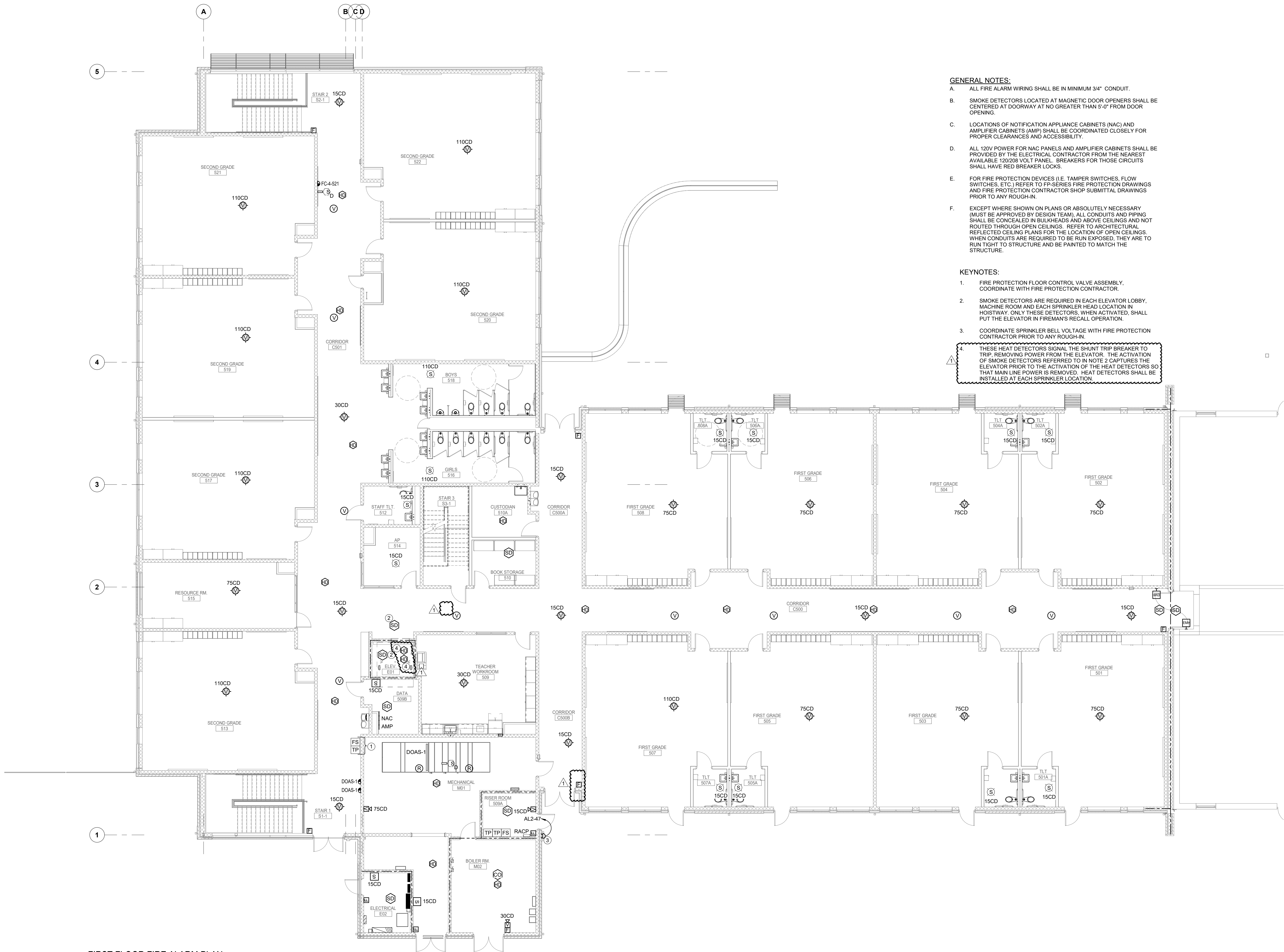


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1 FIRST FLOOR FIRE ALARM PLAN

0 4 8 16'  
1/8" = 1'-0"



