

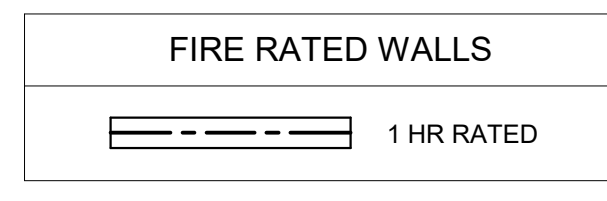
1 FIRST FLOOR PIPING PLAN

GENERAL NOTES:

- THERMOSTATS IN PUBLIC AND COMMON AREAS OTHER THAN CORRIDORS SHALL BE NOT HAVE LCD SCREEN BUT SHALL HAVE OVERRIDE BUTTON.
- MECHANICAL AND BAS CONTRACTORS SHALL REVIEW THE FINAL CASEWORK AND FFE DRAWINGS AND IDENTIFY POTENTIAL CONFLICTS WITH THERMOSTAT AND SENSOR LOCATIONS PRIOR TO ROUGH-IN. NOTIFY ARCHITECT AND ENGINEER OF CONFLICTS AND DISCREPANCIES.
- ALL THERMOSTATS, SENSORS, AND USER CONTROLS SHALL BE MOUNTED AT 48". DEVICES SHALL BE ALIGNED EXACTLY WITH ADJACENT DEVICES OF OTHER TRADES (LIGHT SWITCHES, OCC SENSORS, ETC.)
- ALL VALVES SHALL BE INSTALLED SUCH THAT THEY ARE EASILY ACCESSIBLE FROM BELOW THE CEILING. COORDINATE WITH OTHER TRADES, INCLUDING FIRE PROTECTION AND ELECTRICAL.
- PIPING RUNOUTS TO BLOWER FAN COIL UNITS SHALL NOT IMPEDE INTO CLEARANCE SPACE REQUIRED FOR SERVICING OR CONTROLS ENCLOSURE. PROVIDE FINAL CONNECTIONS PER DETAILS.

KEYNOTES:

- CHWS AND CHWR UP. SEE DRAWING M202 FOR CONTINUATION.
- CHWS AND HHWR UP. SEE DRAWING M202 FOR CONTINUATION.
- CHILLED WATER SYSTEM EXPANSION TANK
- CHILLED WATER SYSTEM AIR SEPARATOR
- CHILLED WATER SYSTEM CHEMICAL FEEDER
- UNIT TO BE INSTALLED ABOVE DOOR.
- MOUNT UNIT USING WALL BRACKET.
- PROVIDE CONDENSATE TRAP AT UNIT. SIZE SHALL BE AT LEAST MINIMUM OF CONNECTION SIZE. EXTEND TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM M01, AND TERMINATE WITH AIR GAP. REFER TO PLUMBING PLANS FOR FLOOR DRAIN LOCATIONS. ROUTE PIPING TO PREVENT TRIP HAZARD
- INSTALL REFRIGERANT LINES PER MANUFACTURERS RECOMMENDATIONS. ROUTE LINES FROM OUTDOOR CONDENSING UNIT TO ASSOCIATED INDOOR DUCTLESS UNIT.



**boomerang**  
DESIGN

*rethink, repurpose, results*

SHS/BJ  
201 S. Washington St., Suite 200  
Shelby, NC 28150  
704/966-6000

CHARLOTTE  
1230 W. Morehead St., Suite 214  
Charlotte, NC 28208  
704/731-7000

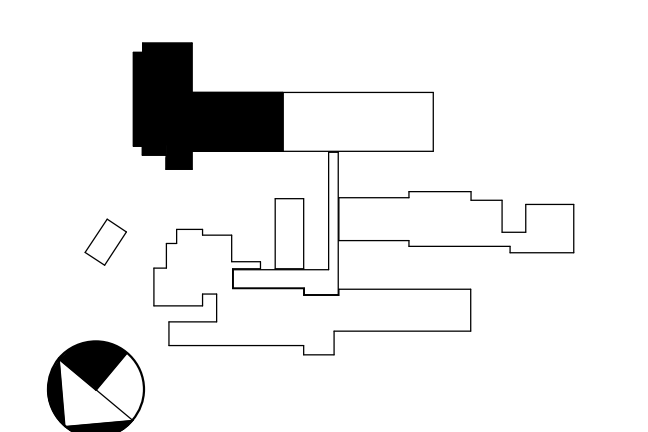
**RALEIGH**  
6131 Falls of Neuse Rd., Suite 204  
Raleigh, NC 27609  
919/975-6400

LEWISTON  
1070 S. Lake Dr., Suite J  
Lewiston, NC 28073  
803/754-0027

**Progressive Design Collaborative, Ltd.**  
3101 Poplarwood Court, Suite 320  
Raleigh, North Carolina 27604  
919-790-9989  
License# C-0183  
PROJECT #23015

COOPER ACADEMY  
A & R  
PROJECT TITLE

"CLIENT'S PROJECT" # - XXX



- THESE DRAWINGS ARE THE SOLE PROPERTY OF THE STATE OF NORTH CAROLINA. THE USE OF THESE DRAWINGS MUST COMPLY WITH GOOD STATE OF NORTH CAROLINA STANDARD FORM OF AGREEMENT BETWEEN OWNER AND DESIGNER.
- MATERIALS, DIMENSIONS AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE SPECIFIED ON THIS DRAWING SHALL BE CONTROLLED BY HAVING THE SAME MEANING AS SIMILARLY INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS OF THIS PROJECT.
- DO NOT SCALE OFF DIMENSIONS.

REVISIONS		
NO.	DATE	DESCRIPTION
2	02/26/2024	ADDENDUM 02

**BID SET**  
PROJECT PHASE

**2307**  
BOOMERANG DESIGN PROJECT NUMBER

**02.07.2024**  
DRAWING RELEASE DATE

FIRST FLOOR PIPING  
PLAN  
SHEET TITLE

M201

SHEET

2/26/2024 4:03:31 PM