



UNITED STATES COAST GUARD ACADEMY
NEW LONDON, CT (NEW LONDON COUNTY)
PSN 22020230 RELOCATE LIBRARY SPECIAL
COLLECTION, WAESCHE HALL



<u>BUILDING CODE INFORMATION</u>
INTERNATIONAL EXISTING BUILDING CODE (IEBC-ICC) - 2018
INTERNATIONAL BUILDING CODE (IBC-ICC) - 2018
INTERNATIONAL FIRE CODE (IFC-ICC) - 2018
INTERNATIONAL MECHANICAL CODE (IMC-ICC) - 2018
INTERNATIONAL PLUMBING CODE (IPC-ICC) - 2018
INTERNATIONAL ENERGY CONSERVATION CODE (IECC-ICC) - 2018
LIFE SAFETY CODE (NFPA 101) - 2021
NATIONAL ELECTRICAL CODE (NFPA 70) - 2017
ACCESSIBILITY STANDARD (ICC/ANSI A117.1-2009 & ADA REGULATIONS 2010)

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UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROVIDE ALL SUPERVISION, LABOR, EQUIPMENT AND MATERIAL NECESSARY TO PERFORM THE FOLLOWING WORK:

BASE BID:

1. REMODEL EXISTING OFFICE SPACES ON THE FIRST FLOOR OF WAESCHE HALL TO CONSTRUCT A NEW HIGH DENSITY BOOK STORAGE (SPECIAL COLLECTION) SPACE AND MECHANICAL ROOM.
2. PERFORM SELECTIVE DEMOLITION OF WALLS, EXISTING FINISHES AND SYSTEMS.
3. PROVIDE INTERIOR GYPSUM BOARD PARTITIONS, SHAFT WALLS AND CEILING ASSEMBLIES, DOOR FRAMES, ELECTRICAL LIGHTING, POWER AND DATA, MECHANICAL EQUIPMENT AND DUCTWORK.
4. REMOVE THE EXISTING SECOND FLOOR (SPECIAL COLLECTION) METAL WIRE CAGE ENCLOSURE AND ALL ASSOCIATED STRUCTURAL FRAMING AND FASTENERS.
5. REMOVE AND PROVIDE NEW DATA CABINETS AND CABLEING TO THE FIRST AND SECOND FLOORS.
6. PERFORM ALTERATIONS TO THE SECOND FLOOR BREAK-ROOM, PROVIDE NEW SINK, PLUMBING, DATA CABINET, CABLEING, AND POWER.
7. PROVIDE FIBER OPTIC CABLE FROM THE BASEMENT OF CHASE C ANNEX (DATA CLOSET C036) TO THE GROUND FLOOR OF WAESCHE HALL (ROOM 017). ALL CABLES SHALL BE RUN WITHIN THE EXISTING CONDUIT LOCATED BETWEEN BUILDINGS.

BID OPTION ITEM:

8. PROVIDE HIGH-DENSITY SHELVING SYSTEM (MOBILE BOOK STORAGE UNITS) AND INSTALL IN THE NEW SPECIAL COLLECTION SPACE ROOM 117.

M.N. COST, CDR 1/8/2024
 APPROVING OFFICER & DATE
 FACILITY ENGINEER

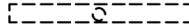
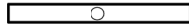
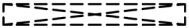
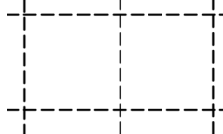
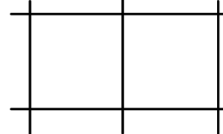
GERRY GOSSELIN, PE
 CHIEF, CONSTRUCTION & ENGINEERING

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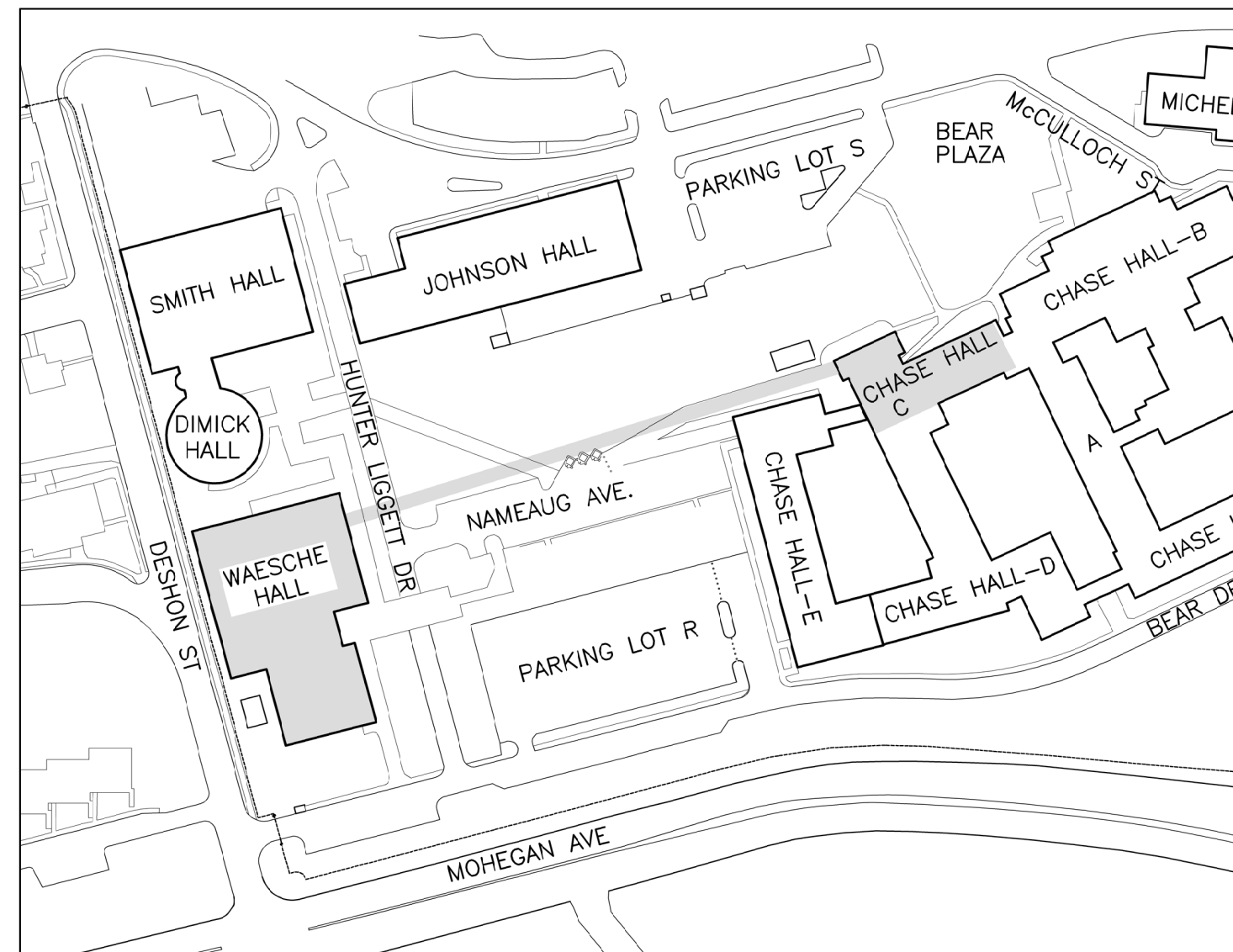
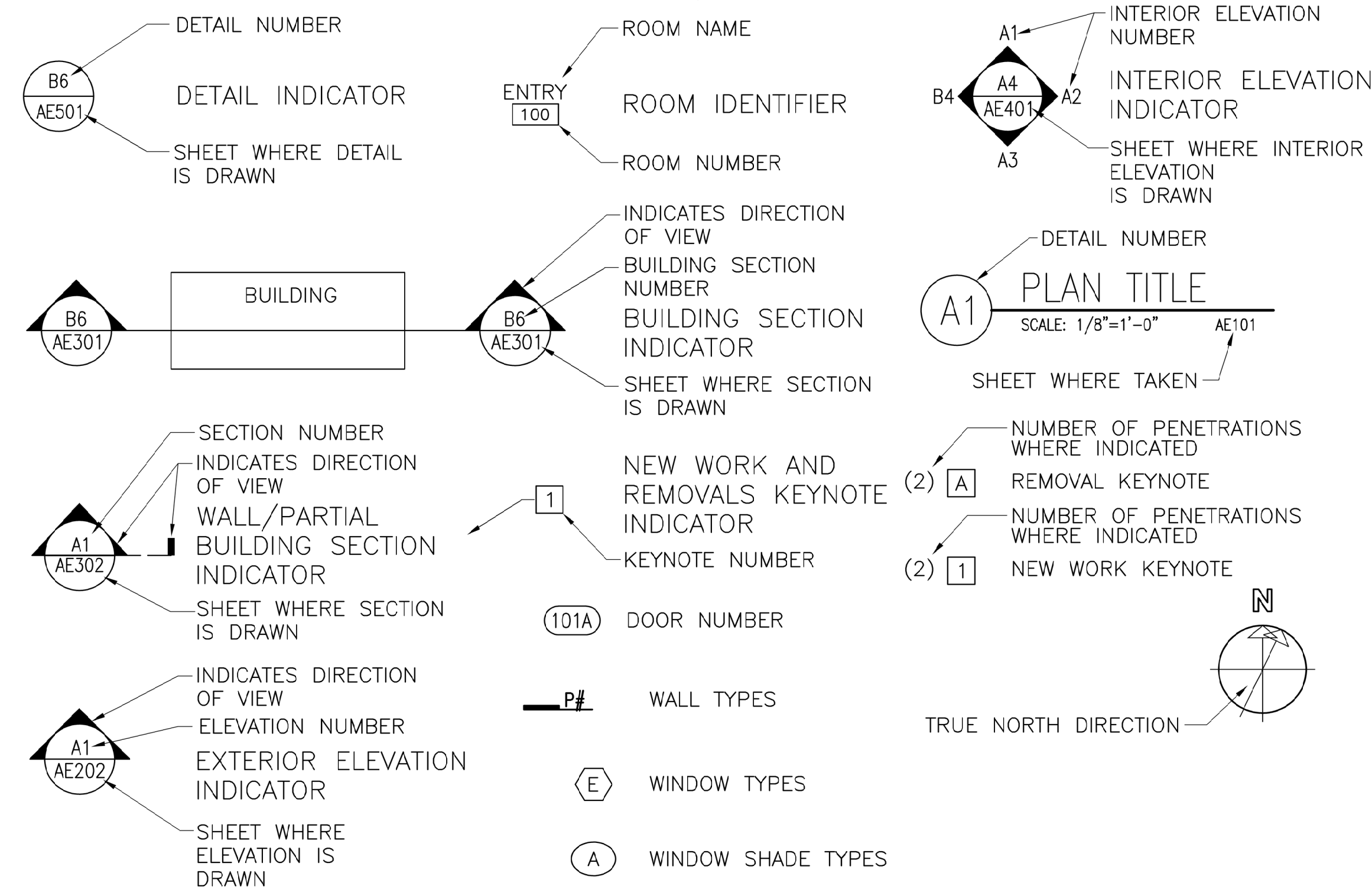
ABBREVIATIONS

AC	AIR CONDITIONER	DIA	DIAMETER	INSUL	INSULATION	SAN	SANITARY
ACT	ACOUSTICAL CEILING TILE	DIM	DIMENSION	JAN	JANITOR	SCHED	SCHEDULE
ADA	AMERICANS WITH DISABILITIES ACT	DN	DOWN	LF	LINEAR FOOT	SD	SMOKE DETECTOR
ADJ	ADJACENT	DS	DOWNSPOUT	MFR	MANUFACTURER	SSTR	SPEAKER STROBE
AFF	ABOVE FINISH FLOOR	DWGS	DRAWINGS	MAX	MAXIMUM	SF	SQUARE FEET
ALUM	ALUMINUM	ELEC	ELECTRICAL	MECH	MECHANICAL	SIM	SIMILAR
APPROX	APPROXIMATELY	ELEV	ELEVATION	MIN	MINIMUM	SS	STAINLESS STEEL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EQUIP	EQUIPMENT	MO	MASONRY OPENING	SSK	SERVICE SINK
AWP	ACOUSTICAL WALL PANEL	ETR	EXISTING TO REMAIN	MTL	METAL	STL	STEEL
BLDG	BUILDING	EXT	EXTERIOR	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	STRUCT	STRUCTURAL
CAB	CABINET	EXIST	EXISTING	(N)	NEW	SYS	SYSTEM
CI	CONTRACTOR INSTALLED	FEC	FIRE EXTINGUISHER CABINET	NIC	NOT IN CONTRACT	TAB	TESTING, ADJUSTING & BALANCING
CLG	CEILING	FF	FINISH FLOOR	NIS	NOT IN SCOPE	T.O.	TOP OF
CMU	CONCRETE MASONRY UNIT	GALV	GALVANIZED	OC	ON CENTER	TYP	TYPICAL
CONC	CONCRETE	GFE	GOVERNMENT FURNISHED EQUIPMENT	PLAST	PLASTER	U.O.N.	UNLESS OTHERWISE NOTED
CONT	CONTINUOUS	GYP BD	GYPSON BOARD	PLUMB	PLUMBING	U.S.	UNITED STATES
COORD	COORDINATE			PLYWD	PLYWOOD	USCG	UNITED STATES COAST GUARD
COR	CONTRACTING OFFICER'S REPRESENTATIVE	HDW	HARDWARE	PNT	PAINT	VCT	VINYL COMPOSITION TILE
		HM	HOLLOW METAL	PT	PRESSURE TREATED	VEST	VESTIBULE
CORR	CORRIDOR	HVAC	HEATING, VENTILATION AND AIR CONDITIONING	REINF	REINFORCED	VIF	VERIFY IN FIELD
CPIT	CARPET TILE			REQ'D	REQUIRED	WASH	WASHING MACHINE
CT	CERAMIC TILE	HRC	HOT WATER CIRC.	RFP	REQUEST FOR PROPOSAL	WC	WATER CLOSET
CW	COLD WATER	HW	HOT WATER	RM	ROOM	W/	WITH
CWT	CERAMIC WALL TILE			RO	ROUGH OPENING	WD	WOOD

LEGEND

REMOVE	NEW	TYPE
		RECEPTACLE OUTLET – 20A., 125V. DOUBLE DUPLEX GROUNDING TYPE, NEMA 5–20R, MTD. 18" AFF
		RECEPTACLE OUTLET – 20A., 125V., 2P., 3W. DUPLEX GROUNDING TYPE, NEMA 5–20R, MTD. 18" AFF UON
		DATA DROP / COMMUNICATIONS SYSTEM. QUADRAPLEX. MOUNT 18" AFF
		TELEPHONE (VOICE)/DATA COMMUNICATIONS SYSTEM QUADRAPLEX, MOUNT 18" AFF, UON, SEE SPECS
		NEW SWITCH – SINGLE POLE, 20A., 120/277V., MTD 48" AFF, SUBSCRIPT INDICATES SWITCH LEG (YTP)
		SWITCH – OCCUPANCY SENSOR SWITCH
		THERMOSTAT
		MASS NOTIFICATION SPEAKER STROBE WALL MOUNTED
		JUNCTION BOX
		SMOKE DETECTOR
		2.5" X 4' SUSPENDED LED LIGHT FIXTURE
		2X4 RECESSED LIGHT FIXTURE
		2X2 RECESSED LIGHT FIXTURE
		MECH RETURN GRILLE
		MECH SUPPLY GRILLE
		LINEAR SUPPLY MECH DIFFUSER
		2X2 SUSPENDED ACOUSTIC CEILING TILE (ACT) & GRID,
		HOMERUN TO SWITCH

SYMBOLS/LEGEND



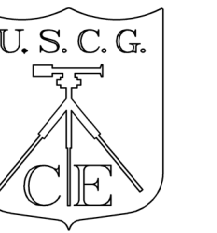
WORK AREA: FIBER OPTIC RUN FROM CHASE HALL ANNEX C TO WAESCHE HALL

GENERAL NOTES (APPLY TO ALL DRAWINGS)

1. UNLESS OTHERWISE INDICATED, ALL DRAWING NOTES ARE TO BE CONSIDERED AS NEW WORK TO BE PROVIDED BY THE CONTRACTOR.
2. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. NOTIFY THE CONTRACTING OFFICER (K.O.) OF ANY DISCREPANCIES. DO NOT PROCEED UNTIL CLARIFICATION IS PROVIDED.
3. VERIFY SIZE, LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT TO BE PROVIDED. COORDINATE DIMENSIONS WITH MANUFACTURERS AND SUPPLIERS BEFORE BEGINNING CONSTRUCTION.
4. THE CONTRACTOR MUST SUBMIT APPROPRIATE SAMPLES, SHOP DRAWINGS, PRODUCT DATA CUT SHEETS AND SPECIFICATIONS ON ITEMS DEFINED IN THE SPECIFICATIONS AND PLANS.
5. THE ACADEMY FACILITIES OPERATE UNDER STRICT SECURITY. DETAILS OF SPECIFIC SECURITY MEASURES ARE TO BE REVIEWED WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) PRIOR TO THE START OF CONSTRUCTION.
6. THE CONTRACTOR MUST ACCURATELY RECORD ALL CHANGES AND SHALL SUBMIT TO THE COR COMPLETE 'AS-BUILT' DRAWINGS UPON COMPLETION OF THE WORK.
7. THE CONTRACTOR SHALL PROTECT THE BUILDING AND ADJACENT SPACES OF THE WORK AREA FROM DUST, WATER, AND DEBRIS. DUST PARTITIONS AND FIREPROOF DROP CLOTHS MUST BE USED DURING ALL DUST PRODUCING OPERATIONS.
8. AT THE CLOSE OF EACH WORKING DAY, CONTRACTOR TO PROVIDE TEMPORARY FIRE STOPPING IN ALL OPENINGS CUT BETWEEN FLOORS AND THROUGH FIRE RATED PARTITIONS. MATERIALS USED SHOULD BE CLASS 'A' NON-COMBUSTIBLE WITH FIRE STOPPING CAPABILITIES EQUAL TO THAT OF THE ADJACENT CONSTRUCTION. ALL OCCUPIED CORRIDOR AREAS ADJACENT TO CONSTRUCTION AREAS WILL BE CLEANED AT THE END OF EACH DAY.
9. ALL AREAS EXPOSED OR DISTURBED BY NEW CONSTRUCTION OR DEMOLITION TO BE PATCHED OR REPAIRED TO MATCH EXISTING CONDITIONS. PATCH PAINTING WITH TWO COATS TO NEAREST CUTOFF POINT.
10. NO ASBESTOS CONTAINING MATERIALS ARE KNOWN TO EXIST WITHIN THE WORK AREA.
11. CONTRACTOR MUST NOTIFY CONTRACTING OFFICER (K.O.) IMMEDIATELY UPON DISCOVERY OR SUSPICION OF HAZARDOUS MATERIAL. CONTRACTOR SHALL PERFORM TESTING AND MAKE PROPER REGULATED WASTE MANAGEMENT ARRANGEMENTS PRIOR TO DISTURBING ANY MATERIALS.
12. ANY WORK PERFORMED BY THE CONTRACTOR DISTURBING EXISTING HAZARDOUS MATERIALS MUST BE PERFORMED BY A LICENSED WORKER IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL LAWS.
13. LEAD BASED PAINT IS PRESENT DUE TO THE AGE OF THE FACILITY. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE RESOURCE CONSERVATION RECOVERY ACT (RCRA) WHEN REMOVING AND DISPOSING OF MATERIALS WITH POSSIBLE HEAVY METAL CONTAMINATION.
14. ANY DAMAGE RESULTING TO ADJACENT SPACES OR CONTENTS THEREOF SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND ALL COSTS RELATIVE THERETO SHALL BE BORNE BY THE CONTRACTOR.
15. CONTACT THE COR TO REQUEST THE CGA LOCKSMITH FOR KEYWAY AND BITTING INFORMATION FOR ALL NEW DOOR HARDWARE.
16. THE CONTRACTOR SHALL COORDINATE ALL WORK ASSOCIATED WITH THE EXISTING FIRE ALARM SYSTEM WITH THE CGA FIRE MARSHALL AND COR. DEMOLITION WORK SHALL NOT INTERFERE WITH THE ALARM SYSTEM OPERATIONS.
17. PRODUCTS LISTED BY MODEL AND MANUFACTURER ARE LISTED AS A BASIS-OF-DESIGN AND A STANDARD OF QUALITY. CONTRACTOR SHALL PROVIDE PRODUCTS MEETING SALIENT CHARACTERISTICS.
18. ALL WORK SHALL BE DONE BY LICENSED CONTRACTORS AND SHALL COMPLY WITH CURRENT CODES AND CONTRACT DOCUMENTS.
19. "PROVIDE" MEANS TO SUPPLY, FURNISH, INSTALL, CONNECT, TEST, ETC. FOR A COMPLETE AND FUNCTIONING SYSTEM.
20. PROVIDE FIRE-STOP CAULKING AT ALL FLOOR AND WALL PENETRATIONS.
21. PROVIDE NEW DATA CABLING FROM DATA CLOSET (AS INDICATED ON THE PLANS) TO NEW LOCATION, PERFORM ALL TERMINATIONS AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
22. DUE TO THE AGE OF THE BUILDING MERCURY-CONTAINING THERMOSTATS ARE KNOWN TO EXIST IN THE WORK AREA. IN ACCORDANCE WITH PA 12-54: CONTRACTORS MUST REMOVE AND RECYCLE MERCURY THERMOSTATS PRIOR TO DEMOLITION AND RECYCLE THEM EITHER THROUGH THE TRC PROGRAM OR INDEPENDENTLY THROUGH A LICENSED HAZARDOUS WASTE CONTRACTOR. CONTRACTOR SHALL LABEL, STORE AN SHIP MERCURY-CONTAINING THERMOSTATS AS REQUIRED PER THE UNIVERSAL WASTE RULE.

SPECIAL COLLECTION SPACE CODE SUMMARY:

1. EXISTING CONCRETE WAFFLE SLAB IS 1-HR FIRE RATED.
2. ROOM 117 SHALL BE 2-HRS FIRE RATED (WALLS AND CEILING).
3. ROOM 117 DOORS AND DOOR FRAMES SHALL BE 1 1/2-HR (90MIN) CLASS A FIRE RATED.
4. MECHANICAL CLOSET 122 SHALL BE 1-HR FIRE RATED W/45-MIN FIRE RATED DOOR AND FRAME.



COAST GUARD
ENGINEERING

1	BID DOCUMENTS	1/8/24
MARK	DESCRIPTION	DATE
PLOTING SCALE: 1:1		SCALE: AS SHOWN

NEW YORK, NY 10020	PROJECT ENGINEER: PISANI, DEREK	DESIGNED BY: DEREK PISANI	DRAWN BY: DEREK PISANI	A/E PROJECT NUMBER: A/E'S PROJECT NUMBER	A/E DESIGN COMPANY'S PHONE NUMBER
				CONSULTANT'S CITY, STATE	
				CONSULTANT'S CITY, STATE	

USCG DRAWING NUMBER
CGA DRAWING NUMBER CC-1358

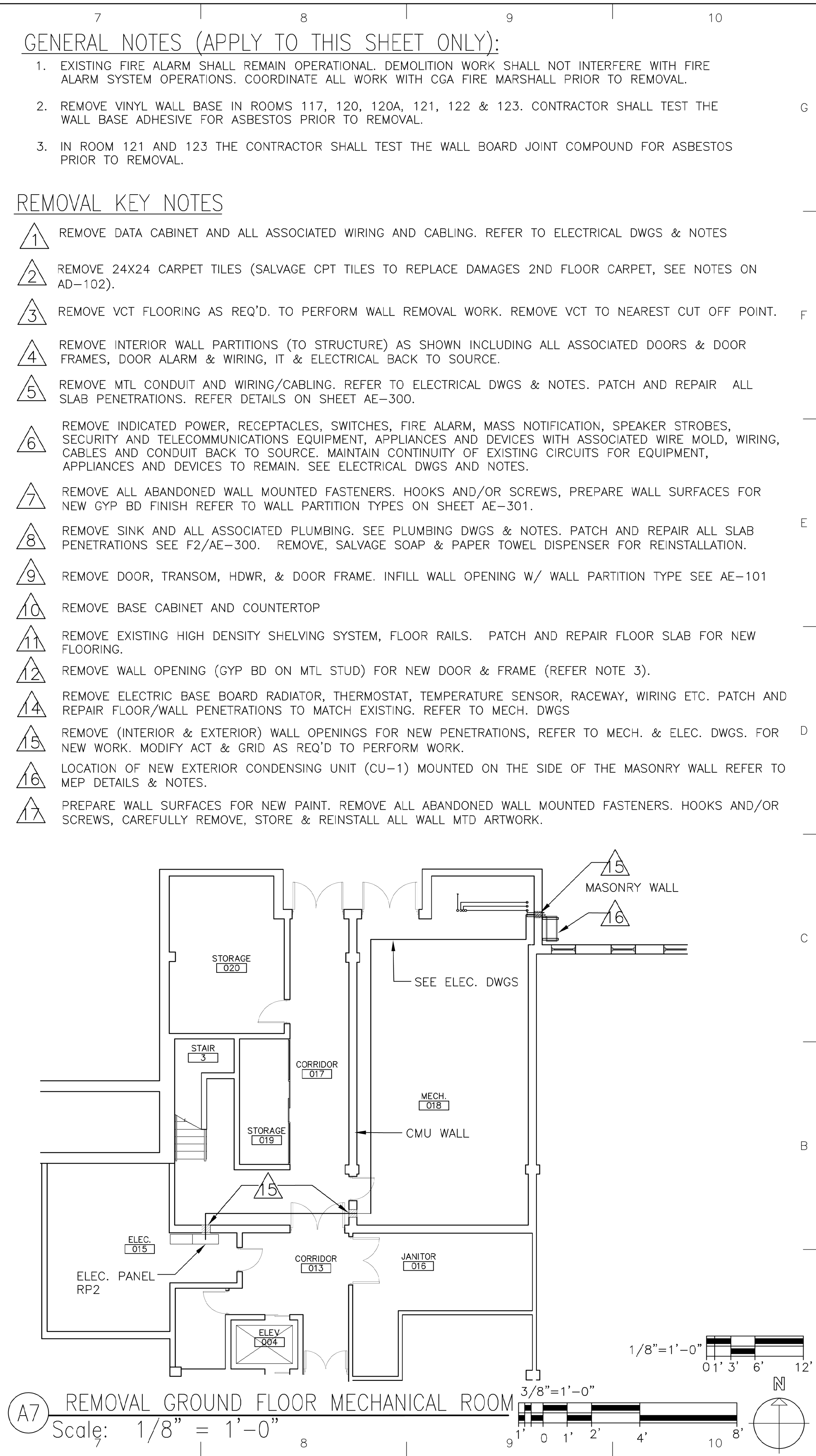
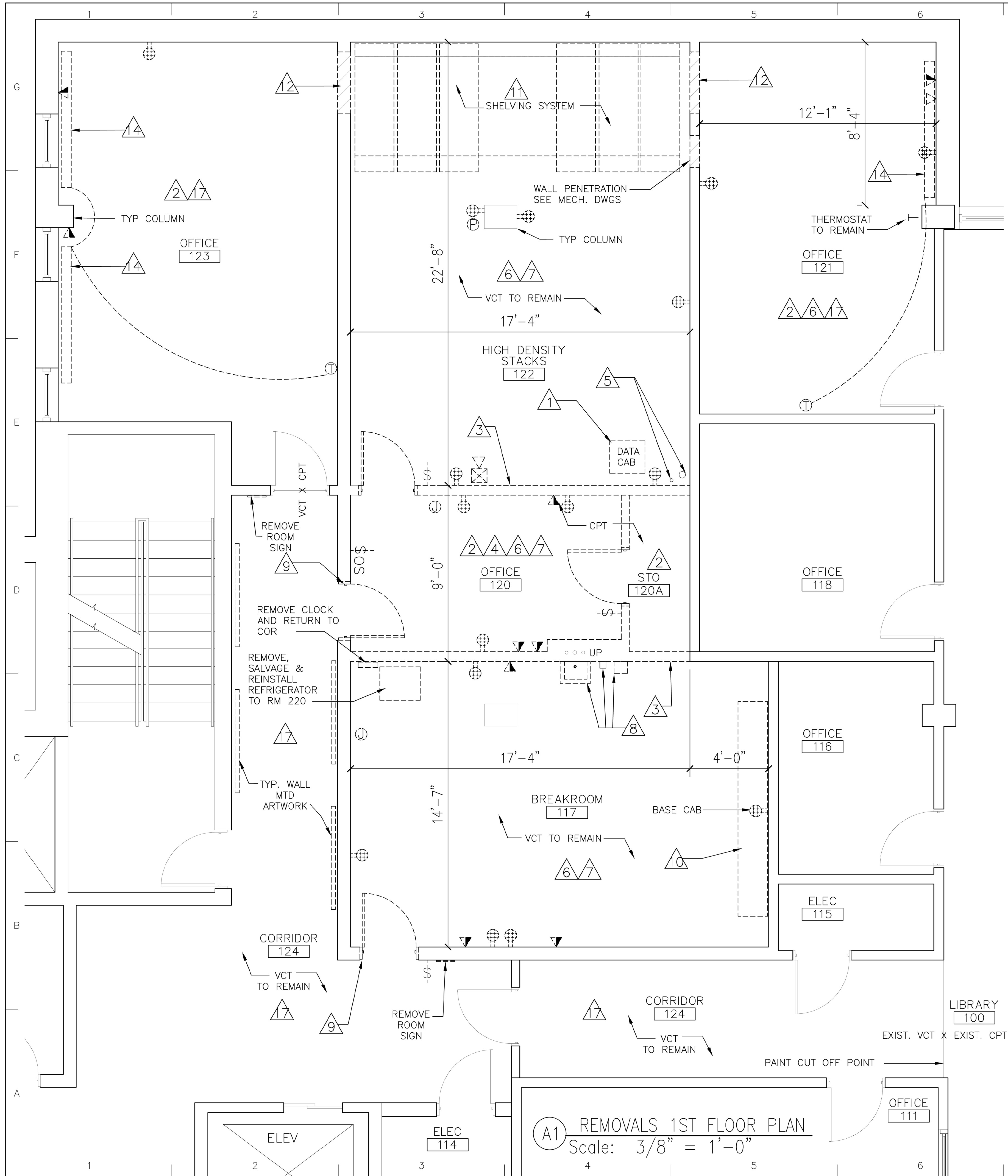
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SHEET 02 OF 26

