



Addendum No. 2

**Architectural and Mechanical Energy Upgrades
at Pine Street School – Phase 3
McMillan Pazdan Smith Project No. 018441
November 21, 2019**

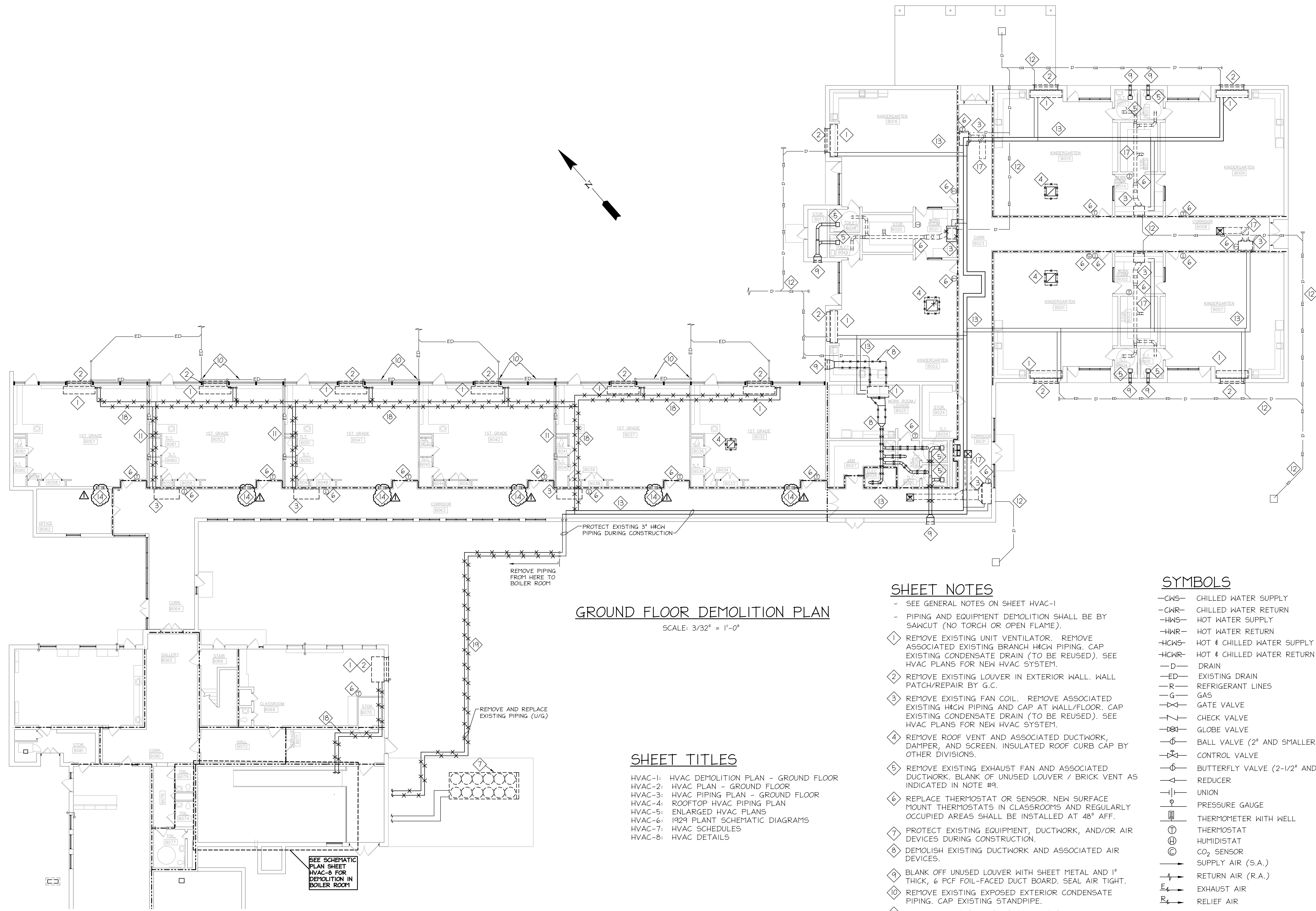
The following clarifications, amendments, additions, deletions, revisions, and/or modifications are hereby made a part of the Contract Documents, and change the original documents only in the manner and to the extent stated below:

- Item No. 1: **Architectural Drawings – Sheet A2.11 – Ground Floor Plan - A1/A2.11 Ground Floor Plan – Area G1:**
At corridor B063 and Office B062, after removal of the transfer grills per mechanical drawing HVAC-1, infill the remaining openings with concrete block to match the existing wall thickness at each location. Paint the north wall at Office B062 in its entirety. Paint Corridors B064 and B063 in their entirety EXCEPT for the glazed block. Do not paint the glazed block.
- Item No. 2: **Mechanical Drawings – Sheet HVAC-1 – HVAC Demolition Plan – Ground Floor:**
Delete the previously issued sheet HVAC-1 in its entirety and insert the attached drawing HVAC-1 into the contract documents.

