

ADDENDUM NUMBER 2

Date: June 21, 2022

Re: North Brunswick High School HVAC
South Brunswick High School HVAC
West Brunswick High School HVAC
Brunswick County Schools
Proj. Number: PC21P0006

MDI Proj. No.: 213763

Submitted By: Danny Wilds, PE, LEED AP
Mechanical Design, Inc.
4403 Broad River Road
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(803)730-0016 | danny@mdi9834.com

The following items take precedence over referenced portions of the Contract Documents for the referenced project dated March 23, 2022 and, in executing a contract, shall become a part thereof.

Where any item called for in the documents is supplemented hereby, the original requirements shall remain in effect. All supplemental conditions shall be considered as added thereto.

Where any original item is amended, voided, or superseded hereby, the provision of such items not so specifically amended, voided, or superseded shall remain in effect.

Drawings:

1. Refer to drawing M001A Control Valve Schedules for all (3) high schools
2. Refer to North Brunswick High School drawings M101A (Area "A") and M102A (Area "B"). Remove existing control valves complete, and replace with new control valves furnished by automatic temperature controls company as noted on the Control Valve Replacement Schedule on M001A. Applicable equipment on these (2) drawings are clouded.
3. Refer to North Brunswick High School drawing M103A, areas "C", "D", "E", and "F". Remove existing control valves complete, and replace with new control valves furnished by automatic temperature controls company as noted on the Control Valve Replacement Schedule on M001A.
4. Refer to South Brunswick High School drawings M101A (Area "A") and M102A (Area "B"). Remove existing control valves complete, and replace with new control valves furnished by automatic temperature controls company as noted on the Control Valve Replacement Schedule on M001A. Applicable equipment on these (2) drawings are clouded.
5. Refer to South Brunswick High School drawing M103A, areas "C", "D", "F", and "H". Remove existing control valves complete, and replace with new control valves furnished by automatic temperature controls company as noted on the Control Valve Replacement Schedule on M001A.
6. Refer to West Brunswick High School drawings M101A (Area "A"), M102A (Area "B") and M103A (Area "F"). Remove existing control valves complete, and replace with new control valves furnished by automatic temperature controls company as noted on the Control Valve Replacement Schedule on M001A. Applicable equipment on these (2) drawings are clouded.

7. Refer to West Brunswick High School drawing M104A, areas "C", "D", "E", "G" and "I". Remove existing control valves complete, and replace with new control valves furnished by automatic temperature controls company as noted on the Control Valve Replacement Schedule on M001A.
8. Refer to M301 Mechanical Specifications for all (3) high schools, paragraphs 2.0, 2.1, 2.2, 2.3, and 2.4 addressing seismic submittals. Seismic calculations shall be based on an SDC of "C".
9. Refer to M301 Mechanical Specifications for all (3) high schools, paragraph 6.3 piping. Provide a Deduct Alternate #1 to provide ProPress Fitting (or approved equal) for chilled water and hot water piping for pipes 2" and smaller.
10. Refer to M301 Mechanical Specifications for all (3) high schools, paragraph 6.3 piping. Provide a Deduct Alternate #2 to provide coil hose kits on new unit ventilators and fan coil units. Demolish hot water and chilled water piping to limits required for demolition of existing unit ventilators and fan coil units. Provide and install pre-packaged insulated coil hose kits for new unit ventilators and fan coil units. Insulate remaining specialties and exposed piping.
11. Refer to M301 Mechanical Specifications for all (3) high schools, paragraph 6.3 piping. Provide a Deduct Alternate #3 to provide pre-insulated copper linesets for VRF refrigerant piping between heat recovery branch circuit controller box and terminal indoor units.
12. Refer to M301 Mechanical Specifications for all (3) high schools, paragraph 6.3 piping. Provide a Deduct Alternate #4 to provide Zoomlock Fittings (or approved equal) for VRF refrigerant piping between outdoor condensing units and heat recovery branch circuit controller boxes.

Attachments:

M001A - Control Valve Replacement Schedules

M101A - North Brunswick High School - HVAC Renovation Floor Plan - Area "A"

M102A - North Brunswick High School - HVAC Renovation Floor Plan - Area "B"

M103A - North Brunswick High School - HVAC Renovation Floor Plans - Areas "C", "D", "E", and "F"

M101A - South Brunswick High School - HVAC Renovation Floor Plan - Area "A"

M102A - South Brunswick High School - HVAC Renovation Floor Plan - Area "B"

M103A - South Brunswick High School - HVAC Renovation Floor Plans - Areas "C", "D", "F", and "H"

M101A - West Brunswick High School - HVAC Renovation Floor Plan - Area "A"

M102A - West Brunswick High School - HVAC Renovation Floor Plan - Area "B"

M103A - West Brunswick High School - HVAC Renovation Floor Plan - Area "F"

M104A - West Brunswick High School - HVAC Renovation Floor Plans - Areas "C", "D", "E", "G" and "I"

END OF ADDENDUM NO. 2

THIS DRAWING IS THE PROPERTY OF SCHNEIDER ELECTRIC AND SUBJECT TO RETURN UPON REQUEST. IT IS NOT TO BE COPIED OR REPRODUCED NOR IS IT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS FURNISHED, WITHOUT THE WRITTEN CONSENT OF SCHNEIDER ELECTRIC.

CONTROL VALVE REPLACEMENT SCHEDULE ①②③											
NORTH BRUNSWICK HIGH SCHOOL											
MARK	REFERENCE DRAWING	LOCATION	CHILLED WATER VALVE				HOT WATER VALVE				
			GPM	RUNOUT PIPE SIZE	VALVE SIZE (6)	2-WAY OR 3-WAY	GPM	RUNOUT PIPE SIZE	VALVE SIZE (6)	2-WAY OR 3-WAY	
AHU-1	M101A (5)	AREA "A"	22	1-1/2"	1"	3-WAY	12.5	1-1/4"	1"	3-WAY	
AHU-2	M101A (5)	AREA "A"	36	2"	1"	2-WAY	18	1-1/2"	3/4"	2-WAY	
AHU-3	M103A (4)	AREA "C"	84	3"	1-1/2"	2-WAY	40	2"	1-1/2"	2-WAY	
AHU-4	M103A (4)	AREA "C"	84	3"	1-1/2"	2-WAY	40	2"	1-1/2"	2-WAY	
AHU-5	M103A (4)	AREA "C"	16	1-1/2"	1"	3-WAY	8.5	1-1/4"	3/4"	3-WAY	
AHU-6	M103A (4)	AREA "C"	16	1-1/2"	1"	3-WAY	8.5	1-1/4"	3/4"	3-WAY	
AHU-7	M103A (4)	AREA "D"	24	2"	1-1/4"	2-WAY	13	1-1/4"	3/4"	2-WAY	
AHU-8	M103A (4)	AREA "D"	11	1-1/4"	1"	2-WAY	5	1"	3/4"	2-WAY	
AHU-9	M103A (4)	AREA "D"	19	1-1/2"	1"	2-WAY	9	1-1/4"	3/4"	2-WAY	
AHU-10	M103A (4)	AREA "D"	8.5	1-1/4"	3/4"	2-WAY	4.5	1"	3/4"	2-WAY	
AHU-11	M103A (4)	AREA "E"	32	2"	1"	2-WAY	16	1-1/2"	3/4"	2-WAY	
AHU-12	M103A (4)	AREA "E"	7.5	1"	3/4"	2-WAY	4	1"	3/4"	2-WAY	
AHU-13	M103A (4)	AREA "E"	14	1-1/4"	3/4"	2-WAY	6.5	1"	3/4"	2-WAY	
AHU-14	M103A (4)	AREA "E"	11	1-1/4"	3/4"	2-WAY	5.5	1"	3/4"	2-WAY	
AHU-15	M103A (4)	AREA "E"	11	1-1/4"	3/4"	2-WAY	5.5	1"	3/4"	2-WAY	
AHU-16	M103A (4)	AREA "E"	11	1-1/4"	3/4"	2-WAY	5	1"	3/4"	2-WAY	
AHU-17	M103A (4)	AREA "E"	11	1-1/4"	3/4"	2-WAY	5	1"	3/4"	2-WAY	
AHU-18	M103A (4)	AREA "E"	11	1-1/4"	3/4"	2-WAY	5.5	1"	3/4"	2-WAY	
AHU-19	M103A (4)	AREA "E"	11	1-1/4"	3/4"	2-WAY	6	1"	3/4"	2-WAY	
AHU-20	M103A (4)	AREA "F"	4	1"	1"	2-WAY	2.5	3/4"	3/4"	2-WAY	
AHU-21	M103A (4)	AREA "F"	12	1-1/4"	3/4"	2-WAY	6.25	1"	3/4"	2-WAY	
AHU-22	M103A (4)	AREA "F"	12	1-1/4"	3/4"	2-WAY	6.25	1"	3/4"	2-WAY	
AHU-23	M103A (4)	AREA "F"	13.5	1-1/4"	3/4"	2-WAY	7.25	1-1/4"	3/4"	2-WAY	
AHU-24	M103A (4)	AREA "F"	9	1-1/4"	3/4"	2-WAY	5.5	1"	3/4"	2-WAY	
AHU-25	M103A (4)	AREA "F"	21	1-1/2"	1"	3-WAY	12	1-1/4"	1"	3-WAY	
AHU-26	M103A (4)	AREA "F"	12	3"	2"	2-WAY	34	2"	1"	2-WAY	
AHU-27	M103A (4)	AREA "F"	20	1-1/2"	1"	3-WAY	11	1-1/4"	1"	3-WAY	
BCAHU-1	M101A (5)	AREA "A"	27	1-1/2"	1-1/4"	2-WAY	9	1-1/4"	3/4"	2-WAY	
UV-1	M103A (4)	AREA "D"	8	1-1/2"	1-1/4"	2-WAY	9	1-1/4"	3/4"	2-WAY	
UV-2	M103A (4)	AREA "D"	8	1-1/2"	1-1/4"	2-WAY	9	1-1/4"	3/4"	2-WAY	
UV-8	M101A (5)	AREA "A"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-9	M101A (5)	AREA "A"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-10	M102A (5)	AREA "B"	8	1"	1/2"	2-WAY	4	1"	1/2"	2-WAY	
UV-11	M102A (5)	AREA "B"	8	1"	1/2"	2-WAY	4	1"	1/2"	2-WAY	
UV-12	M102A (5)	AREA "B"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-27	M103A (4)	AREA "D"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-28	M103A (4)	AREA "D"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-29	M103A (4)	AREA "D"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-30	M103A (4)	AREA "D"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
FC-1	M102A (5)	AREA "A"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-2	M102A (5)	AREA "A"	2	3/4"	1/2"	2-WAY	1	3/4"	1/2"	2-WAY	
FC-3	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-4	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-5	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-6	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-7	M102A (5)	AREA "B"	125	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-8	M102A (5)	AREA "B"	125	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-9	M102A (5)	AREA "B"	125	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-10	M102A (5)	AREA "B"	125	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-11	M102A (5)	AREA "B"	1	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-12	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-13	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	

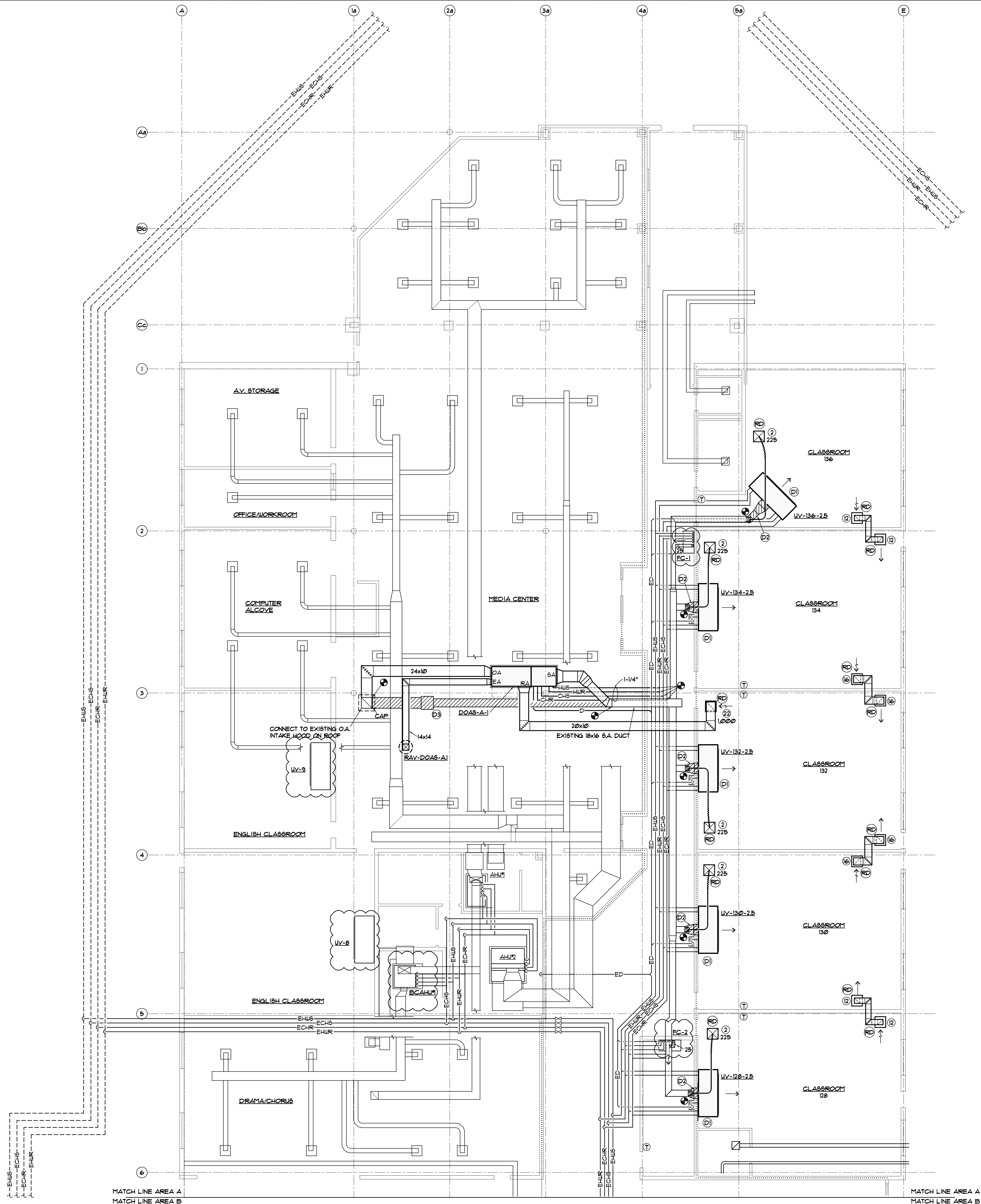
- REMOVE CHILLED WATER AND HOT WATER CONTROL VALVES COMPLETE. REPLACE CHILLED WATER AND HOT WATER CONTROL VALVES AS NOTED.
- AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR SHALL WIRE, PROGRAM AND COMMISSION ALL NEW VALVES FOR COMPLETE OPERATION.
- THE CHILLED WATER AND HOT WATER FLOWS SHALL BE BALANCED TO THE WATER FLOW (GPM) NOTED AFTER VALVE INSTALLATION IS COMPLETE. THE TESTING AND BALANCING SHALL BE PERFORMED BY AN AABC OR NEBB CERTIFIED TEST AND BALANCE COMPANY. THE TESTING AND BALANCING REPORT SHALL BE IN ACCORDANCE WITH AABC OR NEBB CERTIFICATION STANDARDS.
- INCLUDED WITH ADDENDUM NO. 2.
- RE-ISSUED WITH ADDENDUM NO. 2. UNITS AND TAGS ARE CLOUDED.
- AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR SHALL VERIFY VALVE SIZE BASED ON GPM NOTED AND 3 PSI TO 5 PSI PRESSURE DROP. AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR TO NOTIFY MECHANICAL CONTRACTOR OF ANY VALVE SIZE CHANGES FROM VALVE VERIFICATION. AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR TO NOTIFY MECHANICAL CONTRACTOR OF ANY VALVE SIZE CHANGES FROM VALVE VERIFICATION.

