WALL MOLDING, HANGERS AND SUPPORTS.
- D-11** DEMOLISH EXISTING GYPSUM WALLBOARD CEILING IN ITS ENTIRETY.
- D-12** DEMOLISH EXISTING LIGHTING FIXTURE.
- D-13** DEMOLISH EXISTING MECHANICAL DIFFUSER.
- D-14** EXISTING SPRINKLER HEAD TO REMAIN. ADJUST LOCATION FOR NEW GRID PLACEMENT AS REQUIRED. TYPICAL ALL LOCATIONS UNLESS NOTED OTHERWISE.
- D-15** EDGE OF RAISED FLOOR.
- D-16** REMOVE AND DISPOSE OF EXISTING SAFETY TRANSACTION WINDOW, SILL AND TRIM.
- D-17** REMOVE GYPSUM WALLBOARD AS REQUIRED TO INSTALL NEW BLOCKING FOR (4) WALL MOUNTED VIDEO MONITORS. SEE ELEVATION 7/A-401 FOR MONITOR LOCATIONS.
- D-18** DEMOLISH EXISTING CMU WALL WITH FURRING IN ITS ENTIRETY.
- D-19** WITH CARE, REMOVE EXISTING WOOD VENEER PANELING UP TO WOOD TRIM ABOVE.
- D-20** DEMOLISH EXISTING PLUMBING FIXTURE AND RECONFIGURE PIPING FOR INSTALLATION OF NEW FIXTURES. DEMOLISH EXISTING STAINLESS STEEL TOILET ACCESSORIES. SALVAGE EXISTING "RENOVW" TOILET ACCESSORIES FOR REUSE.
- D-21** INFILL CMU WALL AT REMOVED RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE.
- D-22** DEMOLISH EXISTING CMU WALL IN ITS ENTIRETY.
- D-23** DEMOLISH PORTION OF FURRED CMU WALL AS REQUIRED TO INSTALL NEW TRANSACTION WINDOW AT 36" ABOVE FLOOR SLAB.
- D-24** SAW CUT AND REMOVE CONCRETE FLOOR SLAB AND EXCAVATE AS REQUIRED TO RECONFIGURE SANITARY LINE FOR NEW TOILET LOCATION.

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REVISIONS

MARK	DESCRIPTION	DATE

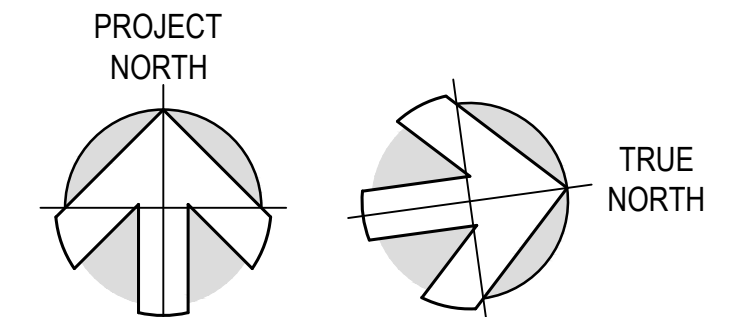
SHEET TITLE
DEMOLITION PLAN

ISSUED FOR BIDDING
 MAY 20, 2022

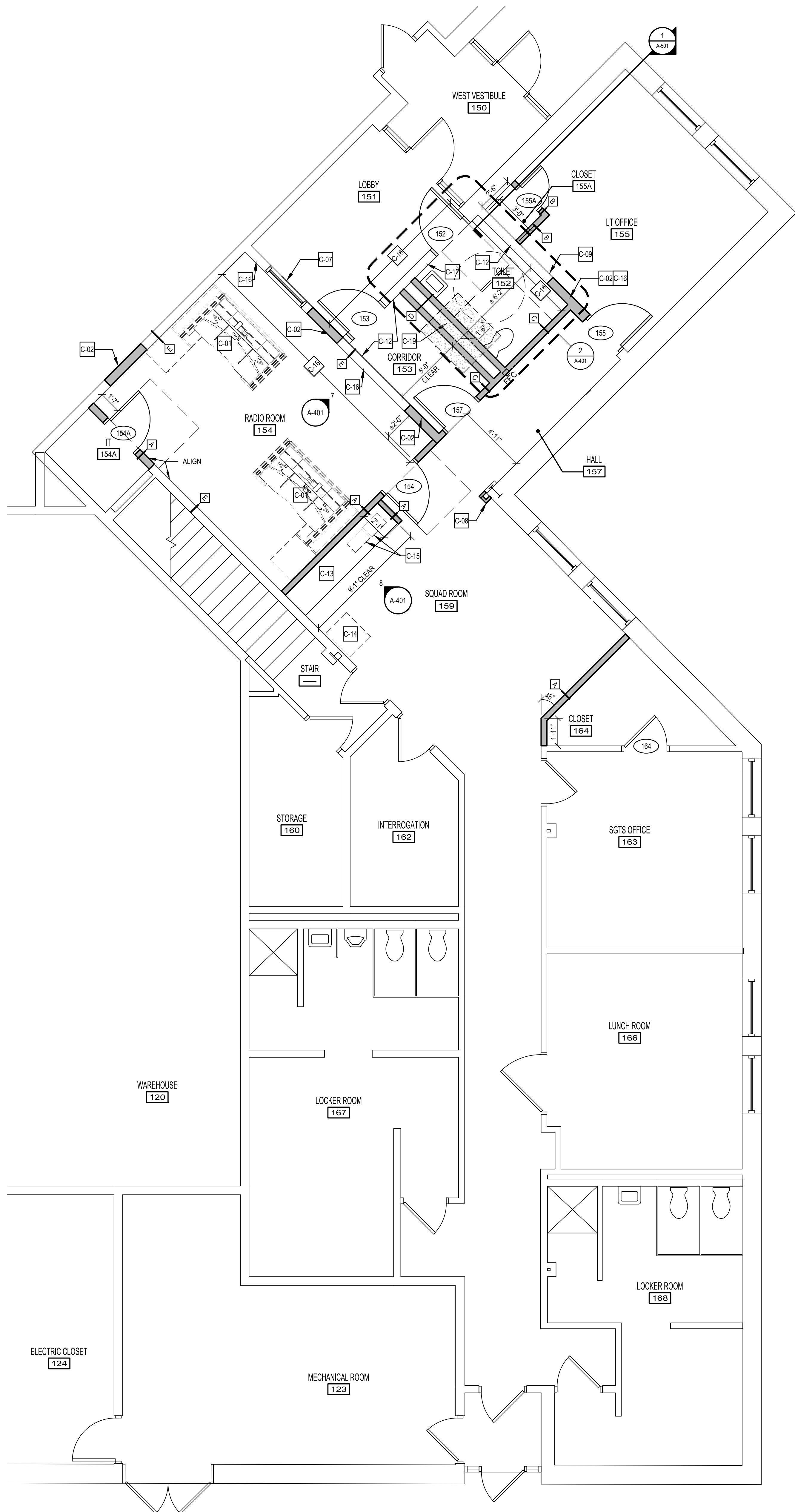
DRAWN: AB/KB CHKD: AB/PG PROJECT NO: 20008
 SHEET NO: **A-101**

1 PARTIAL DEMOLITION FLOOR PLAN - FIRST FLOOR
 SCALE: 1/4" = 1'-0"

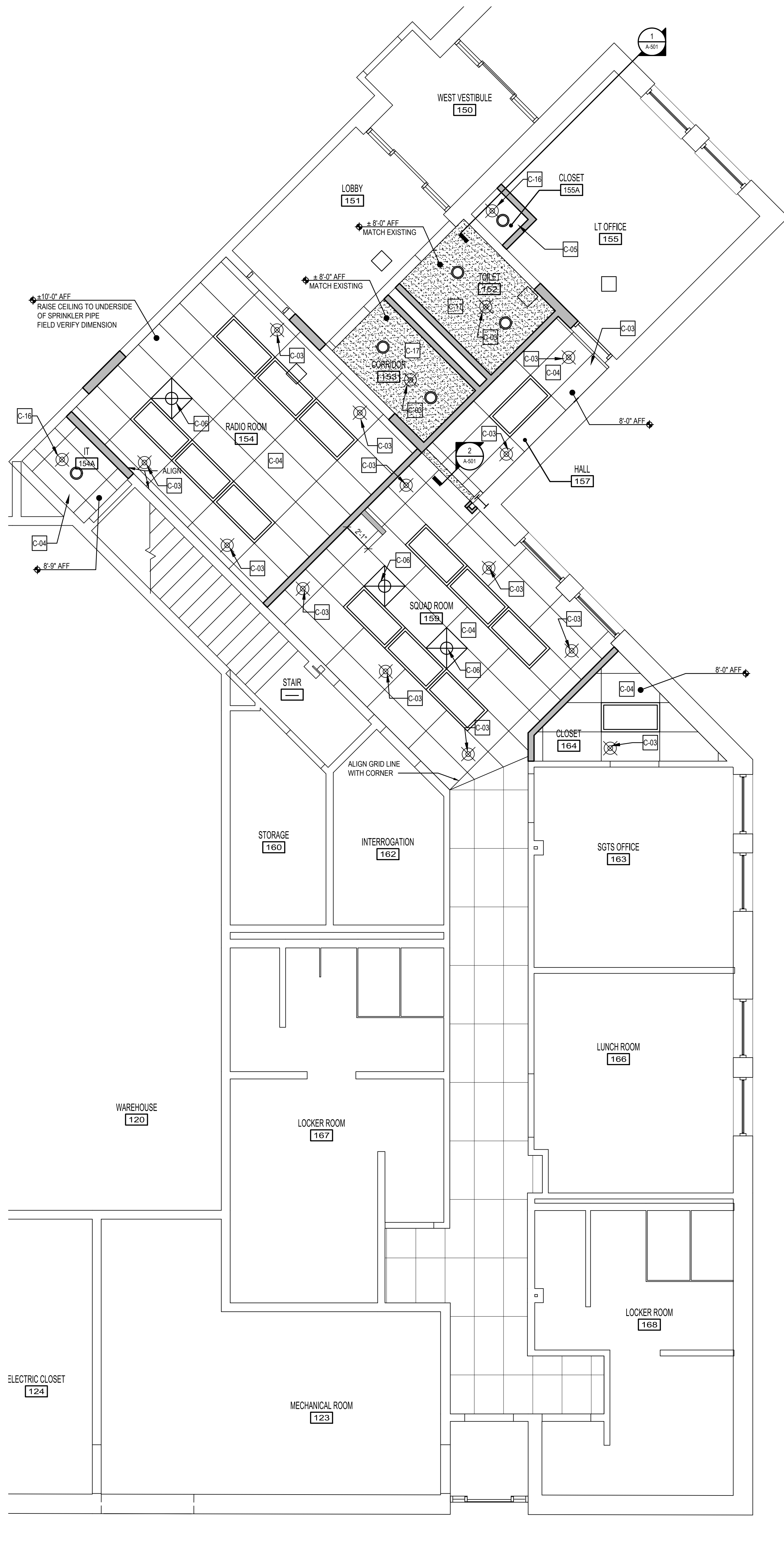
2 PARTIAL DEMOLITION REFLECTED CEILING PLAN - FIRST FLOOR
 SCALE: 1/4" = 1'-0"



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1 PARTIAL CONSTRUCTION FLOOR PLAN - FIRST FLOOR
 SCALE: 1/4" = 1'-0"
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2 PARTIAL CONSTRUCTION REFLECTED CEILING PLAN - FIRST FLOOR
 SCALE: 1/4" = 1'-0"

CONSTRUCTION SYMBOL LEGEND

- KEY NOTE TAG. SEE KEY NOTE INSTRUCTIONS / NARRATIVE FOR MORE INFORMATION.
- INDICATES NEW HM FRAME AND DOOR - SEE DOOR SCHEDULE AND A-501 FOR MORE INFORMATION.
- INDICATES NEW WALL TYPE - SEE TYPICAL WALL TYPES FOR MORE INFORMATION.
- LINE INDICATES EXISTING TO REMAIN.
- INDICATES NEW WALL CONSTRUCTION.
- HATCH INDICATES NEW FLOOR FINISH.
- EXISTING FIRE EXTINGUISHER CABINET.
- MECHANICAL DEVICE.
- DOWN LIGHT.
- SPRINKLER HEAD.
- SPEAKER.
- NOTIFICATION DEVICE (AUDIOVISUAL).
- SMOKE DETECTOR.
- CEILING MOUNTED CAMERA.

GENERAL CONSTRUCTION NOTES

1. SEE GENERAL NOTES ON A-001 FOR ADDITIONAL INFORMATION.
2. INTERIOR PARTITION TYPE TAGS APPLY TO THE ENTIRE LENGTH OF WALL INDICATED BY THAT TAG, REGARDLESS OF OPENINGS WITHIN THAT WALL. TYP. UNO.
3. TOUCH-UP PAINT AS REQUIRED AT ALL WALLS WHERE EXISTING WALL BASE WAS REMOVED AND NEW BASE IS INSTALLED.
4. ALL DIMENSIONS ARE TO FACE OF MASONRY, ROUGH FRAME, OR CENTER LINE OF COLUMN. TYPICAL UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
5. LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR COORDINATION PURPOSES ONLY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFO.
6. ALL CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DIFFUSERS, DETECTORS, SPRINKLER HEAD, ETC) SHALL BE CENTERED WITHIN THE CEILING TILES AND GRIDS UNLESS NOTED OTHERWISE.
7. PAINT ALL EXPOSED SURFACES, INCLUDING ALL GYPSUM BOARD CEILINGS.
8. ALL CEILING TILES TO BE CENTERED IN ROOMS, UNLESS NOTED OTHERWISE.
9. CEILING HEIGHTS REFERENCE ROOM FINISHED FLOOR ELEVATION.
10. REFERENCE MECHANICAL AND PLUMBING DRAWINGS FOR CEILING MOUNTED DUCTS, PIPES, ETC. REFERENCE ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE TYPES AND LOCATIONS.
11. ALL ACoustICAL CEILINGS SHALL BE ACT-1. ALL CEILINGS SHALL BE PLACED 8'-8" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
12. REINSTALL ALL FIRE PROTECTION DEVICES, FIRE DETECTION DEVICES, SPEAKERS, AND INFORMATION TECHNOLOGY DEVICES INTO ALL NEW CEILING TILE.

CONSTRUCTION KEY NOTES

- C-01 CUSTOM MERCURY PRO CONSOLES 7'-8" WIDE 6'-10" LONG AND (6) 24" MONITORS BY WATSON CONSOLES, OR APPROVED EQUAL. PROVIDED BY CONTRACTOR.
- C-02 INFILL EXISTING BLOCK WALL WITH NEW CMU. GROUTED SOLID, WITH METAL STUD FURRING AND GWB AT BOTH SIDES. TOOTH IN NEW BLOCK FOR INFILL AND ALIGN GWB WITH SURFACE OF EXISTING WALL.
- C-03 MODIFY EXISTING SPRINKLER HEAD AS REQ'D. TO FACILITATE NEW CEILING HEIGHT AND NEW LOCATION OF SPRINKLER HEAD.
- C-04 2'-0" x 4'-0" SUSPENDED ACOUSTIC CEILING TILE, GRID, AND ASSOCIATED ACCESSORIES.
- C-05 INSTALL NEW 1/2" GYPSUM BOARD CEILING ON 3/8" METAL STUDS AT 16" O.C.
- C-06 MECHANICAL DIFFUSER SEE MECHANICAL DRAWINGS.
- C-07 NEW TRANSACTION WINDOW. SET TOP OF SILL AT 36" ABOVE FINISHED FLOOR. INFILL CMU AND FURRED GYPSUM WALL BOARD AS REQUIRED TO FINISH OPENING AROUND TRANSACTION WINDOW.
- C-08 4" x 4" CLEAR PIPE CHASE WITH 1 1/2" METAL STUD ON 1/2" GYPSUM WALLBOARD.
- C-09 INSTALL NEW OAK VENEER PANELING UP TO WOOD TRIM ABOVE.
- C-10 - NOT USED -
- C-11 - NOT USED -
- C-12 PREPARE GLAZED BLOCK WALL FOR AS REQUIRED TO LAMINATE 1/2" GYPSUM WALL BOARD OVER EXISTING GLAZED BLOCK AND NEW CMU BLOCK WALL.
- C-13 FURNISH AND INSTALL CASEWORK. SEE 4/A-401 AND 3/A-501 FOR ADDITIONAL INFORMATION.
- C-14 EXISTING COPIER/PRINTER TO REMAIN.
- C-15 RELOCATED RADIO CHARGER STATIONS.
- C-16 GROUT SOLID EXISTING CMU BLOCK WALL, AS REQUIRED TO REACH BULLET RESISTANCE LEVEL 2. THE ENTIRE LENGTH OF WALL UNLESS NOTED OTHERWISE.
- C-17 INSTALL NEW 1/2" GYPSUM BOARD CEILING ON 3/4 POUND EXPANDED METAL LATHE ON 6" COLD FORM JOISTS AT 16" O.C.
- C-18 NEW SPRINKLER HEAD.
- C-19 FILL AREA EXCAVATED FOR UNDERGROUND PLUMBING WORK AND INFILL WITH NEW 4" MIN. CONCRETE SLAB WITH 6X6-W1.4W1.4 WWF. DOWEL EDGES FOR NEW CONCRETE TO EXISTING FLOOR SLAB.



CONSULTANT

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ARCHITECT / ENGINEER SEAL

DELAWARE RIVER AND BAY AUTHORITY
 DRBA CONTRACT NO. _____
 INTERIOR RENOVATION AT THE
 DRBA POLICE DISPATCH
 1200 LINCOLN BLVD
 CAPE MAY, NJ 08204

PROJECT REVISIONS

MARK	DESCRIPTION	DATE

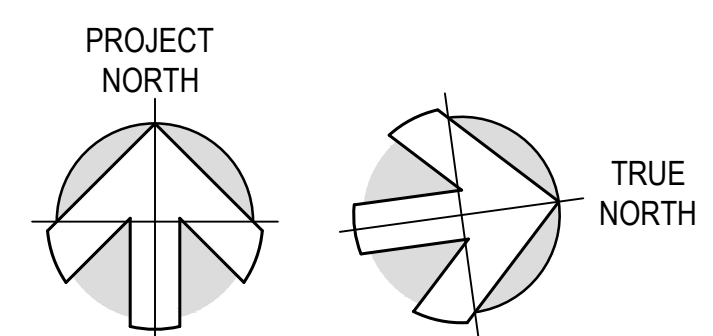
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CONSTRUCTION FLOOR PLAN

ISSUED FOR BIDDING
MAY 20, 2022

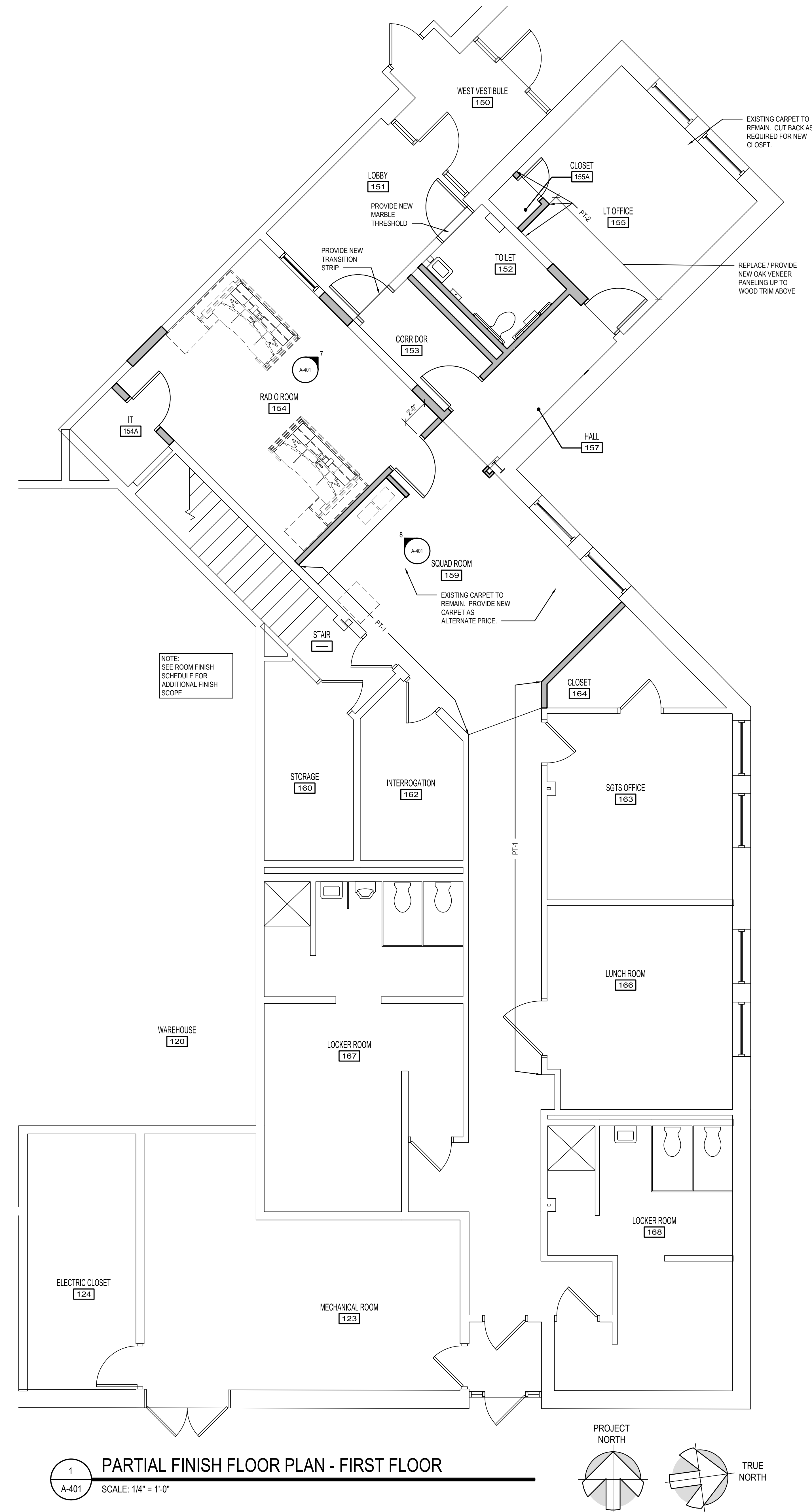
DRAWN: KB/AB
 CHK'D: AB/PG
 PROJECT NO.: 20008
 SHEET NO.:

A-102

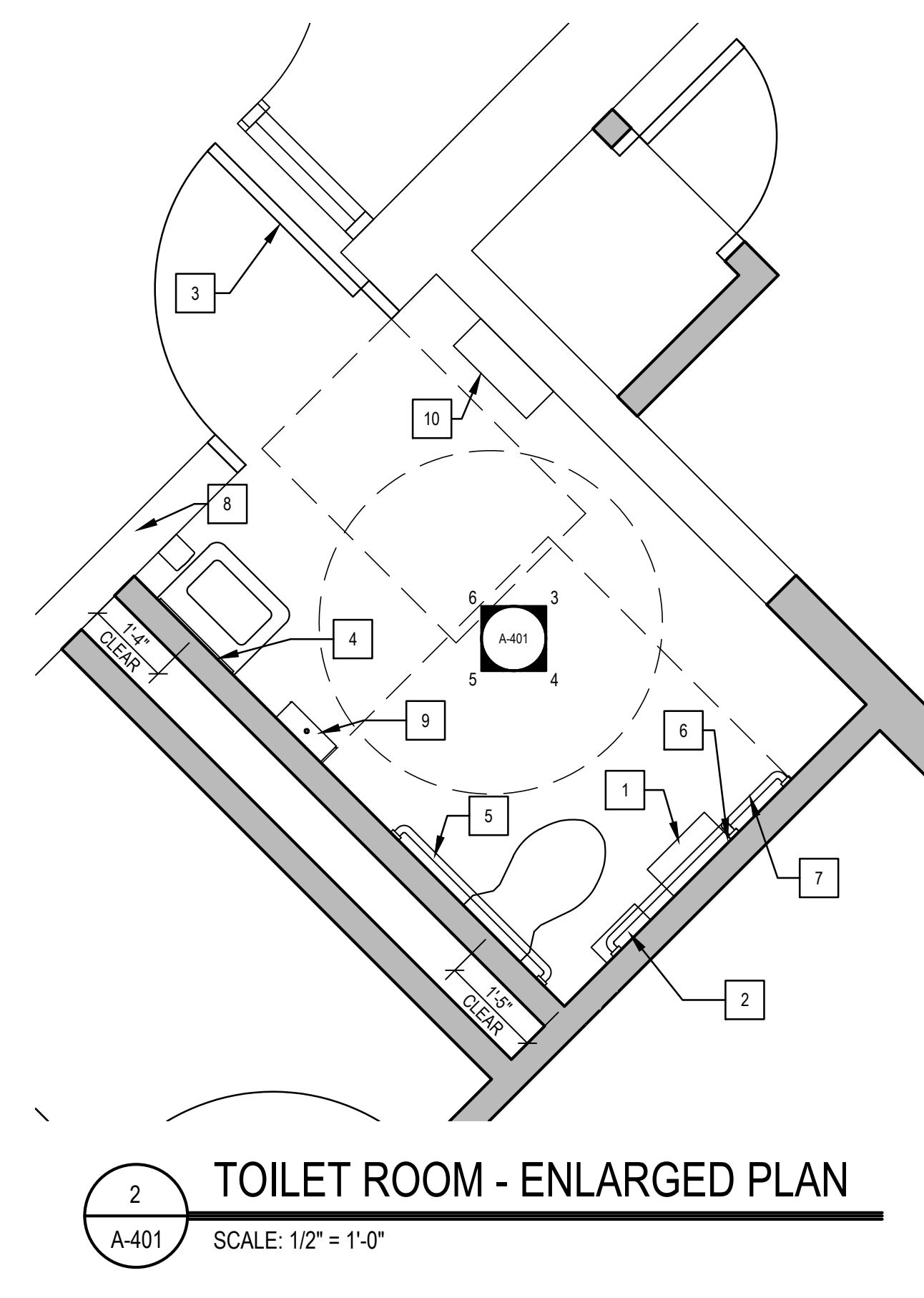


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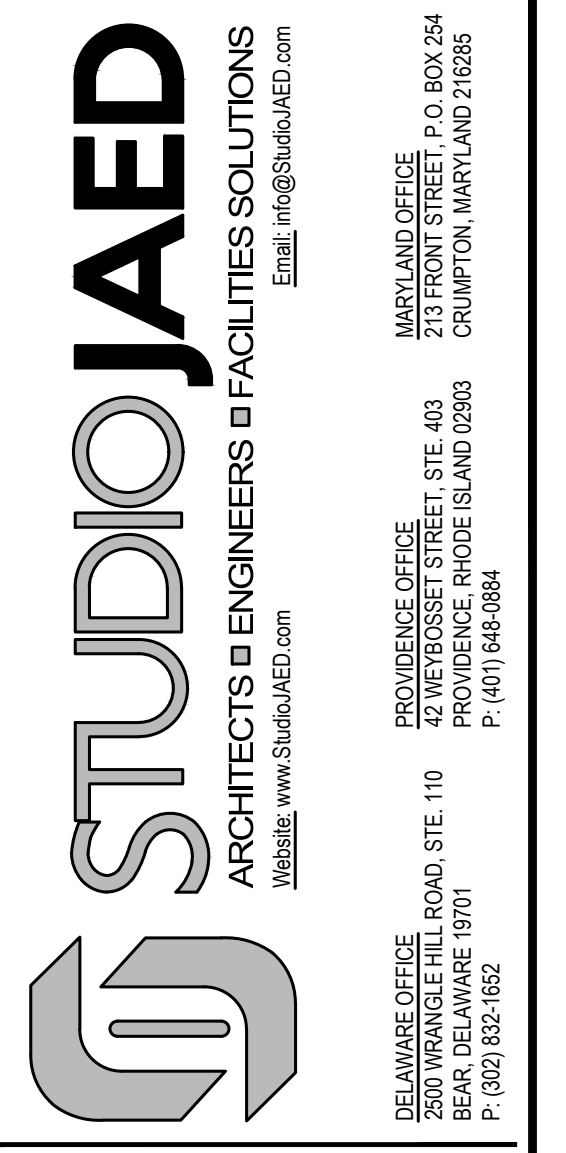
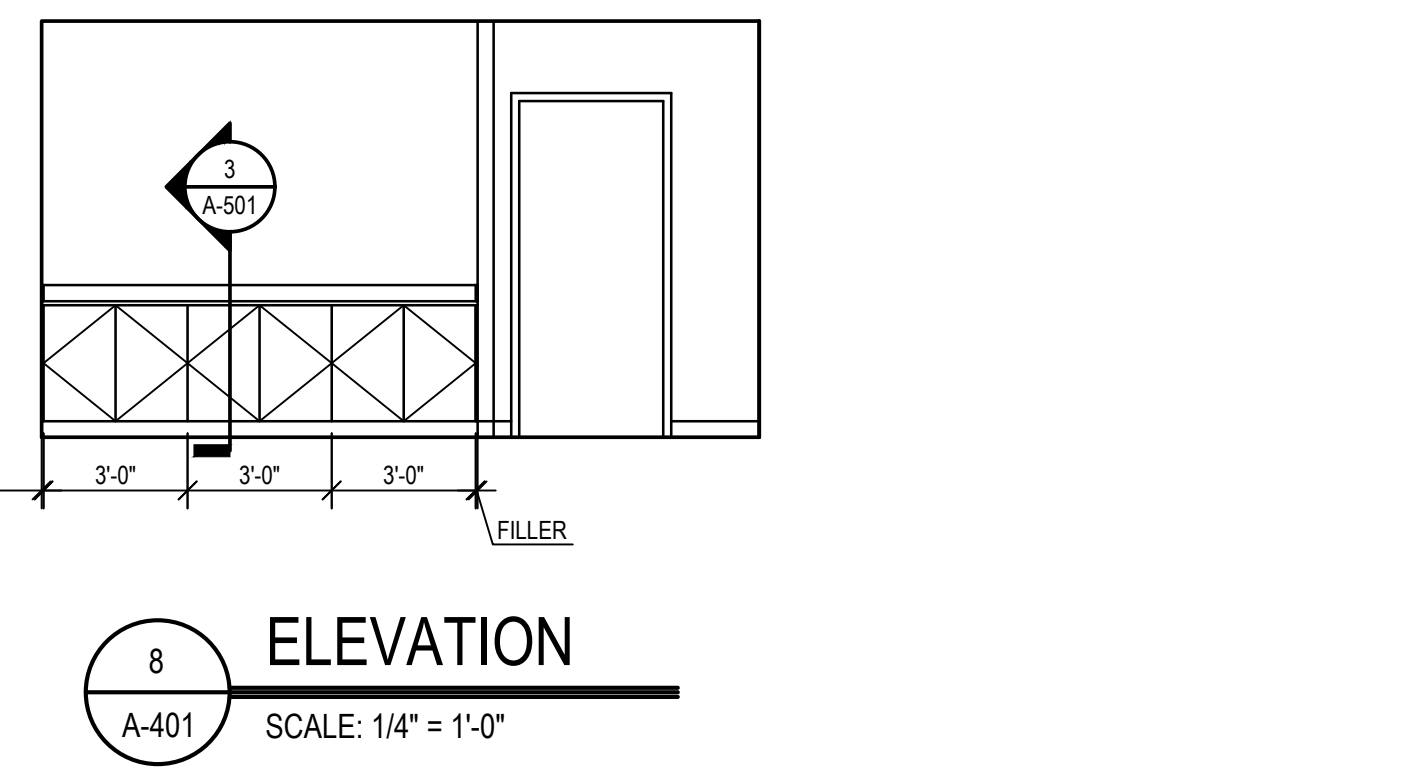
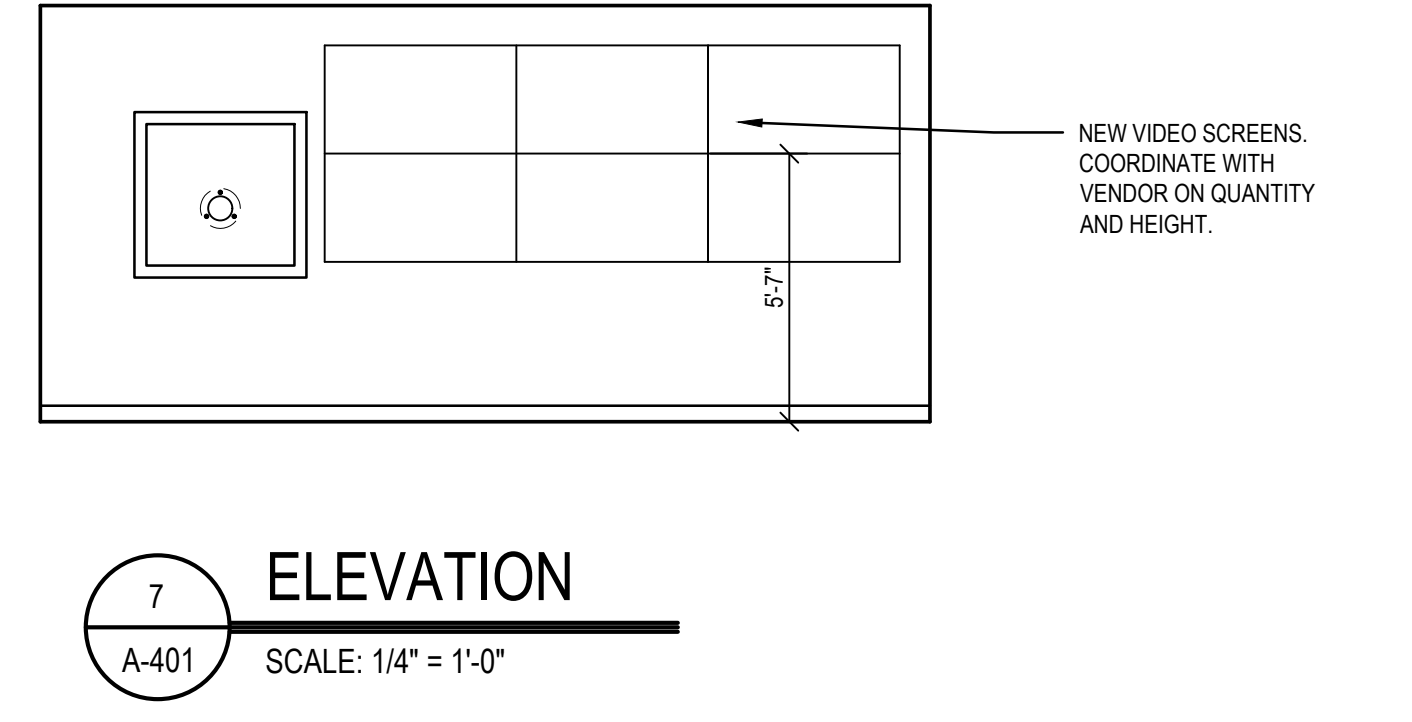
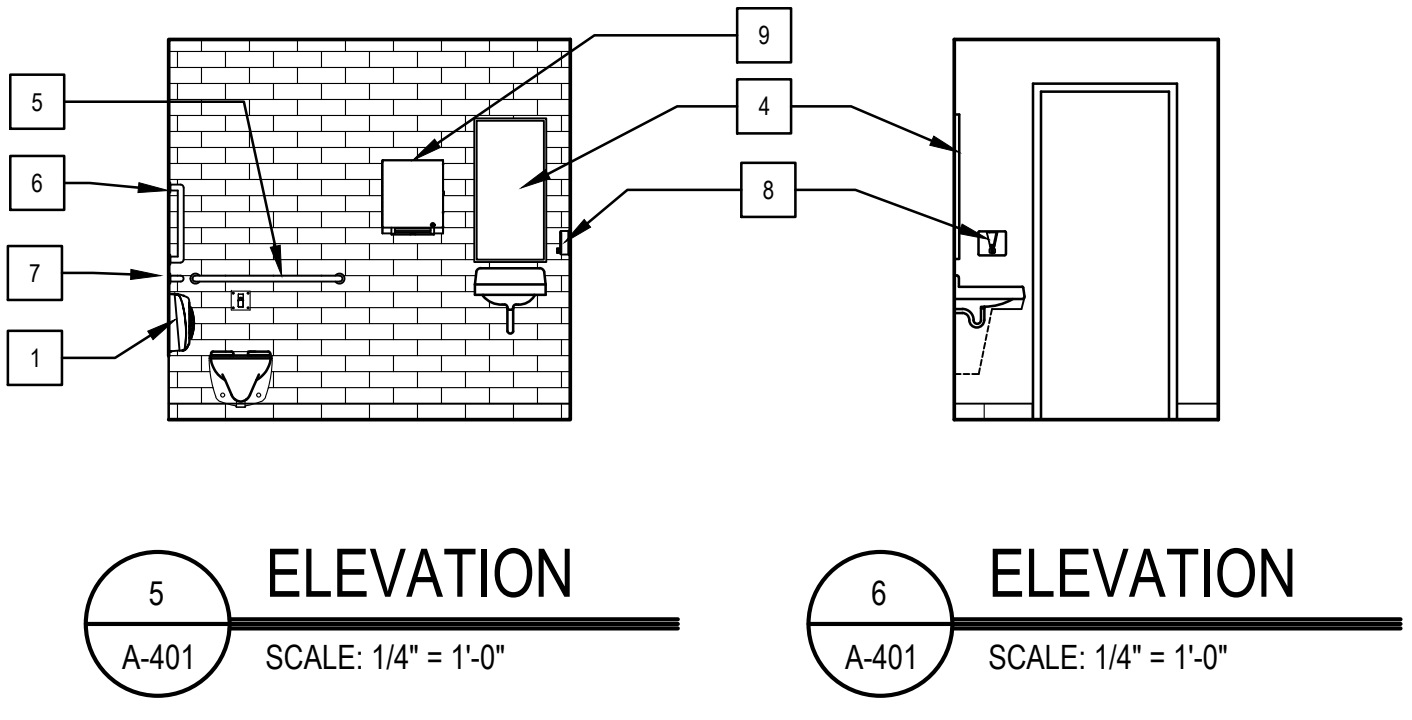
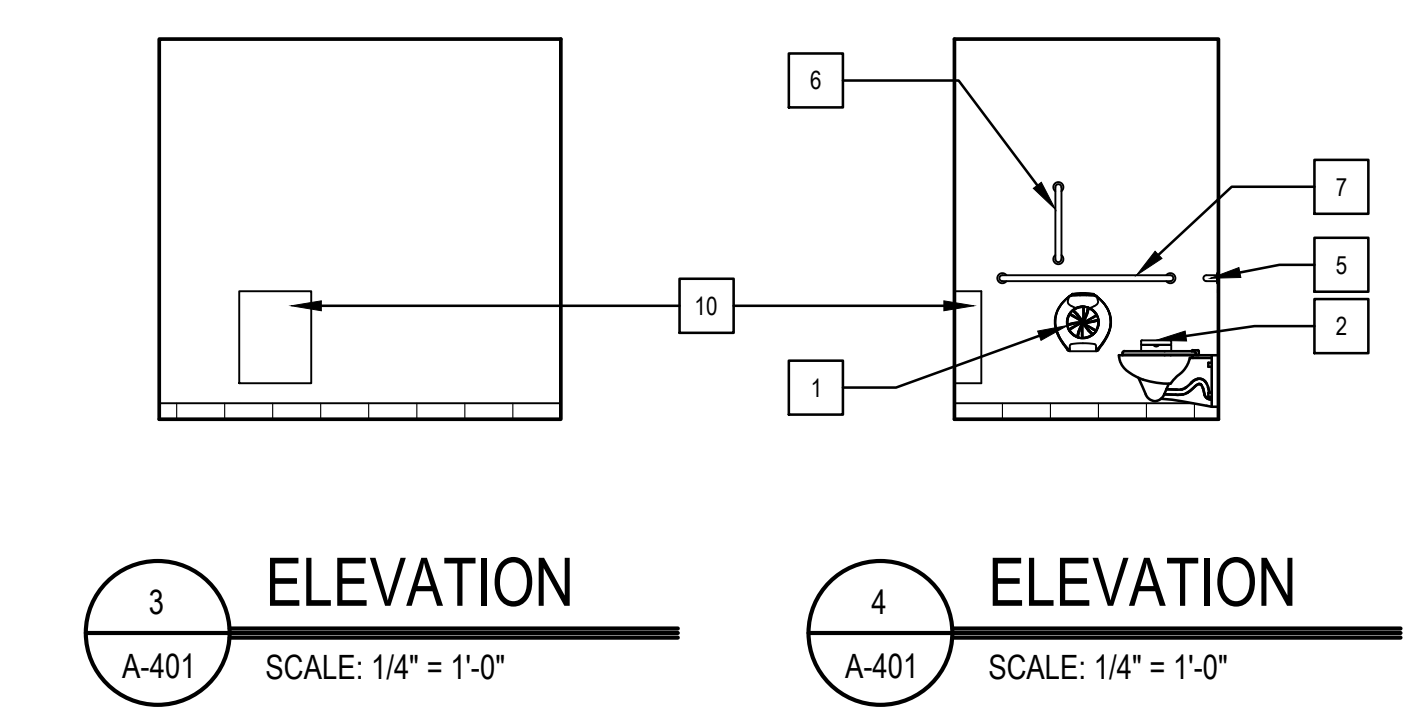


ENLARGED TOILET ROOM KEY		
1	TOILET PAPER DISPENSER	REINSTALL SALVAGED DISPENSER
2	SANITARY NAPKIN DISPOSAL	BRADLEY 4722-15
3	COAT HOOK	BRADLEY 931
4	18x36 MIRROR	BRADLEY 780
5	36" GRAB BAR	BRADLEY 812x36
6	18" VERTICAL GRAB BAR	BRADLEY 812x18
7	42" GRAB BAR	BRADLEY 812x42
8	SOAP DISPENSER	REINSTALL SALVAGED DISPENSER
9	PAPER TOWEL DISPENSER	REINSTALL SALVAGED DISPENSER
10	SURFACE MOUNTED WASTE RECEPTACLE	BRADLEY 3565



ROOM FINISH SCHEDULE								NOTES
NO.	ROOM NAME	FLOOR		WALL FINISH				
		FINISH	BASE	NORTH	EAST	SOUTH	WEST	
151	LOBBY			PT-1	PT-1	PT-1	PT-1	
152	TOILET	CF-2	CF-3	PT-1	PT-1	PT-1	PT-1	
153	CORRIDOR	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	
154	RADIO ROOM	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	
154A	IT	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	
155	LT OFFICE	EXISTING	RB-1	EXISTING	EXISTING	EXISTING	EXISTING	PROVIDE NEW OAK TRIM BASE AT SOUTH WALL AND CLOSET WALLS TO MATCH EXISTING.
155A	CLOSET	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	
157	HALL	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	
159	SQUAD ROOM	EXISTING	RB-1	PT-1	PT-1	PT-1	PT-1	
164	CLOSET	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	

NOTES:
 1. SEE SPECIFICATIONS FOR ALL FINISH INFORMATION.



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ARCHITECT / ENGINEER SEAL

PROJECT: DELAWARE RIVER AND BAY AUTHORITY
 DRBA CONTRACT NO.
 INTERIOR RENOVATION AT THE
 DRBA POLICE DISPATCH
 1200 LINCOLN BLVD
 CAPE MAY, NJ 08204

REVISIONS

MARK	DESCRIPTION	DATE

SHEET TITLE

FINISH PLAN, ENLARGED PLANS AND ELEVATIONS

ISSUED FOR BIDDING
 MAY 20, 2022

DRAWN: KB/AB CHKD: AB/PG PROJECT NO: 20008

SHEET NO.

A-401

DOOR HARDWARE SCHEDULE

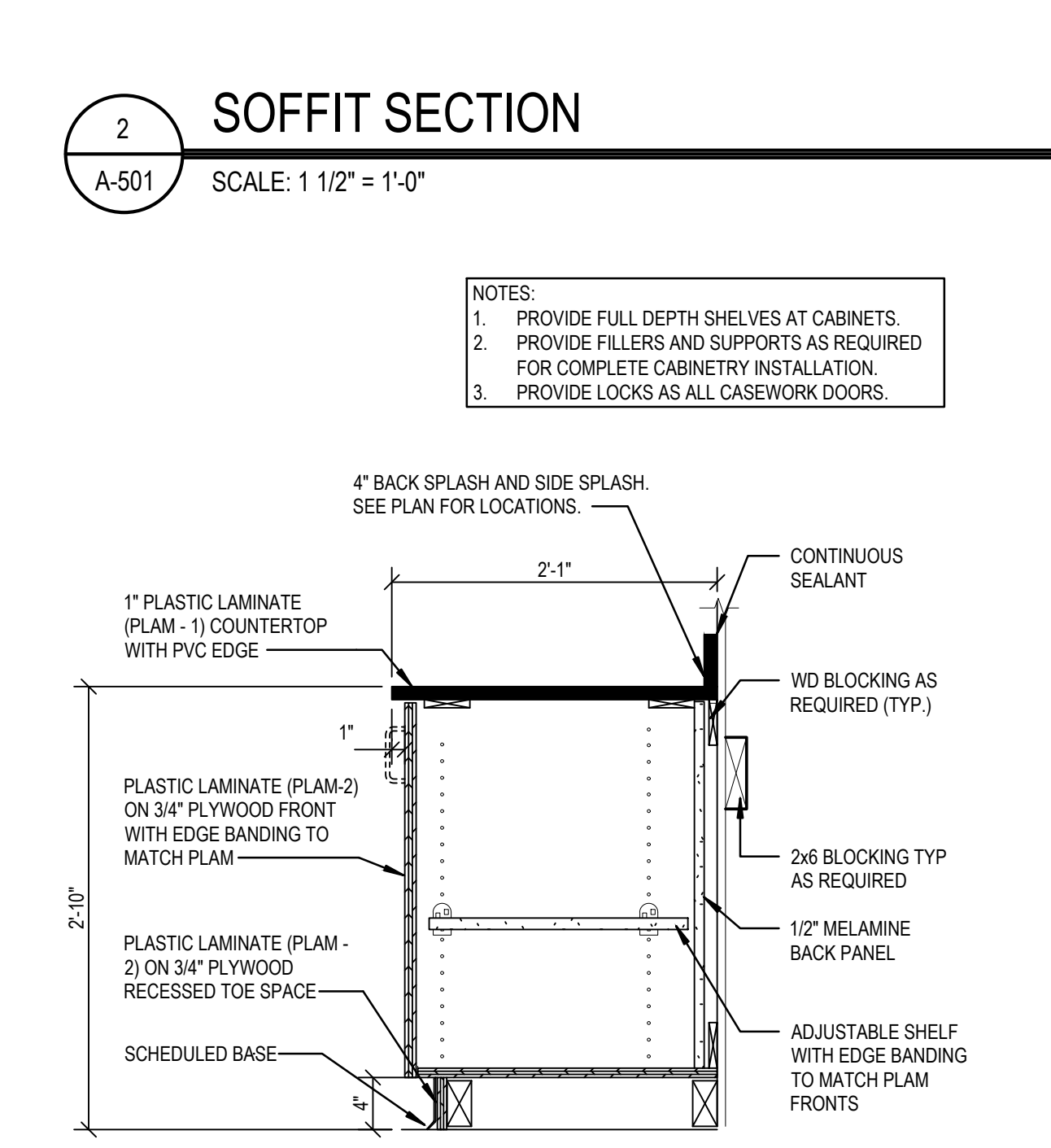
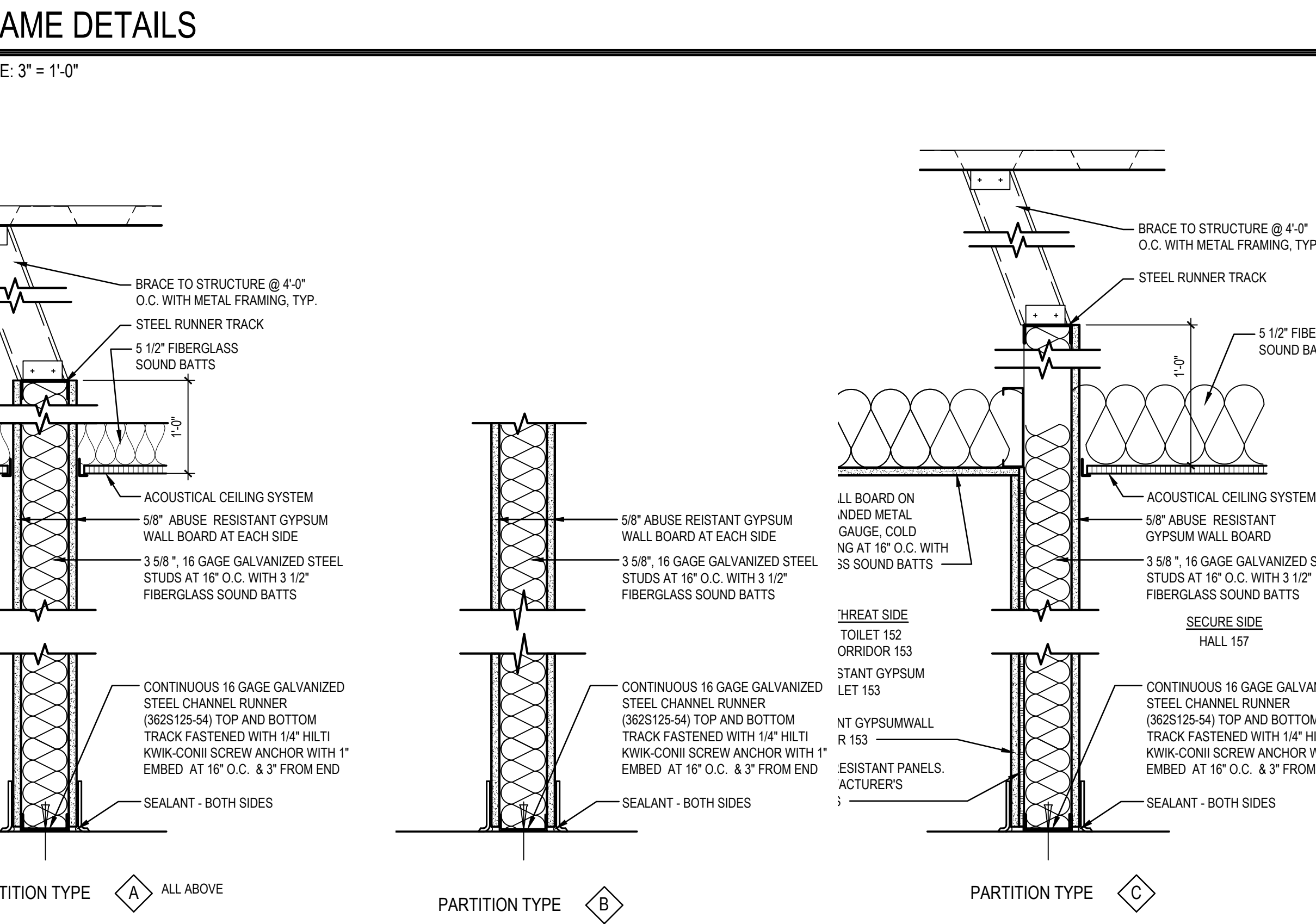
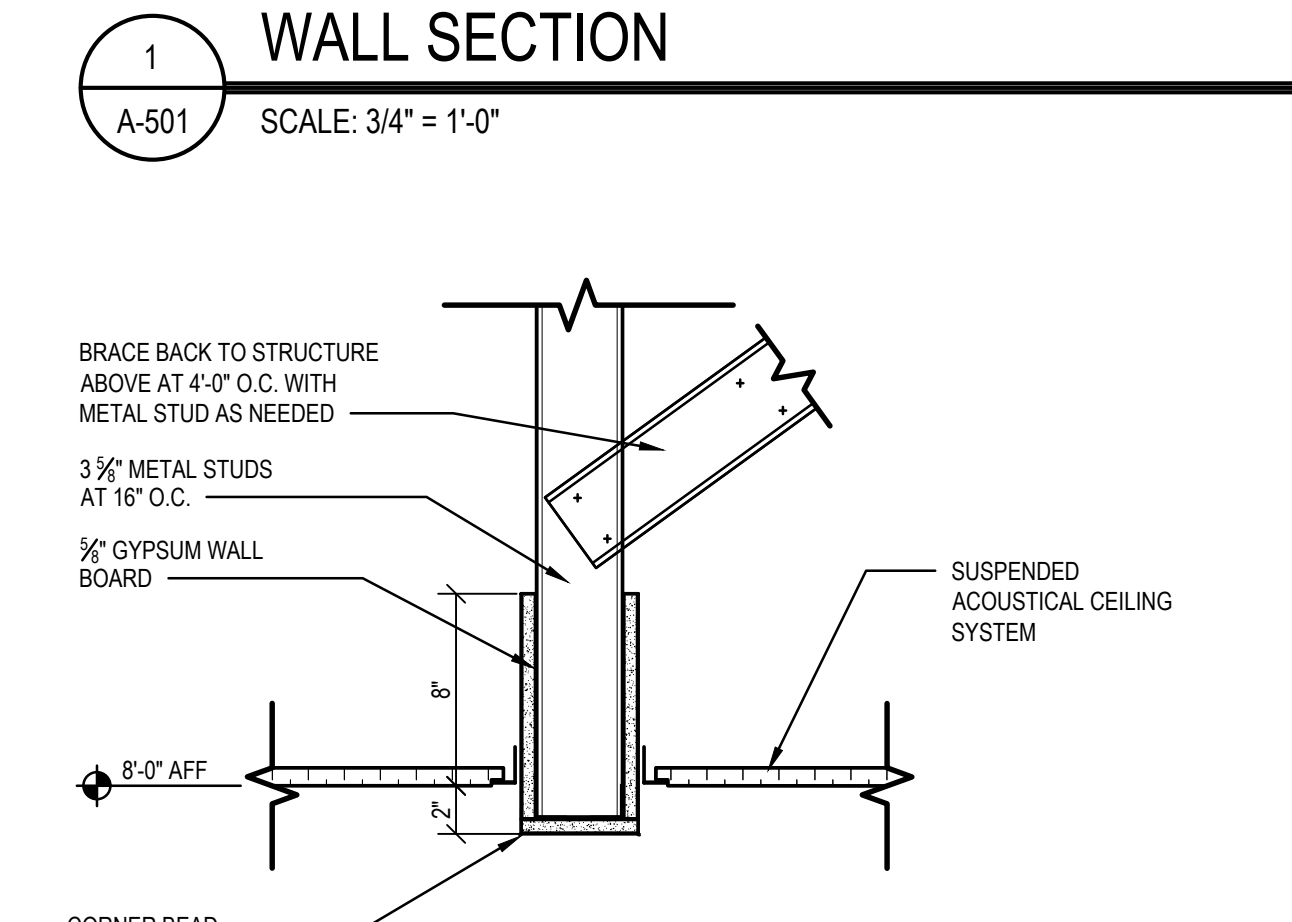
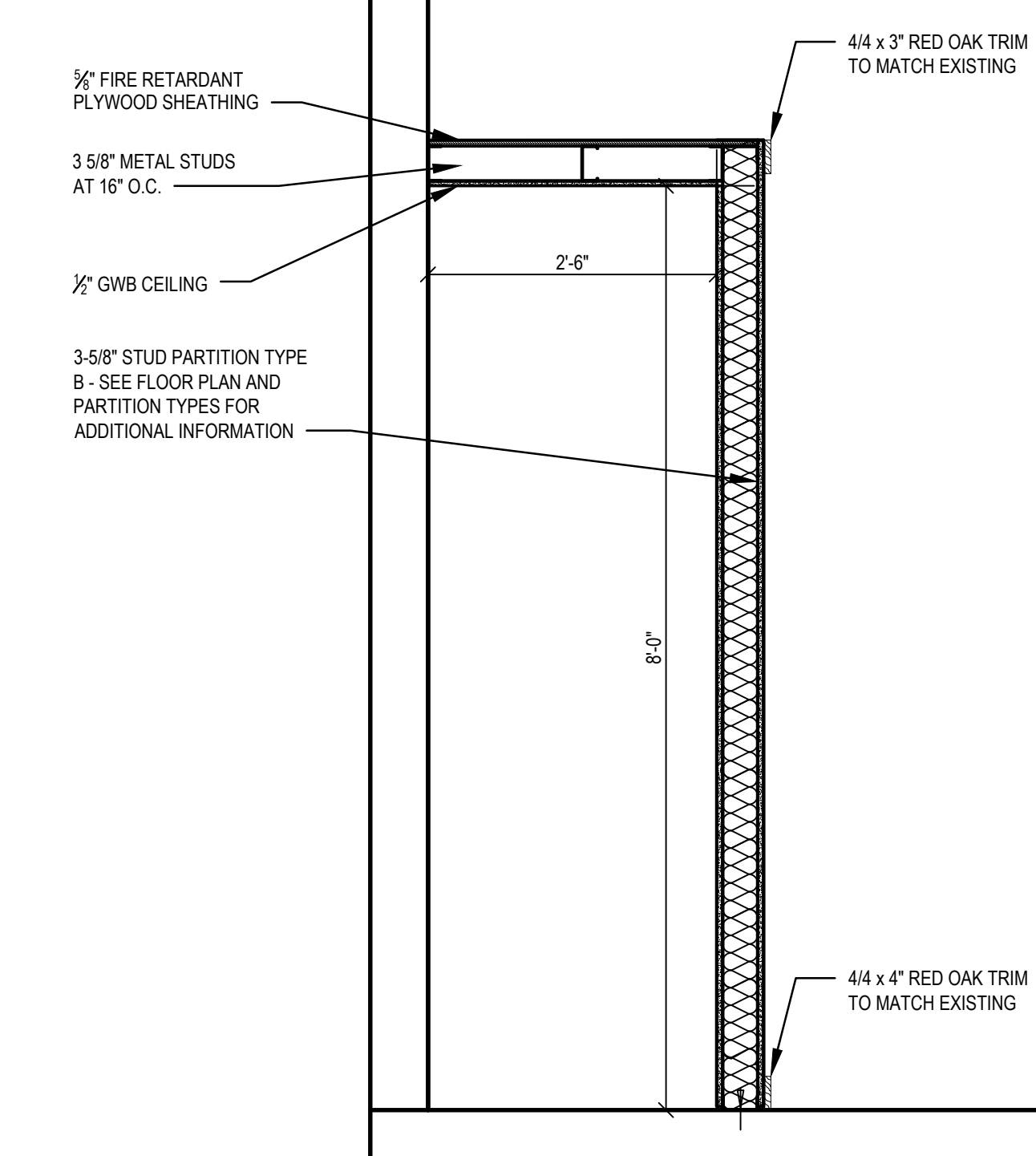
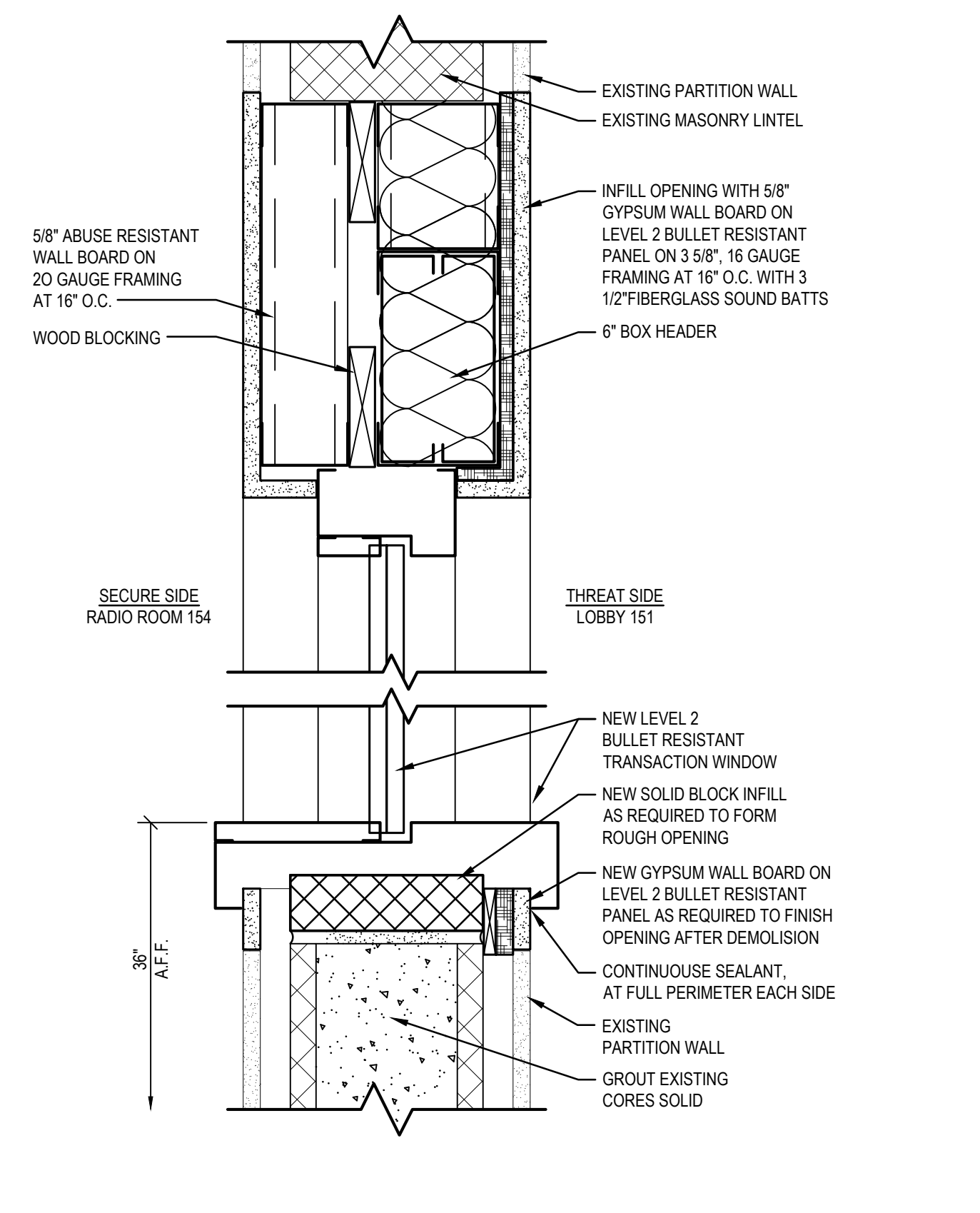
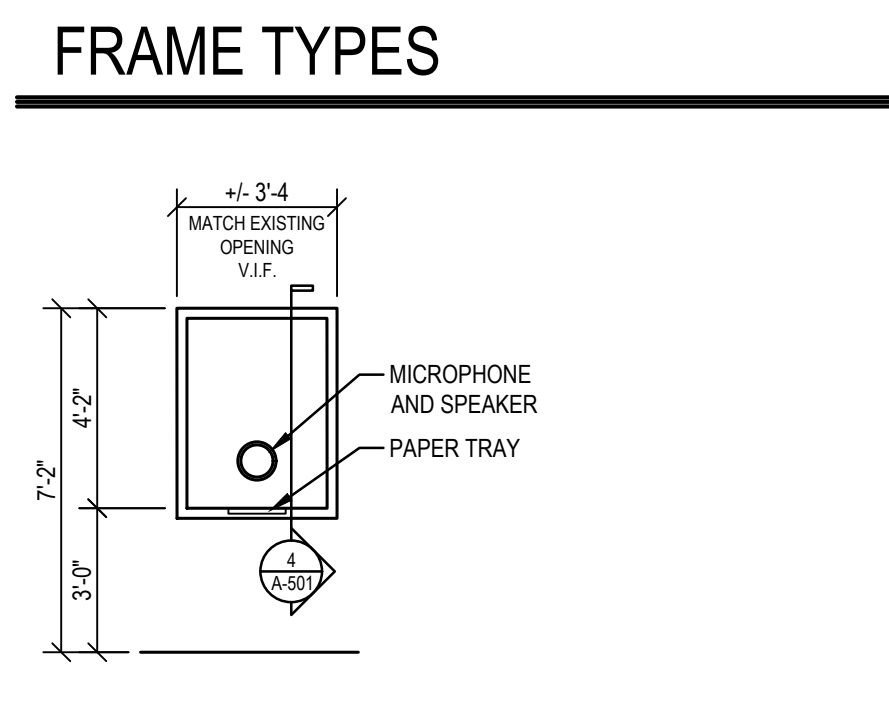
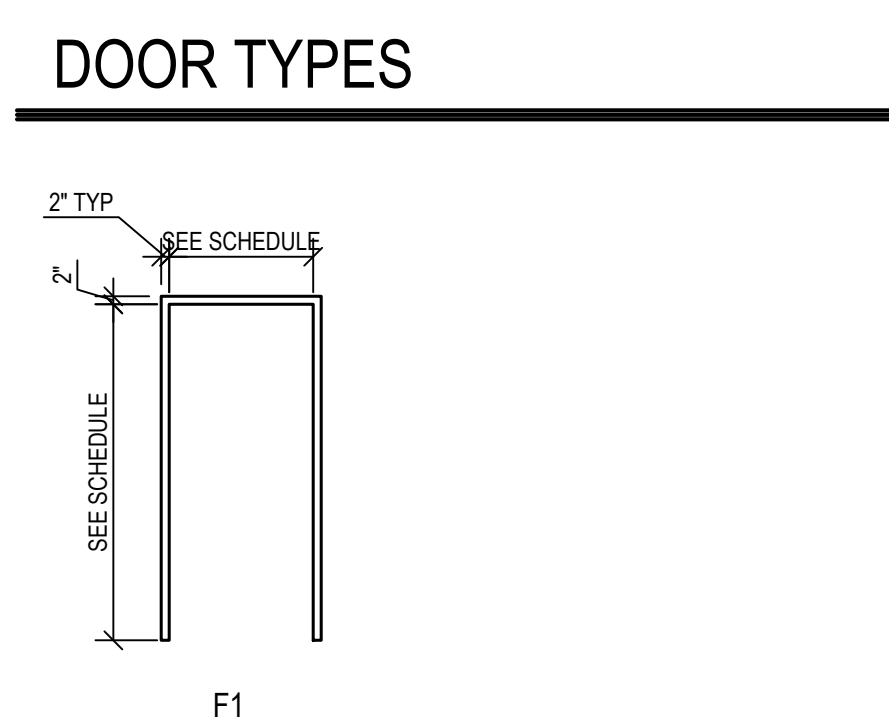
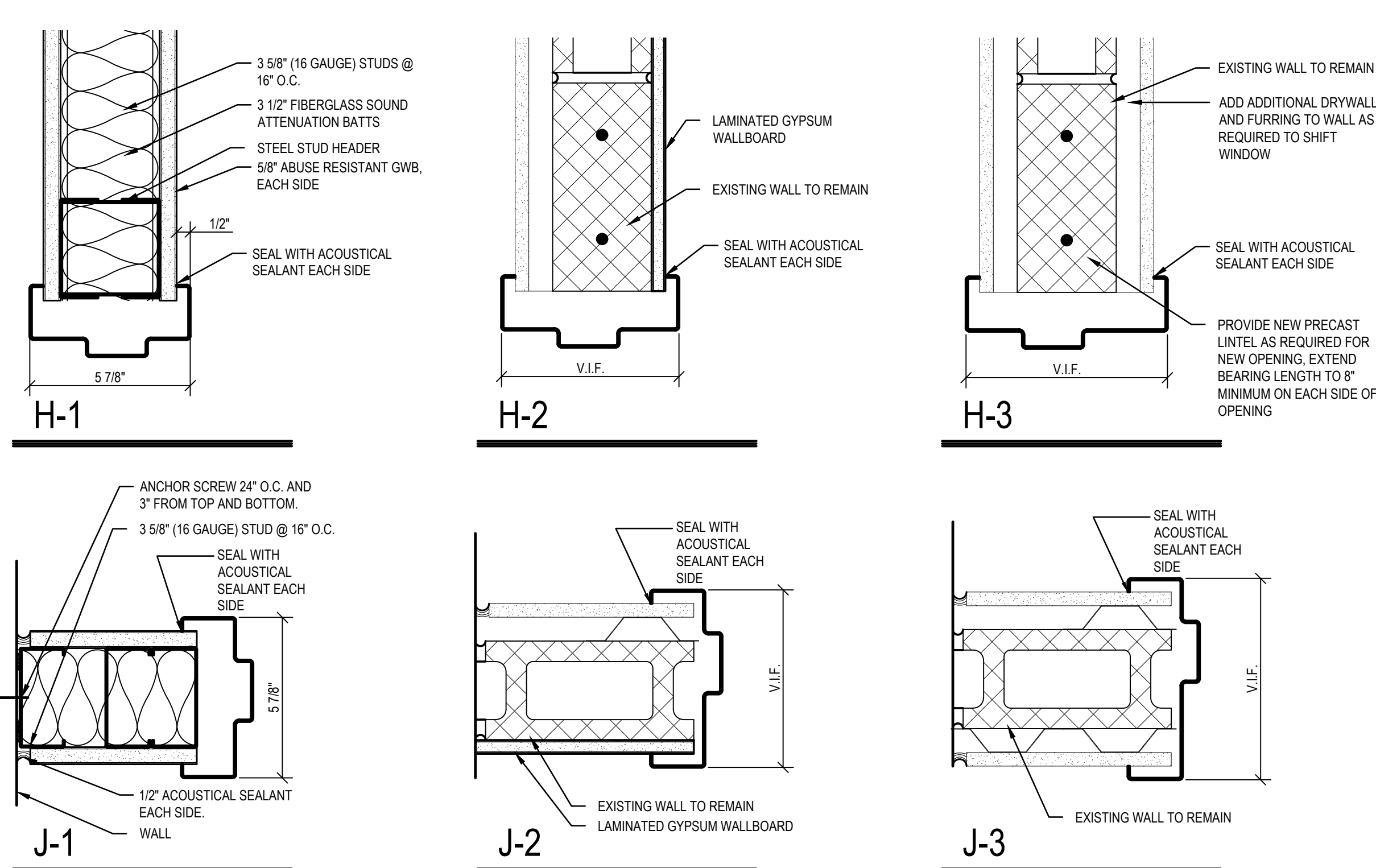
HARDWARE SET #1: SINGLE OFFICE DOOR				HARDWARE SET #2: SINGLE CLOSET DOOR				HARDWARE SET #3: SINGLE CORRIDOR DOOR WITH CARD READER				HARDWARE SET #4: BATHROOM DOOR				HARDWARE SET #5: SINGLE STORAGE DOOR			
QTY	DESCRIPTION			QTY	DESCRIPTION			QTY	DESCRIPTION			QTY	DESCRIPTION			QTY	DESCRIPTION		
3	HINGE 4.5 x 4.5 x NRP T443786		626	MCKINNEY	3	HINGE 4.5 x 4.5 x NRP T443786		626	MCKINNEY	3	HINGE 4.5 x 4.5 x NRP T443786		626	MCKINNEY	3	HINGE 4.5 x 4.5 x NRP T443786		626	MCKINNEY
1	OFFICE LOCKSET AUR-8808FL-2153		630	YALE	1	INTRUDER LOCKSET AUR-8808FL-2153		630	YALE	1	STOREROOM LOCKSET AUR-8808FL-2153		630	YALE	1	STOREROOM LOCKSET LV9080 06		626	SCHLAGE
1	WALL STOP WS401		630	IVES	1	WALL STOP WS401		630	IVES	1	WALL STOP WS401		630	IVES	1	WALL STOP WS401		630	IVES
3	SILENCERS 608-RKW		GRAY	ROCKWOOD	3	SILENCERS 608-RKW		GRAY	ROCKWOOD	3	SILENCERS 608-RKW		GRAY	ROCKWOOD	3	SILENCERS 608-RKW		GRAY	ROCKWOOD
1	6-PIN CORE (MATCH OWNER'S SYSTEM)		626	YALE	1	6-PIN CORE (MATCH OWNER'S SYSTEM)		626	YALE	1	6-PIN CORE (MATCH OWNER'S SYSTEM)		626	YALE	1	6-PIN CORE (MATCH OWNER'S SYSTEM)		626	YALE
1	CONSTRUCTION CORE		626	YALE	1	CONSTRUCTION CORE		626	YALE	1	CONSTRUCTION CORE		626	YALE	1	CONSTRUCTION CORE		626	YALE

