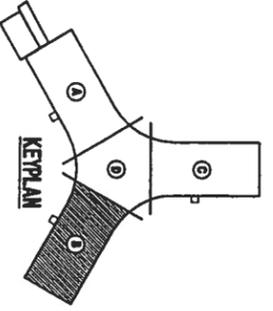
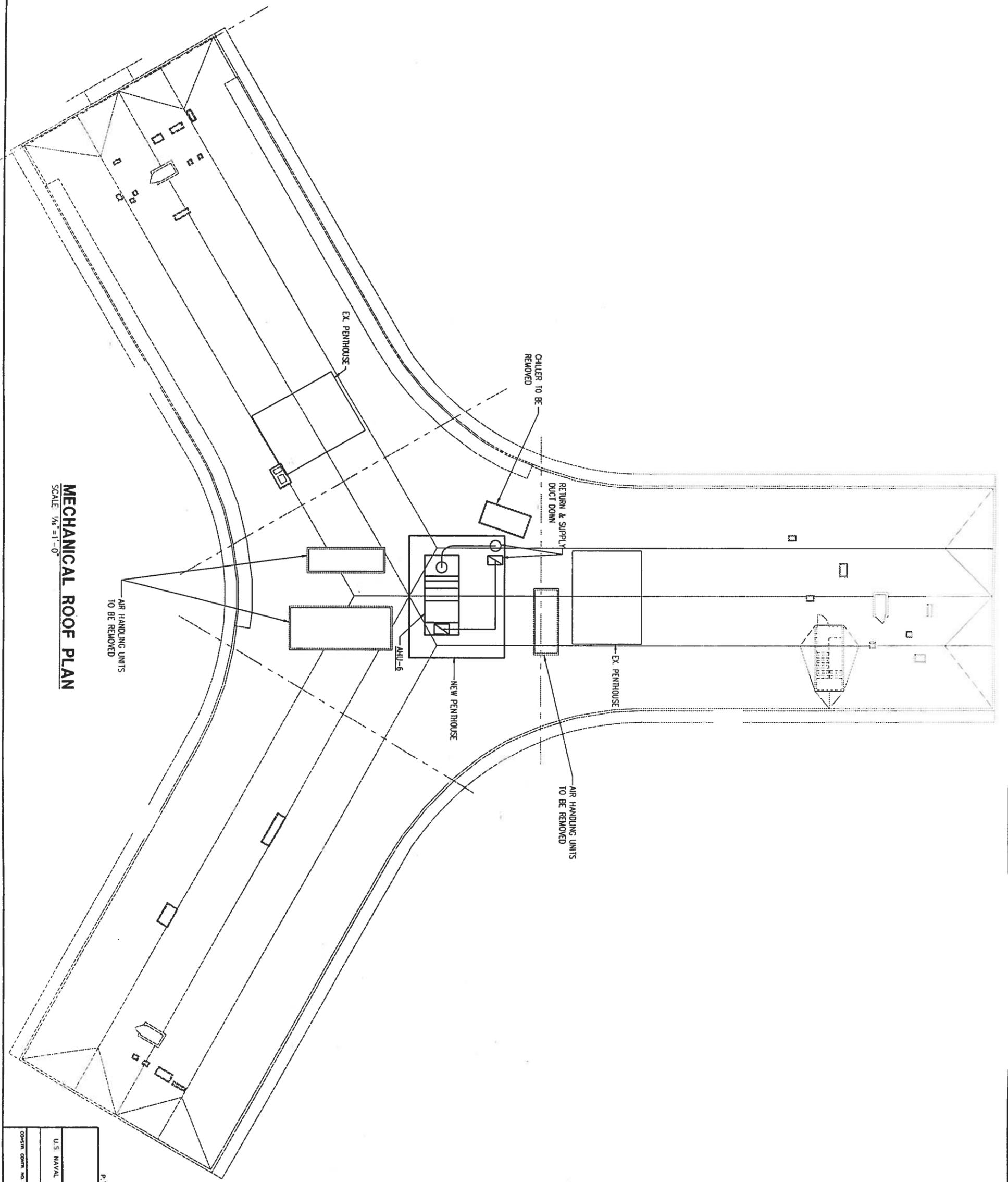


MECHANICAL DUCTWORK/SPRINKLER PLAN
1st FLOOR BLOCK "B"
 SCALE: 1/8"=1'-0"

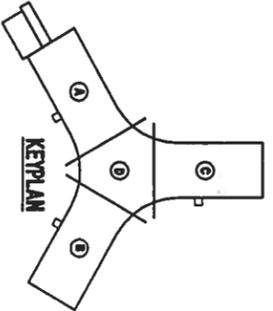


P. 135-1211E-W-6-dwg. (4895). 03/07/96. dl 17.29.22 by JONKER, J.
 SHERLOCK, SMITH & ADAMS, INC.
 ARCHITECTS - ENGINEERS
 MONTELEONE, ALABAMA
 U.S. NAVAL STATION
 ROOSEVELT ROADS, P. R.
 REPAIRS TO NAVAL HOSPITAL
 MECHANICAL DUCTWORK/SPRINKLER PLAN - 1st FLOOR BLOCK "B"
 SHEET NO. 9 OF 22

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL U.S. NAVAL STATION ROOSEVELT ROADS, P.R. REPAIRS TO NAVAL HOSPITAL MECHANICAL DUCTWORK/SPRINKLER PLAN - 1st FLOOR BLOCK "B"	REVISION DESCRIPTION _____ _____ _____	DATE _____ _____ _____	ENG. DR. OR. _____ DATE _____ SATISFACTORY TO _____ DATE _____
	DRAWING NO. M-6		



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



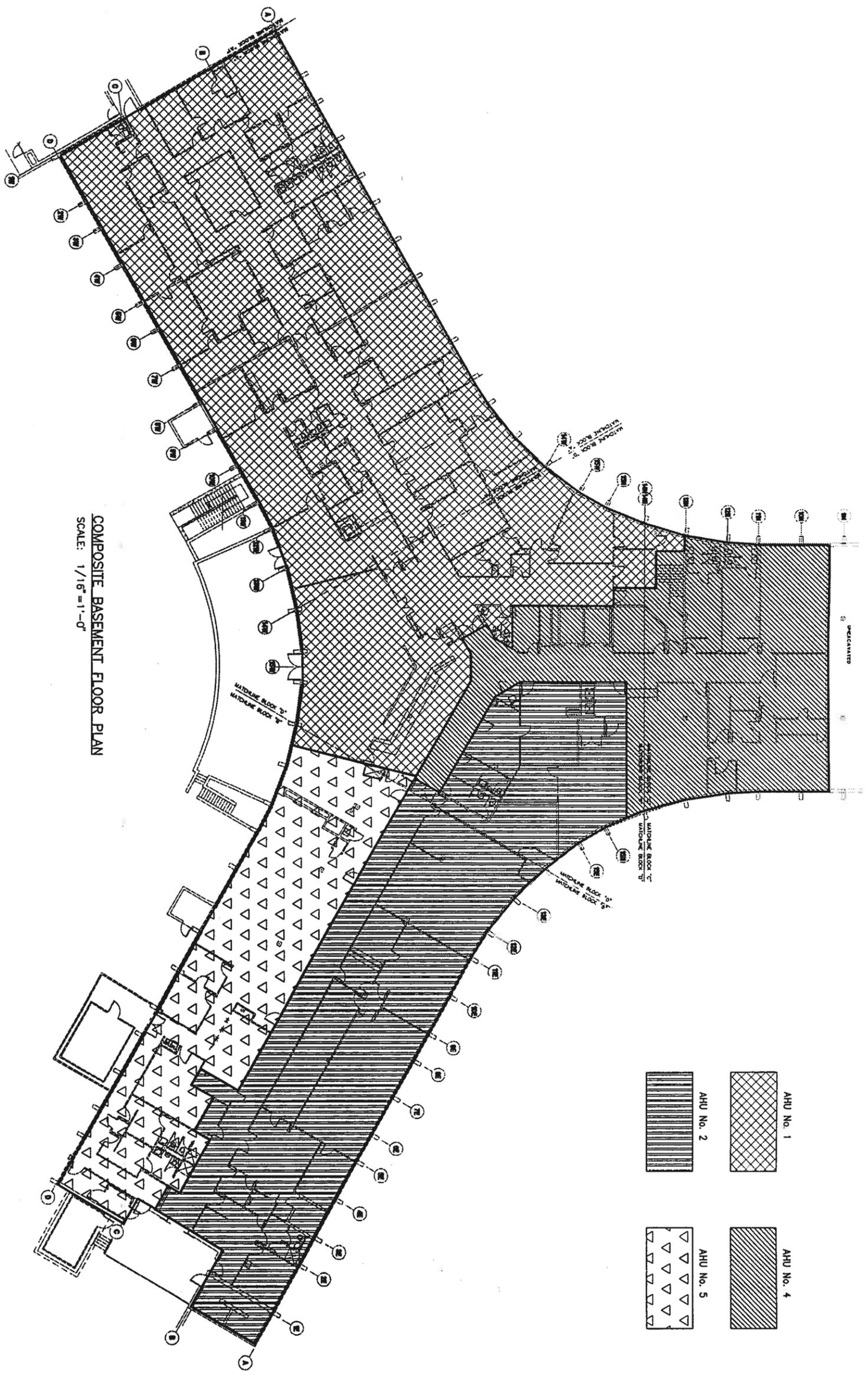
P.195-123\W\N-7.dwg. (961192). 03/08/96 at 08:20:14 by JONER, J
 SHERLOCK, SMITH & ADAMS, INC.
 ARCHITECTS - ENGINEERS
 MONTGOMERY, ALABAMA
 U.S. NAVAL STATION
 REPAIRS TO NAVAL HOSPITAL
 MECHANICAL ROOF PLAN
 ROOSEVELT ROADS, P.R.
 SHEET 2 OF 22

DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND	DATE
NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL		ENC. BY, DR.:
U.S. NAVAL STATION ROOSEVELT ROADS, P.R.		DATE:
REPAIRS TO NAVAL HOSPITAL		SATISFACTORY TO:
MECHANICAL ROOF PLAN		DATE:

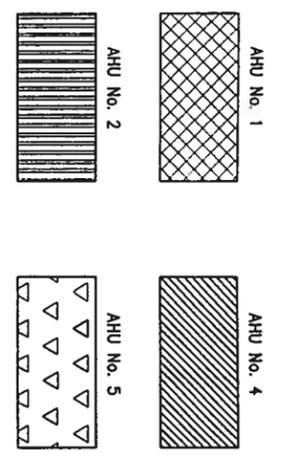
REVISION DESCRIPTION	DATE

ENC. BY, DR.:	
DATE:	
SATISFACTORY TO:	
DATE:	

M-7



COMPOSITE BASEMENT FLOOR PLAN
SCALE: 1/16" = 1'-0"

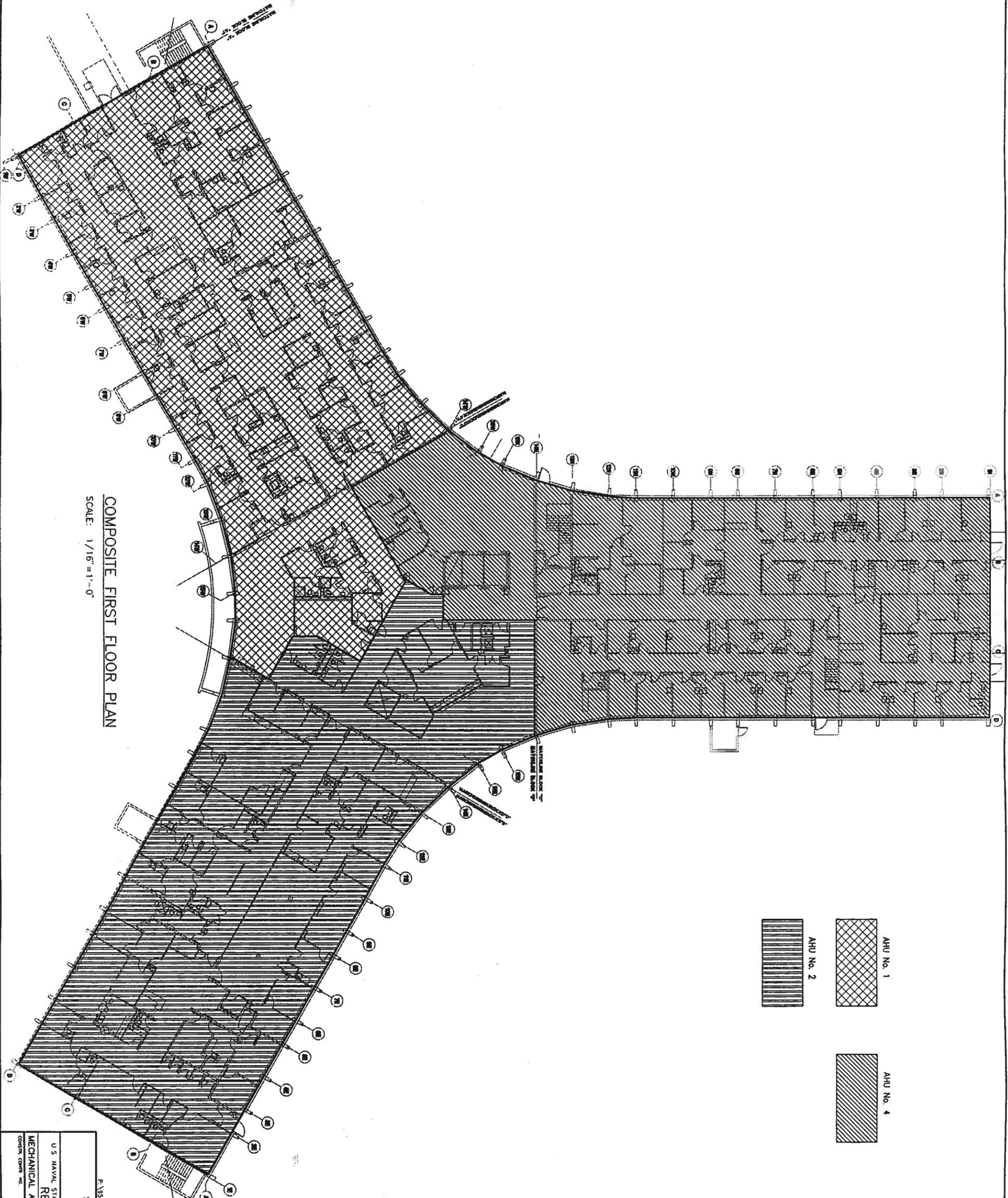


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SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS - ENGINEERS
MONTGOMERY, ALABAMA

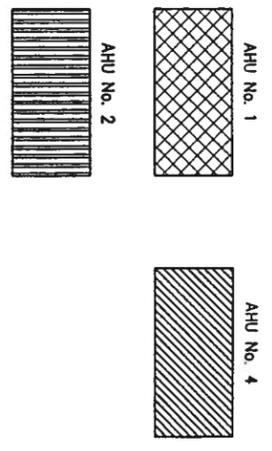
U.S. NAVAL STATION
ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
MECHANICAL AIR HANDLING UNIT SERVICE AREAS - BASEMENT

PLATE NO.
SHEET 9 OF 99

DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL U.S. NAVAL STATION ROOSEVELT ROADS, P.R. REPAIRS TO NAVAL HOSPITAL MECHANICAL AIR HANDLING UNIT SERVICE AREAS - BASEMENT	NAVAL FACILITIES ENGINEERING COMMAND REVISION DESCRIPTION DATE	ENG. OR DIR. _____ DATE: _____ SATISFACTORY TO: _____ DATE: _____ DESIGN BY: McDONALD DRAWN BY: JOINER
	M-8	SCALE AREA