U.S. COAST & GEOD. SURVEY NEW LONDON	CT
GENERAL	
SYMBOLS & NOTES	

SHEET ID
AESCHE
HALL

-002]



- GENERAL NOTES (APPLY TO THIS SHEET ONLY):**
- EXISTING FIRE ALARM SHALL REMAIN OPERATIONAL. DEMOLITION WORK SHALL NOT INTERFERE WITH FIRE ALARM SYSTEM OPERATIONS. COORDINATE ALL WORK WITH CGA FIRE MARSHALL PRIOR TO REMOVAL.
 - REMOVE VINYL WALL BASE IN ROOMS 117, 120, 120A, 121, 122 & 123. CONTRACTOR SHALL TEST THE WALL BASE ADHESIVE FOR ASBESTOS PRIOR TO REMOVAL.
 - IN ROOM 121 AND 123 THE CONTRACTOR SHALL TEST THE WALL BOARD JOINT COMPOUND FOR ASBESTOS PRIOR TO REMOVAL.
- REMOVAL KEY NOTES**
- REMOVE DATA CABINET AND ALL ASSOCIATED WIRING AND CABLING. REFER TO ELECTRICAL DWGS & NOTES
 - REMOVE 24X24 CARPET TILES (SALVAGE CPT TILES TO REPLACE DAMAGES 2ND FLOOR CARPET, SEE NOTES ON AD-102).
 - REMOVE VCT FLOORING AS REQ'D. TO PERFORM WALL REMOVAL WORK. REMOVE VCT TO NEAREST CUT OFF POINT.
 - REMOVE INTERIOR WALL PARTITIONS (TO STRUCTURE) AS SHOWN INCLUDING ALL ASSOCIATED DOORS & DOOR FRAMES, DOOR ALARM & WIRING, IT & ELECTRICAL BACK TO SOURCE.
 - REMOVE MTL CONDUIT AND WIRING/CABLING. REFER TO ELECTRICAL DWGS & NOTES. PATCH AND REPAIR ALL SLAB PENETRATIONS. REFER DETAILS ON SHEET AE-300.
 - REMOVE INDICATED POWER, RECEPTACLES, SWITCHES, FIRE ALARM, MASS NOTIFICATION, SPEAKER STROBES, SECURITY AND TELECOMMUNICATIONS EQUIPMENT, APPLIANCES AND DEVICES WITH ASSOCIATED WIRE MOLD, WIRING, CABLES AND CONDUIT BACK TO SOURCE. MAINTAIN CONTINUITY OF EXISTING CIRCUITS FOR EQUIPMENT, APPLIANCES AND DEVICES TO REMAIN. SEE ELECTRICAL DWGS AND NOTES.
 - REMOVE ALL ABANDONED WALL MOUNTED FASTENERS. HOOKS AND/OR SCREWS, PREPARE WALL SURFACES FOR NEW GYP BD FINISH REFER TO WALL PARTITION TYPES ON SHEET AE-301.
 - REMOVE SINK AND ALL ASSOCIATED PLUMBING. SEE PLUMBING DWGS & NOTES. PATCH AND REPAIR ALL SLAB PENETRATIONS SEE F2/AE-300. REMOVE, SALVAGE SOAP & PAPER TOWEL DISPENSER FOR REINSTALLATION.
 - REMOVE DOOR, TRANSOM, HDWR, & DOOR FRAME. INFILL WALL OPENING W/ WALL PARTITION TYPE SEE AE-101
 - REMOVE BASE CABINET AND COUNTERTOP
 - REMOVE EXISTING HIGH DENSITY SHELVING SYSTEM, FLOOR RAILS. PATCH AND REPAIR FLOOR SLAB FOR NEW FLOORING.
 - REMOVE WALL OPENING (GYP BD ON MTL STUD) FOR NEW DOOR & FRAME (REFER NOTE 3).
 - REMOVE ELECTRIC BASE BOARD RADIATOR, THERMOSTAT, TEMPERATURE SENSOR, RACEWAY, WIRING ETC. PATCH AND REPAIR FLOOR/WALL PENETRATIONS TO MATCH EXISTING. REFER TO MECH. DWGS
 - REMOVE (INTERIOR & EXTERIOR) WALL OPENINGS FOR NEW PENETRATIONS, REFER TO MECH. & ELEC. DWGS. FOR NEW WORK. MODIFY ACT & GRID AS REQ'D TO PERFORM WORK.
 - LOCATION OF NEW EXTERIOR CONDENSING UNIT (CU-1) MOUNTED ON THE SIDE OF THE MASONRY WALL REFER TO MEP DETAILS & NOTES.
 - PREPARE WALL SURFACES FOR NEW PAINT. REMOVE ALL ABANDONED WALL MOUNTED FASTENERS. HOOKS AND/OR SCREWS, CAREFULLY REMOVE, STORE & REINSTALL ALL WALL MTD ARTWORK.

U.S. COAST GUARD
CIVIL ENGINEERING

1	BID DOCUMENTS	1/8/24	DATE
1	MARK DESCRIPTION	1/8/24	DATE

SCALE: AS SHOWN
PLOTING SCALE: 1:1

U.S. COAST GUARD ACADEMY
15 MOHEGAN AVENUE
NEW LONDON, CT 06320

PROJECT ENGINEER:
PISANI, DEREK

DRAWN BY:
DEREK PISANI

CHECKED BY:
GERRY GOSSELIN

EDITED BY: NAME

USCG PROJECT NUMBER
CCA PROJECT NUMBER 22020230

USCG DRAWING NUMBER
CCA DRAWING NUMBER CC-1358

USCG FILENAME
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SHEET 03 OF 26

RELOCATE LIBRARY SPECIAL COLLECTION
U.S. COAST GUARD ACADEMY
NEW LONDON
ARCHITECTURAL
REMOVALS FLOOR PLANS

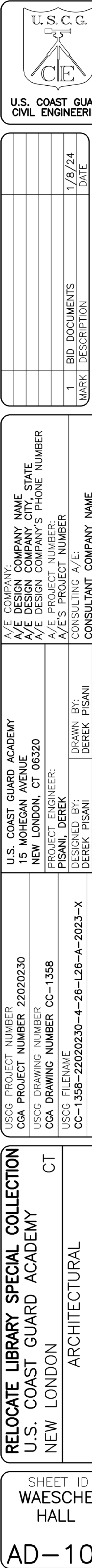
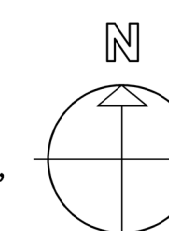
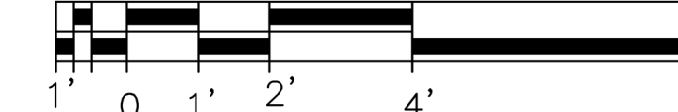
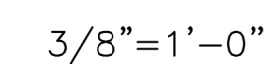
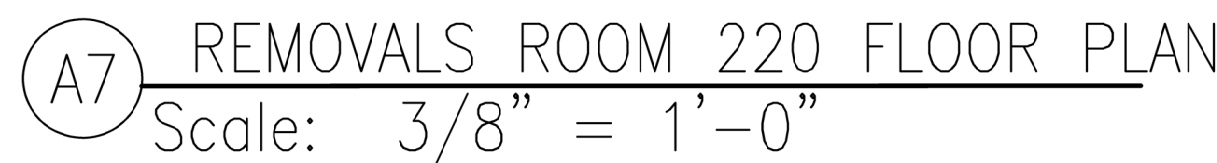
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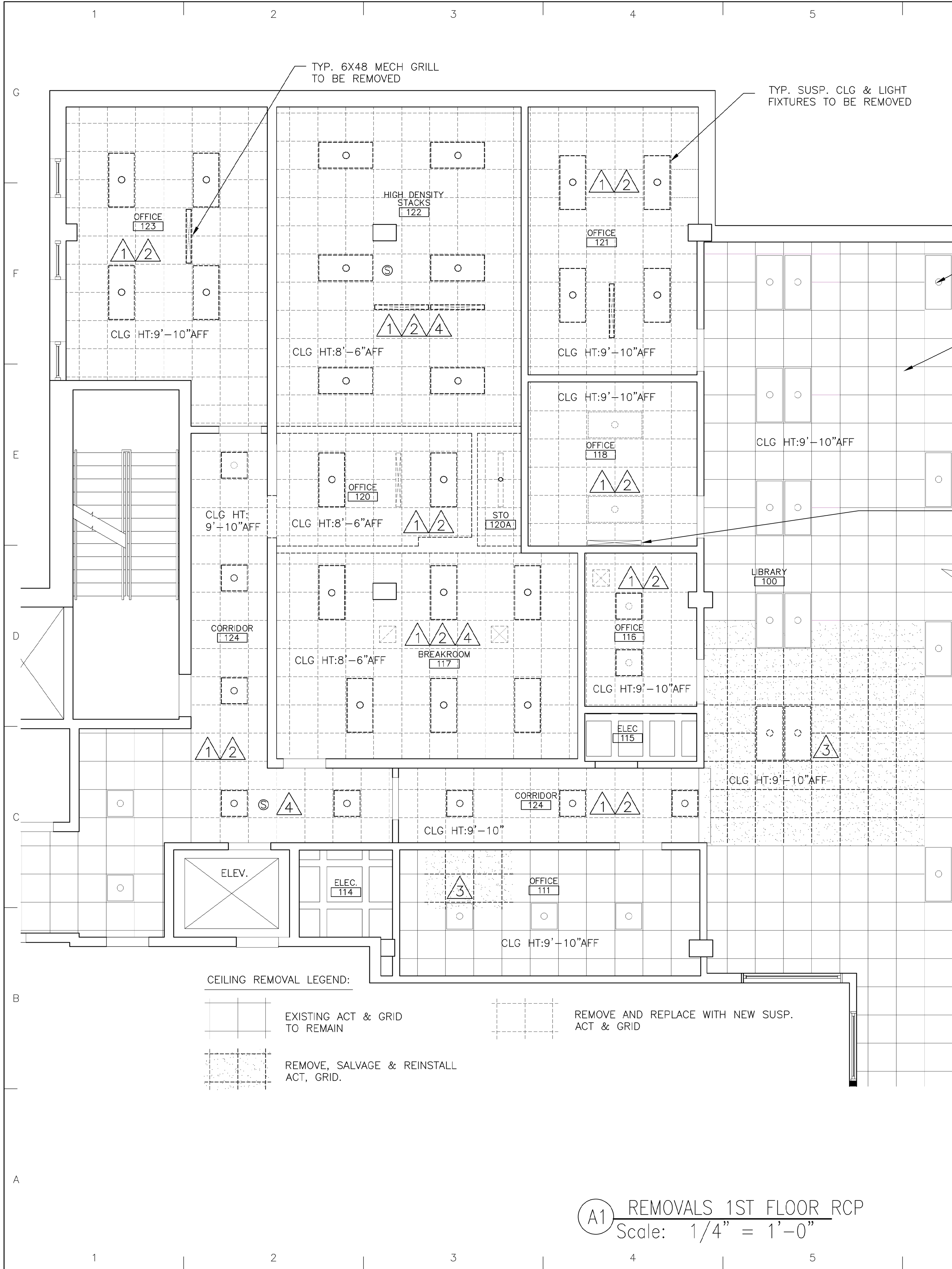
1. CONTRACTOR SHALL NOT BEGIN THE REMOVAL WORK IDENTIFIED IN KEY NOTE 1 AND AS SHOWN IN DETAIL A5 BELOW, UNTIL AFTER ALL THE FIRST FLOOR WORK IS COMPLETED AND AFTER THE OWNER MOVES THE SPECIAL COLLECTION (BOOKS AND MULTI MEDIA MATERIALS) FROM THE SECOND FLOOR TO THE FIRST FLOOR. SUBMIT A SCHEDULE FOR THIS WORK TO THE COR.

1 REMOVE WIRE MESH, CHAIN LINK ENCLOSURE (10' HIGH) AND MTI STRUCTURAL FRAMING. REMOVE ALL FLOOR AND CEILING MOUNTED MECHANICAL FASTENERS (INCLUDING AT UNDERSIDE OF STRUCTURE ABOVE). PATCH AND REPAIR CONC FLOOR SLAB AS REQUIRED FOR NEW FINISH FLOOR. COORDINATE WITH COR TO ENSURE ALL BOOKS & MATERIALS ARE REMOVED PRIOR TO PERFORMING WORK.

NOTE: ALL EXISTING 2ND FLOOR BOOK SHELVES, ADJACENT BOOK SHELVES AND FURNISHINGS SHALL REMAIN INSTALL PROTECTIVE COVERING TO PREVENT DAMAGE AND DUST FROM CONSTRUCTION WORK. MOVE FURNISHINGS AS REQ'D TO PROTECT FURNISHINGS AND PERFORM REMOVAL WORK.

- 2 REMOVE AND REPLACE (APPROX. 30) DAMAGED ACOUSTIC CEILING TILES, INSTALL SALVAGED ACT FROM ROOM 122.
- 3 REMOVE AND REPLACE (APPROX. 120SF) OF DAMAGED CARPET TILES LOCATED AT THE BASE OF STRUCTURAL WIRE CAGE. REINSTALL SALVAGED CPT AS REQ'D.
- 4 REMOVE, PLUMBING ACCESS PANEL. PATCH AND REPAIR WALL OPENING. PRIME AND PAINT WALL (BOTH SIDES--TO NEAREST CUT OFF POINT) TO MATCH EXISTING. REMOVE WALL OPENING FOR NEW PLUMBING, REFER TO PLUMBING DWGS FOR LOCATION.
- 5 REMOVE WALL MTD BASE CABINET, SINK AND ALL ASSOCIATED PLUMBING, COUNTER TOP, OVERHEAD WALL MTD CABINET, WALL BASE, PHONE AND WIRING. REFER TO PLUMBING DWGS. & NOTES FOR NEW SINK LOCATION AND PLUMBING.
- 6 AT CABINETS REMOVAL AREA; PATCH AND REPAIR ALL WALL SURFACES (HOLES AND GOUGES) PREP FOR WALLS FOR NEW PAINT AND 4" WALL BASE.
- 7 EXISTING 4" CONDUIT TO REMAIN (USE FOR NEW DATA CABLE & NEW FIBER OPTIC CABLE RUNS) REFER TO ELECT. DWGS & NOTES
- 8 REPLACE ACT AS REQ'D. TO PERFORM NEW WORK.
- 9 REMOVE AND SALVAGE FOR REINSTALLATION; WALL MTD SOAP & TOWEL DISPENSERS. REFER TO NEW FLOOR PLAN FOR LOCATION.





GENERAL NOTES (APPLY TO THIS SHEET ONLY):

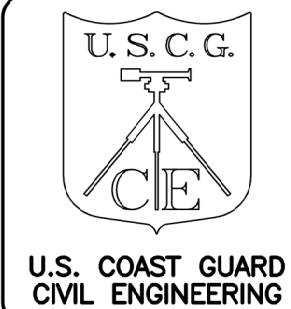
- IN ROOM 117, 120, 120A & 122:
1. REMOVE ALL ABANDONED CEILING SYSTEM FASTENERS, FRAMING, CLIPS AND/OR HANGARS FROM THE UNDERSIDE OF THE WAFFLE SLAB STRUCTURE.
 2. REMOVE ALL ABANDONED CONDUIT, WIRING, DUCTWORK AND RELATED FASTENERS FROM THE UNDERSIDE OF THE WAFFLE SLAB STRUCTURE.
 3. SALVAGE ACT FROM ROOM 122 FOR REINSTALL ON SECOND FLOOR (SPECIAL COLLECTION ENCLOSURE) ROOM 200.

REMOVAL KEY NOTES

- 1 REMOVE SUSPENDED CEILING SYSTEM (ACT & METAL GRID) AND LIGHT FIXTURES,
- 2 REMOVE MECH. DIFFUSERS AND GRILLES, REFER TO MECH. DWGS & NOTES.
- 3 REMOVE, SALVAGE AND REINSTALL ACT, METAL GRID, AND LIGHT FIXTURES AS REQUIRED TO PERFORM WORK. REPLACE DAMAGED ACT W/ NEW ACT TO MATCH EXIST AS REQ'D.
- 4 REMOVE, SALVAGE AND STORE MNS SPEAKER STROBES AND SMOKE DETECTORS. REFER TO ELEC. DWGS & NOTES. COORDINATE WORK W/ FIRE MARSHAL PRIOR TO REMOVAL.

LEGEND

REMOVE	NEW	TYPE
		RECEPTACLE OUTLET - 20A., 125V. DOUBLE DUPLEX GROUNDING TYPE, NEMA 5-20R, MTD. 18" AFF
		RECEPTACLE OUTLET - 20A., 125V., 2P., 3W. DUPLEX GROUNDING TYPE, NEMA 5-20R, MTD. 18" AFF UON
		DATA DROP / COMMUNICATIONS SYSTEM. QUADRAPLEX. MOUNT 18" AFF
		TELEPHONE (VOICE)/DATA COMMUNICATIONS SYSTEM QUADRAPLEX, MOUNT 18" AFF, UON, SEE SPECS
		NEW SWITCH - SINGLE POLE, 20A., 120/277V., MTD 48" AFF, SUBSCRIPT INDICATES SWITCH LEG (YTP)
		SWITCH - OCCUPANCY SENSOR SWITCH
		THERMOSTAT
		MASS NOTIFICATION SPEAKER STROBE WALL MOUNTED
		JUNCTION BOX
		SMOKE DETECTOR
		2.5" X 4' SUSPENDED LED LIGHT FIXTURE
		2X4 RECESSED LIGHT FIXTURE
		2X2 RECESSED LIGHT FIXTURE
		MECH RETURN GRILLE
		MECH SUPPLY GRILLE
		LINEAR SUPPLY MECH DIFFUSER
		2X2 SUSPENDED ACOUSTIC CEILING TILE (ACT) & GRID,
		HOMERUN TO SWITCH



U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME
USCG PROJECT NUMBER	CCA PROJECT NUMBER	22020230	USCG DRAWING NUMBER	CCA DRAWING NUMBER	CC-1358	USCG FILENAME	CC-1358-22020230-5-26-L26-A-2023-X	SHEET	05	OF 26
U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME
U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME

U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME
U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME
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U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME

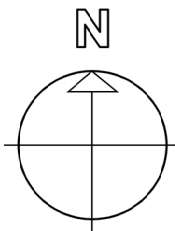
U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME
U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME
U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME
U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320	PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY:	DEREK PISANI	CHECKED BY:	GERRY GOSSELIN	EDITED BY:	NAME

RELOCATE LIBRARY SPECIAL COLLECTION	U.S. COAST GUARD ACADEMY	CT	ARCHITECTURAL	REMOVALS 1ST FLOOR RCP
NEW LONDON				

SHEET ID	WAESCHE	HALL
AD-201		

A1 REMOVALS 1ST FLOOR RCP
Scale: 1/4" = 1'-0"

3/8"=1'-0"



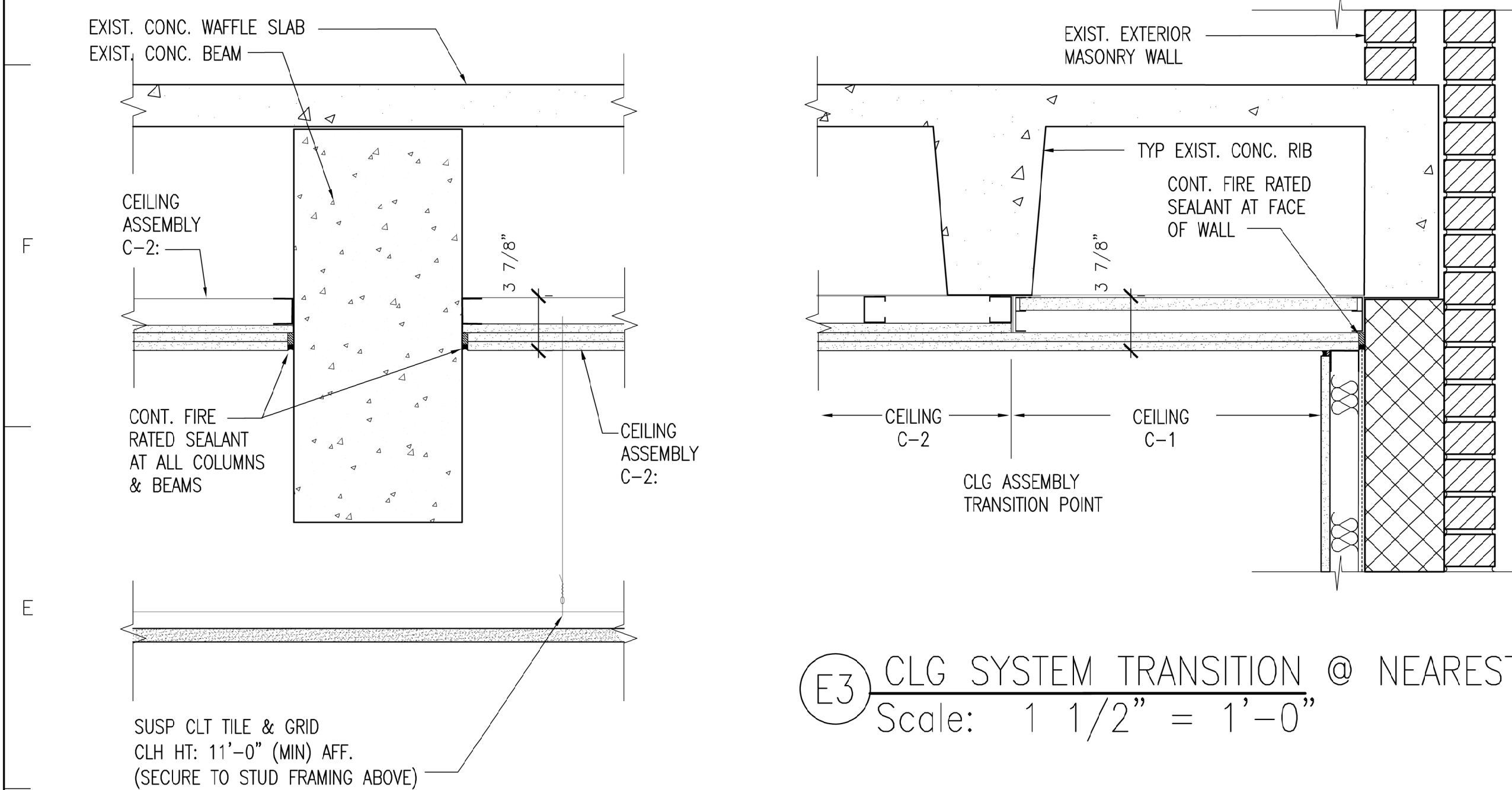
SHEET ID
WAESCHE
HALL
AE-201

FIRE RATED GYPSUM BOARD CEILING ASSEMBLY:

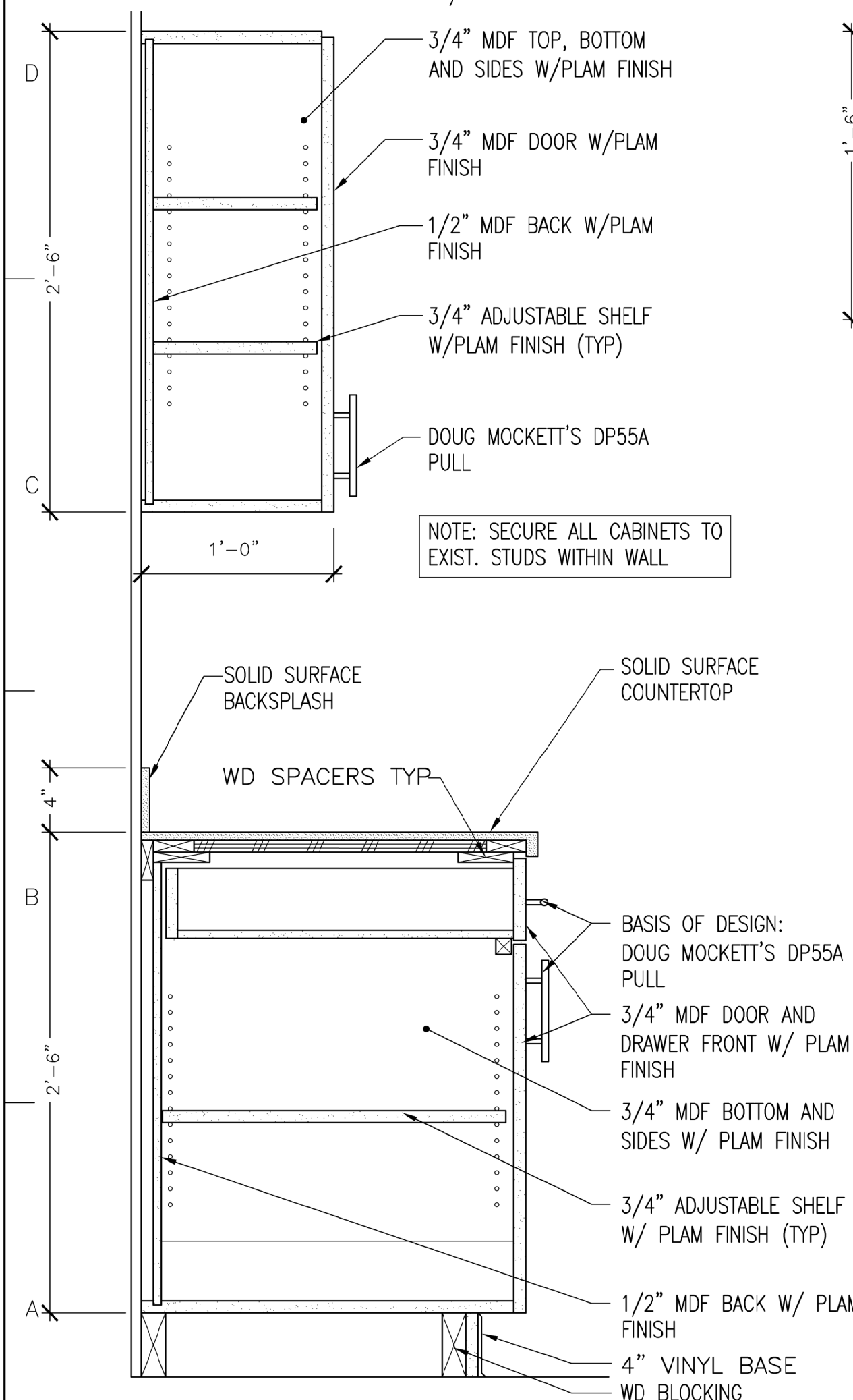
CEILING ASSEMBLY C-1: TWO (2) LAYERS OF 5/8" GYP BD TYPE X, ONE (1) LAYER OF 1" GYP BD TYPE X, ON 2 1/2" C-H MTL STUDS, SPACED 24" O.C. W/ MTL J-RUNNERS

CEILING ASSEMBLY C-2: THREE (3) LAYERS OF 5/8" GYP BD. TYPE X, STAGGERED SEAMS (TAPE & COMPOUND JOINTS), ON 2" MTL STUDS. HOT DIPPED GALV., .48MM THICK, SPACED 16" O.C.