CONTROL VALVE REPLACEMENT SCHEDULE ①②③											
SOUTH BRUNSWICK HIGH SCHOOL											
MARK	REFERENCE DRAWING	LOCATION	CHILLED WATER VALVE				HOT WATER VALVE				
			GPM	RUNOUT PIPE SIZE	VALVE SIZE (6)	2-WAY OR 3-WAY	GPM	RUNOUT PIPE SIZE	VALVE SIZE (6)	2-WAY OR 3-WAY	
AHU-1	M101A (5)	AREA "A"	22	1-1/2"	1"	3-WAY	12.5	1-1/4"	1"	3-WAY	
AHU-2	M101A (5)	AREA "A"	48	2"	1"	2-WAY	24	1-1/2"	1"	2-WAY	
AHU-3	M103A (4)	AREA "C"	79.1	3"	1-1/2"	2-WAY	36.3	2"	1"	2-WAY	
AHU-4	M103A (4)	AREA "C"	79.1	3"	1-1/2"	2-WAY	36.3	2"	1"	2-WAY	
AHU-5	M103A (4)	AREA "C"	16	1-1/2"	1"	2-WAY	8.5	1-1/4"	3/4"	2-WAY	
AHU-6	M103A (4)	AREA "C"	16	1-1/2"	1"	2-WAY	8.5	1-1/4"	3/4"	2-WAY	
AHU-7	M103A (4)	AREA "C"	43	2-1/2"	1-1/2"	2-WAY	20	1-1/2"	1"	2-WAY	
AHU-8	M103A (4)	AREA "D"	24	2"	1"	2-WAY	13	1-1/4"	3/4"	2-WAY	
AHU-9	M103A (4)	AREA "D"	32.2	2"	1-1/4"	2-WAY	16	1-1/2"	1"	2-WAY	
AHU-10	M103A (4)	AREA "D"	23	1-1/2"	1"	2-WAY	12	1-1/4"	3/4"	2-WAY	
AHU-11	M103A (4)	AREA "D"	7.4	1-1/4"	3/4"	2-WAY	4.5	1"	3/4"	2-WAY	
AHU-12	M103A (4)	AREA "D"	20	1-1/2"	1"	2-WAY	12	1-1/4"	3/4"	2-WAY	
AHU-13	M103A (4)	AREA "D"	25	2"	1"	2-WAY	13	1-1/4"	1"	2-WAY	
AHU-14	M103A (4)	AREA "E"	48.3	2"	1"	2-WAY	18.5	1-1/2"	1"	2-WAY	
AHU-15	M103A (4)	AREA "E"	20	1-1/2"	1"	3-WAY	11.5	1-1/4"	1"	3-WAY	
AHU-16	M103A (4)	AREA "E"	57	2-1/2"	1-1/2"	2-WAY	5	1"	3/4"	2-WAY	
AHU-17	M103A (4)	AREA "H"	12	1-1/4"	1"	3-WAY	6.5	1"	3/4"	3-WAY	
AHU-18	M103A (4)	AREA "H"	16.8	1-1/2"	1"	2-WAY	8.8	1-1/4"	3/4"	2-WAY	
AHU-19	M103A (4)	AREA "H"	11	1-1/4"	3/4"	2-WAY	5	1"	3/4"	2-WAY	
AHU-20	M103A (4)	AREA "H"	13.5	1-1/4"	3/4"	2-WAY	7.3	1-1/4"	3/4"	2-WAY	
AHU-21	M103A (4)	AREA "H"	21	1-1/2"	3/4"	2-WAY	10.3	1-1/4"	3/4"	2-WAY	
AHU-22	M103A (4)	AREA "H"	13.4	1-1/4"	3/4"	2-WAY	13.4	1"	3/4"	2-WAY	
AHU-23	M103A (4)	AREA "H"	15	1-1/2"	3/4"	2-WAY	8.5	1-1/4"	3/4"	2-WAY	
AHU-24	M103A (4)	AREA "H"	15.6	1-1/2"	1"	2-WAY	7.8	1-1/4"	3/4"	2-WAY	
AHU-25	M103A (4)	AREA "H"	15.6	1-1/2"	1"	2-WAY	7.8	1-1/4"	3/4"	2-WAY	
AHU-26	M103A (4)	AREA "H"	21	1-1/2"	3/4"	2-WAY	10.3	1-1/4"	3/4"	2-WAY	
AHU-27	M103A (4)	AREA "H"	13.5	1-1/4"	1"	2-WAY	7.3	1-1/4"	3/4"	2-WAY	
BCAHU-1	M101A (5)	AREA "A"	10	1-1/4"	1"	2-WAY	5	1"	3/4"	2-WAY	
BCAHU-2	M101A (5)	AREA "A"	8.5	1-1/4"	3/4"	2-WAY	4.3	1"	3/4"	2-WAY	
BCAHU-3	M101A (5)	AREA "A"	27	1-1/2"	1"	2-WAY	9	1-1/4"	3/4"	2-WAY	
UV-1	M102A (5)	AREA "B"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-23	M103A (4)	AREA "D"	8	1-1/2"	1-1/4"	2-WAY	9	1-1/4"	3/4"	2-WAY	
UV-24	M103A (4)	AREA "D"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-25	M103A (4)	AREA "D"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-26	M103A (4)	AREA "D"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
FC-1	M101A (5)	AREA "A"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-2	M101A (5)	AREA "A"	2	3/4"	1/2"	2-WAY	1	3/4"	1/2"	2-WAY	
FC-3	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-4	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-5	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-6	M102A (5)	AREA "B"	2	3/4"	1/2"	2-WAY	1	3/4"	1/2"	2-WAY	
FC-7	M102A (5)	AREA "B"	125	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-8	M102A (5)	AREA "B"	125	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-9	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-10	M102A (5)	AREA "B"	125	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-11	M102A (5)	AREA "B"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-12	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	
FC-13	M102A (5)	AREA "B"	2.5	3/4"	1/2"	2-WAY	125	3/4"	1/2"	2-WAY	