HARDWARE NOTES:

- HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP W/ ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE. (ANSI A117.1-2009 SECTION 404.2.6)
- DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES SHALL BE 5 SECONDS MINIMUM. (ANSI A117.1-2009 SECTION 404.2.7.1)
- DOOR SPRING HINGES SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM. (ANSI A117.1-2009 SECTION 404.2.7.2)
- ALL LOCKS SHALL BE KEYPED TO EXISTING MASTER KEY. PROVIDE CONSTRUCTION CORES, FINAL CORES AND KEYS. COORDINATE TO ENSURE CORES AND KEYS ARE COMPATIBLE WITH OWNER'S KEYING SYSTEM.
- PROVIDE CONSTRUCTION AND FINAL CORES FOR ALL KEYPED DOORS.
- DOOR HARDWARE SETS PROVIDED REPRESENT THE DESIGN INTENT. THEY ARE ONLY A GUIDELINE AND SHOULD NOT BE CONSIDERED A DETAILED OR COMPLETE HARDWARE SCHEDULE. NECESSARY ITEMS THAT ARE NOT INCLUDED IN A HARDWARE SET SHOULD BE ADDED AND HAVE THE APPROPRIATE ADDITIONAL HARDWARE AS REQUIRED FOR PROPER APPLICATION AND FUNCTIONALITY.
- MANUFACTURER LISTED IS FOR BASIS OF DESIGN. ADDITIONAL MANUFACTURERS NEED TO BE APPROVED DURING THE BIDDING PROCESS FOR INCLUSION INTO THE PROJECT.
- PROVIDE DOOR HARDWARE ITEM(S) AS REQUIRED FOR SIMILAR PURPOSES, EVEN WHEN ITEM IS NOT LISTED FOR A DOOR IN DOOR HARDWARE SCHEDULE.
- DOOR HARDWARE SUPPLIER IS RESPONSIBLE FOR PROVIDING PROPER SIZE AND HAND OF DOOR FOR PRODUCTS REQUIRED IN ACCORDANCE WITH DOOR HARDWARE SCHEDULE AND AS INDICATED ON DRAWINGS.
- QUANTITIES LISTED ARE FOR EACH PAIR (PR) OF DOORS, OR FOR EACH SINGLE (SGL) DOOR, AS INDICATED IN HARDWARE SETS.
- HARDWARE SETS TYPICALLY IDENTIFY LOCKING AND CLOSING REQUIREMENTS TO ASSIST DOOR HARDWARE SUPPLIER WITH THIS BASIC CRITERIA.
- ALL ELECTRIC POWERED STRIKES, CARD READERS, DOOR RELEASE, POWER SUPPLIES AND COORDINATING HARDWARE WILL BE PROVIDED AND INSTALLED BY THE OWNER'S SECURITY CONTRACTOR. QUANTITIES NOTED ABOVE MAY VARY.

DOOR SCHEDULE

DOOR NUMBER	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR			FRAME			FIBERGLASS	FRAME DETAILS			REMARKS
				TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH		HEAD	JAMB	HARDWARE SET	
152	3'-0"	7'-0"	1 3/4"	F	WD	STAINED	F1	HM	PAINTED	0	H-2	J-2	4	LEVEL 2 BALLISTIC WOOD DOOR
153	3'-0"	7'-0"	1 3/4"	N	WD	STAINED	F1	HM	PAINTED	0	H-2	J-2	3	LEVEL 2 BALLISTIC WOOD DOOR
154	3'-0"	7'-0"	1 3/4"	F	WD	STAINED	F1	HM	PAINTED	0	H-1	J-1	1	
154A	3'-0"	7'-0"	1 3/4"	F	WD	STAINED	F1	HM	PAINTED	0	H-1	J-1	2	
155	3'-0"	7'-0"	1 3/4"	F	WD	STAINED	F1	HM	PAINTED	0	H-3	J-3	1	
155A	2'-0"	7'-0"	1 3/4"	F	WD	STAINED	F1	HM	PAINTED	0	H-1	J-1	2	
157	3'-0"	7'-0"	1 3/4"	N	WD	STAINED	F1	HM	PAINTED	0	H-1	J-1	3	LEVEL 2 BALLISTIC WOOD DOOR
164	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	0	ETR	ETR	ETR	

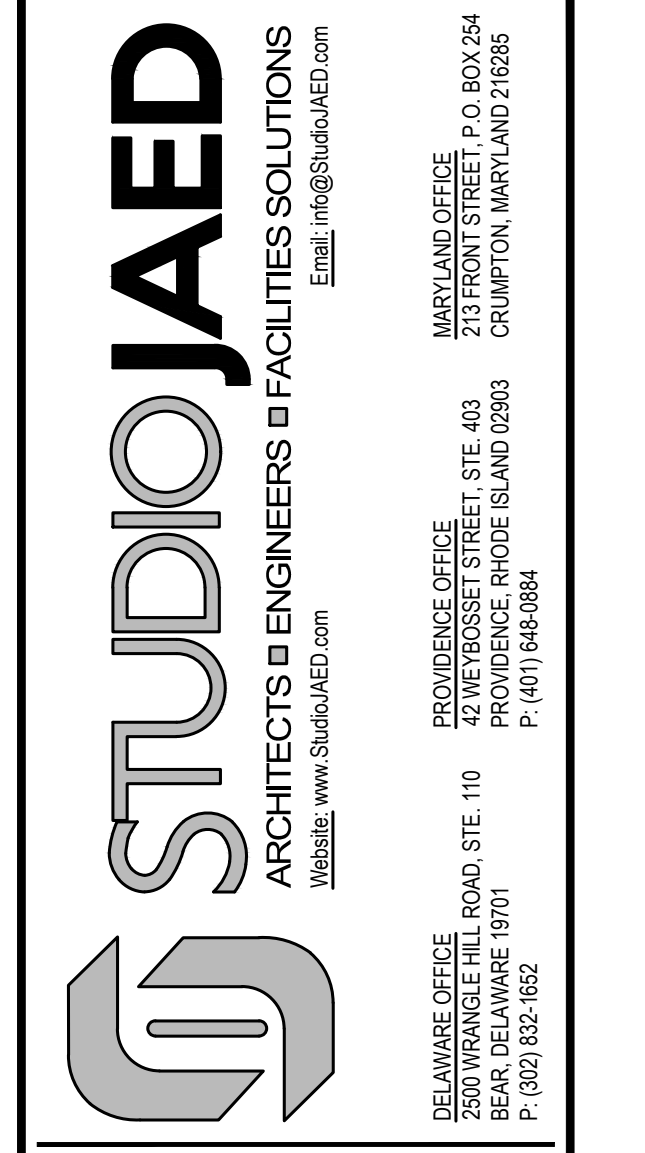


PARTITION TYPE

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

CASEWORK SECTION

SCALE: 1" = 1'-0"



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ARCHITECT / ENGINEER SEAL

DRBA CONTRACT NO. INTERIOR RENOVATION AT THE DRBA POLICE DISPATCH

1200 LINCOLN BLVD
 CAPE MAY, NJ 08204

REVISIONS

MARK	DESCRIPTION	DATE

SHEET TITLE

SCHEDULES AND DETAILS

ISSUED FOR BIDDING
 MAY 20, 2022
 DRAWN: KB/AB
 CHKD: AB/PG
 PROJECT NO.: 20008
 SHEET NO.: A-501

THE RECEIVER OF THESE PLANS BY ANY MEANS (COPY, REPRODUCTION, TRANSMISSION, OR OTHERWISE) WITHOUT THE WRITTEN CONSENT OF STUDIOJAED ARCHITECTS & ENGINEERS IS PROHIBITED. THE RECEIVER WILL BE RESPONSIBLE FOR ANY REPRODUCTION OR TRANSMISSION. THE RECEIVER WILL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE RECEIVER WILL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE RECEIVER WILL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

GENERAL NOTES

(APPLY TO WORK PROVIDED UNDER DIV. 20):

- GENERAL:** FURNISH LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE INSTALLATION OF THE COMPLETE MECHANICAL SYSTEMS AS SPECIFIED HEREIN AND INDICATED IN THE CONTRACT DOCUMENTS. OUTLINE DESCRIPTION AND DIAGRAMMATIC REPRESENTATION OF SYSTEM OPERATION AND EQUIPMENT DOES NOT LIMIT CONTRACTOR LIABILITY FOR FURNISHING AND INSTALLING COMPLETE AND OPERABLE SYSTEMS.
- APPLICABLE CODES:** THE INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE CODE OF THE LOCAL AUTHORITY HAVING JURISDICTION.
- NOTE DEFINITIONS:** "DRAWING NOTES" APPLY TO THE ENTIRE DRAWING ON WHICH THEY APPEAR. WHERE RELEVANT, "SPECIFIC NOTES" APPLY ONLY WHERE INDICATED WITH THE "SPECIFIC NOTE" SYMBOL. REFER TO LEGEND.
- DUCTWORK TO BE SHEET METAL UNLESS NOTED OTHERWISE.
- PROVIDE REQUIRED CLEARANCE FOR MAINTENANCE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS OR AS REQUIRED BY CODE FOR MECHANICAL EQUIPMENT.
- VERIFY THAT EXISTING EQUIPMENT THAT IS TO REMAIN IS FULLY FUNCTIONAL AND OPERATIONAL.
- PERMITS:** INCLUDE IN THE BID PRICE THE PAYMENT OF NECESSARY PERMITS. FURNISH THE OWNER PRIOR TO THE FINAL PAYMENT A CERTIFICATE FROM THE INSPECTION DEPARTMENT HAVING JURISDICTION CERTIFYING THAT THE WORK MEETS THE REQUIREMENTS OF THE LOCAL INSPECTION AUTHORITIES AND/OR THE NATIONAL BOARD OF FIRE UNDERWRITERS.
- SCHEDULING:** COORDINATE WITH THE OWNER FOR SCHEDULING OF WORK.
- WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
- KEEP THE WORK SITE AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH GENERATED BY WORK FROM THIS CONTRACT. PROPERLY AND LEGALLY DISPOSE OF MATERIALS.
- SAFETY:** JOB SITE SAFETY SHALL BE IN STRICT ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- VISIT THE SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS THAT MAY AFFECT THE BID.
- EXISTING MECHANICAL INSTALLATION:** EXISTING MECHANICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER MECHANICAL ITEMS RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED.
- WHERE EXISTING MECHANICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONNECTED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH NEW WORK AS INDICATED IN THE CONTRACT DOCUMENTS AND AS SPECIFIED.
- DO NOT DISCONTINUE ANY MECHANICAL SYSTEM SERVICE WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE USER AGENCY. THE MECHANICAL SYSTEM OUTAGES SHALL BE KEPT TO A MINIMUM.
- PROVIDE SUBMITTALS (SHOP DRAWINGS) FOR REVIEW FOR NEW MATERIALS AND EQUIPMENT. PRIOR TO SUBMITTING, REVIEW SUBMITTALS FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, CONFLICTS WITH OTHER TRADES, AND CONSTRUCTABILITY. IDENTIFY ANY DEVIATIONS IN SUBMITTALS FROM CONTRACT DOCUMENTS. ENGINEER'S REVIEW OF SUBMITTALS DOES NOT INCLUDE REVIEW OF DIMENSIONS, DETAILS, OR QUANTITIES. REVIEW DOES NOT WAIVE ANY REQUIREMENTS OF CONTRACT DOCUMENTS, INCLUDING REQUIREMENT TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.
- WHEN MOUNTING MECHANICAL WORK IN AREAS SUBJECT TO PEDESTRIAN TRAFFIC, MAINTAIN REQUIRED HEADROOM CLEARANCES.
- MECHANICAL MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS TO MAINTAIN THEIR RESPECTIVE UL RATING AND SHALL CONFORM TO FACTORY MUTUAL STANDARDS AS APPLICABLE.
- MECHANICAL WORK SHALL BE CONCEALED IN FINISHED AREAS SHOWN ON THE ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE.
- EQUIPMENT LOCATIONS:** REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIFFUSER LOCATIONS AND THE ELECTRICAL DRAWINGS FOR EXACT ELECTRICAL EQUIPMENT LOCATIONS. LOCATIONS OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING ARE SHOWN DIAGRAMMATICALLY. DETERMINE EXACT LOCATIONS IN THE FIELD.
- WHERE NEW OR RELOCATED CONTROL DEVICES ARE SHOWN ON EXISTING WALLS, CUT WALL, INSTALL DEVICE AND CONDUIT, AND REPAIR WALL PROPERLY TO ITS ORIGINAL CONDITION.
- SEALING FITTINGS AND APPROVED SEALING COMPOUND SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODE. SEAL AROUND PENETRATIONS OF FIRE-RATED WALLS WITH AN APPROVED SEALANT.
- LOCATIONS OF DUCTWORK, AIR DEVICES, TEMPERATURE CONTROLS, AND EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECTURAL LAYOUTS, EQUIPMENT CUTS AND PLUMBING/ELECTRICAL PLANS. NO WORK SHALL BE INSTALLED UNTIL THE LOCATIONS HAVE BEEN VERIFIED. BRING ANY DISCREPANCY TO THE ARCHITECTS ATTENTION PRIOR TO MANUFACTURING OF DUCTWORK OR INSTALLATION.
- NORTH ARROWS ON THESE DRAWINGS INDICATE PLAN NORTH ONLY.
- INSTALL A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT THAT RUNS TO (1) AIR DEVICE.
- PROVIDE PIPE SLEEVE FOR PIPING PENETRATIONS THROUGH RATED SLABS OR WALLS.
- DUCT JOINTS SHALL BE SEALED USING 3M MODEL 540 DUCT SEALER. EXCESS SEALER SHALL BE REMOVED FROM DUCTWORK AND JOINTS. PAINT SEALED JOINTS TO MATCH FINISH OF DUCTWORK.
- IN AREAS WHERE WORK IS INSTALLED IN CLOSE PROXIMITY TO WORK OF OTHER TRADES OR WITHIN TRADES COVERED BY THIS DIVISION OF THE SPECIFICATIONS, PREPARE LARGER SCALE DRAWINGS CONSISTING OF PLANS AND SECTIONS TO SHOW HOW WORK IS TO BE INSTALLED IN RELATION TO WORK OF OTHER TRADES.

GENERAL DEMOLITION NOTES

(APPLY TO WORK PROVIDED UNDER DIVISION 20):

- DEMOLITION WORK IS GENERALLY INDICATED AS PART OF THESE NOTES AND THE NOTES INDICATED ON THE ARCHITECTURAL DEMOLITION PLANS.
- VERIFY THAT EXISTING PIPING, EQUIPMENT, ETC. THAT IS CALLED FOR REMOVAL IS NO LONGER IN SERVICE BEFORE BEGINNING DEMOLITION.
- THE DEMOLITION NOTES INDICATE THE MAIN COMPONENTS OF SYSTEMS AND EQUIPMENT THAT SHALL BE REMOVED UNDER THIS CONTRACT. IF SYSTEMS AND EQUIPMENT ARE FOUND DURING CONSTRUCTION THAT THE OWNER AUTHORIZES FOR REMOVAL BUT HAVE NOT BEEN SPECIFICALLY CALLED FOR DEMOLITION, REMOVE THE SYSTEMS AND EQUIPMENT.
- WHEN THE WORK SPECIFIED HEREUNDER CONNECTS TO ANY EXISTING EQUIPMENT, PIPING, ETC., PERFORM NECESSARY ALTERATIONS, CUTTING, FITTING, ETC. OF THE EXISTING WORK AS MAY BE NECESSARY OR REQUIRED TO MAKE SATISFACTORY CONNECTIONS BETWEEN THE NEW AND EXISTING WORK AND LEAVE THE COMPLETE WORK IN A FINISHED AND WORKMANLIKE CONDITION.
- WHEN THE WORK SPECIFIED UNDER OTHER DIVISIONS NECESSITATES RELOCATION OF EXISTING EQUIPMENT, PIPING, ETC., PERFORM WORK AND MAKE NECESSARY CHANGES TO EXISTING WORK AS MAY BE REQUIRED TO LEAVE THE COMPLETED WORK IN A FINISHED AND WORKMANLIKE CONDITION.
- REMOVE FROM THE PREMISES AND DISPOSE OF EXISTING PIPING, MATERIAL, FIXTURES, EQUIPMENT, ETC. NOT REQUIRED FOR RE-USE OR RE-INSTALLATION.
- DELIVER ON THE PREMISES WHERE DIRECTED EXISTING MATERIAL AND EQUIPMENT WHICH IS REMOVED AND IS DESIRED BY THE OWNER OR IS INDICATED TO REMAIN THE PROPERTY OF THE OWNER.
- OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES.
- PIPING ABANDONED IN CONCRETE SLABS, WALLS, OR OTHER INACCESSIBLE LOCATIONS SHALL BE LEFT EMPTY.

COMMON CONTROLS NOTES:

- ALL MECHANICAL SYSTEM CONTROLS COMPONENTS AND SEQUENCES SHALL BE COORDINATED AND INTEGRATED WITH THE EXISTING JCI METASYS BUILDING MANAGEMENT SYSTEM.
- PROVIDE ALL NECESSARY WIRING, CONTROLS COMPONENTS, EQUIPMENT, SOFTWARE MODIFICATIONS, AND POWER TRANSFORMERS REQUIRED FOR A FULLY FUNCTIONING, LOCAL STAND-ALONE SYSTEM OPERATION, WITH CENTRAL JCI METASYS BAS SYSTEM MONITORING, AND CONTROLS OVERRIDE CAPABILITY.

