

FIRE RATED WALLS
1 HR RATED

GENERAL NOTES:

- A. PLUMBING PIPING SHALL BE ACCESSIBLE WHERE POSSIBLE AND INSTALLED SO THAT NORMAL THERMAL EXPANSION OR CONTRACTION DOES NOT AFFECT THE PERFORMANCE OF THE SYSTEM - PLUMBING CONTRACTOR TO INFORM PLUMBING DESIGNER IF CONDITIONS REQUIRE EXPANSION OR CONTRACTION MEASURES BEYOND THAT SHOWN IN THESE DRAWINGS
- B. DOMESTIC HOT AND COLD WATER SUPPLY AND/OR RETURN/RECIRC. PIPING SHALL BE INSULATED AS REQUIRED AND AS SPECIFIED AND SHALL INCLUDE BRANCH SHUT-OFF VALVES AS SHOWN - PLUMBING CONTRACTOR TO INFORM PLUMBING DESIGNER IF CONDITIONS CREATE THE NEED FOR ADDITIONAL VALVES BEYOND THAT SHOWN IN THESE DRAWINGS

KEYNOTES:

- 1. PROVIDE NECESSARY MATERIALS AND MAKE CONNECTION TO DOMESTIC WATER PIPING PROVIDED BY SITE UTILITY CONTRACTOR.
- 2. 2 1/2" DOMESTIC WATER SERVICE BUILDING ENTRY. PROVIDE FULL-PORT BALL VALVE SHUT-OFF AND HOSE BIBB DRAIN IN VERTICAL RISE.
- 3. PROVIDE NECESSARY MATERIALS AND MAKE CONNECTION TO NATURAL GAS PIPING PROVIDED BY SITE UTILITY CONTRACTOR. COORDINATE PIPE ROUTE TO BUILDING ENTRANCE WITH SITE UTILITIES CONTRACTOR AND CIVIL DRAWINGS.
- 4. COORDINATE INSTALLATION OF GAS METER/SUB METER WITH GAS UTILITIES COMPANY/PROVIDER.
- 5. NATURAL GAS CONNECTION AT BOILER. PROVIDE UL AND FM LISTED FLEXIBLE CONNECTION, DIRT LEG, AND SHUTOFF - PROVIDE 1 1/2" CONNECTION. MAKE FINAL CONNECTION TO PRESSURE REGULATOR PROVIDED BY MECHANICAL CONTRACTOR.
- 6. 3/4" COLD WATER UP TO HW-3 ON EQUIPMENT PLATFORM. PROVIDE SHUT-OFF IN ACCESSIBLE LOCATION. REFER TO EQUIPMENT PLATFORM PLAN FOR CONTINUATION.

2 FIRST FLOOR WATER AND GAS PLAN - CHILLER YARD

1/8" = 1'-0"

1 FIRST FLOOR WATER AND GAS PLAN

1/8" = 1'-0"

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**COOPER ACADEMY
A & R**
PROJECT TITLE

"CLIENT'S PROJECT" # - XXX



02/19/2024
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- 1. 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.
- 2. MATERIALS, DIMENSIONS AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE SPECIFIED ON THIS DRAWING SHALL BE CONTROLLED BY AVOIDING THE SAME MEANINGS AS SIMILARLY INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS OF THIS PROJECT.
- 3. DO NOT SCALE OFF DIMENSIONS.

NO.	DATE	DESCRIPTION
1	02/20/2024	ADDENDUM 01

BID SET
PROJECT PHASE
2307
BOOMERANG DESIGN PROJECT NUMBER
02.07.2024
DRAWING RELEASE DATE

**FIRST FLOOR WATER
AND GAS PLAN**
SHEET TITLE

P202
SHEET

2/19/2024 3:33:39 PM