- REMOVE CHILLED WATER AND HOT WATER CONTROL VALVES COMPLETE. REPLACE CHILLED WATER AND HOT WATER CONTROL VALVES AS NOTED.
- AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR SHALL WIRE, PROGRAM AND COMMISSION ALL NEW VALVES FOR COMPLETE OPERATION.
- THE CHILLED WATER AND HOT WATER FLOWS SHALL BE BALANCED TO THE WATER FLOW (GPM) NOTED AFTER VALVE INSTALLATION IS COMPLETE. THE TESTING AND BALANCING SHALL BE PERFORMED BY AN AABC OR NEBB CERTIFIED TEST AND BALANCE COMPANY. THE TESTING AND BALANCING REPORT SHALL BE IN ACCORDANCE WITH AABC OR NEBB CERTIFICATION STANDARDS.
- INCLUDED WITH ADDENDUM NO. 2.
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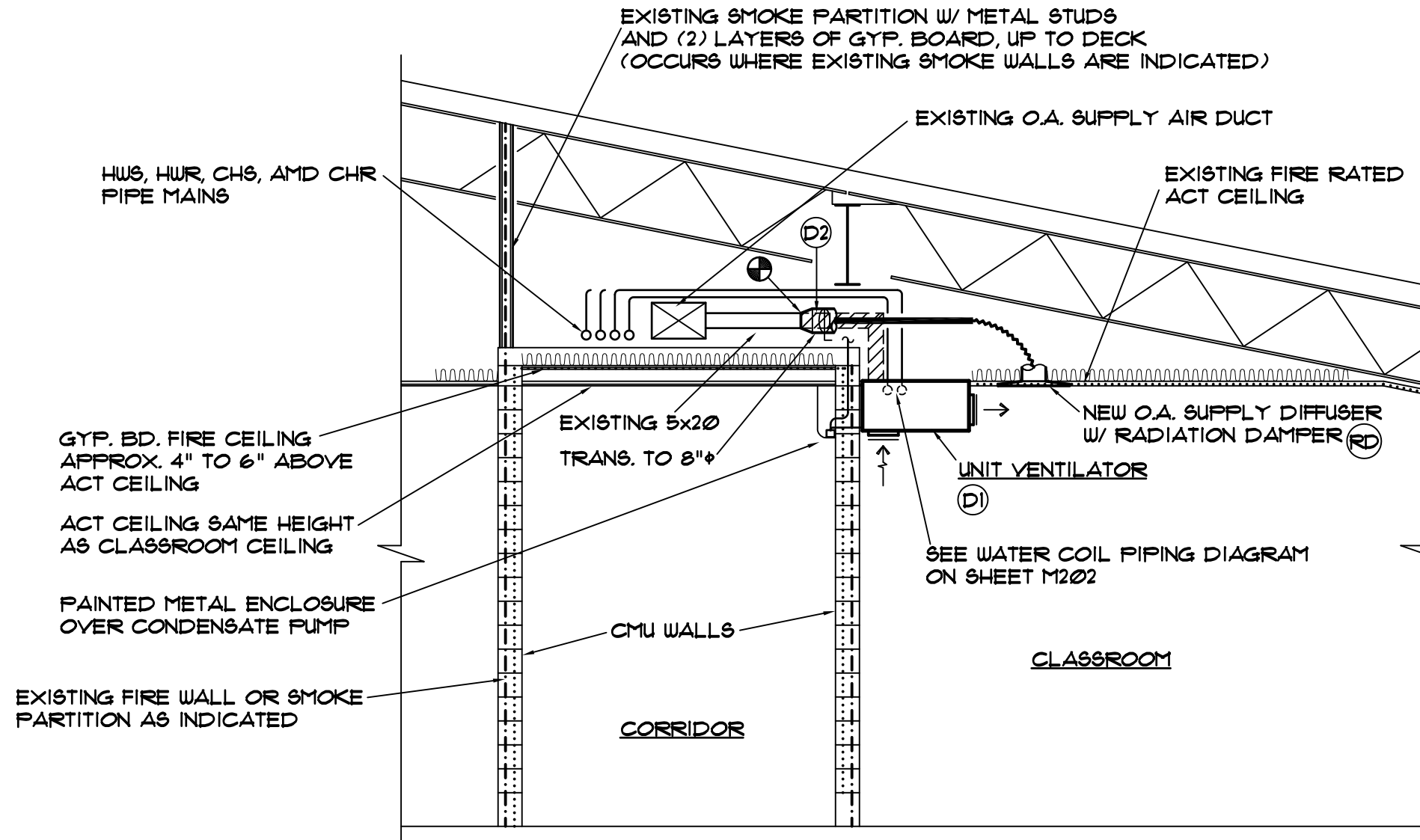
CONTROL VALVE REPLACEMENT SCHEDULE ①②③											
WEST BRUNSWICK HIGH SCHOOL											
MARK	REFERENCE DRAWING	LOCATION	CHILLED WATER VALVE				HOT WATER VALVE				
			GPM	RUNOUT PIPE SIZE	VALVE SIZE ⑥	2-WAY OR 3-WAY	GPM	RUNOUT PIPE SIZE	VALVE SIZE ⑥	2-WAY OR 3-WAY	
AHU-1	M101A ⑤	AREA "A"	22	1-1/2"	1"	3-WAY	12.5	1-1/4"	1"	3-WAY	
AHU-2	M101A ⑤	AREA "A"	36	2"	1"	2-WAY	18	1-1/2"	1"	2-WAY	
AHU-3	M104A ④	AREA "C"	47	2-1/2"	1-1/4"	2-WAY	24.5	2"	1"	2-WAY	
AHU-4	M104A ④	AREA "C"	33	2"	1"	2-WAY	17.5	1-1/2"	1"	2-WAY	
AHU-5	M104A ④	AREA "C"	43	2-1/2"	1-1/2"	3-WAY	20	1-1/2"	1"	3-WAY	
AHU-6	M104A ④	AREA "D"	84	3"	1-1/2"	2-WAY	40	2"	1"	2-WAY	
AHU-7	M104A ④	AREA "D"	84	3"	1-1/2"	2-WAY	40	2"	1"	2-WAY	
AHU-8	M104A ④	AREA "D"	16	1-1/2"	1"	2-WAY	8.5	1-1/4"	3/4"	2-WAY	
AHU-9	M104A ④	AREA "D"	16	1-1/2"	1"	2-WAY	9	1-1/4"	3/4"	2-WAY	
AHU-10	M104A ④	AREA "E"	24	2"	1"	2-WAY	13	1-1/4"	3/4"	2-WAY	
AHU-11	M104A ④	AREA "E"	19	1-1/2"	1"	2-WAY	9	1-1/4"	3/4"	2-WAY	
AHU-12	M104A ④	AREA "E"	14.5	1-1/4"	1"	2-WAY	7.25	1-1/4"	3/4"	2-WAY	
AHU-13	M104A ④	AREA "E"	8.5	1-1/4"	3/4"	2-WAY	4.5	1"	3/4"	2-WAY	
AHU-14	M104A ④	AREA "E"	12	1-1/4"	3/4"	2-WAY	6.5	1"	3/4"	2-WAY	
AHU-15	M104A ④	AREA "E"	9.5	1-1/4"	3/4"	2-WAY	5.25	1"	3/4"	2-WAY	
AHU-16	M104A ④	AREA "E"	9	1-1/4"	3/4"	2-WAY	5.25	1"	3/4"	2-WAY	
AHU-17	M104A ④	AREA "E"	7	1"	3/4"	2-WAY	3.5	3/4"	3/4"	2-WAY	
AHU-18	M104A ④	AREA "H"	100	3"	2-1/2"	2-WAY	45	2-1/2"	1-1/2"	2-WAY	
AHU-19	M104A ④	AREA "H"	20	1-1/2"	3/4"	2-WAY	11.5	1-1/4"	3/4"	2-WAY	
AHU-20	M104A ④	AREA "G"	11.5	1-1/4"	3/4"	2-WAY	5.5	1"	3/4"	2-WAY	
AHU-21	M104A ④	AREA "G"	13.5	1-1/4"	3/4"	2-WAY	6.25	1"	3/4"	2-WAY	
AHU-22	M104A ④	AREA "G"	11.5	1-1/4"	3/4"	2-WAY	5.5	1"	3/4"	2-WAY	
AHU-23	M104A ④	AREA "G"	13.5	1-1/4"	3/4"	2-WAY	6.25	1"	3/4"	2-WAY	
AHU-24	M104A ④	AREA "I"	16.5	1-1/2"	1"	2-WAY	8	1-1/4"	3/4"	2-WAY	
AHU-25	M104A ④	AREA "I"	16.5	1-1/2"	1"	2-WAY	8	1-1/4"	3/4"	2-WAY	
AHU-26	M104A ④	AREA "I"	15.5	1-1/2"	1"	2-WAY	7.5	1-1/4"	3/4"	2-WAY	
AHU-27	M104A ④	AREA "I"	28	2"	1"	2-WAY	13.5	1-1/4"	3/4"	2-WAY	
AHU-28	M104A ④	AREA "I"	26	2"	1"	2-WAY	12.5	1-1/4"	3/4"	2-WAY	
AHU-29	M104A ④	AREA "I"	18	1-1/2"	1"	2-WAY	8.75	1-1/4"	3/4"	2-WAY	
AHU-30	M104A ④	AREA "I"	28	2"	1-1/4"	2-WAY	13.5	1-1/4"	3/4"	2-WAY	
AHU-31	M104A ④	AREA "I"	26	2"	1-1/4"	2-WAY	12.5	1-1/4"	3/4"	2-WAY	
AHU-32	M104A ④	AREA "I"	31	2"	1-1/4"	2-WAY	15	1-1/4"	3/4"	2-WAY	
AHU-33	M104A ④	AREA "I"	18	1-1/2"	1"	2-WAY	8.75	1-1/4"	3/4"	2-WAY	
AHU-34	M104A ④	AREA "I"	15.5	1-1/2"	1"	2-WAY	7.5	1-1/4"	3/4"	2-WAY	
AHU-35	M104A ④	AREA "I"	36	2"	1-1/2"	3-WAY	18	1-1/2"	1"	3-WAY	
BCAHU-1	M101A ⑤	AREA "A"	13	1-1/4"	3/4"	2-WAY	6	1"	3/4"	2-WAY	
BCAHU-2	M101A ⑤	AREA "A"	27	1-1/2"	1"	2-WAY	9	1-1/4"	3/4"	2-WAY	
UV-18	M102A ⑤	AREA "B"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-19	M104A ④	AREA "E"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-20	M104A ④	AREA "E"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-21	M104A ④	AREA "E"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
UV-22	M104A ④	AREA "E"	13	1-1/4"	3/4"	2-WAY	6	1"	1/2"	2-WAY	
FC-1	M101A ⑤	AREA "A"	2.5	3/4"	1/2"	2-WAY	1.25	3/4"	1/2"	2-WAY	
FC-2	M101A ⑤	AREA "A"	2	3/4"	1/2"	2-WAY	1	3/4"	1/2"	2-WAY	
FC-3	M102A ⑤	AREA "B"	2.5	3/4"	1/2"	2-WAY	1.25	3/4"	1/2"	2-WAY	
FC-4	M102A ⑤	AREA "B"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-5	M102A ⑤	AREA "B"	2.5	3/4"	1/2"	2-WAY	1.25	3/4"	1/2"	2-WAY	
FC-6	M102A ⑤	AREA "B"	2.5	3/4"	1/2"	2-WAY	1.25	3/4"	1/2"	2-WAY	
FC-7	M102A ⑤	AREA "B"	1.25	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-8	M102A ⑤	AREA "B"	1.25	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-9	M102A ⑤	AREA "B"	1.25	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-10	M102A ⑤	AREA "B"	2.5	3/4"	1/2"	2-WAY	1.25	3/4"	1/2"	2-WAY	
FC-11	M102A ⑤	AREA "B"	1.25	3/4"	1/2"	2-WAY	0.75	3/4"	1/2"	2-WAY	
FC-12	M102A ⑤	AREA "B"	2.5	3/4"	1/2"	2-WAY	1.25	3/4"	1/2"	2-WAY	
FC-13	M102A ⑤	AREA "B"	2.5	3/4"	1/2"	2-WAY	1.25	3/4"	1/2"	2-WAY	
FC-14	M102A ⑤	AREA "B"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-15	M102A ⑤	AREA "B"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-16	M102A ⑤	AREA "B"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-17	M102A ⑤	AREA "B"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-18	M102A ⑤	AREA "B"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-19	M102A ⑤	AREA "B"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	
FC-20	M103A ⑤	AREA "F"	7	1"	1/2"	2-WAY	3.5	3/4"	1/2"	2-WAY	

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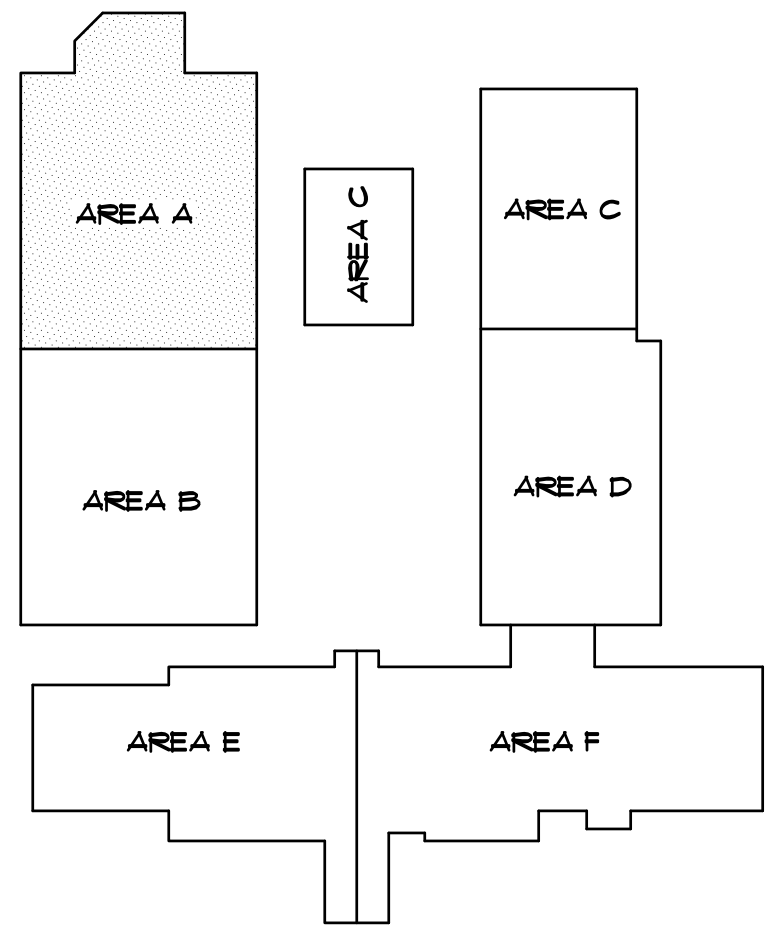
- DEMOLITION NOTES**
- D1 REMOVE HORIZONTAL CEILING MOUNTED CLASSROOM VENTILATOR COMPLETE INCLUDING CHILLED WATER AND HOT WATER RINGOUTS. POWER (SEE ELECTRICAL) TEMPERATURE CONTROLS AND HANGER SUPPORTS. REMOVE AND STORE BI-POLAR IONIZATION KITS, AND RE-USE IN NEW UNIT VENTILATORS. REMOVE CONDENSATE PUMPS COMPLETE INCLUDING INLET PIPING AND POWER (SEE ELECTRICAL). REPAIR OR REPLACE MOUNTING AS REQUIRED.
 - D2 REMOVE OUTSIDE AIR SUPPLY DUCT INDICATED BY HATCHING COMPLETE INCLUDING ASSOCIATED HANGER SUPPORTS.
 - D3 REMOVE INLINE OUTSIDE AIR SUPPLY FAN COMPLETE INCLUDING SUPPLY AIR DUCT NECESSARY FOR INSTALLATION OF NEW DOAS UNIT. POWER (SEE ELECTRICAL) CONTROLS AND HANGER SUPPORTS.
 - D4 REMOVE CHS, CHR, HUS, AND HUR PIPING ABOVE CEILING AS NECESSARY TO REPLACE WITH NEW CHS, CHR, HUS, AND HUR PIPING WITH SIZES AS NOTED. INSULATE NEW CHS, CHR, HUS, AND HUR PIPES AND REPAIR ALL DAMAGED INSULATION ON EXISTING PIPES AT
 - D5 REMOVE TRUNK DUCT INDICATED BY HATCHING AS REQUIRED FOR INSTALLATION OF NEW DOAS UNIT. REMOVAL SHALL INCLUDE DUCT HANGERS AND SUPPORTS.

CEILING NOTE
CONTRACTOR SHALL ASSUME NEW UNIT VENTILATORS ARE SMALLER THAN REMOVED UNIT VENTILATORS. PROVIDE FILLER GRID AND TILE AROUND NEW UNITS AS REQUIRED. TYPICAL FOR ALL NEW UNIT VENTILATORS



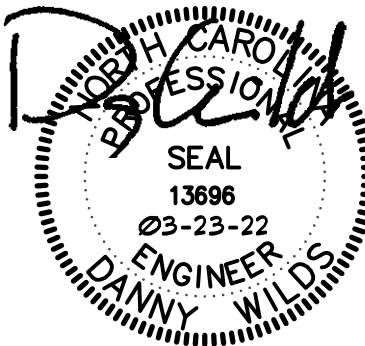
SECTION THRU MAIN CORRIDOR / CLASSROOM
SCALE: 1/4" = 1'-0" APPLIES TO SHEETS M101 AND M102

- FIRE & SMOKE WALL INDICATIONS**
- EXISTING ONE HOUR WALL
 - EXISTING SMOKE PARTITION SEALED TO DECK
- NOTES:**
- FIELD VERIFY RATED FLOOR AND WALL ASSEMBLY TYPES AND LOCATIONS.
 - SEAL ALL DUCT AND PIPE PENETRATIONS THROUGH SMOKE RATED WALL ASSEMBLIES WITH ANGLE AND CAULK.
 - PROVIDE UL RATED ASSEMBLIES ON ALL DUCT AND PIPE PENETRATIONS THROUGH RATED WALL ASSEMBLIES.



KEY PLAN
NO SCALE

HVAC RENOVATION FLOOR PLAN - AREA 'A'
SCALE: 1/8" = 1'-0"



SCHNEIDER ELECTRIC ENERGY SERVICES PROJECT
FOR
BRUNSWICK COUNTY SCHOOL DISTRICT
NORTH BRUNSWICK HIGH SCHOOL
114 SCORPIN DRIVE NE
LELAND, NC 28451

SHEET TITLE
PARTIAL HVAC FLOOR PLAN
AREA 'A' - ECM-3-1A
ADDENDUM NO. 2

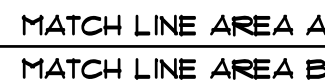
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SHEET NUMBER
M101A

SHT. OF

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150 West Crosby Road
Cerritos, CA 92625 USA

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⑩ REMOVE OUTSIDE AIR SUPPLY DUCT INDICATED BY HATCHING COMPLETE INCLUDING ASSOCIATED HANGER SUPPORTS.

