

USC Upstate
CLC DISHWASHER EXHAUST SYSTEM
University of South Carolina
Project# CP00413282

Addendum No. 1

DATE: December 5, 2014

FROM: PERITUS ENGINEERS & ASSOCIATES, INC.

TO: ALL BIDDERS

The following items add to, modify, clarify, or otherwise alter the Drawings and/or specifications and will become a part of the Contract Documents. Where a portion of the Drawings and/or specifications is added to, modified, clarified, or otherwise altered, the portion not so affected shall remain. Bidder shall include all effects that these items may have on his proposal.

Acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

Pre-Bid Meeting

1. The attendance sign in sheet from the prebid conference meeting held Thursday, 12/4/2014, at 10 AM is included as an attachment with this addendum.
2. The deadline for submission of bidder's written questions regarding the project is close of business (5pm), Wednesday, December 10, 2014.
3. It is requested that a copy of the new dishwasher equipment be provided. A copy of that submittal is provided as an attachment to this addendum for reference.

CLARIFICATIONS

1. New dishwasher equipment is provided with integral balance dampers on each of the two (2) 4" x 16" exhaust duct connections. One connection requires 200 CFM and the other requires 400 CFM.
2. The existing kitchen exhaust fan to be demolished utilizes 115 Volts /1 phase / 60 Hertz power. Fed with 12AWG wire size and a 20 AMP single pole breaker.

END OF ADDENDUM NO. 1



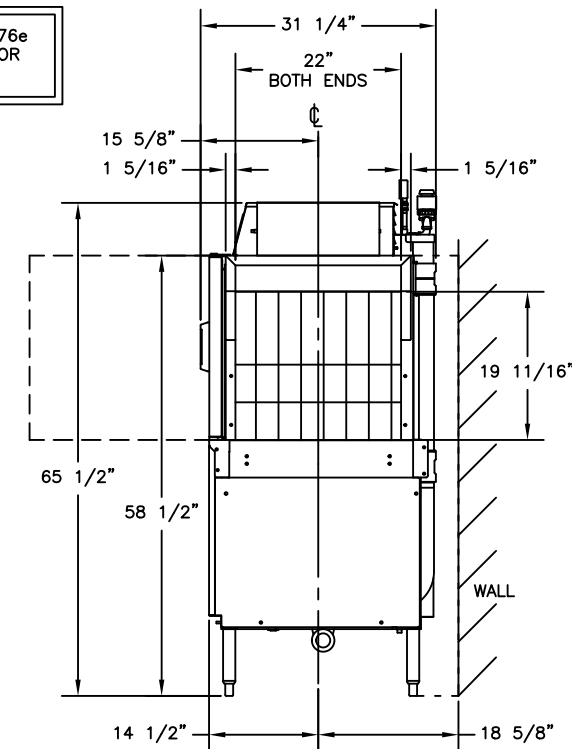
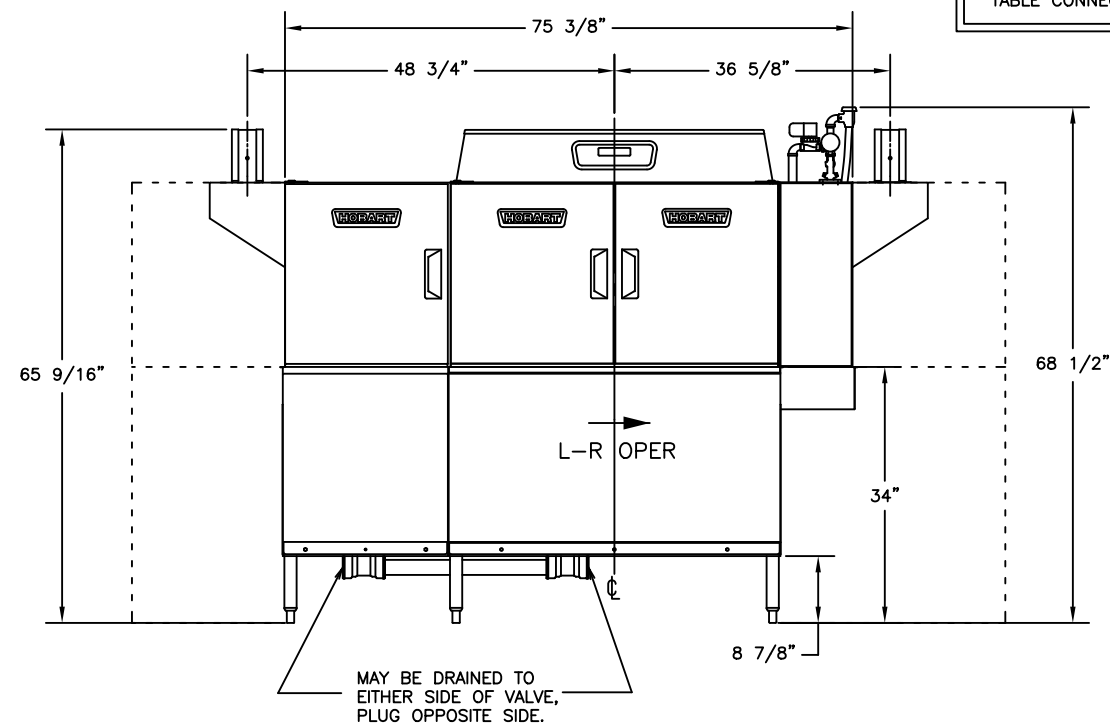
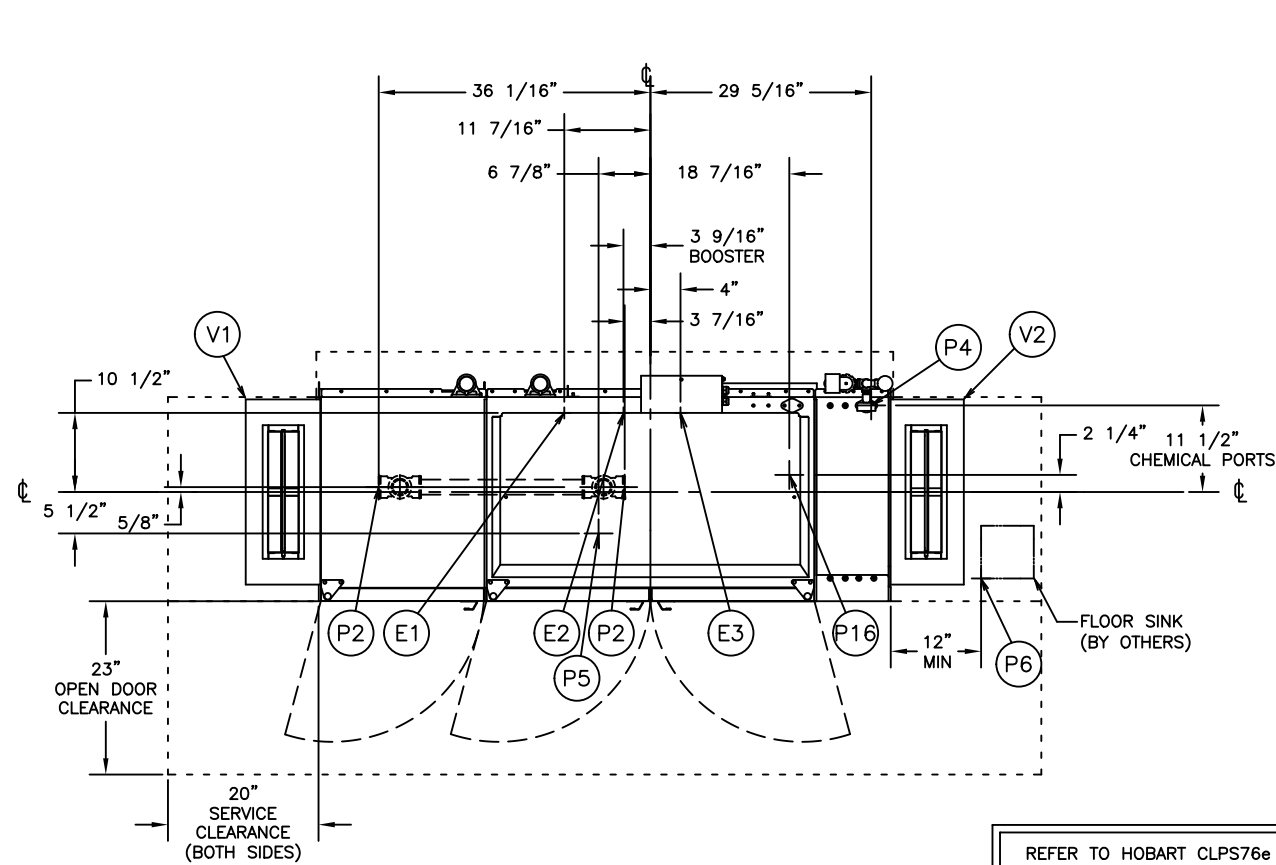
University of South Carolina Pre Bid Conference Sign In Sheet

Upstate Campus-Spartanburg, SC

Project Name, Number & Project Manager: USC Upstate CLC Dishwasher Exhaust System/CP00413282/Ben Coonrod
 Pre Bid Conference Date & Time: December 4, 2014 10AM 155 American Way;Spartanburg SC

Name	Company	Address	Phone #	Email
FRED SCOTT	USC UPSTATE	800 UNIVERSITY WAY SPARTANBURG, SC 29303	864.503.5500	FSCOTT@USCUPSTATE.EDU
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Jody Parker	Peritus Engineers	PO Box 16598 Greenville, SC 29606	864-277-8287	jparker@peritusengineers.com
Cody Godfrey	USC UPSTATE		864-503-5500	cgodfrey@uscupstate.edu

*Please make sure you list your company name as registered with LLR.
 * By signing and providing your email address, you are authorizing the University of South Carolina to send you information electronically.



ELECTRIC HEAT

SINGLE POINT ELECTRICAL CONNECTION (3 PH ONLY) MOTORS AND ELECTRIC TANK HEAT

E1	VOLTAGE	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
	480/60/3	30.6	40	40

E2	BOOSTER HEAT 30 KW			
	ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
	480/60/3	40.1	50	50

CONNECTION INFORMATION
(*AFF - ABOVE FINISHED FLOOR)

LEGEND

- E1 ELECTRIC CONNECTION: SINGLE POINT, ELEC, 1-1/4" CONDUIT HOLE, 63-3/4" AFF.
- E2 ELECTRIC CONNECTION: BOOSTER. 30KW, 1-1/4" CONDUIT HOLE, 63-3/4" AFF.
- E3 ELECTRIC CONNECTION: DETERGENT AND RINSE FEEDERS. 1/2" CONDUIT. 64-1/4" AFF.
- P2 DRAIN: 2" FPT, 7-3/8" AFF TWO POSSIBLE CONNECTIONS; MAY BE DRAINED TO EITHER SIDE OF VALVE, PLUG OPPOSITE SIDE.
- P4 RINSE FEEDER: REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE. 1/8" NPT 59-9/16" AFF.
- P5 DETERGENT PROBE SENSOR: REMOVE CAP AND STUD ASSEMBLY TO ACCESS 7/8" DIA HOLE (WASH TANK ONLY). 14-5/8" AFF.
- P6 INDIRECT DRAIN-FLOOR SINK: BY OTHERS, 0" AFF. WHEN REQUIRED, INSTALL FLOOR SINK OUTSIDE THE PERIMETER OF THE DISHWASHER.
- P16 COMMON WATER CONNECTION: 1/2" FPT, 11-3/16" AFF. HIGH TEMP. W/30K BOOSTER 110°F MIN.
- V1 VENT CONNECTION-ENTRANCE END: 4" WIDE x 16" LONG (INSIDE DIM.) WITH LOCKING TYPE DAMPER. 200 C.F.M.
- V2 VENT CONNECTION-DISCHARGE END: 4" WIDE x 16" LONG (INSIDE DIM.) WITH LOCKING TYPE DAMPER. 400 C.F.M.

PLUMBING NOTES:

- WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION.
- RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS FOR BEST RESULTS.
- RECOMMENDED BUILDING FLOWING WATER PRESSURE TO THE DISHWASHER IS 20 PSI, (15 PSI MIN - 25 PSI MAX). IF PRESSURES HIGHER THAN 25 PSI ARE PRESENT, A PRESSURE REGULATING VALVE WITH INTERNAL THERMAL EXPANSION BY-PASS, MUST BE SUPPLIED (BY OTHERS) IN THE WATER LINE TO THE DISHWASHER.
- FOR CONVENIENCE WHEN CLEANING, WATER TAP SHOULD BE INSTALLED NEAR MACHINE WITH HEAVY DUTY HOSE AND SQUEEZE VALVE.
- WHEN USED, CHEMICAL SANITIZING FEEDER MUST BE CERTIFIED TO NSF STANDARD 29.

MISCELLANEOUS NOTES:

- OPTIONAL VENT HOODS OR EXTENDED HOODS EXHAUST REQUIREMENTS: 200 CFM ENTRANCE END
400 CFM EXIT END.
- ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED APPROXIMATELY 3/4" OR DECREASED 1/2".
- 75-7/8" INSIDE TANK (AT TABLE CONNECTION)
- 75-21/32" TABLE TO TABLE.
- NET WEIGHT OF MACHINE: 820 LBS (STD HEIGHT), DOMESTIC SHIPPING WEIGHT: 926 LBS (STD HEIGHT).

NOTE:

THIS DRAWING IS SUPPLIED AS A REFERENCE FOR CONNECTION INFORMATION ONLY. IT WILL NOT BE UTILIZED FOR MANUFACTURING OF UNIT.
CUSTOMER SERVICE, IN TROY, OHIO, MUST BE NOTIFIED OF ANY CHANGES.



ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER LOCAL ELECTRICAL CODES.

PLUMBING CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY, AND PLUMBING CODES.

CAUTION:

CERTAIN MATERIALS INCLUDING SILVER, ALUMINUM, AND PEWTER ARE ATTACKED BY SODIUM HYPOCHLORITE (LIQUID BLEACH).

UNIV. OF SOUTH CAROLINA
UPSTATE FACILITIES BLDG 990
SPARTENBURG, SC

H.O.#
PROJECT# 43745
QUOTE# MG7770

REV	DESCRIPTION	DATE	INIT.
NAME	SALES DRAWING		
MODEL	CLPS76e, ELECTRIC HEAT		
DIRECTION	L-R		
DRAWN BY:	K Walls	DATE:	11/18/14
SIZE	DRAWING NO.	SHEET	REV.
Y	Z-C14-264	1 OF 1	

