



MANATEE COUNTY

December 21, 2010

All Interested Bidders:

SUBJECT: Invitation for Bid #10-3586-OV
Southwest Water Reclamation Facility (SWWRF) Improvements
To the Reclaimed Water Automation **AND** Southeast Water
Reclamation Facility (SEWRF) Improvements to the Reclaimed
Water Automation and VFD Replacement

ADDENDUM #3

Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

Bidders Note: The deadline for clarification requests is has been extended to **January 7, 2011 at 5:00 PM.** Questions received after the date shall not be considered.

Attachment #1 – McKim & Creed Engineering Memorandum dated December 17, 2010 responding to questions received at the Pre-Bid / Information Conference held on November 19, 2010 and contractor's questions received via email through December 10, 2010. (8 Total Pages)

Financial Management Department – Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
Phone: 941-708-7527 – Fax: 941-708-7544
www.mymanatee.org

LARRY BUSTLE * MICHAEL GALLEN * JOHN R. CHAPPIE * ROBIN DISABATINO * DONNA G. HAYES * CAROL WHITMORE * JOE McCLASH
District 1 District 2 District 3 District 4 District 5 District 6 District 7

December 21, 2010
Invitation for Bid #10-3586-OV
Southwest Water Reclamation Facility (SWWRF) Improvements to the Reclaimed Water Automation
And
Southeast Water Reclamation Facility (SEWRF) Improvements to the Reclaimed Water Automation
And VFD Replacement
Page 2 / Addendum # 3

Bidders Note: Prevailing Minimum Wage – Davis-Bacon Act

This project is funded through the Recovery Zone Economic Development Bonds Act (RZEDBs) and therefore subject to the Prevailing Minimum Wage – Davis-Bacon Act. For this contract, payment of predetermined minimum wages applies. The U.S. Department of Labor Wage Rates applicable to this Contract is listed in Wage Decision Number(s) **FL100323 10/08/2010 FL 123** **Construction Type: Building; Manatee County Florida**, as modified up through ten (10) days prior to the opening of bids. A copy of the Wage Decision Number (s) FL 100323 is attached.
(5 Total Pages)

Bidders Note: Bid Opening date has been revised from December 21, 2010 at 2:00 PM

TO:

January 26, 2011 at 2:00 PM

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

END OF ADDENDUM #2

Bids will be received at the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205** until **2:00 P.M. on January 26, 2011.**

Sincerely,



R. C. "Rob" Cuthbert, C.P.M, CPPO
Purchasing Division Manager

Ov/ Attachments (13 Total Pages)

**Manatee County
SEWRF Reclaimed Water Automation Project And VFD Replacement (#6013792)
SWWRF Reclaimed Water Automation (#6016392)**

Addendum No. 3**December 17, 2010**

The following items represent clarifications, additions, deletions, and/or modifications to the Contract Documents for the above reference project. This Addendum shall hereafter be regarded as part of the Contract Documents. Items not referenced herein remain unchanged. Receipt of this Addendum shall be acknowledged below and on the Bid Form.

In addition to clarification to written requests for information, these items replace original items previously issued or are to be added to the Bidding and Construction Documents as indicated.

PART I – PERTAINING TO SEWRF RECLAIMED WATER AUTOMATION DRAWINGS

1. Drawing M-3, delete this sheet and replace it with the attached drawing M-3, Revision 1.

PART II – PERTAINING TO THE SPECIFICATIONS

1. Section 13300 INSTRUMENTATION AND CONTROLS, GENERAL REQUIREMENTS (1.07)(D), add the following: 4. Commerce Controls: 6025 Taylor Road, Punta Gorda, Florida 33777, 941-347-4483; www.commercecontrols.com

PART III – CLARIFICATIONS TO BIDDER QUESTIONS

1. **Question:** Please provide material details of Rip Rap at the north pond in SWWRF.
Response: See Figure 1 attached for illustration. Materials shall be sand-cement rip rap with a 4" minimum depth. The rip rap shall be turned down along all edges with a minimum thickness of 12" and a minimum depth of 24".
2. **Question:** Please advise where the Mirafi pad detail in DWG M-3 (SE) and M-2 (SW) applies as all drawings show pads instead of 57 stone and wood frames.
Response: Marifi Pad Detail to be utilized for all new pads at Southwest WRF and all new pads at Southeast WRF with the exception of the reject pond pad extension.
3. **Question:** Exterior conduit runs (for restoration) SWWRF?
Response: The size of all electrical conduit runs is defined in the Contract Documents. Electrical conduit runs of significant length (50 ft or greater) are also defined in the Contract Documents.
4. **Question:** SEWRF reject pond detail on M-2 notes Contractor to preserve liner, yet the picture shows new lines. Please clarify if new liner is required and is so, the type and material of the liner.

Response: Inside of reject pond is HDPE lined. Contractor is performing work on exterior of pond only; however the Contractor must take care not to disturb the existing liner on the inside of the pond during the work. Dark lines on exterior of pond illustrate new grading.

5. **Question:** On SEWRF Dwg M-3, Note 1, for MARS meter replacement refers to existing vault to be removed. Provide size or details for this vault and piping within.
Response: See Figure 2 (Construction Drawing C-28) attached for details of MARS metering vault. The figure is not to scale; however, all relevant sizes and dimensions are called out on the drawing.
6. **Question:** Please provide scaled drawing or linear footage of fence to be removed and installed at the MARS meter. (Dwg M-3 is not to scale).
Response: The scale for the MARS Meter Replacement Detail has been adjusted and noted on the revised drawing M-3. See Part I of this addendum for response.
7. **Question:** In insurance requirements, Owner's Protective Liability Coverage is requested. This is a stand alone single purchase policy. The Owner will receive better coverage by being an additional insured on the General Contractor's policy. Please confirm this coverage is required.
Response: Provide insurance in accordance with the Contract Documents, Section 00030, Article 14, Pages 00030-5 and 6. "Contractor shall name Manatee County as additional insured in each applicable policy."
8. **Question:** Is flood and windstorm coverage required?
Response: Provide insurance in accordance with the Contract Documents.
9. **Comment:** SEWRF-Plan M-3 upper left, new 16" meter assembly, is the underground valve new or existing?
Response: The underground valve shown in the plan view for the New 16" Meter Assembly detail has been removed. See Part I of this addendum for response.
10. **Question:** SEWRF-Plan M-3 middle of page, new 16" meter assembly with back pressure sustaining valve, is the underground valve new or existing?
Response: The underground valve shown in the plan view for the New 16" Meter Assembly With Back Pressure Sustaining Valve detail has been removed. See Part I of this addendum for response.
11. **Question:** Plan sheet G-3 of SWWRF plans calls out for a 24" tap on an existing 24" RCW line, while Manatee County spec UW-4 note 2 states that taps shall be of smaller size. Please clarify if you are looking to for a same size tap or if we will need to cut in a tee.
Response: A 24" Tee with a 24" BFV shall be cut in place in lieu of the tapping valve and sleeve called out.
12. **Question:** The IFB for Project No. 6016392 and Project No. 6013792 calls out Revere, Curry Controls and Rocha Controls as approved CSI's. Are these the only integrators? And/or what is required to be included as a CSI?
Response: After review of Commerce Controls qualifications submittal, Commerce Controls has been added to the specifications. Please see Part II of this addendum. We have reviewed the project specifications and find that they

do provide for a reasonable level of competition as written. No other integrators will be considered for this project.

- 13. Question:** Please define areas of required sheeting for this project as reflected in the Manatee County standard trench details presented in Contract Documents.
Response: Given the nature of the Work, the need for sheeting is not anticipated. However, if the Contractor deems it necessary to install sheeting during execution of the work, the installation shall conform to the requirements outlined in the Contract Documents.
- 14. Question:** Please clarify the bypass pumping requirements of general note #9 on Sheet G-1.
Response: Given the nature of the Work, the need for bypass pumping is not anticipated. However, the continual operation of the facility must be maintained during the execution of the work and the Contractor will be responsible for bypass pumping should the need arise due to his construction activities.
- 15. Question:** Plans and specifications call for both concrete encased ductbanks and direct burial duct banks. Please explain which is required or if certain runs or areas differ.
Response: See below.

SWWRF 1024-128

Drawing E3: Below Grade (Underground) conduit shown on this sheet shall be concrete encased SCH. 40 PVC per Note 4 on this drawing.

Drawing E4: Below Grade (Underground) conduit shown on this sheet shall be direct buried SCH. 80 PVC per Note 4 on this drawing.

SEWRF 1024-0129

Drawing E2: Below Grade (Underground) conduit shown on this sheet shall be concrete encased SCH. 40 PVC per Note 4 on this drawing.

Drawing E3: Below Grade (Underground) conduit shown on this sheet shall be direct buried SCH. 80 PVC per Note 4 on this drawing.

Drawing E4: Below Grade (Underground) conduit shown on this sheet shall be direct buried SCH. 80 PVC per Note 4 on this drawing.

Drawing E5: Below Grade (Underground) conduit shown on this sheet shall be direct buried SCH. 80 PVC per Note 4 on this drawing.

Drawing E6: Below Grade (Underground) conduit shown on this sheet shall be direct buried SCH. 80 PVC per Note 4 on this drawing.

- 16. Question:** Sheet E-4 of SWWRF drawings shows a meter to utility service. Is this a new overhead or underground service or connection to an existing service?
Response: The electrical service shown to BPV-106, FLW-105 on this sheet is a new 120 / 240V electric service with a new meter. Service drop to the equipment

rack shall be underground. The contractor shall run approximately 100 feet of #2 in 2.5 inch conduit from the utility service point to the equipment rack. Coordinate electric meter location with the electric utility.

- 17. Question:** SEWRF - E-1 General Note 15 says - All conduit below grade shall be non reinforced concrete duct bank E-8 General Note 7 says - All underground conduits shall be direct buried PVC SCH-80. Please confirm what is required.
Response: See response to Question 15, Part III.
- 18. Question:** SWWRF - E-1 General Note 15 says - All conduit below grade shall be non reinforced concrete duct bank E-6 General Note 7 says - All underground conduits shall be direct buried PVC SCH-80. Please confirm what is required.
Response: See response to Question 15, Part III.
- 19. Question:** Per Spec. Section 15100.2.01.E, it calls the buried BFV EMO above ground operators to be 304 SS. Per Drawing M-2, Motor Operator Installation Detail, it calls for 316 SS. Please confirm which is required.
Response: Please provide 304 SS ground operators.
- 20. Question:** Did not locate specifications on tapping sleeve and valve for Mars Meter Replacement, per Drawing M-3.
Response: See response to Question 1, Part I.
- 21. Question:** From all indications the work is on reclaim lines. Do the drawing notes truly reflect items of work for bypassing, night work, or plant disruption for the planned work? There is no indications on the drawings or the specifications regarding these notes on how or why the contractor needs to include costs for these notes on the drawings, will this information be provided? Considering the contractor has no information as to what these lines' purposes are, their process in the plant scheme, or flows, how is the contractor to account for these notes on the drawings? Specification 01310, 1.02, D. This specification again refers to the contractor being fully responsible for the same items on the drawings, but goes a step further saying the contractor is still responsible for these items even if they are not shown on the drawings or specifications. Considering the contractor has no information what these lines purposes are, their process in the plant scheme, or flows, how is the contractor to account for this specification?
Response: See response to Question 14, Part III.
- 22. Question:** Sheet M-3, 30" meter assembly, the scale is 1/8", this scale is right with the 25' min. on the pipe, but the slab says 67' long, scaled it is 90' long, considering the entire meter assembly, the 90' seems to be correct. This is an issue for two reasons, the size of the slab for obvious reasons, but the correct dimension is needed to for the other detail, Mars Meter Replacement site detail on the same page. Using the correct slab dimension is the only way to estimate the underground pipe and the amount of fencing needed on this detail. Will the correct dimension or scale be provide?
Response: See response to Item 1, Part I.
- 23. Question:** I would like to request that "Yaskawa by ICON Technologies" brand Variable Frequency Drives be added as an equal to specification 16483, section 2.01. We can meet or exceed all the specifications and the size requirements. In

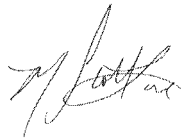
the short haul, adding Yaskawa drives could save the County money by providing competitive competition and higher quality. In the long haul, it would save the County money in initial cost and reduced maintenance. Yaskawa drives have a MTBF of greater than 28 years and are built in the USA. In addition to the technical specifications, we have factory authorized personnel within 100 miles of the County to provide technical support locally or over the phone.

Response: ABB ACS 800 Series Model Number ACS800-CC-0300-5+B055+F267+G390+P902 is the only pre-approved variable frequency drive per the Contract Documents. The County owns and operates many of these drives within their high service pump stations at their water reclamation facilities and is in the process of standardizing on this model to provide uniform performance and maintenance. "Or equal" manufacturers will be approved during shop drawing review.

24. Question: Specification 15102 Pg 1 & 2, Para 1.04.A lists the acceptable manufacturers as Limitorque L120 or approved equal. Manatee County has a number of AUMA units in their system already and we would request that AUMA be added as an approved manufacturer for the motor actuators on these projects.

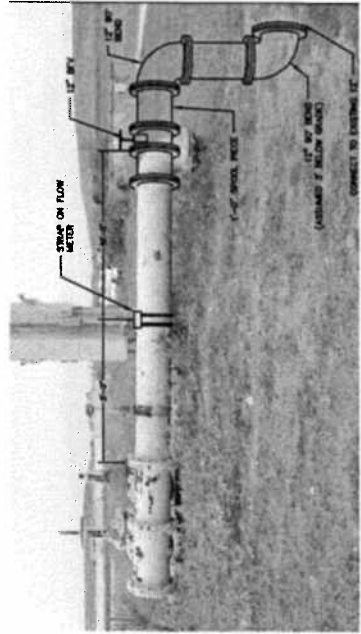
Response: AUMA is not an approved equal.

Sincerely,
McKIM & CREED, P.A.

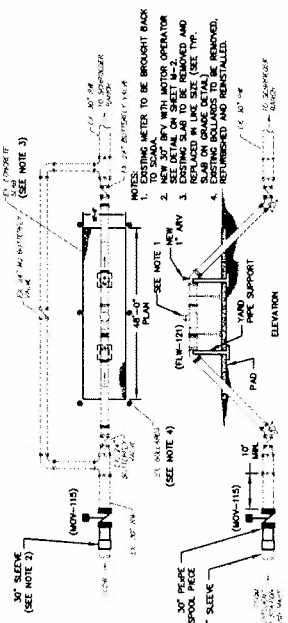


Matthew S. Love, P.E.
Project Manager

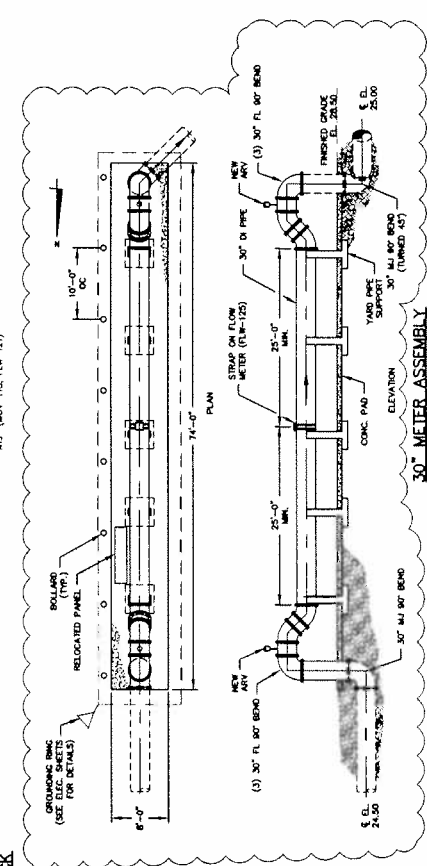
(12-15-10) Revised M-3 Add #3



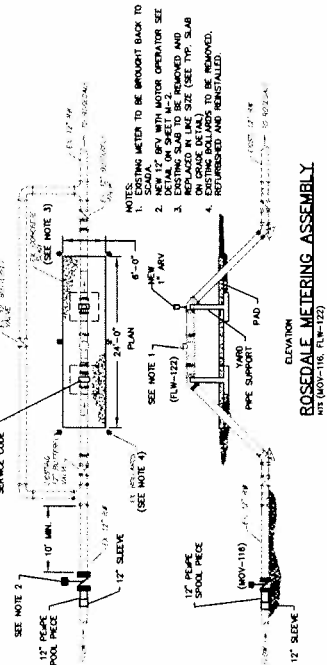
SOUTH LAKE 1 PUMP STATION METER ASSEMBLY DETAIL
 HT (FLM-112)



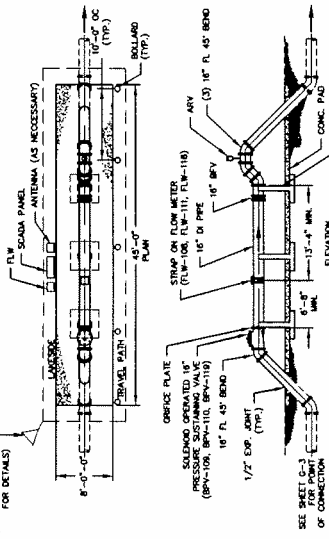
SCHROEDER RANCH METERING ASSEMBLY
 405 (SERV-116, FLM-121)



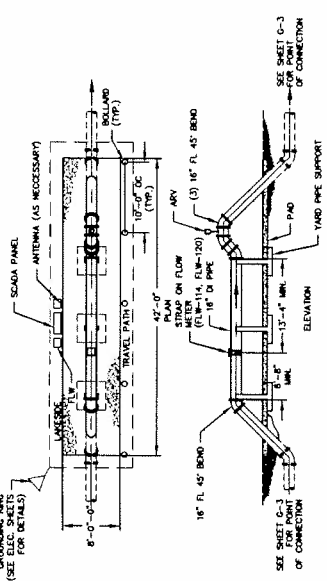
30\"/>



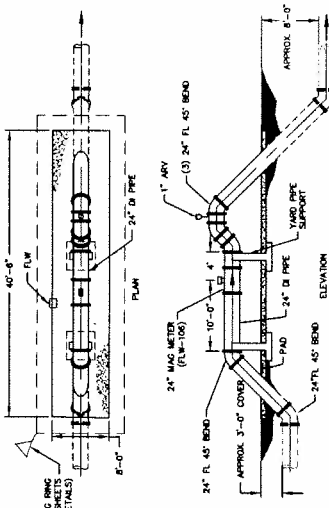
ROSDALE METERING ASSEMBLY
 HT (MOV-116, FLM-122)



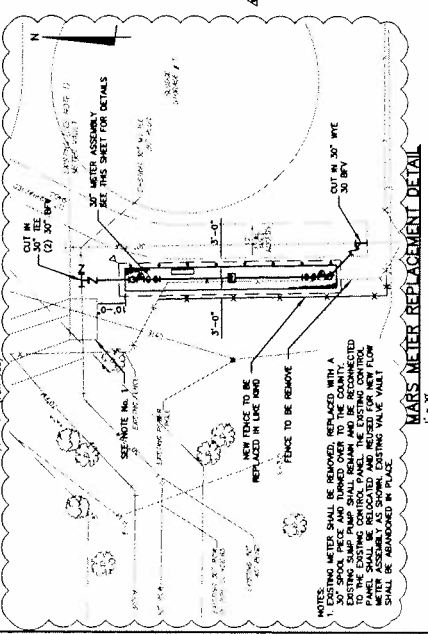
NEW 16\"/>



NEW 16\"/>



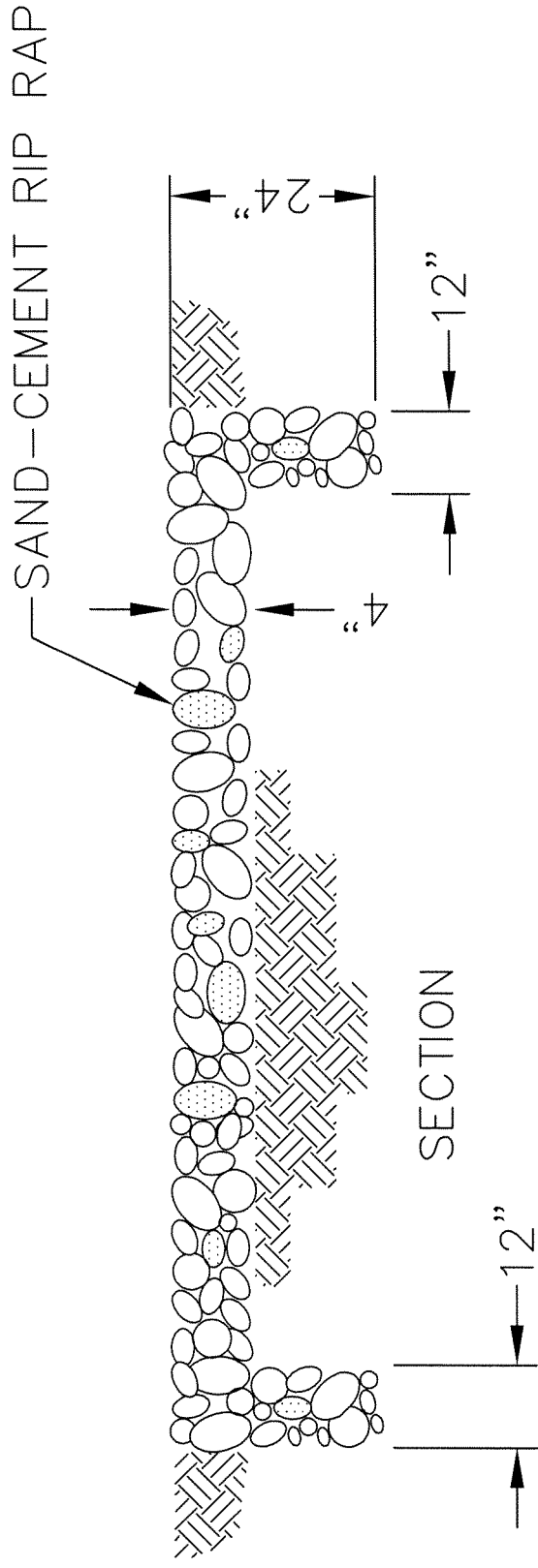
NEW 24\"/>



MARS METER REPLACEMENT DETAIL
 1 - 20

<p>SCALE: MECHANICAL: 1/4" = 1'-0"</p>	
<p>DATE: 12/15/10</p>	<p>ISSUE FOR: M-3</p>
<p>DESIGNED BY: [Name]</p>	<p>ISSUE FOR: M-3</p>
<p>CHECKED BY: [Name]</p>	<p>ISSUE FOR: M-3</p>
<p>MANATEE COUNTY, FLORIDA</p>	<p>SEWRF RECLAIMED WATER AUTOMATION</p>
<p>MANKIN & CREED</p>	<p>MECHANICAL DETAILS 3</p>
<p>1325 Manatee, Florida 33706 Phone: (727)442-7196 Fax: (727)461-8427 www.mankin-creed.com</p>	<p>MANATEE COUNTY, FLORIDA</p>

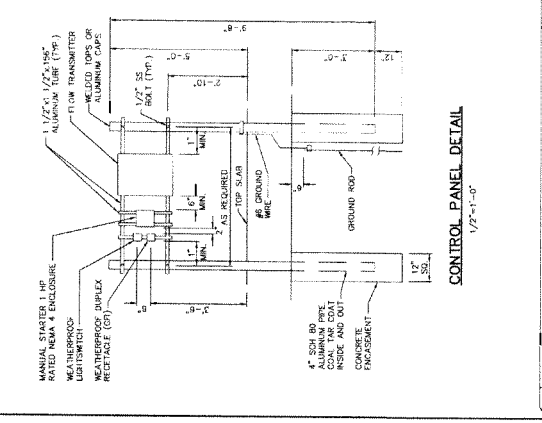
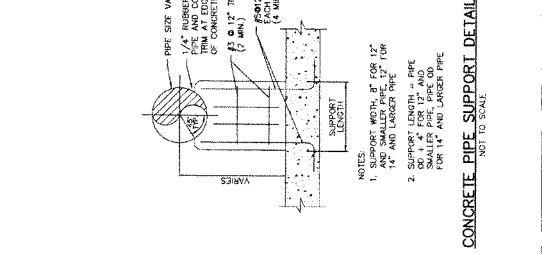
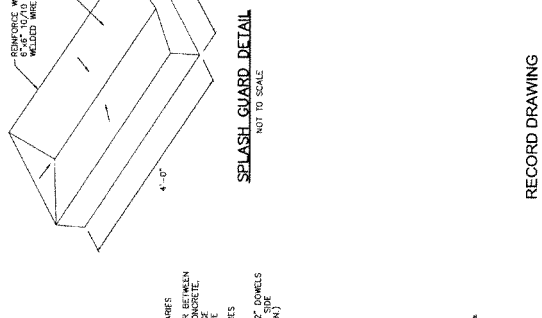
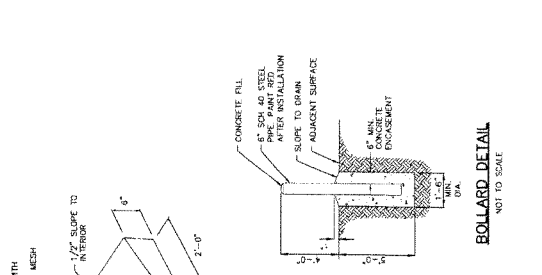
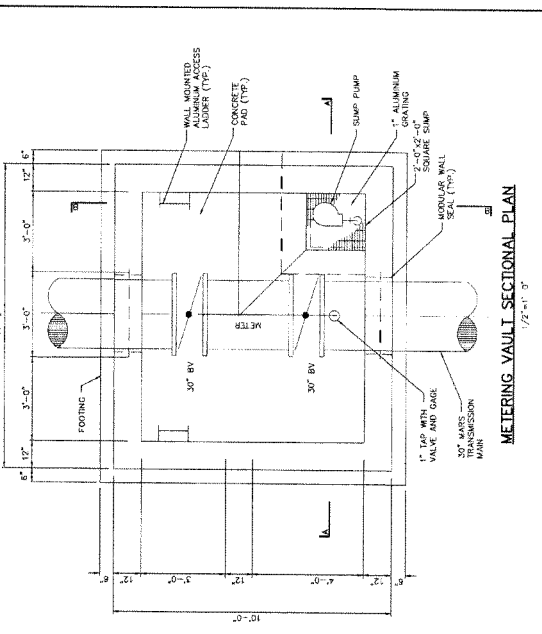
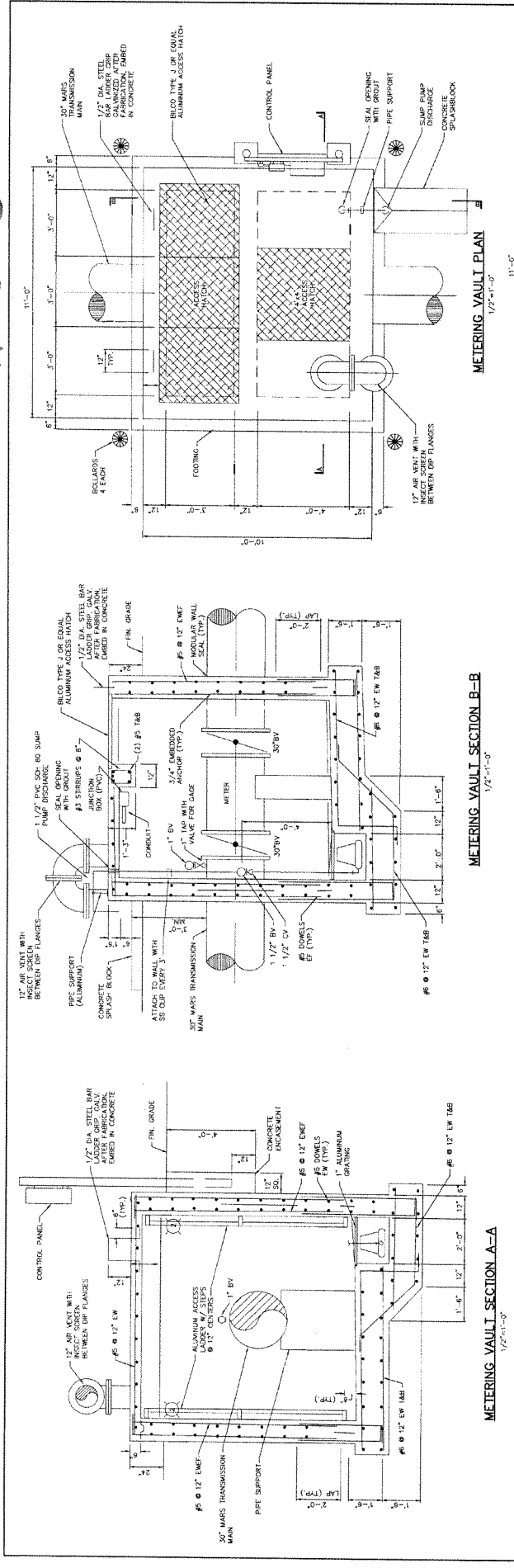
Figure 1
Add # 3



RIP RAP DETAIL

NOT TO SCALE

Figure 2
Add #3



DATE: 11/20/03		SCALE: HORIZONTAL: 1/2" = 1'-0"	DATE PLOTTED: 11/20/03	SCALE: VERTICAL: 1/2" = 1'-0"	DATE PLOTTED: 11/20/03
DRAWN BY: J. B. BROWN		CHECKED BY: J. B. BROWN	PROJECT NO.: 03-0000		
DESIGNED BY: J. B. BROWN		APPROVED BY: J. B. BROWN	SHEET NO.: 1 OF 1		
PROJECT: SOUTHEAST REGIONAL WASTEWATER TREATMENT PLANT EXPANSION		SHEET TITLE: C-2B			
LOCATION: MANATEE COUNTY		DRAWING TYPE: RECORD DRAWING			
PROJECT: AT SOUTH-EAST REGIONAL WASTEWATER TREATMENT PLANT		DRAWING NO.: 03-0000-C-2B			

MANATEE COUNTY, FLORIDA

MCKIM & CREED
601 Chesapeake Street, Suite 205
Clearwater, Florida 34615
Phone: (727) 462-7000 Fax: (727) 461-8877
E-mail: SJK_NTE_@mckimcreed.com

RECORD DRAWING

DATE: 11/20/03

SCALE: HORIZONTAL: 1/2" = 1'-0"

SCALE: VERTICAL: 1/2" = 1'-0"

DATE PLOTTED: 11/20/03

PROJECT NO.: 03-0000

SHEET NO.: 1 OF 1

PROJECT: SOUTHEAST REGIONAL WASTEWATER TREATMENT PLANT EXPANSION

LOCATION: MANATEE COUNTY

PROJECT: AT SOUTH-EAST REGIONAL WASTEWATER TREATMENT PLANT

DRAWING TYPE: RECORD DRAWING

DRAWING NO.: 03-0000-C-2B

General Decision Number: FL100123 10/08/2010 FL123

Superseded General Decision Number: FL20080123

State: Florida

Construction Type: Building

County: Manatee County in Florida.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Modification Number	Publication Date
0	03/12/2010
1	03/26/2010
2	04/02/2010
3	05/21/2010
4	07/23/2010
5	10/08/2010

ELEC0915-002 12/01/2009

	Rates	Fringes
ELECTRICIAN		
All building work other than Industrial Work which includes Telephone, Utility Companies, and Water Treatment Plants and also excludes Educational, Theme Park, Hospital Facilities, and all building work under \$200,000 or less.....	\$ 22.07	34%+\$0.22
Educational, Theme Park, Hospital Facilities, and all building work under \$200,000 or less, excluding Telephone, Utility Companies and Water Treatment plants.....	\$ 19.69	34%+\$0.22

* ENGI0925-003 07/01/2010

	Rates	Fringes
OPERATOR: Crane		
Crawler Cranes; Truck Cranes; Pile Driver Cranes; Rough Terrain Cranes; and Any Crane not otherwise described below...	\$ 27.91	10.59
Hydraulic Cranes Rated 100 Tons or Above but Less Than 250 Tons; and Lattice Boom Cranes Less Than 150 Tons if not described below.	\$ 28.91	10.59

Lattice Boom Cranes Rated
 at 150 Tons or Above;
 Friction Cranes of Any
 Size; Mobile Tower Cranes
 or Luffing Boom Cranes of
 Any Size; Electric Tower
 Cranes; Hydraulic Cranes
 Rated at 250 Tons or
 Above; and Any Crane
 Equipped with 300 Foot or
 More of Any Boom

Combination.....	\$ 29.91	10.59
OPERATOR: Mechanic.....	\$ 27.91	10.59
OPERATOR: Oiler.....	\$ 21.38	10.59
OPERATOR: Boom Truck.....	\$ 27.91	10.59

IRON0397-001 07/01/2010

	Rates	Fringes
IRONWORKER, ORNAMENTAL, REINFORCING AND STRUCTURAL.....	\$ 26.67	11.16

PLUM0123-001 05/01/2010

	Rates	Fringes
PIPEFITTER (HVAC Pipe Installation Only).....	\$ 23.65	10.55

SHEE0015-002 07/01/2009

	Rates	Fringes
SHEETMETAL WORKER (HVAC Duct Installation Only).....	\$ 21.52	12.49

* SUFL2009-020 05/22/2009

	Rates	Fringes
BRICKLAYER.....	\$ 18.95	0.00
CARPENTER, Includes Form Work....	\$ 15.89	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 13.05	1.49
INSULATOR - PIPE & PIPEWRAPPER...	\$ 13.13	3.03
LABORER: Asphalt Shoveler.....	\$ 7.88	0.00
LABORER: Common or General.....	\$ 9.42	0.00
LABORER: Concrete Saw.....	\$ 12.63	0.00
LABORER: Mason Tender - Brick...	\$ 13.00	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 12.83	1.90

LABORER: Pipelayer.....	\$ 12.31	1.19
LABORER: Roof Tearoff.....	\$ 8.44	0.00
LABORER: Landscape and Irrigation.....	\$ 12.00	0.00
OPERATOR: Asphalt Spreader.....	\$ 11.41	0.00
OPERATOR: Backhoe.....	\$ 11.00	0.00
OPERATOR: Blade/Grader.....	\$ 13.73	0.00
OPERATOR: Bulldozer.....	\$ 15.01	0.00
OPERATOR: Distributor.....	\$ 12.37	0.00
OPERATOR: Forklift.....	\$ 14.00	0.00
OPERATOR: Loader.....	\$ 13.80	1.79
OPERATOR: Paver.....	\$ 11.69	0.00
OPERATOR: Pump.....	\$ 19.00	0.00
OPERATOR: Roller.....	\$ 10.68	0.00
OPERATOR: Screed.....	\$ 11.34	0.00
OPERATOR: Tractor.....	\$ 9.91	0.00
OPERATOR: Trencher.....	\$ 11.75	0.00
PAINTER: Brush, Roller, and Spray.....	\$ 14.00	0.43
PIPEFITTER (Excluding HVAC Pipe Installation).....	\$ 17.83	0.00
PLUMBER.....	\$ 13.58	0.00
ROOFER (Metal Roofs Only).....	\$ 14.26	0.59
ROOFER, Including Built Up, Hot Tar, Modified Bitumen, Shake & Shingle, Single Ply and Slate & Tile (Excluding Metal Roof).....	\$ 14.00	0.43
SHEETMETAL WORKER (Excluding HVAC Duct Installation).....	\$ 18.79	3.21
TILE SETTER.....	\$ 14.61	0.00
TRUCK DRIVER: Dump Truck.....	\$ 10.00	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 12.09	0.00

WELDERS - Receive rate prescribed for craft performing

operation to which welding is incidental.

=====
 Unlisted classifications needed for work not included within
 the scope of the
 classifications listed may be added after award only as
 provided in the labor
 standards contract clauses (29 CFR 5.5(a)(1)(ii)).

 --
 In the listing above, the "SU" designation means that rates
 listed under the
 identifier do not reflect collectively bargained wage and
 fringe benefit
 rates. Other designations indicate unions whose rates have
 been determined
 to be prevailing.

 --
 WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can
 be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on
 a wage
 determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests
 for summaries
 of surveys, should be with the Wage and Hour Regional Office
 for the area in
 which the survey was conducted because those Regional Offices
 have
 responsibility for the Davis-Bacon survey program. If the
 response from this
 initial contact is not satisfactory, then the process described
 in 2.) and
 3.) should be followed.

With regard to any other matter not yet ripe for the formal
 process
 described here, initial contact should be with the Branch of
 Construction
 Wage Determinations. Write to:

Branch of Construction Wage Determinations
 Wage and Hour Division
 U.S. Department of Labor
 200 Constitution Avenue, N.W.

Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7).

Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION