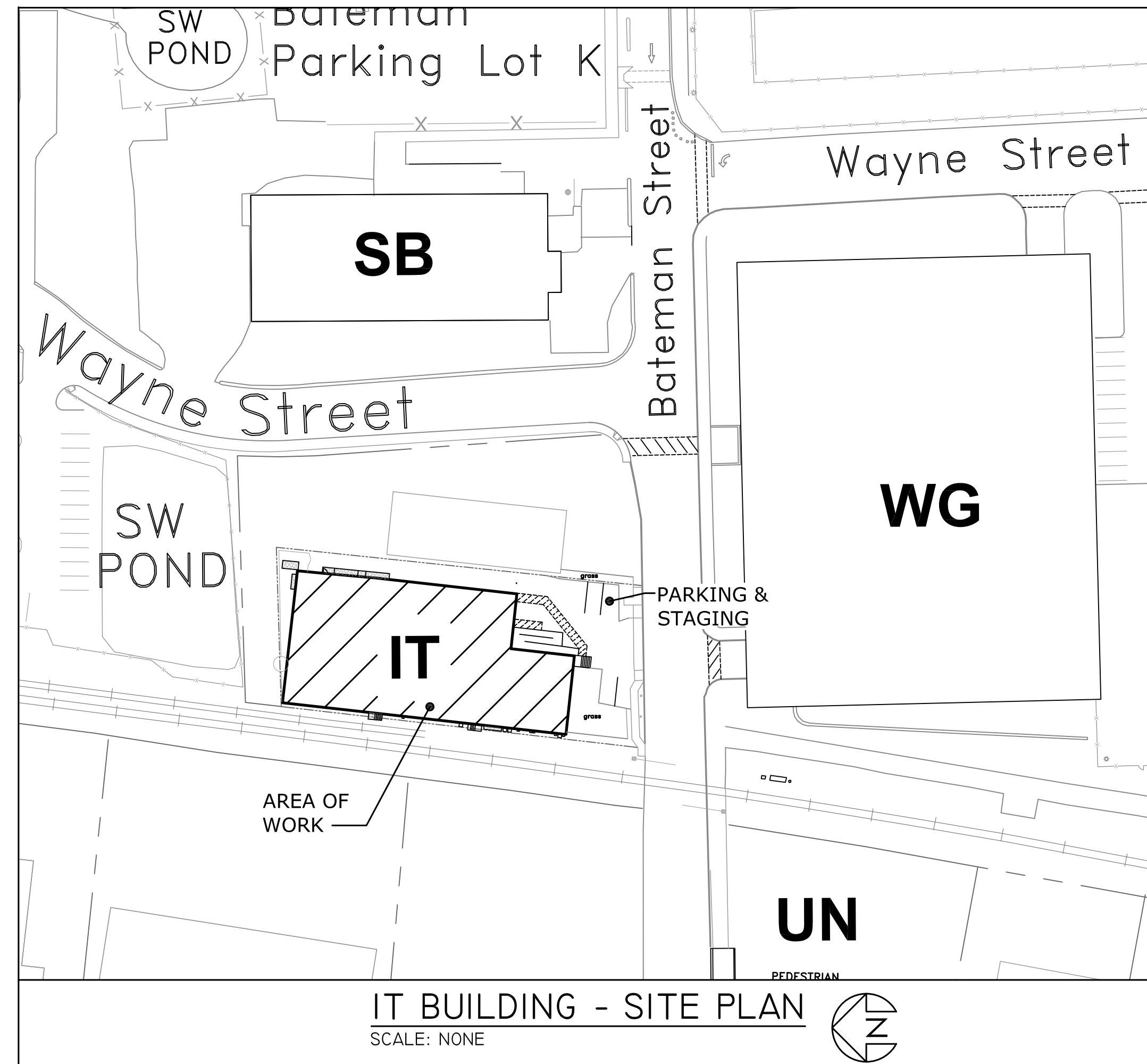


April 13, 2026



## DRAWING INDEX

- |    |     |  |
|----|-----|--|
| 1. | CS1 | COVER SHEET  |
| 2. | M1  | MECHANICAL LEGENDS, DETAILS,<br>SPECIFICATIONS & SCHEDULES |
| 3. | M2  | FIRST FLOOR PLANS - MECHANICAL                             |
| 4. | M3  | MEZZANINE PLAN - MECHANICAL                                |
| 5. | E1  | FIRST FLOOR PLAN - ELECTRICAL                              |
| 6. | E2  | MEZZANINE PLAN - ELECTRICAL                                |

GENERAL NOTES (APPLIES TO ALL DRAWINGS):

1. THE CONTRACTOR IS SOURAGED TO VISIT THE PROJECT SITE PRIOR TO BID TO BE THOROUGHLY FAMILIAR WITH PROJECT CONDITIONS AFFECTING THE WORK.
2. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONSTRUCTION AND RELATED CONDITIONS PRIOR TO START OF DEMOLITION OR NEW WORK. ANY AND ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER/ARCHITECT.
3. DIMENSIONS SHOWN HEREIN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR. DISCREPANCIES DISCOVERED AFTER AWARD OF CONTRACT SHALL NOT NECESSARILY ENTITLE THE CONTRACTOR TO MONETARY ADJUSTMENT.
4. ALL BUILDING AND ADJACENT PARKING LOT(S) INGRESS AND EGRESS ROUTES SHALL REMAIN OPERATIONAL AT ALL TIMES UNLESS OTHERWISE PERMITTED, AND BE PROVIDED WITH ADEQUATE PROTECTION OF BUILDING OCCUPANTS AND VISITORS. IT IS EXPECTED THAT A MINIMUM OF ONE LANE OF TRAFFIC SHALL ALWAYS REMAIN OPEN FOR USE BY OWNERS.
5. PROGRESSION AND SEQUENCING OF WORK SHALL LIMIT CONSTRUCTION TRAFFIC ONTO NEW WORK AREA.
6. LAWN AND LANDSCAPE REAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS. GRADING, SEEDING, SODDING AND MAINTENANCE OF LAWNS SHALL BE IN ACCORDANCE WITH THE UNIVERSITY REQUIREMENTS.
7. CONSTRUCTION SHALL NOT INTERFERE WITH THE BUSINESS OPERATIONS OF OTHER ENTITIES LOCATED WITHIN THE BUILDING. CARE SHALL BE TAKEN TO ALLOW FOR CONTINUOUS FREE FLOW OF PEDESTRIANS IN ALL COMMON AREAS OF THE BUILDING.
8. PROVIDE ADEQUATE PROTECTIONS TO ADJACENT CONSTRUCTION AND SURFACES. DAMAGES INCURRED SHALL BE RESTORED TO ORIGINAL CONDITION AT THE EXPENSE OF THE CONTRACTOR. THIS REQUIREMENT SHALL EXTEND TO INCLUDE ALL WALKWAYS, ASPHALT SURFACES, CURBING AND PAVEMENTS.
9. PROVIDE THE UNIVERSITY WITH 48 HOURS PRIOR NOTICE OF SCHEDULED WORK THAT WILL RESULT IN EXCESSIVE NOISE DISTURBANCE.
10. ALL CONSTRUCTION AND WORK SHOWN ON THE COMPLETE SET OF DRAWINGS IS ASSUMED TO BE NEW AND FURNISHED AND INSTALLED BY THE CONTRACTOR.
11. IF A CONFLICT EXISTS BETWEEN DRAWINGS (AND/OR SPECIFICATIONS), THE MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY. ITEMS SHOWN ON THE DRAWINGS, BUT NOT SPECIFIED, SHALL APPLY AND BE FURNISHED AND INSTALLED BY THE CONTRACTOR. IF AN ITEM IS SHOWN ON THE DRAWINGS, BUT NO SPECIFICATION IS GIVEN, PROVIDE ITEM OF A QUALITY LEVEL CONSISTENT WITH THE GENERAL QUALITY LEVEL OF THE CONTRACT REQUIREMENTS. BRING CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
12. WRITTEN INFORMATION TAKES PRECEDENT OVER DRAWING LINES. BRING CONFLICTS BETWEEN WRITTEN INFORMATION AND DRAWN LINES TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
13. IN THE ABSENCE OF A WRITTEN DIMENSION, OR IN CASE OF DOUBT AS TO THE PROPER MEASUREMENT, CONSULT THE ARCHITECT FOR CLARIFICATION PRIOR TO ORDERING MATERIALS OR COMMENCING THE WORK.
14. IF AN AREA OR SPACE IS SHOWN, BUT IS NOT CLEARLY DEFINED OR INDICATED BY NOTES, PROVIDE THE SAME MATERIALS AND FINISHES AS SCHEDULED OR DETAILED FOR AREAS OF SIMILAR USE ELSEWHERE IN THE PROJECT.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY PROTECTION TO ALL AREAS AND MATERIALS EXISTING TO REMAIN AND ARE NOT WITHIN THE AREAS TO BE DISTURBED BY THIS PROJECT. THIS SHALL INCLUDE ALL AREAS IN WHICH CONSTRUCTION TRAFFIC ENTERS AND EXITS THE AREA OF CONSTRUCTION.
16. ANY ITEMS NOT SPECIFICALLY SHOWN ON THE DRAWINGS, BUT REASONABLY INCIDENTAL TO AND NECESSARY FOR THE SATISFACTORY COMPLETION OF THE PROJECT IN ACCORDANCE WITH INDUSTRY STANDARDS, ARE INCLUDED WITHIN THE INTENT OF THESE DESIGN DRAWINGS.
17. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY THAT ALL CONSTRUCTION BE DONE IN ACCORDANCE WITH ALL CODES, ORDINANCES, AND REGULATIONS APPLICABLE TO THE PROJECT.
18. PROPER ASSEMBLY, INSTALLATION AND OPERATION OF ALL MATERIALS, COMPONENTS SYSTEMS AND FINISHES ARE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
19. COMPONENTS FOR CONSTRUCTION SAFETY ARE NOT INDICATED ON THESE DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT DURING ALL CONSTRUCTION.
20. THE CONTRACTOR SHALL CONTROL DUST TO PREVENT MIGRATION TO OTHER PARTS OF THE BUILDING.
21. OPERATIONS AND CONSTRUCTION CREATING NOISE LEVELS DEEMED OFFENSIVE TO OTHER BUSINESS INTERESTS IN THE BUILDING SHALL BE PERFORMED AT TIMES OTHER THAN NORMAL OPERATING HOURS.

