

GENERAL SHEET NOTES:

- ROOM THERMOSTATS SHALL BE INSTALLED AT EXISTING LOCATIONS UNLESS HEIGHT IS ABOVE ADA HEIGHT REQUIREMENTS. IF NEW, LOCATION IS REQUIRED INSTALL THERMOSTATS AT 46 INCHES AFF. ADA REQUIREMENTS: MAXIMUM 48 INCHES AFF.
- PROVIDE FLAT PLATE ROOM TEMP SENSOR OR DISPLAY ONLY THERMOSTAT TO SERVE CLASSROOMS. PROVIDE ADDITIONAL COVERPLATE AS NECESSARY IF THERMOSTAT RELOCATION IS REQUIRED PER GENERAL SHEET NOTE 1.
- GYPSUM BOARD WORK ASSOCIATED WITH THERMOSTATS: CUTTING, PATCHING, PLASTER PRIMER COAT, AND PREP FOR PAINTING PROVIDED BY GENERAL CONTRACTOR. FINAL PAINTING PROVIDED BY OWNER.

SHEET KEYNOTES:

- PROVIDE DDC ROOM TEMPERATURE SENSOR, COORDINATE WIRING WITH EXISTING BOOSTER HEATING COILS SHOWN ON FOUNDATION PLAN SHEETS.
- EXISTING CABINET UNIT HEATER. DEMOLISH ISOLATION VALVES, CONTROL VALVE, AND VALVE ACTUATOR. PROVIDE 1/4-TURN BALL-TYPE ISOLATION VALVES, BALANCE VALVE, LINE-VOLTAGE CONTROL VALVE, AND VALVE ACTUATOR. LOCATE LINE-VOLTAGE THERMOSTAT INSIDE CABINET IN RETURN AIR PATH. PROVIDE DDC TEMPERATURE SENSOR IN RETURN AIR PATH FOR MONITORING ONLY.
- EXISTING FINNED PIPE. DEMOLISH ISOLATION VALVES, CONTROL VALVE, AND VALVE ACTUATOR. PROVIDE 1/4-TURN BALL-TYPE ISOLATION VALVES, BALANCE VALVE, AND LINE-VOLTAGE CONTROL VALVE WITH INTEGRAL VALVE ACTUATOR. PROVIDE DDC TEMPERATURE SENSOR IN RETURN AIR PATH OF FINNED PIPE ENCLOSURE FOR MONITORING ONLY.
- EXISTING EXHAUST FAN. DEMOLISH EXISTING CONTROLS. PROVIDE DDC FAN START/STOP AND STATUS.
- UNDERFLOOR ACCESS

NOTE

- CUH-1, 200 GPM, 11.3 MBH 200°F ENT 50° DROP, 60°F EAT, 1/40 HP, TRANS MODEL H, SIZE 02 SEMI-RECESSED IN RECESSING FLANGE ACCESSORY- PROVIDE SPACER TRIM TO WALL.
- CUH-3, 375 GPM 26.6 MBH 200°F ENT 50° DROP, 60°F EAT, 1/40 HP, TRANS MODEL H, SIZE 06 SEMI-RECESSED IN RECESSING FLANGE ACCESSORY- PROVIDE

DESIGN	DA
DRAWN	KB
CHECKED	DM
DATE	FEBRUARY 7, 2018
PROJECT No.	16485JM/MRE18-200
SHEET NUMBER	M214
OF	23 SHEETS

No.	Date	Item
REVISIONS		

CONSULTANT :

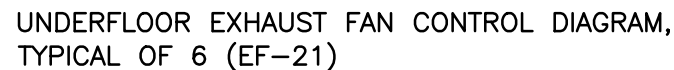


PROJECT :
**MENDENHALL RIVER COMMUNITY SCHOOL
CONTROLS UPGRADE PHASE II
CBJ PROJECT NO. MRE18-200**
JUNEAU, ALASKA

SHEET TITLE :
**PH 2 LEVEL 1 - EAST
WING**

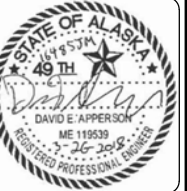
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SCALE: 0 4' 8' 16'



- | | |
|---|--|
| 1 | DEMOLISH EXISTING PNEUMATIC ACTUATOR. PROVIDE NEW DDC ACTUATOR. |
| 2 | DEMOLISH EXISTING PNEUMATIC ACTUATOR. PROVIDE NEW 24V OR LINE-VOLTAGE ACTUATOR. QUANTITY AS NOTED, FIELD VERIFY. |
| 3 | PROVIDE REPLACEMENT ISOLATION VALVES AND FLOWSETTER ALONG WITH CONTROL VALVE REPLACEMENT. |

CONCLUSIONS



**MENDENHALL RIVER COMMUNITY SCHOOL
CONTROLS UPGRADE PHASE II
CBJ PROJECT NO. MRE18-200**

JUNEAU, ALASKA

PH 2 TYPICAL
MECHANICAL DIAGRAMS

DESIGN	DA
DRAWN	KB
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DATE	FEBRUARY 7, 2018
PROJECT No.	
6485JM/MRE18-200	
SHEET NUMBER	
M221	
OF	23 SHEETS