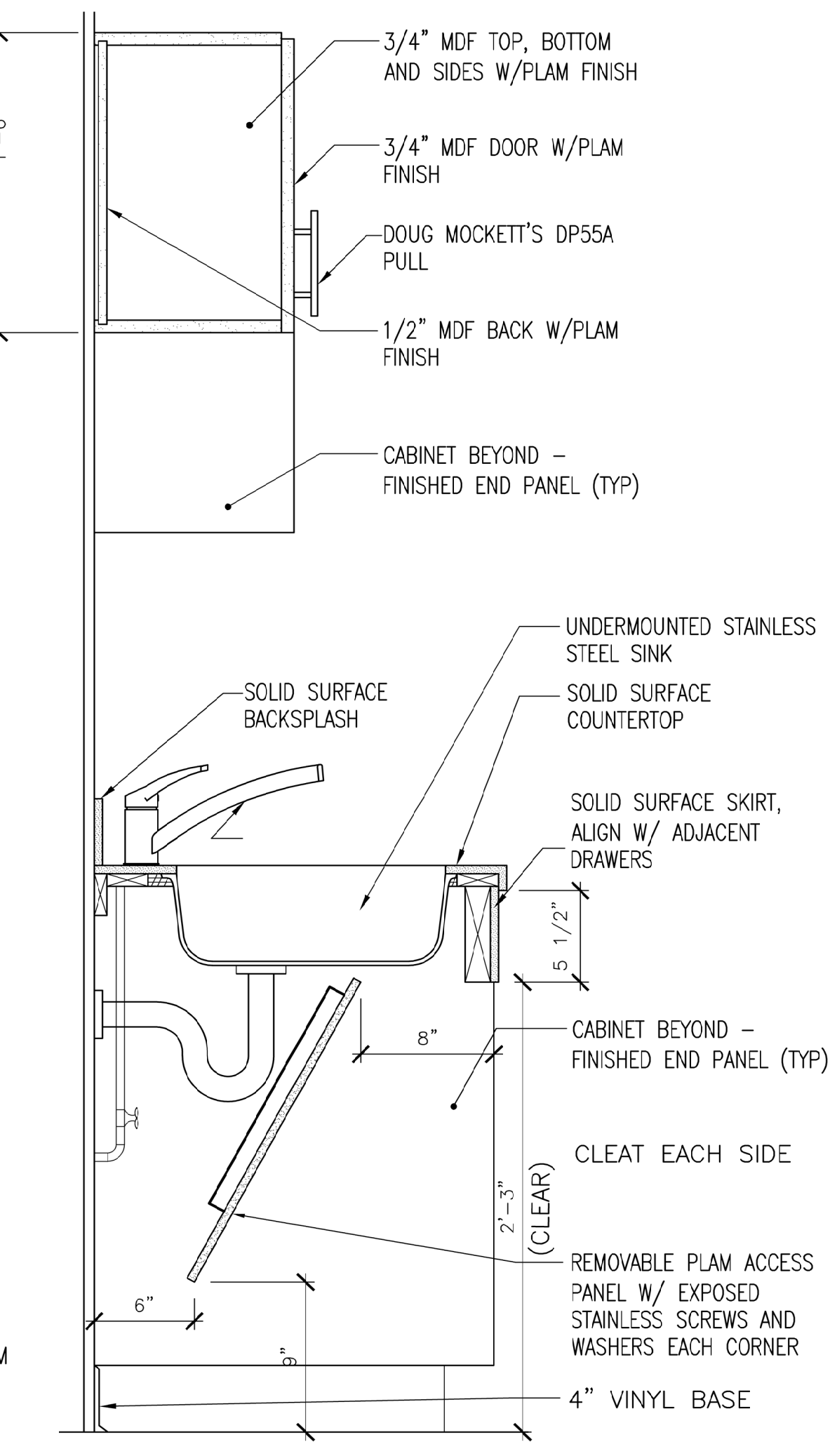
- NOTE:
1. INSTALL CEILING ASSEMBLY C-1 & CEILING ASSEMBLY C-2 TO THE UNDERSIDE OF THE WAFFLE SLAB STRUCTURE.
 2. EXTEND CEILING ASSEMBLY C-1 FROM THE PERIMETER WALL (SPECIAL COLLECTION ROOM 117) TO THE UNDERSIDE OF THE NEAREST WAFFLE SLAB RIB AS SHOWN. TRANSITION CEILING ASSEMBLIES AT RIB.
 3. FIRE-STOP ALL CONDUIT/PIPE/DUCT PENETRATIONS THROUGH FIRE RATED WALL PARTITIONS AND CEILINGS ASSEMBLIES.



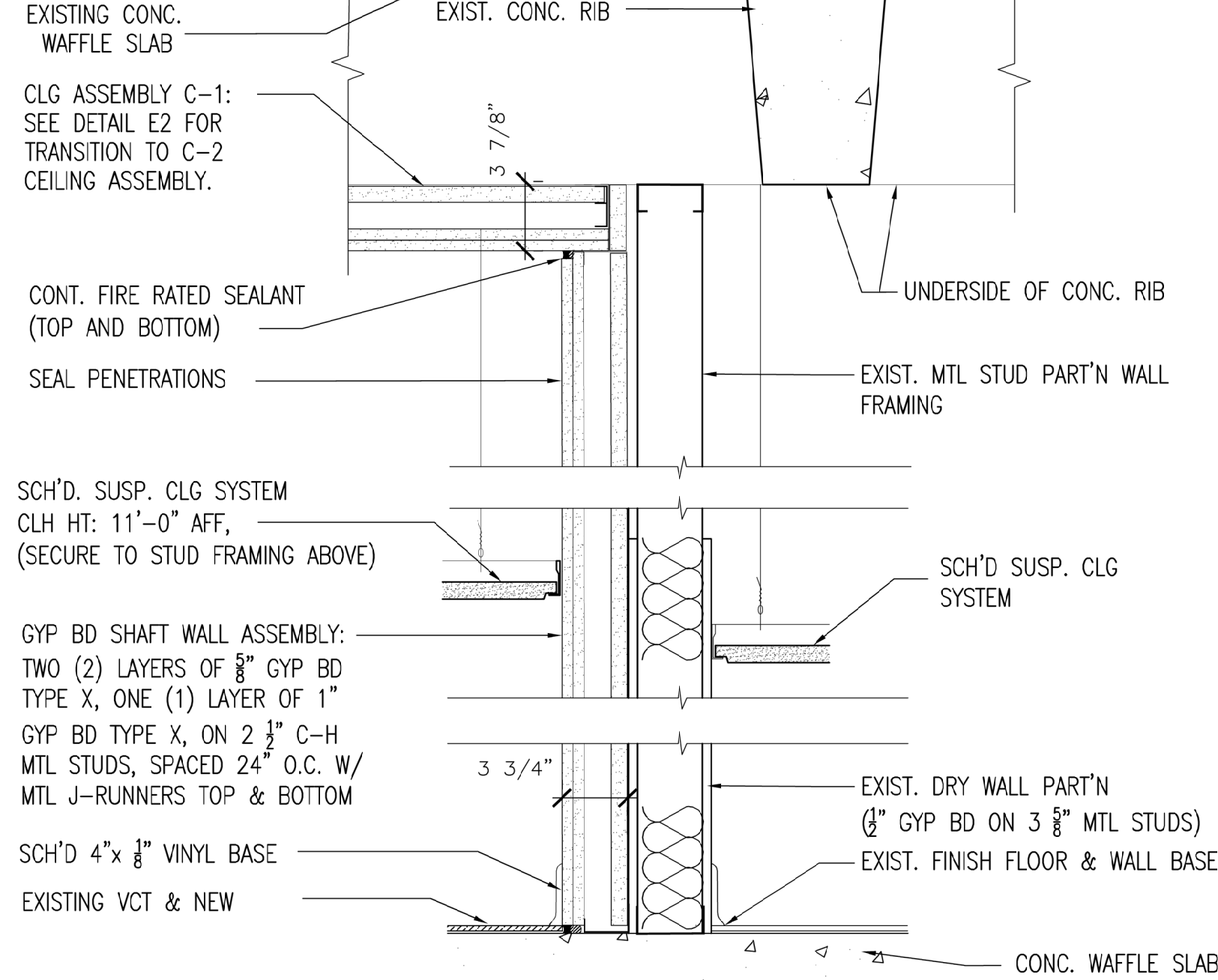
E1 CLG ASSEMBLY C-1 @ BEAM
Scale: 1 1/2" = 1'-0"



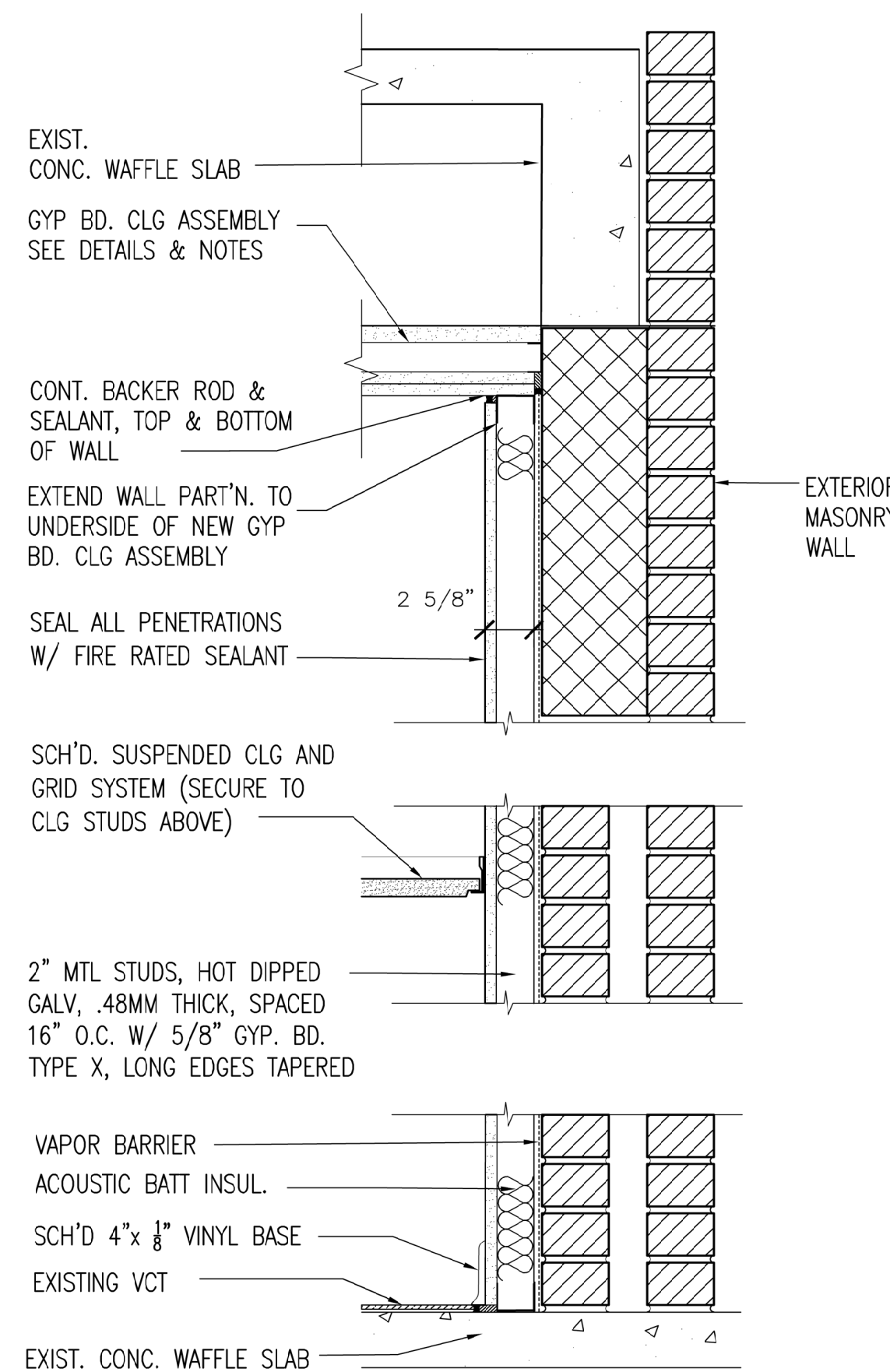
A1 BASE CABINET SECTION
Scale: 1 1/2" = 1'-0"



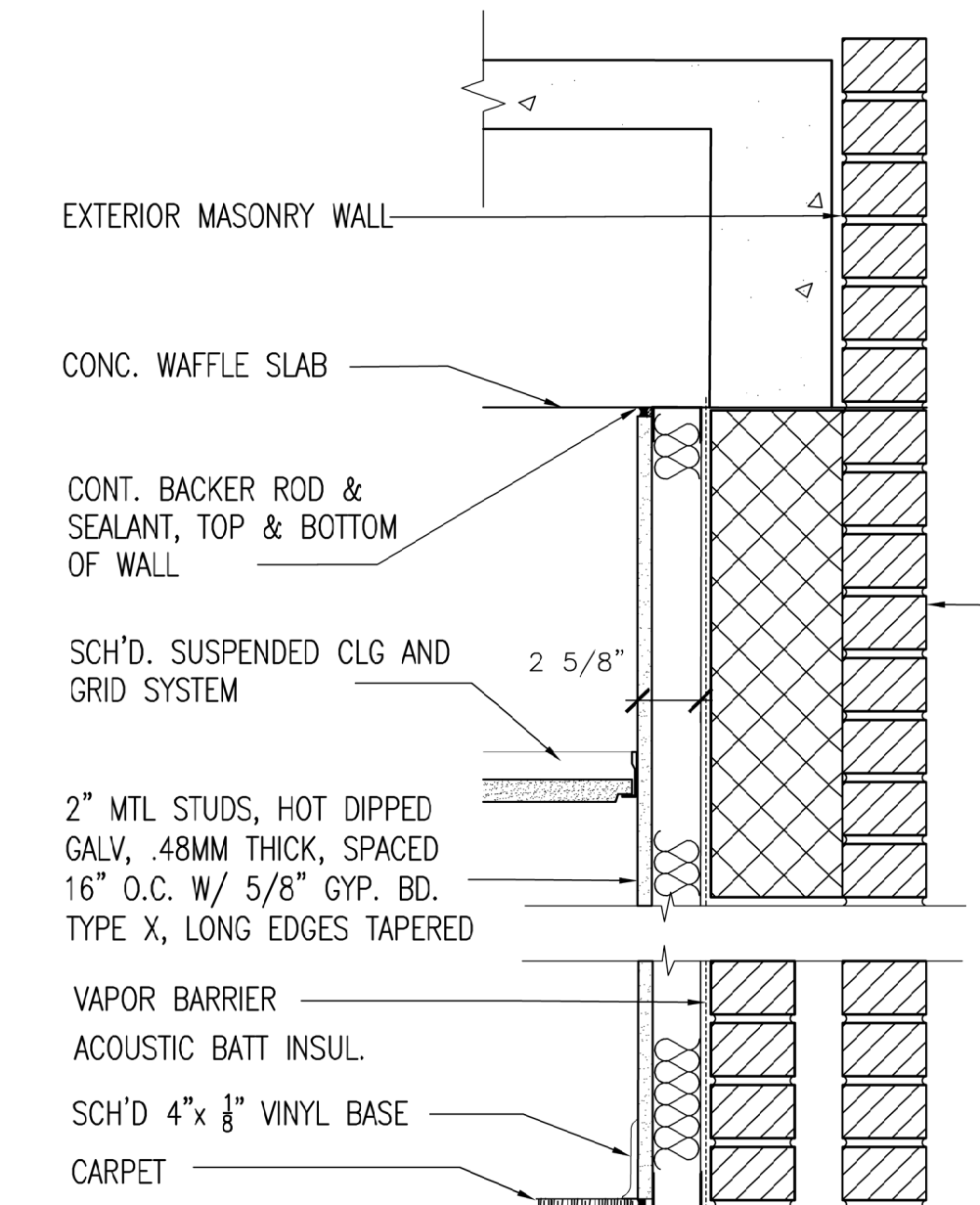
A3 SINK BASE SECTION
Scale: 1 1/2" = 1'-0"



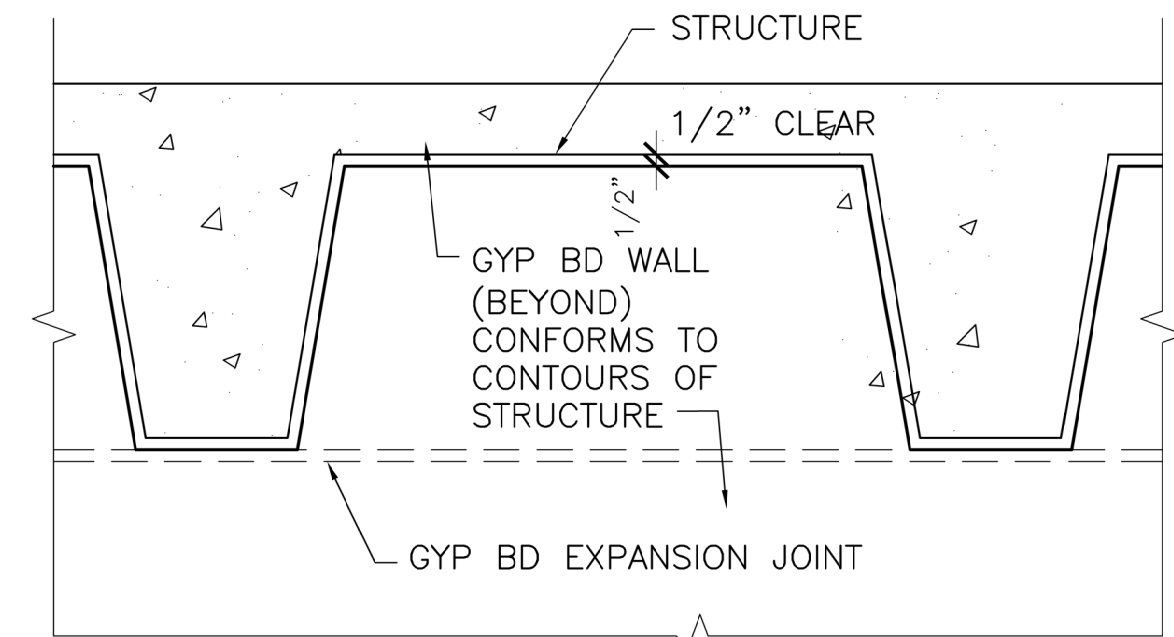
E7 WALL PART'N TYPE P-1
Scale: 1 1/2" = 1'-0"



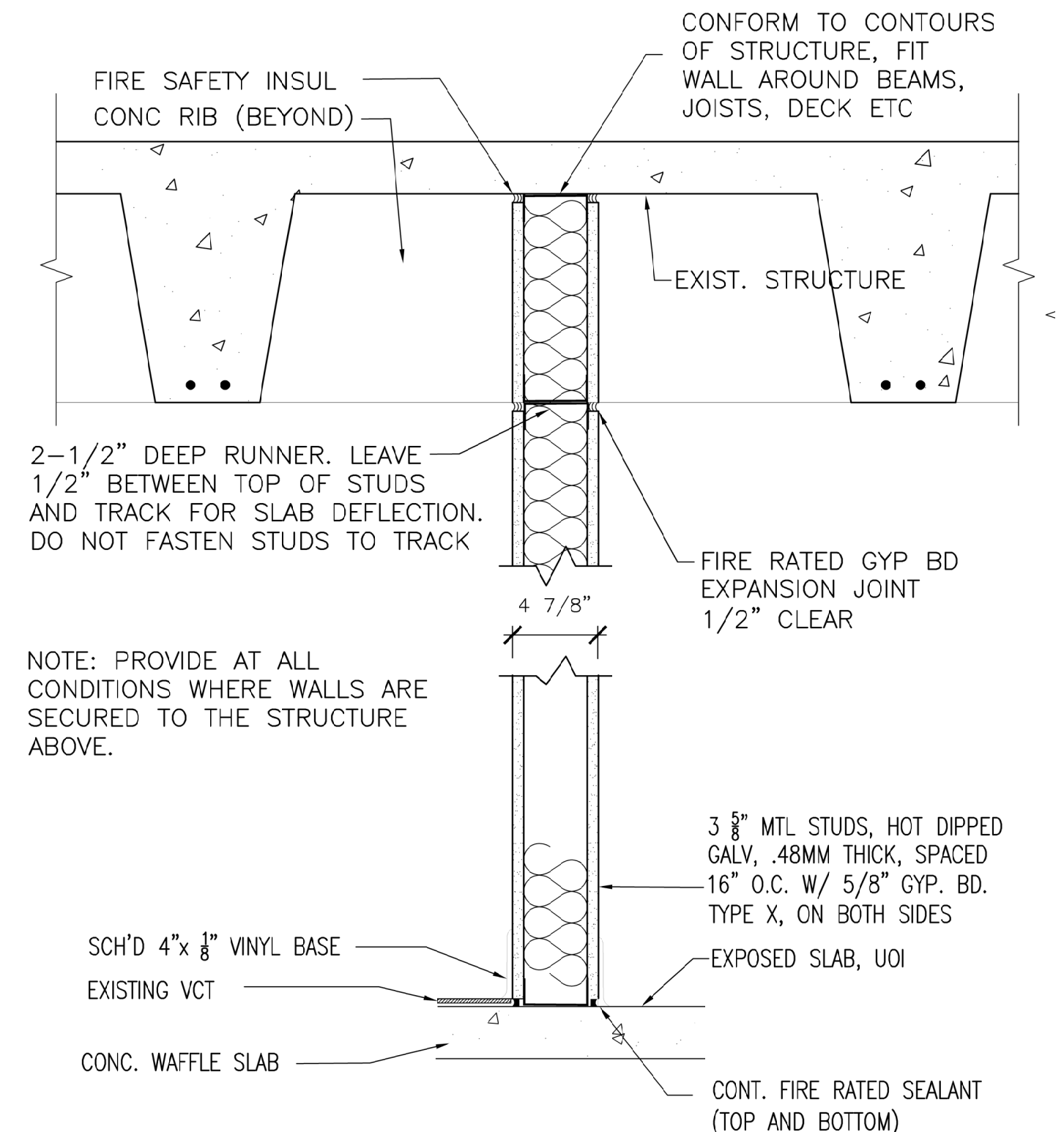
A7 WALL PART'N TYPE P-2
Scale: 1 1/2" = 1'-0"



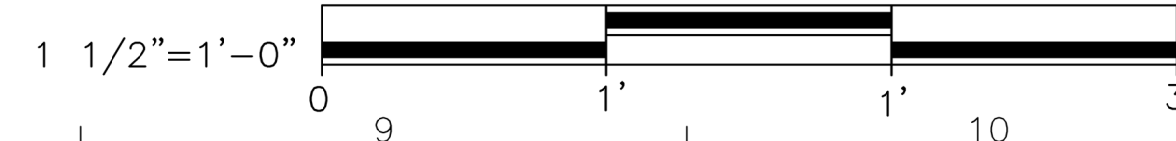
F9 WALL PART'N TYPE P-4
Scale: 1 1/2" = 1'-0"



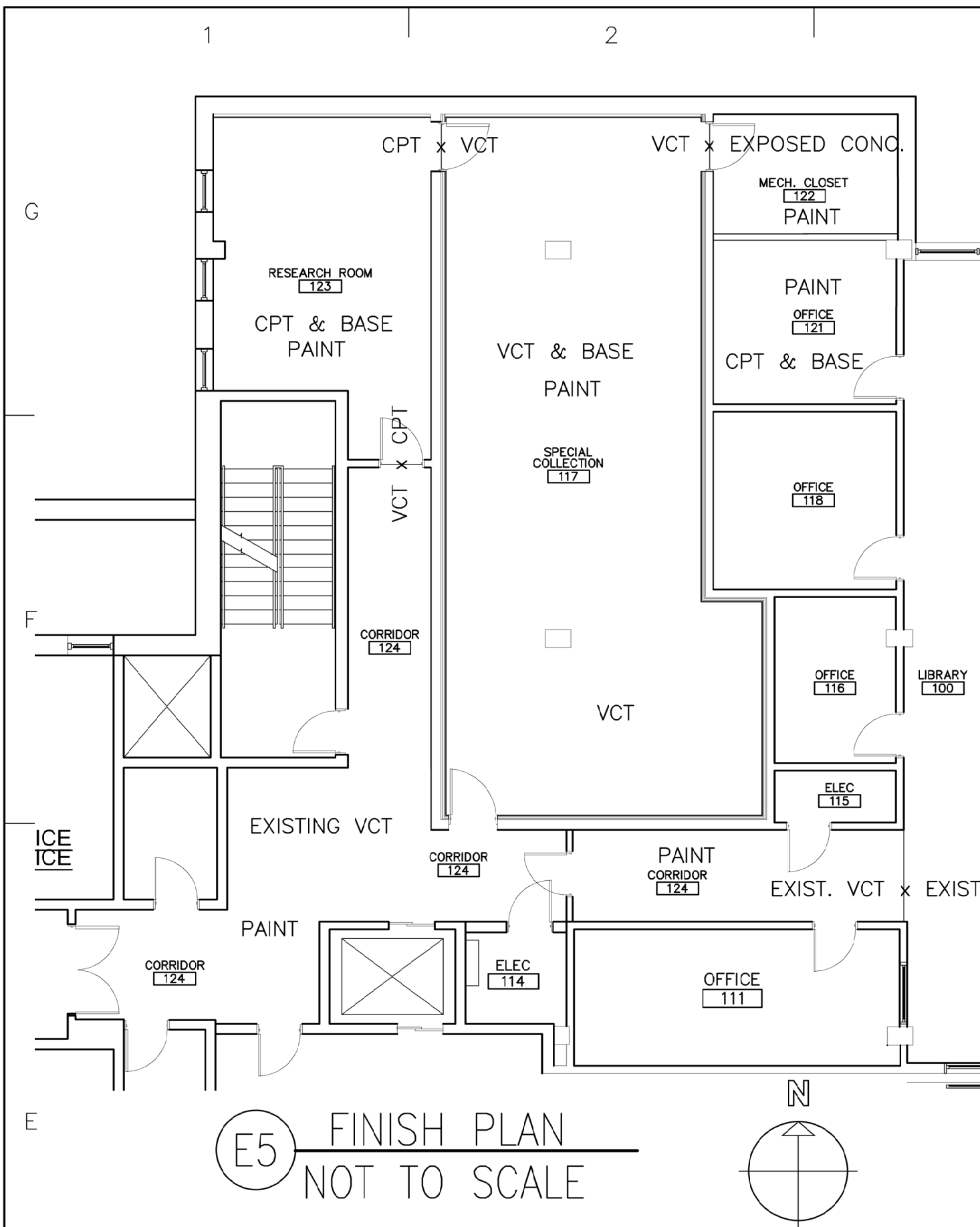
D9 P-3 ELEVATION @ WAFFLE SLAB
Scale: 3" = 1'-0"



