

ADDENDUM NO.: 2

DATE OF ADDENDUM: February 3, 2016

**MASONRY SHOP + FITNESS CENTER  
BULLARD-HAVENS TECHNICAL HIGH SCHOOL  
500 PALISADE AVENUE  
BRIDGEPORT, CT  
BI-RT-876**

Original Bid Due Date / Time:

February 10, 2016

1:00PM

Previous Addendums: Addendum #1 dated 1/13/2016

**TO: Prospective Bid Proposers:**

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated 12-16-2015. 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**

BI-RT-876 prebid attendance log-- attached.

**Item 2**

Existing roof warranty-- attached

**Item 3**

**Clarification--** Unit Masonry Restoration

The contractor's Base Bid shall include all costs for the quantity of work (brick joints repointing and brick replacement) listed in the specification Section 04 01 20 1.1 A and B.

The brick pointing and replacement shown on Drawing A-401 are for reference only. Drawing A-401 show the approximate locations ( and the approximate quantity of work in those locations) of the brick joint repointing and brick replacement work.

If the final quantities of each type of work exceed those shown in Section 04 01 20 1.1 A and B the unit prices for ADD in Section 01 20 00 1.5 shall apply to the additional quantity.

If the final quantities of each type of work are less than those shown in Section 04 01 20 1.1 A and B the unit prices for DEDUCT in Section 01 20 00 1.5 shall apply to the amount not required.

**Item 4**

**RFI**

"F A301 Hook Detail, provide a specification for heavy duty aluminum double hook"

-- See specification Section 06100 2.01L

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**Item 5**

**RFI**

"The acoustical tile specified in 095100 2.04 is no longer in production. Please select an alternate tile."

-- Acoustic tile shall be equivalent to Armstrong "Cirrus" tegular edge.

**Item 6**

**RFI**

" M-101 states to refer to DWG-P-200 for detail of concentric vent for water heater. There is no information on water heater or piping material detail. Provide details and advise if this work is under HVAC or plumbing scope."

-- There is no domestic water heater. Hot water is from the existing demo house adjacent to the building

**Item 7**

**RFI**

" M-101 the 4 dust collectors is the contractor responsible to disconnect and move them to the new location. Show on the drawings where they are located."

-- See attached SK-1-M-101

**Item 8**

**Request for Substitution or equivalent**

"We would like to get PENCO approved on this project. Republic is out of business.

Also 1.01 states the lockers are DT 15"W x 18"D x 36"H but 1.04 states the lockers are DT 18"W x 15"D x 36"H. Which size are they?"

--PENCO is approved on this project.

--15" W x 18"D x 36"H

**Item 9**

**Request for Substitution or equivalent**

"Can we substitute the specified LENNOX rooftop units with equal units manufactured by YORK. I have attached the submittal package for the proposed YORK equipment"

--Yes, this can be considered equal.

**Item 10**

**RFI**

"The drawings show the hollow metal frames getting 1/4" temp glass however in the specs the tempered glass is 5/16" tempered laminated. Please confirm which glass is correct.

If Laminated is required, the borrowed lites are larger than what can be produced with 5/16" and 7/16" will be needed to make these glass sizes. Please confirm that 7/16" is to be used for the glass."

--1/4" tempered glass is to be used

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**Item 11**

**RFI**

"Specification 051200 mentions preping of steel for finish if exposed. However in 099000 the paint schedule only makes reference to painting of existing metal and misc metals, not structural. Please provide a spec for the paint of the structural steel and handrails."

--Use schedule A EXTERIOR FERROUS METALS requirements.

**Item 12**

**RFI**

"Regarding the flooring systems:

1. The intent is for the entire floor throughout the construction area to be shot blasted, followed by installation of vapor reduction barrier, follow by the self-leveling top coat, and finished off with either the athletic floor or epoxy system. Please confirm."
2. Specification 096500 2.07 B makes reference to colored quartz aggregate, however the specified products in 2.07 A are only 2 part epoxy systems and do not have quartz as part of the system. Please confirm if the quartz chips are required or not."

--1. Yes that is correct.

--2. No quartz chips are required.

**Item 13**

**RFI**

"Masonry Reinforcement- Drawing S-203. the typical masonry reinforcement details indicated the reinforcing requirements for 12" block, however all block on this project is 8". Please confirm if these details apply to the 8" block as well or if there is different reinforcement requirements."

-- Yes, use same detail

**Item 14**

**RFI**

"The drawings indicate to install a 48" wide SmartBoard, however there is no spec. Is this to be provided by the owner? If not, please provide a spec."

--SmartBoard is by Owner

**Item 15**

**RFI**

"S-101 Note A indicates the slab infills to be 4" thick with mesh and vapor barrier. Section 1/S-202 indicates a 6" with haunching at the perimeter and calls for 6" layer of crushed stone. There are several infills that have both these designations associated with them. Please confirm which detail is to be followed for the floor infills."

