ADDITIONS AND MAJOR RENOVATIONS AT
HARVARD H. ELLIS TECHNICAL HIGH SCHOOL
613 UPPER MAPLE STREET
DANIELSON, CONNECTICUT
PROJECT BI-RT-841

BID OPENING	**1:00 P.M.**	**AUGUST 3, 2011**
ADDENDUM NUMBER 3	**DATE OF ADDENDUM**	**JULY 25, 2011**

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

Item 1
All Requests for Information (RFIs) have been reviewed and responded to as deemed necessary in bid addenda. Bidders are instructed to bid the contract documents and all addenda as they read.

Item 2
The following full-size Drawings were issued in Addendum No. 1. The dates on these Drawings have been revised to July 25, 2011, and attached to this Addendum (these Drawings supersede the PCB series Drawings issued with Addendum No. 1):

1. **PCB-101** " PCB-Containing Caulking and Glazing Locations"
2. **PCB-101AA** "PCB-Containing Caulking and Glazing Locations- Part AA"
3. **PCB-101BB** "PCB-Containing Caulking and Glazing Locations- Part BB"
4. **PCB301** "PCB-Containing Caulking and Glazing Locations- Elevations"
5. **PCB302** "PCB-Containing Caulking and Glazing Locations- Elevations"
6. **PCB303**
7. **PCB304**

The following full-size drawings were issued in Addendum No. 2:

8. **GP01-MEP**
9. **GP03-MEP**
10. **GP04-MEP**
11. **GP05-MEP**
12. **C201**
13. **C301**
14. **L201**
15. **L202**
16. **L301**
17. **S101K**
18. **S301K**
19. **A101K**
20. **P101C**

All of the drawings noted above are now available in a single PDF file on the DPW (a/k/a DCS) website. The PDF also includes the new Drawing issued by and attached to this Addendum, as per Item 3 below.

Item 3
New Drawing dated July 25, 2011 and attached to this Addendum:

1. **M100** "Basement Plan – HVAC"

Item 4
New Sketch Drawings, dated July 25, 2011, and attached:

1. **ASK-11** "CW8 Clarification"
2. **ASK-12** "CW3-4-4A Clarification"
3. **SKM-01**
4. **SKM-02**
5. **SKM-03**
6. **SKM-04**
7. **SKM-05**
8. **SKM-06**
9. SKM-07 – 26 previously issued
10. **SKM-27**
11. SKM-28 previously issued
12. **SKM-29**
13. **SKM-30**
14. **SKM-31**
15. SKM-32 + 33 previously issued
16. **SKM-34**
17. **SKM-35**
18. **SKM-36**
19. **SKM-37**
20. SKM-38-39 previously issued
21. **SKM-40**
22. **SKM-41**
23. **SKM-42**
24. **SKP-10** " Revised Radon Piping"

REVISIONS TO TECHNICAL SPECIFICATIONS: Technical Specifications are hereby amended as follows:

Item 5 DIVISION 1 SPECIFICATIONS
Specification Section 01 1100 – Summary of Work: **DELETE** Paragraph 1.10 – H and **SUBSTITUTE** with the following:

H. PMWeb Project Management System:

1. The State of Connecticut Department of Construction Services (CTDCS) is using **PMWeb** as the project management collaborative software tool for this project.

2. The General Contractor is required to utilize PMWeb for the duration of this project, including project closeout (i.e. Contract Duration + 90 days) and shall provide all project information via this program. This includes, but is not limited to contracts, applications for payment, change orders, requests for information, submittals, daily reports, etc.

3. The General Contractor is required to purchase **five (5)** full PMWeb licenses to be utilized on the CT DCS PMWeb Hosted System from PSSGroup, Inc. and maintain the licenses, software support, and hosting services through the duration of this project. These licenses will be assigned to members of the project team. At end of the project, these licenses shall be turned over to the CT DCS. The cost for the licenses, support of the licenses, and hosting fees shall be included by the General Contractor in the General Conditions costs for this project.

4. The General Contractor shall provide for two (2) days of formal PMWeb training as directed by the Construction Administrator or DCS Project Manager for the GC, Construction Administrator, Owner, and their representatives. Training will be conducted at the DAS Conference/Training Room at the State Office Building, at 165 Capitol Avenue, Hartford, CT 06106. The training shall be coordinated through the DCS Project Manager and DCS **PMWeb** Staff. The cost for the training shall be included by the General Contractor in the General Conditions costs for this project.

5. The General Contractor shall contact PSSGroup, Inc. for the licenses and training at http://www.pmweb.com **[Phone:** (617) 207-7080 [**Fax:** (978) 246-0248.

6. Connecticut Department of Construction Services (CTDCS) have established a project specific email "file" address for this project. The file address is rt841@dpwprolog.org The General Contractor shall send an electronic "file" copy of all project documents to this email address, to include but not limited to all project correspondence, project emails, forms, etc.

7. The General Contractor shall electronically scan all documents not created in PMWeb. These scanned document files shall be uploaded and maintained in the PMWeb Document Management System for this project and linked to the corresponding record in PMWeb.

Item 6 ARCHITECTURAL SPECIFICATIONS

Specification Section 08 000 – Door and Frame Schedule

1. At Part 3.2:

   a. Door Nos. C-421 and C-422: **REVISE** Frame Type from AF1 to AF8.
   b. Door No. C-423A-B: **REVISE** Frame Type from AF1 to AF8.

Specification Section 08 5113 – Aluminum Casements and Fixed Windows

1. At 1.2-A-2 **ADD** new clause: "a. Provide screens at all operable vents."
2. At Article 2.3, **ADD** new paragraph:

   C. Screens:
      1. Screen frames shall be extruded.
      2. Screen mounting holes in the window frame shall be factory drilled.
      3. Screen mesh shall be aluminum or fiberglass.

Item 7 MECHANICAL SPECIFICATIONS

Specification Section 23 113 “Hydronic Piping”.

Par. 2.2.E Added “Grooved Mechanical Joint Fitting and Coupling” :

a. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

b. Basis-of-Design Product: Subject to compliance with requirements, provide product by the following:

1. Victaulic Company of America.

c. Joint Fittings: ASTM A 536, Grade 65-45-12 ductile iron; ASTM A 47/A 47M, Grade 32510 malleable iron; ASTM A 53/A 53M, Type F, E, or S, Grade B fabricated steel; or ASTM A 106, Grade B steel fittings with grooves or shoulders constructed to accept grooved-end couplings; with nuts, bolts, locking pin, locking toggle, or lugs to secure grooved pipe and fittings.

d. Couplings: Ductile- or malleable-iron housing and synthetic rubber gasket of central cavity pressure-responsive design; with nuts, bolts, locking pin, locking toggle, or lugs to secure grooved pipe and fittings.

Par. 2.2.F Added “Press Fittings”:

Manufacturers: Subject to compliance with requirements, provide products by the following:

a. Basis-of-Design Product: Viega.
b. System type: ProPress
c. Housing: Steel or copper.
d. O-Rings and Pipe Stop: EPDM.
e. Tools: Manufacturer's special tool.

Specification Section 23 0993 “Sequence of Operations for HVAC Controls”

a. Par. 3.11.F – **ADD** fan EF-44 to list of fans.
b. Par. 3.11.H – **MODIFY** list of fans – “24 HOUR RADON FANS RF-1 THRU RF-5.
c. Par. 3.11.I – **MODIFY** list of fans – “GARAGE EXHAUST FANS EF-40 THRU EF-43.
d. Par. 3.11.I.4 – **ADD** “and NO2 control” after “CO” and “NO2 sensor” to Points List.
e. Par. 3.11.J – **ADD** “AUTOMOTIVE TECHNOLOGY JR/SR PRODUCTION AND AUTOMOTIVE TECHNOLOGY FR/SOPH LAB CO AND NO2 CONTROL”

1. If level of CO or NO2 in rooms exceeds maximum acceptable level, an alarm shall be indicated at the head end and emergency light and horn shall be activated. System AHU-1 shall start work in economizer mode (100% of outside air).

f. Par.3.6 - **ADD** CO and NO2 control to Points list for system AHU-1.
g. Par.3.11.K – **ADD** “CO control in Kitchen rm. 223B and Culinary Arts rm. 241

If level of CO in rooms exceeds maximum acceptable level, an alarm shall be indicated at the head end and emergency light and horn shall be activated. System RAHU-18 (for Culinary Arts rm. 241) and system RAHU-19 (for Kitchen rm. 223B) shall start work in economizer mode (100% outside air).

h. Par.3.6.L – **ADD** "Supply Fans for Existing Tunnel and Basement Ventilation"

1. Supply fan shall operate 24 hours per day, but shall be monitored by the DDC for status. If the fan should fail to operate, an alarm shall be indicated at the head end.

Points List:

Supply Fan S/S	DO
Supply Fan Status	DI

i. Roof top units from RAHU-6 through RAHU-14, RAHU-16, RAHU-19, indoor unit AHU-1-units run continuously to maintain the positive pressure in service areas. The return fan shall be controlled from building static pressure sensors located as recommended by the sensor manufacturer.

j. Roof-top units RAHU-15, RAHU-17, RAHU-19 – units run continuously to maintain negative pressure in service areas. The return fan shall be controlled from building static pressure sensors located as recommended by the sensor manufacturer.

Specification Section 23 3113: At par. 1.2 – **ADD** "C. Metal duct construction, thicknesses, seam, support, structural performance, etc. shall comply with SMAGNA's 2006 "HVAC Duct Construction Standards – Metal and Flexible".

Specification Section 23 3113 - "Metal Duct": **CLARIFICATIONS**:

Par 3.11 D.8 – **PROVIDE** double wall ductwork as specified in this paragraph.
Par 3.11 D.9.d – **ADD** "all" between "VAV box to " and "Supply diffusers"
Par 3.11, D.9.a, D.9.b, D.9.c – **PROVIDE** duct liner as specified in these paragraphs.

Specification Section 23 3300 - "Air Duct Accessories"

Contractor shall provide product that agrees with Par 2.8.

Specification Section 23 3713 - "Diffusers, Registers, and Grilles"

a. **PROVIDE** solid aluminum construction diffusers, grilles, registers.
b. Contractor shall coordinate type of frame for ceiling diffusers with type of ceiling in particular place. See reflected ceiling plans dwgs. from A201A through A201J.

Specification Section 23 2300: At par. 3.6.B – **ADD** "C. PERFORMANCE REQUIREMENTS

"If more than one type of refrigerant is required for Project, retain applicable paragraphs and subparagraphs below and indicate on Drawings which piping circuit requires which refrigerant.

a. Line Test Pressure for Refrigerant R-134a:

i. Suction Lines for Air-Conditioning Applications: 115 psig (793 kPa).

ii. Hot-Gas and Liquid Lines: 225 psig (1551 kPa).

b. Line Test Pressure for Refrigerant R-407C:

i. Suction Lines for Air-Conditioning Applications: 230 psig (1586 kPa).
ii. Hot-Gas and Liquid Lines: 380 psig (2620 kPa).

c. Line Test Pressure for Refrigerant R-410A:

i. Suction Lines for Air-Conditioning Applications: 300 psig (2068 kPa).
ii. Hot-Gas and Liquid Lines: 535 psig (3689 kPa).

d. Maintain pressure for 2 hours with no leakage or reduction in gage pressure."

Specification Section 23 5100: At par. 3.3.A – **ADD** "2005 edition" before NFPA 211.

Specification Section 23 5216: At par. 3.2.C – **ADD** "2009 edition" before NFPA 54.

Specification Section 23 6426: At par. 1.5.D – **ADD** "2005 edition" before NFPA 70.

Item 8
REVISIONS TO DRAWINGS: Drawings are hereby amended as follows:

Drawings GP11-MEP - Phasing Partial Plans –Temporary Hairdressing Cafeteria HVAC

2. See Sketch SKM-1 – "Schedule Revision" – **ADD** schedule for temporary equipment (condensing units and DX cooling coils).

Drawing A605:

1. Note at Elevation CW5 refers incorrectly to Supplemental Bid #2 – this should be revised to Supplemental Bid #1.
2. **ADD** the following note at CW6: "Note: CW6 is included in Supplemental Bid No. 1".
3. **CLARIFICATION:** See attached ASK-11. Decorative face cover at aluminum framing to be installed at one vertical and one horizontal mullion on CW8. See attached ASK-12 for similar clarifications regarding face cover locations on CW3, CW4 and CW4A.

Drawings – Mechanical – General:

1. For duct penetration through combination of two 2-hour exterior walls, provide two fire dampers (one for each wall), one flex duct connection and rated access doors required for fire dampers installation.
2. Provide smoke damper for transfer grilles from corridor to rooms:

   Part B – RM 301
   Part E2 – RM 216
   Part S - RMs 122F, 129

3. Sketches SKM-08, SKM-09 – Tunnel ventilation – **REVISE** reference sketch SKM-31 in lieu of indicated sketch SKM-35.

DWG. M100 – Basement Plan – HVAC – **ADD** new drawing.

DWG. M101A – First Floor HVAC Ductwork Plan – Part A

a. See Sketch SKM-6 – "Existing Exhaust Fan Relocation" – **RELOCATE** existing exhaust fan rm. 318H.

DWG M101B – First Floor HVAC Ductwork Plan – Part B:

1. See Sketch SKM-3 – "SF-1 and SF-2 Revision"
2. See Sketch SKM-27 – **ADD** tunnel ventilation system SF-3

DWG. M101B – First Floor HVAC Ductwork Plan – Part B

a. See Sketch SKM-27- **ADD** Tunnel Ventilation Systems

DWGs. M101B, M101E1-F – First Floor HVAC Ductwork Plans – Parts B, E1-F

a. See Sketch SKM-34 – "First Floor Ductwork Partial Plans – Parts B, E1-F" – **ADD** tunnel ventilation systems

Dwg. M101C – First floor HVAC ductwork plan – Part C.

a. **PROVIDE** flex connector to grilles SWS-1 RM 423A, Column line F2.1
b. **PROVIDE** fire dampers for 3-duct route through 2 hour rated wall. Part C wall at column line F2 between RM 423A and RM 237.

DWG. M101GH – First Floor HVAC Ductwork Plan – Part G

See Sketch SKM-29 – "First Floor Ductwork Partial Plan – Part G" – **ADD** tunnel ventilation systems.

DWG M102C – First Floor HVAC Piping Plan –Part C

1. See Sketch SKM-4 – "AHU-1 Piping Revision" – **MODIFY** HWS/R pipe branch to unit AHU-1.

DWG. M102E1-F – First Floor HVAC Ductwork Plans – Parts B, E1-F

a. See Sketch SKM-36 – "First Floor HVAC Piping Plan – Part E1-F" – **ADD** pipe connection from HWS/R main line to basement.

