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 ninety-eight-inch = one foot
 ninety-eight-and-a-half inch = one foot
 ninety-nine-inch = one foot
 ninety-nine-and-a-half inch = one foot
 one-hundred-inch = one foot

GENERAL NOTES

- A THE INTENTION OF PHASE 1 IS TO MAKE PREPARATIONS TO SWITCH OVER TO TEMPORARY COOLING.
- B REFER TO SHEET M001 FOR LEGEND, ABBREVIATIONS AND ADDITIONAL GENERAL NOTES.

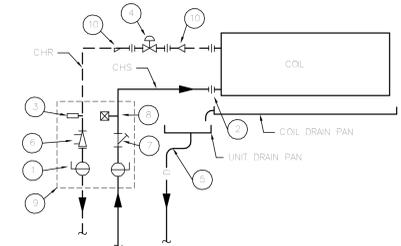
NOTES

- 1 EXISTING AIR HANDLING UNIT TO REMAIN.
- 2 EXISTING DUCTWORK TO REMAIN.
- 3 EXISTING PIPING TO REMAIN.
- 4 PIPING BEING REMOVED UNDER PROJECT NUMBER 539-13-107.
- 5 PROVIDE PLENUM BOX FULL SIZE OF OUTSIDE AIR CONNECTION.
- 6 FASTEN UNIT TO FLOOR OR SUSPEND FROM STRUCTURE WITH VIBRATION ISOLATORS.
- 7 PROVIDE MANUAL DAMPER, FOR BALANCING OR ISOLATION IN PHASE 2.
- 8 CONNECTION TO EXISTING UTILITY SHALL TAKE PLACE AT NIGHT, ON A HOLIDAY, OR OVER A WEEKEND. COORDINATE WITH PROJECT ENGINEER.
- 9 TRANSITION DUCT TO FULL SIZE OF UNIT CONNECTION. PROVIDE FLEXIBLE DUCT CONNECTOR.
- 10 PROVIDE TEMPORARY 1/20 HP AUTOMATIC CONDENSATE DRAIN PUMP WITH 80GPH CAPACITY, 115V CORD AND PLUG.
- 11 DISCHARGE CONDENSATE INTO EXISTING FLOOR DRAIN.
- 12 TERMINATE DUCT FOR EXTENSION IN PHASE 2.
- 13 REMOVE EXISTING DUCTWORK AND ASSOCIATED DAMPERS, SUPPORTS, ETC.
- 14 REMOVE EXISTING DUCTWORK BACK TO THIS POINT AND CAP FOR RECONNECTION IN PHASE 2.
- 15 REFER TO ENLARGED PLAN ON THIS SHEET FOR MORE DETAIL.
- 16 EXISTING RETURN FAN TO REMAIN.
- 17 EXISTING OUTSIDE AIR INTAKE PLENUM.

BID ITEM 4

DELETE ALL WORK ON THE SHEET AND PROVIDE SIX 1.5 TON TEMPORARY 120V CORD AND PLUG TEMPORARY INDOOR COOLING UNITS WHILE 1-AHU21 IS OUT OF SERVICE. LOCATE UNITS AND EXTEND HEAT DISCHARGE DUCTS AS DIRECTED BY PROJECT ENGINEER.

