

ADDENDUM NUMBER 1

Date: June 27, 2013

Re: Install Plate Frame Heat Exchanger at South Energy (H27-6094-K)
University of South Carolina

A/E Proj. No.: 122971

Submitted By: Danny Wilds, PE
Mechanical Design, Inc.
4403 Broad River Road
Columbia, S.C. 29210
(803)731-9834 Fax: (803)731-9837

The following items take precedence over referenced portions of the Contract Documents for the referenced project dated June 18, 2012, and, in executing a contract, shall become a part thereof.

Where any item called for in the documents is supplemented hereby, the original requirements shall remain in effect. All supplemental conditions shall be considered as added thereto.

Where any original item is amended, voided, or superseded hereby, the provision of such items not so specifically amended, voided, or superseded shall remain in effect.

General:

1. A non-mandatory Pre-Bid was held on 6/20/2013 at 1:00 pm EST, and a subsequent site visit was made available. Attached is the Attendance List.

Drawings:

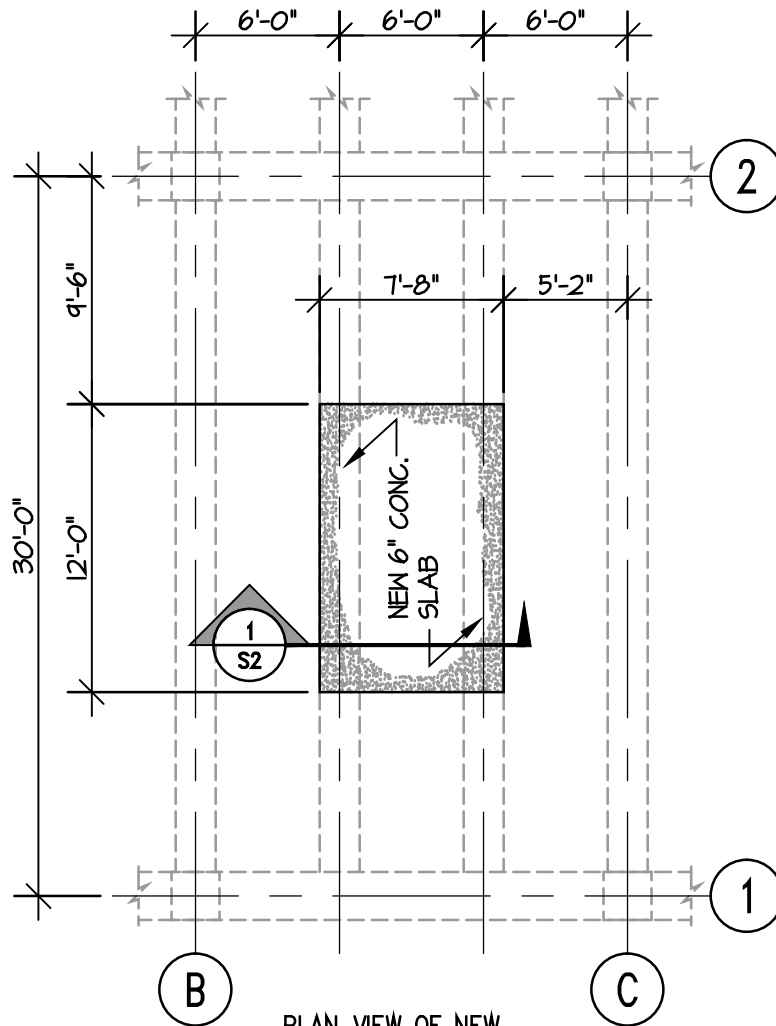
2. Refer to drawing M1, Basement Level Mechanical Plan - South Energy Facility - Renovations, the discharge chilled water pipe from CHWP-01 does not elbow at a 45E before rising through the floor as shown. The new 14" CHR connection can be field cut in the riser in lieu of a 14" tee as shown. The location and method shall subject to the Engineer's approval before cutting.
3. The suction diffuser, volute, and triple duty valve at CWP-01 shall be included in the pipe insulation to be added to the condenser water piping.
4. Refer to the attached structural sketches (S1, S2, and S3), and, in executing a contract, shall become a part thereof.

Specifications: No changes

Approved Substitutions:

None

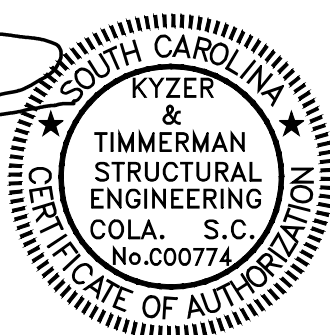
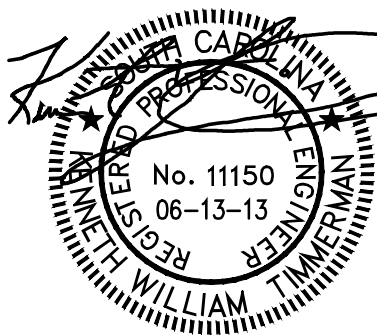
END OF ADDENDUM NO. 1



PLAN VIEW OF NEW
CONC. SLAB ON EXIST.
ELEVATED CONC. SLAB

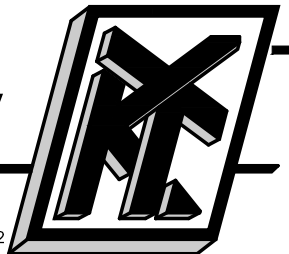
NOTES:

- 1.) CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO WORK.
- 2.) ASSUMED WEIGHT OF NEW HEAT EXCHANGER IS 23,000 lbs. CONTRACTOR TO VERIFY THIS WITH SUPPLIER. CONTRACTOR TO NOTIFY ENGINEER IF NEW HEAT EXCHANGER IS MORE THAN ASSUMED WEIGHT.
- 3.) NEW CONCRETE TO 4000 PSI COMPRESSIVE STRENGTH. CONTRACTOR SHALL NOT INSTALL NEW HEAT EXCHANGER UNTIL THIS STRENGTH IS MET.
- 4.) INSTALLATION OF CONCRETE BONDING AGENT SHALL BE WITNESSED BY CONCRETE BONDING AGENT SUPPLIER REPRESENTATIVE. CONCRETE BONDING AGENT REPRESENTATIVE SHALL SUPPLY LETTER STATING THE CONCRETE BONDING AGENT HAS BEEN INSTALLED CORRECTLY.



**KYZER &
TIMMERMAN**
STRUCTURAL ENGINEERS

580 Chris Drive, West Columbia S.C. 29169 Ph. 803.791.4511 Fax 803.791.4522

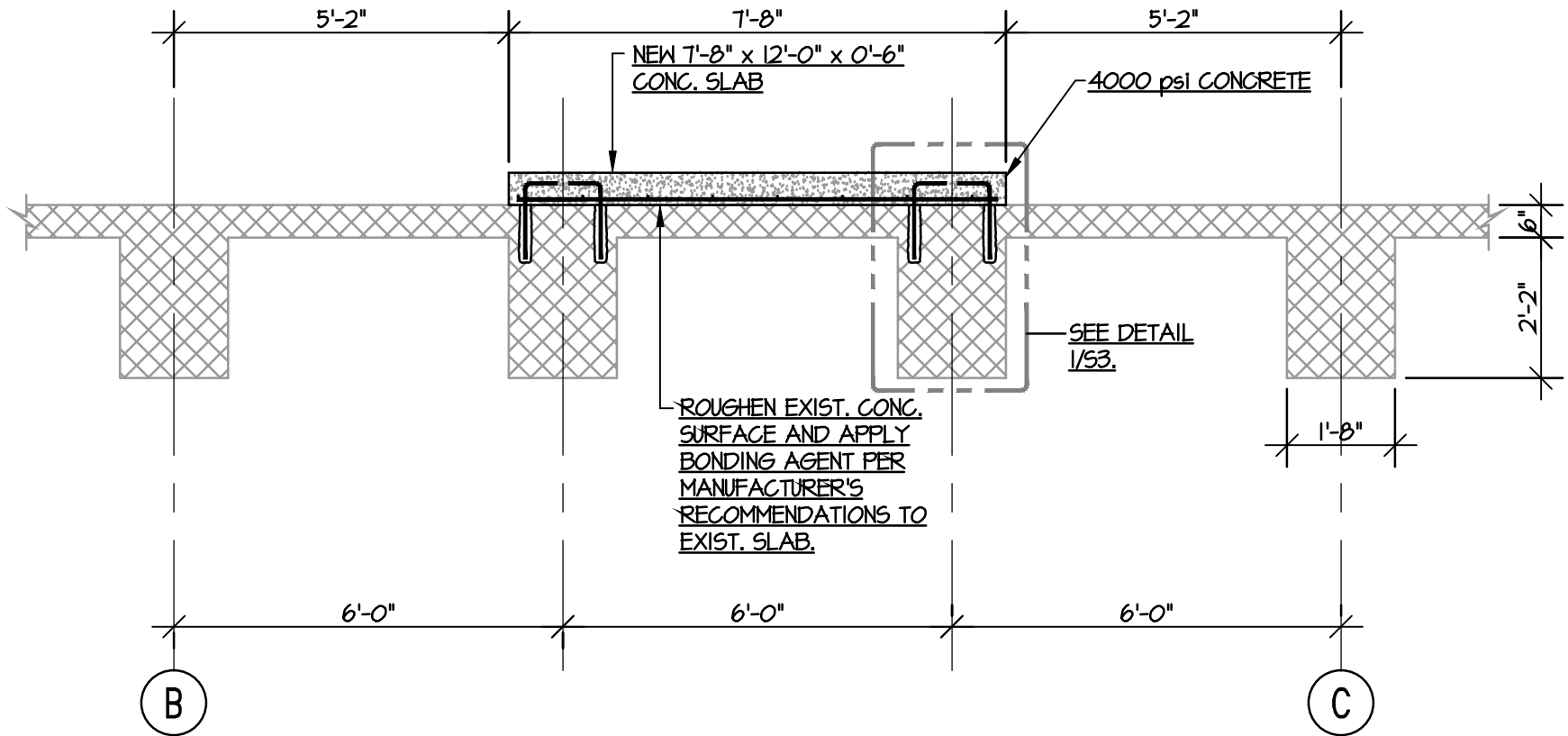


JOB: SOUTH ENERGY PLANT – HEAT EXCHANGER SUPPORT
USC – COLUMBIA, SC

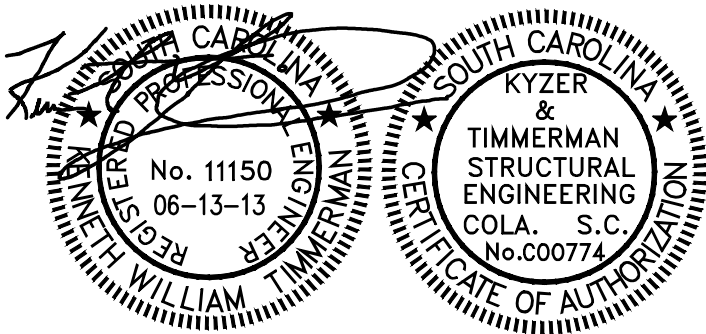
JOB NUMBER: 12-211

DATE: 06-13-13

SHEET: S1



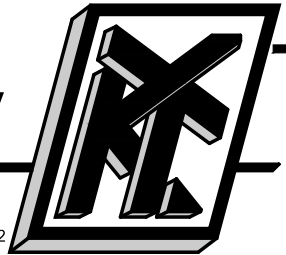
SECTION 1
S2



**KYZER &
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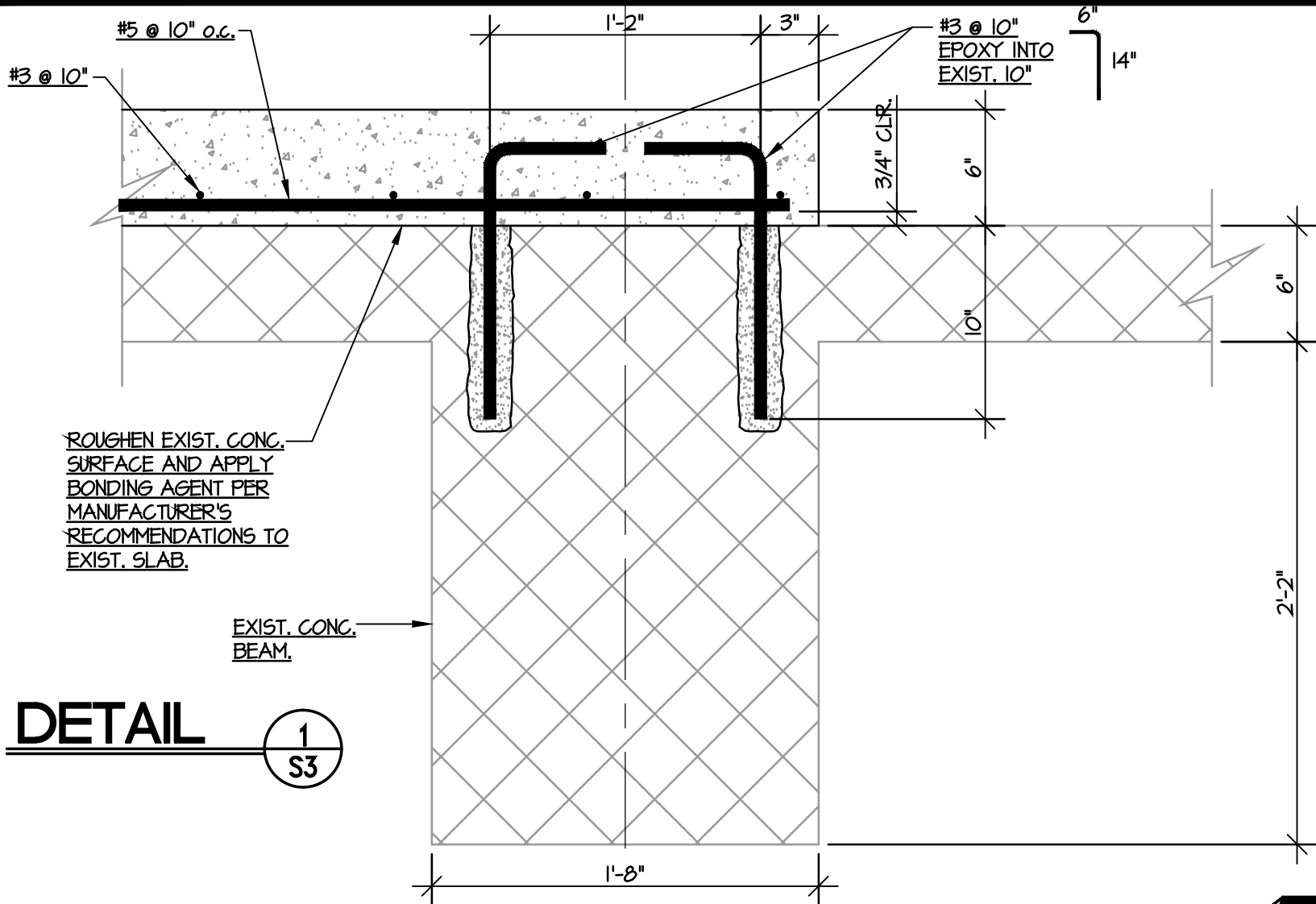


JOB: SOUTH ENERGY PLANT - HEAT EXCHANGER SUPPORT
USC - COLUMBIA, SC

JOB NUMBER: 12-211

DATE: 06-13-13

SHEET: S2

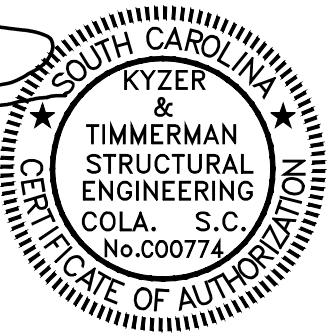
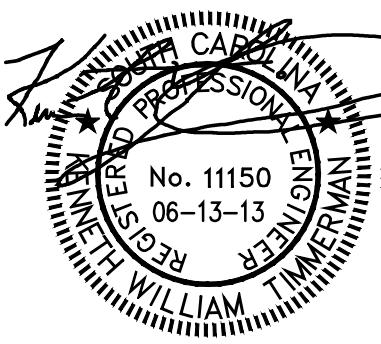


ROUGHEN EXIST. CONC. SURFACE AND APPLY BONDING AGENT PER MANUFACTURER'S RECOMMENDATIONS TO EXIST. SLAB.

EXIST. CONC. BEAM.

DETAIL

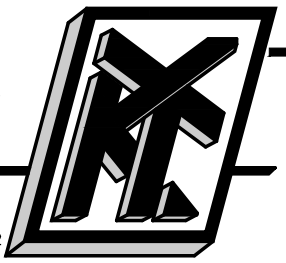
1
S3



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JOB: SOUTH ENERGY PLANT – HEAT EXCHANGER SUPPORT USC – COLUMBIA, SC	
JOB NUMBER: 12-211	DATE: 06-13-13
SHEET: S3	

University of South Carolina - Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name & Number: South Energy Plate Frame heat Exchanger Installation/H27-1977
 Pre Bid Date & Time: June 20, 2013 @1pm

Name	Company	Address	Phone #	Email
Tony Waters	Mc Carter Mech.	685 John Dobbie Spartanburg SC	864-599-7883	Scott@McCarteMechanical.com
Charles Owens	Gregory Industrial	2124 college st. Columbia, SC	803-748-1122	COwens@GregoryIndustrial.com
John Gourdin	Callum Constructors, Inc	P.O. Box 40368 Charleston, SC 29423	843-244-1408 843-554-6645 FX 843-529-2186	GourdinJ@calluminc.com
EARL Hoge	INSULATION INSULATION	P.O. Box 1404 LEX, SC 29071	803-530-9020 FX 803-356-1973	N/A
Ashley Ragsdale	MSTI CONST.	745 Greenwood Rd W. COLA, S.C. 29168	803-796-3324 FX 803-796-3482	ASHLEYRAGSDALE@MSTICONS.COM
Terry Schmidt	MST Construction	" " " "	803-606-2429	terryschmidt@mstconst.com
Joseph Nelson	MST const.	" " "	803-609-1372	nelsonjac9@yahoo.com
RANDY OWENS	Columbia Cooling Heating	2320 Waverly St. Columbia, SC 29201	803-765-0430	ROWENS@Columbiacooling.com
Mr Swath	Boiler Masters Inc	344 Village Green Dr Greensboro, NC 27406	1-855-202-9044	boilermasters1@aol.com

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

University of South Carolina - Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name & Number: South Energy Plate Frame heat Exchanger Installation/H27-1977
 Pre Bid Date & Time: June 20, 2013 @1pm

Name	Company	Address	Phone #	Email
Troy Nelson	USE Energy	243 Greene St	777-4674	tnelson@usc.edu
Magiana Brooks	USC-Faculties	" "	803.777.3596	brooks@usc.edu

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