HVAC CONTROL SEQUENCES:

- EXHAUST FAN: (EF-8)
 - DURING OCCUPIED PERIODS EF-8 IS TO BE ENERGIZED AND RUNNING CONTINUOUSLY.
 - DURING UNOCCUPIED PERIODS EF-8 IS TO BE OFF.
- ELECTRIC BASEBOARD HEATERS: (EBH-1)
 - LOCAL WALL MOUNTED THERMOSTAT IS TO CONTROL UNIT TO MAINTAIN A SPACE TEMPERATURE OF 68 DEGREES F (ADJUSTABLE).
- SPLIT SYSTEM: (ACU-1/ ACCU-1)
 - SYSTEM IS TO CYCLE PER THE MANUFACTURER PROVIDED CONTROLS BASED ON A SIGNAL FROM A WALL MOUNTED THERMOSTAT TO MAINTAIN A SPACE TEMPERATURE SET POINT OF 72 DEGREE F (ADJUSTABLE).

BAS MONITORING AND CONTROL:

- PROVIDE EF-8 WITH MONITORING AND CONTROL FOR THE FOLLOWING:
 - FAN ON/OFF
- PROVIDE ACU-1/ ACCU-1 WITH MONITORING AND CONTROL FOR THE FOLLOWING:
 - UNIT ON/OFF
 - SPACE TEMPERATURE SETPOINT (ADJUSTABLE)
 - SPACE TEMPERATURE (MONITORING AND HIGH TEMP. ALARM ONLY)

MECHANICAL LEGEND

SYMBOL	ABBREV	DESCRIPTION	ABBREV	DESCRIPTION
	CT	COOLING TOWER WATER SUPPLY	ABV	ABOVE
	CTR/CTWR	COOLING TOWER WATER RETURN	AFF	ABOVE FINISHED FLOOR
	C	CONDENSER WATER SUPPLY	AHU	AIR HANDLING UNIT
	CR	CONDENSER WATER RETURN	BTU	BRITISH THERMAL UNIT
		FLOW METER FITTING	CB	CATCH BASIN
		REDUCED PRESSURE ZONE BACKFLOW PREVENTER	CFH	CUBIC FEET HOUR
	TP	TRAP PRIMER	CFM	CUBIC FEET MINUTE
		RELIEF VALVE	CL	CENTER LINE
	MAV	MANUAL AIR VALVE	CT	COOLING TOWER
	AAV	AUTOMATIC AIR VALVE	CTW	COOLING TOWER WATER
		STRAINER W/VALVE	CW	COLD WATER
		UNION	DIFF	DIFFUSER
	SA	SHOCK ABSORBER	DB	DRY BULB
		FLOW SWITCH	DN	DOWN
		THERMOMETER/THERMOSTAT	EAT	ENTERING AIR TEMPERATURE
		THERMOMETER WELL	EBH	ELECTRIC BASEBOARD HEATER
		PRESSURE GAUGE W/ SYPHON & NEEDLE VALVE	EF	EXHAUST FAN
		PRESSURE GAUGE W/NEEDLE VALVE	ESP	EXTERNAL STATIC PRESSURE
	PG	PRESSURE GAUGE TAPPING	EL	ELEVATION
		PIPE GUIDE	EX/EXIST.	EXISTING
		ANCHOR	EXH	EXHAUST
	TCV	TEMPERATURE CONTROL VALVE (2-WAY)	EXTR	EXISTING TO REMAIN
	TCV	TEMPERATURE CONTROL VALVE (3-WAY)	FBR	FIN TUBE BASEBOARD RADIATION
		STEAM TRAP ASSEMBLY (THERMODYNAMIC)	(FLOOR PLAN M-1)	PLAN ON DRAWING M-1
		DRIP POINT	GR	GRILLE
		BUCKET TRAP	GPM	GALLONS PER MINUTE
	F&T	FLOAT AND THERMOSTATIC TRAP	HWS	HOT WATER SUPPLY
		FLEXIBLE PIPE CONNECTION	HWR	HOT WATER RETURN
		OS&Y VALVE W/ TAMPER SWITCH	HUH	HYDRONIC UNIT HEATER
		SHUTOFF VALVE	LAT	LEAVING AIR TEMPERATURE
		CHECK VALVE	LVR	LOUVER
	BWV	BACK WATER VALVE	KW	KILOWATTS
	PRV	PRESSURE REDUCING VALVE	MBH	THOUSAND BTU/HR
		PIPE TURNING UP	OA	OUTSIDE AIR
		PIPE TURNING DOWN	PD	PRESSURE DROP
		TEE TURNING UP	PSI	POUNDS PER SQUARE INCH
		TEE TURNING DOWN	RA	RETURN AIR
		THERMOSTAT	REG	REGISTER
		SUPPLY DUCT TURNED UP	RX	REMOVE EXISTING
		SUPPLY DUCT TURNED DOWN	SA	SUPPLY AIR
		RETURN OR OUTSIDE AIR DUCT TURNED UP	TSP	TOTAL STATIC PRESSURE
		RETURN OR OUTSIDE AIR DUCT TURNED DOWN	TYP	TYPICAL
		EXHAUST AIR DUCT TURNED UP	V-PH	VOLT-PHASE
		EXHAUST AIR DUCT TURNED DOWN	VTR	VENT THROUGH ROOF
		FLEXIBLE DUCT CONNECTION	UG	UNDER GROUND
	DD	DUCT SMOKE DETECTOR	UH	UNIT HEATER
	MVD	MANUAL VOLUME DAMPER		
	MOD	MOTOR OPERATED DAMPER		EXTENT OF NEW WORK
	SD	SMOKE DAMPER		EXTENT OF DEMOLITION
	FD	FIRE DAMPER		AREA TO BE DEMOLISHED
	BDD	BACKDRAFT DAMPER		
	OBD	OPPOSED BLADE DAMPER		
		MATCH LINE		
		PIPING BELOW GRADE		
		SECTION DESIGNATION		
		DETAIL DESIGNATION		



DELAWARE RIVER AND BAY AUTHORITY
CAPE MAY – LEWES FERRY

CONTRACT NO. CMLF-C19-06
TERMINAL POLICE AND ADMINISTRATION
BUILDING – DISPATCH CENTER REHAB

GENERAL NOTES
SYMBOLS AND
ABBREVIATIONS

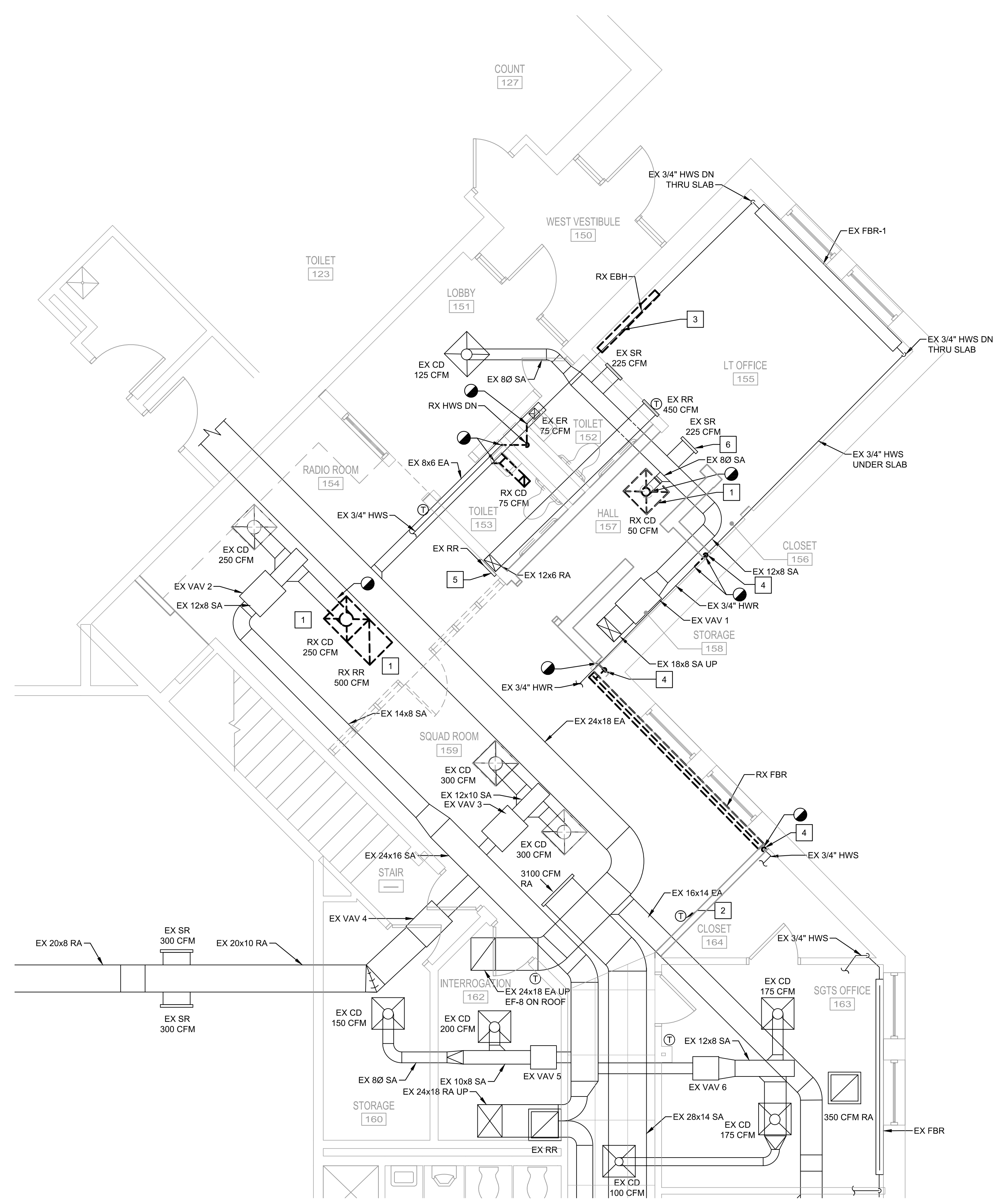
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DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 9

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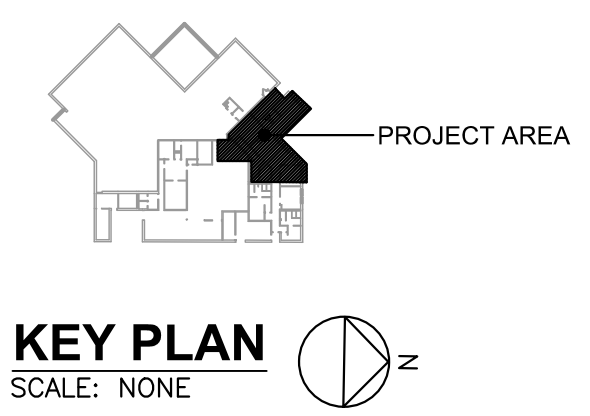
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1 HVAC DEMOLITION PLAN
 M-100 SCALE: 1/4" = 1'-0"

DEMOLITION WORK SHALL BE DONE IN PHASES.
 COORDINATE WORK WITH NEW INSTALLATIONS.



SPECIFIC DEMOLITION NOTES (APPLY TO THIS DRAWING WHERE INDICATED):

- 1 REMOVE RETURN REGISTER/CEILING DIFFUSER, CLEAN, AND RETAIN FOR REINSTALLATION AS PART OF NEW WORK. DEMOLISH AND REPLACE ANY FLEXIBLE DUCTWORK.
- 2 EXISTING THERMOSTAT TO BE REMOVED AND REINSTALLED.
- 3 DISCONNECT AND REMOVE EXISTING ELECTRIC BASEBOARD HEATER AND SAVE FOR REINSTALLATION.
- 4 REMOVE HW PIPE RISER.
- 5 EXISTING REGISTER ABOVE CEILING IN PLENUM.
- 6 REMOVE THERMOSTAT AND STORE FOR REINSTALLATION AS PART OF NEW WORK.



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 BUILDING - DISPATCH CENTER REHAB

HVAC DEMOLITION PLAN

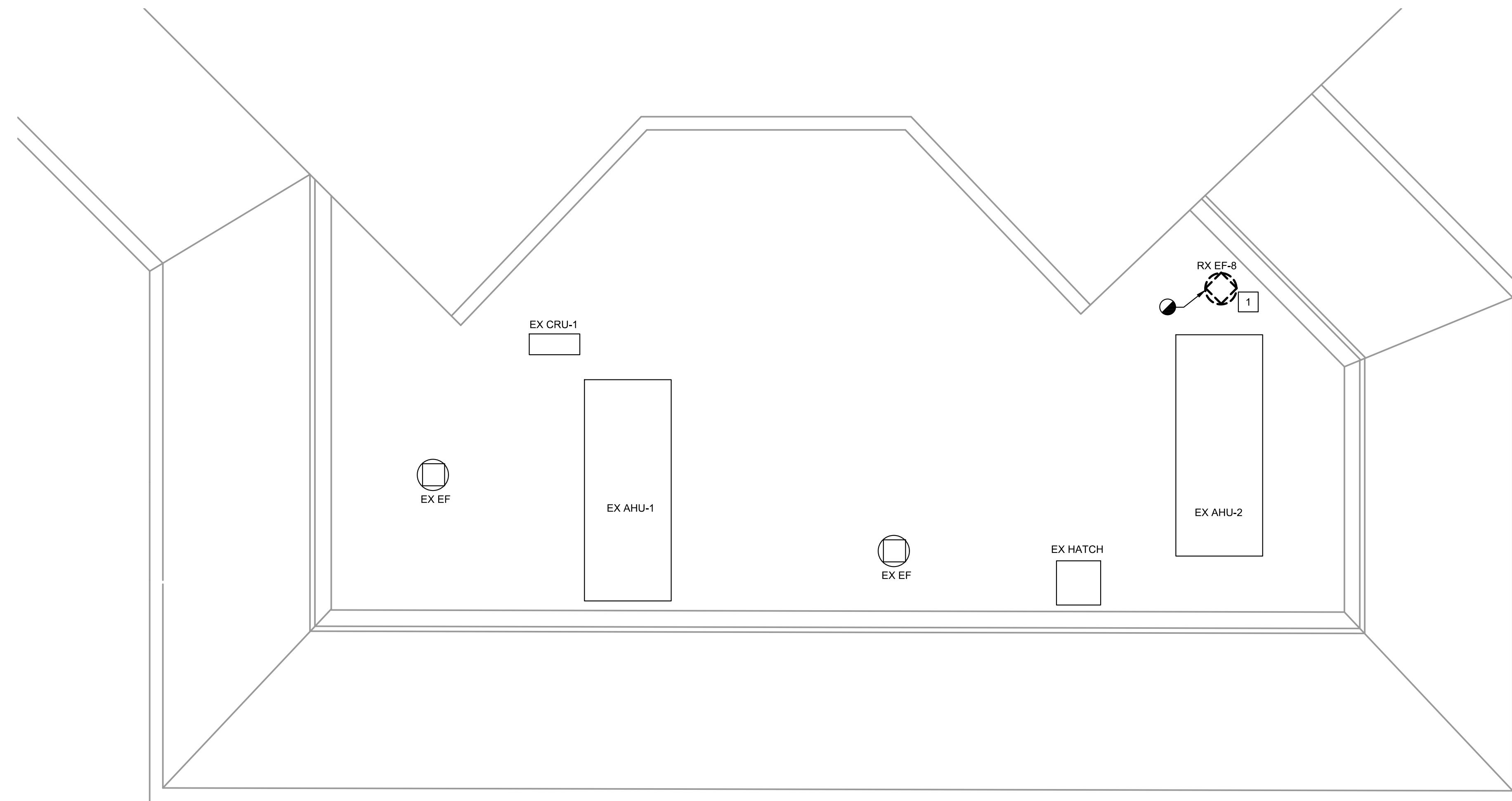
M-100

DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 10

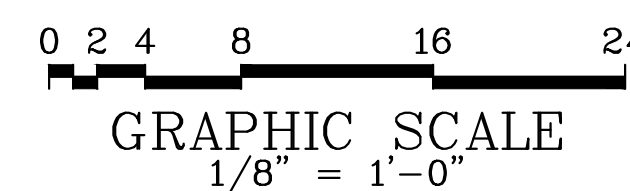
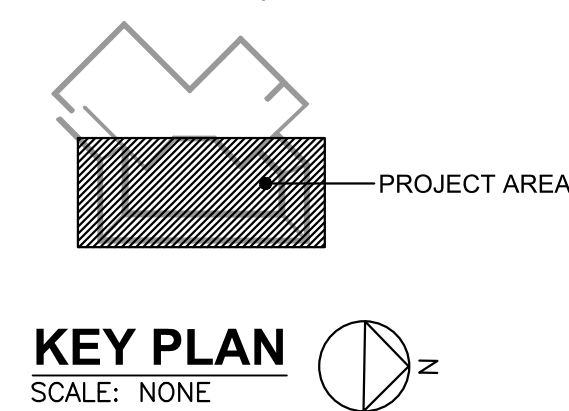


SPECIFIC NOTES (APPLY TO THIS DRAWING WHERE INDICATED):

- 1 REMOVE EXHAUST FAN AND REPAIR ROOF CURB AS REQUIRED.



1 ROOF HVAC DEMOLITION PLAN
 W-101 SCALE: 1/8" = 1'-0"



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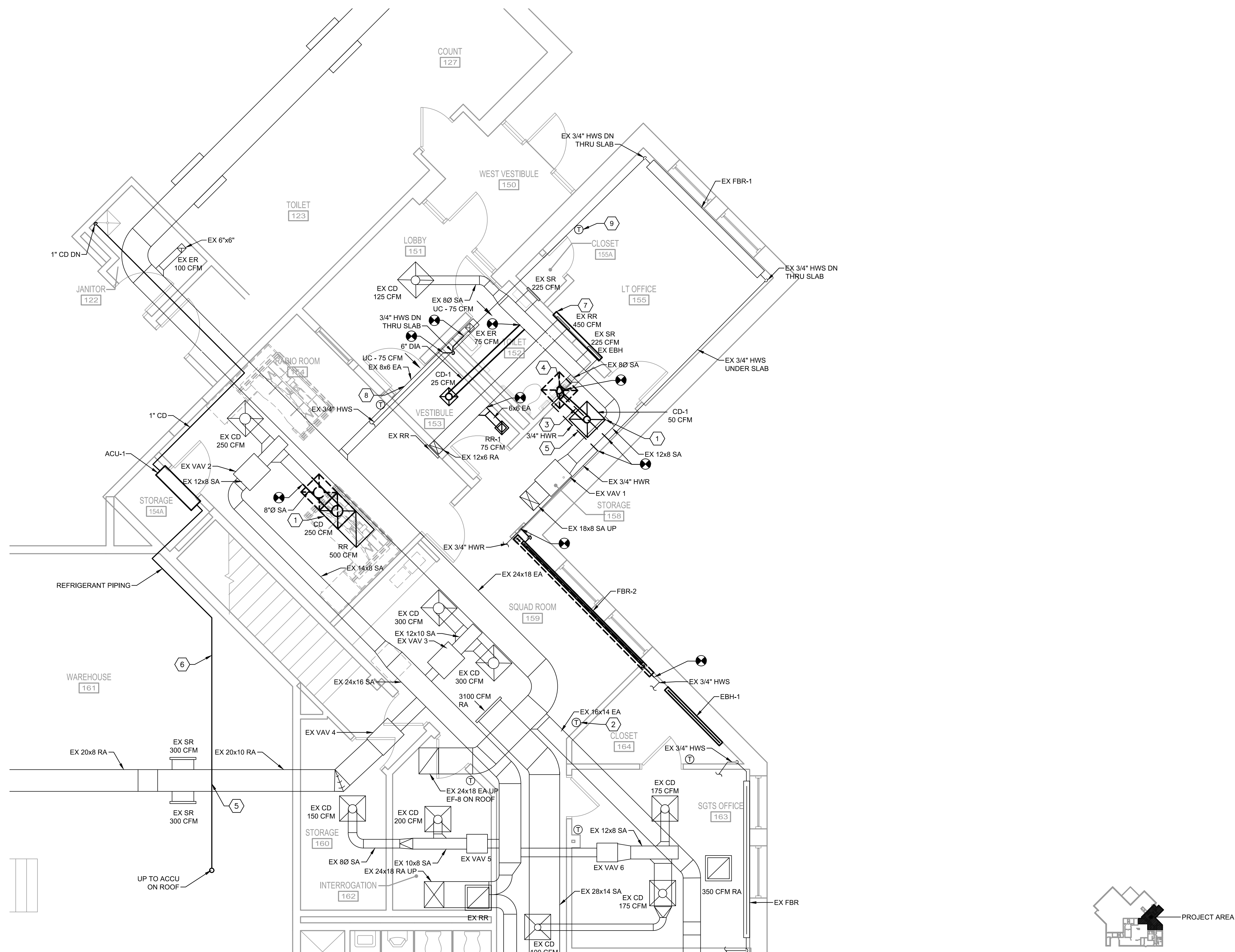
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CONTRACT NO. CMLF-C19-06 TERMINAL POLICE AND ADMINISTRATION BUILDING – DISPATCH CENTER REHAB		
ROOF HVAC DEMOLITION PLAN		M-101
DATE: MAY 2022	SCALE: AS NOTED	SHEET NO. 11

DRAWING NOTES:

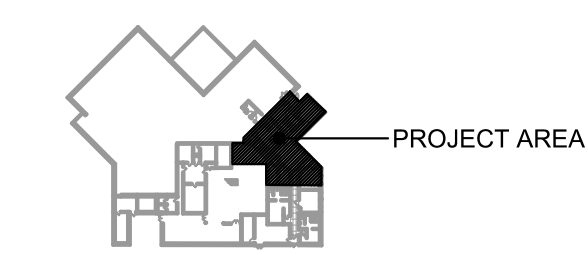
- 1. SEAL WALL PIPE PENETRATIONS.

SPECIFIC NOTES: (APPLY TO THIS DRAWING WHERE INDICATED):

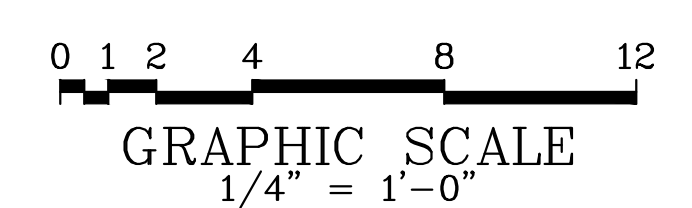
- ① REINSTALL EXISTING AIR DEVICE AT THIS LOCATION.
- ② REINSTALL EXISTING THERMOSTAT WITH VAV BOX.
- ③ 3/4" HWR WITH INSULATION ROUTED UNDER SLAB. CUT AND PATCH FLOOR AS REQUIRED. COORDINATE WITH OTHER DISCIPLINES.
- ④ 3/4" HWR DROP DOWN THRU SLAB IN WALL.
- ⑤ COORDINATE PIPE ROUTING WITH DUCTWORK.
- ⑥ SUSPEND REFRIGERANT PIPING FROM STRUCTURE. COORDINATE ROUTING WITH EXISTING CONDITIONS.
- ⑦ REINSTALL AND RECONNECT EXISTING ELECTRIC BASEBOARD HEATER
- ⑧ PATCH AND SEAL EXHAUST DUCT AT REMOVED BRANCH.
- ⑨ REINSTALL THERMOSTAT.



1 HVAC PLAN
M-110 SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: NONE



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BUILDING – DISPATCH CENTER REHAB

HVAC PLAN

M-110

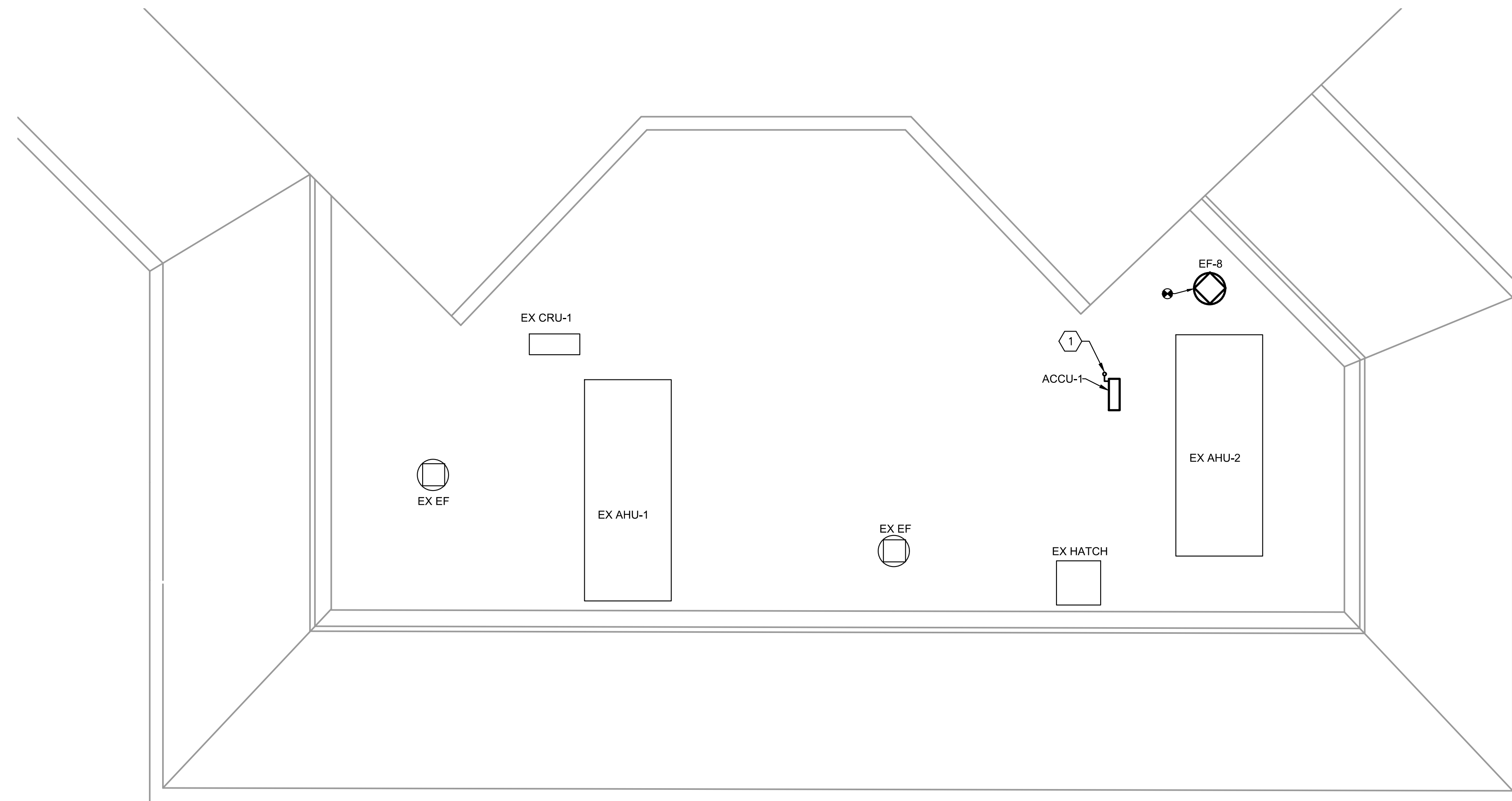
DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 12

DRAWING NOTES:

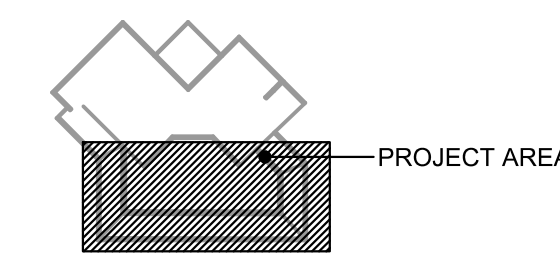
1. COORDINATE WORK WITH OTHER TRADES AND EXISTING CONDITIONS
2. REFRIGERANT PIPING IS TO BE INSULATED WITH JACKETING SEALED WEATHER TIGHT.

SPECIFIC NOTES: (APPLY TO THIS DRAWING WHERE INDICATED):

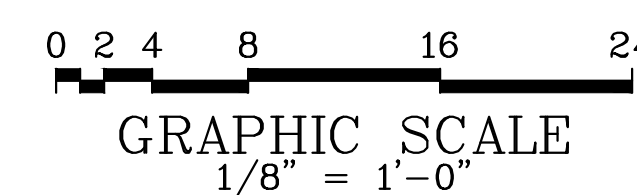
- ① REFRIGERANT PIPING ROOF PENETRATION.