⑪ REMOVE INLINE OUTSIDE AIR SUPPLY FAN COMPLETE INCLUDING EXISTING AIR FLOW MEASUREMENT, REMOVAL OF NEW COAS UNIT, PUMPER (SEE ELECTRICAL) CONTROLS AND HANGER SUPPORTS.

⑫ REMOVE CHS, CHR, HUS, AND HUR PIPING ABOVE CEILING AS NECESSARY TO REPLACE WITH NEW CHS, CHR, HUS, AND HUR PIPING WITH SIZES AS NOTED. INSULATE NEW CHS, CHR, HUS, AND HUR PIPE AND REPAIR ALL DAMAGED INSULATION ON EXISTING PIPES AT

⑬ REMOVE TRUNK DUCT INDICATED BY HATCHING AS REQUIRED FOR INSTALLATION OF NEW CHS UNIT. REMOVAL SHALL INCLUDE DUCT HANGERS AND SUPPORTS.

EXISTING ONE HOUR WALL

EXISTING SMOKE PARTITION
SEALED TO DECK

- ① FIELD VERIFY RATED FLOOR AND WALL ASSEMBLY TYPES AND LOCATIONS.
- ② SEAL ALL DUCT AND PIPE PENETRATIONS THROUGH SMOKE RATED WALL ASSEMBLIES WITH ANGLE AND CAULK.
- ③ PROVIDE UL RATED ASSEMBLIES ON ALL DUCT AND PIPE PENETRATIONS THROUGH RATED WALL ASSEMBLIES.



SCHNEIDER ELECTRIC ENERGY SERVICES PROJECT

EET TITLE

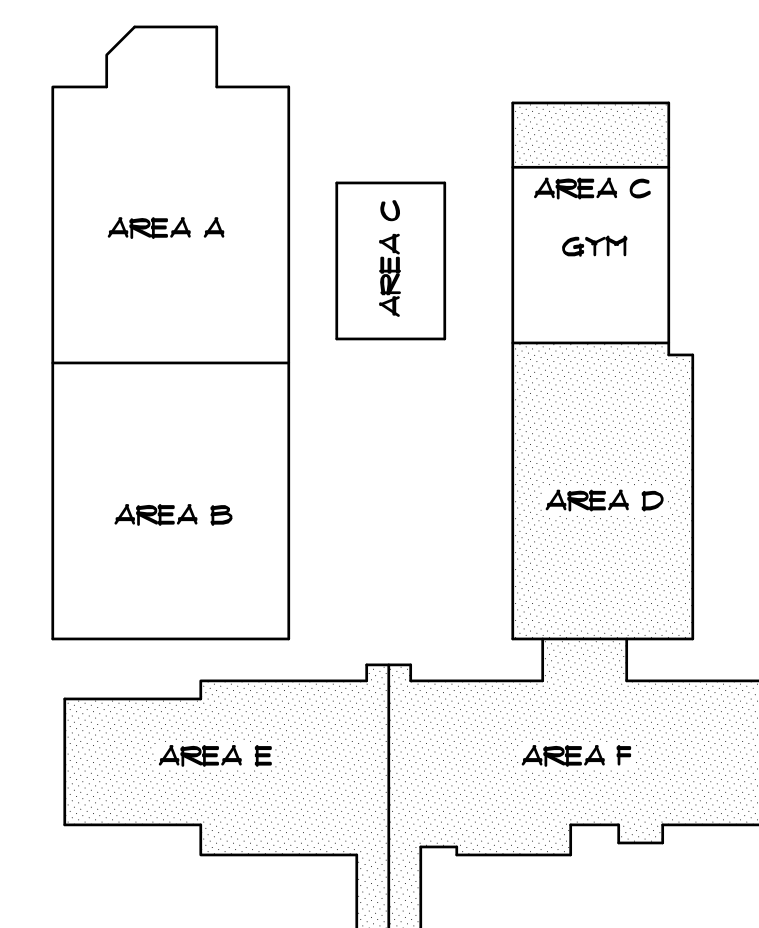
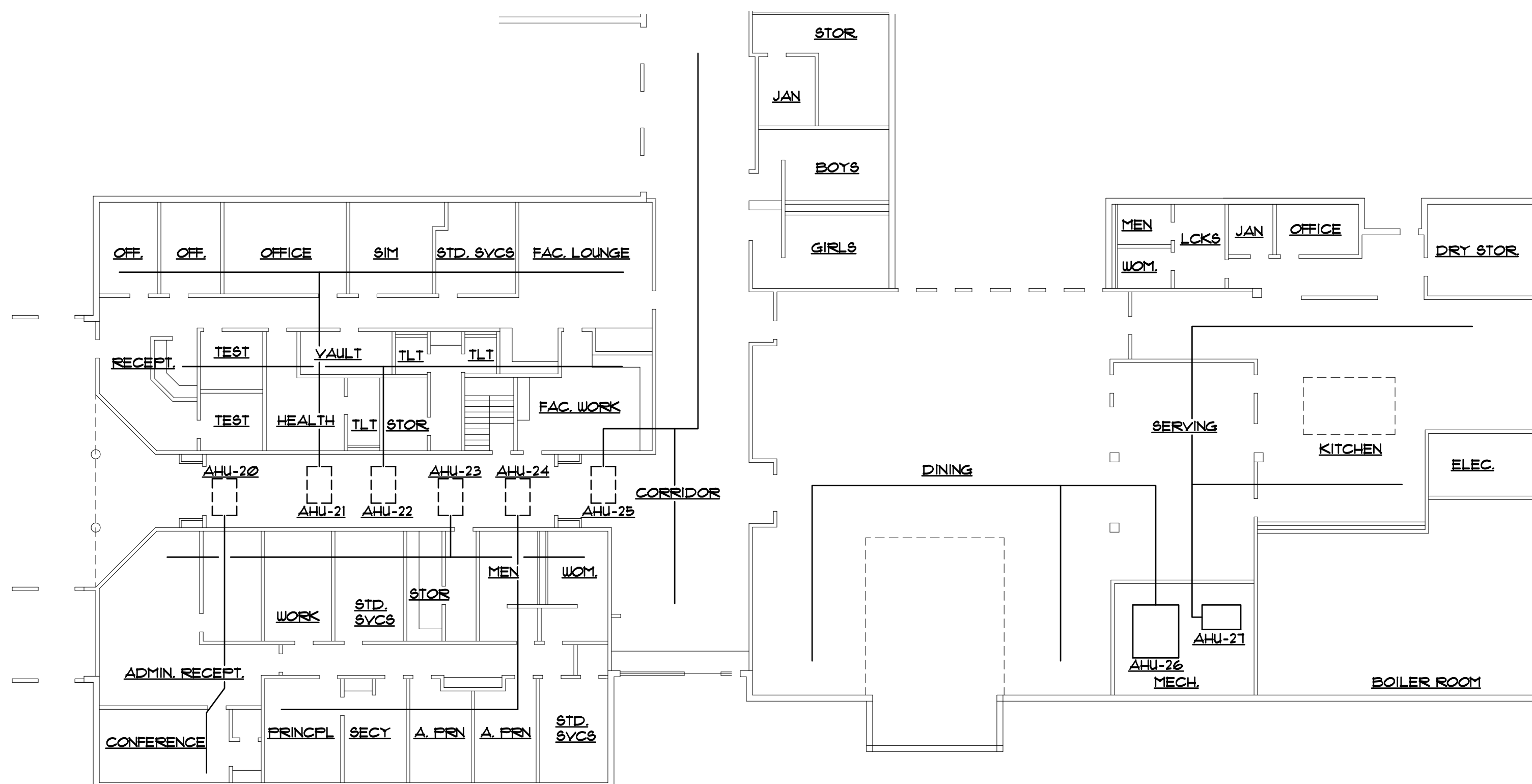
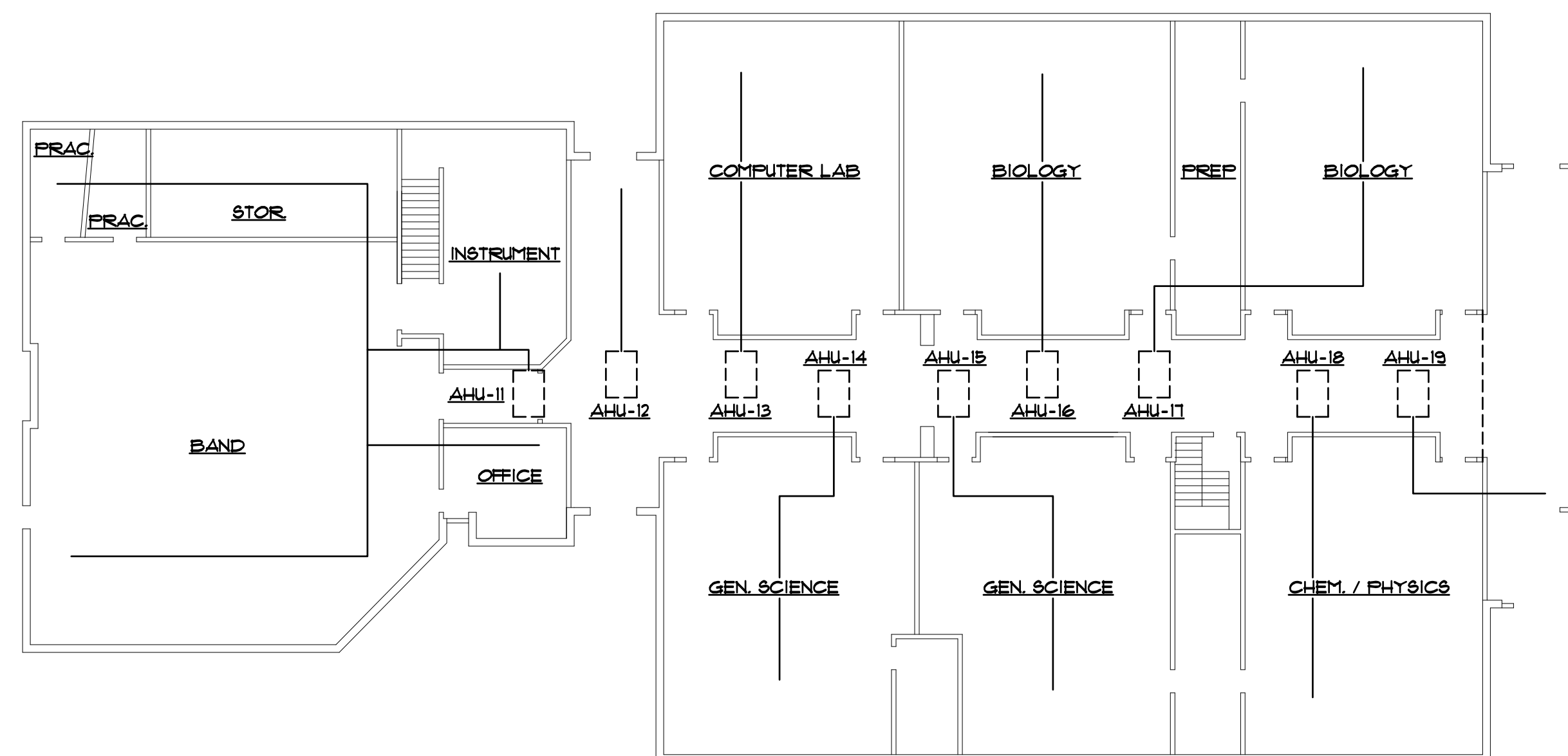
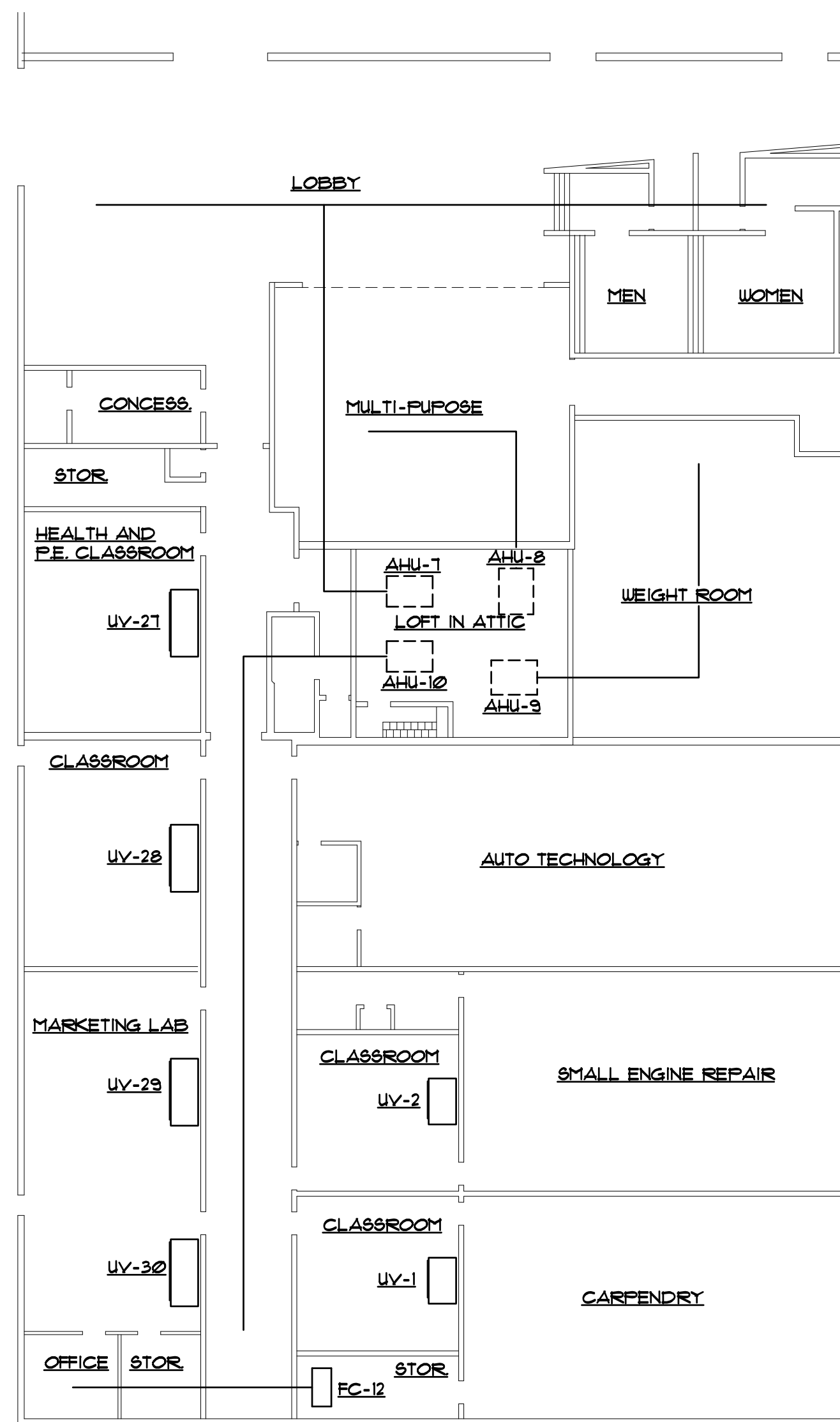
DRAW	DJ		
DESIG	DJ		
DATE:	03-		

