



ADDENDUM NO. 1
TO THE CONTRACT DOCUMENTS
for the construction of

Date: August 14, 2014
Project No.: 486753

CHEMICAL SYSTEMS AND ACTUATOR IMPROVEMENTS BID # 913
FAYETTE COUNTY WATER SYSTEM
FAYETTE COUNTY, GEORGIA

To All Planholders and/or Prospective Bidders:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of Chemical Systems and Actuator Improvements Bid # 913 dated August 2014 as fully and completely as if the same were fully set forth therein:

CLARIFICATIONS

Fire protection system as referenced in Section 13 34 23, Fabricated Structures and Drawings G-07, 10-SME-02, and 10-SME-03 is required for high-hazard group H-3 occupancy as per the International Building Code (IBC). The fire protection system will not be provided per Fayette County fire marshall code variance allowance. Exclude all components related to fire suppression system.

An alternate building type of fiberglass construction may be considered and evaluated by the Contractor for the sodium permanganate storage and feed facility. Excluding the building shell, all system components including electrical, HVAC, plumbing, and instrumentation as described in Section 13 34 23, Fabricated Structures remain the responsibility of the building system manufacturer. Building system for fiberglass alternative must be the product of Tracom, Inc. or Engineered Approved Equal. Receptacles, interior lights, exit light, exterior light, power panel LP, conduit and wire to building loads are to be provided by the building system manufacturer and must be coordinated by the Contractor to ensure a complete and integrated system. Any modifications to electrical details due to a change in the building shell type such as panel supports, building and wall penetrations, and conduit supports are the responsibility of the Contractor. The concrete slab and foundation required to accommodate a fiberglass building is shown in the attached Drawings 10-S-05 and 10-S-06. Equipment clearances (around and between tanks, pumps, controls, and plumbing fixtures) must be equal or greater to those as shown in 10-SME-02 and 10-SME-03. Modifications to mechanical details due to a change in the building shell type such as pipe supports, building wall/roof penetrations, panel mounting, and pump supports are the responsibility of the

Contractor and must be coordinated with the alternate building manufacturer to ensure compatibility. Contractor may propose a deductive alternate for an acceptable fiberglass building alternative by entering in a proposed bid price deduction on the revised bid form for using fiberglass in place of steel.

PART 1, PROCUREMENT REQUIREMENTS

1. Section 00 21 13, Instructions to Bidders

Page 7, Article 13.2 DELETE the last sentence and REPLACE with the following:

“...A Bid price shall be indicated for each Bid item, unit price item, and alternate listed therein or the words “No Bid,” “No Change,” or “Not Applicable” entered.”

Page 8, Article 14.1.1 DELETE in its entirety and REPLACE with the following:

“14.1.1 Bidders shall submit a Bid on a lump sum basis for the base Bid and include a separate price for each alternate described in the Bidding Documents as provided for in the Bid Form. The price for each alternate will be the amount added to or deleted from the base Bid if Owner selects the alternate. In the comparison of Bids, alternates will be applied in the same order as listed in the Bid Form.”

Page 8, ADD the following after Article 14.3.1.2:

“14.4 Alternates:

14.4.1. Alternates requiring pricing in the Bid Form are described in Section 01 11 00, Summary of Work, and in the Bid Form.

14.4.2. Indicate in Bid Form the amount to be added or subtracted from the base Bid for alternates described.

14.4.3. Include cost of all related work, including modifying surrounding work to integrate the Work of each alternate.

14.4.4. Alternates listed on Bid Form will be reviewed and accepted or rejected at Owner's option. Accepted alternates will be identified in the Agreement.”

2. Section 00 41 13 Bid Form

DELETE in its entirety and REPLACE with the attached.

PART 2—CONTRACTING REQUIREMENTS**1. Section 00 52 13, Agreement**

Page 2, ADD the following after Article 5.2.1 and renumber the subsequent Article:

“5.2.1.1. The above lump sum amount reflects Owner's adoption of the following alternates:

5.2.1.1.1 Sodium Permanganate Fiberglass Building.”

PART 3—SPECIFICATIONS**1. Section 01 11 00, Summary of Work**

Page 1, ADD the following after Article 1.01.A:

“B. Alternates:

1. Only those alternates that were selected by the Owner, as evidenced in the Agreement, are made a part of this Contract.
2. Alternates that were Bid were as described below:
 - a. Deductive Alternate No. 1 - Sodium Permanganate Fiberglass Building. An alternate building type of fiberglass construction may be considered and evaluated by the Contractor for the sodium permanganate storage and feed facility. Excluding the building shell, all system components including electrical, HVAC, plumbing, and instrumentation as described in Section 13 34 23, Fabricated Structures remain the responsibility of the building system manufacturer. Building system for fiberglass alternative must be the product of Tracom, Inc. or Engineered Approved Equal. Receptacles, interior lights, exit light, exterior light, power panel LP, conduit and wire to building loads are to be provided by the building system manufacturer and must be coordinated by the Contractor to ensure a complete and integrated system. Any modifications to electrical details due to a change in the building shell type such as panel supports, building and wall penetrations, and conduit supports are the responsibility of the Contractor. The concrete slab and foundation required to accommodate a fiberglass building is shown in the attached Drawings 10-S-05 and 10-S-06. Equipment clearances

(around and between tanks, pumps, controls, and plumbing fixtures) must be equal or greater to those as shown in 10-SME-02 and 10-SME-03. Modifications to mechanical details due to a change in the building shell type such as pipe supports, building wall/roof penetrations, panel mounting, and pump supports are the responsibility of the Contractor and must be coordinated with the alternate building manufacturer to ensure compatibility. Contractor may propose a deductive alternate for an acceptable fiberglass building alternative by entering in a proposed bid price deduction on the revised bid form for using fiberglass in place of steel.”

DRAWINGS

1. Supplement Drawing 10-S-05; DELETE in their entirety and REPLACE with the attached.
2. Supplement Drawing 10-S-06; DELETE in their entirety and REPLACE with the attached.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 in the Bid Form or by submitting the Addendum with the bid package. Bid Forms submitted without acknowledgment or without this Addendum will be considered in nonconformance.

CH2M HILL

Project Manager

Stuart Blakely Jeffcoat, P.E.

Appended hereto and part of Addendum No. 1:
Section 00 41 13 Bid Form, attached.
Supplement Drawing 10-S-05, attached.
Supplement Drawing 10-S-06, attached.

END OF ADDENDUM

3.1.2. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

3.1.3. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

3.1.4. Bidder has carefully studied: i) reports of explorations and tests of subsurface conditions at or contiguous to the Site and Drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) which have been identified in Paragraph 4.02 of the Supplementary Conditions as containing reliable “technical data;” and ii) reports and Drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in Paragraph 4.06 of the Supplementary Conditions as containing reliable “technical data.”

3.1.5. Bidder has considered the information known to Bidder; information commonly known to Contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and Drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder’s safety precautions and programs.

3.1.6. Based on information and observations referred to in paragraph above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) Bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.

3.1.7. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

3.1.8. Bidder has given Engineer written notice of conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.

3.1.9. The Bidding Documents are generally sufficient to indicate and convey understanding of terms and conditions for the performance of the Work for which this Bid is submitted.

4. BIDDER'S CERTIFICATION

4.1. Bidder certifies:

4.1.1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization or corporation;

4.1.2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

4.1.3. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

4.1.4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this paragraph:

4.1.4.1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;

4.1.4.2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish Bid prices at artificial noncompetitive levels, or (c) to deprive Owner of the benefits of free and open competition;

4.1.4.3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, noncompetitive levels; and

4.1.4.4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

4.1.5. Required sales and use taxes are included in the stated Bid prices for the Work unless provision is made herein for the Bidder to separately itemize the estimated amount of sales tax or if Instructions to Bidders state Owner is tax exempt.

5. OWNER PRESELECTED EQUIPMENT

5.1. Owner has preselected and has pre-negotiated the cost of the materials or equipment items shown in the table. The scope of equipment and services to be provided by each supplier is provided in the Specifications. The Bidder agrees that payment for the scope of equipment and services by each supplier as shown in the Specifications is included in the Lump Sum Work.

Specification Section No.	Preselected Equipment Name and Manufacturer	Negotiated Price
43 40 10	Lime Slurry Chemical Storage and Feed System	\$507,850.00

6. PICS SUPPLIERS

6.1. Bidder shall use one of the Listed PICS supplier below, for the Process Instrumentation Control Systems (PICS) specified in Section 40 90 01, Instrumentation and Control for Process Systems. Bidder shall circle the name of the PICS Supplier. In the event that the Bidder fails to circle one of the named PICS Suppliers, the first named PICS supplier shall be used for the Project. Owner specifying the Supplier does not exempt Contractor or Supplier from meeting the requirements of the Contract Documents; nor does it give prior approval of subsystems, equipment, materials, or services.

Listed PICS Suppliers	
M/R Systems	Norcross, GA
Revere Control Systems	Birmingham, AL
J.K. Duren Company	Roswell, GA
Kapsch (Transdyn Controls)	Duluth, GA

7. BASIS OF BIDS

7.1. Bidder shall complete the Work in accordance with the Contract Documents for the following price(s):

7.2. Lump Sum Bid Price: \$_____

7.3. Unit Price Bid Schedule:

7.3.1. Unit prices have been computed in accordance with Paragraph 11.03.C of the General Conditions.

7.3.2. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Unit Price Bid Schedule					
Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Extended Bid Unit Price
1.	Removal of Unsuitable Materials and Replacement with Compacted Granular Fill	100	cu yd	\$	\$
Total of Extended Bid Unit Prices					\$

7.4. Base Bid Summary:

7.4.1. Lump Sum Bid Price: \$ _____

7.4.2. Total Extended Unit Bid Prices: \$ _____

7.4.3. Base Bid (Total of Above): \$ _____

7.5. Cash Allowance(s):

7.5.1. Unforeseen Work Elements

Item	Description	Allowance
1.	Unforeseen Work Elements	\$20,000.00
Total Amount For Allowances		\$20,000.00

7.5.2. Materials Testing Laboratory

Item	Description	Allowance
1.	Materials Testing Laboratory	\$10,000.00
Total Amount For Allowances		\$10,000.00

7.5.3. Cash allowances are included in the price(s) set forth above, and have been computed in accordance with Paragraph 11.02.B of the General Conditions.

7.6. Alternate No. 1 Deduct Sodium Permanganate Fiberglass Building: \$ _____
Includes all labor, materials, tools, testing, and incidentals necessary to perform the work specified in specification 01 11 00, Summary of Work. The price shall be the amount deducted from the Contract Price if the Owner elects to select Deductive Alternate No. 1. However, the Owner has the right to not implement any Deductive Alternates if he so chooses.

8. TIME OF COMPLETION

8.1. Bidder agrees the Work will be substantially complete within 335 calendar days after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within 365 calendar days after the date when the Contract Times commence to run.

8.2. Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work, and any specified Milestones, within the Contract Times.

9. ATTACHMENTS TO THIS BID

9.1. The following documents are submitted with and made a condition of this Bid:

- 9.1.1. Required Bid security in the form of Bid bond.
- 9.1.2. Bidder's Experience.
- 9.1.3. Bidder's Qualification.
- 9.1.4. List of Project References.
- 9.1.5. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids.
- 9.1.6. Contractor's License No.
- 9.1.7. Noncollusion Affidavit.

10. DEFINED TERMS

10.1. The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

11. BID SUBMITTAL

11.1. This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By (signature): _____

Doing business as: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): ____

By: _____
(Signature – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____ (CORPORATE SEAL)

Attest: _____
(Signature of Corporate Secretary)

Date of Qualification to do business in *(state where Project is located)*
is: _____.

A Joint Venture

Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

Bidder's Business Address: _____

Phone No.: _____ FAX No.: _____

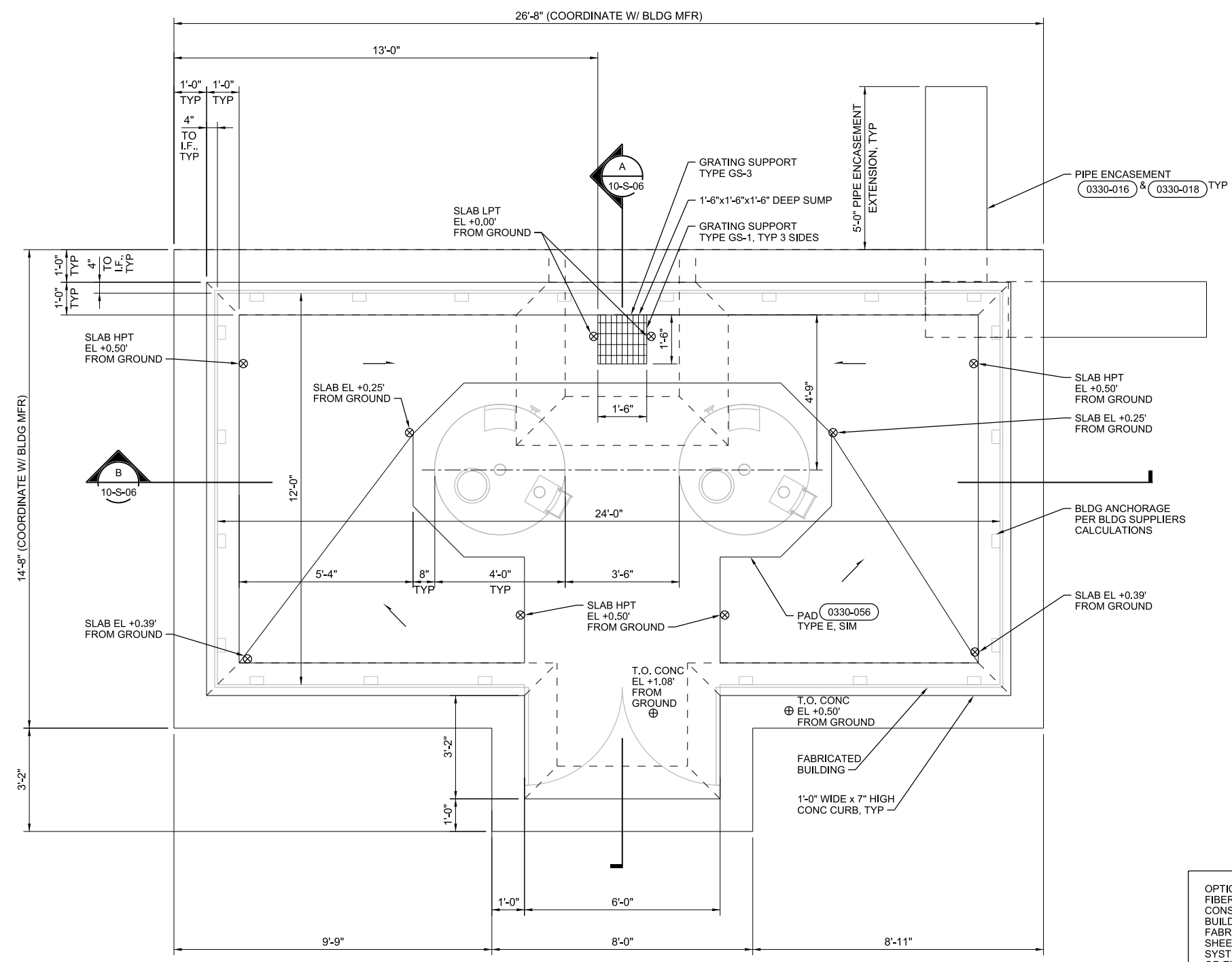
E-mail: _____

SUBMITTED on _____, 20_____

Georgia Contractor's License No.: _____

Contractor's License Class (where applicable): _____

END OF SECTION

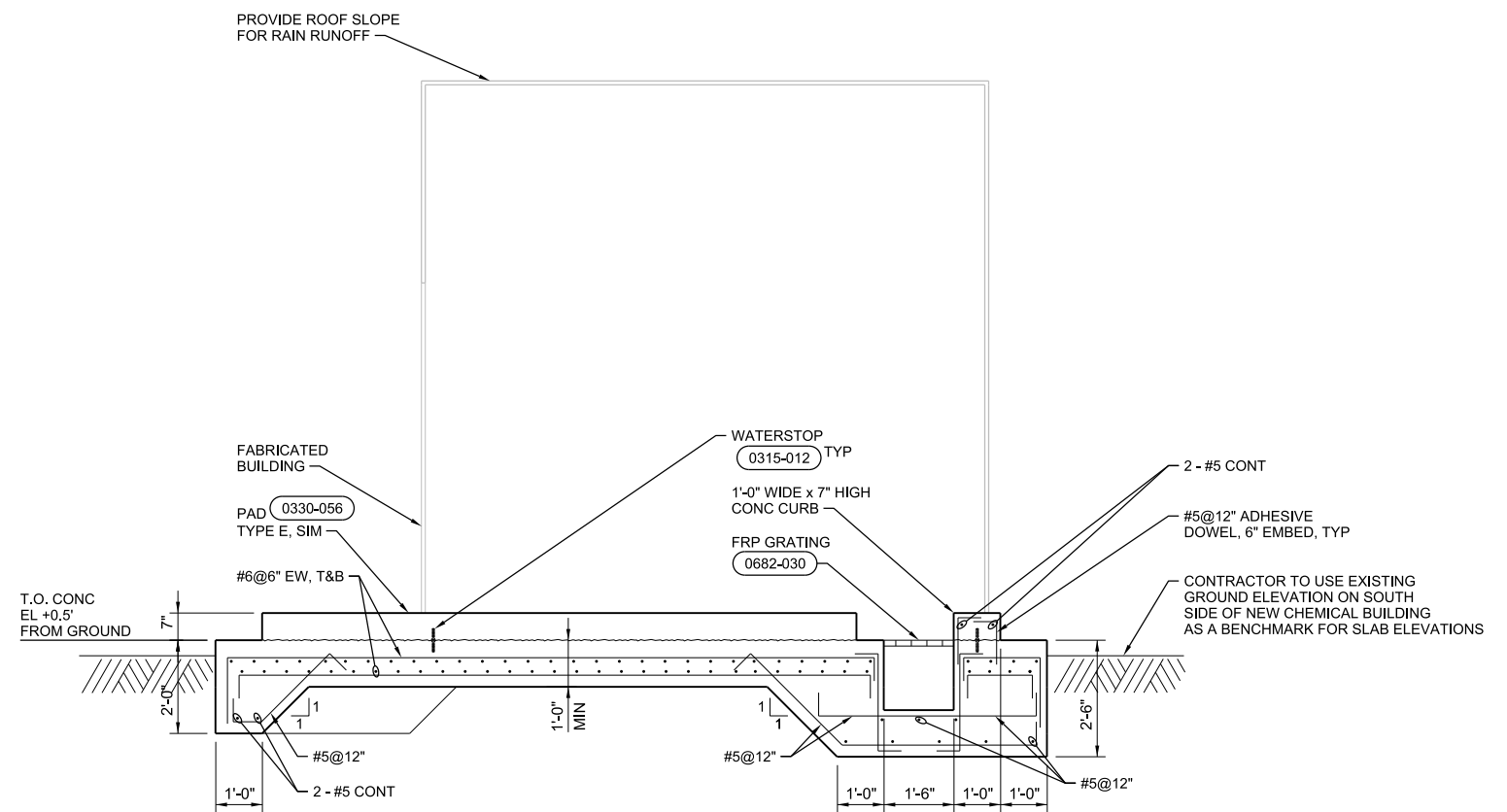


- NOTES:**
- CONTRACTOR TO USE EXISTING GROUND ELEVATION ON SOUTHSIDE OF NEW CHEMICAL BUILDING AS A BENCHMARK FOR SLAB ELEVATIONS.
 - PROVIDE FREE-STANDING SUPPORTS FOR CONTROL PANEL, PUMPS, AND PIPING. SUBMIT CALCULATIONS IN ACCORDANCE WITH SPECIFICATION 01 88 15 "ANCHORAGE AND BRACING".
 - REFER TO DRAWINGS 10-SME-02 AND 10-SME-03 FOR INFORMATION NOT SHOWN.

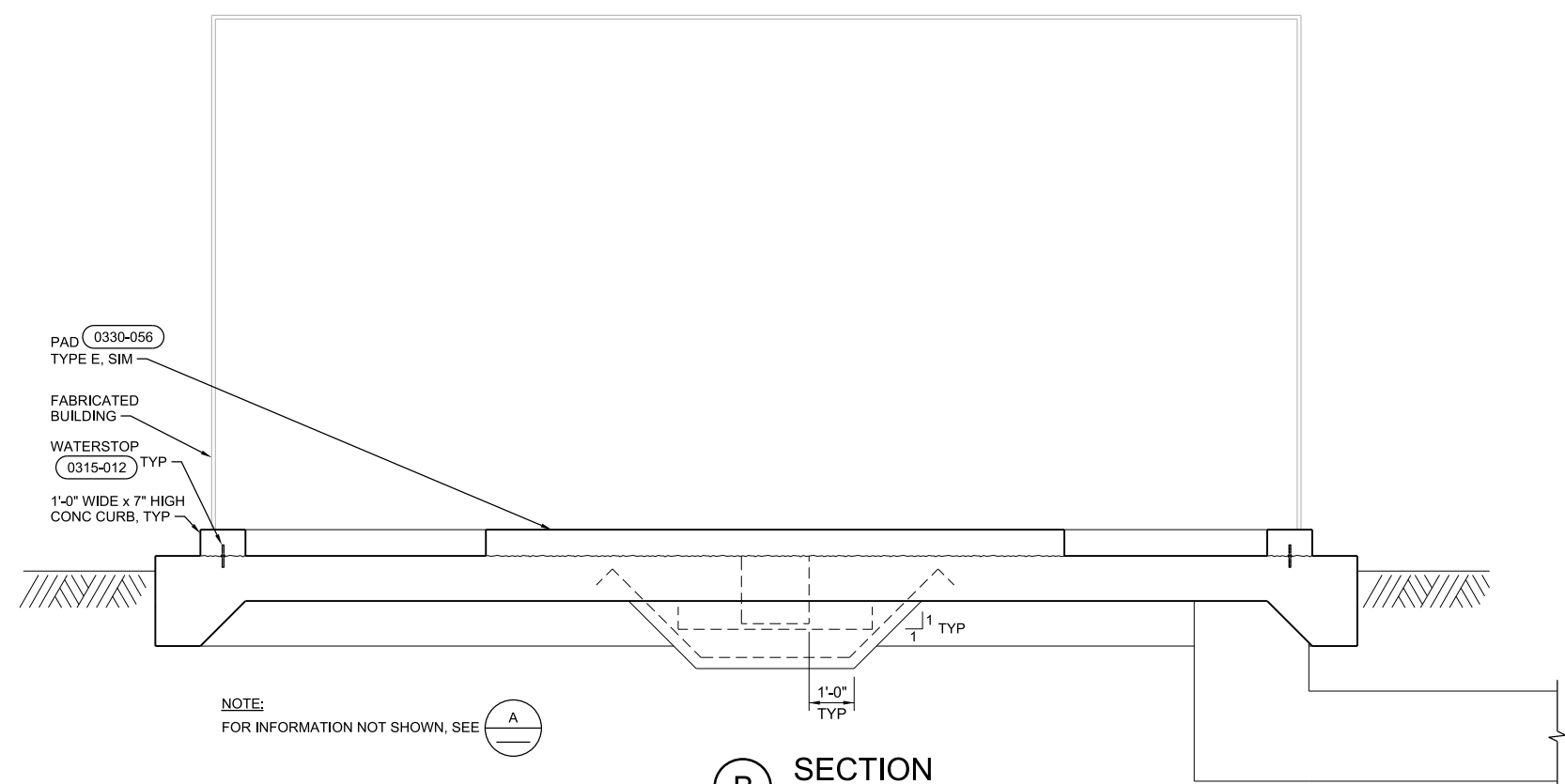
OPTION B IS AN ALTERNATE BUILDING TYPE OF FIBERGLASS CONSTRUCTION THAT SHALL BE CONSIDERED FOR THE FACILITY IN PLACE OF THE BUILDING SYSTEM DESCRIBED IN 13 34 23 FABRICATED STRUCTURES AND SHOWN ON SHEETS 10-SME-02 AND 10-SME-03. THE BUILDING SYSTEM MUST BE THE PRODUCT OF TRACOM, INC OR ENGINEERED APPROVED EQUAL. EQUIPMENT CLEARANCES (AROUND AND BETWEEN TANKS, PUMPS, CONTROLS, AND PLUMBING FIXTURES) MUST BE EQUAL OR GREATER TO THOSE AS SHOWN IN 10-SME-02 AND 10-SME-03. CHANGES TO MECHANICAL DETAILS SUCH AS PIPE SUPPORTS, BUILDING WALL/ROOF PENETRATIONS, PANEL MOUNTING, AND PUMP SUPPORTS AND ANCHORAGE AND BRACING OF THE COMPONENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE COORDINATED WITH THE ALTERNATE BUILDING MANUFACTURER TO ENSURE COMPATIBILITY.

PLAN
1/2"=1'-0"

FOR BID ONLY		K YANOSSEK	
BY	APVD	BY	APVD
REVISION	CHK	REVISION	CHK
D	R JOCHIMSEN	D	D PREISLER
DR	R FORREST	DR	R FORREST
NO.	DATE	NO.	DATE
DSGN		DSGN	
6600 PEACHTREE DUNWOODY ROAD 400 EMBASSY ROW, SUITE 600 ATLANTA, GA, 30328 PH: 770-604-9095		CHEMICAL SYSTEMS AND ACTUATOR IMPROVEMENTS FAYETTE COUNTY WATER SYSTEM FAYETTE COUNTY, GEORGIA	
CH2MHILL		STRUCTURAL CROSSTOWN WTP SODIUM PERMANGANATE FACILITY OPTION B - PLAN	
VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING.			
DATE	AUGUST 2014		
PROJ	486753		
DWG	10-S-05		
SHEET	of		



(A) SECTION
1/2"=1'-0"
10-SME-02



NOTE:
FOR INFORMATION NOT SHOWN, SEE (A)

(B) SECTION
1/2"=1'-0"
10-SME-02

FOR BID ONLY											
				BY	APVD						K YANOSEK
					APVD						
				REVISION	CHK						D PREISLER
											R JOCHIMSEN
				NO.	DATE						R FORREST
				DSGN							
6600 PEACHTREE DUNWOODY ROAD 400 EMBASSY ROW, SUITE 600 ATLANTA, GA, 30328 PH: 770-604-9095			CHEMICAL SYSTEMS AND ACTUATOR IMPROVEMENTS FAYETTE COUNTY WATER SYSTEM FAYETTE COUNTY, GEORGIA			REVISION OF DOCUMENTS: THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF CH2MHILL AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CH2MHILL.					
CH2MHILL®			STRUCTURAL CROSTOWN WTP SODIUM PERMANGANATE FACILITY OPTION B - SECTIONS								
VERIFY SCALE											
BAR IS ONE INCH ON ORIGINAL DRAWING.											
0 1" 1"											
DATE	AUGUST 2014										
PROJ	486753										
DWG	10-S-06										
SHEET	of										