

FIRE RATED WALLS
1 HR RATED

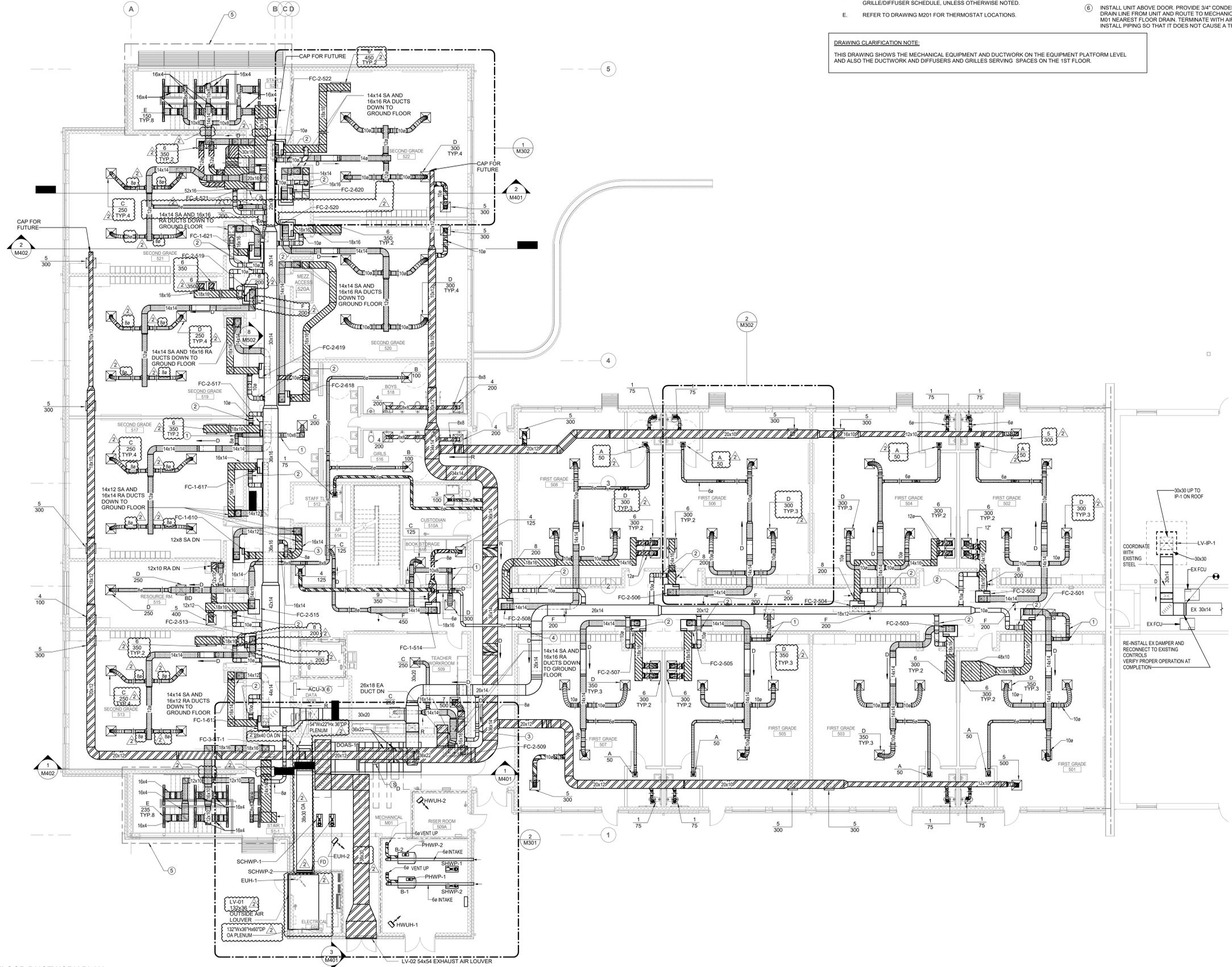
GENERAL NOTES:

- A. PROVIDE BALANCING DAMPERS ON ALL LOW PRESSURE SUPPLY, RETURN, AND EXHAUST BRANCH DUCTS AND RUNOUTS. ALL BALANCING DAMPERS SHALL BE EASILY ACCESSIBLE AND IDENTIFIED WITH FLAG OR ORANGE PAINT.
- B. ALL DUCT DIMENSIONS ARE INSIDE CLEAR.
- C. IN HARD CEILING PROVIDE BALANCING DAMPER WITH 30 INCHES OF DIFFUSER GRILLE. PROVIDE ACCESSORY ALUMINUM MOUNT FRAME / PLASTER FRAME FOR HARD CEILING THAT ALLOWS DIFFUSER WITH FLEX CONNECTION TO BE LIFTED OUT OF FRAME TO ACCESS CEILING SPACE.
- D. BRANCH RUNOUTS TO DIFFUSERS SHALL BE THE SIZE LISTED ON THE GRILLE/DIFFUSER SCHEDULE, UNLESS OTHERWISE NOTED.
- E. REFER TO DRAWING M201 FOR THERMOSTAT LOCATIONS.

KEYNOTES:

- ① DROP DOWN AND RUN DUCTWORK SERVING SUPPLY DIFFUSER IN THE CEILING, BELOW EQUIPMENT PLATFORM FLOOR.
- ② BALANCE OA TO 300 CFM.
- ③ BALANCE OA TO 100 CFM.
- ④ BALANCE TO 75 CFM.
- ⑤ DUCTWORK WITHIN THE STAIRWELL AREA SHALL HAVE PAINT GRIP FINISH TO BE PAINTED FLAT BLACK.
- ⑥ INSTALL UNIT ABOVE DOOR. PROVIDE 3/4" CONDENSATE DRAIN LINE FROM UNIT AND ROUTE TO MECHANICAL ROOM M01 NEAREST FLOOR DRAIN. TERMINATE WITH AIR GAP. INSTALL PIPING SO THAT IT DOES NOT CAUSE A TRIP HAZARD.

DRAWING CLARIFICATION NOTE:
THIS DRAWING SHOWS THE MECHANICAL EQUIPMENT AND DUCTWORK ON THE EQUIPMENT PLATFORM LEVEL AND ALSO THE DUCTWORK AND DIFFUSERS AND GRILLES SERVING SPACES ON THE 1ST FLOOR.



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COOPER ACADEMY A & R
PROJECT TITLE

"CLIENT'S PROJECT" # - XXX

PROFESSIONAL SEAL
STATE OF NORTH CAROLINA
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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 ADOPTING THE SAME MEANINGS AS EARLIER INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THE PROJECT OR OTHER DRAWINGS OF THIS PROJECT.
3. DO NOT SCALE OFF DIMENSIONS.

NO.	DATE	DESCRIPTION
2	02/28/2024	ADDENDUM 02

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

FIRST FLOOR AND EQUIPMENT PLATFORM DUCTWORK PLAN
SHEET TITLE

M102
SHEET

2/26/2024 4:03:28 PM

1 FIRST FLOOR DUCTWORK PLAN
1" = 1'-0"