SHEET NUMBER

M102A

SHT. OF

Floor plan of the second floor of the gymnasium building. The plan shows a central 'LOFT IN ATTIC' area with four air handling units (AHU-3, AHU-4, AHU-5, AHU-6) indicated by dashed boxes. To the left of the loft are the 'GIRL'S VARSITY LOCKER RM', 'GIRL'S ATH. LOCKER RM', 'GIRL'S P.E. LOCKER RM', and an 'OFF.' (office). To the right are the 'BOY'S VARSITY LOCKER RM', 'BOY'S P.E. LOCKER RM', and another 'OFF.'. Between the locker rooms are restrooms labeled 'TOIL.' and shower areas labeled 'SHOW.'. At the bottom of the plan is the 'GYMNASIUM' entrance, with a 'TRAIN' area to its right and an 'OFF.' to its left. A central 'OFFICE' is located between the locker rooms and the gymnasium entrance.



**SCHNEIDER ELECTRIC ENERGY SERVICES PROJECT
FOR
BRUNSWICK COUNTY SCHOOL DISTRICT**

NORTH BRUNSWICK HIGH SCHOOL
114 SCORPIN DRIVE NE
LELAND, NC 28451

SHEET TITLE

[illegible]

SHEET NUMBER

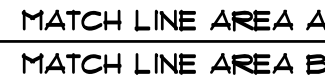
M103A

SHT. OF

Schneider
Electric

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Fax +1 972 323 5498
www.schneider-electric.com

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MATCH LINE AREA A

MATCH LINE AREA B

- ① REMOVE HORIZONTAL, CEILING MOUNTED CLASSROOM VENTILATOR COMPLETE INCLUDING CHILLED WATER AND HOT WATER RUNOUTS, FLOOR (SEE ELECTRICAL) TEMPERATURE CONTROLS AND HANGER SIZES AS NOTED. REPAIR OR REPLACE NEW CHAS, CHR, HUBS, AND HUR PIPING WITH SIZES AS NOTED. INSULATE NEW CHAS, CHR, HUBS, AND HUR PIPES AND REPAIR ALL DAMAGED INSULATION ON EXISTING PIPES AT
- ② REMOVE OUTSIDE AIR SUPPLY DUCT INDICATED BY HATCHING COMPLETE INCLUDING ASSOCIATED HANGER SUPPORTS.
- ③ REMOVE INLINE OUTSIDE AIR SUPPLY FAN COMPLETE INCLUDING SUPPLY AIR DUCT NECESSARY FOR INSTALLATION OF NEW DOAS UNIT, FLOOR (SEE ELECTRICAL) CONTROLS AND HANGER SUPPORTS.
- ④ REMOVE CHAS, CHR, HUBS, AND HUR PIPING ABOVE CEILING AS NOTED. REPAIR OR REPLACE NEW CHAS, CHR, HUBS, AND HUR PIPING WITH SIZES AS NOTED. INSULATE NEW CHAS, CHR, HUBS, AND HUR PIPES AND REPAIR ALL DAMAGED INSULATION ON EXISTING PIPES AT

FIRE & SMOKE WALL INDICATIONS

NOTES:

- ① FIELD VERIFY RATED FLOOR AND WALL ASSEMBLY TYPES AND LOCATIONS.
- ② SEAL ALL DUCT AND PIPE PENETRATIONS THROUGH SMOKE RATED WALL ASSEMBLIES WITH ANGLE AND CAULK.
- ③ PROVIDE UL RATED ASSEMBLIES ON ALL DUCT AND PIPE PENETRATIONS THROUGH RATED WALL ASSEMBLIES.



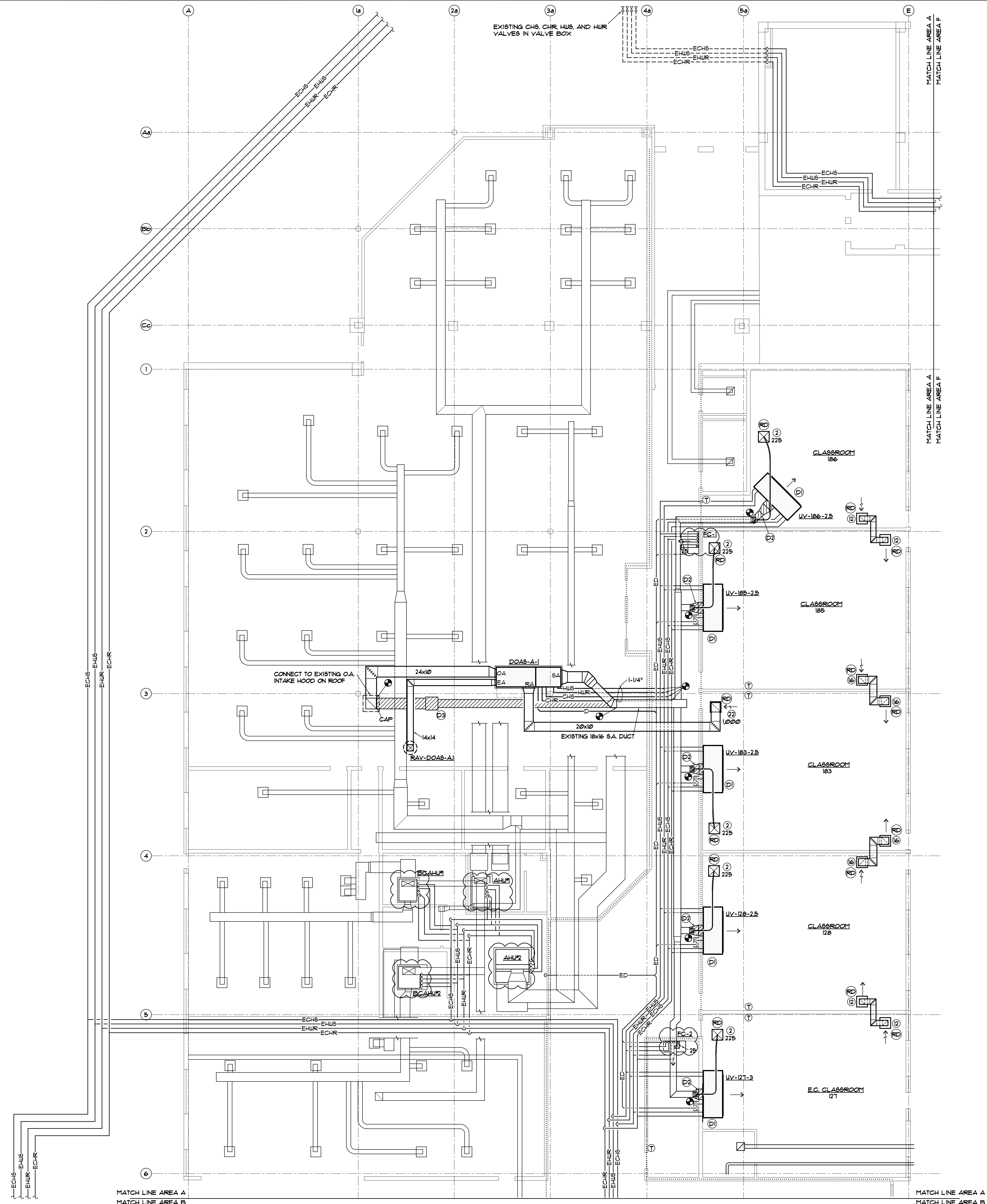
**SCHNEIDER ELECTRIC ENERGY SERVICES PROJECT
FOR
BRUNSWICK COUNTY SCHOOL DISTRICT**

**SOUTH BRUNSWICK HIGH SCHOOL
280 COUGAR ROAD
SOUTHPORT, NC 28461**

[illegible]

M102A

SHT. OF



DEMOLITION NOTES

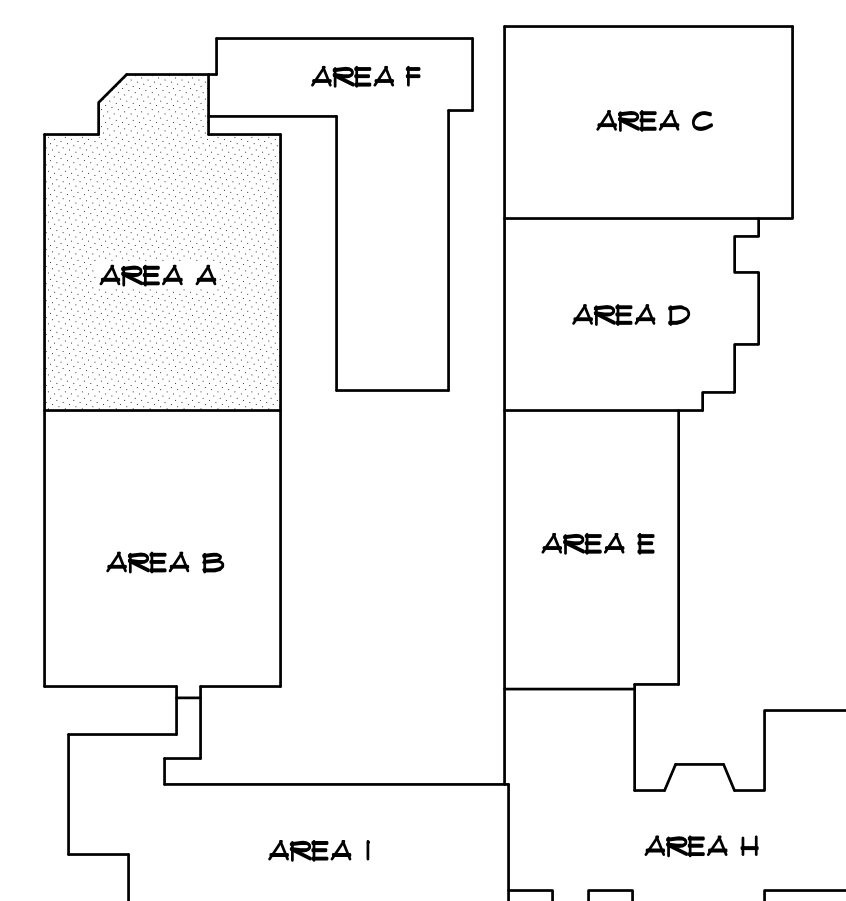
- (1) REMOVE HORIZONTAL CEILING MOUNTED CLASSROOM VENTILATOR COMPLETE INCLUDING CHILLED WATER AND HOT WATER ROUNDS. REMOVE ELECTRICAL CONTROLS AND HANGER SUPPORTS. REMOVE AND STORE BI-POLAR IONIZATION KITS, AND RE-USE IN NEW UNIT VENTILATORS. REMOVE CONDENSATE PUMPS AND REPAIR OR REPLACE AS REQUIRED. (SEE ELECTRICAL).
- (2) REMOVE OUTSIDE AIR SUPPLY DUCT INDICATED BY HATCHING COMPLETE INCLUDING ASSOCIATED HANGER SUPPORTS.
- (3) REMOVE INLINE OUTSIDE AIR SUPPLY FAN COMPLETE INCLUDING SUPPLY AIR DUCT NECESSARY FOR INSTALLATION OF NEW DOAS UNIT. POWER (SEE ELECTRICAL) CONTROLS AND HANGER SUPPORTS.
- (4) REMOVE CHS, CHR, HUS, AND HUR PIPING ABOVE CEILING AS NECESSARY TO REPLACE WITH NEW CHS, CHR, HUS, AND HUR PIPING WITH SIZES AS NOTED. INSULATE NEW CHS, CHR, HUS, AND HUR PIPES AND REPAIR ALL DAMAGED INSULATION ON EXISTING PIPES.
- (5) REMOVE TRUNK DUCT INDICATED BY HATCHING AS REQUIRED FOR REMOVAL OF DOAS UNIT. REMOVAL SHALL INCLUDE DUCT HANGERS AND SUPPORTS.