--- Note A applies for 7 infills that have "NOTE A" next to them. All others infills are to be 6". Detail 1/S-202 (with haunching at the perimeter) applies to all infills except the existing trench. The detail for that infill is 3/S-202

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**Item 16**

**RFI**

"Please provide what manufacturer has the warranty on the roof"

-- See ITEM 2

**Item 17**

**Request for Substitution or equivalent**

"Propose WEC Competitive Series Lockers as equivalent".

--Yes, this can be considered equal.

**Item 18**

**Clarification**

The Key Plan scale on drawing ES-101 is incorrect. It shows a scale of 1" = 1000' but should be 1" = 100'.

**Item 19**

**Clarification**

Drawing PL-101:

- o Provide catch basin at the West end of the new trench drain
- o Compressed air pipe to dust collector shall be 1 ¼". Provide shut-off valve, air filter, air dryer and pressure regulator.

**Item 20**

**Clarification**

Drawing MD-101: Mechanical Demolition Work Symbols

- o Revise tag 2 to read: Remove existing gas fired Roof Top Unit; retain for relocation. Cap and patch to match remaining roof opening. Remove associated gas pipe. Cap at main. Bring unit to proper working condition, clean, lubricate, replace filters
- o Revise tag 9 to read: Existing gas fired Roof Top Unit shall remain. Bring to proper working condition. Lubricate, clean ductwork, replace filters.
- o Add tag 14 to read: Remove existing fin-tube radiation (FT), radiation cover, accessories and associated piping. Cap remaining piping at main. Patch to match wall.
- o Replace tag 5 for perimeter fin-tube radiation (FT) with tag 14.

**Item 21**

**Clarification**

Drawing M-101:

- o In Jan 111, delete reference to venting for domestic water heater (WH)
- o Provide 6" concrete pad for new Dust Collector.
- o Thermostat in the N-E corner shall control MAU-1
- o Thermostat in Lockers 109 shall control MAU-2.
- o Provide 48"x30"x30" discharge air plenum for the dust collector. Provide 48"x30" Type A2 Titus model 50F discharge grille in lieu of the 48"x24" type B register. Refer to SK2-M-101.
- o Type A2 Diffusers associated with the relocated dust collectors shall be 48"x30"
- o Return for MAU1 and MAU2: provide (2) 48"x48" Type A2 Grilles

**See SK-2-M-101 attached.**

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**Item 22**

**Clarification**

Drawing MP102:

- o Delete reference to Water Heater concentric vent.
- o Delete exhaust fan REF-2
- o Relocated MAU-2; Provide new 18" insulated seismic roof curb to match unit.

**Item 23**

**Clarification**

Drawing M-200:

- o Exhaust Fan Schedule: Omit REF-2
- o Diffuser Schedule: Add Type A2 grille. Grille shall be Titus model 50F aluminum Grille with 1/2"x 1/2"x1" grid and a free area of 90%. Grille shall be painted aluminum to match duct.
- o Diffuser schedule: Type A1 diffuser shall be painted aluminum color to match the duct.

**Item 24**

**Clarification**

Drawing EP-101:

- o Delete Manual Starter for REF-2
  - o Provide power for new Dust Collector. Refer to SK1-EP-101
- See SK1-EP-101 attached.**

**Item 25**

**Clarification**

Drawing EP-102: Delete REF-2

**Item 26**

**Clarification**

Drawing E-201:

- o One-Line Power Riser Diagram - Revise feeder to panel PP1A. Refer to **SK1-E-201**
- o Revise panel schedule PP1. Refer to **SK2-E-201**
- o Revise panel schedule PP1A. Refer to **SK3-E-201**

**Item 27**

**Specification**

Specifications section 23 31 13: Add paragraph 2.15 Dust Collector

2.15 **DUST COLLECTOR:**

- A. Furnish a complete pulse-jet dust collector system as shown on the plans and/or listed in the equipment schedule. The dust collection system shall be capable of providing continuous on-line cleaning for a volumetric flow rate of 4500 SCFM. The collector system equipped with Donaldson Torit™ Ultra Web filter cartridges. The pulse-jet cartridge collector shall be supplied as major sub-assemblies sized to meet airflow capacities and design requirements and shall include instruction manual and replacement parts list for easy assembly and maintenance.

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- B. Each model shall be of bolted and welded construction using 10-gauge carbon steel designed for -20" water gauge and a 7-gauge tube sheet for rigidity. It shall come complete with pulse-jet hardware, 1" single diaphragm valves(1), pilot solenoid valves in NEMA 4 enclosure, two (2) 3" square x 3/16" wall tubing compressed air manifolds, 3" x 3" structural angles support legs with cross bracing, and discharge hopper with an octagonal outlet to prevent bridging. The compressed air reservoir shall be provided with 1" NPT pipe coupling at both sides for attachment of clean and dry compressed air supply at maximum 60 PSIG and at a temperature not exceeding 150°F. Finish shall be Acrylic urethane finish over alkyd enamel primer. Paint system shall pass a 350-hour salt spray test.
- C. Dust-laden air will enter the collector above the filter cartridges and be distributed around the filter elements by an air distribution baffle above the cartridges to provide even dust loading and to minimize abrasion. Heavy dust particles will fall into the collection hopper at the base of the collector and small, light particles will be collected on the media surface. Clean air will pass through the media, enter the clean air chamber, and exit on the top side of the collector.
- D. Filters: Filter cartridges shall have a MERV 15 filtration efficiency rating per ASHRAE 52.2-2007 and use Ultra-Web® media. Ultra Web is made with an electrospinning process that uses nanofiber technology to produce a continuous, resilient fiber of 0.2-0.3 micron in diameter to form a permanent web-like net layered onto the filter surface for longer filter life. The filter cartridges shall be arranged in a horizontal orientation for ease of filter change out. They shall be serviced from outside the collector through a front access port. Access covers shall include a quick release handle for quick removal and replacement of filter cartridges.

