



STATE OF NEW YORK  
OFFICE OF GENERAL SERVICES  
DESIGN AND CONSTRUCTION GROUP  
THE GOVERNOR NELSON A. ROCKEFELLER  
EMPIRE STATE PLAZA  
ALBANY, NY 12242



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**ADDENDUM NO. 2 TO PROJECT NO. 44811**

**REPLACE THE HVAC SYSTEMS, BUILDINGS 29 AND 66  
INDUSTRY LIMITED SECURE CENTER  
375 RUSH-SCOTTSVILLE ROAD  
RUSH, NY**

March 6, 2015

**NOTE:** This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

**CHANGES TO ADDENDUM 1**

Refer to Electrical Drawings Item Number 2:

1. Refer to Drawings E-102 and E-103 - Second and Third Floor - Electrical - Removals:
  - A. Replace Note C with the following revised Note C:

"C. Include in bid the cost to disconnect and remove three (3) existing cameras and turnover to the facility (Director's Representative). Relocate and reinstall back box and extend conduit to new location. Allow for 10 ft. of conduit relocation. Refer to E-503 for reinstallation location and additional requirements. Facility vendor will reinstall camera."

**HVAC SPECIFICATIONS**

1. Refer to Specification Section 230923 - Direct Digital Building Control System:
  - A. Refer to Article 2.11. Add the following new Paragraph F:

"F. Fan Coil Unit Control Valves:

1. Fan coil unit control valves and modulating 0-10VDC actuators will be provided factory installed with fan coil units and wired to a factory installed and wired low voltage interface board to be used with a field supplied and wired controller provided by the BMS Contractor."

2. Refer to Specification Section 238219 - Fan Coil Units:
  - A. Refer to Article 2.01.C.1. Add the following to the end of Item 1:

"...Overflow switch shall be factory wired to factory mounted and wired low voltage interface board."
  - B. Refer to Article 2.01.E.1. Replace Item 1 with the following:

"1. Units are to include factory installed chilled water piping/valve packages with modulating two-way control valves with 0-10 VDC (coordinate with DDC supplier) proportional actuators factory wired to low voltage interface panel, ball type supply and return isolation valves, strainer, union and autoflow cartridge type flow setter."
  - C. Refer to Article 2.01.F.1. Replace Item 1 with the following:

"1. Units are to be provided with factory mounted and wired low voltage interface board to be used with a field supplied and wired DDC controller. The low voltage interface board shall include:
    - a. Factory wired and installed transformer.
    - b. Three (3) 24 volt relays and line voltage contactors to operate fan motor speeds.
    - c. Terminals for connecting condensate overflow switch low voltage actuator for chilled water control valve."

