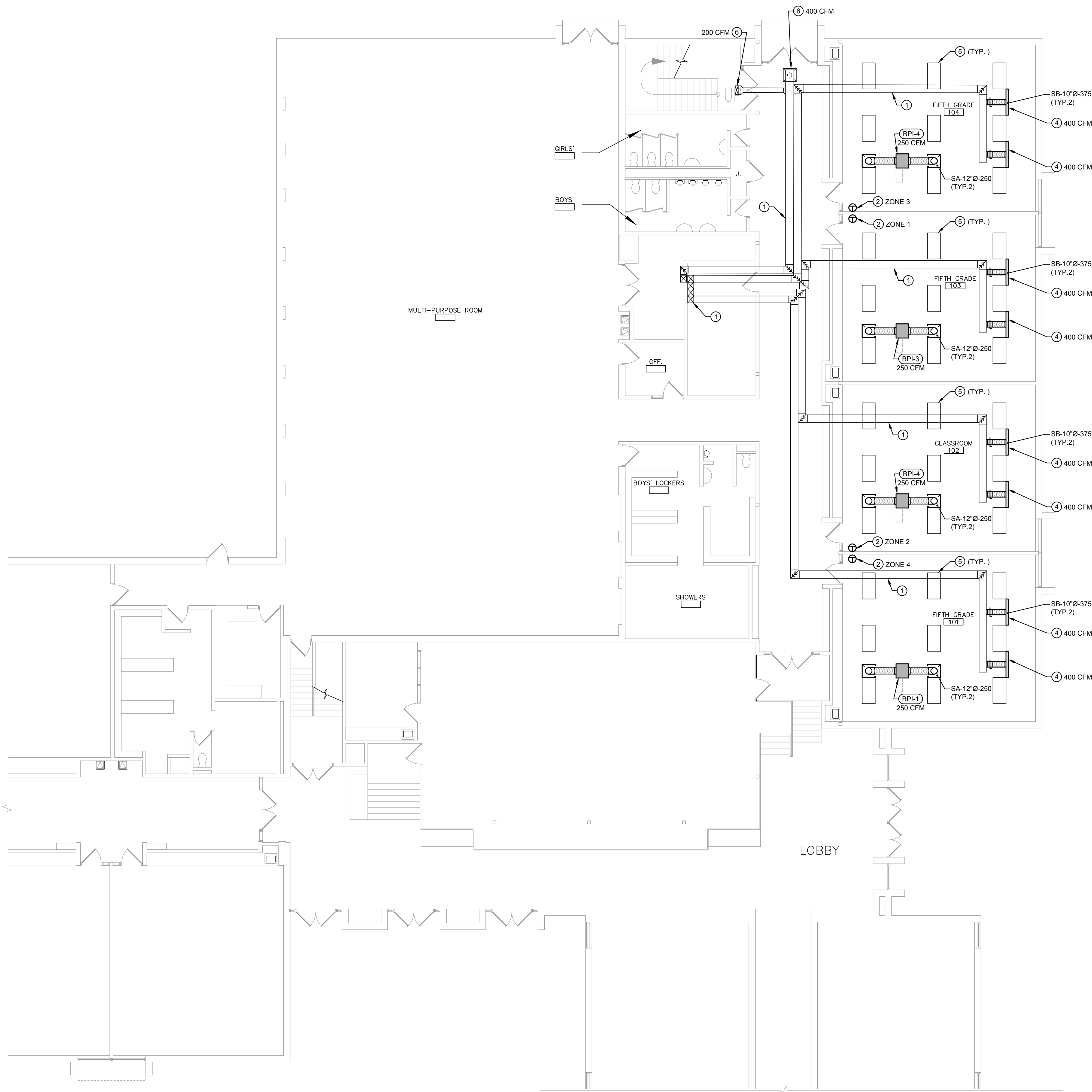
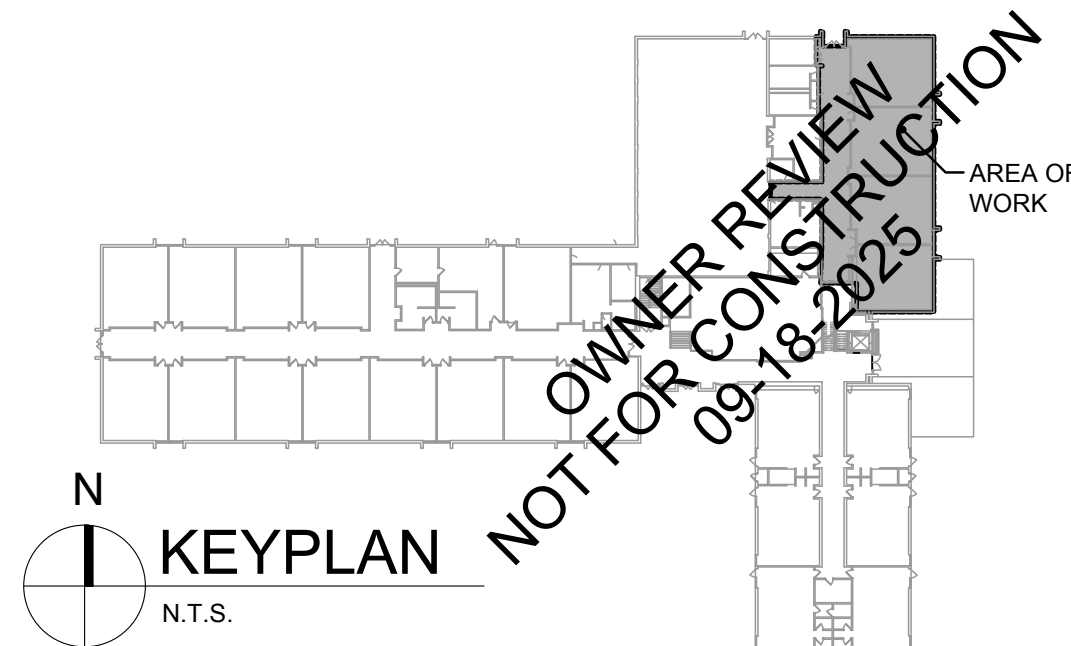
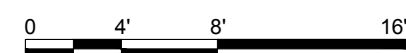