This drawing and the information contained within is the exclusive property of Salisbury University. Consultants, vendors, service providers and others may use this information only with the expressed written consent of a University representative within Administrative Services. Users are fully responsible for verifying information and existing conditions prior to performing their work.

**SALISBURY UNIVERSITY**  
FACILITIES PLANNING & CAPITAL PROJECTS  
ARCHITECTURAL AND ENGINEERING SERVICES  
1101 CAMDEN AVENUE  
SALISBURY, MARYLAND 21801  
410 • 543 • 0215

## IT BUILDING DEHUMIDIFICATION

REVISIONS 

STATUS:

FOR  
CONSTRUCTION

ISSUE DATE:  
**APRIL 13, 2026**

SCALE:  
AS NOTED

DESIGN BY:  
JRP

HECKED BY:  
HED

RACKING NO.:  
SU-IT-27-26

WG NAME: \_\_\_\_\_

**COVER SHEET**

WG. NO.:  
**CS-I**  
I OF 6

1. CONTRACTOR IS ENCOURAGED TO VISIT THE SITE AND CAREFULLY EXAMINE EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION.
2. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO INDICATE ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE MECHANICAL SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONTROLS COMPLETELY COORDINATED WITH ALL DISCIPLINES AND CONNECTED TO THE MECHANICAL SYSTEMS. ALL PARAMETERS INDICATED IN THESE CONTACT DOCUMENTS SHALL BE STRICTLY CONFORMED TO AS SPECIFIED. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE MECHANICAL SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS, SHALL BE FURNISHED AND INSTALLED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. EQUIPMENT SUPPORTS, PIPING, AND CONTACT DOCUMENTS AND WORK OF OTHER TRADES PRIOR TO THE PREPARATION OF SHOP DRAWING SUBMITTALS.
3. COORDINATE ALL WORK WITH ALL TRADES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION OF EQUIPMENT, CONDUIT, PANELS, DUCTWORK, EQUIPMENT SUPPORTS, PIPING, AND COORDINATE THE INSTALLATION ACCORDINGLY. EXACT LOCATIONS FOR CONNECTIONS TO THE MECHANICAL SYSTEM SHALL BE FIELD VERIFIED.

## DUCTWORK













1. ALL NEW (INTERIOR) RECTANGULAR DUCTWORK SHALL BE 1" W.G. CONSTRUCTION, CONSTRUCTED OF LOCK FORMING NO. 1 GALVANIZED STEEL. VOLUME DAMPERS SHALL BE PROVIDED IN ALL BRANCH TAKE OFFS, SPIN-INS OR OTHER CONNECTIONS TO INDIVIDUAL AIR DISTRIBUTION DEVICES. ALL 90 DEGREE ELBOWS SHALL BE RADIUS, OR RECTANGULAR WITH TURNING VANES. DUCTWORK SHALL BE HUNG FROM THE BUILDING STRUCTURE WITH HANGER ASSEMBLIES IN ACCORDANCE WITH "SMACNA" REQUIREMENTS. ALL DUCTWORK SHALL BE SEALED USING HARDCAST TAPE AND ADHESIVE (2 PART SYSTEM). IRON GRIP MAY BE USED AS AN ALTERNATE FOR SEALING INDOOR DUCTWORK. TAPES AND MASTICS FOR DUCT SEALING SHALL BE UL-181A RATED AND LABELED AS SUCH. WHERE FLEXIBLE DUCT OR PORTIONS OF SHEET METAL DUCT ARE SHOWN TO BE REMOVED, BUT ADJACENT SHEET METAL DUCT REMAINS, PATCH REMAINING SHEET METAL AIRTIGHT. DUCTWORK SHALL MEET SMACNA LOW PRESSURE CONSTRUCTION 2" STATIC PRESSURE RATING AND SEAL PER SMACNA CLASS "B" REQUIREMENTS. ALL BRANCH CONNECTION FITTINGS IN RECTANGULAR DUCTWORK SHALL BE 45 DEGREE TRANSITION TYPE, CONICAL FITTINGS OR SPIN-IN FITTINGS WITH INTEGRAL AIR SCOOT, BUTT FITTINGS ARE NOT ACCEPTABLE.
2. ALL FLEXIBLE DUCTWORK SHALL BEAR THE UL 181 LABEL (CLASS 1 AIR DUCT) AND SHALL BE FACTORY INSULATED (1-1/2" 0.6 LB., FIBERGLASS) ATCO UPC #076 I OR EQUAL. FLEXIBLE DUCTWORK SHALL COMPLY W/ NFPA 90A, AND NFPA 90B. ALL FLEXIBLE DUCTWORK CONNECTED TO DIFFUSERS SHALL NOT BE LESS THAN THE NECK SIZE OF THE DIFFUSER. MINIMUM FLEXIBLE DUCT BEND RADIUS OF CURVATURE SHALL BE 3 DUCT DIAMETERS, MAXIMUM LENGTH SHALL BE 6'-0", NO MORE THAN THE EQUIVALENT OF TWO (2) 90 DEGREE BENDS WILL BE ACCEPTABLE. FLEXIBLE DUCTS SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE AND CONNECTED WITH PLASTIC DRAW BANDS TIGHTENED WITH MANUFACTURER'S TOOL. FLEXIBLE DUCTS ARE NOT PERMITTED IN ROOMS WITHOUT CEILINGS.
3. ALL NEW ROUND SHEET METAL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH FIGURES 3-1 THROUGH 3-56 AND TABLE 3-2 OF THE "SMACNA" MANUAL. SNAP LOCK LONGITUDINAL, SEAMS AND DRAW BAND JOINT CONNECTIONS ARE NOT ACCEPTABLE.
4. INCLUDE ALL ACOUSTIC; AIRFOIL SHAPED PERFORATED ALUMINUM TURNING VANES, MANUAL DAMPERS, FLEXIBLE CONNECTORS, GRILLES AND DIFFUSERS, ACOUSTIC LINING, AND OTHER SHEET METAL ACCESSORIES FOR THE PROJECT. VOLUME DAMPERS TO BE OF OPPOSED BLADE TYPE CONSTRUCTED IN ACCORDANCE WITH "SMACNA" STANDARDS.