① **ROOF HVAC PLAN**
 M-111 SCALE: 1/8" = 1'-0"



KEY PLAN
 SCALE: NONE

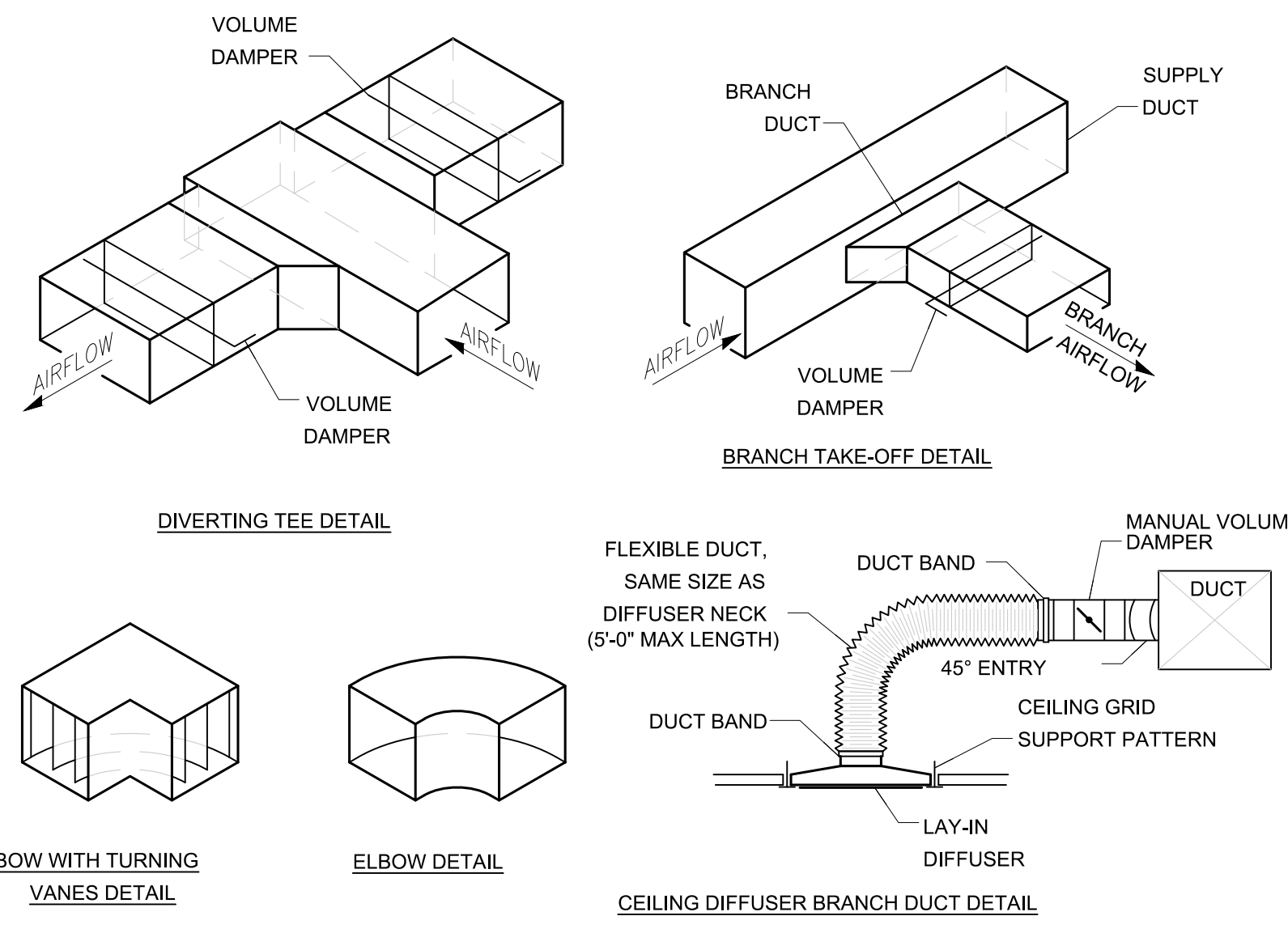


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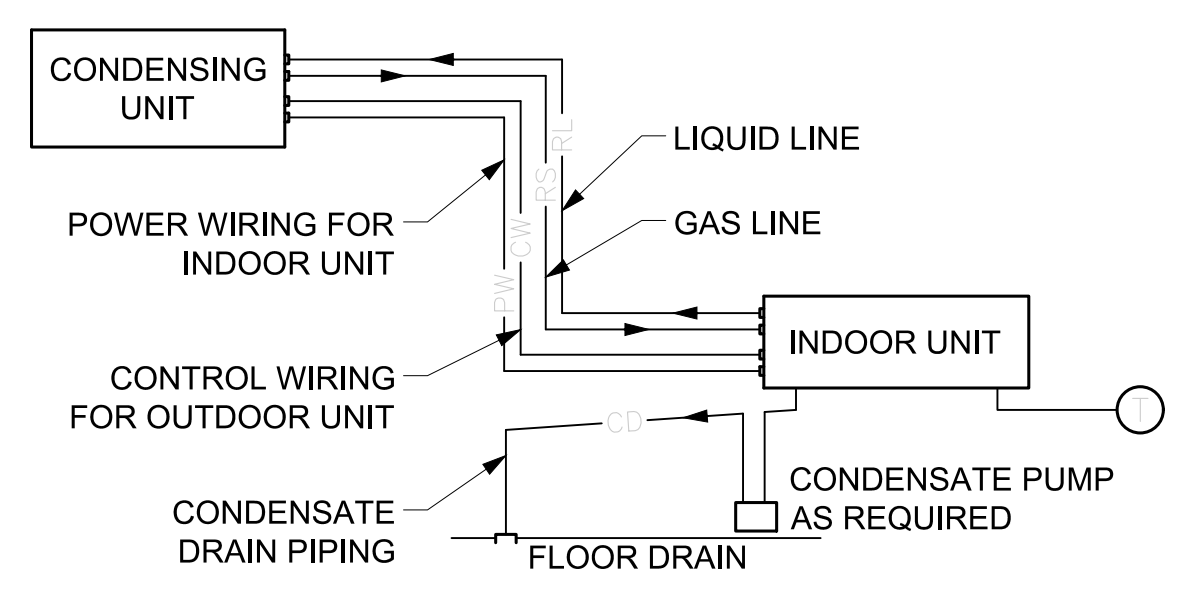
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ROOF HVAC PLAN		M-111
DATE: MAY 2022	SCALE: AS NOTED	SHEET NO. 13

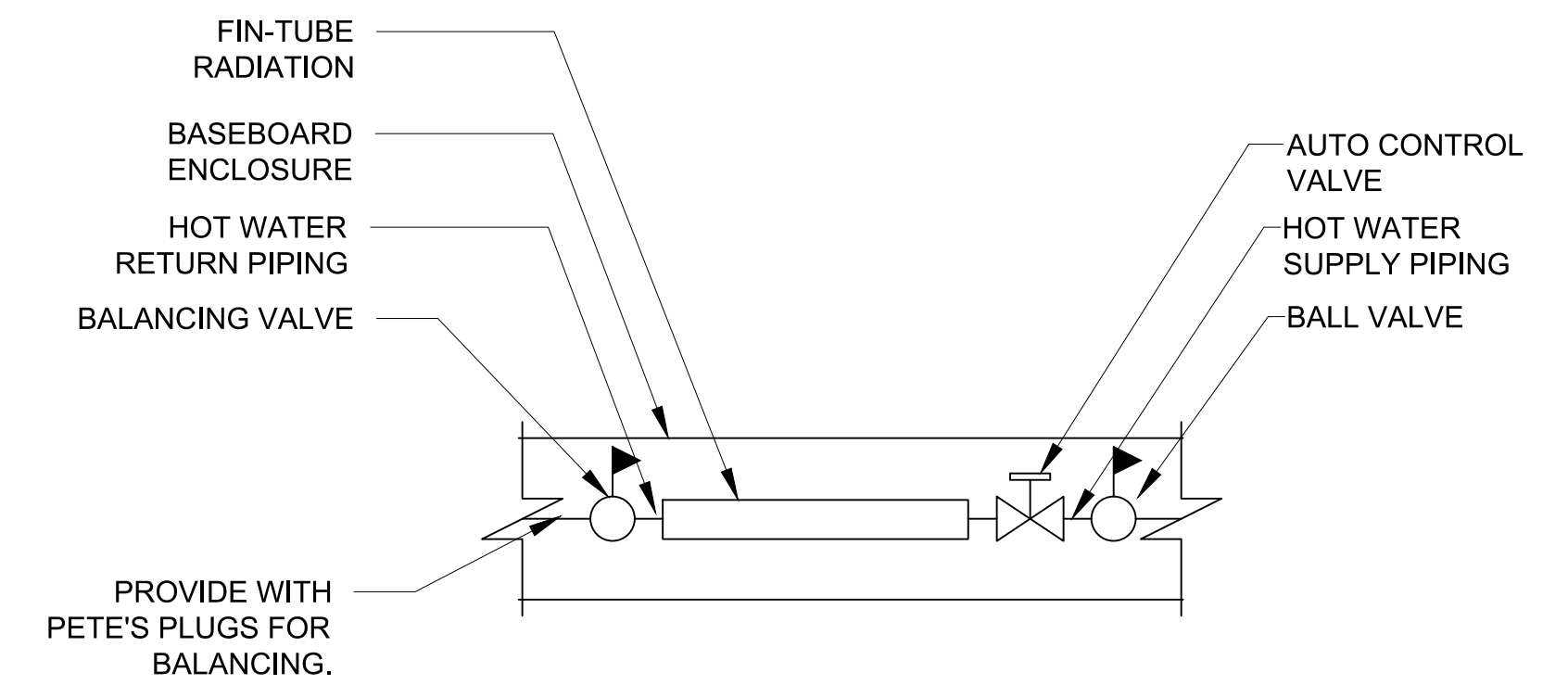


1 TYPICAL DUCT DETAILS
NOT TO SCALE

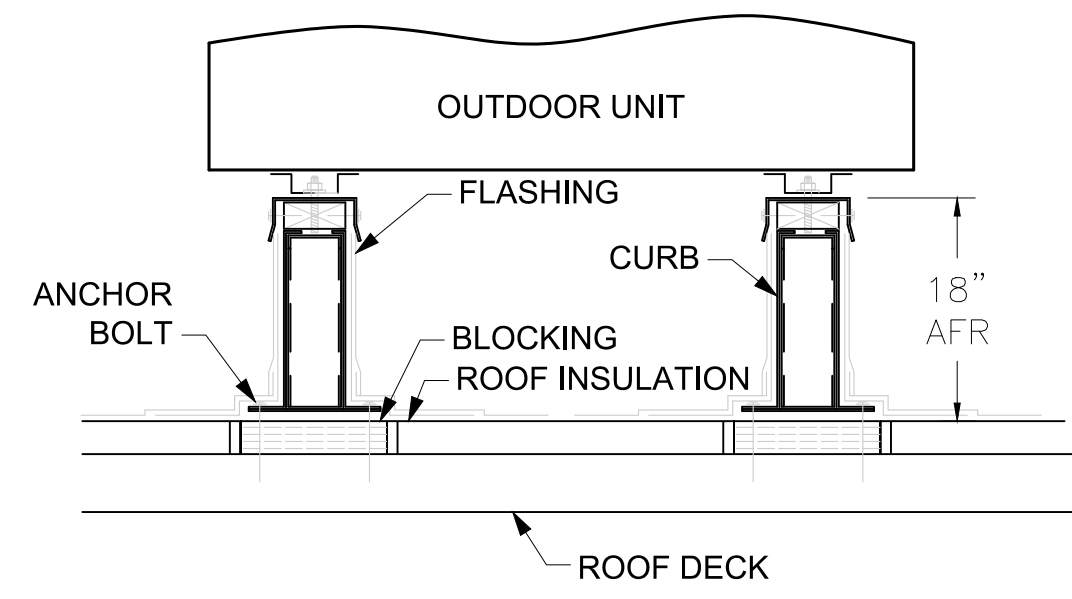


- NOTES:
1. INSTALL COPPER TYPE 'ACR' REFRIGERANT PIPING AND ACCESSORIES AS RECOMMENDED BY AND IN ACCORDANCE WITH MFR. AND RECOGNIZED PRACTICES.
 2. PIPE SIZES AND CONFIGURATIONS SHALL BE PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
 3. INSULATE BOTH REFRIGERANT LINES PER MFR RECOMMENDATIONS. MIN 1/2" THICK. PROVIDE WITH JACKETING OUTSIDE OF BUILDING.
 4. ROUTE OUTDOOR CONTROL WIRING WITH, AND SECURE TO, GAS LINE BETWEEN UNITS.
 5. INSTALL REFRIGERANT PIPING PARALLEL OR PERPENDICULAR TO THE LINES OF THE BUILDING STRUCTURE ALLOWING A MINIMUM OF FOUR INCHES CLEARANCE TO EXISTING PIPING, EQUIPMENT, AND ELECTRICAL/CONTROL WIRING.

2 DETAIL - SPLIT SYSTEM
NOT TO SCALE

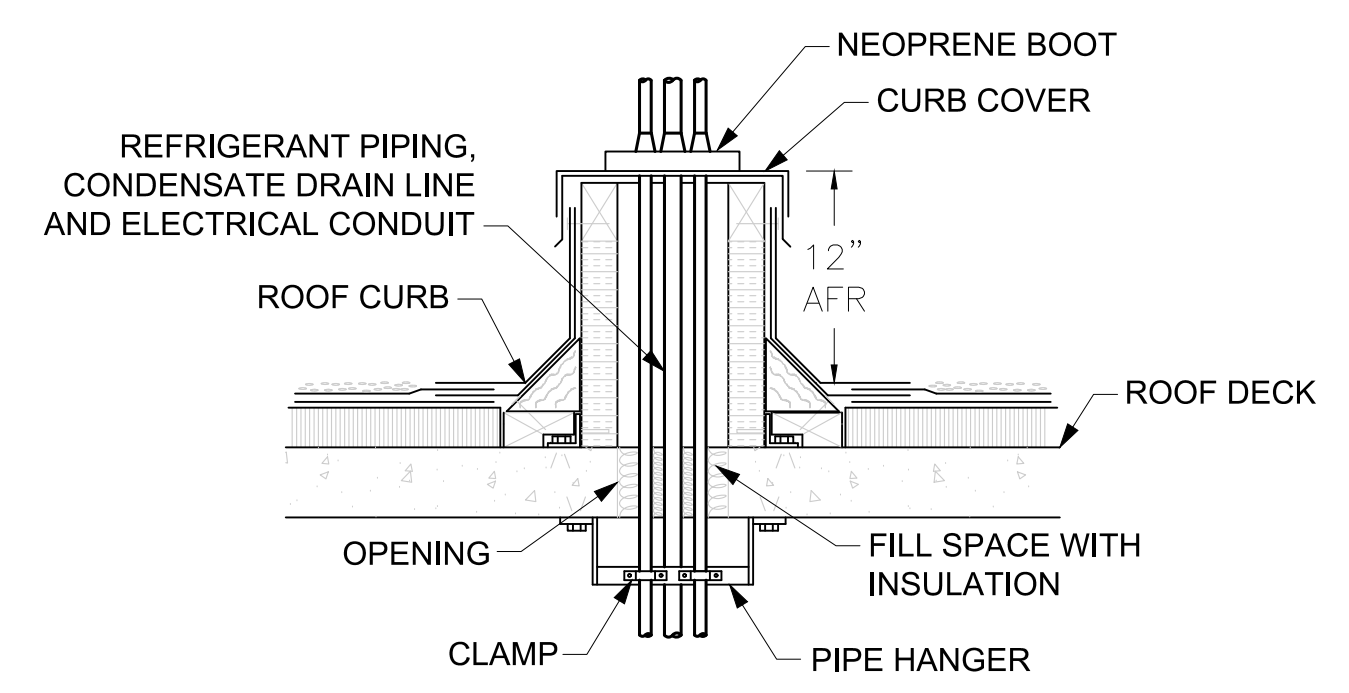


3 DETAIL - TYPICAL FIN-TUBE RADIATION VALVE ARRANGEMENT
NOT TO SCALE



- NOTES:
1. ANCHOR SECURELY PER MANUFACTURERS INSTALLATION GUIDE.
 2. VERIFY SPACING WITH MANUFACTURERS INSTALLATION INSTRUCTIONS.
 3. RE-FLASH AND PATCH ROOF WATER TIGHT.

4 ROOF RAIL DETAIL
NOT TO SCALE



- NOTES:
1. VERIFY PIPE AND CONDUIT SIZES AND QUANTITIES
 2. PIPE INSULATION NOT SHOWN
 3. CUT AND PATCH ROOF OPENING WEATHER TIGHT

5 ROOF-TOP PIPE CURB DETAIL
NOT TO SCALE



DELAWARE RIVER AND BAY AUTHORITY
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CONTRACT NO. CMLF-C19-06
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HVAC DETAILS

M-501

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DUCTLESS SPLIT SYSTEM INDOOR UNIT SCHEDULE									
TAG	SERVING	NOMINAL TONNAGE	SUPPLY AIR CFM	COOLING			MANUFACTURER	MODEL	REMARKS
				OUTSIDE AIR TEMPERATURE		COOLING CAPACITY (MBH)			
				DB (F)	WB (F)				
ACU-1	IT ROOM	2	635	95	75	24	MITSUBISHI	PKA	1, 2

- PROVIDE WITH ELECTRICAL DISCONNECT AND WALL MOUNTED THERMOSTAT. PROVIDE WITH CONDENSATE PUMP. REFRIGERANT R-410A.
- INDOOR UNIT IS POWERED FROM OUTDOOR UNIT.

SPLIT SYSTEM OUTDOOR UNIT SCHEDULE												
TAG	SERVING	COOLING CAPACITY (MBH)	OA TEMP		EER	SEER	ELECTRICAL				MANUFACTURER	MODEL
			DB (F)	WB (F)			VOLTAGE	PHASE	MCA (A)	MOCp (A)		
ACCU-1	ACU-1	24	95	75	10.6	17	208	1	18	30	MITSUBISHI	PUY-A24NHA6

EXHAUST FAN SCHEDULE									
TAG	AIRFLOW (CFM)	TYPE	ESP	HP	ELECTRICAL		MANUFACTURER	MODEL	REMARKS
					VOLTAGE	PHASE			
EF-8	2875	UPBLAST CENTRIFUGAL	0.75	1.5	480	3	GREENHECK	CUE-200HP	1

- PROVIDE WITH ELECTRICAL DISCONNECT SWITCH, VARI-GREEN DRIVE, BACKDRAFT DAMPER. VERIFY THAT NEW EF IS COMPATIBLE WITH EXISTING ROOF CURB. REPLACE CURB AS REQUIRED.

EXISTING VAV BOX SCHEDULE						
TAG	SERVING	AIRFLOW (CFM)	HEATING CAPACITY		MANUFACTURER	MODEL
			MBH	GPM		
VAV-1	115 LOBBY & 155 LT OFFICE	650	-	-	TRANE	VCWF-08
VAV-2	154 RADIO ROOM	500	-	-	TRANE	VCWF-08
VAV-3	159 SQUAD ROOM	600	-	-	TRANE	VCWF-08
VAV-4	161 WAREHOUSE	1200	-	-	TRANE	VCWF-12
VAV-5	INTERROGATION/STORAGE	350	-	-	TRANE	VCWF-06
VAV-6	163 SGT'S OFFICE	450	-	-	TRANE	VCWF-08
VAV-7	LUNCH ROOM	400	-	-	TRANE	VCWF-08
VAV-8	MEN'S LOCKER ROOM	450	8.2	1	TRANE	VFWC-08
VAV-9	WOMEN'S LOCKER ROOM	350	14	1.5	TRANE	VFWC-08
VAV-11	203 PC TRAINING	650	-	-	TRANE	VCWF-08
VAV-12	201 WORKROOM	1900	-	-	TRANE	VCWF-12

- NOTE
- VAV BOXES ARE EXISTING TO REMAIN.
 - MIN AIR SUPPLY FOR BOXES SHALL BE 25% OR AS REQUIRED FOR MAKE-UP

FIN-TUBE BASEBOARD RADIATION HEATER SCHEDULE								
TAG	SERVING	ROWS	AVERAGE TEMP (°F)	LENGTH (FT)	RECOVERY RATE (BTU/LF)	MANUFACTURER	MODEL	REMARKS
FBR-1	155 LT OFFICE	1	170	12	775	TRANE	TA	1, 2
FBR-2	159 SQUAD ROOM	1	170	13	775	TRANE	TA	1, 3

- NOTES
- COPPER ALUMINIUM 1-1/4", SERIES 60, FINS 2-1/2" x 5-1/4" x 0.015".
 - EXISTING TO REMAIN.
 - UNIT TO BE CONTROLLED IN A MANNER CONSISTENT WITH THE EXISTING WITH THE EXISTING UNIT TO BE REPLACED.

AIR DEVICE SCHEDULE - RETURN REGISTERS					
TAG	AIRFLOW	TYPE	SIZE	MANUFACTURER	MODEL
RR-1	75 CFM	LAY-IN	12"x12"	TITUS	350FL

AIR DEVICE SCHEDULE - SUPPLY DIFFUSER					
TAG	AIRFLOW	TYPE	SIZE	MANUFACTURER	MODEL
CD-1	25 CFM	LAY-IN	12"x12"	TITUS	TMS

ELECTRIC BASEBOARD HEATER SCHEDULE								
TAG	SERVING	LENGTH	ELECTRICAL			MANUFACTURER	MODEL	REMARKS
			KW	VOLTAGE	PHASE			
EBH-1	164 CLOSET	5'-0"	1.25	120	1	BERKO	ASL3	1

- NOTES
- PROVIDE WITH WALL THERMOSTAT.



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CAPE MAY – LEWES FERRY

CONTRACT NO. CMLF-C19-06
TERMINAL POLICE AND ADMINISTRATION
BUILDING – DISPATCH CENTER REHAB

HVAC SCHEDULES

M-701

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GENERAL NOTES

(APPLY TO WORK PROVIDED UNDER DIV. 20):

- GENERAL:** FURNISH LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE INSTALLATION OF THE COMPLETE PLUMBING SYSTEMS AS SPECIFIED HEREIN AND INDICATED IN THE CONTRACT DOCUMENTS. OUTLINE DESCRIPTION AND DIAGRAMMATIC REPRESENTATION OF SYSTEM OPERATION AND EQUIPMENT DOES NOT LIMIT CONTRACTOR LIABILITY FOR FURNISHING AND INSTALLING COMPLETE AND OPERABLE SYSTEMS.
- APPLICABLE CODES:** THE INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE CODE OF THE LOCAL AUTHORITY HAVING JURISDICTION.
- NOTE DEFINITIONS:** "DRAWING NOTES" APPLY TO THE ENTIRE DRAWING ON WHICH THEY APPEAR, WHERE RELEVANT. "SPECIFIC NOTES" APPLY ONLY WHERE INDICATED WITH THE "SPECIFIC NOTE" SYMBOL. REFER TO LEGEND.
- PROVIDE REQUIRED CLEARANCE FOR MAINTENANCE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS OR AS REQUIRED BY CODE FOR MECHANICAL AND PLUMBING EQUIPMENT.
- VERIFY THAT EXISTING EQUIPMENT THAT IS TO REMAIN IS FULLY FUNCTIONAL AND OPERATIONAL.
- PERMITS:** INCLUDE IN THE BID PRICE THE PAYMENT OF NECESSARY PERMITS. FURNISH THE OWNER PRIOR TO THE FINAL PAYMENT A CERTIFICATE FROM THE INSPECTION DEPARTMENT HAVING JURISDICTION CERTIFYING THAT THE WORK MEETS THE REQUIREMENTS OF THE LOCAL INSPECTION AUTHORITIES AND/OR THE NATIONAL BOARD OF FIRE UNDERWRITERS.
- SCHEDULING:** COORDINATE WITH THE OWNER FOR SCHEDULING OF WORK.
- WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
- KEEP THE WORK SITE AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH GENERATED BY WORK FROM THIS CONTRACT. PROPERLY AND LEGALLY DISPOSE OF MATERIALS.
- SAFETY:** JOB SITE SAFETY SHALL BE IN STRICT ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- VISIT THE SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS THAT MAY AFFECT THE BID.
- EXISTING PLUMBING INSTALLATION:** EXISTING PLUMBING WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER PLUMBING ITEMS OR PLUMBING FIXTURES RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED.
- WHERE EXISTING PLUMBING WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONNECTED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH NEW WORK AS INDICATED IN THE CONTRACT DOCUMENTS AND AS SPECIFIED.
- DO NOT DISCONTINUE ANY PLUMBING SYSTEM SERVICE WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE USER AGENCY. THE PLUMBING SYSTEM OUTAGES SHALL BE KEPT TO A MINIMUM.
- PROVIDE SUBMITTALS (SHOP DRAWINGS) FOR REVIEW FOR NEW MATERIALS AND EQUIPMENT, PRIOR TO SUBMITTING, REVIEW SUBMITTALS FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, CONFLICTS WITH OTHER TRADES, AND CONSTRUCTABILITY. IDENTIFY ANY DEVIATIONS IN SUBMITTALS FROM CONTRACT DOCUMENTS. ENGINEER'S REVIEW OF SUBMITTALS DOES NOT INCLUDE REVIEW OF DIMENSIONS, DETAILS, OR QUANTITIES. REVIEW DOES NOT WAIVE ANY REQUIREMENTS OF CONTRACT DOCUMENTS, INCLUDING REQUIREMENT TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.
- WHEN MOUNTING PLUMBING WORK IN AREAS SUBJECT TO PEDESTRIAN TRAFFIC, MAINTAIN REQUIRED HEADROOM CLEARANCES.
- PLUMBING MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS TO MAINTAIN THEIR RESPECTIVE UL RATING AND SHALL CONFORM TO FACTORY MUTUAL STANDARDS AS APPLICABLE.
- PLUMBING WORK SHALL BE CONCEALED IN FINISHED AREAS SHOWN ON THE ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE.
- EQUIPMENT LOCATIONS:** REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE LOCATIONS AND THE ELECTRICAL DRAWINGS FOR EXACT ELECTRICAL EQUIPMENT LOCATIONS. LOCATIONS PLUMBING EQUIPMENT AND PIPING ARE SHOWN DIAGRAMMATICALLY. DETERMINE EXACT LOCATIONS IN THE FIELD.
- SEALING FITTINGS AND APPROVED SEALING COMPOUND SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODE. SEAL AROUND PENETRATIONS OF FIRE-RATED WALLS WITH AN APPROVED SEALANT.
- SANITARY AND DRAINAGE PIPING SHALL RUN AT 2% SLOPE MINIMUM, UNLESS NOTED OTHERWISE.
- LOCATIONS OF DRAINS AND CONNECTIONS TO FIXTURES AND EQUIPMENT SHALL BE COORDINATED WITH FLOOR PLANS, EQUIPMENT CUTS AND MECHANICAL/ELECTRICAL/STRUCTURAL PLANS. NO WORK SHALL BE INSTALLED UNTIL LOCATIONS HAVE BEEN VERIFIED.
- PLUMBING FIXTURES SHALL BE CAULKED TO THE ADJOINING FLOOR OR WALL SURFACE.
- PROVIDE CLEANOUTS IN SANITARY AND DRAIN LINES EVERY 50 FEET UNLESS INDICATED AT CLOSER INTERVALS ON THE DRAWINGS AND AT CHANGES OF DIRECTION.
- THE PLUMBING FIXTURE SCHEDULE AND SPECIFICATIONS SUPERCEDE THE SYMBOLS INDICATED ON THE FLOOR PLANS.
- PIPE DROPS IN EXTERIOR WALLS SHALL BE INBOARD OF INSULATION.

GENERAL DEMOLITION NOTES

(APPLY TO WORK PROVIDED UNDER DIVISION 20):

- DEMOLITION WORK IS GENERALLY INDICATED AS PART OF THESE NOTES AND THE NOTES INDICATED ON THE ARCHITECTURAL DEMOLITION PLANS.
- VERIFY THAT EXISTING PIPING, EQUIPMENT, ETC. THAT IS CALLED FOR REMOVAL IS NO LONGER IN SERVICE BEFORE BEGINNING DEMOLITION.
- THE DEMOLITION NOTES INDICATE THE MAIN COMPONENTS OF SYSTEMS AND EQUIPMENT THAT SHALL BE REMOVED UNDER THIS CONTRACT. IF SYSTEMS AND EQUIPMENT ARE FOUND DURING CONSTRUCTION THAT THE OWNER AUTHORIZES FOR REMOVAL BUT HAVE NOT BEEN SPECIFICALLY CALLED FOR DEMOLITION, REMOVE THE SYSTEMS AND EQUIPMENT.
- WHEN THE WORK SPECIFIED HEREUNDER CONNECTS TO ANY EXISTING EQUIPMENT, PIPING, ETC., PERFORM NECESSARY ALTERATIONS, CUTTING, FITTING, ETC. OF THE EXISTING WORK AS MAY BE NECESSARY OR REQUIRED TO MAKE SATISFACTORY CONNECTIONS BETWEEN THE NEW AND EXISTING WORK AND LEAVE THE COMPLETE WORK IN A FINISHED AND WORKMANLIKE CONDITION.
- WHEN THE WORK SPECIFIED UNDER OTHER DIVISIONS NECESSITATES RELOCATION OF EXISTING EQUIPMENT, PIPING, ETC., PERFORM WORK AND MAKE NECESSARY CHANGES TO EXISTING WORK AS MAY BE REQUIRED TO LEAVE THE COMPLETED WORK IN A FINISHED AND WORKMANLIKE CONDITION.
- REMOVE FROM THE PREMISES AND DISPOSE OF EXISTING PIPING, MATERIAL, FIXTURES, EQUIPMENT, ETC. NOT REQUIRED FOR RE-USE OR RE-INSTALLATION.
- DELIVER ON THE PREMISES WHERE DIRECTED EXISTING MATERIAL AND EQUIPMENT WHICH IS REMOVED AND IS DESIRED BY THE OWNER OR IS INDICATED TO REMAIN THE PROPERTY OF THE OWNER.
- OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES.
- PIPING ABANDONED IN CONCRETE SLABS, WALLS, OR OTHER INACCESSIBLE LOCATIONS SHALL BE LEFT EMPTY.

GENERAL NOTES : FIRE PROTECTION

(APPLY TO WORK PROVIDED UNDER DIVISION 20):

- EXISTING SPRINKLER SYSTEM SERVING THE RENOVATED SPACE IS TO REMAIN AND SHALL BE MODIFIED AND EXTENDED AS REQUIRED BY A CERTIFIED SPRINKLER CONTRACTOR TO SUIT NEW CONSTRUCTION.
- REROUTE EXISTING SPRINKLER PIPING AS REQUIRED TO AVOID ROUTING THRU OR ABOVE ELECTRICAL EQUIPMENT ROOMS. ELECTRIC ROOMS SHALL ONLY CONTAIN PIPING THAT SERVES THAT ROOM.
- THE EXISTING SPRINKLER SYSTEM AND SPRINKLER HEADS SHALL BE UPGRADED AS REQUIRED TO MEET ALL CURRENT NFPA 13, NFPA 25 AND ALL APPLICABLE LOCAL FIRE CODES, REGULATIONS AND WITH THE APPROVAL OF THE LOCAL FIRE MARSHAL AND/OR THE AUTHORITY HAVING JURISDICTION.
- EXISTING SPRINKLER PIPING TO REMAIN IS TO BE THOROUGHLY FLUSHED AND TESTED FOR LEAKAGE AND DEFECTS IN WORK AND MATERIALS. A CERTIFIED SPRINKLER ENGINEER SHALL PROVIDE SPRINKLER SHOP DRAWINGS AND HYDRAULIC CALCULATION FOR A LIGHT HAZARD SPRINKLER CLASSIFICATION.
- COORDINATE SPRINKLER HEADS WITH NEW CEILING LAYOUT AND ALL OTHER TRADES. PROVIDE TAMPER/SUPERVISORY SWITCHES AS REQUIRED PER NFPA. SPRINKLER HEADS ARE TO BE PENDANT TYPE TO MATCH EXISTING.
- IN RENOVATED AREAS SUBJECT TO FREEZING, DRY SIDEWALL HEADS SHALL BE USED FROM THE WET SYSTEM SERVING SUCH AREAS.

