

## INTERDEPARTMENTAL MEMORANDUM

**TO:** David Busanet, Bidding and Contracts Supervisor  
Bidding & Contracts, Room G-35  
165 Capitol Avenue, Hartford, CT 06106

**FROM:** Robert Prentice, Project Manager  
Team EDU, Room 460  
165 Capitol Avenue, Hartford, CT 06106

**DATE:** **December 14, 2009**

**SUBJECT:** ADDENDUM # 1

**PROJECT TITLE:** MEP Renovations to Jennings Hall, SCSU

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**PROJECT NO.:** **BI-RS-249**

**SCHEDULED BID OPENING:** **December 22, 2009**

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Please expedite the attached Addendum # 1

1. The total number of pages in this addendum is: 15
2. The total number of drawings in this addendum is: N/A
3. See attached Revised "Bid Released" form (55) dated: N/A
4. The addendum is mostly for clarification purpose. There maybe some minor cost changes with the explanation of the phasing

Attachment

xc: Agency  
Team File  
Project Manager

**MEP RENOVATIONS - JENNINGS HALL  
SOUTHERN CONNECTICUT STATE UNIVERSITY  
NEW HAVEN, CONNECTICUT  
PROJECT: BI-RS-249**

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<b>BID OPENING</b>	<b>1:00 P.M.</b>	<b>DECEMBER 22, 2009</b>
<b>ADDENDUM NUMBER ONE</b>	<b>DATE OF ADDENDUM</b>	<b>DECEMBER 14, 2009</b>

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

Item 1- RFI question:

*There is a specification section 089100- Louvers. Can you please confirm where new louvers are required? At the mechanical penthouse, all the louvers appear to be existing with no notation indicating they are to be removed and replaced. I didn't see any requirements at the new emergency generator either.*

**ANSWER:**

There are no new architectural louvers in Jennings.

Item 2

DRAWINGS: A-100, A101, A102, A103

Change note at all the stairs

From:

Patch as needed after railing and lighting demolition and installation work. Paint entire stairwell. Typical all stairs.

To:

**Patch as needed after railing and lighting demolition and installation work. Paint all new work and all patched areas. Typical for all the stairs.**

Item 3

DRAWING: A-200 Scope of work for all corridors notes:

Change Note 6

From:

Paint all existing painted surfaces including but not limited to wall, soffits, doors and door frames.

To:

**Paint all existing painted surfaces including but not limited to wall, soffits, doors and door frames. Remove all signage, bulletin boards, tack boards and any other permanently attached items that are on the walls. Patch and prep walls as required. After the painting remount all items in their original locations.**

Item 4

DRAWING: A-101

Add the follow note in reference to the site work for the new Neutralization Tank.

**Remove existing tree. Remove existing tree roots. Backfill void, grade and reseed area.**

Item 5

DRAWING: P-201 Detail 2: Water Heater Piping Diagram

**Revised the detail. Refer to SKP-1.**

Item 6

SPECIFICATIONS

**Division 25 is not used.**

Item 7

SPECIFICATIONS

**Division 27 is not used.**

Item 8- RFI question:

In the Summary of The Work, section 011100, item "F" addresses the separate contracts. The way this is worded it could easily be understood that these are separate contracts directly by the owner. The wording indicates the pricing is not to be included in either the mechanical or electrical contractors bid. It does not state they are to be included by the general contractor in his bid. (This was clear at the mandatory pre-bid that the GC is to include these costs but that was not my assumption based on the wording for this specific item in the specifications.

**ANSWER:**

The two separate contracts indicated in specification 011100 item F are in fact separate contracts with the General Contractor. The Instrumentation and Controls is not to be included in the mechanical contractors bid but is to be included in the General Contractors total bid. The Fire Alarm is not to be included in the electrical contractors bid but is to be included in the General Contractors total bid.

Item 9- RFI question:

In section 011216, Work Sequence, item "T" addresses the duration of the phases of the project. Per the phasing plan there are 5 phases. The phasing notes on the drawings are the same as those in this section of the specification. During the pre-bid conference you mentioned that the project schedule might consist of a summer – winter – summer type schedule to minimize interruption to the facility. I interpreted the phasing to mean that once all the necessary materials are on hand, we could begin the construction phases and that one phase would roll to the next and so on through project completion. Your comments the pre-bid seemed to indicate starts and stops with lapses of time in between. Item "J" in this section indicates that the order and schedule of the phases will be determined at a later date prior to construction. Depending on whose interpretation of the project sequence is correct will significantly impact lost time and down time with an impact on overall general conditions costs. If the project definitely requires construction to occur only during specific months or time periods during the course of the project, this should be clearly indicated at the time of bidding.

ANSWER:

The schedule dates and phasing has been revised. Refer to the phasing drawings PH-101, PH-102 and PH-103.

Item10- RFI question:

Section 015213 – Field Offices and Sheds seems to have two items "C.1". The first one indicates a room in the building with a laundry list of items to provide for the Owner's use. The second one indicates to provide a 12' x 60' trailer for the Owner's use with the same laundry list of items. Can you please confirm which should be used in preparing our bid?

ANSWER:

The contractor shall use the requirements for the two 12'x60' trailers for preparing the bid.

Item 11- RFI question:

There is a specification section 089100 – Louvers. Can you please confirm where new louvers are required? At the mechanical penthouse, all the louvers appear to be existing with no notation indicating they are to be removed and replaced. I didn't see any requirements at the new emergency generator either.

ANSWER:

A new exhaust louver is indicated on the mechanical drawing M-100 for the new emergency generator.

Item 12- RFI question:

Can you please provide some more specific information on the concrete vault that houses the acid waste neutralization system? Drawings P-106 and P-202 provide the location, the clear inside dimensions and the requirement for an epoxy coating on the interior of the vault. Specification section 226600 – Chemical-Waste Systems for Laboratories does not specifically address the concrete tank and indicates in item 1.09- Coordination to refer to division 03 for concrete, reinforcement and formwork requirements. There is no division 03 in the specifications or structural drawings. I'm assuming this is a precast vault with a horizontal seam between the top and bottom pieces. Can you confirm this and provide any requirements such as loading conditions the top must meet. It's not in a traffic area, but you may want H-20 wheel loading anyway. It would also be good to confirm this is either part of this section of the specifications or a different section so the plumbers and the general contractors will know who should be carrying the vault costs accordingly.

ANSWER:

Vault should be a precast, with monolithic sections, minimum concrete compressive strength of 5,000 psi @ 28 days. Joint seal 1" diameter, butyl rubber or equal. Steel reinforcement conforming to ASTM A79, reinforced steel welded wire conforming to the latest ASTM A185 specification, reinforced bars conforming to the latest ASTM A615 specification, Design loading AASHTO HS20.

Item 13- RFI question:

Relating to the location of the acid waste vault mentioned above, do you have any specific information on the foundation design for the building in this area? It would be helpful to know the foundation type and the bottom of footing elevations so we can determine if the building will be undermined by the vault's excavation or if shoring is required.

ANSWER:

Existing foundation, footing elevations, etc. is currently not available, it is recommended to provide accommodations for shoring and undermining the existing foundation / footings.

Item 14- RFI question:

Relating to the vault installation for the acid neutralization system, there is no detail for the sub-grade preparation under the vault. Can you confirm if a bedding layer of stone is desired and the thickness of this layer?

ANSWER:

Sub grade preparation for the vault includes a minimum of 6" stone bedding layer

Item 15- RFI question:

The revisions to the acid waste piping in the individual classrooms are detailed on P-203. We didn't specifically look at these connections during the pre-bid conference and walk-through. Can you please indicate if you believe it is necessary to cut and patch either existing cabinetry or existing wall construction to perform the plumbing work or if the piping that is to be changed is currently fully accessible? No architectural work is indicated but "may" be required under the heading of "cut and patch."

