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Nanuet Union Free School District 101 Church Street

Structural Engineer

Clapper Structural Engineering 160 Partition Street Saugerties, NY 12477 845.943.9601

MEP Engineer

Sage Engineering Associates, LLP 9 Columbia Circle Albany NY 12203 518.453.6091 WWW.sagellp.com
NYS CERTIFICATE AUTHORZIATION NUMBER 0018644

Environmental Engineer Quest Environmental Solutions 1376 Route 9

Wappingers Falls, NY 12590 845.298.6251 www.qualityenv.com

Construction Manager One Penn Plaza 24th Floor, Suite 2400 New York, NY 10119 646.908.6550





NUFSD BOND PROJECT PHASE 5 -OEC

☐ SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
☐ SED#50-01-08-03-7-007-002 (Maintenance)
■ SED#50-01-08-03-7-012-004 (OEC)
☐ SED#50-01-08-03-0-001-026 (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

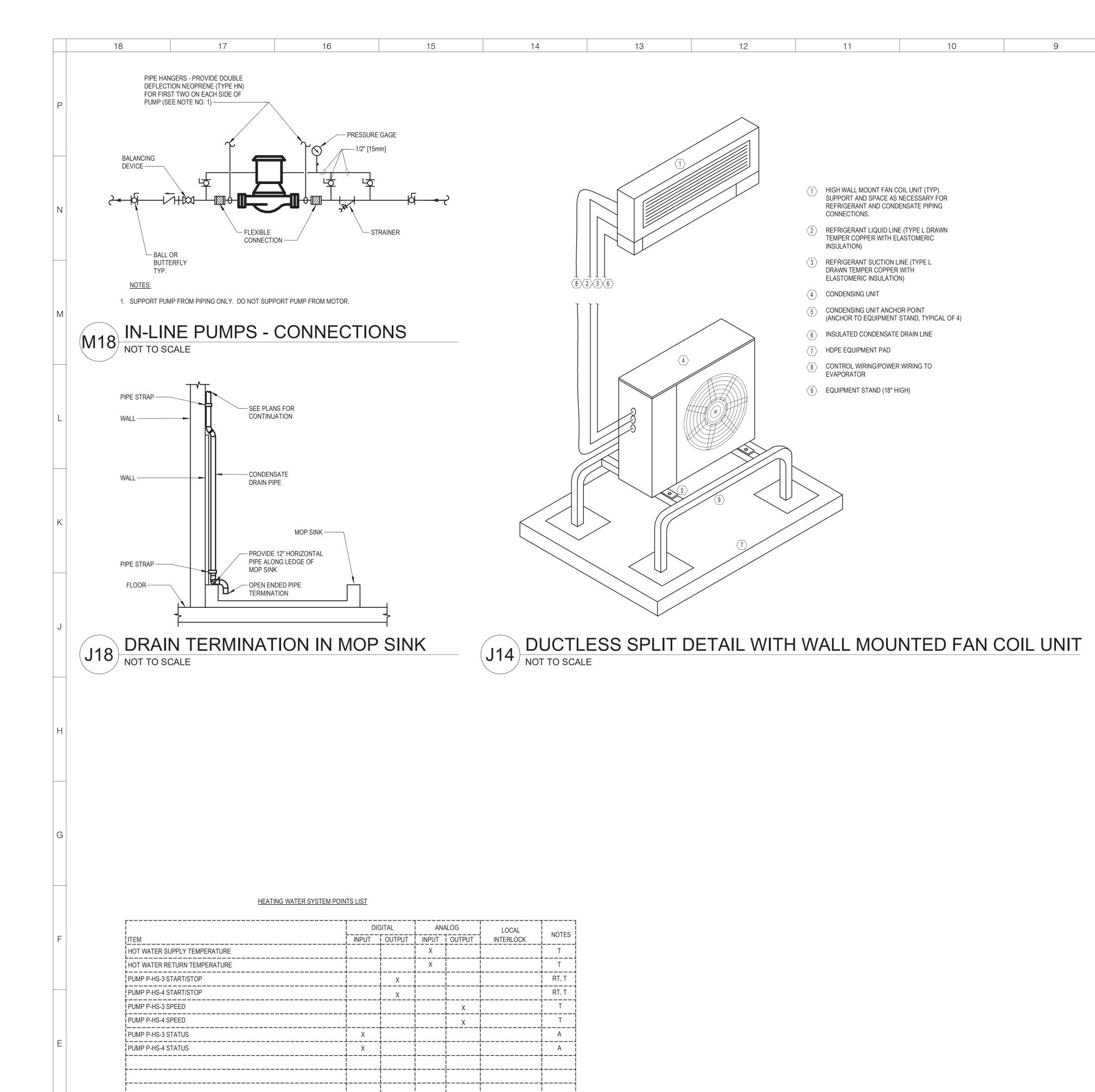
Miller Elementary School 50 Blauvelt Rd Unit1 Nanuet, NY 10954 A MacArthur Barr Middle School
143 Church St

ISSUED: BID SET

DATE: 06/21/2024

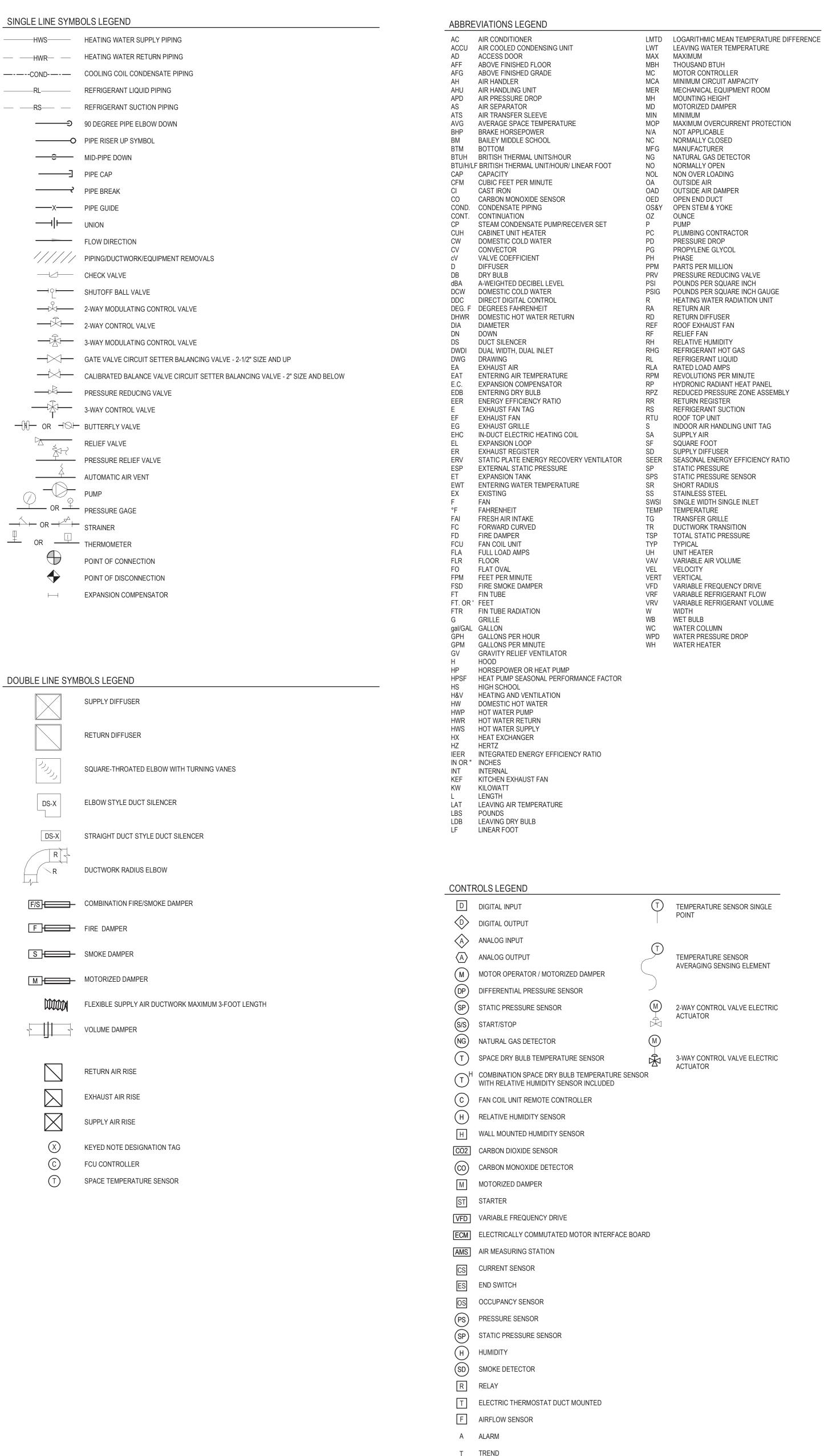
SCALE: As indicated SHEET NAME: BASEMENT REMOVALS

SHEET NUMBER:



1. THE MECHANICAL CONTRACTOR SHALL PROVIDE IMMERSION WELLS WITHIN THE HWS&R PIPING

TEMPERATURE SENSORS OUTLINED IN THE CONTROL



ARCHITECT NEW YORK OKLAHOMA KSQ Design 215 W 40th Street 15th Floor New York, NY 10018 646.435.0660 office www.ksq.design Owner Nanuet Union Free School District 101 Church Street Nanuet, NY 10954 845.627.9880 www.nanuetsd.org Structural Engineer Clapper Structural Engineering 160 Partition Street Saugerties, NY 12477 845.943.9601 www.clapperstructural.com MEP Engineer Sage Engineering Associates, LLP 9 Columbia Circle Albany NY 12203 518.453.6091 www.sagellp.com
NYS CERTIFICATE AUTHORZIATION NUMBER 0018644 **Environmental Engineer Quest Environmental Solutions** 1376 Route 9 Wappingers Falls, NY 12590 845.298.6251 www.qualityenv.com **Construction Manager** One Penn Plaza 24th Floor, Suite 2400 New York, NY 10119 646.908.6550 www.jacobs.com NUFSD BOND PROJECT PHASE 5 -OEC

☐ SED#50-01-08-03-0-002-020 (HIGHVIEW ES) ☐ SED#50-01-08-03-7-007-002 (Maintenance) ■ SED#50-01-08-03-7-012-004 (OEC)

☐ SED#50-01-08-03-0-001-026 (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 Blauvelt Rd Unit1 Nanuet, NY 10954

A MacArthur Barr Middle School 143 Church St Nanuet, NY 10954

KEY PLAN

REVISIONS **ISSUED:** BID SET

DATE: 06/21/2024

SCALE: NOT TO SCALE SHEET NAME: SYMBOLS, LEGENDS, ABBREVIATIONS, AND DETAILS SHEET NUMBER:

OEC-M001

PROJECT NUMBER: 00000.00 COPYRIGHT © 2023 KSQ ARCHITECTS, PC

HOT WATER FLOW AND CONTROL DIAGRAM (ALTERNATE)
NOT TO SCALE

BOILER

T TREND RT RUN TIME

6/19/2024 2:35:14 PM

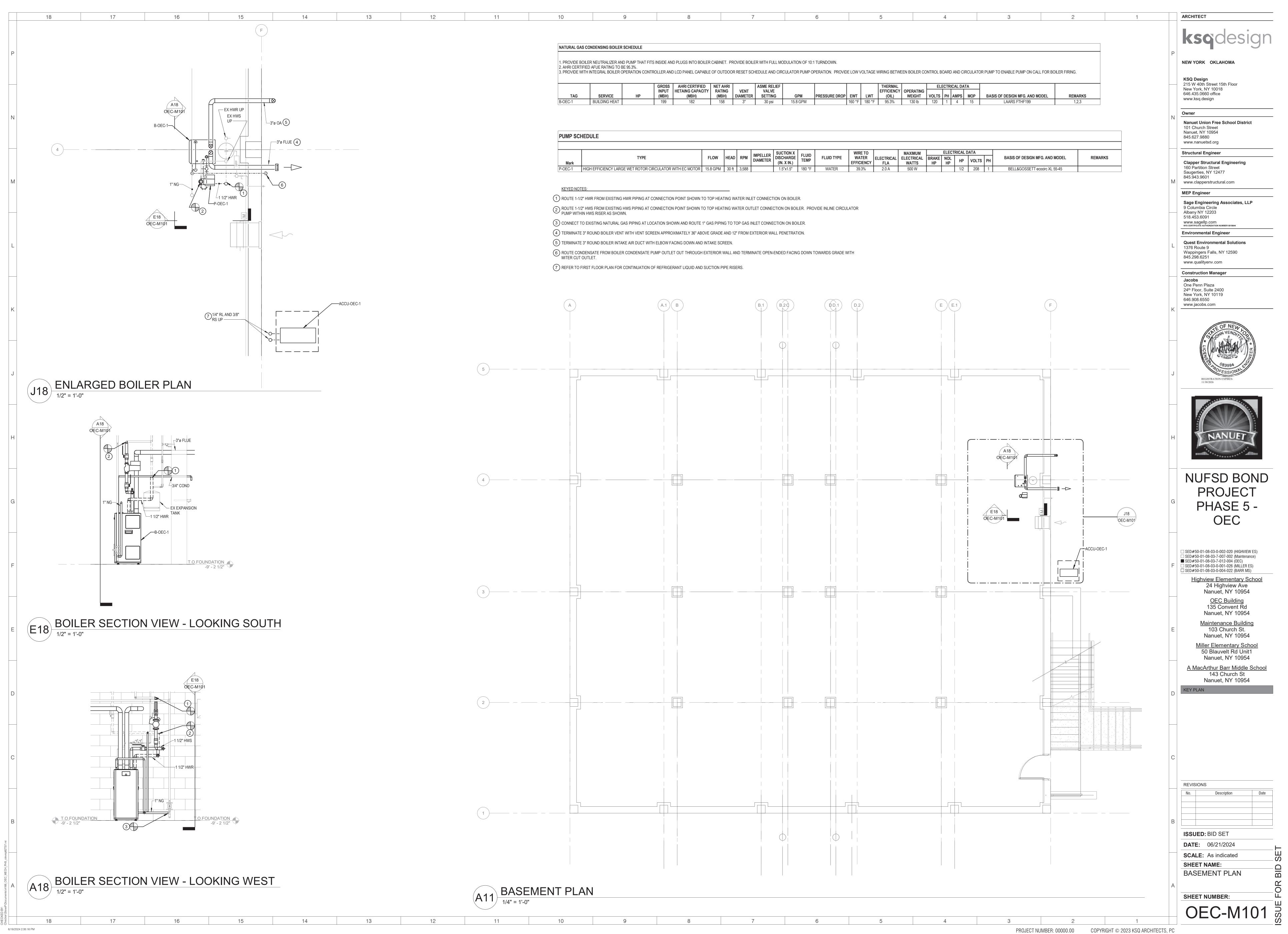
EX AUTOMATIC

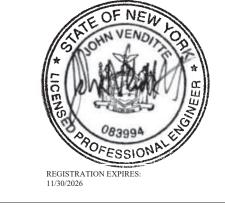
AIR VENT ----

EX HWR

EX EXPANSION TANK

EX MAKE UP WATER







NUFSD BOND PHASE 5 -

ARCHITECT 1) PROVIDE SPLIT-SYSTEM FAN COIL UNIT FOR COOLING THE IT RACK ROOM. (2) TERMINATE 3/4" CONDENSATE DRAIN OPEN-ENDED DOWN TO SCRUB SINK AT LOCATION SHOWN. 3 REFER TO BASEMENT PLAN FOR LOCATION OF AIR COOLED CONDENSING UNIT ACCU-OEC-1. REFRIGERANT LIQUID AND SUCTION LINES DROP DOWN TO ACCU-OEC-1. 4) PROVIDE GALVANIZED 1/4" WIRE MESH SCREEN OVER OPEN-ENDED TRANSFER AIR DUCT. Owner **DUCTLESS SPLIT SYSTEM SCHEDULE** 101 Church Street Nanuet, NY 10954 1.PROVIDE HEAT PUMP WITH 18" HIGH STAND AND PROVIDE ACCESSORIES TO INTEGRATE FAN COIL UNIT INTO BACNET DDC SYSTEM. 2.PROVIDE POWER CONNECTION AND ALL REQUIRED WIRING FOR INDOOR UNIT FROM OUTDOOR UNIT | RATED | CAPACITY | COOLING | CAPACITY | CAPACITY | HEATING | CAPACITY | HIGH | MIDIUM | LOW | QUIET | HIGH | LOW | PRESSURE | HIGH | COOLING CAPACITY RATED HEATING RATED COOLING CAPACITY RANGE RATED COOLING CAPACITY CAPACITY REFRIGERANT CHARGE (LBS) ADDITIONAL REFRIGERANT CHARGE (LBS) CAPACITY BASIS OF DESIGN MFG. AND 845.943.9601 EER2 WEIGHT BASIS OF DESIGN MFG. AND MODEL REMARKS SERVICE DESCRIPTION SEER2 MODEL 0 Btu/h 8,900 Btu/h 0 Btu/h 208 1 12.35 15 ACCU-OEC-1 4,400 - 10,200 Btu/h DAIKIN FTK09BXVJU AC-OEC-1 IT CLOSET 15 A MEP Engineer (A.1) (B) E E.1 4 EX SCRUB SINK 8"x4" TRANSFER DUCT, MOUNT +/- 7'-6" AFF _AC-OEC-1(1) AC-OEC-1 KEY PLAN REVISIONS A12 FIRST FLOOR PLAN

1/4" = 1'-0" PROJECT NUMBER: 00000.00 COPYRIGHT © 2023 KSQ ARCHITECTS, PC 6/19/2024 2:35:18 PM

NEW YORK OKLAHOMA

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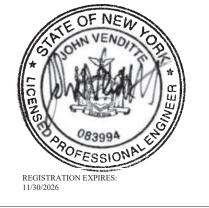
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ISSUED: BID SET

DATE: 06/21/2024 **SCALE:** 1/4" = 1'-0"

SHEET NAME: FIRST FLOOR PLAN

SHEET NUMBER:

OEC-M102