PLUMBING LEGEND

SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION
	SP, SAN	SANITARY PIPE		AFF	ABOVE FINISHED FLOOR
	SW	STORM WATER		BTU	BRITISH THERMAL UNIT
	D	DRAIN		CB	CATCH BASIN
	FDR	FOUNDATION DRAIN		CFH	CUBIC FEET HOUR
	CO	CLEANOUT		CFM	CUBIC FEET MINUTE
	VP	VENT PIPE		DIFF	DIFFUSER
	CW	COLD WATER		EX	EXISTING
	HW	HOT WATER		EXTR	EXISTING TO REMAIN
	HWC	HOT WATER CIRCULATING		(FLOOR PLAN -M-1)	FOR CONTINUATION SEE FLOOR PLAN ON DRAWING M-1
	T	TEMPERED WATER		GPM	GALLONS PER MINUTE
	G	GAS		KW	KILOWATTS
	F	FIRE LINE		MBH	THOUSAND BTU/HR
		FLOW METER FITTING		RX	REMOVE EXISTING
		REDUCED PRESSURE ZONE BACKFLOW PREVENTER		V-PH	VOLT-PHASE
	TP	TRAP PRIMER		VTR	VENT THROUGH ROOF
	MAV	RELIEF VALVE			EXTENT OF NEW WORK
	AAV	AUTOMATIC AIR VALVE			EXTENT OF DEMOLITION
		STRAINER W/VALVE			AREA TO BE DEMOLISHED
		UNION			
	SA	SHOCK ABSORBER			
		FLOW SWITCH			
		THERMOMETER/THERMOSTAT			
		THERMOMETER WELL			
	PG	PRESSURE GAUGE W/ SYPHON & NEEDLE VALVE			
		PRESSURE GAUGE W/NEEDLE VALVE			
	PG	PRESSURE GAUGE TAPPING			
		PIPE GUIDE			
		ANCHOR			
		FLEXIBLE PIPE CONNECTION			
	OS&Y	OS&Y VALVE W/ TAMPER SWITCH			
		SHUTOFF VALVE			
		CHECK VALVE			
	BWV	BACK WATER VALVE			
	PRV	PRESSURE REDUCING VALVE			
		PIPE TURNING UP			
		PIPE TURNING DOWN			
		TEE TURNING UP			
		TEE TURNING DOWN			
	WH	WALL HYDRANT			
		GAS PRESSURE REGULATOR			
	AD	AREA DRAIN			
	FD	FLOOR DRAIN			
	FDP	FLOOR DRAIN WITH TRAP PRIMER			
	RD	ROOF DRAIN			
	FS	FLOOR SINK			
		MATCH LINE			
		SECTION DESIGNATION			
		DETAIL DESIGNATION			

TAG	DESCRIPTION	CW SIZE	HW SIZE	SAN SIZE	VENT SIZE	NOTES
P-1	WATER CLOSET	1/2"	-	4"	2"	
P-2	LAVATORY	1/2"	1/2"	2"	2"	

REVISION			
NO.	DATE	DESCRIPTION	BY

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DELAWARE RIVER AND BAY AUTHORITY
CAPE MAY – LEWES FERRY

CONTRACT NO. CMLF-C19-06
TERMINAL POLICE AND ADMINISTRATION
BUILDING – DISPATCH CENTER REHAB

**GENERAL NOTES
SYMBOLS AND
ABBREVIATIONS**

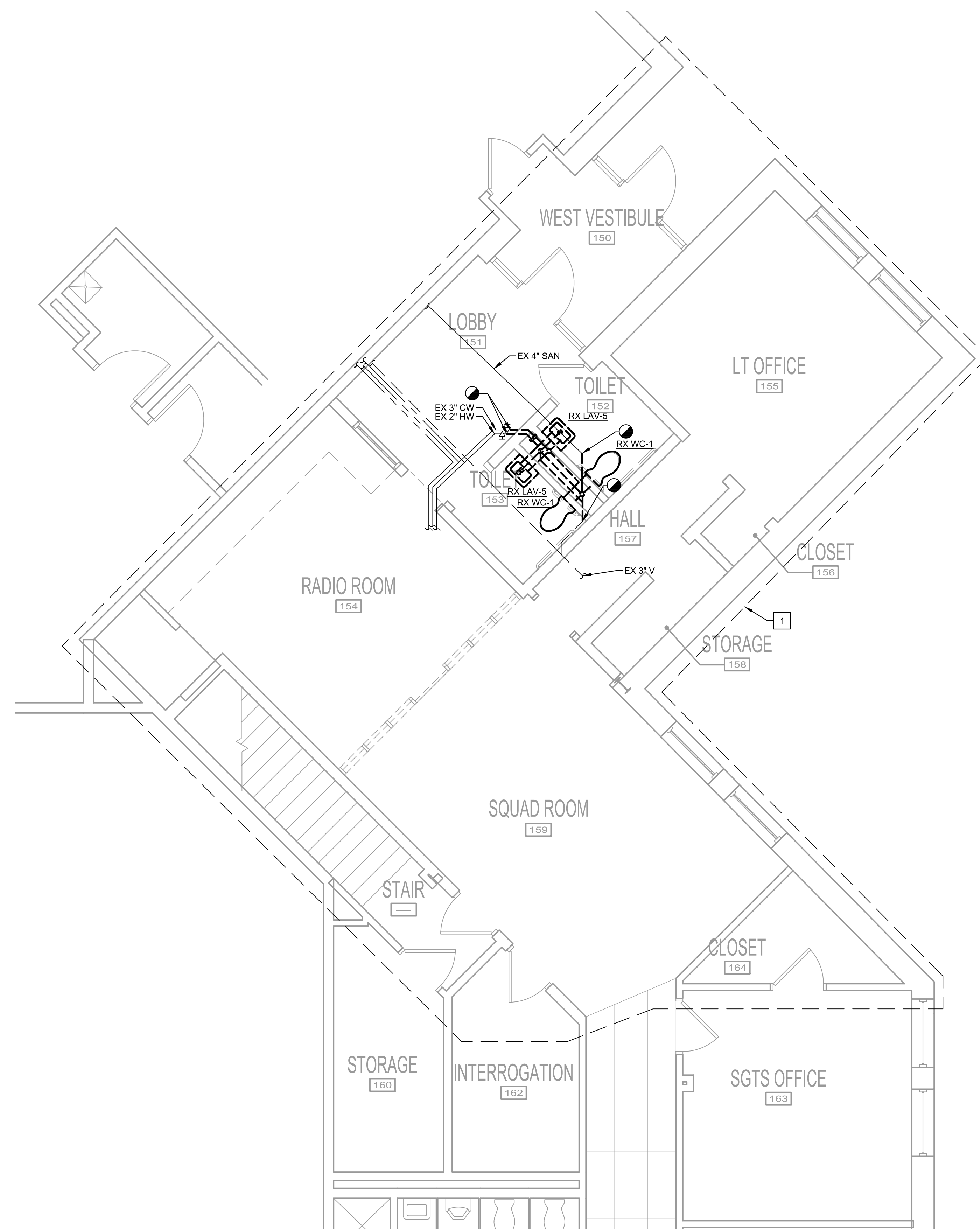
P-000

DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 16

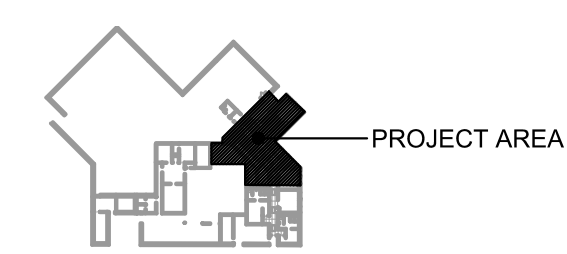


SPECIFIC NOTES: (APPLY TO THIS DRAWING WHERE INDICATED):

- 1 SEE GENERAL SPRINKLER NOTES FOR SCOPE OF SPRINKLER WORK IN THIS AREA.

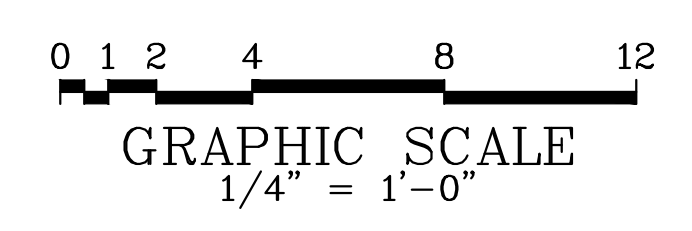


DEMOLITION WORK SHALL BE DONE IN PHASES. COORDINATE ALL WORK WITH NEW INSTALLATIONS.



KEY PLAN
SCALE: NONE

1 PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



DELAWARE RIVER AND BAY AUTHORITY
CAPE MAY – LEWES FERRY

CONTRACT NO. CMLF-C19-06
TERMINAL POLICE AND ADMINISTRATION
BUILDING – DISPATCH CENTER REHAB

PLUMBING DEMOLITION PLAN P-100

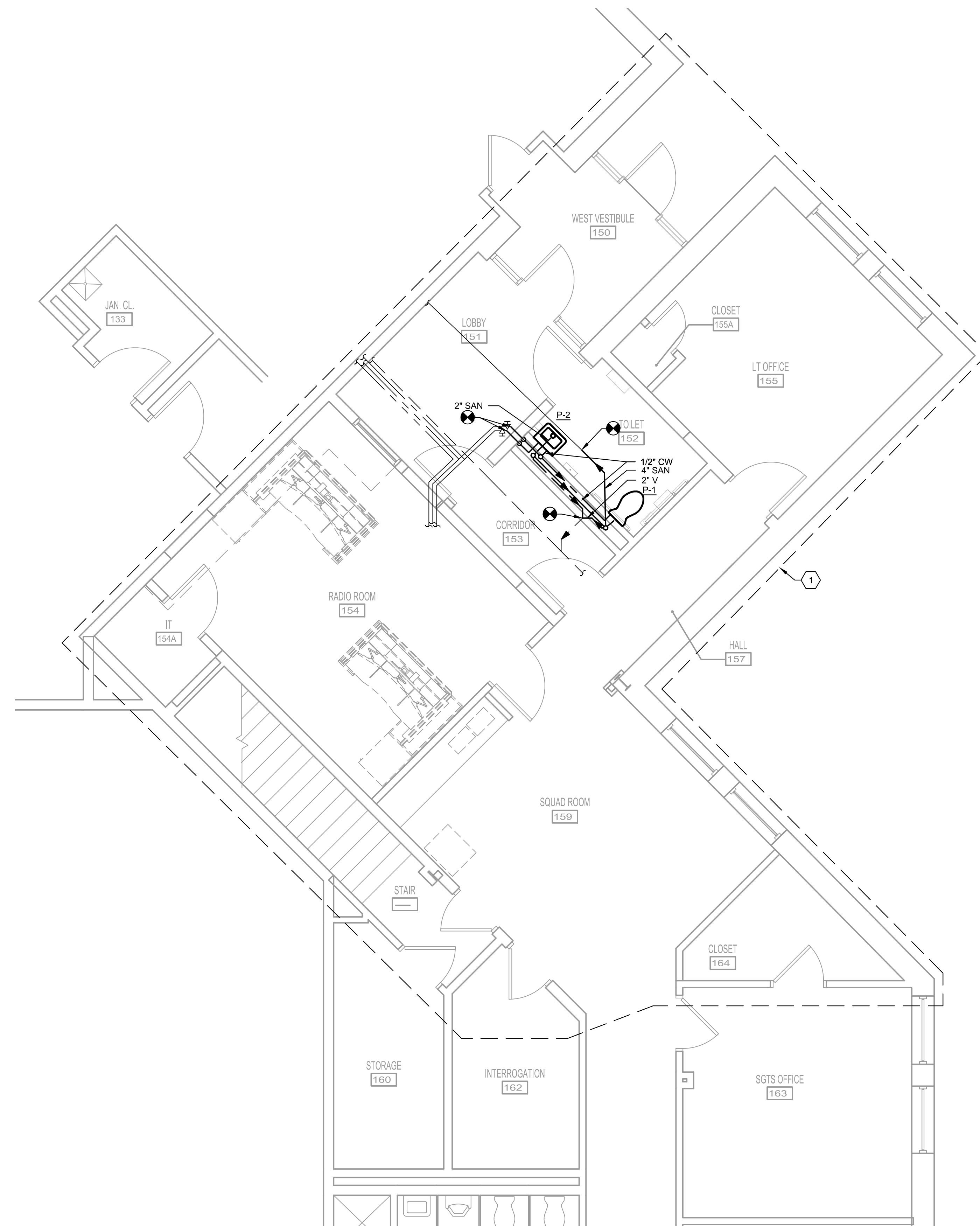
DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 17

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SPECIFIC NOTES: (APPLY TO THIS DRAWING WHERE INDICATED):

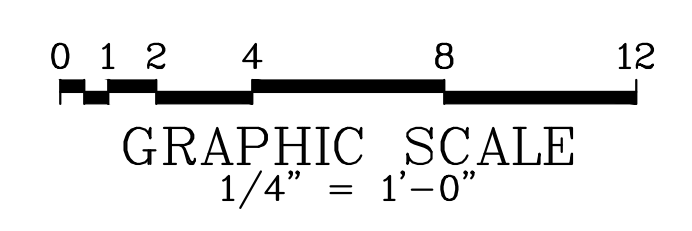
1 SEE GENERAL SPRINKLER NOTES FOR SCOPE OF SPRINKLER WORK IN THIS AREA.



1
P-101 PLUMBING PLAN
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: NONE



REVISION			
NO.	DATE	DESCRIPTION	BY

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TERMINAL POLICE AND ADMINISTRATION
BUILDING – DISPATCH CENTER REHAB

PLUMBING PLAN

P-101

DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 18

GENERAL DEMOLITION NOTES

- A. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING ELECTRICAL WORK SHOWN ON THESE DRAWINGS.
- B. THE EXTENT OF ELECTRICAL DEMOLITION SHALL BE AS NOTED ON THE DRAWINGS. SHOULD THERE BE ANY QUESTION AS TO THE DISPOSITION OF ANY EXISTING ELECTRICAL WORK, IT SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. THE FINAL DISPOSITION OF SUCH WORK SHALL BE AS DIRECTED BY THE OWNER.
- C. WHEREVER EXISTING ELECTRICAL WORK IS INDICATED TO BE REMOVED, THE FOLLOWING NOTES SHALL APPLY:
 - 1. WIRING SHALL BE REMOVED AS NOTED ON DRAWINGS.
 - 2. SURFACES WHICH ARE DISTURBED BY DEMOLITION UNDER THIS WORK SHALL BE PATCHED WITH MATERIALS TO MATCH THE EXISTING SURFACE. PATCHING SHALL MATCH THE EXISTING SURROUNDING SURFACES, AND SHALL BE DONE TO THE COMPLETE SATISFACTION OF THE OWNER.




GENERAL NOTES - ELECTRICAL WORK

- 1. DRAWINGS SHALL NOT BE SCALED.
- 2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES. THE MECHANICAL AND OTHER DRAWINGS AND SPECIFICATIONS SHALL BE CONSULTED AND COORDINATED WITH PRIOR TO ROUGH-IN.
- 3. WHEREVER POSSIBLE, THE CONTRACTOR SHALL OBTAIN ACTUAL ROUGH-IN DRAWINGS FOR THE ACTUAL ITEM OF EQUIPMENT TO BE INSTALLED PRIOR TO ROUGH-IN. THIS SHALL APPLY TO EQUIPMENT, WHETHER IT IS TO BE INSTALLED BY THE CONTRACTOR OR BY THE OWNER.
- 4. IT IS THE INTENT OF THESE DRAWINGS THAT NEW ELECTRICAL WORK TO BE INSTALLED IN FINISHED AREAS, BE INSTALLED CONCEALED WITHIN NEW OR EXISTING WALLS, FLOORS OR CEILINGS. ANY AND CUTTING AND PATCHING OF SURFACES SHALL BE PROVIDED BY THE CONTRACTOR.
- 5. WHERE CIRCUIT AND HOMERUN LINES ARE NOT SHOWN, PROVIDE MINIMUM 2#12-1#12 GROUND + PULL STRING IN 1" CONDUIT.
- 6. PROVIDE PULL STRINGS IN ALL CONDUITS.
- 7. WHERE NEW LOADS ARE ADDED AND EXISTING LOADS REMOVED, PROVIDE UPDATED PRINTED CIRCUIT DIRECTORIES FOR PANELBOARDS TO INDICATE TYPE OF LOAD SERVED AND AREA SERVED (E.G. RECEPTACLES-OFFICE 201).
- 8. UNLESS NOTED OTHERWISE, EVERY CONDUIT CONTAINING 120V OR GREATER WIRING SHALL CONTAIN A SEPARATE INSULATED GROUND WIRE RATED FOR 600V.
- 9. ELECTRICAL PENETRATIONS FOR BOXES, DEVICES, EQUIPMENT, WIRING AND RACEWAYS IN FIRE-RESISTANCE-RATED CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE. "PENETRATIONS" SECTION. PROVIDE FIRE SEALANT FOR PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS TO MAINTAIN THE APPLICABLE FIRE RATING.
- 10. PROVIDE STRUCTURAL STEEL FRAME SUPPORTS AS REQUIRED FOR DISCONNECT SWITCHES, MOTOR STARTERS, ETC. (IF DISCONNECT SWITCHES OR STARTERS ARE LOCATED ON EQUIPMENT HOUSINGS, COORDINATE LOCATIONS WITH EQUIPMENT SUPPLIER TO ENSURE SWITCHES/STARTERS ARE NOT INSTALLED ON EQUIPMENT ACCESS PANELS). MAINTAIN PROPER NATIONAL ELECTRICAL CODE CLEARANCES. IN ADDITION, MAINTAIN PROPER MECHANICAL WORKING CLEARANCES FOR SERVICING OF EQUIPMENT.
- 11. UNLESS INDICATED OTHERWISE, PROVIDE FINAL CONNECTIONS TO EQUIPMENT.


ELECTRICAL ABBREVIATIONS (NOT ALL USED)

A	AMPERE(S)	MS	MOTOR STARTER
ADA	AMERICAN DISABILITY ACT	NEC	NATIONAL ELECTRICAL CODE
AFF	ABOVE FINISHED FLOOR	NO	NORMALLY OPEN
AIC	AMPERES INTERRUPTING CAPACITY	NTS	NOT TO SCALE
AWG	AMERICAN WIRE GAUGE	OC	ON CENTER
C	CONDUIT	OH	OVERHEAD
CB	CIRCUIT BREAKER	OTA	OVER THE AIR
CCT	CORRELATED COLOR TEMPERATURE	Ø	PHASE
CKT	CIRCUIT	P	POLE
CLG	CEILING	PNL	PANELBOARD
DWG	DRAWING	PRI	PRIMARY
EX	EXISTING	RL	RELOCATE EXISTING
FLA	FULL LOAD AMPERES	RLA	RUNNING LOAD AMPERES
GFI	GROUND FAULT CIRCUIT INTERRUPTER	RMS	ROOT MEAN SQUARE
G/GRD	GROUND	RX	REMOVE EXISTING
HP	HORSEPOWER	SHP	SECURITY HEADEND PANEL
HZ	HERTZ	S/N	SOLID NEUTRAL
IG	ISOLATED GROUND	SPD	SURGE PROTECTIVE DEVICE
Isc	SHORT CIRCUIT INTERRUPTING CAPACITY	SWBD	SWITCHBOARD
Isc (RMS SYMMETRICAL AMPERES)		SYM	SYMMETRICAL
JB	JUNCTION BOX	TEB	TELECOMMUNICATION BACKBOARD
Kcmil	THOUSAND CIRCULAR MILLS	TEL	TELEPHONE
KV	KILOVOLTS	TYP	TYPICAL
KVA	KILO-VOLT-AMPERES	UNO	UNLESS NOTED OTHERWISE
KW	KILOWATTS	V	VOLTS
LIT	LIGHTING	VA	VOLT-AMPERE
LV	LOW VOLTAGE	W	WIRE, WATTS
MCA	MINIMUM CIRCUIT AMPACITY	WP	WEATHERPROOF
MCB	MAIN CIRCUIT BREAKER	Y	WYE CONNECTED
MCP	MOTOR CIRCUIT PROTECTOR	1P	SINGLE POLE
MH	MOUNTING HEIGHT	2P	DOUBLE POLE
MISC	MISCELLANEOUS	3P	THREE POLE
MLO	MAIN LUGS ONLY	4P	FOUR POLE
MOCB	MAXIMUM OVER-CURRENT PROTECTION DEVICE		






FIRE ALARM SYSTEM LEGEND

	HORN-STROBE COMBINATION
	STROBE
	SMOKE DETECTOR




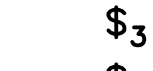
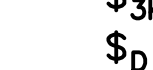
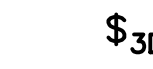










COMMUNICATIONS LEGEND

	SINGLE GANG BOX, WALL MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE. PROVIDE PULL STRING IN 1" CONDUIT TO ABOVE ACCESSIBLE CEILING.
---	--

GENERAL SYMBOLS

	SPECIFIC DEMOLITION NOTE
	SPECIFIC NEW WORK NOTE
	REVISION NUMBER TAG
	REVISION CLOUD
	NORTH ARROW

ELECTRICAL LEGEND

	LIGHTING FIXTURE
	EXIT SIGN, SINGLE OR DUAL FACE: CEILING MOUNTED; WALL MOUNT AT 7'-6" A.F.F. UNLESS NOTED OTHERWISE. PROVIDE WITH INTEGRAL HEADS. SHADING INDICATES NUMBER OF FACES.
	SINGLE POLE SWITCH, MOUNT AT 46" A.F.F. U.N.O.
	3-WAY SWITCH, MOUNT AT 46" A.F.F. U.N.O.
	3-WAY KEYED SWITCH
	DIMMER WITH 3-WAY SWITCH, MOUNT AT 46" A.F.F. U.N.O.
	DIMMER, MOUNT AT 46" A.F.F. U.N.O.
	COMBINATION TYPE WALL BOX OCCUPANCY/VACANCY SENSOR, MOUNT AT 46" A.F.F. U.N.O.
	125V-20A DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-20R, MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
	125V-20A DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-20R, MOUNT AT 9" ABOVE COUNTER UNLESS NOTED OTHERWISE
	125V-20A QUAD RECEPTACLE, NEMA CONFIGURATION 5-20R, MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
	125V-20A DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-20R, MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
	G = GROUND FAULT CIRCUIT INTERRUPTER WP = WEATHERPROOF WHILE-IN-USE DIE-CAST ALUMINUM COVER
	JUNCTION BOX OR DEVICE BOX
	PANELBOARD
	HOMERUN TO PANELBOARD: A-1,3

ARROWS INDICATE QUANTITY OF CIRCUITS.
NOTATION INDICATES PANELBOARD AND CIRCUIT NUMBER TO WHICH CIRCUITS ARE TO BE EXTENDED.

SUGGESTED CONSTRUCTION SEQUENCE

CONSTRUCTION SHALL BE IN A PHASED APPROACH, IN ORDER TO MAINTAIN CONTINUITY OF DISPATCH CENTER IN OPERATION. THE TWO MAJOR CONSTRUCTION PHASES ARE RENOVATE THE NON-RADIO ROOM SPACES WHILE KEEPING EXISTING DISPATCH EQUIPMENT IN RADIO ROOM SERVICE AND RENOVATE THE RADIO ROOM. COORDINATE AND SCHEDULE OUTAGES WITH THE AUTHORITY. THE FOLLOWING IS A SUGGESTED SEQUENCE OF GENERAL CONSTRUCTION ACTIVITIES.

1. INSTALL NEW PANEL PD AND TRANSFER REMAINING CIRCUITS TO PANEL. MAINTAIN EXISTING PANEL PD IN SERVICE UNTIL CIRCUITS HAVE BEEN TRANSFERRED.
2. INSTALL LIGHTING IN NEW CLOSET 155A.
3. INSTALL RECEPTACLES AND BOXES IN SQUAD ROOM FOR TEMPORARY WORKSTATION AND WALL-MOUNTED DISPLAYS.
4. REMOVE LIGHTING IN SPACE DESIGNATED AS NEW STORAGE 154A. INSTALL LIGHTING AND RECEPTACLE IN NEW STORAGE 154A. INSTALL NEW DISPATCH EQUIPMENT RACK (BY VENDOR).
5. INSTALL TEMPORARY CABLING FROM DISPATCH EQUIPMENT RACK TO SQUAD ROOM (BY VENDOR).
6. INSTALL DATA CABLING FROM EXISTING IT EQUIPMENT TO DISPATCH EQUIPMENT RACK AND TO TEMPORARY WORKSTATION (BY AUTHORITY IT DEPARTMENT).
7. PERFORM TESTING AND CUTOVER TO TEMPORARY WORKSTATION AND WALL-MOUNTED DISPLAYS.
8. PERFORM DEMOLITION WORK IN AREAS DESIGNATED AS PHASE 1, EXCEPT FOR NEW STORAGE 154A THAT DEMOLITION WORK WAS DONE IN PREVIOUS STEP ABOVE.
9. PERFORM RENOVATION WORK IN AREAS DESIGNATED AS PHASE 1, EXCEPT FOR NEW STORAGE 154A THAT DEMOLITION WORK WAS DONE IN PREVIOUS STEP ABOVE.
10. PERFORM DEMOLITION WORK IN RADIO ROOM 154 THAT IS DESIGNATED AS PHASE 2.
11. PERFORM RENOVATION WORK IN RADIO ROOM 154 THAT IS DESIGNATED AS PHASE 2.
12. INSTALL RECEPTACLES AND BOXES IN RADIO ROOM 154 FOR BOTH WORKSTATIONS AND WALL-MOUNTED DISPLAY.
13. RELOCATE WORKSTATION AND DISPLAY FROM SQUAD ROOM TO RADIO ROOM 154 (BY VENDOR)
14. ASSIST VENDOR AND AUTHORITY FOR REMOVAL OF TEMPORARY CABLING AND SUPPORTS. REMOVE TEMPORARY RECEPTACLES AND BOXES.
15. INSTALL LOW-VOLTAGE CABLING FOR DISPATCH EQUIPMENT, WORKSTATIONS, AND WALL-MOUNTED DISPLAY (BY VENDOR AND AUTHORITY IT DEPARTMENT).
16. PERFORM WALL/CEILING REPAIRS AND CLEANUP.

PANEL NAME		TYPE: GE TYPE A SERIES		LOCATION: SQUAD RM 159														
EXISTING CONDITION		CIRCUIT BREAKER MOUNTING SPACE: 42		VOLTAGE: 208Y120V, 3-PHASE, 4-WIRE														
PD		MAIN BUS RATING: 125 AMPS		PANEL MOUNTING: RECESSED														
		MAIN LUG ONLY		PANEL ENCLOSURE (NEMA): 1														
				PANEL MIN. A. I. C. RATING: 10K														
CIR. No.	DESCRIPTION	NOTE	CIR. BKFR.	WIRE & CONDUIT	LOAD - VA	CIR. No.	DESCRIPTION	NOTE	CIR. BKFR.	WIRE & CONDUIT	LOAD - VA	CIR. No.	DESCRIPTION	NOTE	CIR. BKFR.	WIRE & CONDUIT	LOAD - VA	
1	LIGHT SQUAD RM		20/1	EXISTING		2	REC RADIO RM		20/1	EXISTING		2	REC RADIO RM		20/1	2#12, 1#12G IN 1" C	270	
3	LIGHT RADIO RM		20/1	EXISTING		4	REC RADIO RM		20/1	EXISTING		4	REC RADIO RM		20/1	2#12, 1#12G IN 1" C	270	
5	LIGHT LOBBY		20/1	EXISTING		6	REC DOOR ALARM		20/1	EXISTING		6	REC DOOR ALARM		20/1	EXTEND EXISTING	300	
7	LIGHT LIEUTENANT'S OFFICE		20/1	EXISTING		8	REC RADIO RM		20/1	EXISTING		8	REC RADIO RM		20/1	2#12, 1#12G IN 1" C	232	
9	LIGHT ENTRANCE		20/1	EXISTING		10	REC RADIO RM		20/1	EXISTING		10	REC RADIO RM		20/1	EXTEND EXISTING	100	
11	LIGHT SERGEANT'S OFFICE		20/1	EXISTING		12	HAND DRYER WOMEN'S LOCKER		20/2	EXISTING		12	HAND DRYER WOMEN'S LOCKER		20/2	EXTEND EXISTING	232	
13	LIGHT BACK ENTRANCE		20/1	EXISTING		14			-	-		14			-	-		
15	LIGHT CORRIDOR		20/1	EXISTING		16	HAND DRYER MEN'S LOCKER		20/2	EXISTING		16	HAND DRYER MEN'S LOCKER		20/2	EXTEND EXISTING	480	
17	LIGHT WOMEN'S LOCKER RM		20/1	EXISTING		18			-	-		18			-	-		
19	REC STONE RM		20/1	EXISTING		20			20/1	EXISTING		20			20/1	MXL	200	
21	LIGHT MEN'S LOCKER RM		20/1	EXISTING		22	POD		20/1	EXISTING		22	POD		20/1	EXTEND EXISTING	720	
23	LIGHT INTERROGATION RM		20/1	EXISTING		24	UNIT HEATER REAR ENTRANCE		20/1	EXISTING		24	UNIT HEATER REAR ENTRANCE		20/1	EXTEND EXISTING	100	
25	REC SQUAD RM		20/1	EXISTING		26	SPARE WOMEN'S LOCKER CEILING		20/1	EXISTING		26	SPARE WOMEN'S LOCKER CEILING		20/1	EXTEND EXISTING	1500	
27	REC LOBBY		20/1	EXISTING		28	SPARE WAREHOUSE CEILING		20/1	EXISTING		28	SPARE WAREHOUSE CEILING		20/1	EXTEND EXISTING	180	
29	REC INTERROGATION RM		20/1	EXISTING		30	SPARE COMMANDER'S CLOSET CEIL.		20/1	EXISTING		30	SPARE COMMANDER'S CLOSET CEIL.		20/1	EXTEND EXISTING	180	
31	REC SERGEANT'S RM		20/1	EXISTING		32	SPARE FRONT ENTRANCE		20/1	EXISTING		32	SPARE FRONT ENTRANCE		20/1	EXTEND EXISTING	720	
33	REC MEN'S LOCKER RM		20/1	EXISTING		34	SPARE		20/1	EXISTING		34	SPARE		20/1	EXTEND EXISTING	180	
35	REC WOMEN'S LOCKER RM		20/1	EXISTING		36	SPARE		20/1	EXISTING		36	SPARE		20/1	EXTEND EXISTING	180	
37	REC RADIO SHELF		20/1	EXISTING		38	SPARE		20/1	EXISTING		38	SPARE		20/1	EXTEND EXISTING	540	
39	REC RADIO SHELF		20/1	EXISTING		40	CIRCUIT TO FRONT PD ENTRANCE		20/2	EXISTING		40	CIRCUIT TO FRONT PD ENTRANCE		20/2	EXTEND EXISTING	540	
41	SPARE		20/1	EXISTING		42			-	-		42			-	-		
					0	0	0				0	0	0					

CONNECTED LOAD:
 AØ 0.00 KVA
 BØ 0.00 KVA
 CØ 0.00 KVA
 TOTAL 0.00 KVA 0.00 A
 DMØ 0.00 KVA 0.00 A

NOTES:
 X ISOLATED NEUTRAL BUS
 X EQUIPMENT GROUND BUS
 NOTES: GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH THE NEC.