The collector shall be supplied with a top inlet as standard.

- E. TBI-10 SIDE MOUNT BLOWER: Centrifugal fan shall be Torit Backward Inclined (TBI), Direct Drive, Arrangement 4, SWSI Class II, direct mounted blower capable of generating 4500 CFM @ 9" total static pressure, please specify actual tsp). Fan shall be test run at the factory before shipping. The blower & motor assembly shall ship factory assembled for field mounting to side or top of Torit DFE3-6.
- F. 70 dBA SILENCER: Exhaust silencer is fabricated of painted galvanized steel and is lined with sound absorbing material. Noise level is 70 dBA at 3 ft. at position #1 with fan located outdoors. Installed sound levels will vary depending on the measurement location, operating conditions, and installation. Transition piece from TBI blower outlet to silencer inlet is included. Field support of silencer may be required
- G. 10 HP Torit Integrated Control Panel: The collector cleaning system shall be controlled by 10 HP Torit Integrated Control Panel w/ control panel disconnect, across the line motor starter, digital delta p cleaning gauge, and all pulse cleaning controls pre-wired in NEMA 12 enclosure (460/3/60). Includes factory installed magnahelic filter gauge for monitoring HEPA after filter. Complete with engraved label on panel door labeled: "HEPA".
- H. The cleaning control shall energize pilot solenoid valves at regular intervals, causing the diaphragm valves to release a maximum of 60 PSIG of compressed air to filter cartridges. Each pulse will be discharged through a diaphragm valve, blowpipe, and venturi before entering the filter cartridge to dislodge dust from the surface of the filter. The cleaning system shall incorporate venturies that extend through the tube sheet in order to deliver uniform pulse cleaning energy over the entire length of the filter cartridges. Dust removed during pulse cleaning will be continuously removed from the hopper at the base of the collector. Hopper shall be complete w/ drum cover & slide gate.
- I. Dust Collection Ductwork: Dust collection ductwork shall be as manufactured by EasyDuct™. Ducting shall be a modular, pre-engineered, adjustable, clamp-together duct system for industrial dust, mist, fume collection. Easy-Duct™ pipe shall be available in nominal diameters from 3" to 24" in one inch increments. All straight pipe shall be produced in nominal 5' lengths. Exact lengths are per the EasyDuct™ catalog Connection of the pipe and fittings to one another shall be done by use of a single lever clamp without the need

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for any further adjustment. All standard pipe and components shall be engineered for duct pressures ranging from +30"wg to -40"wg.

- J. Donaldson Ultra Lok HEPA Side Access Filter Housing: . Includes three (3) final filters. Provides 99.97% efficiency on 0.3 µm particles. Filter change is accomplished from side so that ductwork does not need to be disconnected for filter change. Please allow 26" of space on at least one side of the housing to provide room for filter replacement. Filter resistance is 2 "wg with clean filters and 3 "wg with seasoned filters. The filters are shipped in a separate package. Transition from duct to housing is by others.
- K. The collector shall be a Donaldson Torit® Model Downflo Evolution pulse-jet dust collector as manufactured by Donaldson Company, Inc. or approved equal and shall be warranted for ten (10) years from date of shipment.\* Acceptable substitutions are by Sternvent or AQC.

**Item 28**

**RFI**

"The manufacturers listed are Claridge, Greensteel, and Ghent, but Greensteel is no longer in business. Would other suppliers such as AARCO or Egan Visual be acceptable, as long as they match or exceed the specified requirements?"

--Yes, they can be considered equal.

**Item 29**

**RFI**

"Blinds are specifically called for in this room, which is receiving new exterior window, but other rooms are not indicated to receive blinds, even though they are also receiving new window. Is Rm 122 the only room receiving blinds?"

--Yes

**Item 30**

**RFI**

"Spec lists manufacturers Levolor, Hunter-Douglas and Solar Shading Systems, but Solar Shading Systems does not offer the required product. Would Springs Window Fashions be an acceptable manufacturer so long as they meet the required specifications?"

--Yes, they can be considered equal.