Dwg. M201B – Roof HVAC Plan –Part B

1. See Sketch SKM-42 –"Roof HVAC Partial Plan – Part B" – **ADD** radon exhaust fan RF-8.

DWG. M201GH – Roof HVAC Plan – Parts C, G, E1-F

1. See Sketch SKM-30 – "Roof HVAC Partial Plans – Parts C, G, E1-F" – **ADD** tunnel ventilation systems and radon exhaust fan RF-9.

2. See Sketch SKM-41- "Radon Exhaust Fans Location" – **ADD** radon exhaust fans RF-6, RF-7

Dwg.M306 – HVAC Schedule

1. See Sketch SKM-40 – "Process Fans Schedule" - **ADD** radon exhaust fans from RF-6 thru RF-9.

DWG M306 – HVAC Schedule

1. See Sketch SKM-2 – "Supply Fans Schedule" – **ADD** and **MODIFY** supply fans SF-1 thru SF-7.

DWG. M404 – HVAC Details

1. See Sketch SKM-37 – "Detail – Of Sidewall Register with Fire Damper" – **ADD** detail of sidewall register with fire damper.

DWG. M405 – HVAC Details

1. See Sketch SKM-31 – "Detail – Existing Tunnels Ventilation" – **ADD** detail of tunnel ventilation systems.

DWG M407 – HVAC Details

a. See Sketch SKM-5 – "Duct Penetration Detail" - **ADD** detail

DWG. M407 – HVAC Details

1. See Sketch SKM-35 – "Automatic Smoke Damper Installation" – **ADD** detail of smoke damper.

Drawings P101 G+H, P101E.2, P202G+H, P101E.2, P101B, P101E.1+F – See Sketch SKP-10 for **ADDED** Radon pits, piping and general plumbing.

DWG EP101B – First Floor Power Plan – Part B

a. **ADD** duct smoke damper, duct smoke detector and remote test switch to electrical room 301. See addendum #2 sketch SKEP-15 for detail.

DWG EP101C – First Floor Power Plan – Part C

b. **REVISE** electrical requirements for sewage ejector pumps as follows. Provide 2#12, #12G, ¾"C from a 20A-1P breaker in the modular classroom panel to the

sewage ejector panel. Provide a thermal overload disconnect switch for each of the duplex sewage ejector pumps. Provide raceway for control wiring between sewage ejector pumps and control panel.

DWG EP101E2 – First Floor Power Plan – Part E (East)

c. **ADD** duct smoke damper, duct smoke detector and remote test switch to electrical room 216. See addendum #2 sketch SKEP-15 for detail.

DWG EP101J – First Floor Power Plan – Part J

d. **ADD** duct smoke damper, duct smoke detector and remote test switch to electrical rooms 122F and 129. See addendum #2 sketch SKEP-15 for detail.

DWG EP102 – Overall Roof Plan Electrical

e. **ADD** circuits for radon fans RF-6, RF-7, RF-8 and RF-9. See sketches SKM-30, SKM-40, SKM-41 and SKM-42 for locations and additional information. Circuit shall be 2#12, #12G, ¾"C for each fan. RF-6 and RF-7 shall be connected to a 15A-1P breaker in panel PP4C. RF-8 shall be connected to a 15A-1P breaker in panel PP5E. RF-8 shall be connected to a 15A-1P breaker in panel KP1D.

DWG EL101K – First Floor Power Plan – Part K

f. **PROVIDE** a 2#12, #12G, ¾"C branch circuit to a GFI weatherproof duplex receptacle at each of the six bus bays in the garage. Circuit shall originate from a 20A-1P breaker in panel PP6. The outlets shall be located at the doors between column lines KD and KG due to the fact that the diesel buses are typically backed into the bays and warmed up in cold weather.

Drawing ES001: **REVISE** location of "future sculpture" and associated electrical service – the correct location for the sculpture is shown on L201.

Item 9 PRE-BID CONFERENCE SIGN-IN SHEET

A copy of the original sign-in sheet from Pre-Bid Conference, dated July 14, 2011, is attached to this addendum.

Item 10 EQUAL/SUBSTITUTION REQUESTS

The following Equal/Substitution Requests are Approved by the Architect:

1. BASWAphon (09 2313).

2. American Visual Display Products (10 1100)

Item 11 BIDDERS' QUESTIONS

Q1: Please note that we get our plans from Dodge. On their plans they gave no indication as far as what the height of the wire mesh partitions are supposed to be (Section 102213). Do you know what they height of these partitions are to be.

A1: There is a typical detail 5C/A703 that shows how to determine the height of the partitions. Height varies per ceiling height and/or height to bottom of exposed joists or beams, so the range is approximately from 9'-6" to 13'-6".

Q2: DEDICATION PLAQUE: THERE IS NO SIZE INDICATED IN THE SPECIFICATION. WE AS "THE BIDDER" CANNOT BE RESPONSIBLE FOR DETERMINING THE SIZE OF THE PLAQUE. (i.e.) STANDARD SIZES ARE USUALLY 24 X 30 OR 24 X 36.

A2: Assume 24 x 36 for purpose of bid.

Q3: *PHASING SCHEDULE: IS THERE A COMPLETION DATE ESTABLISHED FOR THE COMPLETION OF EACH PHASE? THIS HELPS TO ESTABLISH MATERIAL DELIVERIES AND ESCALATION COSTS.*

A3: No – time will be indicated on the formal GC submitted schedule.

Questions Q4 through Q7 reference Spec Section 01 3516 - Paragraph 3.1.C.1 and Drawings ASB101, ASB101AA, ASB101BB:

Q4: Can you please clarify that "Owner is responsible for abating all ACM that is visible, and accessible."

A4: This paragraph should be deleted. The contractor is responsible for all ACM removal (accessible and concealed).

Q5: Is the ACM work on the roof subject to the time limitations of work being done off regular school hours?

A5: So long as the roofing material is removed and transported to the waste container without the asbestos becoming friable, roofing removal work is not subject to the time limitation and may be accomplished during regular school hours. Should the material become classified as friable by the removal method (saw cutting) or by being mishandled, or should it fall into the building the work associated would be subject to the after hours provisions.

Q6: Is the PCB, PCT, and DEHP abatement subject to the time limitation of off regular school hours?

A6: Removal of hazmat items such as light ballasts and lamps is not subject to the the limitation of off regular school hours. Removal of door or window caulking or glazing containing asbestos/PCB is subject to after hours requirements

Q7: Can you please define regular school hours, school holidays, school winter recess and summer recess?

A7: "Regular school hours" is the period students are in class (academic schedule). After hours activities are not included as regular school hours but are addressed as partial occupancy in the CT DPH school-in-session requirements.

Also see Section 01 11 00 Summary of Work Paragraph G.
Also defined in General Conditions Article 37 Hours of Work.

The school hours are 7:00am to 2:45 pm –see full school calendar on school website page for all holidays and vacations

The web page for the 2011-2012 school calendar is http://www.cttech.org/ellis/main-news/2011-12%20Calendar%20ELLIS%20%2010%20-%20Trades%2006-10-11.pdf

Link to the school's main page is: http://www.cttech.org/ellis/

The following school years -- 2012-2013 and 2013-2014 and 2014-2015 -- although not currently posted on the school web page, will be similar in approximate time and durations.

Q8: Ref. Spec section 05 7500 decorative formed metal; Part 1.2 - A.1 "Interior column covers": In what locations are these "interior column covers" found? We have looked at the wall sections & details and can't find where these interior column covers are located. Please advise if we are to provide under misc metals.

A8: See plan A101E.2 and detail 3D/A504.

Q9: On detail section 12/S401 there is a guard rail system called out "Galv guardrail system- see arch". Is this a new or existing guard rail? If new, in what locations are these to be provided? Can only find two existing guardrail systems adjacent to two existing AHU's. Please advise if we are to provide under misc metals.

A9. That note on detail 12/S401 references guardrail that was installed in a previous phase and should be disregarded.

Q10: Steel RFIs

3. *On Drawing S301E.2 on Line EN from Line E5 to E7 the beam size is unclear. Please provide beam size.*
4. *Note 14/S301A states "Remove existing beam where indicated on dwg after installation of new beams." What trade contractor is responsible for removal and disposal of existing steel?*
5. *On drawing S301B there is a note North of Line B2 toward the bottom of the plan that says "Provide temporary shoring of existing roof steel framing to allow for demolition of existing masonry wall and installation of new steel beams." What trade contractor is responsible for shoring and engineering of the shoring?*
6. *Note 18/S301B states " Field verification of existing connection capacity is required at noted locations. Contact structural engineer after connection is exposed and prior to new steel installation." If additional material and/or labor is required as a result of the structural engineer evaluation, will this be treated as a change order to the contract?*

A10.

1. Beam size = W27x84
2. Coordinate with GC
3. Coordinate with GC
4. If additional material and/or labor is required as a result of the structural engineer evaluation, - the extra work and labor will be treated as a change order.

*Q11: On **drawing L503** detail #5 shows a guardrail (handrail) on top of a retaining wall. A note on this drawing states "see structural". I cannot find any retaining walls on the structural drawings.*

A11: See S101E2, upper left corner and 11/S211.

***Q12: Drawing L505** detail #5 shows a retaining wall with a fence on top of it. Is this the same retaining wall as mentioned above? Could you please provide the locations where the retaining walls that require a guardrail/handrail are needed?*

A12: Yes; see A11 above.

Q13: RFI #1

1. *Frame type SF35 on A608 calls for storefront but detail 1A/A620 shown is curtain wall. Which is correct?*
2. *Should frame types CW5 and CW6 shown as supplement #2 on A6.05 read supplement #1? Also should frame SF50 be marked as supplement #1?*
3. *A620 shows face cover types A, B and C for the curtain wall. Please advise where these occur as all details show a standard cover.*
4. *Please confirm that curtain wall types CW5 and CW6 are segmented, not radius.*

A13:
1. Storefront. Reference indicates we're looking for similar "box" detail for this item.
2. Yes and Yes
3. Face cover types are referenced on the building elevation sheets (A301-A306).
4. They are segmented.

Q14: RFI #2.

1. *The following frame types shown on A604 don't seem to appear on the door schedule: AF3A, AF3B, AF8 and AF8A. Please confirm they don't exist.*
2. *Drawing A604 shows a type MS aluminum door with and without a midrail. Please advise which doors receive a midrail.*
3. *Note on A604 states classroom side lites to receive type CV-1 glass. Frames at science labs call for rated glazing. Type CV-1 is not rated (Ex: see DR#J125A frame type AF6) Please clarify.*
4. *Section 08513 does not specify any window hardware; do we figure Efco standard? Also no screens are called for, are they required?*
5. *084113 2.5 A 2A calls for 10" bottom rail. Elevation MS on A604 shows 6-1/2". Which is correct?*

A14:
1. AF3A and AF3B are referenced on the Door Schedule. AF8 is for single leaf doors with sidelights in 2-hour partitions (or fire barriers) – see Revisions to Technical Specifications included in Addendum 3. AF8A is not used.
2. No aluminum doors have midrails.
3. See Spec Section 08 0000 – Door and Frame Schedule, 3.1-I-3 regarding use of Glass Types FR1 and FR2 in rated partitions.
4. Yes and yes.
5. 10"

Q15: 084113 2.8 D states provide Efco #6448 trim at the framing system where shown. Please see Attached detail of the 6448 trim. Trim details 6448 is not shown on drawing A622. Please clarify.

A15. See response to Q13, item 3 above, for Drawings that show trim references and locations.

Q16: Woodwork/Casework

1. *The specs in Section 06 4023 require "white birch" for the wood veneers and solid hardwood. Does "white" refer to a species (i.e. American White Birch or "Paper Birch"), or does "white" indicate sapwood only (i.e. no heartwood) from regular yellow birch?*
2. *The specs in Section 06 4023, paragraph 2.9 "Wood Cabinets (Mail Sorter)for Opaque Finish" indicate that the mail sorter is fabricated from MDF (both exposed and semi-exposed surfaces), with solid wood trim. However 6E/A801 is a section through the mail sorter and it shows hardwood veneer plywood at all surfaces with solid wood trim. Please clarify which material and finish is intended.*
3. *5A/A803 is a section through the middle of the Media Center desk that shows a PLAM worktop. 5C/A803 is a section through the end of the same media center desk that shows a 3 /4" white birch veneer plywood top. Please clarify which material is intended for the countertop at the media center desk*
4. *Who is intended to supply and install the steel tube curling iron holders, rubber blow dryer holders, and metal wig clamps at the styling stations in the hairdressing rooms (se 4C and 6A on A804)? If the millwork contractor is to supply these, please provide specs and/or manufacturer information.*

A16:

1. The species.
2. A801 is correct.
3. Detail 5C states "See notes at Detail 5A this sheet." The plastic laminate worktop should be installed at the full length of the desk (with wood trim at all edges).
4. Whoever provides the styling stations. The tool holders are available from salon equipment suppliers; the wig clamps from mannequin and wig suppliers. Minor variations from sizes shown on A804 are acceptable. Examples:
   a. Kayline T4 Iron Holder from sallybeauty.com
   b. Kayline Blow Dryer Holder from sallybeauty.com
   c. CL-6 Telescoping Wig Clamp, from aaa-wigs.com or todaystylist.com

Q17: Spec Section 23 3113 Item 2.7 Duct liner, p. 9 of 22 Paragraph D #9 – perforated inner duct

1. *Is this required on all lined duct? If not is it required on:*

   - *Supply and return 1st 20'*
   - *Downstream of VAVs*
   - *FCUs and UVs*
   - *Transfer Ducts*
   - *Only area listed as double wall duct in Section 23 3113 p. 18 Item #8 (also double wall duct for library room 102A is listed but not shown as double wall duct on Drawing M101E2. Other areas listed – Control Room 102E and TV Studio Control Room 102D are shown as double wall. Please advise if any duct in Room 102A is double wall and at what point it begins.)*

2. *Clarify liner from "VAV box to supply diffuser". Does this mean to the first diffuser or is all VAV box ductwork lined?*
3. *Clarify – is rectangular duct from RAHU 11 + 16 also double wall or just the round duct in the rooms?*

A17: See notes for Specification Section 23 3113 under Item 6 – MECHANICAL SPECIFICATIONS above.

Q18: Has the design team produced 3D computer modeling of the project? If so, can that information be made available?

A18: There is no 3D model for this project at this time.

Q19: For Room # 222 finish Schedule indicates BMT -1 Tile on North, East & West Side Wall While interior Elevation Plan A704 Elevation 3A Shows only West Side Elevation, What About North & East Side ? Please Clarify

A19*:* Provide finishes per Finish Schedule.

Q20: Plumbing Questions

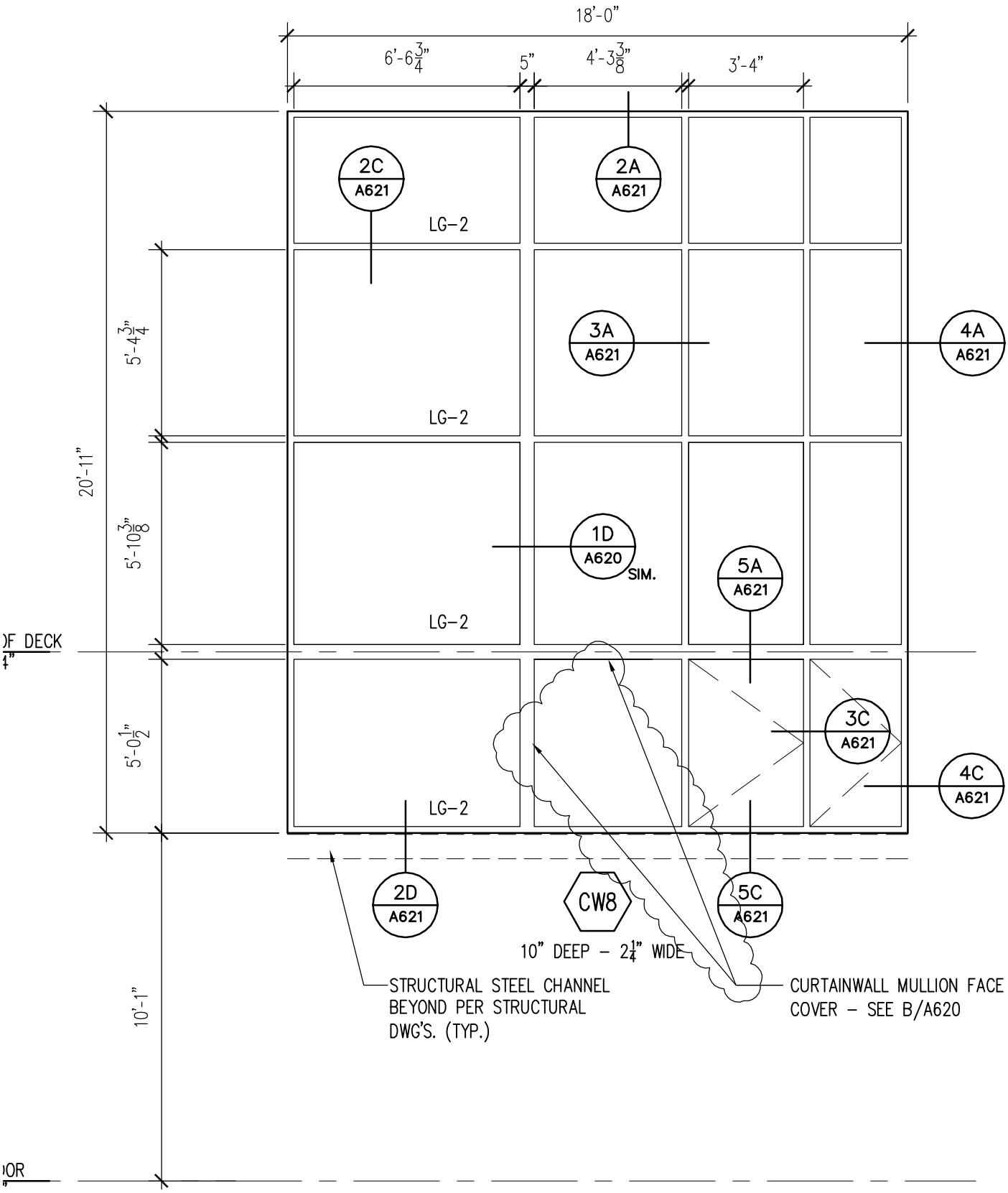
1. *Please see drawing P101C regarding the fuel tanks. According to the manufacturer the fuel tank and the propane tank need to be a minimum of 20' apart. Please confirm if layout depicted on the drawings is correct.*
2. *Re: Plumbing, there is no material spec listed for the condensate drains. Please provide. Also please provide detail of connection between condensate drain and storm piping.*

A20:

1. Provide manufacturer's information regarding distance requirements.
2. Refer to specifications Section 22 1316 Sanitary Waste and Vent Piping Paragraph 3.2, page 3.

End of Addendum Number Three

Gail Blythe, Assoc. Fiscal Administrative Assistant
Department of Public Works



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CW8 Clarification

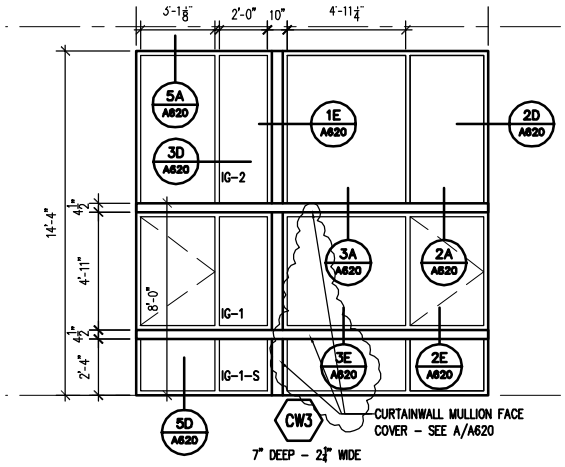
H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

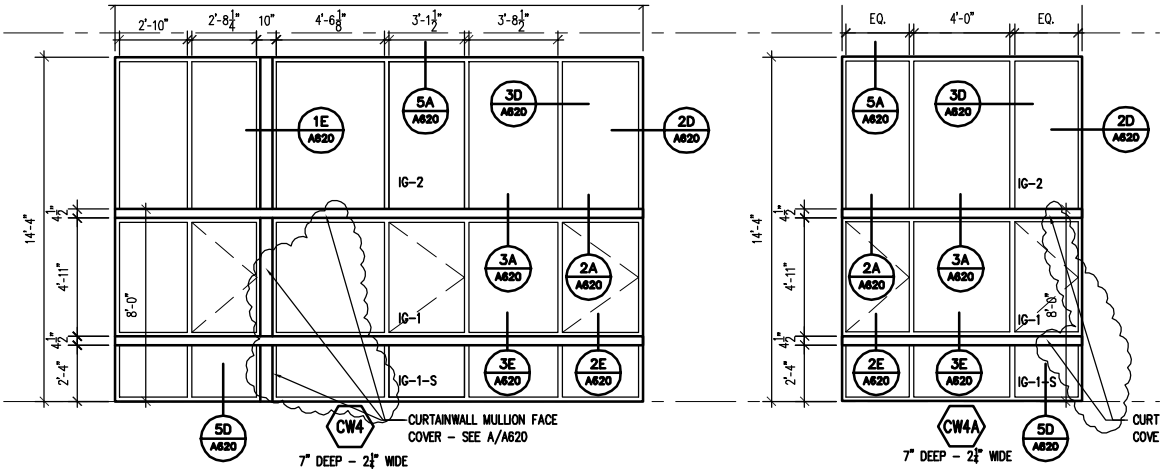
Scale:	1/4" = 1'-0"
Reference:	A605
Date:	07/25/11
Proj. No.	04179.00

Sketch No:

ASK-11

BI-RT-841





CLARIFICATION OF MULLION COVER LOCATIONS

ADDENDUM NO. 3

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CW3-4-4A Clarification

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale:	1/4" = 1'-0"
Reference:	A605
Date:	07/25/11
Proj. No.	04179.00

Sketch No: **ASK-12**

BI-RT-841

IF REQUIRED AND FLEXIBLE DUCT CONNECTION (5' LONG MAX.) TO METAL DUCTWORK
2. PROVIDE SLOT DIFFUSERS WITH INSULATED PLENUM AND ORTIONAL VOLUME DAMPER.

1

TEMPORARY CONDENSING UNIT SCHEDULE

NUMBER	MFR	MODEL	ASSOCIATED UNIT	NOM. CAP. TONS	REFRIG. TYPE	OUTDOOR AMBIENT	ELECTRICAL		LOCATION	REMARKS
							VOLTAGE/PH	MCA		
ACCU-1	MCQUAY	RCS-30C	AHU-1/CC-1	32.4	R-22	95	480VAC/3PH	62.4	GRADE	PERMANENT
TACCU-2	LENNOX	HS29-090	EXIST A1/TCC-2	7.5	R-22	95	480VAC/3PH	21.0	GRADE	TEMPORARY
TACCU-3	MCQUAY	ACU-75D	EXIST A4/TCC-3	6.5	R-22	95	480VAC/3PH	14.1	GRADE	TEMPORARY

NOTES: 1. PROVIDE WITH STARTER AND LOCAL DISCONNECT SWITCH
2. CONTROL COMPANY PROVIDE LOCAL DDC CONTROL PANELS
3. PROVIDE WITH LOW AMBIENT CONTROL
4. CONNECT UNITS TO DDC CONTROL SYSTEM
5. PROVIDE REFRIGERATION PIPING ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. NO ADDITIONAL COST SHALL BE INCCURED BY THE OWNER IF SIZES EXCEED THE CONTRACT DOCUMENTS
6. CONTROL CONTRACTOR IS RESPONSIBLE FOR INTERLOCKING OF INDOOR AND OUTDOOR UNITS

TEMPORARY DX COOLING COIL SCHEDULE

UNIT	LOCATION	MODEL	MANUFACTURER	CFM	TOTAL COOLING CAPACITY MBH	SENSIBLE COOLING CAPACITY MBH	EAT DEG. F (DB/WB)	LAT DEG. F (DB/WB)	MAX. AIR PD I.W.G.	COIL FACE VELOCITY (FPM)	REMARKS
CC-1	AREA C	5EJ1206B	McQUAY	9400	389.0	286.9	81.2/66.5	53.2/52.8	0.30	467	PERMANENT
TCC-2	HAIR. RM.	5EN0804B	McQUAY	2400	89.5	61.7	80.0/67.0	56.5/55.0	0.16	267	TEMPORARY
TCC-3	COMP. RM.	5EJ0706B	McQUAY	2000	78.9	54.0.5	79.0/66.4	54.3/53.0	0.30	327	TEMPORARY

NOTES: CONTRACTOR SHALL PROVIDE STAINLESS STEEL DRAIN PAN TO DRAIN CONDENSATE FROM COIL. CONNECT TO DRAIN PIPE.

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

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SCHEDULE REVISIONS

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: GP11-MEP
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-01**

BI-RT-841

EF-42	GREENHECK	CUBE-141-7	ROOF MOUNTED	BELT	2575	0.25	1495	3/4	208/3/60	18.5	MAINT. VEHICLES RM. # 501	
EF-43	GREENHECK	CUBE-141-7	ROOF MOUNTED	BELT	2575	0.25	1495	3/4	208/3/60	18.5	MAINT. VEHICLES RM. # 501	
EF-44	GREENHECK	CUE-121-B	ROOF MOUNTED	DIR	1200	0.25	1140	1/6	120/1/60	8.2	TRADE SHOP STORAGE RM. #502	
EF-45	GREENHECK	CUE-065D	ROOF MOUNTED	DIR	75	0.375	1300	1/30	120/1/60	2.9	BATHROOM #220D AREA E2	
SF-1	GREENHECK	SQ-90-D	IN-LINE	DIR	300	0.50	1550	1/10	120/1/60	7.4	MAINT. RECIEVING ROOM #305A	PROVIDE WITH OPTIONAL FILTER BOX
SF-2	GREENHECK	SQ-90-D	IN-LINE	DIR	300	0.50	1550	1/10	120/1/60	7.4	MAINT. SHOP RM. #300A	PROVIDE WITH OPTIONAL FILTER BOX
SF-3	GREENHECK	SQ-85-G	IN-LINE	DIR	300	0.25	1300	1/20	120/1/60	5.3	TUNNEL PART B	WORK 24/7
SF-4	GREENHECK	SQ-85-G	IN-LINE	DIR	300	0.25	1300	1/20	120/1/60	5.3	TUNNEL PART C	WORK 24/7
SF-5	GREENHECK	SQ-95-D	IN-LINE	DIR	700	0.25	1550	1/8	120/1/60	8.7	STORAGE RM. PART F	WORK 24/7
SF-6	GREENHECK	SQ-70-D	IN-LINE	DIR	190	0.25	1550	1/30	120/1/60	4.7	TUNNEL PART G	WORK 24/7
SF-7	GREENHECK	SQ-70-D	IN-LINE	DIR	190	0.25	1550	1/30	120/1/60	4.7	TUNNEL PART G	WORK 24/7

MEP/ FIRE PROTECTION
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SUPPLY FANS SCHEDULE

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M306
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-2**