A9 WALL PART'N TYPE P-3
Scale: 1 1/2" = 1'-0"

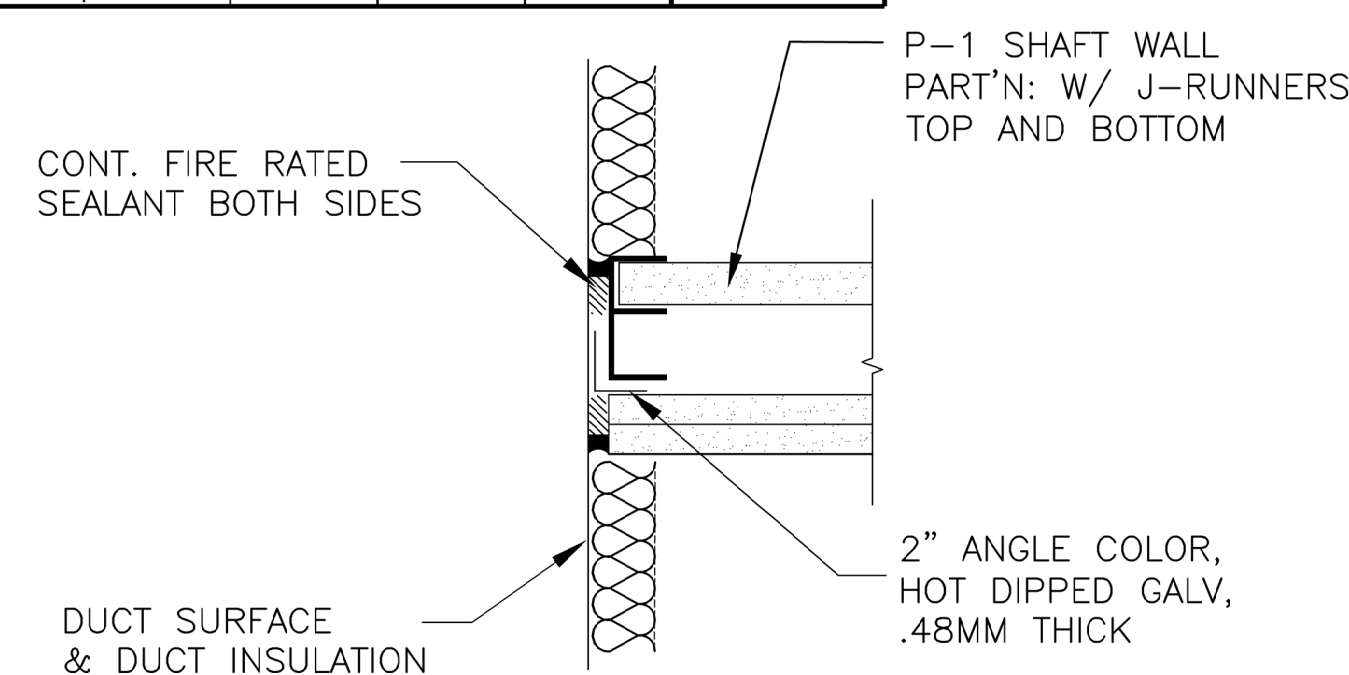


U.S. COAST GUARD ACADEMY 15 MOHEGAN AVENUE NEW LONDON, CT 06320	U.S. COAST GUARD ACADEMY PROJECT NUMBER 22020230 USCG DRAWING NUMBER CC-1358 USCG FILENAME CC-1358-22020230-9-26-L26-A-2023-X
PROJECT ENGINEER: PISANI, DEREK DRAWN BY: DEREK PISANI CHECKED BY: GERRY GOSSELIN	A/E COMPANY: A/E DESIGN COMPANY CITY, STATE A/E PROJECT NUMBER: A/E PROJECT NUMBER: CONSULTANT COMPANY NAME CONSULTANT CITY, STATE
SHEET 09 OF 26	RELOCATE LIBRARY SPECIAL COLLECTION U.S. COAST GUARD ACADEMY NEW LONDON ARCHITECTURAL DETAILS & WALL TYPES
SHEET ID WAESCHE HALL AE-301	

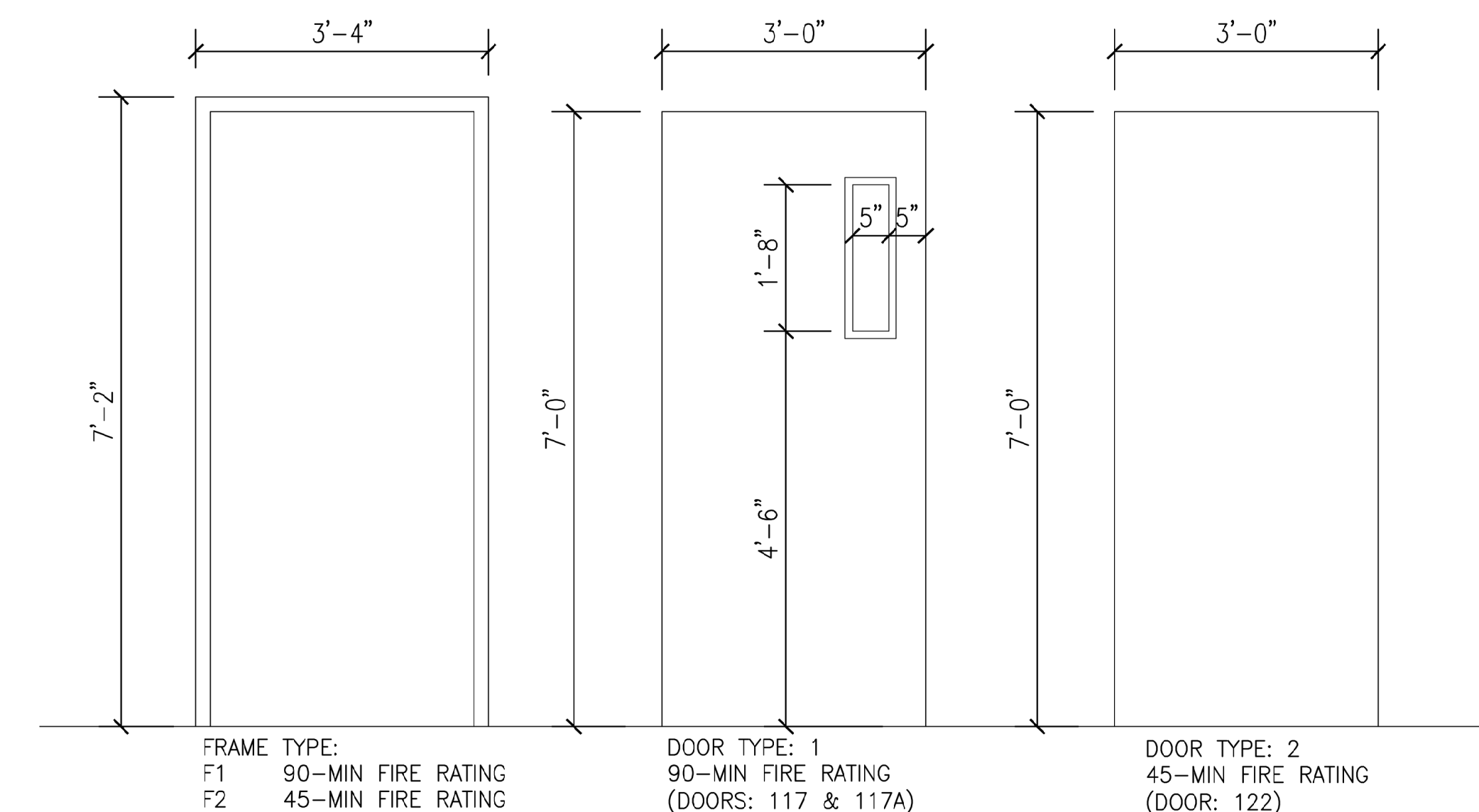


FINISH SCHEDULE (REFER TO SPECIFICATIONS)								
ROOM NUMBER	FLOOR	WALL BASE	WALLS				CEILING	
			NORTH	EAST	SOUTH	WEST		
116	N/A	N/A	N/A	N/A	N/A	N/A	ACT	
117	NEW & EXIST. VCT CLEAN, BUFF/WAX ENTIRE FLOOR	VWB & COLUMNS	PAINT	PAINT	PAINT	PAINT	ACT VINYL CLAD	
118	N/A	N/A	N/A	N/A	N/A	N/A	ACT	
121	NEW CPT	VWB	PAINT	PAINT	PAINT	PAINT	ACT	
122	EXPOSED CONC. CLEAN CONC. SURFACE	VWB	N/A	N/A	PAINT	PAINT	EXPOSED	
123	NEW CPT	VWB	PAINT	PAINT	PAINT	PAINT	ACT	
124	EXISTING VCT (CLEAN, BUFF & WAX)	N/A	PAINT	PAINT	PAINT	PAINT	ACT	
220	NEW & EXIST. VCT CLEAN, BUFF/WAX ENTIRE FLOOR	VWB	PAINT	PAINT	PAINT	PAINT	N/A	

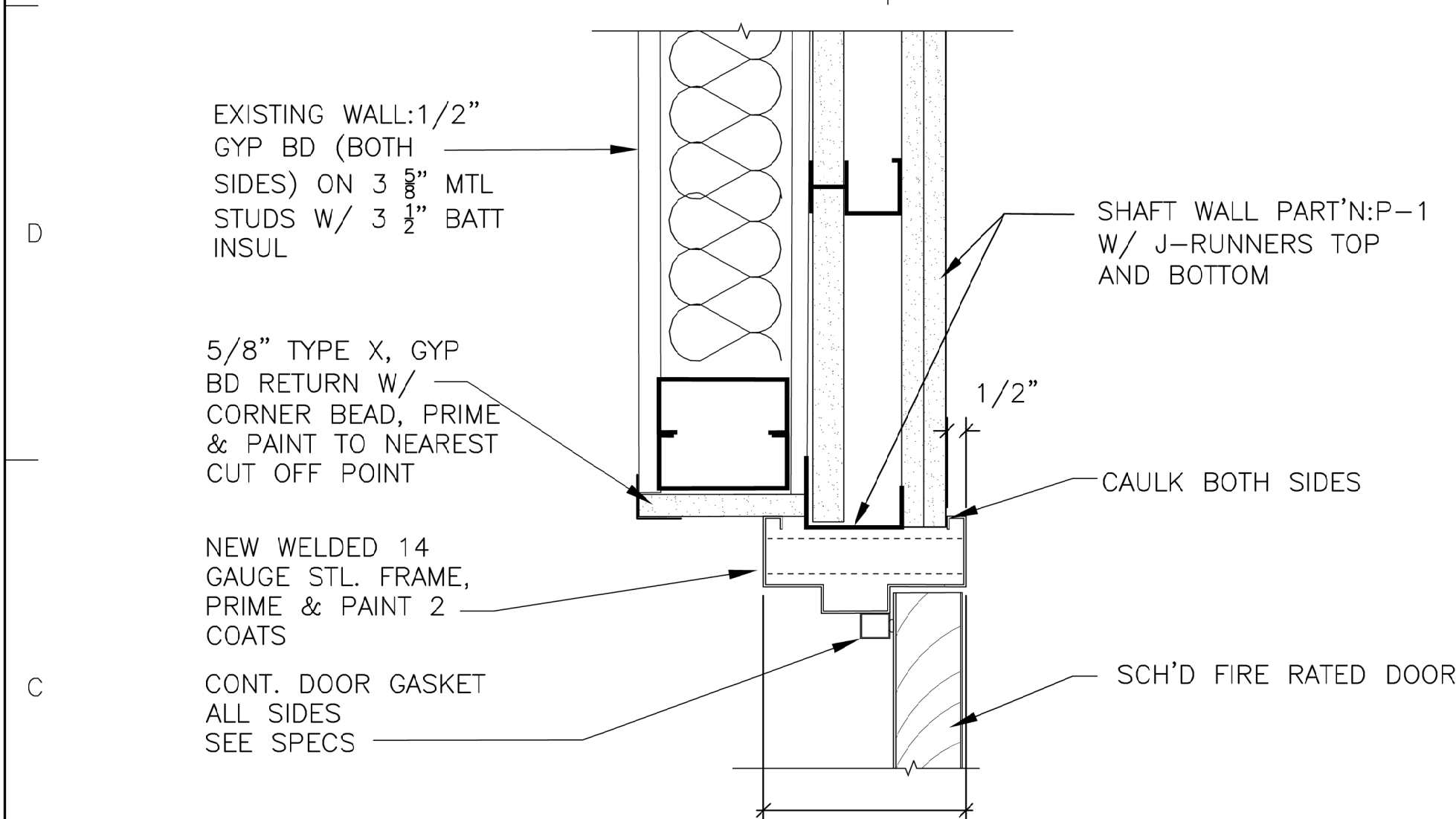
DOOR SCHEDULE																	
DOOR NUMBER	HDW GROUP	DIMENSIONS			DOOR					FRAME					DETAILS		
		WIDTH	HEIGHT	THICK	TYPE	MAT.	FINISH	COLOR	FIRE RATING	TYPE	MAT	FINISH	COLOR	FIRE RATED	HEAD	JAMB	
117	HW-1	3'-0"	7'-0"	1 3/4"	1	WD	STAINED	LIGHT OAK	90 MIN	F1	STL	PAINT	TBD	90 MIN	C5/AE302	A5/AE302	
117A	HW-1	3'-0"	7'-0"	1 3/4"	1	WD	STAINED	LIGHT OAK	90 MIN	F1	STL	PAINT	TBD	90 MIN	C5/AE302	E1/AE302 OPP. HAND	
122	HW-1	3'-0"	7'-0"	1 3/4"	2	MTL PANEL	STAINED	LIGHT	45 MIN	F1	STL	PAINT	TBD	45 MIN	C5/AE302	E1/AE302	



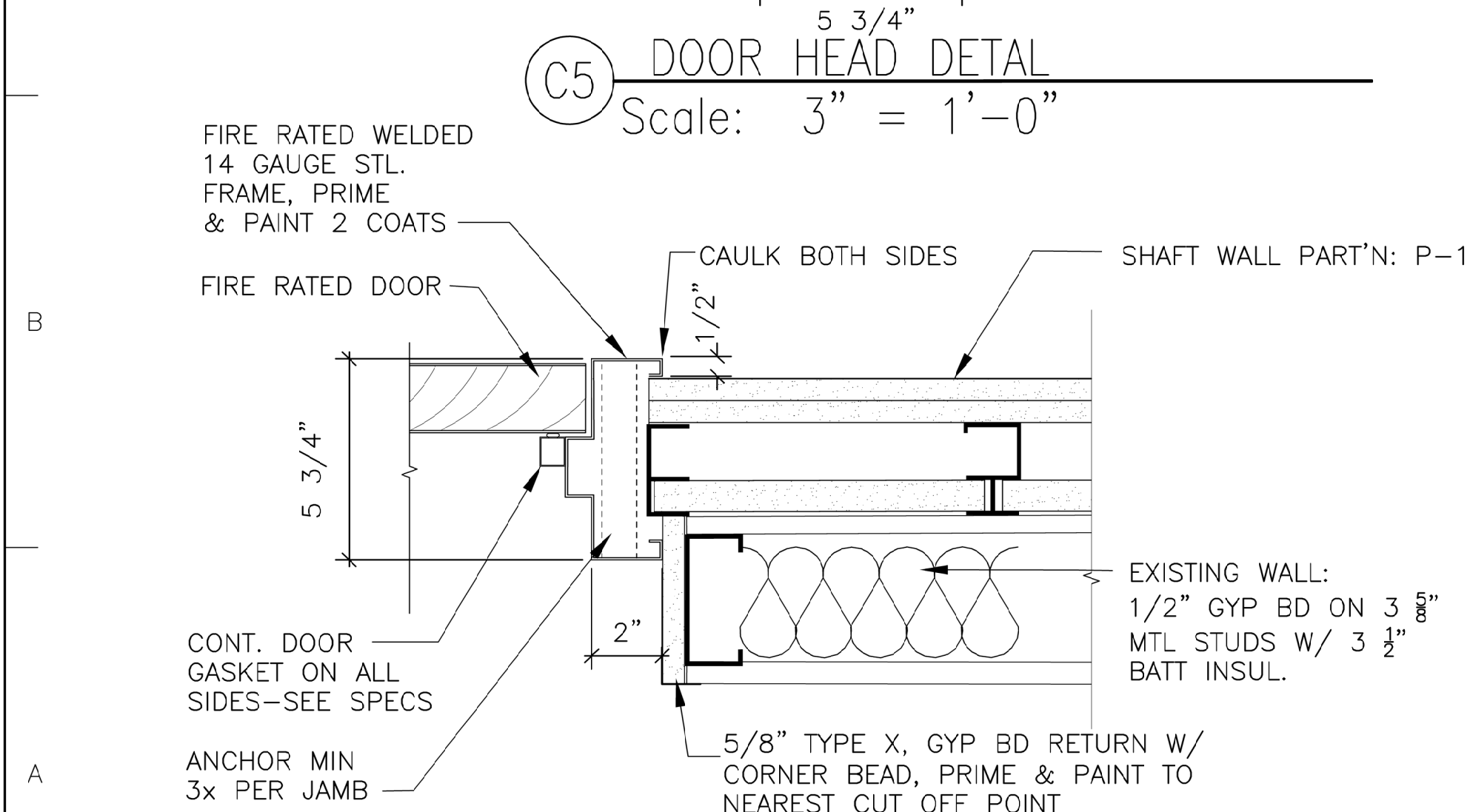
E1 TYP DUCT WALL PENETRATION - JAMB
Scale: 3" = 1'-0"



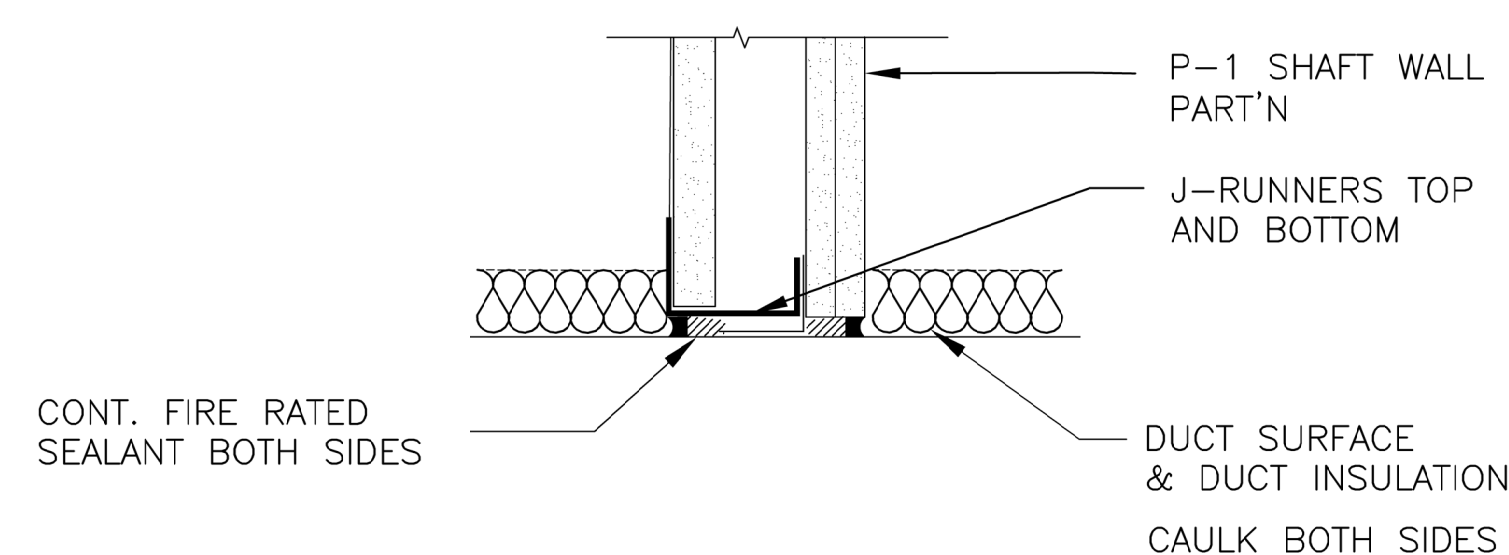
E7 DOOR & FRAME TYPES:
NOT TO SCALE



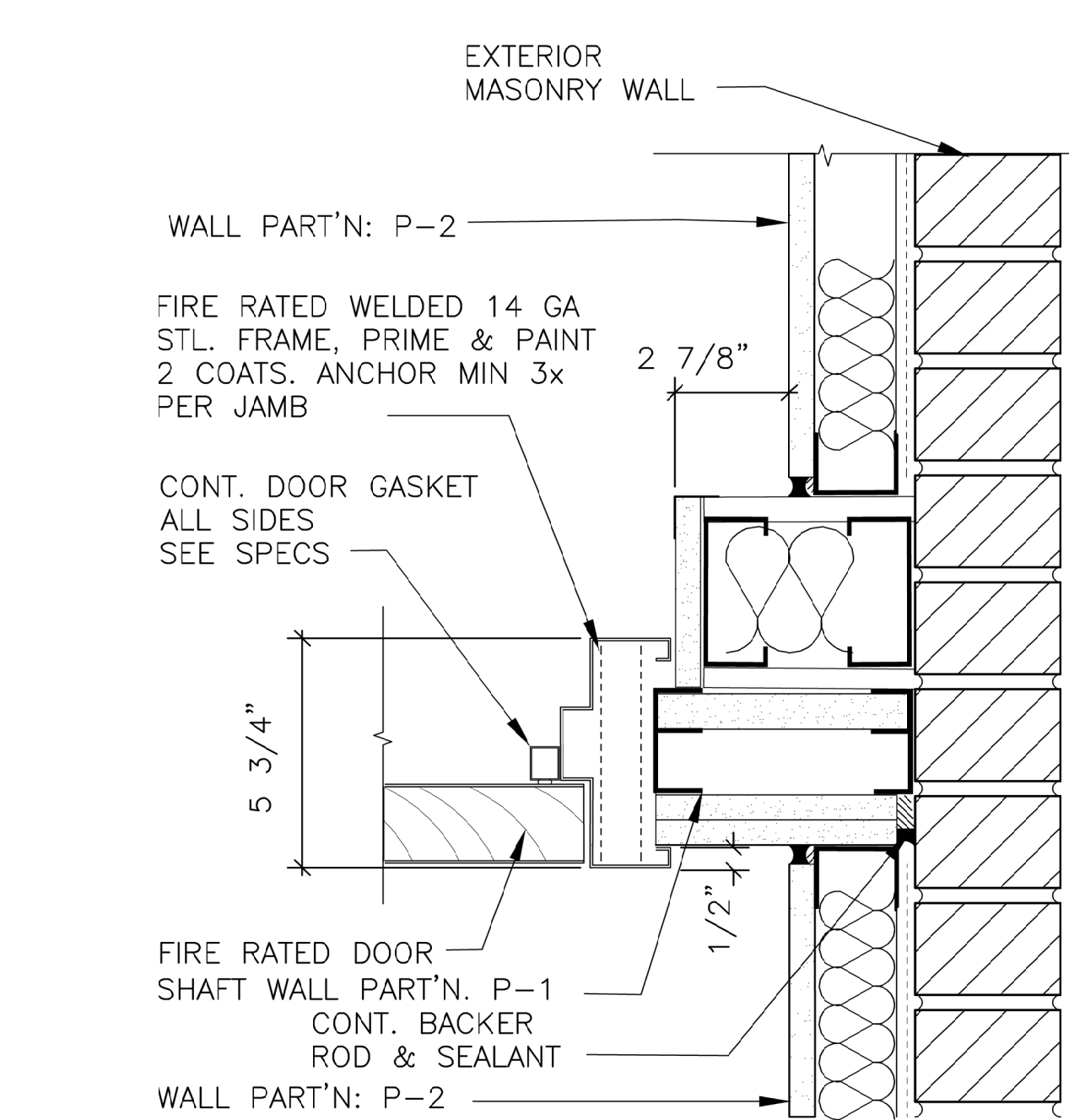
C5 DOOR HEAD DETAIL
Scale: 3" = 1'-0"



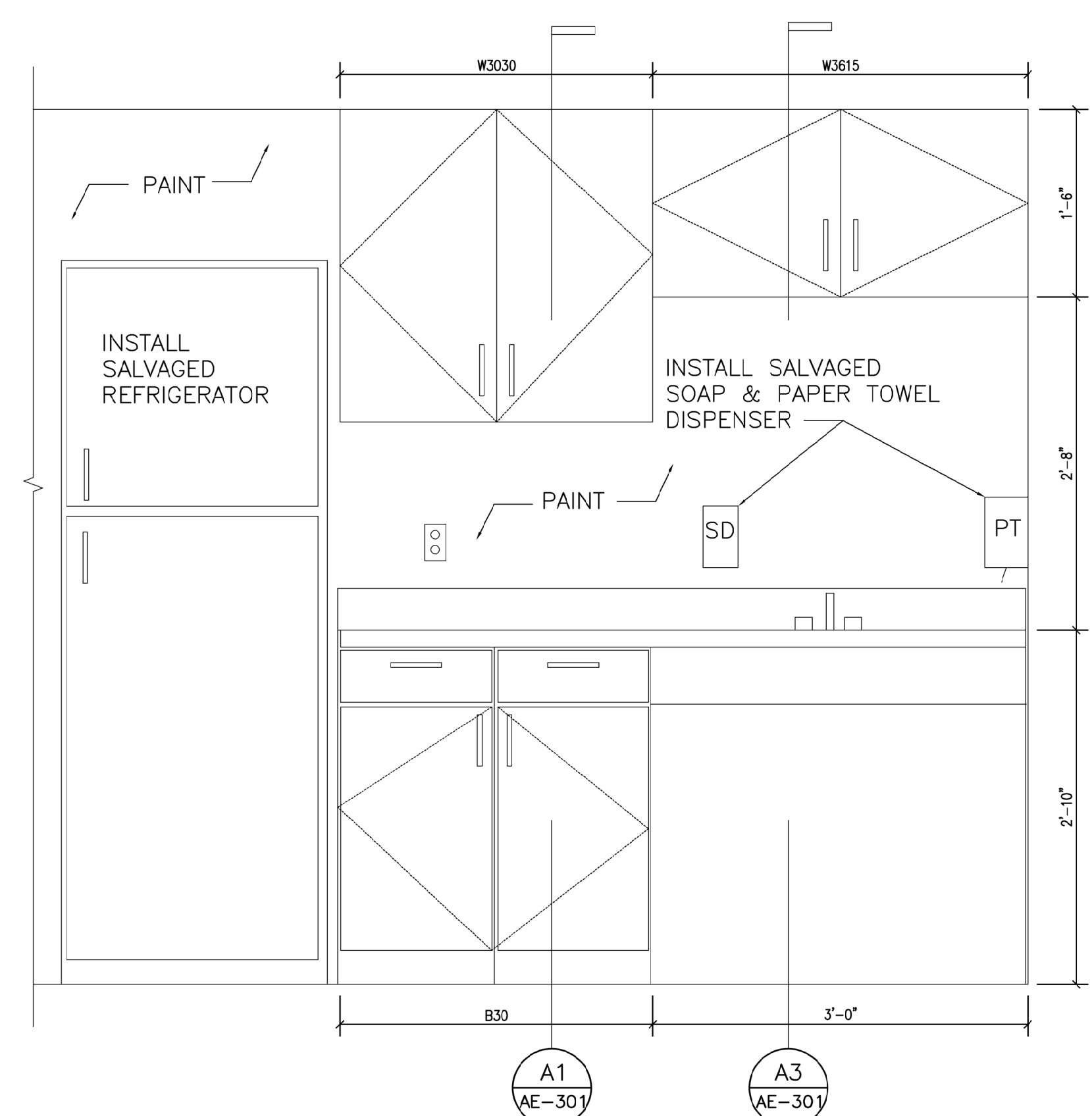
A5 DOOR JAMB DETAIL
Scale: 3" = 1'-0"