**8 Attachments**

**End of Addendum 2**



**Mellanee Walton, Associate Fiscal Administrative Officer  
Department of Administrative Services  
On Behalf of the Division of Construction Services**

DCS Project No.:	BI-RT-876	Meeting Purpose:
Date:	January 26, 2016	<input checked="" type="checkbox"/> Pre-Bid Meeting
Meeting Start Time:	10:00 am	<input type="checkbox"/> Post Bid Review Meeting
Meeting Location:	Bullard Havens THS Bldg. A Room 403	<input type="checkbox"/> Other:

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DCS Project No.:	BI-RT-876	Meeting Purpose:
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Name:	Pete Cappellino	Title:	Estimator
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Name:	AMERILIO GLOVIC	Title:	Presid.
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Street:	31 MILES ST BRIDGEPORT, CT	Phone:	203-368-3912
City/State/Zip	BRIDGEPORT, CT 06607	FAX:	203-367-4552

Name:	Charles Mebane	Title:	VP OP
Company/Department:	Mebane E Mebane LLC	E-mail:	mebaneandMebane@gmail.com
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City/State/Zip	Wolcott, CT 06716	FAX:	-

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Name:	Ed West	Title:	
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Street:	Bullard Havens	Phone:	
City/State/Zip:		FAX:	

Name:	Manuel H Res	Title:	President
Company/Department:	M+F REIS INC	E-mail:	REIS.M@SRGLOBAL.NET
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Name:		Title:	
Company/Department:		E-mail:	
Street:		Phone:	
City/State/Zip:		FAX:	

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

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

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

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



Division of  
Construction Services

6020  
Bid Phase Meeting  
Attendance Log

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Name:	MIKE HENNIG	Title:	PROJECT MANAGER
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Name:	JIM BINO JR.	Title:	PRCS.
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Name:	MANNY VETTI JR	Title:	PRCS
Company/Department:	HOME Electric	E-mail:	MANNY VETTI CT AOL.COM
Street:	53 HALLOWEEN BLVD	Phone:	203 348 0116
City/State/Zip	STAMFORD CT	FAX:	203 324 6057



RECEIVED

2016 JAN 25 A 11:03

INTERNAL OPS

01/18/2016

STATE OF CONNECTICUT  
165 CAPITOL AVENUE  
HARTFORD, CT 06106

RE: Job Number: 120000331 **BULLARD HAVENS REGIONAL VOC. TECH.\***  
500 PALISADE AVENUE, BRIDGEPORT, CT  
System Type: A 15600 Sq. Ft.  
Expiration Date: 10/22/2015

Dear Carlisle Customer,

A Carlisle SynTec roofing system warranty was issued on your building on 10/23/2000. This letter serves as a reminder that your manufacturer's warranty coverage expired 10/22/2015.

To ensure the highest levels of performance for your current and future roofing systems, Carlisle is willing to provide a no-obligation on-site roof evaluation. Carlisle's experienced personnel can assist in determining appropriate actions to keep your roofing system performing at the highest level and, when appropriate, recommends effective solutions for your future roofing needs.

The consultation will provide a comprehensive analysis including:

- \* Recommending options for maximizing the performance of your existing roofing asset
- \* Providing analyses to determine potential energy-saving strategies
- \* Budgeting for future roofing needs, if applicable

**What's next?**

Contact Carlisle's Strategic Accounts department at 866-386-7454 or email me at [michelle.varner@carlisesyntec.com](mailto:michelle.varner@carlisesyntec.com) to tell us how we can assist you with any of your roofing needs.