FIRE & SMOKE WALL INDICATIONS

- EXISTING ONE HOUR WALL
- EXISTING SMOKE PARTITION
SEALED TO DECK

NOTES:

- ① FIELD VERIFY RATED FLOOR AND WALL ASSEMBLY TYPES AND LOCATIONS.
- ② SEAL ALL DUCT AND PIPE PENETRATIONS THROUGH SMOKE RATED WALL ASSEMBLIES WITH ANGLE AND CAULK.
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HYAC RENOVATION FLOOR PLAN - AREA 'A'

**SCHNEIDER ELECTRIC ENERGY SERVICES PROJECT
FOR
BRUNSWICK COUNTY SCHOOL DISTRICT**

**WEST BRUNSWICK HIGH SCHOOL
550 WHITEVILLE ROAD NW
SHALLOTTE, NC 28470**

HEET TITLE

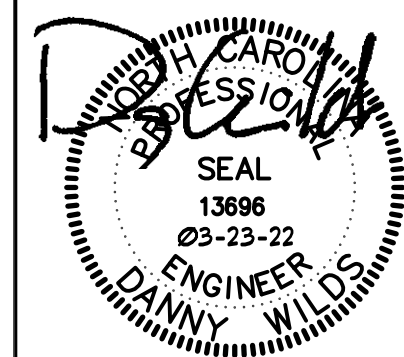
PARTIAL HVAC FLOOR PLAN
AREA 'A' - ECM-3-1A
ADDENDUM NO. 2

[illegible]

SHEET NUMBER

M101A

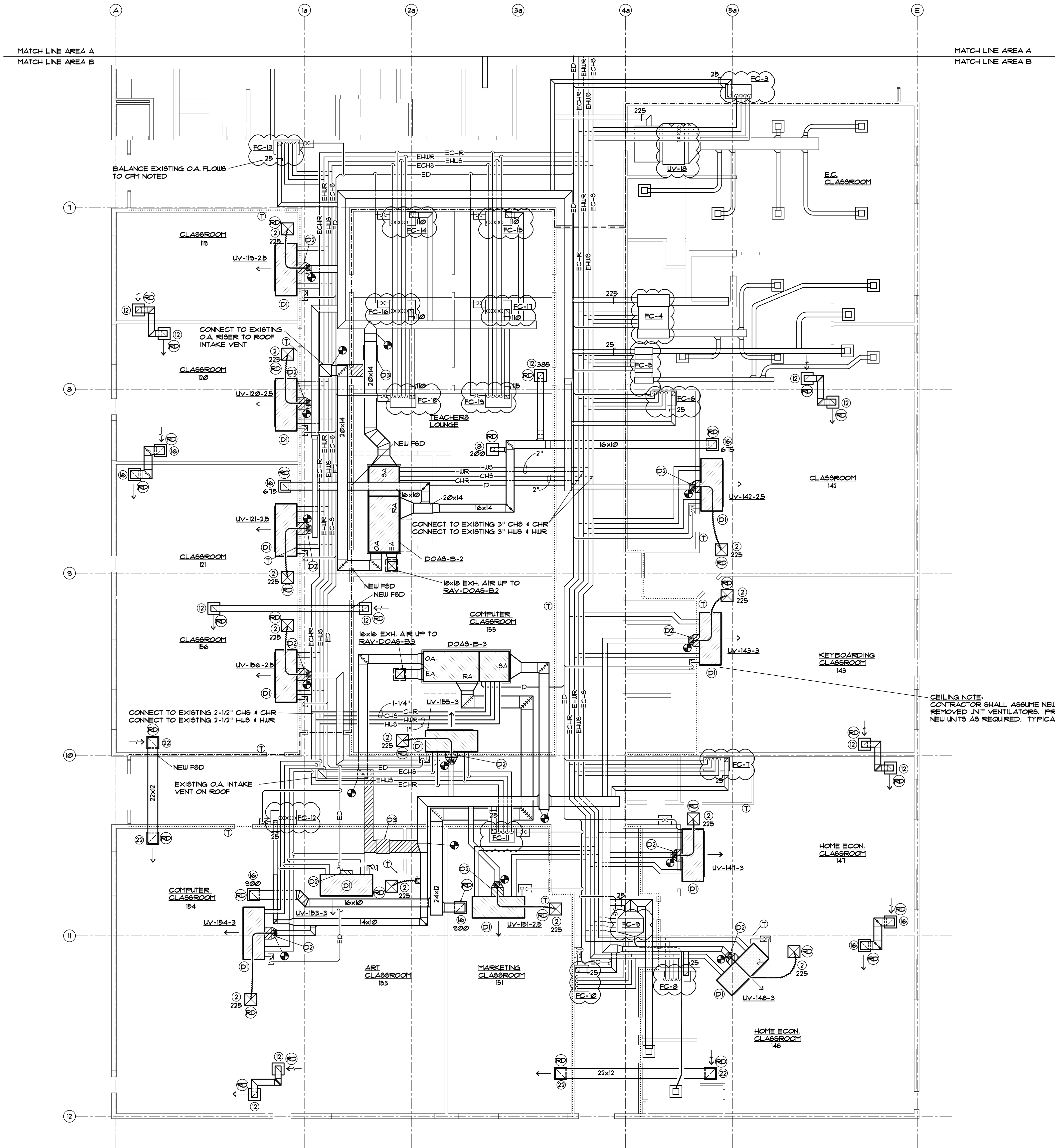
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www.schneider-electric.com

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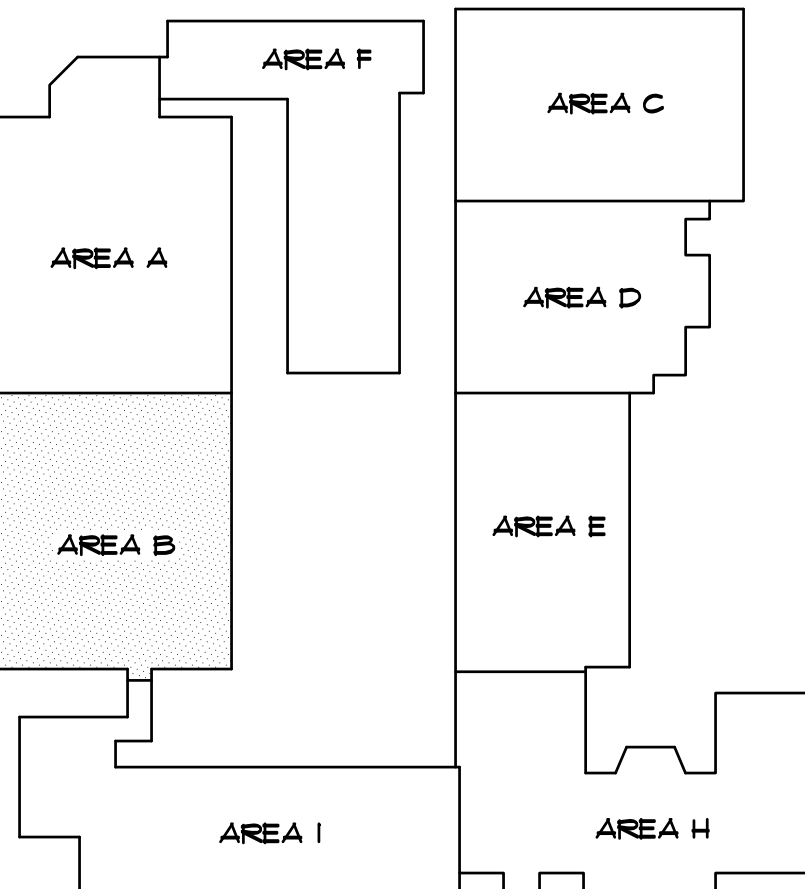
- ### DEMOLITION NOTES
- ① REMOVE HORIZONTAL CEILING MOUNTED CLASSROOM VENTILATOR COMPLETE INCLUDING CHILLED WATER AND HOT WATER RUNOUTS, POWER (SEE ELECTRICAL) TEMPERATURE CONTROLS AND HANGER SUPPORTS. REMOVE AND STORE BI-POLAR IONIZATION KITS, AND RE-USE IN NEW UNIT VENTILATORS. REMOVE CONDENSATE PUMPS COMPLETE INCLUDING INLET PIPING AND POWER (SEE ELECTRICAL). REPAIR OR REPLACE MOUNTING AS REQUIRED.
 - ② REMOVE OUTSIDE AIR SUPPLY DUCT INDICATED BY HATCHING COMPLETE INCLUDING ASSOCIATED HANGER SUPPORTS.
 - ③ REMOVE OUTSIDE AIR SUPPLY FAN COMPLETE INCLUDING SUPPLY AIR DUCT NECESSARY FOR INSTALLATION OF NEW DOAS UNIT, POWER (SEE ELECTRICAL) CONTROLS AND HANGER SUPPORTS.
 - ④ REMOVE CHS, CHR, HUS, AND HUR PIPING ABOVE CEILING AS NECESSARY TO REPLACE WITH NEW CHS, CHR, HUS, AND HUR PIPING WITH SIZES AS NOTED. INSULATE NEW CHS, CHR, HUS, AND HUR PIPES AND REPAIR ALL DAMAGED INSULATION ON EXISTING PIPES AT
 - ⑤ REMOVE TRUNK DUCT INDICATED BY HATCHING AS REQUIRED FOR INSTALLATION OF NEW DOAS UNIT. REMOVAL SHALL INCLUDE DUCT HANGERS AND SUPPORTS.

FIRE & SMOKE WALL INDICATIONS

EXISTING ONE HOUR WALL
EXISTING SMOKE PARTITION SEALED TO DECK

NOTES:

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HVAC RENOVATION FLOOR PLAN - AREA 'B'
SCALE: 1/8" = 1'-0"

KEY PLAN
NO SCALE

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SCHNEIDER ELECTRIC ENERGY SERVICES PROJECT

FOR

BRUNSWICK COUNTY SCHOOL DISTRICT

WEST BRUNSWICK HIGH SCHOOL
550 WHITEVILLE ROAD NW
SHALLOTTE, NC 28470

PARTIAL HVAC FLOOR PLAN
AREA 'B' - ECM-3-1A
ADDENDUM NO. 2

DATE	DESCRIPTION
03-23-22	SUBMISSION / REVISION

DRAWN BY: DJ	CHECKED BY: CDW
DESIGNED BY: DJ	APPROVED BY: CDW
DATE: 03-23-22	PROJECT: PC21P0006

SHEET NUMBER

M102A

SHT. OF

The floor plan shows a series of classrooms (306-314) and corridors. Key features include:

- Classrooms:** Labeled CLASSROOM 306 through CLASSROOM 314.
- Corridors:** A central corridor runs vertically through the plan.
- Mechanical Details:**
 - UV units (e.g., UV-314-2.B, UV-313-2.B, UV-312-2.B, UV-311-2.B, UV-310-2.B, UV-309-2.B, UV-308-2.B, UV-307-2.B, UV-306-2.B).
 - Water mains (CHS, CHR, HWS, HUR) and fire dampers (FD).
 - Condensation drains (COND. DRAIN) and catch basins.
 - Fire dampers (FD) and fire dampers (FD).
- Notes:**
 - CEILING NOTE: CONTRACTOR SHALL ASSURE REMOVED UNIT VENTILATION NEW UNITS AS REQUIRED.
 - RE-USE EXISTING FIRE DAMPERS. CONNECT 2x6'S (VERIFY SIZE) RADIATION DAMPER IN FIRE DAMPERS.
 - REMOVE CHS, CHR, HWS AND HUR WATER MAINS ABOVE CORRIDOR CEILING. REPLACE WITH NEW 1-1/2" CHS AND C AND NEW 1-1/2" HWS AND HUR ABOVE CEILING. CONNECT RUNOUTS TO UV'S AND FCU TO NEW WATER MAINS.
 - 16x16 EXH. AIR RISER TO NEW RAY-DOAS-F-4.
 - EXISTING COND. DRAIN BELOW GRADE TO EXISTING CATCH BASIN.
 - CONNECT COND. DRAIN FROM DOAS-F-4 FULL SIZE TO EXISTING DRAIN.
 - MAINTAIN MANUFACTURER'S PRINTED RECOMMENDED SERVICE CLEARANCE.
- Grids:** E, F, G, H, I, J (horizontal) and 1, 2, 3, 4, 5, 6 (vertical).
- Match Lines:** MATCH LINE AREA A and MATCH LINE AREA F.
- Scale:** 1/8" = 1'-0".

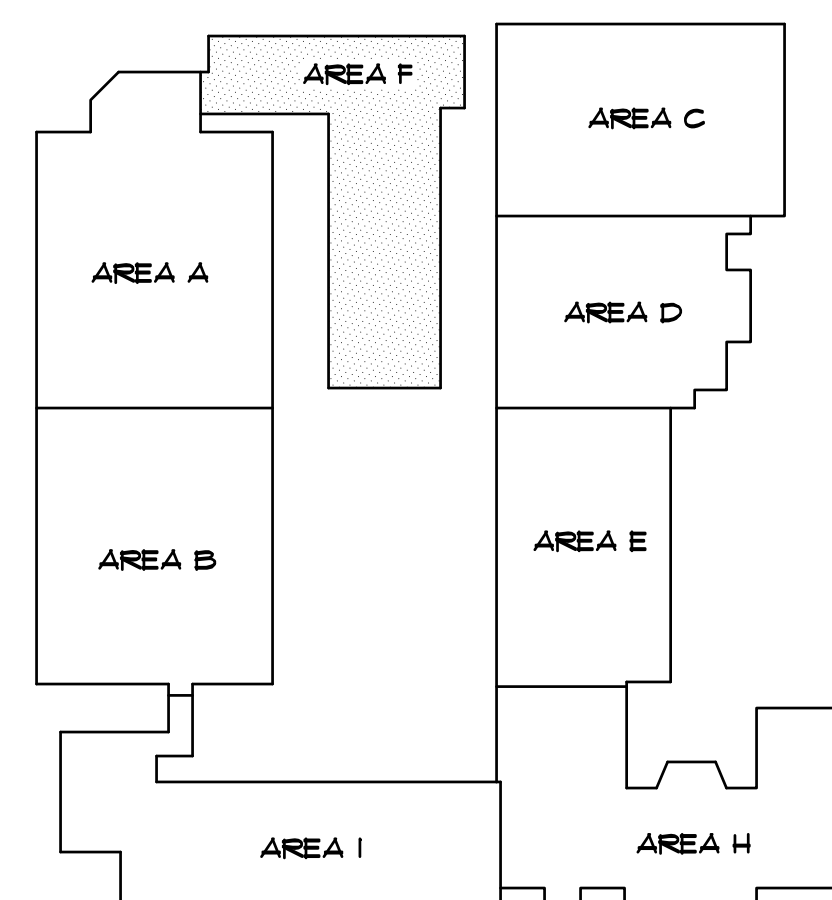
- 21 REMOVE HORIZONTAL CEILING MOUNTED CLASSROOM VENTILATOR COMPLETE INCLUDING CHILLED WATER AND HOT WATER RUNOUTS, FOUER (SEE ELECTRICAL), TEMPERATURE CONTROLS AND HANGER SUPPORTS. REMOVE INSULATION FROM INSULATION OF NEW DOWS UNIT, FOUER (SEE ELECTRICAL), CONTROLS AND HANGER SUPPORTS. RE-USE IN NEW UNIT VENTILATORS. REMOVE CONDENSATE PUMPS COMPLETE INCLUDING INLET PIPING AND FOUER (SEE ELECTRICAL). REPAIR OR REPLACE MOUNTING AS REQUIRED.
- 22 REMOVE OUTSIDE AIR SUPPLY DUCT INDICATED BY HATCHING COMPLETE INCLUDING DUCTWORK AND HANGER SUPPORTS.
- 23 REMOVE INLINE OUTSIDE AIR SUPPLY FAN COMPLETE INCLUDING DUCTWORK, AIR FILTER, CONTROLS AND HANGER SUPPORTS. RE-USE IN NEW DOWS UNIT, FOUER (SEE ELECTRICAL), CONTROLS AND HANGER SUPPORTS.
- 24 REMOVE CHS, CHR, HUS, AND HUR PIPING ABOVE CEILING AS NECESSARY TO REPLACE WITH NEW CHS, CHR, HUS, AND HUR PIPING WITH SIZES AS NOTED. INSULATE NEW CHS, CHR, HUS, AND HUR PIPES AND REPAIR ALL DAMAGED INSULATION ON EXISTING PIPES AT
- 25 REMOVE TRUNK DUCT INDICATED BY HATCHING AS REQUIRED FOR EXISTING OUTSIDE AIR SUPPLY UNIT. REMOVAL SHALL INCLUDE DUCT HANGERS AND SUPPORTS.