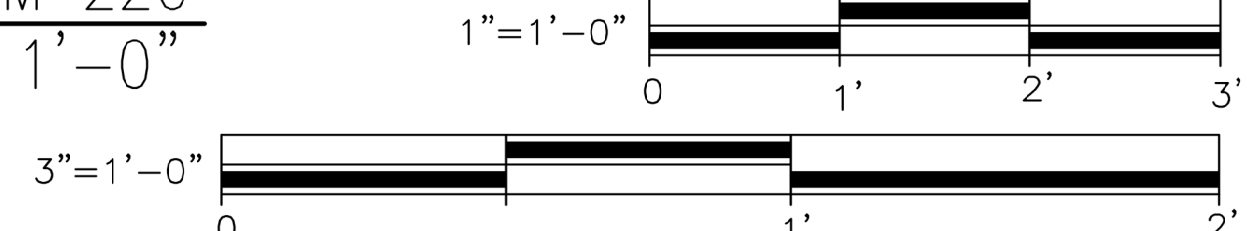
D1 TYP DUCT WALL PENETRATION - HEAD
Scale: 3" = 1'-0"



E1 DOOR JAMB DETAIL
Scale: 3" = 1'-0"



A8 BREAK ROOM 220
Scale: 1" = 1'-0"



U.S. COAST GUARD ACADEMY
15 MOHEGAN AVENUE
NEW LONDON, CT 06320
PROJECT ENGINEER:
PISANI, DEREK
USCG FILENAME:
CC-1358-2202030-10-26-L26-A-2023-X
SHEET 10 OF 26

RELOCATE LIBRARY SPECIAL COLLECTION
U.S. COAST GUARD ACADEMY
NEW LONDON
ARCHITECTURAL
DOOR SCHEDULE & DETAILS

SHEET ID
WAESCHE
HALL
AE-302

1/8/24
DATE

1
MARK

BID DOCUMENTS
DESCRIPTION

SCALE: AS SHOWN
PLOTING SCALE: 1:1

A/E COMPANY:
A/E DESIGN COMPANY NAME
A/E DESIGN COMPANY CITY, STATE
A/E PROJECT NUMBER:
A/E'S PROJECT NUMBER
CONSULTING A/E:
CONSULTANT COMPANY NAME
CONSULTANT CITY, STATE

U.S. COAST GUARD ACADEMY
15 MOHEGAN AVENUE
NEW LONDON, CT 06320
PROJECT ENGINEER:
PISANI, DEREK
USCG FILENAME:
CC-1358-2202030-10-26-L26-A-2023-X
SHEET 10 OF 26

U.S. COAST GUARD ACADEMY
15 MOHEGAN AVENUE
NEW LONDON, CT 06320
PROJECT ENGINEER:
PISANI, DEREK
USCG FILENAME:
CC-1358-2202030-10-26-L26-A-2023-X
SHEET 10 OF 26

U.S. COAST GUARD ACADEMY
15 MOHEGAN AVENUE
NEW LONDON, CT 06320
PROJECT ENGINEER:
PISANI, DEREK
USCG FILENAME:
CC-1358-2202030-10-26-L26-A-2023-X
SHEET 10 OF 26

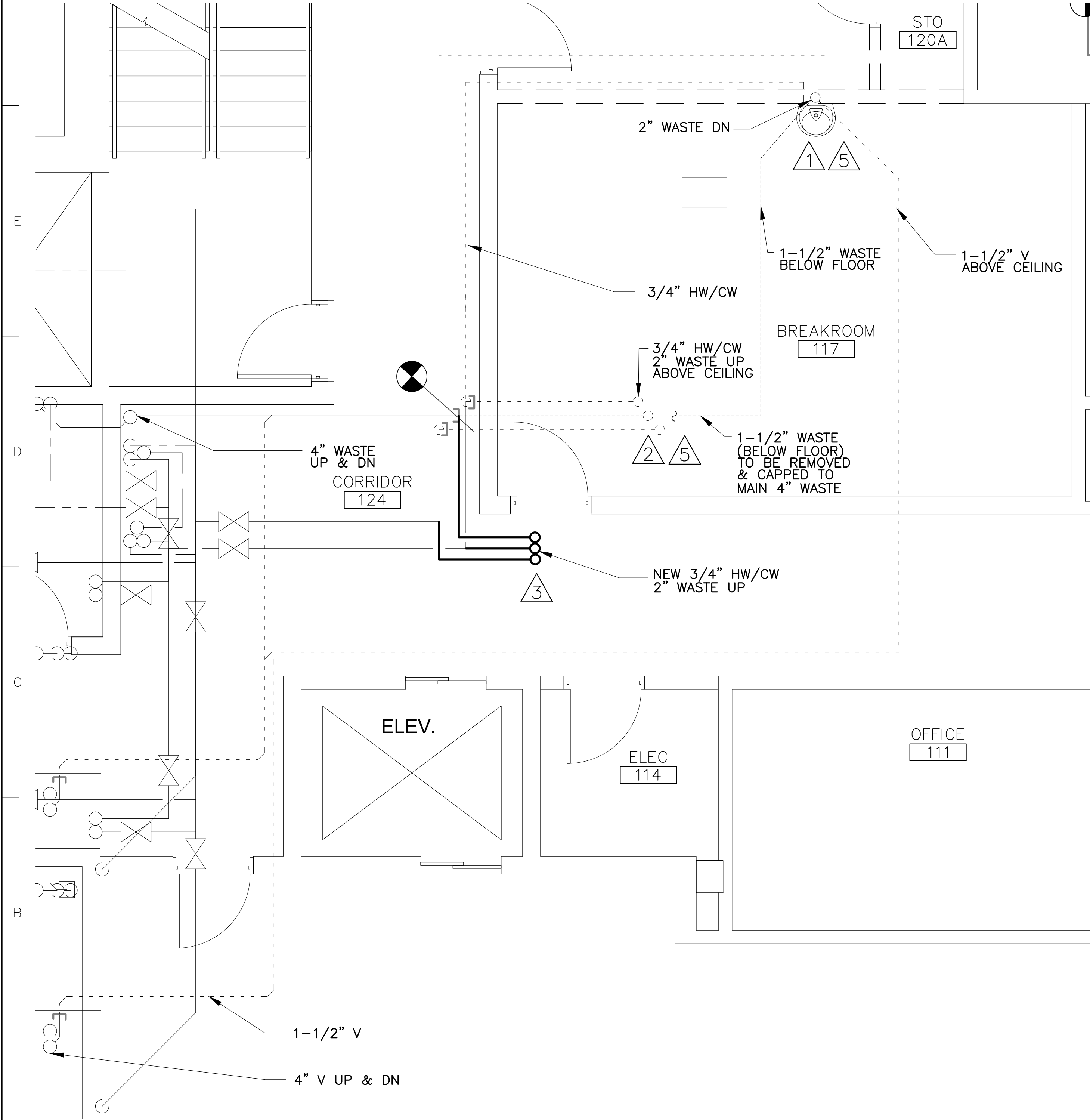
U.S. COAST GUARD ACADEMY
15 MOHEGAN AVENUE
NEW LONDON, CT 06320
PROJECT ENGINEER:
PISANI, DEREK
USCG FILENAME:
CC-1358-2202030-10-26-L26-A-2023-X
SHEET 10 OF 26

GENERAL NOTES:

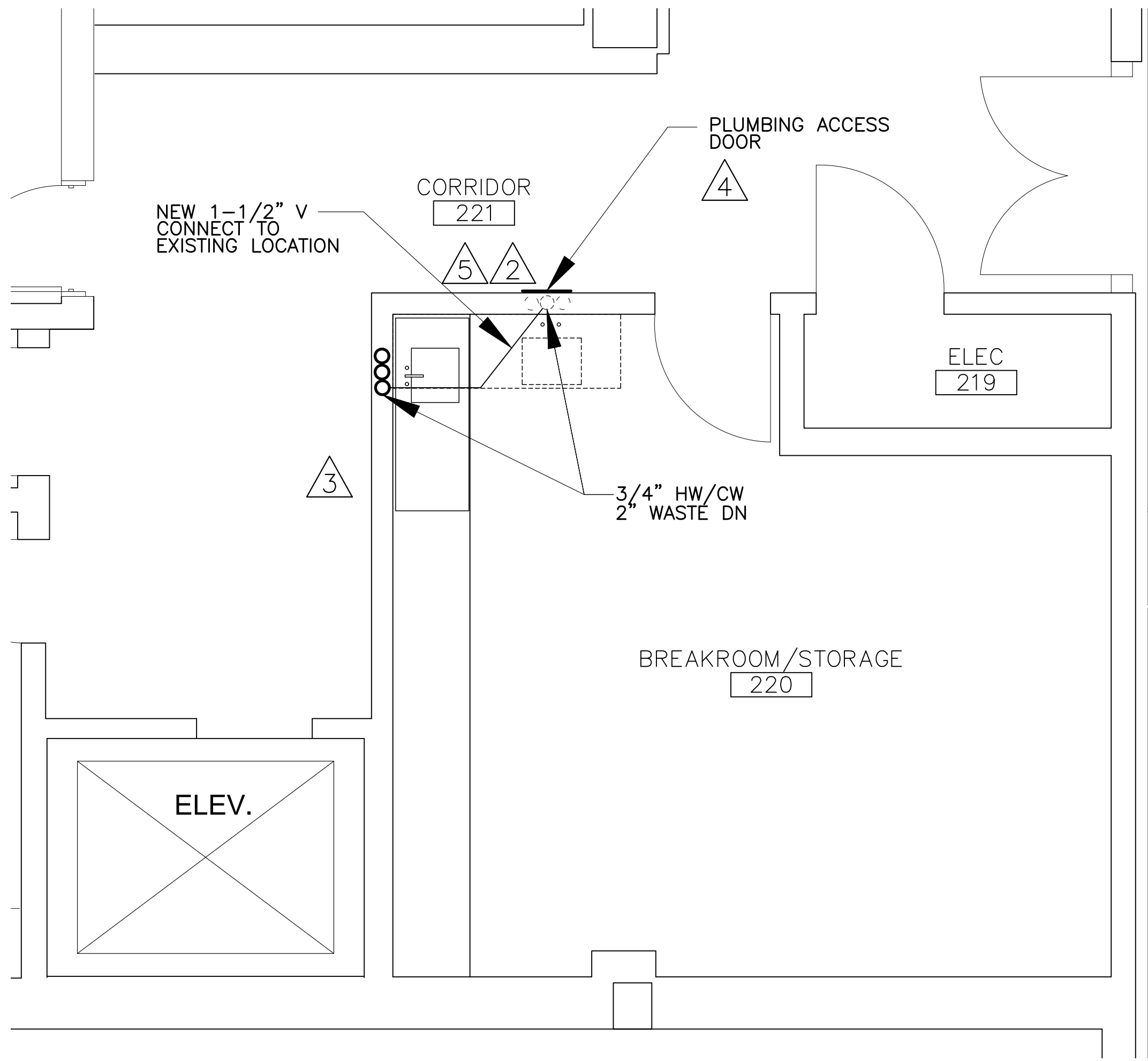
1. PLUMBING SYSTEM SHUTDOWN SHALL BE COORDINATED WITH THE COR. ISOLATION VALVES SHALL BE FIELD VERIFIED.
2. PIPING MATERIALS SHALL MATCH EXISTING.
HW AND CW: HARD COPPER
VENT AND WASTE: STEEL

REMOVAL & NEW WORK KEY NOTES

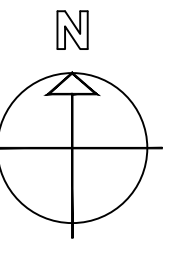
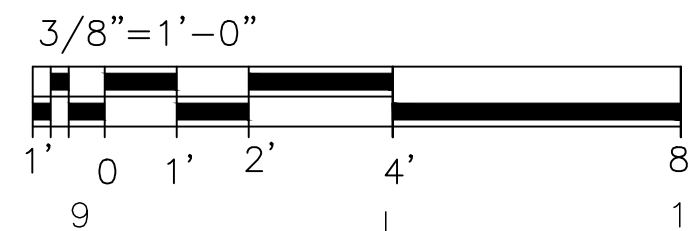
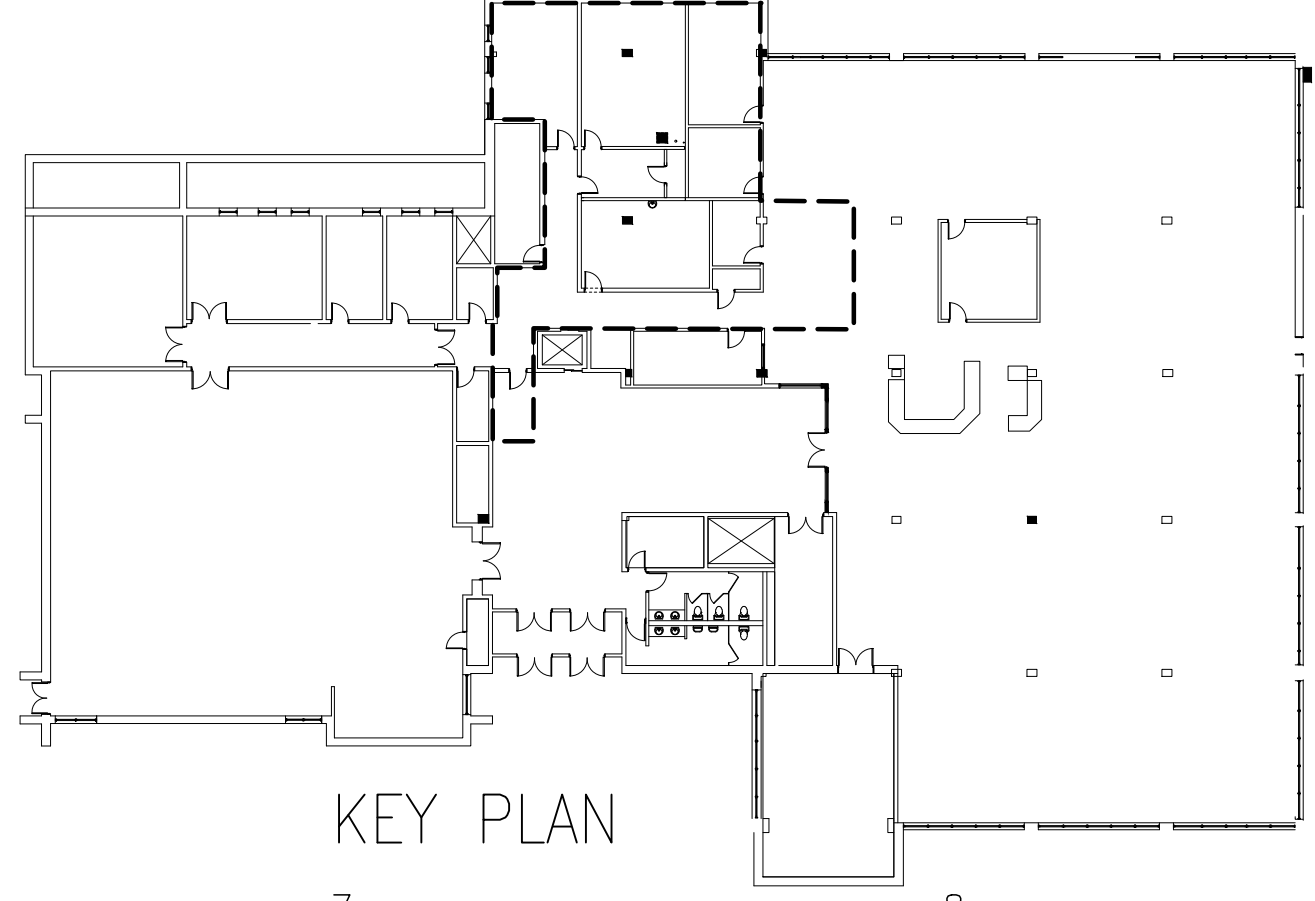
- 1 REMOVE EXISTING SINK, HW, CW, VENT AND WASTE PIPE AS PER PLAN. WASTE PIPE RUNS BELOW FLOOR. WASTE SHALL BE REMOVED AND CAPPED AT 4" WASTE MAIN.
- 2 REMOVE EXISTING SINK, HW, CW, VENT AND WASTE PIPE AS PER PLAN. VENT PIPE RUNS ABOVE CEILING (NOT SHOWN ON PLAN).
- 3 PROVIDE NEW HW, CW, VENT AND WASTE PIPE TO NEW SINK. CONNECT NEW VENT TO EXISTING ABOVE CEILING. COORDINATE SINK LOCATION PER ARCHITECTURAL PLAN. ALL SIZES SHALL MATCH EXISTING
- 4 REMOVE EXISTING PLUMBING ACCESS DOOR. PATCH AND REPAIR GYPSUM WALL BOARD TO MATCH ADJACENT.
- 5 PATCH AND REPAIR FLOOR OPENINGS, PROVIDE FIRE-STOP. REFER TO ARCH PLANS.



A2 1ST FLOOR REMOVAL & NEW WORK PLAN
Scale: 3/8" = 1'-0"



B6 1ST FLOOR REMOVAL & NEW WORK PLAN
Scale: 3/8" = 1'-0"



MARK	DESCRIPTION	DATE
1	BID DOCUMENTS	1/8/24

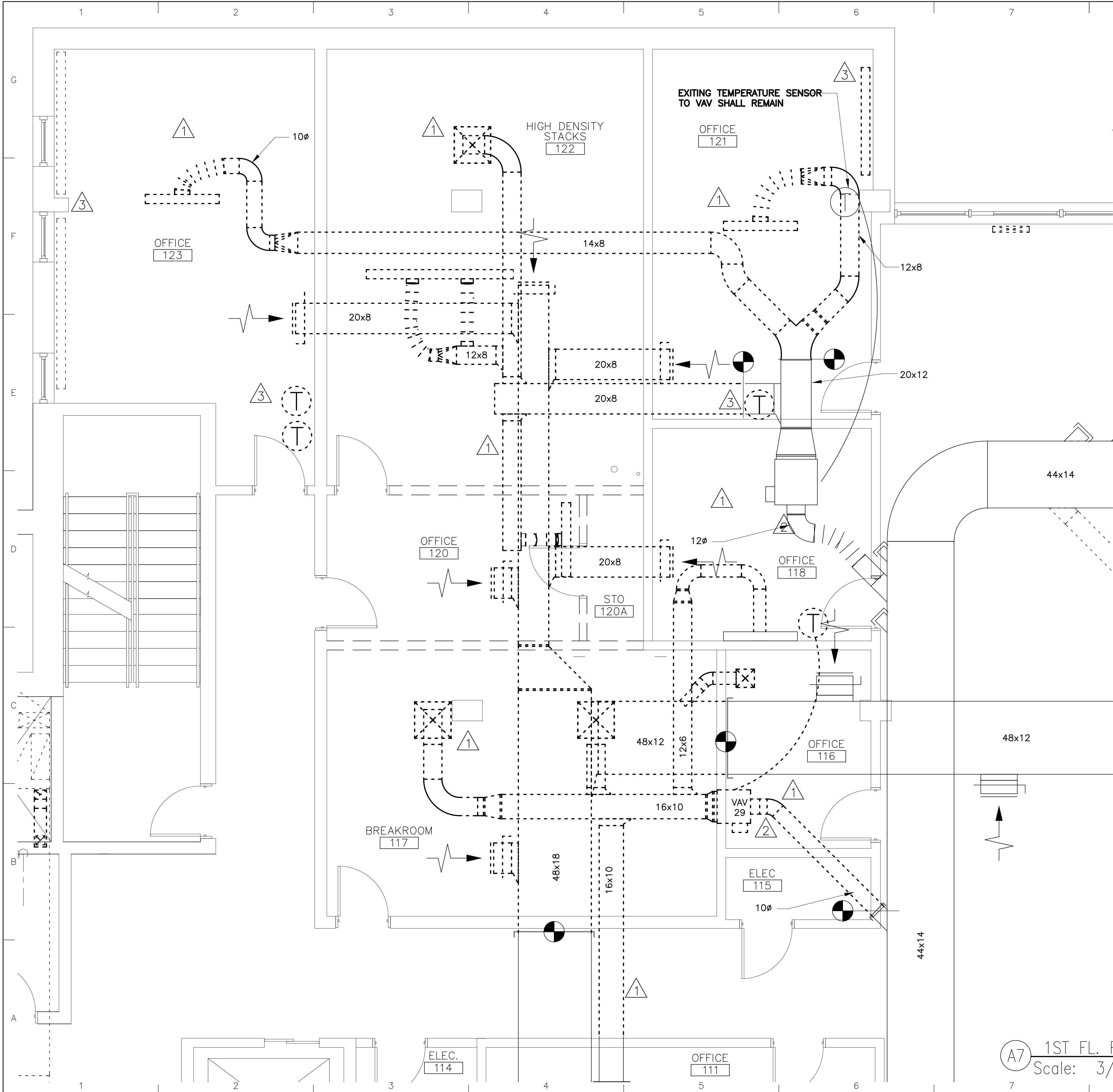
A/E COMPANY:	U.S. COAST GUARD ACADEMY
A/E DESIGN COMPANY NAME:	15 MOHEGAN AVENUE
A/E DESIGN COMPANY CITY, STATE:	NEW LONDON, CT 06320
A/E'S PROJECT NUMBER:	PISANI, DEREK
CONSULTANT A/E:	DEREK PISANI
CONSULTANT COMPANY NAME:	DEREK PISANI
CONSULTANT CITY, STATE:	NEW LONDON, CT

U.S. COAST GUARD ACADEMY	PROJECT ENGINEER:	DRAWN BY:
15 MOHEGAN AVENUE	PISANI, DEREK	DEREK PISANI
NEW LONDON, CT 06320		DEREK PISANI
		EDITED BY: GERRY JOSSELYN

USCG PROJECT NUMBER	CC-1358-22020230-11-26-L26-P-2023-X
CGA PROJECT NUMBER	22020230
USCG DRAWING NUMBER	CC-1358
CGA DRAWING NUMBER	CC-1358
USCG FILENAME	CC-1358-22020230-11-26-L26-P-2023-X

RELOCATE LIBRARY SPECIAL COLLECTION	PLUMBING	REMOVAL & NEW WORK
U.S. COAST GUARD ACADEMY		
NEW LONDON		
CT		

SHEET ID	PROPERTY
P-101	

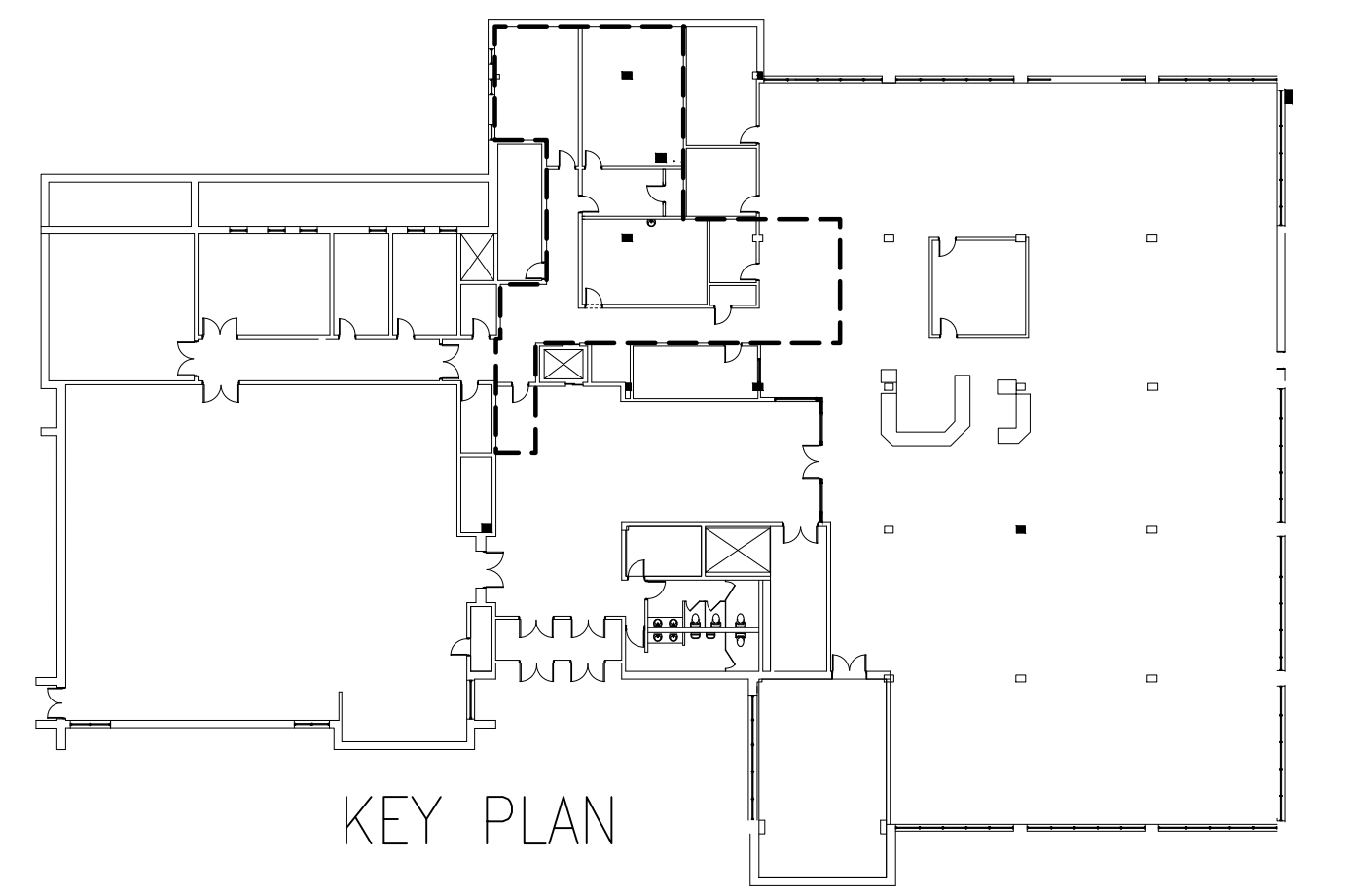


GENERAL NOTES:

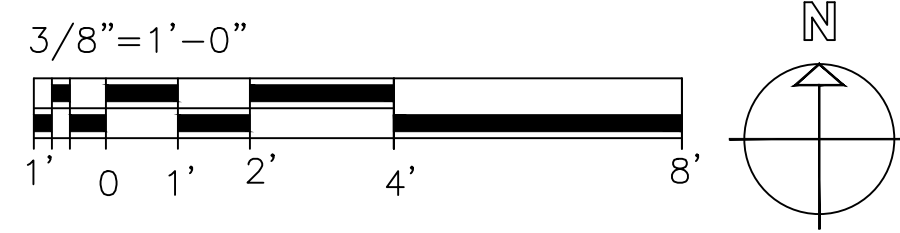
- AHU SHUTDOWN (4 TO 8 HRS. MAXIMUM) SHALL BE COORDINATED WITH THE COR. DUCTWORK OPENING SHALL BE PERMANENTLY CAPPED, OR PROVIDE TEMPORARY FILTER NECESSARY PRIOR TO INSTALLING NEW DUCTWORK AS PER NEW WORK PLAN, AHU SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
- REMOVE CEILING TILES, GRID, TRIM, SUSPENSION SUPPORT NECESSARY TO REMOVE DUCTWORK, VAV, DIFFUSERS, GRILLES ETC. WORK SHALL BE COORDINATED AS PER ARCHITECTURAL PLANS.