BI-RT-841

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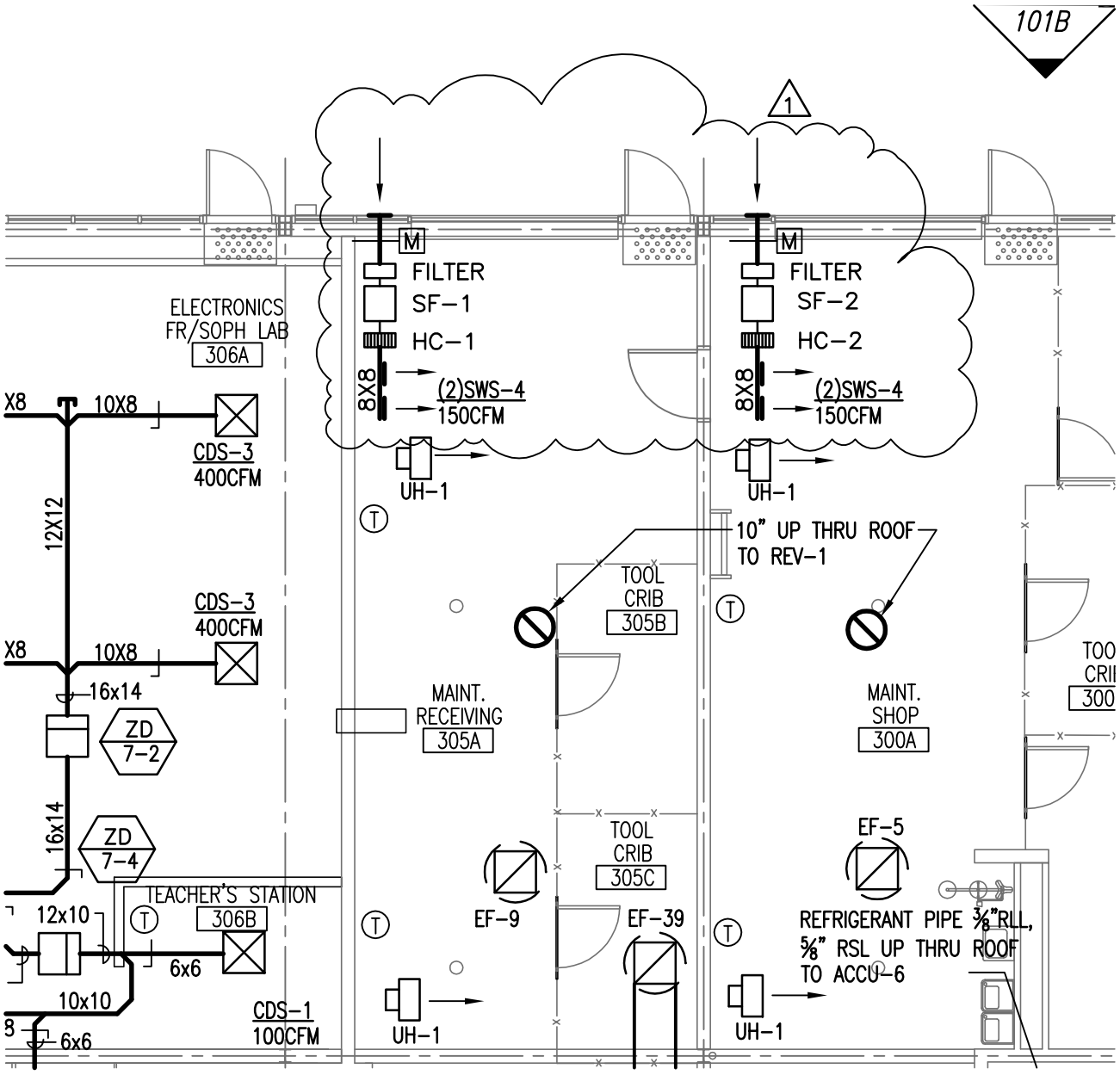

FIRST FLOOR HVAC DUCTWORK PARTIAL PLAN - PART B

1/8"=1'-0"

MEP/ FIRE PROTECTION
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ADDENDUM #3

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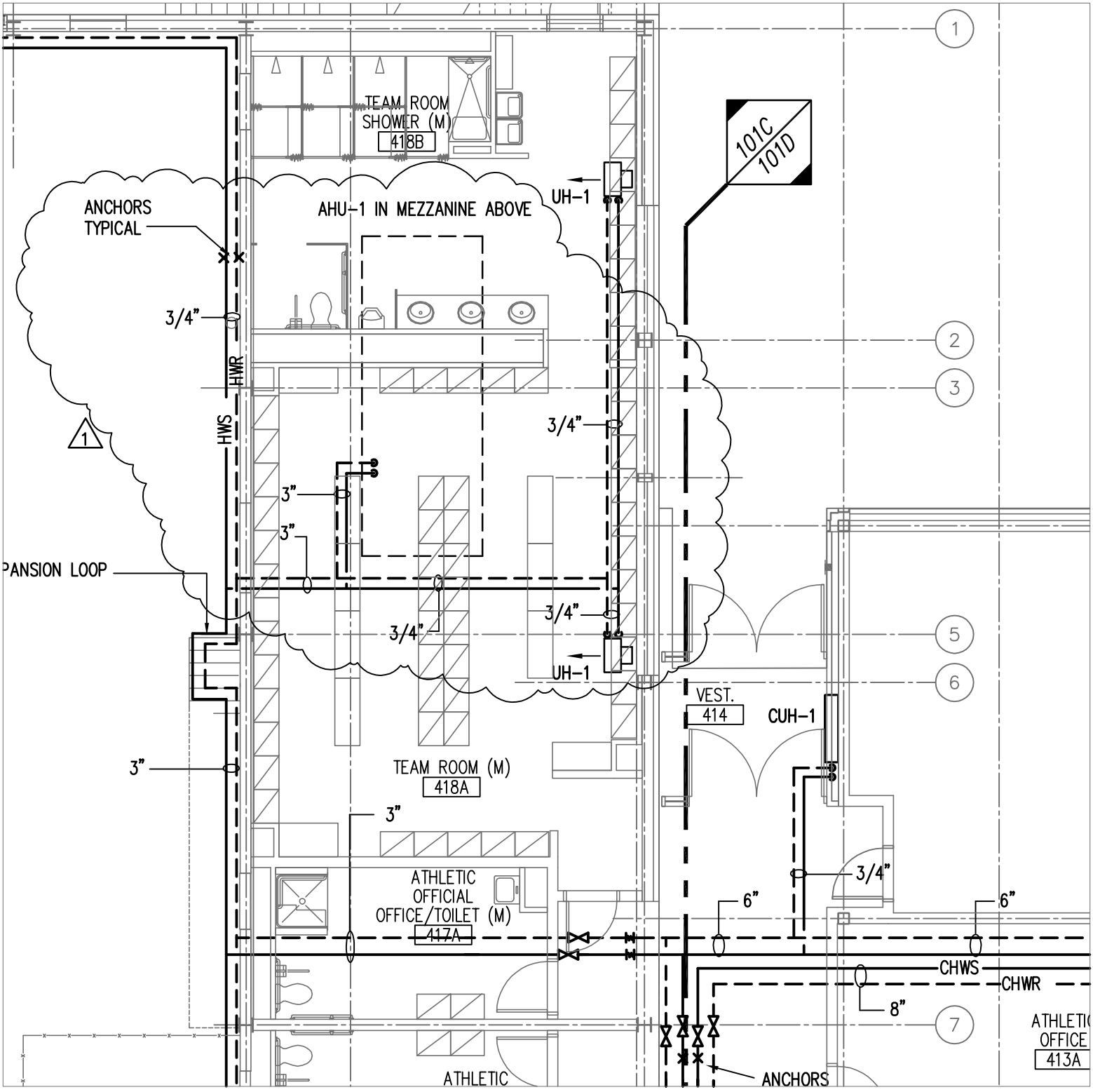
SF-1 AND SF-2 REVISIONS

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M101B
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-03**

BI-RT-841



MEP/ FIRE PROTECTION
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HAMDEN, CT 06518

ADDENDUM #3

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Fax 860 657-3141

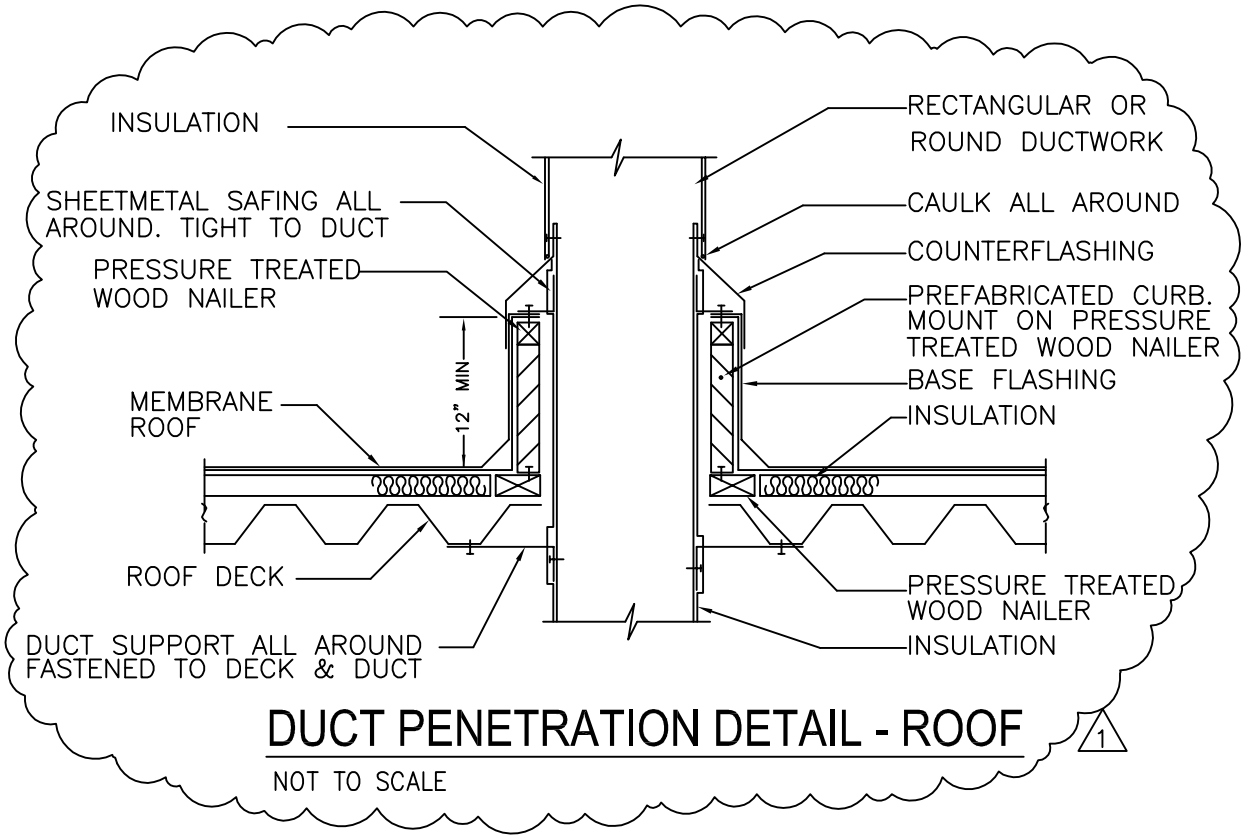
AHU-1 HVS/R PIPING REVISIONS

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M102C
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-04**

BI-RT-841



DUCT PENETRATION DETAIL - ROOF 1

NOT TO SCALE

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

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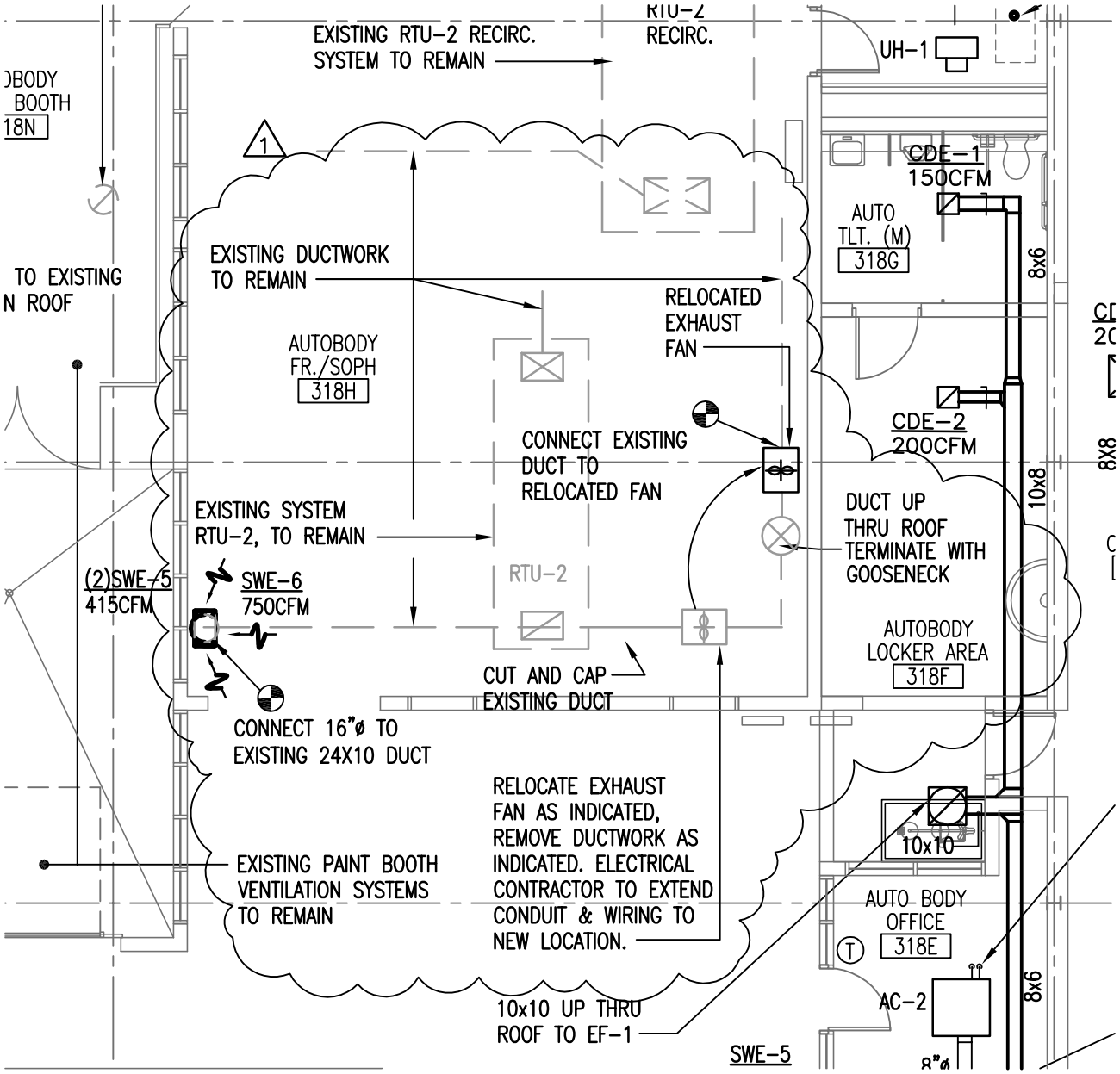
DUCT PENETRATION DETAIL - ROOF

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M407
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-05**

BI-RT-841



FIRST FLOOR HVAC DUCTWORK PARTIAL PLAN - PART A

1/8"=1'-0"