**HVAC DRAWINGS**

1. Refer to Drawing M-012 - Site Plan:
  - A. Replace with new Drawing M-012 - Site Plan included with this Addendum.

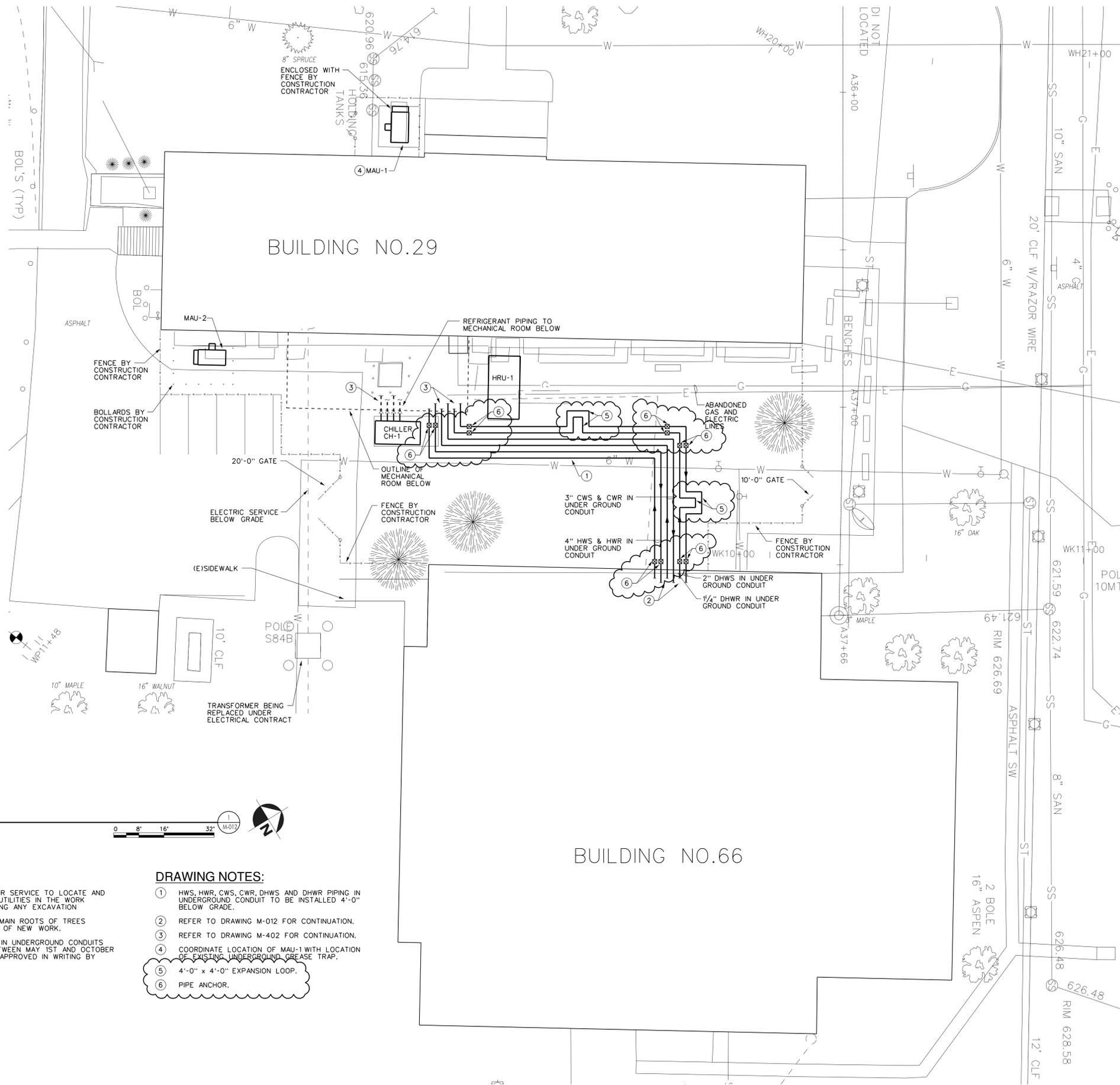
**ELECTRICAL DRAWINGS**

1. Refer to Drawing E-001 - Symbol List and Abbreviations:
  - A. Refer to Power Distribution and Control Symbols. At "ASD" add "Refer to the electrical Equipment and Control Schedule: H- Contract furnished and E-Contract to install."
2. Refer to Drawing E-112 - Building 66 - Second Floor Plan - Electrical:
  - A. Refer to Mechanical Room: Change "ASD" Adjustable Speed Drive symbol to a Combination Starter for AHU-1, AHU-2 and AHU-3.
  - B. Refer to Mechanical Room: Change "Combination Starters to an "ASD" Adjustable Speed Drive symbol for REF-1, REF-2, REF-3 and REF-4.

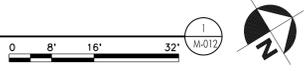
3. Refer to Drawings E-603 - Building 29 - Electrical Equipment and Control Schedule:
  - A. Refer to Equipment and Control Schedule, Change the following:
    - 1) Item numbers: HRU-1-SUP and HRU-1-EXH, Provide an "X" in the Adjustable speed drive with Bypass column for each piece of equipment.
    - 2) Item Numbers: CGP-1, CGP-2, HGP-1, HGP-2 and HWP-1, HWP-2, CWP-1, CWP-2 provide an "X" in the Adjustable speed drive with Bypass column for each piece of equipment. Delete the "X" in column with Adjustable Speed Drive with Redundant "ASD" for each of CGP-1, CGP-2, HGP-1, HGP-2 and HWP-1, HWP-2, CWP-1, CWP-2. Provide "Note Number 2." in the reference notes for CGP-1, CGP-2, HGP-1, HGP-2 and HWP-1, HWP-2, CWP-1, CWP-2.
4. Refer to Drawing E-605 Building 29 Partial Power Distribution Diagram:
  - A. Refer to Building 66 - Partial Power Distribution Diagram. Delete the "ASD" Adjustable Speed Drive symbol For AHU-1, AHU-2 and AHU-3 and add a Fused Combinations Starter symbol to each AHU.

**END OF ADDENDUM**

Margaret F. Larkin  
Executive Director  
Design and Construction



**SITE PLAN**  
SCALE: 1/16" = 1'-0"



**GENERAL NOTES:**

- A. UTILIZE A UTILITY LOCATOR SERVICE TO LOCATE AND MARK ALL UNDERGROUND UTILITIES IN THE WORK AREA PRIOR TO PERFORMING ANY EXCAVATION
- B. PROVIDE PROTECTION OF MAIN ROOTS OF TREES DURING THE INSTALLATION OF NEW WORK.
- C. WORK TO INSTALL PIPING IN UNDERGROUND CONDUITS IS TO BE PERFORMED BETWEEN MAY 1ST AND OCTOBER 15TH; UNLESS OTHERWISE APPROVED IN WRITING BY THE DIRECTOR.

**DRAWING NOTES:**

- ① HWS, HWR, CWS, CWR, DHWS AND DHWR PIPING IN UNDERGROUND CONDUIT TO BE INSTALLED 4'-0" BELOW GRADE.
- ② REFER TO DRAWING M-012 FOR CONTINUATION.
- ③ REFER TO DRAWING M-402 FOR CONTINUATION.
- ④ COORDINATE LOCATION OF MAU-1 WITH LOCATION OF EXISTING UNDERGROUND GREASE TRAP.
- ⑤ 4'-0" x 4'-0" EXPANSION LOOP.
- ⑥ PIPE ANCHOR.

CONSULTANT

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THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

CONTRACT: HVAC

TITLE: REPLACE HVAC SYSTEMS BUILDINGS 29 AND 66

LOCATION: INDUSTRY LIMITED SECURE CENTER  
375 RUSH-SCOTTSVILLE ROAD  
RUSH, NEW YORK 14543

OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	3/2/2015	ADDENDUM 2
	1/15/2015	BID DOCUMENTS
	1/9/2015	100% SUBMISSION
	11/18/2014	60% SUBMISSION

PROJECT NUMBER: **44811 - H**

DESIGNED BY:

DRAWN BY:

FIELD CHECK:

APPROVED:

SHEET TITLE: **SITE PLAN**

DRAWING NUMBER: **M-012**