EXISTING ONE HOUR WALL

EXISTING SMOKE PARTITION
SEALED TO DECK

NOTES:

- ① FIELD VERIFY RATED FLOOR AND WALL ASSEMBLY TYPES AND LOCATIONS.
- ② SEAL ALL DUCT AND PIPE PENETRATIONS THROUGH SMOKE RATED WALL ASSEMBLIES WITH ANGLE AND CAULK.
- ③ PROVIDE UL RATED ASSEMBLIES ON ALL DUCT AND PIPE PENETRATIONS THROUGH RATED WALL ASSEMBLIES.



KEY PLAN
NO SCALE

HYAC RENOVATION FLOOR PLAN - AREA 'F'

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

**SCHNEIDER ELECTRIC ENERGY SERVICES PROJECT
FOR
BRUNSWICK COUNTY SCHOOL DISTRICT**

WEST BRUNSWICK HIGH SCHOOL
550 WHITEVILLE ROD NW
SHALLOTTE, NC 28470

SHEET TITLE

PARTIAL HVAC FLOOR PLAN
AERA 'F' - ECM-3-1A
ADDENDUM NO. 2

DRAWN BY: DJ	CHECKED BY: CDW
DESIGNED BY: DJ	APPROVED BY: CDW
DATE: 03-23-22	PROJECT: PC21P0006

SHEET NUMBER

M103A

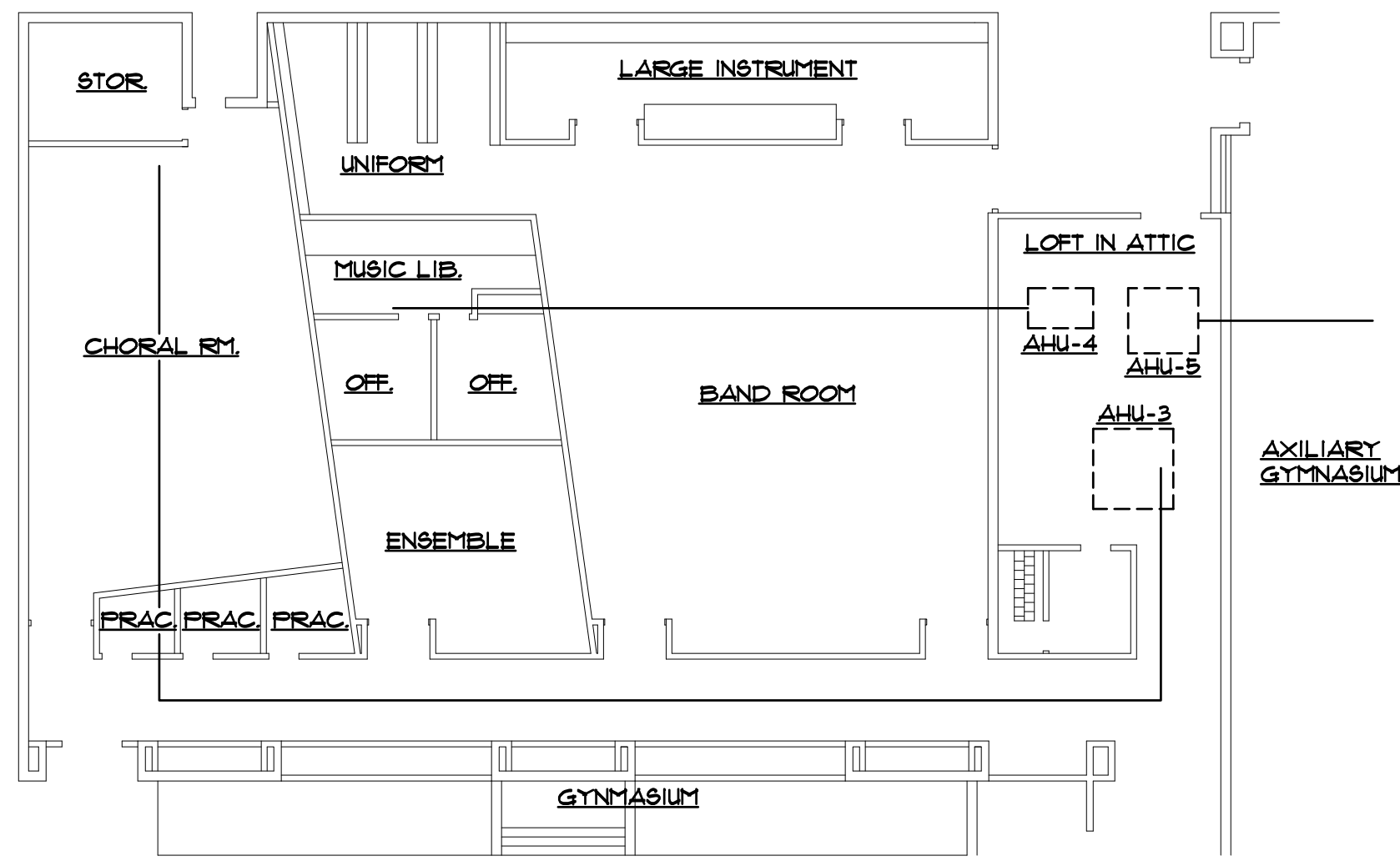
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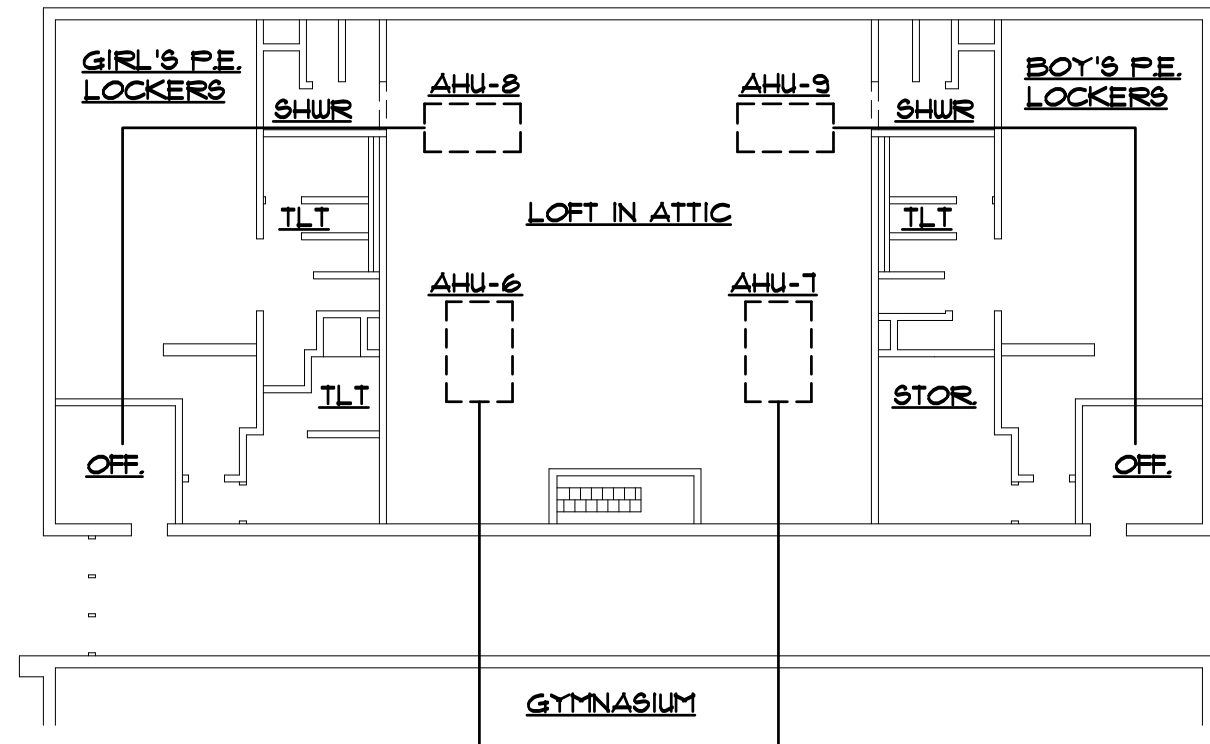
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Arlington, TX 75006 USA

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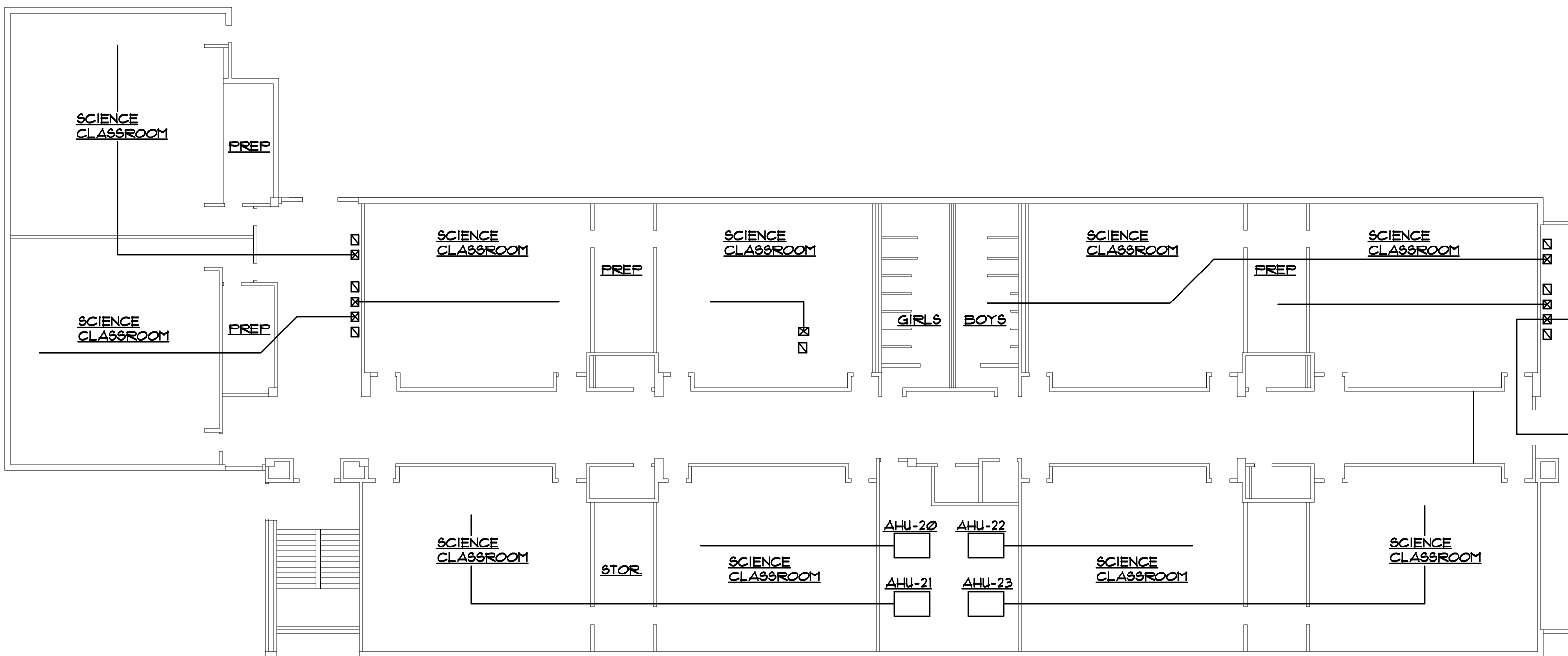
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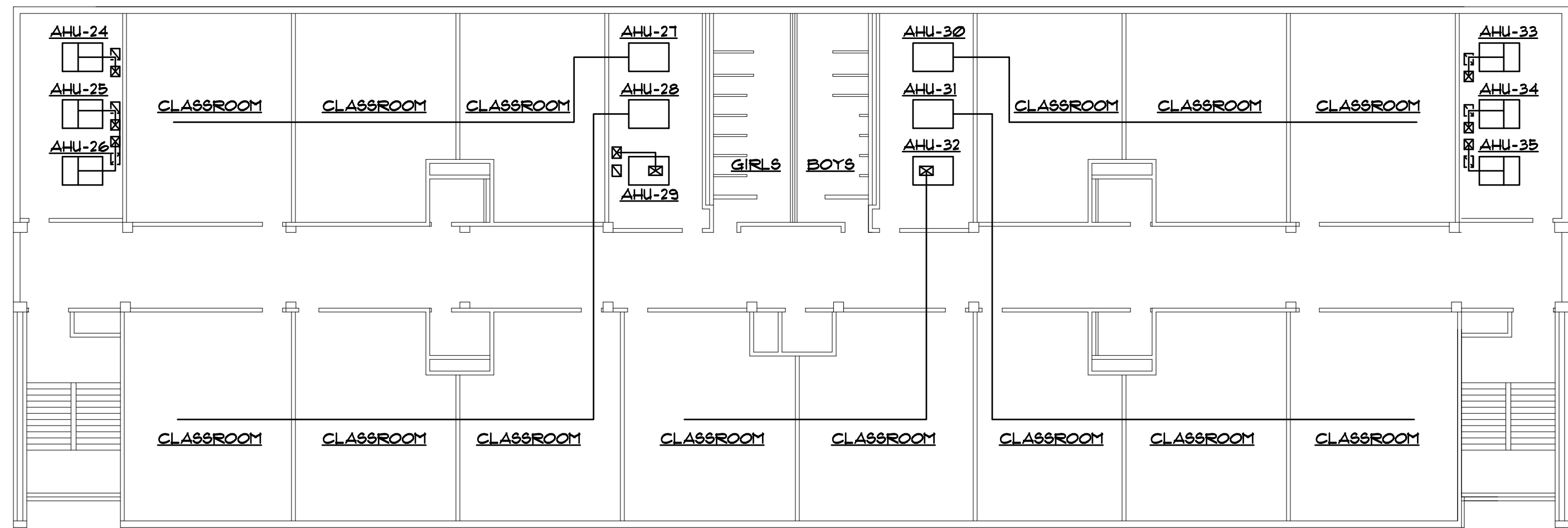
HVAC RENOVATION FLOOR PLAN - AREA 'C'
SCALE: 1/16" = 1'-0"