GENERAL NOTES:

- ALL FIRE ALARM WIRING SHALL BE IN MINIMUM 3/4" CONDUIT.
- SMOKE DETECTORS LOCATED AT MAGNETIC DOOR OPENERS SHALL BE CENTERED AT DOORWAY AT NO GREATER THAN 5'-0" FROM DOOR OPENING.
- LOCATIONS OF NOTIFICATION APPLIANCE CABINETS (NAC) AND AMPLIFIER CABINETS (AMP) SHALL BE COORDINATED CLOSELY FOR PROPER CLEARANCES AND ACCESSIBILITY.
- ALL 120V POWER FOR NAC PANELS AND AMPLIFIER CABINETS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR FROM THE NEAREST AVAILABLE 120/208 VOLT PANEL. BREAKERS FOR THOSE CIRCUITS SHALL HAVE RED BREAKER LOCKS.
- FOR FIRE PROTECTION DEVICES (I.E. TAMPER SWITCHES, FLOW SWITCHES, ETC.) REFER TO FP-SERIES FIRE PROTECTION DRAWINGS AND FIRE PROTECTION CONTRACTOR SHOP SUBMITTAL DRAWINGS PRIOR TO ANY ROUGH-IN.
- EXCEPT WHERE SHOWN ON PLANS OR ABSOLUTELY NECESSARY (MUST BE APPROVED BY DESIGN TEAM), ALL CONDUITS AND PIPING SHALL BE CONCEALED IN BULKHEADS AND ABOVE CEILINGS AND NOT ROUTED THROUGH OPEN CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR THE LOCATION OF OPEN CEILINGS. WHEN CONDUITS ARE REQUIRED TO BE RUN EXPOSED, THEY ARE TO RUN TIGHT TO STRUCTURE AND BE PAINTED TO MATCH THE STRUCTURE.

KEYNOTES:

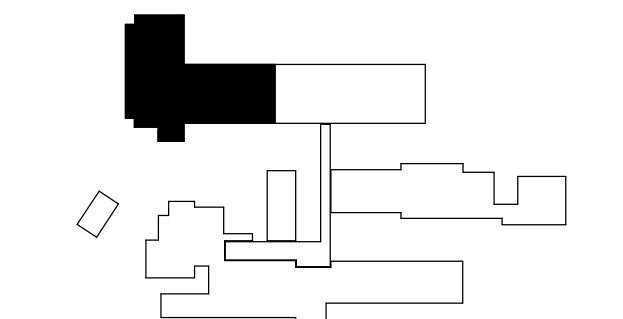
- FIRE PROTECTION FLOOR CONTROL VALVE ASSEMBLY. COORDINATE WITH FIRE PROTECTION CONTRACTOR.
- SMOKE DETECTORS ARE REQUIRED IN EACH ELEVATOR LOBBY, MACHINE ROOM AND EACH SPRINKLER HEAD LOCATION IN HOISTWAY. ONLY THESE DETECTORS, WHEN ACTIVATED, SHALL PUT THE ELEVATOR IN FIREMAN'S RECALL OPERATION.
- COORDINATE SPRINKLER BELL VOLTAGE WITH FIRE PROTECTION CONTRACTOR PRIOR TO ANY ROUGH-IN.

4 THESE HEAT DETECTORS SIGNAL THE SHUNT TRIP BREAKER TO TRIP, REMOVING POWER FROM THE ELEVATOR. THE ACTIVATION OF SMOKE DETECTORS REFERRED TO IN NOTE 2 CAPTURES THE ELEVATOR PRIOR TO THE ACTIVATION OF THE HEAT DETECTORS SO THAT MAIN LINE POWER IS REMOVED. HEAT DETECTORS SHALL BE INSTALLED AT EACH SPRINKLER LOCATION.

FIRE RATED WALLS  
1 HR RATED

**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 COORDINATED AS 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
1	02/28/2024	ADDENDUM 01

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

**FIRST FLOOR FIRE  
ALARM PLAN**  
SHEET TITLE  
**E402**  
SHEET