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

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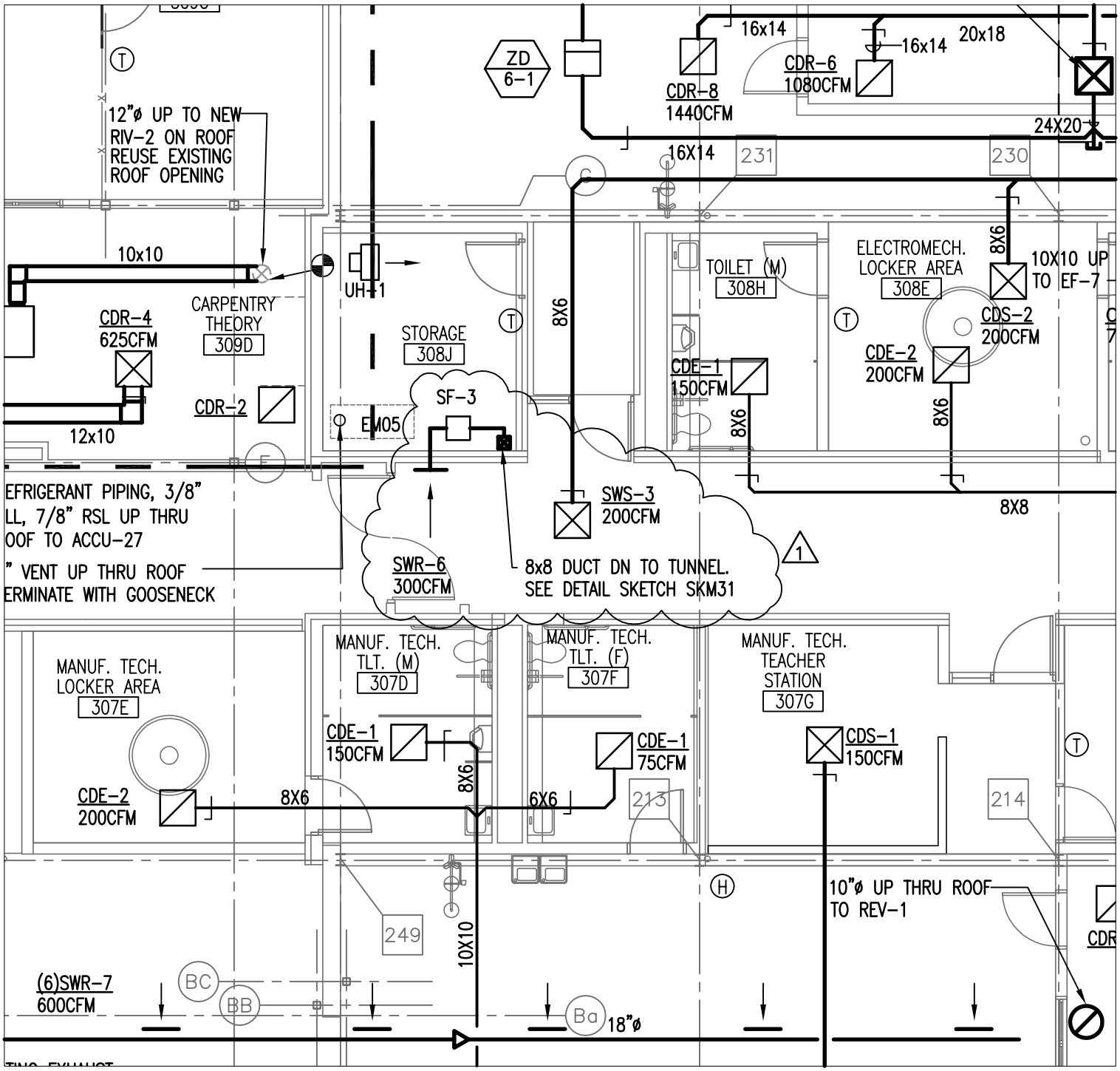
EXISTING EXHAUST FAN RELOCATION

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M101A
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-06**

BI-RT-841



FIRST FLOOR HVAC DUCTWORK PARTIAL PLAN - PART B

1/8"=1'-0"

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

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EXISTING EXHAUST FAN RELOCATION

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M101B
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-27**

BI-RT-841

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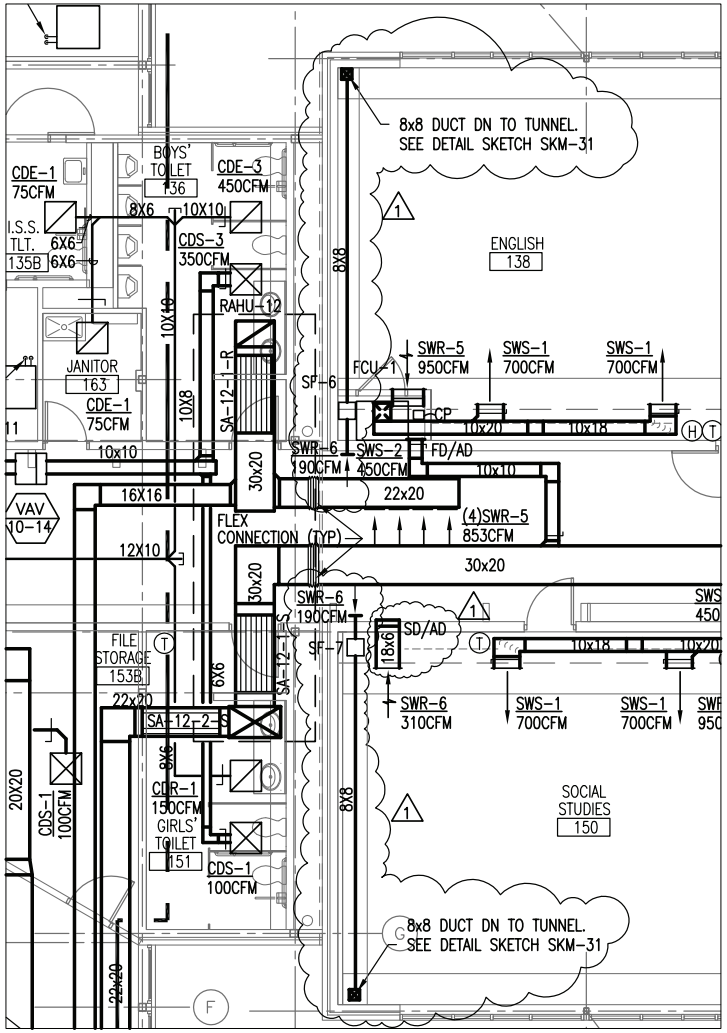

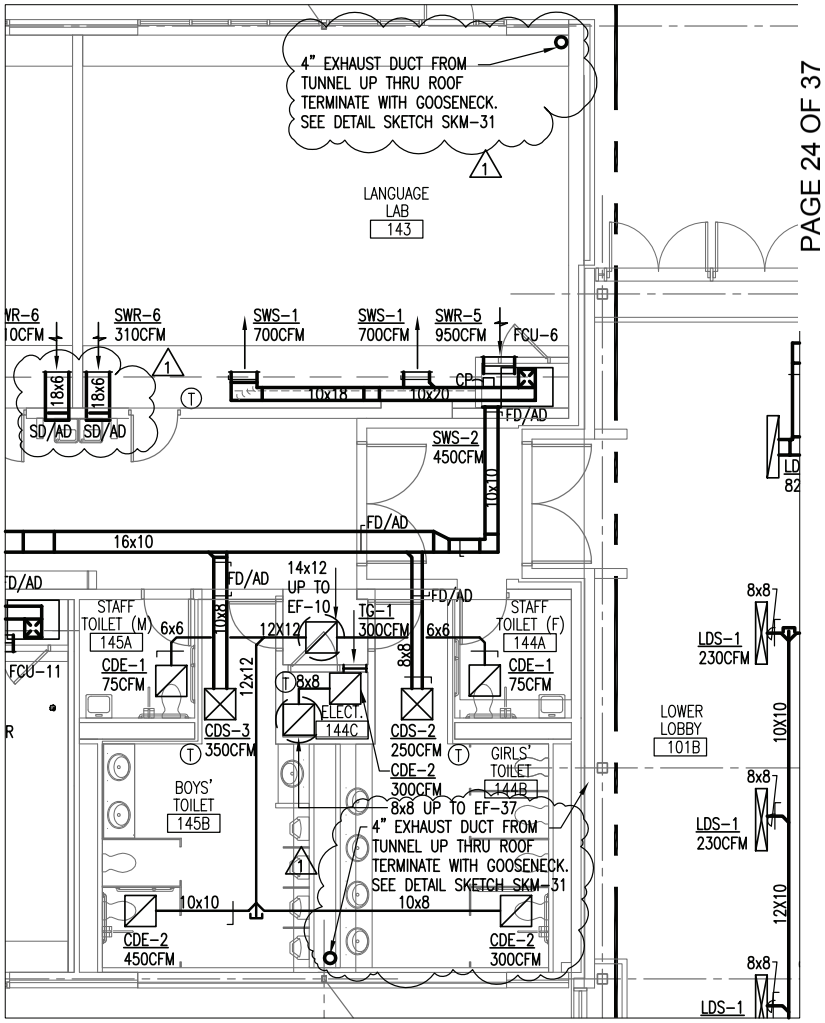

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

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FIRST FLOOR DUCTWORK PARTIAL PLAN - PART G

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M101GH
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-29**

BI-RT-841

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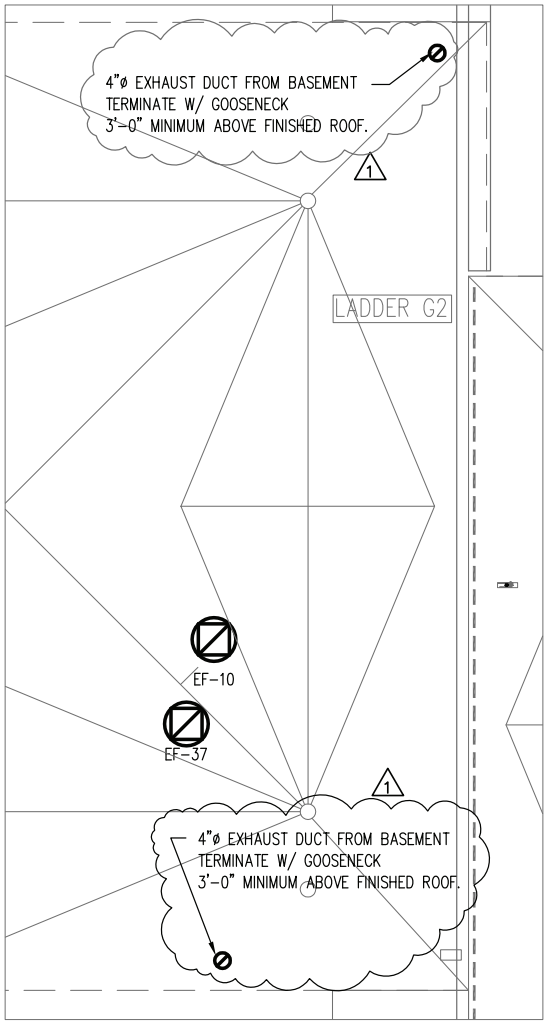
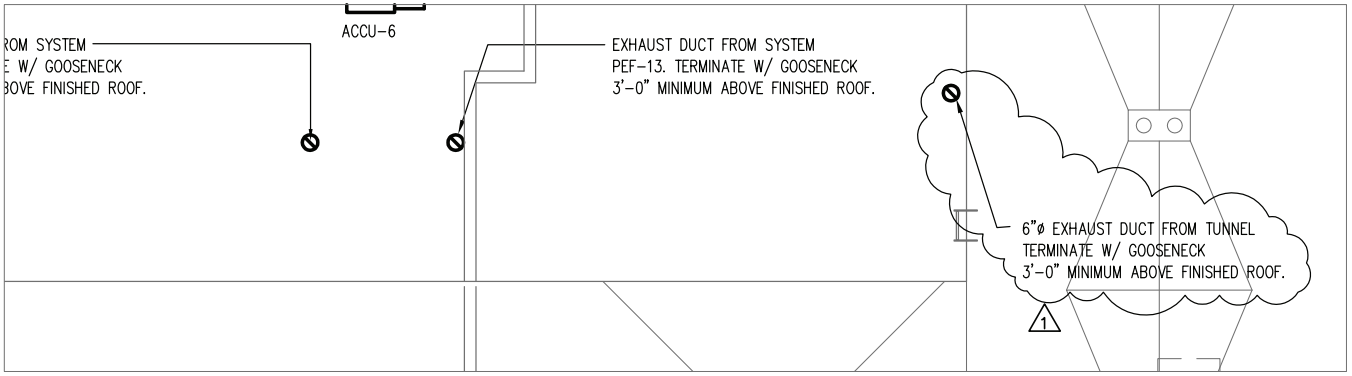


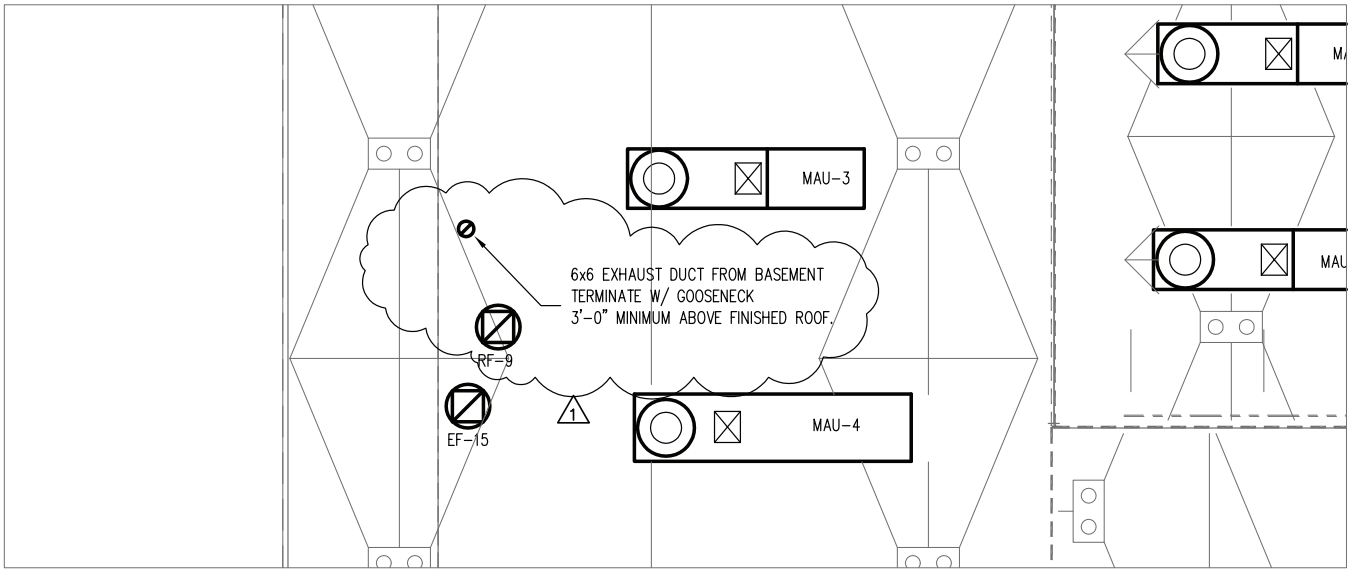
ROOF HVAC PARTIAL PLAN - PART G

1/8"=1'-0"



ROOF HVAC PARTIAL PLAN - PART C

1/8"=1'-0"