MURPHY ELEMENTARY SCHOOL FIRST FLOOR HVAC PLAN

SCALE 1/8" = 1'-0"



CEILING WORK NOTE:
THIS CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE, RESTORE, OUT, PATCH, PAINT, ETC. ALL CEILING WORK REQUIRED TO PERFORM THIS CONTRACTORS WORK. THIS INCLUDES REMOVAL AND REPLACEMENT OF LIGHTS, SPEAKERS, SMOKE DETECTORS, ETC., AS WELL AS REPLACEMENT OF ANY CEILING TRACK & TILES DAMAGED DURING CONSTRUCTION/DEMOLITION. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO DOCUMENT ANY DAMAGED CEILING TILES OR COMPONENTS PRIOR TO CONSTRUCTION/DEMOLITION. THIS CONTRACTOR RESPONSIBLE FOR ALL ASSOCIATED COSTS. CONTRACTOR SHALL PROVIDE ACCESS PANELS AS REQUIRED.

BUILDING AUTOMATION SYSTEM NOTES:
ALL CONTROL WORK SHALL BE AN EXTENSION OF THE EXISTING INTELLI-BUILDING, BUILDING AUTOMATION SYSTEM (BAS) CURRENTLY INSTALLED IN THE BUILDING. CONTACT RICK #REUND 312.735.6546 OR RICK@INTELLI-BUILDING.COM
TEMPERATURE CONTROLS CONTRACTOR SHALL RE-PROGRAM EXISTING BUILDING AUTOMATION SYSTEM AS REQUIRED, AND/OR PROVIDE NEW CONTROLS. UPDATE ALL EXISTING/NEW IDENTIFICATION TAGS AS REQUIRED.
PRIOR TO DEMOLITION, THE HVAC CONTRACTOR SHALL COORDINATE, WITH THE CONTROLS CONTRACTOR, THE REMOVAL OF ALL EQUIPMENT SO THE EQUIPMENT CAN BE TAKEN OFF-LINE AND CONTROL WIRING REMOVED FROM DEVICE.

- DRAWING NOTES:**
- EXISTING DUCTWORK, DIFFUSERS, REGISTERS, AND GRILLES TO REMAIN.
 - PROVIDE NEW DDC THERMOSTAT INCLUDING ALL ASSOCIATED CONDUIT, WIRING, ETC. LOCATE ABOVE ANY ACCESSIBLE CEILING BETWEEN THERMOSTAT AND THE ZONE CONTROLLER IT CONTROLS. COORDINATE WITH UNIT MANUFACTURE AND EXISTING DISTRICT BUILDING AUTOMATION SYSTEM (INTELLI BUILDING CONTROL SYSTEMS)
 - CONNECT EXISTING ZONE DUCTWORK TO NEW CME MULTI-ZONE ROOFTOP UNIT.
 - BASE BID:** REBALANCE EXISTING AIR TERMINAL TO AIRFLOW RATE INDICATED.
ALTERNATE 2: PROVIDE NEW TITUS 10" Ø LINEAR DIFFUSER, NEW 10" DIAMETER BRANCH DUCTWORK BETWEEN DIFFUSER AND EXISTING SUPPLY MAIN, NEW VOLUME DAMPER AND MODIFIED CONNECTION AT SUPPLY MAIN. FIELD VERIFY EXACT LOCATION OF NEW DIFFUSER IN EXISTING 2x4 CEILING TO AVOID LIGHT FIXTURE AIR PATH OBSTRUCTION. ADJUST PATTERN DEFLECTORS PER DETAIL. BALANCE TO AIRFLOW RATE INDICATED.
 - EXISTING 2x4 BELOW CEILING MOUNTED LIGHT FIXTURE TO REMAIN. FIELD VERIFY EXACT LOCATION.
 - EXISTING DIFFUSERS TO REMAIN. BALANCE TO AIRFLOW RATE INDICATED.

Revisions	ISSUED FOR BID

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MURPHY ELEMENTARY SCHOOL
FIRST FLOOR HVAC PLAN

2025 HVAC UPGRADES
Murphy Elementary School, 220 Greenwood Dr, Round Lake Park, IL 60073
Round Lake Middle School, 2000 N Lotus Dr, Round Lake Heights, IL 60073
ROUND LAKE CUSD 116
510 N. CEDAR LAKE ROAD
ROUND LAKE, IL 60073

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