FAN COIL UNIT NOTES



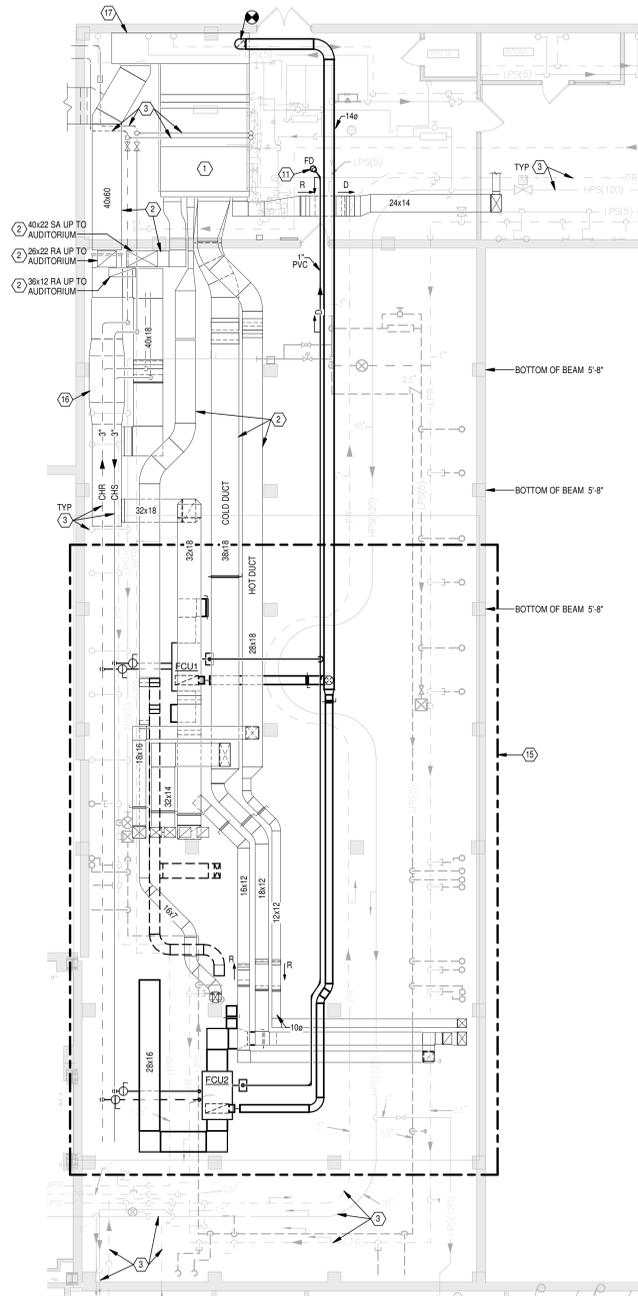
- 1 SHUT-OFF VALVE
- 2 UNION
- 3 MANUAL AIR VENT
- 4 AUTOMATIC TWO-PORT, NORMALLY OPEN CONTROL VALVE
- 5 0.75" CONDENSATE DRAIN PIPE. CONNECT TO UNIT PAN WITH FLEXIBLE POLYETHYLENE TUBING
- 6 FLOW CONTROLLER WITH INTEGRAL PRESSURE-TEMPERATURE TEST PLUGS
- 7 STRAINER
- 8 PRESSURE-TEMPERATURE TEST PLUG
- 9 SAME SIZE AS RUNOUT PIPING AND FACTORY ASSEMBLED.
- 10 REDUCER, IF REQUIRED.