1. ALL RIGID SUPPLY, RETURN, EXHAUST DUCTWORK WIN 10" OF BUILDING ENVELOPE, AND OUTSIDE AIR, WITHIN THE INSULATED BUILDING ENVELOPE SHALL BE INSULATED WITH 2" THICK (3/4 TO 1 1/2LB/FT3) FIBERGLASS DUCT WRAP (MINIMUM R-6 INSTALLED). ALL RIGID SUPPLY, RETURN, EXHAUST, AND OUTSIDE AIR DUCTWORK OUTSIDE THE INSULATED BUILDING ENVELOPE (CRAWL SPACE, UNINSULATED ATTIC OR SIMILAR) SHALL BE INSULATED WITH 3" THICK (3/4 TO 1 1/2LB/FT3) FIBERGLASS DUCT WRAP (MINIMUM R-8 INSTALLED).
2. FIBERGLASS DUCT WRAP SHALL HAVE FACTORY FOLJ JACKET. SEAL ALL SEAMS AND JOINTS WITH PRESSURE SENSITIVE TAPE MATCHING THE FACING, CLOTH DUCT TAPE IS NOT ACCEPTABLE. WHERE RECTANGULAR DUCTS ARE 24" IN WIDTH OR GREATER, DUCT WRAP SHALL BE ADDITIONALLY SECURED TO THE BOTTOM OF THE DUCT WITH PUSH PINS AND SPEED WASHERS, SPACED ON 18" CENTERS. EXTERNAL INSULATION IS NOT REQUIRED WHERE DUCTWORK IS INTERNALLY LINED.
3. THE FIRST 15 FEET OF SUPPLY AND RETURN DUCTWORK DOWN & UP STREAM FROM AIR HANDLING EQUIPMENT SHALL BE INTERNALLY LINED. ALL EXTERIOR SUPPLY AND RETURN DUCTWORK SHALL BE LINED. ALL DUCTWORK EXPOSED IN FINISH SPACES SHALL BE INTERNALLY LINED. LINER SHALL BE NON-FLAKING COATED FIBERGLASS. DUCT DIMENSIONS INDICATED ON THE DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
4. DUCTLINER WITHIN THE INSULATED BUILDING ENVELOPE SHALL BE 1-1/2" THICK, 2LB/FT3 DENSITY OR 1" THICK, 3LB/FT3 DENSITY (MINIMUM R-6 INSTALLED). DUCTLINER OUTSIDE THE INSULATED BUILDING ENVELOPE (CRAWLSPACE, UNINSULATED ATTIC, EXTERIOR OR SIMILAR) SHALL BE 2" THICK, 2LB/FT3 DENSITY (MINIMUM R-8 INSTALLED).
5. INSULATE FITTINGS, JOINTS, AND VALVES WITH INSULATION OF LIKE MATERIAL AND THICKNESS AS ADJOINING PIPE. PROVIDE REMOVABLE INSULATION SECTIONS TO COVER PARTS OF EQUIPMENT WHICH MUST BE OPENED PERIODICALLY FOR MAINTENANCE; INCLUDE METAL VESSEL COVERS, FASTENERS, FLANGES, CHILLED WATER PUMPS, FRAMES AND ACCESSORIES. FINISH WITH GLASS CLOTH OR PVC FITTING COVERS.















1. ALL PACKAGED EQUIPMENT SHALL BE INDEPENDENTLY THIRD PARTY LABELED AS A SYSTEM FOR ITS INTENDED USE BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) IN ACCORDANCE WITH OSHA FEDERAL REGULATIONS 29CFR1910.303 AND .399, AS WELL AS NFPA PAMPHLET NO. 70, AND THE NATIONAL ELECTRICAL CODE (NEC), ARTICLE 90-7.
2. MAKE ALL FINAL EQUIPMENT CONNECTIONS AND PROVIDE THE NECESSARY ADAPTORS, FITTINGS, VALVES, DEVICES, ETC. FOR A COMPLETE AND OPERABLE SYSTEM. PROVIDE COMPLETE WITH BASES, ISOLATORS, SUPPORTS AND OTHER REQUIRED ACCESSORIES.
3. EQUIPMENT SHALL BE INSTALLED IN FULL ACCORDANCE WITH THE MANUFACTURER'S DATA AND INSTALLATION INSTRUCTIONS, INCLUDING CLEARANCES; LUBRICATE AND ADJUST AS REQUIRED. IT IS THIS CONTRACTOR'S RESPONSIBILITY TO CHECK AND CONFORM TO THESE REQUIREMENTS PRIOR TO STARTING WORK FURNISH AND INSTALL CLEAN SET OF FILTERS PRIOR TO BALANCING.
4. THE CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS OF ALL MECHANICAL EQUIPMENT PRIOR TO ORDERING OF EQUIPMENT. COORDINATE REQUIREMENT FOR PROVISION OF MOTOR STARTERS, DISCONNECTS, CONTACTORS, CONTROL WIRING, ETC. AS REQUIRED FOR PROPER FUNCTIONING SYSTEM WITH ELECTRICAL CONTRACTOR. NO ADDITIONAL PAYMENT WILL BE MADE FOR LACK OF CONTRACTOR COORDINATION OF ELECTRICAL CHARACTERISTICS.

NOTE: THIS IS A STANDARD MECHANICAL LEGEND.  
SOME SYMBOLS MAY NOT APPEAR ON THE  
ACCOMPANYING DRAWINGS.





## DUCTWORK SYMBOLS

<u>SYMBOL</u>	<u>DESCRIPTION</u>
	HUMIDITISTAT
	THERMOSTAT
	AIR FLOW
	UNDERCUT DOOR
	SUPPLY AIR DIFFUSER
	RETURN AIR GRILLE
	EXHAUST AIR GRILLE
	ELBOW WITH DOUBLE THICKNESS TURNING VANES
	RECTANGULAR BRANCH TAKE-OFF
	BELL MOUTH BRANCH TAKE-OFF
	DUCT TRANSITION
	DUCT MOUNTED SMOKE DETECTOR




## PIPING SYMBOLS

SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER (POTABLE)
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRCULATION
	SANITARY BELOW FLOOR
	VENT
	CONDENSATE DRAIN
	PIPE DROP
	PIPE RISE
	PIPE CAP
	PIPE DROP TEE
	PIPE RISE TEE
	BALL VALVE
	UNION
	CHECK VALVE