PANEL NAME		TYPE: SQUARE D TYPE NQ		LOCATION: HALL 157													
NEW		CIRCUIT BREAKER MOUNTING SPACE: 42		VOLTAGE: 208Y120V, 3-PHASE, 4-WIRE													
PD		MAIN BUS RATING: 125 AMPS		PANEL MOUNTING: RECESSED													
		MAIN LUG ONLY		PANEL ENCLOSURE (NEMA): 1													
				PANEL MIN. A. I. C. RATING: 10K													
CIR. No.	DESCRIPTION	NOTE	CIR. BKFR.	WIRE & CONDUIT	LOAD - VA	CIR. No.	DESCRIPTION	NOTE	CIR. BKFR.	WIRE & CONDUIT	LOAD - VA	CIR. No.	DESCRIPTION	NOTE	CIR. BKFR.	WIRE & CONDUIT	LOAD - VA
1	LIGHT SQUAD RM		2	20/1	2#12, 1#12G IN 1" C	2	REC RADIO RM WORKSTATION		20/1	2#12, 1#12G IN 1" C	270	2	REC RADIO RM WORKSTATION		20/1	2#12, 1#12G IN 1" C	270
3	LIGHT RADIO RM		2	20/1	2#12, 1#12G IN 1" C	4	REC RADIO RM WORKSTATION		20/1	2#12, 1#12G IN 1" C	270	4	REC RADIO RM WORKSTATION		20/1	2#12, 1#12G IN 1" C	270
5	LIGHT LOBBY		1	20/1	EXTEND EXISTING	6	REC DOOR ALARM		20/1	EXTEND EXISTING	300	6	REC DOOR ALARM		20/1	EXTEND EXISTING	300
7	LIGHT LIEUTENANT'S OFFICE		1	20/1	EXTEND EXISTING	8	REC RADIO RM INTERCOM		20/1	2#12, 1#12G IN 1" C	232	8	REC RADIO RM INTERCOM		20/1	2#12, 1#12G IN 1" C	232
9	LIGHT ENTRANCE		1	20/1	EXTEND EXISTING	10	REC RADIO RM		20/1	2#12, 1#12G IN 1" C	100	10	REC RADIO RM		20/1	2#12, 1#12G IN 1" C	100
11	LIGHT SERGEANT'S OFFICE		1	20/1	EXTEND EXISTING	12	HAND DRYER WOMEN'S LOCKER		20/2	EXTEND EXISTING	232	12	HAND DRYER WOMEN'S LOCKER		20/2	EXTEND EXISTING	232
13	LIGHT BACK ENTRANCE		1	20/1	EXTEND EXISTING	14			-	-		14			-	-	
15	LIGHT CORRIDOR		1	20/1	EXTEND EXISTING	16	HAND DRYER MEN'S LOCKER		20/2	EXTEND EXISTING	480	16	HAND DRYER MEN'S LOCKER		20/2	EXTEND EXISTING	480
17	LIGHT WOMEN'S LOCKER RM		1	20/1	EXTEND EXISTING	18			-	-		18			-	-	
19	REC STONE RM		1	20/1	EXTEND EXISTING	20			20/1	EXTEND EXISTING	200	20			20/1	MXL	200
21	LIGHT MEN'S LOCKER RM		1	20/1	EXTEND EXISTING	22	POD		20/1	EXTEND EXISTING	720	22	POD		20/1	EXTEND EXISTING	720
23	LIGHT INTERROGATION RM		1	20/1	EXTEND EXISTING	24	UNIT HEATER REAR ENTRANCE		20/1	EXTEND EXISTING	100	24	UNIT HEATER REAR ENTRANCE		20/1	EXTEND EXISTING	100
25	REC SQUAD RM		2	20/1	2#12, 1#12G IN 1" C	26	SPARE WOMEN'S LOCKER CEILING		20/1	EXTEND EXISTING	1500	26	SPARE WOMEN'S LOCKER CEILING		20/1	EXTEND EXISTING	1500
27	REC LOBBY		1	20/1	EXTEND EXISTING	28	SPARE WAREHOUSE CEILING		20/1	EXTEND EXISTING	180	28	SPARE WAREHOUSE CEILING		20/1	EXTEND EXISTING	180
29	REC INTERROGATION RM		1	20/1	EXTEND EXISTING	30	SPARE COMMANDER'S CLOSET CEIL.		20/1	EXTEND EXISTING	180	30	SPARE COMMANDER'S CLOSET CEIL.		20/1	EXTEND EXISTING	180
31	REC SERGEANT'S RM		1	20/1	EXTEND EXISTING	32	SPARE FRONT ENTRANCE		20/1	EXTEND EXISTING	720	32	SPARE FRONT ENTRANCE		20/1	EXTEND EXISTING	720
33	REC MEN'S LOCKER RM		1	20/1	EXTEND EXISTING	34	SPARE		20/1								

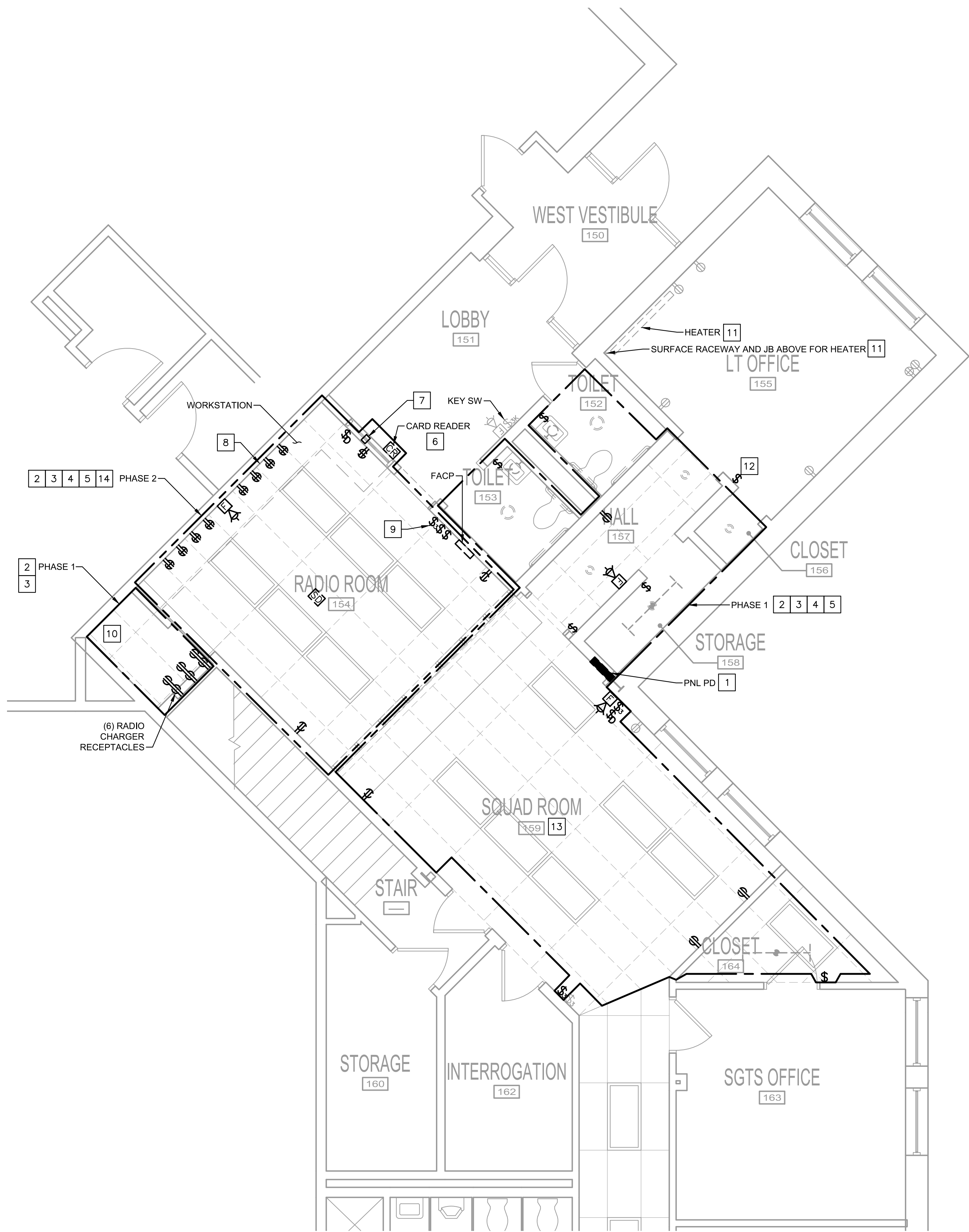
WORK SHALL BE DONE IN PHASES.
COORDINATE ALL WORK WITH OTHER
INSTALLATIONS.

DRAWING NOTES:

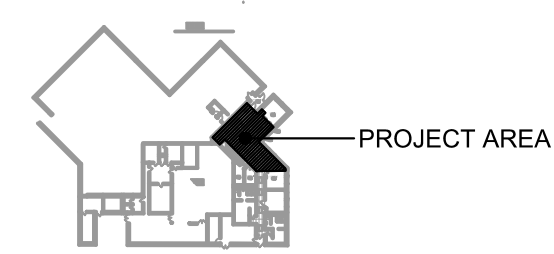
1. UNLESS NOTED OTHERWISE, EXISTING LIGHTING, EQUIPMENT, AND DEVICES SHALL REMAIN.
2. COORDINATE ELECTRICAL DEMOLITION WORK WITH HVAC EQUIPMENT DEMOLITION WORK.
3. COORDINATE AND SCHEDULE WITH AUTHORITY FOR ANY INTERRUPTION.
4. MAINTAIN CIRCUIT CONTINUITY FOR REMAINING RECEPTACLES AND LIGHTING FIXTURES THAT ARE ON THE SAME CIRCUITS WITH THOSE THAT ARE INDICATED TO BE DEMOLISHED.

REFERENCED NOTES (APPLY TO THIS DRAWING WHERE INDICATED):

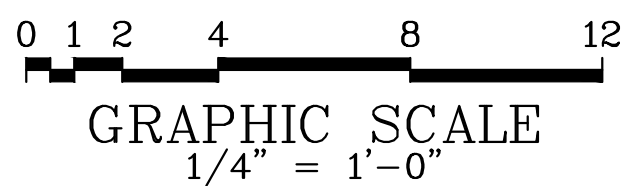
1. ONCE NEW PANEL IS INSTALLED, DISCONNECT AND REMOVE PANEL PD. PULL REMAINING WIRING UP TO ACCESSIBLE CEILING TO ALLOW FOR RECONNECTION TO NEW PANEL.
2. DISCONNECT AND REMOVE LIGHTING FIXTURES. REMOVE ASSOCIATED LIGHT SWITCHES. REMOVE WIRING AND CONDUITS BACK TO SOURCE.
3. DISCONNECT AND REMOVE RECEPTACLES. REMOVE ASSOCIATED WIRING AND CONDUITS BACK TO SOURCE.
4. DISCONNECT AND REMOVE LOW-VOLTAGE JACKS. REMOVE ASSOCIATED CABLING AND CONDUITS BACK TO SOURCE.
5. RELOCATION WORK FOR FIRE ALARM CONTROL PANEL AND ASSOCIATED CABLING BY OTHERS.
6. DEMOLITION WORK FOR CARD READER, DOOR LOCK, DOOR RELEASE BUTTON, AND ASSOCIATED CABLING BY OTHERS.
7. DEMOLITION WORK FOR INTERCOM SYSTEM ON WINDOW AND ASSOCIATED CABLING BY OTHERS.
8. TEMPORARILY MAINTAIN DISPATCH EQUIPMENT OPERATION UNTIL CUT OVER TO TEMPORARY WORKSTATION IN SQUAD ROOM.
9. THIS SWITCH IS WORKING IN CONJUNCTION WITH KEY SWITCH IN LOBBY FOR LOBBY LIGHTING. DISCONNECT, REMOVE, AND INSTALLED NEW SWITCH SHOWN ON LIGHTING PLAN TO KEEP LOBBY LIGHTING IN OPERATION.
10. COORDINATE WITH AUTHORITY AND DISPATCH EQUIPMENT VENDOR TO PREPARE THIS AREA FOR NEW EQUIPMENT RACK.
11. DISCONNECT ELECTRIC BASEBOARD HEATER. DETACH FIN TUBE BASEBOARD RADIATION'S CONTROL CABLING SUPPORTED ON THE ELECTRIC BASEBOARD HEATER'S SURFACE RACEWAY. REMOVE ELECTRIC BASEBOARD HEATER'S WIRING AND SURFACE RACEWAY BACK TO JUNCTION BOX MOUNTED HIGH ON WALL. COORDINATE WITH MECHANICAL TO REROUTE FIN TUBE BASEBOARD RADIATION'S CONTROL CABLING.
12. DISCONNECT AND REMOVE LIGHT SWITCH. RETAIN WIRING FOR RECONNECTION. PROTECT WIRING DURING PARTIAL WALL DEMOLITION.
13. COORDINATE WITH AUTHORITY AND DISPATCH EQUIPMENT VENDOR TO PREPARE THIS AREA FOR TEMPORARY WORKSTATION AND WALL-MOUNTED DISPLAY INSTALLATION.
14. REMOVE WIRING AND CONDUITS FOUND UNDER RAISED FLOOR. REROUTE ANY REMAINING CIRCUIT VIA WALLS AND ACCESSIBLE CEILING.



1
E-100 ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: NONE



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CAPE MAY – LEWES FERRY

CONTRACT NO. CMLF-C19-06
TERMINAL POLICE AND ADMINISTRATION
BUILDING – DISPATCH CENTER REHAB

ELECTRICAL DEMOLITION PLAN

E-100

DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 20

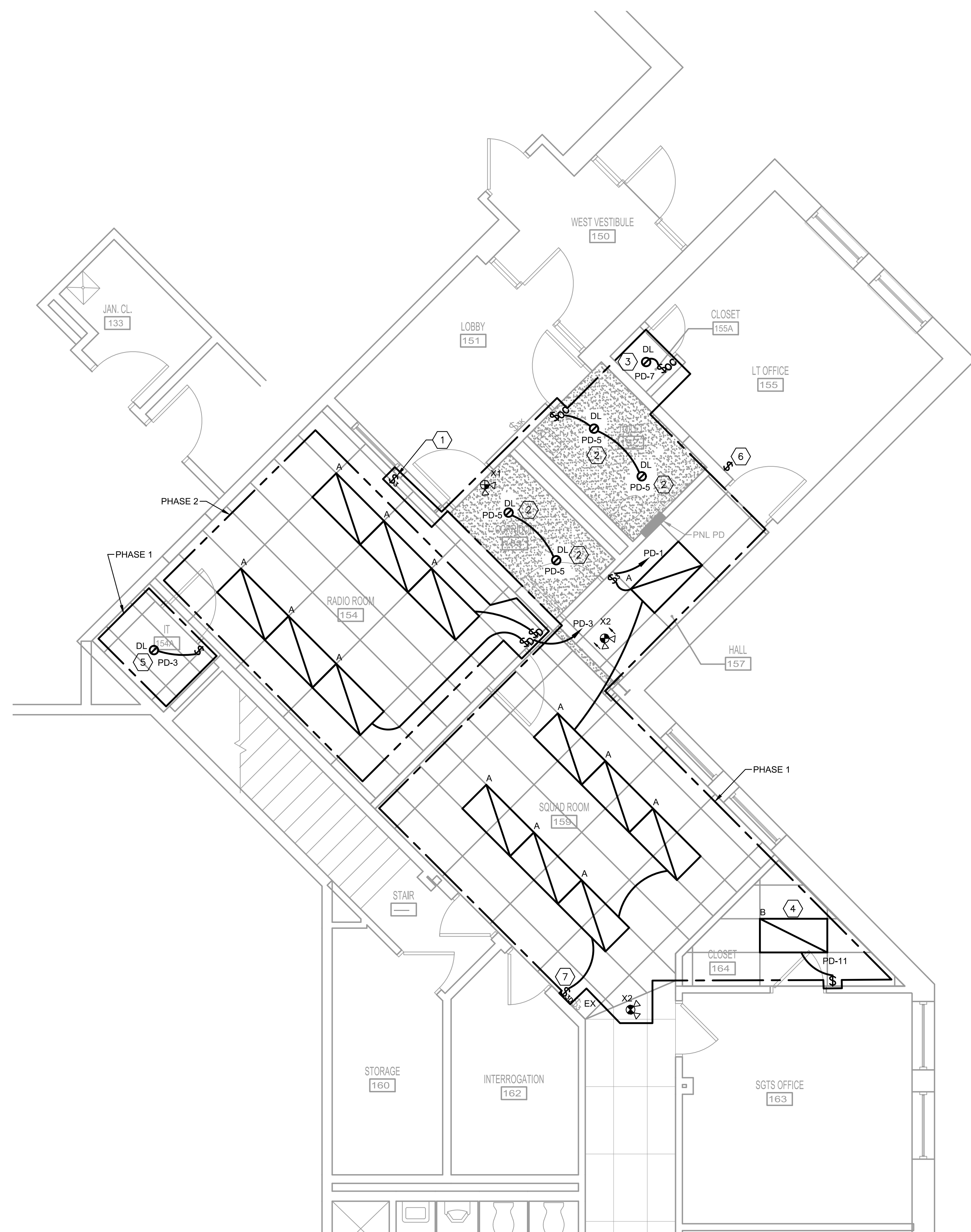
WORK SHALL BE DONE IN PHASES.
COORDINATE ALL WORK WITH OTHER
INSTALLATIONS.

DRAWINGS NOTES:

- COORDINATE WITH CEILING INSTALLATION.
- CONNECT EXIT SIGNS TO THE SAME CIRCUIT SERVING AREAS AHEAD OF ANY SWITCHING DEVICES.

SPECIFIC NOTES (APPLY TO THIS DRAWING WHERE INDICATED):

- CONNECT TO CONTROL EXISTING LOBBY LIGHTING FIXTURES.
- CONNECT TO EXISTING LOBBY LIGHTING CIRCUIT INDICATED.
- CONNECT TO EXISTING LT OFFICE'S LIGHTING CIRCUIT INDICATED.
- CONNECT TO EXISTING SGT'S OFFICE'S LIGHTING CIRCUIT INDICATED.
- CONNECT TO EXISTING RADIO ROOM'S LIGHTING CIRCUIT INDICATED.
- PROVIDE LIGHT SWITCH AND CONNECT TO EXISTING CIRCUIT WIRING.
- PROVIDE DOUBLE GANG WALL PLATE FOR NEW DIMMER AND EXISTING LIGHT SWITCH.

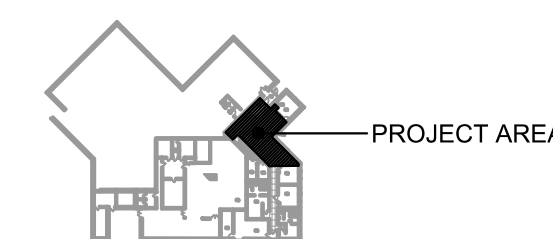


1 LIGHTING PLAN
SCALE: 1/4" = 1'-0"

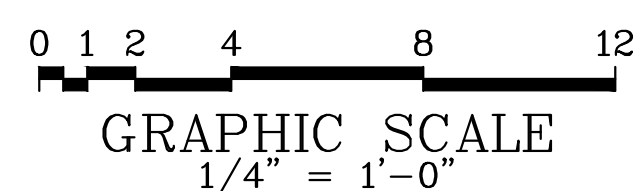
LIGHTING FIXTURE SCHEDULE										
TYPE	DESCRIPTION	VOLTS	LAMP TYPE	WATTS	LUMENS	KELVIN	MOUNTING	MANUFACTURER	MODEL SERIES	REMARKS/ACCESSORIES
A	2' X 4' LED CENTER RECTANGULAR BASKET, 80+ CRI, 0-10V DIMMING, IC/PLENUM/AIR RETURN RATED	UNV 120-277	LED	36.2	4276	3500	RECESSED	DAYBRITE	FG FLUXGRID SERIES	PROVIDE COMPATIBLE DIMMERS.
B	2' X 4' FLAT PANEL LED, 80+ CRI, 0-10V DIMMING, IC/PLENUM/AIR RETURN RATED	UNV 120-277	LED	38	4118	3500	RECESSED	LITHONIA OR DAYRITE	EPANL LED SERIES OR FXP FLUXPANEL LED SERIES	
DL	6" ROUND LED DOWNLIGHT, SPECULAR REFLECTOR, WHITE FLANGE, 0-10V DIMMING, IC/PLENUM/AIR RETURN RATED	UNV 120-277	LED	21	2000	3500	RECESSED	LIGHTOLIER	LYTEPROFILE SERIES	
X1	LED COMBO EXIT SIGN WITH DUAL HEADS, SINGLE-FACE, NI-CAD BATTERY, SELF-DIAGNOSTICS, CHEVRONS	120	LED	4.3	-	-	WALL SURFACE	LITHONIA	LHQM LED SERIES	
X2	LED COMBO EXIT SIGN WITH DUAL HEADS, DOUBLE-FACE, NI-CAD BATTERY, SELF-DIAGNOSTICS, CHEVRONS	120	LED	4.3	-	-	CEILING SURFACE	LITHONIA	LHQM LED SERIES	

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

- LETTER AT LIGHTING FIXTURE IS THE FIXTURE TYPE. NL = NIGHT LIGHT THAT CONNECTED AHEAD OF SWITCHING DEVICES.
- ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENTS, IN STRICT ACCORDANCE WITH NEC ARTICLE 410, AND SHALL PROPERLY AND SUITABLY SUPPORT THE WEIGHT OF ANY FIXTURE INSTALLED.
- MANUFACTURERS LISTED ARE BASIS OF DESIGN. IF OTHER THAN BASIS OF DESIGN MANUFACTURERS ARE SUBMITTED, PROVIDE FIXTURE CUTSHEETS AND EXPLANATION OF DIFFERENCES BETWEEN BASIS OF DESIGN AND PROPOSED ALTERNATE FIXTURE. ALL NON BASIS OF DESIGN SUBMITTED FIXTURES ARE SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER.



KEY PLAN
SCALE: NONE



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BUILDING – DISPATCH CENTER REHAB

LIGHTING PLAN

E-101

DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 21

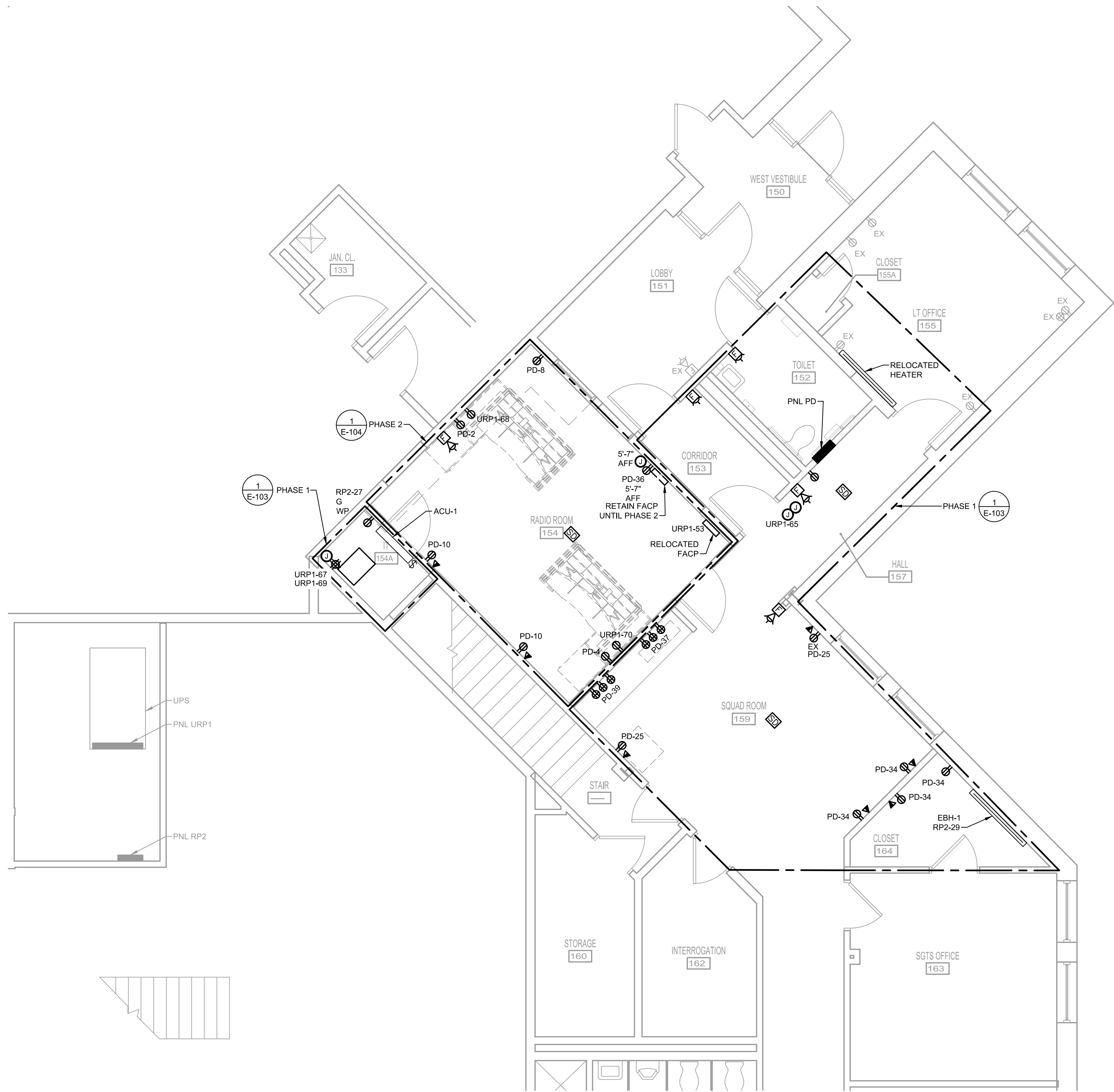
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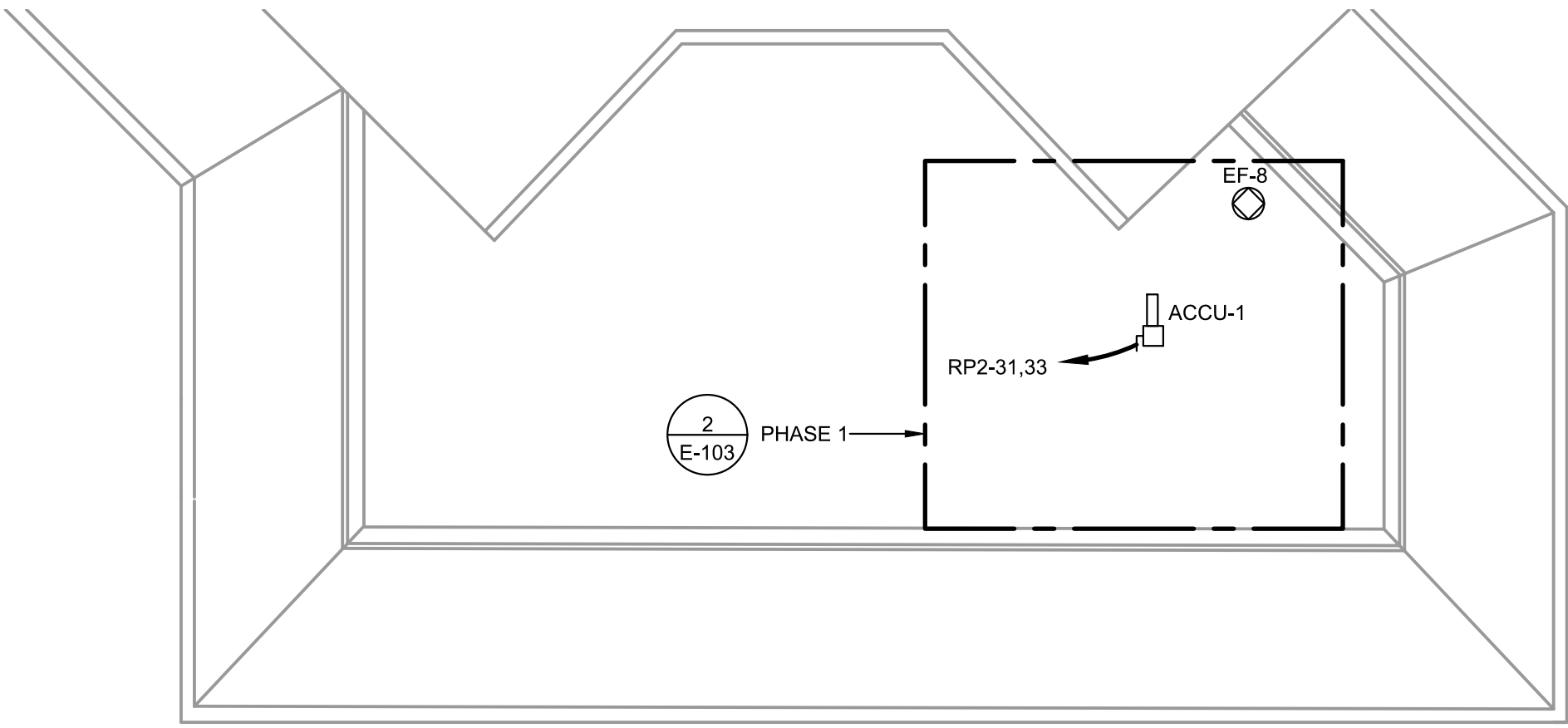
WORK SHALL BE DONE IN PHASES.
COORDINATE ALL WORK WITH OTHER
INSTALLATIONS.