ROOF HVAC PARTIAL PLAN - PART E1-F

1/8"=1'-0"

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ADDENDUM #3

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ROOF HVAC PARTIAL PLANS - PARTS C, G, E1-F

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M201C,E1-F,GH
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: SKM-30

BI-RT-841

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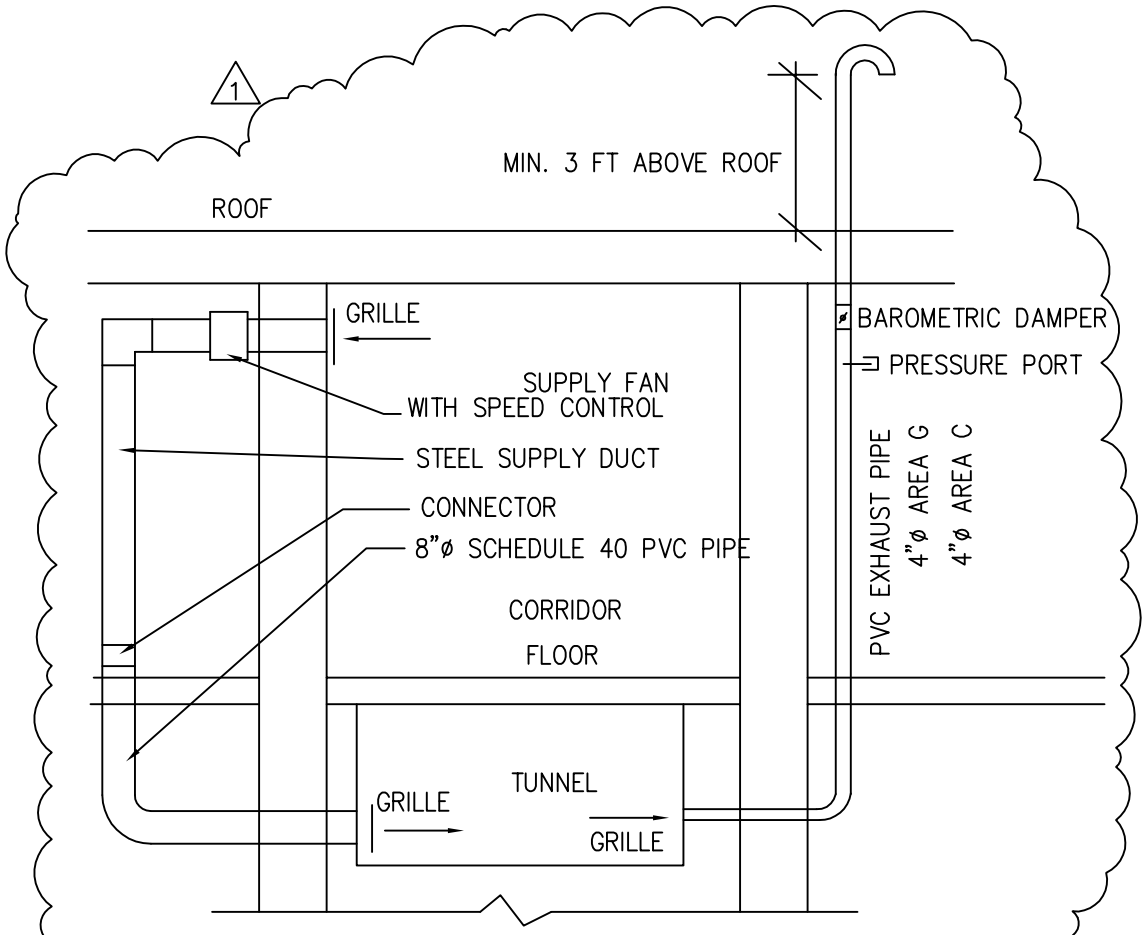

DETAIL - EXISTING TUNNEL VENTILATION

NOT TO SCALE

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

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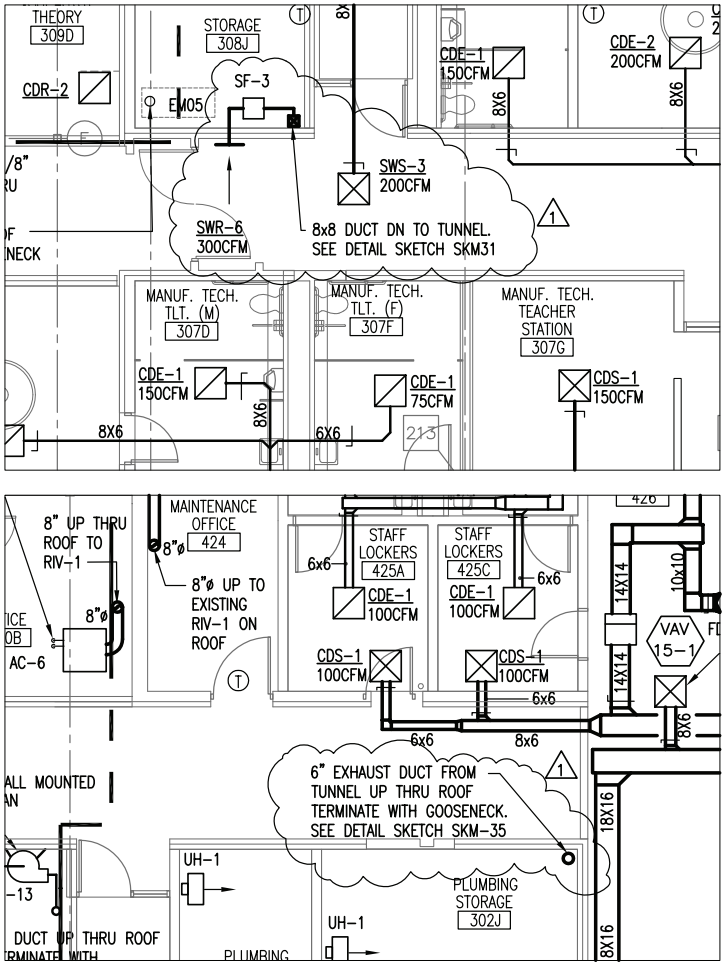
DETAIL - EXISTING TUNNELS VENTILATION

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M405
Date: JULY 25, 2011
Proj. No. 04179.00

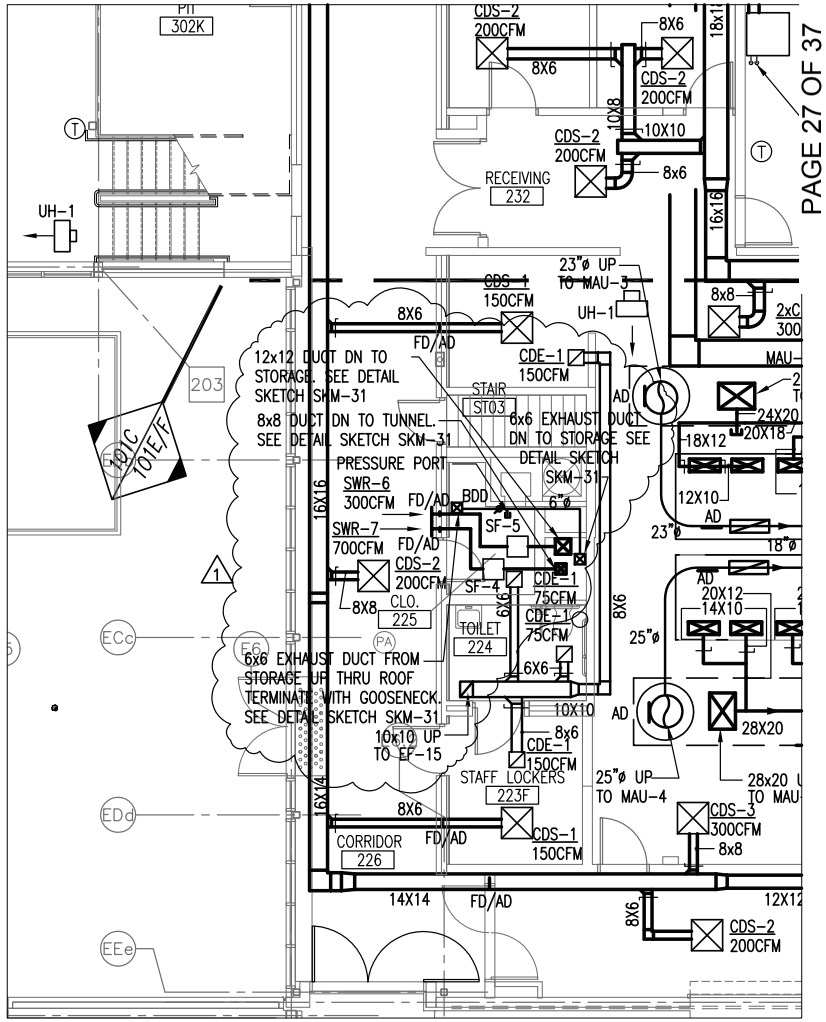
Sketch No: **SKM-31**

BI-RT-841



FIRST FLOOR HVAC DUCTWORK PARTIAL PLAN - PART B

1/8"=1'-0"



FIRST FLOOR HVAC DUCTWORK PARTIAL PLAN - PART E1-F

1/8"=1'-0"

ADDENDUM #3

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
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FIRST FLOOR DUCTWORK PARTIAL PLANS - PARTS B, E1-F

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M101B, E1-F
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-34**

BI-RT-841

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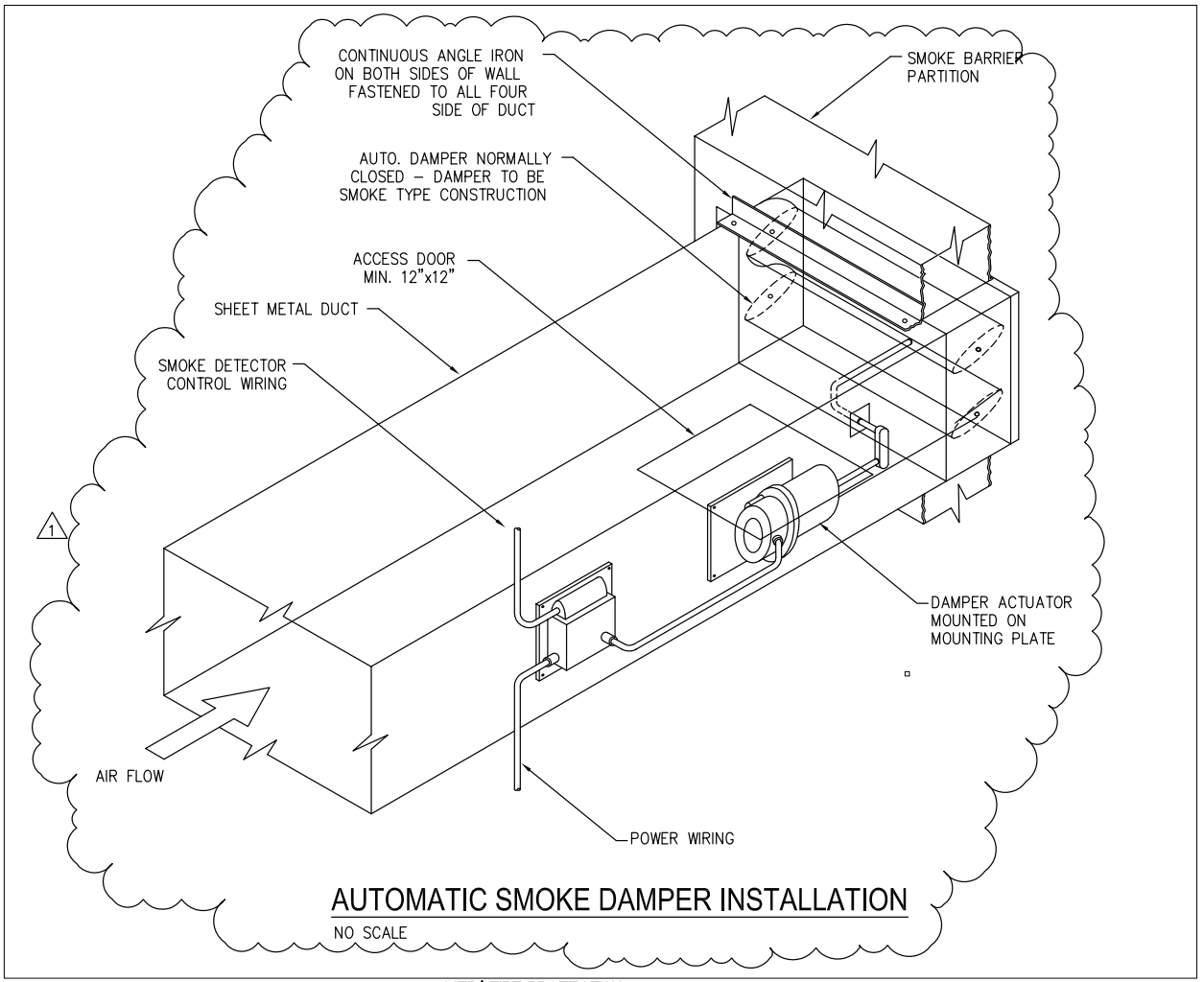

AUTOMATIC SMOKE DAMPER INSTALLATION

NO SCALE

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

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AUTOMATIC SMOKE DAMPER INSTALLATION

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M407
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-35**