End of Addendum No. 2

This addendum contains 1 Summary Pages
 1 30x42 Drawing Sheets

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GROUND FLOOR DEMOLITION PLAN
SCALE: 3/32" = 1'-0"

- SHEET TITLES**
- HVAC-1: HVAC DEMOLITION PLAN - GROUND FLOOR
 - HVAC-2: HVAC PLAN - GROUND FLOOR
 - HVAC-3: HVAC PIPING PLAN - GROUND FLOOR
 - HVAC-4: ROOFTOP HVAC PIPING PLAN
 - HVAC-5: ENLARGED HVAC PLANS
 - HVAC-6: 1929 PLANT SCHEMATIC DIAGRAMS
 - HVAC-7: HVAC SCHEDULES
 - HVAC-8: HVAC DETAILS

- GENERAL NOTES:**
- 1) PROVIDE ACCESS DOORS AT EACH MOTORIZED DAMPER AND EACH FIRE DAMPER NOT ACCESSIBLE FROM A GRILLE; SEE SPECS FOR SIZE.
 - 2) PROVIDE 27" MIN CLEARANCE AT FILTER HOUSINGS FOR FILTER REMOVAL
 - 3) SEE ARCH. DWGS FOR EXACT LOUVER AND BRICK VENT LOCATIONS.
 - 4) FIELD COORDINATE ROUTING OF DUCTWORK PRIOR TO DUCTWORK FABRICATION.
 - 5) SLOPE ALL CONDENSATE LINES MIN. 1/8" PER FOOT.
 - 6) MINIMUM BRANCH CONDENSATE LINE SIZE SHALL BE 1" UNLESS NOTED OTHERWISE ON PLANS.
 - 7) SEE ARCH. DWGS FOR EXACT SIDEWALL REGISTER AND GRILL ELEVATION & LOCATION.
 - 8) MAXIMUM LENGTH OF FLEXIBLE DUCTWORK AT END OF BRANCH DUCTWORK SHALL BE 6'-0"
 - 9) CONCRETE HOUSEKEEPING PADS SHALL BE BY OTHER DIVISIONS, SEE "A" DWGS.

- SHEET NOTES**
- SEE GENERAL NOTES ON SHEET HVAC-1
 - PIPING AND EQUIPMENT DEMOLITION SHALL BE BY SAWCUT (NO TORCH OR OPEN FLAME).
 - 1) REMOVE EXISTING UNIT VENTILATOR. REMOVE ASSOCIATED EXISTING BRANCH H2O PIPING. CAP EXISTING CONDENSATE DRAIN (TO BE REUSED). SEE HVAC PLANS FOR NEW HVAC SYSTEM.
 - 2) REMOVE EXISTING LOUVER IN EXTERIOR WALL. WALL PATCH/REPAIR BY G.C.
 - 3) REMOVE EXISTING FAN COIL. REMOVE ASSOCIATED EXISTING H2O PIPING AND CAP AT WALL/FLOOR. CAP EXISTING CONDENSATE DRAIN (TO BE REUSED). SEE HVAC PLANS FOR NEW HVAC SYSTEM.
 - 4) REMOVE ROOF VENT AND ASSOCIATED DUCTWORK, DAMPER, AND SCREEN. INSULATED ROOF CURB CAP BY OTHER DIVISIONS.
 - 5) REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK. BLANK OF UNUSED LOUVER / BRICK VENT AS INDICATED IN NOTE #9.
 - 6) REPLACE THERMOSTAT OR SENSOR. NEW SURFACE MOUNT THERMOSTATS IN CLASSROOMS AND REGULARLY OCCUPIED AREAS SHALL BE INSTALLED AT 48" AFF.
 - 7) PROTECT EXISTING EQUIPMENT, DUCTWORK, AND/OR AIR DEVICES DURING CONSTRUCTION.
 - 8) DEMOLISH EXISTING DUCTWORK AND ASSOCIATED AIR DEVICES.
 - 9) BLANK OFF UNUSED LOUVER WITH SHEET METAL AND 1" THICK, 6 PCF FOIL-FACED DUCT BOARD. SEAL AIR TIGHT.
 - 10) REMOVE EXISTING EXPOSED EXTERIOR CONDENSATE PIPING. CAP EXISTING STANDPIPE.
 - 11) REMOVE EXISTING CONDENSATE DRAIN.
 - 12) PROTECT EXISTING CONDENSATE DRAIN DURING CONSTRUCTION.
 - 13) EXISTING H2O PIPING MAINS (INSTALLED IN 1998) TO BE RE-PURPOSED FOR CW PIPING. PROTECT PIPING AND INSULATION DURING CONSTRUCTION. REMOVE INSULATION AT HANGERS AND PROVIDE RIGID INSERTS AS INDICATED IN THE SPECIFICATIONS.
 - 14) REMOVE EXISTING TRANSFER GRILLE. WALL PATCHING BY G.C.
 - 15) NOT USED.
 - 16) NOT USED.
 - 17) EXISTING DUCT TO BE REUSED. REMOVE EXISTING AIR DEVICES. SEE HVAC PLAN FOR NEW AIR DEVICES.
 - 18) REMOVE EXISTING H2O PIPING. PROTECT EXISTING HANGERS DURING CONSTRUCTION.
 - 19) REMOVE EXISTING H2O PIPING.

- SYMBOLS**
- CWS- CHILLED WATER SUPPLY
 - CWR- CHILLED WATER RETURN
 - HWS- HOT WATER SUPPLY
 - HWR- HOT WATER RETURN
 - HCWS- HOT & CHILLED WATER SUPPLY
 - HCWR- HOT & CHILLED WATER RETURN
 - D- DRAIN
 - ED- EXISTING DRAIN
 - R- REFRIGERANT LINES
 - G- GAS
 - GV- GATE VALVE
 - CV- CHECK VALVE
 - GV- GLOBE VALVE
 - BV- BALL VALVE (2" AND SMALLER)
 - BV- BUTTERFLY VALVE (2-1/2" AND LARGER)
 - R- REDUCER
 - U- UNION
 - PG- PRESSURE GAUGE
 - TW- THERMOMETER WITH WELL
 - T- THERMOSTAT
 - H- HUMIDISTAT
 - CS- CO2 SENSOR
 - SA- SUPPLY AIR (S.A.)
 - RA- RETURN AIR (R.A.)
 - EA- EXHAUST AIR
 - RA- RELIEF AIR
 - AD- ACCESS DOOR
 - FD- FIRE DAMPER
 - CS- CIRCUIT SETTER
 - TP- TEMP/PRESS SENSING PORT
 - PRV- PRESSURE REDUCING VALVE
 - FC- FLEXIBLE COUPLING
 - MAV- MANUAL AIR VENT
 - AAV- AUTOMATIC AIR VENT
 - S- STRAINER
 - DPS- DIFFERENTIAL PRESS. SENSOR
 - O/H- OVERHEAD
 - U/G- UNDERGROUND
 - VD- VOLUME DAMPER
 - CO- CLEAN OUT

**SPARTANBURG SCHOOL DISTRICT SEVEN
PHASE THREE ARCHITECTURAL AND
MECHANICAL UPGRADES
TO PINE STREET SCHOOL**

SHEET ISSUE:			
NO.	DATE	DESCRIPTION	BY
1	11/21/19	ADDENDUM #2	WHC

CONSTRUCTION DRAWINGS 11/04/2019

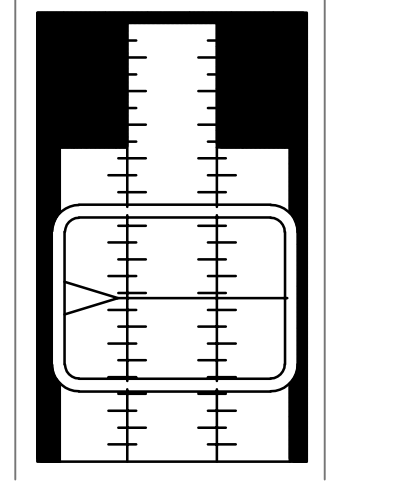
PRINCIPAL IN CHARGE: WHC
PROJECT ENGINEER: WHC
DRAWN BY: WHC

SHEET TITLE:
**HVAC DEMOLITION PLAN -
GROUND FLOOR**

SHEET NO. CBE PROJ. NO.
1345.5

HVAC-1

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CONSULTANT LOGO

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