

MECHANIC	CAL PIPING SYMBOL LIST:
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN HOT WATER SUPPLY
	HOT WATER RETURN
	THERMOMETER
S/R	HOT WATER SUPPLY OR
<u>-</u>	RETURN RISER TRISER NUMBER
	— EQUIPMENT TYPE
XX	— EQUIPMENT NUMBER
	PUMP
— _{X x} —	STRAINER 'Y' TYPE WITH BLOWDOWN VALVE
	PIPE UP
C+	PIPE DOWN
—Ф—	COMBINATION BALANCING & SHUT-OFF VALVE
$-\!\!\bowtie\!\!-\!$	SHUT-OFF VALVE
$-\!$	SHUT-OFF VALVE WITH CAPPED DRAIN FITTING
─ ►	THROTTLING VALVE
─N ─	CHECK VALVE
—凸—	CIRCUIT SETTER VALVE
—战—	AUTOMATIC 2-WAY CONTROL VALVE
──\\$ ──	AUTOMATIC 3-WAY CONTROL VALVE
	ELECTRIC CONTROL VALVE
->-	CONTROL VALVE STATION
— IIII EJ	PIPE EXPANSION JOINT
—— ——	UNION
	ECCENTRIC REDUCER
<u> </u>	RELIEF VALVE
—	BUTTERFLY VALVE
T	PLUG FOR PRESSURE GAUGE & THERMOMETER CONNECTION
	THERMOMETER
<u></u>	MANUAL AIR VENT
<u></u> ДА	AUTOMATIC AIR VENT
<u> </u>	PRESSURE GAUGE
	PRESSURE RELIEF VALVE

DIRT POCKET

——A—— AIR LINE

—V——VENT LINE

ARROW INDICATES DIRECTION OF FLOW

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- CONDENSATE PUMP

MOTORIZED VALVE

DIFFERENTIAL PRESSURE TRANSMITTER

— — — COLD WATER MAKE UP LINE

── PD ── PUMPED CONDENSATE DRAIN

TDV TRIPLE DUTY VALVE

SD SUCTION DIFFUSER

GENERAL DEMOLITION NOTES:

- 1. PROVIDE SELECTIVE DEMOLITION OF HVAC WORK AS INDICATED ON THE DRAWINGS. MAINTAIN CONTINUITY OF ALL SERVICES. ALL SELECTIVE DEMOLITION AND REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES, AND THE APPROVED SEQUENCE OF WORK.
- 2. THE DRAWINGS DO NOT SUPPORT TO SHOW ALL REMOVALS. THE CONTRACTOR SHALL REMOVE ANY AND ALL OF THE MATERIALS NECESSARY FOR THE INSTALLATION OF NEW WORK AND THE CONNECTION OF EXISTING SYSTEMS TO
- 3. THE CONTRACTOR IS ENCOURAGED TO VISIT THE SITE BEFORE BIDDINGTO BECOME FAMILIAR WITH EXISTING CONDITIONS AND MAKE HIS OWN ASSESSMENT OF THE EXTENT OF THE DEMOLITION WORK REQUIRED TO INSTALL NEW WORK. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND BE RESPONSIBLE FOR SAME.
- 4. DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A LEGAL MANNER. ALL DISPOSAL OFF SITE, ON A REGULAR BASIS, AND RUBBISH CARTING IS DEMOLITION RESPONSIBILITY.
- 5. ALL OPENINGS DUE TO REMOVAL OF ANY EXISTING ELECTRICAL AND MECHANICAL ITEMS SHALL BE PATCHED AND REPAIRED TO MATCH EXISTING FINISHED AND/OR NEW FINISHES. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS INCLUDING THE MATERIALS, FOR PATCHING OPENINGS TO MATCH EXISTING CONSTRUCTION.
- 6. PRIOR TO THE START OF DEMOLITION, THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK AND ALL SHUTDOWNS AFFECTING SCHOOL ON UPPER AND LOWER FLOORS WITH THE OWNER OR OWNER'S REPRESENTATIVE.
- 7. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWING AND AS SPECIFIED.
- 8. BEFORE STARTING WORK MAKE A THOROUGH EXAMINATION OF THOSE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK ADJOINING OR AT UNDERLYING LOCATIONS. REPORT TO THE ENGINEER ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START THE WORK UNTIL SUCH CONDITIONS HAVE BEEN EXAMINED AND A COURSE OF ACTIONS MUTUALLY AGREED UPON.
- 9. PRIOR TO START OF DEMOLITION, THE COLLEGE FACILITIES TEAM AND THE CONTRACTOR SHALL WALK THROUGH THE SPACES AND TAG AND/OR LIST ALL ITEMS WHICH SHOULD BE TURNED OVER TO OWNER. SUCH ITEMS SHALL BE REMOVED AND STORED CAREFULLY AND DELIVERED TO THE OWNER.
- 10. KEEP ALL ADJOINING PUBLIC AREAS CLEAN AND FREE OF DEBRIS OF CONSTRUCTION MATERIALS DURING WORKING HOURS. PROVIDE SAFE CONDITIONS FOR THE GENERAL PUBLIC AND WORKMEN.
- 11. REPAIR AND/OR REPLACE EXISTING ITEMS NOT SCHEDULED OR NOTED TO BE DEMOLISHED, AND NOT SPECIFIED TO BE REMOVED, BUT WHICH BECOME DAMAGED DURING THE PROGRESS OF THE WORK. MAKE ANY AND ALL SUCH REPAIRS, REPLACEMENTS AND MODIFICATIONS TO RESTORE THE DAMAGED ITEMS TO THEIR ORIGINAL CONDITION PRIOR TO DAMAGE, TO THE SATISFACTION OF AND AT NO ADDITIONAL COST TO THE OWNER.
- 12. PATCH, FILL AND REPAIR ALL SURFACES DISTURBED, CUT, DAMAGED, IN NEED OF REPAIR OR MADE IMPERFECT BY ALTERATIONS OR REMOVAL WORK AND AS REQUIRED TO PREPARE SURFACES FOR NEW MATERIAL AND ARRANGEMENTS. REAPPLY FIRE STOPPING MATERIAL TO PATCH ANY FIRE RATED WALL OPENING AFTER PIPE AND/OR CONDUIT REMOVAL. PAINT ALL REPAIR SURFACE TO MATCH EXISTING FINISH. SEE SPECIFICATION SECTION 09900 (PAINTING) FOR DETAIL.
- 13. EXISTING FINISHES TO REMAIN THAT ARE DISTURBED BY DEMOLITION AND/OR RENOVATION SHALL BE PATCHED TO MATCH EXISTING.

BUILDING DEPARTMENT NOTES

- WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT OF ANY PORTION OF THE WORK, IN THE CONTRACT DOCUMENTS THAT ARE AT VARIANCE WITH THE ABOVE.
- THESE DRAWINGS HAVE BEEN PREPARED BY OR AT THE DIRECTION OF THE UNDERSIGNED AND TO THE BEST OF THE UNDERSIGNED'S KNOWLEDGE, INFORMATION AND BELIEF MEET THE REQUIREMENTS OF THE BUILDING CODE.

SUMMARY OF WORK

MECHANICAL WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:

- 1. REMOVAL OF EXISTING WINDOW AC UNITS.
- 2. REMOVE AND REINSTALL EXISTING RADIATORS AND BASEBOARD HEATERS AS INDICATED ON PLANS.
- 3. REMOVE AND REINSTALL TOILET EXHAUST VENTS AS INDICATED
- 4. REPLACE EXHAUST GRILLE AS INDICATED ON PLANS.

BID DOCUMENTS NO. DATE REVISION KEY PLAN - ADMINISTRATION BUILDING

PROJECT TEAM:

Kliment Halsband Architects - A Perkins Eastman Studio 115 Fifth Avenue, Third Floor, New York, NY 10003 **Argus Architecture & Preservation** 5 John Street, Waterford, NY 12188 **A&J Consulting Engineering Services** 164 Brighton Road, Clifton, NJ 07012 **LERA Consulting Structural Engineers Grigg & Davis Engineers, PC** 21 Crossway - Scarsdale, NY 10583 Rader Crews LLC 653 Carrol Street, Brooklyn, NY 11215 The Lighting Practice PW Grosser 630 Johnson Avenue, Bohemia, NY 11716 **Trophy Point Construction Services** 4588 South Park Avenue, Blasdell, NY 14219

PROJECT:

SUCF #291036-02 Rehab Adminstration Building Exterior

State University College at Purchase Purchase, NY 10577

Adelaide Environmental Health

1511 Route 22, Suite C24, Brewster, NY 10509

DRAWING TITLE:

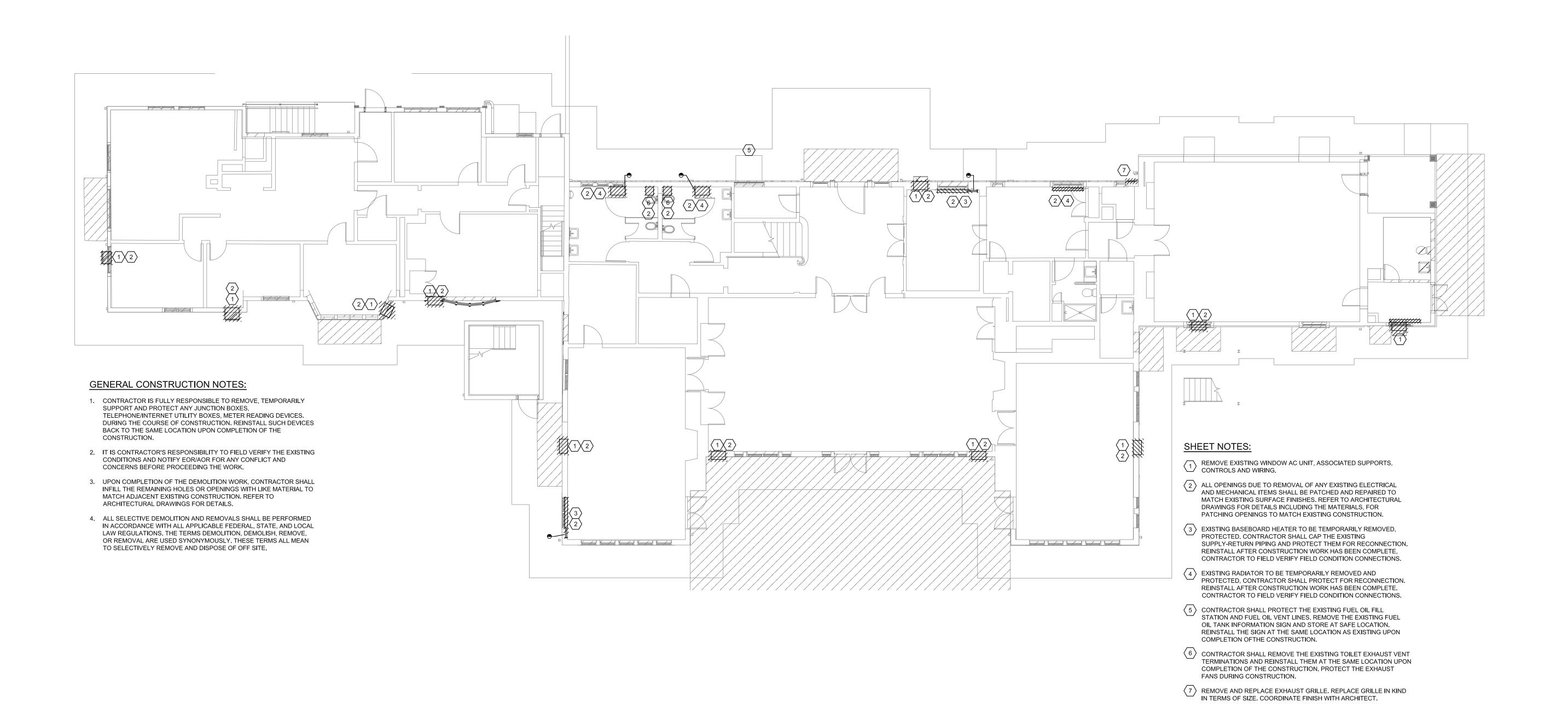
HVAC SYMBOL, ABBREVATION AND NOTES AND DETAILS

