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| Colorado State University FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS | DRAWING: M-12A |
| | MECHANICAL DIV.23 |
| DATE: 03/04/2021 | |
| CHILL WATER COIL PIPING - AHU1 DETAIL | |

PLUG VALVE AND VENTURI FOR PIPING 2-1/2" AND LARGER. CALIBRATED BALANCE VALVE FOR 2" AND SMALLER

PROVIDE 36" LONG REMOVABLE INSULATION SECTION FOR ULTRASONIC FLOW METER.

MANUAL VENT VALVE

NOTE:
INSTALL CWS PIPING ON LEAVING AIR SIDE OF COIL (TYP.)

AIR FLOW

COIL COND. PAN, 3/4" TO BOTTOM DRAIN PAN

AIR FLOW

DRAIN PAN

CWR MAIN

CWS MAIN

NC
C
NO

3-WAY BY-PASS

CWS

CWR

P/T

P/T

P/T

CWS

3/4"

NOTE:
ARRANGE PIPING TO ALLOW COIL REMOVAL.

DRAIN VALVE W/HOSE END AND CAP

TRAP COIL CONDENSATE PIPING AT DRAIN PAN AS SHOWN AND RUN FULL SIZE TO NEAREST FLOOR DRAIN.

Colorado State University

FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

DRAWING:

M-12B

DATE: 03/04/2021

MECHANICAL
DIV.23

CHILL WATER COIL PIPING - AHU2 DETAIL