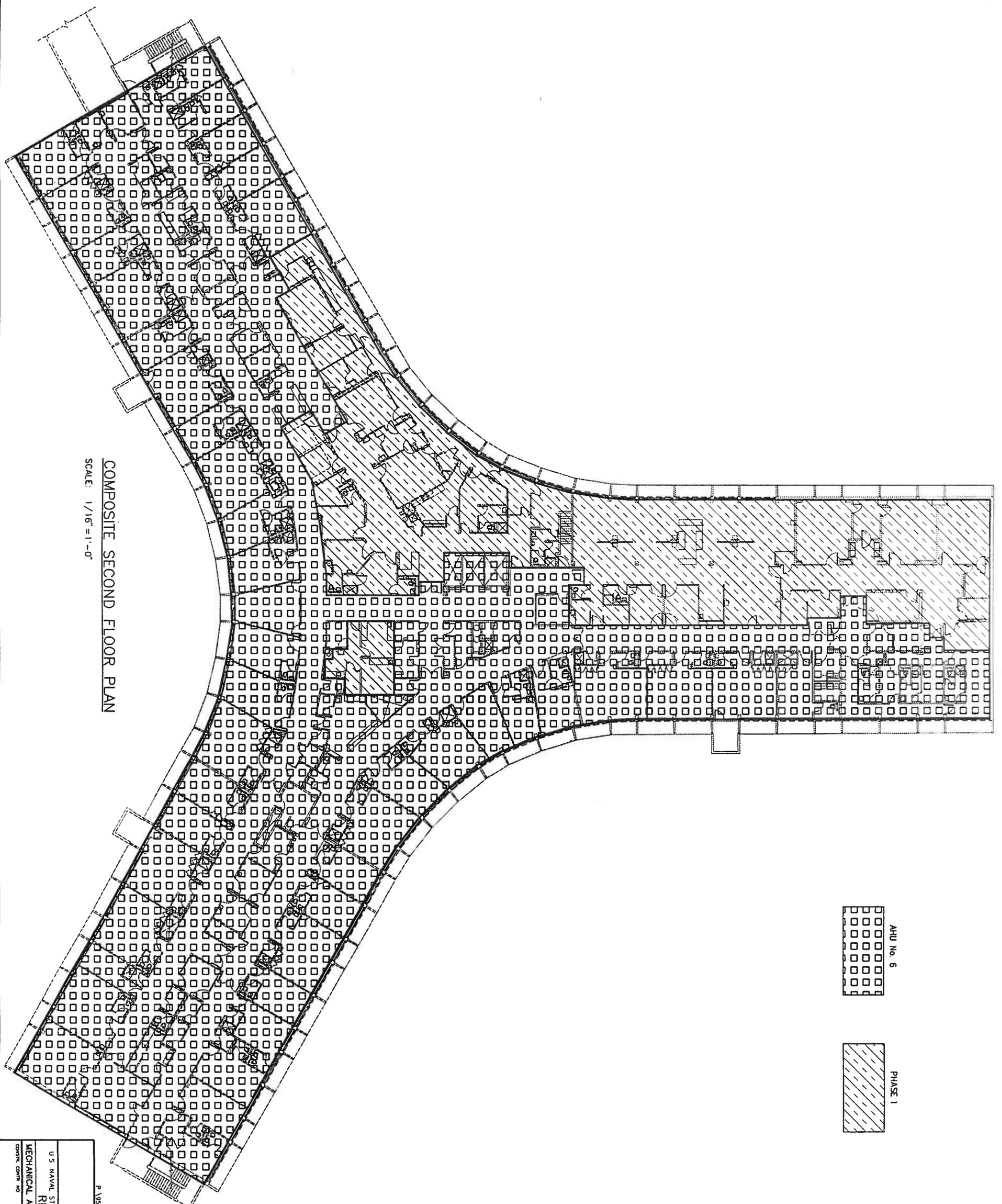
COMPOSITE FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"



P-135-123 ME-V-9-649 (88192) 02/09/96 at 08:35:33 by JOINER, J.
SHERLOCK, SMITH & ADAMS, INC.
ARCHITECTS - ENGINEERS
MONTICELLO, ALABAMA
U.S. NAVAL STATION
ROOSEVELT ROADS, P.R.
REPAIRS TO NAVAL HOSPITAL
MECHANICAL AIR HANDLING UNIT SERVICE AREAS - 1st FLOOR
CONTRACT NUMBER: 101
SPECIFICATION NO.:
DRAWING NO.:
SHEET 9 OF 9?

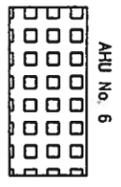
DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL U.S. NAVAL STATION ROOSEVELT ROADS, P.R. REPAIRS TO NAVAL HOSPITAL MECHANICAL AIR HANDLING UNIT SERVICE AREAS - 1st FLOOR	NAVY FACILITIES ENGINEERING COMMAND REVISION DESCRIPTION DATE	ENG. DR. OR: _____ DATE: _____ SATISFACTORY TO: _____ DATE: _____ DESIGN BY: McDONALD DRAWN BY: JOINER

M-9

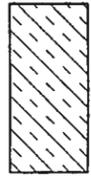


COMPOSITE SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0"



AHU No. 6



PHASE 1

U.S. NAVAL STATION
 MECHANICAL AIR HANDLING UNIT SERVICE AREAS - 2nd FLOOR
 ROOSEVELT ROADS, P.R.
 ARCHITECTS - ENGINEERS
 SHERLOCK, SMITH & ADAMS, INC.
 P. 195-12345678-10.dwg. (9/1/92) 03/08/98 at 08:43:21 by ADNER J

DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL U.S. NAVAL STATION ROOSEVELT ROADS, P.R. REPAIRS TO NAVAL HOSPITAL MECHANICAL AIR HANDLING UNIT SERVICE AREAS - 2nd FLOOR	REVISION DESCRIPTION _____ _____ _____	DATE _____ _____ _____	ENG. BY DR. _____ DATE: _____ SATISFACTORY TO: _____ DATE: _____
	DESIGN BY: McDONALD DRAWN BY: JOINER FILED BY: VFD/10 APPROVED: _____		SOUL AREA

M-10

SHEET 2 OF 77

ELECTRICAL LEGEND

SYMBOLS & ABBREVIATIONS:

- MT MOUNTING HEIGHT ABOVE FINISHED FLOOR OR GRADE TO CENTERLINE
- CL CEILING MOUNTED
- CW DEVICE MOUNTS IN CASEWORK BUT NOT FURNISHED WITH CASEWORK
- D AFTER FIXTURE MARK INDICATES FIXTURE TO BE PROVIDED WITH DIMMING BALLAST AND 30W OR 40W LAMPS AS REQUIRED.
- EX EXISTING EQUIPMENT, RECONNECT AS SHOWN.
- GFI GROUND FAULT CIRCUIT INTERRUPTER.
- HG HOSPITAL GRADE RECEPTACLE
- REC RECEPTACLE(S)
- TV TELEVISION
- TX TRANSFORMER
- WP RAINWIGHT (NEMA 3R CLASSIFICATION).

