

ADDENDUM NO.: 1.0

DATE OF ADDENDUM: October 16, 2014

**Founders Hall Renovations for Allied Health and Nursing
Naugatuck Valley Community College, Waterbury, Connecticut
BI – CTC – 442 – CMR**

Original Bid Due Date / Time:

November 13, 2014

2:00 PM EST

Previous Addendums: None

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated August 14, 2014. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form. Failure to do may subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1.

The bid opening is unchanged.

ABATEMENT AND DEMOLITION SPECIFICATIONS AND DRAWINGS

Item 2.

This item applies to this project from the time Selective Demolition commences until such time as construction has advanced to the point that the building is no longer required to be temporarily reinforced. Refer to Item 22 below.

SECTION 024119 - SELECTIVE DEMOLITION,

- a. Article 1.5, paragraph D, **DELETE** subparagraphs 4 through 6.
- b. Article 1.6, paragraph C, **ADD** new subparagraph 1 and sub-subparagraphs to read as follows:
 - "1. The Demolition Contractor is required to engage the services of a Registered Engineer to design and detail shoring and/or lateral bracing of structures to remain. The following is a list of acceptable engineering firms to perform these services.
 - a. Girard and Company, LLC, Rocky Hill, CT (860) 563-3820
 - b. BVH Integrated Services, Bloomfield, CT (860) 286-9171
 - c. DiBlasi Associates, Monroe, CT (203) 452-1331
 - d. Joseph Calabrese, P.C., Waterbury, CT (203) 753-1635
 - e. GNCB Consulting Engineers, Old Saybrook, CT (860) 388-1224"
- c. Article 1.6, paragraph F, **ADD** new subparagraph 9 to read
"9. Review impact of demolition on the lateral stability of the existing building".
- d. Article 3.3, **REPLACE** paragraph I with new paragraph I to read as follows:
 - "I. Temporary Shoring: Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent movement, settlement, or collapse of construction to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished. NOTE that the existing building DOES NOT contain an existing lateral force system for stability. The demolition work will further affect the ability of the structure to resist later forces during construction. The sequence and methods of laterally bracing Founders Hall shall be designed and detailed by the Contractor's engineer. The temporary lateral bracing system designed and installed by the Contractor shall not be removed until permanent lateral systems shown on the contract documents have been installed. The design of the lateral bracing systems shall be designed and detailed to resist all Code required loads as outlined in the Connecticut Building Code."
- e. Article 3.3, **ADD** new paragraph J to read as follows:
 - "J. Existing structures are to be monitored on a weekly basis for vertical and lateral movement. Method(s) and plan of proposed monitoring shall be submitted for record. System utilized shall be capable of determining minimum movements of 1/8 inch."

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Item 3.

DELETE the following sections in their entirety from the specifications; the specified Work will be accomplished by the Owner's own forces under separate contract:

02 61 23	Removal and Disposal of Polychlorinated Biphenyl Contaminated Ground Cover
02 80 03	Hazardous Materials - General Requirements
02 81 00	Transport and Disposal of Hazardous Materials
02 82 13	Asbestos Abatement
02 83 13	Lead Paint Activity
02 84 33	Removal and Disposal of Polychlorinated Biphenyls

The following reports **REMAIN** in the specifications as an indication of existing conditions **FOR INFORMATION ONLY:**

- PCB Surface Cover Sample Results Summary
- Inventory of Additional Hazardous/Regulated Materials, Wastes and Items Identified
- Bulk Sample Summary of Suspect Asbestos Containing Materials
- Identified Asbestos Containing Materials (>1%)
- Confirmed Non-Asbestos Containing Materials
- Summary of Lead Paint XRF Measurements
- Lead Based Paint Measurement Summary Table
- Bulk Sample Summary of Suspect PCB Containing Materials
- PCB Substrate Sample Results Summary

Item 4.

DELETE the abatement work shown by the following Drawings. This work will be completed under a separate contract by the Owner with his own forces:

ASB-1	ASBESTOS ABATEMENT 1ST FLOOR PLAN
ASB-2	ASBESTOS ABATEMENT 2ND FLOOR PLAN AND 3RD FLOOR PLAN
ASB-3	ASBESTOS ABATEMENT BASEMENT AND PIPE TUNNEL
ASB-4	ASBESTOS ABATEMENT ELEVATIONS 5, 6, 7, 8 AND 9
ASB-5	ASBESTOS ABATEMENT ROOF PLAN
PCB-1	INTERIOR PCB ABATEMENT 1ST FLOOR PLAN
PCB-2	INTERIOR PCB ABATEMENT 2ND FLOOR PLAN AND 3RD FLOOR PLAN
PCB-3	INTERIOR PCB ABATEMENT BASEMENT AND PIPE TUNNELS
PCB-4	EXTERIOR PCB ABATEMENT ELEVATIONS 5, 6, 7, 8 AND 9
PCB-5	EXTERIOR PCB ABATEMENT ELEVATIONS 10, 11, 12 AND 13
PCB-6	PCB ABATEMENT ROOF PLAN

Item 5.

DRAWINGS	D1.0A - BASEMENT DEMOLITION PLAN SOUTH
	D1.0B - BASEMENT PLAN DEMOLITION NORTH
	D1.1A - MAIN LEVEL DEMOLITION PLAN SOUTH
	D1.1B - MAIN LEVEL DEMOLITION PLAN NORTH
	D1.2A - SECOND FLOOR DELOMLITION PLAN SOUTH
	D1.2B - SECOND FLOOR DEMOLITION PLAN NORTH
	D1.3A - THIRD FLOOR DEMOLITION PLAN SOUTH
	D1.3B - THIRD FLOOR DEMOLITION PLAN NORTH
	D1.4B - ROOF DEMOLITION PLAN - NORTH

REVISE limits/scope of demolition work this contract as per attached sketches. With the exception of selective demolition of indicated floor, foundation and roof structure indicated on the sketches, nearly all indicated demolition work is deleted from this contract and will be completed under separate contract by the Owner with his own forces.

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Please refer to attached sketches:

AD-1-SK D1.0A
AD-1-SK D1.0B
AD-1-SK D1.1A
AD-1-SK D 1.1B
AD-1-SK D1.2A
AD-1-SK D1.2B
AD-1-SK D1.3A
AD-1-SK D1.3B

Item 6.

With the exception of rain leader removal work DELETE the MEP related demolition work indicated on the following DRAWINGS. This work will be completed under a separate contract by the Owner with his own forces.

PLD1.0B	BASEMENT FLOOR PLUMBING DEMOLITION PLAN – NORTH
PLD1.1A	MAIN LEVEL FLOOR PLUMBING DEMOLITION PLAN – SOUTH
PLD1.1B	FIRS FLOOR PLUMBING DEMOLITION PLAN – NORTH
PLD1.2B	SECOND FLOOR PLUMBING DEMOLITION PLAN – NORTH
PLD1.3B	THIRD FLOOR PLUMBING DEMOLITION PLAN – NORTH
MD1.0B	BASEMENT FLOOR MECHANICAL DEMOLITION PLAN – NORTH
MD1.1A	MAIN LEVEL FLOOR MECHANICAL DEMOLITION PLAN – SOUTH
MD1.1B	MAIN LEVEL FLOOR MECHANICAL DEMOLITION PLAN – NORTH
MD1.2A	SECOND FLOOR MECHANICAL DEMOLITION PLAN – SOUTH
MD1.2B	SECOND FLOOR MECHANICAL DEMOLITION PLAN – NORTH
MD1.3B	THIRD FLOOR MECHANICAL DEMOLITION PLAN – NORTH
MD1.4B	ROOF MECHANICAL DEMOLITION PLAN – NORTH
ELD1.0A	BASEMENT FLOOR LIGHTING DEMOLITION PLAN - SOUTH
ELD1.0B	BASEMENT FLOOR LIGHTING DEMOLITION PLAN - NORTH
ELD1.1A	MAIN LEVEL FLOOR LIGHTING DEMOLITION PLAN - SOUTH
ELD1.1B	MAIN LEVEL FLOOR LIGHTING DEMOLITION PLAN - NORTH
ELD1.2A	SECOND FLOOR LIGHTING DEMOLITION PLAN - SOUTH
ELD1.2B	SECOND FLOOR LIGHTING DEMOLITION PLAN - NORTH
ELD1.3A	THIRD FLOOR LIGHTING DEMOLITION PLAN - SOUTH
ELD1.3B	THIRD FLOOR LIGHTING DEMOLITION PLAN - NORTH
EPD1.0A	BASEMENT FLOOR POWER DEMOLITION PLAN - SOUTH
EPD1.0B	BASEMENT FLOOR POWER DEMOLITION PLAN - NORTH
EPD1.1A	MAIN LEVEL FLOOR POWER DEMOLITION PLAN - SOUTH
EPD1.1B	MAIN LEVEL FLOOR POWER DEMOLITION PLAN - NORTH
EPD1.2A	SECOND FLOOR POWER DEMOLITION PLAN - SOUTH
EPD1.2B	SECOND FLOOR POWER DEMOLITION PLAN - NORTH
EPD1.3A	THIRD FLOOR POWER DEMOLITION PLAN - SOUTH
EPD1.3B	THIRD FLOOR POWER DEMOLITION PLAN – NORTH

Item 7.

DRAWING D1.2B – SECOND FLOOR DEMOLITION PLAN - NORTH:

- a. **REVISE** extent of floor slab removal in Classroom on west side at column line 4 southward to column line 3.
- b. **ADD** note at Storage and hall into Erection (west side, between column lines 12 and 13) to read “Sawcut and remove floor slab and steel framing as required for new floor infill.”

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Item 8.

DRAWING D1.3B – THIRD FLOOR DEMOLITION PLAN - NORTH:

- c. **REVISE** extent of floor slab removal in Classrooms on west side at column line 4 southward to column line 3.
- d. **ADD** note at column H-13 to read “remove steel column”.

SPECIFICATIONS – GENERAL CONSTRUCTION

Item 9.

SECTION 000110 - TABLE OF CONTENTS, PROJECT MANUAL - CMR, Section 003132.13 Subsurface Geotechnical Report, **REVISE** date to August 14, 2014.

Item 10.

SECTION 000115 - LIST OF DRAWING SHEETS - CMR,

- a. Under Volume I, Demolition **REVISE** sheet PLD1.1B title to read “Main Level Floor Plumbing Demolition Plan – North”.
- b. Under Volume I, Demolition **ADD** sheet “EPD1.4B – Roof Power Demolition Plan – North”.
- c. Under Volume I, Architectural **ADD** sheet “A4.3 – Precast Details”.
- d. Under Volume I, Architectural **REVISE** sheet A10.1 title to read “Cabinetry Sections & Details”.
- e. Under Volume I, Architectural **REVISE** sheet A10.2 title to read “Millwork Details”.
- f. Under Volume I, Architectural **REVISE** sheet A10.3 title to read “Cabinetry Sections & Details”.
- g. Under Volume I, Architectural **REVISE** sheet A13.06 to read “Signage – East Entry”.
- h. Under Volume I, Food Service **DELETE** sheet “Index – Catering Drawing Index”.
- i. Under Volume I, Food Service **REVISE** sheet FS-G1 title to read “Catering – General Notes”.
- j. Under Volume I, Structural **REVISE** last four Framing Sections sheets to “S3.13, S3.14, S3.15, and S3.16”.
- k. Under Volume II, Mechanical sheets M5.1, M5.2, and M.5.3, **ADD** the word “Diagrams” to the end of the title.
- l. Under Volume II, Electrical sheets EP1.0A and EP1.0B, **REVISE** titles to read “Basement Floor Power Plan...”
- m. Under Volume II, Electrical sheet ES2.1 **DELETE** “and Security/Access Controls” from title.
- n. Under Volume II, Audiovisual **ADD** sheet “TA4.4 - Audiovisual Infrastructure Conduit Riser Diagram”.
- o. Under Volume II, Audiovisual **ADD** sheets “TA5.1 and TA5.2 - Technology Elevations”.
- p. Under Volume II, Audiovisual **ADD** sheet “TA6.2 – Audiovisual Infrastructure Details”.

Item 11.

SECTION 003124.13 - SOIL CONTAMINATION REPORT, Article 1.2, paragraph A, **REVISE** subparagraph 2 to read “...See Division 1 Section 028003 Transportation and Disposal of Hazardous Materials for additional...”

Item 12.

SECTION 013119 - PROJECT MEETINGS - CMR, Article 1.2, paragraph B, **ADD** new subparagraph 5 to read:

- “5. Division 01 Section 018113 Sustainable Design Requirements – CMR specifies green building rating system requirements.”

Item 13.

SECTION 013300 - SUBMITTAL PROCEDURES - CMR, Article 1.10, paragraph A, subparagraph 1, **ADD** new subparagraph g to read:

- “g. Submit additional green building rating system submittals as referenced in Section 018113 Sustainable Design Requirements – CMR.”

Item 14.

SECTION 014523.13 - TESTING FOR INDOOR AIR QUALITY, BASELINE IAQ & MATERIALS - CMR,

- a. Article 1.2, paragraph B, subparagraph 1, **ADD** new sub-subparagraph a to read:
 - “a. Section 018113 Sustainable Design Requirements – CMR.”

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- b. Article 3.1, **REVISE** paragraph F to read "LEED IEQc3.1 – Construction Indoor Air Quality (IAQ) Management Plan (During Construction) Credit"
- c. Article 3.1, **REVISE** paragraph G to read "LEED IEQc3.2 – Construction Indoor Air Quality (IAQ) Management Plan (Before Occupancy) Credit".
- d. Article 3.1, paragraph G, **REVISE** subparagraph 3 to read "...in Indoor Air and the LEED 2009 Reference Guide for Green Building Design and Construction".

Item 15.

SECTION 015000 - TEMPORARY FACILITIES AND CONTROLS - CMR, Article 3.1, paragraph C, **DELETE** "Section [insert] Stormwater Pollution Control" and **REPLACE** with "...Section 312500 Stormwater Pollution Control".

Item 16.

SECTION 016000 - PRODUCT REQUIREMENTS - CMR, Article 1.2, paragraph B, **ADD** new subparagraph 4 to read:
"4. Divisions 01 thru 49 Sections for green building rating system requirements."

Item 17.

SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL - CMR, Article 1.3, paragraph C, **ADD** new subparagraph 11 to read:
"11. Acoustical ceiling tiles."

Item 18.

SECTION 017830 - WARRANTIES AND BOND - CMR, Article 1.3, paragraph F, subparagraph 1:

- a. **REVISE** item 20 as follows:
 - 20. 087100 Door Hardware
 - 10 years: Closers
 - 3 years: Electronic Closers
 - 3 years: Exit Devices
 - 18 months: Electrified Exit Devices
 - Life of the Building: Hinges
 - 10 years: Continuous Hinges
 - 18 months: All other hardware
- b. **DELETE** item 24; the only mirrors in the project are those included under Section 102813

Item 19.

SECTION 018100 - BUILDING COMMISSIONING REQUIREMENTS,

- a. Article 1.11, paragraph A, subparagraph 2, sub-subparagraph a, **DELETE** sub-sub-sub-subparagraph 4) in its entirety without substitution.
- b. Article 3.5, **REVISE** paragraph A to read "...approximately 10 months into the 18 month warranty period..."
- c. Article 3.5, **ADD** new paragraph C to read:
"C. Thermal Comfort-Verification LEED point: The CxA will survey occupants 6 to 18 months after occupancy and prepare a plan for corrective actions if necessary."

Item 20.

SECTION 018113 - SUSTAINABLE DESIGN REQUIREMENTS - CMR,

- d. Article 1.4, paragraph G, **DELETE** subparagraph 2.
- e. Article 1.4, paragraph H, **DELETE** subparagraph 3.
- f. Article 2.2, paragraph A, **ADD** subparagraph 1 to read:
 - "1. Use building materials or products that have been extracted, harvested, or recovered, as well as manufactured, within 500 miles of the project site, based on cost, of the total materials value. If only a fraction of a product or material is extracted, harvested, or recovered and manufactured locally, then only that percentage (by weight) may contribute to the regional value. Mechanical, electrical, and plumbing components, and specialty items such as elevators and equipment shall not be included in the calculation."
- g. **DELETE** Article 3.1 in its entirety without substitution.

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Item 21.

SECTION 021000 - MAINTENANCE AND PROTECTION OF TRAFFIC, Article 3.1, **REVISE** first sentence of paragraph B to read:

“...minimum thickness of 0.1000 inches.”

Item 22.

This item applies to this project from the time Selective Demolition commences until such time as construction has advanced to the point that the building is no longer required to be temporarily reinforced. Refer to Item 2 above.

SECTION 024119 - SELECTIVE DEMOLITION,

- a. Article 1.5, paragraph D, **DELETE** subparagraphs 4 through 6.
- b. Article 1.6, paragraph C, **ADD** new subparagraph 1 and sub-subparagraphs to read as follows:
 - “1. The Demolition Contractor is required to engage the services of a Registered Engineer to design and detail shoring and/or lateral bracing of structures to remain. The following is a list of acceptable engineering firms to perform these services.
 - f. Girard and Company, LLC, Rocky Hill, CT (860) 563-3820
 - g. BVH Integrated Services, Bloomfield, CT (860) 286-9171
 - h. DiBlasi Associates, Monroe, CT (203) 452-1331
 - i. Joseph Calabrese, P.C., Waterbury, CT (203) 753-1635
 - j. GNGB Consulting Engineers, Old Saybrook, CT (860) 388-1224”
- c. Article 1.6, paragraph F, **ADD** new subparagraph 9 to read
“9. Review impact of demolition on the lateral stability of the existing building”.
- d. Article 3.3, **REPLACE** paragraph I with new paragraph I to read as follows:
 - “I. Temporary Shoring: Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent movement, settlement, or collapse of construction to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished. NOTE that the existing building DOES NOT contain an existing lateral force system for stability. The demolition work will further affect the ability of the structure to resist later forces during construction. The sequence and methods of laterally bracing Founders Hall shall be designed and detailed by the Contractor’s engineer. The temporary lateral bracing system designed and installed by the Contractor shall not be removed until permanent lateral systems shown on the contract documents have been installed. The design of the lateral bracing systems shall be designed and detailed to resist all Code required loads as outlined in the Connecticut Building Code.”
- e. Article 3.3, **ADD** new paragraph J to read as follows:
 - “J. Existing structures are to be monitored on a weekly basis for vertical and lateral movement. Method(s) and plan of proposed monitoring shall be submitted for record. System utilized shall be capable of determining minimum movements of 1/8 inch.”

Item 23.

SECTION 024119 - SELECTIVE DEMOLITION,

- a. At Article 1.7 **DELETE** Paragraph D and subparagraphs 1, 2 and 3 entirely, without substitution.
- b. At Article 1.7 Paragraph E **DELETE** “are present” and **REPLACE** with “may be present”.
- c. At Article 1.7 Paragraph E **DELETE** subparagraphs 1 and 2 entirely and **REPLACE** with new subparagraphs 1 and 2 to read as follows:
 1. If the Contractor should encounter any material suspected or known to contain Asbestos Containing Materials, he shall immediately notify the Construction Manager and Owner.
 2. The Owner will respond within twenty-four (24) hours after receiving the Contractor’s written request to the Construction Manager for testing the suspect material. The Owner shall have the material tested and, if necessary, abated. If abatement is necessary the Owner will abate Asbestos Containing Materials within a reasonable time period, not to exceed seven (7) days.
- d. At Article 1.7 Paragraph F **DELETE** “are present” and **REPLACE** with “may be present”.
- e. At Article 1.7 Paragraph F **DELETE** subparagraphs 1 and 2 entirely and **REPLACE** with new subparagraphs 1 and 2 to read as follows:

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1. If the Contractor should encounter any material suspected or known to contain Hazardous Materials, he shall immediately notify the Construction Manager and Owner.
 2. The Owner will respond within twenty-four (24) hours after receiving the Contractor's written request to the Construction Manager for testing the suspect material. The Owner shall have the material tested and, if necessary, abated. If abatement is necessary the Owner will abate Hazardous Materials within a reasonable time period, not to exceed seven (7) days.
- f. At Article 1.7 Paragraph F DELETE subparagraph 5 in its entirety without substitution.

Item 24.

SECTION 030131.23 - SINGLE-COMPONENT, POLYMER-MODIFIED REPAIR MORTAR, Article 1.2, paragraph A, **REVISE** subparagraph 2 to read:

"Patching of existing concrete walls of areaway with one-component, polymer-modified repair mortar by trowel application or spray application at locations shown (noted as 'parging') on Drawings".

Item 25.

SECTION 032100 - CONCRETE REINFORCING, Article 1.2 **ADD** the following:

"E. LEED Submittals:

1. Product Data for Credit MR4 (Recycled Content): Provide data showing postconsumer and preconsumer recycled materials content of materials and fabricated items provided for this project, stated as a percentage of the materials included in these items or materials as part of the Work of this Section."

Item 26.

SECTION 033000 - CAST IN PLACE CONCRETE,

- a. Article 3.4, **DELETE** paragraph K and associated subparagraphs and **REPLACE** with new paragraph K and subparagraphs as follows:

"K. Curing and Protection: Immediately following placement, concrete shall be protected from premature drying, hot and cold temperatures, rain, flowing water and mechanical injury. Materials and method of curing shall be approved by the Engineer. For all unformed surfaces (slabs): Begin curing immediately after finishing concrete. Cure unformed surfaces, including floors and slabs, concrete floor toppings, and other surfaces, by the following method **(Do not cure slabs or any interior flatwork with curing compounds)**.

1. Moisture-Retaining-Cover Curing: Cover concrete surfaces with moisture-retaining cover for curing concrete, placed in widest practicable width, with sides and ends lapped at least 12 inches (300 mm), and sealed by waterproof tape or adhesive. Cure for not less than seven days. Immediately repair any holes and tears during curing period using cover material and waterproof tape.
 - a. Moisture cure or use moisture-retaining covers to cure concrete surfaces to receive floor coverings.
 - b. Moisture cure or use moisture-retaining covers to cure concrete surfaces to receive penetrating liquid floor treatments.
2. Curing compounds specified in this section may be used at cast in place concrete walls and foundations only, not at slabs or interior flatwork."

Item 27.

SECTION 034500 - ARCHITECTURAL PRECAST CONCRETE,

- a. Article 1.2, paragraph A, **REVISE** subparagraph 1 to read "...at exterior wall openings, wall panels, and panels at base..."
- b. Article 1.2, paragraph B, **ADD** subparagraph 12 to read "Refer to drawing A13.05 for lettering cast into precast panels for signage".
- c. **DELETE** Article 1.3 DEFINITION in its entirety without substitution.
- d. Article 1.5, paragraph E, **DELETE** subparagraph 1 and **REPLACE** with the following subparagraphs 1 and 2:
 - "1. Prepare samples for review and approval as requested by Architect until color and texture for exposed faces have been reviewed and approved by Architect. Multiple submissions of samples until approval has been issued may be required.

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3. DO NOT BEGIN ANY FABRICATION OF ARCHITECTURAL PRECAST UNITS UNTIL SAMPLES HAVE BEEN REVIEWED AND ARCHITECT HAS ISSUED FINAL APPROVAL FOR COLOR AND TEXTURE.
- e. Article 1.6, **DELETE** first sentence of paragraph G and **REPLACE** with new sentence to read:
"Sample Panels: After approval of samples for color and texture has been issued by Architect and before fabricating architectural precast concrete units for inclusion in the Work, produce 4 sample panels, each 16 square feet in area, for review by Architect."
- f. Article 1.6, paragraph G, subparagraph 1, **DELETE** the words "where indicated or, if not indicated,"
- g. Article 1.6, paragraph G, subparagraph 4, **ADD** the words "by Architect" at the end of the sentence.
- h. Article 1.6 **DELETE** second sentence of paragraph H and **REPLACE** with new sentence to read:
"Architect will review range samples for color and texture. Remove range samples not approved by Architect and produce new range samples until approved by Architect for color and texture. Do not produce architectural precast concrete units until after Architect has reviewed and approved range samples. Following Architect's approval of range samples, maintain one set of range samples at Project site and remaining range sample sets at manufacturer's plant as reference for approval of color and texture."
- i. Article 1.6, paragraph I, **ADD** the following to the end of subparagraph 1:
"Architect will review mockup. Do not produce architectural precast concrete units until after Architect has reviewed and approved mockup."
- j. Article 2.2, paragraph A, **DELETE** subparagraph 1 and **REPLACE** with the following (associated sub-subparagraphs to remain unchanged):
 1. PCI's "Architectural Precast Concrete – Color and Texture Selection Guide," Plate Number 346 with the following requirements and as reviewed and approved by Architect."
- k. Article 2.2, paragraph A, **ADD** new subparagraph 2 to read:
 2. Architectural precast concrete units for inclusion in the Work will be reviewed by Architect. Failure of fabricated architectural precast concrete units for inclusion in the Work to match approved samples and to receive approval by Architect will be cause for rejection for inclusion in the Work."

Item 28.

SECTION 042000 - UNIT MASONRY ASSEMBLIES,

- a. Article 1.4, paragraph B **ADD** the following:
 3. Product Data for Credit ID-Cradle to Cradle Certification: Provide documentation showing materials that are Cradle to Cradle Certified products. Include material costs and level of certification for this project."
- b. Article 1.4, paragraph C **DELETE** subparagraph 2.
- c. Article 1.4, paragraph E **DELETE** subparagraph 3.
- d. **DELETE** Article 2.16 in its entirety.
- e. Article 2.17, **DELETE** paragraph C.
- f. Article 3.8, paragraph A, **REVISE** subparagraph 3 to read
 3. Provide reinforcement immediately above and below precast concrete bands in brick masonry walls".
- g. Article 3.10, paragraph A **REVISE** subparagraph 4 to read
 4. Fasten anchors through sheathing to wall framing or to concrete and masonry backup with metal fasteners of type indicated."

Item 29.

SECTION 050513 - FACTORY-APPLIED METAL COATINGS,

- a. Article 1.2, paragraph B **ADD** the following subparagraphs:
 3. Section 051223 Structural Steel for galvanizing of structural steel items to the extent not specified in this Section."
 4. Section 055213 "Pipe and Tube Railings" for galvanizing and color finish of site items."
- b. **ADD** Article 2.4 as follows:

"2.4 FACTORY APPLIED PRIMER

 - A. Factory-Applied Primer: Apply primer using proprietary process within 12 hours after galvanizing at the same facility where the galvanizing is done in a controlled environment meeting applicable environmental regulations and as recommended by the primer coating manufacturer. Prepare surface to receive primer using methods recommended by galvanizer and primer applicator. Do not prepare surface by blast cleaning.

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- B. Primer Materials: Provide primers manufactured by the manufacturer of, compatible and recommended for use with, the intermediate and finish coats to be applied, and produced by one of the manufacturers listed in Division 9 Section 'Painting'."
- c. Article 3.3, **ADD** the following paragraphs:
 - "B. Touch-up of factory-applied primer: The applicator shall be responsible for field-touch-up for up to 1 percent of the surface area at no additional expense to the Owner. Touch-up and repair damaged areas such that repair is not visible from a distance of 6 feet.
 - C. Finish: Apply finish coats to galvanized and primed items to receive field-applied finish under requirements of Division 9 painting sections."

Item 30.

SECTION 051223 - STRUCTURAL STEEL,

- a. Article 1.3, **DELETE** paragraph B (it is a repeat of paragraph A).
- b. Article 2.1, **ADD** paragraph E to read as follows:
 - "E. Galvanizing: Hot-dip galvanize structural steel shapes and steel and iron hardware items as indicated to comply with ASTM A153/A153M for steel and iron hardware and with ASTM A123/A123M for other steel and iron products."

Item 31.

SECTION 053113 - STEEL FLOOR DECK, Article 1.4, paragraph A, **REVISE** subparagraph 4 to read "The CT Building Code, 2003 International Building Code with 2005 CT Supplement and 2009 CT Amendment".

Item 32.

SECTION 054000 - COLD-FORMED METAL FRAMING,

- c. Article 1.2, Paragraph B **ADD** the following:
 - "5. Division 7 Section 074216 Insulated-Core Metal Wall Panels".
- d. Article 1.5, paragraph B **ADD** the following:
 - "3. Credit MR 7: Certificates of chain-of-custody signed by manufacturers certifying that products specified to made from certified wood were made from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC 1.2, "Principles and Criteria." Include evidence that mill is certified for chain-of-custody by an FSC-accredited certification body."
- e. Article 2.6, **DELETE** paragraph G and subparagraph 1 in its entirety.
- f. Article 2.7, **DELETE** paragraph B and associated subparagraphs in its entirety, and **REPLACE** with the following:
 - "B. Water-Resistant Exterior Fiber Reinforced Gypsum Sheathing furnished by Section 075323 and installed by this Section for installation at parapets as part of the roof assembly."

Item 33.

SECTION 055000 - METAL FABRICATIONS,

- a. Article 1.2, paragraph A, **DELETE** subparagraphs 6 and 11.
- b. **DELETE** Article 2.10 in its entirety without substitution. (Pipe bollards are addressed under Section 055213.)
- c. **DELETE** Article 3.5 in its entirety without substitution.

Item 34.

SECTION 055100 - METAL STAIRS, Article 1.2,

- a. Article 1.2, paragraph A, **REVISE** subparagraph 4 to read "...attached to walls adjacent to interior and exterior metal stairs".
- b. Article 1.2, paragraph A, **REVISE** subparagraph 5 to read "...guards at exterior areaway stairs".
- c. Article 1.2, paragraph B, **ADD** subparagraph 7 to read "Section 055213 Pipe and Tube Railings for railings included under site work.
- d. Article 2.7, paragraph A, **REVISE** subparagraph 1 to read "...of steel channels unless detailed otherwise".
- e. Article 2.8, paragraph A, **REVISE** subparagraphs to read as follows:
 - "1. Rails and Posts: 1.66 inch o.d. round steel tube bottom rails and posts.

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4. Handrails: 1.315 inch o.d. round steel tube.
5. Mesh Infill: Woven wire mesh crimped into 1-by-1-by1/16-inch steel channel frames. Orient wire mesh with wires perpendicular and parallel to top rail."
- f. Article 2.8, paragraph A, **REVISE** subparagraph
- g. Article 2.9, **REVISE** paragraph D to read as follows:
"D. Galvanized Stairs, Guards and Railings with Field-Applied Paint Finish: Hot-dip galvanize and prime exterior steel stairs, handrails, and guards provided as part of the Work of this Section, including hardware, at areaway after fabrication in compliance with requirements of Division 5 Section 'Factory-Applied Metal Coatings'."
- h. At Article 2.9, paragraph E, **REVISE** subparagraphs 3 and 4 to new paragraph F with subparagraph 1.

Item 35.

SECTION 055213 - PIPE AND TUBE RAILINGS,

- a. Article 1.2, paragraph A, **REVISE** subparagraph 1 to read "...railings at concrete stairs and ramps".
- b. Article 1.2, paragraph A, **REVISE** subparagraph 2 to read "...finish to railings and fittings prior to ..."
- c. Article 1.2, paragraph B, **ADD** subparagraph 4 to read "Section 090513 – Factory-Applied Metal Coatings".
- d. Article 3.3, **REVISE** paragraph A to read "...not less than 8 inches deep...".
- e. **DELETE** Article 3.4.

Item 36.

SECTION 057300 - ORNAMENTAL HANDRAILS AND RAILINGS,

- a. Article 1.2, paragraph B, **DELETE** subparagraph 1.
- b. Article 1.6, paragraph H, **DELETE** subparagraph 2.
- c. Article 2.7, **DELETE** paragraph K.
- d. Article 2.8, paragraph B, **DELETE** subparagraph 2.

Item 37.

SECTION 061013 - MISCELLANEOUS CARPENTRY, **DELETE** Article 3.6 in its entirety.

Item 38.

SECTION 062023 - INTERIOR FINISH CARPENTRY,

- g. **CLARIFICATION:** ALL steamed beech provided for inclusion in the work of this project shall be "clear, plain sawn or sliced."
- h. **ADD** Article 2.7 as follows:
"2.7 Coat Hooks:
A. Hafele 885.06.209 Coat Hook, Polished Chrome, or equal."

Item 39.

SECTION 064023 - INTERIOR ARCHITECTURAL WOODWORK,

- a. **CLARIFICATION:** ALL steamed beech provided for inclusion in the work of this project shall be "clear, plain sawn or sliced."
- b. Article 1.2, paragraph A, **DELETE** subparagraph 1 in its entirety without substitution.
- c. Article 1.2, paragraph A, **REVISE** subparagraph 7 to read "Custom fabricated display cases".
- d. Article 1.2 paragraph A **ADD** new subparagraph 9 to read: "9. Solid surfacing-material window stools."
- e. Article 1.2 paragraph B **ADD** new subparagraph 5 to read: "Division 6 Section "Interior Finish Carpentry for standing and running wood trim."
- f. Article 1.2, paragraph B, **ADD** subparagraph 6 to read "Section 102113 Toilet Compartments for solid phenolic valance panels installed as part of the Work of this Section."
- g. Article 1.4, paragraph A, **ADD** "engineered stone," after "solid-surfacing material".
- h. Article 1.4, paragraph D, subparagraph 6, **ADD** "and engineered stone" after "solid-surfacing materials".
- i. Article 2.1, paragraph D, **REVISE** subparagraph 1 to read "...shall conform to LEED Credit EQ4.1 for VOC content and emissions".

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- j. Article 2.1, **DELETE** subparagraph 1 in its entirety and **REVISE** paragraph J to read "Tackable Surfaces in Display Case: 1/4" cork. Mount with concealed mechanical fasteners and mastic."
- k. Article 2.1, **ADD** paragraph K to read "Solid phenolic valance panels: 1/2 inch thickness as specified in Section 102113."
- l. **DELETE** Article 2.6 in its entirety. (Standing and running trim is addressed in section 062023.)
- m. Article 2.9, paragraph I, **DELETE** "and soap dispensers".
- n. Article 2.10, **REVISE** paragraph C to read "...1/2 inch for solid-surfacing material, 3/4 inch for engineered stone unless otherwise indicated".
- o. Article 2.10, **DELETE** paragraph G.
- p. **ADD** Article 2.12 as follows:
 - "2.12 Solid Surfacing Material Window Stools
 - A. Quality Standard: Comply with AWI Section 400 requirements for countertops.
 - B. Grade: As specified in "Fabrication, General" Article above.
 - C. Solid-Surfacing-Material Thickness: 3/4 inch.
 - D. Colors, Patterns, and Finishes: Provide materials and products that result in colors of solid-surfacing material complying with the following requirements:
 - 1. Provide Architect's selections from manufacturer's full range of colors and finishes.
 - E. Fabricate window stools in one piece with shop-applied bull-noses where shown and edges, unless otherwise indicated. Comply with solid-surfacing-material manufacturer's written recommendations for adhesives, sealers, fabrication, and finishing.
 - F. Provide blocking and grounds for support of window stools."
- q. Article 3.2, **DELETE** paragraph F in its entirety.
- r. Article 3.2, paragraph H, **REVISE** subparagraph 4 to read "...between backsplash (or counter) and wall..."

Item 40.

SECTION 071413 - HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING: **DELETE** Section in its entirety and replace with attached new Section 071413 HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING consisting of 6 pages and issued with this Addendum.

Item 41.

SECTION 072100 - BUILDING INSULATION,

- a. Article 1.2, paragraph B, subparagraph 1, **REVISE** sub-subparagraphs a thru g to subparagraphs 2 thru 8.
- b. Article 1.2, paragraph B, **REVISE** subparagraph 2 to read "Division 7 Section 'Hot Fluid-Applied Rubberized Asphalt Waterproofing' for insulation..."
- c. Article 1.6, paragraph C, subparagraph 1, **REVISE** sub-subparagraphs a and b to sub-subparagraphs 2 and 3.
- d. Article 1.6, paragraph C, **REVISE** subparagraph 2 to read "...not less than 50 percent" in lieu of "not less than 75 percent".

Item 42.

SECTION 072713 - SELF-ADHERING SHEET AIR BARRIERS,

- a. Article 1.6, **REVISE** paragraph B to read "...exterior wall assembly as shown on Drawings, incorporating backup..."
- b. Article 1.6, paragraph B, **DELETE** subparagraph 4 and **REPLACE** with new subparagraph 4 to read: "Remove mockups when directed by Architect."

Item 43.

SECTION 074216 - INSULATED-CORE METAL WALL PANELS,

- a. Article 1.5, paragraph G, **REVISE** subparagraph 4 to read "Penetrations of wall by pipes, utilities, and signage".
- b. Article 1.6, paragraph E, subparagraph 1 **DELETE** "one bay wide by one story high by"
- c. Article 1.6 paragraph E, **DELETE** subparagraph 4 and **REPLACE** with new subparagraph 4 to read: "Remove mockups when directed by Architect."

Item 44.

SECTION 075323 - EPDM MEMBRANE ROOFING,

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- a. Article 1.2, paragraph B, **REVISE** subparagraph 4 to read "...water-resistant fiber-reinforced gypsum sheathing, furnished under Section 075323 as part of the roof assembly, for installation as part of the work of Section 054000."
- b. Article 1.4, paragraph D, subparagraph 2, **REVISE** sub-subparagraph b to read "...Refer to Article 1.10 Warranty in this Section" in lieu of "...Refer to Article 1.9 "Warranty in this Section".

Item 45.

SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS,

- a. Article 2.5, paragraph A, **REVISE** subparagraph 1 to read "...full range of standard, premium, and custom colors".
- b. Article 2.12, paragraph D, **REVISE** subparagraph 1 to read "...from full range of standard, premium, and custom colors".

Item 46.

SECTION 084413 - GLAZED ALUMINUM CURTAIN WALLS,

- a. Article 2.4, paragraph A, **REVISE** subparagraph 1 to read "...full range of standard, premium, and custom colors".
- b. Article 2.11, paragraph D, **REVISE** subparagraph 1 to read "...from full range of standard, premium, and custom colors".

Item 47.

SECTION 085113 - ALUMINUM WINDOWS, Article 3.3, paragraph B, subparagraph 1, **DELETE** text that reads "Test Method [A] [B]" without substitution.

Item 48.

SECTION 087100 - DOOR HARDWARE Article 1.9 **DELETE** Paragraph A and subparagraphs 1 – 5 and **REPLACE** with new Paragraph A and subparagraphs 1 – 7 as follows:

- A. Provide manufacturer's warranties as follows:
 1. Closers: As specified in Section 017830 "Warranties and Bonds."
 2. Electronic Closers: As specified in Section 017830 "Warranties and Bonds."
 3. Exit Devices: As specified in Section 017830 "Warranties and Bonds."
 4. Electrified Exit Devices: As specified in Section 017830 "Warranties and Bonds."
 5. Hinges: As specified in Section 017830 "Warranties and Bonds."
 6. Continuous Hinges: As specified in Section 017830 "Warranties and Bonds."
 7. All other hardware: As specified in Section 017830 "Warranties and Bonds."

Item 49.

SECTION 093033 - DIMENSION STONE TILE,

- a. Article 1.2, paragraph A, **REVISE** subparagraph 1 to read "...at Lobby and Breakout spaces as shown on Drawings".
- b. Article 2.3, **DELETE** paragraph C.

Item 50.

SECTION 101436 - SIGNAGE,

- a. Article 1.2, paragraph A, subparagraph 2, **REVISE** sub-subparagraph d to read "Environmental graphic panels, including those related to LEED and Health".
- b. Article 1.2, paragraph B, **DELETE** subparagraph 4.
- c. Article 1.4, paragraph A, **ADD** new subparagraph 1 to read:
 - "1. LEED Submittals:
 - a. Credit EQ 4.1: Manufacturers' product data for installation adhesives, including printed statement of VOC content.
 - b. Credit EQ 4.4:
 - 1) Composite wood manufacturer's product data for each composite wood product used indicating that the bonding agent contains no urea formaldehyde.
 - 2) Adhesive manufacturer's product data for each adhesive used indicating that the adhesive contains no urea formaldehyde.
 - c. Product Data for Credit MR 4 (Recycled Content): Provide data showing postconsumer and preconsumer recycled materials content of materials and fabricated items provided for this

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project, stated as a percentage of the materials included in these items or materials provided as part of the Work of this Section.

- d. Product Data for Credit MR 5 (Regional Materials): Provide data showing materials that have been extracted, harvested, or recovered, as well as manufactured, within 500 miles of Project site. If only a fraction of a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.
- e. Credit MR 7: Certificates of chain-of-custody signed by manufacturers certifying that products specified to be made from certified wood were made from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC 1.2, "Principles and Criteria." Include evidence that mill is certified for chain-of-custody by an FSC-accredited certification body."
- d. Article 1.4, **DELETE** "to Client" from paragraph H.
- e. Article 2.6, Paragraph D **DELETE** text that reads "shall be approved by Client prior to production" and **REPLACE** with text to read "...shall be approved by Owner and Architect prior to production".
- f. Article 3.1, **REVISE** second sentence of paragraph A to read "...arrange meeting with Owner and Architect at site..."
- g. Article 3.3, **DELETE** "to Client" from paragraph A.
- h. Article 3.3, **REVISE** paragraph C to read "...until Date of Substantial Completion".
- i. Article 3.4, **REVISE** quantity of bent room panels to match locations indicated on drawings as revised by this Addendum.
- j. Article 3.4, **DELETE** flat room panels.
- k. Article 3.4, **REVISE** quantity of Environmental Graphics Green to 20; **CLARIFICATION:** these signs are also referred to as "Educational Sign LEED".
- l. Article 3.4, **CLARIFICATION:** the Environmental Graphics Health are also referred to as "Educational Sign Health".
- j. **REVISE** specification number to 101436 at end of section.

Item 51.

SECTION 102113 - TOILET COMPARTMENTS, Article 1.2, paragraph B, **ADD** the following subparagraph:

- "2. Section 064023 Interior Architectural Woodwork for phenolic panels furnished under Section 102113 and installed under Section 064023."

Item 52.

SECTION 103000 - GAS FIREPLACE,

- a. Article 1.2, paragraph B, **DELETE** subparagraph 3 and **REPLACE** with new subparagraph 3 to read:
"3. Division 10 Section "Marble Fireplace Surround".
- b. Article 2.2, **DELETE** paragraph A and replace with new paragraph A to read:
"A. Basis-of-Design Product: Heatilator Heirloom Direct Vent Gas Fireplace HEIR50 with arched opening FS-50A and Intelli Fire Plus RC300 wireless control, or a comparable product of one of the following:"
- c. Article 2.2, **DELETE** "and wall mounted control" from end of paragraph B.
- d. Article 2.2, **ADD** new paragraph C and related subparagraphs as follows:
"C. Controls
 1. Fireplace manufacturer furnished wireless control unit that allows for wall placement or use as a remote. Features to include: on/off, auto battery backup, pilot activation, 5 step flame height, fan speed, two additional auxiliary functions, room temperature readout, thermostat mode, timer mode, child lock, and wall docking station. Mount docking station in cabinet at location as directed by Architect.
 2. Provide three additional battery-powered remotes with timer mode, thermostat mode, room temperature readout, and on/off features.

Item 53.

SECTION 103013 - MARBLE FIREPLACE SURROUND,

- a. Article 1.2, paragraph B, **ADD** the following subparagraphs:
 - "2. Division 5 Section 'Metal Fabrications'.
 3. Division 10 Section 'Gas Fireplace'."
- b. Article 2.2, **REVISE** paragraph A to read "...www.pistrittomarble.com, or other distributors".
- c. Article 2.6, **ADD** paragraph F to read "Vein direction shall be horizontal, unless otherwise indicated".

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Item 54.

SECTION 114000 - FOOD SERVICES SPECIFICATIONS AND FOOD SERVICE EQUIPMENT CUT SHEETS,

- a. **CLARIFICATION:** wherever 'General Contractor' is indicated, intent is for the CMR (or particular non-KEC contractor assigned the particular scope of work) to take responsibility.
- b. Article 1.01, paragraph A, **DELETE** subparagraphs 14 and 18; they are not in project scope.
- c. At Part 2-Services, **DELETE** reference to Tenant from paragraph A.
- d. At Part 2-Services, paragraph A, subparagraph 2, **REVISE** Division reference to 26 (in lieu of 16).
- e. At Part 2-Services, paragraph A, **DELETE** subparagraph 5.
- f. Article 1.02, **DELETE** paragraphs B, D, F, G, and K.
- g. Article 1.02, paragraph E, **REVISE** Division reference to 22.
- h. Article 1.02, paragraph I, **REVISE** Division reference to 23.
- i. Article 1.02, paragraph J, **REVISE** Division reference to 26.
- j. Article 1.03, paragraph B, **DELETE** subparagraph 4.
- k. Article 1.03, paragraph C, **ADD** the following prior to the first sentence of subparagraph 4: "Coordinate with Section 012500 Substitution Procedures - CMR".
- l. Article 1.06, **ADD** the following prior to the first sentence of paragraph A: "Coordinate with Section 017830 Warranties and Bonds – CMR".
- m. Article 2.02, paragraph J, **ADD** subparagraph 4: "VOCs to meet requirements listed for 079200 Joint Sealants".
- n. Article 2.02, paragraph L, subparagraph 3, **DELETE** manufacturer and model numbers listed from subparagraphs and replace with "as specified".
- o. Article 2.02, **DELETE** paragraph N.
- p. Article 2.03, **DELETE** paragraph D in its entirety; there are no pieces of kitchen equipment that require gas.
- q. Article 2.03, **DELETE** paragraph E in its entirety; there are no pieces of kitchen equipment that require steam.
- r. Article 2.04, paragraph A, **DELETE** subparagraphs 2 and 4.
- s. Article 2.05, **DELETE** paragraphs M, O, P, S, and T in their entireties.
- t. Article 3.04, **DELETE** paragraph B in its entirety.
- u. Listing of Kitchen Equipment and Cuts, **CLARIFICATION:** wherever <by others> is noted, disregard manufacturer, model, and description; unless noted otherwise, equipment is not in this contract (NIC), but expected to be purchased in the future by the Owner through FFE funding.
- v. Listing of Kitchen Equipment item #4D and #27D Grease Trap Interceptors, **ADD** note "see plumbing drawings for required work".
- w. Listing of Kitchen Equipment item #7 Ice Cuber with Bin, **DELETE** <by others>; item is to be provided by KEC.
- x. Listing of Kitchen Equipment item #10 Security Gate, **ADD** note "see architectural drawings for required work".
- y. Listing of Kitchen Equipment item #12 Work Counter, **DELETE** reference to quartz top; top shall be stainless steel.
- z. Listing of Kitchen Equipment item #15 Espresso Cappuccino Machine, **REVISE** to <by others>; future purchase by the Owner.
- aa. Listing of Kitchen Equipment item #17 Front Counter, **ADD** note "see architectural drawings for required work".
- bb. Listing of Kitchen Equipment item #18 Ice Cuber with Bin, **DELETE** <by others> and accessory casters; equipment will sit directly on floor to fit under accessible countertop.
- cc. Listing of Kitchen Equipment item #26 Work Table, **ADD** <by others>; future purchase by the Owner
- dd. Equipment Information Sheets, **CLARIFICATION:** where <future> is noted, disregard manufacturer, model, and description; unless noted otherwise, equipment is not in this contract (NIC), but expected to be purchased in the future by the Owner through FFE funding.
- ee. Equipment Information Sheets, **CLARIFICATION:** where <by others> or <by vendor> is noted, **DELETE** (# req'd).
- ff. Equipment Information Sheet of item #4D and #27D Grease Trap Interceptors, **DELETE** (1 req'd); **ADD** note "see plumbing drawings for required work".
- gg. Equipment Information Sheet of item #7 Ice Cuber with Bin, **DELETE** <by others>; item is to be provided by KEC.
- hh. Equipment Information Sheet of item #10 Security Gate, **ADD** note "see architectural drawings for required work".
- ii. Equipment Information Sheet of item #12 Work Counter, **DELETE** reference to quartz top; top shall be stainless steel.
- jj. Equipment Information Sheet of item #15 Espresso Cappuccino Machine, **REVISE** to <by others>; future purchase by the Owner.
- kk. Equipment Information Sheet of item #18 Ice Cuber with Bin, **DELETE** <by others> and accessory casters; equipment will sit directly on floor to fit under accessible countertop.
- ll. Equipment Information Sheet of item #26 Work Table, **ADD** <by others>.

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SECTION 129300 - SITE FURNISHINGS, Article 2.4, **DELETE** paragraph A and **REPLACE** with new paragraph as follows:

- "A. Granite Bollards: Shall be of hard and durable granite, to match materials and colors as specified in Section 044200 'Dimension Stone Cladding', free from seams which impair its structural integrity, and of smooth splitting character. Natural color variations characteristic of the deposit will be permitted. Granite shall come from approved quarries."

Item 56.

SECTION 134913 - RADIATION SHIELDING, Article 2.2, paragraph B, **REVISE** subparagraph 4 to read "...unpierced sheet lead, thickness as required, laminated to gypsum wallboard".

SECTION 220500 - COMMON WORK RESULTS FOR PLUMBING, Article 2.18, **REVISE** the fourth sentence to read "...without occupying any floor space or interfering with handicapped accessible clearances."

Item 57.

SECTION 230593 - TESTING, ADJUSTING AND BALANCING FOR HVAC,

- a. Article 1.1, **ADD** the following:
"E. Refer to Section 014523.13 Testing for Indoor Air Quality, Baseline IAQ, & Materials-CMR for work related to this section."
- b. Article 1.2, **ADD** the following:
"D. Provide reports/documentation as necessary for LEED Credits IEQ3.1 and IEQ3.2."

Item 58.

SPECIFICATION SECTION 23 07 00 – HVAC INSULATION: At Article 2.5 **REVISE** Paragraph A as follows:

"Wrap ductwork and piping as indicated on drawings for sound attenuation. Use Model KNM-200AL noise barrier as manufactured by Kinetic Noise Control or Sound Seal B-10 LAG/QFA-3 loaded vinyl noise barrier with fibrous glass reinforced aluminum foil and 1"thick quilted fiberglass decoupler. The material shall have an STC rating of 29 and R factor of 4."

Item 59.

SECTION 232113 - HYDRONIC PIPING,

- a. Article 2.21, **REVISE** paragraph I to read "The unit heaters shall be..."
- b. Article 2.24, paragraph A **DELETE** "complete installation of four boiler/burner units" and **REPLACE** with "...complete installation of two boiler/burner units".

Item 60.

SECTION 233113 - METAL DUCTS,

- a. Article 2.10, **REVISE** paragraph D to read "Provide companion pre-fabricated sound curb, height as called for in schedule".
- b. Article 2.14, **REVISE** paragraph B to read "...shall be erected on minimum 4" high reinforced..."

Item 61.

SECTION 237313 - AIR HANDLING UNIT,

- a. Article 3.3 Paragraph E **DELETE** "and Section 232116 Hydronic Piping Specialties."
- b. Article 3.3, **DELETE** paragraphs F and G without substitution.
- c. Article 3.3, **REVISE** paragraph H to read "...requirements in Section 233113 Metal Ducts" in lieu of "Section 233300 Air Duct Accessories."

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SECTION 26 05 00 – BASIC ELECTRICAL MATERIALS AND METHODS:

- a. Article 2.4, **ADD** paragraph G as follows:
“G. Provide Arc-Flash Hazard Warning labels for the switchboard, panelboards, and meter socket in accordance with NEC Article 110.16.”
- b. Article 2.4, **ADD** paragraph H as follows:
“H. Provide a type written adhesive label for the switchboard noting the maximum available fault current including the date the fault current calculation was performed. “
- c. Article 3.2, **ADD** paragraph V as follows:
“V. The minimum burial depth for site electrical conduits shall be 30 inches.”

Item 63.

SECTION 26 20 00 – SERVICE AND DISTRIBUTION:

- a. Article 1.4, paragraph D, subparagraph 1, sub-subparagraph c, **DELETE** the word “existing” from the first sentence.
- b. Article 2.7, paragraph A, subparagraph 7, **REVISE** “65Krms” in both sentences to “42Krms”.
- c. Article 2.7, paragraph C, subparagraph 2, **REVISE** “65K A.I.C.” to “42K A.I.C.”.
- d. Article 2.8, paragraph B, **REVISE** “120KA/Phase” to “100KA/Phase”.
- e. Article 2.8, paragraph C, **ADD** subparagraph 14 as follows:
“14. SPD device where scheduled.”

Item 64.

SPECIFICATION SECTION 26 29 23 – VARIABLE FREQUENCY MOTOR CONTROLLERS: ADD new Section 262923 “Variable Frequency Motor Controllers” consisting of 13 pages and issued with this Addendum.

Item 65.

SECTION 26 30 00 – EMERGENCY POWER GENERATOR:

- a. Article 2.1, paragraph J, **ADD** subparagraph 6 as follows:
“6. Weatherproof emergency stop station.”
- b. Article 3.2, **ADD** paragraph C as follows:
“C. Provide sub-base fuel tank low fuel and basin alarm wiring in accordance with the manufacturer’s instructions.”

Item 66.

SECTION 27 00 00 – TELECOMMUNICATIONS INFRASTRUCTURE:

- a. Article 1.2, paragraph B, subparagraph 2, **DELETE** the words “by GC”.
- b. Article 1.2, paragraph B, subparagraph 5, **DELETE** the words “by EC”.
- c. Article 1.3, **DELETE** paragraph C and all related subparagraphs in their entirety.
- d. Article 1.3, **DELETE** paragraphs D and E.
- e. Article 1.8, **DELETE** paragraph C and all related subparagraphs in their entirety.
- f. Article 1.16, **DELETE** paragraph F and all related subparagraphs in their entirety.
- g. Article 2.4, paragraph A, **REVISE** the second sentence to read “Comply with requirements for plywood backboards in Section 26 05 00.”
- h. Article 3.2, **DELETE** Paragraph F.

Item 67.

SECTION 28 31 00 – FIRE ALARM SYSTEM:

- a. Article 1.8, **ADD** paragraph C as follows:
“C. The fire alarm control panel will be connected to the NVCC Campus fire alarm network by fiber optic cabling. Provide fiber optic cabling as required from the fire alarm control panel to the building MDF in the basement and make connection to an available fiber optic patch panel in one of the equipment racks. Fiber optic cabling from the MDF to the Campus fiber optic demarcation point will be by others under separate contract. Provide for all required modifications to existing Campus fire alarm control

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panels including equipment, communications cards, and labor as required to connect the new fire alarm control panel into the existing Campus fire alarm network.”

- b. Article 2.1, paragraph A, **REVISE** subparagraph 2 to read as follows:

“2. All wiring in normally occupied (finished) areas of the building shall be installed concealed from view within the building structure. Wiring may only be installed exposed to view in Mechanical and Electrical Rooms, and rooms without ceilings (exposed to structure above). Provide minimum ¾” EMT conduit for wiring run within walls, above non-accessible ceilings, and where exposed to view. “

Item 68.

SECTION 321400 - UNIT PAVING,

- a. Article 2.2, **DELETE** the last two sentences of paragraph A and **REPLACE** with “Granite shall come from approved quarries and, when tested, shall have an Abrasion Resistance Wear Index Value of 299 per ASTM C-1353. Static Coefficient of Friction for thermal finish pavers shall be 1.04 Dry and 0.995 Wet per ASTM C-1028.”
- b. Article 2.3, **DELETE** the last two sentences of paragraph A and **REPLACE** with “Granite shall come from approved quarries and, when tested, shall have an Abrasion Resistance Wear Index Value of 299 per ASTM C-1353. Static Coefficient of Friction for thermal finish pavers shall be 1.04 Dry and 0.995 Wet per ASTM C-1028.”

Item 69.

SECTION 329300 - PLANTS, Article 2.4, DELETE paragraph A and associated subparagraphs and **REPLACE** with new paragraph A and subparagraphs as follows:

“A. Tree Grates: Manufacturer's standard ADA compliant tree grates and frames.

1. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings:
 - a. Tree grates and frames –
 - 1) “Boston” model, 5’ square as manufactured by Urban Accessories, 465 East Fifteenth Street, Tacoma, WA 98421.
 - 2) “Manhattan” model 8681, 60” square as manufactured by EJCO, 301 spring street, East Jordan, MI 49727.
 - 3) “Market Street model, 60” square as manufactured by IronSmith, 41701 Corporate Way, Suite 3, Palm Desert, CA
2. Grates: ASTM A 48/A 48M, (Class 35b) or better, 100% recycled, gray-iron castings; hardness 170-223 brinnell.
3. Frames: ASTM A 36/A 36M steel-angle, hot-dip galvanized, of shape, pattern, and size indicated.”

Item 70.

SECTION 334100 - STORM UTILITY DRAINAGE PIPING,

- a. Article 2.7, paragraph A, **DELETE** last sentence.
- b. Article 2.7, paragraph B, **DELETE** subparagraph 3 in its entirety.
- c. Article 2.7, paragraph C, **REVISE** subparagraph 2 to read “...vehicular traffic, type to be cast in place”.
- d. Article 2.7, paragraph C, **REVISE** subparagraph 5 to read “to match tree grate specifications”.
- e. Article 2.7, **ADD** paragraph D as follows:

“D. Trench Frames and Grates: Manufacturer's standard ADA compliant trench grates and frames.

1. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings :
 - a. Trench Drains –
 - 1) “Boston” model, 6” standard ADA as manufactured by Urban Accessories, 465 East Fifteenth Street, Tacoma, WA 98421.
 - 2) “Manhattan”, 6” x 24” Manhattan Trench Grate, Model 6897M as manufactured by EJCO, 301 spring street, East Jordan, MI 49727
 - 3) “Market Street” model, 6” x 24” Trench Grate, ½” maximum slot openings for ADA compliance and pedestrian safety as manufactured by Iron Smith, 41701 Corporate Way, Suite 3, Palm Desert, CA.”

DRAWINGS – GENERAL CONSTRUCTION

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Item 71.

INFO.1 – INFORMATION SHEET: At Mounting Heights **ADD** ADA panel signage as shown on attached sketch AD1-SK-INFO.1.

Item 72.

DRAWING INFO.1 – INFORMATION SHEET: At Mounting Heights **ADD** ADA panel signage as shown on attached sketch AD1-SK-INFO.1.

Item 73.

DRAWING INFO.1 – INFORMATION SHEET: At Mounting Heights **ADD** ADA panel signage as shown on attached sketch AD1-SK-INFO.1.

Item 74.

DRAWING INFO.2 – INFORMATION SHEET, LIST OF DRAWINGS: Under Volume I,

- a. **REVISE** sheet A4.2 to read "Precast & Granite Details".
- b. **REVISE** sheet A11.3 to read "Scale-Up Classroom F126".
- c. **REVISE** sheet A11.4 to read "Computer Classroom F125 & Classroom F206".
- d. **REVISE** sheet A11.5 to read "Classrooms F121 & F122".

Item 75.

DRAWING INFO.2 – INFORMATION SHEET, LIST OF DRAWINGS: Under Volume II,

- a. **ADD** the following after TA4.3:
 - TA4.4 – Audiovisual Infrastructure, Conduit Riser Diagrams
 - TA5.1 – Technology Elevations
 - TA5.2 – Technology Elevations
- b. **REVISE** second "TA6.1" to "TA6.2".

Item 76.

DRAWING CD-2 – CODE INFORMATION & EGRESS PLANS: At second floor plan, **ADD** smoke partition designation to three walls encompassing Janitor F229.

Item 77.

DRAWING ASB – EXISTING CONDITIONS:

- a. **REVISE** sheet number to "1 of 1".
- b. **REVISE** sheet title to "Site Survey" in lieu of "Existing Conditions".

Item 78.

DRAWING L2.3 – SITE GRADING ENLARGEMENT: At detail 1, **REVISE** manhole top of frame elevation as indicated in revision cloud on attached sketch AD1-SK-L2.3-1.

Item 79.

DRAWING C2.0 – SITE UTILITY DEMOLITION PLAN: **ADD** demolition work for stubbed electric, gas, and water utility services as shown on attached sketch AD1-SK-C2.0-1.

Item 80.

DRAWING L3.1 – SITE DETAILS:

- a. At detail 7, **REVISE** note regarding No. 4 bar to read "...2" clear, 16" on center spacing, both ways".
- b. At detail 10, **REVISE** note regarding No. 4 bar to read "...2" clear, 16" on center spacing, both ways".

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Item 81.

DRAWING L3.5 – SITE DETAILS: **DELETE** detail 5 in its entirety, and **REPLACE** with revised detail as shown on attached sketch AD1-SK-L3.5-1.

Item 82.

DRAWING A1.0A – BASEMENT FLOOR PLAN - SOUTH:

- a. **ADD** note that reads “see sheet A1.1A for general notes”.

Item 83.

DRAWING A1.0B – BASEMENT FLOOR PLAN - NORTH: In coordination with Plumbing Drawings,

- a. At Mechanical Room F001, **ADD** another floor drain near Electric Room F001A wall.
- b. **ADD** floor drain to Utility Room F008B.
- c. **REVISE** label of floor drain outside door 011 to read “new drain”.
- d. **ADD** sump pump to Sprinkler/Water Service F003.

Item 84.

DRAWING A1.0B – BASEMENT FLOOR PLAN - NORTH:

- a. In coordination with Structural Drawings, **ADD** two auger piles to exterior seismic bracing system: one at far north end and one at far south end.
- b. **ADD** note that reads “see sheet A1.1A for general notes”.

Item 85.

DRAWING A1.1A – MAIN LEVEL FLOOR PLAN - SOUTH: At detail 1,

- a. **REVISE** 2/A1.1A detail key at west entry to read “3/A1.1A”.
- b. **REVISE** 3/A1.1A detail key at east entry to read “4/A1.1A”.
- c. At Lecture Hall F102 **ADD** note “See sheet A11.1 for steps, railing, and fixed table configurations and dimensions”.
- d. At Multipurpose Room F101, **ADD** three additional room capacity signs to address the three smaller spaces created by utilizing the operable panel partitions.
- e. At Multipurpose Room F101, **REVISE** chase size for rain leaders near Stair A by expanding westward.
- f. At Chair/Table Storage F101B, **REVISE** chase size as required to encase sanitary vertical.
- g. **CLARIFICATION:** recessed slab at Vestibules F141 and F149 are ½” deep for tile flooring; recessed slab at Lobby and Breakout is 2½” deep for stone tile flooring.’
- h. At Food Service F103, **ADD** two grommets: one in plastic laminate countertop by door 103, and one in engineered stone countertop for cash register terminal.
- i. **ADD** note “LEED plaque” adjacent to cast metal plaque just west of Vestibule F149.

Item 86.

DRAWING A1.1B – MAIN LEVEL FLOOR PLAN - NORTH: At generator enclosure,

- a. **ADD** note “coordinate extent of concrete slab with generator manufacturer and drawings L1.1 and SE.2”.
- b. **ADD** section key 12A/A2.8.
- a. **ADD** note “see sheet A2.2 for elevations of generator enclosure; coordinate with structural sheet S2.8”.

Item 87.

DRAWING A1.1B – MAIN LEVEL FLOOR PLAN - NORTH: **REVISE** note that references another sheet for general notes to read “see sheet A1.1A for general notes”.

Item 88.

DRAWING A1.2A – SECOND FLOOR PLAN - SOUTH: At Mechanical F201,

- a. **ADD** floor drain near column Ad-A4 to coordinate with plumbing drawings.

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- b. **ADD** radon piping near column Ac-A4.5 to coordinate with plumbing drawings.
- c. **REVISE** location of floor drain at AHU-3 westward to coordinate with plumbing drawings.
- d. **ADD** water heater and janitor sink to southeast corner of room to coordinate with plumbing drawings.
- e. **REVISE** location of floor drain closer to water heater and janitor sink to coordinate with plumbing drawings.
- f. **CLARIFICATION:** wall type at western wall (obscured by AHU-4) reads 9A.

Item 89.

DRAWING A1.2A – SECOND FLOOR PLAN - SOUTH: **DELETE** column Af-A4.5 to coordinate with structural drawings; it does not extend above the second floor construction.

Item 90.

DRAWING A1.3A – THIRD FLOOR PLAN - SOUTH: At Non-Credit Storage F301, **ADD** four roof walkway pads (2 by 2) outside door 301B.

Item 91.

DRAWING A1.3B – THIRD FLOOR PLAN - NORTH:

- a. **DELETE** column H-13 and related column enclosure.
- b. **REVISE** location of plan detail key 10/A7.3 to column J-13.
- c. **REVISE** northern wall type in Control F347 to read 11E (in lieu of 11A).

Item 92.

DRAWING A1.4A – ROOF PLAN - SOUTH:

- a. **ADD** three vents (VTR's) to coordinate with plumbing drawings: near column line intersection Ac-A3; along column line Af, halfway between A3 and A4; and near column line Ad, between A6 and A7.
- b. **ADD** radon exhaust near column line intersection Ad-A3 to coordinate with plumbing drawings.

Item 93.

DRAWING A1.4B – ROOF PLAN - NORTH:

- a. At Roof Plan Legend **ADD** "coordinate layout as required" to roof walkway pads.
- b. **REVISE** location of new mechanical condensing units slightly to avoid overlap with walkway pads.
- c. **REVISE** size of expansion joint along column line 7 to 1" (in lieu of 2") to coordinate with existing drawings (verify).
- d. **ADD** exhaust pipe along column line 1.8, between B and C to coordinate with mechanical drawings.
- e. **ADD** vacuum exhaust along column line C, between 6 and 7 to coordinate with mechanical drawings.
- f. **ADD** six vents (VTR's) to coordinate with plumbing drawings; near column line 1.4 and between J and K; between column lines C and D, between 6 and 7; between column lines J and K, between column lines 8 and 9; between J and K, near 12; and two between column lines 2 and 3, between C and D.
- g. **REVISE** note regarding louver penthouse to read "new mechanical louver penthouse, coordinate with mechanical drawings; see detail 2/A1.4B for area directly below cap".
- h. **ADD** section marker 20A/A2.10 to louver penthouse shown in detail 1 and detail 2.
- i. At detail 2 **REVISE** title to read "Enlarged Plan Below Mechanical Louver Penthouse".
- j. **REVISE** raised elevator override roof per attached sketch AD1-SK-A1.4B.

Item 94.

DRAWINGS A1.4A – ROOF PLAN - SOUTH

A1.4B – ROOF PLAN – NORTH

ADD note to roof plan to read: "Fully Adhered Membrane Roof System: EPDM membrane over cover board over rigid insulation on roof deck. Slope to elevations shown. Install to meet specified performance requirements."

Item 95.

DRAWINGS A1.4A – ROOF PLAN - SOUTH

A1.4B – ROOF PLAN – NORTH

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DATE OF ADDENDUM: October 16, 2014

A2.5, A2.6, A2.7, A2.8, A2.9, A2.10, A2.11, A2.12 – WALL SECTIONS
A3.1, A3.2, A3.3 – ENLARGED DETAILS

- a. **CLARIFICATION:** "Protection Board" noted on Drawings is "Cover Board," refer to Section 075323 EPDM Membrane Roofing.

Item 96.

DRAWINGS A2.6, A2.8, A2.10, A2.11, A2.12 – WALL SECTIONS

- a. **CLARIFICATION:** At all locations showing EPDM membrane applied over sheathing on vertical surfaces, the sheathing over which the EPDM membrane is installed is water-resistant fiber reinforced gypsum sheathing as specified by Section 054000 "Cold-Formed Metal Framing".

Item 97.

DRAWING A3.1 – ENLARGED DETAILS

- a. **CLARIFICATION:** At Details 1/A3.1, 4/A3.1, 5/A3.1, 6/A3.1, 7/A3.1 and 10/A3.1 EPDM membrane applied over sheathing on vertical surfaces, the sheathing over which the EPDM membrane is installed is water-resistant fiber reinforced gypsum sheathing as specified by Section 054000 "Cold-Formed Metal Framing".
- b. At Detail 10/A3.1 **DELETE** "cement board" and **REPLACE** with water-resistant fiber-reinforced gypsum sheathing.

Item 98.

DRAWINGS A3.1, A3.2, A3.3 – ENLARGED DETAILS

- a. Details 8/A3.1, 9/A3.1, 22/A3.2 and 27/A3.3: at locations showing EPDM membrane applied over sheathing on vertical surfaces **ADD** note pointing to sheathing to read: "Water-resistant fiber-reinforced gypsum sheathing."

Item 99.

DRAWING A2.1 – BUILDING ELEVATIONS:

- a. At detail 6 **ADD** note "1" expansion joint" to column line 7.
- b. At detail 7 **ADD** signage to metal panels and note "coordinate signage with drawings A13.03 and A13.04".
- c. At detail 8A **REVISE** elevation of entry doors by adding a horizontal mullion to match door type C as scheduled.
- d. At South Elevation 7 illustrating insulated metal panels (third floor offices), **REVISE** detail number to "7A" in lieu of "7".

Item 100.

DRAWING A2.2 – BUILDING ELEVATIONS:

- a. At detail 1 **ADD** note "1" expansion joint" to column line 7.
- b. At detail 1 **DELETE** wall hydrant near column line 2.
- c. At detail 1A, **REVISE** elevation of entry doors by adding a horizontal mullion to match door type C as scheduled.
- d. At detail 1A, **ADD** note "type 17" to architectural precast at wall section marker 14/A2.9.
- e. At detail 3 **ADD** signage to masonry wall and note "coordinate signage with drawing A13.06".
- f. At detail 3 **REVISE** column line "Aj" to read "Ag".
- g. At detail 3 **REVISE** window key at left-hand window to A7 (in lieu of A8).
- h. At detail 5 **REVISE** location of roof overflow outlets further away from inside corner with note "36" minimum from curtainwall".
- i. At detail 8 **ADD** signage to precast lintel and note "coordinate lettering cast into panels with drawing A13.05".
- j. At detail 8 **REVISE** elevation of entry doors by adding a horizontal mullion to match door type C as scheduled.
- k. At detail 9 **ADD** note "type 2" to granite base.

Item 101.

DRAWING A2.4 – BUILDING SECTIONS:

- a. At detail 2 **DELETE** column line indicated as A5.
- b. At detail 2 **REVISE** column line indicator from A6 to A5.
- c. At detail 3 **REVISE** wall section detail at column line Ah from 23/A2.12 opposite to 16/A2.9.

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Item 102.

DRAWING A2.6 – WALL SECTIONS:

- a. At detail 7 **CLARIFICATION**: notes at first and third floors (just below ceilings) that have been cut off should read “steel angle framing, refer to structural drawings”.
- b. At detail 7 **ADD** note to full height dimension line “refer to window type F for additional dimensions”.

Item 103.

DRAWING A2.7 – WALL SECTIONS:

- a. **ADD** general note to read “weeps provided below architectural precast panels at main floor level shall be mounted horizontally”.
- b. At detail 9A **CLARIFICATION**: notes regarding thru wall flashing and weeps should have arrows pointing to bottom courses of brick.
- c. At detail 9A **ADD** note “continuous fluid-applied air barrier, typ. both sides”.
- d. At detail 9 **CLARIFICATION**: arrow from note regarding thru wall flashing at top of wall should be pointing to top course of brick.
- e. At detail 9 **DELETE** “rope” from note regarding weeps below architectural precast panels at main floor level.
- f. At detail 9 **REVISE** in three locations, wall flooring note to read “wall finish, see finish schedule”.

Item 104.

DRAWING A2.8 – WALL SECTIONS:

- a. At detail 12A **ADD** “to Generator” to end of detail title.
- b. At detail 13A **ADD** note to read: “continuous fluid-applied air barrier, typ. both sides”.

Item 105.

DRAWING A2.9 – WALL SECTIONS: At detail 14 **CLARIFICATION**: arrow from brick veneer note should be referencing masonry ties; arrow from brick veneer note should point to exterior face of brick.

Item 106.

DRAWING A2.10 – WALL SECTIONS:

- a. At detail 20A **ADD** section marker 20B/A2.10 perpendicular to mechanical chase shown at first floor framing.
- b. **ADD** detail 20B as shown on attached sketch AD1-SK-A2.10.

Item 107.

DRAWING A2.11 – WALL SECTIONS:

- a. At detail 21 **REVISE** note at weeps at first floor to read “weeps at 16” o.c., mounted horizontally”.
- b. At detail 21 **REVISE** note at weeps above window head to read “weeps at 16 inches o.c.” in lieu of “weeps at 32 inches o.c.”

Item 108.

DRAWING A2.12 – WALL SECTIONS: At Wall Section 25/A2.12,

- a. **REVISE** curtainwall/roof intersection construction at head of interior door of Vestibule per attached sketch AD1-SK-25/A2.12.
- b. **REVISE** referenced drawing sheets at note just below top of steel at roof to A5.7 and A5.8.

Item 109.

DRAWING A3.1 – ENLARGED DETAILS:

- a. At detail 5 **DELETE** upper note regarding adhered EPDM on sheathing.
- b. At detail 6 **REVISE** note regarding rigid insulation to read “2” rigid insulation, adhere to concrete curb”.

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Item 110.

DRAWING A3.2 – ENLARGED DETAILS: At details 12 and 16 **ADD** note to read “1/2” continuous drainage mat behind precast”.

Item 111.

DRAWING A3.3 – ENLARGED DETAILS:

- a. At detail 33 **ADD** wall type 5l indicator above tube steel with note “maintain 1 hr rating”.
- b. **ADD** roof detail 34 at elevator override per attached sketch AD1-SK-34/A3.3.

Item 112.

DRAWING A4.2 – PRECAST DETAILS:

- c. **REVISE** sheet title to read “Precast & Granite Details” in lieu of “Precast Details.”
- d. **ADD** general notes to read: “
 1. Coordinate granite base piece heights with stepped foundation (brick shelf).
 2. Granite base pieces are 24” long, typical, unless noted otherwise.”
- c. At detail 29 **ADD** note below detail title to read “granite base at brick shelf of new addition”.
- d. At detail 30 **ADD** note below detail title to read “granite base at steel angle support, typ. at existing building”.
- e. At granite base detail 31 **REVISE** height dimension to 2'-11 5/8”.
- f. At granite base detail 31 **ADD** two sub-types: type D1 (1'-11 5/8” height) and D2 (1'-3 5/8” height).

Item 113.

DRAWING A4.3 – PRECAST DETAILS: At Precast Isometric at West Entry **ADD** “coordinate lettering cast into panel per signage drawing A13.05” to end of note referencing precast lintel.

Item 114.

DRAWING A5.2 – ROOM FINISH SCHEDULE: At Elevator Controls F359 **ADD** “GWB*” to Ceiling column and “*1hr rated shaftwall” to Notes column.

Item 115.

DRAWING A5.3 – DOOR SCHEDULE, DOOR & FRAME TYPES:

- a. At openings 102A, 102C, and 102D **REVISE** head and jamb details to reference details 14 & 15 on sheet A11.18.
- b. At opening 149A **CLARIFICATION**: automatic opener (AO) is required for RHR leaf only.
- c. At openings 134, 136, and 239 **ADD** SG indicator for smoke gasketing.
- d. At opening 214 **REVISE** door type to SCW-A (in lieu of B).

Item 116.

DRAWING A5.4 – DOOR SCHEDULE, BORROWED LIGHT FRAME TYPES:

- a. At borrowed light BL-1 **REVISE** details as follows: mullion M6 should be M1, sill S10 should be S3/A5.5.
- b. At borrowed light BL-4 **ADD** vertical mullions to create three equal bays to coordinate with interior elevations on sheet A11.9.

Item 117.

DRAWING A5.6 – WINDOW TYPES: At glazing key,

- a. **REVISE** insulated spandrel glass abbreviations to include SG or ISG.
- b. **REVISE** TG explanation to read “insulated tempered glass.”
- c. **ADD** general note to read “all glazing at exterior windows/storefront/curtainwall shall be insulated unless noted otherwise”.
- d. At Window type B (shown at upper half of sheet) **ADD** detail indicator C/A5.8 to 135 degree mullion (shown as vertical line to right of entry door 141C).

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- e. At Window type B (shown at upper half of sheet) **ADD** insulated tempered glass ("TG" key) to either side of door 301B.
- f. At Window type B (shown at lower half of sheet) **ADD** detail indicator 27/A5.8 to head detail at entry doors.
- g. At Window type D **ADD** insulated tempered glass ("TG" key) to side of door, full height.
- h. At Window type D4 **ADD** insulated tempered glass ("TG" key) to side of door, full height.

Item 118.

DRAWING A5.7 – WINDOW DETAILS: At detail 15 **ADD** note to read "1/2" continuous drainage mat behind precast".

Item 119.

DRAWING A5.8 – WINDOW DETAILS:

- a. **REVISE** left-hand window horizontal detail "Q" to "U".
- b. **REVISE** (upper) detail 24/A5.8 of head detail to "27/A5.8" per attached sketch AD1-SK-27/A5.8.

Item 120.

DRAWING A6.1 – TOILET ROOMS – MAIN LEVEL:

- a. At interior elevations 2, 8, and 10 **ADD** wall-mounted horizontal light fixtures (type G or G1) with bottom at 7'-6" a.f.f. to coordinate with electrical drawings.
- b. At detail A **ADD** sprinkler riser to southwest corner of Janitor F136 to coordinate with plumbing drawings.

Item 121.

DRAWING A6.2 – TOILET ROOMS – SECOND FLOOR:

- a. At interior elevations 3 and 5 **ADD** wall-mounted horizontal light fixtures (type G1) with bottom at 7'-6" a.f.f. to coordinate with electrical drawings.
- b. At detail A **ADD** sprinkler riser to southwest corner of Janitor F136 to coordinate with plumbing drawings.

Item 122.

DRAWING A6.3 – TOILET ROOMS – THIRD FLOOR:

- a. At interior elevations 2, 5, and 11 **ADD** wall-mounted horizontal light fixtures (type G or G1) with bottom at 7'-6" a.f.f. to coordinate with electrical drawings.
- b. At detail A **ADD** sprinkler riser to northwest corner of chase in Elevator Controls F359 to coordinate with plumbing drawings.

Item 123.

DRAWING A6.4 – ELEVATOR PLANS, SECTIONS, AND DETAILS:

- a. At sections 1/A6.4 and 2/A6.4 **REVISE** note at continuous waterstops to read "continuous bentonite waterstops, typ. at all joints..."
- b. At section 1/A6.4 **REVISE** heights at third floor as follows: dimension from third floor to bottom of support channel by elevator manufacturer = 12'-6" in lieu of 12'-11 13/16"; clear overhead dimension from third floor to bottom of hoist beam = 17'-2" in lieu of 15'-10".
- c. At section 2/A6.4 **REVISE** clear overhead dimension from third floor to bottom of hoist beam to 17'-2" in lieu of 15'-10".

Item 124.

DRAWING A6.5 – STAIR PLANS, SECTIONS & DETAILS:

- a. At detail C **DELETE** column H-13 and related enclosure.
- b. At detail 1 **ADD** wall mounted light fixtures (type N) to coordinate with electrical drawings.
- c. At detail 8 **REVISE** size of handrail to 1.315" in lieu of 1.66".

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Item 125.

DRAWING A6.6 – STAIR DETAILS:

- a. At details 1, 2, 3, 4, 5, and 6 **REVISE** diameter symbol at top rails to square.
- b. At detail 7 **REVISE** title to read “Stair B Detail”.
- c. At Stair B details 1 through 7, **REVISE** notes regarding WWF to read “woven-wire mesh infill, typical”.

Item 126.

DRAWING A6.7 – STAIR A PLANS, SECTIONS & DETAILS:

- a. At detail A **ADD** wall types 5 to wing wall either side of pocket for operable panel partitions and AV closet.
- b. At detail C **REVISE** wall type at northwest corner of stair to one hour rated 5I (in lieu of 5E).

Item 127.

DRAWING A7.0 – WALL TYPES:

- a. **ADD** one hour rated (UL #U419) wall type 5I: 5/8” type X GWB, 6” metal studs @ 16” o.c. with unfaced high density mineral wool insulation, 5/8” type X GWB.
- b. At wall type 11A **CLARIFICATION**: wall type is similar to type 11 (with metal studs and GWB) but CMU is two hour rated.

Item 128.

DRAWING A7.1 – PLAN DETAILS:

- a. At detail 3 **ADD** 4” sanitary riser to north of column to coordinate with plumbing drawings.
- b. At detail 8 **ADD** 4” sanitary riser to north of column and expand GWB and stud enclosure as necessary.
- c. At detail 10 **ADD** wall type 13B to furred out rated masonry wall at Multipurpose Room F101.

Item 129.

DRAWING A7.3 – PLAN DETAILS: At detail 10 **REVISE** column line EXH to EXH.

Item 130.

DRAWING A7.4 – PLAN DETAILS:

- a. At detail 10 **ADD** 6” radon pipe riser to southeast of column to coordinate with plumbing drawings.
- b. At detail 12 **ADD** 6” radon pipe riser to southwest of column to coordinate with plumbing drawings.

Item 131.

DRAWING A7.6 – FIREPLACE PLANS, SECTIONS AND DETAILS:

- a. At Section 1, **ADD** note to read “steel supports shown illustrate suggested framing; marble installer shall be responsible for determining appropriate support system to coordinate with marble fireplace enclosure”.
- b. At note regarding shaped & segmented arched marble in Section 1, **ADD** “to coordinate with fireplace box’s arch”.
- c. At Side Elevation D, **REVISE** note at wood panel door to read “....(access to lighting controls and fireplace control docking station)”.

Item 132.

DRAWING A7.6 – FIREPLACE PLANS, SECTIONS AND DETAILS: At detail B,

- a. **ADD** note “coordinate with window sill height” to 5’-9½” dimension.
- b. At note regarding shaped & segmented arched marble, **ADD** “to coordinate with fireplace box’s arch”.
- c. At center of fireplace opening **ADD** note to read “fireplace box with integral surrounding trim”.
- d. **REVISE** note at base and hearth to read “marble base & hearth”.
- e. **CLARIFICATION**: arrow from note regarding 1¼” marble w/ eased exposed mitered corners should point to arches below mantle.

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Item 133.

DRAWING A8.1 – INTERIOR ELEVATIONS:

- a. At elevation 14 **ADD** power panel below horn/strobe to coordinate with electrical drawings.
- b. **ADD** general note to read “Actual AV equipment such as flat panel displays and projection screens are NIC; they will be provided under a separate FFE package”.

Item 134.

DRAWING A8.2 – INTERIOR ELEVATIONS: **ADD** general note to read “Actual AV equipment such as flat panel displays and projection screens are NIC; they will be provided under a separate FFE package”.

Item 135.

DRAWING A8.3 – CORRIDOR ELEVATIONS:

- a. **ADD** general note to read “see A13 drawings for additional signage”.
- b. At elevation 5 **REVISE** location of ADA panel sign from door 134 to perpendicular wall to its right.
- c. **REVISE** elevations 9 and 11 to coordinate with signage on A13 drawings per attached sketch AD1-SK-A8.3.
- d. At elevation 12, between display case and column line EX2 **ADD** three rectangles and related notes to indicate relocated plaque, green sign, and healthy sign (noted as ‘EG’ on A13 drawings).
- e. At elevation 13 **ADD** note and **REVISE** lettering at café soffit to coordinate with signage shown on sheet A13.12.
- f. At elevation 14, to right of column line Ae **ADD** two rectangles and related notes to indicate new bronze plaque and future LEED plaque.

Item 136.

DRAWING A8.3 – CORRIDOR ELEVATIONS: **ADD** general note to read “see A13 drawings for additional signage”.

Item 137.

DRAWING A9.0B – BASEMENT REFLECTED CEILING PLAN - NORTH: At west end of Passage F011 **ADD** ceiling mounted CUH to coordinate with mechanical drawings.

Item 138.

DRAWING A9.1A – MAIN LEVEL REFLECTED CEILING PLAN - SOUTH: At detail 1,

- a. At Vestibule F141 **REVISE** size of ACU's to coordinate with mechanical drawings.
- b. At Vestibule F141 **REVISE** number of access panels to one, centrally located.
- c. At Vestibule F141 **ADD** two sprinkler heads to coordinate with fire protection drawings.
- d. At Vestibule F141 **REVISE** height of gwb ceiling to 8'-8" (in lieu of 9'-0").
- e. At Vestibule F141 **ADD** expansion joint cover where ceiling meets interior doors.
- f. **ADD** sprinkler head to soffit above northeast pair of doors out of Stair A to coordinate with fire protection drawings.
- g. **REVISE** sprinkler heads, mechanical diffusers, and lights in Stair A to coordinate with MEP drawings.
- h. **ADD** diffuser to Storage F102A.
- i. At Vestibule F149, **REVISE** size of ACU and location of access panel to coordinate with mechanical drawings.
- j. At ACT portion of Lecture Hall ceiling, **ADD** three sprinkler heads to coordinate with fire protection drawings.

Item 139.

DRAWING A9.1A – MAIN LEVEL REFLECTED CEILING PLAN - SOUTH: At detail 2, **ADD** general note “see MEP drawings for location of sprinklers, lighting, mechanical items, etc. under base bid”.

Item 140.

DRAWING A9.1B – MAIN LEVEL REFLECTED CEILING PLAN - NORTH:

- a. At Conference F104 **ADD** light fixture type J to soffit at southeast corner; **DELETE** other can-type lighting; and **REVISE** spacing between two rows of suspended lights to coordinate with electrical drawings.
- b. **ADD** sprinkler head to Coats F162.

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- c. **ADD** additional sprinkler head to Clinical Coordinators F106, F107, F108, and F109 to coordinate with fire protection drawings.
- d. At Conference F130 **REVISE** spacing between two rows of suspended lights to coordinate with electrical drawings.
- e. **ADD** sprinkler head to soffit in hall of Admin.-WSCU F129 to coordinate with fire protection drawings.
- f. **ADD** sprinkler heads to soffits along Corridor F155 to coordinate with fire protection drawings.
- g. At Stair B **REVISE** sprinkler heads and lights to coordinate with MEP drawings.

Item 141.

DRAWING A9.2A – SECOND FLOOR REFLECTED CEILING PLAN - SOUTH:

- a. At Stair A **REVISE** sprinkler heads and lights to coordinate with MEP drawings.
- b. **ADD** sprinkler heads and **REVISE** locations at southern portion of Student Lounge/Commons to coordinate with fire protection drawings.
- c. At vending area of Student Lounge/Commons **ADD** a sprinkler head and diffuser to coordinate with MEP drawings.
- d. At Mechanical F201 **ADD** note “see M2.3 for ductwork layout”.

Item 142.

DRAWING A9.3A – THIRD FLOOR REFLECTED CEILING PLAN - SOUTH: At detail 1,

- a. At Stair A **ADD** light fixtures to coordinate with electrical drawings.
- b. At hall outside Copy F325 **REVISE** lighting layout to coordinate with electrical drawings.
- c. At Closet F360 **ADD** sprinkler head and diffusers to coordinate with MEP drawings.
- d. At Interviews F321 and F322 **ADD** diffusers to coordinate with mechanical drawings.

Item 143.

DRAWING A9.3A – THIRD FLOOR REFLECTED CEILING PLAN - SOUTH: At detail 2 **ADD** general note “see MEP drawings for location of sprinklers, lighting, mechanical items, etc. under base bid”.

Item 144.

DRAWING A9.3B – THIRD FLOOR REFLECTED CEILING PLAN - NORTH:

- a. At Stair B **ADD** 2’x4’ light fixture (type P) and wall-mounted linear (type N) to coordinate with electrical drawings.
- b. At Controls F330, F333, F344, and F347 **REVISE** lighting from a single 2’x4’ fixture to two downlights (type K) each room.
- c. **DELETE** diffuser near entry door to Respiratory Therapy Lab F351 to coordinate with mechanical drawings.
- d. At Surg-Tech F358 **REVISE** location from near doors to northeast corner to coordinate with mechanical drawings.
- e. At Elevator Controls F359 **ADD** key indicating GWB ceiling at 8’-2” with a note that reads “1hr rated shaftwall”.
- f. At Elevator Controls F359 **ADD** linear utility light fixture type R to coordinate with electrical drawings.

Item 145.

DRAWING A10.3 – CABINETRY SECTIONS & DETAILS: **REVISE** detail 26 for air movement behind ice maker per attached sketch AD1-SK-A10.3.

Item 146.

DRAWINGS A11.1 through A11.16:

- c. **ADD** general note to floor plans that reads “See A1 drawings for additional information including door numbers, plan detail keys, additional dimensions, wall tags, piping verticals, etc.”
- d. **ADD** general note to elevations that include a projection screen and ceiling plans that show a ceiling-mounted projector that reads “Where projector or projection screen is indicated, see TA Drawings for coordination and related scope of work.”
- e. At ceiling plans, **ADD** general note that reads “Coordinate with A9 drawings and MEP drawings for locations and quantities of diffusers, light fixtures, sprinkler heads, etc.”

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Item 147.

DRAWING A11.1 – LECTURE HALL:

- f. At Detail 2 Large Scale Plan – Lecture Hall, **ADD** note to east exterior wall that reads “See A1.1A floor plan for recesses in exterior wall”.
- g. At AV Closet F102B shown in Detail 2, **ADD** 4'-7³/₄" east-west inside clear dimension.
- h. At Storage F102A, **REVISE** location of door 102A in order to provide 24" pull clearance at fixed lecture table.

Item 148.

DRAWING A11.2 – LECTURE HALL:

- a. At Elevation 2, **REVISE** location of wall-mounted cameras (#705) to 120" aff in coordination with TA DRAWINGS.
- b. At Elevation 2, **ADD** typical 4'-0" width dimension of wood veneer paneling.
- c. At Elevation 3, **ADD** 12" minimum dimension to push side of exit door 102A.

Item 149.

DRAWING A11.3 – CLASSROOMS:

- a. **REVISE** sheet title to read “Scale-Up Classroom F126”.
- b. At Detail 1, **ADD** note near column line 7 that reads “provide expansion joint cover”.
- c. At Detail 2 and Elevations 4 and 6, **REVISE** notes for expansion joint to read “provide expansion joint cover”.

Item 150.

DRAWING A11.4 – CLASSROOMS:

- a. **REVISE** sheet title to read “Computer Classroom F125 & Classroom F206”.
- b. At Keynote Legend **REVISE** #120 to read “magnetic dry-erase board”.
- c. At detail 1 **REVISE** location of fixed lecture tables to allow for handicapped accessible clearances as shown on attached sketch AD1-SKA-11.4-1.
- d. At elevation 6 **ADD** room capacity sign as shown on attached sketch AD1-SKA-11.4-2.
- e. At elevation 6 **REVISE** sidelights at both doors to coordinate with frame type F-2A.
- f. At ceiling plan 8 and elevation 9, **DELETE** wall-mounted exit sign.

Item 151.

DRAWING A11.5 – CLASSROOMS:

- a. **REVISE** sheet title to read “Classrooms F121 & F122”.
- b. At Keynote Legend **REVISE** #120 to read “magnetic dry-erase board”.
- c. At elevation 4 **REVISE** sidelights at both doors to coordinate with frame type F-2A.

Item 152.

DRAWING A11.6 – PHYSICAL THERAPY LABS:

- a. At Keynote Legend **REVISE** #120 to read “magnetic dry-erase board”.
- b. At AV Control F210A shown on plan 1, **ADD** one grommet to each knee-hole of counter.
- c. At PT Class/Lab F207 shown on plan 1, **REVISE** note for expansion joint to read “provide expansion joint cover”.
- d. At ceiling plan 2, **DELETE** exit signs from Lockers F253, Outpatient Exam F211A, Acute Care Lab F211, Debrief Room F210, and AV Control F210A.
- e. At PT Class/Lab F2017 shown on ceiling plan 2, **ADD** note near column line 7 that reads “provide expansion joint cover”.

Item 153.

DRAWING A11.7 – PHYSICAL THERAPY LABS:

- a. At Keynote Legend **REVISE** #120 to read “magnetic dry-erase board”.
- b. At elevation 1, **DELETE** “equal-equal” dimensions to centerline of dry-erase board. **ADD** “12” minimum clearance” dimension between edge of door frame and edge of board to allow space for projection screen controller.
- c. At elevations 2 and 4, **ADD** note near column line 7 that reads “provide expansion joint cover”.

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- d. At elevation 7, **DELETE** "equal-equal" dimensions to centerline of dry-erase board. **ADD** "24" minimum clearance" dimension between edge of door frame and edge of board.
- e. At elevation 11, **DELETE** exit sign.
- f. At elevations 15 and 16, **ADD** note "provide filler" to space between lockers and perpendicular wall condition.

Item 154.

DRAWING A11.8 – RAD TECH:

- a. At Keynote Legend **REVISE** #120 to read "magnetic dry-erase board".
- b. At Control F214 shown on plan 1, **ADD** five grommets to kneehole spaces along counter.
- c. At Ultrasound Lab F216 shown on plan 1, **ADD** two grommets to kneehole at counter along west wall.
- d. At ceiling plan 2, **DELETE** exit signs from Diagnostic Lab F213, Diagnostic Imaging Class-Lab F215, and Ultrasound Lab F216.
- e. At Ultrasound Lab F216 shown on ceiling plan 2, **DELETE** 7'-9 $\frac{3}{4}$ " dimension at privacy curtain track (easternmost) and **REVISE** 7'-0" dimension to 7'-2" (westernmost).

Item 155.

DRAWING A11.9 – RAD TECH:

- a. At Keynote Legend **REVISE** #120 to read "magnetic dry-erase board".
- b. At elevations 4, 8, and 12, **DELETE** exit signs.
- c. At elevation 15, **ADD** 24" dimension to width of the two base cabinets

Item 156.

DRAWING A11.10 – NURSING FUNDAMENTALS LABS:

- a. At Keynote Legend **REVISE** #120 to read "magnetic dry-erase board".
- b. At Fundamentals Labs F338 and F340 shown on plan 1 and ceiling plan 2, **REVISE** dimensions at north and south ends of rooms to say "equal-equal" along exterior wall.
- c. At Storage F339 shown on plan 1, **REVISE** note for expansion joint to read "provide expansion joint cover".
- d. At Storage F339 shown on ceiling plan 2, **ADD** note near column line 7 that reads "provide expansion joint cover".
- e. At Fundamentals Labs F338 shown on ceiling plan 2, **REVISE** dimensions for privacy curtain tracks at south end: 10'-1 $\frac{3}{4}$ " should be 10'-0", delete center dimension, and 8'-8 $\frac{3}{8}$ " should be 8'-6".
- f. At Fundamentals Labs F340 shown on ceiling plan 2, **REVISE** dimensions for privacy curtain tracks at north end: 10'-1 $\frac{3}{4}$ " should be 10'-0", delete center dimension, and 8'-9" should be 8'-6".

Item 157.

DRAWING A11.11 – NURSING FUNDAMENTALS LABS:

- a. At Keynote Legend **REVISE** #120 to read "magnetic dry-erase board".
- b. At elevation 5, **ADD** note near column line 7 that reads "provide expansion joint cover".

Item 158.

DRAWING A11.12 – NURSING HPS SUITE:

- a. At Keynote Legend **REVISE** #120 to read "magnetic dry-erase board".
- b. At Controls F330 and F333 shown on plan 1, **ADD** two grommets to each counter.
- c. At plan 1 **DELETE** existing columns at 1-K and 1-J that are being removed.
- d. At elevations 9 and 14 **REVISE** door types as shown on attached sketch AD1-SKA-11.12-1.

Item 159.

DRAWING A11.13 – SURGICAL TECH SUITE:

- a. At Surg-Tech Control F357B shown on plan 1, **ADD** two grommets to counter.
- b. At elevation 5 **ADD** lites in door to coordinate with type D.
- c. At elevation 7 **REVISE** door type as shown on attached sketch AD1-SKA-11.13-1.

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DRAWING A11.14 – RESPIRATORY THERAPY CLASS LABS:

- a. At Keynote Legend **REVISE** #120 to read “magnetic dry-erase board”.
- b. At ceiling plan 2, **DELETE** exit signs from Respiratory Therapy F351 and Respiratory Therapy Class-Lab F349.
- c. At elevation 5, **REVISE** location of dry-erase board: **DELETE** 6’-11” dimension to column line and **ADD** “12” minimum clearance” dimension between edge of door frame and edge of board.
- d. At elevations 6, 7, and 10 **DELETE** exit signs.
- e. At elevation 7, **REVISE** location of dry-erase board: **DELETE** 6 3/8” and 6’-4 5/8” dimensions and **ADD** “equal-equal” dimension either side of board.

Item 161.

DRAWING A11.15 – RESPIRATORY THERAPY HPS SUITE & HOME CARE LAB:

- a. At Home Care Lab F328 shown in plan 1, **DELETE** column enclosure at 1-J; column is being removed, along with 1-K.
- b. At Home Care Lab F328 shown in plan 1, **ADD** note near column line 1 that reads “provide expansion joint cover”.
- c. At Home Care Lab F328 shown in ceiling plan 2, **ADD** gwb soffit at 8’-2” height and expansion joint cover to coordinate with A9 Drawings.
- d. At Home Care Lab F328 shown in ceiling plan 2, **DELETE** exit sign.
- e. At HPS Lab F346 shown in plan 3, **DELETE** column enclosure at 13-H; column is being removed.
- f. At Controls F344 and F347 shown in plan 3, **ADD** two grommets to each counter.
- g. At Storage F343 shown in plan 3, **REVISE** column enclosure at 11-B to encase rain leader.
- h. At elevation 6, **ADD** BL-2 key at one-way glass borrowed light.
- i. At elevation 9, **ADD** 24” width dimensions to base cabinets and BL-2 key for one-way glass borrowed light.
- j. At elevation 10, **ADD** gwb soffit to left of column line Ad; **ADD** 24”x36” mirror above vanity; and **ADD** ceramic tile to walls in bathroom.
- k. At elevation 11, **ADD** ceramic tile to walls in bathroom and **DELETE** exit sign.
- l. At elevation 12, **DELETE** 1” dimensions either end of cabinetry; **REVISE** 1’-9” dimension at dishwasher to 24”; and **REVISE** 3’-6” dimension at sink cabinet to 3’-3”.

Item 162.

DRAWING A11.16 – EMT CLASS LAB:

- a. At Keynote Legend **REVISE** #120 to read “magnetic dry-erase board”.
- b. **REVISE** dimensions at plan 1: niche at southern entry door into EMT Lab should be 6’-10” (in lieu of 6’-8”); northern niche should be 5’-6” (in lieu of 5’-5¼”); and inside face of Storage F124A to column line 12 should be 10”.
- c. At ambulance simulator shown in plan 1, **ADD** note “provide wood trim piece as required” where simulator abuts gwb wall construction.
- d. At detail 1 **REVISE** location of fixed lecture tables to allow for handicapped accessible clearances as shown on attached sketch AD1-SKA-11.16-1.
- e. At ambulance simulator shown in ceiling plan 2, **ADD** note “provide wood trim piece as required” where simulator abuts ceiling.
- f. At EMT lab shown in ceiling plan 2, **ADD** wall mounted exit signs above both entry doors.
- g. At elevation 6, **ADD** exit signs above both entry doors and **REVISE** sidelight of door 124B to coordinate with type frame type F2A.

Item 163.

DRAWING A11.17 – MEDICAL EQUIPMENT: At detail 1, **REVISE** 1’-0” dimension to centerline of AV and data to 18” aff in coordination with TA Drawings.

Item 164.

DRAWING A11.18 – DETAILS-LECTURE HALL:

- a. At detail 1, **REVISE** title to read “Panels – Return Air Grille”; **REVISE** note regarding louver to read “perforated metal grille”; **ADD** note “provide steel angle supports as required” along with related graphics; and **ADD** wood trim and related note that reads “1x1” matching wood trim to conceal grille attachment”.

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- b. At detail 3, **REVISE** note regarding projection screen to read “motorized projection screen case, see TA drawings”.
- c. At detail 5, **ADD** handicapped knee clearance and related note.
- d. At detail 6, **ADD** information regarding core drilling posts as shown on attached sketch AD1-SKA-11.18-1.
- e. At detail 16, **DELETE** 3” dimension from face of wall to centerline of handrail; **ADD** 1½” clear dimension from face of wall to face of handrail; and **ADD** “1½” diameter” to note regarding handrail.

Item 165.

All A12 DRAWINGS – FINISH FLOOR PLANS: **ADD** general note “coordinate with MEP drawings for locations of any appurtenances in floor such as clean-outs, etc.”

Item 166.

DRAWING A12.1 – MAIN LEVEL – SOUTH, FINISH FLOOR PLAN: At Multipurpose Room F101, related vestibules, Catering F101A, and Chair/Table Storage F101B, **ADD** note to read “Supplemental Bid #2 shown; see detail 2/A1.1A for base bid work”. (Omit floor finishes under base bid.)

Item 4

DRAWINGS A13.07 thru A13.09 – SIGNAGE DISTRIBUTION:

- a. **ADD** general notes as follows:
 - “See A1 drawings for Green/Educational signage (denoted as “LEED sign”) locations. All wording and artwork for signs must be approved by Architect and Owner prior to fabrication; locations for all signage must be approved by Architect and Owner prior to installation of anchorage devices and signage.”
- a. **DELETE** “A = Art Space” from Key; art space signage has been eliminated.
- b. **REVISE** Key by referencing sheet numbers as follows:
 - “LK = Lobby Kiosk, see shts A13.10 & A13.11
 - LC = Lobby Café, see sht A13.12
 - ED = Elevator Directory, see shts A13.13 & A13.14
 - WG = Window Graphic, see sht A13.15
 - PA = Public Assembly, see sht A13.16
 - D = Directional, see sht A13.17
 - RP = Room Panels, see sht A13.18
 - EG = Environmental Graphics, see sht A13.19”

Item 167.

DRAWING A13.07 – SIGNAGE DISTRIBUTION FLOOR 1:

- a. **DELETE** RP indicators at doors 126A, 126B, 144, 145, 147, 148, and near 161 (for water coolers).
- b. **REVISE** location of both EG indicators to corridor wall outside Conference F104 (adjacent to display case).
- c. **REVISE** location of LC indicator to soffit above Food Service F103 public counter.
- d. **REVISE** location of WG indicators at sidelights of doors 105 and 129 to one glass bay further away from doors (so as not to interfere with ADA flat panel sign).

Item 168.

DRAWING A13.08 – SIGNAGE DISTRIBUTION FLOOR 2:

- a. **DELETE** Art Space signage from Student Commons/Lounge; this sign has been eliminated.
- b. **DELETE** (bent type) RP indicators at west side of opening into vending area (near FEC) of Student Commons/Lounge, at south corner (near closet) of opening into Passage F251, at north corner (near IDF) of opening to Quiet Study F237, at south corner of water cooler niche, and south corner (near AV Control) of Hall F248.
- c. **ADD** (bent type) RP indicators to doors 208A and 247B.
- d. **DELETE** (flat type) RP indicators at doors 213, 215A, and 216. Flat type panels (non-ADA) have been eliminated.

Item 169.

DRAWING A13.09 – SIGNAGE DISTRIBUTION FLOOR 3:

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- a. **REVISE** location of WG locators to glass by opposite side of doors 323 and 362.
- b. **DELETE** (bent type) RP indicators at south corner of water cooler niche and south corner of Hall F342.
- c. **DELETE** (flat type) RP indicators at doors 329, 349, 351, and 357. Flat type panels (non-ADA) have been eliminated.

Item 170.

DRAWING A13.13 – SIGNAGE ELEVATOR DIRECTORY A: **REVISE** “Elevation Directory – Finishes” detail title to read “Elevator Directory – Finishes”.

Item 171.

DRAWING A13.14 – SIGNAGE ELEVATOR DIRECTORY B:

- a. **REVISE** both “Elevation Directory...” detail titles to read “Elevator Directory...”
- b. At installation detail **REVISE** 30” height to bottom of signage to 26½” to meet handicapped accessibility requirements.

Item 172.

DRAWING A13.15 – SIGNAGE WINDOW GRAPHICS:

- a. **REVISE** title at top elevation to read “Elevation Floor 2 at Computer Lab”.
- b. At Computer Lab elevation, **REVISE** location of window graphics to one glass bay further away from door in order to have space for ADA sign just to right of door.
- c. At WCSU Offices elevation, **REVISE** location of window graphics to one glass bay further away from door in order to have space for ADA sign.
- d. At left-hand Floor 3 Offices elevation, **REVISE** location of signage to glass bay opposite side of door. ADA sign must be located on latch side of door.
- e. At NVCC Offices elevation, **REVISE** location of signage to one glass bay further away from door in order to have space for ADA sign.

Item 173.

DRAWING A13.16 – PUBLIC ASSEMBLY:

- a. At lower Graphic Detail **REVISE** title to “Layout Multipurpose Room” to correspond with actual detail.
- b. **DELETE** 3” dimension at overall height of both rows of lettering at Layout Multipurpose Room.
- c. At Elevation Lecture and Elevation Multipurpose, **REVISE** scale to 1/8”=1’-0”.
- d. At both Elevation Multipurpose details, **DELETE** bent room panel signs (non-ADA).
- e. At both Elevation Multipurpose details, **ADD** note “coordinate with architectural interior elevation 11/A8.3”. (See attached sketch AD1-SK-A8.3.)
- f. At lower Elevation Multipurpose **REVISE** 12” dimension from graphics to pilaster to read “12” maximum, coordinate with wood panel reveals”.

Item 174.

DRAWING A13.18 – SIGNAGE ROOM PANELS:

- a. At 3rd Floor Corridor elevation **DELETE** flat panel room signs, bent panel “hydration station” sign at south corner of water cooler niche, and left-hand bent panel at open entry.
- b. At Elevation at Water Fountains **DELETE** bent panel “hydration station” sign at south corner of water cooler niche.
- c. At Elevation at an Open Entry **DELETE** one bent panel to coordinate with locations indicated on floor plans.
- d. At Wall Flat panel detail **ADD** note to read “NOT USED. See sheet A13j.19 for flat Educational signs related to LEED and Health. Flat panel non-ADA room signs have been eliminated”.

Item 175.

DRAWING A13.19 – SIGNAGE ENVIRONMENTAL GRAPHICS:

- a. At 3rd Floor Corridor elevation **ADD** note to flat panel Educational signs related to LEED and Health to read “Educational signs related to LEED and Health; coordinate locations with architectural floor plans (A1 series of sheets)”.

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- b. At Elevation – Wall Panels detail for Educational signs related to LEED, **REVISE** quantity required to 20.

Item 176.

DRAWING A13.20 – SIGNAGE ART SPACE: **DELETE** drawing sheet in its entirety.

Item 177.

DRAWING FS-G1 – CATERING GENERAL NOTES:

- a. Under General Project Notes, wherever “General Contractor” is noted **REVISE** to “CMR”.
- b. Under General Project Notes, paragraph G **DELETE** last sentence regarding beverage conduit runs.
- c. Under General Project Notes, paragraph J **DELETE** “beverage conduit routing, bulk CO2 fill box”.

Item 178.

DRAWING FS-E1 – CATERING ELECTRICAL NOTES:

- a. Under Electrical Requirements, Electrical Contractors Notes, **DELETE** paragraphs E, G, H, and R in their entirety.
- b. Under Electrical Requirements, Electrical Contractors Notes, paragraph M, **DELETE** subparagraphs 1, 2, 4, 5, 6, and 7.
- c. Under General Electrical Notes, paragraph P Guarantee, **REVISE** “one year” to “eighteen months” in first sentence.
- d. Under General Electrical Notes, **DELETE** paragraphs W and X.
- e. Under Food Service Electrical System Notes, **DELETE** paragraphs 8, 10, 11, 12, 13, and 14.

Item 179.

DRAWING FS-P1 – CATERING PLUMBING NOTES: Under Plumbing Requirements, Plumbing Contractor Notes, paragraph J, **DELETE** subparagraph 4; gas service lines are not required for kitchen equipment.

Item 180.

DRAWING FS-M1 – CATERING MECHANICAL NOTES:

- a. Under General Mechanical Notes, **DELETE** the following sections: Ductwork, Ductwork Installation, and Testing and Balancing.
- b. Under General Mechanical Notes, **DELETE** paragraphs C and E from Piping Materials section.
- c. Under General Mechanical Notes, **DELETE** Demolition section.
- d. Under Ventilation Requirements, paragraph E, **DELETE** subparagraph 5.
- e. Under Ventilation Requirements, **DELETE** paragraphs A, B, and G from Mechanical Contractor Notes.
- f. Under Ventilation Requirements, **DELETE** Additional Notes.
- g. At Wall Backing Details, **DELETE** detail at exhaust hood.

Item 181.

DRAWING FS-1.1.1 – CATERING EQUIPMENT SCHEDULE:

- a. **CLARIFICATION:** where GC is indicated, this means the CMR, plumbing contractor, mechanical contractor, or electrical contractor as appropriate.
- b. **ADD** general note that reads “KEC shall be responsible for verifying and providing other contractors with all utility connection sizes and requirements of kitchen equipment prior to roughing in.”
- c. Under Health Dept. Notes, **DELETE** paragraph 13.
- d. Under Food Service Notes, **DELETE** paragraphs 5, 6, 7, 8, 12, and 13.
- e. Item #4D and #27D Big Dipper Grease Trap, **REVISE** X’s to indicate furnished and installed by GC; units furnished and installed by plumbing contractor; see plumbing drawings for make and model.
- f. Item #5, #9 and #24 Refrigerators, **REVISE** X’s to indicate furnished and installed by vendor/owner.
- g. Item #6C and #12D Waste Receptacles, **REVISE** X’s to indicate furnished and installed by vendor/owner.
- h. Item #7 and #18 Ice Makers, **REVISE** manufacturer and model number to coordinate with information in specifications.
- i. Item #11 Coffee Maker, **REVISE** X’s to indicate furnished and installed by vendor/owner.
- j. Item #14 Microwave/Convection Oven, **REVISE** X’s to indicate furnished and installed by vendor/owner.
- k. Item #15 Espresso Machine, **REVISE** X’s to indicate furnished and installed by vendor/owner.

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- l. Item #17 Front Counter, **REVISE** X's to indicate furnished and installed by GC.
- m. Item #17A Coffee Caddies, **REVISE** X's to indicate furnished and installed by vendor/owner.
- n. Item #21, #28 and #30 Shelving, **REVISE** X's to indicate furnished and installed by vendor/owner.
- o. Item #23 Cart, **REVISE** X's to indicate furnished and installed by vendor/owner.
- p. Item #26 Work Table, **REVISE** X's to indicate furnished and installed by vendor/owner.

Item 182.

DRAWING FS-1.2.1 – CATERING EQUIPMENT PLAN & SCHEDULE:

- a. Item #7 and #18 Ice Makers, **REVISE** manufacturer and model number to coordinate with specifications.
- b. Item #11 Coffee Maker, **DELETE** manufacturer and model number; this item is NIC.
- c. Item #21 Shelving, **DELETE** manufacturer and model number; this item is NIC.
- d. Item #26 Work Table, **DELETE** manufacturer and model number; this item is NIC.

Item 183.

DRAWING FS-1.3.1 – CATERING ELECTRICAL ROUGH-IN PLAN & SCHEDULE:

- a. At floor plan **REVISE** left hand dimension locating outlets in Breakout F143 to 1'-0"; **DELETE** far right dimension.
- b. At Electrical Rough-In Schedule, **ADD** general note that reads "KEC shall be responsible for verifying and providing other contractors with all utility connection sizes, receptacle heights, and other requirements of kitchen equipment prior to roughing in."

Item 184.

DRAWING FS-1.4.1 – CATERING PLUMBING ROUGH-IN PLAN & SCHEDULE: At Equipment Schedule, **ADD** general note that reads "KEC shall be responsible for verifying and providing other contractors with all utility connection sizes and other requirements of kitchen equipment prior to roughing in."

Item 185.

DRAWING FS-1.6.2 – CATERING ELEVATIONS:

- a. At details 1 thru 3 **REVISE** detail titles to read "Catering F101A".
- b. At details 1 thru 3 **ADD** note at walls to read "FRP panels per interior elevations sheet A8.1".
- c. At detail 1 **REVISE** 4A and 4B indicators by switching locations.
- d. At detail 2 **REVISE** 4A and 4B indicators by switching locations.
- e. At detail 4 **REVISE** detail title to read "Food Service F103".
- f. At detail 4 **ADD** note at wall to read "ceramic tile per interior elevation 13/A8.1".
- g. At details 5 thru 7 **REVISE** detail titles to read "Food Prep F103A".
- h. At details 5 thru 7 **ADD** note at walls to read "FRP panels per interior elevations sheet A8.1".
- i. At detail 8 **REVISE** height of counter to 2'-10"
- j. At detail 8 **ADD** note "see interior elevation 14/A8.1 for millwork and locations of equipment".
- k. At detail 9 **ADD** note "see interior elevation 13/A8.3 for millwork, etc."

Item 186.

DRAWING FS-1.7.1 – CATERING SPECIAL CONDITIONS PLAN:

- a. **DELETE** Fire Suppression Note.
- b. **ADD** general note that reads "KEC shall be responsible for verifying size and height of backing material required at kitchen equipment and supplying information to appropriate contractor."

Item 187.

DRAWING FS-1.7.2 – CATERING SLAB PENETRATIONS PLAN:

- a. **DELETE** Fire Suppression Note.
- b. In Food Service F103, **REVISE** dimension to floor sink for icemaker to coordinate with icemaker location shown on architectural drawings.

ADDENDUM NO.: 1.0

DATE OF ADDENDUM: October 16, 2014

Item 188.

DRAWING S1.1A – MAIN LEVEL FOUNDATION PLAN - SOUTH:

- a. **REVISE** location of radon pit to coordinate with plumbing drawings.

Item 189.

DRAWING S1.1B – MAIN LEVEL FOUNDATION PLAN - NORTH: **ADD** general note to read “the phrases ‘augured piles’ and ‘caissons’ are used interchangeably; the phrases refer to the same items”.

Item 190.

DRAWING S2.8 – FOUNDATION SECTIONS: **ADD** general note to read “the phrases ‘augured piles’ and ‘caissons’ are used interchangeably; the phrases refer to the same items”.

Item 191.

DRAWING S3.12 – FRAMING SECTIONS: **ADD** general note to read “the phrases ‘augured piles’ and ‘caissons’ are used interchangeably; the phrases refer to the same items”.

Item 192.

DRAWING PL1.0B – LOWER LEVEL PLUMBING PLAN - NORTH: **REVISE AS FOLLOWS:** Room F008B shall be labeled Utility Room not Mechanical Room.

Item 193.

DRAWING PL1.1A – MAIN LEVEL FLOOR PLUMBING PLAN- SOUTH (BASE BID and SUPPLEMENTAL BID#2) **REVISE AS FOLLOWS:** 4”SAN riser at column Ac/A3.1 shall be located inside Chair Storage F101b, not in the wall.

Item 194.

DRAWING PL1.1A – MAIN LEVEL FLOOR PLUMBING PLAN – SOUTH (BASE BID and SUPPLEMENTAL BID#2) **REVISE AS FOLLOWS:** 4”and 6” Rain Leaders at column Ab/A4.5 shall be moved min 3’-0” West along the wall.

Item 195.

DRAWING PL1.1A – MAIN LEVEL FLOOR PLUMBING PLAN – SOUTH (BASE BID) **REVISE AS FOLLOWS:** ¾”Freezeless Wall Hydrant located at column Ag/A5 shall be moved to the plumbing chase between Men F152 and Women F154 (Column 1.8).

Item 196.

DRAWING PL1.1A – MAIN LEVEL FLOOR PLUMBING PLAN – SOUTH (SUPPLEMENTAL BID#2): **ADD** note for Grease interceptors located in Catering F101a and Food Prep F103a to read: “Grease Interceptor shall be furnished and installed by the Plumbing Contractor.”

Item 197.

DRAWING PL1.1B – MAIN LEVEL FLOOR PLUMBING PLAN - NORTH **ADD** note to read: “Install underground gas pipe min. 18” below the primary electrical service.”

Item 198.

DRAWING PL1.2A – SECOND FLOOR PLUMBING PLAN- SOUTH (BASE BID and SUPPLEMENTAL BID#2) **REVISE AS FOLLOWS:** 4”SAN riser at column Ac/A3.1 shall be located in Mechanical F201, not in the wall.

ADDENDUM NO.: 1.0

DATE OF ADDENDUM: October 16, 2014

Item 199.

DRAWING PL1.2A – SECOND FLOOR PLUMBING PLAN – SOUTH (BASE BID and SUPPLEMENTAL BID#2) **REVISE AS FOLLOWS:** 4"and 6" Rain Leaders at column Ab/A4.5 shall be moved min 3'-0" West along the wall.

Item 200.

DRAWING PL1.2A – SECOND FLOOR PLUMBING PLAN – SOUTH (BASE BID and SUPPLEMENTAL BID#2): **ADD** note to read: "Backflow Preventer in Mechanical F201 shall be installed max. 5'-0"AFF."

Item 201.

DRAWING PL1.3B – THIRD FLOOR PLUMBING PLAN – NORTH **REVISE AS FOLLOWS:** Vacuum Exhaust pipe shall run on the West side of Corridor F365, along column line B. Pipe shall penetrate the roof at column B/6 (ON THE East side of column line B).

Item 202.

DRAWING PL1.4B – ROOF PLUMBING PLAN – NORTH **REVISE AS FOLLOWS:** 2"Vacuum Exhaust pipe shall penetrate the roof at column B/6 (on the East side of column line B).

Item 203.

DRAWING PL2.1 – PLUMBING NOTES SCHEDULES AND DETAILS: At Grease Interceptor Detail **ADD** note to read: Grease interceptor shall be furnished and installed by the Plumbing Contractor.

Item 204.

DRAWING PL2.1 – PLUMBING NOTES SCHEDULES AND DETAILS: General Notes: **REVISE** Note 9 to read: "Contractor shall mark ceiling grid to indicate location of valves and equipment located above the ceiling and requiring access".

Item 205.

DRAWING PL2.1 – PLUMBING NOTES SCHEDULES AND DETAILS: General Notes: **REVISE** Note 17 to read: "Auger all existing remaining Sanitary and Storm systems to ensure free flow".

Item 206.

DRAWING PL2.1 – PLUMBING NOTES SCHEDULES AND DETAILS: General Notes: **OMIT** Note 25.

Item 207.

DRAWING PL2.1 – PLUMBING NOTES SCHEDULES AND DETAILS: Plumbing Fixture Schedule: **REVISE AS FOLLOWS:** Type A2 fixture is not required to be accessible. **OMIT** "Accessible" note.

Item 208.

DRAWING PL2.1 – PLUMBING NOTES SCHEDULES AND DETAILS: Plumbing Fixture Schedule: **REVISE AS FOLLOWS:** Type D2 fixture shall be accessible. **REVISE** faucet; Faucet shall be Chicago model 786-E35-319ABCP (1.5gpm).

Item 209.

DRAWING PL2.1 – PLUMBING NOTES SCHEDULES AND DETAILS: Plumbing Fixture Schedule: **REVISE** Note 5 to read: "Countertop Undermount Lavatory with TOTO Thermal Mixing Valve, Grid Strainer and Offset Pipe."

ADDENDUM NO.: 1.0

DATE OF ADDENDUM: October 16, 2014

Item 210.

DRAWING PL2.1 – PLUMBING NOTES SCHEDULES AND DETAILS: Plumbing Fixture Schedule: **REVISE** Note 6 to read: “Wall Hung Lavatory with TOTO Thermal Mixing Valve, Grid Strainer, Offset Pipe, Chair Carrier, and Trubro Lav Shield Lavatory Protective Enclosure”.

Item 211.

DRAWING PL2.2 – PLUMBING DETAILS: Radon Vent Piping Detail: **OMIT** Note 4.

Item 212.

DRAWING PL3.1 – ENLARGED PLUMBING PLANS: First Floor Men/Women Toilet Room Plans: **REVISE AS FOLLOWS:** In Men F152, the Type B1, accessible Lav shall be the second fixture from the exterior wall.

Item 213.

DRAWING FP1.0B – BASEMENT FLOOR FIRE PROTECTION PLAN - NORTH: **REVISE AS FOLLOWS:** Room F008B shall be labeled Utility Room not Mechanical Room.

Item 214.

DRAWING FP1.0B – BASEMENT FLOOR FIRE PROTECTION PLAN - NORTH: Sprinkler/Water Service Enlarged Plan **REVISE AS FOLLOWS:** sprinklers shall be upright type with protective guard.

Item 215.

DRAWING FP1.0B – BASEMENT FLOOR FIRE PROTECTION PLAN - NORTH: Mechanical Room F001 **ADD** note: Additional sprinklers installed under the ductwork shall have protective guard.

Item 216.

DRAWING FP1.1B – MAIN LEVEL FLOOR FIRE PROTECTION PLAN - NORTH: Closet off Copy F110 **ADD** Additional concealed sprinkler.

Item 217.

DRAWING FP1.2A – SECOND FLOOR FIRE PROTECTION PLAN - SOUTH: Mechanical F201 **REVISE** Note to read: “Provide Sprinklers under Ductwork. Refer to Mechanical Drawing for Coordination (include min 12 additional sprinklers with guards to be installed under ductwork and equipment”.

Item 218.

DRAWING FP1.2A – SECOND FLOOR FIRE PROTECTION PLAN - SOUTH: Vending Machine Alcove: **OMIT** one concealed sprinkler.

Item 219.

DRAWING FP1.2A – SECOND FLOOR FIRE PROTECTION PLAN - SOUTH: Vending Machine Alcove: **OMIT** one concealed sprinkler.

Item 220.

DRAWING M1.1A-D – MAIN LEVEL FLOOR DUCTWORK PLAN- SOUTH Breakout F143 **REVISE** HVAC; Refer to Sketch AD1-SK-M1.1A-D-2 for revised duct layout in this area.

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DATE OF ADDENDUM: October 16, 2014

Item 221.

DRAWING M1.1B-D – MAIN LEVEL FLOOR DUCTWORK PLAN- NORTH Jan F136 **REVISE** HVAC; Refer to Sketch AD1-SK-M1.1B-D-1 for revised duct layout in this area.

Item 222.

DRAWING M1.2B-D – SECOND FLOOR DUCTWORK PLAN- NORTH Non-Credit Storage F301 **ADD** Combination Fire/Smoke Damper in 28"x8" transfer duct.

Item 223.

DRAWING M1.3A-D – THIRD FLOOR DUCTWORK PLAN- SOUTH Jan F239 **REVISE** HVAC; Refer to Sketch AD1-SK-M1.2B-D-3 for revised duct layout in this area.

Item 224.

DRAWING M1.3B-D – THIRD FLOOR DUCTWORK PLAN- NORTH Drawing Key Notes – Base Bid **REVISE** Note 2 to read: "Insulate Exhaust Air Ductwork in it's entirety with two (2) hours fire rated insulation. Provide Removable insulation at motorized damper section and access door to motorized damper.

Item 225.

DRAWING M2.1 – BASEMENT FLOOR MECHANICAL PLAN - NORTH: **REVISE AS FOLLOWS:** Room F008B shall be labeled Utility Room not Mechanical Room.

Item 226.

DRAWING M2.1 – BASEMENT FLOOR MECHANICAL PLAN - NORTH: Mechanical Room F001 **ADD** note to read: "Provide two (2) floor mounted Water Sensors. Coordinate final location with Temperature Control Contractor."

Item 227.

DRAWING M2.3 – MECHANICAL ROOM F201 PLANS: Mechanical Room F201Plan – Piping Layout **ADD** note to read: "Provide one (1) floor mounted Water Sensor. Coordinate final location with Temperature Control Contractor."

Item 228.

DRAWING M4.3 – MECHANICAL –PIPING RISER DIAGRAMS AND CONTROLS: VRF and Split Systems Piping and Control Diagrams **REVISE AS FOLLOWS:** Provide Seismically rated Spring Isolators with 2"Static Deflection (typ.) in lieu of insulated 12"high piping curb as manufactured by Pate Company.

Item 229.

DRAWING M7.1 – MECHANICAL –MECHANICAL SCHEDULES: Ventilator Schedule: **REVISE AS FOLLOWS:** Roof Ventilator IV-1 shall be 88"(W) x 128"(L) x 48"(H) model DPH64.

Item 230.

DRAWING M7.2 – MECHANICAL – MECHANICAL SCHEDULES: VAV Box Schedule **REVISE AS FOLLOWS:** VAV Box VAV-E-1-17; Max Primary CFM shall be 455, Min Primary CFM shall be 160, Rad NC shall be 23 Dis NC shall be 20.

Item 231.

DRAWING M7.2 – MECHANICAL – MECHANICAL SCHEDULES: VAV Box Schedule **REVISE AS FOLLOWS:** VAV Box VAV-E-2-25; Max Primary CFM shall be 685, Min Primary CFM shall be 235, Rad NC shall be 24, Dis NC shall be 23.

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Item 232.

DRAWING E1.0 – ELECTRICAL DRAWING LEGEND: **REVISE** height of single voice outlet for wall telephone from 60” AFF to 48” AFF.

Item 233.

DRAWING EL1.0B – BASEMENT FLOOR LIGHTING PLAN – NORTH: At room F008B, **REVISE AS FOLLOWS:**

- a. **CHANGE** room name to “Utility Room”.
- b. **CHANGE** interior door swing/location to coordinate with architectural drawings.
- c. **CHANGE** location of wall switch occupancy sensor to strike side of door.

Item 234.

DRAWING EL1.1A – MAIN LEVEL FLOOR LIGHTING PLAN – SOUTH:

- a. Outside Vestibule F141 **REVISE** the mounting height for type Y1 light fixtures from 11’ AFF to 9’-2” AFF.
- b. For Supplemental Bid No. 2: At Multipurpose Room F101 **REVISE** the location of the Graphic Eye Lighting Control Station (GE) shown in the southwest corner of the room to inside the access door on the right side of the fireplace. See Side Elevation D on drawing A7.6.

Item 235.

DRAWINGS EL2.1 through EL2.6 – LIGHTING CONTROL SYSTEM ONE LINE DIAGRAM:

- a. Under the One Line Wire Legend **DELETE** the words “to be provided by others” from the Ethernet Cable and Fiber Optic Cable symbol descriptions.
- b. Under ‘Notes on Wiring’ **DELETE** the words “by others” from the seventh sentence of the Ecosystem Bus/Loop paragraph.
- c. **CLARIFICATION:** Provide all Cat 6 cabling and connections as required to connect the Lighting Control System to the building Telecommunications Infrastructure system. Connections shall be made to patch panels in equipment racks located in the MDF Room and the IDF Rooms. Cat 6 cabling shall be plenum rated and shall be in accordance with Specification Section 27 00 00.

Item 236.

DRAWING EL2.3 – LIGHTING CONTROL SYSTEM ONE LINE DIAGRAM: At #49 diagram for Lecture Hall F102 Control Station 001, **REVISE** “12 of fixture CC” noted for Zone 01 to read “3 of fixture CC”.

Item 237.

DRAWING EP1.0B – BASEMENT FLOOR POWER PLAN: **REVISE** emergency receptacles shown for sump pumps SP-1 (in Mechanical Room F001) and SP-2 (in Sprinkler/Water Service F003) to a hardwired connection to a control panel for each pump with float switch control cables and pump power cords from each control panel to its respective pump. Wall mount the control panel for SP-2 adjacent to the sump pump location. Provide Unistrut supports with plywood backboard for SP-1 control panel and locate adjacent to the sump pump location.

Item 238.

DRAWING EP1.1A – MAIN LEVEL FLOOR POWER PLAN – SOUTH:

- a. **DELETE** wiring shown running between Lobby F142 auto door openers at the west side of the Lobby.
- b. **CLARIFICATION:** Install horizontal mount devices (indicated by ‘HM’) in Lobby F142 centered in the first block course up from the floor.
- c. In Lecture Hall F102, **ADD** a dedicated 120 volt, 20 amp branch circuit for each of the flush ceiling mount receptacles (indicated by ‘C’). Branch circuit designations shall be 2CP3/21, 2CP3/23, and 2CP3/25.
- d. In Multipurpose F101, **CLARIFICATION:** mount the gas fireplace docking station (furnished with the fireplace) inside the access door on the right side of the fireplace. If required, provide wiring per manufacturer’s instructions and connect to the fireplace. Coordinate with side elevation D on drawing A7.6.

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Item 239.

DRAWING EP1.1B – MAIN LEVEL FLOOR POWER PLAN – NORTH:

- a. At Vestibule F151 **REVISE** the location of the auto door opener push plate switch shown on the north wall to the south wall. Coordinate with drawing A6.1 for location.
- b. At Women F154, **REVISE** equipment identification tags for VAV boxes by reversing EVAV 1-2 with EVAV 1-3 to coordinate with mechanical drawings.

Item 240.

DRAWING EP1.2B – SECOND FLOOR POWER PLAN – NORTH: At Part Time Faculty (P.T.F.) F229, **ADD** VAV box E-2-5A. Provide wiring and connect to VAV box E-2-6; refer to drawing M1.2B-D for VAV box location.

Item 241.

DRAWING EP1.3A – THIRD FLOOR POWER PLAN – SOUTH: At Home Care Lab F328, **REVISE** equipment identification tag for VAV box E-3-17 to read “E-3-18”.

Item 242.

DRAWING EP1.3B – THIRD FLOOR POWER PLAN – NORTH: At Storage F350, **ADD** VAV box E-3-7A. Provide wiring and connect to VAV box E-3-7; refer to drawing M1.3B-D for VAV box location.

Item 243.

DRAWING EP1.4 – OVERALL ROOF POWER PLAN: At southern addition, **DELETE** exhaust fan FPEF-1 and associated branch circuit.

Item 244.

DRAWING EP2.0 – POWER DETAILS: At Typical Wall Telephone Outlet Roughing Detail, **REVISE** outlet box height from 60” AFF to 48” AFF.

Item 245.

DRAWING EP2.2 – POWER RISER DIAGRAM:

- a. At the generator set, **REVISE** the note “1200 Gallon Sub-Base Fuel Tank” to “1400 Gallon Sub-Base Fuel Tank”.
- b. At ATS1 in basement, **ADD** a ¾” conduit run from ATS1 to the generator set and run the generator start circuit in this conduit.

Item 246.

DRAWING ES1.1A – MAIN LEVEL FLOOR SPECIAL SYSTEMS PLAN – SOUTH:

- a. For Supplemental Bid #2: At Multipurpose Room F101, **ADD** a fire alarm control module and associated wiring for sound system priority mute. Locate the control module in the equipment rack enclosure on the north wall of the room. Provide priority mute wiring from the control module to the sound system.
- b. For Supplemental Bid #2: At Multipurpose Room F101 **ADD** two (2) combination smoke and carbon monoxide detectors and associated wiring. Locate one detector in the northwest corner of the room, one in the northeast corner of the room.
- c. **ADD** a flush outlet box and ¾” conduit run for the CCTV camera located outside of Vestibule F141. Locate the outlet box at 9’ AFF. The conduit run shall from the box, down the column, and under slab to Janitor F146. Stub the conduit up to 48” AFF and terminate with an outlet box.

Item 247.

DRAWING ES1.3A – THIRD FLOOR SPECIAL SYSTEMS PLAN – SOUTH: **PROVIDE** a flush outlet box and ¾” conduit stub into the building for each of the outdoor building mounted CCTV cameras shown on this drawing. Locate the outlet boxes at 11’ AFF.

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Item 248.

DRAWING ES1.3B – THIRD FLOOR SPECIAL SYSTEMS PLAN – NORTH:

- a. **REVISE** the outdoor building mounted CCTV camera location currently shown outside Stair B to the south 13' so it is located outside HPS Lab F346.
- b. **PROVIDE** a flush outlet box and ¾" conduit stub into the building for each outdoor building mounted CCTV camera shown on this drawing. Locate the outlet boxes at 9'-6" AFF.

Item 249.

DRAWING T1.0 – TELECOMMUNICATIONS LEGEND, GENERAL NOTES, PARTIAL PLANS:

- a. **REVISE** detail 1/T1.0 per sketch AD1-SK-T1.1-1 attached to and issued with this Addendum.
- b. **REVISE** detail 2/T1.0 per sketch AD1-SK-T1.1-2 attached to and issued with this Addendum.
- c. Under the Telecommunications Work Area Outlet Symbols, **REVISE** the wording for the second outlet type down, from "Symbol Numeral 4 Text Above Denotes One (1) Voice And Three (3) Data" to "Symbol Numeral 4 Text Above Denotes Two (2) Voice And Two (2) Data".

Item 250.

DRAWING T1.1 – TECHNOLOGY CABLING INFRASTRUCTURE RISER DIAGRAM:

- a. At MDF F005 in detail 1 Cabling Infrastructure Riser Diagram, **REVISE** the words "(5) 4" conduit sleeve penetrations into the MDF (see enlarged plans) to read "(4) 2 ½" conduit sleeve penetrations into the MDF (see enlarged plans)".
- b. At MDF F005 in detail 1 Cabling Infrastructure Riser Diagram, **REVISE** the note "typical signal TMGB see Elec. 260000 Section" to read "typical signal TGB".
- c. At IDF F128, F236 and F356 in detail 1 Cabling Infrastructure Riser Diagram, **REVISE** the note, "typ. signal TGB see 260000 Sect." to read "typical signal TGB".

Item 251.

DRAWING T1.3 – TELECOMMUNICATIONS DETAILS:

- a. **DELETE** detail 2/t1.3 Typical Telecommunication Grounding Busbar "TGB" Detail.
- b. **REVISE** detail 3/T1.3 Typical Telecommunication Main Grounding Busbar "TMGB" Detail by re-numbering and renaming detail title to "6 - Typical Telecommunication Grounding Busbar "TGB" Detail". In the detail notes change any reference of "TMGB" to read "TGB".
- c. At detail 2/T1.3 Work Area Outlet – Voice / Data Labeling, **REVISE** note "Jacks Color Scheme to be coordinated with owner Rep." to "Jacks color shall be grey".

Item 252.

DRAWINGS TA0.1 through TA6.2 – AUDIOVISUAL INFRASTRUCTURE DRAWINGS: **ADD** the following general note to each drawing:

"The scope of work outlined by the Audiovisual Infrastructure Drawings is to provide electrical roughing for the future installation of Audiovisual systems equipment and wiring to be provided by others under separate contract. Electrical Contractor shall provide all boxes, conduits, support backing (blocking), and projector mounts as detailed herein. Projection screen cases shall be provided under Specification Section 11 52 13."

Item 253.

DRAWING TA0.2 – AUDIOVISUAL INFRASTRUCTURE NOTES AND SCHEDULES:

- a. **REVISE** "PROJECTOR & DISPLAY MOUNTING STYLE LEGEND" per sketch AD1-SK-TA0.2-1 attached to and issued with this Addendum.
- b. **REVISE** "ROOM PROJECTION SCREEN SCHEDULE" per sketch AD1-SK-TA0.2-2 attached to and issued with this Addendum.

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DATE OF ADDENDUM: October 16, 2014

Item 254.

DRAWING TA1.1A – AUDIOVISUAL EQUIPMENT PLAN MAIL LVL – SOUTH: **ADD** items to Lecture Hall F102 per sketch AD1-SK-TA1.1A-1 attached to and issued with this Addendum.

Item 255.

DRAWING TA2.1A – AUDIOVISUAL INFRASTRUCTURE MAIL LVL FLR PLAN – SOUTH: **ADD** items to Lecture Hall F102 per sketch AD1-SK-TA2.1A-1 attached to and issued with this Addendum.

Item 256.

DRAWING TA4.1 – AUDIOVISUAL INFRASTRUCTURE CONDUIT RISER DIAGRAMS: **REVISE** riser 1/TA4.1 per sketch AD1-SK-TA4.1-1 attached to and issued with this Addendum.

Item 257.

DRAWING TA6.1 – AUDIOVISUAL INFRASTRUCTURE DETAILS: At Detail 5 **REVISE** the words “by GC” to “by EC” wherever they appear.

Item 258.

DRAWING TA6.2 – AUDIOVISUAL INFRASTRUCTURE DETAILS: At Detail 2 and its related Notes, **REVISE** the word “GC” to “EC” wherever they appear.

Item 259

SECTION 000110-TABLE OF CONTENTS,

- a. **Revised** Table of Contents to show page numbers
- b. **Revised** Table of Contents includes updated bid packages and specification sections

Item 260

SECTION 000115-LIST OF DRAWINGS

- a. **Revised** List of Drawings with corrected titles and pages

Item 261

SECTION 004102.25-ELEVATOR BID PACKAGE

- a. **Add** Elevator Subcontractor Bid Package

Item 262

SECTION 004102.26-FIRE STOPPING BID PACKAGE

- a. **Add** Fire Stopping Subcontractor Bid Package

Item 263

SECTION 004103.01 PROJECT SCHEDULE

Item 264

SECTION 004103.02 PROJECT LOGISTICS PLAN

Item 265

SECTION 004104 EXHIBIT D-SITE SPECIFIC SAFETY PLAN

- a. **Revised** Site Specific Safety Plan

ADDENDUM NO.: 1.0

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Item 266

SECTION 007327 SET-ASIDE CONTRACTOR SCHEDULE

- a. **Add** Set-Aside Contractor Schedule

Item 267

SECTION 007338 COMMISSION ON HUMAN RIGHTS AND OPPORTUNITIES

- a. **Add** Commission on Human Rights and Opportunities

Item 268

SECTION 007353 AFFIDAVIT FOR CERTIFICATION OF SUBCONTRACTORS

- a. **Add** Affidavit for Certification of Subcontractors

Item 269

BID PROPOSAL DUE DATE INFORMATION

- a. **All Bid Packages are due Thursday, November 13th, 2014 by 2:00 PM.**
b. **Address To:** The Morganti Group, Inc. C/O Naugatuck Valley Community College, 750 Chase Parkway, Waterbury, CT deliver bids to Cutrali Commons located in Founders Hall on 11/13/14
c. **Bids submitted prior to close date:** Attn: Robert Divjak, (203) 575-8235 Naugatuck Valley Community College, 750 Chase Parkway, Waterbury, CT 06708

Item 270

SIGN-IN LOG RECORDED FROM PRE-BID WALK-THROUGH (dated 10/16/14)

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (Moser Pilon Nelson, Richard B Brown, fax 860-257-4675) with copies sent to the CT DCS Project Manager (Joel Baranowski, fax 860-713-7261) and Construction Manager (David Bielawski, fax 203-790-6138)

End of Addendum 1.0

**David Busanet, Bidding & Contracts Supervisor
Department of Administrative Services
On Behalf of the Division of Construction Services**

VOLUME 1 of 3

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00 01 08	Project Directory	5
00 01 10	Table of Contents (also see 00 41 01 Exhibit A Contract Documents)	insert
00 01 15	List of Drawing Sheets - (also see 00 41 01 Exhibit A Contract Documents)	insert

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00 31 19.66	Informational Record Drawings	1
00 31 24.13	Soil Contamination Report	1
00 31 26.23	General Survey for Asbestos Containing Material and Lead-Based Paint	1
00 31 26.29	Existing PCB Information	1
00 31 32.13	Subsurface Geotechnical Report	1
	Geotechnical Study for Proposed Additions and Renovations to Founders Hall at NVCC 750 Chase Parkway, Waterbury, CT dated October 18, 2013	21
00 31 33.11	Elevator Agreement	2
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00 41 00	Bid Proposal Form - (Major & Minor Capital Projects Greater Than \$500,000)	6
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 TA1.1B AUDIOVISUAL EQUIPMENT PLAN MAIN LEVEL - NORTH
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TA4.1 AUDIOVISUAL INFRASTRUCTURE CONDUIT RISER DIAGRAMS
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A-17	CROSS SECTION/ELEV OF WEST WALL @ ENTRY ADMIN/CAFÉ
A-18	CROSS SECTION CLASSRM UNIT/STIAR SECTION 1 & 2
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HV-5	BOILER RM PLAN & PIPING LAYOUT
HV-6	FUEL OIL TANK DTL, FUME HOODS & TYP. PIPE ENCLOSURE
HV-7	RADIATION & EXHAUST FAN SCHED/MISC. PIPE DTL
P-2	BASEMENT & FIRST FL PLAN
P-3	SECOND & THIRD FL PLAN CLASSRM UNIT
P-4	FIRST FL PLAN ADMIN & CAFÉ WING
P-5	PLUMBING DTL
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SP-1 SITE GRADING PLAN
 SP-3 TEST BORING DATA
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 SP-7 SITE DRAINAGE PLAN
 SP-8 PLANTING PLAN
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 S-1 FIRST & SECOND FL FRAMING PLAN & COL. DTL
 S-2 THIRD FL & ROOF FRAMING PLAN
 S-3 ROOF FRAMING PLAN & COL. SCHED ADMIN & CAFÉ WING
 S-4 REINFORCED CONCRETE DTL
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1966 DWGS ANNEX

COVER

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 A-2 1/8 SECOND FL PLAN
 A-3 BUILDING ELEVATIONS
 A-4 1/8 ROOF PLAN & SKYDOME DTLs
 A-5 BUILDING CROSS SECTIONS
 A-6 PARTIAL 1/4 FIRST FL PLAN
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 A-10 DOOR SCHED & FRAME DTL
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 E-2 FIXTURE DWGS & SPECIFICATIONS
 E-3 FIRST FL LIGHTING PLAN
 E-4 SECOND FL LIGHTING PLAN
 E-5 FIRST FL ELEC PLAN
 E-6 SECOND FL ELECTRICAL PLAN
 E-7 ELEC RISER DIAGRAMS
 E-8 EXISTING FOUNDATION PLAN & DTL

HV-1 FIRST FL HV PLAN
 HV-2 SECOND FL HV PLAN
 HV-3 BSMT FL PLAN & DTL

P-1 CRAWL SPACE PLUMBING PLAN
 P-2 FIRST FL PLUMBING PLAN
 P-3 SECOND FL PLUMBING PLAN

SU-2 SITE PLAN
 BORING LOG DATA
 SU-1 SITE UTILITIES PLAN
 TOPO SURVEY

S-1 FND & FIRST FL FRAMING PLAN
 S-2 SECOND FL FRAMING PLAN
 S-3 ROOF & 3RD FL FRAMING PLAN
 S-4 BRIDGE FRAMING PLAN

END OF LIST OF DRAWINGS

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #25 Elevator

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 25
Owner: State of CT Trade Description – Elevator

DESCRIPTION OF WORK TO BE PERFORMED:

This subcontractor shall provide for the furnishing and installation of all “trade Description” and related work necessary to achieve a complete and functional installation that reasonably meets the intent and requirements of the contract documents and is acceptable to the Owner. It is further understood that the Project drawings and specifications listed in the specifications may not be fully detailed but such information can be reasonably inferred by similar details and/or requirements indicated elsewhere in the contract documents and that such cost is included in Subcontract/Bid submission price. It is understood that the work specified in this exhibit applies to this trade description including but not necessarily limited to the following specifications, inclusions, exclusions and clarifications. Bidders are advised to review “all” plans, specifications and addendums in preparation of their bids. Failure to review all bid documents will not be the basis for withdrawal of bids or claims.

Plans, Specifications, Addenda (Bid Documents):

In general, this Subcontractor shall include and provide all material, equipment, labor and all things necessary to perform “trade description” and related work on or reasonably implied by the Bid Contract Documents including but not limited to all plans, specification sections and addenda:

SPECIFICATION SECTION		
GENERAL INFORMATION		
Section No.	Title	Page Count
00 01 01	Project Title Page	
00 01 07	Seals Page	
00 01 08	Project Directory	
00 01 10	Table of Contents	
00 01 15	List of Drawing Sheets - CMR	
DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS		
Section No.	Title	Page Count
00 68 00	Notice of CMR Invitation to Bid	
00 21 19	Notice To Bidders	
00 30 00	Available Information	
00 31 19.66	Informational Record Drawings	
00 31 24.13	Soil Contamination Report	

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00 31 26.23	General Survey for Asbestos Containing Material and Lead-Based Paint	
00 31 26.29	Existing PCB Information	
00 31 32.13	Subsurface Geotechnical Report	
	Geotechnical Study for Proposed Additions and Renovations to Founders Hall at NVCC	
	750 Chase Parkway, Waterbury, CT dated October 18, 2013	
00 31 33.11	Elevator Agreement	
00 40 14	Certificate (of Authority) - (Required to be Submitted with Bid Proposal Form)	
00 40 15	Department of Administrative Services (DAS) Pre-qualification Forms	
00 41 00	Bid Proposal Form - (Major & Minor Capital Projects Greater Than \$500,000)	
00 41 01	Exhibit A-Contract Documents	
00 41 02	Exhibit B Scopes of Work for Bp#1 to 26	
00 41 02.01	Bid Package-1: Site Work, Site Concrete, Site Specialties	
00 41 02.02	Bid Package-2: Abatement and Demolition	
00 41 02.03	Bid Package-3: Landscaping	
00 41 02.04	Bid Package-4: Building Concrete-Waterproofing	
00 41 02.05	Bid Package-5: Masonry	
00 41 02.06	Bid Package-6: Metals-Structural Steel	
00 41 02.07	Bid Package-7: Metals Miscellaneous & Ornamental	
00 41 02.08	Bid Package-8: General Trades and or Drywall	
00 41 02.09	Bid Package-9: Acoustical Ceilings	
00 41 02.10	Bid Package-10: Flooring VCT-Carpeting.	
00 41 02.11	Bid Package-11: Painting	
00 41 02.12	Bid Package-12: Flooring: Stone and Resinous	
00 41 02.13	Bid Package-13: Signage	
00 41 02.14	Bid Package-14: Roofing	
00 41 02.15	Bid Package-15: Windows	
00 41 02.16	Bid Package-16: Final Cleaning	

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
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Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 25
Owner: State of CT Trade Description – Elevator

00 41 02.17	Bid Package-17: Toilet Partitions & Accessories	
00 41 02.18	Bid Package-18: Window Treatment	
00 41 02.19	Bid Package-19: Flooring (Ceramic Tile)	
00 41 02.20	Bid Package-20: Fire Protection	
00 41 02.21	Bid Package-21: Plumbing	
00 41 02.22	Bid Package-22: HVAC	
00 41 02.23	Bid Package-23: Electrical	
00 41 02.24	Bid Package-24: Fire Alarm	
00 41 02.25	Bid Package-25: Elevators	
00 41 02.26	Bid Package-26: Fire Stopping	
00 41 03	Exhibit C – Schedules and Logistics	
00 41 03.01	Project Schedule	
00 41 03.02	Site Logistics Plan	
00 41 03.03	Phasing Plan – NOT USED	
00 41.04	Exhibit D - Site Specific Safety Plan	
00 41.05	Exhibit E - Specific Conditions	
00 41.06	Exhibit F - Insurance	
00 41.07	Exhibit G - Payment Application Procedures	
00 41.08	Exhibit H - Unit Prices	
00 41.09	Exhibit I - Proposed Sub-bidders	
00 41.10	Exhibit J - Supplemental Bid and Alternates	
00 41.11	Non-Collusion Affidavit	
00 41.12	Notification to Bidders	
00 41.13	Contract Compliance Data Form	
00 41.14	Contractor's Minority Business Enterprises Utilization Form	
00 41.15	Certification of Bidder EEO Form	
00 43 16	Standard Bid Bond Form - (Required to be Submitted with Bid Proposal Form)	

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #25 Elevator

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 25
Owner: State of CT Trade Description – Elevator

00 43 24	Special Unit Prices - (Not Used)	
00 45 14	General Contractor Bidder's Qualification Statement - (Required to be Submitted with Bid Proposal Form)	
00 45 15	Objective Criteria for Evaluating Qualifications of Bidders	
00 45 17	Named Subcontractor Bidder's Qualification Statement (NOT USED)	
00 52 03	CMR Contract (available by appointment only)	
00 52 73	Subcontract Agreement Form (NOT USED See Exhibit F Above)	
00 62 16	Certificate of Insurance (NOT USED See Exhibit F Above)	
00 62 16.1	Asbestos Attachment to Accord Form (NOT USED See Exhibit F Above)	
00 72 23	General Conditions of the Contract for Construction - For CMR (See 00 52 73 above)	
00 72 23.1	Supplementary Conditions – For CMR (See 00 52 73 above)	
00 73 27	Set-Aside Contractor Schedule	
00 73 38	Commission on Human Rights & Opportunities (CHRO) Contract Compliance Regulations	
00 73 44	Prevailing Wage Rates/Contractor's Wage Certification/Payroll Certification	
00 73 53	Affidavit For Certification Of Subcontractors As Minority Business Enterprises (MBE)	
00 73 63	Security Requirements (NOT USED)	
00 92 00	Amendments (No. 1-A, 2) - (Major & Minor Capital Projects Greater Than \$500,000) (NOT USED)	
00 92 10	Additional Forms To be Submitted After Bond Commission Funding Approval (NOT USED)	
00 92 20	Executive Orders	

DIVISION 01	GENERAL REQUIREMENTS
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Section No.	Title	Page Count
01 11 00	Summary of Work – CMR	
01 20 00	Contract Considerations – CMR	
01 25 00	Substitution Procedures - CMR	
01 26 00	Contract Modification Procedures - CMR	

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
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Bid Package #25 Elevator

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Location: Waterbury, CT Bid Package # 25
Owner: State of CT Trade Description – Elevator

01 29 76	Progress Payment Procedures – CMR	
01 31 00	Project Management and Coordination – CMR	
01 31 19	Project Meetings - CMR	
01 32 16.13	CPM Schedules-CMR	
01 32 33	Photographic Documentation - CMR	
01 33 00	Submittal Procedures - CMR	
01 35 16	Alteration Project Procedures - CMR	
01 35 26	Government Safety Requirements – CMR	
01 42 20	Reference Standards – CMR	
01 45 00	Quality Control - CMR	
01 45 23.13	Testing for Indoor Air Quality, Baseline Indoor Air Quality, and Materials–CMR	
01 50 00	Temporary Facilities & Controls – CMR	
01 56 39	Temporary Tree and Plant Protection	
01 57 30	Indoor Environmental Control – CMR	
01 57 40	Construction Indoor Air Quality Management Plan – CMR	
01 60 00	Product Requirements – CMR	
01 71 23	Field Engineering – CMR	
01 73 29	Cutting and Patching – CMR	
01 74 19	Construction Waste Management & Disposal – CMR	
01 75 00	Starting & Adjusting – CMR	
01 77 00	Closeout Procedures – CMR	
01 78 23	Operation & Maintenance Data – CMR	
01 78 30	Warranties & Bonds – CMR	
01 81 00	Building Commissioning Requirements	
01 81 13	Sustainable Design Requirements – CMR	

DIVISION 02	EXISTING CONDITIONS
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Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #25 Elevator

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 25
Owner: State of CT Trade Description – Elevator

Section No.	Title	Page Count
02 10 00	Maintenance and Protection of Traffic	
02 32 19	Test Pits	
02 41 16	Building Demolition	
02 41 19	Selective Demolition	
02 61 23	Removal and Disposal of Polychlorinated Biphenyl Contaminated Ground Cover-PCB Surface Cover Sample Results	
02 80 03	Hazardous Materials - General Requirements	
02 81 00	Transport and Disposal of Hazardous Materials	
02 82 13	Asbestos Abatement	
02 83 13	Lead Paint Activity	
DIVISION 14 Conveying Equipment		
Section No.	Title	Page Count
14 21 00	Electric Traction Elevators	

Miscellaneous Scope of Work to be included:

Without the intent of limiting the scope of work, this section contains additional scope clarifications that compliment the Contract Documents. The items listed herein are not intended to be a complete list of work items to be performed under this Subcontractors scope of work. Furthermore, details referenced are included for convenience but are not intended to identify all applicable details.