ANSWER:

Cutting and patching of the existing cabinetry and existing walls to perform the required plumbing work on the existing acid waste fixtures may be required. Cutting and patching work shall be included.

Item 16-RFI question:

Will the new underground neutralization tank require a concrete pad?

ANSWER:

The 2000 gallon neutralization and mixing and finishing tank will not require housekeeping pads. The concrete vault should not require an anti-buoyancy hold down slab. The pad requirement shall be coordinated with the vault manufacturer.

Item 17-RFI question:

Will the top of the neutralization tank be flush with finish grade or will it be below grade and we will have to install man holes to access hatches?

ANSWER:

The neutralization and mixing and finishing tanks will not be flush with finish grade they shall be located within the vault, the top of the vault has access, manholes etc as required to access these tanks, (as indicated on contract documents). The top of the vault maybe several inches above or below grade depending on its outside dimension, this dimension may vary depending on the manufacture submitted. Additional manholes to access the vaults manholes / access hatches should not be required.

Item 18-RFI question:

Will the piping feeding the neutralization tank be exposed on the outside wall?

ANSWER:

The piping shall be exposed, acidic and caustic feed piping shall double walled with insulation wit aluminum jacketing. The remaining vent piping shall be single walled.

Item 19-RFI question:

Section 233113-3.08 call for existing ductwork to be cleaned. Is this required?  
If so the drawings do not show all of the existing ductwork. How can drawings of the existing duct systems be accessed?

ANSWER:

Cleaning of the existing ductwork is limited to the ductwork associated with the fume scrubbers in the mechanical room only as indicated on drawings MD-104, M-104 & M-105.

Item 20-RFI question:

Drawing M-300 Pumps P-7, 8, 9, 10, & 11 state Alternate #01.  
Is the installation of these pumps an alternate?  
If so there is no spot on the bid form for an alternate.

ANSWER:

1. Yes
2. Attach any additional information required for the Bid Alternate to the to the Bid form.

Item 21

DRAWING: M-300: HVAC Duct Insulation schedule:

Change the insulation Nominal Density

From:

2 lbs/cf

To:

**3 lbs/ cf**

Item 22

DRAWING: M-301: HVAC Equipment Insulation schedule:

Change the insulation Nominal Density

From:

2 lbs/cf

To:

**3 lbs/ cf**

Item 23

DRAWINGS: P-101, P-102, P-103, P-104

**Revised the neutralization tank vent and vault vent notation. Refer to sketches SKP-2, SKP-3, SKP-4 and SKP-5.**

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (Kohler Ronan Consulting Engineers, 203-778-1018) with copies sent to the DPW Project Manager (Robert Prentice, 860-713-7270).

End of Addendum Number One

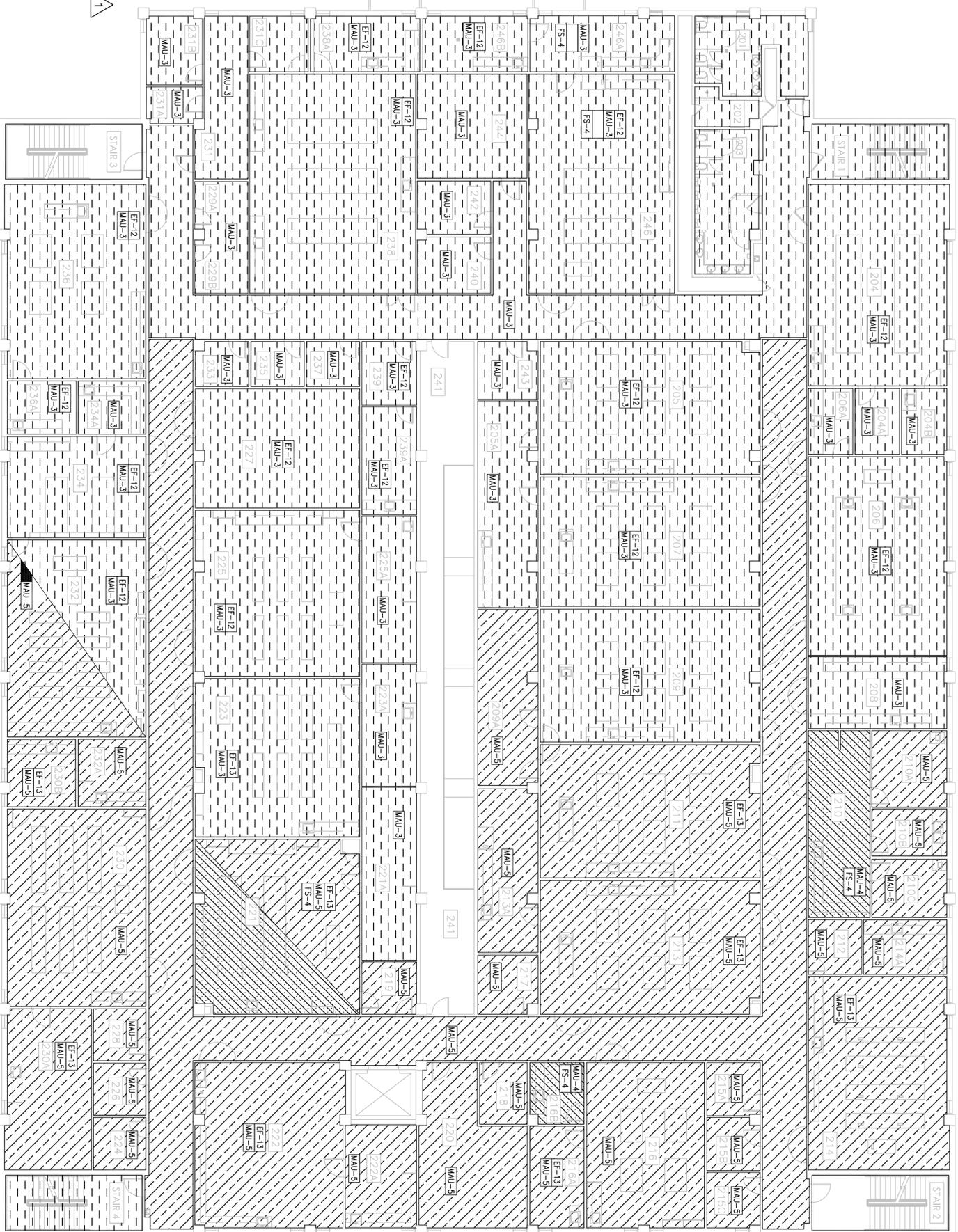
A handwritten signature in black ink, appearing to read "Barbara Bergeron". The signature is fluid and cursive, with a long horizontal stroke at the end.

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Barbara Bergeron, Associate Fiscal Administrative Officer  
Department of Public Works



GENERAL NOTES	
SERVICES ELMER HOOBS ONLY: MAU-2, MAU-4, MAU-6 MAU-7, FS-1, FS-2, FS-3 FS-4, FS-5, FS-6, FS-7, FS-8	SUPPLIES OUTDOOR AIR TO FAN COILS MAU-1, MAU-3, MAU-5, MAU-8



PHASE / AREA OF BUILDING	SCHEDULE
	WINTER SESSION 2011 - START DEC. 19 COMPLETION JAN 16
	WINTER SESSION 2011 - START JULY 5 COMPLETION AUG 2
	WINTER SESSION 2011 - START DEC. 19 COMPLETION JAN 16 / SUMMER SESSION B 2011 START JULY 5 COMPLETION AUG 2
	SUMMER SESSION B2011 - START JULY 5 COMPLETION AUG 2 / SUMMER SESSION A 2010 START JUNE 1 COMPLETION JUNE 29 THESE SPACES WILL REQUIRE TEMPORARY TEMPERED OUTDOOR AIR DURING THE SUMMER SESSION B 2010 PHASE
	SUMMER SESSION B2010 - START JULY 15 COMPLETION AUG 12
	SUMMER SESSION A 2010 - START JUNE 1 COMPLETION JUNE 29 THESE SPACES WILL REQUIRE TEMPORARY TEMPERED OUTDOOR AIR DURING THE SUMMER SESSION B 2010 PHASE

NOTE:  
1. TWO STAIRWELLS MUST REMAIN ACTIVE AT ALL TIMES.

1 SECOND FLOOR PHASING DIAGRAM  
PH-102 SCALE: 3/32" = 1'-0"

- PHASING NOTES:
- RELATED DOCUMENTS, DRAWINGS AND CONDITIONS GENERAL AND SUPPLEMENTARY INCLUDING GENERAL AND SUPPLEMENTARY SPECIFICATION SECTIONS APPLY.
  - PHASES OF CONSTRUCTION OVER A SPECIFIED TIME PERIOD. THE GENERAL CONTRACTOR SHALL PROVIDE ALL WORK NECESSARY TO KEEP THE EXISTING SYSTEMS IN A SAFE OPERATING CONDITION. THE GENERAL CONTRACTOR SHALL PROVIDE IN POINTS AND CONNECTIONS TO EXISTING SYSTEMS.
  - THIS PROJECT CONSISTS OF MULTIPLE PHASES. THE GENERAL CONTRACTOR SHALL SUBMIT A TIME-SCALED COMPUTER GENERATED PROJECT SCHEDULE WITH THE WORK FOR THE ENTIRE CONTRACT PERFORMANCE PERIOD. THE PROJECT SCHEDULE SHALL UTILIZE THE CRITICAL PATH METHOD (CPM) FOR THE PLANNING, SCHEDULING AND REPORTING OF THE WORK TO BE PERFORMED UNDER THE CONTRACT. PRECEDENCE DIAGRAMMING METHOD (PDM) DURING HALLWAY, STAIRWAY AND RESTROOM RENOVATIONS. THE CONTRACTOR SHALL PROVIDE TEMPORARY SIGNAGE AT ALL ENTRANCES TO THE BUILDING AND ALL FLOOR LEVELS INDICATING THE CURRENT RESTROOM UNDER RENOVATION AND RESTROOM UNDER RENOVATION. SIGNAGE ON ALL FLOORS SHALL INDICATE SPECIFIC AREAS OF RENOVATION. AREAS OFF LIMITS TO OCCUPANTS, THE NEAREST EGRESS AND NEAREST EGRESS STAIRWAY.
  - TEMPORARILY COVER EXIT SIGNS TO ALLOW SIGNAGE TO BE PROVIDED TO RE-DIRECT OCCUPANTS TO ALTERNATE EGRESS STAIRS.
  - WORK ON THE CORRIDORS SHALL BE LIMITED TO 10:00 P.M. THROUGH 6:00 A.M. ON WEEKDAYS.
  - WORK ON THE CORRIDORS SHALL BE LIMITED TO 10:00 P.M. THROUGH 6:00 P.M. ON SATURDAYS AND SUNDAYS. WITH NO TRIPPING HAZARDS, ADEQUATE LIGHTING AND WHEELCHAIR AND HANDICAP ACCESSIBILITY.
  - THE CONTRACTOR SHALL HAVE ALL EQUIPMENT AND MATERIAL ON SITE PRIOR TO CONSTRUCTION/DEMOLITION PHASE.
  - THE CONSTRUCTION ADMINISTRATOR SHALL PROVIDE INDEPENDENT VERIFICATION THAT ALL EQUIPMENT AND MATERIAL FOR THE CURRENT PHASE IS ON SITE AND MATCHES THE APPROVED SUBMITTAL PRIOR TO THE START OF EACH CONSTRUCTION/DEMOLITION PHASE.
  - THE CONTRACTOR IS REQUIRED TO SUBMIT TO SOUTHERN CONNECTICUT STATE UNIVERSITY A FULL SCHEDULE OF PROPOSED TIME, EQUIPMENT LEAD TIME, WORK SHIFT PHASING, ETC. TO CLEARLY OUT-LINE ANTICIPATED PROGRESS OF WORK AND INSURE SOUTHERN CONNECTICUT STATE UNIVERSITY PHASING REQUIREMENTS.
  - ALL PHASES SHALL BE SCHEDULED FOR 4 WEEKS. THE CONTRACTOR SHALL CARRY ALL WORK SHIFTS TO COMPLETE THE SCHEDULE.
  - THE ORDER AND SCHEDULE OF THE PHASES WILL BE DETERMINED AT A LATER DATE PRIOR TO CONSTRUCTION. SOUTHERN CONNECTICUT STATE UNIVERSITY AND THE DEPARTMENT OF PUBLIC WORKS WILL ISSUE THE PHASING ORDER.
  - ALL TEMPORARY EQUIPMENT INCLUDING BUT NOT LIMITED TO GENERATORS, TRANSFORMERS, EXCHANGERS, PUMPS ETC.) REQUIRED TO MAINTAIN HEATING, DOMESTIC WATER OR ELECTRICAL TO THE EXISTING SYSTEMS SHALL BE PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PLUMBING, ELECTRICAL, MECHANICAL, PIPING, DUCTWORK, ELECTRICAL EQUIPMENT THAT ARE PART OF OTHER PHASES. HEATING, COOLING, DOMESTIC WATER AND ELECTRICAL SHALL BE COMPLETE AND FULLY FUNCTIONAL AT THE COMPLETION OF EACH PHASE.

REVISIONS		DATE		DESCRIPTION	
1	1/10/09	1/10/09	1/10/09	REVISION PRESENT	
2	1/10/09	1/10/09	1/10/09	NO DOCUMENTS	
3	1/10/09	1/10/09	1/10/09	REVISION FOR 90	
4	1/10/09	1/10/09	1/10/09	REVISION FOR 90	



**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC WORKS

**Kohler Roman, LLC**  
Consulting Engineers & Architects  
1410007794/0117 Fax: (860) 799-0108  
Cedarsville@kohlerroman.com

**OKPARK**  
ARCHITECTS  
1410007794/0117 Fax: (860) 799-0108  
cedarsville@okpark.com

Project: **RENOVATIONS - ENNERS HALL**  
Client: **STATE OF CONNECTICUT**  
Location: **NEW HAVEN, CT**

Date: **11/02/09**  
Scale: **3/32" = 1'-0"**  
Project No.: **PH-102**  
Drawing No.: **PH-102**

PHASE/ AREA OF BUILDING	SCHEDULE
	SUMMER SESSION B 2010 - START JULY 15 COMPLETION AUG 12
	SUMMER SESSION A 2011 - START MAY 31 COMPLETION JUNE 28
	SUMMER SESSION B 2010 - START JULY 15 COMPLETION AUG 12 / SUMMER SESSION A 2011 - START MAY 31 COMPLETION JUNE 28
	SUMMER SESSION A 2010 - START JUNE 1 COMPLETION JUNE 29 THESE SPACES WILL REQUIRE TEMPORARY TEMPERED OUTDOOR AIR DURING THE SUMMER SESSION B 2010 PHASE
	WINTER SESSION 2011 - START DEC 19 COMPLETION JAN 16

NOTE:  
1. TWO STAIRWELLS MUST REMAIN ACTIVE AT ALL TIMES

GENERAL NOTES	
SERVES FINE HOODS ONLY: MAU-2, MAU-4, MAU-6 MAU-7, FS-1, FS-2, FS-3 FS-4, FS-5, FS-6, FS-7, FS-8	SUPPLIES OUTDOOR AIR TO FAN COILS MAU-1, MAU-3, MAU-5, MAU-8