REMOVAL KEY NOTES

- 1 REMOVE ALL DUCTWORK, DIFFUSER, GRILLE, SUPPORTS, AND MISCELLANEOUS INCIDENTAL ITEMS.
- 2 REMOVE VAV, ASSOCIATED CONTROL, TEMPERATURE SENSOR, WIRING ETC.
- 3 REMOVE ELECTRIC RADIATOR, ASSOCIATED CONTROL, TEMPERATURE SENSOR, WIRING ETC.



A7 1ST FL. REMOVAL PLAN
Scale: 3/8" = 1'-0"





U.S. COAST GUARD
CIVIL ENGINEERING

1/8/24		DATE	
1	BID DOCUMENTS	1/8/24	DATE
MARK	DESCRIPTION		

SCALE: AS SHOWN
PLOTING SCALE: 1:1

A/E COMPANY:	U.S. COAST GUARD ACADEMY
A/E DESIGN:	15 MOHEGAN AVENUE
A/E PROJECT NUMBER:	NEW LONDON, CT 06320
A/E'S PROJECT NUMBER:	PROJECT ENGINEER:
CONSULTANT COMPANY NAME:	PISANI, DEREK
CONSULTANT'S CITY, STATE:	DESIGNED BY:
	DEREK PISANI
	EDITED BY:
	GERRY JOSSELIN

USCG PROJECT NUMBER	CGA PROJECT NUMBER 22020230
USCG DRAWING NUMBER	USCG DRAWING NUMBER
CGA DRAWING NUMBER	CGA DRAWING NUMBER CC-1358
USCG FILENAME	USCG FILENAME
CC-1358-22020230-13-26-L26-M-2023-X	CC-1358-22020230-13-26-L26-M-2023-X
SHEET 13	OF 26

RELOCATE LIBRARY SPECIAL COLLECTION

U.S. COAST GUARD ACADEMY CT

NEW LONDON

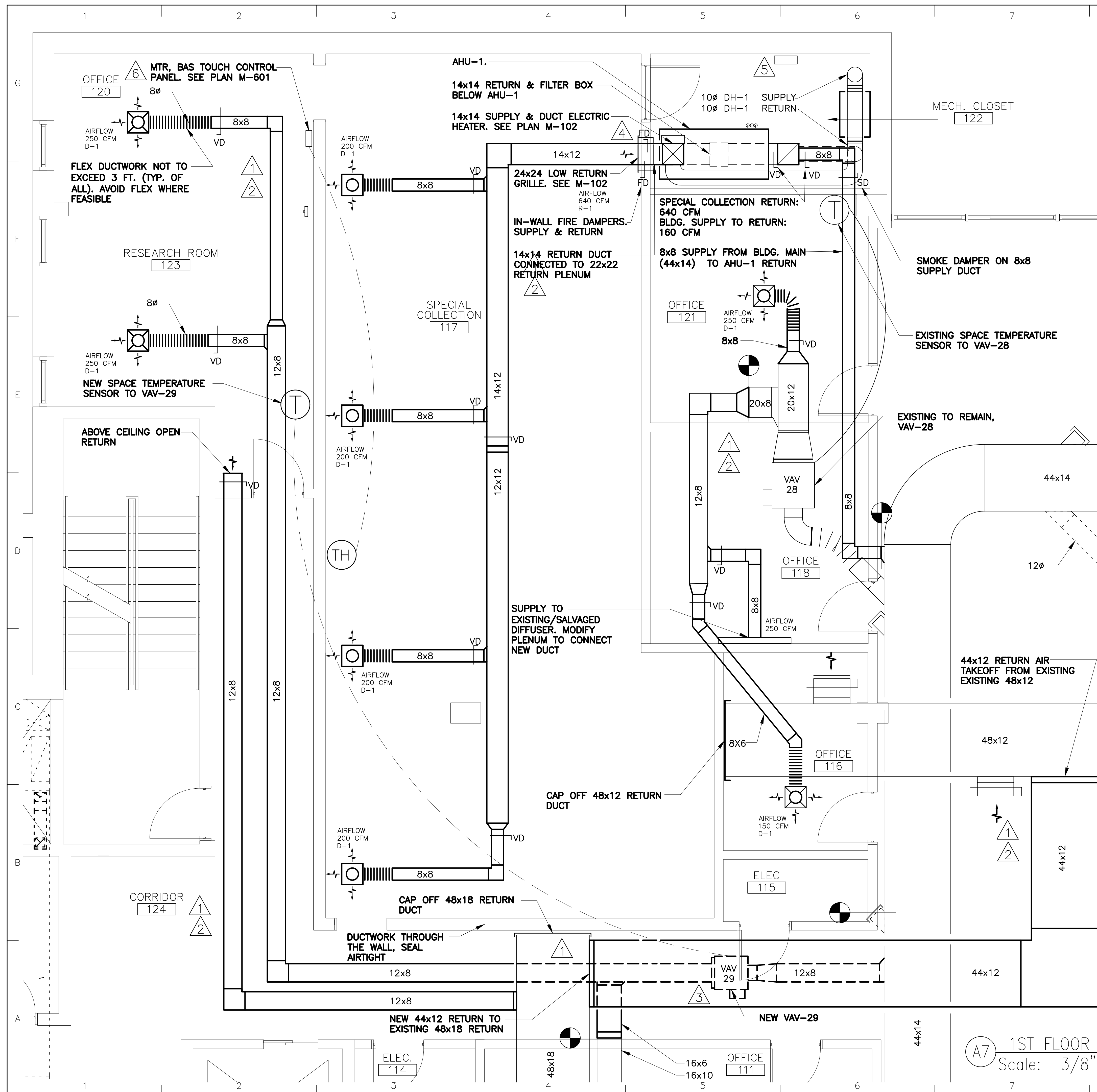
MECHANICAL

1ST FL. REMOVAL WORK

SHEET ID

PROPERTY

MD-101

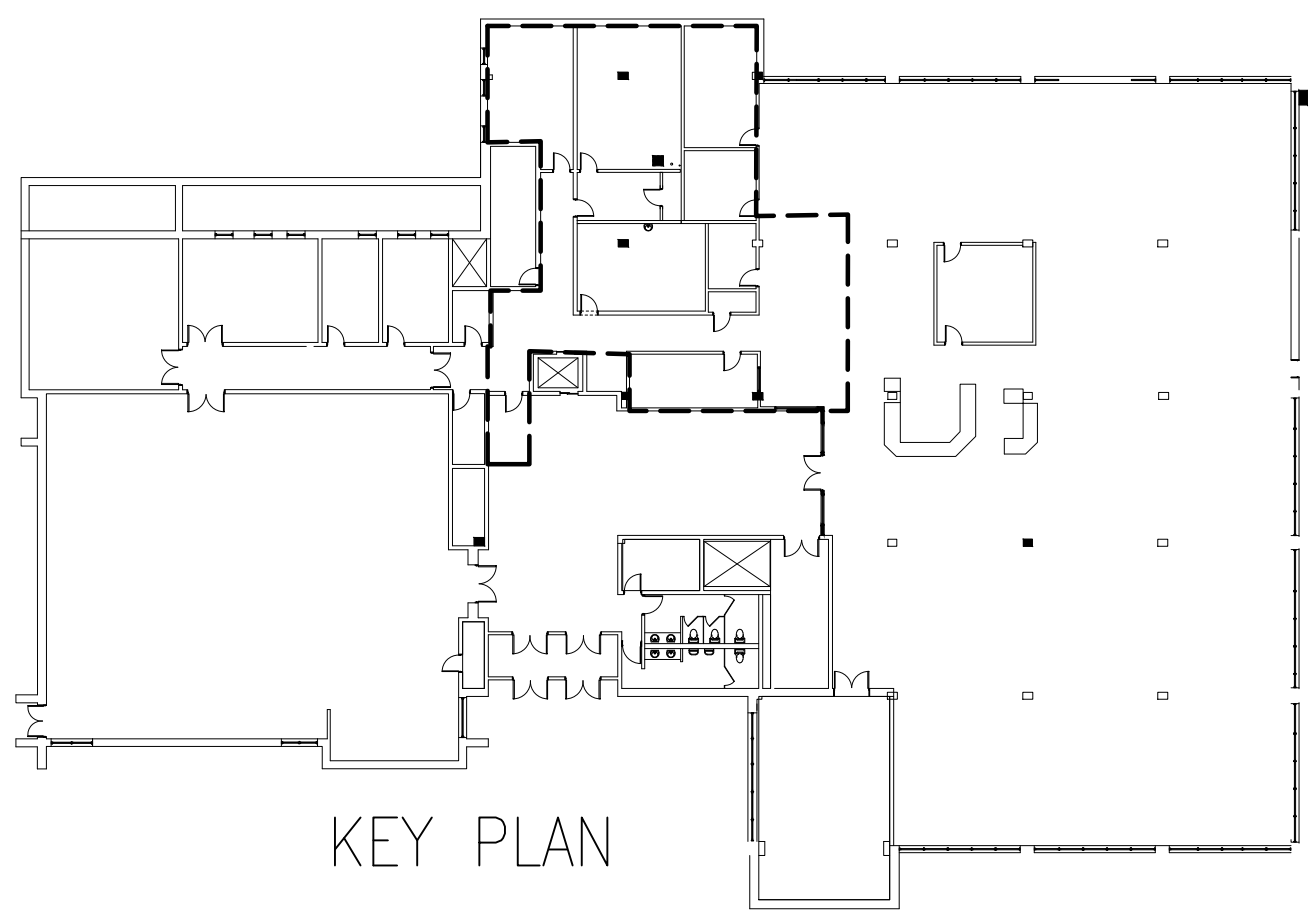


GENERAL NOTES:

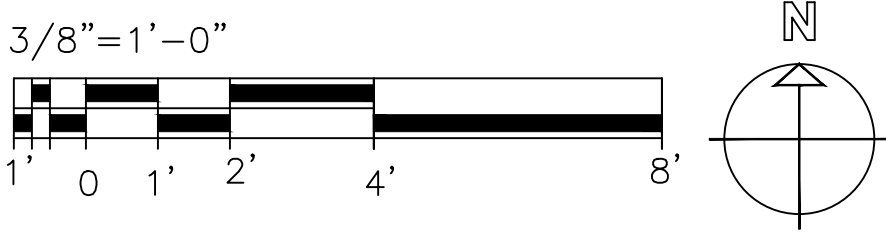
1. TESTING & BALANCING: AIR BALANCING SHALL BE PROVIDED PER NEW WORK PLAN

NEW WORK KEY NOTES

- 1 PROVIDE DUCTWORK, DIFFUSER, GRILLE, SUPPORTS ETC.
- 2 PROVIDE CEILING TILES, GRID, TRIM, SUSPENSION SUPPORT NECESSITATE TO REPLACE VAV, DIFFUSERS AND GRILLES
- 3 PROVIDE IN KIND VAV REPLACEMENT WITH ELECTRIC REHEAT COIL, ASSOCIATED CONTROL, TEMPERATURE SENSOR, WIRING ETC. CONTROLS SHALL BE FURNISHED BY THE BAS CONTROL CONTRACTOR. EXISTING ELECTRICAL BREAKER AND WIRING SHALL BE REUSED, VAV ELECTRICAL CHARACTERISTIC SHALL MATCH EXISTING VAV. EXISTING AND NEW VAV DIMENSIONS SHALL BE FIELD VERIFIED.
- 4 DUCTWORK PENETRATION THROUGH THE WALL BETWEEN SPECIAL COLLECTION AND MECH. CLOSET SHALL BE SEALED AIRTIGHT. REFER TO ARCHITECTURAL DETAILS & NOTES.
- 5 BAS/SIEMENS CONTROL PANEL. SEE M-601
- 6 BAS/SIEMENS MTR TOUCH CONTROL PANEL

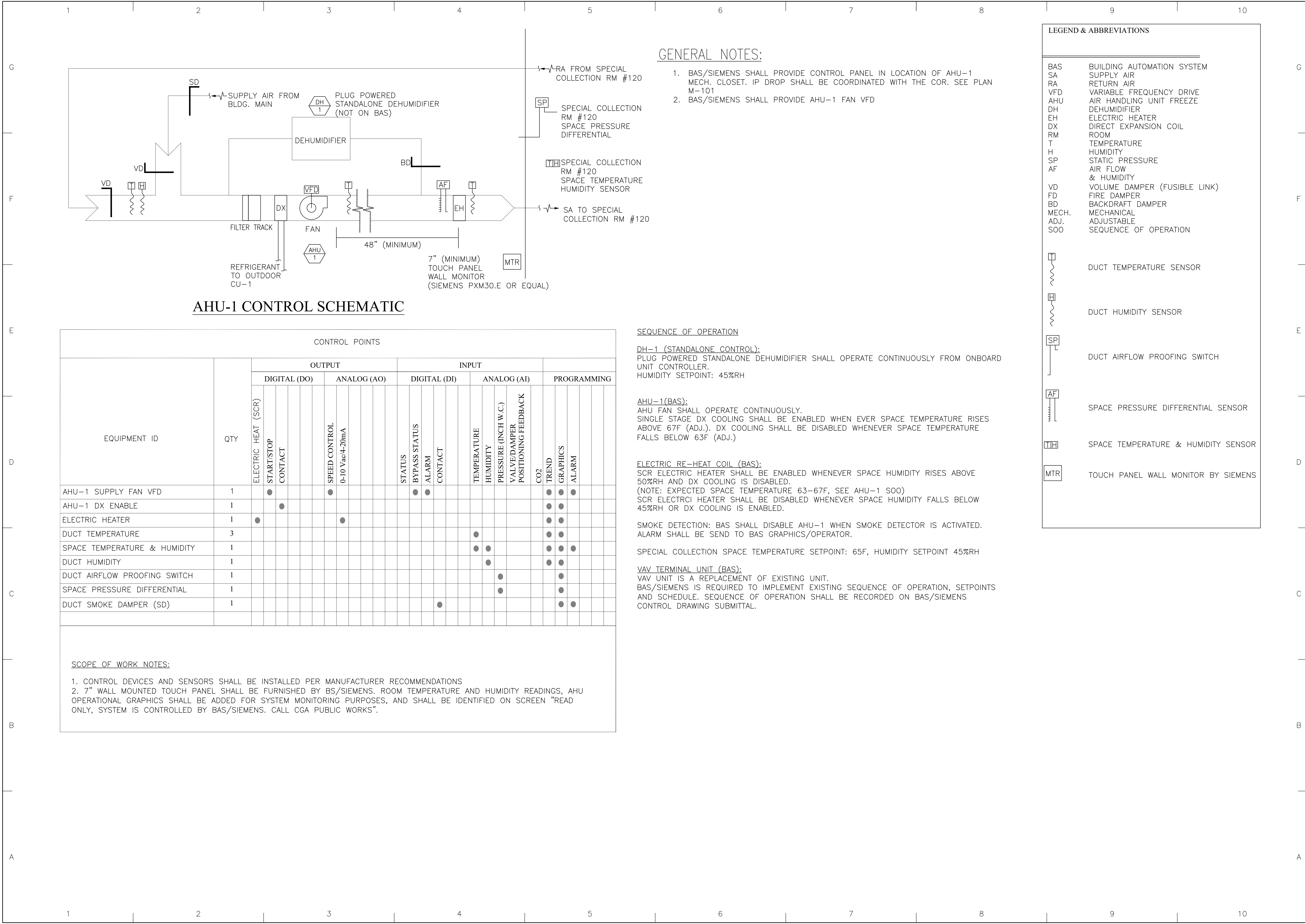


A7 1ST FLOOR NEW WORK PLAN
Scale: 3/8" = 1'-0"



U.S. COAST GUARD CIVIL ENGINEERING

U.S. COAST GUARD ACADEMY 15 MOHEGAN AVENUE NEW LONDON, CT 06320 PROJECT ENGINEER: PISANI, DEREK DESIGNED BY: DEREK PISANI CHECKED BY: GERRY GOSSELIN EDITED BY: NAME	USCG PROJECT NUMBER CGA PROJECT NUMBER 22020230 USCG DRAWING NUMBER CGA DRAWING NUMBER CC-1358 USCG FILENAME CC-1358-22020230-14-26-L26-M-2023-X SHEET 14 OF 26	RELOCATE LIBRARY SPECIAL COLLECTION U.S. COAST GUARD ACADEMY NEW LONDON MECHANICAL 1ST FL. NEW WORK	SHEET ID PROPERTY M-101	1/8/24 DATE 1 BID DOCUMENTS MARK DESCRIPTION	SCALE: AS SHOWN PLOTTING SCALE: 1:1
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AHU-1 CONTROL SCHEMATIC

CONTROL POINTS																
EQUIPMENT ID	QTY	ELECTRIC HEAT (SCR)	OUTPUT					INPUT					PROGRAMMING			
			DIGITAL (DO)					ANALOG (AO)					DIGITAL (DI)			
			START/STOP CONTACT					SPEED CONTROL 0-10 Vac/4-20mA					STATUS BYPASS STATUS ALARM CONTACT			
TEMPERATURE HUMIDITY PRESSURE (INCH W.C.) VALVE/DAMPER POSITIONING FEEDBACK CO2 TREND GRAPHICS ALARM																
AHU-1 SUPPLY FAN VFD	1		●					●					●	●	●	
AHU-1 DX ENABLE	1			●												
ELECTRIC HEATER	1	●						●								
DUCT TEMPERATURE	3															
SPACE TEMPERATURE & HUMIDITY	1															
DUCT HUMIDITY	1															
DUCT AIRFLOW PROOFING SWITCH	1															
SPACE PRESSURE DIFFERENTIAL	1															
DUCT SMOKE DAMPER (SD)	1															

SCOPE OF WORK NOTES:

1. CONTROL DEVICES AND SENSORS SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS

2. 7" WALL MOUNTED TOUCH PANEL SHALL BE FURNISHED BY BS/SIEMENS. ROOM TEMPERATURE AND HUMIDITY READINGS, AHU OPERATIONAL GRAPHICS SHALL BE ADDED FOR SYSTEM MONITORING PURPOSES, AND SHALL BE IDENTIFIED ON SCREEN "READ ONLY, SYSTEM IS CONTROLLED BY BAS/SIEMENS. CALL CGA PUBLIC WORKS".

GENERAL NOTES:

1. BAS/SIEMENS SHALL PROVIDE CONTROL PANEL IN LOCATION OF AHU-1 MECH. CLOSET. IP DROP SHALL BE COORDINATED WITH THE COR. SEE PLAN M-101
2. BAS/SIEMENS SHALL PROVIDE AHU-1 FAN VFD

SEQUENCE OF OPERATION

DH-1 (STANDALONE CONTROL):

PLUG POWERED STANDALONE DEHUMIDIFIER SHALL OPERATE CONTINUOUSLY FROM ONBOARD UNIT CONTROLLER.

HUMIDITY SETPOINT: 45%RH

AHU-1(BAS):

AHU FAN SHALL OPERATE CONTINUOUSLY.

SINGLE STAGE DX COOLING SHALL BE ENABLED WHEN EVER SPACE TEMPERATURE RISES ABOVE 67F (ADJ.). DX COOLING SHALL BE DISABLED WHENEVER SPACE TEMPERATURE FALLS BELOW 63F (ADJ.)

ELECTRIC RE-HEAT COIL (BAS):

SCR ELECTRIC HEATER SHALL BE ENABLED WHENEVER SPACE HUMIDITY RISES ABOVE 50%RH AND DX COOLING IS DISABLED.

(NOTE: EXPECTED SPACE TEMPERATURE 63-67F, SEE AHU-1 SOO)

SCR ELECTRIC HEATER SHALL BE DISABLED WHENEVER SPACE HUMIDITY FALLS BELOW 45%RH OR DX COOLING IS ENABLED.

SMOKE DETECTION: BAS SHALL DISABLE AHU-1 WHEN SMOKE DETECTOR IS ACTIVATED. ALARM SHALL BE SEND TO BAS GRAPHICS/OPERATOR.

SPECIAL COLLECTION SPACE TEMPERATURE SETPOINT: 65F, HUMIDITY SETPOINT 45%RH

VAV TERMINAL UNIT (BAS):

VAV UNIT IS A REPLACEMENT OF EXISTING UNIT.

BAS/SIEMENS IS REQUIRED TO IMPLEMENT EXISTING SEQUENCE OF OPERATION, SETPOINTS AND SCHEDULE. SEQUENCE OF OPERATION SHALL BE RECORDED ON BAS/SIEMENS CONTROL DRAWING SUBMITTAL.

LEGEND & ABBREVIATIONS

BAS	BUILDING AUTOMATION SYSTEM
SA	SUPPLY AIR
RA	RETURN AIR
VFD	VARIABLE FREQUENCY DRIVE
AHU	AIR HANDLING UNIT FREEZE
DH	DEHUMIDIFIER
EH	ELECTRIC HEATER
DX	DIRECT EXPANSION COIL
RM	ROOM
T	TEMPERATURE
H	HUMIDITY
SP	STATIC PRESSURE
AF	AIR FLOW & HUMIDITY
VD	VOLUME DAMPER (FUSIBLE LINK)
FD	FIRE DAMPER
BD	BACKDRAFT DAMPER
MECH.	MECHANICAL
ADJ.	ADJUSTABLE
SOO	SEQUENCE OF OPERATION

	DUCT TEMPERATURE SENSOR
	DUCT HUMIDITY SENSOR
	DUCT AIRFLOW PROOFING SWITCH
	SPACE PRESSURE DIFFERENTIAL SENSOR
	SPACE TEMPERATURE & HUMIDITY SENSOR
	TOUCH PANEL WALL MONITOR BY SIEMENS

U.S. COAST GUARD CIVIL ENGINEERING

1	BID DOCUMENTS	1/8/24	DATE
1	MARK DESCRIPTION	PLOTING SCALE: 1:1	

A/E COMPANY: COMPANY NAME
A/E DESIGN COMPANY CITY, STATE
A/E DESIGN COMPANY'S PHONE NUMBER
A/E'S PROJECT NUMBER:
CONSULTANT A/E:
CONSULTANT COMPANY NAME
CONSULTANT'S CITY, STATE

U.S. COAST GUARD ACADEMY
15 MOHEGAN AVENUE
NEW LONDON, CT 06320
PROJECT ENGINEER:
PISANI, DEREK
DRAWN BY:
DEREK PISANI
CHECKED BY:
GERRY GOSSELIN
EDITED BY: NAME

USCG PROJECT NUMBER
CGA PROJECT NUMBER 22020230
USCG DRAWING NUMBER
CGA DRAWING NUMBER CC-1358
USCG FILENAME
CC-1358-22020230-17-26-L26-M-2023-X