1. This bid package subcontractor has included any and all costs necessary to meet the Project Schedule and Phasing dates and allow enough time for follow up work by others to be completed within the schedule dates. This bid package subcontractor has reviewed the baseline schedule and will have material, equipment, supervision and manpower to work simultaneous areas at once during the course of the Project.
2. This bid package subcontractor will submit all submittals in accordance with division 01 33 00 and Exhibit E and will have a submittal stamp made complying with this specification section.
3. This bid package subcontractor will be required to sign the building permit for the Project, there is no building permit fee for this project. This bid package subcontractor shall carry an allowance of \$0.26/1000 of bid value for the State of Connecticut Education fund permit fee to be paid as directed by The Morganti Group.

Exhibit B
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4. Work hours are from 7:00a.m. to 4:00p.m. Monday through Friday. Permission will have to be granted to work beyond these hours.
5. All storage trailers provided by this bid package subcontractor shall be wheeled tractor trailer units and this bid package subcontractor shall figure relocating each storage trailer at least 4 times during the course of the Project. There shall be no storage of materials in the building.
6. This bid package subcontractor will allow use of man lifts or elevator by CM or other for Inspection purposes and will provide training and safety equipment for CM if needed.
7. This bid package subcontractor shall be responsible to pay directly to electrical bid package subcontractor any costs for electrician to cover Project beyond normal working hours for the work of this bid package.
8. This bid package subcontractor has confirmed they have qualified fabricator/installer qualifications and approved by the manufacturer if noted for the work to be performed.
9. This bid package subcontractor's onsite Foreman shall have a Cell phone for communications.
10. All bid package subcontractors are responsible to coordinate construction operations with the work of the other bid package subcontractors directly; the CM will assist the coordination and construction efforts.
11. All bid package subcontractors will be required to provide their own miscellaneous support steel, bracing, hangers etc. for the work of their bid package including but not limited to any supplemental steel required for cold form metal framing or metal stud framing. The metals bid package subcontractor will not provide supports for the work of others.
12. The general trades bid package subcontractor shall provide and maintain guard rails at elevator shaft openings.
13. This bid package subcontractor shall maintain a clean Project for their work areas in accordance with the contract documents.
14. This bid package subcontractor shall furnish and install all shimming and any and all other work required when working off (attaching to) the substrate of the work of this bid package or another bid package subcontractor to obtain the architectural tolerance required by the contract documents even if not shown or called for by the contract documents. All work needed is included in the bid price.
15. This bid package subcontractor shall base their bid on the basis of design manufacturer or one of the other listed manufacturers if so noted in the specifications. If the term "or equal" is not explicitly written into the specifications then the basis of design or one of the listed manufacturers shall be provided in the base bid amount by this bid package subcontractor. A substitute manufacturer shall not be carried unless approved by the Architect in the pre-bid period. Where only 1 manufacturer is noted and "no substitutions" is noted or "or equal" is not noted, this bid package subcontractor shall carry the manufacturer listed in their bid price or submit a request for additional manufacturers prior to bid for approval by the Architect prior to bid day.

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16. This bid package subcontractor shall have the Project Manager attend the weekly Project Meetings, the onsite Foreman or Superintendent shall not satisfy in lieu of the Bid Package subcontractor Project Manager unless the CM indicates the presence of the PM is not needed at the weekly meeting.
17. This bid package subcontractor shall furnish and install all elevator metal sills, jambs and heads at all elevator shaft openings and shall coordinate work with Mason bid package subcontractor.
18. The electrical bid package subcontractor will provide permanent electrical power requirements to the elevator from the temporary construction power to allow elevator to be installed if permanent power is not available.
19. The electrical bid package subcontractor will provide telephone line(s) as needed to the elevator control panel.
20. Firestopping bid package subcontractor will provide all Interstitial firestopping for piping and electrical conduit penetrations made by this bid package subcontractor.
21. This bid package subcontractor will provide all sleeves for required work and sleeves will be installed by others.
22. The miscellaneous metals bid package subcontractor will furnish and install sump pit frame with cover and the pit ladder.
23. Structural steel bid package subcontractor shall provide hoist beams to be installed by masonry bid package subcontractor.

EXCLUSIONS:

1. None

Clarifications:

1. Please see specifications, drawings, bid form for unit prices and alternates.

Allowances:

I have reviewed the above Exhibit B and I am in agreement with all items and have included provisions in Bid Submission/Subcontract price.

SUBCONTRACTOR: _____
Name

The Morganti Group:

BY: _____
SIGNATURE

BY: _____
SIGNATURE

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #25 Elevator

Project:	NVCC Founders Hall	Architect- Moser Pilon Nelson
Location:	Waterbury, CT	Bid Package # 25
Owner:	State of CT	Trade Description – Elevator

NAME: _____
 PRINT
TITLE: _____
DATE: _____

NAME: _____
 PRINT
TITLE: Project Manager
DATE: _____

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 26
Owner: State of CT Trade Description – Firestopping Contractor

DESCRIPTION OF WORK TO BE PERFORMED:

This subcontractor shall provide for the furnishing and installation of all “trade Description” and related work necessary to achieve a complete and functional installation that reasonably meets the intent and requirements of the contract documents and is acceptable to the Owner. It is further understood that the Project drawings and specifications listed in the specifications may not be fully detailed but such information can be reasonably inferred by similar details and/or requirements indicated elsewhere in the contract documents and that such cost is included in Subcontract/Bid submission price. It is understood that the work specified in this exhibit applies to this trade description including but not necessarily limited to the following specifications, inclusions, exclusions and clarifications. Bidders are advised to review “all” plans, specifications and addendums in preparation of their bids. Failure to review all bid documents will not be the basis for withdrawal of bids or claims.

Plans, Specifications, Addenda (Bid Documents):

In general, this Subcontractor shall include and provide all material, equipment, labor and all things necessary to perform “trade description” and related work on or reasonably implied by the Bid Contract Documents including but not limited to all plans, specification sections and addenda:

SPECIFICATION SECTION		
GENERAL INFORMATION		
Section No.	Title	Page Count
00 01 01	Project Title Page	
00 01 07	Seals Page	
00 01 08	Project Directory	
00 01 10	Table of Contents	
00 01 15	List of Drawing Sheets - CMR	
DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS		
Section No.	Title	Page Count
6800	Notice of CMR Invitation to Bid	
00 21 19	Notice To Bidders	
00 30 00	Available Information	
00 31 19.66	Informational Record Drawings	
00 31 24.13	Soil Contamination Report	

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 26
Owner: State of CT Trade Description – Firestopping Contractor

00 31 26.23	General Survey for Asbestos Containing Material and Lead-Based Paint	
00 31 26.29	Existing PCB Information	
00 31 32.13	Subsurface Geotechnical Report	
	Geotechnical Study for Proposed Additions and Renovations to Founders Hall at NVCC	
	750 Chase Parkway, Waterbury, CT dated October 18, 2013	
00 31 33.11	Elevator Agreement	
00 40 14	Certificate (of Authority) - (Required to be Submitted with Bid Proposal Form)	
00 40 15	Department of Administrative Services (DAS) Pre-qualification Forms	
00 41 00	Bid Proposal Form - (Major & Minor Capital Projects Greater Than \$500,000)	
00 41 01	Exhibit A-Contract Documents	
00 41 02	Exhibit B Scopes of Work for Bp#1 to 26	
00 41 02.01	Bid Package-1: Site Work, Site Concrete, Site Specialties	
00 41 02.02	Bid Package-2: Abatement and Demolition	
00 41 02.03	Bid Package-3: Landscaping	
00 41 02.04	Bid Package-4: Building Concrete-Waterproofing	
00 41 02.05	Bid Package-5: Masonry	
00 41 02.06	Bid Package-6: Metals-Structural Steel	
00 41 02.07	Bid Package-7: Metals Miscellaneous & Ornamental	
00 41 02.08	Bid Package-8: General Trades and or Drywall	
00 41 02.09	Bid Package-9: Acoustical Ceilings	
00 41 02.10	Bid Package-10: Flooring VCT-Carpeting.	
00 41 02.11	Bid Package-11: Painting	
00 41 02.12	Bid Package-12: Flooring: Stone and Resinous	
00 41 02.13	Bid Package-13: Signage	
00 41 02.14	Bid Package-14: Roofing	
00 41 02.15	Bid Package-15: Windows	
00 41 02.16	Bid Package-16: Final Cleaning	

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 26
Owner: State of CT Trade Description – Firestopping Contractor

00 41 02.17	Bid Package-17: Toilet Partitions & Accessories	
00 41 02.18	Bid Package-18: Window Treatment	
00 41 02.19	Bid Package-19: Flooring (Ceramic Tile)	
00 41 02.20	Bid Package-20: Fire Protection	
00 41 02.21	Bid Package-21: Plumbing	
00 41 02.22	Bid Package-22: HVAC	
00 41 02.23	Bid Package-23: Electrical	
00 41 02.24	Bid Package-24: Fire Alarm	
00 41 02.25	Bid Package-25: Elevators	
00 41 02.26	Bid Package-26: Fire Stopping	
00 41 03	Exhibit C – Schedules and Logistics	
00 41 03.01	Project Schedule	
00 41 03.02	Site Logistics Plan	
00 41 03.03	Phasing Plan – NOT USED	
00 41.04	Exhibit D - Site Specific Safety Plan	
00 41.05	Exhibit E - Specific Conditions	
00 41.06	Exhibit F - Insurance	
00 41.07	Exhibit G - Payment Application Procedures	
00 41.08	Exhibit H - Unit Prices	
00 41.09	Exhibit I - Proposed Sub-bidders	
00 41.10	Exhibit J - Supplemental Bid and Alternates	
00 41.11	Non-Collusion Affidavit	
00 41.12	Notification to Bidders	
00 41.13	Contract Compliance Data Form	
00 41.14	Contractor's Minority Business Enterprises Utilization Form	
00 41.15	Certification of Bidder EEO Form	
00 43 16	Standard Bid Bond Form - (Required to be Submitted with Bid Proposal Form)	
00 43 24	Special Unit Prices - (Not Used)	

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 26
Owner: State of CT Trade Description – Firestopping Contractor

00 45 14	General Contractor Bidder's Qualification Statement - (Required to be Submitted with Bid Proposal Form)	
00 45 15	Objective Criteria for Evaluating Qualifications of Bidders	
00 45 17	Named Subcontractor Bidder's Qualification Statement (NOT USED)	
00 52 03	CMR Contract (available by appointment only)	
00 52 73	Subcontract Agreement Form (NOT USED See Exhibit F Above)	
00 62 16	Certificate of Insurance (NOT USED See Exhibit F Above)	
00 62 16.1	Asbestos Attachment to Accord Form (NOT USED See Exhibit F Above)	
00 72 23	General Conditions of the Contract for Construction - For CMR (See 00 52 73 above)	
00 72 23.1	Supplementary Conditions – For CMR (See 00 52 73 above)	
00 73 27	Set-Aside Contractor Schedule	
00 73 38	Commission on Human Rights & Opportunities (CHRO) Contract Compliance Regulations	
00 73 44	Prevailing Wage Rates/Contractor's Wage Certification/Payroll Certification	
00 73 53	Affidavit For Certification Of Subcontractors As Minority Business Enterprises (MBE)	
00 73 63	Security Requirements (NOT USED)	
00 92 00	Amendments (No. 1-A, 2) - (Major & Minor Capital Projects Greater Than \$500,000) (NOT USED)	
00 92 10	Additional Forms To be Submitted After Bond Commission Funding Approval (NOT USED)	
00 92 20	Executive Orders	

DIVISION 01 GENERAL REQUIREMENTS		
Section No.	Title	Page Count
01 11 00	Summary of Work – CMR	
01 20 00	Contract Considerations – CMR	
01 25 00	Substitution Procedures - CMR	
01 26 00	Contract Modification Procedures - CMR	
01 29 76	Progress Payment Procedures – CMR	

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 26
Owner: State of CT Trade Description – Firestopping Contractor

01 31 00	Project Management and Coordination – CMR	
01 31 19	Project Meetings - CMR	
01 32 16.13	CPM Schedules-CMR	
01 32 33	Photographic Documentation - CMR	
01 33 00	Submittal Procedures - CMR	
01 35 16	Alteration Project Procedures - CMR	
01 35 26	Government Safety Requirements – CMR	
01 42 20	Reference Standards – CMR	
01 45 00	Quality Control - CMR	
01 45 23.13	Testing for Indoor Air Quality, Baseline Indoor Air Quality, and Materials–CMR	
01 50 00	Temporary Facilities & Controls – CMR	
01 56 39	Temporary Tree and Plant Protection	
01 57 30	Indoor Environmental Control – CMR	
01 57 40	Construction Indoor Air Quality Management Plan – CMR	
01 60 00	Product Requirements – CMR	
01 71 23	Field Engineering – CMR	
01 73 29	Cutting and Patching – CMR	
01 74 19	Construction Waste Management & Disposal – CMR	
01 75 00	Starting & Adjusting – CMR	
01 77 00	Closeout Procedures – CMR	
01 78 23	Operation & Maintenance Data – CMR	
01 78 30	Warranties & Bonds – CMR	
01 81 00	Building Commissioning Requirements	
01 81 13	Sustainable Design Requirements – CMR	

DIVISION 02	EXISTING CONDITIONS
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Section No.	Title	Page Count
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Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 26
Owner: State of CT Trade Description – Firestopping Contractor

02 10 00	Maintenance and Protection of Traffic	
02 32 19	Test Pits	
02 41 16	Building Demolition	
02 41 19	Selective Demolition	
02 61 23	Removal and Disposal of Polychlorinated Biphenyl Contaminated Ground Cover-PCB Surface Cover Sample Results	
02 80 03	Hazardous Materials - General Requirements	
02 81 00	Transport and Disposal of Hazardous Materials	
02 82 13	Asbestos Abatement	
02 83 13	Lead Paint Activity	

DIVISION 07	THERMAL AND MOISTURE PROTECTION
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Section No.	Title	Page Count
07 21 00	Building Insulation	
07 84 13	Through-Penetration Firestop Systems	
07 84 46	Fire-Resistive Joint Systems	

Miscellaneous Scope of Work to be included:

Without the intent of limiting the scope of work, this section contains additional scope clarifications that compliment the Contract Documents. The items listed herein are not intended to be a complete list of work items to be performed under this Subcontractors scope of work. Furthermore, details referenced are included for convenience but are not intended to identify all applicable details.

1. This bid package subcontractor has included any and all costs necessary to meet the Project Schedule and Phasing dates and allow enough time for follow up work by others to be completed within the schedule dates. This bid package subcontractor has reviewed the baseline schedule and will have material, equipment, supervision and manpower to work simultaneous areas at once during the course of the Project.
2. The intent of the Firestopping Contractor is for the bidder to provide Division 7 select work related to their package unless noted otherwise or included in another bid package.
3. This bid package subcontractor will submit all submittals in accordance with division 01 33 00 and Exhibit E and will have a submittal stamp made complying with this specification section.
4. Work hours are from 7:00a.m. to 4:00p.m. Monday through Friday. Permission will have to be granted to

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project:	NVCC Founders Hall	Architect- Moser Pilon Nelson
Location:	Waterbury, CT	Bid Package # 26
Owner:	State of CT	Trade Description – Firestopping Contractor

work beyond these hours.

5. All storage trailers provided by this bid package subcontractor shall be wheeled tractor trailer units and this bid package subcontractor shall figure relocating each storage trailer at least 4 times during the course of the Project. There shall be no storage of materials in the building.
6. This bid package subcontractor will allow use of man lifts by CM or other for Inspection purposes and will provide training and safety equipment for CM if needed.
7. This bid package subcontractor shall be responsible to pay directly to electrical bid package subcontractor any costs for electrician to cover Project beyond normal working hours for the work of this bid package.
8. This bid package subcontractor has confirmed they have qualified fabricator/installer qualifications and approved by the manufacturer if noted for the work to be performed.
9. This bid package subcontractor's onsite Foreman shall have a Cell phone for communications.
10. All bid package subcontractors are responsible to coordinate construction operations with the work of the other bid package subcontractors directly; the CM will assist the coordination and construction efforts.
11. All bid package subcontractors will be required to provide their own miscellaneous support steel, bracing, hangers etc. for the work of their bid package including but not limited to any supplemental steel required for cold form metal framing or metal stud framing. The metals bid package subcontractor will not provide supports for the work of others.
12. **This** bid package subcontractor shall fire stop, smoke safe, fire caulk and caulk the tops of ALL partitions including masonry as required by the contract documents. Fire stop and fire caulk the gap between CMU walls and slab edges as required. Provide all compressible fire safe filler as required by all of the contract documents.
13. The **general trades** bid package subcontractor shall also furnish and install all top of wall sound attenuation material and acoustical sealant at both the tops and bottom of ALL partitions for the work of all bid package subcontractors.
14. The firestopping bid package subcontractor shall coordinate directly and pay to the electrical bid package subcontractor any special power outlets required for their work.
15. This bid package subcontractor shall maintain a clean Project for their work areas in accordance with the contract documents.
16. This bid package subcontractor shall base their bid on the basis of design manufacturer or one of the other listed manufacturers if so noted in the specifications. If the term "or equal" is not explicitly written into the specifications then the basis of design or one of the listed manufacturers shall be provided in

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project:	NVCC Founders Hall	Architect- Moser Pilon Nelson
Location:	Waterbury, CT	Bid Package # 26
Owner:	State of CT	Trade Description – Firestopping Contractor

the base bid amount by this bid package subcontractor. A substitute manufacturer shall not be carried unless approved by the Architect in the pre-bid period. Where only 1 manufacturer is noted and “no substitutions” is noted or “or equal” is not noted, this bid package subcontractor shall carry the manufacturer listed in their bid price or submit a request for additional manufacturers prior to bid for approval by the Architect prior to bid day.

17. This bid package subcontractor shall have the Project Manager attend the weekly Project Meetings, the onsite Foreman or Superintendent shall not satisfy in lieu of the Bid Package subcontractor Project Manager unless the CM indicates the presence of the PM is not needed at the weekly meeting.
18. This bid package subcontractor shall have figured in their bid price multiple crews to perform the work of this bid package to meet the Project schedule.
19. This bid package subcontractor shall provide all firesafing insulation required to perform all required firesafing work.
20. This bid package subcontractor shall provide through-penetration fire stop systems for divisions 21, 22, 23, 26, 27, and 28. The MEP bid package subcontractors will provided and install sleeves and metal angles and this bid package subcontractor shall coordinate all work with the MEP trades.
21. This bid package subcontractor to provide fire-resistive joint system per 07 84 46.
22. This bid package subcontractor to provide all material for firesafing support as required for a complete system.

EXCLUSIONS:

1. None

Clarifications:

1. Please see specifications, drawings, bid form for unit prices and alternates.

Allowances:

1. This bid package shall carry an allowance of \$20,000.00 for use by the CMAR, The Morganti Group for labor and equipment at their discretion. Any remaining balance will be credited at the end of the contractors work.

I have reviewed the above Exhibit B and I am in agreement with all items and have included provisions in Bid Submission/Subcontract price.

SUBCONTRACTOR: _____

The Morganti Group:

Exhibit B
Scope of Work-Founders Hall Renovations for Allied Health & Nursing
Naugatuck Valley Community College (NVCC)
Bid Package #26 Firestopping Contractor

Project: NVCC Founders Hall Architect- Moser Pilon Nelson
Location: Waterbury, CT Bid Package # 26
Owner: State of CT Trade Description – Firestopping Contractor

Name

BY: _____
SIGNATURE

BY: _____
SIGNATURE

NAME: _____
PRINT

NAME: _____
PRINT

TITLE: _____

TITLE: Project Manager

DATE: _____

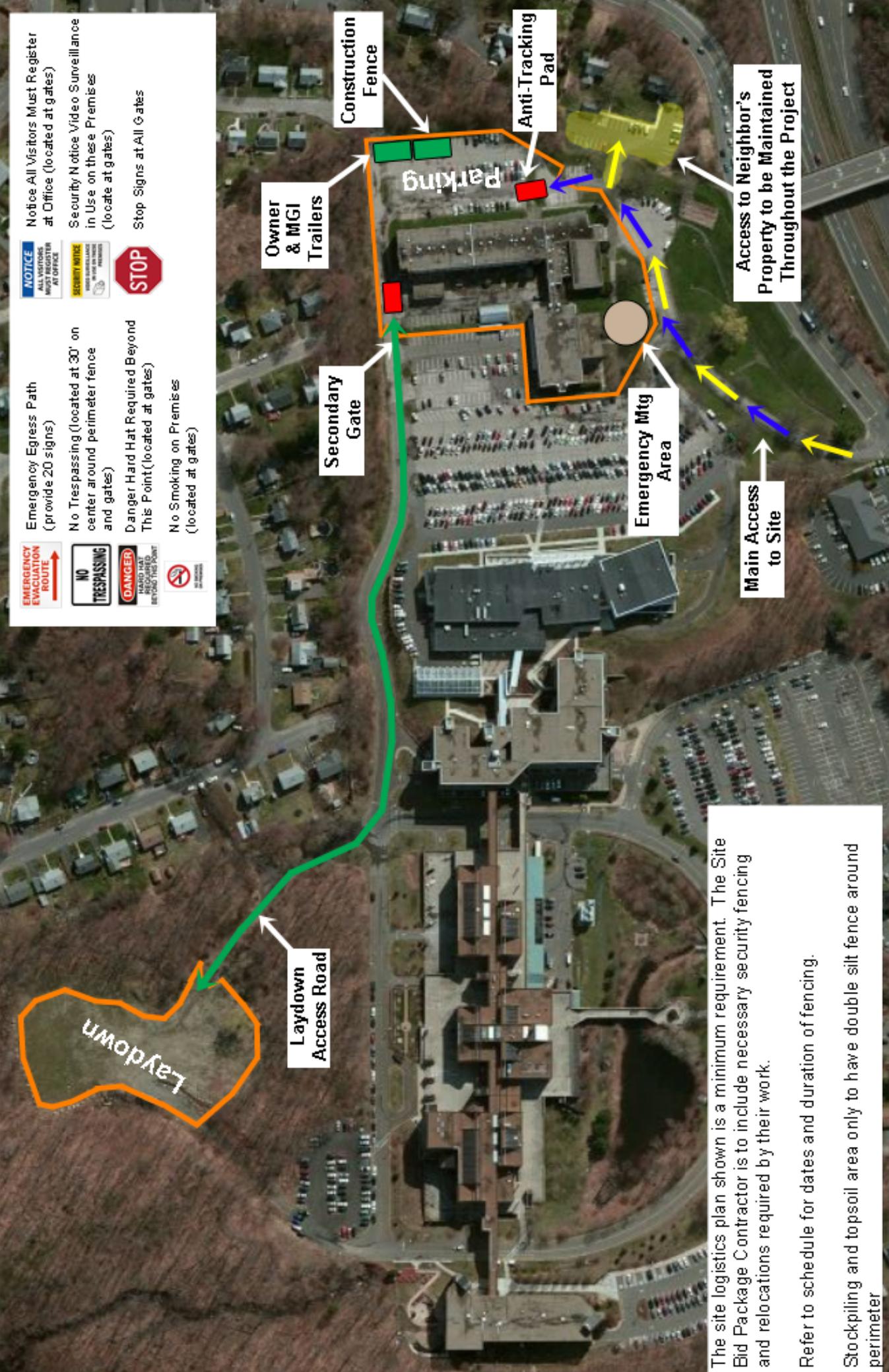
DATE: _____

Act ID	Description	Orig Dur	Rem Dur	Early Start	Early Finish	2014												2015				2016				2017				2018		
						Q1				Q2				Q3				Q4				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3								
Project Milestones																																
0010	Owner- Notice to Proceed with Pre-construction	0	0		10OCT14	◆ Owner- Notice to Proceed with Pre-construction																										
0020	Owner- Notice to Proceed with Construction	0	0	01APR15		◆ Owner- Notice to Proceed with Construction																										
2022	CM@R Mob On-Site	0	0	01APR15		◆ CM@R Mob On-Site																										
2023	SUBMITTALS	41d *	41d *	01APR15	27MAY15	— SUBMITTALS																										
16380	SITE WORK SOUTH	183d	183d	18JUN15	02MAR16	— SITE WORK SOUTH																										
16390	SITE WORK WEST	80d *	80d *	04JAN16	22APR16	— SITE WORK WEST																										
16400	SITWORK NORTH	71d *	71d *	24DEC15	04APR16	— SITWORK NORTH																										
16410	SITWORK EAST	67d *	67d *	29FEB16	31MAY16	— SITWORK EAST																										
A11031	EAST FACADE WORK	144d	144d	22APR15	09NOV15	— EAST FACADE WORK																										
A11041	NORH FACADE WORK	139d	139d	13MAY15	23NOV15	— NORH FACADE WORK																										
A11051	WEST FACADE WORK	149d	149d	03JUN15	29DEC15	— WEST FACADE WORK																										
A11061	ROOFING WORK	45d *	45d *	05NOV15	08JAN16	— ROOFING WORK																										
A11071	SOUTH ADDITION FACADE WORK	98d *	98d *	27AUG15	13JAN16	— SOUTH ADDITION FACADE WORK																										
A11081	CONCRETE FOUNDATIONS/SOG/SOD	158d	158d	24APR15	01DEC15	— CONCRETE FOUNDATIONS/SOG/SOD																										
A11091	STRUCTURAL STEEL	93d *	93d *	16JUL15	23NOV15	— STRUCTURAL STEEL																										
B14540	ABOVE CEILING MEP'S 3RD FLOOR	20d *	20d *	11JAN16	05FEB16	— ABOVE CEILING MEP'S 3RD FLOOR																										
B14550	ABOVE CEILING MEP'S 2ND FLOOR	20d *	20d *	08FEB16	04MAR16	— ABOVE CEILING MEP'S 2ND FLOOR																										
B14560	ABOVE CEILING MEP'S 1ST FLOOR	35d *	35d *	07MAR16	22APR16	— ABOVE CEILING MEP'S 1ST FLOOR																										
B14565	ABOVE CEILING MEP'S BASEMENT	15d *	15d *	07MAR16	25MAR16	— ABOVE CEILING MEP'S BASEMENT																										
B14570	INTERIOR PARTITIONS/IN WALL ROUGH 3RD	58d *	58d *	11JAN16	30MAR16	— INTERIOR PARTITIONS/IN WALL ROUGH 3																										
B14580	INTERIOR PARTITIONS/IN WALL ROUGH 2ND	65d *	65d *	08FEB16	06MAY16	— INTERIOR PARTITIONS/IN WALL ROUGH																										
B14590	INTERIOR PARTITIONS/IN WALL ROUGH 1ST	53d *	53d *	28MAR16	08JUN16	— INTERIOR PARTITIONS/IN WALL ROUGH																										
B14600	INTERIOR PARTITIONS/IN WALL ROUGH	58d *	58d *	30MAY16	18AUG16	— INTERIOR PARTITIONS/IN WALL RO																										
B14610	INTERIOR FINISHES 3RD FLOOR	143d	143d	31MAR16	18OCT16	— INTERIOR FINISHES 3RD FLOOR																										
B14620	INTERIOR FINISHES 2ND FLOOR	141d	141d	09MAY16	22NOV16	— INTERIOR FINISHES 2ND FLOOR																										
B14630	INTERIOR FINISHES 1ST FLOOR	168d	168d	09JUN16	31JAN17	— INTERIOR FINISHES 1ST F																										
B14640	INTERIOR FINISHES BASEMENT	123d	123d	19AUG16	07FEB17	— INTERIOR FINISHES BASE																										
B14650	BOILER/ELECTRIC ROOM FIT OUT/PERM	70d *	70d *	15FEB16	20MAY16	— BOILER/ELECTRIC ROOM FIT OUT/PER																										
B14660	INSTALL ELEVATOR	61d *	61d *	12JUL16	04OCT16	— INSTALL ELEVATOR																										
Preconstruction																																
Owner																																

Start date	06DEC13
Finish date	19MAY17
Data date	13OCT14
Run date	13OCT14
Page number	1A
© Primavera Systems, Inc.	

**The Morganti Group, Inc
NVCC FOUNDERS HALL
FOR BIDDING PURPOSES ONLY**

- Early bar
- Progress bar
- Critical bar
- Summary bar
- ◆ Start milestone point
- ◆ Finish milestone point



- EMERGENCY EVACUATION ROUTE** (Red arrow icon)
- NO TRESPASSING** (Black sign icon)
- DANGER** (Red sign icon)
- No Smoking on Premises** (No smoking sign icon)
- NOTICE** (Yellow sign icon)
- SECURITY NOTICE** (Yellow sign icon)
- STOP** (Red octagon sign icon)

Emergency Egress Path (provide 20 signs)

No Trespassing (located at 30' on center around perimeter fence and gates)

Danger Hard Hat Required Beyond This Point (located at gates)

No Smoking on Premises (located at gates)

Notice All Visitors Must Register at Office (located at gates)

Security Notice Video Surveillance in Use on these Premises (located at gates)

Stop Signs at All Gates

Laydown

Laydown Access Road

Secondary Gate

Owner & MGI Trailers

Construction Fence

Parking

Anti-Tracking Pad

Emergency Mtg Area

Main Access to Site

Access to Neighbor's Property to be Maintained Throughout the Project

The site logistics plan shown is a minimum requirement. The Site Bid Package Contractor is to include necessary security fencing and relocations required by their work.

Refer to schedule for dates and duration of fencing.

Stockpiling and topsoil area only to have double silt fence around perimeter

SET-ASIDE CONTRACTOR SCHEDULE

VIA FAX

Contractor Name:
Contractor Address:
City, State, Zip Code

BID OPENING DATE:

Re: Insert Project description here
Project Number:

Date:

Dear Contractor:

Named Subcontractor Bidders Qualification Statement(s) (00 45 17) is / (are) required for this project, only for your Named Subcontractors listed in Schedule 7.5.1 of your Bid Proposal. On and after October 1, 2007, each subcontractor whose subcontract exceeds five hundred thousand dollars must be prequalified in accordance with section 4a-100, as amended. Please submit at this time the Subcontractors' DAS Prequalification Certificate, if applicable, and the Subcontractor Bidders Qualification Statement for each Named Subcontractor.

In accordance with Section 4.6.1 of your Bid Proposal Form, you are required to list below the names of each currently certified set aside contractor to be used for this project, along with the dollar amount to be paid each set-aside contractor.

The responsibility for listing a qualified and certified set aside contractor rests solely with the bidder and not the State. Listing a set-aside contractor who does not qualify may be considered the same as not listing one at all and the bid may be considered non-responsive and subject to rejection.

NAME	ADDRESS	AMOUNT	INDICATE WHETHER SUBCONTRACTOR OR SUPPLIER, OR BOTH

Note: Insert required information in only one of the (3) options below, then delete the other options and this prompt box.

- This amount must be not less than ____% of the total contract cost as stated on the Bid Proposal Form, Section 7.3.1.
- This amount must be not less than ____% of the total contract cost as stated on the Bid Proposal Form, Section 7.3.1. (Including ____% Minority Business Enterprises.)
- This amount must be not less than ____% of the total contract cost as stated on the Bid Proposal Form, Section 7.3.1. (Minority Business Enterprises.)

CERTIFICATE OF ELIGIBILITY FOR EACH OF THE NAMED SET-ASIDE CONTRACTORS MUST BE SUBMITTED WITH THIS FORM.

Authorized Signature & Title

Date

THIS FORM MUST BE RECEIVED NO LATER THAN

AT: STATE OF

Connecticut Department of Administrative Services
165 Capitol Avenue
Hartford, Connecticut 06106
Room #G-35,
Attn:

COMMISSION ON HUMAN RIGHTS AND OPPORTUNITIES
CONTRACT COMPLIANCE REGULATIONS
NOTIFICATION TO BIDDERS

(Revised 09/17/07)

The contract to be awarded is subject to contract compliance requirements mandated by Sections 4a-60 and 4a-60a of the Connecticut General Statutes; and, when the awarding agency is the State, Sections 46a-71(d) and 46a-81i(d) of the Connecticut General Statutes. There are Contract Compliance Regulations codified at Section 46a-68j-21 through 43 of the Regulations of Connecticut State Agencies, which establish a procedure for awarding all contracts covered by Sections 4a-60 and 46a-71(d) of the Connecticut General Statutes.

According to Section 46a-68j-30(9) of the Contract Compliance Regulations, every agency awarding a contract subject to the contract compliance requirements has an obligation to “aggressively solicit the participation of legitimate minority business enterprises as bidders, contractors, subcontractors and suppliers of materials.” “Minority business enterprise” is defined in Section 4a-60 of the Connecticut General Statutes as a business wherein fifty-one percent or more of the capital stock, or assets belong to a person or persons: “(1) Who are active in daily affairs of the enterprise; (2) who have the power to direct the management and policies of the enterprise; and (3) who are members of a minority, as such term is defined in subsection (a) of Section 32-9n.” “Minority” groups are defined in Section 32-9n of the Connecticut General Statutes as “(1) Black Americans . . . (2) Hispanic Americans . . . (3) persons who have origins in the Iberian Peninsula . . . (4) Women . . . (5) Asian Pacific Americans and Pacific Islanders; (6) American Indians . . .” An individual with a disability is also a minority business enterprise as provided by Section 4a-60g of the Connecticut General Statutes. The above definitions apply to the contract compliance requirements by virtue of Section 46a-68j-21(11) of the Contract Compliance Regulations.

The awarding agency will consider the following factors when reviewing the bidder’s qualifications under the contract compliance requirements:

- (a) the bidder’s success in implementing an affirmative action plan;
- (b) the bidder’s success in developing an apprenticeship program complying with Sections 46a-68-1 to 46a-68-17 of the Administrative Regulations of Connecticut State Agencies, inclusive;
- (c) the bidder’s promise to develop and implement a successful affirmative action plan;
- (d) the bidder’s submission of employment statistics contained in the “Employment Information Form”, indicating that the composition of its workforce is at or near parity when compared to the racial and sexual composition of the workforce in the relevant labor market area; and
- (e) the bidder’s promise to set aside a portion of the contract for legitimate minority business enterprises. See Section 46a-68j-30(10)(E) of the Contract Compliance Regulations.

INSTRUCTIONS AND OTHER INFORMATION

The following BIDDER CONTRACT COMPLIANCE MONITORING REPORT must be completed in full, signed, and submitted with the bid for this contract. The contract awarding agency and the Commission on Human Rights and Opportunities will use the information contained thereon to determine the bidders compliance to Sections 4a-60 and 4a-60a CONN. GEN. STAT., and Sections 46a-68j-23 of the Regulations of Connecticut State Agencies regarding equal employment opportunity, and the bidder’s □□good faith efforts to include minority business enterprises as subcontractors and suppliers for the work of the contract.

1) **Definition of Small Contractor**

Section 4a-60g CONN. GEN. STAT. defines a small contractor as a company that has been doing business under the same management and control and has maintained its principal place of business in Connecticut for a one year period immediately prior to its application for certification under this section, had gross revenues not exceeding ten million dollars in the most recently completed fiscal year, and at least fifty-one percent of the ownership of which is held by a person or persons who are active in the daily affairs of the company, and have the power to direct the management and policies of the company, except that a nonprofit corporation shall be construed to be a small contractor if such nonprofit corporation meets the requirements of subparagraphs (A) and (B) of subdivision 4a-60g CONN. GEN. STAT.

MANAGEMENT: Managers plan, organize, direct, and control the major functions of an organization through subordinates who are at the managerial or supervisory level. They make policy decisions and set objectives for the company or departments. They are not usually directly involved in production or providing services. Examples include top executives, public relations managers, managers of operations specialties (such as financial, human resources, or purchasing managers), and construction and engineering managers.

BUSINESS AND FINANCIAL OPERATIONS: These occupations include managers and professionals who work with the financial aspects of the business. These occupations include accountants and auditors, purchasing agents, management analysts, labor relations specialists, and budget, credit, and financial analysts.

MARKETING AND SALES: Occupations related to the act or process of buying and selling products and/or services such as sales engineer, retail sales workers and sales representatives including wholesale.

LEGAL OCCUPATIONS: In-House Counsel who is charged with providing legal advice and services in regards to legal issues that may arise during the course of standard business practices. This category also includes assistive legal occupations such as paralegals, legal assistants.

COMPUTER SPECIALISTS: Professionals responsible for the computer operations within a company are grouped in this category. Examples of job titles in this category include computer programmers, software engineers, database administrators, computer scientists, systems analysts, and computer support specialists

ARCHITECTURE AND ENGINEERING: Occupations related to architecture, surveying, engineering, and drafting are included in this category. Some of the job titles in this category include electrical and electronic engineers, surveyors, architects, drafters, mechanical engineers, materials engineers, mapping technicians, and civil engineers.

OFFICE AND ADMINISTRATIVE SUPPORT: All clerical-type work is included in this category. These jobs involve the preparing, transcribing, and preserving of written communications and records; collecting accounts; gathering and distributing information; operating office machines and electronic data processing equipment; and distributing mail. Job titles listed in this category include telephone operators, bill and account collectors, customer service representatives, dispatchers, secretaries and administrative assistants, computer operators and clerks (such as payroll, shipping, stock, mail and file).

BUILDING AND GROUNDS CLEANING AND MAINTENANCE: This category includes occupations involving landscaping, housekeeping, and janitorial services. Job titles found in this category include supervisors of landscaping or housekeeping, janitors, maids, grounds maintenance workers, and pest control workers.

CONSTRUCTION AND EXTRACTION: This category includes construction trades and related occupations. Job titles found in this category include boilermakers, masons (all types), carpenters, construction laborers, electricians, plumbers (and related trades), roofers, sheet metal workers, elevator installers, hazardous materials removal workers, paperhangers, and painters. Paving, surfacing, and tamping equipment operators; drywall and ceiling tile installers; and carpet, floor and tile installers and finishers are also included in this category. First line supervisors, foremen, and helpers in these trades are also grouped in this category..

INSTALLATION, MAINTENANCE AND REPAIR: Occupations involving the installation, maintenance, and repair of equipment are included in this group. Examples of job titles found here are heating, ac, and refrigeration mechanics and installers; telecommunication line installers and repairers; heavy vehicle and mobile equipment service technicians and mechanics; small engine mechanics; security and fire alarm systems installers; electric/electronic repair, industrial, utility and transportation equipment; millwrights; riggers; and manufactured building and mobile home installers. First line supervisors, foremen, and helpers for these jobs are also included in the category.

MATERIAL MOVING WORKERS: The job titles included in this group are Crane and tower operators; dredge, excavating, and lading machine operators; hoist and winch operators; industrial truck and tractor operators; cleaners of vehicles and equipment; laborers and freight, stock, and material movers, hand; machine feeders and offbearers; packers and packagers, hand; pumping station operators; refuse and recyclable material collectors; and miscellaneous material moving workers.

PRODUCTION WORKERS: The job titles included in this category are chemical production machine setters, operators and tenders; crushing/grinding workers; cutting workers; inspectors, testers sorters, samplers, weighers; precious stone/metal workers; painting workers; cementing/gluing machine operators and tenders; etchers/engravers; molders, shapers and casters except for metal and plastic; and production workers.

<p><u>White</u> (not of Hispanic Origin)- All persons having origins in any of the original peoples of Europe, North Africa, or the Middle East.</p> <p><u>Black</u>(not of Hispanic Origin)- All persons having origins in any of the Black racial groups of Africa.</p> <p><u>Hispanic</u>- All persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.</p>	<p><u>Asian or Pacific Islander</u>- All persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes China, India, Japan, Korea, the Philippine Islands, and Samoa.</p> <p><u>American Indian or Alaskan Native</u>- All persons having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.</p>
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BIDDER CONTRACT COMPLIANCE MONITORING REPORT

PART I - Bidder Information

Company Name Street Address City & State Chief Executive	Bidder Federal Employer Identification Number _____ Or Social Security Number _____
Major Business Activity (brief description)	Bidder Identification (response optional/definitions on page 1) -Bidder is a small contractor. Yes__ No__ -Bidder is a minority business enterprise Yes__ No__ (If yes, check ownership category) Black__ Hispanic__ Asian American__ American Indian/Alaskan Native__ Iberian Peninsula__ Individual(s) with a Physical Disability__ Female__
Bidder Parent Company (If any)	- Bidder is certified as above by State of CT Yes__ No__
Other Locations in Ct. (If any)	

PART II - Bidder Nondiscrimination Policies and Procedures

1. Does your company have a written Affirmative Action/Equal Employment Opportunity statement posted on company bulletin boards? Yes__ No__	7. Do all of your company contracts and purchase orders contain non-discrimination statements as required by Sections 4a-60 & 4a-60a Conn. Gen. Stat.? Yes__ No__
2. Does your company have the state-mandated sexual harassment prevention in the workplace policy posted on company bulletin boards? Yes__ No__	8. Do you, upon request, provide reasonable accommodation to employees, or applicants for employment, who have physical or mental disability? Yes__ No__
3. Do you notify all recruitment sources in writing of your company's Affirmative Action/Equal Employment Opportunity employment policy? Yes__ No__	9. Does your company have a mandatory retirement age for all employees? Yes__ No__
4. Do your company advertisements contain a written statement that you are an Affirmative Action/Equal Opportunity Employer? Yes__ No__	10. If your company has 50 or more employees, have you provided at least two (2) hours of sexual harassment training to all of your supervisors? Yes__ No__ NA__
5. Do you notify the Ct. State Employment Service of all employment openings with your company? Yes__ No__	11. If your company has apprenticeship programs, do they meet the Affirmative Action/Equal Employment Opportunity requirements of the apprenticeship standards of the Ct. Dept. of Labor? Yes__ No__ NA__
6. Does your company have a collective bargaining agreement with workers? Yes__ No__ 6a. If yes, do the collective bargaining agreements contain non-discrimination clauses covering all workers? Yes__ No__ 6b. Have you notified each union in writing of your commitments under the nondiscrimination requirements of contracts with the state of Ct? Yes__ No__	12. Does your company have a written affirmative action Plan? Yes__ No__ If no, please explain. 13. Is there a person in your company who is responsible for equal employment opportunity? Yes__ No__ If yes, give name and phone number. _____ _____

1. Will the work of this contract include subcontractors or suppliers? Yes__ No__

1a. If yes, please list all subcontractors and suppliers and report if they are a small contractor and/or a minority business enterprise. (defined on page 1 / use additional sheet if necessary)

1b. Will the work of this contract require additional subcontractors or suppliers other than those identified in 1a. above?

Yes__ No__

PART IV - Bidder Employment Information

Date:

JOB CATEGORY *	OVERALL TOTALS	WHITE (not of Hispanic origin)		BLACK (not of Hispanic origin)		HISPANIC		ASIAN or PACIFIC ISLANDER		AMERICAN INDIAN or ALASKAN NATIVE	
		Male	Female	Male	Female	Male	Female	Male	Female	male	female
Management											
Business & Financial Ops											
Marketing & Sales											
Legal Occupations											
Computer Specialists											
Architecture/Engineering											
Office & Admin Support											
Bldg/ Grounds Cleaning/Maintenance											
Construction & Extraction											
Installation , Maintenance & Repair											
Material Moving Workers											
Production Occupations											
TOTALS ABOVE											
Total One Year Ago											
FORMAL ON THE JOB TRAINEES (ENTER FIGURES FOR THE SAME CATEGORIES AS ARE SHOWN ABOVE)											
Apprentices											
Trainees											

*NOTE: JOB CATEGORIES CAN BE CHANGED OR ADDED TO (EX. SALES CAN BE ADDED OR REPLACE A CATEGORY NOT USED IN YOUR COMPANY)

1. Which of the following recruitment sources are used by you? (Check yes or no, and report percent used)				2. Check (X) any of the below listed requirements that you use as a hiring qualification (X)		3. Describe below any other practices or actions that you take which show that you hire, train, and promote employees without discrimination
SOURCE	YES	NO	% of applicants provided by source			
State Employment Service					Work Experience	
Private Employment Agencies					Ability to Speak or Write English	
Schools and Colleges					Written Tests	
Newspaper Advertisement					High School Diploma	
Walk Ins					College Degree	
Present Employees					Union Membership	
Labor Organizations					Personal Recommendation	
Minority/Community Organizations					Height or Weight	
Others (please identify)					Car Ownership	
					Arrest Record	
					Wage Garnishments	

Certification (Read this form and check your statements on it CAREFULLY before signing). I certify that the statements made by me on this BIDDER CONTRACT COMPLIANCE MONITORING REPORT are complete and true to the best of my knowledge and belief, and are made in good faith. I understand that if I knowingly make any misstatements of facts, I am subject to be declared in non-compliance with Section 4a-60, 4a-60a, and related sections of the CONN. GEN. STAT.

(Signature)	(Title)	(Date Signed)	(Telephone)
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STATE OF CONNECTICUT

Affidavit For Certification Of Subcontractors As Minority Business Enterprises (MBE)

(To be completed only for subcontractors not certified as MBEs by the Department of Administrative Services)

To document the good faith efforts of the below named state contractor to include minority business enterprises as subcontractors (for services and/or material suppliers) on the state project also identified below, I certify that the following subcontractors meet the criteria for minority business enterprises set forth in CONN. GEN. STAT. § 4a-60(b). I attest that each named minority business enterprise will be contracted by the named state contractor to participate on the identified state project as a subcontractor.

The subcontractors being identified to be bona fide minority business enterprises are:

Subcontractor Name	Complete Address	Subcontractor's Principal Officer's Name

(use additional sheets as necessary)

I further certify and affirm that I have read and understand the contract compliance requirements codified at CONN. GEN. STAT. Sections 4a-60 & 46a-71(d), and the Contract Compliance Regulations codified at Sections 46a-68j-21 through 43 of the Administrative Regulations of Connecticut State Agencies. I also understand that any false statements made herein are punishable by law.

CLICK ON 'CC FORMS (NEW FROMS AVAILABLE)'

_____ (state contractor legal name)	_____ (type full printed name and title of official submitting this affidavit on behalf of contractor)
_____ (state project number)	_____ (signature of official)
_____ Department of Construction Services (state awarding agency)	_____ (date of affidavit)

Subscribed and sworn to before me, this _____ day of _____, 20_____

Notary Public/Commissioner of the Superior Court

My Commission expires _____

Please complete this form and return 15 calendar days after bid opening to the Department of Administrative Services, Procurement, 165 Capitol Avenue – Room G-35, Hartford, CT 06106.

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Rubberized-asphalt waterproofing membrane, unreinforced.
 - 2. Molded-sheet drainage panels.
 - 3. Insulation.
- B. Related Sections:
 - 1. Division 07 Section "Joint Sealants" for joint-sealant materials and installation.
 - 2. Division 07 Section "Bentonite Waterproofing" applied to locations including but not limited to elevator pit walls and under elevator pit slab.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated. Include manufacturer's written instructions for evaluating, preparing, and treating substrate, technical data, and tested physical and performance properties of waterproofing.
- B. LEED Submittals:
 - 1. Product Data for Credit MR 4 (Recycled Content): Provide data showing postconsumer and preconsumer recycled materials content of materials and fabricated items provided for this project, stated as a percentage of the materials included in these items or materials provided as part of the Work of this Section.
 - 2. Product Data for Credit MR 5 (Regional Materials): Provide data showing materials that have been extracted, harvested, or recovered, as well as manufactured, within 500 miles of Project site. If only a fraction of a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.
 - 3. Product Data for Credit ID-Cradle to Cradle Certification: Provide documentation showing materials that are Cradle to Cradle Certified products. Include material costs and level of certification for this project.
- C. Shop Drawings: Show locations and extent of waterproofing. Include details for substrate joints and cracks, sheet flashings, penetrations, inside and outside corners, tie-ins to adjoining waterproofing, and other termination conditions.
 - 1. Include setting drawings showing layout, sizes, sections, profiles, and joint details of pedestal-supported concrete pavers.
- D. Samples: For the following products in manufacturer's standard sizes unless otherwise indicated:

1. Flashing sheet.
 2. Membrane-reinforcing fabric.
 3. Insulation.
- E. Qualification Data: For qualified Installer.
- F. Product Test Reports: For waterproofing, based on evaluation of comprehensive tests performed by a qualified testing agency.
- G. Field quality-control reports.
- H. Warranties: Sample of special warranties.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: A firm that is approved or licensed by manufacturer for installation of waterproofing required for this Project and is eligible to receive special warranties specified.
- B. Source Limitations: Obtain waterproofing materials sheet flashings and insulation from single source from single manufacturer.
- C. Mockups: Install waterproofing to 100 sq. ft. of wall to demonstrate surface preparation, crack and joint treatment, corner treatment, thickness, texture, and execution quality.
1. If Architect determines mockups do not comply with requirements, reapply waterproofing until mockups are approved.
 2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
- D. Preinstallation Conference: Conduct conference at Project site.
1. Review waterproofing requirements including surface preparation, substrate condition and pretreatment, minimum curing period, forecasted weather conditions, special details and sheet flashings, installation procedures, testing and inspection procedures, and protection and repairs.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by waterproofing manufacturer.
- B. Remove and replace liquid materials that cannot be applied within their stated shelf life.
- C. Protect stored materials from direct sunlight.

1.6 PROJECT CONDITIONS

- A. Environmental Limitations: Apply waterproofing within the range of ambient and substrate temperatures recommended by waterproofing manufacturer. Do not apply waterproofing to a damp or wet substrate, or when temperature is below 0 deg F.
1. Do not apply waterproofing in snow, rain, fog, or mist.
- B. Maintain adequate ventilation during application and curing of waterproofing materials.

1.7 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace waterproofing and sheet flashings that do not comply with requirements or that fail to remain watertight within specified warranty period.
 - 1. Warranty insulation will retain 80 percent of original published thermal value.
 - 2. Warranty Period: Warranty period as specified by Section 017839 "Warranties and Bonds – CMR" from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 WATERPROOFING MEMBRANE

- A. Hot Fluid-Applied, Rubberized-Asphalt Waterproofing Membrane: Single component; 100 percent solids; hot fluid-applied, rubberized asphalt.
 - 1. Products: Subject to compliance with requirements, provide one of the following:
 - a. Carlisle Coatings & Waterproofing Inc.; CCW-500R.
 - b. Henry Company; 790-11.
 - c. Tremco Incorporated; Tremproof 150.

2.2 AUXILIARY MATERIALS

- A. Primer: ASTM D 41, asphaltic primer.
- B. Elastomeric Sheet: 50-mil- minimum, uncured sheet neoprene as follows:
 - 1. Tensile Strength: 1400 psi minimum; ASTM D 412, Die C.
 - 2. Elongation: 300 percent minimum; ASTM D 412.
 - 3. Tear Resistance: 125 psi minimum; ASTM D 624, Die C.
 - 4. Brittleness: Does not break at minus 30 deg F; ASTM D 2137.
- C. Metal Termination Bars: Manufacturer's standard, predrilled stainless-steel or aluminum termination bars; approximately 1 by 1/8 inch thick; with anchors.
- D. Sealants and Accessories: Manufacturer's recommended sealants and accessories.
- E. Reinforcing Fabric: Manufacturer's recommended, spun-bonded polyester fabric.
- F. Protection Course: Manufacturer's standard, 80- to 90-mil- thick, fiberglass-reinforced rubberized asphalt or modified bituminous sheet.

2.3 INSULATION

- A. Board Insulation: Extruded-polystyrene board insulation as specified by Section 072100 "Building Insulation."

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
 - 1. Verify that concrete has cured and aged for minimum time period recommended by waterproofing manufacturer.
 - 2. Verify that substrate is visibly dry and free of moisture. Test for capillary moisture by plastic sheet method according to ASTM D 4263.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean and prepare substrates according to manufacturer's written instructions. Provide clean, dust-free, and dry substrate for waterproofing application.
- B. Mask off adjoining surfaces not receiving waterproofing to prevent spillage and overspray affecting other construction.
- C. Remove grease, oil, form-release agents, paints, curing compounds, and other penetrating contaminants or film-forming coatings from concrete.
 - 1. Abrasive blast clean concrete surfaces uniformly to expose top surface of fine aggregate according to ASTM D 4259 with a self-contained, recirculating, blast-cleaning apparatus. Remove material to provide a sound surface free of laitance, glaze, efflorescence, curing compounds, concrete hardeners, or form-release agents. Remove remaining loose material and clean surfaces according to ASTM D 4258.
- D. Remove fins, ridges, and other projections and fill honeycomb, aggregate pockets, and other voids.

3.3 JOINTS, CRACKS, AND TERMINATIONS

- A. Prepare and treat substrates to receive waterproofing membrane, including joints and cracks, corners, and penetrations according to manufacturer's written instructions.
 - 1. Rout and fill joints and cracks in substrate. Before filling, remove dust and dirt according to ASTM D 4258.
 - 2. Adhere strip of elastomeric sheet to substrate in a layer of hot rubberized asphalt. Extend elastomeric sheet a minimum of 6 inches on each side of moving joints and cracks or joints and cracks exceeding 1/8 inch thick, and beyond deck drains and penetrations. Apply second layer of hot fluid-applied, rubberized asphalt over elastomeric sheet.
 - 3. Embed strip of reinforcing fabric into a layer of hot rubberized asphalt. Extend reinforcing fabric a minimum of 6 inches on each side of nonmoving joints and cracks not exceeding 1/8 inch thick, and beyond roof drains and penetrations.
 - a. Apply second layer of hot fluid-applied, rubberized asphalt over reinforcing fabric.
- B. At expansion joints and discontinuous deck-to-wall or deck-to-deck joints, bridge joints with elastomeric sheet extended a minimum of 6 inches on each side of joints and adhere to substrates in a layer of hot rubberized asphalt. Apply second layer of hot fluid-applied, rubberized asphalt over elastomeric sheet.

3.4 FLASHING INSTALLATION

- A. Install elastomeric flashing sheets at terminations of waterproofing membrane according to manufacturer's written instructions.
- B. Prime substrate with asphalt primer.
- C. Install elastomeric flashing sheet and adhere to wall substrates in a layer of hot rubberized asphalt.
- D. Extend elastomeric flashing sheet up walls or parapets a minimum of 8 inches above plaza deck pavers and 6 inches onto deck to be waterproofed.
- E. Install termination bars and mechanically fasten to top of elastomeric flashing sheet at terminations and perimeter of roofing.

3.5 MEMBRANE APPLICATION

- A. Apply primer, at manufacturer's recommended rate, over prepared substrate and allow to dry.
- B. Heat and apply rubberized asphalt according to manufacturer's written instructions.
 - 1. Heat rubberized asphalt in an oil- or air-jacketed melter with mechanical agitator specifically designed for heating rubberized asphalt.
- C. Start application with manufacturer's authorized representative present.
- D. Reinforced Membrane: Apply hot rubberized asphalt to substrates and adjoining surfaces indicated. Spread to a thickness of 90 mils; embed reinforcing fabric, overlapping sheets 2 inches; spread another 125-mil- thick layer to provide a uniform, reinforced, seamless membrane 215 mils thick.
- E. Apply waterproofing over prepared joints and up wall terminations and vertical surfaces to heights indicated or required by manufacturer.
- F. Cover waterproofing with protection course with overlapped joints before membrane is subject to backfilling.

3.6 INSULATION INSTALLATION

- A. Install one or more layers of board insulation to achieve required thickness and insulation drainage panels as shown by Drawings over waterproofed surfaces. Cut and fit to within 3/4 inch of projections and penetrations.
- B. On vertical surfaces, set insulation units into rubberized asphalt according to manufacturer's written instructions.

3.7 FIELD QUALITY CONTROL

- A. Engage a full-time site representative qualified by waterproofing membrane manufacturer to inspect substrate conditions; surface preparation; and application of the membrane, flashings, protection, and drainage components; furnish daily reports to Architect.

3.8 CLEANING AND PROTECTION

- A. Protect waterproofing from damage and wear during remainder of construction period.
- B. Protect installed board insulation from damage due to UV light, harmful weather exposures, physical abuse, and other causes. Provide temporary coverings where insulation will be subject

to abuse and cannot be concealed and protected by permanent construction immediately after installation.

- C. Clean spillage and soiling from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION 07 14 13

1.01 RELATED DOCUMENTS:

- A. The General Provisions of the Contract, including General and Supplementary Conditions and General Requirements, apply to the work specified in this Section.
The General Requirements in Section 20 00 50 shall also govern the work under this Section.
- B. The General Requirements in Section 20 00 50 shall also govern the work under this Section
- C. Examine all drawings and data and coordinate the work of this section with all related equipment and adjoining work.
- D. See Section 01 81 00 – Commissioning – for additional work associated with this section.
- E. Section 01 78 30 “Warranties and Bonds – CMR” for warranty requirements applicable to this Section.

1.02 DESCRIPTION

- A. This specification is to cover a complete Variable Frequency motor Drive (VFD) consisting of a pulse width modulated (PWM) inverter designed for use with a standard NEMA Design B induction motor.
- B. The drive manufacturer shall supply the drive and all necessary options as herein specified. The manufacturer shall have been engaged in the production of this type of equipment for a minimum of twenty years. VFD’s that are manufactured by a third party and “brand labeled” shall not be acceptable. All VFDs installed on this project shall be from the same manufacturer.

1.03 QUALITY ASSURANCE

- A. Referenced Standards:
 - 1. Institute of Electrical and Electronic Engineers (IEEE)
 - a) Standard 519-1992, IEEE Guide for Harmonic Content and Control.
 - 2. Underwriters laboratories
 - a) UL508C
 - 3. National Electrical Manufacturer’s Association (NEMA)
 - a) ICS 7.0, AC Adjustable Speed Drives
 - 4. IEC 16800 Parts 1 and 2
 - 5. National Electric Code (NEC)
 - a) NEC 430.120, Adjustable-Speed Drive Systems
 - 6. International Building Code (IBC)
 - a) IBC 2006 Seismic – referencing ASC 7-05 and ICC AC-156
- B. Qualifications:
 - 1. VFDs and options shall be UL listed as a complete assembly. VFD’s that require the customer to supply external fuses for the VFD to be UL listed are not acceptable. VFDs with red label UL stickers, requiring additional branch circuit protection are not acceptable. The base VFD shall be UL listed for 100 KAIC without the need for input fuses.

2. CE Mark – The VFD shall conform to the European Union ElectroMagnetic Compatibility directive, a requirement for CE marking. The VFD shall meet product standard EN 61800-3 for the First Environment restricted level.
3. The entire VFD enclosure, including the bypass shall be seismically certified and labeled as such in accordance with the 2006 International Building Code (IBC):
VFD manufacturer shall provide Seismic Certification and Installation requirements at time of submittal.
 - a) Seismic importance factor of 1.5 rating is required, and shall be based upon actual shake test data as defined by ICC AC-156.
 - b) Seismic ratings based upon calculations alone are not acceptable. Certification of Seismic rating must be based on testing done in all three axis of motion.
4. Acceptable Manufactures
 - a) ABB ACH Series.
 - b) Alternate manufacturer's requests must be submitted in writing to the Engineer for approval at least 20 working days prior to bid. Approval does not relieve the supplier of specification requirements.
5. The VFD manufacturer shall have available a comprehensive, HVAC Drive Computer Based Training (CBT) product. The CBT product shall include detailed, interactive sections covering VFD unpacking, proper mechanical and electrical installation, and programming. The CBT product shall allow the user to provide just-in-time training to new personnel or refresher training for maintenance and repair personnel on the user's site. The CBT product shall be repeatable, precise and shall include record keeping capability. The CBT product shall record answers to simulations and tests by student ID number. The CBT product must be professionally produced and have interactive sections, student tests, and include video clips of proper wiring and installation.

1.04 SUBMITTALS

- A. Submittals shall include the following information:
 1. Outline dimensions, conduit entry locations and weight.
 2. Customer connection and power wiring diagrams.
 3. Complete technical product description include a complete list of options provided. **Any portions of this specification not meet must be clearly indicated or the supplier and contractor shall be liable to provide all additional components required to meet this specification.**
 4. Compliance to IEEE 519 – harmonic analysis for particular jobsite including total harmonic voltage distortion and total harmonic current distortion (TDD).
 - a) The VFD manufacturer shall provide calculations; specific to this installation, showing total harmonic voltage distortion is less than 5%. Input filters shall be sized and provided as required by the VFD manufacturer to ensure compliance with IEEE standard 519. All VFD's shall include a minimum of 5% impedance reactors, **no exceptions.**

1.05 WARRANTY:

- A. Provide a warranty for the warranty period as specified by Section 01 78 30 “Warranties and Bonds – CMR” on all parts and labor specified under this section with start date of substantial completion. The warranty shall include all parts, labor, and associated costs incurred by the manufacturer to provide factory authorized on-site service.

PART 2 – PRODUCTS

2.01 MANUFACTURERS:

- A. ABB
- B. Acceptable substitutions are in Danfoss Graham VLT 6000 Series or Cutler Hammer (subject to approval by the Agency).

2.02 VARIABLE FREQUENCY DRIVES

- A. The VFD package as specified herein shall be enclosed in a UL Listed Type enclosure, exceeding NEMA enclosure design criteria (enclosures with only NEMA ratings are not acceptable), completely assembled and tested by the manufacturer in an ISO9001 facility. The VFD tolerated voltage window shall allow the VFD to operate from a line of +30% nominal, and -35% nominal voltage as a minimum.
 - 1. Environmental operating conditions: VFDs shall be capable of continuous operation at 0 to 50⁰ C (32 to 122⁰ F) ambient temperature as per VFD manufacturers documented/submittal data or VFD must be oversized to meet these temperature requirements. Not acceptable are VFD’s that can only operate at 40° C intermittently (average during a 24 hour period) and therefore must be oversized. Altitude 0 to 3300 feet above sea level, less than 95% humidity, non-condensing. All circuit boards shall have conformal coating.
 - 2. Enclosure shall be rated UL Type 1 and shall be UL listed as a plenum rated VFD. VFD’s without these ratings are not acceptable. NEMA only type 1 enclosures are not acceptable (must be UL Type 1).
- B. All VFDs shall have the following standard features:
 - 1. All VFDs shall have the same customer interface, including digital display, and keypad, regardless of horsepower rating. The keypad shall be removable, capable of remote mounting and allow for uploading and downloading of parameter settings as an aid for start-up of multiple VFDs.
 - 2. The keypad shall include Hand-Off-Auto selections and manual speed control. The drive shall incorporate “bumpless transfer” of speed reference when switching between “Hand” and “Auto” modes. There shall be fault reset and “Help” buttons on the keypad. The Help button shall include “on-line” assistance for programming and troubleshooting.
 - 3. There shall be a built-in time clock in the VFD keypad. The clock shall have a battery back up with 10 years minimum life span. The clock shall be used to date and time stamp faults and record operating parameters at the time of fault. If the battery fails, the VFD shall automatically revert to hours of operation since initial power up. Capacitor back-up is not acceptable. The clock shall also be programmable to control start/stop functions, constant speeds, PID parameter sets and output Form-C relays. The VFD shall have a digital input

- that allows an override to the time clock (when in the off mode) for a programmable time frame. There shall be four (4) separate, independent timer functions that have both weekday and weekend settings.
4. The VFD's shall utilize pre-programmed application macro's specifically designed to facilitate start-up. The Application Macros shall provide one command to reprogram all parameters and customer interfaces for a particular application to reduce programming time. The VFD shall have two user macros to allow the end-user to create and save custom settings.
 5. The VFD shall have cooling fans that are designed for easy replacement. The fans shall be designed for replacement without requiring removing the VFD from the wall or removal of circuit boards. The VFD cooling fans shall operate only when required. To extend the fan and bearing operating life, the VFD shall cycle the cooling fans on and off as required.
 6. The VFD shall be capable of starting into a coasting load (forward or reverse) up to full speed and accelerate or decelerate to set point without tripping or component damage (flying start).
 7. The VFD shall have the ability to automatically restart after an over-current, over-voltage, under-voltage, or loss of input signal protective trip. The number of restart attempts, trial time, and time between attempts shall be programmable.
 8. The overload rating of the drive shall be 110% of its normal duty current rating for 1 minute every 10 minutes, 130% overload for 2 seconds. The minimum FLA rating shall meet or exceed the values in the NEC/UL table 430.250 for 4-pole motors.
 9. The VFD shall have internal 5% impedance reactors to reduce the harmonics to the power line and to add protection from AC line transients. The 5% impedance may be from dual (positive and negative DC bus) reactors, or 5% AC line reactors. VFD's with only one DC reactor shall add an AC line reactor.
 10. The input current rating of the VFD shall be no more than 3% greater than the output current rating. VFD's with higher input current ratings require the upstream wiring, protection devices, and source transformers to be oversized per NEC 430.120. Input and output current ratings must be shown on the VFD nameplate.
 11. The VFD shall include a coordinated AC transient surge protection system consisting of 4-120 joule rated MOV's (phase to phase and phase to ground), a capacitor clamp, and 5% impedance reactors.
 12. The VFD shall provide a programmable loss-of-load (broken belt / broken coupling) Form-C relay output. The drive shall be programmable to signal the loss-of-load condition via a keypad warning, Form-C relay output, and / or over the serial communications bus. The loss-of-load condition sensing algorithm shall include a programmable time delay that will allow for motor acceleration from zero speed without signaling a false loss-of-load condition.
 13. The VFD shall have user programmable underload and overload curve functions to allow user defined indications of broken belt or mechanical failure / jam condition causing motor overload
 14. The VFD shall include multiple "two zone" PID algorithms that allow the VFD to maintain PID control from two separate feedback signals (4-20mA, 0-10V, and / or serial communications). The two zone control PID algorithm will control motor speed based on a minimum, maximum, or average of the two feedback signals. All of the VFD PID controllers shall include the ability for "two zone" control.
 15. If the input reference (4-20mA or 2-10V) is lost, the VFD shall give the user the option of either (1) stopping and displaying a fault, (2) running at a programmable preset speed, (3) hold the VFD speed based on the last good reference received, or (4) cause a warning to be

- issued, as selected by the user. The drive shall be programmable to signal this condition via a keypad warning, Form-C relay output and / or over the serial communication bus.
16. The VFD shall have programmable “Sleep” and “Wake up” functions to allow the drive to be started and stopped from the level of a process feedback signal.

C. All VFDs to have the following adjustments:

1. Three (3) programmable critical frequency lockout ranges to prevent the VFD from operating the load continuously at an unstable speed. The lockout range must be fully adjustable, from 0 to full speed.
2. Two (2) PID Set point controllers shall be standard in the drive, allowing pressure or flow signals to be connected to the VFD, using the microprocessor in the VFD for the closed-loop control. The VFD shall have 250 ma of 24 VDC auxiliary power and be capable of loop powering a transmitter supplied by others. The PID set point shall be adjustable from the VFD keypad, analog inputs, or over the communications bus. There shall be two independent parameter sets for the PID controller and the capability to switch between the parameter sets via a digital input, serial communications or from the keypad. The independent parameter sets are typically used for night setback, switching between summer and winter set points, etc.
3. There shall be an independent, second PID loop that can utilize the second analog input and modulate one of the analog outputs to maintain the set point of an independent process (ie. valves, dampers, etc.). All set points, process variables, etc. to be accessible from the serial communication network.
4. Two (2) programmable analog inputs shall accept current or voltage signals.
5. Two (2) programmable analog outputs (0-20ma or 4-20 ma). The outputs may be programmed to output proportional to Frequency, Motor Speed, Output Voltage, Output Current, Motor Torque, Motor Power (kW), DC Bus voltage, Active Reference, Active Feedback, and other data.
6. Six (6) programmable digital inputs for maximum flexibility in interfacing with external devices. All digital inputs shall be programmable to initiate upon an application or removal of 24VDC or 24VAC.
7. Three (3) programmable, digital Form-C relay outputs. The relay outputs shall include programmable on and off delay times and adjustable hysteresis. The relays shall be rated for maximum switching current 8 amps at 24 VDC and 0.4 A at 250 VAC; Maximum voltage 300 VDC and 250 VAC; continuous current rating of 2 amps RMS. Outputs shall be true Form-C type contacts; open collector outputs are not acceptable.
8. Run permissive circuit - There shall be a run permissive circuit for damper or valve control. Regardless of the source of a run command (keypad, input contact closure, time-clock control, or serial communications), the VFD shall provide a dry contact closure that will signal the damper to open (VFD motor does not operate). When the damper is fully open, a normally open dry contact (end-switch) shall close. The closed end-switch is wired to a VFD digital input and allows VFD motor operation. Two separate safety interlock inputs shall be provided. When either safety is opened, the motor shall be commanded to coast to stop and the damper shall be commanded to close. The keypad shall display “start enable 1 (or 2) missing”. The safety input status shall also be transmitted over the serial communications bus.
9. The VFD control shall include a programmable time delay for VFD start and a keypad indication that this time delay is active. A Form C relay output provides a contact closure to signal the VAV boxes open. This will allow VAV boxes to be driven open before the

- motor operates. The time delay shall be field programmable from 0 – 120 seconds. Start delay shall be active regardless of the start command source (keypad command, input contact closure, time-clock control, or serial communications), and when switching from drive to bypass.
10. Seven (7) programmable preset speeds.
 11. Two independently adjustable accel and decel ramps with 1 – 1800 seconds adjustable time ramps.
 12. The VFD shall include a motor flux optimization circuit that will automatically reduce applied motor voltage to the motor to optimize energy consumption and reduce audible motor noise. The VFD shall have selectable software for optimization of motor noise, energy consumption, and motor speed control.
 13. The VFD shall include a carrier frequency control circuit that reduces the carrier frequency based on actual VFD temperature that allows higher carrier frequency settings without derating the VFD.
 14. The VFD shall include password protection against parameter changes.
- D. The Keypad shall include a backlit LCD display. The display shall be in complete English words for programming and fault diagnostics (alpha-numeric codes are not acceptable). All VFD faults shall be displayed in English words. The keypad shall include a minimum of 14 assistants including:
1. Start-up assistant
 2. Parameter assistants
 - a. PID assistant
 - b. Reference assistant
 - c. I/O assistant
 - d. Serial communications assistant
 - e. Option module assistant
 - f. Panel display assistant
 - g. Low noise set-up assistant
 3. Maintenance assistant
 4. Troubleshooting assistant
 5. Drive optimizer assistants
- E. All applicable operating values shall be capable of being displayed in engineering (user) units. A minimum of three operating values from the list below shall be capable of being displayed at all times. The display shall be in complete English words (alpha-numeric codes are not acceptable):
- Output Frequency
 - Motor Speed (RPM, %, or Engineering units)
 - Motor Current
 - Motor Torque
 - Motor Power (kW)
 - DC Bus Voltage
 - Output Voltage
- F. The VFD shall include a fireman's override input. Upon receipt of a contact closure from the fire / smoke control station, the VFD shall operate in one of two modes: 1) Operate at a programmed predetermined fixed speed ranging from -500Hz (reverse) to 500Hz (forward). 2) Operate in a specific fireman's override PID algorithm that automatically adjusts motor speed

based on override set point and feedback. The mode shall override all other inputs (analog/digital, serial communication, and all keypad commands), except customer defined safety run interlocks, and force the motor to run in one of the two modes above. "Override Mode" shall be displayed on the keypad. Upon removal of the override signal, the VFD shall resume normal operation, without the need to cycle the normal digital input run command.

G. Serial Communications

1. The VFD shall have an EIA-485 port as standard. The standard protocols shall be Modbus, Johnson Controls N2, Siemens Building Technologies FLN, and BACnet. [Optional protocols for LonWorks, Profibus, EtherNet, BACnet IP, and DeviceNet shall be available.] Each individual drive shall have the protocol in the base VFD. The use of third party gateways and multiplexers is not acceptable. All protocols shall be "certified" by the governing authority (i.e. BTL Listing for BACnet). Use of non-certified protocols is not allowed.
2. The BACnet connection shall be an EIA-485, MS/TP interface operating at 9.6, 19.2, 38.4, or 76.8 Kbps. The connection shall be tested by the BACnet Testing Labs (BTL) and be BTL Listed. The BACnet interface shall conform to the BACnet standard device type of an Applications Specific Controller (B-ASC). The interface shall support all BIBBs defined by the BACnet standard profile for a B-ASC including, but not limited to:
 - a. Data Sharing – Read Property – B.
 - b. Data Sharing – Write Property – B.
 - c. Device Management – Dynamic Device Binding (Who-Is; I-Am).
 - d. Device Management – Dynamic Object Binding (Who-Has; I-Have).
 - e. Device Management – Communication Control – B.
3. If additional hardware is required to obtain the BACnet interface, the VFD manufacturer shall supply one BACnet gateway per drive. Multiple VFDs sharing one gateway shall not be acceptable.
4. Serial communication capabilities shall include, but not be limited to; run-stop control, speed set adjustment, proportional/integral/derivative PID control adjustments, current limit, accel/decel time adjustments, and lock and unlock the keypad. The drive shall have the capability of allowing the DDC to monitor feedback such as process variable feedback, output speed / frequency, current (in amps), % torque, power (kW), kilowatt hours (resettable), operating hours (resettable), and drive temperature. The DDC shall also be capable of monitoring the VFD relay output status, digital input status, and all analog input and analog output values. All diagnostic warning and fault information shall be transmitted over the serial communications bus. Remote VFD fault reset shall be possible.
5. Serial communication in bypass shall include, but not be limited to; bypass run-stop control, the ability to force the unit to bypass, and the ability to lock and unlock the keypad. The bypass shall have the capability of allowing the DDC to monitor feedback such as, current (in amps), kilowatt hours (resettable), operating hours (resettable), and bypass logic board temperature. The DDC shall also be capable of monitoring the bypass relay output status, and all digital input status. All bypass diagnostic warning and fault information shall be transmitted over the serial communications bus. Remote bypass fault reset shall be possible.
6. The VFD / bypass shall allow the DDC to control the drive and bypass digital and analog outputs via the serial interface. This control shall be independent of any VFD function. The analog outputs may be used for modulating chilled water valves or cooling tower bypass valves. The drive and bypass' digital (Form-C relay) outputs may be used to actuate a

- damper, open a valve or control any other device that requires a maintained contact for operation. In addition, all of the drive and bypass' digital inputs shall be capable of being monitored by the DDC system. This allows for remote monitoring of which (of up to 4) safeties are open.
7. The VFD shall include an independent PID loop for customer use. The independent PID loop may be used for cooling tower bypass value control, chilled water value / hot water valve control, etc. Both the VFD PID control loop and the independent PID control loop shall continue functioning even if the serial communications connection is lost. As default, the VFD shall keep the last good set point command and last good DO & AO commands in memory in the event the serial communications connection is lost and continue controlling the process.
- H. EMI / RFI filters. All VFD's shall include EMI/RFI filters. The onboard filters shall allow the VFD assembly to be CE Marked and the VFD shall meet product standard EN 61800-3 for the First Environment restricted level with up to 100 feet of motor cable. No Exceptions. Certified test reports shall be provided with the submittals confirming compliance to EN 61800-3, First Environment.
- I. All VFD's through 75HP at 480 V shall be protected from input and output power mis-wiring. The VFD shall sense this condition and display an alarm on the keypad. The VFD shall not sustain damage from this power mis-wiring condition.
- J. The following features shall be furnished and mounted by the drive manufacturer. All optional features shall be UL Listed by the drive manufacturer as a complete assembly and carry a UL508 label. [Choose one of the options listed below].
1. A complete factory wired and tested bypass system consisting of an output contactor and bypass contactor per section 2.01K below.
 2. Door interlocked, padlockable circuit breaker that will disconnect all input power from the drive and all internally mounted options. Circuit breaker shall be available with systems requiring bypass.
 3. Fieldbus adapters protocols such as LonWorks, DeviceNet, Ethernet IP (ControlNet over Ethernet & ModBus TCP), BACnet IP, and Profibus shall be available with the addition of an card. Coordinate with the Temperature Control Contractor.
- K. BYPASS CONTROLLER
1. A complete factory wired and tested bypass system consisting of a door interlocked, padlockable circuit breaker, output contactor, bypass contactor, and fast acting VFD input fuses are required. UL Listed motor overload protection shall be provided in both drive and bypass modes.
 2. The bypass enclosure door and VFD enclosure must be mechanically interlocked such that the disconnecting device must be in the "Off" position before either enclosure may be accessed.
 3. The VFD and bypass package shall have a UL listed short circuit current rating (SCCR) of 100,000 amps and this rating shall be indicated on the UL data label.
 4. The drive and bypass package shall be seismic certified and labeled to the IBC:
 - a. Seismic importance factor of 1.5 rating is required, and shall be based upon actual shake table test data as defined by ICC AC-156.

5. Drive Isolation Fuses - To ensure maximum possible bypass operation, fast acting fuses, exclusive to the VFD, shall be provided to allow the VFD to disconnect from the line prior to clearing upstream branch circuit protection. This maintains bypass operation capability in the event of a VFD failure. Bypass designs which have no such fuses, or that incorporate fuses common to both the VFD and the bypass, will not be accepted.
6. The system (VFD and Bypass) tolerated voltage window shall allow the system to operate from a line of +30%, -35% nominal voltage range. The system shall incorporate circuitry that will allow the drive or bypass contactor to remain "sealed in" over this voltage tolerance at a minimum.
7. The bypass shall maintain positive contactor control through the voltage tolerance window of nominal voltage +30%, -35%. This feature is designed to avoid contactor coil failure during brown out / low line conditions and allow for input single phase operation when in the VFD mode. Designs that will not allow input single phase operation in the VFD mode are not acceptable.
8. Motor protection from single phase power conditions - the bypass system must be able to detect a single phase input power condition while running in bypass, disengage the motor in a controlled fashion, and give a single phase input power indication. Bypass systems not incorporating single phase protection in bypass mode are not acceptable.
9. The bypass system shall NOT depend on the VFD for bypass operation. The bypass system shall be designed for stand alone operation and shall be completely functional in both Hand and Automatic modes even if the VFD has been removed from the system for repair / replacement. Serial communications shall remain functional even with the VFD removed.
10. Serial communications – the bypass shall be capable of being monitored and / or controlled via serial communications. On-board communications protocols shall include ModBus; Johnson Controls N2; Siemens Building Technologies FLN (P1); and BACnet.
11. Serial communication capabilities shall include, but not be limited to; bypass run-stop control; the ability to force the unit to bypass; and the ability to lock and unlock the keypad. The bypass shall have the capability of allowing the DDC to monitor feedback such as, current (in amps), kilowatt hours (resettable), operating hours (resettable), and bypass logic board temperature. The DDC shall also be capable of monitoring the bypass relay output status, and all digital input status. All bypass diagnostic warning and fault information shall be transmitted over the serial communications bus. Remote bypass fault reset shall be possible. The following additional status indications and settings shall be transmitted over the serial communications bus and / or via a Form-C relay output – keypad "Hand" or "Auto" selected, bypass selected, and broken belt indication. The DDC system shall also be able to monitor if the motor is running in the VFD mode or bypass mode over serial communications. A minimum of 50 field serial communications points shall be capable of being monitored in the bypass mode.
12. The bypass serial communications shall allow control of the bypass' digital outputs via the serial interface. This control shall be independent of any bypass function or operating state. The bypass' digital (relay) outputs may be used to actuate a damper, open a valve or control any other device that requires a maintained contact for operation. In addition, all of the bypass' digital inputs shall be capable of being monitored by the DDC system.
13. There shall be an adjustable motor current sensing circuit for the bypass and VFD modes to provide proof of flow (broken belt) indication. The condition shall be indicated on the keypad display, transmitted over the building automation protocol and / or via a Form-C relay output contact closure. The broken belt indication shall be programmable to be a system (drive and bypass) indication. The broken belt condition sensing algorithm shall be programmable to cause only a warning or a fault and / or system shutdown.

14. The digital inputs for the system shall accept 24VAC or 24VDC. The bypass shall incorporate an internally sourced power supply and not require an external control power source. The bypass power board shall supply 250 ma of 24 VDC for use by others to power external devices.
15. There shall be a run permissive circuit for damper or valve control. Regardless of the source of a run command (keypad command, time-clock control, digital input, or serial communications) the bypass shall provide a dry contact closure that will signal the damper to open (motor does not operate). When the damper is fully open, a normally open dry contact (end-switch) shall close. The closed end-switch is wired to a bypass system input and allows motor operation. Up to four separate safety interlock inputs shall be provided. When any safety is opened, the motor shall be commanded to coast to stop, and the damper shall be commanded to close. This feature will also operate in Fireman's override / smoke control mode.
16. The bypass control shall monitor the status of the VFD and bypass contactors and indicate when there is a welded contactor contact or open contactor coil. This failed contactor condition shall be indicated on the bypass LCD display, programmed to fire a Form-C relay output, and / or over the serial communications protocol.
17. The bypass control shall include a programmable time delay for bypass start and keypad indication that this time delay is in process. A Form C relay output provides a contact closure to signal the VAV boxes open. This will allow VAV boxes to be driven open before the motor operates at full speed in the bypass mode. The time delay shall be field programmable from 0 – 120 seconds.
18. There shall be a keypad adjustment to select manual or automatic transfer bypass. The user shall be able to select via keypad programming which drive faults will result in an automatic transfer to the bypass mode and which faults require a manual transfer to bypass. The user may select whether the system shall automatically transfer from drive to bypass mode on the following drive fault conditions:
 - a. Over current
 - b. Over voltage
 - c. Under voltage
 - d. Loss of analog input
19. The following operators shall be provided:
 - a. Bypass Hand-Off-Auto
 - b. Drive mode selector
 - c. Bypass mode selector
 - d. Bypass fault reset
20. The bypass shall include a two line, 20 character LCD display. The display shall allow the user to access and view:
 - a. Energy savings – in US dollars
 - b. Bypass motor amps
 - c. Bypass input voltage– average and individual phase voltage
 - d. Bypass power (kW)
 - e. Bypass faults and fault logs
 - f. Bypass warnings
 - g. Bypass operating time (resettable)
 - h. Bypass energy (kilowatt hours – resettable)
 - i. I/O status
 - j. Parameter settings / programming
 - k. Printed circuit board temperature

21. The following indicating lights (LED type) or keypad display indications shall be provided. A test mode or push to test feature shall be provided.
 - a. Power-on (Ready)
 - b. Run enable
 - c. Drive mode selected
 - d. Bypass mode selected
 - e. Drive running
 - f. Bypass running
 - g. Drive fault
 - h. Bypass fault
 - i. Bypass H-O-A mode
 - j. Automatic transfer to bypass selected
 - k. Safety open
 - l. Damper opening
 - m. Damper end-switch made
22. The Bypass controller shall have six programmable digital inputs, and five programmable Form-C relay outputs. This I/O allows for a total System (VFD and Bypass) I/O count of 24 points as standard. The bypass I/O shall be available to the BAS / DDC system even with the VFD removed.
23. The on-board Form-C relay outputs in the bypass shall be programmable for any of the following indications.
 - a. System started
 - b. System running
 - c. Bypass override enabled
 - d. Drive fault
 - e. Bypass fault
 - f. Bypass H-O-A position
 - g. Motor proof-of-flow (broken belt)
 - h. Overload
 - i. Bypass selected
 - j. Bypass run
 - k. System started (damper opening)
 - l. Bypass alarm
 - m. Over temperature
24. The bypass shall provide a separate terminal strip for connection of freeze, fire, smoke contacts, and external start command. All external safety interlocks shall remain fully functional whether the system is in VFD or Bypass mode. The remote start/stop contact shall operate in VFD and bypass modes. The terminal strip shall allow for independent connection of up to four (4) unique safety inputs.
25. The bypass shall include a supervisory control mode. In this bypass mode, the bypass shall monitor the value of the VFD's analog input (feedback). This feedback value is used to control the bypass contactor on and off state. The supervisory mode shall allow the user to maintain hysteresis control over applications such as cooling towers and booster pumps even with the VFD out of service.
26. The user shall be able to select the text to be displayed on the keypad when an external safety opens. Example text display indications include "FireStat", "FreezStat", "Over pressure" and "Low suction". The user shall also be able to determine which of the four (4) safety contacts is open over the serial communications connection.

27. Smoke Control Override Mode (Override 1) – The bypass shall include a dedicated digital input that will transfer the motor from VFD mode to Bypass mode upon receipt of a dry contact closure from the Fire / Smoke Control System. The Smoke Control Override Mode action is not programmable and will always function as described in the bypass User’s Manual documentation. In this mode, the system will ignore low priority safeties and acknowledge high priority safeties as required by UL 864/UUKL. All keypad control, serial communications control, and normal customer start / stop control inputs will be disregarded. This Smoke Control Mode shall be designed to meet the intent of UL864/UUKL.
28. Fireman’s Override Mode (Override 2) – the bypass shall include a second, programmable override input which will allow the user to configure the unit to acknowledge some digital inputs, all digital inputs, ignore digital inputs or any combination of the above. This programmability allows the user to program the bypass unit to react in whatever manner the local Authority Having Jurisdiction (AHJ) requires. The Override 2 action may be programmed for “Run-to-Destruction”. The user may also force the unit into Override 2 via the serial communications link.
29. Class 10, 20, or 30 (programmable) electronic motor overload protection shall be included.

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Installation shall be the responsibility of the mechanical contractor. The contractor shall install the drive in accordance with the recommendations of the VFD manufacturer as outlined in the VFD installation manual.
- B. Power wiring shall be completed by the electrical contractor, to NEC code 430.122 wiring requirements based on the VFD input current. Caution: VFDs supplied without internal reactors have substantially higher input current ratings, which may require larger input power wiring and branch circuit protection. The contractor shall complete all wiring in accordance with the recommendations of the VFD manufacturer as outlined in the installation manual.

3.02 START-UP

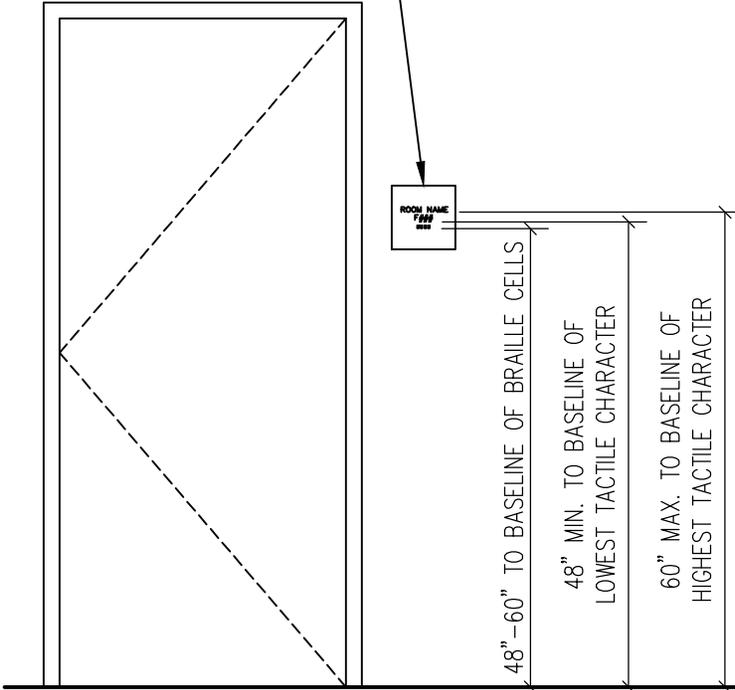
- A. Certified factory start-up shall be provided for each drive by a factory authorized service center. A certified start-up form shall be filled out for each drive with a copy provided to the owner, and a copy kept on file at the manufacturer.

3.03 PRODUCT SUPPORT

- A. Factory trained application engineering and service personnel that are thoroughly familiar with the VFD products offered shall be locally available at both the specifying and installation locations. A toll free 24/365 technical support line shall be available.
- B. A computer based training CD or 8-hour professionally generated video (VCR format) shall be provided to the owner at the time of project closeout. The training shall include installation, programming and operation of the VFD, bypass and serial communication.

END OF SECTION 26 29 23

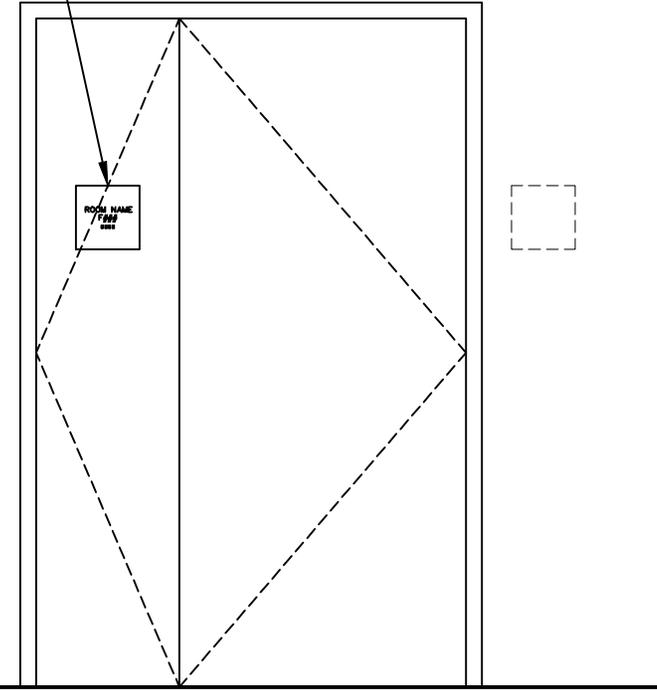
PROVIDE ADA PANEL SIGN SIMILAR TO OWNER'S SAMPLE; MOUNT ALONGSIDE DOOR AT LATCH SIDE



ADA PANEL SIGN @ SINGLE DOOR

SCALE: 1/2"=1'-0"

PROVIDE ADA PANEL SIGN SIMILAR TO OWNER'S SAMPLE; MOUNT ON INACTIVE LEAF; WHERE BOTH LEAVES ARE ACTIVE, MOUNT ON RIGHT OF RIGHT-HAND DOOR IF SPACE ALLOWS, OR NEAREST WALL ADJACENT TO RIGHT-HAND DOOR



ADA PANEL SIGN @ DOUBLE DOOR

SCALE: 1/2"=1'-0"

DATE 10/15/2014

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SCALE: AS NOTED

SKETCH NO.

AD1-SK-INFO.1

PROJECT TITLE

Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

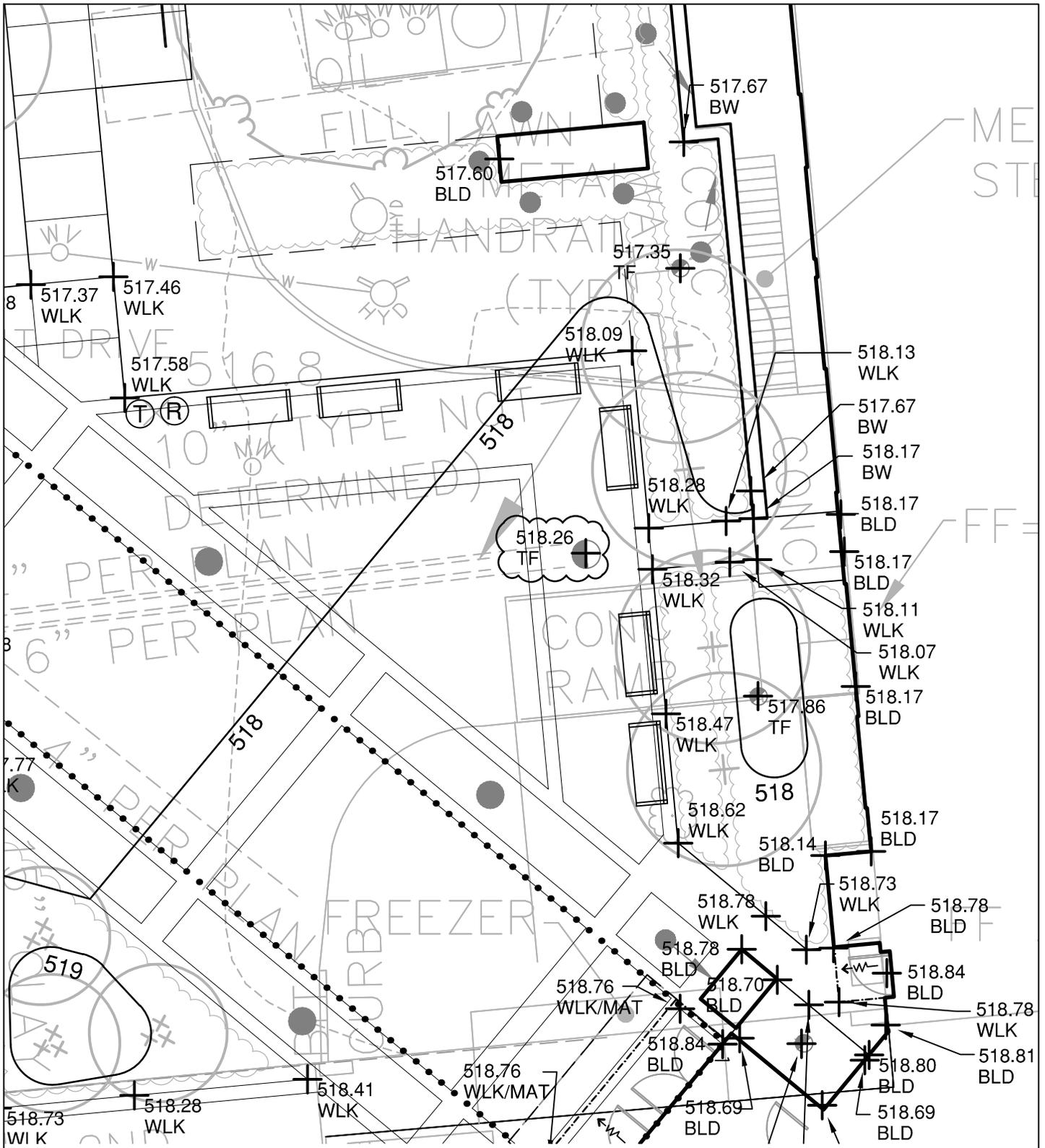
SKETCH TITLE

ADA PANEL SIGNS -

MOUNTING HEIGHT AND LOCATIONS

**moser
pilon
nelson
architects**

300 CORPORATE BLVD.
WETHERFIELD, CT 06109
PH: 383.8784



PROJECT TITLE
 Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE
 REVISED GRADING

AT MANHOLE

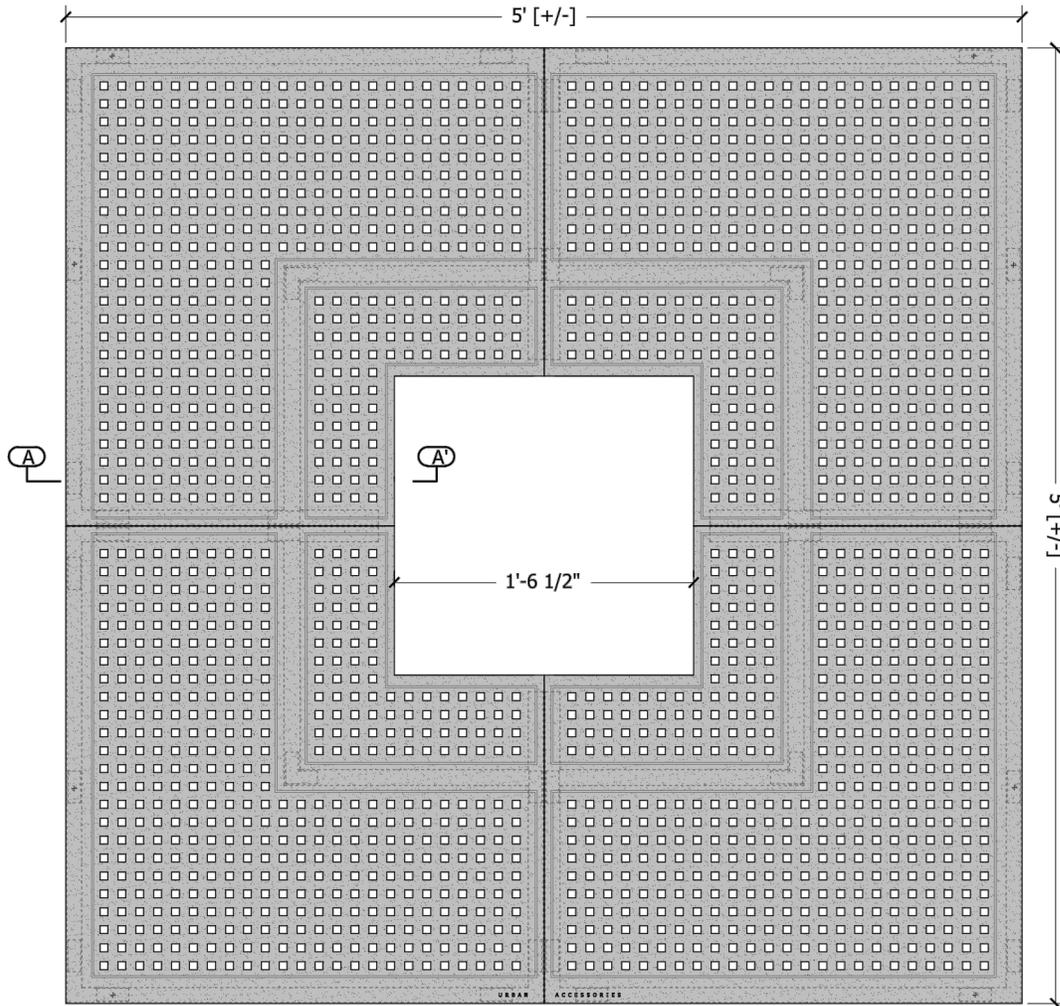
DATE 10/15/2014

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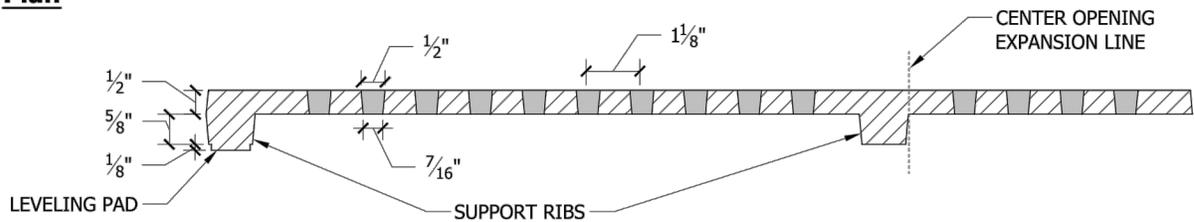
SCALE: 1" = 10'-0"

SKETCH NO.
 AD1-SK-L2.3-1





Plan



Section A-A'

5 Tree Grate

LANDSCAPE ARCHITECT
Richter & Cegan Inc.
 88 CANAL COURT
 P.O. BOX 567
 AVON, CT 06001
 PHONE: 860-678-0669

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 architects**
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 860 583 0164

PROJECT TITLE
 Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing

PROJECT NO BI-CTC-442

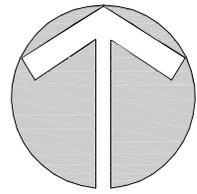
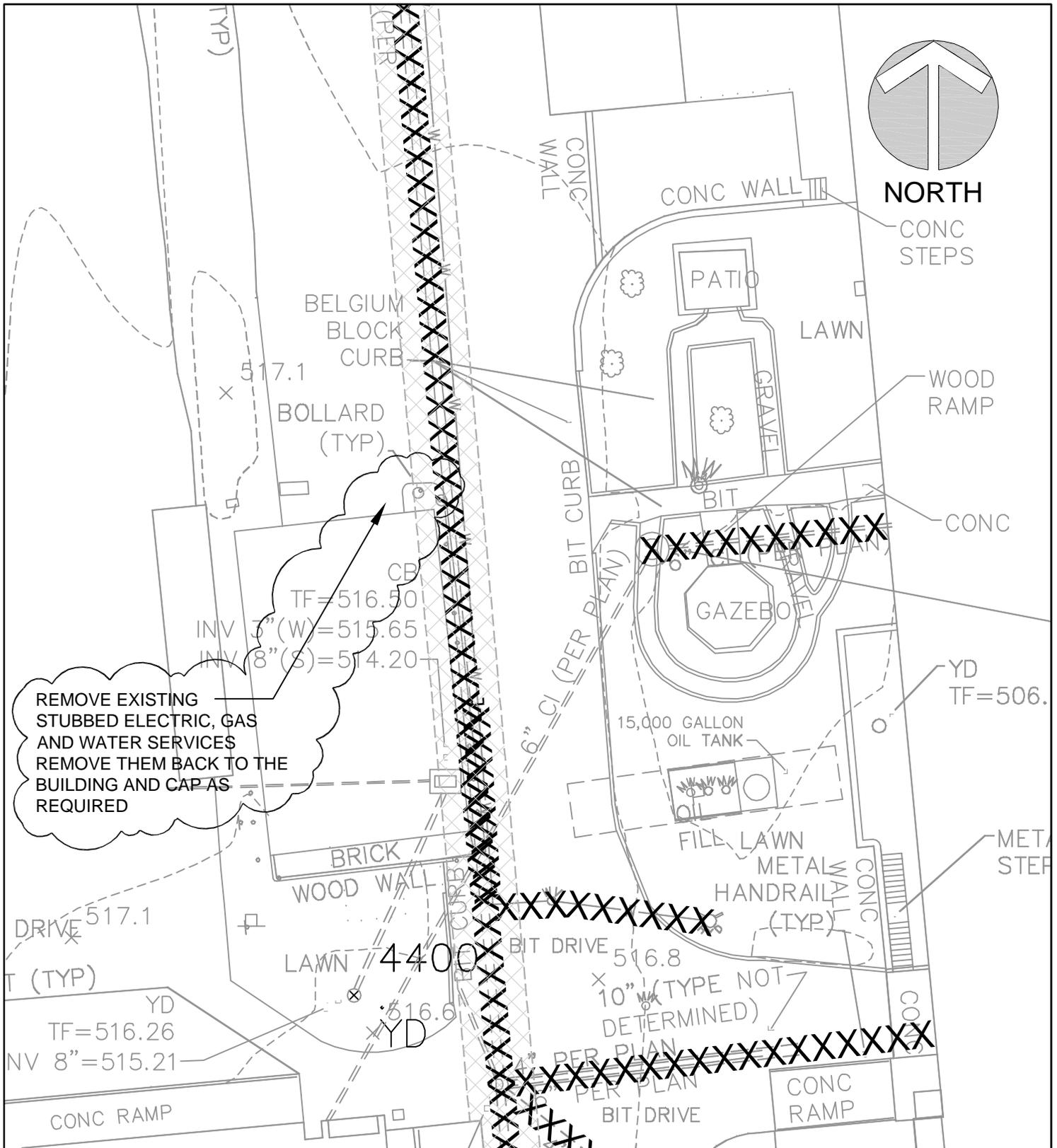
SKETCH TITLE
 TREE GRATE REVISION

DATE 10/15/2014

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SCALE: NTS

SKETCH NO.
 AD1-SK-L3.5-1



NORTH

PROJECT TITLE

Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE ADDITIONAL EXISTING

UTILITY DEMOLITION

DATE 10/15/2014

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SCALE: 1" = 20'

SKETCH NO.
AD1-SK-C2.0-1



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 WETHERSFIELD, CT. 06109
 860 583 6184

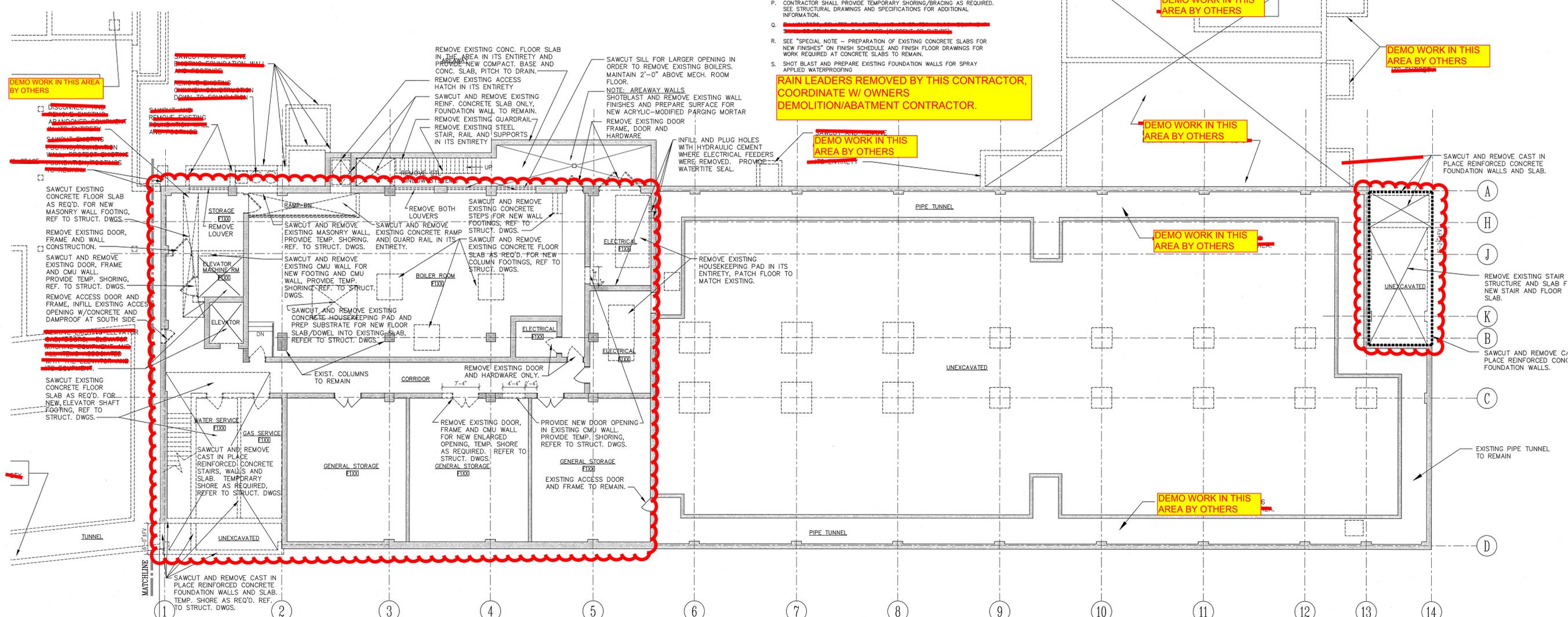
GENERAL DEMOLITION NOTES

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- B. ~~REMOVE EXISTING CONC. FLOOR SLAB IN ENTIRETY AND PROVIDE NEW COMPACT BASE AND CONC. SLAB, PITCH TO DRAIN.~~
- C. ~~REMOVE EXISTING CONC. FLOOR SLAB IN ENTIRETY AND PROVIDE NEW COMPACT BASE AND CONC. SLAB, PITCH TO DRAIN.~~
- D. COORDINATE WITH M.E.P. DWG'S FOR REMOVALS AND DISCONNECTS OF WATER, GAS, ELECTRIC, ETC. REQUIRED FOR COMPLETION OF ALL WORK.
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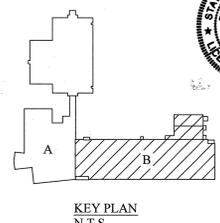


AD1-SK-D1.0B - 10/15/2014

CONSTRUCTION DOCUMENTS

DEMOLITION BASEMENT PLAN - NORTH

SCALE: 1/8"=1'-0"
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DRAWING TITLE BASEMENT DEMOLITION PLAN - NORTH		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES	
REVISIONS mark date description		DRAWING PREPARED BY MOSER PILON NELSON ARCHITECTS 30 JORDAN LANE WETHERSFIELD, CONNECTICUT	
PROJECT Naugatuck Valley Community College Founders Hall Renovations for Allied Health and Nursing Waterbury, Connecticut		DATE 01/14/14 SCALE AS SHOWN	
CAD no.		PROJECT no. BI-CTC-442	
DRAWN BY MDM		CHECKED BY RBB	
PROJECT no.		DRAWING no. D1.0B	

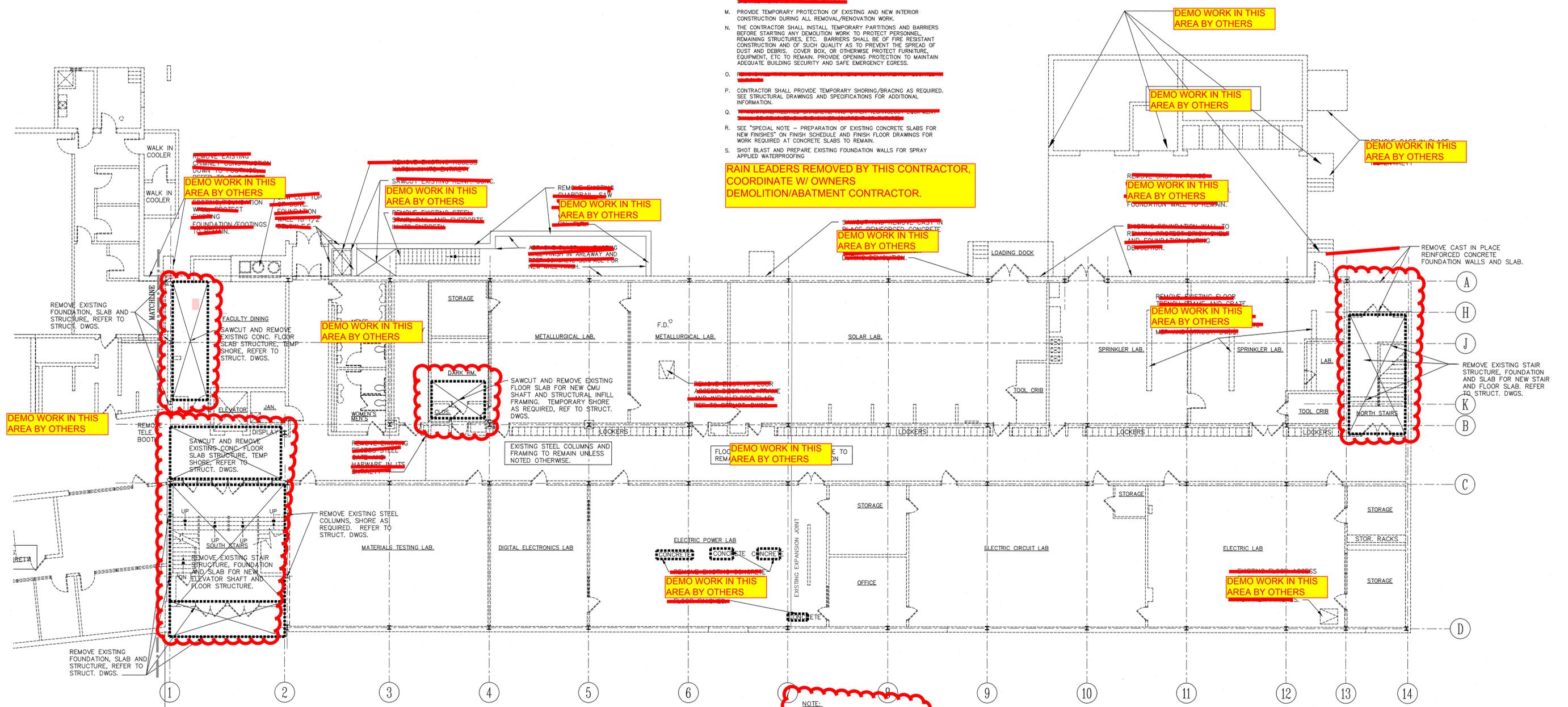
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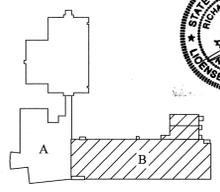
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RAIN LEADERS REMOVED BY THIS CONTRACTOR, COORDINATE W/ OWNERS DEMOLITION/ABATEMENT CONTRACTOR.



DEMOLITION MAIN LEVEL PLAN - NORTH

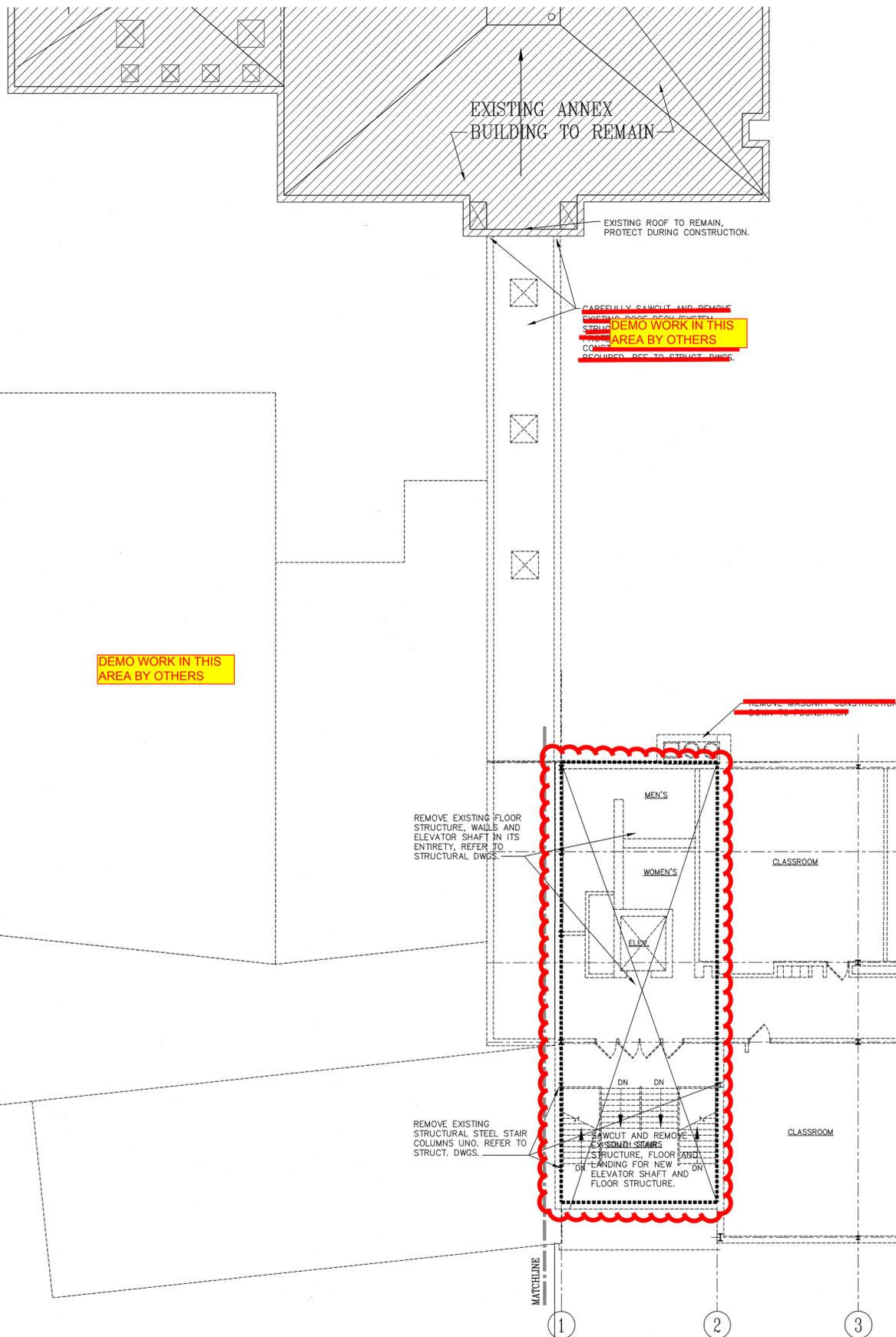
SCALE: 1/8"=1'-0"



AD1-SK-D1.1B - 10/15/2014

CONSTRUCTION DOCUMENTS

Drawing Title: MAIN LEVEL DEMOLITION PLAN - NORTH		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES	
Revisions:		Drawing Prepared By: MOSEY PILON NELSON ARCHITECTS 30 JORDAN LANE WETHERSFIELD, CONNECTICUT	
Project: Naugatuck Valley Community College Founders Hall Renovations for Allied Health and Nursing Waterbury, Connecticut		Date: 8/14/2014 Issue: AS SHOWN	
CAD no.:		Project no.:	
Project no.:		Drawing no.: D1.1B	



DEMOLITION ROOF & THIRD FLOOR PLAN - SOUTH
 SCALE: 1/8"=1'-0"



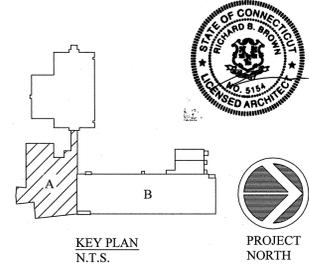
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RAIN LEADERS REMOVED BY THIS CONTRACTOR, COORDINATE W/ OWNERS DEMOLITION/ABATEMENT CONTRACTOR.

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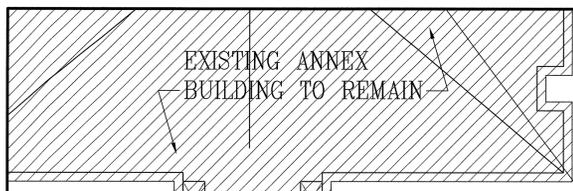
AD1-SK-D1.3A - 10/15/2014

CONSTRUCTION DOCUMENTS



REVISIONS		DRAWING PREPARED BY		DATE	
mark	date	description	DATE	BY	DATE

DRAWING PREPARED BY MOSER PILON NELSON ARCHITECTS 30 JORDAN LANE WETHERSFIELD, CONNECTICUT		DATE 10/14/14 AS SHOWN
PROJECT Naugatuck Valley Community College Founders Hall Renovations for Allied Health and Nursing Waterbury, Connecticut		DRAWN BY MDM APPROVED BY RBB DRAWING NO. D1.3A
CAD no.	project no.	BI-CTC-442



EXISTING ANNEX BUILDING TO REMAIN

EXISTING ROOF TO REMAIN, PROTECT DURING DEMOLITION

REMOVE EXISTING AND REMOVE SHORING
DEMO WORK IN THIS AREA BY OTHERS

DEMO WORK IN THIS AREA BY OTHERS

REMOVE MAJOR CONSTRUCTION DOWN TO FOUNDATION

REMOVE EXISTING FLOOR STRUCTURE, WALLS AND ELEVATOR SHAFT IN ITS ENTIRETY, REFER TO STRUCT. DWGS.

SAWCUT AND REMOVE EXISTING FLOOR SLAB AND BAR JOIST ASSEMBLY FOR NEW SHAFT AND STRUCTURAL INFILL FRAMING. TEMPORARY SHORE AS REQUIRED, REF TO STRUCT. DWGS.

FLOOR REMAINS TO
DEMO WORK IN THIS AREA BY OTHERS

REMOVE EXISTING STRUCTURAL STEEL STAIR COLUMNS UNO, REFER TO STRUCT. DWGS.

SAWCUT AND REMOVE EXISTING STRUCTURE, FLOOR AND LANDING FOR NEW ELEVATOR SHAFT AND FLOOR STRUCTURE.

SAWCUT AND REMOVE EXISTING STAIR STRUCTURE AND FLOOR LANDING AND FLOOR STRUCTURE. REF TO STRUCT. DWGS.

SAWCUT AND REMOVE EXISTING FLOOR DECK, BARJOISTS AND CMU WALL. SHORE EXISTING STRUCTURE TO REMAIN, REFER TO STRUCT. DWGS.

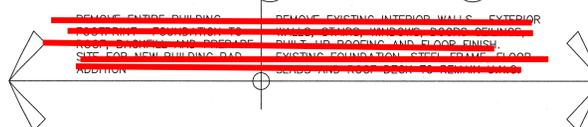
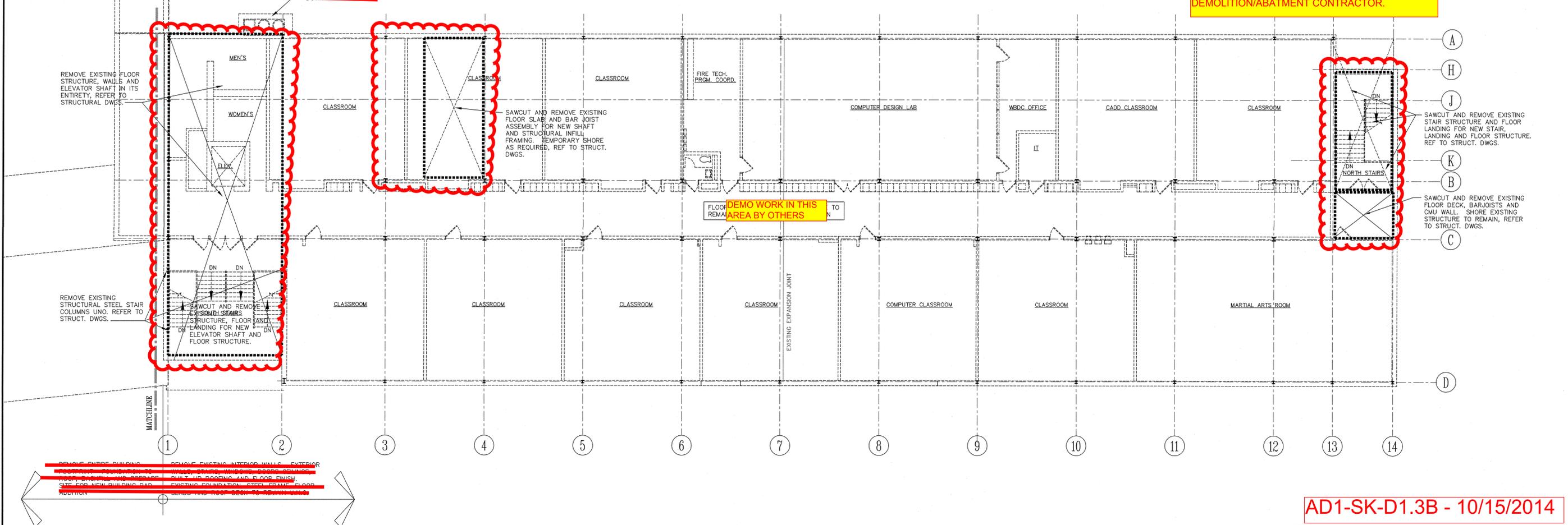
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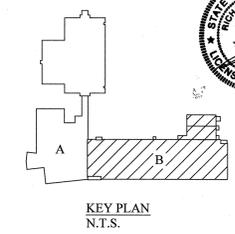
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- Q. ~~REMOVE EXISTING INTERIOR WALLS AND PARTITIONS~~
- R. SEE "SPECIAL NOTE - PREPARATION OF EXISTING CONCRETE SLABS FOR NEW FINISHES" ON FINISH SCHEDULE AND FINISH FLOOR DRAWINGS FOR WORK REQUIRED AT CONCRETE SLABS TO REMAIN.
- S. SHOT BLAST AND PREPARE EXISTING FOUNDATION WALLS FOR SPRAY APPLIED WATERPROOFING.

SALVAGE/REMOVAL BY OWNER PRIOR TO CONSTRUCTION START:

- 1. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 2. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 3. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 4. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 5. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 6. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 7. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 8. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 9. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 10. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 11. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 12. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 13. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~
- 14. ~~EXISTING INTERIOR WALLS AND PARTITIONS~~



DEMOLITION
 THIRD FLOOR PLAN - NORTH
 SCALE: 1/8"=1'-0"



AD1-SK-D1.3B - 10/15/2014

CONSTRUCTION DOCUMENTS

Drawing the THIRD FLOOR DEMOLITION PLAN - NORTH		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES	
REVISIONS		DRAWING PREPARED BY MOSER PILON NELSON ARCHITECTS 30 JORDAN LANE WETHERSFIELD, CONNECTICUT	
mark	date	description	date
			8/14/14
			AS SHOWN
project Naugatuck Valley Community College Founders Hall Renovations for Allied Health and Nursing Waterbury, Connecticut		drawn by MDM	approved by RBB
CAD no.	project no.	drawing no.	D1.3B
	BI-CTC-442		

EXISTING ANNEX BUILDING TO REMAIN

DEMO WORK IN THIS AREA BY OTHERS

GENERAL DEMOLITION NOTES

- A. NOTES SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE GENERAL IN NATURE. IT IS NOT THE INTENT TO POINT TO EACH AND EVERY ITEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL ELEMENTS OF EACH ITEM NOTED AND/OR SHOWN AS REQUIRED TO PROVIDE COMPLETED WORK IN ACCORDANCE WITH ALL CONTRACT DOCUMENTS. SEE DRAWING INFORMATION SHEET FOR GENERAL NOTES AND ABBREVIATIONS.
- B. ~~REMOVE EXISTING ROOF INSULATION, DECK AND ROOF FRAMING TO REMAIN, PROJECT DURING DEMOLITION.~~
- C. ANY EQUIPMENT NOTED TO BE "STORED" BY GENERAL CONTRACTOR IS TO BE PROTECTED FROM DUST, DAMAGE, CONSTRUCTION ACTIVITIES, ETC.
- D. COORDINATE WITH M.E.P. DWG'S FOR REMOVALS AND DISCONNECTS OF WATER, GAS, ELECTRIC, ETC. REQUIRED FOR COMPLETION OF ALL WORK.
- E. ALL AREAS AFFECTED BY DEMOLITION OF EXISTING CONSTRUCTION SHALL BE PATCHED TO MATCH EXISTING CONSTRUCTION UNLESS NOTED OTHERWISE.
- F. ALL PIPES AND CONDUITS SHALL BE CAPPED INSIDE WALLS OUT OF VIEW. THESE LOCATIONS SHALL THEN BE PATCHED TO MATCH EXISTING CONSTRUCTION UNLESS NOTED OTHERWISE.
- G. ~~REMOVE EXISTING ROOF INSULATION, DECK AND ROOF FRAMING TO REMAIN, PROJECT DURING DEMOLITION.~~
- H. COORDINATE WITH M.E.P. DWG'S FOR ALL NEW THROUGH-WALL/ ROOF/FLOOR PIPING, CONDUIT, AND DUCTWORK. CUT AND REMOVE EXISTING CONSTRUCTION AS REQUIRED AND PATCH TO MATCH EXISTING CONSTRUCTION UNLESS OTHERWISE NOTED. SEAL OPENINGS PER PENETRATION DETAILS.
- I. THE NOTE "DOOR/FRAME TO BE REMOVED" IMPLIES THAT THE ENTIRE SYSTEM IS TO BE REMOVED INCLUSIVE OF ANY TRANSOMS, SIDELITES, ANCHORS, ETC. PATCH ALL SURFACES TO MATCH EXISTING UNLESS OTHERWISE NOTED.
- J. ~~REMOVE EXISTING ROOF INSULATION, DECK AND ROOF FRAMING TO REMAIN, PROJECT DURING DEMOLITION.~~
- K. SEE OTHER DEMOLITION NOTES CONTAINED IN MECHANICAL, ELECTRICAL, STRUCTURAL & SITE RELATED DWG'S.
- L. ~~REMOVE EXISTING ROOF INSULATION, DECK AND ROOF FRAMING TO REMAIN, PROJECT DURING DEMOLITION.~~
- M. PROVIDE TEMPORARY PROTECTION OF EXISTING AND NEW INTERIOR CONSTRUCTION DURING ALL REMOVAL/RENOVATION WORK.
- N. THE CONTRACTOR SHALL INSTALL TEMPORARY PARTITIONS AND BARRIERS BEFORE STARTING ANY DEMOLITION WORK TO PROTECT PERSONNEL, REMAINING STRUCTURES, ETC. BARRIERS SHALL BE OF FIRE RESISTANT CONSTRUCTION AND OF SUCH QUALITY AS TO PREVENT THE SPREAD OF DUST AND DEBRIS. COVER BOX, OR OTHERWISE PROTECT FURNITURE, EQUIPMENT, ETC TO REMAIN. PROVIDE OPENING PROTECTION TO MAINTAIN ADEQUATE BUILDING SECURITY AND SAFE EMERGENCY EGRESS.
- O. ~~REMOVE EXISTING ROOF INSULATION, DECK AND ROOF FRAMING TO REMAIN, PROJECT DURING DEMOLITION.~~
- P. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING/BRACING AS REQUIRED. SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- Q. ~~REMOVE EXISTING ROOF INSULATION, DECK AND ROOF FRAMING TO REMAIN, PROJECT DURING DEMOLITION.~~
- R. SEE "SPECIAL NOTE - PREPARATION OF EXISTING CONCRETE SLABS FOR NEW FINISHES" ON FINISH SCHEDULE AND FINISH FLOOR DRAWINGS FOR WORK REQUIRED AT CONCRETE SLABS TO REMAIN.
- S. SHOT BLAST AND PREPARE EXISTING FOUNDATION WALLS FOR SPRAY APPLIED WATERPROOFING.

GENERAL ROOF NOTES:

- 1. COORDINATE W/ MEP DRAWINGS FOR ADDITIONAL ROOF LEVEL WORK & PENETRATIONS. SEE MECH. DRAWINGS FOR AHU AND RTU SCHEDULES.
- 2. ALL ROOFING SHALL BE CONSTRUCTED IN ACCORDANCE W/ DETAILS OF THE NATIONAL ROOFING CONTRACTOR'S ROOFING AND WATERPROOFING MANUAL (NRCA), FOURTH EDITION, OR THE ARCHITECTURAL SHEET METAL MANUAL, FIFTH EDITION, SHEET METAL & AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION (SMACNA) OR THE COPPER DEVELOPMENT ASSOCIATION (CDA).
- 3. PROVIDE TAPERED INSULATION CRICKETS AT ALL NEW ROOF-MOUNTED EQUIPMENT. PROVIDE 1/2" PER FOOT POSITIVE DRAINAGE AWAY FROM CURB TO ROOF DRAIN LOCATIONS, TYP.
- 4. COORDINATE ALL OPENINGS & PENETRATIONS THROUGH WALL AND SLABS PRIOR TO WORK.
- 5. PROVIDE WALKWAY PADS AT ACCESS AREAS FOR ROOF TOP EQUIPMENT, TYP.
- 6. REFER TO ROOF PLAN FOR ROOF ASSEMBLIES, REPAIR OF NEW AND EXISTING ROOF DECK AND INFILL PATCHING OF OPENINGS, TYP.
- 7. EXISTING AIR TERMINALS (LIGHTNING PROTECTION) REPLACED BY NEW PENETRATIONS SHALL BE PATCHED TO MATCH EXISTING ROOF SYSTEM, COORDINATE WITH SPEC. SECTION 13100.
- 8. COORDINATE AIR TERMINAL (LIGHTNING PROTECTION) LOCATIONS WITH DWG EB.1 AND SPEC. SECTION 13100.

RAIN LEADERS REMOVED BY THIS CONTRACTOR, COORDINATE W/ OWNERS DEMOLITION/ABATEMENT CONTRACTOR.

EXISTING ROOF CUT
5"-APPROX. ASSEMBLY TO DECK
1-2" - TAR+GRAVEL
1/2" - COVER BOARD
3" - POLY ISO INSULATION
-VAPOR BARRIER
-SLIP SHEET
-3" INSULROCK/TECTUM DECK

EXISTING ROOF CUT
5"-APPROX. ASSEMBLY TO DECK
1-2" - TAR+GRAVEL
1/2" - COVER BOARD
3" - POLY ISO INSULATION
-VAPOR BARRIER
-SLIP SHEET
-3" INSULROCK/TECTUM DECK

EXISTING ROOF CUT
5"-APPROX. ASSEMBLY TO DECK
1-2" - TAR+GRAVEL
1/2" - COVER BOARD
3" - POLY ISO INSULATION
-VAPOR BARRIER
-SLIP SHEET
-3" INSULROCK/TECTUM DECK

SAWCUT AND REMOVE EXISTING ROOF DECK AND BAR JOIST ASSEMBLY FOR NEW SHAFT AND STRUCTURAL INFILL FRAMING. TEMPORARY SHORE AS REQUIRED, REF TO STRUCT. DWGS.

SAWCUT AND REMOVE EXISTING REINFORCED CONCRETE ROOF STRUCTURE.

SAWCUT AND REMOVE EXISTING ROOF DECK AND BAR JOIST ASSEMBLY. TEMPORARY SHORE AS REQUIRED, REF TO STRUCT. DWGS FOR ADDITIONAL INFORMATION.

REMOVE EXISTING ELEVATOR ROOF/SHAFT OVERIDE/HOIST BEAM AND ELEVATOR EQUIPMENT IN ITS ENTIRETY.

REMOVE EXISTING ROOF HATCH/CURB AND LADDER.

SAWCUT AND REMOVE EXISTING ROOF DECK AND BAR JOIST ASSEMBLY FOR NEW SHAFT AND STRUCTURAL INFILL FRAMING. TEMPORARY SHORE AS REQUIRED, REF TO STRUCT. DWGS.

ROOF INSULROCK DECK AND ROOF FRAMING TO REMAIN, PROJECT DURING DEMOLITION

SAWCUT AND REMOVE EXISTING REINFORCED CONCRETE ROOF STRUCTURE.

EXISTING ROOF CUT
5"-APPROX. ASSEMBLY TO DECK
1-2" - TAR+GRAVEL
1/2" - COVER BOARD
3" - POLY ISO INSULATION
-VAPOR BARRIER
-SLIP SHEET
-3" INSULROCK/TECTUM DECK

EXISTING ROOF CUT
5"-APPROX. ASSEMBLY TO DECK
1-2" - TAR+GRAVEL
1/2" - COVER BOARD
3" - POLY ISO INSULATION
-VAPOR BARRIER
-SLIP SHEET
-3" INSULROCK/TECTUM DECK

EXISTING ROOF CUT
5"-APPROX. ASSEMBLY TO DECK
1-2" - TAR+GRAVEL
1/2" - COVER BOARD
3" - POLY ISO INSULATION
-VAPOR BARRIER

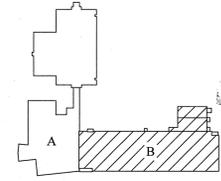
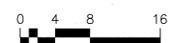
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AD1-SK-D1.4B - 10/15/2014

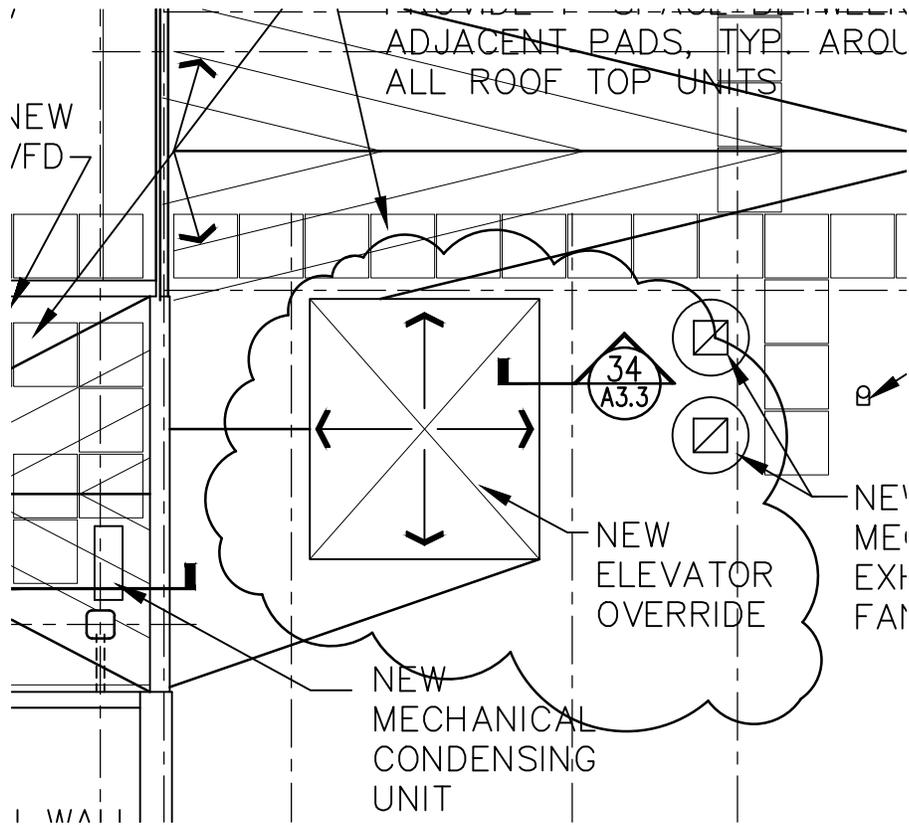
CONSTRUCTION DOCUMENTS

DEMOLITION ROOF PLAN - NORTH

SCALE: 1/8"=1'-0"



Drawing Title ROOF DEMOLITION PLAN - NORTH		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES	
REVISIONS		DRAWING PREPARED BY MOSEY PILON NELSON ARCHITECTS 30 JORDAN LANE WETHERSFIELD, CONNECTICUT	Date 07/14/14 Scale AS SHOWN
mark	date	description	approved by MDM approved by RBB drawing no. D1.4B
CAD no.		project no.	BL-CTC-442



1
A1.4B **ROOF PLAN - NORTH**
SCALE: 1/8"=1'-0"



PROJECT TITLE
Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

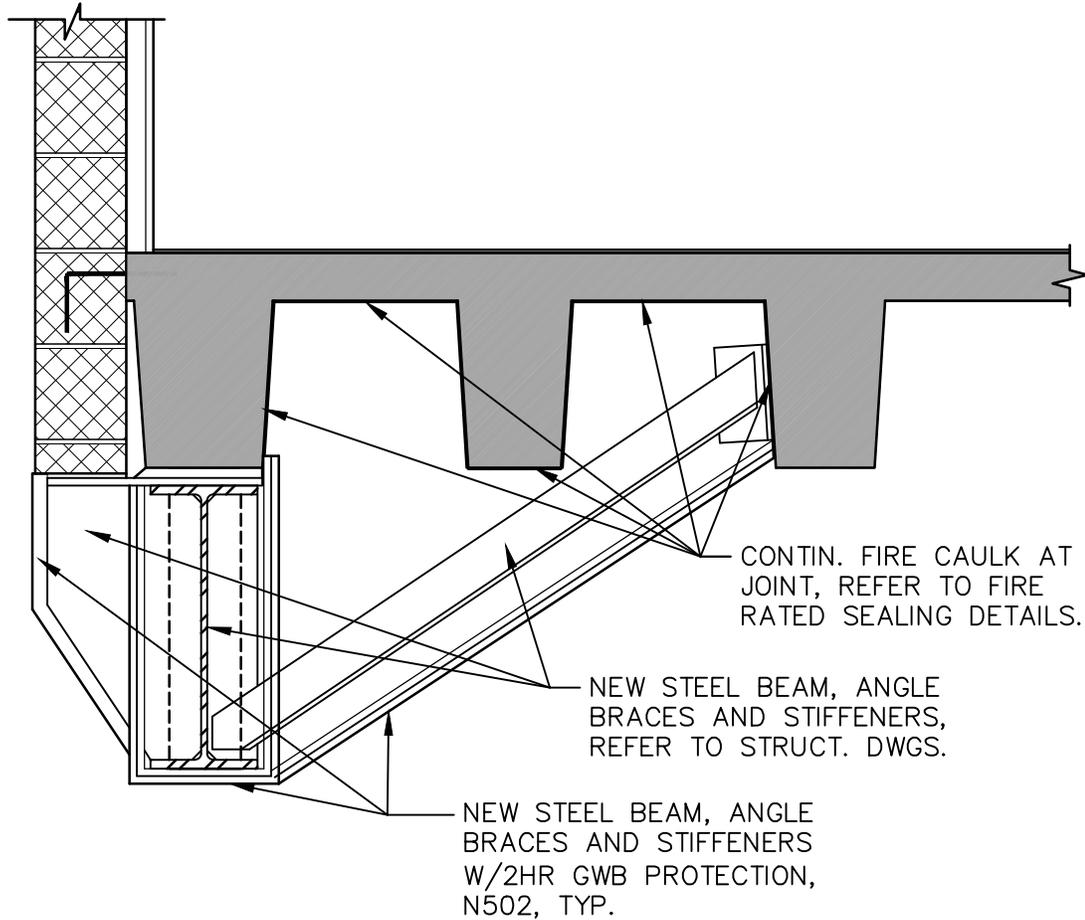
SKETCH TITLE
ROOF PLAN AT ELEVATOR

DATE 10/15/2014

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SCALE: AS NOTED

SKETCH NO.
AD1-SK-1/A1.4B



20B
A2.10

DETAIL THRU FLOOR FRAMING

SCALE: 3/4"=1'-0"

@ MECH. CHASE



PROJECT TITLE

Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE

DETAIL THRU FLOOR FRAMING

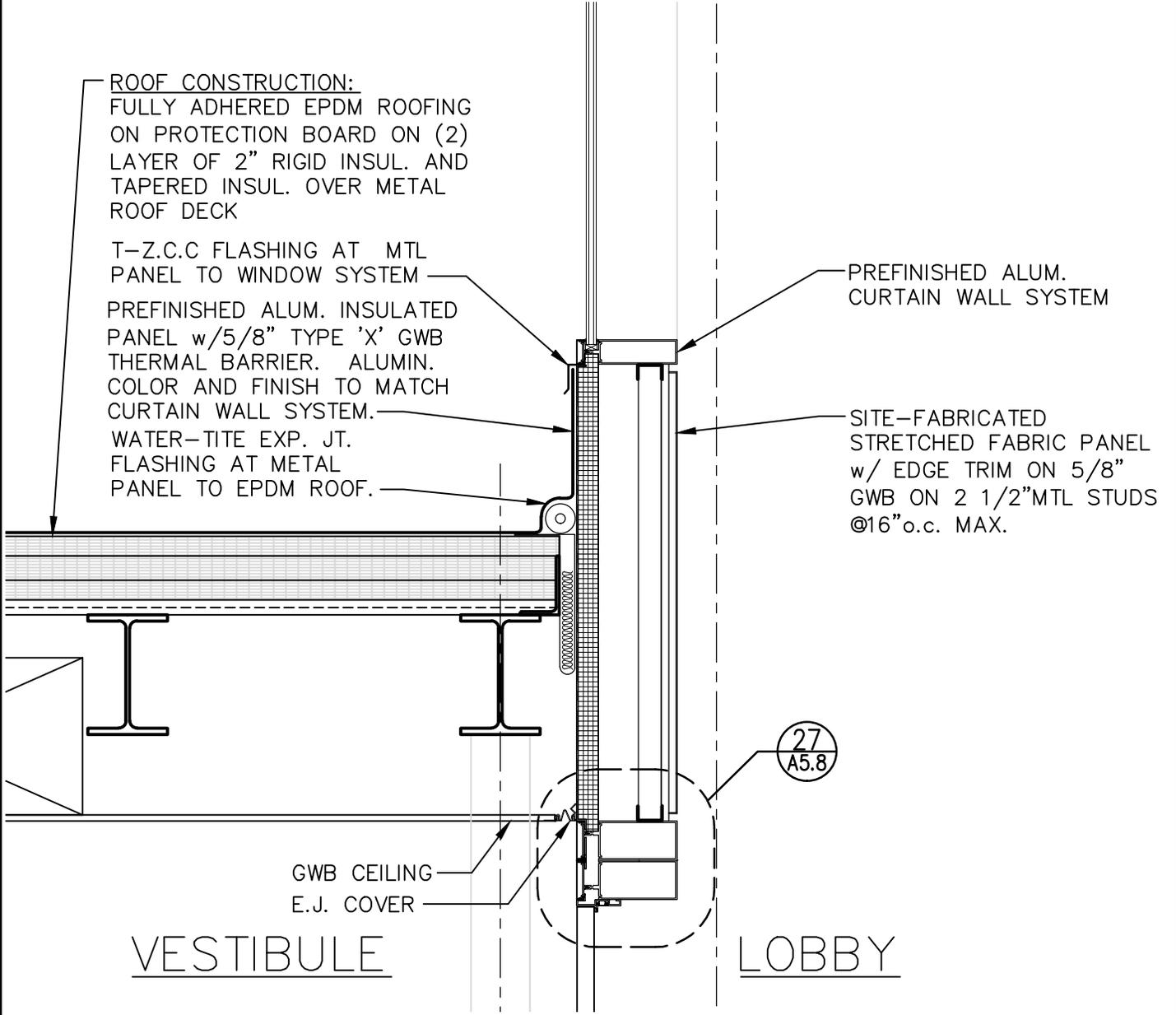
@ MECH. CHASE

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SCALE: AS NOTED

SKETCH NO.
AD1-SK-20B/A2.10



ROOF CONSTRUCTION:
 FULLY ADHERED EPDM ROOFING
 ON PROTECTION BOARD ON (2)
 LAYER OF 2" RIGID INSUL. AND
 TAPERED INSUL. OVER METAL
 ROOF DECK

T-Z.C.C FLASHING AT MTL
 PANEL TO WINDOW SYSTEM

PREFINISHED ALUM. INSULATED
 PANEL w/5/8" TYPE 'X' GWB
 THERMAL BARRIER. ALUMIN.
 COLOR AND FINISH TO MATCH
 CURTAIN WALL SYSTEM.

WATER-TITE EXP. JT.
 FLASHING AT METAL
 PANEL TO EPDM ROOF.

PREFINISHED ALUM.
 CURTAIN WALL SYSTEM

SITE-FABRICATED
 STRETCHED FABRIC PANEL
 w/ EDGE TRIM ON 5/8"
 GWB ON 2 1/2"MTL STUDS
 @16"o.c. MAX.

GWB CEILING
 E.J. COVER

VESTIBULE

LOBBY

27
 A5.8



PROJECT TITLE
 Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing

PROJECT NO BI-CTC-442
 SKETCH TITLE

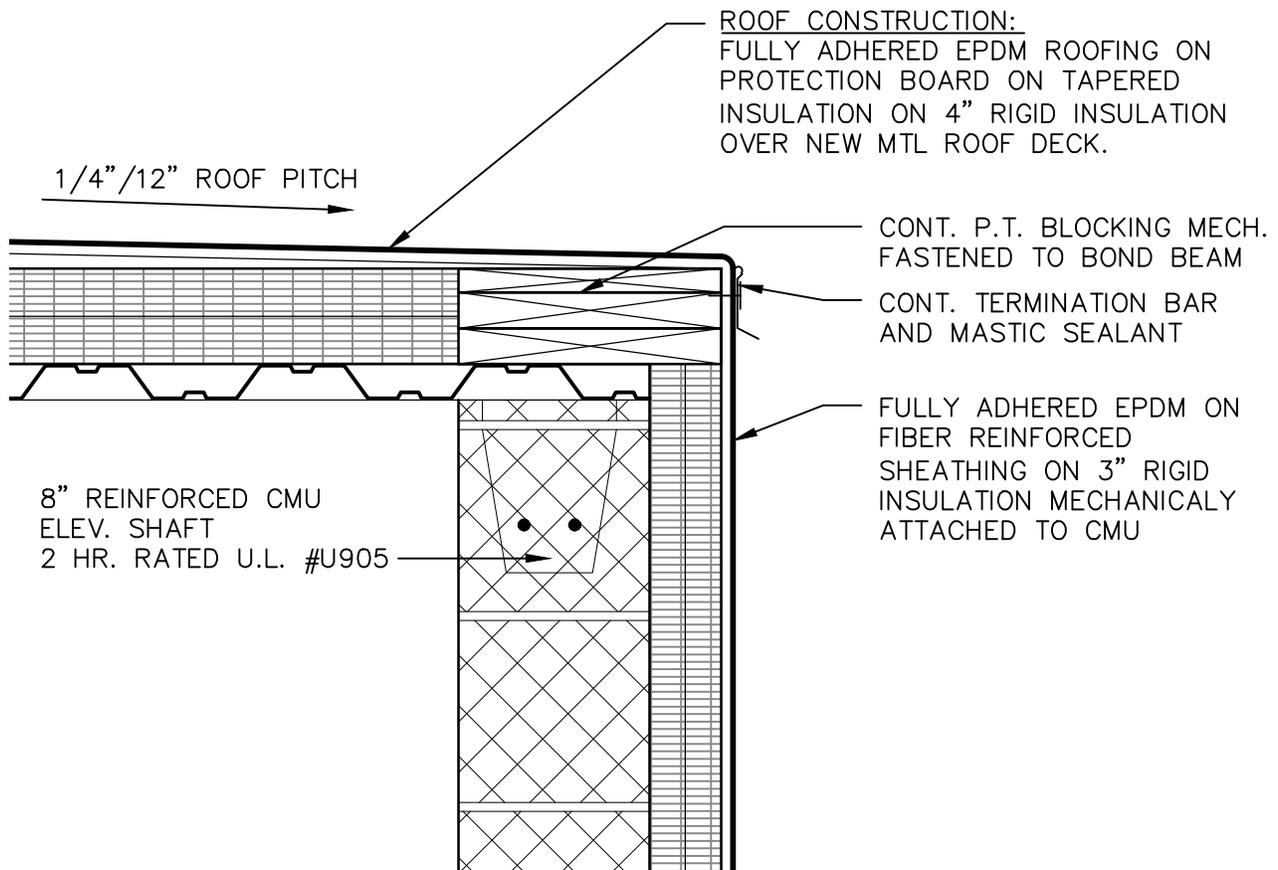
METAL PANEL ABOVE ENTRY DOORS

DATE 10/15/2014

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SCALE: AS NOTED

SKETCH NO.
 AD1-SK-25/A2.12



34
A3.3

ROOF DETAIL AT ELEV. OVERRIDE

SCALE: 1 1/2" = 1'-0"

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architects**

30 JORDAN LANE
WETHERFIELD, CT. 06109
860 583 6164

PROJECT TITLE

Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE

ROOF DETAIL

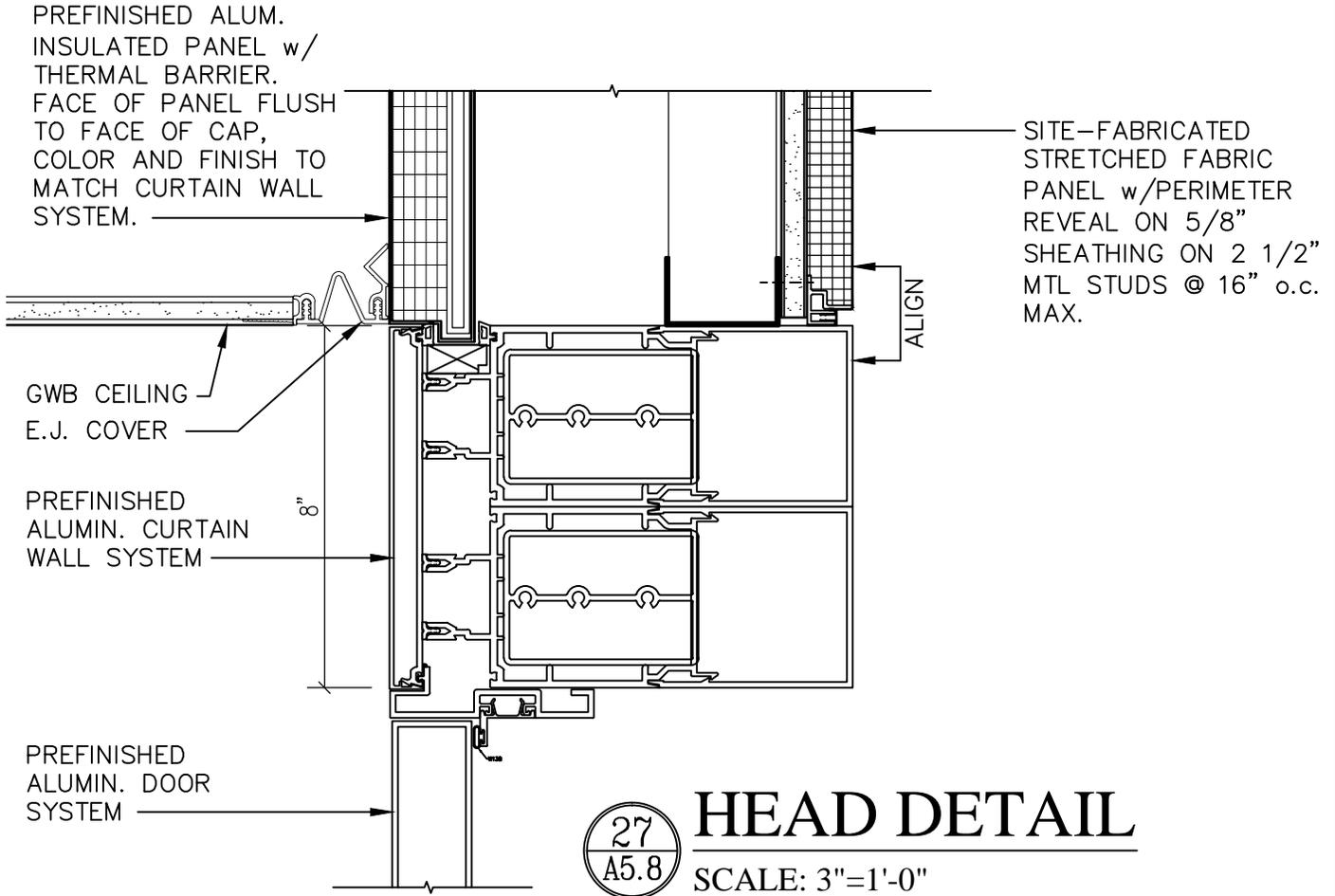
@ ELEVATOR OVERRIDE

DATE 10/15/2014

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SCALE: AS NOTED

SKETCH NO.
AD1-SK-34/A3.3



27
A5.8

HEAD DETAIL

SCALE: 3"=1'-0"



PROJECT TITLE
**Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing**

PROJECT NO BI-CTC-442

SKETCH TITLE

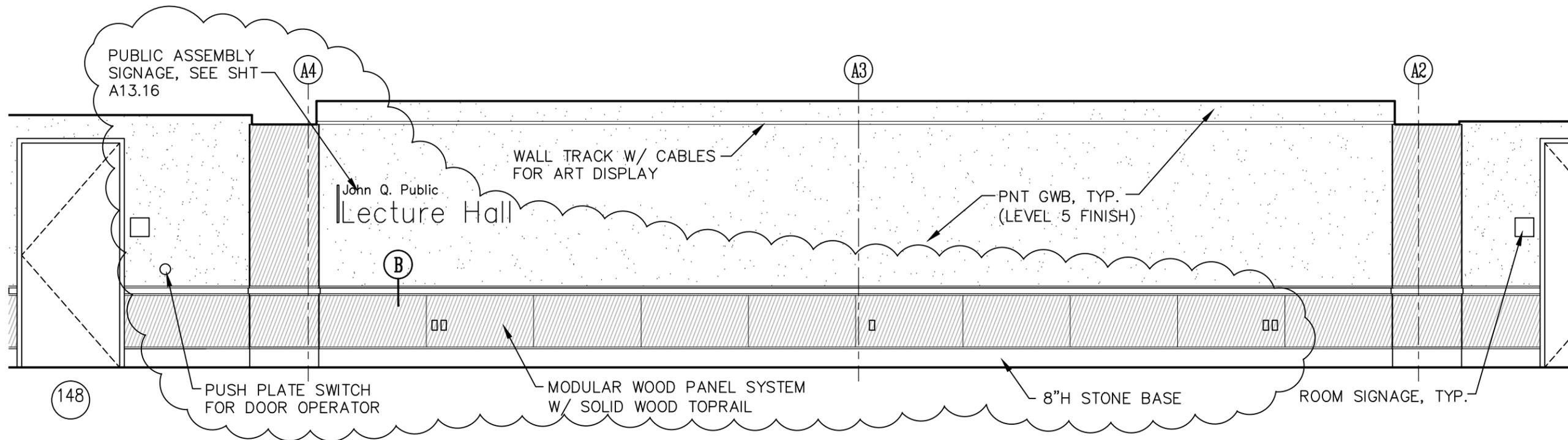
HEAD DETAIL @ VESTIBULE ENTRY

DATE **10/15/2014**

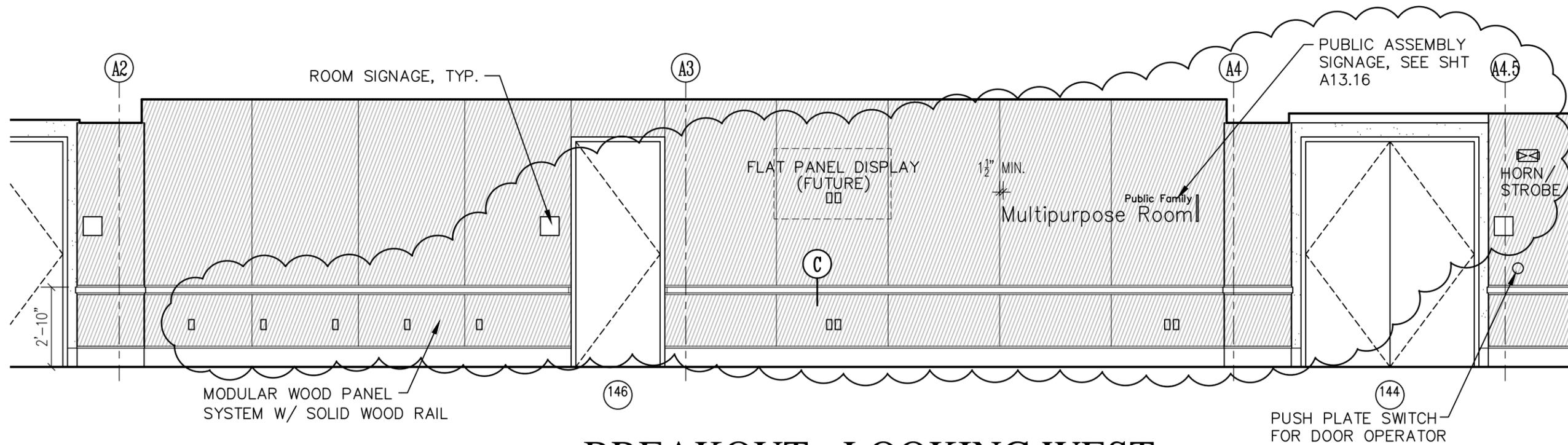
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SCALE: **AS NOTED**

SKETCH NO.
AD1-SK-27/A5.8



9 **BREAKOUT - LOOKING EAST**
 A8.3 SCALE: 1/4"=1'-0"



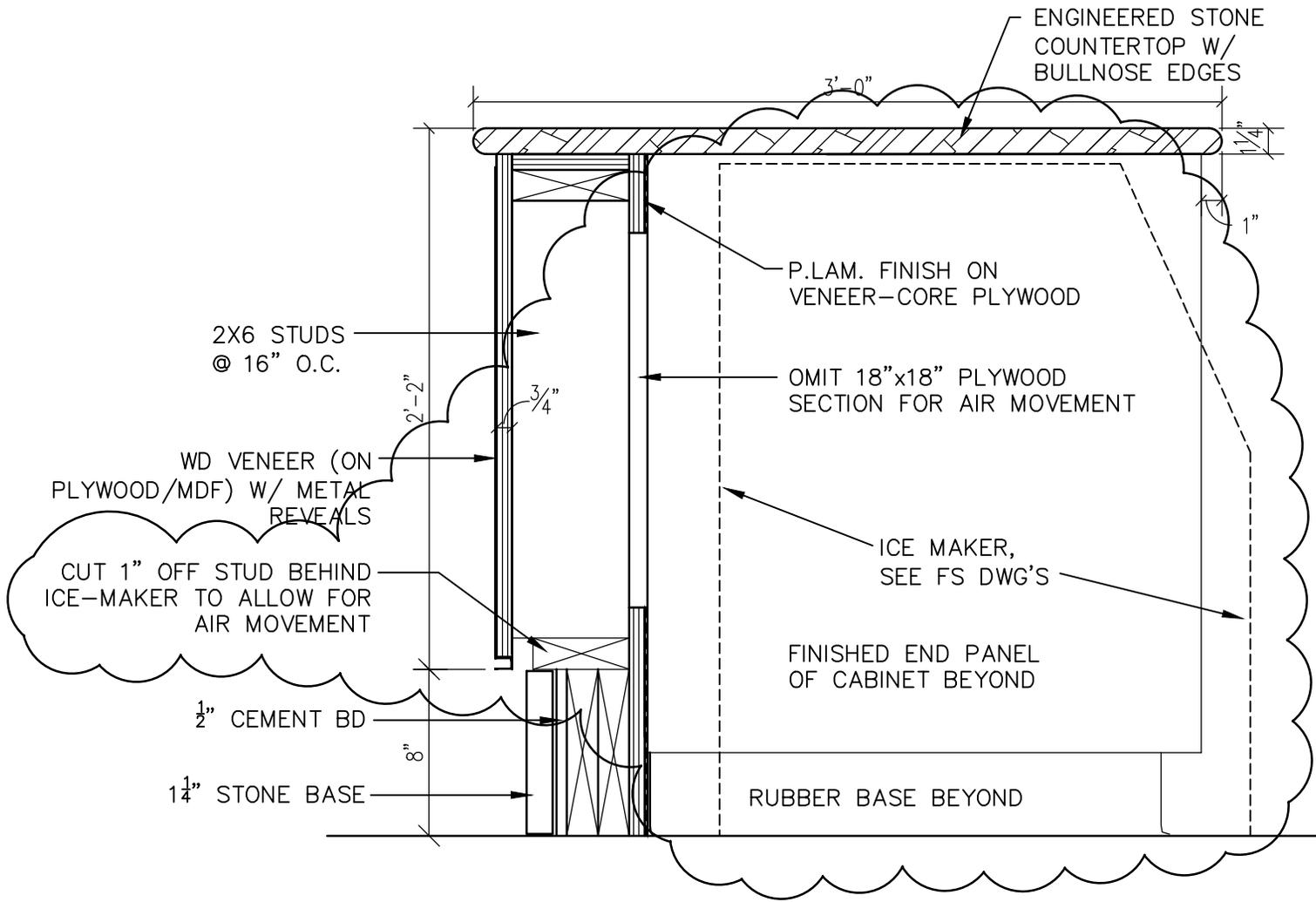
11 **BREAKOUT - LOOKING WEST**
 A8.3 SCALE: 1/4"=1'-0"

DATE 10/15/2014
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 SCALE: AS NOTED
 SKETCH NO. AD1-SK-A8.3

PROJECT TITLE Naugatuck Valley Community College Founders Hall Renovations for Allied Health and Nursing
 PROJECT NO BI-CTC-442

SKETCH TITLE REVISED INTERIOR ELEVATIONS AT BREAKOUT
 TO INCORPORATE SIGNAGE





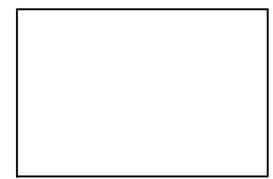
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 SCALE: AS NOTED
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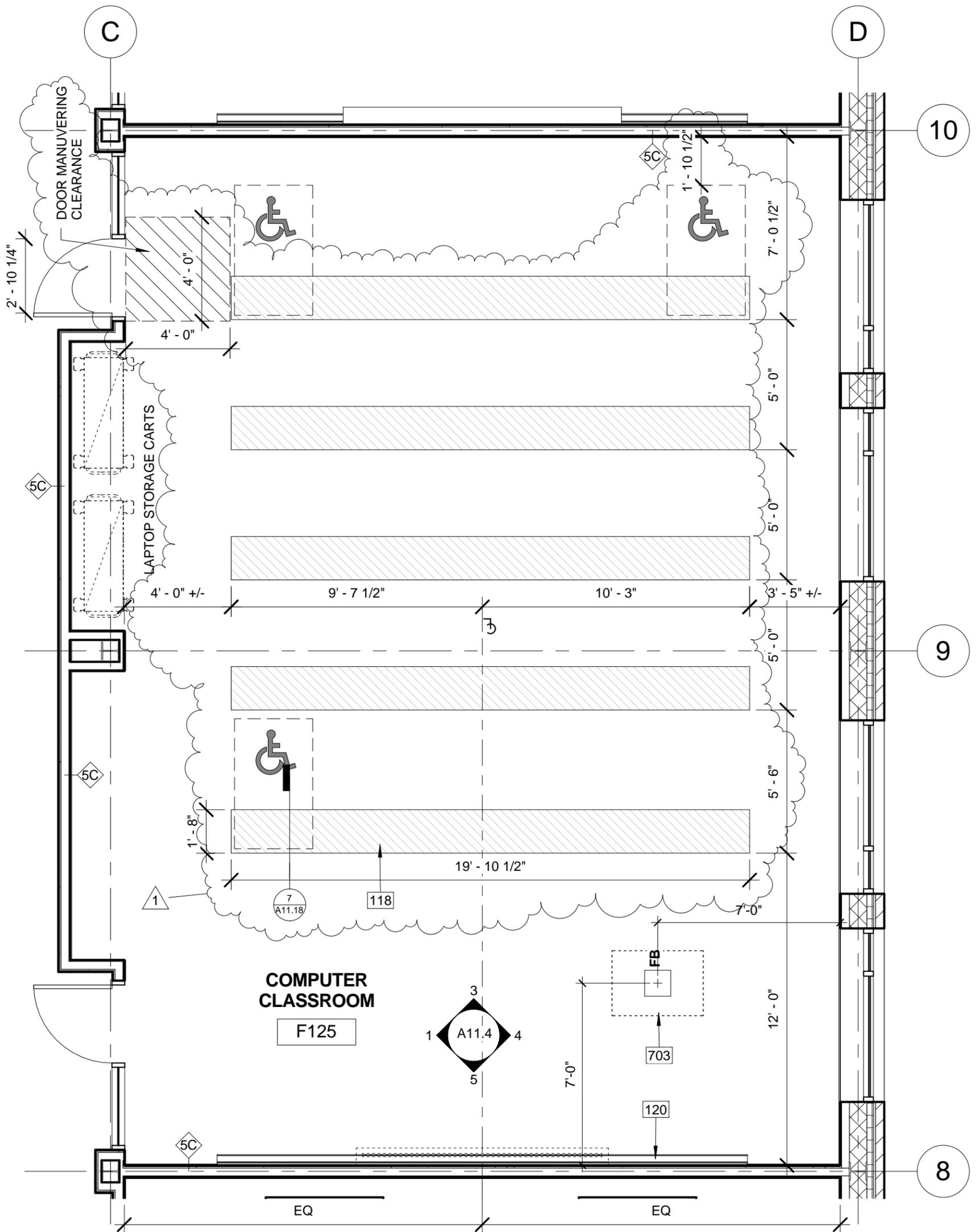
PROJECT TITLE Naugatuck Valley Community College Founders Hall Renovations for Allied Health and Nursing
 PROJECT NO BI-CTC-442
 SKETCH TITLE REVISED SECTION THRU FOOD SERVICE COUNTER AT ICE MAKER

moser pilon nelson architects
350 CORPORATE BLVD
 WETHERFIELD, CT 06099
 PHN: 383.6784

26
 A10.3

FOOD SERVICE COUNTER
 SCALE: 1 1/2" = 1'-0"



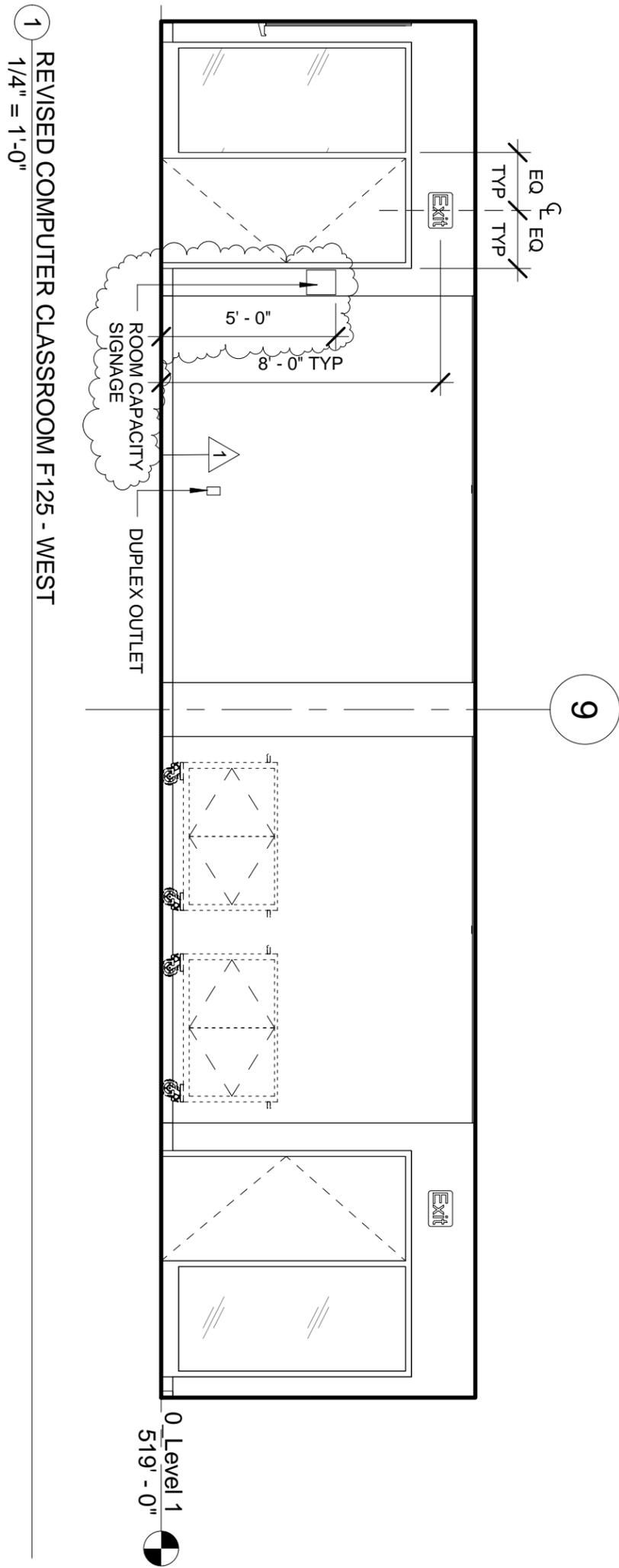


1 REVISED LARGE SCALE PLAN - COMPUTER CLASSROOM F125
 1/4" = 1'-0"



PROJECT TITLE Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing
 PROJECT NO BI-CTC-442
 SKETCH TITLE REVISED COMPUTER CLASSROOM F125

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 SKETCH NO.
 AD1-SKA-11.4-1



PROJECT TITLE **Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing**

PROJECT NO **BI-CTC-442**

SKETCH TITLE **REVISED COMPUTER CLASSROOM F125**

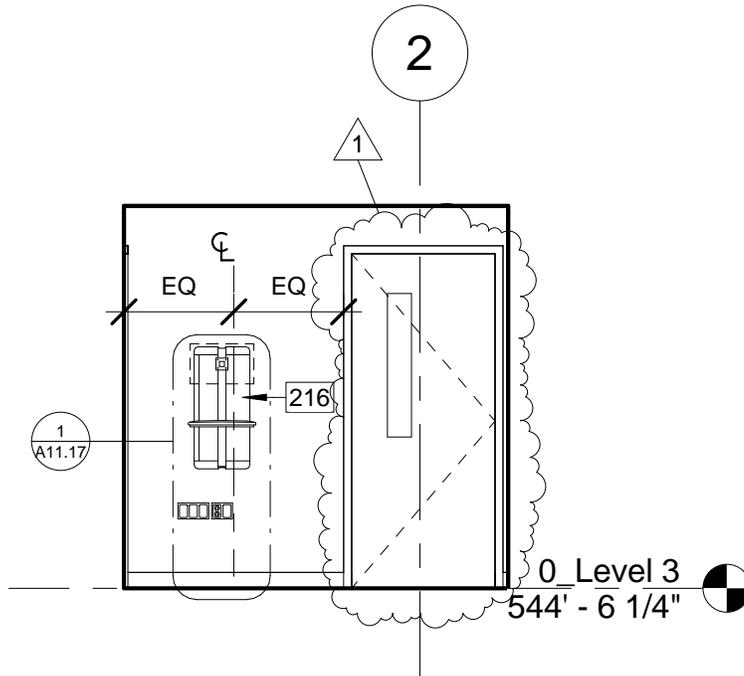
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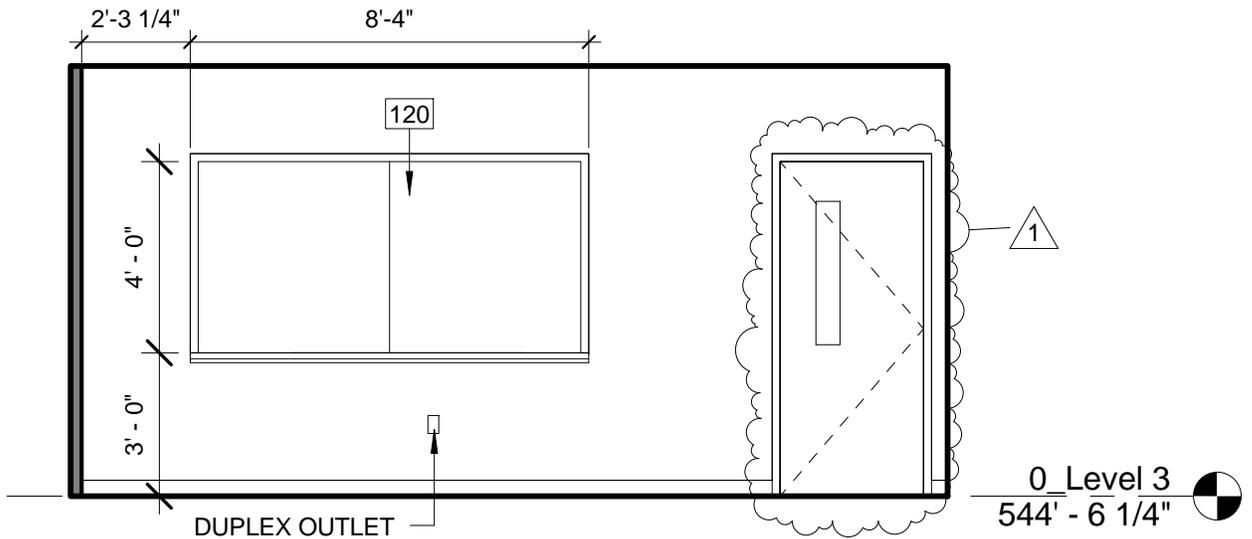
SCALE: **AS NOTED**

SKETCH NO.

AD1-SKA-11.4-2



① REVISED HPS LAB WAITING - WEST
1/4" = 1'-0"



② REVISED NURSING HPS DEBRIEF - EAST
1/4" = 1'-0"



PROJECT TITLE
Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE
REVISED INTERIOR ELEVATIONS

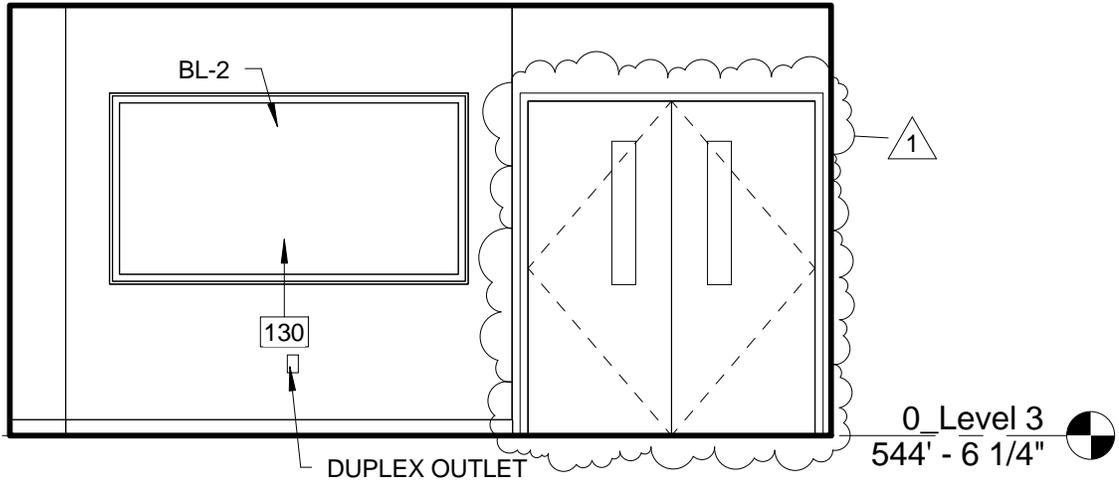
DATE 10/15/2014

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SCALE: AS NOTED

SKETCH NO.

AD1-SKA-11.12-1



① REVISED SURG TECH OR - SOUTH
 1/4" = 1'-0"



PROJECT TITLE
**Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing**

PROJECT NO BI-CTC-442

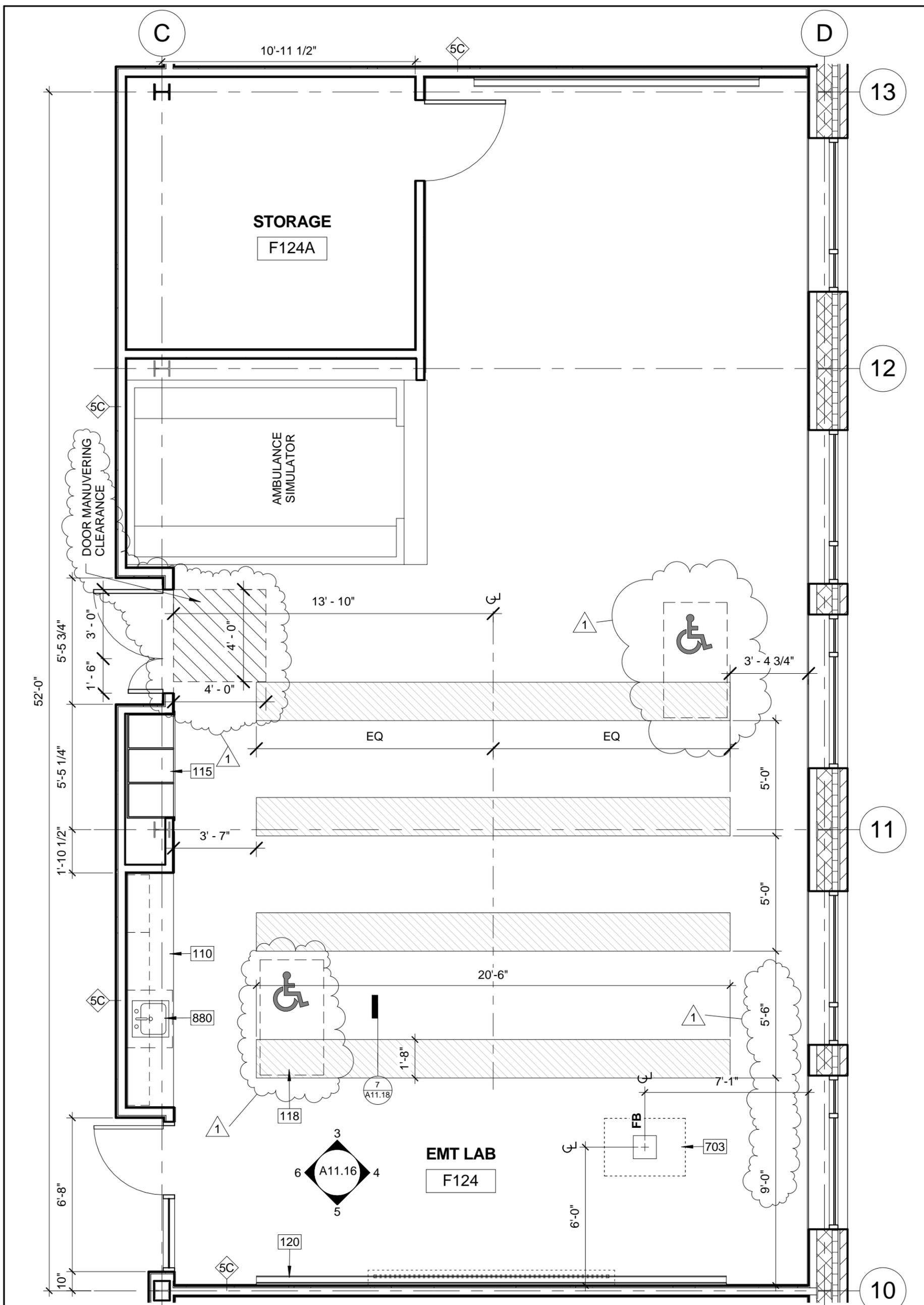
SKETCH TITLE REVISED INTERIOR ELEVATION

DATE 10/15/2014

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SCALE: AS NOTED

SKETCH NO.
AD1-SKA-11.13-1



1 REVISED LARGE SCALE PLAN - EMT
 1/4" = 1'-0"



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PROJECT TITLE **Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing**

PROJECT NO **BI-CTC-442**

SKETCH TITLE **REVISED LARGE SCALE PLAN - EMT**

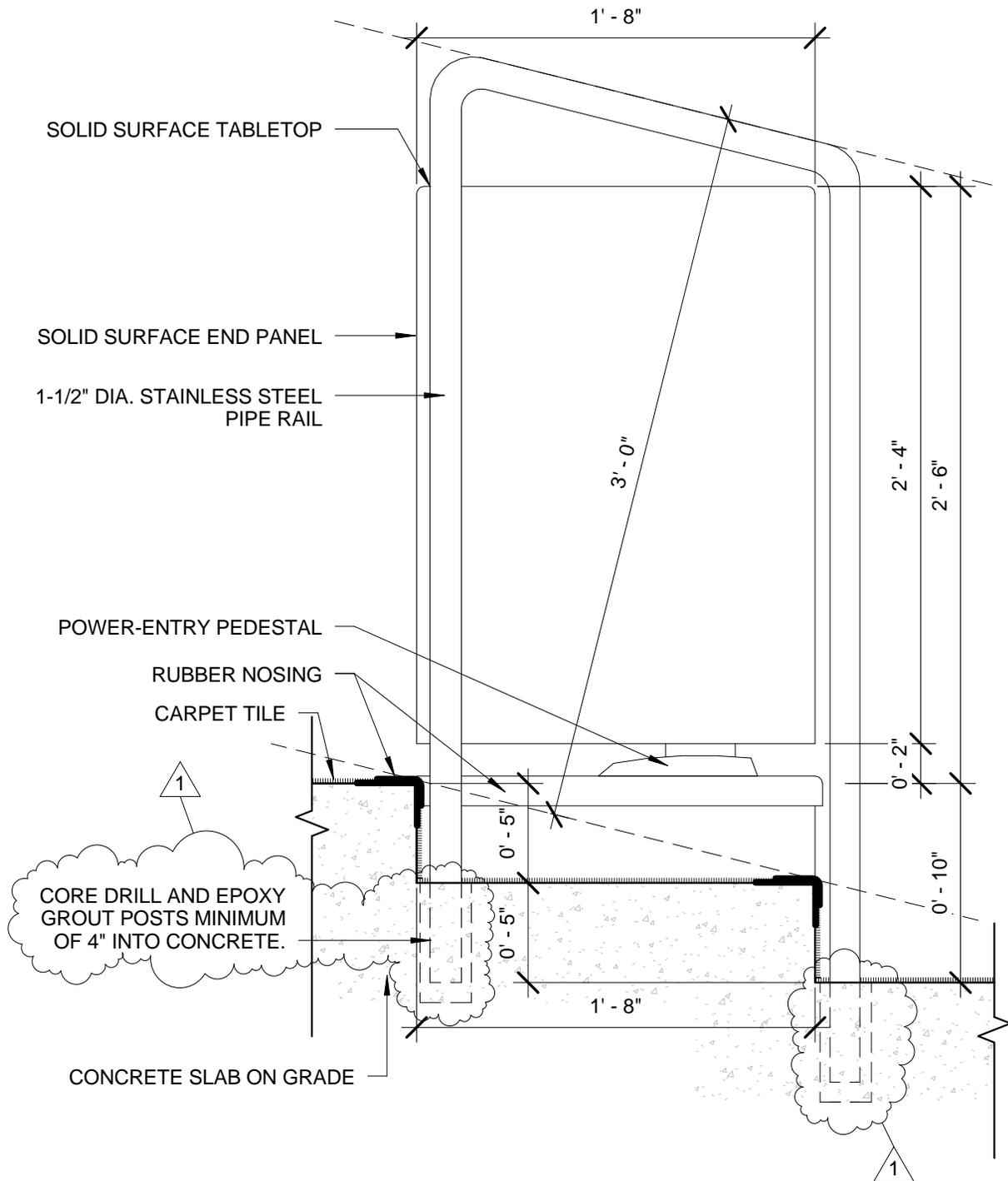
DATE **10/15/2014**

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SCALE: **AS NOTED**

SKETCH NO.

AD1-SKA-11.16-1



① REVISED INTERIOR DETAIL - LECTURE HALL STEP
 1 1/2" = 1'-0"



PROJECT TITLE
 Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE
 REVISED LECTURE HALL DETAIL

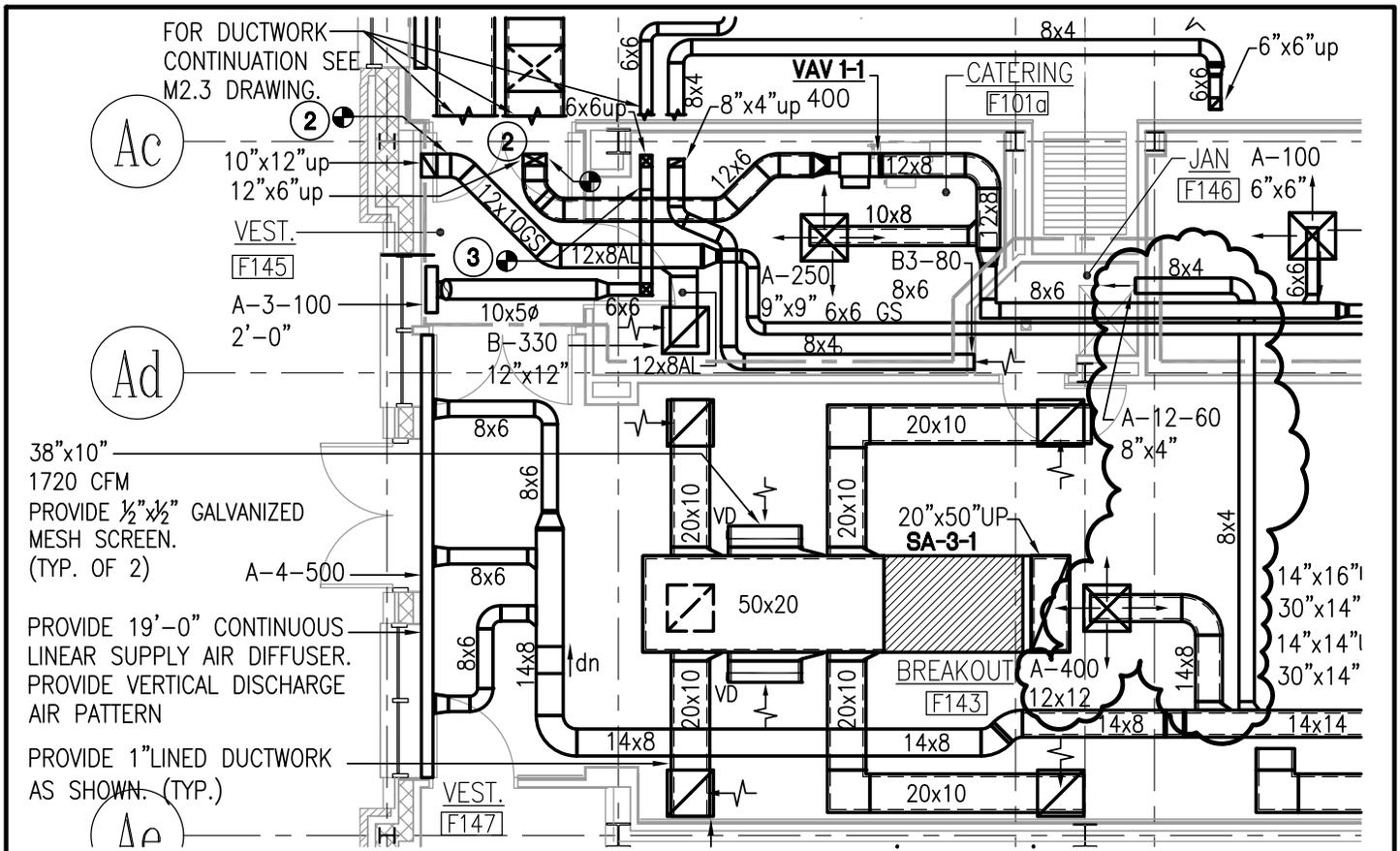
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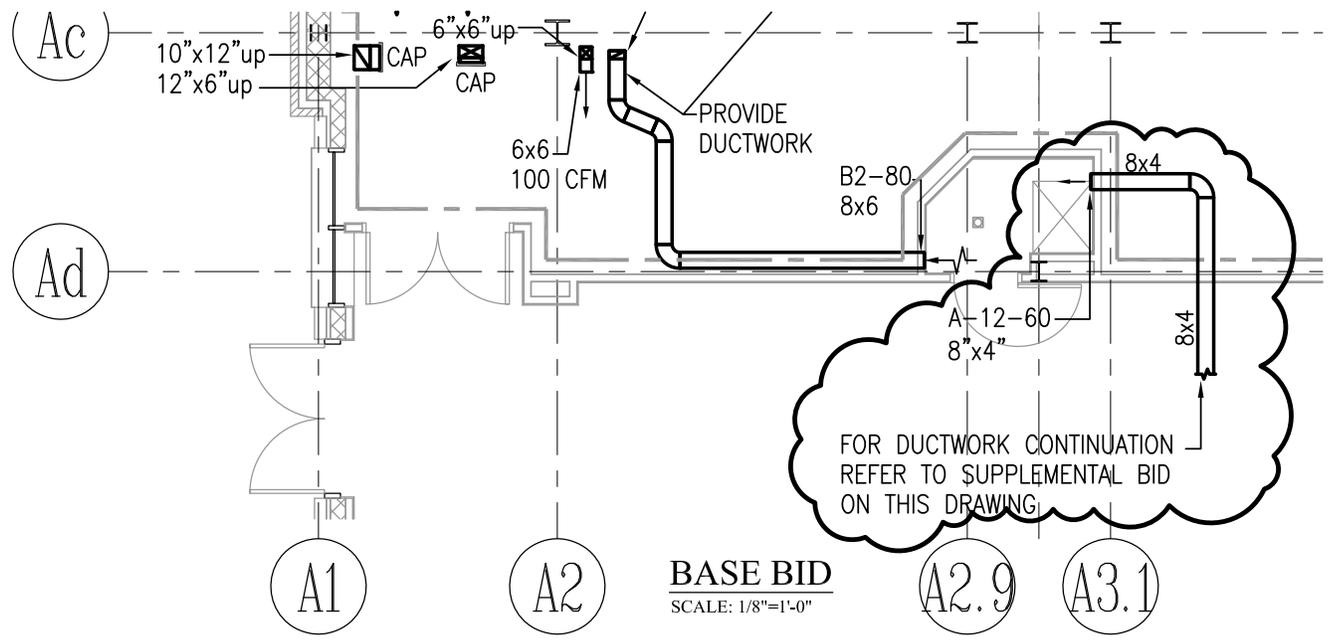
SCALE: AS NOTED

SKETCH NO.

AD1-SKA-11.18-1



SUPPLEMENTAL BID
SCALE: 1/8"=1'-0"



BASE BID
SCALE: 1/8"=1'-0"

PROJECT TITLE
**Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing**

PROJECT NO BI-CTC-442

SKETCH TITLE
MAIN LEVEL FLOOR PART PLAN-SOUTH

Revised JAN F146 Ductwork and BASE BID

DATE 10/15/2014

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SCALE: 1/8"=1'-0"

SKETCH NO.
AD1-SK-M1.1A-D-2

BEMIS ASSOCIATES, LLC
 Consulting Engineers

185 Main Street
 Farmington, Ct 06032
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 Fax: (860) 321-7070
 www.bemisassociates.com

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30 JORDAN LANE
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 860 563 6164

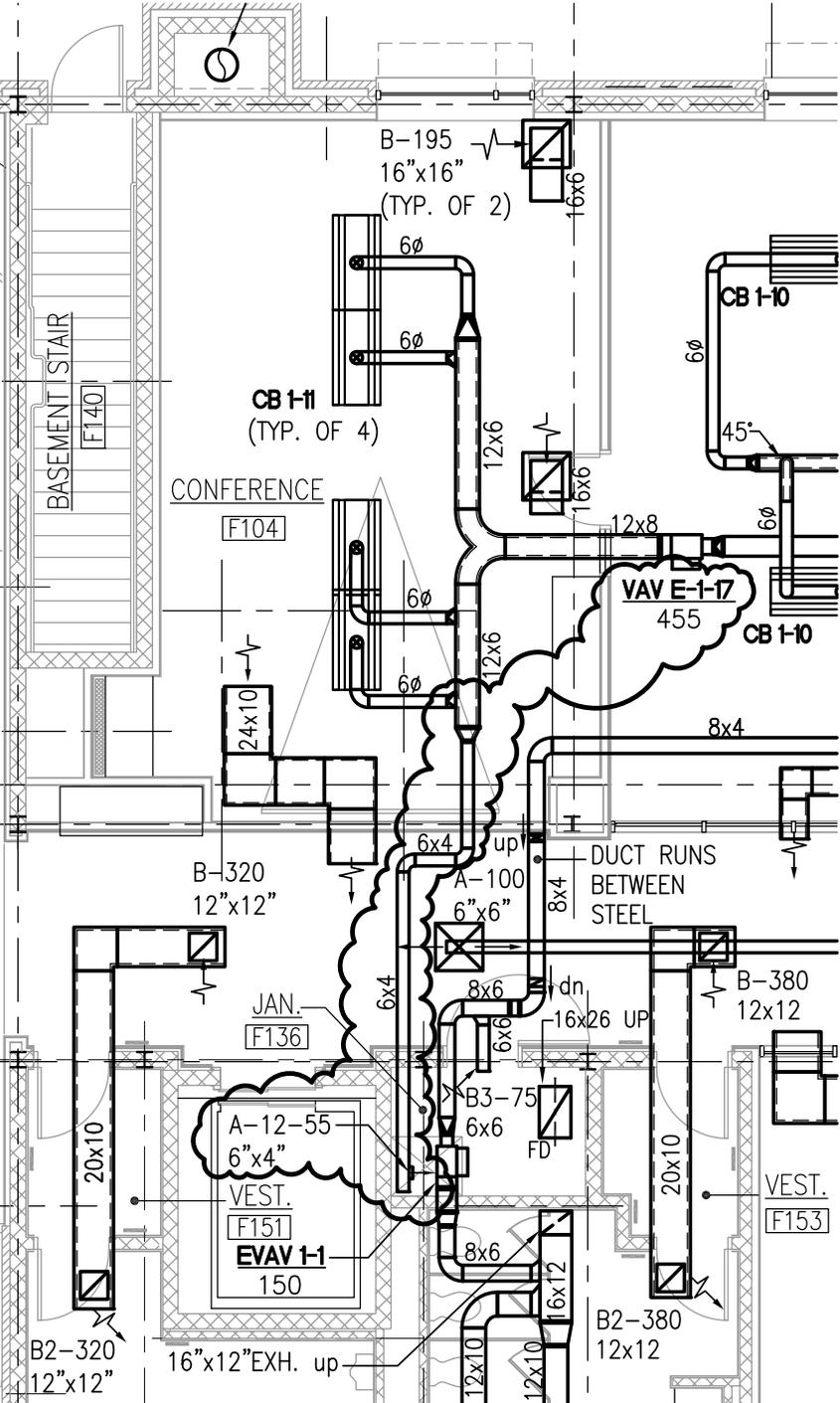
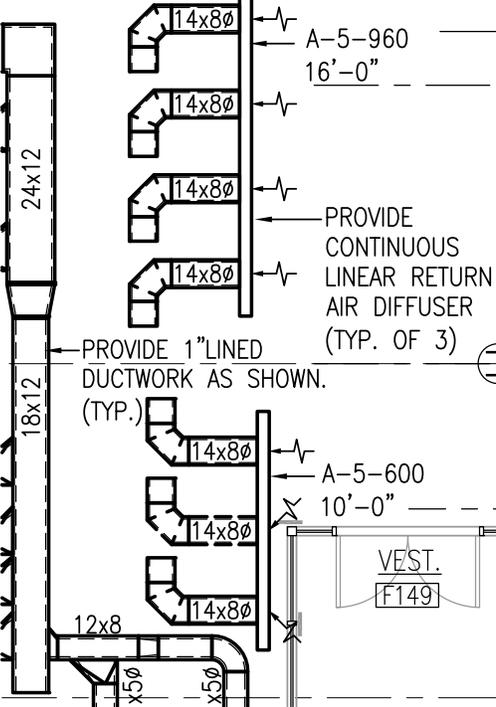
PROVIDE 1" LINED
DUCTWORK TRANSITION

Ab.6

SIDE WALL MOUNTED
TYPE A-9 DIFFUSER, 8'-4" LENGTH,
137 CFM/LF. 6'-0" OF DIFFUSER LENGTH
SHALL BE ACTIVATED AND UNUSED PORTION
OF DIFFUSER SHALL BE BLANKED OFF AND
INSULATED. PROVIDE 1" LINED,
1'-0" WIDTH x 6'-0" LENGTH x 6" HIGH
SUPPLY AIR PLENUM.

LOBBY
F142

BLANK OFF DIFFUSER
(6'-0")



PROJECT TITLE

**Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing**

DATE 10/15/2014

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PROJECT NO BI-CTC-442

SKETCH TITLE

MAIN LEVEL FLOOR PART PLAN-NORTH

SCALE: 1/8"=1'-0"

REVISED JAN F136 DUCTWORK

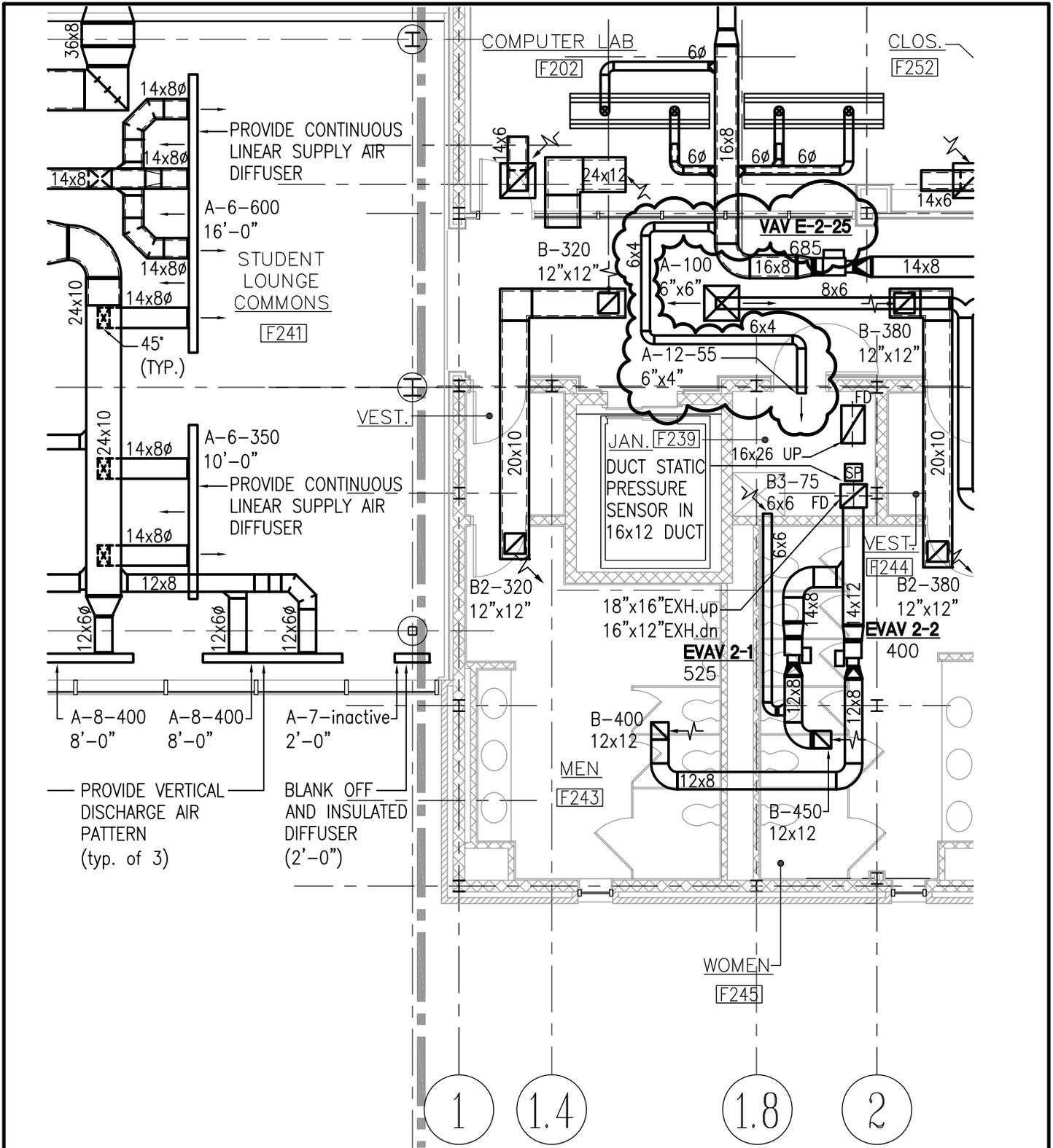
SKETCH NO.
AD1-SK-M1.1B-D-1

BEMIS ASSOCIATES, LLC
Consulting Engineers

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Farmington, Ct 06032
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860 563 6164



PROJECT TITLE

**Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing**

DATE 10/15/2014

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Moser Pilon Nelson Architects

PROJECT NO BI-CTC-442

SKETCH TITLE

SECOND LEVEL FLOOR PART PLAN-NORTH

SCALE: 1/8"=1'-0"

REVISED JAN F239 DUCTWORK

SKETCH NO.

AD1-SK-M1.2B-D-3

BEMIS ASSOCIATES, LLC
Consulting Engineers

185 Main Street
Farmington, Ct 06032
(860) 687-3233
Fax: (860) 321-7070
www.bemisassociates.com

**moser
pilon
nelson
architects**

30 JORDAN LANE
WETHERSFIELD, CT. 06109
860 563 6164



PROJECT TITLE Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

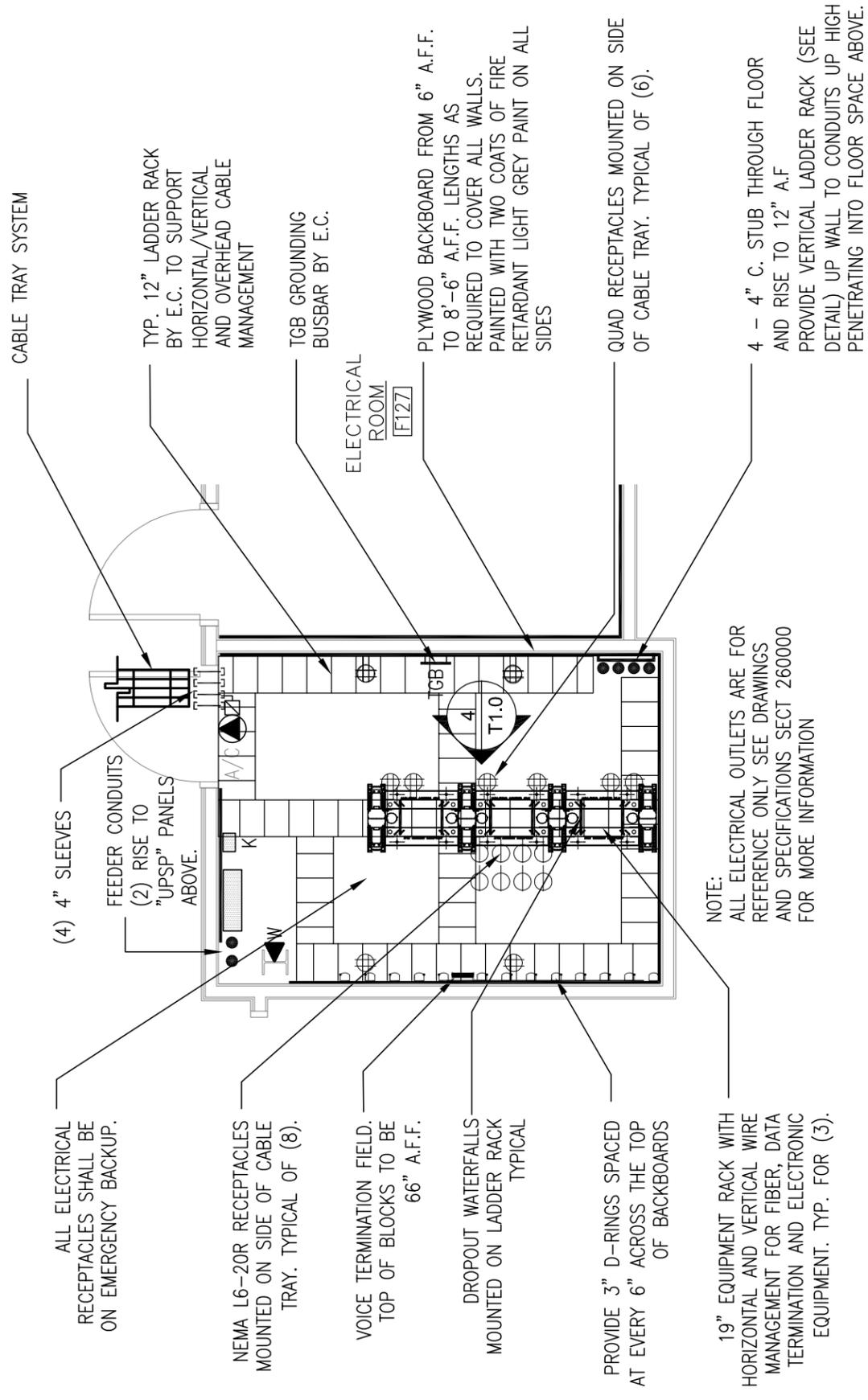
SKETCH TITLE IDF ROOMS F128, F236 AND F356

DATE 10/15/2014

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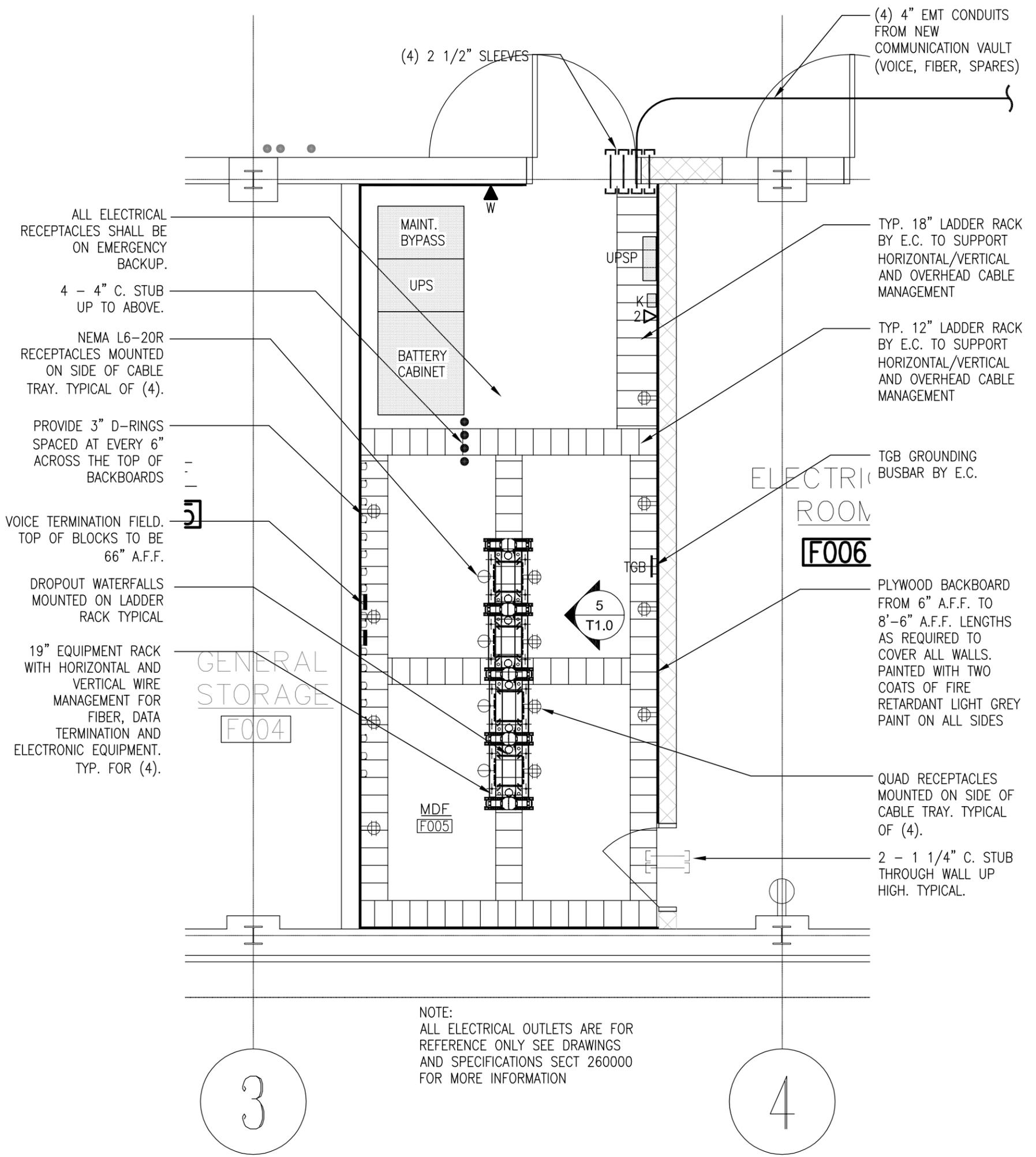
SCALE: AS NOTED

SKETCH NO.
AD1-SK-T1.0-1



1
T1.0 NTS

IDF ROOMS F128, F236 AND F356



2 MDF ROOM F005
T1.0 NTS



PROJECT TITLE Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE MDF ROOM F005

DATE 10/15/2014

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SCALE: AS NOTED

SKETCH NO.
AD1-SK-T1.0-2

PROJECTOR & DISPLAY MOUNTING STYLE LEGEND

MOUNTING STYLE	INSTALLATION	REFERENCE DETAIL
1	CEILING MOUNTED POLE (ACCESSIBLE CEILING)	5/TA6.1
2	CEILING MOUNTED POLE (HARD CEILING)	1/TA6.2
a	WALL MOUNTED	2/TA6.1
b	WALL MOUNTED	4/TA6.1

PROJECT TITLE

Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE

PROJECTOR & DISPLAY

MOUNTING STYLE LEGEND

DATE 10/15/2014

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SCALE: NTS

SKETCH NO.
AD1-SK-TA0.2-1

THE SEXTANT GROUP, INC. **SEXTANT**
700 WATERFRONT DRIVE
SUITE 200
PITTSBURGH, PA 15222
412.323.8580
ORU P

**moser
pilon
nelson**
architects

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WETHERSFIELD, CT. 06109
860 583 0184

ALUMINUM • COLUMNS • NETWORK • OLIVIA • THESENI
FURNITURE • SANTA BARBARA • WASHINGTON DC
AV • IT • SECURITY • ACOUSTICS • LIGHTING

ROOM PROJECTION SCREEN SCHEDULE

ALL DIMENSIONS IN INCHES / WEIGHT IN POUNDS

ROOM NUMBER	QTY.	SCREEN TYPE	PROJECTOR MOUNTING STYLE	SCREEN		PROJECTOR MOUNT			
				BOTTOM OF IMAGE AFF	BLACK DROP (EST.)	DISTANCE [D1]	DISTANCE [D1x]	DISTANCE [D2]	DISTANCE [D2x]
F101	2	A	1	60	26	280	12	6	0
F101	1	B	1	72	46	160	+8 / -0	6	0
F102	3	A	2	88	68	300	+10 / -0	10	0
F104	1	C	1	48	12	184	12	6	0
F121	1	B	1	48	6	208	12	6	0
F122	1	B	1	48	6	208	12	6	0
F124	1	B	1	48	6	208	12	6	0
F125	1	B	1	48	6	208	12	6	0
F206	1	C	1	48	12	184	12	6	0
F207	1	B	1	48	6	208	12	6	0
F208	1	B	1	48	6	208	12	6	0
F215	1	B	1	48	6	208	12	6	0
F338	1	B	1	48	6	208	12	6	0
F340	1	B	1	48	6	208	12	6	0
F349	1	B	1	48	6	208	12	6	0
F352	1	B	1	48	6	208	12	6	0
F354	1	B	1	48	6	208	12	6	0

PROJECTION SCREEN / VIDEO PROJECTOR RELATIONSHIP (SEE GRAPHIC AND NOTES BELOW)

THE SERVANT GROUP, INC.
700 WATERFRONT DRIVE
SUITE 200
PITTSBURGH, PA 15222
412.233.8580

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PERFORMANCE • SUSTAINABILITY • WELL-BEING
AV • IT • SECURITY • ACOUSTICS • LIGHTING



PROJECT TITLE Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing

PROJECT NO BI-CTC-442

SKETCH TITLE ROOM PROJECTION SCREEN SCHEDULE

DATE 10/15/2014

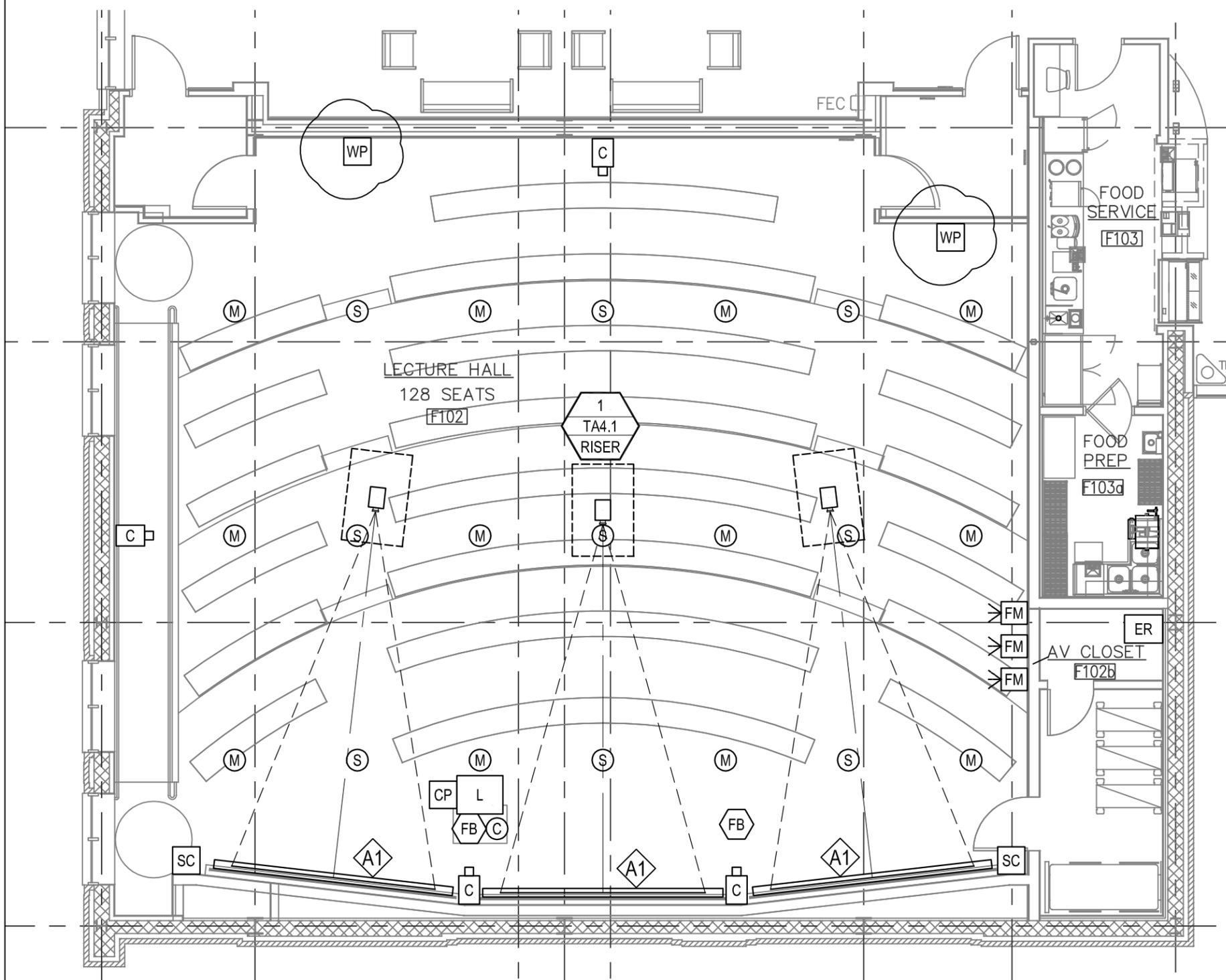
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SCALE: NTS

SKETCH NO.
AD1-SK-TA0.2-2

AUDIOVISUAL EQUIPMENT LEGEND

- FB FLOOR BOX - AV, (4) DATA, 120V 20A OUTLET
- CP CONTROL PANEL - AV
- WP WALL PLATE - AV

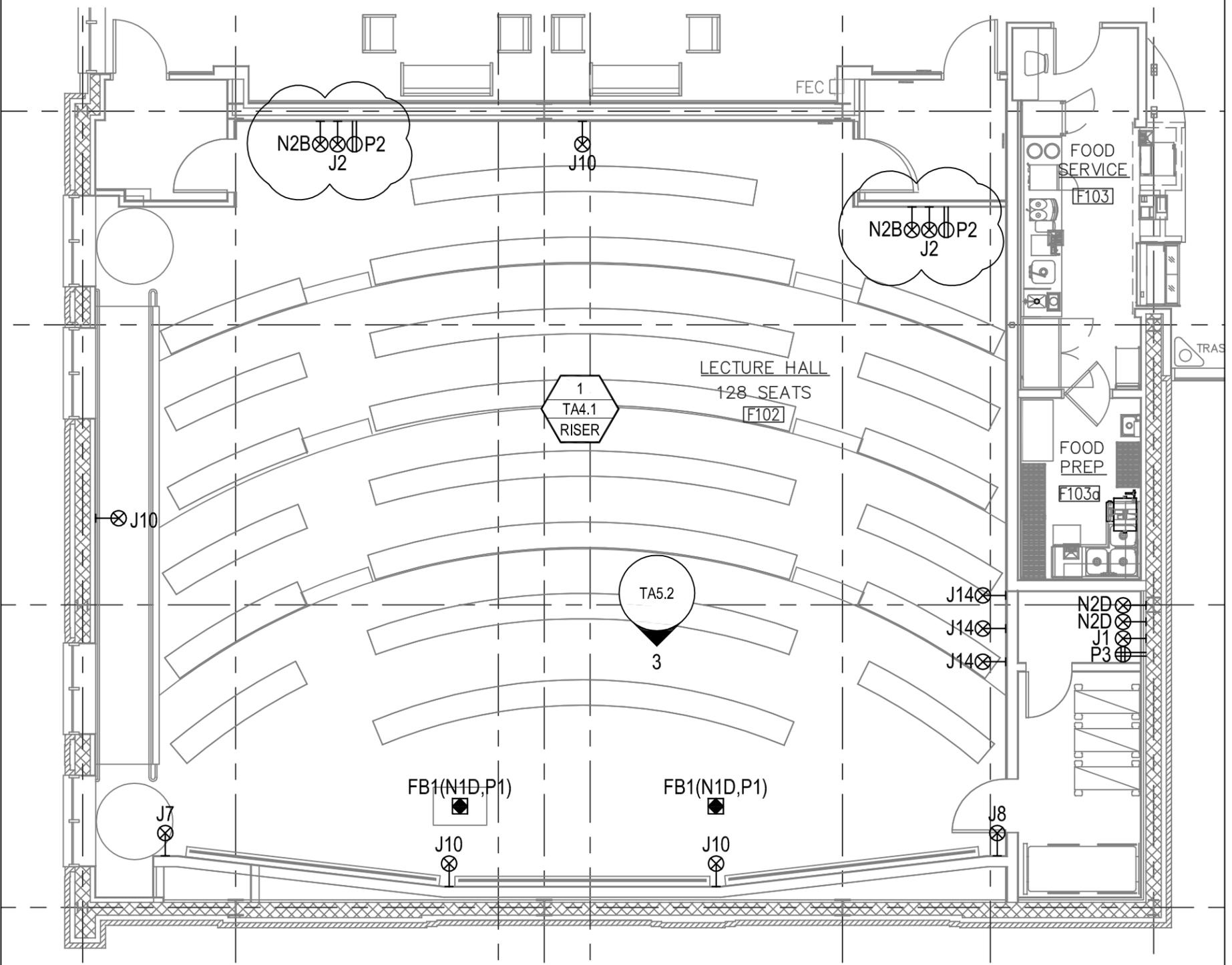


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 412.233.8580
 GROUP

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architects**
30 JORDAN LANE
WETHERFIELD, CT. 06109
860 563 6164

PROJECT TITLE **Naugatuck Valley Community College
Founders Hall Renovations for
Allied Health and Nursing**
 PROJECT NO **BI-CTC-442**
 SKETCH TITLE **LECTURE HALL F102
AUDIOVISUAL EQUIPMENT PLAN**

DATE **10/15/2014**
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 SCALE: **1/8"=1'0"**
 SKETCH NO.
AD1-SK-TA1.1A-1



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 700 WATERFRONT DRIVE
 SUITE 200
 PITTSBURGH, PA 15222
 412.223.8580
 SEVENTH GROUP

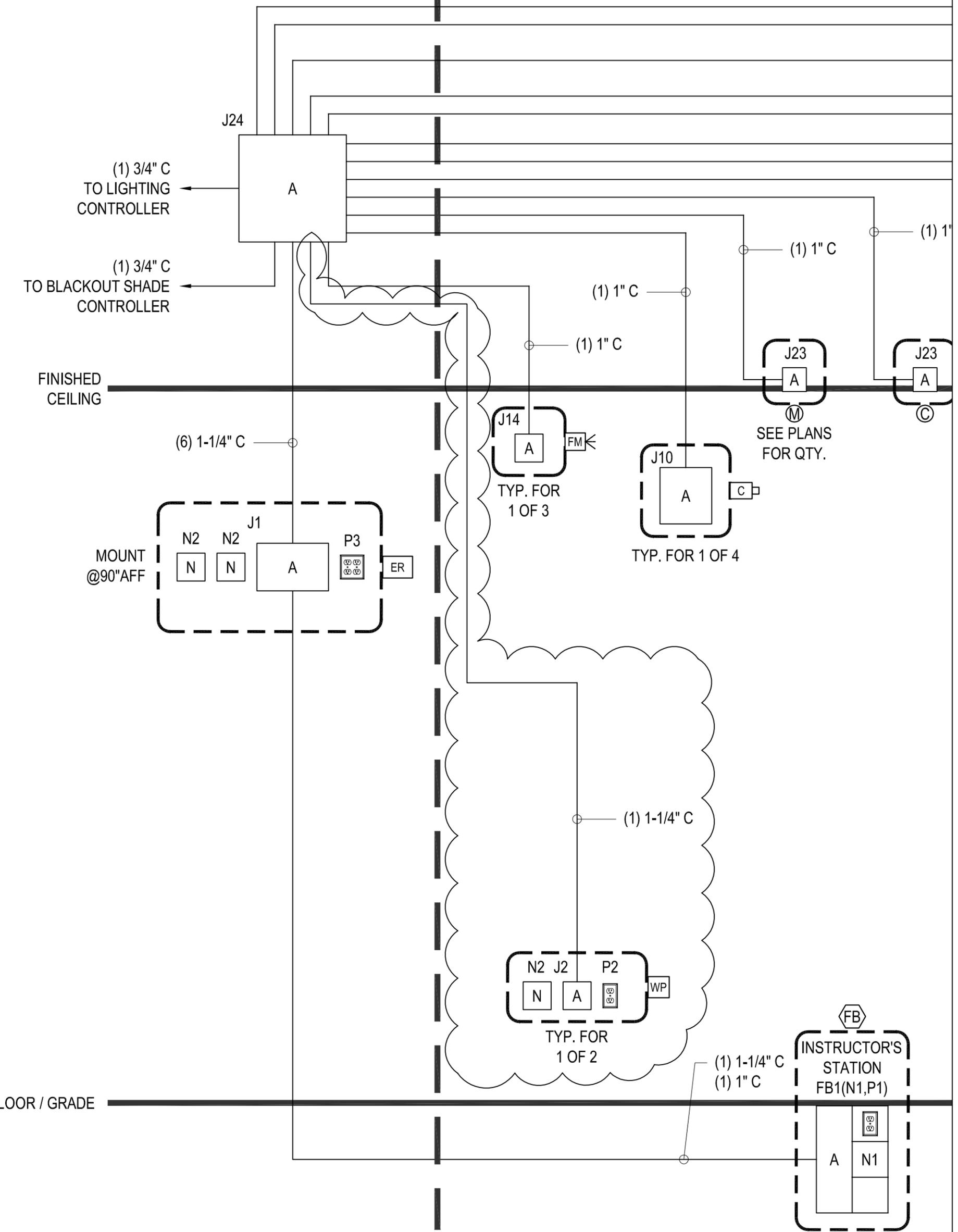


PROJECT TITLE Naugatuck Valley Community College
 Founders Hall Renovations for
 Allied Health and Nursing
 PROJECT NO BI-CTC-442
 SKETCH TITLE LECTURE HALL F102
 AUDIOVISUAL INFRASTRUCTURE FLOOR PLAN

DATE 10/15/2014
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 Moser Pilon Nelson Architects
 SCALE: 1/8"=1'0"
 SKETCH NO.
 AD1-SK-TA2.1A-1

AV CLOSET F102B

STRUCTURAL
CEILING



FLOOR / GRADE

1
TA4.1

AV CONDUIT RISER DIAGRAM FOR LECTURE HALL F102
SCALE: NTS

THE SERVANT GROUP, INC.
700 WATERFRONT DRIVE
SUITE 200
PITTSBURGH, PA 15222
412.223.8580

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FIBERGLASS • STAINLESS STEEL • WOODWORKING
AV • IT • SECURITY • ACOUSTICS • LIGHTING



PROJECT TITLE	Naugatuck Valley Community College Founders Hall Renovations for Allied Health and Nursing
PROJECT NO	BI-CTC-442
SKETCH TITLE	AUDIOVISUAL INFRASTRUCTURE CONDUIT RISER DIAGRAM 1/TA4.1

DATE	10/15/2014
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SCALE:	AS NOTED
SKETCH NO.	AD1-SK-TA4.1-1

CTDCS Project No.:	BI-CTC-442 CMR
Date:	October 16, 2014
Meeting Start Time:	2PM
Meeting Location:	NVCC Founders Hall Waterbury

Meeting Purpose: Design Phase Meeting
 Pre-Bid Conference
 Other: _____

Name: Edward Barrett	Title: Director of Pre-Construction
Company/Department: The Morganti Group, Inc.	E-mail: ebarrett@morganti.com
Street: 100 Mill Plain Road	Phone: 203-830-3303
City/State/Zip Danbury, CT 06811	FAX: 203-790-6138

Name: <i>Chuck Blaszcak</i>	Title: <i>Superintendent</i>
Company/Department: <i>Morganti</i>	E-mail: <i>cblaszka@morganti.com</i>
Street: <i>100 Mill Plain Rd.</i>	Phone: <i>203-830-3306</i>
City/State/Zip <i>Danbury, CT 06841</i>	FAX:

Name: <i>Moe Villano</i>	Title: <i>ESTIMATING</i>
Company/Department: <i>CT Carpentry Corp</i>	E-mail: <i>Mvillano@ctcarpentry.com</i>
Street: <i>936 Silas Deane</i>	Phone: <i>860-571-9812</i>
City/State/Zip <i>Wethersfield, CT</i>	FAX: <i>860-571-8891</i>

Name: <i>Mary Hanley</i>	Title: <i>Estimating Asst</i>
Company/Department: <i>C+H Electric</i>	E-mail: <i>JohnEconomovich@chelectric.com</i>
Street: <i>1999 S. Main St</i>	Phone: <i>203-754-3231</i>
City/State/Zip <i>Waterbury CT</i>	FAX:

Name: <i>Linda McKim</i>	Title: <i>Estimator</i>
Company/Department: <i>Ferguson Elec.</i>	E-mail: <i>lmckim@ferguson-ct.com</i>
Street: <i>112 Northwest Drive</i>	Phone: <i>860-517-3221</i>
City/State/Zip <i>Plainville Ct.</i>	FAX: <i>860-793-5056</i>

Name: <i>Linda McKim</i>	Title:
Company/Department: <i>Ferguson Mech.</i>	E-mail: <i>lmckim@ferguson-ct.com</i>
Street: <i>112 Northwest Drive</i>	Phone: <i>860-517-3221</i>
City/State/Zip <i>Plainville Ct</i>	FAX: <i>860-793-5050</i>

CTDCS Project No.: BI-CTC-442 CMR	Date: October 16, 2014
Meeting Start Time: 2PM	Meeting Location: NVCC Founders Hall Waterbury

Name: Ron Vitti	Title:
Company/Department: BARRETT Roofing	E-mail: rdoBASH@BARRETT Roofing.COM
Street: 106 MILL PLAIN RD	Phone: 203 744 2780
City/State/Zip: DANBURY	FAX: 203-791-2218

Name: John Abbate	Title:
Company/Department: FPT	E-mail: john@fireprotectiontesting.com
Street: 1701 Highland Ave	Phone: 860 575 0382
City/State/Zip: CHESHIRE CT	FAX:

Name: Jim Lussier	Title: ESTIMATOR
Company/Department: SENAC	E-mail: JLUSSIER@SENAC ELECTRIC
Street: 45 PETER CT	Phone: 860-229-0800 x231
City/State/Zip: N. BRITAIN 06050	FAX:

Name: Dan Johnson	Title: OPERATIONS MANAGER VP
Company/Department: ANI	E-mail: djohnsky@americanactors.com
Street: 45 PETER CT	Phone: 860 229 0800 x 226
City/State/Zip: New Britain 06020	FAX:

Name: Stanley Stachura Jr	Title: ESTIMATOR
Company/Department: New England Yankee Const LLC	E-mail: SStachura@NEYCLLC.COM
Street: P.O. Box 5395	Phone: 203 284-9977
City/State/Zip: Milford CT 06460	FAX: 203-284-9981

Name: KIM SYMMONDS	Title: ELECT. ENGINEER
Company/Department: BEMIS ASSOCIATES	E-mail: KIMS@BEMISASSOCIATES.COM
Street: 185 MAIN ST.	Phone: 860 667 3233
City/State/Zip: FARMINGTON, CT 06032	FAX:

CTDCS Project No.:	BI-CTC-442 CMR
Date:	October 16, 2014
Meeting Start Time:	2PM
Meeting Location:	NVCC Founders Hall Waterbury

Name: LUCIAN DRAGULSKI	Title: ENGINEER
Company/Department: BEMIS ASSOCIATES LLC	E-mail: lucian.d@bemisassociates.com
Street: 185 MAIN STREET	Phone: 860 667 3233
City/State/Zip: FARMINGTON CT 06032	FAX:

Name: Michael Pickups	Title: PRINCIPAL
Company/Department: Mach, Engineers, LLC	E-mail: MPickups@Machengineers.com
Street: 94 Gillett St	Phone: 860-549-6190
City/State/Zip: HARTFORD, CT 06105	FAX: 860 524-5088

Name: Russ Brown	Title: Partner
Company/Department: MPM Architects, LLC	E-mail: rbrown@mpm-arch.com
Street: 30 JORDAN LANE	Phone: 860.563.6064
City/State/Zip: WENTERSFIELD, CT, 06109	FAX: 860-257-4675

Name: John Tracey	Title: Project Manager
Company/Department: Scope Construction	E-mail: tracey@scopeconstruction.com
Street: 416 slate rd	Phone: 860 832 8335
City/State/Zip: New Britain CT 06050	FAX: 860 832 8332

Name: Jonathan Breth	Title: VP
Company/Department: PRO-Electrical Inc	E-mail: Proelectricinc@CS.com
Street: 211 Hickory Lane	Phone: 860-605-9146 x312
City/State/Zip: Bethlehem CT	FAX: 203-266-6821

CTDCS Project No.:	BI-CTC-442 CMR
Date:	October 16, 2014
Meeting Start Time:	2PM
Meeting Location:	NVCC Founders Hall Waterbury

Name: <u>Mike Lee</u>	Title:
Company/Department: <u>Amie LLC.</u>	E-mail: <u>mlee@ameilc.com</u>
Street: <u>145 Main Street</u>	Phone: <u>203-951-1246</u>
City/State/Zip: <u>Norwalk CT 06857</u>	FAX: <u>203 266 8814</u>

Name: <u>Joel Buckley</u>	Title:
Company/Department: <u>Amie LLC.</u>	E-mail: <u>jbuckly@ameilc.com</u>
Street: <u>145 Main Street</u>	Phone: <u>203-871-9772</u>
City/State/Zip: <u>Norwalk CT 06857</u>	FAX: <u>203 266-8814</u>

Name: <u>Rick Baker</u>	Title: <u>ACCOUNT MGR.</u>
Company/Department: <u>SimplexGrinnell</u>	E-mail: <u>Ri Baker@simplexgrinnell.com</u>
Street: <u>429 Hayden Station Rd</u>	Phone: <u>203-410-9081</u>
City/State/Zip: <u>Windsor, CT 06095</u>	FAX:

Name: <u>Todd Welden</u>	Title: <u>Asst. Dir. Enum. Services</u>
Company/Department: <u>Standard Demolition Services</u>	E-mail: <u>twelden@demolitionservices.com</u>
Street: <u>30 Nutmeg Drive</u>	Phone: <u>203 380 8300</u>
City/State/Zip: <u>Trombly, CT 06411</u>	FAX: <u>203 380 8344</u>

Name: <u>TOM MARRA</u>	Title: <u>Proj MANAGER</u>
Company/Department: <u>M. FRANK HIGGINSON</u>	E-mail: <u>TMARRA@mfhiggins.com</u>
Street: <u>780 N. MOUNTAIN RD</u>	Phone: <u>860-953-6826</u>
City/State/Zip: <u>NEWINGTON, CT</u>	FAX: <u>860-883-1740</u>

3005
PRE-BID Phase Meeting
Founders Hall Renovations for Allied Health & Nursing
NVCC
Attendance Log

CTDCS Project No.: BI-CTC-442 CMR Date: October 16, 2014 Meeting Start Time: 2PM Meeting Location: NVCC Founders Hall Waterbury	
--	--

Name: Joel Baranowski	Title: Project Manager
Company/Department: DAS/DCS	E-mail: joel.baranowski@ct.gov
Street: 165 Capital Avenue	Phone: 860 713.5612
City/State/Zip: Hartford, CT 06106	FAX:

Name: Clare Olesen (SRE/WBE)	Title: Proj Mgr
Company/Department: AES Remedial Contracting LLC	E-mail: clare@aesremedial
Street: 132 Town Line Rd	Phone: 860 620 1791
City/State/Zip: Southington CT 06489	FAX: 860 620 1792

Name:	Title:
Company/Department:	E-mail:
Street:	Phone:
City/State/Zip:	FAX:

Name:	Title:
Company/Department:	E-mail:
Street:	Phone:
City/State/Zip:	FAX:

Name:	Title:
Company/Department:	E-mail:
Street:	Phone:
City/State/Zip:	FAX:

3005
PRE-BID Phase Meeting
Founders Hall Renovations for Allied Health & Nursing
NVCC
Attendance Log

CTDCS Project No.:	BI-CTC-442 CMR
Date:	October 16, 2014
Meeting Start Time:	2PM
Meeting Location:	NVCC Founders Hall Waterbury

Meeting Purpose:

Design Phase Meeting
 Pre-Bid Conference
 Other: _____

Name: Edward Barrett	Title: Director of Pre-Construction
Company/Department: The Morganti Group, Inc.	E-mail: ebarrett@morganti.com
Street: 100 Mill Plain Road	Phone: 203-830-3303
City/State/Zip Danbury, CT 06811	FAX: 203-790-6138

Name: GARY GUIMOND	Title: PRINCIPAL
Company/Department: RICHTER & CEGAN INC	E-mail: gguimond@richtercegan.com
Street: PO Box 567, 8-B CANAL COURT	Phone: 860 678-0669
City/State/Zip Avon, CT 06001	FAX: 860-678-8934

Name: Herb May	Title: Chief Civil Engineer
Company/Department: Macchi Engineers, LLC	E-mail: hmay@macchiengineers.com
Street: 44 Gillett St.	Phone: 860 549-6190
City/State/Zip Hartford, CT	FAX:

Name: Shawn Puce	Title: CEO
Company/Department: Diverse Elect Contractors	E-mail: shawn@diverseelectric.net
Street: 141 Summer St	Phone: 860 424 2650
City/State/Zip Plainville CT 06479	FAX: 860 424 0750

Name: JAY MAKATI	Title: SALES + Acct MGR
Company/Department: ORISSA LLC	E-mail: sales.orissallc@gmail.com
Street: 870 B Four Rod Rd	Phone: 860-560-6874
City/State/Zip Berlin, CT 06037	FAX: 860-760-6190

Name: Curtis Corbett	Title: VP
Company/Department: Advanced Ceiling & Restoration	E-mail: advanacedceiling@sbccglobal.net
Street: 75 Elliott St. E.	Phone: (860) 296-2388
City/State/Zip Hartford CT 06114	FAX: (860) 296-0751

CTDCS Project No.: BI-CTC-442 CMR	Date: October 16, 2014
Meeting Start Time: 2PM	Meeting Location: NVCC Founders Hall Waterbury

Meeting Purpose:

Design Phase Meeting
 Pre-Bid Conference
 Other: _____

Name: Edward Barrett	Title: Director of Pre-Construction
Company/Department: The Morganti Group, Inc.	E-mail: ebarrett@morganti.com
Street: 100 Mill Plain Road	Phone: 203-830-3303
City/State/Zip: Danbury, CT 06811	FAX: 203-790-6138

Name: Daniel Kelly	Title: Account manager
Company/Department: RnB Enterprises	E-mail: dank@rnbenterprises.com
Street: 115 Hurley Rd #4B/C	Phone: 203-648-8352
City/State/Zip: Oxford CT 06478	FAX: 203-426-1691

Name: Archie Santora	Title: Sales
Company/Department: ASI - Advanced Security Tech.	E-mail: asantoras@astsecurity.net
Street: 1876 Barnum Ave	Phone: 203-540-7100
City/State/Zip: Stratford CT 06614	FAX:

Name: Nick Marozzi	Title: Estimator
Company/Department: Greenwood Industries	E-mail: nmarozzi@greenwood-industries.com
Street:	Phone: (808) 723-4553
City/State/Zip: North Haven, CT	FAX: 203-234-2074

Name: Bob Aichelman	Title: PM
Company/Department: OWI CONTRACTORS	E-mail: Bob@owicontractors.com
Street: 1681 Barnum Ave, Stratford, CT	Phone: 203-908-3545
City/State/Zip:	FAX:

Name: Josh Ehrlich	Title: VP
Company/Department: BCI	E-mail: Bartholomew01@snet.net
Street: 3324 Main St	Phone: 860-522-5555
City/State/Zip: Hartford CT 06120	FAX: 860-724-2887

3005
 PRE-BID Phase Meeting
 Founders Hall Renovations for Allied Health & Nursing
 NVCC
 Attendance Log

CTDCS Project No.: Date: Meeting Start Time: Meeting Location:	BI-CTC-442 CMR October 16, 2014 2PM NVCC Founders Hall Waterbury
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Name: Bruce Beiece	Title: SUPERVISOR
Company/Department: SARAZIN General Contractors Inc	E-mail:
Street: 6 Commerce Drive	Phone: 860456-4576
City/State/Zip: North Windham CT 06256	FAX: 860456-8937

Name: Joseph Petronella	Title: Estimator
Company/Department: Enfield Builders Inc.	E-mail: sbutler@enfieldbuilders.com
Street: 1654 King ST	Phone: 860-627-6870
City/State/Zip: Enfield, CT 06083-1201	FAX: 860-627-8017

Name: JIM BONA	Title: ESTIMATOR
Company/Department: ELECTRICAL CONTRACTORS INC.	E-mail: JIMB@ECINCORPORATED.COM
Street: 3510 MAIN ST HARTFORD	Phone: 860-549-2822
City/State/Zip:	FAX: 860-549-7948

Name: Peter Gebhardt	Title: Estimator
Company/Department: Allied Restoration	E-mail: pgebhardt@alliedrestoration.net
Street: 162 Gavenors Street	Phone: (860) 291-8833
City/State/Zip: East Hartford, CT	FAX:

Name: Mike Ligwindol	Title: Estimator
Company/Department: Northwind Drive Div.	E-mail: mikecroslandiv@nvc.com
Street: 21 main st; A-9	Phone: 860 669 5883
City/State/Zip: CLANTON, CT 06413	FAX: 860 664 -0539

Name: JIM BURNS / JCE LENARES	Title: MANAGERS
Company/Department: 398 STAMM RD	E-mail: JLENARES@LANDSCAPECENT
Street: LENARES LPSC DESIGN	Phone: 860-666-3030.
City/State/Zip: NEWINGTON, CT 06111	FAX:

3005
PRE-BID Phase Meeting
Founders Hall Renovations for Allied Health & Nursing
NVCC
Attendance Log

CTDCS Project No.: BI-CTC-442 CMR Date: October 16, 2014 Meeting Start Time: 2PM Meeting Location: NVCC Founders Hall Waterbury	
--	--

Name: Sandra DiClementi	Title: President
Company/Department: Beacon Electric Inc.	E-mail: sandie@beaconeie.com
Street: 298 Clark St.	Phone: 860-621-3818 x314
City/State/Zip: Milldale, CT 06467	FAX:

Name: Pete Di	Title:
Company/Department:	E-mail:
Street:	Phone:
City/State/Zip:	FAX:

Name: Joseph Maliszewski	Title: Project Manager
Company/Department: American Environmental	E-mail: jmaliszewski@americanenviro.com
Street: 18 Canal St	Phone: 413-335-2338
City/State/Zip: Holyoke, MA 01040	FAX: 413-322-7195

Name: CHRIS SCHOONERMAN	Title: ACCOUNT EXEC
Company/Department: JOHNSON CONTROLS, INC	E-mail: christopher.d.schoonerman@jci.com
Street: 21 GRIFFIN ROAD NORTH	Phone: (860) 604-2014
City/State/Zip: WINDSOR, CT 06095	FAX: (860) 731-4834

Name: Carm DiAostilo	Title: Estimator
Company/Department: Joe Capasso Masonry Etc	E-mail: cd@joecapassomasonry.com
Street: 251 Middle Street	Phone: 860-638-1111
City/State/Zip: Middletown, CT	FAX: 860-638-1113

3005
PRE-BID Phase Meeting
Founders Hall Renovations for Allied Health & Nursing
NVCC
Attendance Log

CTDCS Project No.: BI-CTC-442 CMR	E-CTC: BI-CTC-442 CMR
Date: October 16, 2014	Date: October 16, 2014
Meeting Start Time: 2PM	Meeting Start Time: 2PM
Meeting Location: NVCC Founders Hall Waterbury	Meeting Location: NVCC Founders Hall Waterbury

Name: <i>Charles Smith</i>	Title: <i>owner</i>
Company/Department: <i>SMI O-mo litigation</i>	E-mail: <i>C.smith@smi-environmental.com</i>
Street: <i>266 C-ville street</i>	Phone: <i>860-281-7340</i>
City/State/Zip: <i>Manchester CT 06040</i>	FAX: <i>781-769-9310</i>

Name: <i>Noble Construction & Maint</i>	Title:
Company/Department: <i>Ed Noble</i>	E-mail: <i>EDWARD.NOBLE@SNAT.NAT</i>
Street: <i>P.O. Box 843</i>	Phone: <i>860 767 7971</i>
City/State/Zip: <i>Essex CT</i>	FAX: <i>860 767 1337</i>

Name:	Title:
Company/Department:	E-mail:
Street:	Phone:
City/State/Zip:	FAX:

Name:	Title:
Company/Department:	E-mail:
Street:	Phone:
City/State/Zip:	FAX:

Name:	Title:
Company/Department:	E-mail:
Street:	Phone:
City/State/Zip:	FAX:

3005
PRE-BID Phase Meeting
Founders Hall Renovations for Allied Health & Nursing
NVCC
Attendance Log

CTDCS Project No.: BI-CTC-442 CMR	Date: October 16, 2014
Meeting Start Time: 2PM	Meeting Location: NVCC Founders Hall Waterbury

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Name: Scott Stewart	Title: EST
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Street:	Phone:
City/State/Zip:	FAX:

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