SWITCHES:

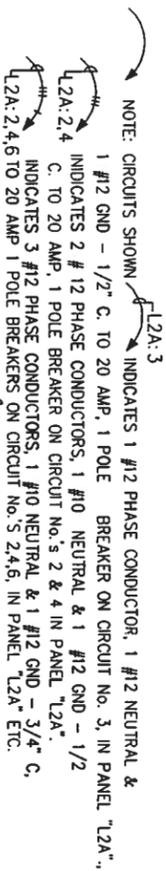
- S FLUSH TYPE, 20A, 120/277V AC ONLY, QUIET TYPE, 1-POLE
- S₂ FLUSH TYPE, 20A, 120/277V AC ONLY, QUIET TYPE, 3 WAY
- S₃ FLUSH TYPE, 20A, 120/277V AC ONLY, QUIET TYPE, 3 WAY
- S₄ FLUSH TYPE, 20A, 120/277V AC ONLY, QUIET TYPE, 4 WAY
- S₀ CONTROLS OUTLET "0" ETC.
- S_p WITH RED PILOT LIGHT, "0M" WHEN SWITCH IS "0M" ENGRAVE PLATE TO CLEARLY INDICATE EQUIPMENT CONTROLLED (AND LOCATION IF NOT OBVIOUS).
- S_{3p} SAME AS S_p EXCEPT 3 WAY
- S₀ SOLID STATE DIMMER, INCANDESCENT OR FLUORESCENT AS REQUIRED FOR LIGHTS PROVIDED. WATTAGE TO BE MINIMUM OF 125% OF TOTAL FIXTURE WATTAGE CONTROLLED OR AS INDICATED ON DRAWING.

ESSENTIAL ELECTRICAL SYSTEM DESIGNATIONS:

- L LIFE SAFETY BRANCH
- C CRITICAL BRANCH
- 0 EQUIPMENT BRANCH
- 0 NORMAL SYSTEM

BRANCH CIRCUITS:

- CONCEALED IN OR BELOW FLOORS.
- EXPOSED CONDUIT.
- FLEXIBLE CONDUIT TO EQUIPMENT
- CONCEALED OVERHEAD OR IN WALLS.



POWER, PANELS & POWER EQUIPMENT

- PANELBOARD - SURFACE MOUNTED - SEE PANELBOARD SCHEDULE
- PANELBOARD - RECESSED - SEE PANELBOARD SCHEDULE
- DISTRIBUTION PANELBOARD OR SWITCHBOARD - SEE PANEL SCHEDULE
- DISCONNECT SWITCH, NON-FUSIBLE, SIZE AND TYPE AS NOTED OR AS SHOWN ON SCHEDULE ON PLATE
- DISCONNECT SWITCH, FUSIBLE, SIZE, TYPE AND FUSED AS NOTED, FUSE PER MANUFACTURER'S RECOMMENDATION, NON-FUSED SWITCH MAY BE USED IF UNIT IS UL TESTED WITH BREAKER PROTECTION, SIZE, TYPE AND FUSES AS NOTED OR AS SHOWN ON SCHEDULE ON PLATE

POWER, PANELS & POWER EQUIPMENT (CONTINUED)

- MOLDED CASE CIRCUIT BREAKER
- MAGNETIC TRIP ONLY CIRCUIT BREAKER
- MOLDED CASE CIRCUIT BREAKER WITH SOLID STATE TRIP
- DRAWOUT AIR CIRCUIT BREAKER
- ① TRANSFORMER - DRY TYPE - RATING AS SHOWN.
- ② CIRCUIT BREAKER IN NEMA 1 ENCLOSURE - SURFACE MOUNTED
- ③ CIRCUIT BREAKER IN NEMA 1 ENCLOSURE - FLUSH MOUNTED.

MISCELLANEOUS EQUIPMENT:

- ⊖ ELECTRIC CLOCK, TYPE AS SHOWN
- ⊖ ELAPSED TIME CLOCK AND CONTROLLER
- ⊖ BRACKET TYPE FIXTURE
- ⊖ EXIT LIGHT

GROUNDING

- GROUND ROD(S).
- GROUND HOMERUN 1#12, 1/2" C.

CEILING OUTLETS:

- ⊖ SURFACE MOUNTED FIXTURE, SHOWN FIXTURE MARK 'TS1' CIRCUIT No. 8 CONTROLLED BY SWITCH 'b' TYPICAL. WHERE 2 SUBSCRIPT LETTERS ARE SHOWN BY FIXTURE SUCH AS 'a' & 'b' THE INBOARD LAMP SHALL BE CONTROLLED BY SWITCH 'a' AND THE OUTBOARD LAMP BY SWITCH 'b'.
- ⊖ LIGHTING FIXTURE - MOUNTING AND TYPE AS SHOWN IN FIXTURE SCHEDULE.
- ⊖ EXIT LIGHT - NUMBER AND DIRECTION OF FACES AS SHOWN BY COLORED IN SECTION, SHOWN SINGLE FACE. PROVIDE ARROWS AS INDICATED ON ELECTRICAL PLANS OR FIRE PROTECTION PLANS.
- ⊖ LIGHTING FIXTURE ON EMERGENCY POWER (OR WITH BATTERY PACK)
- ⊖ LIGHTING FIXTURE ON EMERGENCY POWER AND WITH BATTERY PACK.

WALL RECEPTACLES:

- ⊖ SINGLE RECEPTACLE - 20A, MTD, 18" AFF UNLESS OTHERWISE NOTED
- ⊖ DUPLEX RECEPTACLE, HG, 20A, 125V, 2P-3 WIRE, MOUNT 1'-6" AFF, UNLESS NOTED OTHERWISE NEMA 5-20R.
- ⊖ DUPLEX RECEPTACLE, HG, 20A, 125V, 2P-3 WIRE, MOUNT BOTTOM OF RECEPTACLE COVER PLATE 2" ABOVE COUNTER OR BACKSPASH, IF NO COUNTER THEN MOUNT 3'-8" AFF, NEMA 5-20R.
- ⊖ DOUBLE DUPLEX RECEPTACLE, HG, 20A, 125V, 2P-3 WIRE, MOUNT BOTTOM OF RECEPTACLE COVER PLATE 2" ABOVE COUNTER OR BACKSPASH, IF NO COUNTER THEN MOUNT 3'-8" AFF, NEMA 5-20R.
- ⊖ SPECIAL RECEPTACLE - NEMA CONFIGURATION AS SHOWN ON FLOOR PLANS OR IN EQUIPMENT SCHEDULE - SHOWN NEMA 5-30R.
- ⊖ 5-30R DUPLEX RECEPTACLE, HG, 20A, 125V, 2P-3 WIRE, WITH GROUND FAULT INTERRUPTING.
- ⊖ GFI DUPLEX RECEPTACLE, HG, MOUNTED IN CASEWORK
- ⊖ CW DUPLEX RECEPTACLE, HG, MOUNTED IN CASEWORK
- ⊖ TV DUPLEX RECEPTACLE, HG, MOUNTED IN CEILING

JUNCTION BOXES:

- ① IN OR ABOVE CEILING
- ① IN WALL - MOUNT 1'-6" UNLESS NOTED OTHERWISE
- ① WITH FLEXIBLE CONNECTION TO EQUIPMENT
- ① WP CAST BOX WITH WEATHERPROOF COVER

CONTROLS & MECHANICAL EQUIPMENT:

- ⊖ MOTOR CONTROLLER - MAGNETIC - MOUNTS IN MOTOR CONTROL CENTER
- ⊖ MOTOR CONTROLLER - MAGNETIC - MOUNTS IN SEPARATE ENCLOSURE FURNISHED BY MECHANICAL, INSTALLED BY ELECTRICAL - COORDINATE LOCATION WITH MECHANICAL REPLACEMENT STARTERS FOR CONVERSION TO 480 VOLT FURNISHED BY ELECTRICAL
- ⊖ COMBINATION VARIABLE SPEED MOTOR CONTROLLER AND DISCONNECT
- ⊖ MOTOR SNAP SWITCH WITH THERMAL OVERLOAD PROTECTION 20A, 1 POLE UNLESS NOTED OTHERWISE.
- ⊖ MOTOR - ELECTRICAL CHARACTERISTICS AS NOTED.
- ⊖ COMBINATION STARTER - MOUNTS IN SEPARATE ENCLOSURE - MAGNETIC STARTER, OVERLOAD RELAY, NON-FUSED DISCONNECT. SOVA CONTROL TRANSFORMER, 1A/1B CONTACTS.