SHEET 17 OF 26

RELOCATE LIBRARY SPECIAL COLLECTION
U.S. COAST GUARD ACADEMY
NEW LONDON CT

BAS CONTROLS
NEW WORK

SHEET ID
PROPERTY
M-601

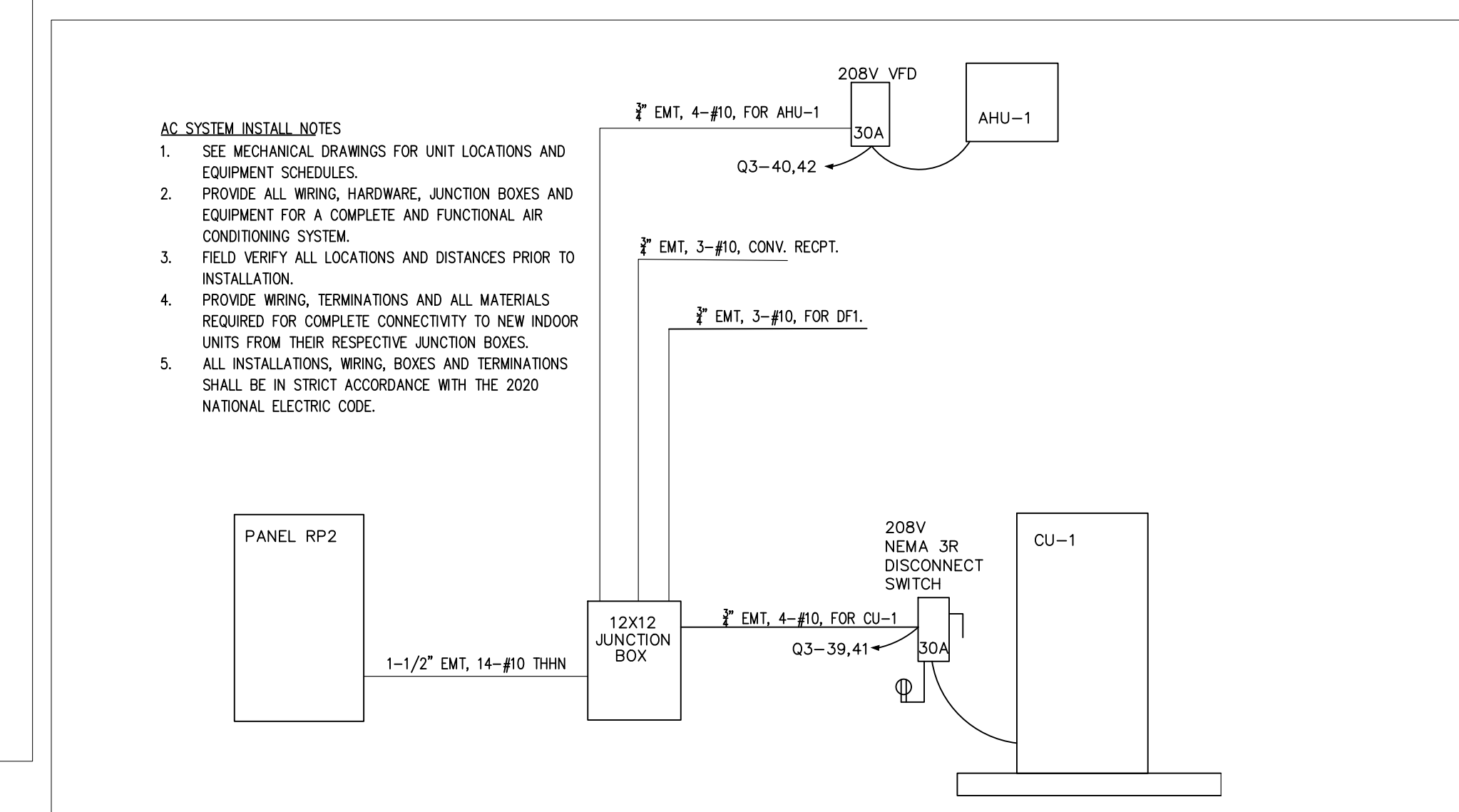
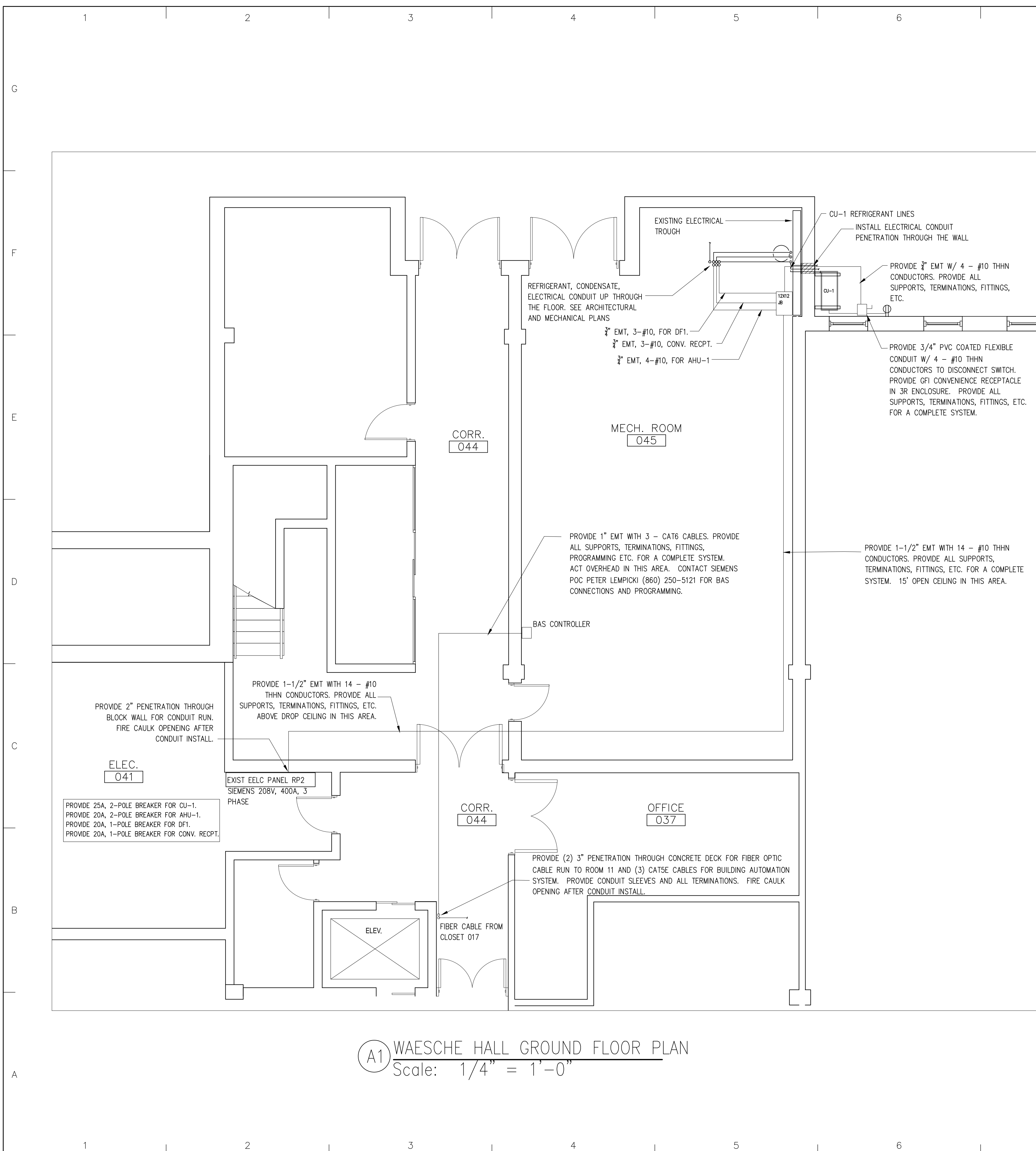
ELECTRICAL LEGEND		
REMOVE	NEW	TYPE
		RECEPTACLE OUTLET – 20A., 125V. DOUBLE DUPLEX GROUNDING TYPE, NEMA 5–20R, MTD. 18" AFF
		RECEPTACLE OUTLET – 20A., 125V., 2P., 3W. DUPLEX GROUNDING TYPE, NEMA 5–20R, MTD. 18" AFF UON
		DATA DROP / COMMUNICATIONS SYSTEM. QUADRAPLEX. MOUNT 18" AFF
		TELEPHONE (VOICE)/DATA COMMUNICATIONS SYSTEM QUADRAPLEX, MOUNT 18" AFF, UON, SEE SPECS
		NEW SWITCH – SINGLE POLE, 20A., 120/277V., MTD 48" AFF, SUBSCRIPT INDICATES SWITCH LEG (YTP)
		3 – WAY SWITCH
		SWITCH – OCCUPANCY SENSOR SWITCH
		THERMOSTAT
		MASS NOTIFICATION SPEAKER STROBE
		JUNCTION BOX
		SMOKE DETECTOR
		6" X 4' SUSPENDED LED LIGHT FIXTURE
		2X4 RECESSED LIGHT FIXTURE
		2X2 RECESSED LIGHT FIXTURE (CREE CR22, 4000K)
		DISCONNECT SWITCH.
		LINEAR SUPPLY MECH GRILLE
		2X2 SUSPENDED ACOUSTIC CEILING TILE AND GRID,
		HOMERUN TO SWITCH
		EDGE LIT EXIT LIGHT

GENERAL NOTES APPLY TO ALL ELECTRICAL DRAWINGS

1. IT WILL BE THE CONTRACTOR'S RESPONSIBILITIES TO FIELD VERIFY EXISTING SITE CONDITIONS TO IMPLEMENT INTENT OF SCOPE OF WORK PER PLANS AND SPECIFICATIONS.
2. EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER TO MANUFACTURER CERTIFIED DRAWINGS FOR EQUIPMENT DIMENSIONS AND MAINTAIN RECOMMENDED CLEARANCES.
3. MINIMUM CONDUIT SIZE IS $\frac{3}{4}$ ". ALL CONDUIT FITTINGS ARE TO BE COMPRESSION TYPE.
4. CONTRACTOR SHALL LEAVE THE ENTIRE ELECTRICAL AND BUILDING AUTOMATED SYSTEM (BAS) CONTROL SYSTEMS UNDER THIS CONTRACT IN PROPER WORKING ORDER AND SHALL REPLACE, WITHOUT ADDITIONAL CHARGE, ALL WORK OR MATERIAL WHICH MAY DEVELOPED DEFECTS, ORDINARY WEAR AND TEAR OR DAMAGE RESULTING FROM IMPROPER HANDLING EXCEPTED, WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF INITIAL TESTING AND ACCEPTANCE BY USCGA. ANY DAMAGE RESULTING TO ADJACENT AREA OR CONTENTS THEREOF SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5. COMMISSION ALL NEW EQUIPMENT AND SYSTEMS. ALL COMMISSIONING REPORTS SHALL BE SUBMITTED TO USCGA FOR APPROVAL. REPORT SHALL INCLUDE ALL COMPLETED TEST FORMS, EQUIPMENT CHECKLISTS, AND MANUFACTURER RECOMMENDED COMMISSIONING AND TESTING FORMS.
6. CONTRACTOR SHALL PROVIDE A FACTORY CERTIFIED TECHNICIAN FOR THE VERIFICATION OF ALL INSTALLED EQUIPMENT. ALL MANUFACTURER'S RECOMMENDED STARTUP AND CHECK-OUT PROCEDURES SHALL BE COMPLETED BY AN AUTHORIZED TECHNICIAN AND DOCUMENTED ON THE MANUFACTURER'S FORMS.
7. CONTRACTOR IS TO PROVIDE A 120V RECEPTACLE/CIRCUIT AT EACH 6RU VERTICAL WALL MOUNT ENCLOSURE (PANDUIT WME6BL) LOCATION FOR POWER TO DATA SWITCHES AND POWER SUPPLIES.
8. ALL SWITCHES & POWER RECEPTACLES TO REMAIN UNLESS SPECIFIED.
9. REMOVE ALL SMOKE DETECTORS, MNS SPEAKER STROBES AND WIRING AS REQUIRED TO PERFORM WORK. STORE DEVICES REMOVED FOR RE-INSTALLATION AT PROJECT COMPLETION. COORDINATE ALL FIRE ALARM WORK WITH THE CGA FIRE MARSHALL (860-444-8559).
10. CONTRACTOR IS RESPONSIBLE FOR ALL START-UPS, PROGRAMMING AND TESTING OF THE FIRE ALARM/MASS NOTIFICATION SYSTEM AT PROJECT COMPLETION. FA SYSTEM SHALL BE FULLY FUNCTIONAL AND OPERATIONAL PRIOR TO CONTRACTOR'S FINAL DEPARTURE FROM THE CGA.
11. SUBMIT PRODUCT DATA, SHOP DRAWINGS, COORDINATION DRAWINGS, SAMPLES, QUALIFICATION DATA, TEST REPORTS, WARRANTY, AND MAINTENANCE DATA FOR EACH TYPE OF PRODUCT USED ON THE PROJECT. ALL SUBMITTALS SHALL BE IN ACCORDANCE WITH THE SPECIFICATION SECTION 010000 (1.6). SUBMIT ADDITIONAL INFORMATION AS REQUESTED ELSEWHERE IN THE SPECIFICATIONS AND ON THE DRAWINGS.

1. Provide all hardware and hangers for ACT ceiling installation. New Mechanical Room 122 has open ceiling, pendant mount required in this area.
2. Color temperature for fixtures shall be 4000K. Color rendition index of 80 minimum. LED's shall be rated for a minimum of 50,000 hours of maintenance free operation.
3. Manufacturer names are for reference only, names are being provided to show projects intent, basis of design and salient characteristics.

SHEET ID
WAESCHE
HALL
E-001



(A8) ELECTRICAL ONE-LINE DIAGRAM FOR AC SYSTEM N
N.T.S.

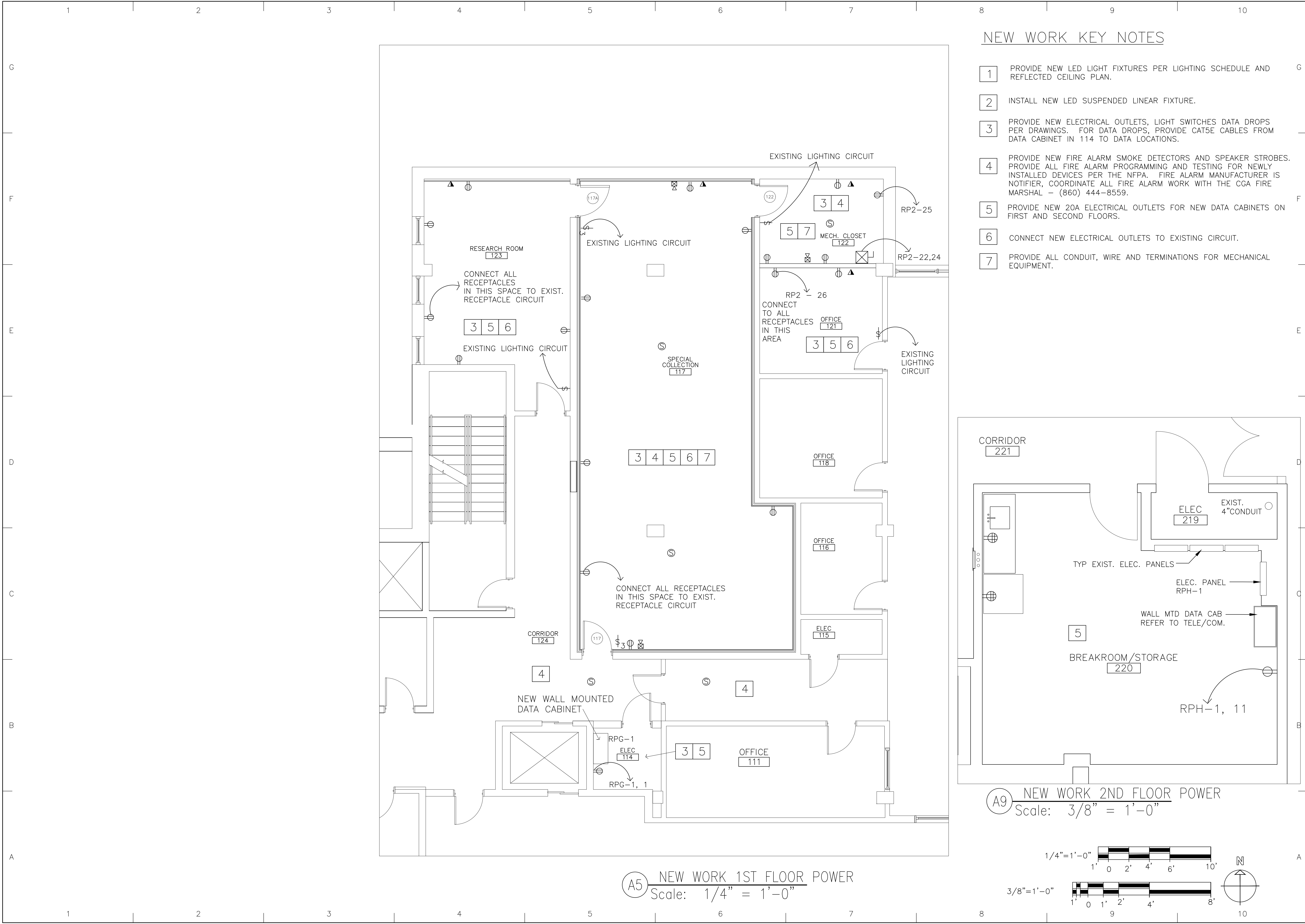


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1	BID DOCUMENTS MARK DESCRIPTION	1/8/24 DATE
PLOTTING SCALE: 1:1		SCALE: AS SHOWN

A/E	/E	COMPANY:	
A/E	/E	DESIGN COMPANY NAME	
A/E	/E	DESIGN COMPANY CITY, STATE	
A/E	/E	DESIGN COMPANY'S PHONE NUMBER	
A/E	/E	PROJECT NUMBER:	
A/E	/E	PROJECT NUMBER	
		CONSULTING A/E:	
		CONSULTANT COMPANY NAME	
		CONSULTANT'S CITY, STATE	

U.S. COAST GUARD ACADEMY 15 MOHEGAN AVENUE NEW LONDON, CT 06320	PROJECT ENGINEER: PISANI, DEREK	DESIGNED BY: DEREK PISANI	DRAWN BY: DEREK PISANI
		EDITED BY: GERRY GOSSELIN	CHECKED BY: GERRY GOSSELIN
		EDITED BY NAME	

CGA PROJECT NUMBER	22020230
USCG DRAWING NUMBER	CGA DRAWING NUMBER CC-1358
USCG FILENAME	CC-1358-22020230-20-26-L26-E-2023-X
SHEET	20 OF 26



NEW WORK KEY NOTES

- 1 PROVIDE NEW LED LIGHT FIXTURES PER LIGHTING SCHEDULE AND REFLECTED CEILING PLAN.
- 2 INSTALL NEW LED SUSPENDED LINEAR FIXTURE.
- 3 PROVIDE NEW ELECTRICAL OUTLETS, LIGHT SWITCHES DATA DROPS PER DRAWINGS. FOR DATA DROPS, PROVIDE CAT5E CABLES FROM DATA CABINET IN 114 TO DATA LOCATIONS.
- 4 PROVIDE NEW FIRE ALARM SMOKE DETECTORS AND SPEAKER STROBES. PROVIDE ALL FIRE ALARM PROGRAMMING AND TESTING FOR NEWLY INSTALLED DEVICES PER THE NFPA. FIRE ALARM MANUFACTURER IS NOTIFIER, COORDINATE ALL FIRE ALARM WORK WITH THE CGA FIRE MARSHAL - (860) 444-8559.
- 5 PROVIDE NEW 20A ELECTRICAL OUTLETS FOR NEW DATA CABINETS ON FIRST AND SECOND FLOORS.
- 6 CONNECT NEW ELECTRICAL OUTLETS TO EXISTING CIRCUIT.
- 7 PROVIDE ALL CONDUIT, WIRE AND TERMINATIONS FOR MECHANICAL EQUIPMENT.

U.S. COAST GUARD
CIVIL ENGINEERING

MARK	DESCRIPTION	DATE
1	BID DOCUMENTS	1/8/24

SCALE: AS SHOWN
PLOTING SCALE: 1:1

A/E COMPANY NAME	U.S. COAST GUARD ACADEMY
A/E DESIGN COMPANY CITY, STATE	15 MOHEGAN AVENUE NEW LONDON, CT 06320
A/E'S PROJECT NUMBER	USCG PROJECT NUMBER 22020230 CGA PROJECT NUMBER 22020230 USCG DRAWING NUMBER CC-1358
CONSULTANT A/E NAME	PROJECT ENGINEER: PISANI, DEREK
CONSULTANT COMPANY NAME	DESIGNED BY: DEREK PISANI
CONSULTANT CITY, STATE	DRAWN BY: DEREK PISANI CHECKED BY: DEREK PISANI EDITED BY: DEREK PISANI

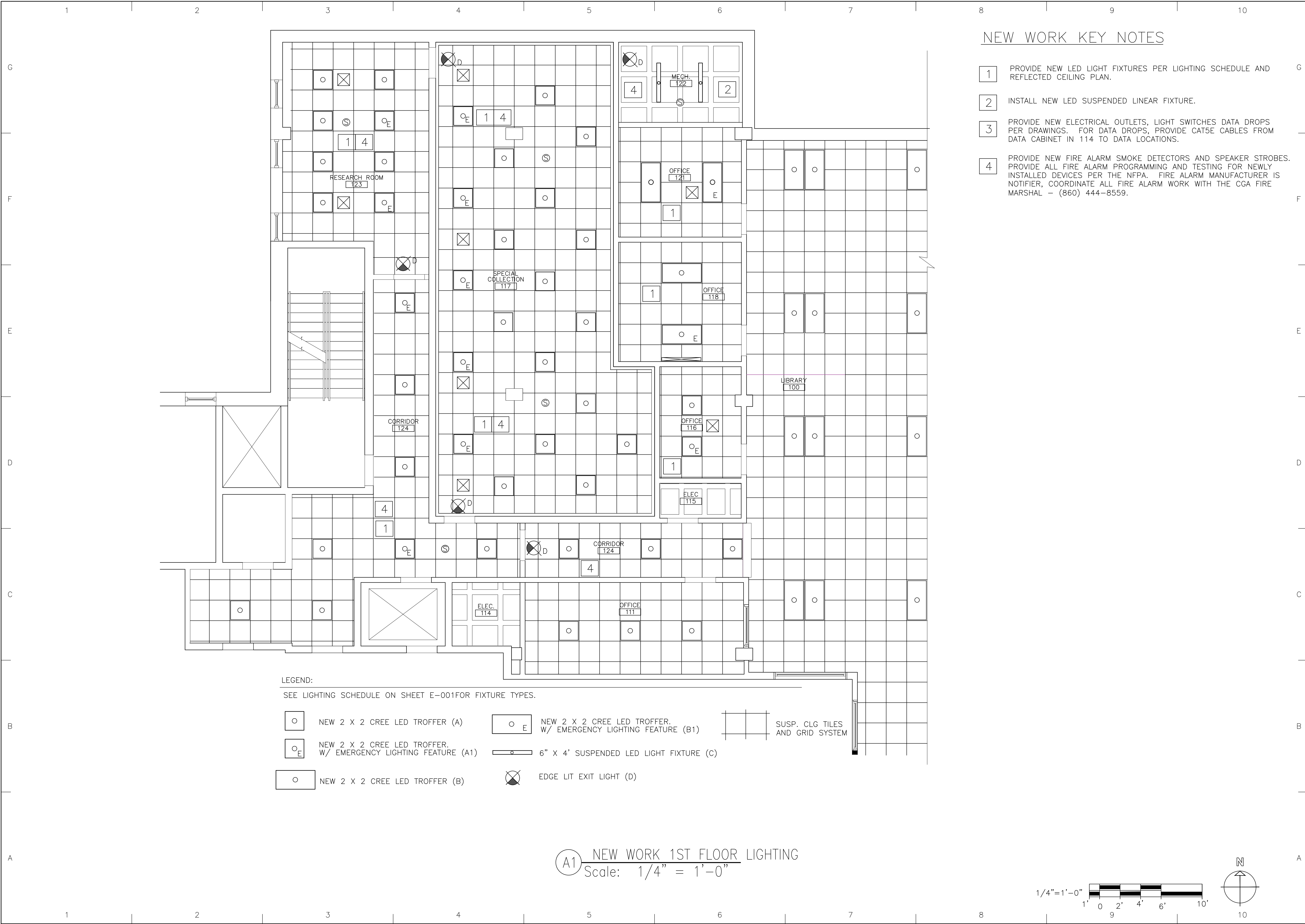
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CGA PROJECT NUMBER 22020230
USCG DRAWING NUMBER CC-1358
USCG FILENAME
CC-1358-22020230-21-26-L26-E-2023-X

SHEET 21 OF 26

RELOCATE LIBRARY SPECIAL COLLECTION
U.S. COAST GUARD ACADEMY
NEW LONDON CT

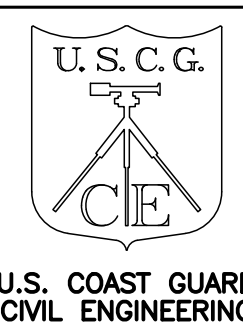
ELECTRICAL
POWER PLAN

SHEET ID
WAESCHE
HALL
E-101



NEW WORK KEY NOTES

- 1 PROVIDE NEW LED LIGHT FIXTURES PER LIGHTING SCHEDULE AND REFLECTED CEILING PLAN.
- 2 INSTALL NEW LED SUSPENDED LINEAR FIXTURE.
- 3 PROVIDE NEW ELECTRICAL OUTLETS, LIGHT SWITCHES DATA DROPS PER DRAWINGS. FOR DATA DROPS, PROVIDE CAT5E CABLES FROM DATA CABINET IN 114 TO DATA LOCATIONS.
- 4 PROVIDE NEW FIRE ALARM SMOKE DETECTORS AND SPEAKER STROBES. PROVIDE ALL FIRE ALARM PROGRAMMING AND TESTING FOR NEWLY INSTALLED DEVICES PER THE NFPA. FIRE ALARM MANUFACTURER IS NOTIFIER, COORDINATE ALL FIRE ALARM WORK WITH THE CGA FIRE MARSHAL - (860) 444-8559.



U.S. COAST GUARD
CIVIL ENGINEERING

MARK	DESCRIPTION	1/8/24	DATE
1	BID DOCUMENTS		

SCALE: AS SHOWN
PLOTING SCALE: 1:1

A/E COMPANY:	U.S. COAST GUARD ACADEMY
A/E DESIGN COMPANY NAME:	15 MOHEGAN AVENUE
A/E DESIGN COMPANY CITY, STATE:	NEW LONDON, CT 06320
A/E'S PROJECT NUMBER:	PISANI, DEREK
CONSULTANT A/E:	DEREK PISANI
CONSULTANT COMPANY NAME:	DEREK PISANI
CONSULTANT CITY, STATE:	NEW LONDON, CT

U.S. COAST GUARD ACADEMY	U.S. COAST GUARD ACADEMY
15 MOHEGAN AVENUE	15 MOHEGAN AVENUE
NEW LONDON, CT 06320	NEW LONDON, CT 06320
PROJECT ENGINEER:	PROJECT ENGINEER:
PISANI, DEREK	PISANI, DEREK
DRAWN BY:	DRAWN BY:
DEREK PISANI	DEREK PISANI
CHECKED BY:	CHECKED BY:
GERRY JOSSELYN	GERRY JOSSELYN

USCG PROJECT NUMBER	USCG PROJECT NUMBER
CGA PROJECT NUMBER 22020230	CGA PROJECT NUMBER 22020230
USCG DRAWING NUMBER	USCG DRAWING NUMBER
CGA DRAWING NUMBER CC-1358	CGA DRAWING NUMBER CC-1358
USCG FILENAME	USCG FILENAME
CC-1358-22020230-22-26-L26-E-2023-X	CC-1358-22020230-22-26-L26-E-2023-X

SHEET 22	OF 26
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RELOCATE LIBRARY SPECIAL COLLECTION

U.S. COAST GUARD ACADEMY

NEW LONDON

CT

ELECTRICAL

LIGHTING PLAN

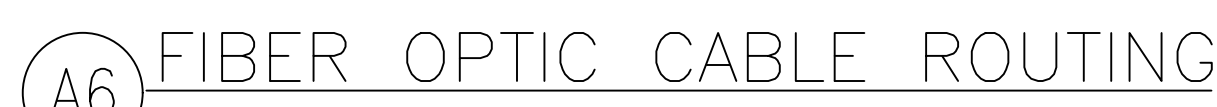
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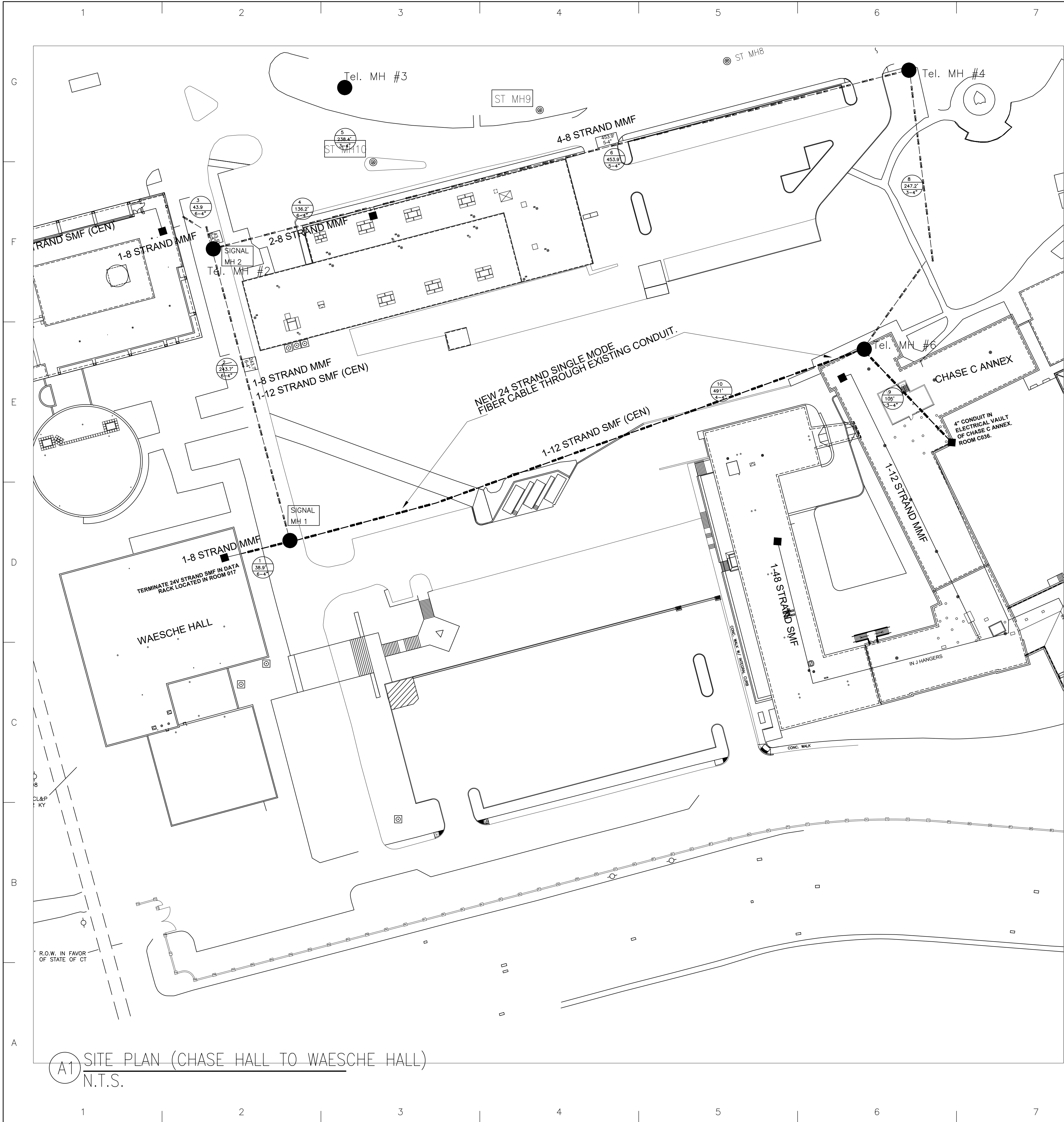
WAESCHE

