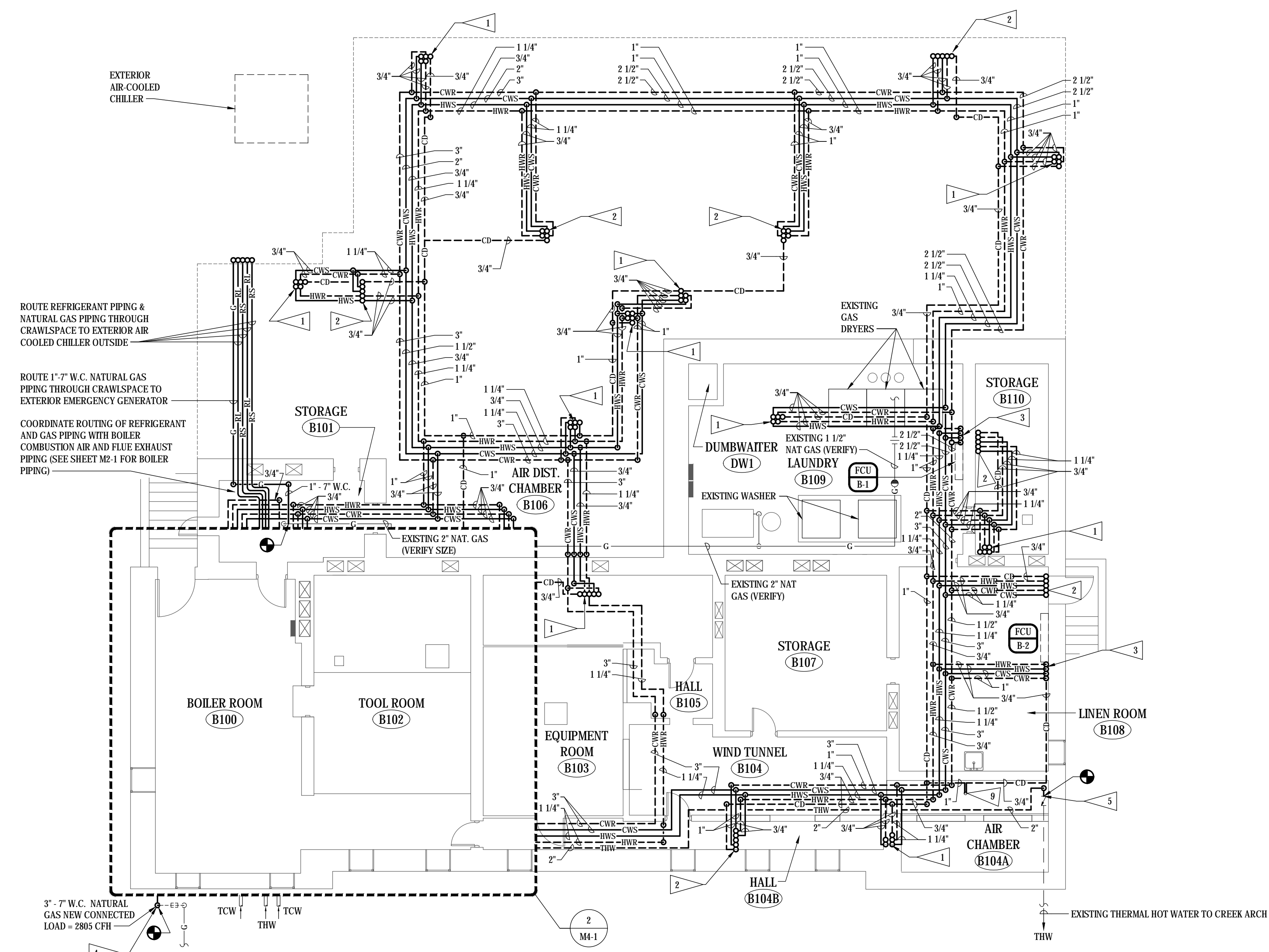


**FLAG NOTES**

- 1 3/4" CHILLED WATER SUPPLY & RETURN, 3/4" HEATING HOT WATER SUPPLY & RETURN AND 3/4" CONDENSATE DRAIN PIPING UP TO FAN COIL UNIT AT FIRST FLOOR.
- 2 1" CHILLED WATER SUPPLY & RETURN, 1" HEATING HOT WATER SUPPLY & RETURN AND 1" CONDENSATE DRAIN PIPING UP.
- 3 3/4" CHILLED WATER SUPPLY & RETURN, 3/4" HEATING HOT WATER SUPPLY & RETURN DOWN TO FAN COIL UNIT AT BASEMENT FLOOR.
- 4 ROUTE NEW 3" - 7" W.C. NATURAL GAS UP TO EXISTING GAS UTILITY PIPING AT OUTLET OF EXISTING GAS METER AND PRESSURE REGULATOR AND CONNECT WITH NEW PIPE TRANSITION.
- 5 CONNECT NEW 2" THERMAL WATER RETURN TO EXISTING THERMAL WATER RETURN OUT CREEK ARCH. PROVIDE REDUCER FITTING AHEAD OF CONNECTION TO EXISTING 3" CHECK VALVE.
- 6 DISCHARGE NEW CONDENSATE DRAINS OVER EXISTING FLOOR DRAIN. CONTRACTOR SHALL CLEAN FLOOR DRAIN GRATE AND POWER AUGER DRAIN LINE FOR A MINIMUM OF 50-FEET TO ENSURE FREE FLOW.



ROUTE REFRIGERANT PIPING & NATURAL GAS PIPING THROUGH CRAWLSPACE TO EXTERIOR AIR COOLED CHILLER OUTSIDE

ROUTE 1\"/>

COORDINATE ROUTING OF REFRIGERANT AND GAS PIPING WITH BOILER COMBUSTION AIR AND FLUE EXHAUST PIPING (SEE SHEET M2-1 FOR BOILER PIPING)

3\"/>

**BASEMENT FLOOR PLAN - HVAC PIPING**  
SCALE: 1/8\"/>

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**NOTE:**  
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawing or at site. lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.

FINAL CONSTRUCTION DOCUMENTS

A/E FIRM PRIME: KENNETH HAHN ARCHITECTS, INC. OMAHA, NE. SUBCONTRACTOR: ALVINE ENGINEERING OMAHA, NE.	DESIGNED: MRG DRAWN BY: MRG TECH. REVIEW: BAH DATE: 2/15/2024	SUB SHEET NO. <b>M3-1</b>	TITLE OF SHEET <b>BASEMENT FLOOR PLAN - HVAC PIPING</b> BUCKSTAFF BATHHOUSE HVAC HOT SPRINGS NATIONAL PARK HOT SPRINGS, AK	DRAWING NO. XXX/XXXX PMIS NO. 177425 SHEET 24 OF 60
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