COMMUNICATIONS SYSTEM:

- ⊖ SMOKE DETECTOR
- ⊖ PAGING SYSTEM, CEILING SPEAKER
- ⊖ NURSE CALL SYSTEM DOME LIGHT.

LIGHTNING PROTECTION SYSTEM:

- ⊖ LIGHTNING PROTECTION CONDUCTOR
- ⊖ LIGHTNING PROTECTION AIR TERMINAL
- ⊖ LIGHTNING PROTECTION CONNECTION DOWN CONDUCTOR
- ⊖ LIGHTNING PROTECTION CONNECTION DOWN CONDUCTOR WITH GROUND ROD

SHERLOCK, SMITH & ADAMS, INC. ARCHITECTS - ENGINEERS MONTELORE, ALABAMA		ROOSEVELT ROADS, P.R. U.S. NAVAL STATION REPAIRS TO NAVAL HOSPITAL	
DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL	NAVY FACILITIES ENGINEERING COMMAND	REVISION DESCRIPTION	DATE
U.S. NAVAL STATION REPAIRS TO NAVAL HOSPITAL ELECTRICAL LEGEND		DESIGN BY: JEA	DRAWN BY: CBN
E00-1		DWG #	

GENERAL NOTES

1. FOR SITE WORK LEGEND SEE SHEET ES1-1, FOR COMMUNICATIONS COMMUNICATIONS LEGEND SEE SHEET E00-1, FOR DEMOLITION LEGEND SEE SHEET E00-1 AND E00-1.
2. PHASING SHALL BE COORDINATED AND IN COMPLIANCE WITH ALL PHASING DRAWINGS AND NOTES. COORDINATE ALL POWER OUTLAGE WITH OWNER AND PROVIDE A WRITTEN NOTICE TO OWNER NOT LESS THAN 24 HOURS IN ADVANCE.
3. MOTOR CONTROL DEVICES FURNISHED IN PLACE BY MECHANICAL TRADE, BUT ELECTRICALLY CONNECTED BY ELECTRICAL TRADE.
4. FLEXIBLE CONDUIT INSTALLED OUT-OF-DOORS, IN ANY MECHANICAL EQUIPMENT ROOM, OR IN NORMALLY WET AREAS, SHALL BE LIQUID TIGHT FLEX WITH SUITABLE FITTINGS.
5. COORDINATE WITH ALL MECHANICAL TRADES FOR SPACE REQUIREMENTS IN MECHANICAL ROOMS, CORRIDORS, SHAFTS ABOVE CEILING, ETC. THIS INCLUDES SPACE ABOVE PANELS WHERE DUCTS AND PIPING ARE PROHIBITED.
6. FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT, SEE MECHANICAL PLANS.
7. WHERE WALL SWITCHES AND CONTROL DEVICES SUCH AS THERMOSTATS ARE SHOWN NEAR EACH OTHER (CONTROL DEVICES SUCH AS THERMOSTATS ARE SHOWN ON THE MECHANICAL DRAWINGS) THEY SHALL BE MOUNTED WITH THE CONTROL DEVICE DIRECTLY BESIDE THE SWITCH.
8. THE LOCATION OF FIXTURES IN MECH., ELEC., MACHINE ROOMS, ETC. ARE SHOWN FOR BID PURPOSES ONLY. FIXTURES SHALL BE INSTALLED SO AS TO COORDINATE WITH ALL TRADES AND SHALL BE ARRANGED FOR MAXIMUM LIGHTING DISTRIBUTION OF THE AREA.
9. PROVIDE CONDUIT EXPANSION FITTINGS WITH BONDING JUMPERS FOR ALL CONDUITS PASSING THROUGH EXPANSION JOINTS. SEE ARCHITECTURAL DRAWINGS FOR EXPANSION JOINT LOCATIONS.
10. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL CEILING MOUNTED EQUIPMENT.
11. ALL CEILING AND WALL MOUNTED EQUIPMENT OR DEVICES SHALL BE LOCATED TO AVOID DOOR SWINGS WHERE REQUIRED.
12. CONTRACTOR SHALL VERIFY & COORDINATE ALL MOUNTING HEIGHTS OF ALL DEVICES MOUNTED IN CASEWORK OR IN OR ABOVE COUNTERS WITH SPECIFIC EQUIPMENT FURNISHED.
13. OUTLET BOXES/RECEPTACLES, LIGHT SWITCHES, TELEPHONES, ETC.) OVER 16 SQUARE INCHES IN SHOCK AND FIRE WALLS MUST BE 3 SIDED WITH SAME CONSTRUCTION AS WALL SYSTEM. WHERE OUTLET BOXES ARE ON OPPOSITE SIDES OF A FIRE WALL THERE MUST BE A 24 INCH HORIZONTAL SEPARATION BETWEEN THEM. IF OUTLET BOXES ON PLANS ARE SHOWN AT EXISTING LOCATIONS IN FIRE WALLS BUT THERE IS LESS THAN 24 INCHES OF SEPARATION THE CONTRACTOR SHALL RELOCATE ONE OR BOTH OUTLETS TO ACHIEVE THE MINIMUM 24 INCHES OF SEPARATION REQUIRED.
14. DO NOT MOUNT OUTLETS BACK TO BACK. THEY MUST BE IN SEPARATE STUD SPACES.
15. CONDUIT TO PASS THROUGH WALLS AT 90 DEGREES AND TO BE RUN PARALLEL OR PERPENDICULAR TO WALLS.
16. BRANCH CIRCUITS AND HOMERUNS SHALL BE #12 WIRE AND 1/2" CONDUIT MINIMUM. EVERY CONDUIT SHALL HAVE A GROUND WIRE (#12 MINIMUM).
17. NO MORE THAN 3 PHASE CONDUCTORS MAY BE INSTALLED IN ONE CONDUIT UNLESS NOTED OTHERWISE.
18. ALL NORMAL RECEPTACLES, SWITCHES, ETC. TO BE GRAY WITH STAINLESS STEEL PLATES UNLESS NOTED OTHERWISE. ALL RECEPTACLES AND LIGHT SWITCHES ON EMERGENCY POWER SHALL BE RED. ENGRAVE EMERGENCY PLATES WITH "EMERGENCY", FILLED WITH RED LETTERS. IN CRITICAL CARE AREAS ALSO ENGRAVE EMERGENCY PLATES WITH CIRCUIT NUMBER.
19. PROVIDE BARRIERS BETWEEN ALL 277V SWITCHES MOUNTED UNDER THE SAME COVER PLATE WITH OTHER 277V SWITCHES ON DIFFERENT PHASES OR 120V SWITCHES.
20. MOUNTING HEIGHTS OF WALL OUTLETS ABOVE FINISHED FLOOR SHALL BE AS INDICATED IN THE LEGEND AND IN THE FOLLOWING TABLE UNLESS NOTED OTHERWISE ON THE PLANS (MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE):