SCALE: AS NOTED

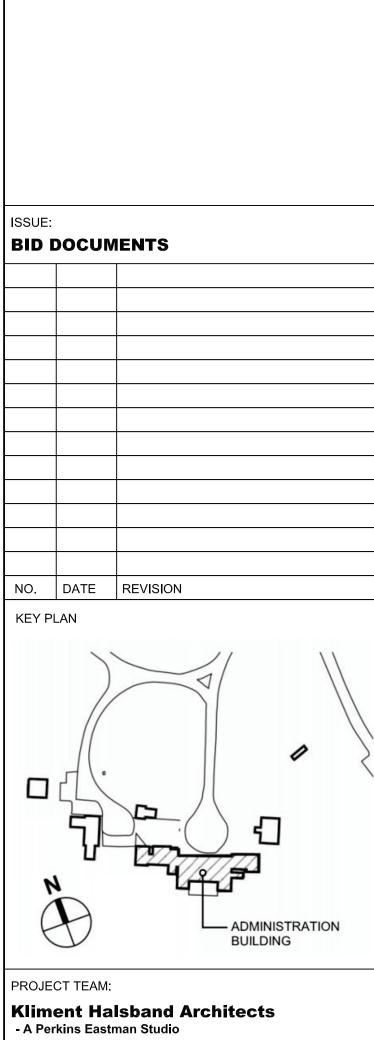
10 SEPTEMBER 2024



A & J PROJECT No. 2301B







115 Fifth Avenue, Third Floor, New York, NY 10003 **Argus Architecture & Preservation** 5 John Street, Waterford, NY 12188 **A&J Consulting Engineering Services** 164 Brighton Road, Clifton, NJ 07012 LERA Consulting Structural Engineers 40 Wall Street, 23rd