

ADDENDUM NO.: 5

DATE OF ADDENDUM: February 27, 2015

**NEW DINING FACILITY  
CENTRAL CONNECTICUT STATE UNIVERSITY  
NEW BRITAIN, CT  
CF-RC-382**

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Original Bid Due Date / Time: February 25, 2015 1:00 PM

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Revised Bid Due Date / Time: March 4, 2015 1:00 PM

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Previous Addendums: Addendum No. 4 dated February 23, 2013.  
Addendum No. 3 dated February 19, 2015.  
Addendum No. 2 dated February 12, 2015.  
Addendum No. 1 dated February 3, 2015.

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**TO: Prospective Bid Proposers:**

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated 12/1/2014. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form. Failure to do may subject Bid Proposers to disqualification.

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

**Item 1**

FOOD SERVICE DRAWINGS - FS0.3 AND FS1.3, AND SPECIFICATION SECTION 114000 - FOOD SERVICE EQUIPMENT

The attached Crabtree McGrath Associates, Inc. Addendum #5, dated February 24, 2014 modifies FS0.3, FS1.3 and Specification Section 114000.

**Item 2**

MECHANICAL DRAWING M1.1 – FIRST FLOOR PLAN MECHANICAL

**Item 2.1**

The attached sketch SKM-03 FIRST FLOOR PLAN MECHANICAL, dated 02/26/15, modifies Drawing M1.1.

**Item 2.2**

The attached sketch SKM-04, dated 02/26/15, modifies Drawing M1.1.

**Item 3**

MECHANICAL DRAWING M3.1 – SCHEDULES – MECHANICAL

The attached sketch SKM-02 REVISED FIN TUBE RADIATION SCHEDULE – MECHANICAL, dated 02/26/15, modifies Drawing M3.1.

ADDENDUM NO.: 5

DATE OF ADDENDUM: February 27, 2015

Item 4

ELECTRICAL DRAWINGS

Modify Electrical Drawings as follows:

- Change equipment #194 wiring from 2#12+G-3/4"C to 3#12+G-3/4"C.
- Change equipment #194 receptacle from NEMA 6-20R to L15-20R.
- Change (2) 20A/2P circuit breakers at KP-A/20, 22 and KP-A/21, 23 to (4) 20A/1P spare circuit breakers.
- Provide (2) 20A/3P circuit breakers for equipment #194 at KP-B/25, 27, 29 and KP-B/26, 28, 30.
- Provide (6) 20A/1P spare circuit breakers at KP-B/31, 32, 33, 34, 35, 36.

Item 5

DRAWING E4.0 – SINGLE LINE DIAGRAM – ELECTRICAL

Change note on 1/E4.0 between existing high voltage switch NS-8A and transformer XF from "(3) #2 15KV + #2G 15KV IN EXISTING CONDUIT" TO (3) #2 AWG 15KV + (1) #2 AWG 15KV GROUND IN EXISTING CONDUIT".

Item 6

SPECIFICATION SECTION 232113.13 – UNDERGROUND HYDRONIC PIPING

Clarification: It is acceptable to provide 1" insulation on underground buried HWS/R piping noted in Specification Section 232113.13, provided it achieves a thermal conductivity of 0.19 Btu-in/Hr - ft<sup>2</sup> - °F or better.

Item 7

This Addendum #5 is the final to be issued for this Project. RFIs submitted after this Addendum will not be acknowledged or answered.

ATTACHMENTS

Crabtree McGrath Associates, Inc. Addendum #5, dated February 24.

SKM-02

SKM-03

SKM-04

END OF ADDENDUM #5

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (Tai Soo Kim Partners 860-249-0695) with copies sent to the CT DCS Project Manager (Todd Lukas 860-713-7261) and Construction Administrator (Strategic Building Solutions 860-395-1795)

End of Addendum 5

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



Addendum #5

PROJECT: CCSU Dining Hall  
New Britain, CT

ISSUE DATE: February 24, 2015

OWNER:

ARCHITECT PROJ. NO: CF-RC-382

ARCHITECT: Tai Soo Kim Partners  
Hartford, CT

CHANGES TO THE DRAWINGS:

	<u>Sheet</u>	<u>Description</u>
1.	FS0.3	Change electrical requirement for Item 194, Soft serve machines to 10 amps - 208/3 - C&P (NEMA L15-20P)
2.	FS1.3	Change electrical rough-in at Item 194, Soft serve machines to 10 amps - 208/3 - NEMA L15-20R +42"

CHANGES TO THE SPECIFICATIONS:

	<u>Section</u>	<u>Description</u>
1.	Par. 2.06, Item 194	Change soft serve machine model number to E13112
2.	Par. 2.06, Item 194	Change power requirement to 10 amps - 208/60/3 - cord and plug (NEMA L15-20P)

ATTACHMENTS:

1.	SK FS-08	FOODSERVICE EQUIPMENT SCHEDULE
2.	SK FS-09	LEVEL-1 - FOODSERVICE EQUIPMENT ROUGH-IN PLAN
3.	114000	Item 194

ISSUED BY:

Rob Miller  
Crabtree McGrath Associates

F O O D F A C I L I T I E S P L A N N E R S

161 West Main Street, Georgetown, Massachusetts 01833 phone: 978.352.8500 fax: 978.352.8588  
mail@crabtree-mcgrath.com

**SCHEDULE OF FOODSERVICE EC**

Item	Qty	Description	Gas MBTU/H	Amps (Circuit)	Amps (Load)	KW	HP	Volts	Phase	Direct	Plug	NEMA	Remarks
175	2	Drawer warmers			5.3			120	1		X	5-15P	Power from DR at Item 1
176	1	Breath guard											
177	-	spare number											
178	-	spare number											
179	1	Allergy free servery counter		(2)20				(2)120	1	X			Power for wall mounted I
180	1	Breath guard assembly with heat lamp and lights				1.1		208	1	X			
						0.1		120	1	X			
181	1	Heated surface			7.1			120	1		X	5-15P	
182	1	Refrigerated pan			6			120	1		X	5-15P	
183	-	spare number											
184	2	Beverage counters		20				120	1	X			Power for wall mounted I
185	2	Fountain soda beverage dispensers		20				120	1		X	5-15P	
186	4	Coffee dispensers											
187	2	Dairy dispenser			1.6			120	1		X	5-15P	
188	2	Hot beverage dispensers			15			120	1		X	5-15P	
189	2	Juice dispensers			9.5			120	1		X	5-15P	
190	2	Undercounter refrigerators			3.3			120	1		X	5-15P	
191	-	spare number											
192	-	spare number											
193	1	Dessert counter		(2)20				(2)120	1	X			Power for wall mounted I
194	2	Soft serve machines			10			208	3		X	L15-20P	△
195	1	Breath guard											
196	-	spare number											
197	1	Hot food well				1.0		208	1	X			
198	1	Refrigerated pan			3			120	1		X	5-15P	
199	1	Condiment/dessert counter partition assembly											
200	1	Condiment counter											

REFERENCE SHEET: FS0.3

REFERENCE ADDENDUM: Addendum #5

REFERENCE RFI:

REFERENCE SUPPLEMENTAL INFORMATION:

REFERENCE CHANGE ORDER PROPOSAL REQUEST:

REFERENCE SUBMITTAL:

TAI SOO KIM PARTNERS

146 Wyllys St  
Hartford, Connecticut  
Tel: (860) 547-1970  
Fax: (860) 249-0695

JOB NAME / NUMBER:  
CCSU DINING HALL

SCALE:

DATE:  
02/24/15

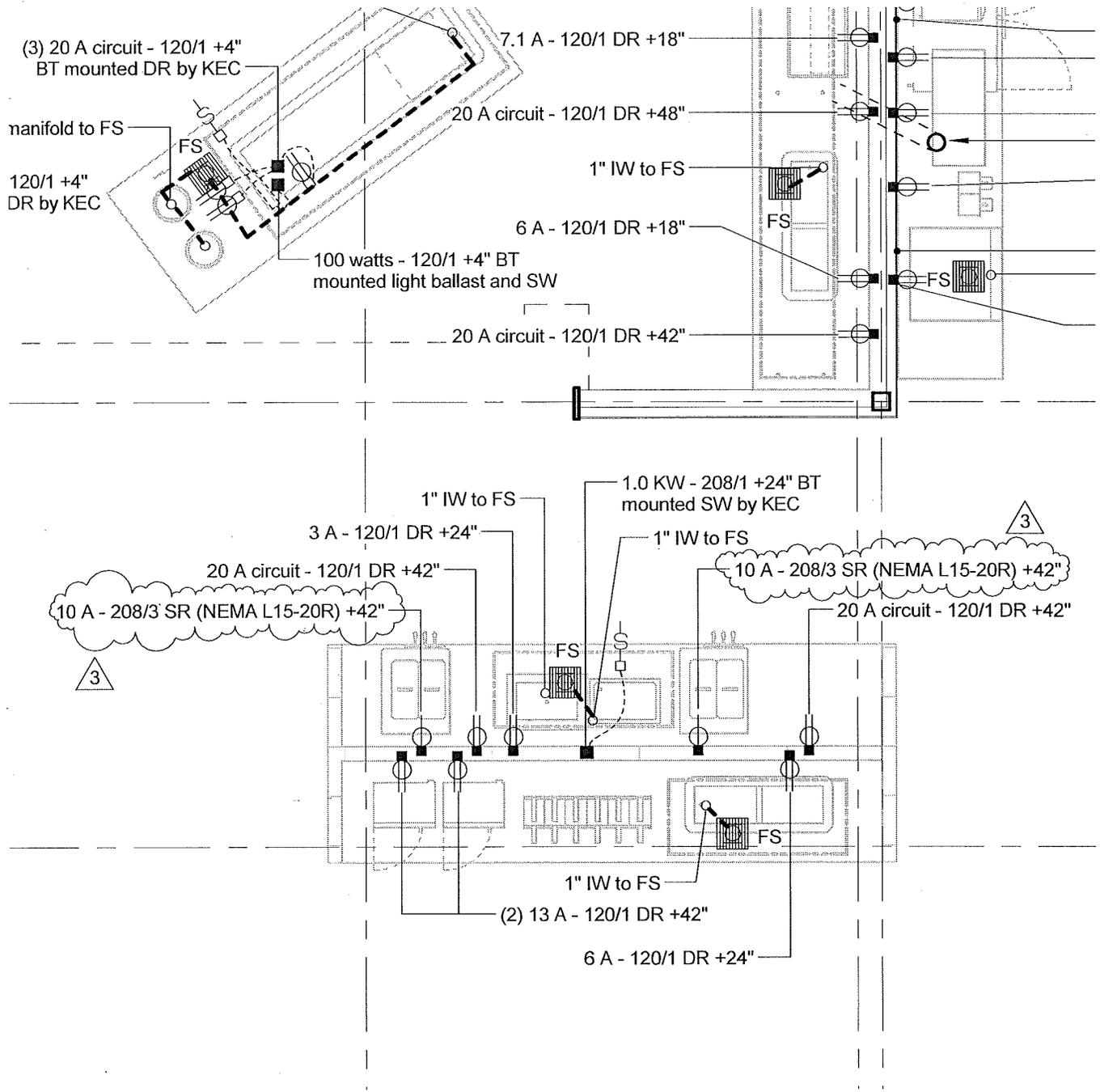
ISSUED BY:  
RM

TITLE:

FOODSERVICE  
EQUIPMENT SCHEDULE

DRAWING NO:

SK FS-08



REFERENCE SHEET: FS1.2

REFERENCE ADDENDUM: Addendum #5

REFERENCE RFI:

REFERENCE SUPPLEMENTAL INFORMATION:

REFERENCE CHANGE ORDER PROPOSAL REQUEST:

REFERENCE SUBMITTAL:

<b>TAI SOO KIM PARTNERS</b> T A I 146 Wyllys St S O O Hartford, Connecticut K I M Tel: (860) 547-1970 Fax: (860) 249-0695	<b>JOB NAME / NUMBER:</b> CCSU DINING HALL		<b>TITLE:</b> LEVEL 1 - FOODSERVICE EQUIPMENT ROUGH-IN PLAN	<b>DRAWING NO.:</b> SK FS-09
	<b>SCALE:</b> 1/4" = 1'-0"	<b>DATE:</b> 02/24/15		

Item 194 (Supplemental Bid No. 1)

SOFT SERVE MACHINES

Quantity - 2

Make - Stoelting ~~E131~~ **E13112** or equal by SaniServe or Taylor

Size - 22" x 28-1/2" x 34-3/4"

Power - ~~12 amps - 208/60/1 - cord and plug (NEMA 6-20P)~~

**Power - 10 amps - 208/60/3 - cord and plug (NEMA L15-20P)**

Description - Soft serve dispensers shall be all standard construction with stainless steel exterior, countertop design, self-closing spigots, two-flavors with individual or combined twist feature, and digital controls.

### FINNED TUBE RADIATION

UNIT NO	LOCATION	EWT	LWT	OUTPUT BTU/HF	ENCL HGT	NO TIER	TUBE		FINS		ENCLOSURE TYPE	MAKE/MODEL	REMARKS
							SIZE	MATL	SIZE	MATL			
FT-1	REFER TO PLANS	140°F	110°F	729	11-1/2"	4	-	-	-	-	-	RUNTAL RADIATOR RZF-4	FLOOR MOUNTED
FT-2	REFER TO PLANS	140°F	110°F	408	9-3/8"	1	1"	-	4-1/4" x 4-1/4"	CU/AL	32	STERLING C43	

- NOTES:
- 1) PROVIDE STANDARD COLOR CHARLOTTE COLOR SELECTION BY ARCHITECT.
  - 2) FT-1 SHALL BE PROVIDED WITH OPPOSITE END SERIES PIPING.
  - 3) PROVIDE WITH PEDESTAL MOUNTING SUPPORT; PEDESTAL BRACKET HEIGHT SHALL BE SELECTED BY THE ARCHITECT.
  - 4) REFER TO FLOOR PLAN FOR GRM REQUIREMENTS.
  - 5) PROVIDE ALL INSIDE CORNERS, OUTSIDE CORNERS, COLUMN ENCLOSURES, ACCESS DOORS, SPOOL PIECES, END CAPS AND OTHER FITTINGS REQUIRED FOR A CONTINUOUS AND COMPLETE INSTALLATION.

REFERENCE SHEET: MS-1  
 REFERENCE ADDENDUM: N/A  
 REFERENCE RFI: PAC Group, LLC - RFI#8  
 REFERENCE SUPPLEMENTAL INFORMATION: N/A  
 REFERENCE CHANGE ORDER PROPOSAL REQUEST: N/A  
 REFERENCE SUBMITTAL: N/A

	JOB NAME / NUMBER: DINING HALL	DRAWING NO: <b>SKM-02</b>
SCALE: NOT TO SCALE		
ISSUED BY: TRD		
DATE: 02/28/15		

TITLE:  
 REVISED FINNED TUBE RADIATION  
 SCHEDULE - MECHANICAL

B

B1

B.7

C

D

1

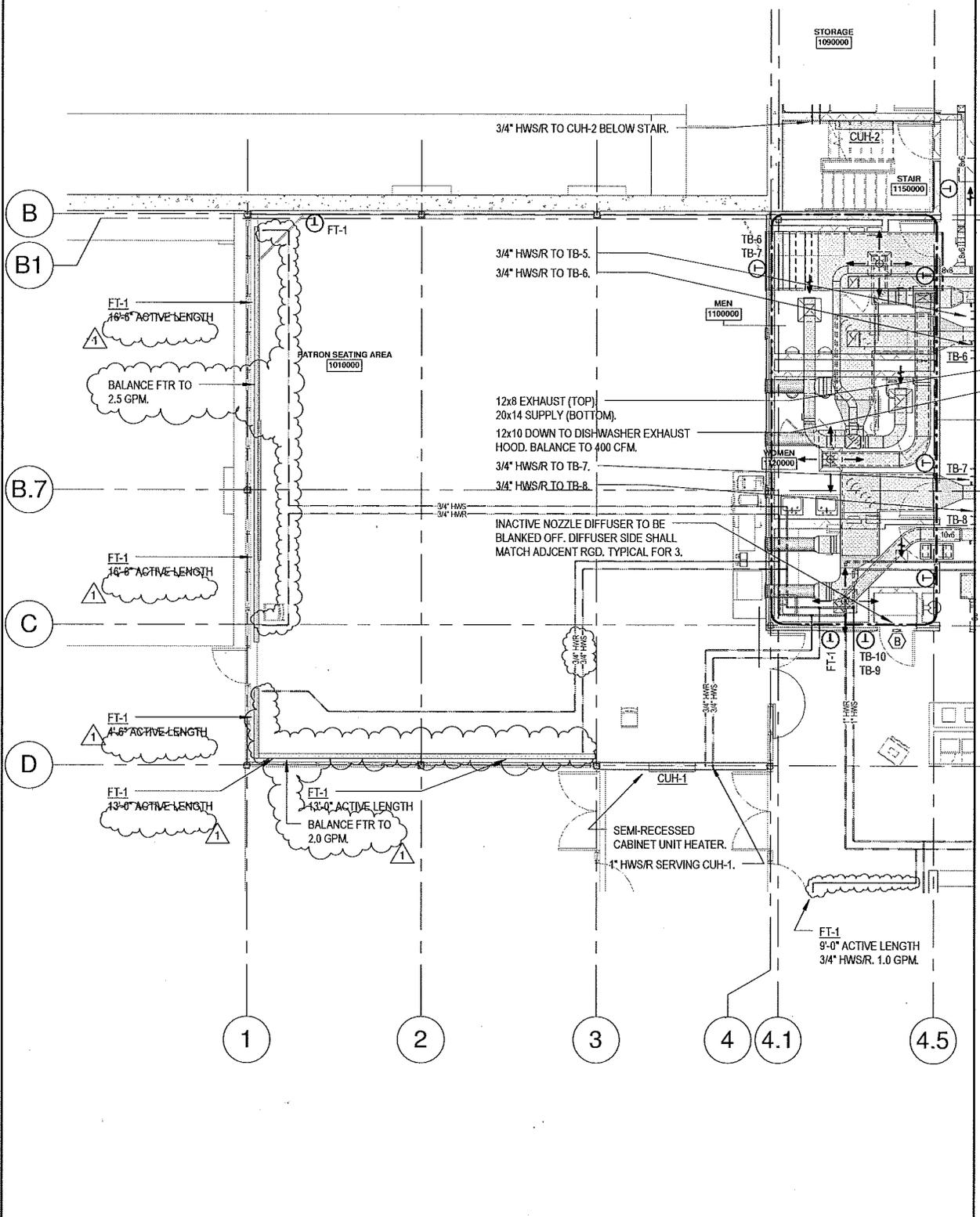
2

3

4

4.1

4.5



REFERENCE SHEET: 1M1.1  
 REFERENCE ADDENDUM: N/A  
 REFERENCE RFI: PAC Group, LLC - RFW3  
 REFERENCE SUPPLEMENTAL INFORMATION: N/A  
 REFERENCE CHANGE ORDER PROPOSAL REQUEST: N/A  
 REFERENCE SUBMITTAL: N/A



JOB NAME / NUMBER:  
 DINING HALL

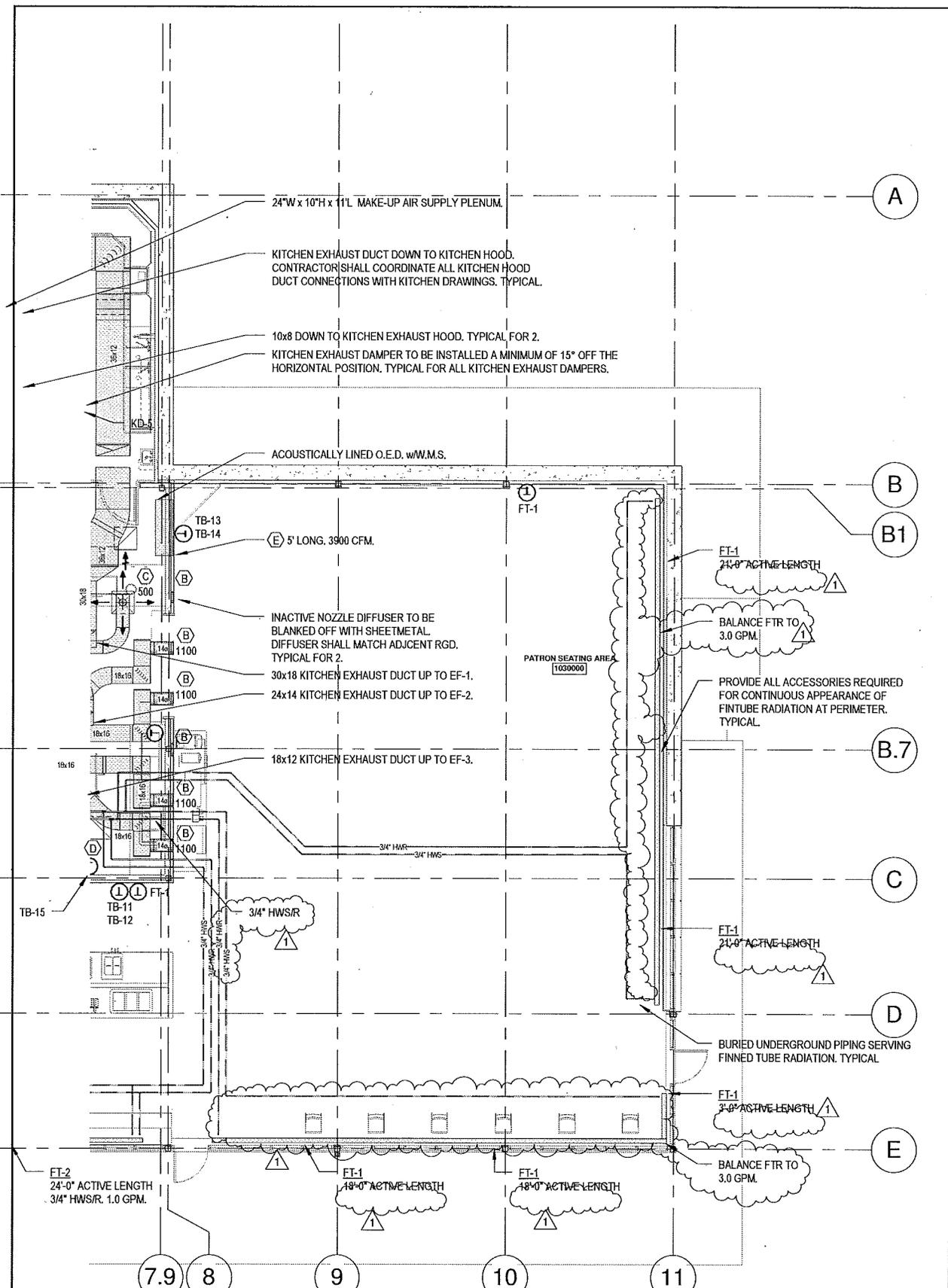
SCALE:  
 1/8" = 1'-0"

DATE:  
 02/26/15

TITLE:  
 FIRST FLOOR PLAN - MECHANICAL

ISSUED BY:  
 FMD

DRAWING NO:  
 SKM-03



REFERENCE SHEET: 1/M1.1  
 REFERENCE ADDENDUM: N/A  
 REFERENCE RFI: PAC Group, LLC - RFI#3  
 REFERENCE SUPPLEMENTAL INFORMATION: N/A  
 REFERENCE CHANGE ORDER PROPOSAL REQUEST: N/A  
 REFERENCE SUBMITTAL: N/A



JOB NAME / NUMBER:  
 DINING HALL  
 SCALE:  
 1/8" = 1'-0"  
 DATE:  
 02/26/15  
 ISSUED BY:  
 FMD

TITLE:

DRAWING NO:  
 SKM-04