FAN-COIL UNIT PIPING

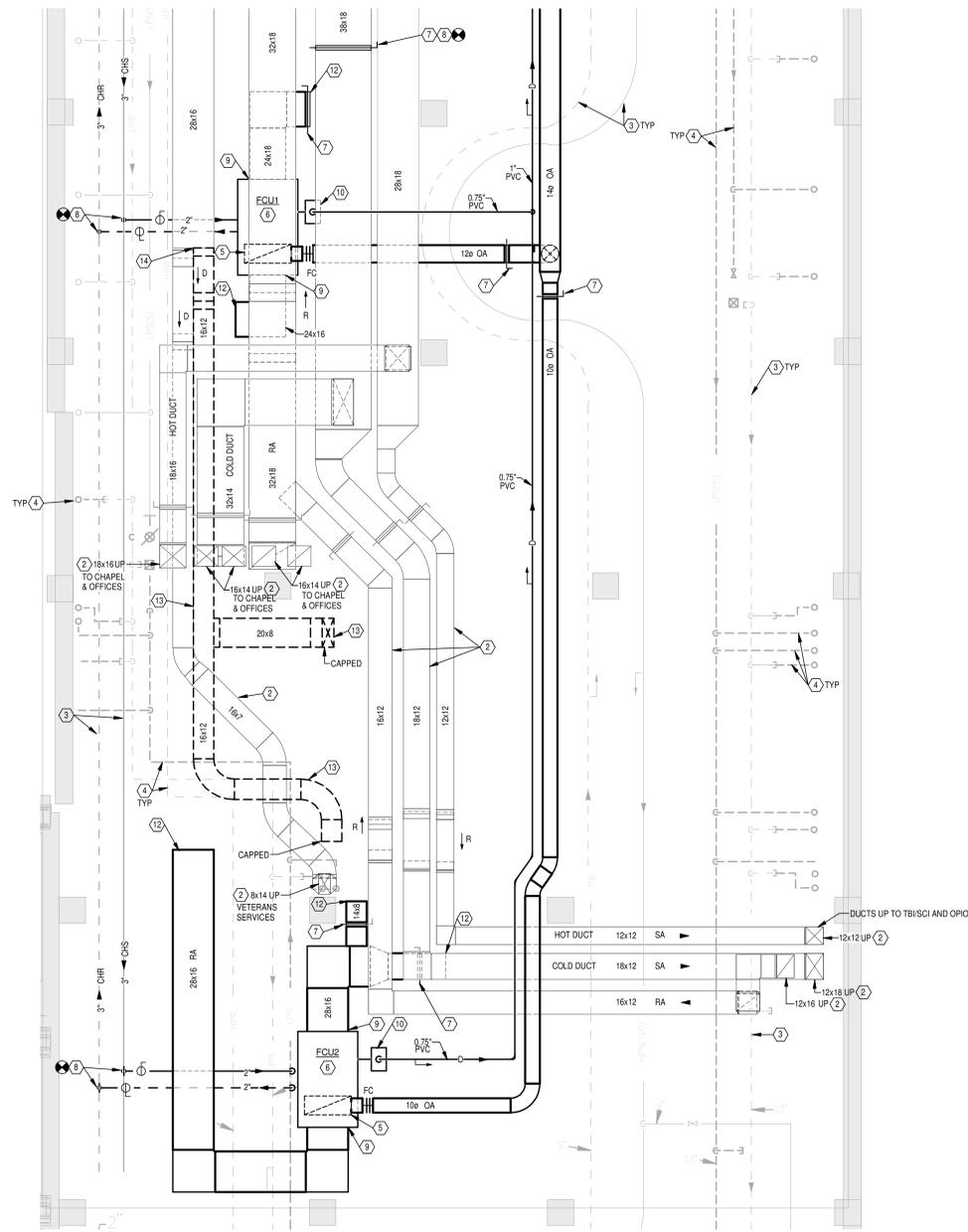
SCALE: NONE

WALL RATINGS

- 2 HOUR RATED FIRE WALL
- 1 HOUR RATED FIRE WALL
- 2 HOUR RATED FIRE/SMOKE WALL
- 1 HOUR RATED FIRE/SMOKE WALL
- 1 HOUR RATED SMOKE WALL



PHASE 1 - BASEMENT FLOOR PLAN - DUCTWORK
 Scale: 1/8" = 1'-0"



PHASE 1 - ENLARGED BASEMENT FLOOR PLAN
 Scale: 1/4" = 1'-0"

Revisions	Date
1 Amendment 1	10/20/2014

CONSULTANTS:



ARCHITECT/ENGINEERS:

Heapy Engineering
 MEP Design Technology Planning Commissioning Energy
Nationally Recognized Leader in Sustainability
 1400 W Dorothy Lane, Dayton, OH 45409-1310
 Ph 937-224-0861 Fax 937-224-5777 www.heapy.com
 HEAPY PROJECT No.: 2013-04024 FIRM LICENSE No.: 01528

Drawing Title

PHASE 1 - BASEMENT FLOOR PLAN

Approved: Project Director

Project Title

INSTALL NEW HVAC IN AUDITORIUM

Location **Cincinnati, Ohio**

Date **05/23/2014**

Checker **DLE** Drawn **WJS**

Project No. **539-15-202**

Building Number **1**

Drawing Number **MH101**

Dwg. of **xx**

Office of Construction and Facilities Management

Department of Veterans Affairs