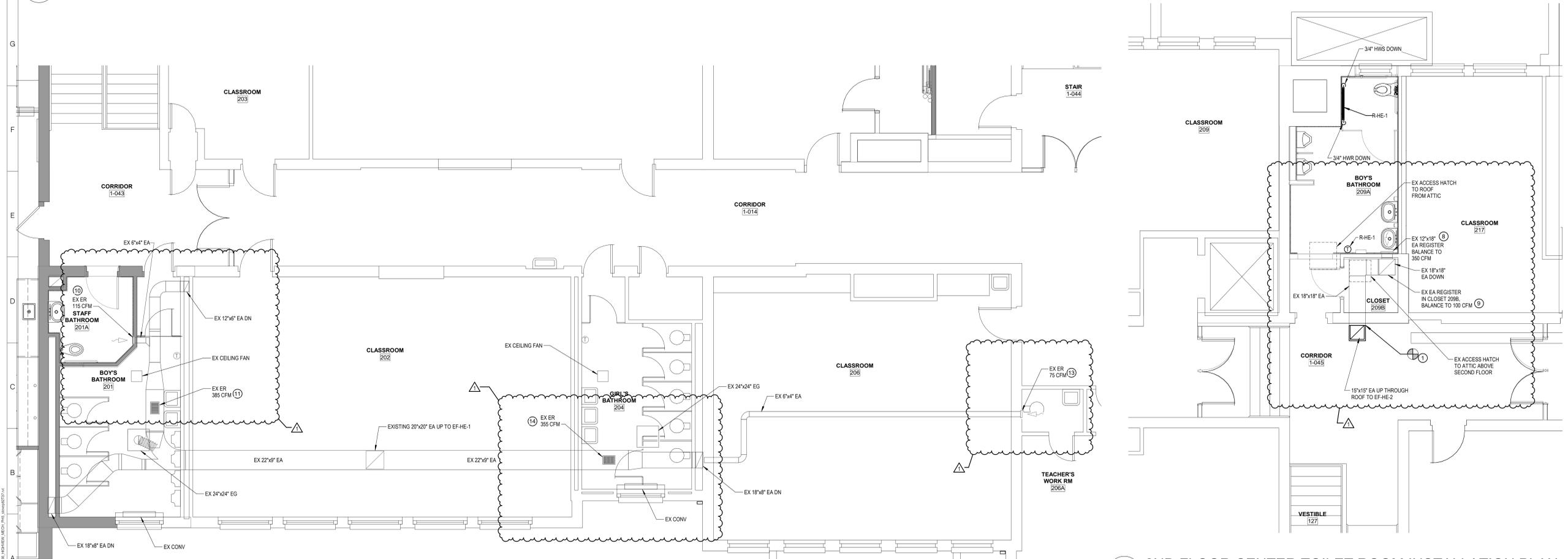


H1 1ST FLOOR SECURITY VESTIBULE PLAN
1/4" = 1'-0"



A18 2ND FLOOR NORTH TOILET ROOMS INSTALLATION PLAN
1/4" = 1'-0"

A6 2ND FLOOR CENTER TOILET ROOM INSTALLATION PLAN
1/4" = 1'-0"

- KEYED NOTES:**
- CONNECT TO EXISTING HORIZONTAL 18"x18" EA DUCT LOCATED IN ATTIC SPACE ABOVE SECOND FLOOR AND EXTEND THE HORIZONTAL DUCT AS SHOWN, THEN PROVIDE A 15"x15" TAP OFF THE TOP OF THE HORIZONTAL 18"x18" EA DUCT AND ROUTE THE 15"x15" EA RISER UP THROUGH ROOF TO EF-HE-2.
 - REINSTALL SALVAGED TEMPERATURE SENSOR AT LOCATION SHOWN. EXTEND CONTROL WIRING FROM ORIGINAL SENSOR LOCATION TO REINSTALLED LOCATION.
 - CONNECT TO EXISTING 3/4" HWSR PIPING BETWEEN CONNECTION POINTS SHOWN AND RECONNECT HWSR PIPING FOLLOWING WALL INSTALLATION WORK.
 - CONNECT TO SA MAIN AT LOCATION SHOWN AND ROUTE 6" ROUND SA DUCTWORK AS SHOWN. PROVIDE FLEXIBLE DUCTWORK CONNECTION TO EXISTING SA DIFFUSER AND REBALANCE SUPPLY AIRFLOW THROUGH EXISTING REUSED SA DIFFUSER TO AIRFLOW AMOUNT SHOWN WITH EXISTING AHU SUPPLY FAN OPERATING.
 - CONNECT TO SA MAIN AT LOCATION SHOWN AND ROUTE 6" ROUND SA DUCTWORK AS SHOWN. PROVIDE FLEXIBLE DUCTWORK CONNECTION TO SA DIFFUSER AND BALANCE SUPPLY AIRFLOW THROUGH SA DIFFUSER TO AIRFLOW AMOUNT SHOWN WITH EXISTING AHU SUPPLY FAN OPERATING.
 - UTILIZE THE TWO (2) EXISTING 4'-0" WIDE x 6'-0" HIGH HALF-OPENABLE WINDOWS FOR NATURAL VENTILATION, TOTAL OF 32 SQUARE FEET OPENABLE AREA. TO PROVIDE NATURAL VENTILATION TO MAIN OFFICE 110 AND GREETING BOOTH 111 PER NYS MECHANICAL CODE 402.1. ALSO, UTILIZE NYS MECHANICAL CODE PART 402.3 NATURAL VENTILATION TO ADJOINING SPACES. TO PROVIDE NATURAL VENTILATION TO THE GREETING BOOTH 111 UTILIZING THE TRANSFER DUCTS SHOWN BETWEEN THE OFFICE AND THE GREETING BOOTH.
 - CONNECT TO EXISTING EXPOSED HWSR RISERS WITHIN CLOSET 207D AT FLOOR LEVEL AND ROUTE 1/2" HWSR PIPING TO RADIATOR R-HE-2 WITHIN TOILET 111A AS REQUIRED.
 - BALANCE AIRFLOW THROUGH EXISTING EA REGISTER LOCATED APPROXIMATELY 6" ABOVE FLOOR LEVEL TO 350 CFM WITH EF-HE-2 OPERATING AT SCHEDULED AIRFLOW RATE.
 - BALANCE AIRFLOW THROUGH EXISTING DUCT MOUNTED EA REGISTER TO 100 CFM WITH EF-HE-2 OPERATING AT SCHEDULED AIRFLOW RATE.
 - BALANCE AIRFLOW THROUGH EXISTING WALL MOUNTED EA REGISTER LEVEL TO 115 CFM WITH EF-HE-1 OPERATING AT SCHEDULED AIRFLOW RATE.
 - BALANCE AIRFLOW THROUGH EXISTING CEILING MOUNTED EA REGISTER LEVEL TO 385 CFM WITH EF-HE-1 OPERATING AT SCHEDULED AIRFLOW RATE.
 - MOUNT TRANSFER DUCT AND ASSOCIATED TRANSFER REGISTERS APPROXIMATELY 6'-6" FROM FINISHED FLOOR LEVEL TO BOTTOM OF TRANSFER DUCT.
 - BALANCE AIRFLOW THROUGH EXISTING WALL MOUNTED EA REGISTER LEVEL TO 75 CFM WITH EF-HE-1 OPERATING AT SCHEDULED AIRFLOW RATE.
 - BALANCE AIRFLOW THROUGH EXISTING CEILING MOUNTED EA REGISTER LEVEL TO 355 CFM WITH EF-HE-1 OPERATING AT SCHEDULED AIRFLOW RATE.

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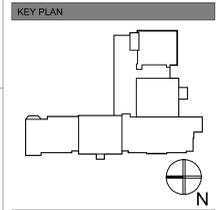
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NUFSD BOND PROJECT PHASE 5 - HIGHVIEW

- SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
 - SED#50-01-08-03-0-003-001-002 (Maintenance)
 - SED#50-01-08-03-0-003-001-004 (OEC)
 - SED#50-01-08-03-0-001-028 (MILLER ES)
 - SED#50-01-08-03-0-004-022 (BARR MS)
- Highview Elementary School**
24 Highview Ave
Nanuet, NY 10954
- OEC Building**
135 Convent Rd
Nanuet, NY 10954
- Maintenance Building**
103 Church St.
Nanuet, NY 10954
- Miller Elementary School**
50 Blaauvelt Rd Unit
Nanuet, NY 10954
- A MacArthur Barr Middle School**
143 Church St
Nanuet, NY 10954



REVISIONS

No.	Description	Date
1	BID ADDENDUM #4	02/05/25

ISSUED: BID SET
DATE: 06/21/2024
SCALE: 1/4" = 1'-0"
SHEET NAME:
1ST FLOOR VESTIBULE,
2ND FLOOR, AND ATTIC
LEVEL HVAC PLANS
SHEET NUMBER:

HE-M105

ISSUE FOR BID SET

2/4/2025 8:42:08 AM