SWITCHES (GENERAL)	4'-0"
RECEPTACLES (GENERAL)	1'-6"
BATH BRACKETS	7'-0"
STAIR BRACKETS (ABOVE LANDING)	7'-0"
TELEPHONE OUTLETS	1'-6"
21. MAINTAIN N.E.C. MINIMUM CLEARANCE IN FRONT OF ALL SAFETY SWITCHES, PANELBOARDS, TRANSFER SWITCHES, TRANSFORMERS, AND OTHER ELECTRICAL EQUIPMENT.
22. PRIOR TO ANY ROUGH-IN CONTRACTOR TO PROVIDE SCALED DRAWINGS (WITH ACTUAL DIMENSIONS OF APPROVED EQUIPMENT) SHOWING LOCATIONS AND PROPER CLEARANCES OF ALL ELECTRICAL PANELS, TRANSFORMERS, COMMUNICATION CABINETS, AUTOMATIC TRANSFER SWITCHES, ENGINE GENERATOR SETS, EXHAUST PIPING, DAY TANKS, ETC. FOR APPROVAL. DRAWINGS WILL SHOW MECHANICAL, PLUMBING AND ARCHITECTURAL AS WELL AS ELECTRICAL EQUIPMENT. PROVIDE SCALED PLAN VIEW AND ELEVATION OF COMPLETE GENERATOR EXHAUST SYSTEM FOR APPROVAL.
23. PRIOR TO ROUGH-IN CONTRACTOR TO PROVIDE SCALED WALL ELEVATIONS WHERE ALL ALARMS, SIGNAL CABINETS, ETC. ARE INSTALLED IN OTHER THAN MECHANICAL & ELECTRICAL CLOSETS FOR APPROVAL.
24. NO CONDUIT SHALL PASS THROUGH ELEVATOR HOISTWAY OR ELEVATOR MACHINE ROOM UNLESS IT SPECIFICALLY SERVES EQUIPMENT IN THAT ROOM.
25. ALL UNDERGROUND CONDUIT RUNS ENTERING THE BUILDING SHALL BE SEALED TO PREVENT THE ENTRANCE OF MOISTURE AND GASES.
26. UNLESS NOTED OTHERWISE ALL MOTORS 1/2 HP AND LARGER SHALL BE 480V, 3 PHASE AND MOTORS SMALLER THAN 1/2 HP SHALL BE 120V, 1 PHASE.
27. CONDUIT FOR RECEPTACLE CIRCUITS SHALL BE RUN OVERHEAD UNLESS NOTED OTHERWISE.
28. PROVIDE CONDUIT FOR OUTLET BOXES AS REQUIRED FOR THERMOSTATS. THERMOSTATS ARE SHOWN ON MECHANICAL DRAWINGS.
29. CIRCUIT NUMBERING FOR EXISTING PANELS ARE FOR CIRCUIT SEPARATION ONLY. ACTUAL CIRCUIT NUMBERS MAY DIFFER. GRADE PANEL DIRECTORY FOR CIRCUITS ADDED OR DELETED.
30. CONTRACTOR SHALL VERIFY AND COORDINATE ALL CONNECTIONS TO EQUIPMENT WITH SPECIFIC EQUIPMENT FURNISHED.
31. IN EXISTING BUILDING ALL CONDUIT SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
32. ANY ITEM ABOVE CEILING IN EXISTING CORRIDORS OR ROOMS WHICH NEEDS TO BE RELOCATED AND RECONNECTED AS EQUIPMENT SHALL BE RELOCATED AND RECONNECTED AS DUCTWORK, ETC.
33. ALL ITEMS ON PLANS ARE NEW UNLESS NOTED OTHERWISE.
34. WHERE SWITCHING OF LIGHTS IN A AREA IS NOT CONTAINED COMPLETELY WITHIN A SINGLE PHASE OF WORK PROVIDE TEMPORARY SWITCHING WHICH ACCOMPLISHES THE SAME FUNCTION. COORDINATE TEMPORARY SWITCHING LOCATION WITH CONTRACTING OFFICER. TEMPORARY SWITCHING MAY BE SURFACE MOUNTED RACEWAY.
35. IN MANY AREAS CIRCUITS WILL CROSS PHASING BOUNDARIES WITH PART OF THE CIRCUIT IN ONE PHASE, AND THE REST OF THE CIRCUIT IN ANOTHER PHASE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS WORK, CONDUIT RUNS, ETC., SUCH THAT THE CIRCUITS ARE CONNECTED PROPERLY AND AT THE PROPER TIME.

36. SWING SPACES: ALL CIRCUIT BREAKERS DEDICATED TO SWING SPACES SHALL REMAIN AFTER SWING SPACE HAS BEEN CONVERTED TO PERMANENT FUNCTION. ALL SWING SPACE RECEPTACLES SHALL BE TURNED OVER TO GOVERNMENT AFTER SWING SPACE HAS BEEN CONVERTED TO PERMANENT FUNCTION. ALL CONDUIT, WIRE, BOXES, ETC., REMOVED AFTER SWING SPACE HAS BEEN CONVERTED TO PERMANENT FUNCTION SHALL BE REMOVED FROM SITE. FINAL TYPED PANEL DIRECTORIES SHALL SHOW MOST UP-TO-DATE SCHEDULE FOR THE PERMANENT FUNCTION. ABANDONED SWING SPACE BREAKERS SHALL BE SHOWN AS SPARES.
37. EXISTING PANELS TO REMAIN SHALL HAVE THEIR PANEL SCHEDULES UPDATED AND RETYPED AFTER COMPLETION OF WORK.
38. CONTRACTOR SHALL PROVIDE 1500 FT OF 2-#12, 1-#12 GND, 3/4" C OR THE EQUIVALENT THEREOF FOR MISCELLANEOUS CIRCUITS AS DIRECTED BY THE CONTRACTOR OFFICER. CONTRACTOR SHALL MAINTAIN A LOG OF MATERIAL USED.
39. SHEETS E01-1 THROUGH E01-3 SHOW THE LOCATIONS OF EXISTING PANELS AND THE AREAS THEY SERVE. THESE SHEETS ARE FOR INFORMATION PURPOSES ONLY.
40. SHEETS E01-1 THROUGH E01-3 SHOW THE LOCATIONS OF NEW ELECTRICAL CLOSETS AND THE AREAS THEY SERVE. THESE SHEETS ALSO INDICATE THE GENERAL ROUTING PATH FOR NEW FEEDERS. EXACT ROUTING OF FEEDERS IS TO BE DETERMINED BY THE CONTRACTOR IN THE FIELD AND CHANGES TO ROUTING SHALL BE AT NO ADDITIONAL COST TO THE GOVERNMENT. ADHERE TO ALL PHASING PLANS. ROUTING OF CIRCUITS FROM MOTOR CONTROL CENTERS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE CONSIDERED WHEN PROVIDING FEEDER CIRCUITS.
41. CONTRACTOR SHALL IDENTIFY ANY ELECTRICAL DEVICE THAT IS MOUNTED ABOVE THE CEILING AND REQUIRES MAINTENANCE BY PLACING A COLORED DOT OR TACK AT THE LOCATION. COORDINATE WITH OTHER TRADES SUCH THAT ALL TRADES USE THE SAME METHOD EXCEPT DIFFERENT COLORS FOR EACH SYSTEM IN EACH TRADE.
42. ALL NEW CIRCUITS TO WALL MOUNTED RECEPTACLES AND JUNCTION BOXES MUST BE FED FROM OVERHEAD. IN MOST CASES THIS WILL REQUIRE CHASING AND PATCHING THE EXISTING WALLS AT EACH DEVICE LOCATION.
43. ALL ELECTRICAL ITEMS PROVIDED OR EXISTING TO REMAIN SHALL BE PROPERLY BRACED FOR SEISMIC ZONE 3.
44. IT IS STRONGLY RECOMMENDED THE CONTRACTOR VISIT THE SITE PRIOR TO BIDDING TO ASCERTAIN EXISTING CONDITIONS AS HE WILL BE RESPONSIBLE FOR EXISTING CONDITIONS AS REQUIRED IN OTHER NOTES.
45. ALL RECEPTACLES BESIDES SINKS SHALL BE LOCATED AT LEAST 6" HORIZONTALLY FROM THE TOWEL DISPENSER. UNDER NO CONDITION SHALL A RECEPTACLE BE LOCATED UNDER A TOWEL DISPENSER.
46. ALL FIRE ALARM WORK SHALL BE IN ACCORDANCE WITH NFPA 72 REQUIREMENTS.