HALL

E-102

1. CREATE MATRIX FOR DATA CABLES ENTERING THE CABINET IN ROOM 117. LABEL ALL CABLES TO CORRESPOND WITH MATRIX. PULL THE THREE CAT 5E CABLES FROM THE BASEMENT BACK DOWN TO BASEMENT. INSTALL 3 NEW CAT 5E CABLES FROM BAS CONTROLLER IN MECHANICAL ROOM TO NEW CANBINET IN ROOM 114 (SEE DRAWING E-100).
2. REMOVE DATA SWITCHES AND ASSOCIATED PATCH PANELS FROM DATA CABINET IN ROOM 117. STORE IN SAFE ENVIRONMENT FOR RE-INSTALLATION.
3. PULL APPROXIMATELY (100) CAT 5E DATA CABLES BACK TO ROOM 115. SEPARATE CABLES FOR FIRST FLOOR DATA DROPS FROM THE SECOND FLOOR CABLES. RE-ROUTE FIRST FLOOR DATA CABLES TO ROOM 114. RE-ROUTE SECOND FLOOR TO ROOM 220 VIA ROOM 219.
4. PROVIDE NEW WALL MOUNTED DATA RACKS IN ROOMS 114 (PANDUIT WME6BL) AND 220 (PANDUIT WME9BL). BE SURE TO LEAVE ROOM FOR THE RACKS TO SWING OPEN FOR ACCESS TO CABLES, SWITCHES AND PATCH PANELS. PROVIDE PANDUIT WIRE MANAGEMENT SYSTEM (MINIMUM 4" WIDE) FOR SURFACE MOUNTED CABLE.
5. INSTALL 24 PORT CISCO SWITCH AND PATCH PANELS, SALVAGED FROM ORIGINAL CABINET REMOVAL, IN THE NEW RACK IN ROOM 114. TERMINATE ALL FIRST FLOOR CABLES AND RE-ROUTED CABLES FROM BASEMENT (3 CAT5e FOR BAS).
6. INSTALL 48 PORT CISCO SWITCH AND PATCH PANELS, SALVAGED FROM ORIGINAL CABINET REMOVAL, IN THE NEW RACK IN ROOM 220. TERMINATE ALL SECOND FLOOR CABLES RE-ROUTED FROM TELECLOSET ROOM 219.
7. PROVIDE 24 STRAND SINGLE MODE OS2 FIBER CABLE FROM CHASE HALL ANNEX C ELECTRICAL VAULT TO EXISTING TELECOM RACK IN WAESCHE HALL, ROOM 017 (SEE DRAWING T-100). PROVIDE ALL TERMINATIONS FOR NEW FIBER CABLE.
8. PROVIDE 12 STRAND SINGLE MODE FIBER OPTIC CABLE FROM EXISTING TELEDATA RACK IN ROOM 017 TO NEW TELEDATA RACK IN ROOM ROOM 114. PROVIDE PANDUIT FIBER TRAY, FIBER PATCH PANEL, FIBER ADAPTER PANEL, FIBER TERMINATIONS AND ALL EQUIPMENT REQUIRED FOR A COMPLETE FIBER CONNECTIVE SYSTEM.
9. PROVIDE 12 STRAND SINGLE MODE FIBER OPTIC CABLE FROM EXISTING TELEDATA RACK IN ROOM 017 TO NEW TELEDATA RACK IN ROOM ROOM 220 VIA CLOSET 115 AND 219. PROVIDE PANDUIT FIBER TRAY, FIBER PATCH PANEL, FIBER ADAPTER PANEL, FIBER TERMINATIONS, SUPPORTS AND ALL MATERIALS REQUIRED FOR A COMPLETE FIBER CONNECTIVE SYSTEM.
10. COMMISSION ALL NEW DATA EQUIPMENT AND SYSTEMS. ALL COMMISSIONING REPORTS SHALL BE SUBMITTED TO USCGA FOR APPROVAL. REPORT SHALL INCLUDE ALL COMPLETED TEST FORMS, EQUIPMENT CHECKLISTS, AND MANUFACTURER RECOMMENDED COMMISSIONING AND TESTING FORMS.
11. CONTRACTOR SHALL PROVIDE A FACTORY CERTIFIED TECHNICIAN FOR THE VERIFICATION OF ALL INSTALLED DATA EQUIPMENT. ALL MANUFACTURER'S RECOMMENDED STARTUP AND CHECK-OUT PROCEDURES SHALL BE COMPLETED BY AN AUTHORIZED TECHNICIAN AND DOCUMENTED ON THE MANUFACTURER'S FORMS.
12. CONTRACTOR IS RESPONSIBLE FOR ALL START-UPS, PROGRAMMING AND TESTING OF THE BUILDING AUTOMATION SYSTEM (BAS) AT PROJECT COMPLETION. BAS SHALL BE FULLY FUNCTIONAL AND OPERATIONAL PRIOR TO CONTRACTOR'S FINAL DEPARTURE FROM THE CGA.
13. SUBMIT PRODUCT DATA, SHOP DRAWINGS, COORDINATION DRAWINGS, SAMPLES, QUALIFICATION DATA, TEST REPORTS, WARRANTY, AND MAINTENANCE DATA FOR EACH TYPE OF PRODUCT USED ON THE PROJECT. ALL SUBMITTALS SHALL BE IN ACCORDANCE WITH THE SPECIFICATION SECTION 010000 (1.6). SUBMIT ADDITIONAL INFORMATION AS REQUESTED ELSEWHERE IN THE SPECIFICATIONS AND ON THE DRAWINGS.





(A1) SITE PLAN (CHASE HALL TO WAESCHE HALL)
N.T.S.

TELECOM NOTES

1. FIELD VERIFY ALL SITE CONDITIONS. REPORT ANY DISCREPANCIES OR DEFICIENCIES THAT WOULD PREVENT THE NEW FIBER OPTIC CABLE FROM BEING INSTALLED. REPORT CONDITIONS TO THE COR.
2. FIBER OPTIC CABLE SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. IT WILL BE THE CONTRACTOR'S RESPONSIBILITIES TO FIELD VERIFY EXISTING SITE CONDITIONS, DISTANCES AND ROUTING OF FIBER CABLE TO COMPLETE SCOPE OF WORK PER PLANS AND SPECIFICATIONS.
4. REMOVE THE 8 STRAND MMF CABLE IN THE CONDUIT FROM ROOM 017 IN WAESCHE HALL TO ROOM C036 IN CHASE C ANNEX.
5. PROVIDE 24 STRAND SINGLE MODE OS2 OSP ARMORED FIBER OPTIC CABLE IN CONDUIT FROM ROOM C036 IN CHASE C ANNEX TO ROOM 017 IN WAESCHE HALL.
6. PROVIDE ALL EQUIPMENT FOR TERMINATING FIBER CABLES INCLUDING BUT NOT LIMITED TO: LC SMF OS2 FIBER CONNECTORS, 4 PORT-1RU-FIBER TRAY, LC FIBER ADAPTER PANELS, FIBER PATCH PANELS, ETC.
7. PROVIDE ALL EQUIPMENT, PARTS, TERMINATIONS, ETC. FOR A COMPLETE AND FUNCTIONAL INSTALLATION. ALL INSTALLATION AND TERMINATIONS TO COMPLY WITH THE MOST RECENT COMMUNICATIONS STANDARDS.
8. SUBMIT PRODUCT DATA, SHOP DRAWINGS, COORDINATION DRAWINGS, SAMPLES, QUALIFICATION DATA, TEST REPORTS, WARRANTY, AND MAINTENANCE DATA FOR EACH TYPE OF PRODUCT USED ON THE PROJECT. ALL SUBMITTALS SHALL BE IN ACCORDANCE WITH THE SPECIFICATION SECTION 010000 (1.6).

1	BID DOCUMENTS	1/8/24	DATE
MARK DESCRIPTION			SCALE: AS SHOWN

A/E COMPANY:	COMPANY NAME
A/E DESIGN:	DESIGN COMPANY CITY, STATE
A/E PROJECT NUMBER:	A/E'S PROJECT NUMBER
CONSULTANT A/E:	CONSULTANT COMPANY NAME
CONSULTANT CITY, STATE	CONSULTANT'S CITY, STATE

U.S. COAST GUARD ACADEMY	15 MOHEGAN AVENUE	NEW LONDON, CT 06320
PROJECT ENGINEER:	PISANI, DEREK	DRAWN BY: DEREK PISANI
DESIGNED BY: DEREK PISANI	EDITED BY: GERRY GOSSELIN	

USCG PROJECT NUMBER	CGA PROJECT NUMBER	USCG DRAWING NUMBER	CGA DRAWING NUMBER	USCG FILENAME
22020230	22020230	CC-1358	CC-1358	CC-1358-22020230-24-26-L26-T-2023-X

SHEET 24	OF 26
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RELOCATE LIBRARY SPECIAL COLLECTION

U.S. COAST GUARD ACADEMY

NEW LONDON

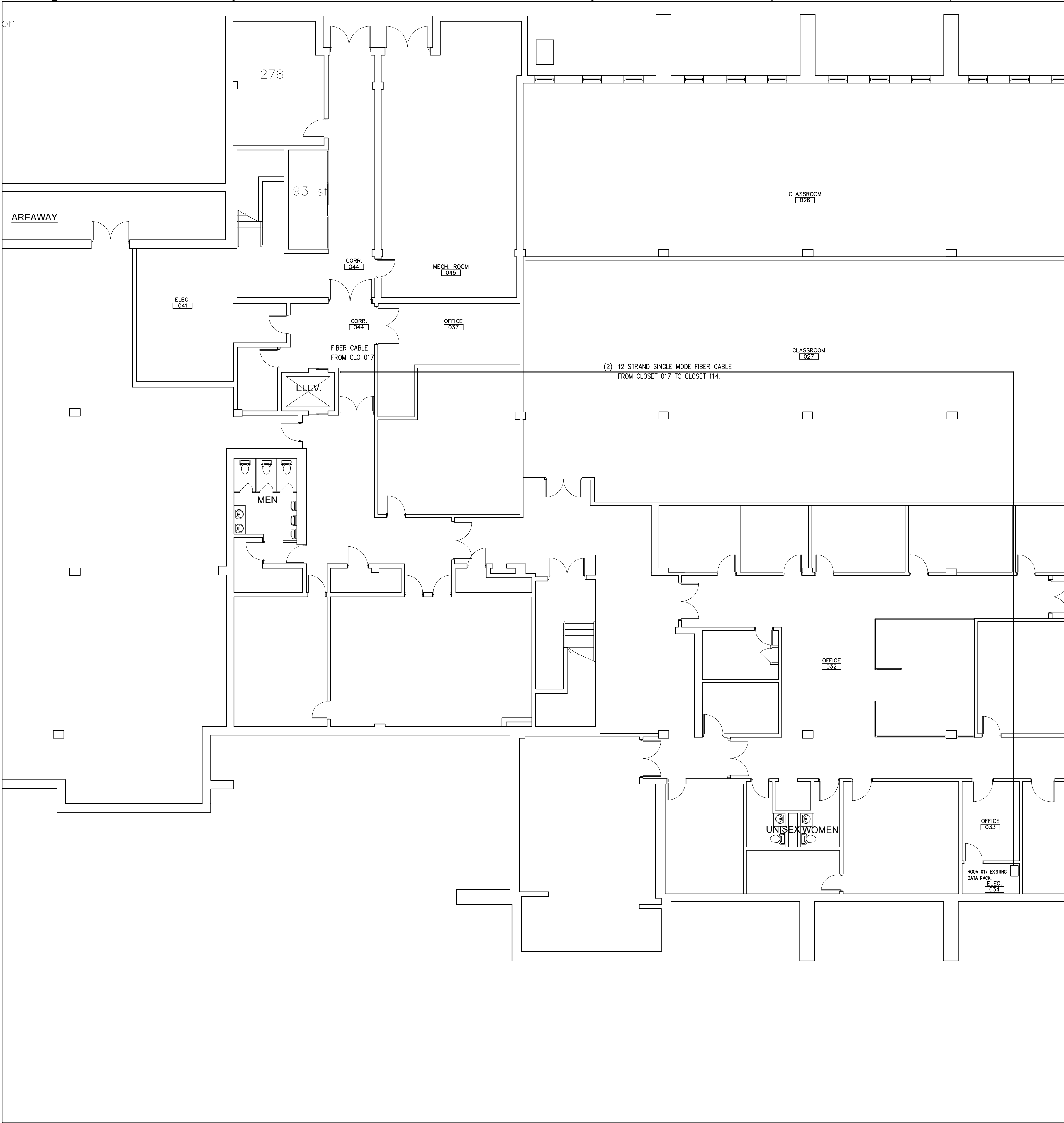
TELECOMMUNICATIONS

COMMUNICATIONS SITE PLAN

SHEET ID

WAESCHE HALL

T-100



U.S. COAST GUARD
CIVIL ENGINEERING

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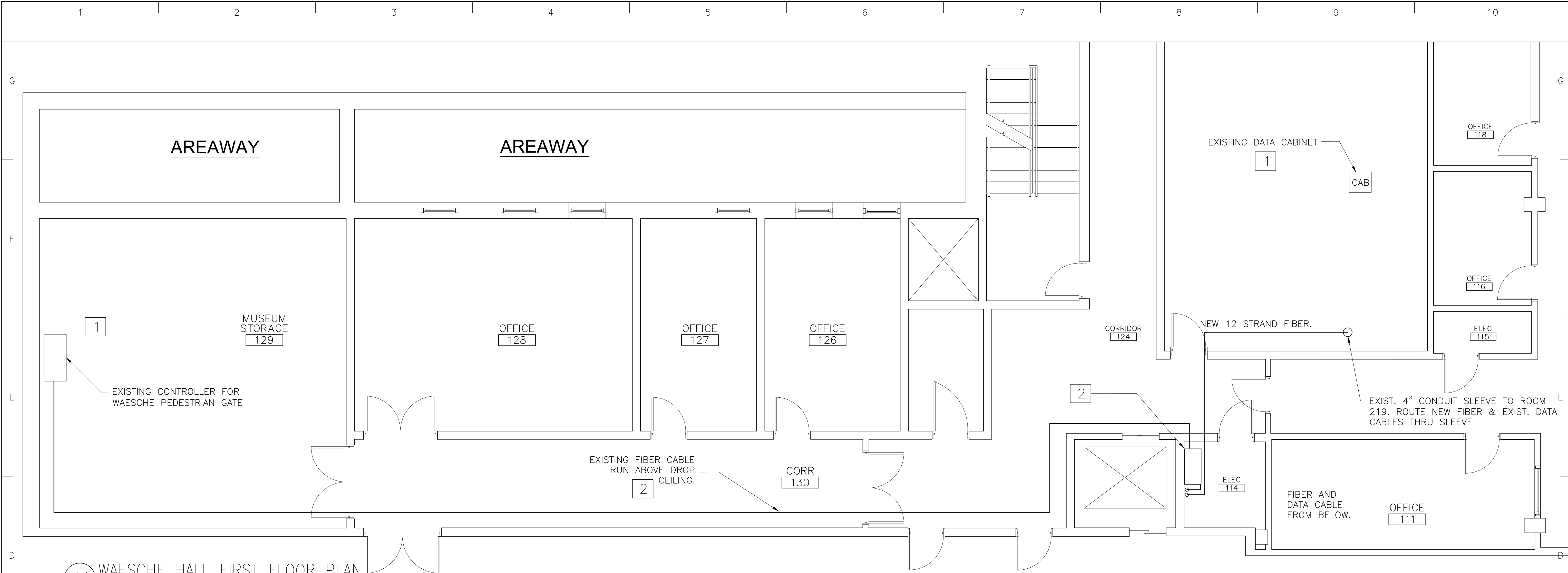
A/E	COMPANY:	COMPANY NAME	COMPANY CITY, STATE	COMPANY'S PHONE NUMBER
A/E	DESIGN	COMPANY NAME	COMPANY CITY, STATE	COMPANY'S PHONE NUMBER
A/E	DESIGN	COMPANY NAME	COMPANY CITY, STATE	COMPANY'S PHONE NUMBER
A/E	DESIGN	COMPANY NAME	COMPANY CITY, STATE	COMPANY'S PHONE NUMBER
A/E	PROJECT NUMBER:			
A/E	PROJECT NUMBER			
CONSULTING A/E:				
	CONSULTANT COMPANY NAME			
	CONSULTANT'S CITY, STATE			

U.S. COAST GUARD ACADEMY 15 MOHEGAN AVENUE NEW LONDON, CT 06320	PROJECT ENGINEER: PISANI, DEREK	DESIGNED BY: DEREK PISANI	DRAWN BY: DEREK PISANI
		EDITED BY: GERRY GOSSELIN	CHECKED BY: GERRY GOSSELIN

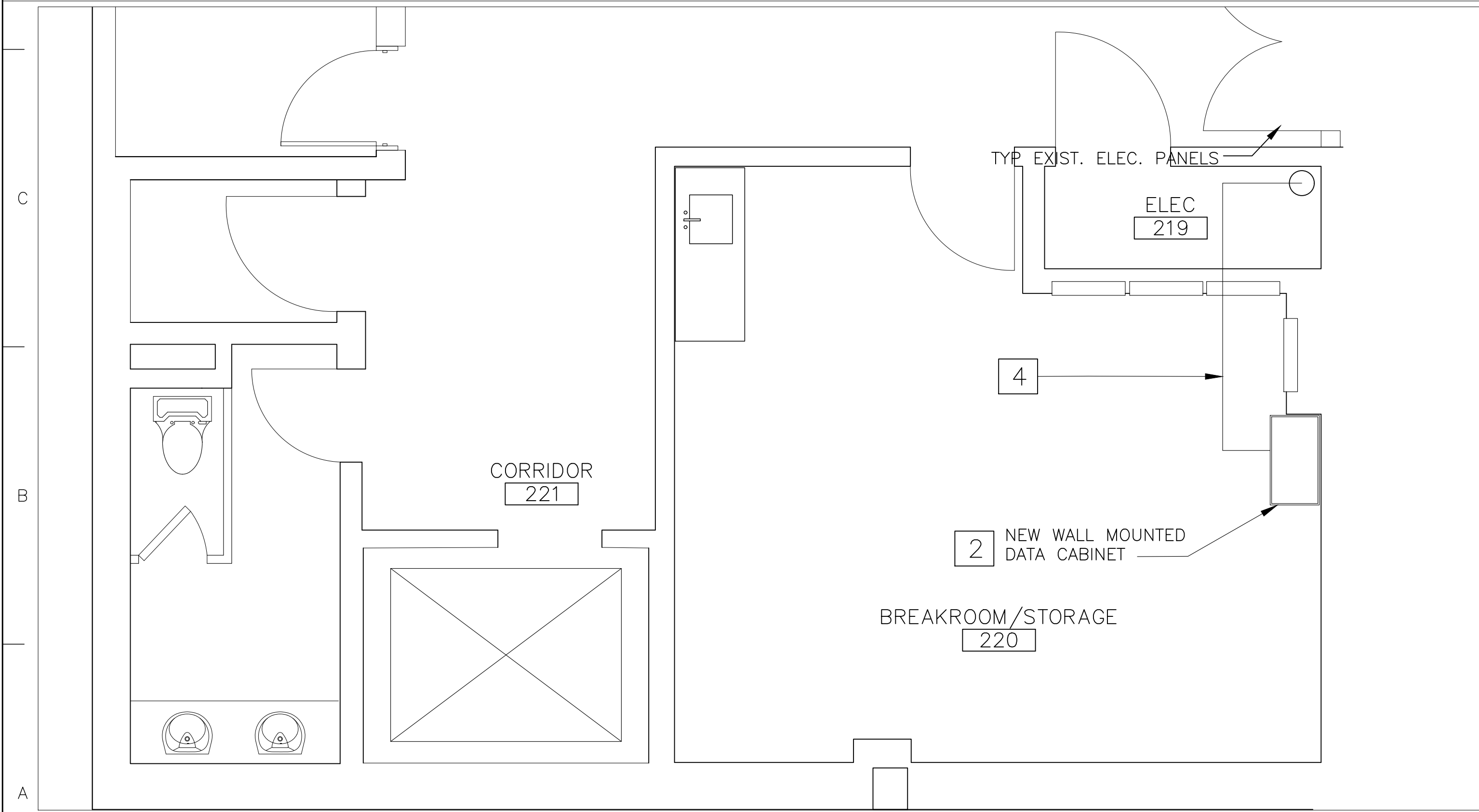
USCG PROJECT NUMBER	CGA PROJECT NUMBER 22020230
USCG DRAWING NUMBER	CGA DRAWING NUMBER CC-1358
USCG FILENAME	CC-1358-22020230-25-26-L26-T-2023-X
SHEET 25 OF 26	

RELOCATE LIBRARY SPECIAL COLLECTION U.S. COAST GUARD ACADEMY NEW LONDON CT	TELECOMMUNICATIONS GROUND FLOOR DATA
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SHEET ID
WAESCHE
HALL
T-101



A1 WAESCHE HALL FIRST FLOOR PLAN
Scale: N.T.S.



A1 WAESCHE HALL 2ND FLOOR PLAN
Scale: 3/8" = 1'-0"

NEW WORK KEY NOTES

- 1. REMOVE ALL DATA CABLES FROM CABINET AND PULL BACK TO ROOM 115.

PULL BACK AND REMOVE THE THREE CAT5 BAS CABLES THAT TERMINATE IN THE BASEMENT MECHANICAL ROOM BELOW.

PULL BACK THE FIBER CABLE FOR THE GATE CONTROLLER TO RE-ROUTE TO NEW DATA CABINET IN ROOM 114.

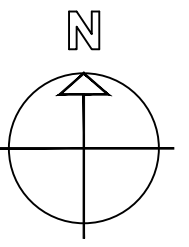
REMOVE ALL PATCH PANELS, DATA SWITCHES FIBER CASSETTES ETC., INSTALL THESE DEVICES IN NEW DATA CABINET IN ROOM 114.

CONTRACTOR IS RESPONSIBLE FOR ALL TERMINATIONS AND TESTING.
- 2. PROVIDE NEW WALL MOUNTED DATA CABINET, PROVIDE ALL FIBER PANELS, TRAYS, PORTS AND FIBER TERMINATIONS TEC., AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
- 3. PULL BACK CABLE FROM EXISTING DATA CABINET IN ROOM 117 RE-ROUTE TO NEW DATA CABINET IN ELEC. ROOM 114.
- 4. ROUTE FIBER AND DATA CABLES FROM ROOM 219 TO NEW DATA CABINET IN ROOM 220. ROUTE CABLES ABOVE DROP CEILING IN 220, FOR ANY SURFACE MOUNT CABLES PROVIDE PANDUIT 4"x4" RACEWAY. RE-INSTALL 48 PORT DATA SWITCH AND PATCH PANEL SALVAGED FROM DATA CABINET IN ROOM 117.

TELECOM NOTES

- 1. FIELD VERIFY ALL SITE CONDITIONS. REPORT ANY DISCREPANCIES OR DEFICIENCIES THAT WOULD PREVENT THE NEW FIBER OPTIC CABLE FROM BEING INSTALLED. REPORT CONDITIONS TO THE COR.
- 2. FIBER OPTIC CABLE SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 3. IT WILL BE THE CONTRACTOR'S RESPONSIBILITIES TO FIELD VERIFY EXISTING SITE CONDITIONS, DISTANCES AND ROUTING OF FIBER CABLE AND DATA CABLES TO COMPLETE SCOPE OF WORK PER PLANS AND SPECIFICATIONS.
- 4. PULL BACK EXISTING FIBER CABLE FROM EXITING DATA CABINET TO CORRIDOR 124. RE-ROUTE FIBER CABLE TO NEW DATA CABINET IN ROOM 114.
- 5. ROUTE (1) 12 STRAND FIBER CABLE FROM THE BASEMENT, VIA ROOM 114, THROUGH THE EXISTING CONDUIT SLEEVE IN ROOM 117 TO CLOSET 219.
- 6. RE-ROUTE ALL DATA CABLES FROM THE EXISTING CABINET TO THE NEW DATA CABINET IN ROOM 114.
- 7. PROVIDE ALL EQUIPMENT FOR TERMINATING FIBER CABLES INCLUDING BUT NOT LIMITED TO: LC SMF OS2 FIBER CONNECTORS, 4 PORT-1RU-FIBER TRAY, LC FIBER ADAPTER PANELS, FIBER PATCH PANELS, DATA SWITCHES, PATCH PANELS, ETC.
- 8. SUBMIT PRODUCT DATA, SHOP DRAWINGS, COORDINATION DRAWINGS, SAMPLES, QUALIFICATION DATA, TEST REPORTS, WARRANTY, AND MAINTENANCE DATA FOR EACH TYPE OF PRODUCT USED ON THE PROJECT. ALL SUBMITTALS SHALL BE IN ACCORDANCE WITH THE SPECIFICATION SECTION 010000 (1.6).

3/8"=1'-0"



MARK	BID DESCRIPTION	1 / 8 / 24	DATE
1			

A/E COMPANY: COMPANY NAME A/E DESIGN COMPANY CITY, STATE A/E PROJECT NUMBER: A/E'S PROJECT NUMBER: CONSULTANT A/E: CONSULTANT COMPANY NAME CONSULTANT'S CITY, STATE	U.S. COAST GUARD ACADEMY 15 MOHEGAN AVENUE NEW LONDON, CT 06320 PROJECT ENGINEER: PISANI, DEREK DESIGNED BY: DEREK PISANI CHECKED BY: DEREK PISANI EDITED BY NAME	DRAWN BY: DEREK PISANI CHECKED BY: DEREK PISANI EDITED BY NAME
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USCG PROJECT NUMBER CGA PROJECT NUMBER 22020230 USCG DRAWING NUMBER CGA DRAWING NUMBER CC-1358 USCG FILENAME CC-1358-22020230-26-26-L26-T-2023-X	USCG PROJECT NUMBER CGA PROJECT NUMBER 22020230 USCG DRAWING NUMBER CGA DRAWING NUMBER CC-1358 USCG FILENAME CC-1358-22020230-26-26-L26-T-2023-X	SHEET 26 OF 26
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RELOCATE LIBRARY SPECIAL COLLECTION U.S. COAST GUARD ACADEMY NEW LONDON TELECOMMUNICATIONS DATA FLOOR PLANS

SHEET ID WAESCHE HALL T-102