1 THIRD FLOOR PHASING DIAGRAM  
PH-103 SCALE: 3/32" = 1'-0"

- PHASING NOTES:
- RELATED DOCUMENTS: DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND OTHER DIVISION 01.
  - THIS PROJECT CONSISTS OF MULTIPLE PHASES OF CONSTRUCTION OVER A SPECIFIED TIME PERIOD. THE GENERAL CONTRACTOR SHALL PROVIDE ALL WORK NECESSARY TO KEEP THE EXISTING SYSTEMS IN A SAFE OPERATING CONDITION. THE GENERAL CONTRACTOR SHALL MAINTAIN ALL MAIN ISOLATION VALVES ETC. AT ALL MAIN POINTS AND CONNECTIONS TO EXISTING SYSTEMS.
  - THIS PROJECT CONSISTS OF MULTIPLE PHASES. THE GENERAL CONTRACTOR SHALL SUBMIT A TIME-SCALED COMPUTER GENERATED PROJECT SCHEDULE WITHIN 14 DAYS OF PROJECT START. THE SCHEDULE SHALL BE FOR THE ENTIRE CONTRACT PERFORMANCE PERIOD. THE PROJECT SCHEDULE SHALL UTILIZE THE CRITICAL PATH METHOD (CPM) FOR THE PLANNING, SCHEDULING AND REPORTING OF THE WORK. THE TYPE OF SCHEDULE SHALL BE DETERMINED BY THE ARCHITECT. PRECEDENCE DIAGRAMMING METHOD (PDM), DURING HALLWAY, STAIRWAY AND RESTROOM RENOVATIONS, THE CONTRACTOR SHALL:
    - PROVIDE TEMPORARY SIGAGE AT ALL ENTRANCES TO THE BUILDING AND ALL FLOOR LEVELS INDICATING THE CURRENT FLOOR, HALLWAYS, STAIRWAYS AND RESTROOMS BEING RENOVATED.
    - PROVIDE TEMPORARY SIGNAGE ON ALL FLOORS SHALL INDICATE THE AREAS OF RENOVATION, AREAS OFF LIMITS TO OCCUPANTS, THE NEAREST EGRESS AND RESTROOM, THE NEAREST EGRESS AND NEAREST EXPRESS STAIRWAY.
    - TEMPORARILY COVER EXIT SIGNS TO MAINTAIN EXISTING EXIT SIGNAGE AND NEW SIGNAGE MUST BE PROVIDED TO RE-DIRECT OCCUPANTS TO ALTERNATE EGRESS STAIRS.
    - WORK ON THE CORRIDORS SHALL BE LIMITED TO 10:00 P.M. THROUGH 6:00 A.M. ON WEEKDAYS.
    - PROVIDE CORRIDORS READY FOR OCCUPANCY BY 6:00 P.M. ON SATURDAYS AND SUNDAYS WITH NO TRIPPING HAZARDS, ADEQUATE LIGHTING AND WHEELCHAIR AND HANDICAP ACCESSIBILITY.
  - THE CONTRACTOR SHALL HAVE ALL THE START OF EACH PHASE ON SITE PRIOR TO THE START OF EACH PHASE ON CONSTRUCTION/DEMOLITION PHASE.
  - THE CONSTRUCTION ADMINISTRATOR SHALL PROVIDE INDEPENDENT VERIFICATION THAT ALL EQUIPMENT AND MATERIAL FOR THE CURRENT PHASE IS ON SITE AND MATCHES THE APPROVED SUBMITTAL PRIOR TO THE START OF EACH PHASE.
  - THE CONTRACTOR IS REQUIRED TO SIGNIT TO SOUTHERN CONNECTICUT STATE UNIVERSITY A FULL SCHEDULE OF PROPOSED TIME, EQUIPMENT LEAD TIME, WORK SHIFT PHASING, ETC. TO CLEARLY OUTLINE THE ANTICIPATED PROGRESS OF WORK AND INSURE SOUTHERN CONNECTICUT STATE UNIVERSITY SOUTHERN REQUIREMENTS.
  - ALL PHASES SHALL BE SCHEDULED FOR 4 WEEKS. THE CONTRACTOR SHALL CARRY ALL WORK SHIFTS REQUIRED INCLUDING SECOND AND THIRD SHIFTS, TO COMPLETE THE PHASE WITHIN THE SPECIFIED PHASE SCHEDULE.
  - THE ORDER AND SCHEDULE OF THE PHASES WILL BE DETERMINED AT A LATER DATE PRIOR TO CONSTRUCTION. SOUTHERN CONNECTICUT STATE UNIVERSITY AND THE DEPARTMENT OF PUBLIC WORKS WILL ISSUE THE PHASING ORDER (INCLUDING BUT NOT LIMITED TO: EXCHANGERS, JUNCTIONS, JUNCTION BOXES, TEMPORARY GENERATORS, TEMPORARY PENS, TEMPORARY HEAT EXCHANGERS, PUMPS ETC.) REQUIRED TO MAINTAIN HEATING, DOMESTIC WATER OR ELECTRICITY TO THE EXISTING SYSTEMS. THE CONTRACTOR SHALL PROVIDE ALL TERMINATIONS (VALVES, FLANGES, UNIONS, JUNCTION BOXES, ETC.) FOR CONNECTION TO FUTURE EQUIPMENT, PIPING, DUCTWORK, ELECTRICAL EQUIPMENT THAT ARE PART OF OTHER PHASES. HEATING, COOLING, DOMESTIC WATER AND ELECTRICITY SHALL BE COMPLETE AND FULLY INSTALLED AT THE COMPLETION OF EACH PHASE.

THIRD FLOOR PHASING DIAGRAM		REVISIONS	
Date	Description	Date	Description
1/24/09	SCHEMATIC DESIGN		
3/17/09	DESIGN DEVELOPMENT		
5/17/09	PP DOCUMENTS		
8/17/09	PERMIT		
12/17/09	AS-BUILT		

	<b>Kohler Romano, LLC</b> Consulting Engineers & Architects 74 (000) 779-0117 Fax: (000) 779-0118 1000 Main Street, Suite 200 Westport, CT 06880	<b>OKPARK</b> ARCHITECTS 1000 Main Street, Suite 200 Westport, CT 06880	Date: 11/02/09 Scale: 3/32" = 1'-0" Project No.: PH-103 Drawing No.: PH-103
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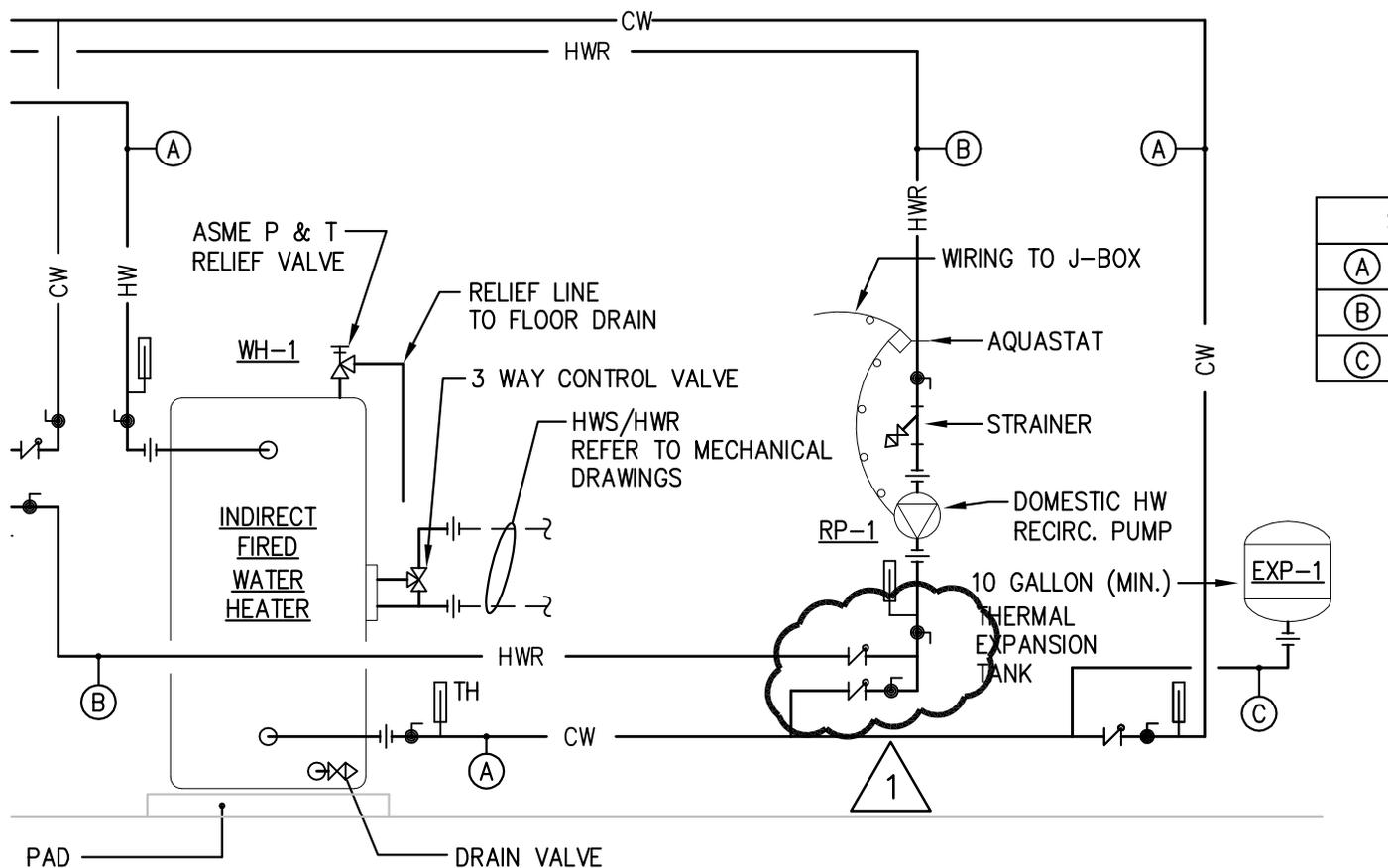
STAINLESS STEEL (TYPE 304)  
OR FRP RELIEF VALVE DRAIN  
TANK. PROVIDE WITH  
SUPPORT LEGS

OF 2 TIMES THE  
DIAMETER OF THE  
DISCHARGE

BACKFLOW PREVENTER DETAIL

4 PIPE PEI  
P-201 SCALE: N.T.S.

CONNECT TO EXISTING  
(TYPICAL)



PIPING DIAGRAM

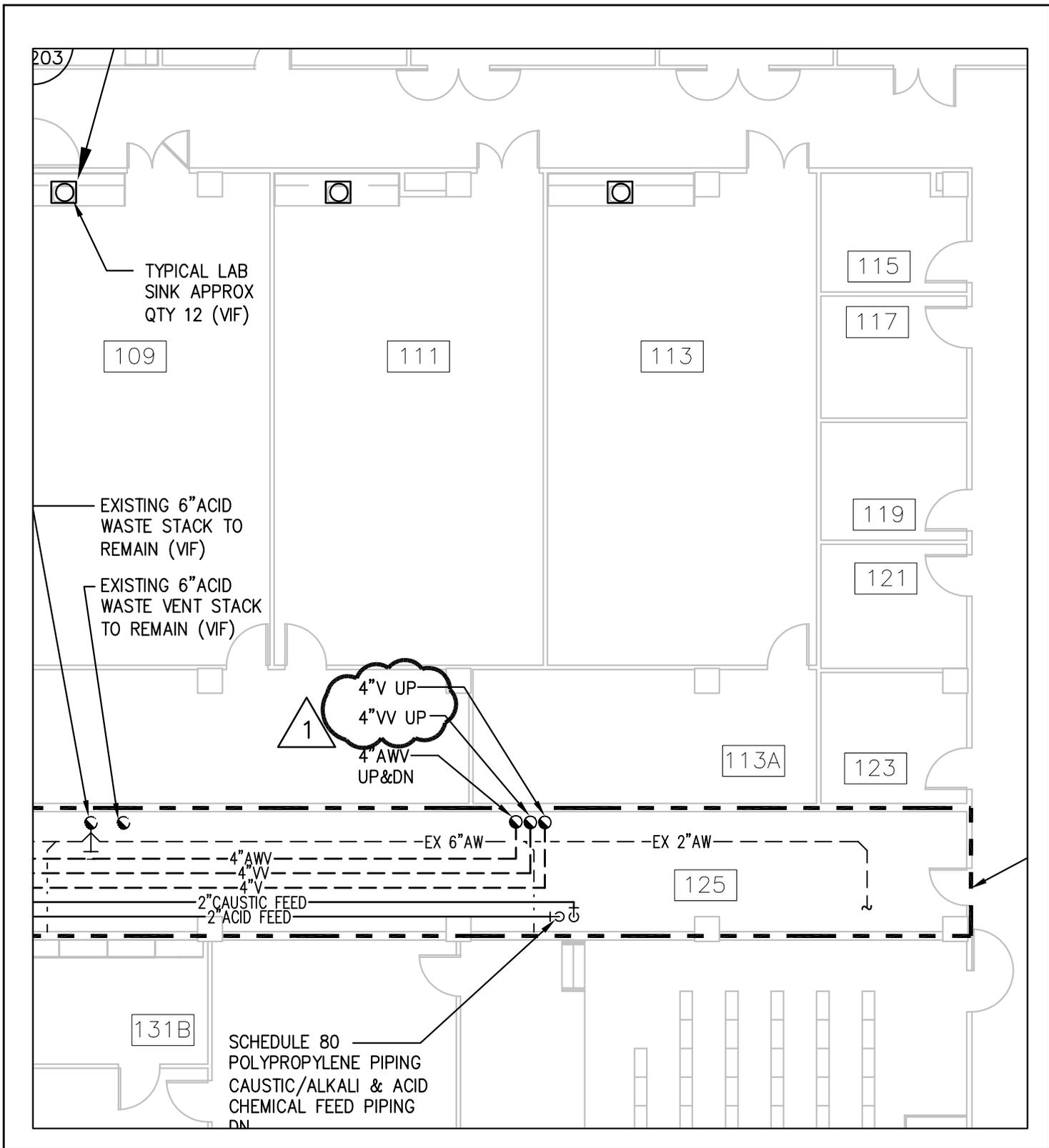
ADDENDUM I

MEP RENOVATIONS - EARL HALL  
SOUTHERN CONNECTICUT  
STATE UNIVERSITY  
BI-RS-248 NEW HAVEN, CT

**Kohler Ronan, LLC**  
Consulting Engineers  
301 Main Street, Danbury CT 06810  
Tel. (203) 778-1017 Fax (203) 778-1018  
E-mail krce@kohleronan.com

**akPark**  
Architects LLC  
312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:  
**SKP-1**  
DATE: 12-11-09  
SCALE: NONE



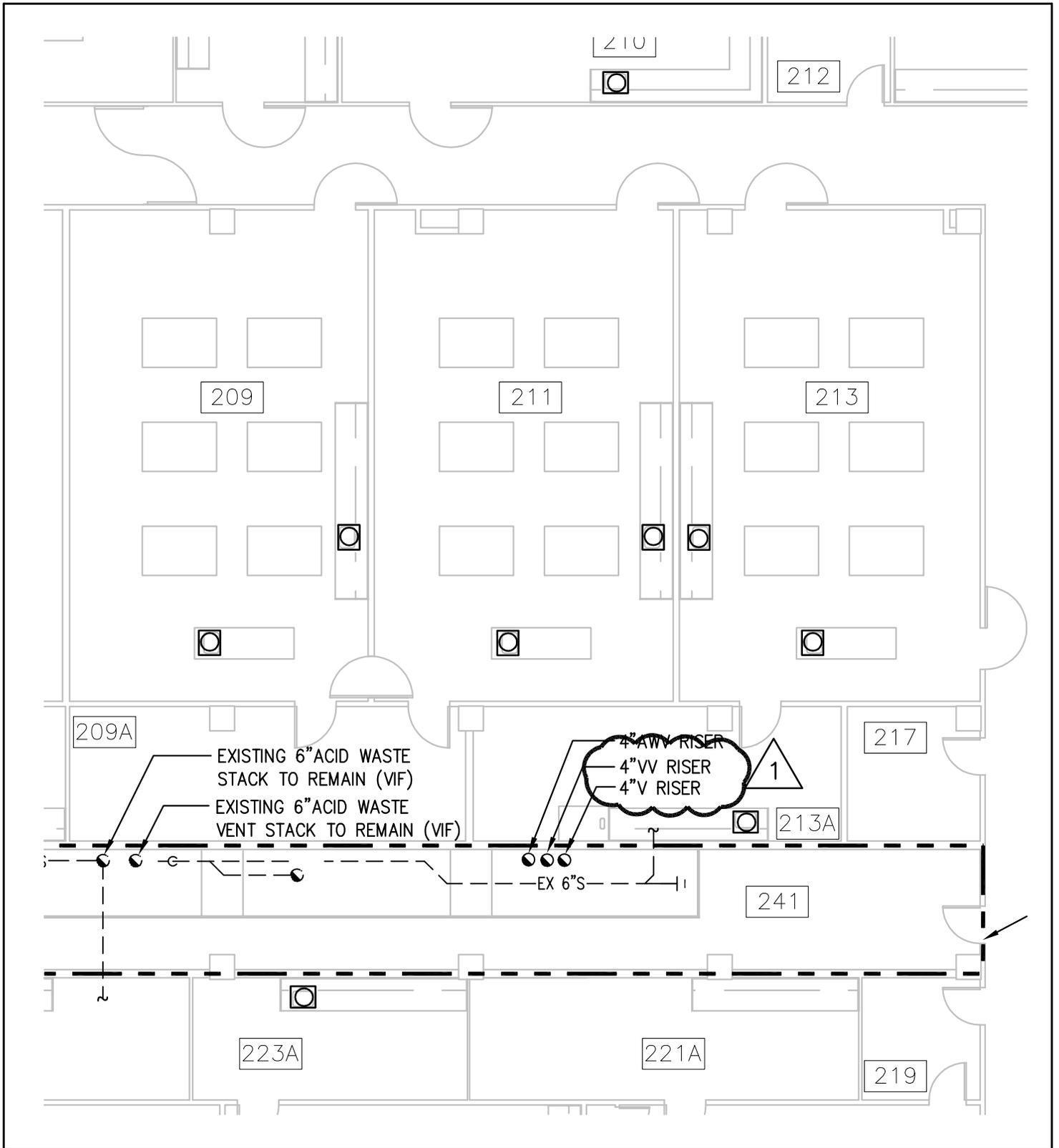
# ADDENDUM I

MEP RENOVATIONS - EARL HALL  
SOUTHERN CONNECTICUT  
STATE UNIVERSITY  
BI-RS-248 NEW HAVEN, CT

**Kohler Ronan, LLC**  
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E-mail krce@kohleronan.com

 **akPark**  
Architects LLC  
312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:  
**SKP-2**  
DATE: 12-11-09  
SCALE: 3/32" = 1'-0"



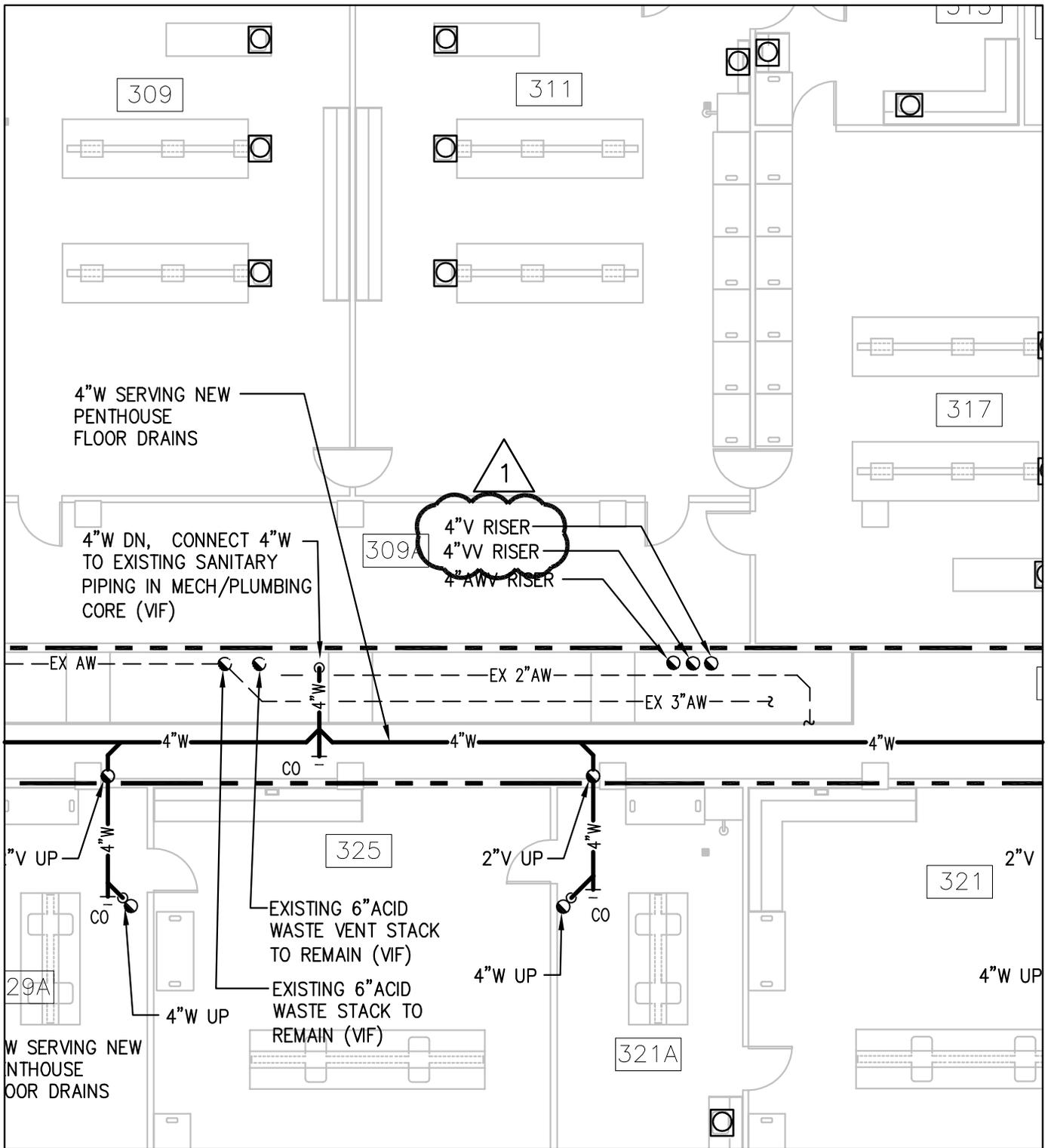
# ADDENDUM I

MEP RENOVATIONS - EARL HALL  
 SOUTHERN CONNECTICUT  
 STATE UNIVERSITY  
 BI-RS-248 NEW HAVEN, CT

**Kohler Ronan, LLC**  
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 E-mail krce@kohleronan.com

**akPark**  
 Architects LLC  
 312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:  
**SKP-3**  
 DATE: 12-11-09  
 SCALE: 3/32"=1'-0"



# ADDENDUM I

MEP RENOVATIONS - EARL HALL  
SOUTHERN CONNECTICUT  
STATE UNIVERSITY

BI-RS-248

NEW HAVEN, CT

**Kohler Ronan, LLC**

Consulting Engineers

301 Main Street, Danbury CT 06810

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E-mail krce@kohleronan.com



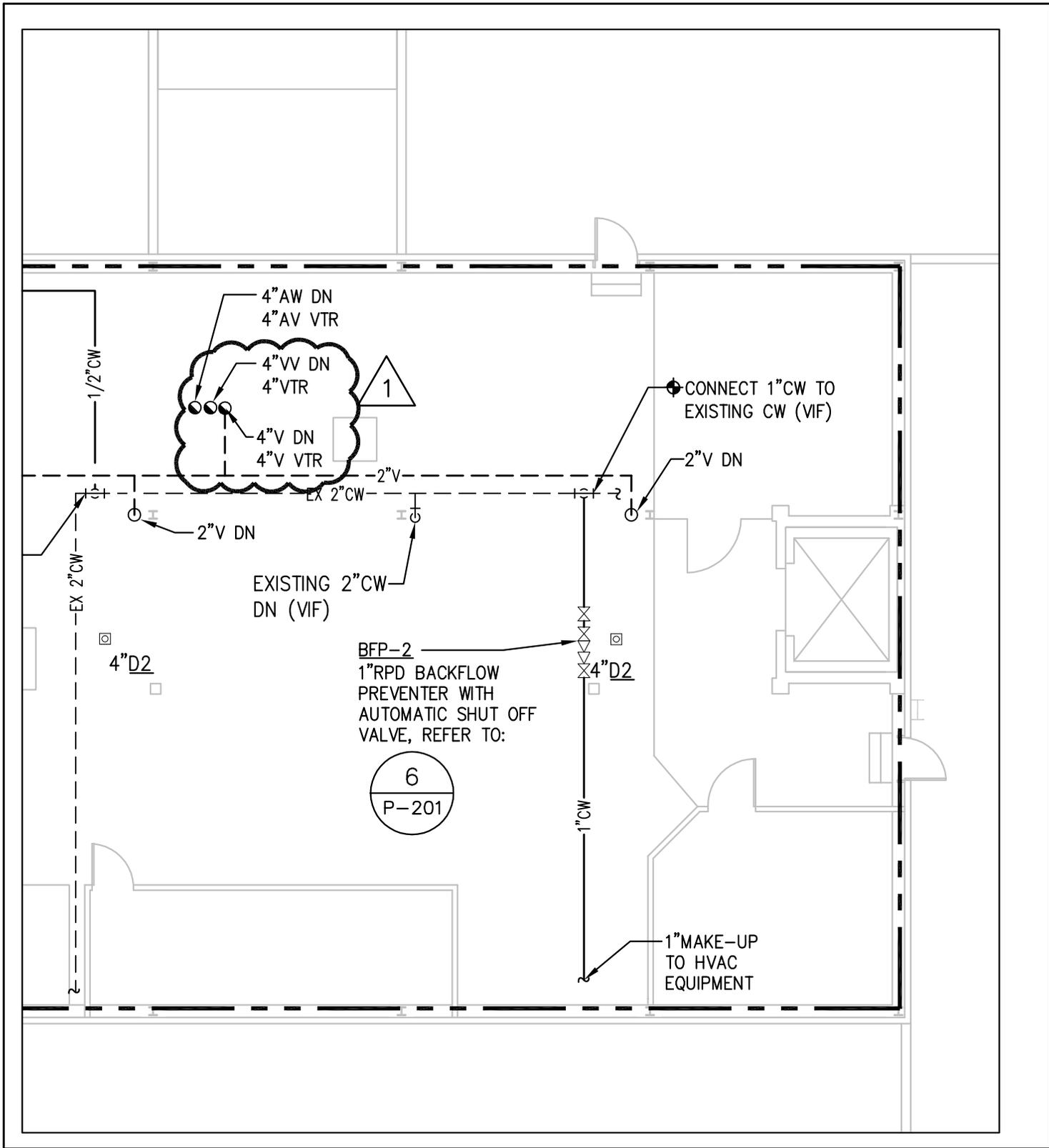
**akPark**  
Architects LLC

312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:

**SKP-4**

DATE: 12-11-09  
SCALE: 3/32"=1'-0"



# ADDENDUM I

MEP RENOVATIONS - EARL HALL  
SOUTHERN CONNECTICUT  
STATE UNIVERSITY

BI-RS-248

NEW HAVEN, CT

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**akPark**  
Architects LLC

312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:

**SKP-5**

DATE: 12-11-09  
SCALE: 3/32"=1'-0"

INVITATION TO BID

FOR PROJECTS ESTIMATED TO COST MORE THAN \$500,000.00

ADV. NO.: 10-13

ADV. DATE: 11/20/09

SEALED BIDS FROM CONTRACTORS WHO HAVE BEEN PREQUALIFIED IN THE DAS CLASSIFICATION NOTED BELOW SHALL BE ADDRESSED TO THE DEPARTMENT OF PUBLIC WORKS - STATE OF CONNECTICUT FOR:

<b>Project Title:</b>	MEP Renovations Jennings Hall, Southern Connecticut State University, New Haven, CT
<b>Project Number:</b>	<b>BI-RS-249</b>
<b>DAS Classification:</b>	Group B – General Building Construction
<b>Special Requirement:</b>	N/A
<b>Cost Estimate Range:</b>	\$3,930,625.00 – \$ 4,344,375.00
<b>Plans &amp; Specs Ready Date:</b>	November 25, 2009
<b>A NON-REFUNDABLE FEE OF PER SET IS REQUIRED</b>	\$ 130.00 Checks should be made payable to “TREASURER, STATE OF CONNECTICUT” and should include the prospective bidder’s correct mailing address, telephone and fax numbers of where addendum(a) should be submitted. <b>USE A SEPARATE CHECK FOR EACH PROJECT.</b>
<b>Examination or Purchase of Plans &amp; Specs</b>	at the State Of Connecticut, <b>Department Of Public Works, Plans And Specifications Section, Room No. G-36, 165 Capitol Avenue, Hartford, CT 06106</b> , during the hours of 7:30 A.M. to 3:00 P.M. (Monday-Friday) or by addressing a request to the above address.
<b>Pre-Bid Conference:</b>	All prospective bidders are required to attend a <b>MANDATORY</b> Pre-Bid Conference.
<b>Pre-Bid Conference Time</b>	to be held at 8:00 AM.
<b>Pre-Bid Conference Date</b>	On December 4, 2009
<b>Pre-Bid Conference Location</b>	At SCSU Facility Building, 615 Fitch Street, Hamden, CT 06514.
<b>Pre-Bid Conference Registration</b>	All prospective bidders are required to <i>properly</i> register. <i>Proper</i> registration means that the attendee has <i>signed</i> his or her name to the <b>official roster</b> and <i>listed</i> the name and address of the company he or she represents on the official roster no later than the designated <b>start time</b> of the pre-bid conference. <b>No</b> attendee will be allowed to register <i>after</i> the advertised start time of the pre-bid conference. <b>Bids</b> submitted by contractors who have <i>not properly</i> registered and attended the pre-bid conference shall be <b>rejected as non-responsive</b> .
<b>Pre-Bid Conference Contact</b>	<b>Robert Sheeley</b>
<b>BID OPENING DATE:</b>	<b>December 22, 2009</b>
<b>Receipt of Bid Package</b>	Bids will be received at the <b>State Office Building, 165 Capitol</b>