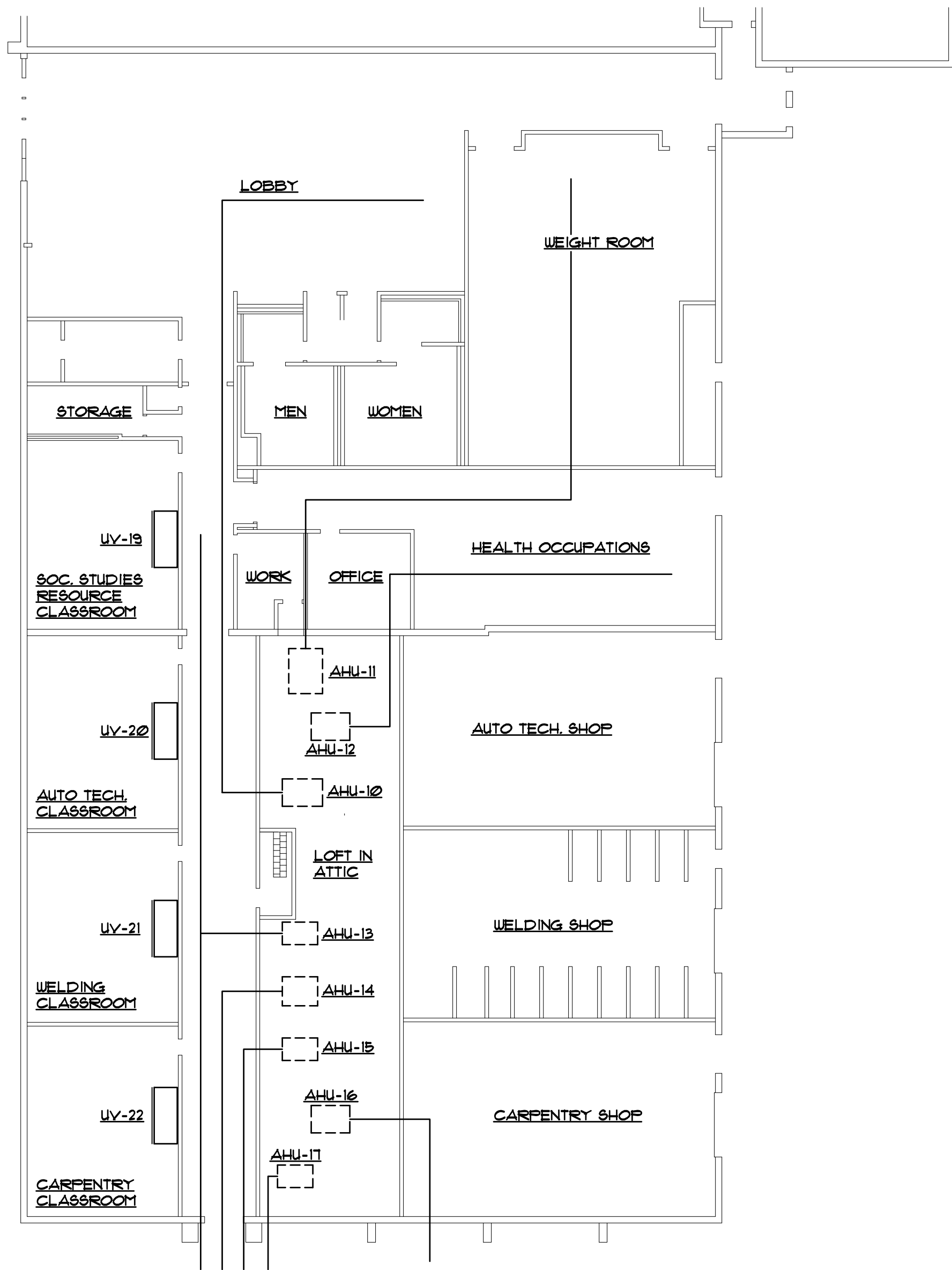
HVAC RENOVATION FLOOR PLAN - AREA 'D'
SCALE: 1/16" = 1'-0"



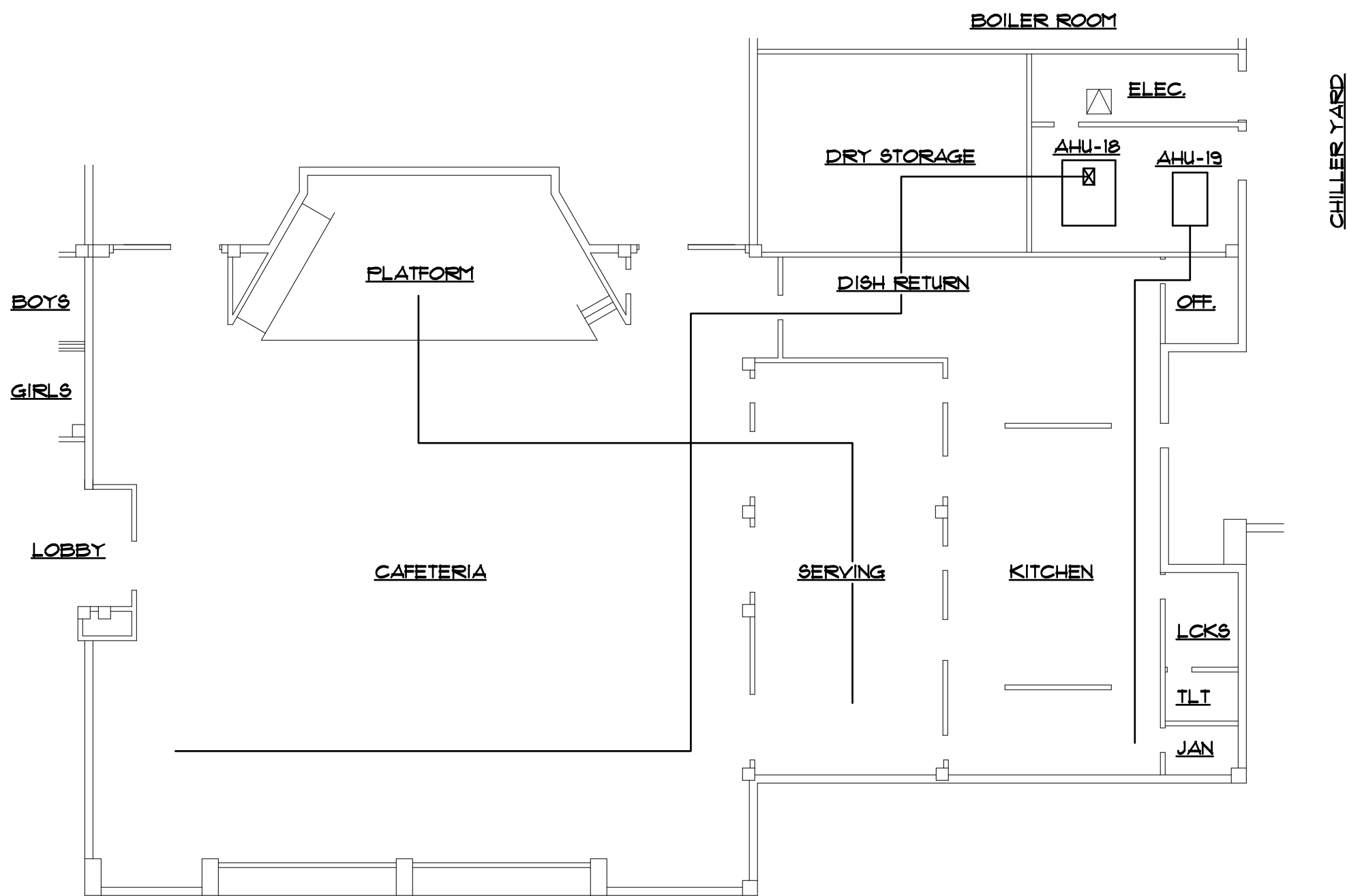
HVAC RENOVATION FLOOR PLAN - AREA 'G'
SCALE: 1/16" = 1'-0"



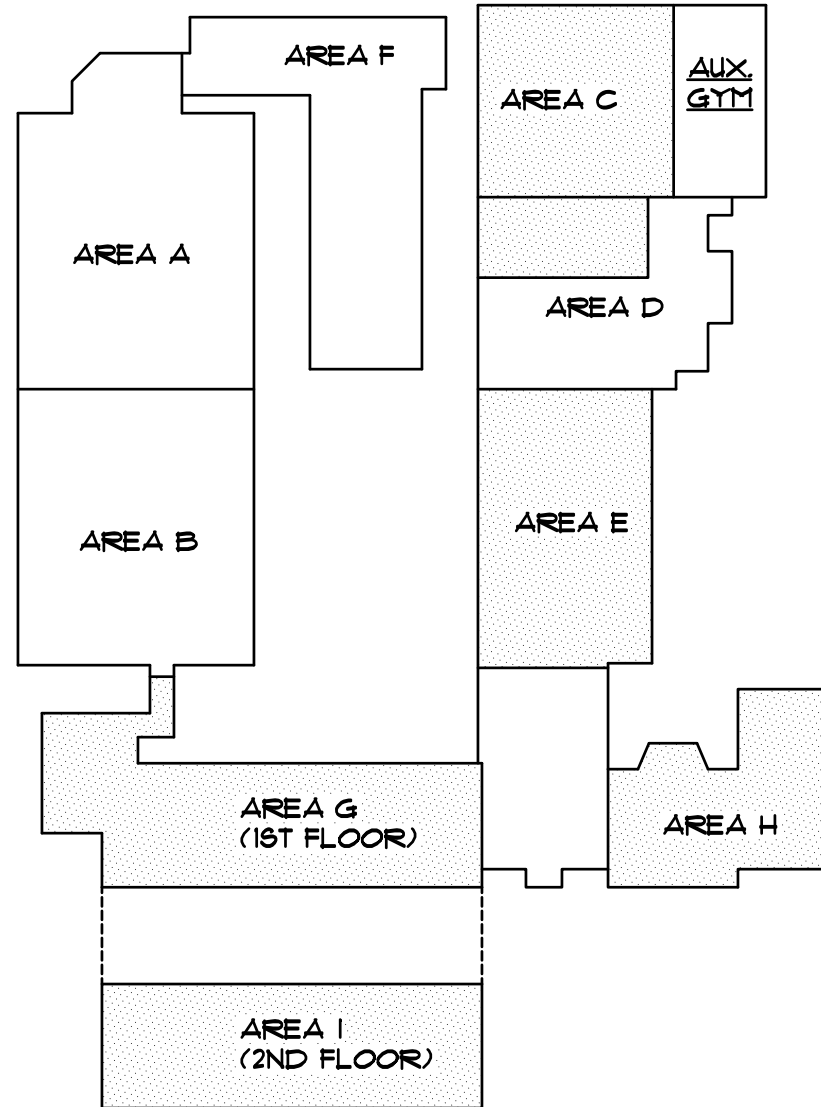
HVAC RENOVATION FLOOR PLAN - AREA 'I'
SCALE: 1/16" = 1'-0"



HVAC RENOVATION FLOOR PLAN - AREA 'E'
SCALE: 1/16" = 1'-0"



HVAC RENOVATION FLOOR PLAN - AREA 'H'
SCALE: 1/16" = 1'-0"



KEY PLAN
NO SCALE

DATE	MARK	DESCRIPTION
03-23-22	CDW	DESIGNED BY:
03-23-22	CDW	APPROVED BY:
03-23-22	CDW	PROJECT:
03-23-22	CDW	PROJECT: