



- KEYED NOTES:**
- ① LIQUID OUTDOOR MULTI-CONNECTION PIPING KIT.
  - ② SUCTION OUTDOOR MULTI-CONNECTION PIPING KIT.

- GENERAL NOTES:**
1. REFRIGERANT PIPING NOTE: THE HEAT PUMP SYSTEM MANUFACTURER SHALL INSPECT ALL FIELD INSTALLED REFRIGERANT PIPING PRIOR TO INSULATION INSTALLATION.
  2. ALL ROOFING WORK REQUIRED TO COMPLETE THE MECHANICAL INSTALLATION WORK SHALL BE BY THE MECHANICAL CONTRACTOR. ALL ROOFING WORK SHALL BE DONE AS TO MAINTAIN THE EXISTING ROOFING WARRANTY.
  3. ROUTE REFRIGERANT PIPING THROUGH THE ROOF TO THE ROOF MOUNTED HEAT PUMP SYSTEMS. PROVIDE A PIPE CURB AND SIDE REFRIGERANT PIPING OUTLET PORTAL AT THE ROOF PENETRATION OF EACH HEAT PUMP SYSTEM.
  4. PROVIDE EQUIPMENT SUPPORT ROOF CURBS AND VIBRATION ISOLATION RAILS FOR MOUNTING OF THE HEAT PUMP TO THE ROOF PER SPECIFICATION SECTION 238125. MOUNT HEAT PUMPS 24" ABOVE ROOF SURFACE.
  5. PROVIDE INSULATION AND INSULATION PROTECTION SYSTEM AROUND ALL ROOFTOP REFRIGERANT PIPING PER SPECIFICATION SECTION 230715.

**PARTIAL ROOF PLAN - 1962 WING**  
1/8" = 1'-0" **A2**

**ARCHITECT**  
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**Structural Engineer**  
**Clapper Structural Engineering**  
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**Sage Engineering Associates, LLP**  
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**Quest Environmental Solutions**  
1376 Route 9  
Wappingers Falls, NY 12590  
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**Construction Manager**  
**Jacobs**  
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24th Floor, Suite 2400  
New York, NY 10119  
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www.jacobs.com



**NUFSD BOND PROJECTS PHASE 5 - MILLER ES**

- SED#50-01-08-03-0-002-020 (HIGHWAY ES)
  - SED#50-01-08-03-7-001-002 (Maintenance)
  - SED#50-01-08-03-7-012-004 (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 Blauvelt Rd Unit 1  
Nanuet, NY 10954
- A MacArthur Barr Middle School**  
143 Church St  
Nanuet, NY 10954

KEY PLAN

**REVISIONS**

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

**ISSUED: BID SET**  
**DATE:** 06/21/2024  
**SCALE:** 1/8" = 1'-0"  
**SHEET NAME:**  
PARTIAL ROOF PLAN -  
1962 WING  
**SHEET NUMBER:**

**ME-M108**

ISSUE FOR BID SET