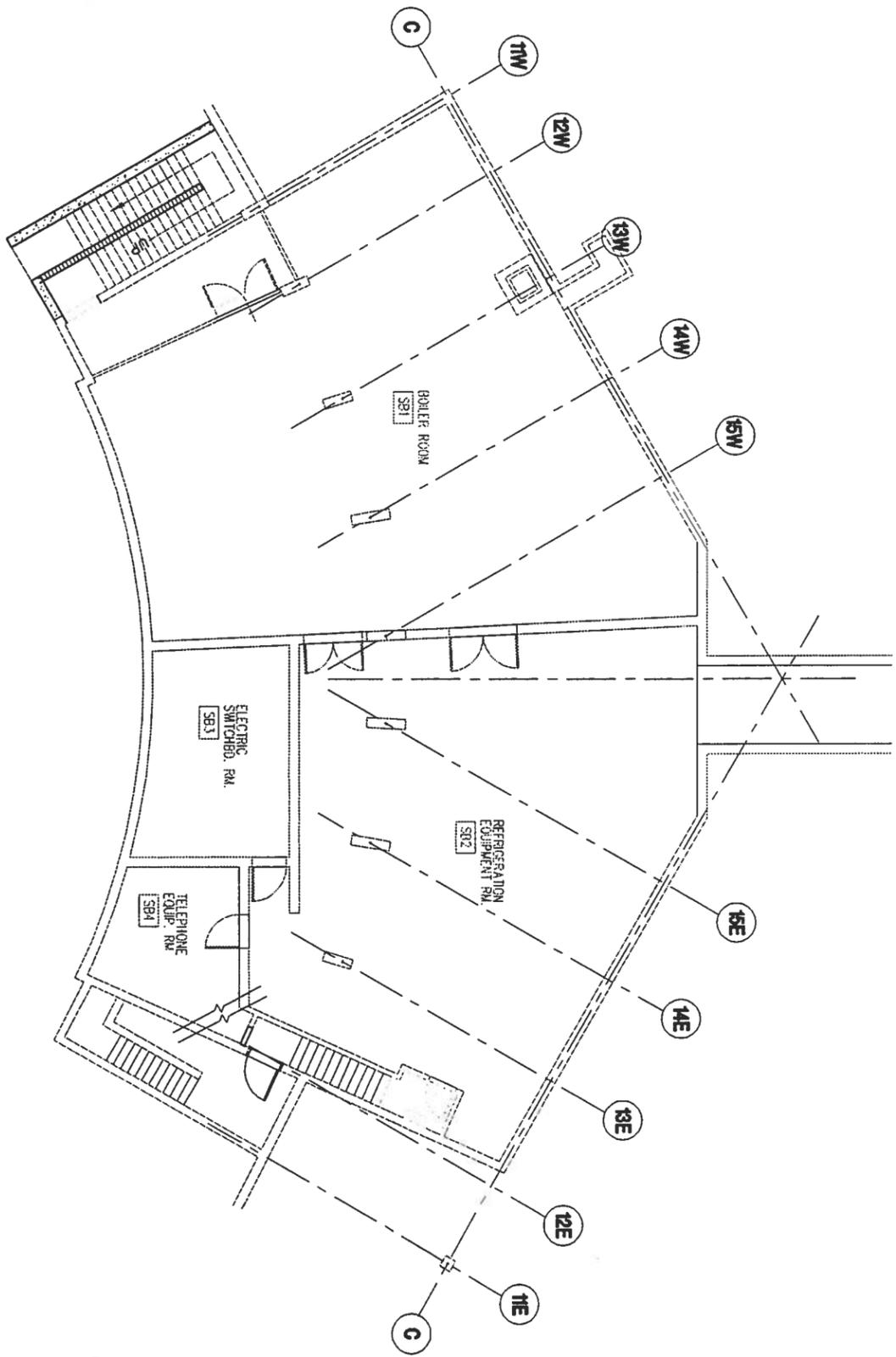
GENERAL DEMOLITION NOTES

1. ALL ITEMS SHOWN ON DEMOLITION PLANS ARE TO BE REMOVED UNLESS NOTED OTHERWISE. REMOVE ALL ELECTRICAL ITEMS ASSOCIATED WITH ITEMS SHOWN TO BE REMOVED ON DEMOLITION PLANS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO CONDUIT, WIRE, DEVICES AND CONDUIT SUPPORTS.
2. THE FOLLOWING REMOVED ELECTRICAL EQUIPMENT SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO THE OWNER AT A LOCATION DESIGNATED BY THE OWNER ON THE SITE OF THE PROJECT: INDOOR DRY TYPE TRANSFORMERS, OUTDOOR SILICONE FULLED UNIT SUBSTITUTIONS WITH PRIMARY SELECTOR SWITCHES, AND 15KV CABLE SWITCHING STATIONS. CARE SHALL BE TAKEN NOT TO DAMAGE REMOVED EQUIPMENT. THE REMOVED EQUIPMENT MUST BE STACKED NEATLY INSIDE OR OUTSIDE THE DESIGNATED STORAGE AREA AS DIRECTED BY THE ROIC. EQUIPMENT NOT DESIRED BY THE OWNER SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR AT NO ADDITIONAL COST. WIRE AND CONDUIT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE.
3. ALL EXISTING FIXTURES THAT ARE TO REMAIN OR BE REUSED SHALL BE THOROUGHLY CLEANED BY THE CONTRACTOR. CONTRACTOR SHALL ALSO REPLACE ALL BURNED OUT LAMPS. RECEPTACLES TO REMAIN SHALL BE REPLACED WITH HOSPITAL GRADE RECEPTACLES.
4. ABANDONED CONDUIT SHALL BE REMOVED WHERE POSSIBLE. ABANDONED CONDUIT WHICH CAN NOT BE REMOVED SHALL HAVE WIRES PULLED FROM THEM.
5. WHERE EXISTING CONDUITS ARE REUSED THE OLD WIRES SHALL BE REMOVED, THE CONDUIT SWABBED OUT, AND NEW WIRES REPLED.
6. IF ANY EXISTING ELECTRICAL EQUIPMENT THAT IS TO REMAIN IN OPERATION BECOMES ISOLATED BECAUSE OF PHASING OR BY THE REMOVAL OF WALLS, CEILINGS, ELECTRICAL EQUIPMENT, ETC., IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REROUTE AND/OR RECONNECT THE EQUIPMENT SO THAT THE SYSTEM REMAINS OPERABLE AS SOON AS POSSIBLE. THIS SHALL ALSO APPLY TO SWITCHING OF LIGHTS AS NEEDED TO KEEP THE FACILITY FUNCTIONAL.
7. ANY MOTORS, HVA/C DEVICES OR OTHER EQUIPMENT WHICH IS TO BE REMOVED SHALL ALSO HAVE ELECTRICAL CONNECTIONS REMOVED.
8. IF SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO RELOCATE AND RECONNECT EXISTING ELECTRICAL CIRCUITS AS REQUIRED TO AVOID NEW CONSTRUCTION.
9. FOR ANY CUTTING OR PATCHING OF WALLS AND CEILING REQUIRED, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR SAME. HOWEVER WORK SHALL BE PERFORMED BY CRAFTSMAN SKILLED IN THAT TRADE.
10. ANY ITEMS ABOVE CEILING IN EXISTING CORRIDORS OR ROOMS WHICH NEEDS TO BE RELOCATED FOR INSTALLATION OF NEW ELECTRICAL EQUIPMENT SHALL BE RELOCATED AND RECONNECTED AS REQUIRED. THIS INCLUDES BUT IS NOT LIMITED TO CONDUIT, WIRE, PIPING, AND DUCTWORK.
11. ANY ELECTRICAL ITEM ABOVE EXISTING CEILING WHICH NEEDS TO BE RELOCATED OR SUPPORTED TO REMAIN IN SERVICE DUE TO DEMOLITION OF EXISTING CEILING SHALL BE RELOCATED AND RECONNECTED AS REQUIRED. ELECTRICAL ITEMS SUCH AS EXISTING COMMUNICATIONS CABLE LAYING ON EXISTING CEILING SHALL BE IDENTIFICALLY SUPPORT WHILE THE EXISTING CEILING IS BEING DEMOLISHED AND REPLACED. SUPPORT SHALL KEEP COMMUNICATION CABLES AND OTHER ITEMS 12" ABOVE CEILING TO ALLOW FOR PROPER SPACE TO INSTALL NEW CEILING. THIS INCLUDES BUT IS NOT LIMITED TO CONDUIT, PIPING, COMPUTER SYSTEMS, SECURITY, AND HVA/C CONTROLS.
12. BEFORE DEMOLISHING ANY CONDUIT OR WIRE THE CONTRACTOR SHALL VERIFY WHAT IT SERVES TO ENSURE SERVICE IS NOT LOST TO ITEMS OUTSIDE OF THE AREA SCHEDULED IN THE PHASING PLAN.
13. WHERE EXISTING ELECTRICAL PANELS IN WALLS OR CEILINGS ARE NOT REUSED THEY SHALL BE REMOVED AND THE WALL OR CEILING PATCHED. BLANKING PLATES WILL NOT BE ACCEPTABLE.
14. EXISTING CONDUITS WHICH PENETRATE EXTERIOR WALLS SHALL BE REMOVED AND EXTERIOR WALL PATCHED, OR CONDUIT SHALL BE SEALED ON INTERIOR OF BUILDING TO PREVENT WATER FROM ENTERING BUILDING.
15. FOR DEMOLITION POWER FLOOR PLANS SEE SHEETS ED2-1 THROUGH ED2-10. FOR DEMOLITION POWER SINGLE LINE DIAGRAM SEE SHEET EP6-4 AND EP6-5.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF PCB BALLAST AND FLUORESCENT LAMPS FROM ALL LIGHTING FIXTURES. SEE SPECIFICATION SECTION _____ FOR DETAILS. BALLAST SHALL BE DELIVERED TO DEFENSE REUTILIZATION AND MARKETING OFFICE (DRMDO) ON BASE FOR DISPOSAL BY GOVERNMENT.
17. IT IS STRONGLY RECOMMENDED THE CONTRACTOR VISIT THE SITE PRIOR TO BIDDING TO ASCERTAIN EXISTING CONDITIONS AS HE WILL BE RESPONSIBLE FOR EXISTING CONDITIONS AS REQUIRED IN OTHER NOTES.
18. REMOVE ALL ELECTRICAL ITEMS INSIDE GLOUDED AREA. RECONNECT CIRCUITS TO MAINTAIN INTEGRITY OF EXISTING CIRCUIT.
19. WHERE ELECTRICAL EQUIPMENT IS NOT SHOWN ON WALLS THAT ARE TO BE REMOVED, CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EQUIPMENT AND HE SHALL BE RESPONSIBLE FOR REMOVAL OF SAME AND RECONNECTION OF EXISTING CIRCUITS.

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U.S. NAVAL STATION REPAIRS TO NAVAL HOSPITAL	ROOSEVELT ROADS, P.R. U.S. NAVAL STATION REPAIRS TO NAVAL HOSPITAL
CONTRACTOR NO. _____	SPECIFICATION NO. _____
SHEET NO. _____	SHEET 2 OF 72

DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER, JACKSONVILLE, FL	NAVY FACILITIES ENGINEERING COMMAND ROOSEVELT ROADS, P.R. U.S. NAVAL STATION REPAIRS TO NAVAL HOSPITAL	GENERAL NOTES AND DEMOLITION NOTES
PLANT NO. _____	REVISION DESCRIPTION	DESIGN BY: JEA DRAWN BY: CBN

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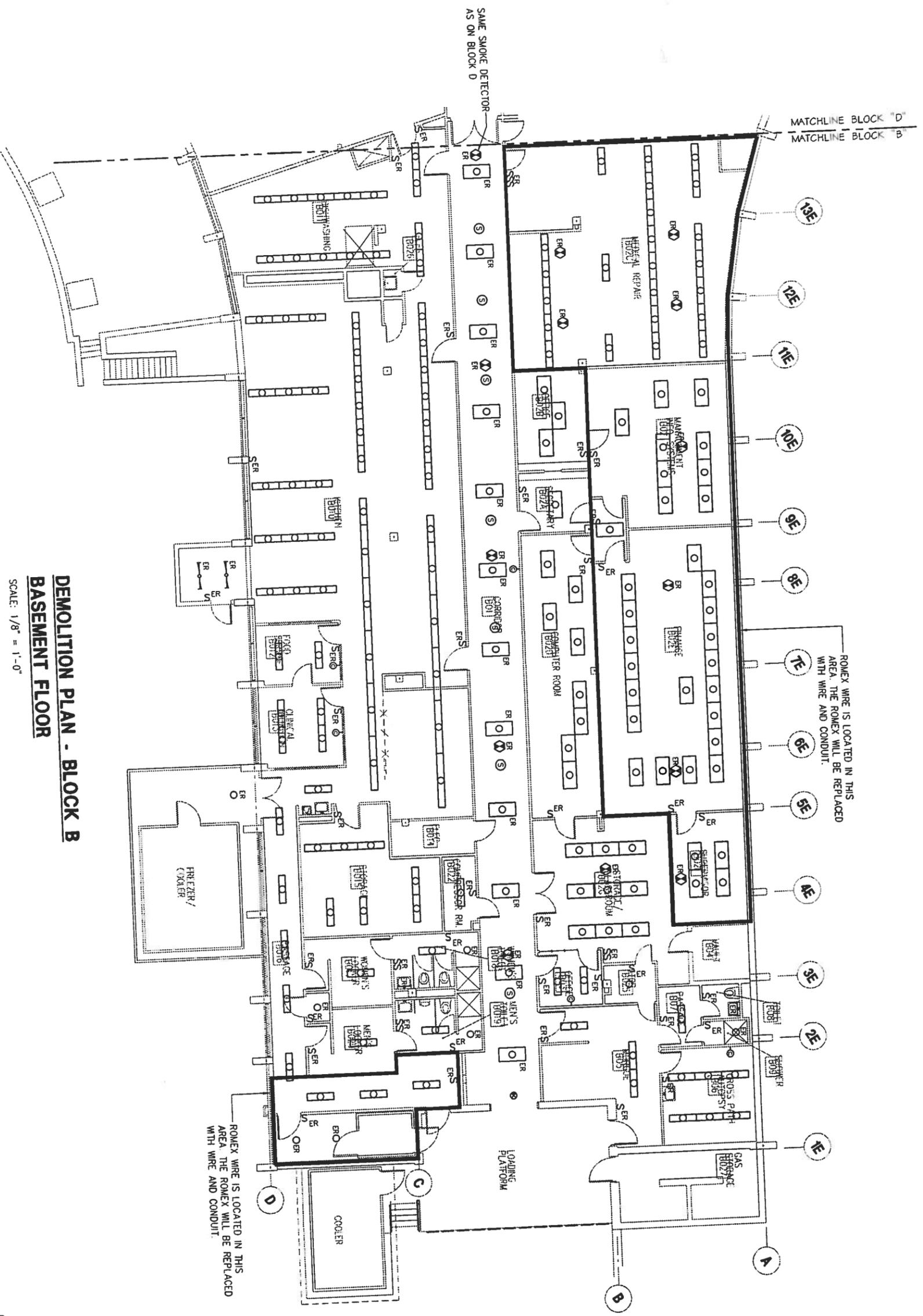


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PLATE NO.	DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND
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	ELECTRICAL DEMOLITION PLAN	
	SUB-BASEMENT FLOOR	

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ENCL. DIV. OR:	_____
DATE:	_____
SATISFACTORY TO:	_____
DATE:	_____
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MATCHLINE BLOCK "D"
MATCHLINE BLOCK "B"

DEMOLITION PLAN - BLOCK B
BASEMENT FLOOR

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



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ELECTRICAL DEMOLITION PLAN

REVISION DESCRIPTION	DATE	ENG. DV. OR:
		DATE:
		SATISFACTORY TO:
		DATE:
DESIGN BY: JEA	DRAWN BY: CBN	APPROVED:

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