BI-RT-841

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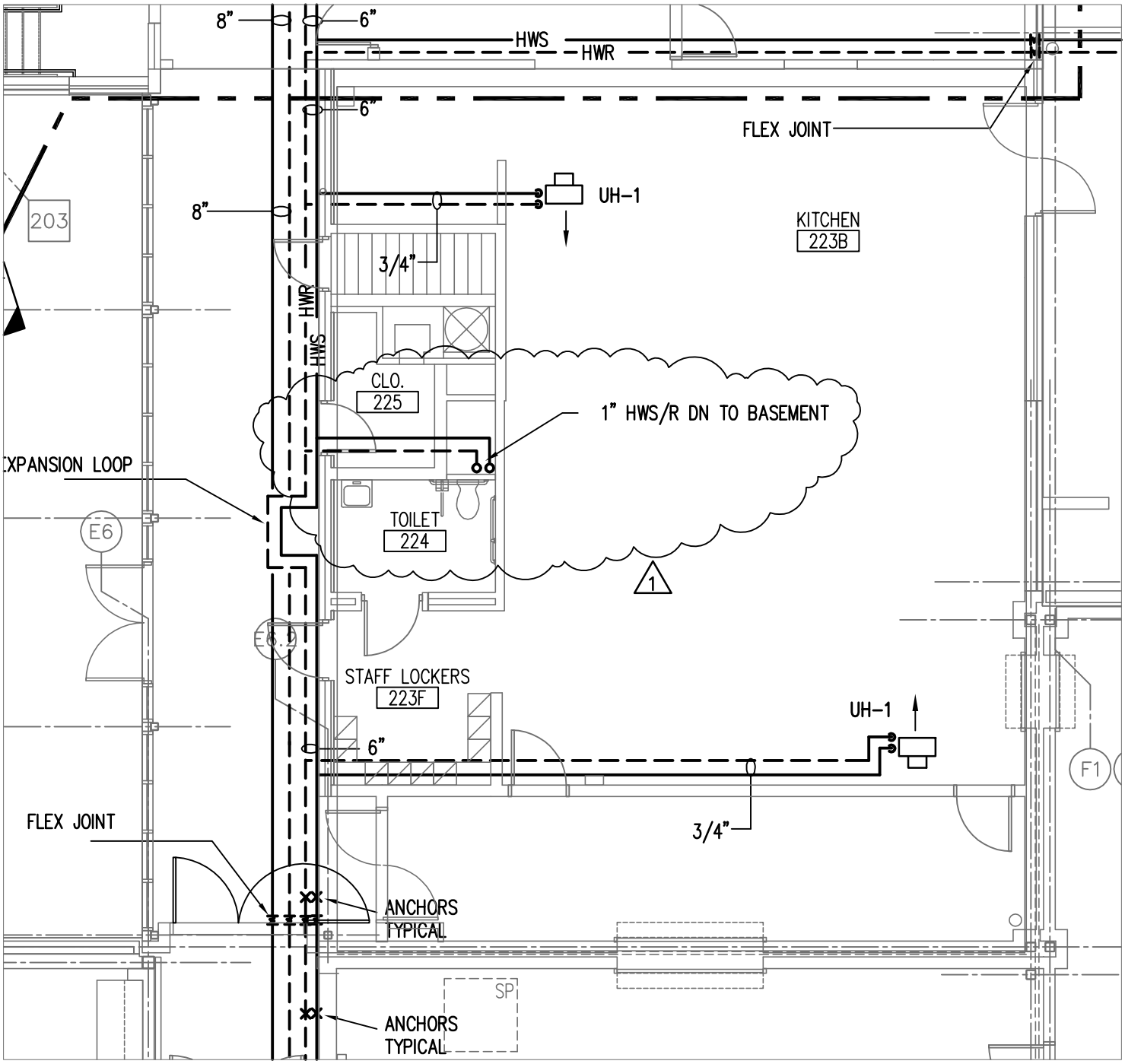

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

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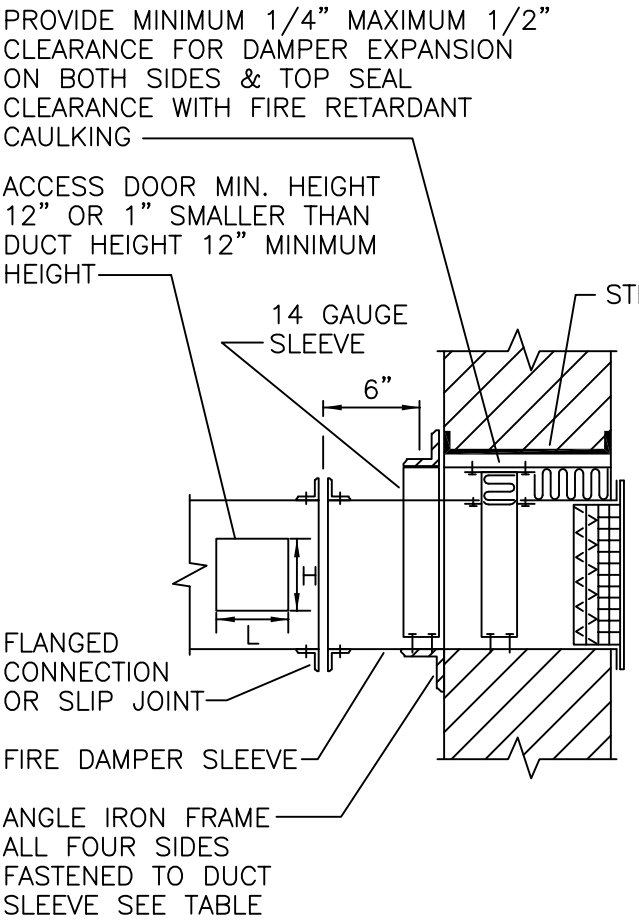
PIPE CONNECTION TO BASEMENT

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M102E1-F
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-36**

BI-RT-841



ANGLE IRON TABLE	
WALL OPENING	ANGLE SIZE
UP TO 30"	1"x1"x1/8"
31" TO 54"	1 1/2"x1 1/2"x1/8"
55" TO 84"	3"x2"x3/16"
85" TO 120"	3"x2"x3/16"

DETAIL OF SIDEWALL REGISTER WITH FIRE DAMPER

NO SCALE

1

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
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HAMDEN, CT 06518

ADDENDUM #3

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DETAIL - OF SIDEWAL REGISTER WITH FIRE DAMPER

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M404
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-37**

BI-RT-841

PROCESS EXHAUST FAN

NUMBER	MANUFACTURER	MODEL	TYPE	DRIVE	CF
PEF-2 THRU 8,11,12,14,15	MONOXIVENT	5-9034-W-MTP	UPPER STRUCTURAL MOUNTED	DIR	40(
PEF-9,10,13	MONOXIVENT	15320	DIRECT WALL MOUNTED	DIR	60(
EF-2	MONOXIVENT	15320	DIRECT WALL MOUNTED	DIR	60(
RF-1 THRU RF-9	FAN TECH	FR-250	ROOF MOUNTED	DIR	56.

NOTES:

1) PROVIDE FANS WITH STARTER AND LOCAL DISCONNECT SWITCH
2) PROVIDE FANS WITH PREMIUM EFFICIENCY MOTORS

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

The S/L/A/M Collaborative
Glastonbury, CT
Tel. 860 657-8077
Fax 860 657-3141

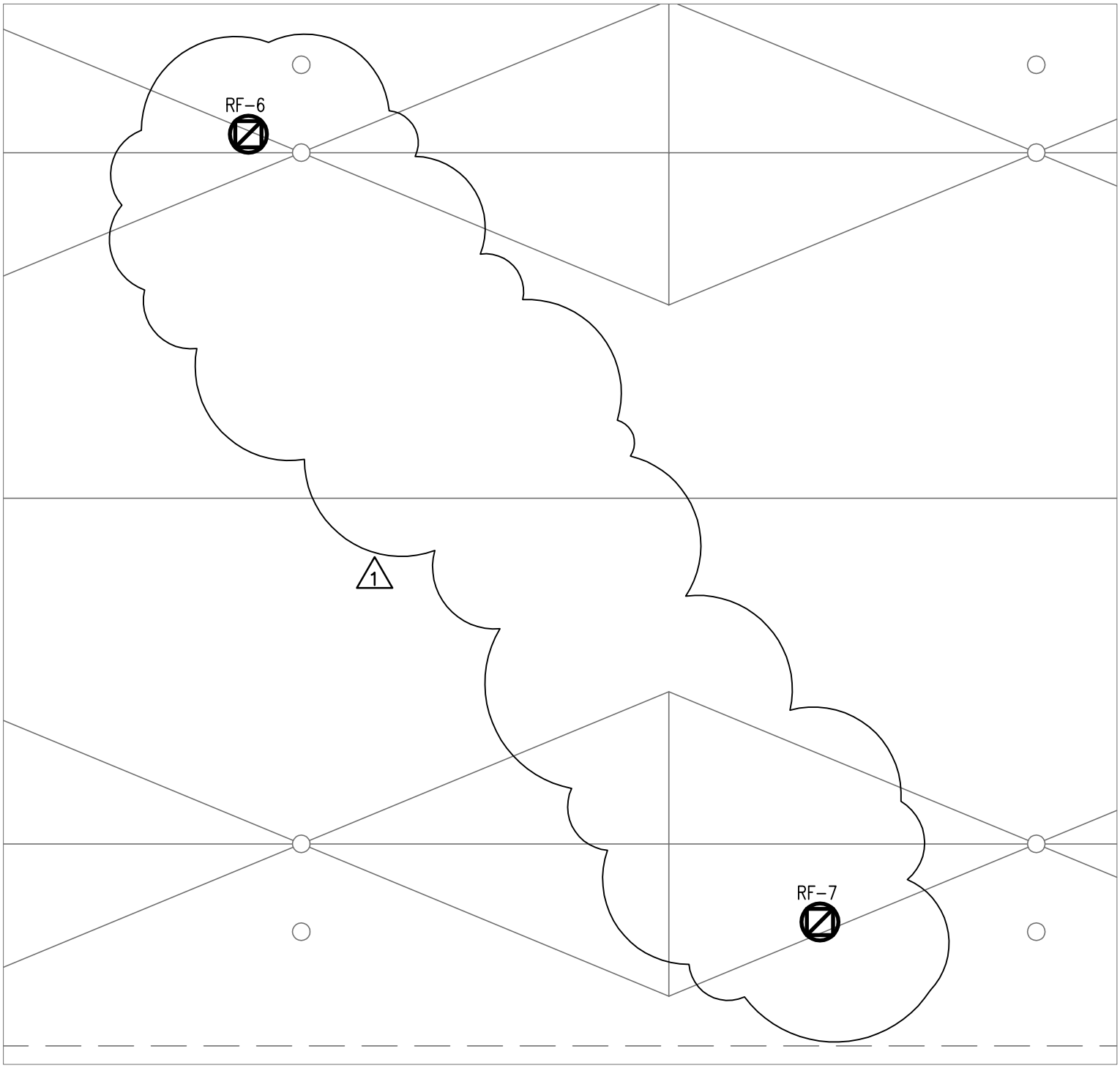
PROCESS FAN SHEDULE

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M306
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-40**

BI-RT-841



ROOF HVAC PARTIAL PLAN - PART G

1/8"=1'-0"

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

The S/L/A/M Collaborative
Glastonbury, CT
Tel. 860 657-8077
Fax 860 657-3141

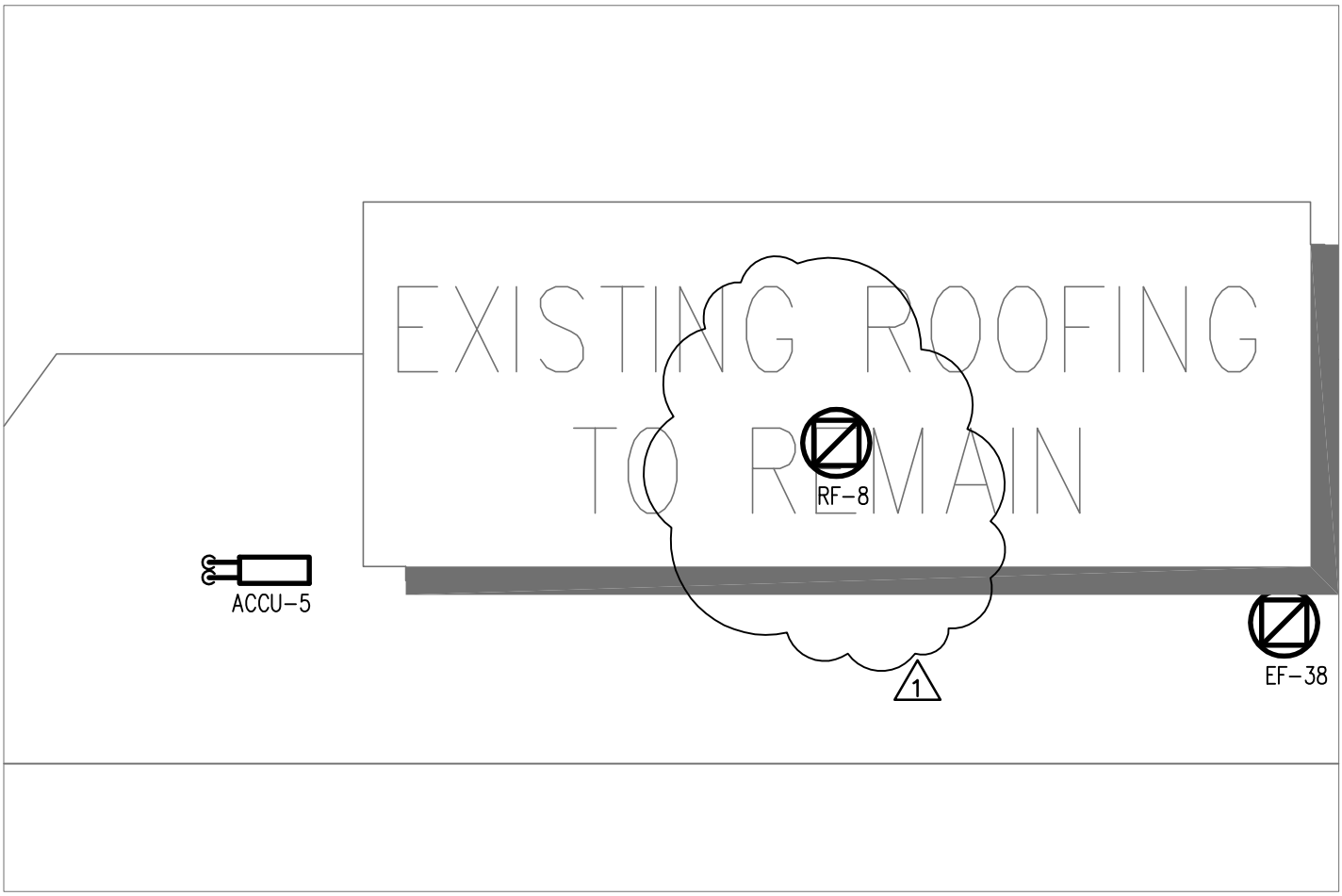
RADON EXHAUST FANS LOCATION

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: M201GH
Date: JULY 25, 2011
Proj. No. 04179.00

Sketch No: **SKM-41**

BI-RT-841



ROOF HVAC DUCTWORK PARTIAL PLAN - PART B

1/8"=1'-0"

MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

The S/L/A/M Collaborative
Glastonbury, CT
Tel. 860 657-8077
Fax 860 657-3141

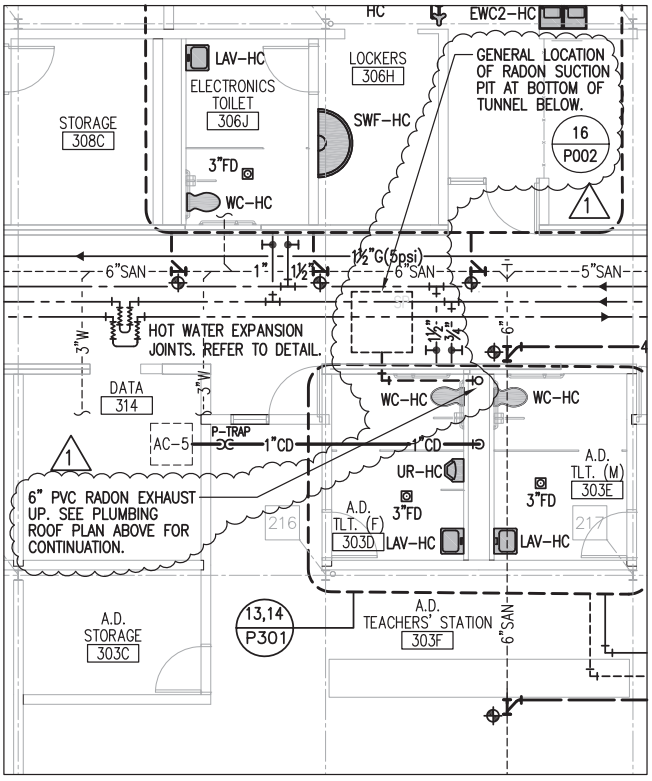
RADON EXHAUST FANS LOCATION

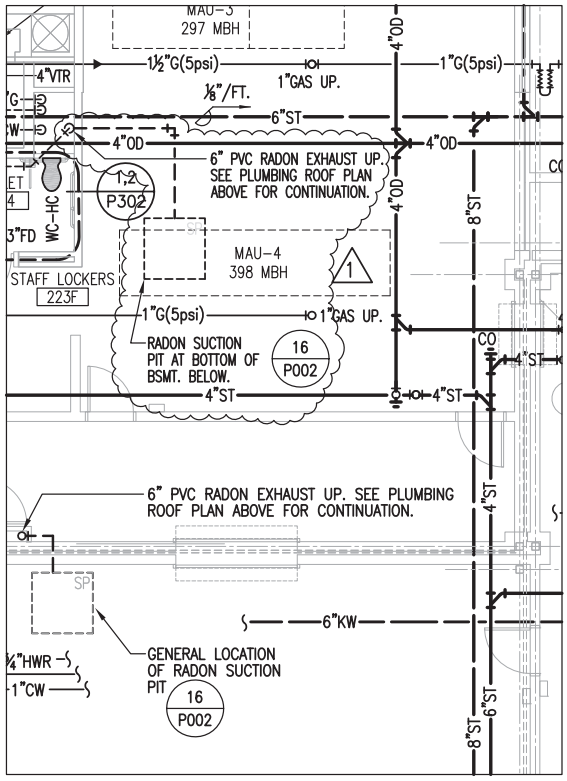
H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

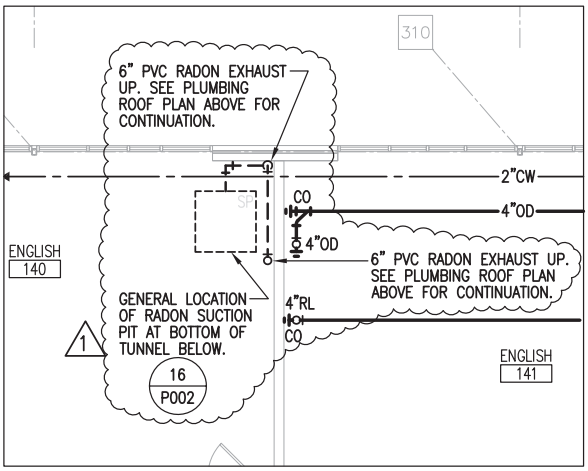
Scale: As Noted
Reference: M201B
Date: JULY 25, 2011
Proj. No. 04179.00

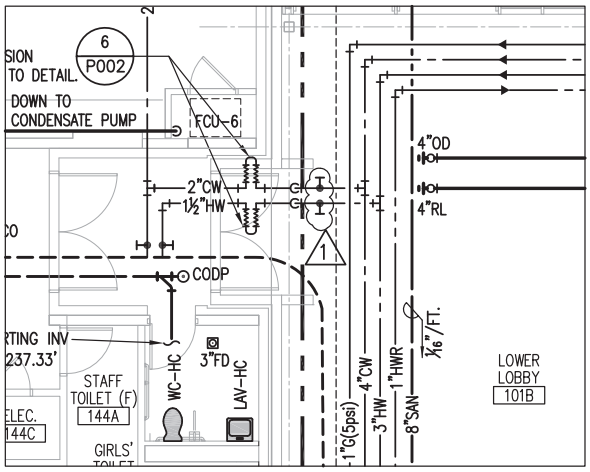
Sketch No: **SKM-42**

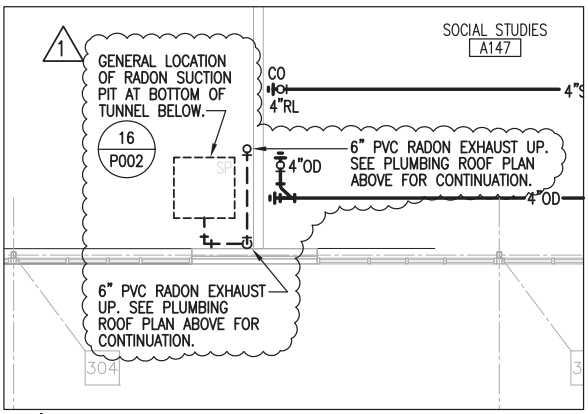
BI-RT-841

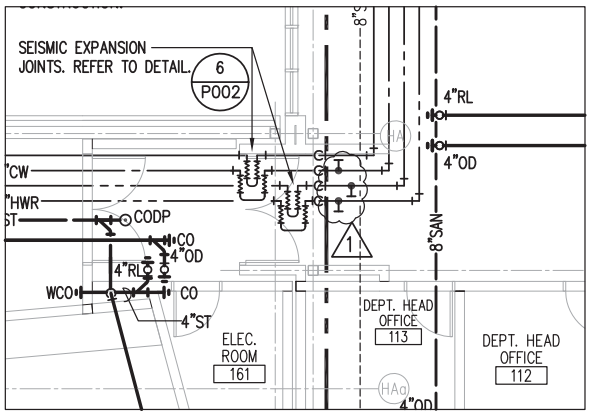












MEP/ FIRE PROTECTION
DTC-DIVERSIFIED TECH. CONSULTANTS
2321 WHITNEY AVENUE
HAMDEN, CT 06518

ADDENDUM #3

The S/L/A/M Collaborative
Glastonbury, CT
Tel. 860 657-8077
Fax 860 657-3141

ADDITIONAL RADON PIPING + VALVES

H.H. Ellis Technical High School
Additions + Major Renovations
Danielson, CT

Scale: As Noted
Reference: P101D + GH
Date: JULY 25, 2011
Proj. No. 04179.00
Sketch No: **SKP-10**
BI-RT-841

State of Connecticut

Attendance Record

Department of Public Works

PROJECT NUMBER: BI-RT-841 ELLIS TECH, DANIELSON **DATE:** 7-14-2011

(X) Pre-Bid Meeting ( ) Pre-Construction Meeting ( ) Progress Meeting ( ) Special Meeting

	NAME/TITLE/FIRM	ADDRESS		PHONE/FAX/CELL
N	MIKE NOBES	109 SUITE A	P	860-836-6649
T	MANAGED AIR SYSTEMS	WEST DUDLEY TOWN RD.	F	
F		BLOOMFIELD, CT	C	
N	ED DEGUBE	112 NORTHWEST DR	P	860-793-5037
T	ESTIMATOR	PLAINVILLE, CT	F	860-793-5050
F	FERGUSON MECHANICAL		C	
N	FRANK GRANDE	112 NORTHWEST DR.	P	860-793-5037
T	ESTIMATOR,	PLAINVILLE, CT.	F	860 793-5050
F	FERGUSON MECH	06062	C	
N	KEVIN MICHAUD	131 ADAMS STREET	P	860 645 8838
T	ESTIMATION	MANCHESTER CT	F	860 645 0226
F	ACTION AIR SYSTEMS		C	
N	Rob Croston	29 N. Plains Hwy #17	P	(203) 284-0100
T	Sr Sales Engineer	Wallingford, CT. 06492	F	(203) 284-8561
F	Automated Logic		C	(203) 410-7247
N	BOGDAN JACHIMIEC	30 BATTERSON PARK RD	P	860-284-7446
T	SR ESTIMATOR	FARMINGTON CT 06032	F	860-284-0121
F	KBE BUILDING CORP		C	
N	CHUCK ARNOLD	27 PLEASANT ST	P	860-647-0198
T	PROJECT MGR	MANCHESTER CT 06040	F	860-646-0775
F	ROOFING SELECTOWN ROOFING		C	
N	PETER BARNA	110 WATERTUCK HEIGHTS	P	203 753 5131
T	ESTIMATOR	WATERBURY CT	F	203 597 0227
F	M J DALY		C	
N	ALBERT		P	860-306-6881
T	ELECTRICAL POWER SOLUTIONS	39 LEDGER ST	F	860-498-0160
F		HTFD CT. 06106	C	
N	FELIX DIAZ JR.	29 MEADOW ST.	P	860-296-7450
T	OSCAR'S ABATEMENT	HARTFORD, CT 06114	F	860-296-7417
F	29 MEADOW ST. HTFD, CT.		C	N/A
N	Rich Shultz	205 Wallace st	P	203-776-7583
T	Abcon Environmental	New Haven, CT	F	203-776-7593
F		06511	C	203-627-5341
N	AL RICHMOND	25 INDUSTRIAL PARK RD	P	MARINE BLVD. 867.2410
T	DOE/CONSULTANT ENV. PLAN.	MIDDLETOWN, CT.	F	860.867.2192
F			C	
N	Heating Van Dousen	80 Glastonbury Blvd	P	860.659.1010 x 2242
T	J/C/A/M	Glastonbury CT	F	
F			C	

Attendance Record

State of Connecticut — Department of Public Works

PROJECT NUMBER: BI-RT-841 ELLIS TECH, DANIELSON **DATE:** 7-14-2011

☒ Pre-Bid Meeting ○ Pre-Construction Meeting ○ Progress Meeting ○ Special Meeting

	NAME/TITLE/FIRM	ADDRESS		PHONE/FAX/CELL
N	John Abbate	60 Shaker Rd	P	413-726-2252
T	Branch Manager	East Longmeadow MA	F	
F	Davis Ulmer	01028	C	860-576-2659
N	Tim Blake	308 FARMINGTON AVE	P	203-271-0356
T	Project ENGINEER	FARMINGTON, CT 06032	F	203-272-5073
F	FIP CONSTRUCTION, INC		C	
N	JOHN CARAMALIS	24 TAYLOR AVE	P	203-797-8788
T	ESTIMATOR	BETHEL CT 06801	F	203 ~~574~~ -791-2515
F	WORTH CONSTR. CO. INC		C	516-637-1099
N	Scot Robert	50 Howe Ave.	P	508-865-4040
T	Estimating	Millbury MA 01527	F	508-865-1123
F	Greenwood Industries	kyoung@greenwood-industries.com	C	508-726-1385
N	GENE COUSELLO VP	120 BRANCH HILL RD	P	8608590377
T	VP	PRESTON, CT 06365	F	7029959663
F	CESCENT PAVE LEANDS	(WBE - MBE)	C	8603038991
N	Mark Smith	339 Washington Ave	P	203-234-2353
T	P.M.	North Haven CT	F	
F	Banton Const.		C	203-980-1091
N	Hal Kerr	2321 Whitney Ave	P	203-239-4200
T	Engineer MEP/civil	Hamden CT	F	
F			C	
N	Ken Biega	112 Wall St	P	860-489-8265
T	Asst. Vice President	Torrington CT	F	
F			C	
N	EDWARD FENNELL	210 ROBERTS ST	P	
T	~~ARCHITECT~~ DESIGNER	EAST HARTFORD CT 06108	F	
F	ATC ASSOCIATES		C	
N	F. Elaine Hayes	80 Clark Dr	P	860-810-6538
T	Acct. Manager K-12	East Berlin, CT	F	~~fehayes~~
F	Simplex Grinnell	860 938-3201	C	fehayes@SimplexGrinnell.com
N	Rob Dexter	165 Capitol Ave Room 460	P	860 713-5614
T	Construction Services	State office Building	F	860 713-7270
F	PROJECT MANAGER	Hartford, CT 06106	C	860 770-2970
N			P	
T			F	
F			C	
N			P	
T			F	
F			C	

State of Connecticut

Attendance Record

Department of Public Works

PROJECT NUMBER: BI-RT-841 ELLIS TECH, DANIELSON **DATE:** 7-14-2011

(X) Pre-Bid Meeting ( ) Pre-Construction Meeting ( ) Progress Meeting ( ) Special Meeting

	NAME/TITLE/FIRM	ADDRESS		PHONE/FAX/CELL
N	RICHARD STEINER	555 Long Wharf Drive	P	203-777-7451
T	Project Manager	Suite 14	F	203-782-0725
F	The Fisco Corp	New Haven, CT 06511	C	
N	John Conroy	204 old Hawleyville Rd	P	203-994-0809
T	Sales V.P.	Bethel CT 06801	F	845-698-1801
F	Falcon Data Networks		C	
N	Mel Strauss The Pike Company	1 Circle St Rochester, NY	P	585-271-5256 / 800-625-0392
T	Maris McGregor The Pike Company	1 Circle St. Rochester, NY	F	585-271-5256
F			C	
N	David Rosko Modspace	179 Cross Street Bristol, CT 06010	P	860-589-8644/8605837031
T			F	
F			C	
N	Kent Scott	116 Hopping Brook Rd	P	508-306 5234
T	BDm	Holliston MA 01746	F	508-429-7825
F	Wayne J. Griffin Elec.	KScott@wjgei.com	C	
N	[illegible]	112 Northwest Drive	P	860 793 0237
T		Plainville CT 06062	F	860 793 0250
F	Ferguson		C	
N	Mike Fowler	30 Blackler Stop	P	607 205 9372
T	sales Rep	Bristol, CT 06010	F	
F	Vestaire		C	
N	Glenn Poirras	ELLIS	P	860-774-8511
T			F	
F			C	
N	PHIL PRIOR	25 PINNEY ST	P	860 896-1000
T	ESTIMATOR	ELLINGTON CT 06029	F	860 871-5982
F	BIGTREE INC		C	
N			P	
T			F	
F			C	
N			P	
T			F	
F			C	
N			P	
T			F	
F			C	
N			P	
T			F	
F			C	