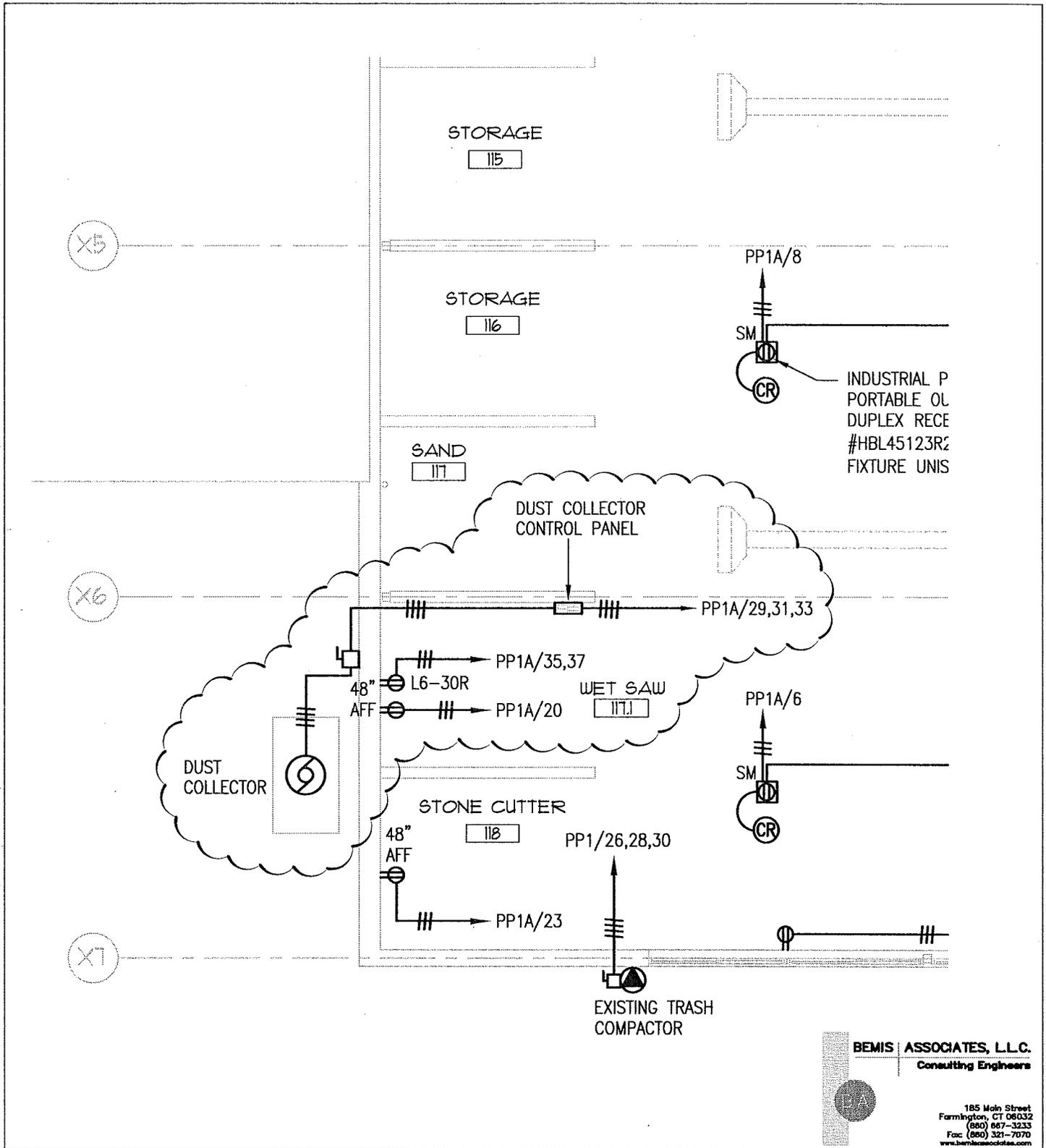
Please visit our company website at [www.carlisesyntec.com](http://www.carlisesyntec.com)

