REGISTER - GRILLE - DIFFUSER SCHEDULE

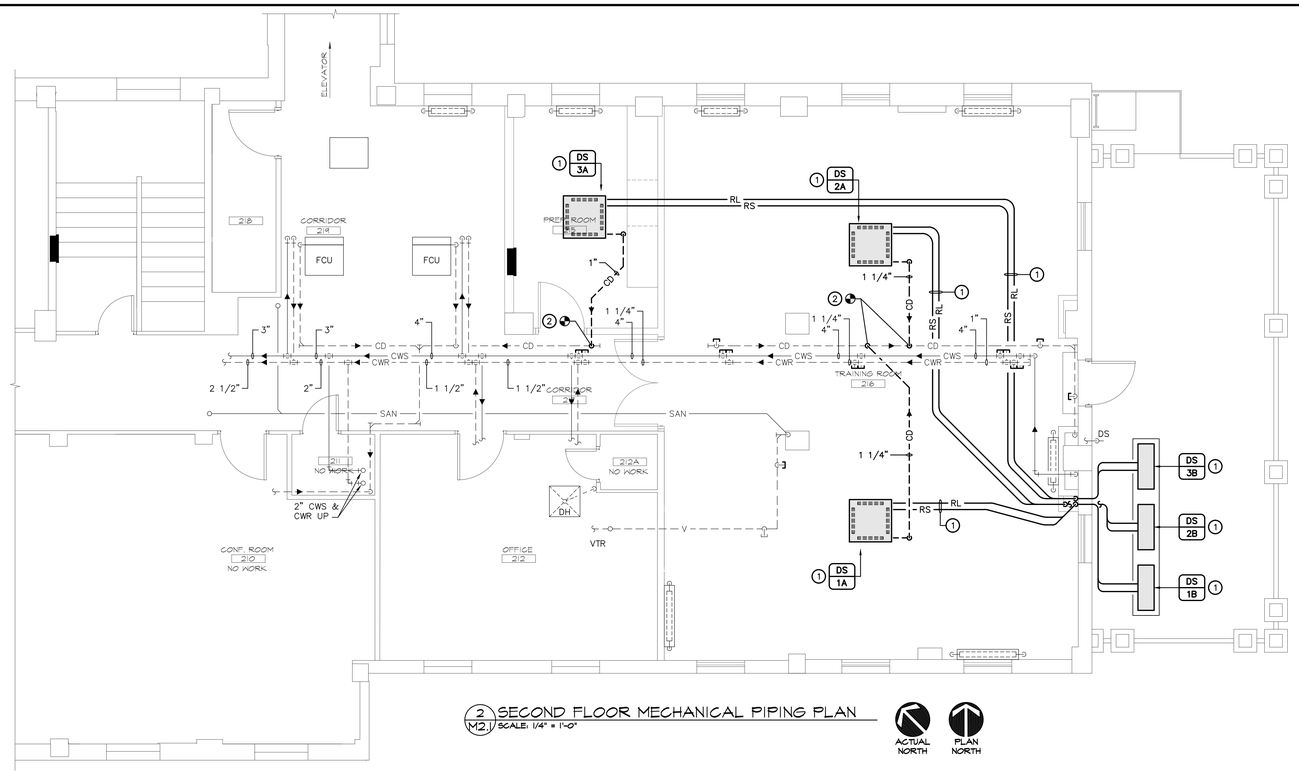
MARK	FUNCTION	TYPE	CFM RANGE	MAX N.C.	SIZE (INCHES)	BORDER OR FRAME	MATERIAL ALUM.	MATERIAL STEEL	FINISH	ACCESS.	MANUFACTURER & MODEL NO.	REMARKS
R-1	RETURN	PERF. PANEL 24 x 12 FACE	0 - 500	20	22x10 NECK	24 x 12 LAY-IN		X	STND. WHITE		KRUEGER SERIES 6290	1, 2

REMARKS:
1. COORDINATE BORDER OR FRAME TYPE WITH CEILING TYPE.
2. COORDINATE FINISH WITH ARCHITECT.

SPLIT SYSTEM UNIT SCHEDULE

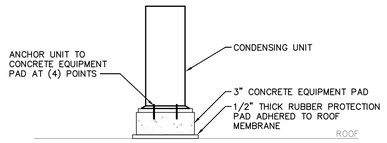
INDOOR UNIT MARK	OUTDOOR UNIT MARK	CFM	COOLING DATA (MBH) TOTAL	COOLING DATA (MBH) SENSIBLE	HEATING DATA CAP. (MBH)	HEATING DATA BACKUP KW	MANUFACTURER	INDOOR UNIT MODEL NO.	OUTDOOR UNIT MODEL NO.	REMARKS
DS-1A	DS-1B	950/ 790	36.0	25.2	N/A	N/A	DAIKIN	FCQ36PAVJU	RZR36PVJU	1,2,3,4,5
DS-2A	DS-2B	950/ 790	36.0	25.2	N/A	N/A	DAIKIN	FCQ36PAVJU	RZR36PVJU	1,2,3,4,5
DS-3A	DS-3B	810/ 670	18.0	12.8	N/A	N/A	DAIKIN	FCQ18PAVJU	RZR18PVJU	1,2,4,5

REMARKS:
1. SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET E0.0 FOR ELECTRICAL DATA.
2. PROVIDE INTEGRAL CONDENSATE PUMP WITH INDOOR UNIT, LOW AMBIENT KIT FOR OPERATION TO 0 ° F, WIND BAFFLE, HARD WIRED THERMOSTAT/CONTROLLER, RESET TIMER TO AVOID RAPID CYCLING AND REFRIGERANT LINE KITS.
3. PROVIDE WITH VENTILATION AIR INTAKE KIT.
4. ALL UNITS ARE COOLING ONLY AND CFM'S LISTED ARE FOR HIGH SPEED/LOW SPEED FAN OPERATION.
5. MECHANICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED LOW-VOLTAGE CONTROL WIRING BETWEEN INDOOR AND OUTDOOR UNITS.

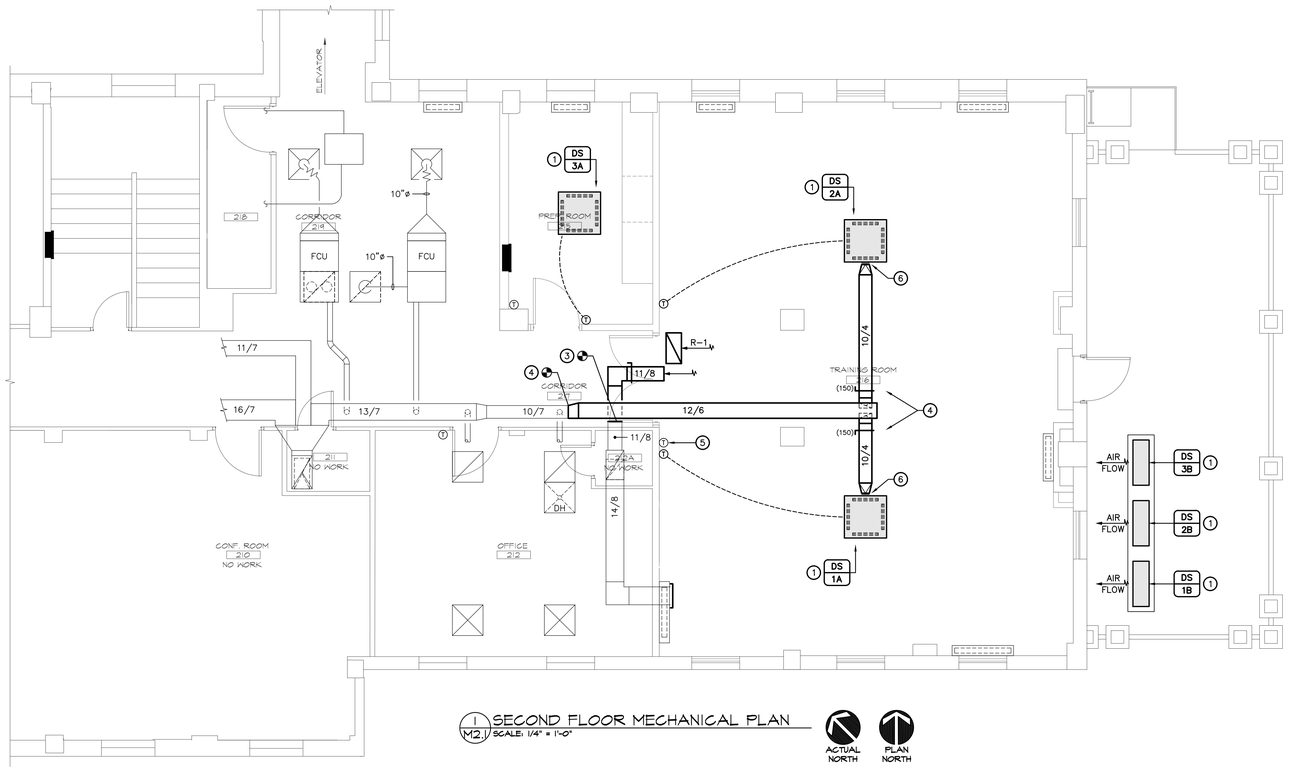


2 M2.1 SECOND FLOOR MECHANICAL PIPING PLAN
SCALE: 1/4" = 1'-0"

ACTUAL NORTH PLAN NORTH



1 **ROOF MOUNTED CONDENSING UNIT DETAIL**
NOT TO SCALE



1 M2.1 SECOND FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

ACTUAL NORTH PLAN NORTH

MECHANICAL KEYNOTES

1. NEW DUCTLESS SPLIT SYSTEM. INSTALL INDOOR UNIT IN LAY-IN CEILING. REFER TO ARCHITECTURAL PLAN. SUPPORT INDOOR UNIT FROM BUILDING STRUCTURE WITH THREADED RODS AND NEOPRENE VIBRATION HANGERS AT EACH CORNER OF UNIT PER MANUFACTURER'S RECOMMENDATION'S. ROUTE REFRIGERANT PIPING FROM INDOOR UNIT TO OUTDOOR UNIT LOCATED ON EXISTING ROOF. ROUTE REFRIGERANT PIPING DOWN IN NEW CHASE TO JUST ABOVE ADJACENT ROOF LEVEL. PROVIDE WEATHER-TIGHT PENETRATION AT WALL EXTERIOR WALL. SIZE AND ROUTE PIPING PER MANUFACTURER'S RECOMMENDATION'S. INSTALL OUTDOOR UNIT ON PAD PER DETAIL 1 ON THIS SHEET.
2. ROUTE CONDENSATE FROM INDOOR UNIT TO EXISTING CONDENSATE PIPING. FIELD VERIFY EXISTING PIPING LOCATION AND BEST ROUTING.
3. CONNECT NEW EA DUCT TO EXISTING. FIELD VERIFY EXISTING SIZE AND LOCATION.
4. CONNECT NEW VENTILATION AIR DUCT TO EXISTING AT LOCATION SHOWN. ROUTE AS HIGH AS POSSIBLE. OFFSET UNDER EXISTING BEAM AND PIPING AS NECESSARY. FIELD VERIFY BEST ROUTING.
5. RELOCATED THERMOSTAT. ALL HEATING FINTUBE/CONVECTORS IN NEW TRAINING ROOM 216 SHALL BE CONTROLLED BY THIS THERMOSTAT.
6. PROVIDE FLEXIBLE DUCT CONNECTION TO UNIT.

TEMPERATURE CONTROL NOTES

1. EXISTING TEMPERATURE CONTROL SYSTEM IS A PNEUMATIC SYSTEM. CONTROLS FOR NEW COOLING UNITS IN TRAINING ROOM AND PREP ROOM SHALL BE ELECTRONIC.
2. PROVIDE CONTROLS INTERLOCK TO PREVENT EXISTING HEATING FINTUBE UNITS IN TRAINING AND PREP ROOMS FROM OPERATING WHEN NEW COOLING UNITS IN TRAINING AND PREP ROOMS ARE OPERATING.

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Revisions:	Date

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SECOND FLOOR MECHANICAL PLANS

BUILDING FIVE
RENOVATE VBA CONFERENCE ROOM

VBA Lincoln, NE

Date	Checked by	Drawn by
February 22, 2012	MKL	SFP

Project Number: 636-12-803
Building Number: Five
Drawing Number: M2.1
Dwg. 6 of 9

CLH 2011-25

Office of Construction and Facilities Management
Department of Veterans Affairs

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