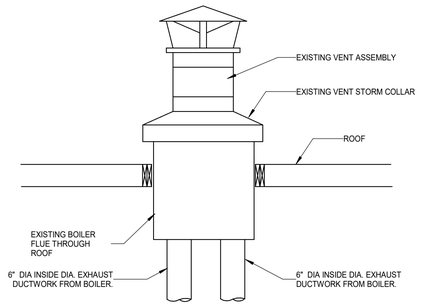
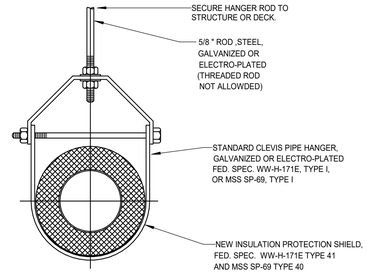
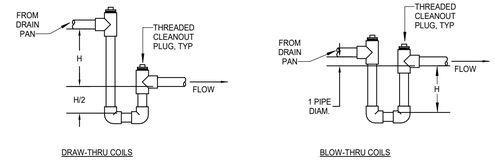


1 BOILER STACK DETAIL
NOT TO SCALE:

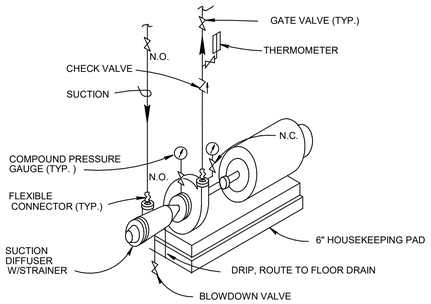


2 CEILING HUNG CLEVIS HANGER FOR INSULATED PIPE DETAIL
NOT TO SCALE:

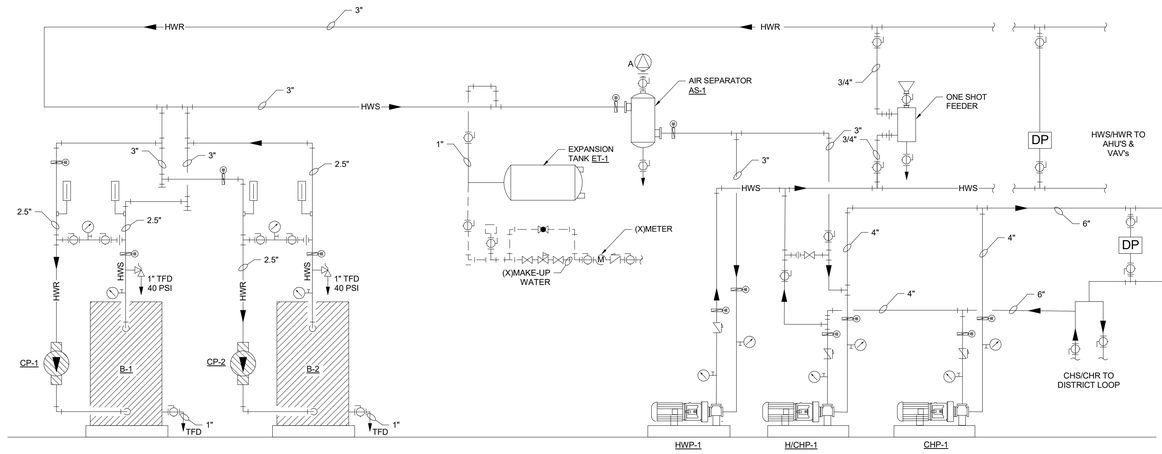


NOTES:
1. FOR DRAW-THRU COILS: H = FAN INLET PRESSURE (IN. W.C.) + 1", BUT NO LESS THAN 2".
2. FOR BLOW-THRU COILS: H = FAN OUTLET PRESSURE (IN. W.C.) + 1", BUT NO LESS THAN 2".
3. FAN INLET/OUTLET PRESSURE (WHICHEVER IS APPLICABLE) SHALL BE MEASURED DURING AIR TEST AND BALANCE. TRAP DEPTH SHALL BE ADJUSTED AS REQUIRED TO MEET OR EXCEED MINIMUM DEPTH.
4. PRE-FORMED RUNNING TRAPS ARE NOT ACCEPTABLE.
5. TRAP PIPE DIAMETER SHALL BE FULL SIZE OF FACTORY COIL CONNECTION, BUT NO LESS THAN 3/4".
6. CLEANOUT PLUGS MAY BE HAND-TIGHTENED FOR EASE OF REMOVAL.
7. TRAPS SHALL BE INSULATED AS SPECIFIED FOR CONDENSATE DRAIN PIPING.
8. TRAPS SHALL BE LOCATED WITHIN 4' OF THE COIL.
9. CONDENSATE DRAIN SHALL TERMINATE WITH AN INDIRECT CONNECTION HAVEING A MINIMUM 2" AIR GAP.

3 COIL CONDENSATE TRAP DETAIL
NOT TO SCALE:



4 END SUCTION PUMP DETAIL
NOT TO SCALE:



5 HOT WATER PIPING DIAGRAM
NOT TO SCALE:

Insight ENGINEERING

UNIVERSITY of ARKANSAS AT PINE BLUFF 1873

UAPB L.A. DAVIS STUDENT UNION

1200 UNIVERSITY DR, PINE BLUFF AR, 71601

REVISIONS:

No.	Description	Date

CONSTRUCTION DOCUMENTS

ISSUE DATE: 03-18-25

PROJECT NUMBER: 24-113

SHEET TITLE:
DETAILS - HVAC

SHEET NUMBER:
M301

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER NO. 19764 FALLON A LEE 03-18-25

INSIGHT ENGINEERING, PLLC CERTIFICATE OF AUTHORIZATION No. 3523 ARKANSAS