

**Hodge Center Cooling Tower Replacement
University of South Carolina - Upstate**

SC State Project # H34-9544

Addendum No. 1

DATE: November 16, 2016

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 Monday, 11/7/2016, at 10:00 AM is included as an attachment with this addendum.

Clarifications

1. Provide cooling tower manufacturer's field service to confirm drive shaft alignment verification to within factory tolerance (0.005") prior to cooling tower startup
2. Cooling Tower motor shall be field installed by mechanical contractor
3. Cooling tower motor shall be "Inverter Duty", "Premium Efficiency" type, and provided with Shaft Grounding Rings
4. Tower shall be provided with safety cage at top of ladder providing access to fan deck
5. Cooling Tower drain piping shall be solid wall, sch. 40 DWV PVC. Foam core or cellular core piping is not acceptable. Drain piping shall not require insulation and shall extend and terminate to edge of existing concrete tower support, same as existing.
6. The basis of design tower features 5 ft. tall velocity recovery fan stack, and shall be certified to meet OSHA requirement without fan guard. Cooling towers without such velocity stack shall be equipped with fan guard protection.

7. Cold Water collection basin shall feature outlet connection with bottom hole & bolt type for piping connection and provided with screen and anti-cavitation provisions.
8. Requirement for equalizer flume connections on tower cold water basin is deleted.
9. Electric heat control panel provided by Cooling Tower manufacturer shall feature disconnect switch

Drawings

1. See Mechanical Piping bulletins MP#1, MP#2, MP#3, and MP#4 for clouded revisions to Drawings MP-1 and MP-2, which indicates piping revisions at the tower, tower motor location on retaining wall side, and different access ladder location.

Specifications:

Specification section 15680, page 1, Part 2, paragraph 2.2.A, change 1st sentence to read:
“The tower’s thermal rating, as certified by the Cooling Tower Institute, shall be guaranteed to be rated for 6,750 MBH of heat rejection and 461 nominal cooling tower tons.

END OF ADDENDUM NO. 1

University of South Carolina
Pre Bid Sign In Sheet
 Columbia, South Carolina

Project Name: Upstate Hodge Center Cooling Tower Replacement
Project Number: H34-9544
 November 7, 2016@10:00am
 155 American Way,
 Spartanburg, SC

Pre Bid Date & Time:

SWMBE Contractor?	Name	Company Name	Address	Phone #	Email
S W M B E	Will Thompson	Mc CARTER MECH	685 John Doo Rd SPARTANBURG, SC 29803	864 599-7803	willt@mcartermechanical.com
S W M B E	Del Barnhill	BCH Mech	203 Green Fox Rd INAD, N. CAROLINA 27834	919-222-8384	dbarnhill@bchmechanical.com
S W M B E	Carlos Sandoval	Cayce Company	307 DODLEY RD LEXINGTON, SC 29073	(803) 808-3724	Carlos@CayceCompany.com
S W M B E	Mike Speth	Boiler Masters Inc	314 VITAGE GREEN DR GREENSBORO, NC 27416	1-888-272-9644	boilermasters1@aol.com
S W M B E	Jody Parker	Peritus Engineers	Po Box 16598 Greenville, SC 29605	864-277-8287	jparker@peritusengineers.com
S W M B E	Rob Uselton	MSS solutions	317 W. Phillips Greer SC.	864-704-5551	Rob.Uselton@MSSsolutions.com
S W M B E	CARY GALLOWAY	MSS	317 W PHILLIPS GREER	704-2238	CARY.GALLOWAY@MSS SOLUTIONS.COM
S W M B E	Scott Crain	Southern Industrial Constructors	200 Planters Drive Columbia SC	803-563-2560	Scott.crain@southernindustrial.com
S W M B E	Charles McManus	Southern Crane	200 Planters Columbia SC	803-453-4170	Charles.McManus@southernindustrial.com

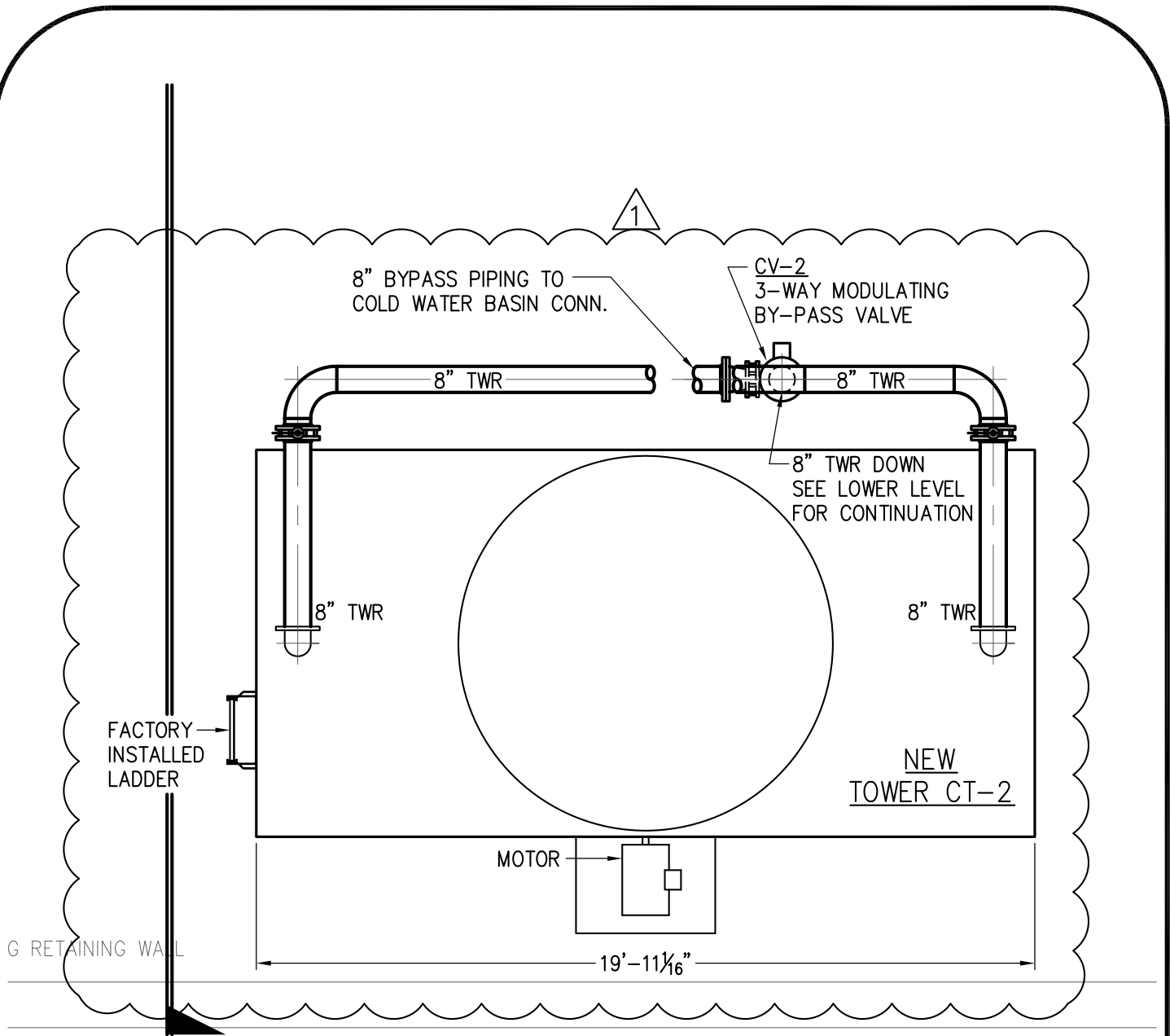
****By signing this sheet you agree to receive information electronically.

**University of South Carolina
Pre Bid Sign In Sheet
Columbia, South Carolina**

Project Name: Upstate Hodge Center Cooling Tower Replacement
Project Number: H34-9544
 November 7, 2016@10:00am
 155 American Way,
 Spartanburg, SC
Pre Bid Date & Time:

SWMBE Contractor?	Name	Company Name	Address	Phone #	Email
S W M B E	POYLE SWITZER	SWITZER ELECTRICAL	316 HUNTERSEED POULINE SC 29374	864-809-2058	SWITZER.CONSTAN.ELECTRICAL@GMAIL.COM
S W M B E	RON GREER	PIEDMONT MECHANICAL INC	116 JOHN DODD RD. SP7TS SC	864-578- 9114	RGREER@PIEDMONTMECHANICAL.COM
S W M B E	Travis Ramsey	IMOCO	115-G Southport Rd Spartanburg, SC	828-699- 3119	tramsay@imocoinc.net
S W M B E	John Vernon	IMOCO	"	864-415- 9738	jvernon@imocoinc.net
S W M B E	Norman Sexton	IMOCO	"	828-768- 1539	nsexton@imocoinc.net
S W M B E	Robert Christensen	SIC	200 Planters Dr. Col SC	803 730 6358	Robert.Christensen@SouthernIndustrial.com
S W M B E	Jesse Goans	SIC	200 Planters Dr. Columb	803 904 0000	jesse.goans@southernindustrial.com
S W M B E	Cody Godfrey	USC UPSTATE	500 university way	864 503 5500	cgodfrey@uscupstate.edu
S W M B E					

****By signing this sheet you agree to receive information electronically.



HVAC PIPING PARTIAL NEW WORK PLAN – UPPER LEVEL

SCALE: 1/4" = 1'-0"

ALL NEW WORK SHOWN IN **BOLD**

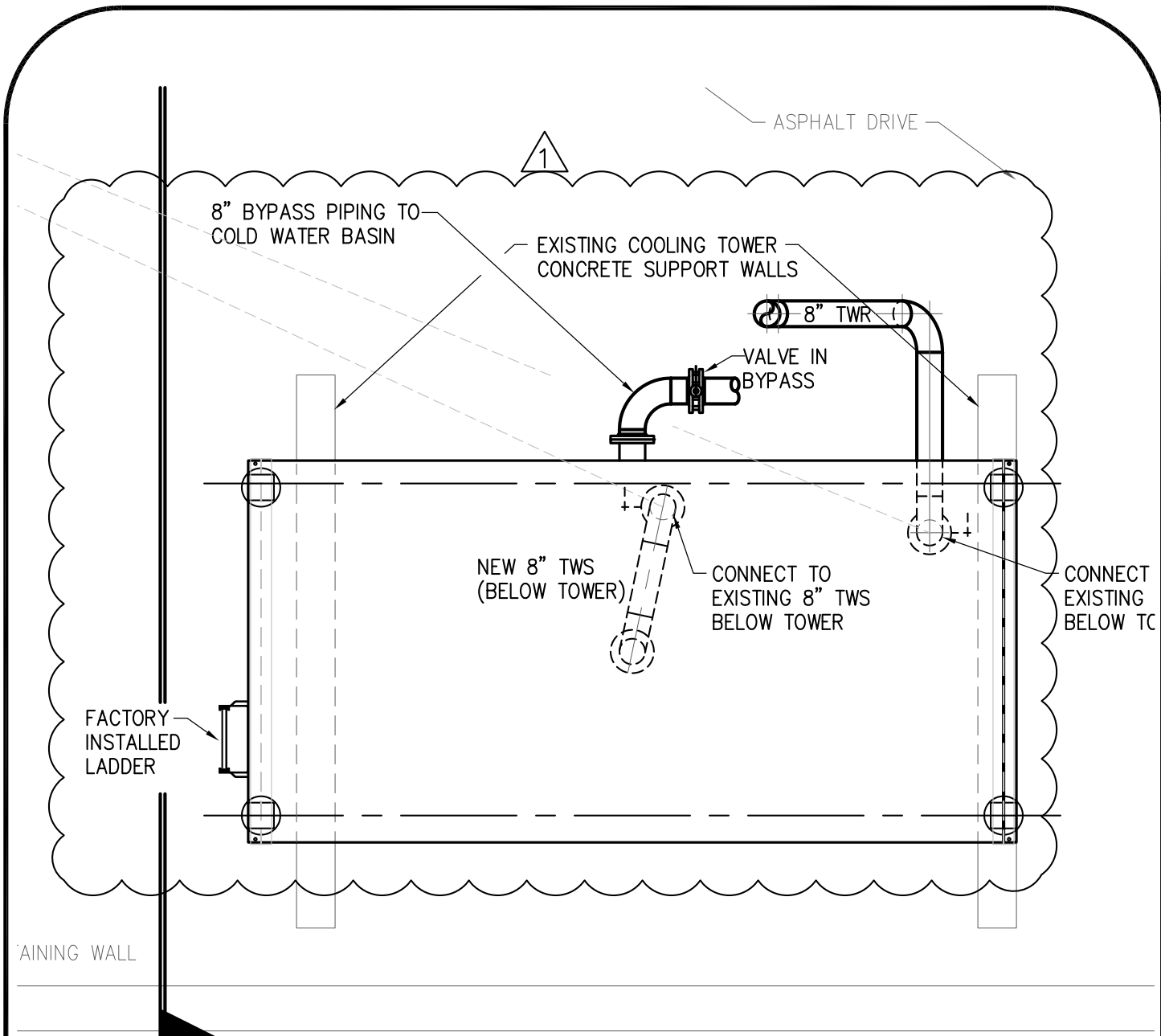
ALL PIPING OUTSIDE AND AT TOWER TO BE ELECTRIC HEAT TRACED



HODGE CENTER
 COOLING TOWER REPLACEMENT
 PROJECT #H34-9544
 ADDENDUM #1

By: JCP
 Date: 11/16/16
 Chkd: JCP
 Job: P.E.#160704

SHEET NO. 1 OF 4

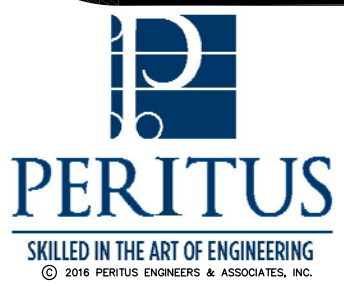


HVAC PIPING PARTIAL NEW WORK PLAN – LOWER LEVEL

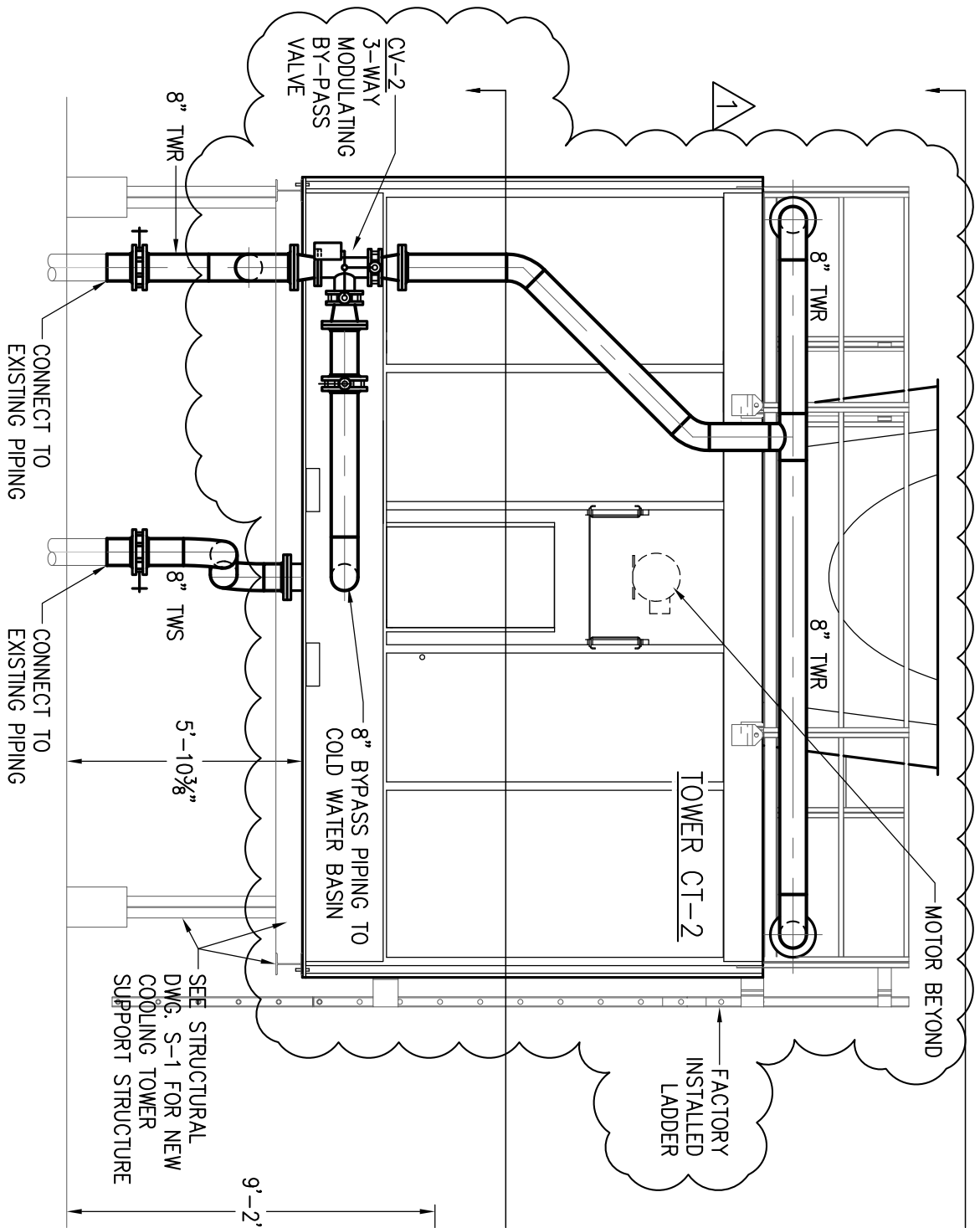
SCALE: 1/4" = 1'-0"

ALL NEW WORK SHOWN IN **BOLD**

ALL PIPING OUTSIDE AND AT TOWER TO BE ELECTRIC HEAT TRACED



HODGE CENTER	By: JCP	SHEET NO.
COOLING TOWER REPLACEMENT	Date: 11/16/16	2
PROJECT #H34-9544	Chkd: JCP	OF
ADDENDUM #1	Job: P.E.#160704	4
■ P.O. BOX 16598 ■ GREENVILLE, SOUTH CAROLINA 29606		



2 COOLING TOWER PIPING ELEVATION

MP-1

SCALE: 1/4" = 1'-0"

3
MP-1

COOLING TOWER PIPING ELEVATION

SCALE: 1/4" = 1'-0"