Sincerely,

*Michelle R. Varner*

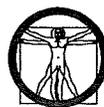
Strategic Accounts Coordinator

P: 717.245.7385 F: 717.245.7100



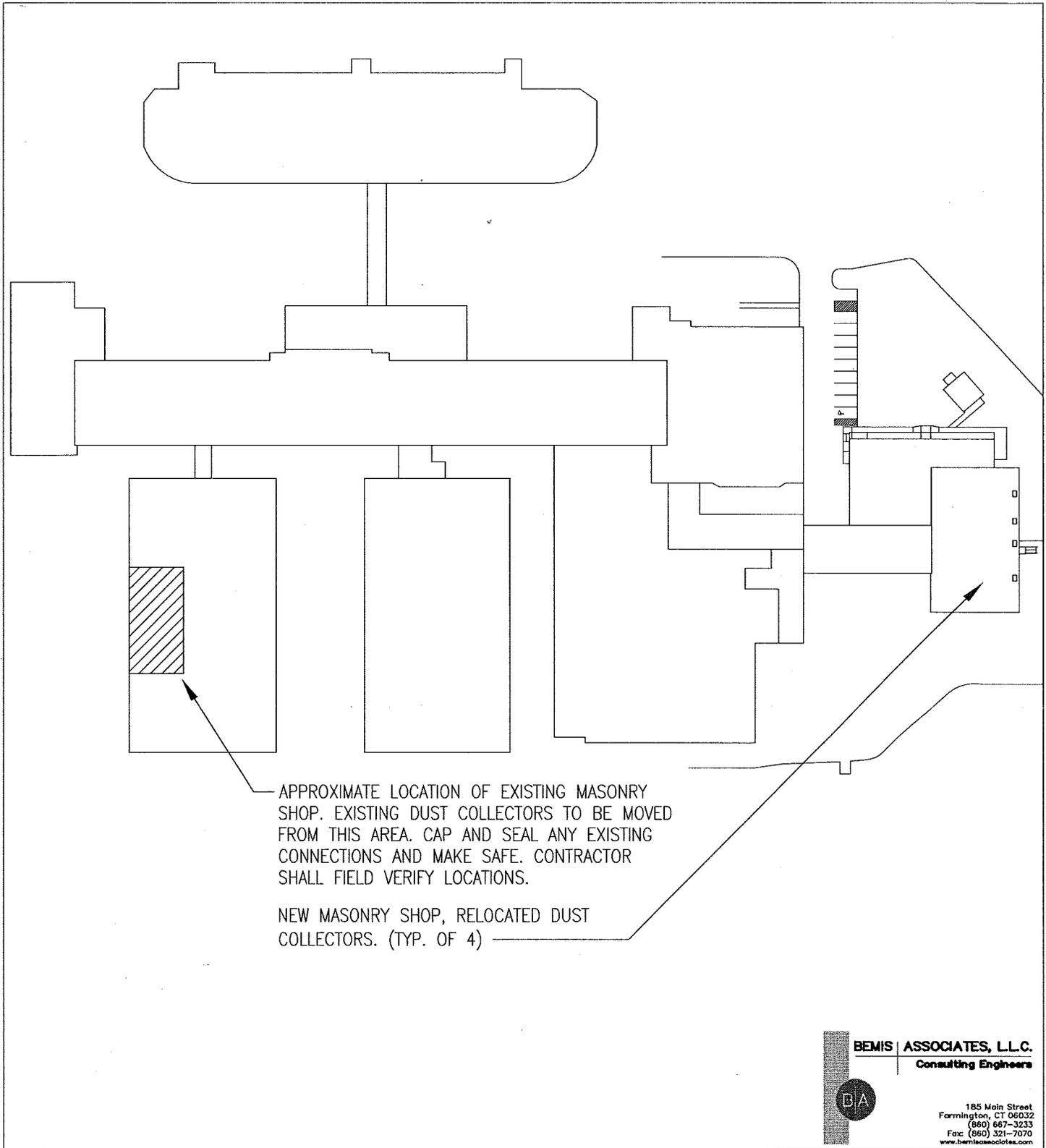
FIRST FLOOR POWER PLAN

BULLARD-HAVENS TECHNICAL HIGH SCHOOL  
 500 PALISADE AVE  
 MASONRY SHOP + FITNESS CENTER  
 BRIDGEPORT, CT  
 BI-RT-876



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

DRAWING NO:  
**SK1-EP-101**  
 DATE: 2/3/2016  
 SCALE: 1/8"=1'-0"



**BEMIS ASSOCIATES, L.L.C.**  
 Consulting Engineers

185 Main Street  
 Farmington, CT 06032  
 (860) 667-3233  
 Fax: (860) 321-7070  
 www.bemisassociates.com

FIRST FLOOR MECHANICAL PLAN

BULLARD-HAVENS TECHNICAL HIGH SCHOOL  
 500 PALISADE AVE  
 MASONRY SHOP + FITNESS CENTER  
 BRIDGEPORT, CT  
 BI-RT-876



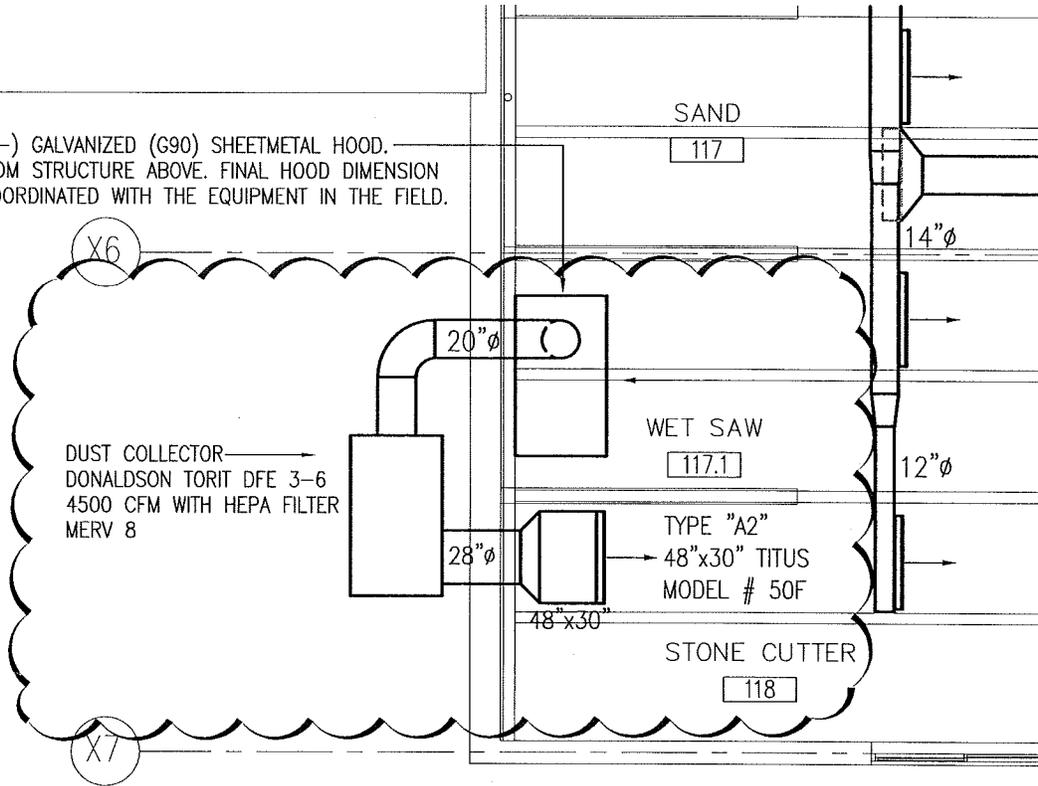
**OakPark**  
 Architects LLC

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

DRAWING NO:  
 SK1-M-101

DATE: 2/1/2016  
 SCALE: 1"=100'-0"

84"x48" (+/-) GALVANIZED (G90) SHEETMETAL HOOD.  
 SUPPORT FROM STRUCTURE ABOVE. FINAL HOOD DIMENSION  
 SHALL BE COORDINATED WITH THE EQUIPMENT IN THE FIELD.



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FIRST FLOOR MECHANICAL PLAN

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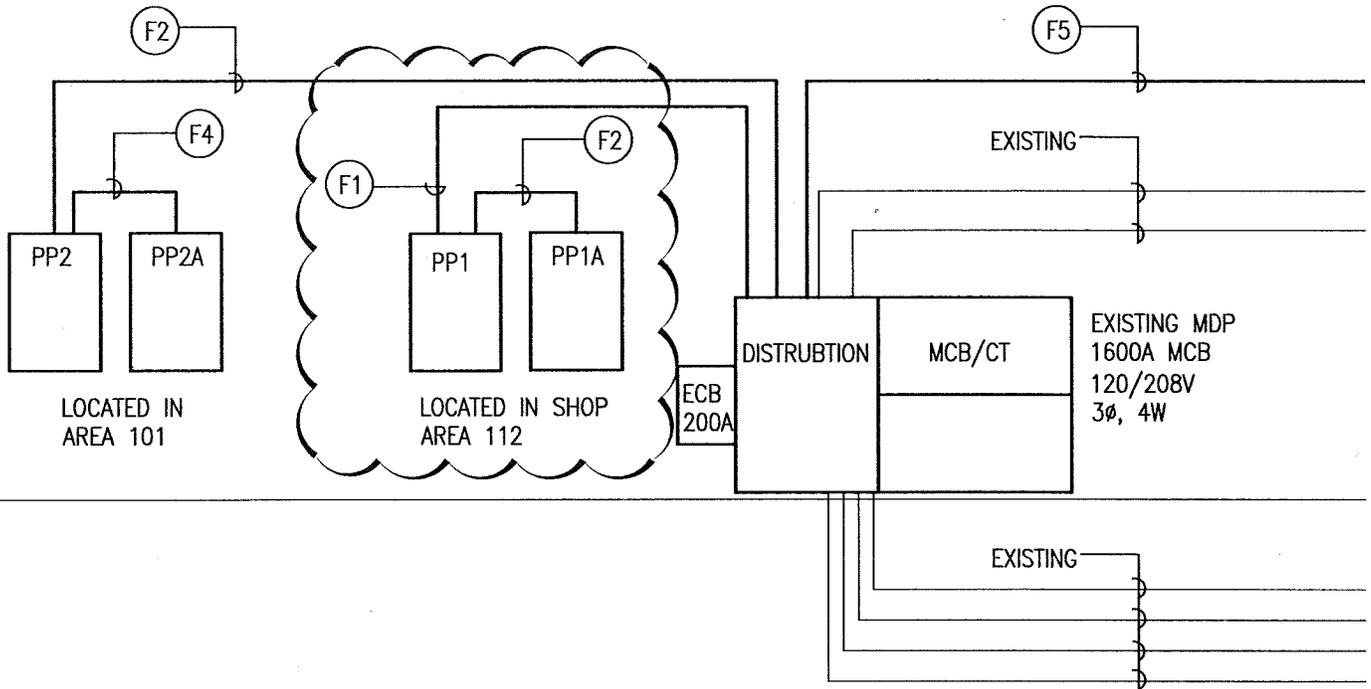
**Oak Park**  
 Architects LLC

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

DRAWING NO:

SK2-M-101

DATE: 2/3/2016  
 SCALE: 1/8"=1'-0"



**ONE-LINE POWER RISER DIAGRAM**

NTS

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Consulting Engineers



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**ONE-LINE RISER DIAGRAM, SCHEDULES & DETAILS**

**BULLARD-HAVENS TECHNICAL HIGH SCHOOL**  
500 PALISADE AVE  
MASONRY SHOP + FITNESS CENTER  
BRIDGEPORT, CT  
BI-RT-876



**Oak Park**  
Architects LLC

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

DRAWING NO:

SK1-E-201

DATE: 2/3/2016  
SCALE: NONE

PANEL: PP1					MANUFACTURE & MODEL: CUTLER-HAMMER, PRL3a								
MOUNTING: RECESSED					VOLTAGE CLASSIFICATION: 208Y/120V, 3 PHASE, 4 WIRE								
MAINS RATING: 400A MCB W/120V SHUNT TRIP COIL					SCR (FULLY RATED): 22K A.I.C. MIN.								
200% NEUTRAL: NO					SPD: NO								
BREAKER			PHASE LOAD - KW					BREAKER					
#	TRIP RATING	POLE	LOAD DESCRIPTION	LOAD KW	A	B	C	LOAD KW	LOAD DESCRIPTION	TRIP RATING	POLE	#	
1	150	3	PP1A	10.45	12.25			1.80	EXISTING MAU-1	30	3	2	
3	-	-	-	8.87		10.67		1.80	-	-	-	4	
5	-	-	-	8.80			10.60	1.80	-	-	-	6	
7	20	1	HAND DRYER	1.20	3.00			1.80	RELOCATED MAU-2	30	3	8	
9	20	1	HAND DRYER	1.20		3.00		1.80	-	-	-	10	
11	20	1	EXIST. OVERHEAD DOOR	1.00			2.80	1.80	-	-	-	12	
13	35	3	DC-1	2.10	3.80			1.70	RTU-2	30	2	14	
15	-	-	-	2.10		3.80		1.70	-	-	-	16	
17	-	-	-	2.10			2.10	0.00	SPARE	20	1	18	
19	35	3	DC-2	2.10	4.20			2.10	DC-4	35	3	20	
21	-	-	-	2.10		4.20		2.10	-	-	-	22	
23	-	-	-	2.10			4.20	2.10	-	-	-	24	
25	35	3	DC-3	2.10	6.00			3.90	EXIST. TRASH COMPACTOR	60	3	26	
27	-	-	-	2.10		6.00		3.90	-	-	-	28	
29	-	-	-	2.10			6.00	3.90	-	-	-	30	
31	20	1	EMER. LIGHTS	0.50	1.90			1.40	LIGHTS	20	1	32	
33	20	1	LIGHTS	1.20		1.70		0.50	EMER. LIGHTS	20	1	34	
35	20	1	LIGHTS	1.10			2.30	1.20	LIGHTS	20	1	36	
37	20	1	LIGHTS	0.10	0.40			0.30	LIGHTS	20	1	38	
39	20	1	SHUNT TRIP CIRCUIT	0.01		0.01		0.00	SPARE	20	1	40	
41	20	1	SPARE	0.00			0.00	0.00	SPARE	20	1	42	
TOTAL LOAD PER PHASE:					31.55	29.38	28.00	TOTAL LOAD ON PANEL:				88.93	KW
												246.85	AMPS
NOTES:													

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## ONE-LINE RISER DIAGRAM, SCHEDULES & DETAILS

BULLARD-HAVENS TECHNICAL HIGH SCHOOL  
500 PALISADE AVE  
MASONRY SHOP + FITNESS CENTER  
BRIDGEPORT, CT  
BI-RT-876



**Oak Park**  
Architects LLC

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

DRAWING NO:

SK2-E-201

DATE: 2/3/2016  
SCALE: NONE

PANEL: PP1A					MANUFACTURE & MODEL: CUTLER-HAMMER, PRL3a								
MOUNTING: RECESSED					VOLTAGE CLASSIFICATION: 208Y/120V, 3 PHASE, 4 WIRE								
MAINS RATING: 250A MLO					SCR (FULLY RATED): 22K A.I.C. MIN.								
200% NEUTRAL: NO					SPD: NO								
BREAKER			LOAD DESCRIPTION	LOAD KW	PHASE LOAD - KW			LOAD KW	LOAD DESCRIPTION	BREAKER			
#	TRIP RATING	POLE			A	B	C			TRIP RATING	POLE	#	
1	20	1	ELECTRONIC EYE	0.20	0.20			0.00	SPARE	20	1	2	
3	20	1	RECEPT. RM 121	0.80		0.80		0.00	SPARE	20	1	4	
5	20	1	RECEPT. RM 112	1.00			2.00	1.00	CORD REEL	20	1	6	
7	20	1	RECEPT. RM 122	0.80	1.80			1.00	CORD REEL	20	1	8	
9	20	1	RECEPT. RM 122	0.80		1.80		1.00	CORD REEL	20	1	10	
11	20	1	RECEPT. RM 122	0.80			1.80	1.00	CORD REEL	20	1	12	
13	20	1	RECEPT. RM 122	0.80	1.70			0.90	RECEPT.	20	1	14	
15	20	1	RECEPT. RM122	0.80		1.60		0.80	RECEPT.	20	1	16	
17	20	1	SMARTBOARD RM 122	0.50			0.90	0.40	RECEPT.	20	1	18	
19	20	1	RECEPT. RM 107 & 110	0.80	1.00			0.20	RECEPT.	20	1	20	
21	20	1	ROOF RECEPT.	0.36		0.72		0.36	ROOF RECEPT.	20	1	22	
23	20	1	RECEPT.	0.20			0.20	0.00	SPARE	20	1	24	
25	20	1	CUH-1	0.10	0.15			0.05	CRPS	20	1	26	
27	20	1	GRPS	0.05		0.05		0.00	SPARE	20	1	28	
29	60	3	DUST COLLECTOR	3.90			3.90	0.00	SPARE	20	1	30	
31	-	-		3.90	3.90			0.00	SPARE	20	1	32	
33	-	-		3.90		3.90		0.00	SPARE	20	1	34	
35	30	2	RECEPT.				0.00	0.00	SPARE	20	1	36	
37	-	-		1.70	1.70			0.00	SPARE	20	1	38	
39	20	1	SPARE	0.00		0.00		0.00	SPARE	20	1	40	
41	20	1	SPARE	0.00			0.00	0.00	SPARE	20	1	42	
TOTAL LOAD PER PHASE:					10.45	8.87	8.80	TOTAL LOAD ON PANEL:			28.12		KW
											78.06		AMPS
NOTES:													

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**Oak Park**  
Architects LLC

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

DRAWING NO:

SK3-E-201

DATE: 2/3/2016  
SCALE: NONE