DRAWING NOTES:

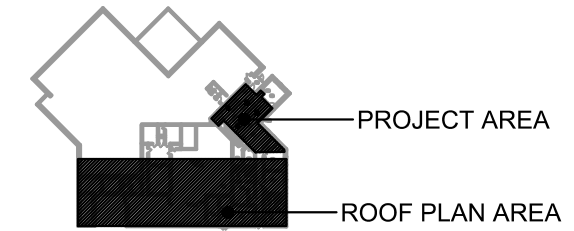
1. REFER TO PHASE 1 AND PHASE 2 PLANS FOR SPECIFIC NOTES.
2. REFER TO E-105 FOR SECURITY ACCESS SYSTEM REQUIREMENTS.



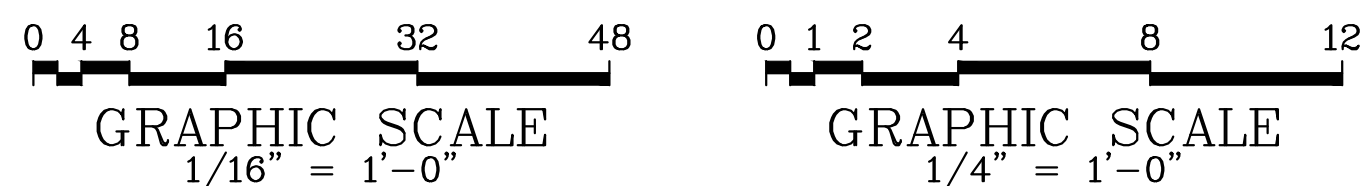
1
E-102 **POWER AND LOW-VOLTAGE PLANS - OVERALL**
SCALE: 1/4" = 1'-0"



2
E-102 **ROOF PLAN**
SCALE: 1/16" = 1'-0"



KEY PLAN
SCALE: NONE



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**POWER AND
LOW-VOLTAGE PLANS -
OVERALL**

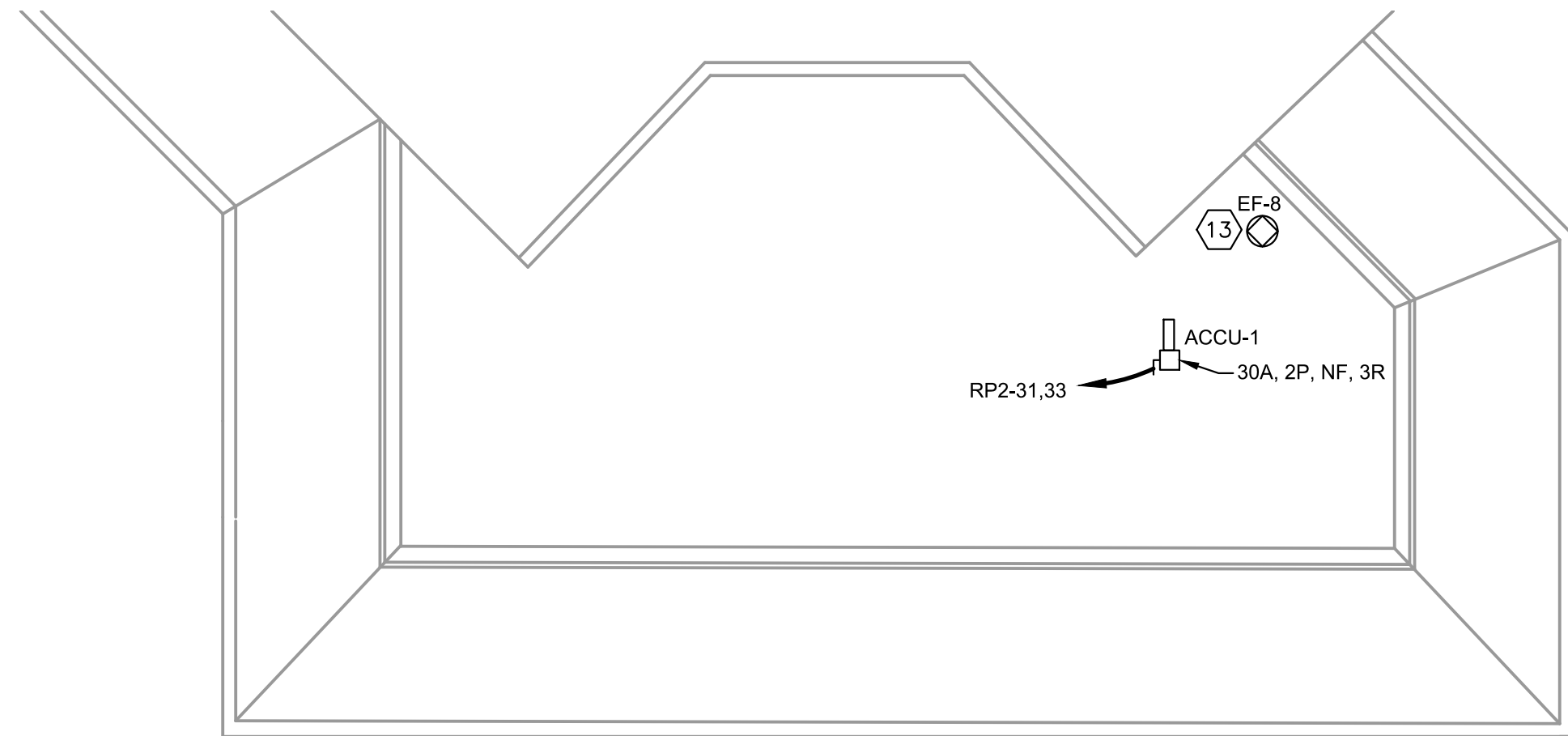
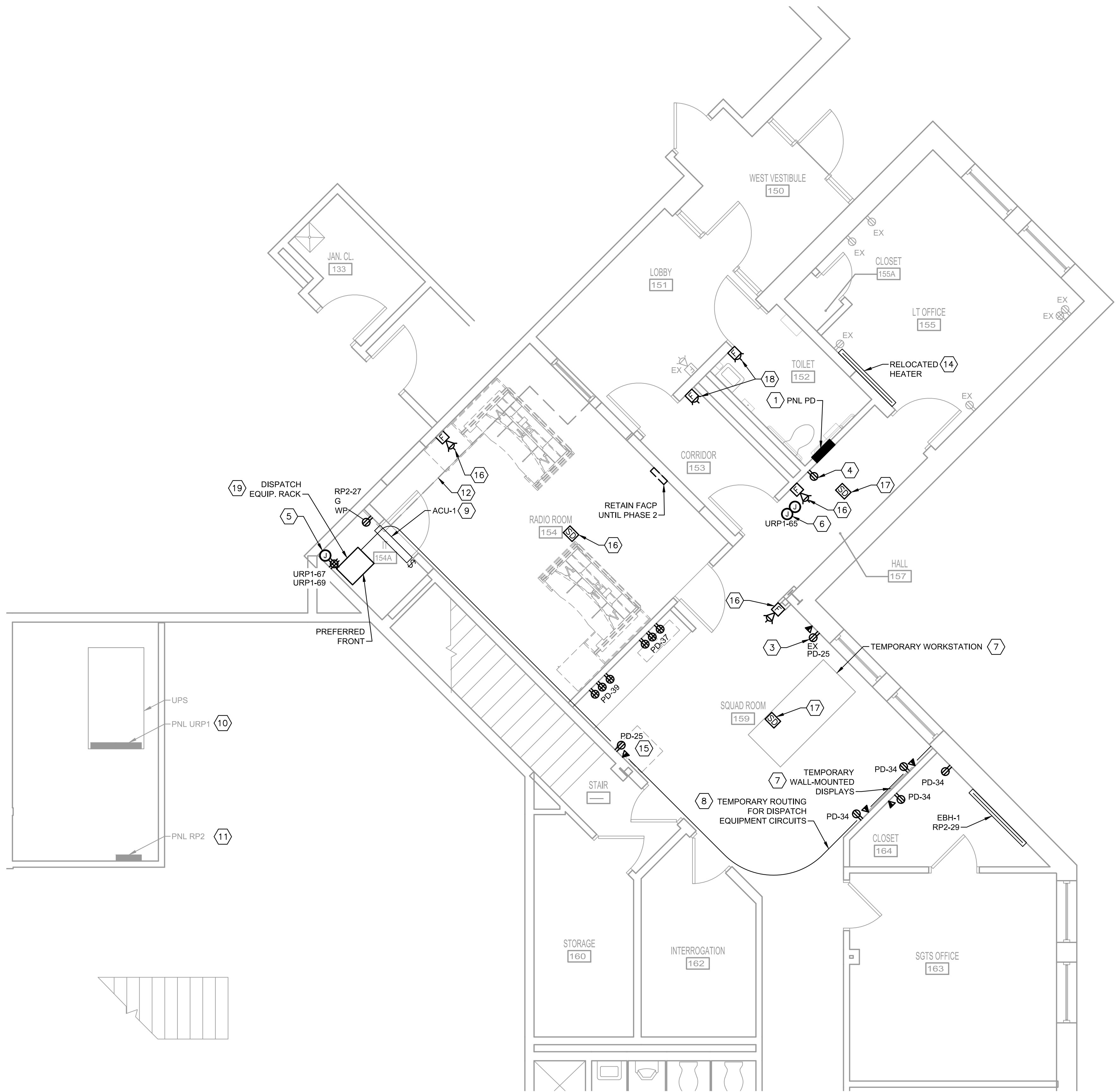
E-102

DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 22

WORK SHALL BE DONE IN PHASES.
COORDINATE ALL WORK WITH OTHER
INSTALLATIONS.

**SPECIFIC NOTES (APPLY TO THIS
DRAWING WHERE INDICATED):**

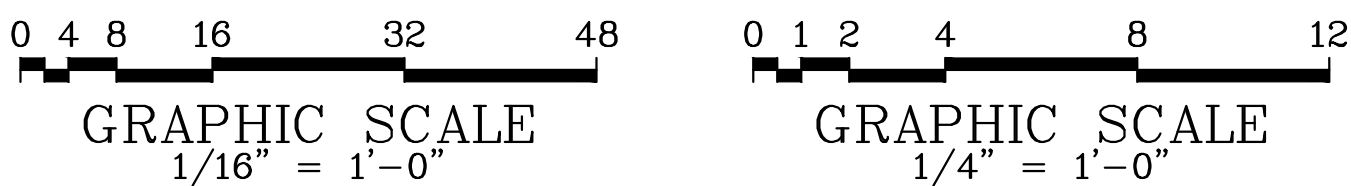
- 1 TRANSFER ALL EXISTING CIRCUITS TO THIS PANEL PRIOR TO REMOVING EXISTING PANEL. INTERCEPT EXISTING FEEDER AND BRANCH CIRCUITS WITH JUNCTION BOXES ABOVE ACCESSIBLE CEILING. PROVIDE WIRING AND CONDUITS TO EXTEND CIRCUITS TO THIS PANEL. COORDINATE WITH DUCTWORK AND PIPING INSTALLATIONS.
- 2 RECESSED BOX WITH CABLE-THROUGH COVER PLATE FOR WALL-MOUNTED DISPLAY. FIELD VERIFIED AND COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH DISPATCH EQUIPMENT VENDOR (ACTIVU).
- 3 REPLACE RECEPTACLE AND COVER PLATE.
- 4 CONNECT TO EXISTING RECEPTACLE CIRCUIT SERVING THE AREA. EXTEND EXISTING CIRCUIT WIRING AS REQUIRED.
- 5 PROVIDE PULL BOX FOR DATA CABLING.
- 6 PROVIDE POWER AND SECURITY BOXES ABOVE ACCESSIBLE CEILING FOR DOOR SECURITY SYSTEM CONNECTIONS (CORRIDOR 153 DOORS, RADIO ROOM 154 DOOR, AND CLOSET 164 DOOR).
- 7 UTILIZE EXISTING RECEPTACLES FOR TEMPORARY WORKSTATION AND WALL-MOUNTED DISPLAY. WORKSTATION AND WALL-MOUNTED DISPLAYS SHALL BE RELOCATED TO RADIO ROOM IN PHASE 2. COORDINATE ALL WORKS WITH AUTHORITY AND DISPATCH EQUIPMENT VENDOR.
- 8 ALL CABLING SHALL BE PROVIDED BY DISPATCH EQUIPMENT VENDOR.
- 9 CONNECT INDOOR UNIT TO OUTDOOR UNIT WITH 3#12, 1#12G IN3/4"C VIA SWITCH.
- 10 CONNECT DISPATCH EQUIPMENT RACK'S RECEPTACLES AND DOOR SECURITY EQUIPMENT TO EXISTING 20A/1P CIRCUIT BREAKERS INDICATED. UPDATE CIRCUIT DIRECTORY.
- 11 CONNECT CONDENSATE PUMP RECEPTACLE AND EBH-1 TO EXISTING 20A/1P CIRCUIT BREAKERS INDICATED. PROVIDE 30A/2P CIRCUIT BREAKER IN AVAILABLE SLOTS FOR OUTDOOR UNIT ACCU-1. UPDATE CIRCUIT DIRECTORY.
- 12 TEMPORARILY MAINTAIN EXISTING WORKSTATION AND WALL-MOUNTED DISPLAYS OPERATIONAL UNTIL CUTOVER.
- 13 DISCONNECT EXISTING TO ALLOW FOR FAN REPLACEMENT. REPLACE EXISTING WIRING BACK TO PANEL P IN ELECTRICAL ROOM BELOW. WIRING SHALL BE 3#12, 1#12G IN EXISTING 3/4" CONDUIT. CONNECT TO MECHANICAL PROVIDED DISCONNECT AND DRIVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- 14 EXTEND EXISTING CIRCUIT IN JUNCTION BOX TO RELOCATED ELECTRIC BASEBOARD HEATER WITH 2#12, 1#12G IN METAL SURFACE RACEWAY.
- 15 PROVIDE TEMPORARY 20A POWER STRIP WITH (6) RECEPTACLES FOR RADIO CHARGERS. COORDINATE WITH OWNER FOR EXACT LOCATION.
- 16 REINSTALLATION OF FIRE ALARM DEVICE / APPLIANCE AND ASSOCIATED CABLING BY OTHERS.
- 17 FIRE ALARM DEVICE AND ASSOCIATED CABLING BY OTHERS.
- 18 FIRE ALARM STROBE AND ASSOCIATED CABLING BY OTHERS.
- 19 COORDINATE WITH DISPATCH EQUIPMENT VENDOR TO REQUIRE 36" CLEARANCE FROM FRONT AND 24" CLEARANCE ON ON SIDE.



1 POWER AND LOW-VOLTAGE PLANS - PHASE 1
SCALE: 1/4" = 1'-0"

2 ROOF PLAN
SCALE: 1/16" = 1'-0"

KEY PLAN
SCALE: NONE



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**POWER AND
LOW-VOLTAGE PLANS –
PHASE 1**

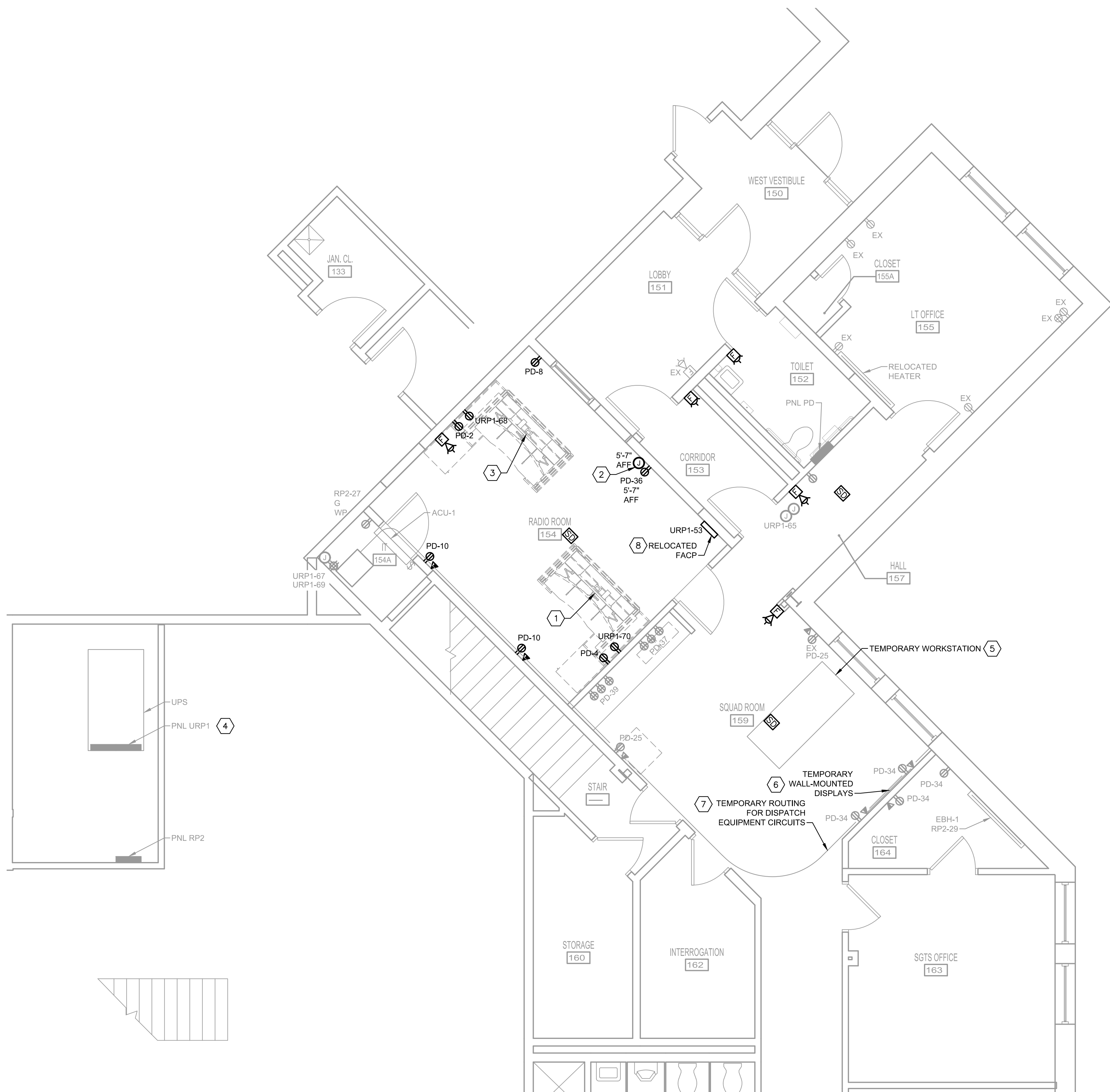
E-103

DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 23

WORK SHALL BE DONE IN PHASES.
COORDINATE ALL WORK WITH OTHER
INSTALLATIONS.

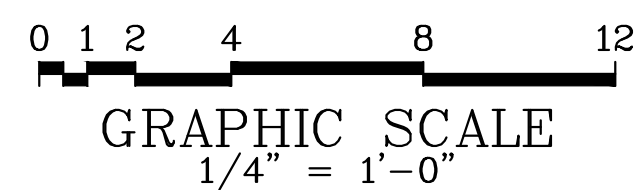
**SPECIFIC NOTES: (APPLY TO THIS
DRAWING WHERE INDICATED):**

- 1 INSTALL RECEPTACLES FOR THIS WORKSTATION PRIOR TO REMOVING EXISTING WORKSTATION.
- 2 RECESSED BOX WITH CABLE-THROUGH COVER PLATE FOR WALL-MOUNTED DISPLAY. FIELD VERIFIED AND COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH DISPATCH EQUIPMENT VENDOR.
- 3 ONCE EXISTING WORKSTATION REMOVED, INSTALL RECEPTACLES FOR THIS RELOCATED WORKSTATION FROM SQUAD ROOM.
- 4 CONNECT WORKSTATION'S RECEPTACLES TO EXISTING 20A/1P CIRCUIT BREAKERS INDICATED. UPDATE CIRCUIT DIRECTORY.
- 5 RELOCATE TEMPORARY WORKSTATION TO RADIO ROOM.
- 6 RELOCATE DISPLAYS TO RADIO ROOM.
- 7 REMOVE TEMPORARY CABLING.
- 8 RELOCATION WORK FOR FIRE ALARM CONTROL PANEL AND ASSOCIATED CABLING BY OTHERS.



1 POWER AND LOW-VOLTAGE PLAN - PHASE 2
E-104 SCALE: 1/4" = 1'-0"

KEY PLAN
SCALE: NONE



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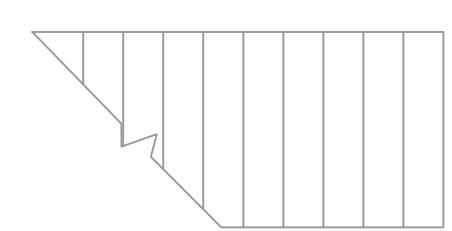
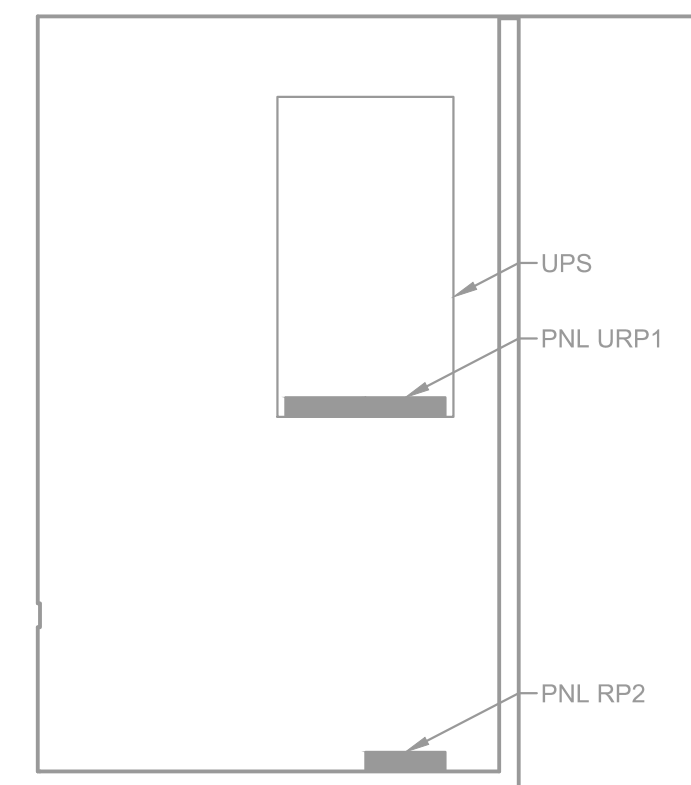
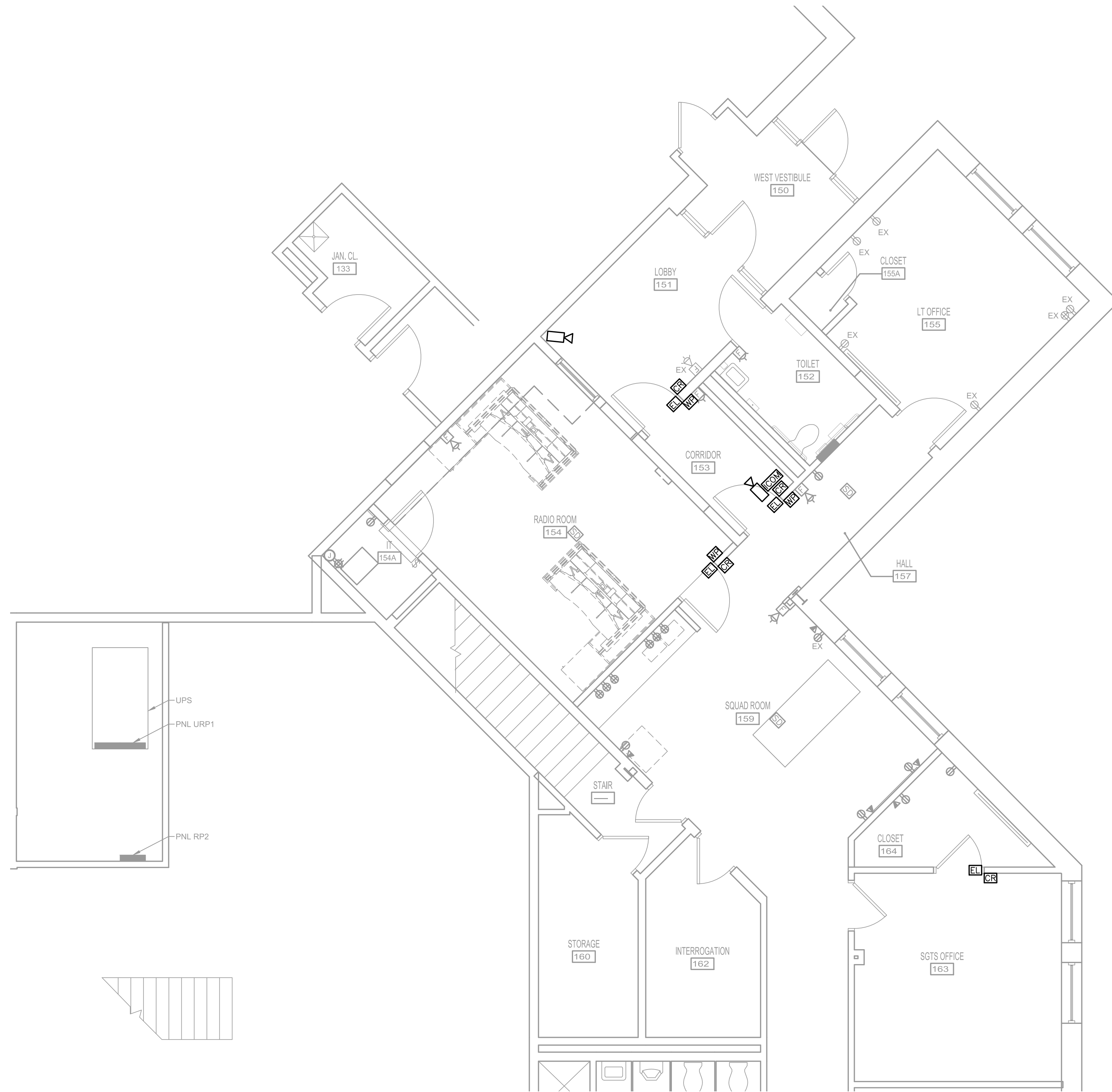
**POWER AND
LOW-VOLTAGE PLAN –
PHASE 2** E-104

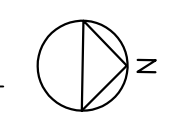
DATE: MAY 2022 SCALE: AS NOTED SHEET NO. 24

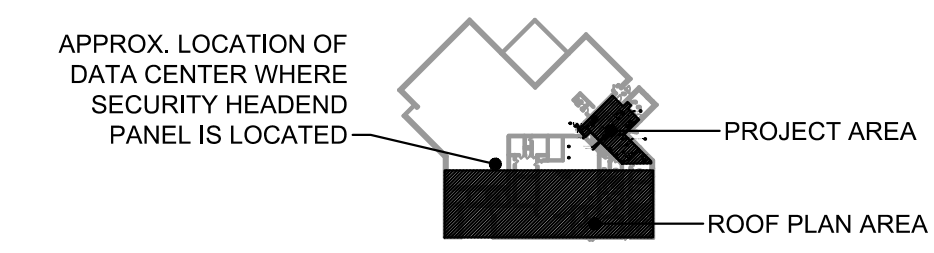
SECURITY ACCESS LEGEND

-  CARD READER
-  WAVE PLATE
-  ELECTRIC LOCK / STRIKE
-  VIDEO INTERCOM SYSTEM WITH CAMERA, MICROPHONE AND SPEAKER
-  IP CAMERA, DOME TYPE

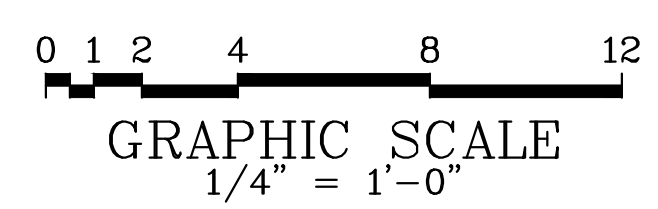
SECURITY ACCESS SYSTEM COMPONENTS.
RELATED CABLING AND CONDUITS ARE BY OTHERS.



1 SECURITY ACCESS PLAN
E-105 SCALE: 1/4" = 1'-0" 



KEY PLAN
SCALE: NONE 



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SECURITY ACCESS PLAN	E-105
DATE: MAY 2022	SCALE: AS NOTED
SHEET NO. 25	