	<b>Avenue, Hartford, CT, 06106 in Room No. G-36 UNTIL 1:00 P.M. on the date shown above and thereafter publicly opened and read aloud in Room No. G-32.</b>
<b>Bid Results:</b>	Bid results are posted on the <b>DPW Website</b> in approximately two (2) days after the bid opening date.
<b>Set-Aside Participation</b>	25%
<b>Including MBE/WBE</b>	6.25%
<b>Gift And Campaign Contribution Certification</b>	If awarded the subject contract and the contract has a value of <b>\$50,000</b> or more the contractor will be required to sign and submit, at the time of contract execution, a <b>Gift And Campaign Contribution Certification</b> . See the DPW home page, <a href="http://www.ct.gov/dpw">http://www.ct.gov/dpw</a> , click on <b>Affidavits</b> . For the purposes of signing the Certification, the "date DPW began planning" the subject project or services is such date noted below.
<b>Date DPW Began Planning the Subject Project:</b>	May 14, 2004
<b>Summary and Affidavit Regarding State Ethics</b>	Any one seeking a contract with a value of more than \$500,000 shall provide with their <b>bid</b> an <b>Ethics Affidavit</b> located at <b>CT DPW Website</b> ( <a href="http://www.ct.gov/dpw">www.ct.gov/dpw</a> ). Failure to provide this affidavit with the bid proposal shall result in rejection of the bid.
<b>Bid Security</b>	As <b>security</b> , <i>each</i> bid must be accompanied by a <b>CERTIFIED CHECK</b> made payable to " <b>Treasurer, State of Connecticut</b> ," or the bid must be accompanied by a <b>BID BOND</b> , in the form required by the awarding authority and having surety thereto such Surety Company or Companies as are authorized to do business in this State and/or accepted by the Commissioner of the Department of Public Works for an amount not less than <b>10%</b> of the bid.
Bidders are advised that <b><i>both</i></b> the DEPARTMENT OF ADMINISTRATIVE SERVICES PREQUALIFICATION CERTIFICATE and <b>UPDATE STATEMENT</b> <b><i>must</i></b> accompany the <b>bid</b> proposal for projects <i>estimated to exceed</i> Five Hundred Thousand Dollars (\$500,000.00) (C.G.S. 4b-91 as amended). <b><i>Failure to supply them with the bid will result in rejection of the bid</i></b>	
Department of Administrative Services (DAS) Contractor Prequalification Program: <a href="http://www.das.state.ct.us/busopp.asp">http://www.das.state.ct.us/busopp.asp</a>	
<b>To access Executive Orders:</b> <a href="http://www.ct.gov/governorrell/cwp/browse.asp?a=1719&amp;bc=0&amp;c=18433">http://www.ct.gov/governorrell/cwp/browse.asp?a=1719&amp;bc=0&amp;c=18433</a>	
<b>To access the Department of Public Works Web Site:</b> <a href="http://www.ct.gov/dpw">http://www.ct.gov/dpw</a>	

**Performance and Labor and Material Bonds** to be furnished by the bidder awarded the contract shall be an amount not less than 100% of the contract price.

The Commissioner reserves the right to do any of the following without liability, including but not limited to: (a) waive technical defects in the bid proposal as he or she deems best for the interest of the State; (b) negotiate with a contractor in accordance with Connecticut General Statutes Section 4b-91; (c) reject any or all bids; (d) cancel the award or execution of any contract prior to the issuance of the "Notice To Proceed;" and, (e) advertise for new bids.

*Nonresident contractors: At the time of contract signing a certificate from the Commissioner of Revenue Services must be provided which evidences that C.G.S. 12-430 for non-resident contractors has been met. For details call the Department of Revenue Services at (860) 541-3280, ext. 7.*

**EXECUTIVE ORDERS:**

The Contract is subject to the provisions of Executive Order No. Three of Governor Thomas J. Meskill, promulgated June 16, 1971, concerning labor employment practices, Executive Order No. Seventeen of Governor Thomas J. Meskill, promulgated February 15, 1973, concerning the listing of employment openings and Executive Order No. Sixteen of Governor John G. Rowland promulgated August 4, 1999, concerning violence in the workplace, all of which are incorporated into and are made a part of the Contract as if they had been fully set forth in it. At the Contractor's request, the Client Agency shall provide a copy of these orders to the Contractor. The Contract may also be subject to Executive Order No. 7C of Governor M. Jodi Rell, promulgated July 13, 2006, concerning contracting reforms and Executive Order No. 14 of Governor M. Jodi Rell, promulgated April 17, 2006, concerning procurement of cleaning products and services, in accordance with their respective terms and conditions.

This contract is subject to the provisions of the Department of Public Works **Sexual Harassment Policy** ("Policy") and, as such, the contract may be canceled, terminated, or suspended by DPW for violation of or noncompliance with said Policy. Said document is hereby incorporated herein by reference and made a part hereof as though fully set forth herein. This policy may be found at the Department of Public Works Website at <http://www.ct.gov/dpw>, under **Publications**.

All **technical** questions must be in writing (not phoned or emailed) and faxed to the **Architect/Engineer** with a copy to the **DPW Project Manager** listed below.

Engineer: Kohler Ronan Consulting Engineers Fax No: 203-778-1018  
301 Main Street, Danbury, CT

Architect Oak Park Architect Fax No: 860-232-6121  
312 Park Road, West Hartford, CT

DPW Project Manager: Robert Prentice Fax No: 860-713-7273

All **bid** questions should be addressed to the **Officer** listed below.

Associates Fiscal Barbara Bergeron Fax No: (860) 713-7395  
Administrative Officer:

Contract Time Allowed: 455 Calendar Days

Liquidated Damages: \$ 3225.00 Per Calendar Day beyond Substantial Completion

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Prevailing Wage Rates: Prevailing wages are required on this project, in accordance with the schedule provided in the bid documents, pursuant to Connecticut General Statutes Section 31-53 (a) through (h), as amended.

Each contractor who is awarded a contract on or after October 1, 2002 shall be subject to provisions of the Connecticut General Statutes, Section 31-55a concerning **annual adjustments** to prevailing wages.

Wage Rates will be posted each **July 1<sup>st</sup>** on the **Department of Labor website:** [www.ctdol.state.ct.us](http://www.ctdol.state.ct.us) . Such prevailing wage adjustment shall not be considered a matter for any contract amendment.

The wages paid on an hourly basis to any mechanic, laborer or workman employed upon the work herein contracted to be done and the amount of payment or contribution paid or payable on behalf of each such employee to any employee welfare fund, as defined in subsection (h) of section 31-53 of the Connecticut General Statutes, shall be at a rate equal to the rate customary or prevailing for the same work in the same trade or occupation in the town in which such public works project is being constructed. Any contractor who is not obligated by agreement to make payment or contribution on behalf of such employees to any such employee welfare fund shall pay to each employee as part of his wages the amount of payment or contribution for his classification on each pay day.

Procurement  
Department of Public Works