## COMPONENTS AND SPECIALTIES

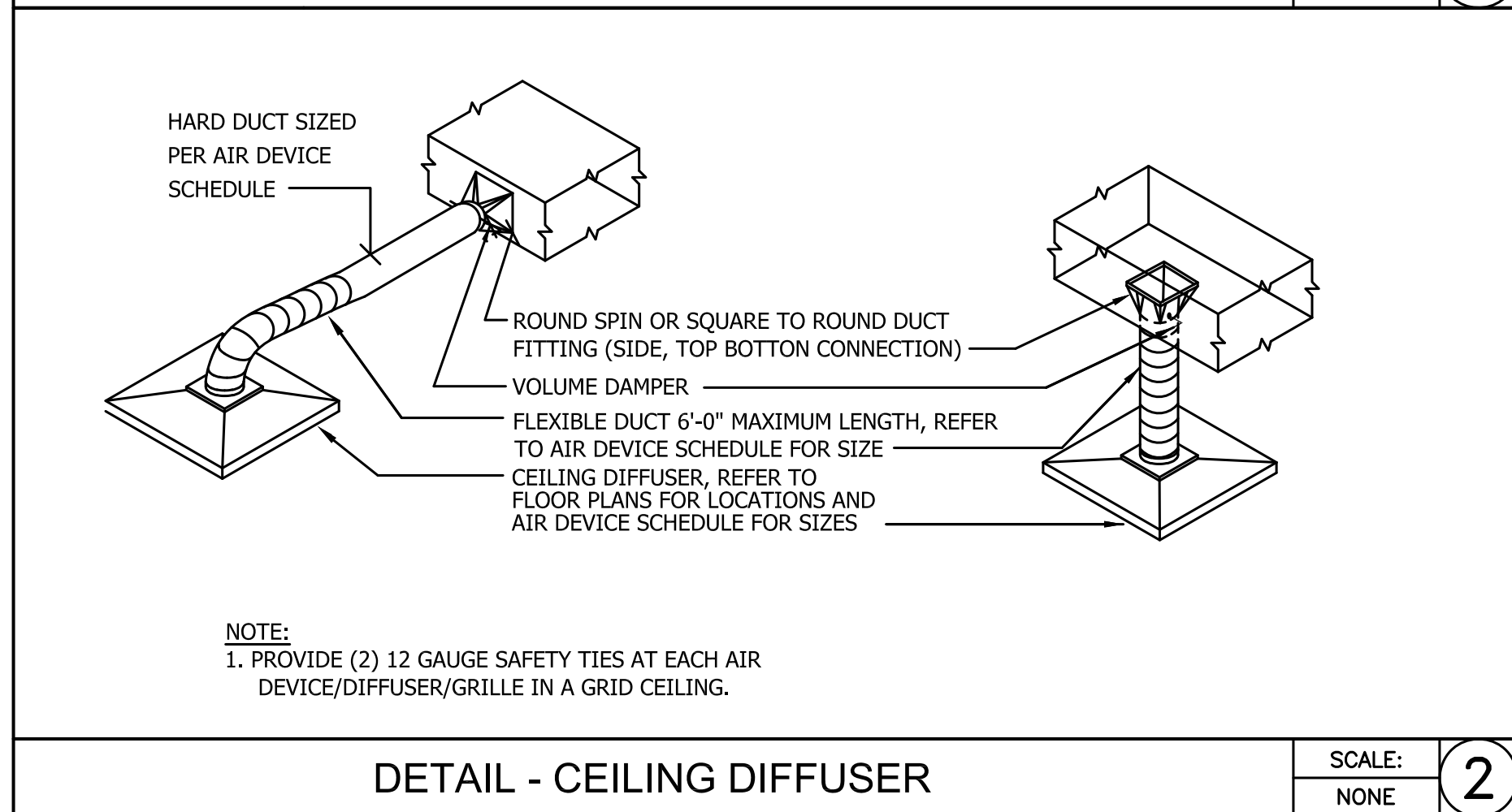
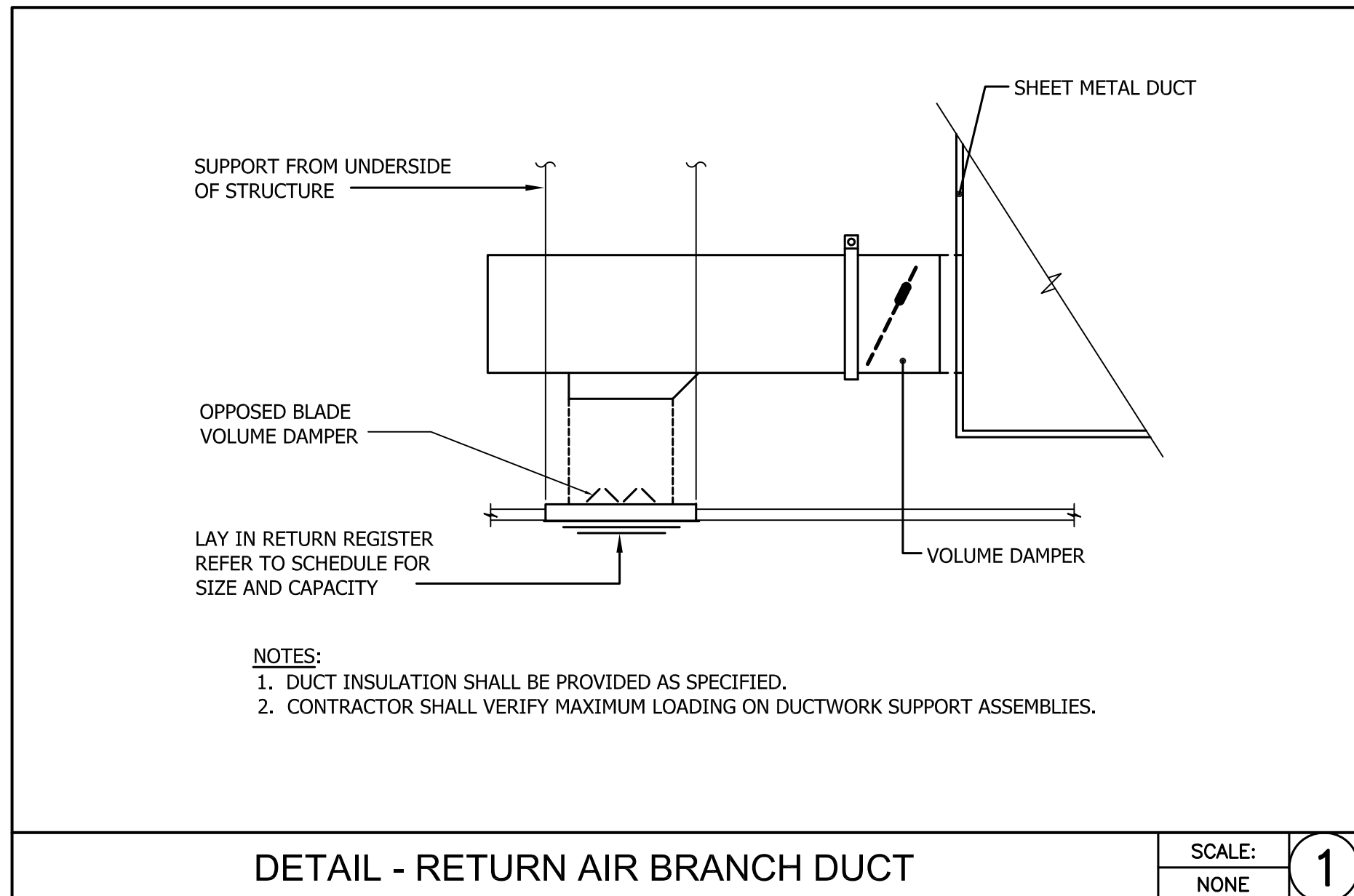
<u>SYMBOL</u>	<u>DESCRIPTIONS</u>
	CLEAN OUT
	FLOOR CLEAN OUT
	FLOOR DRAIN
	FLOOR DRAIN WITH TRAP PRIMING LINE

### REFERENCE SYMBOLS

<u>DESIGNATION</u>	<u>DESCRIPTION</u>
	NORTH ARROW
	POINT OF CONNECTION TO EXISTING
	POINT OF DISCONNECTION

### EQUIPMENT DESIGNATIONS

<u>DESIGNATION</u>	<u>DESCRIPTION</u>
<u>AHU-X</u>	AIR HANDLING UNIT DESIGNATION
<u>CD-X</u>	CEILING DIFFUSER DESIGNATION
<u>DHU-X</u>	DEHUMIDIFICATION UNIT DESIGNATION
<u>RR-X</u>	RETURN REGISTER DESIGNATION