Floor, New York, NY 10005 **Grigg & Davis Engineers, PC** 21 Crossway - Scarsdale, NY 10583 Rader Crews LLC 653 Carrol Street, Brooklyn, NY 11215 The Lighting Practice
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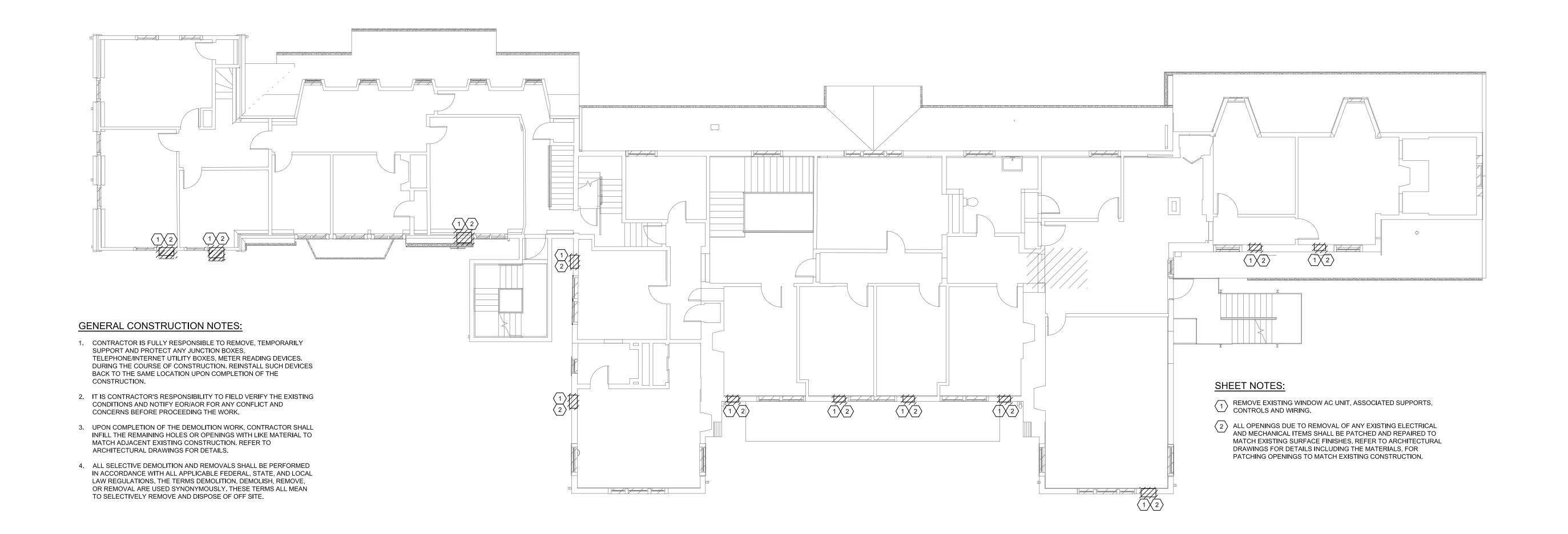
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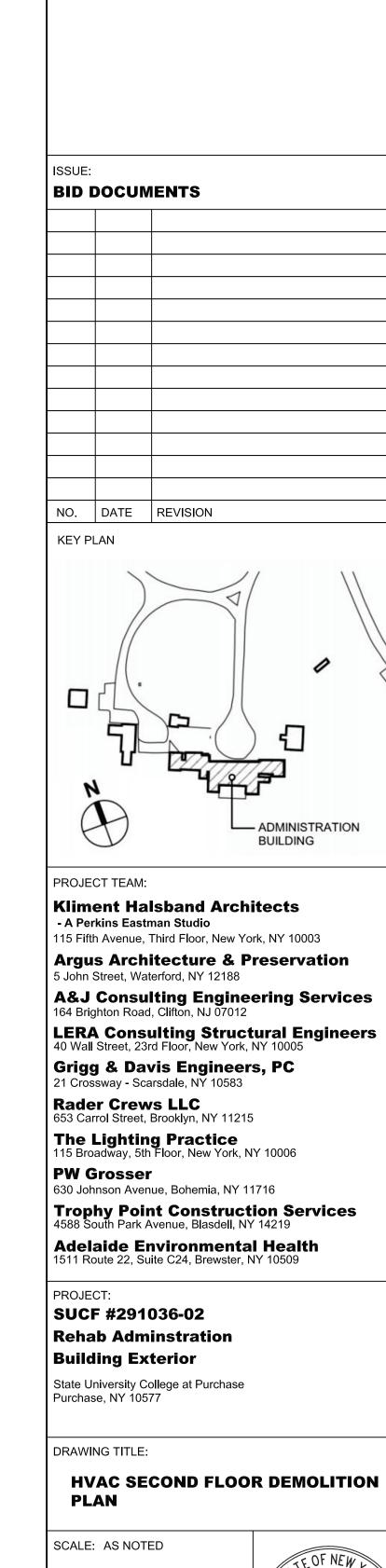
DRAWING TITLE:

HVAC FIRST FLOOR DEMOLITION PLAN

SCALE: AS NOTED

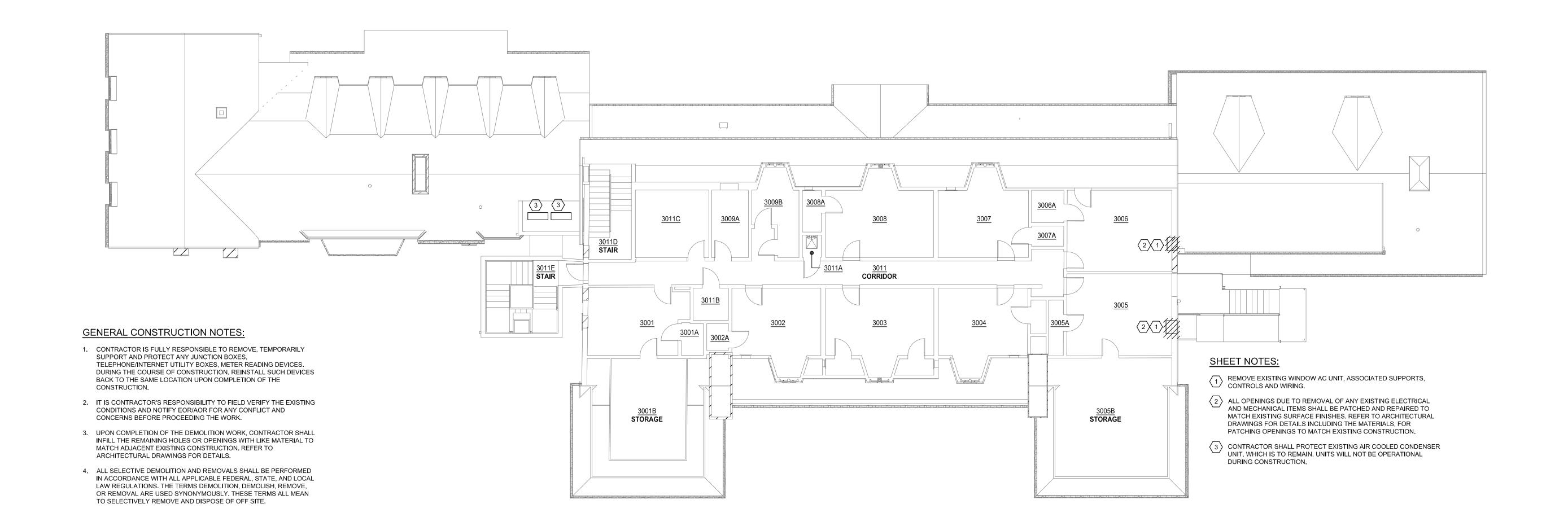




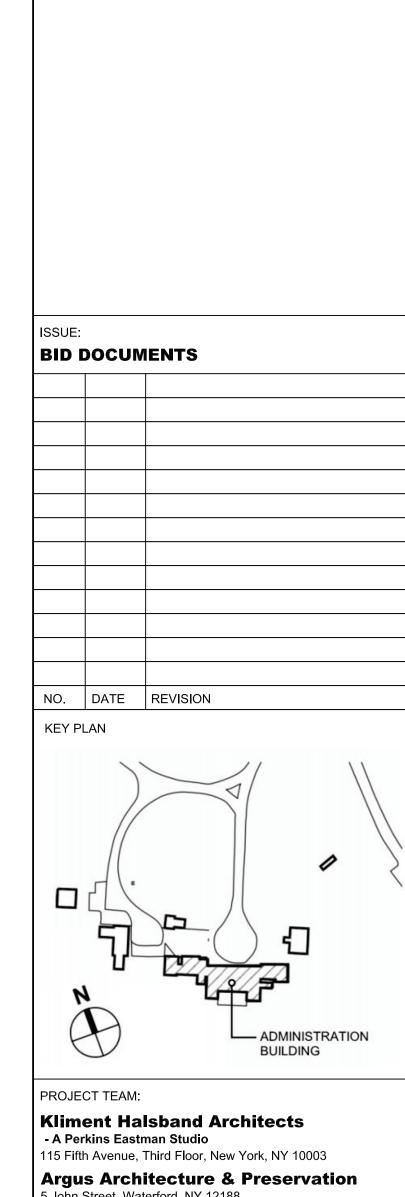


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— ADMINISTRATION BUILDING







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PROJECT:

SUCF #291036-02 **Rehab Adminstration Building Exterior**

State University College at Purchase Purchase, NY 10577

DRAWING TITLE:

HVAC THIRD FLOOR DEMOLITION PLAN

SCALE: AS NOTED