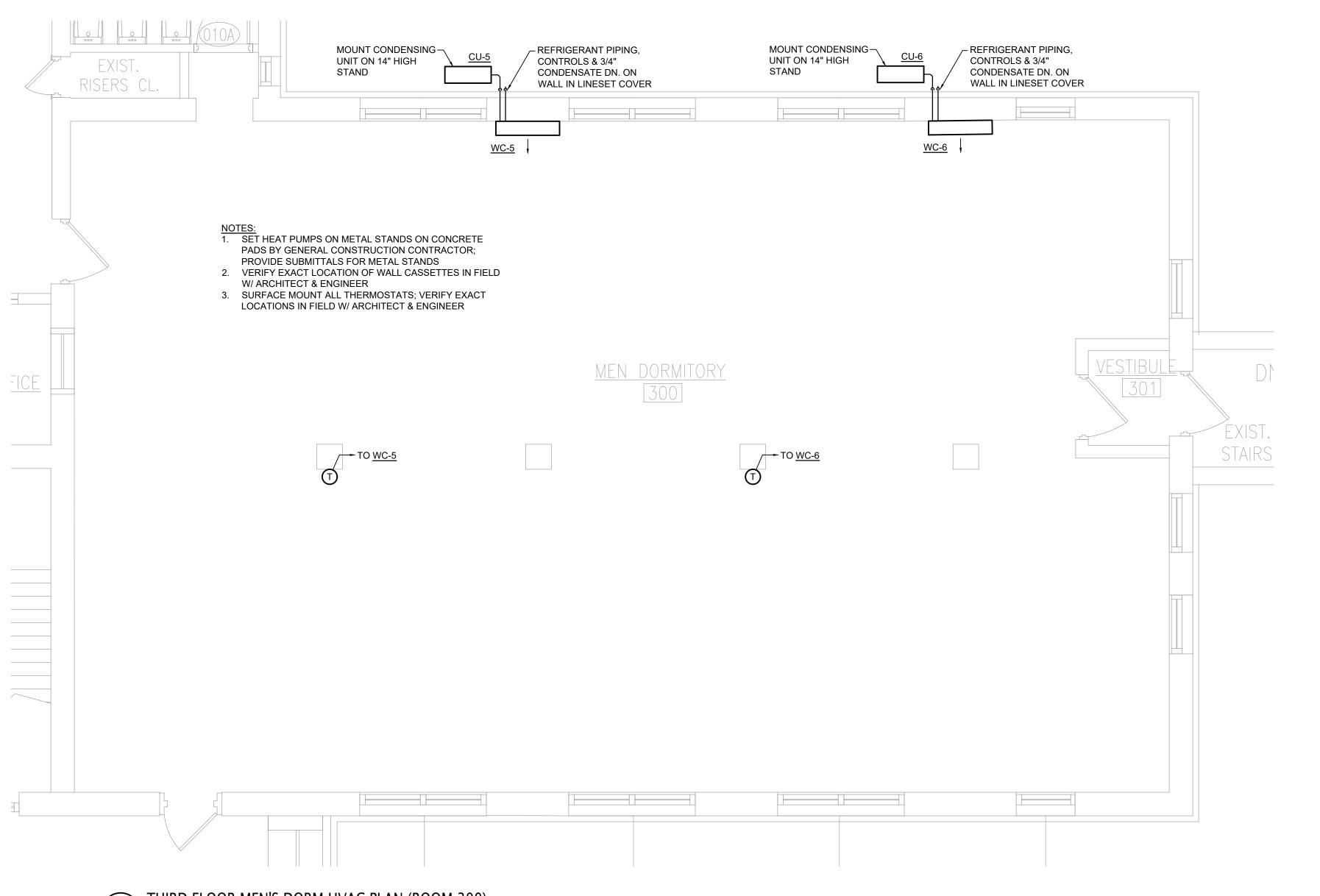


	INDOOR MINI-SPLIT UNIT SCHEDULE																		
EQUIPMENT	MANUFACTURER (OR ACCEPT.	MODEL	MINI-SPLIT UNIT	AREA OF BUILDING	AIRFLOW	COOLING CAPACITY EDB				EATING EDB	EWB	PAIRED OUTDOOR	EXTERNAL STATIC		ELECTRICAL POWER REQUIREMENTS		WEIGHT	NOTES	
TAG	EQUAL)	-	TYPE	SERVED	(CFM)	(MBH)	(°F)	(°F)	(MBH)	(°F)	(°F)	UNIT	PRESSURE (IN. W.C.)	ESSURE		(LB)			
WC-1 & 2	MITSUBISHI	PKA-A24KA7	WALL CASSETTE	2ND FLOOR DAY ROOM	570-700	24.0	80.0	67.0	-	-	-	CU-1 & 2	-	208	1	60	1.0	46	FURNISH W/ WALL-MOUNTED WIRELESS REMOTE CONTROLLER
WC-3 & 4	MITSUBISHI	PKA-A24KA7	WALL CASSETTE	3RD FLOOR DAY ROOM	570-700	24.0	80.0	67.0	-	-	-	CU-3 & 4	-	208	1	60	1.0	46	FURNISH W/ WALL-MOUNTED WIRELESS REMOTE CONTROLLER
WC-5 & 6	MITSUBISHI	PKA-A36KA7	WALL CASSETTE	3RD FLOOR MEN'S DORM	635-830	36.0	80.0	67.0	-	-	-	CU-5 & 6	-	208	1	60	1.0	46	FURNISH W/ WALL-MOUNTED WIRELESS REMOTE CONTROLLER

	AIR-COOLED CONDENSING UNIT SCHEDULE																			
EQUIPMENT (OR ACCEPT.		MODEL	INDOOR UNITS SERVED	COMPRESSOR TYPE	CAPACITY	NOM. HEAT	OUTDOOR OPERATING TEMP. RANGE (°F)		AHRI EFFICIENCY RATINGS		REFRIGERANT	OOOLIIVO		ELECTRICAL POWER REQUIREMENTS				WEIGHT (LB)	NOTES	
	EQUAL)		522		(MBH)	(MBH)	COOLING H	IEATING	SEER	EER COP	0 @ COP @ 0 17°F		HEATING (dBA)	VOLT	PHASE	Hz.	MCA	МОСР		
CU-1 & 2	MITSUBISHI	PUY-A24NHA7	WC-1 & 2	DC INVERTER DRIVEN	24.0	-	14 TO 115		26.1	13.8 -	-	R410A	49/51	208	1	60	19	25	151	FURNISH W/ 14" HIGH STAND
CU-3 & 4	MITSUBISHI	PUY-A24NHA7	WC-3 & 4	DC INVERTER DRIVEN	24.0	-	14 TO 115	-	26.1	13.8 -	-	R410A	49/51	208	1	60	19	25	151	FURNISH W/ 14" HIGH STAND
CU-5 & 6	MITSUBISHI	PUY-A36NHA7	WC-5 & 6	DC INVERTER DRIVEN	36.0	-	14 TO 115	-	18.8	10.8 -	-	R410A	49/51	208	1	60	25	30	211	FURNISH W/ 14" HIGH STAND

	EXHAUST FAN SCHEDULE													
EQUIPMENT	MANUFACTURER	MODEL	SERVICE	FAN	R.P.M.	EXTERNAL STATIC PRESSURE		МОТОІ	₹		- REMARKS			
TAG	MANUFACTURER	MODEL	SERVICE	C.F.M.	N.F.IVI.	INCH H ₂ O	POWER	VOLT.	PHASE	HZ.				
EF-1	LOREN COOK	GN-842	TOILET & SHOWER ROOMS	1000	974	0.20	288 W	120	1	60	FURNISH W/ BACKDRAFT DAMPER & FAN SPEED CONTROLLER; SUPPORT FROM STRUCTURE ABOVE			
EF-2	LOREN COOK	GN-740	TOILET & SHOWER ROOMS	750	1625	0.20	337 W	120	1	60	FURNISH W/ BACKDRAFT DAMPER & FAN SPEED CONTROLLER; SUPPORT FROM STRUCTURE ABOVE			

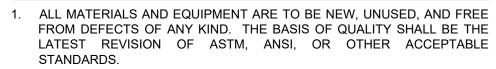
FIN-TUBE RADIATION FT-1 STEAM FIN-TUBE RADIATION TYPICAL OF MODINE #F-012-16-N ENCLOSURE W/ #CP-125-50-C-050 ELEMENT; 1-1/4" COPPER PIPING W/ 4-1/4"x4-1/4" ALUM. FINS; 50 FINS PER FT.; 1720 BTU/FT. @ 1PSI STEAM; 5-FT. ACTIVE LENGTH; FURNISH W/ END CAPS & BOTTOM INLET PANEL #BIP





SECOND FLOOR DAY ROOM HVAC PLAN

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



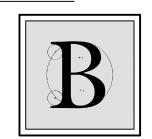
Mechanical Notes:

- FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE
- 2. THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE
- 3. THIS CONTRACTOR SHALL COORDINATE HVAC WORK WITH THAT OF ALL OTHER TRADES.
- 4. ALL CUTTING, FIRE-STOPPING, AND ROUGH PATCHING IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
- 5. THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
- 6. ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2015 INTERNATIONAL BUILDING CODE WITH 2016 NEW YORK STATE UNIFORM CODE SUPPLEMENT, AS WELL AS THE 2015 INTERNATIONAL MECHANICAL CODE AND 2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH 2017 NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE SUPPLEMENT (REV AUG. 2017).
- 7. ALL DUCTWORK IS TO BE CONSTRUCTED OF GALVANIZED SHEET STEEL (EXCEPT WHERE OTHERWISE SPECIFIED) WITH GAUGES, BRACING AND CONSTRUCTION IN ACCORDANCE WITH THE LATEST SMACNA DUCT MANUAL STANDARDS AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
- 8. PROVIDE MANUAL DAMPERS AT EACH SPLIT OR TAP CONNECTION TO TRUNK DUCTS FOR BALANCING PURPOSES WHETHER OR NOT SPECIFICALLY SHOWN ON DRAWINGS. EACH DAMPER SHALL BE OF THE OPPOSED BLADE DAMPER TYPE INSTALLED WITH AN OPERATOR AND LOCKING DEVICE. ALL DAMPERS LOCATED ABOVE HARD OR INACCESSIBLE CEILINGS SHALL BE INSTALLED WITH REMOTE GEAR
- 9. FURNISH & INSTALL FUSIBLE LINK FIRE DAMPERS AT ALL LOCATIONS WHERE DUCT PENETRATES FIRE-RATED FLOOR OR CEILING ASSEMBLY WHETHER OR NOT SPECIFICALLY SHOWN. INSTALL DUCTWORK CASING ACCESS DOORS AND FRAMES AHEAD OF EACH FIRE DAMPER FOR INSPECTION AND MAINTENANCE. DOORS SHALL BE A MINIMUM OF 20 GA. DOUBLE PANEL INSULATED TYPE. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.
- 10. ROUND SHEET STEEL ELBOWS ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL SUPPLY AIR DIFFUSERS. SHEET STEEL PLENUM BOXES ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL RETURN AND EXHAUST AIR GRILLES. THE CONTRACTOR IS TO PAINT THE INSIDE OF THE SHEET STEEL PLENUM BOXES FLAT BLACK.
- 11. ALL EXHAUST DUCTWORK LOCATED IN UNCONDITIONED SPACES OR ABOVE CEILINGS SHALL BE INSULATED WITH A MINIMUM OF R-5 INSULATION. ALL DUCTWORK LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE INSULATED WITH A MINIMUM OF R-8 INSULATION. INSULATION SHALL BE FIBERGLASS DUCT WRAP WITH VAPOR SEAL SECURELY TAPED AROUND DUCT. IF DUCT LINING IS TO BE USED, ALL DUCT SIZES SHOWN SHALL BE CONSIDERED TO BE INSIDE CLEAR
- 21. INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE PROVIDING RISERS, DROPS AND OFFSETS TO CLEAR STRUCTURAL MEMBERS, LIGHT FIXTURES, OTHER PIPING, AND OTHER OBSTRUCTIONS. WHERE CONFLICTS ARISE, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO PROCEEDING.
- 22. THE ENTIRE AIR DISTRIBUTION SYSTEM IS TO BE BALANCED TO WITHIN 10% OF THE SPECIFIED AIRFLOW REQUIREMENTS.
- 23. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER, ARCHITECT AND ENGINEER.
- 24. THE CONTRACTOR SHALL BE RESPONSIBLE TO HOLD THE REQUIRED LICENSING IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. PROOF OF LICENSING SHALL BE PROVIDED PRIOR TO CONTRACT SIGNING.

Lothrop Associates LLP Architects White Plains, New York 10604

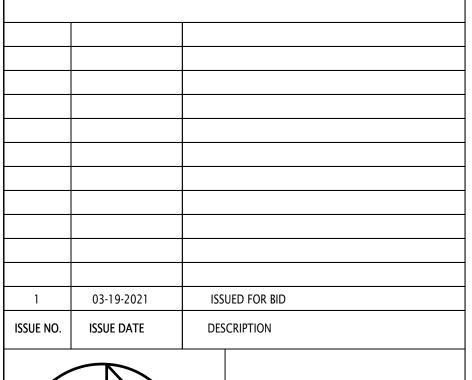
White Plains Rochester Red Bank Hartford

MECH'L/ELEC'L/PLUMBING ENGINEERS



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ALTERATIONS TO BUILDING # 51, **EMERGENCY HOUSING** GROUP

38 SEWARD AVENUE MIDDLETOWN, NY 10940

SECOND & THIRD FLOORS DAY ROOMS & MEN'S DORMITORY HVAC PLANS, SCHEDULE & NOTES

PROJECT NO.: 1802-01

DRAWING NO.:

M - 100