AIR DEVICE SCHEDULE									
TYPE	No	DUTY	CFM	FACE/MODULE SIZE	NECK SIZE	BLOW	BASIS OF DESIGN KRUEGER (OR EQUAL)	DESCRIPTION	NOTES
CD	1	SUPPLY	0-100	24x24	6"Ø	4-WAY	5SHPCR	SUPPLY AIR GRILLE	1,2,3,4,5,6
CD	2	SUPPLY	101-250	24x24	8"Ø	4-WAY	5SHPCR	SUPPLY AIR GRILLE	1,2,3,4,5,6
CD	3	SUPPLY	251-400	24x24	10"Ø	4-WAY	5SHPCR	SUPPLY AIR GRILLE	1,2,3,4,5,6
RR	1	RETURN	0-400	24x24	10"Ø	-	56690	RETURN AIR GRILLE	1,2,3,4,5,6
<b>NOTES:</b> 1. PROVIDE BALANCING DAMPERS ON ALL SUPPLY AND RETURN DUCT TAKE-OFFS AND ON ALL SUPPLY. 2. VERIFY THE FINISHES OF ALL AIR DEVICES WITH ARCHITECT. 3. COORDINATE AND VERIFY AIR DEVICE FRAME TYPES WITH CEILING/WALL TYPES. 4. CONTRACTOR TO VERIFY QUANTITIES AND SIZES OF ALL AIR DEVICES. 5. CONTRACTOR TO COORDINATE ALL AIR DEVICE LOCATIONS WITH REFLECTED CEILING PLANS & SPRINKLER. 6. PROVIDE AIR DEVICE WITH WITH BALANCING DAMPER.									

DEHUMIDIFICATION UNIT SCHEDULE														
DESIG.	LOCATION	PERFORMANCE				ELECTRIC				UNIT DIMENSIONS (W x H x D)	WEIGHT (LBS)	BASIS OF DESING MANUFACTURER-MODEL-PART NO.	NOTES	
		WATER REMOVAL @80°F & 60%RH	EFFICIENCY (PINTS/KWH)	ENERGY FACTOR (L/KWH)	BLOWER (CFM) (@ 0.4" W.C.)	OPERATING TEMP. MIN./MAX. (°F)	POWER (WATTS)	SUPPLY VOLTAGE	CURRENT DRAW (AMPS)					CIRCUIT REQUIREMENT (AMPS)
DHU-1	MEZZANINE	155PINTS / 19.5GAL	7.1	3.35	360	34 / 105	810	120-1	10	15	14.35"x24"x29"	124	SANTA FE - ULTRA V155 - 4047300	2,4,5,6
DHU-2	MEZZANINE	155PINTS / 19.5GAL	7.1	3.35	360	34 / 105	810	120-1	10	15	14.35"x24"x29"	124	SANTA FE - ULTRA V155 - 4047300	2,4,5,6
DHU-3	MEZZANINE	155PINTS / 19.5GAL	7.1	3.35	360	34 / 105	810	120-1	10	15	14.35"x24"x29"	124	SANTA FE - ULTRA V155 - 4047300	2,4,5,6
DHU-4	CORRIDOR - 160	155PINTS / 19.5GAL	7.1	3.35	360	34 / 105	810	120-1	10	15	14.35"x24"x29"	124	SANTA FE - ULTRA V155 - 4047300	2,3,6
DHU-5A	CORRIDOR - 130	33PINTS / 4.125GAL	4.25	2.0	155	49 / 95	324	120-1	1.8	20	14.2"x30"x5.75"	121	SANTA FE - ULTRAMD33 - 4035900	6
DHU-5B	CORRIDOR - 130B	33PINTS / 4.125GAL	4.25	2.0	155	49 / 95	324	120-1	1.8	20	14.2"x30"x5.75"	121	SANTA FE - ULTRAMD33 - 4035900	6
DHU-6	BREAK ROOM - 123	33PINTS / 4.125GAL	4.25	2.0	155	49 / 95	324	120-1	1.8	20	14.2"x30"x5.75"	121	SANTA FE - ULTRAMD33 - 4035900	6
DHU-7	CONFERENCE - 154	33PINTS / 4.125GAL	4.25	2.0	155	49 / 95	324	120-1	1.8	20	14.2"x30"x5.75"	121	SANTA FE - ULTRAMD33 - 4035900	1,6
NOTES:														
1. PROVIDE SANTA FE SURFACE MOUNT KIT; PART NO. 4037766		3. PROVIDE SANTA FE HANG KIT (PART NO. 4044745).		5. PROVIDE SANTA FE CONDENSATE PUMP (PART NO. 4022220).										
2. PROVIDE WALL MOUNTED HUMIDISTAT		4. PROVIDE SANTA FE RISERS (PART NO. 4042109).		6. DEHUMIDIFIER SHALL OPERATE ON ITS FACTORY CONTROLS.										

This drawing and the information contained within is the exclusive property of Salisbury University. Consultants, vendors, service providers and others may use this information only with the expressed written consent of a University representative within Administrative Services. Users are fully responsible for verifying information and existing conditions prior to performing their work.

**SALISBURY UNIVERSITY**  
FACILITIES PLANNING & CAPITAL PROJECTS  
ARCHITECTURAL AND ENGINEERING SERVICES  
1101 CAMDEN AVENUE  
SALISBURY, MARYLAND 21801

# IT BUILDING DEHUMIDIFICATION

REVISIONS 

STATUS:

FOR  
CONSTRUCTION

ISSUE DATE:  
**APRIL 13, 2026**

SCALE:  
AS

DESIGN BY:  
JRP

CHECKED BY:  
HED

TRACKING NO.:  
SU-IT-27-26

DWG NAME:

MECHANICAL  
LEGEND, DETAILS  
SPECIFICATIONS &  
SCHEDULES

DWG. NO.:

**M-1**

2 OF 6

1. COORDINATE THE LOCATION OF ALL EQUIPMENT, PIPING AND DUCTWORK WITH ALL OTHER TRADES (PLUMBING, ELECTRICAL, ETC.) BEFORE INSTALLATION.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
3. PROVIDE ALL NEW EQUIPMENT WITH PHENOLIC ID TAGS TO IDENTIFY UNIT DESIGNATION, CONNECTED CIRCUIT, & REFRIGERANT TYPE.
4. MAINTAIN ALL REQUIRED SERVICE CLEARANCES WHEN INSTALLING NEW EQUIPMENT.

- ① 3/4" CONDENSATE TO NEW INDIRECT WASTE - INSTALL IN DRAIN BELOW SINK
- ② 3/4" CONDENSATE DISCHARGE TO (E)FLOOR DRAIN.
- ③ 10" SUPPLY AIR DUCT UP TO MEZZANINE.
- ④ 10" RETURN AIR DUCT UP TO MEZZANINE.
- ⑤ 8" SUPPLY AIR DUCT UP TO MEZZANINE.
- ⑥ 6" SUPPLY AIR DUCT UP TO MEZZANINE.

**SALISBURY UNIVERSITY**  
FACILITIES PLANNING & CAPITAL PROJECTS  
ARCHITECTURAL AND ENGINEERING SERVICES  
1101 CAMDEN AVENUE  
SALISBURY, MARYLAND 21801  
410 - 543 - 6215

REVISIONS 

STATUS:

FOR  
CONSTRUCTION

ISSUE DATE:  
**APRIL 13, 2026**

SCALE:  
AS NOTED

DESIGN BY:  
JRP

CHECKED BY:  
HED

TRACKING NO.:  
SU-IT-27-26

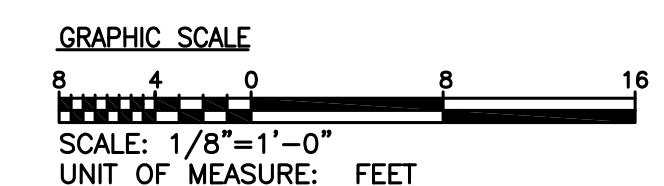
DWG NAME:

FIRST  
FLOOR PLAN  
MECHANICAL

DWG. NO.:

M-2

OF 6



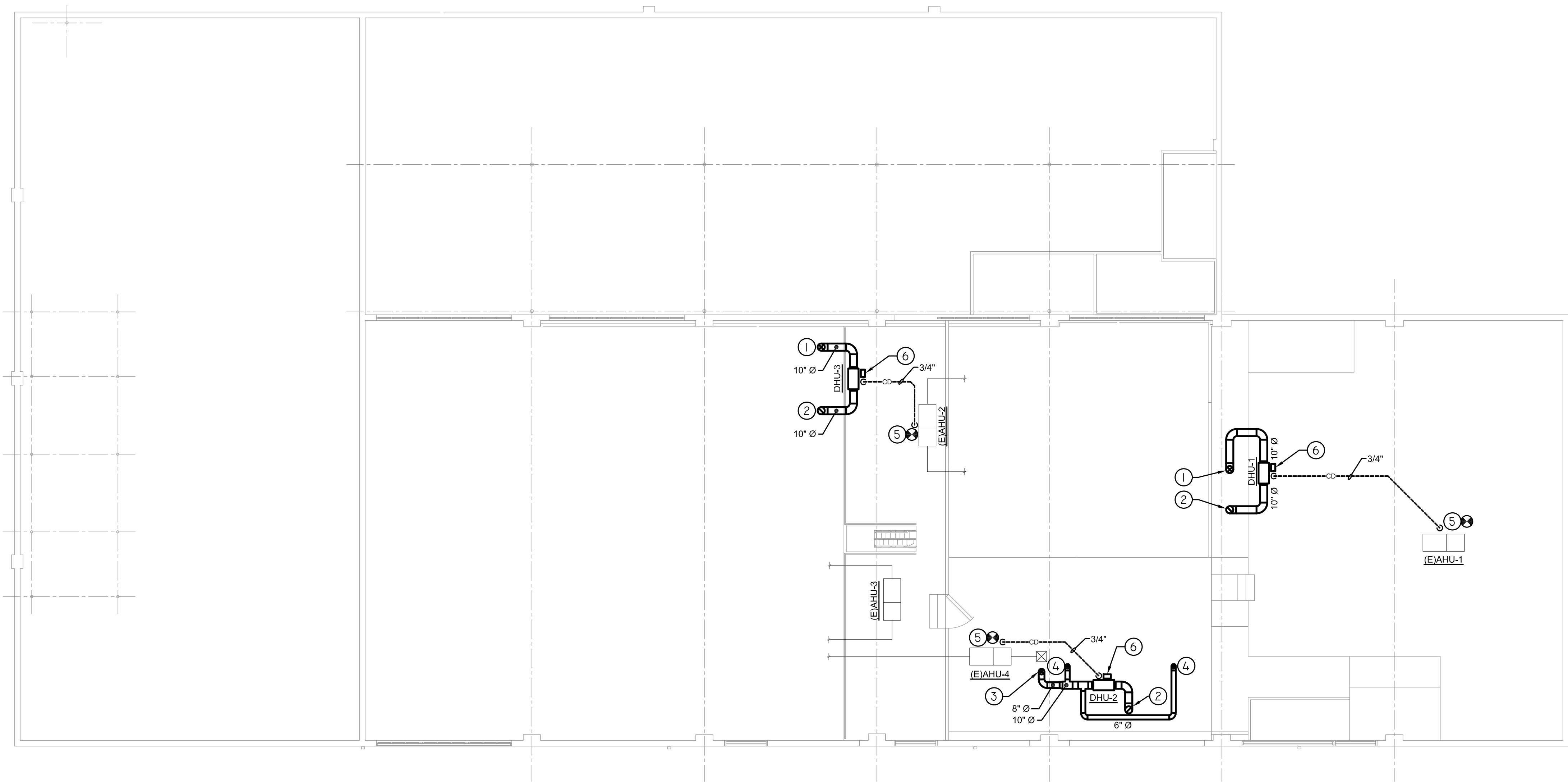


GENERAL NOTES:

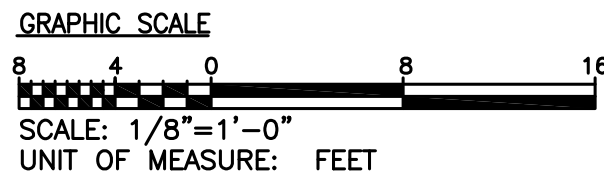
- COORDINATE THE LOCATION OF ALL EQUIPMENT, PIPING AND DUCTWORK WITH ALL OTHER TRADES (PLUMBING, ELECTRICAL, ETC.) BEFORE INSTALLATION.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
- PROVIDE ALL NEW EQUIPMENT WITH PHENOLIC ID TAGS TO IDENTIFY UNIT DESIGNATION, CONNECTED CIRCUIT, & REFRIGERANT TYPE.
- MAINTAIN ALL REQUIRED SERVICE CLEARANCES WHEN INSTALLING NEW EQUIPMENT.

DRAWING NOTES:

- 10"Ø SUPPLY AIR DUCT DOWN TO CEILING SPACE.
- 10"Ø RETURN AIR DUCT DOWN TO CEILING SPACE.
- 8"Ø SUPPLY AIR DUCT DOWN TO CEILING SPACE.
- 6"Ø SUPPLY AIR DUCT DOWN TO CEILING SPACE.
- CONNECT 3/4" CONDENSATE DRAIN INTO EXISTING AHU DRAIN LINE.
- PROVIDE WITH SANTA FE CONDENSATE PUMP KIT (PART NO. 4022220).



MEZZANINE PLAN - MECHANICAL  
SCALE: 1/8" = 1'-0"



This drawing and the information contained within is the exclusive property of Salisbury University. Consultants, vendors, service providers and others may use this information only with the expressed written consent of a University representative within Administrative Services. Users are fully responsible for verifying information and existing conditions prior to performing their work.

**SALISBURY UNIVERSITY**  
FACILITIES PLANNING & CAPITAL PROJECTS  
ARCHITECTURAL AND ENGINEERING SERVICES  
1101 CAMDEN AVENUE  
SALISBURY, MARYLAND 21801  
410-543-6215

IT BUILDING  
DEHUMIDIFICATION

REVISIONS

STATUS:

FOR  
CONSTRUCTION

ISSUE DATE:  
APRIL 13, 2026

SCALE:  
AS NOTED

DESIGN BY:  
JRP

CHECKED BY:  
HED

TRACKING NO.:  
SU-IT-27-26

DWG NAME:

MEZZANINE  
PLAN  
MECHANICAL

DWG. NO.:

M-3

4 OF 6

ELECTRICAL SPECIFICATIONS AND GENERAL REQUIREMENTS:

PART 1 – GENERAL

1.01 SCOPE OF WORK: FURNISH ALL LABOR, TOOLS AND MATERIALS INCLUDING ALL SPECIALTIES AND APPURTENANCES FOR INSTALLATION OF THE COMPLETELY TESTED AND OPERATING ELECTRICAL SYSTEM INDICATED HEREIN AND IN THE DRAWINGS. PROVIDE COMPLETE ELECTRICAL SYSTEMS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- A. ELECTRICAL MODIFICATION
- B. DEVICES, CIRCUIT BREAKERS IF NEEDED.
- C. CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS
- D. WIRING, BOXES & RACEWAYS

1.02 WORK PERFORMED AND MATERIAL PROVIDED SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (N.E.C.) AND ALL APPLICABLE LOCAL CODES. WORK SHALL BE EXECUTED IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES AND REGULATIONS OF LOCAL AND STATE AGENCIES HAVING JURISDICTION OVER THIS WORK. SUCH CODES SHALL TAKE PRECEDENCE OVER THE DRAWINGS.

1.03 ALL MATERIALS SHALL BE NEW, BEST OF THEIR KIND, FREE FROM DEFECTS AND LISTED BY UNDERWRITERS LABORATORIES, INC. (UL). CHECK

EQUIPMENT DIMENSIONS FOR ADEQUATE SPACE ALLOTMENT ON PROJECT.

1.04 ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE MAJOR COMPONENT, GENERAL LOCATION OF WORK AND SYSTEM. PROVIDE ALL REQUIRED EQUIPMENT FOR FULLY-OPERATIONAL SYSTEMS. COORDINATE WITH THE ARCHITECTURAL DRAWINGS, AND BE FAMILIAR WITH ALL CONDITIONS, NEW AND EXISTING, WHICH AFFECT THE WORK. VERIFY AND FIELD-CHECK ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF ANY WORK AND REVIEW THE DRAWINGS FOR ANY CONDITIONS WHICH AFFECT THIS WORK. EQUIPMENT LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

1.05 ALL WORK SHALL BE PERFORMED IN A NEAT AND GOOD WORKMANLIKE MANNER. GUARANTEE WORK AND WORKMANSHIP FOR A PERIOD STIPULATED BY PROJECT SPECIFICATION 01 70 00 EXECUTION AND CLOSE OUT REQUIREMENTS.

PART 2 – PRODUCTS

2.01 GENERAL: PRODUCT MANUFACTURERS AND COMPONENT MODEL NUMBERS ARE GIVEN TO ESTABLISH A LEVEL OF QUALITY AND PERFORMANCE AND ARE NOT INTENDED TO EXCLUDE EQUIVALENT PRODUCTS OF ALTERNATE MANUFACTURERS. ALTERNATE MANUFACTURERS OF EQUIVALENT

PRODUCTS WILL BE CONSIDERED UPON SUBMISSION AND APPROVAL BY THE OWNER OR ENGINEER.

2.02 USE EMT CONDUIT WITH SET-SCREW FITTINGS (OR TYPE MC CABLE WHERE APPROPRIATE). OUTDOORS, USE EMT WITH RAIN-TIGHT FITTINGS. FOR FINAL CONNECTIONS TO EXTERIOR EQUIPMENT, USE LIQUID-TIGHT FLEXIBLE METAL CONDUIT. MINIMUM CONDUIT SIZES SHALL BE 1" FOR COMMUNICATIONS AND 3/4" FOR ALL OTHER WIRING.

2.03 WIRE AND CABLE:  
A. UNLESS OTHERWISE NOTED, CONDUCTORS SHALL BE COPPER WITH THHN/THWN-2 600-VOLT INSULATION. MINIMUM WIRE SIZE SHALL BE #12 AWG.  
B. ON ROOFTOPS AND UNDERGROUND, PROVIDE XHHW-2.

2.04 EXISTING PANELBOARDS SHALL BE REUSED. PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED FOR NEW BRANCH CIRCUITING SHOWN. CIRCUIT BREAKERS SHALL BE MOLDED-CASE, THERMAL-MAGNETIC, QUICK-MAKE, QUICK-BREAK, BOLT-ON TYPE (UNLESS EXISTING PANEL ONLY ACCEPTS PLUG-ON). CIRCUIT BREAKERS SHALL BE RATED AT OR ABOVE EXISTING PANELBOARD FAULT CURRENT (AIC) RATING. IF SPACE IS NEEDED FOR NEW BREAKERS, REMOVE UNUSED BREAKERS AND TURN OVER TO OWNER.

2.05 DEVICES SHALL BE COMMERCIAL- OR SPECIFICATION-GRADE.

PART 3 – EXECUTION

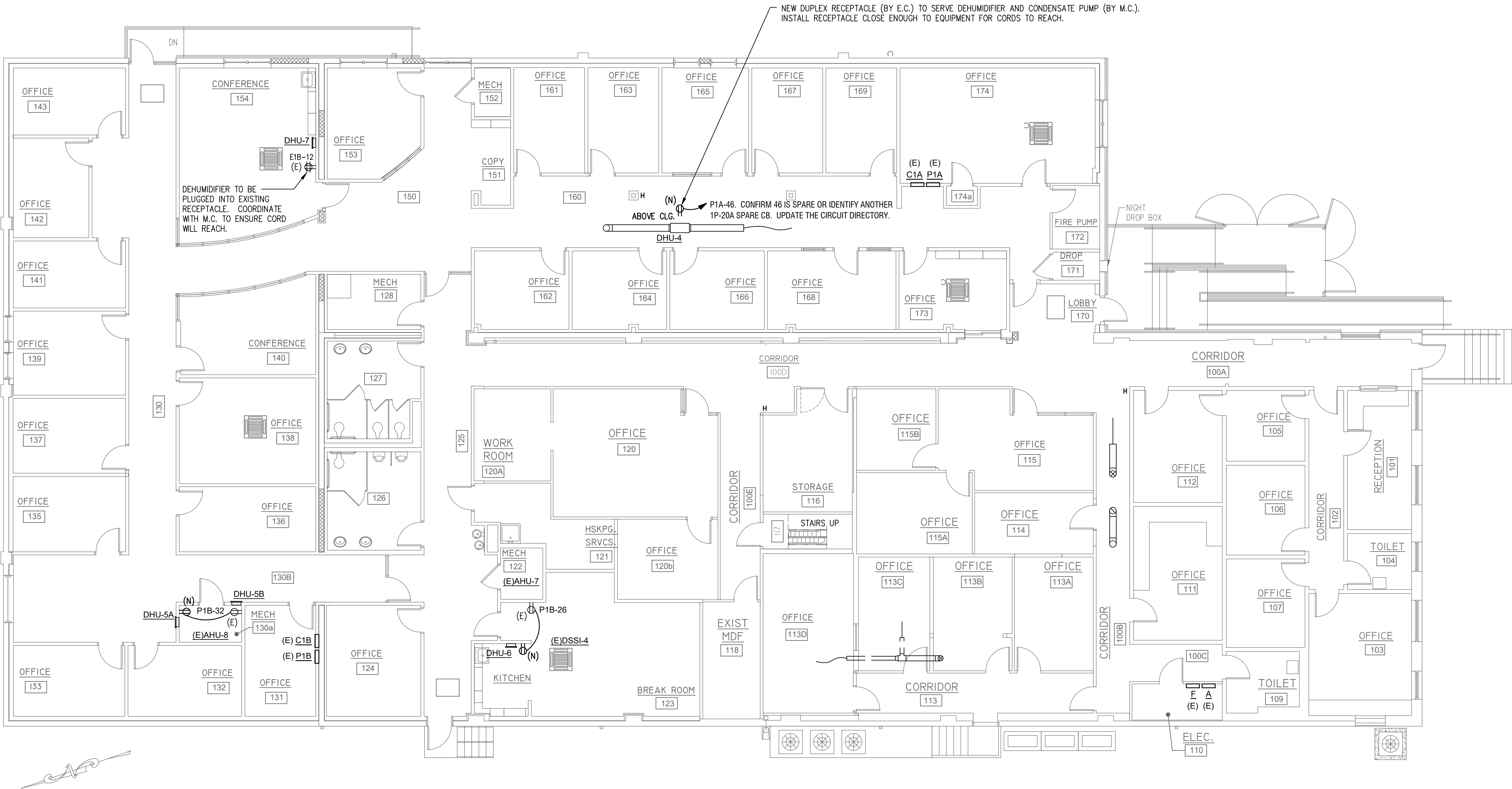
3.01 ALL EQUIPMENT AND SYSTEMS DESIGNS, INSTALLATIONS AND TESTING SHALL BE IN CONFORMANCE WITH APPLICABLE CODES, STANDARDS AND ORDINANCES, THE MANUFACTURER'S RECOMMENDATIONS, UTILITY REQUIREMENTS AND THE CRITERIA NOTED. COORDINATE WITH OTHER TRADES.

3.02 INSTALL CONDUITS AND CABLES PARALLEL AND PERPENDICULAR TO STRUCTURE. TEST CABLES FOR CONTINUITY AND GROUNDS.

3.03 WHEN REMOVING ITEMS, ALSO REMOVE ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE, UNLESS OTHERWISE NOTED.

3.04 LABEL ALL DEVICES WITH PANEL NAME & CIRCUIT NUMBER. (MACHINE PRINTED LABELS INDOORS, ENGRAVED PLASTIC OUTDOORS)

LEGEND	
	120-VOLT 20-AMP DUPLEX RECEPTACLE, NEMA 5-20R, WHITE w/ WHITE UNBREAKABLE FACEPLATE, MATCH MOUNTING HEIGHT OF NEARBY DEVICES
	120-VOLT 20-AMP DUPLEX GFCI RECEPTACLE, NEMA 5-20R, WHITE w/ WHITE UNBREAKABLE FACEPLATE (OR WEATHERPROOF WHILE-IN-USE COVER AS NOTED BY "WP"). MATCH MOUNTING HEIGHT OF NEARBY DEVICES
	HOMERUN TO PANEL & CIRCUIT NUMBER AS SHOWN, MC CABLE OR EMT CONDUIT WITH THHN/THWN-2 WIRES, 2#12 + #12 G. U.O.N. PROVIDE ALL GROUNDING & BONDING PER N.E.C.
CB	CIRCUIT BREAKER
G, GND	GROUND
(N)	NEW
(E)	EXISTING, TO REMAIN
(ER)	EXISTING, RELOCATING
(X)	DEMO / REMOVE EXISTING
A.F.F.	ABOVE FINISHED FLOOR
U.O.N.	UNLESS OTHERWISE NOTED
N.E.C.	NATIONAL ELECTRICAL CODE
A.I.C.	AMPS INTERRUPT CAPACITY
WP	WEATHERPROOF (WHILE-IN-USE COVER FOR OUTDOOR RECEPTACLES)
E.C.	ELECTRICAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR



This drawing and the information contained within is the exclusive property of Salisbury University. Consultants, vendors, service providers and others may use this information only with the expressed written consent of a University representative within Administrative Services. Users are fully responsible for verifying information and existing conditions prior to performing their work.

**SALISBURY UNIVERSITY**  
FACILITIES PLANNING & CAPITAL PROJECTS  
ARCHITECTURAL AND ENGINEERING SERVICES  
1101 CAMDEN AVENUE  
SALISBURY, MARYLAND 21801  
410 - 543 - 6215

IT BUILDING  
DEHUMIDIFICATION

REVISIONS

STATUS:

100%  
CONSTRUCTION  
DOCUMENTS

ISSUE DATE:  
APRIL 13, 2026

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

DESIGN BY:  
RAR

CHECKED BY:  
HED

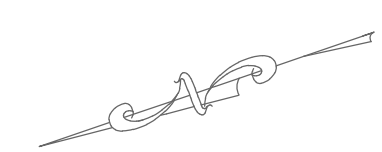
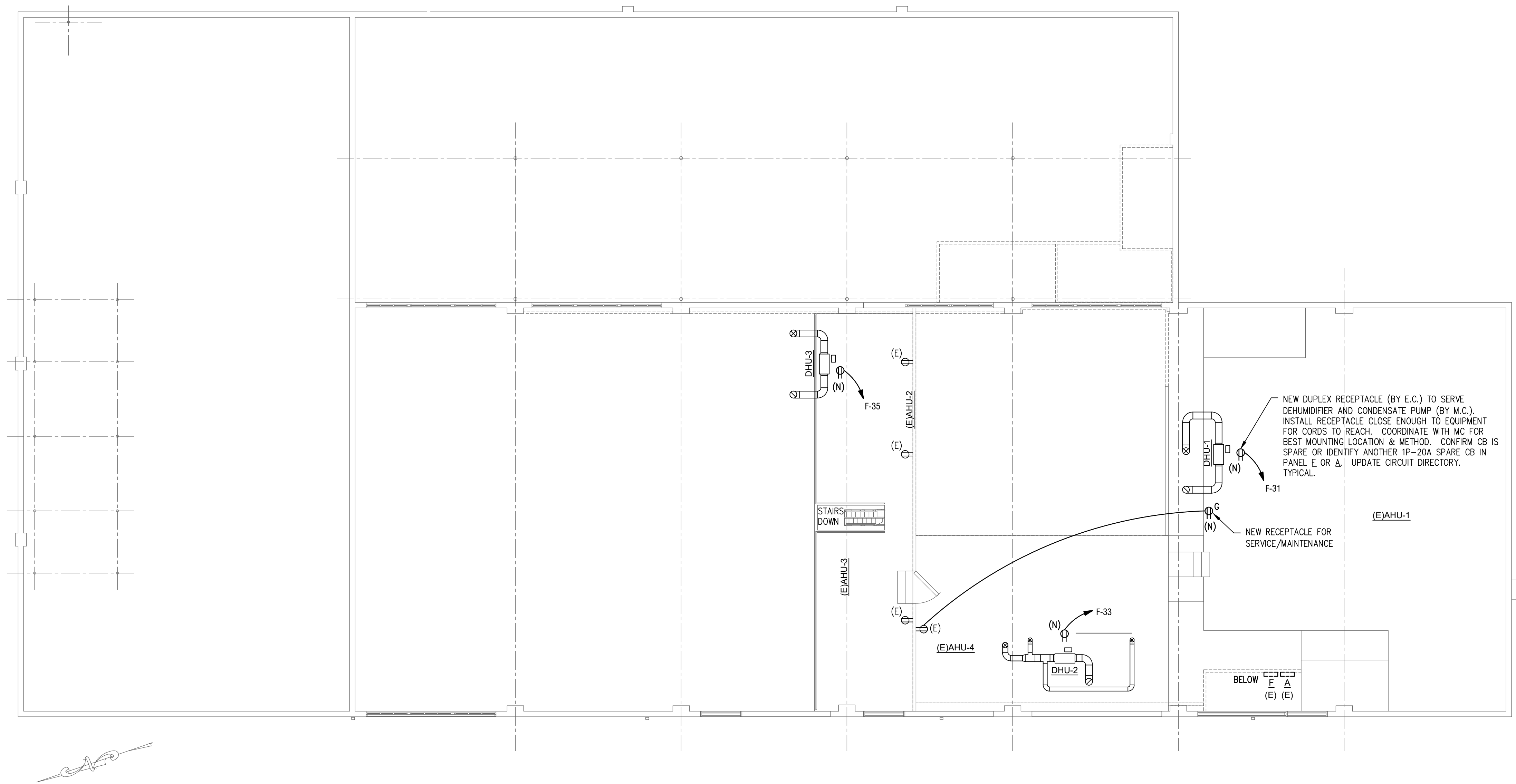
TRACKING NO.:  
SU-IT-27-26

DWG NAME:

FIRST FLOOR  
PLAN  
ELECTRICAL

DWG. NO.:

5 OF 6



This drawing and the information contained within is the exclusive property of Salisbury University. Consultants, vendors, service providers and others may use this information only with the expressed written consent of a University representative within Administrative Services. Users are fully responsible for verifying information and existing conditions prior to performing their work.

**SALISBURY UNIVERSITY**  
FACILITIES PLANNING & CAPITAL PROJECTS  
ARCHITECTURAL AND ENGINEERING SERVICES  
1101 CAMDEN AVENUE  
SALISBURY, MARYLAND 21801  
410 - 543 - 6215

IT BUILDING  
DEHUMIDIFICATION

REVISIONS

STATUS:  
**100%  
CONSTRUCTION  
DOCUMENTS**

ISSUE DATE:  
**APRIL 13, 2026**  
SCALE:  
1/8" = 1'-0"

DESIGN BY:  
RAR

CHECKED BY:  
HED

TRACKING NO.:  
SU-IT-27-26

DWG NAME:  
**MEZZANINE  
PLAN  
ELECTRICAL**

DWG. NO.:  
**6** OF **6**