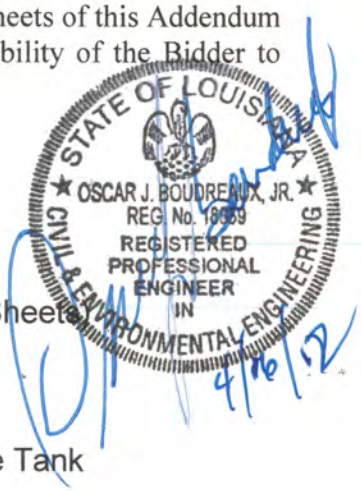
ADDENDUM NO. 2

Fire Suppression System / AWG Development
Town of Pearl River, Louisiana

DATE ISSUED: April 16, 2012 EES PROJECT NO. 1012
BID DATE: April 23, 2012

This Addendum shall be considered as included and/or amended in the original Contract Documents and shall take precedence over any part of the original documents or previous addendum in conflict therewith. This Addendum contains 22 pages. All bidders shall ensure all sheets of this Addendum are enclosed. If sheets are missing from this Addendum, it is the responsibility of the Bidder to notify the Engineer seventy-two (72) hours prior to the bid date and time.



I. SPECIFICATIONS

A. Section 00803 – LCDBG Supplementary Conditions (Cherry Sheets)

Replace existing Labor Wage Rates with the attached rates.

B. Section 13203 – Potable Water "Bolted" Steel Ground Storage Tank

In paragraph 2.04 – Foundation as shown in Addendum No. 1, **Remove** the sentence which reads:

"Stratom Engineers who are the foundation Engineers for the AWG building have offered to provide this service for a fee of $1,500."

C. Section 13205 – Steel Ground Storage Tank

1. In paragraph 2.01 – Tank Details as shown in Addendum No. 1, **Remove** the sentence which reads:

"Stratom Engineers who are the foundation Engineers for the AWG building have offered to provide this service for a fee of $1,500."

2. In paragraph 2.05(b), **Remove** the existing paragraph as shown in Addendum No. 1 and **Replace** it with the following:

"**B.** The controller shall be of the combined manual automatic type sized to operate a 300 HP, 460 VAC, 60 hertz motor and designed for across the line. The controller shall be housed in minimum NEMA 12 drip-proof indoor enclosure, fabricated from heavy gauge cold rolled steel per the requirements of UL 508."

D. Section 16200 – Detail Specifications for Electrical Installation

In paragraph 1.03, **Add** the following:

"Panel shall also contain a Red Lion or approved equal set point controller/indicator with internal power supply, a Rosemount 3051 or approved equal pressure transducer with Rosemount stainless steel block and bleed valves, panel heater, thermostat and 120v weather proof receptacle on outside bottom of enclosure. Heat trace the pressure line with plug-in type heat trace cable and insulate with split tubing and aluminum tape."

II. APPENDICES

Appendix C – Fire Marshal Review

Add the attached Fire Marshal Review dated February 29, 2012 as Appendix C. Contractor to comply with all requirements of the Fire Marshal's Office.

III. DRAWINGS

A. Sheets M02, M04, M05, A01, and S01

1. **Remove** all references to building slab elevation = 23.83 and **Replace** with building slab elevation = 24.50.

2. Elevation of tank slab to be elevation = 24.50.

B. Sheet C02

Add the following note to Concrete Slab Detail:

"Parking lot concrete slab elevation at building to be 24.50. Contractor to slope slab away from building."

C. Sheet M01

In Fire Hydrant Assembly detail, **Change** 2" gate valve to 6" gate valve.

D. Sheet M02

1. **Remove** note "base of tank elev" and **Replace** with note which reads "base of tank elev = 24.50".

2. **Change** section callout from "A/3" to "A/M04".

3. **Change** section callout from "B/4" to "B/M05".

4. **Add** attached concrete curbing detail to Sheet M02.

5. In note 16 (Addendum No. 1), **Change** the hydrostatic pressure testing from 200 psi to 230 psi.

6. Contractor to route 4-inch PVC drain line from floor drain location to drainage ditch at greatest possible slope.

E. Sheet M03

Remove the note which reads:
"? GPM at ? psi Electric Jockey Pump ? HP, ? Volt, ? Phase, 60 Hz"

and **Replace** it with:
"10 GPM at 160 psi Electric Jockey Pump, 3 HP, 460 Volt, 3 Phase, 60 Hz."

F. Sheet M04

Change section callout from "A/M04" to "A/M02".

G. Sheet M05

Change section callout from "B/M05" to "B/M02".

H. Sheet A01

1. **Change** section callout from "1/A01" to "1/A02".
2. **Change** section callout from "2/A01" to "2/A02".
3. **Change** section callout from "3/A01" to "3/A02".

I. Sheet A02

1. **Change** section callout from "1/A02" to "1/A01".
2. **Change** section callout from "2/A02" to "2/A01".
3. **Change** section callout from "3/A02" to "3/A01".
4. **Change** callout in section 2/A01 which reads "Steel Roof Deck" to "Standing Seam Roof Deck".
5. **Remove** reference to 2x4 stripping and **Replace** it with zee rib clips stripping at 12-inches on center.
6. **Add** the following note on this drawing:

   "Note: Contractor to provide a roof system complying with FM Global Assembly No. 522-0-0. Insulation to be equivalent to a R16 value."

   Engineer's Note: Modify all drawings to comply with FM Global Roof Assembly No. 522-0-0.

J. Sheet A04

Remove Sheet A04 and **Replace** with attached Sheet A04.

K. Sheet S01

Remove callout which reads:
"? Rebar @ 4'-0" Max O.C."

and **Replace** it with:
"#5 Rebar @ 4'-0" Max O.C."

L. Sheet S03

Remove floor drain detail and **Replace** with attached welded tank floor drain detail.

M. Sheet S04

1. **Remove** overflow pipe detail and **Replace** with attached overflow pipe detail.
2. **Add** note which reads: "Provide 4'x8'x6" concrete splash pad with #4 rebar @ 12" O.C.E.W. under overflow pipe".
3. **Add** the following note to this drawing:

   "Note: Contractor to provide one (1) inch welded threaded coupling to tank wall one (1) foot above concrete slab at a location near the GSTCP panel as determined by Engineer. Provide a one (1) inch closed nipple (NPT) and a one (1) inch ball valve. Refer to electrical details for pressure sensor transmitter details."

N. Sheet S05

Remove floor drain detail and **Replace** with attached bolted tank floor drain detail.

O. Sheet S06

Add note which reads: "Provide 4'x8'x6" concrete splash pad with #4 rebar @ 12" O.C.E.W. under overflow pipe".

P. Sheet S09

1. **Change** note which reads "300,000 gallon storage tank" to read "350,000 gallons storage tank."
2. **Add** the following note to this drawing:

   "Note: Contractor to provide a one (1) inch threaded coupling to tank wall located one (1) foot above the concrete slab at a location near the GSTCP panel as determined by Engineer. Provide a one (1) inch closed nipple (NPT) and a one (1) inch ball valve. Refer to electrical details for pressure sensor transmitter details."

Q. Sheet S10

In the elevation shown in the upper left hand corner, **Delete** the note which reads:

"Note: New plate for wall extension to be equivalent to existing thickness and meet all requirements of AWWA D-100"

R. Sheet E01

Remove Sheet E01 and **Replace** with attached Sheet E01 dated April 14, 2012 in the lower hand corner of the drawing.

S. Sheet E02

Remove Sheet E02 and **Replace** with attached Sheet E02 dated April 14, 2012 in the lower hand corner of the drawing.

T. Sheet E03

Remove Sheet E03 and **Replace** with attached Sheet E03 dated April 14, 2012 in the lower hand corner of the drawing.

General Decision Number: LA120007 04/13/2012 LA7

Superseded General Decision Number: LA20100008

State: Louisiana

Construction Type: Heavy

Counties: Jefferson, Orleans, Plaquemines, St Bernard, St Charles, St James, St John the Baptist and St Tammany Counties in Louisiana.

HEAVY CONSTRUCTION PROJECTS (Includes flood control, water & sewer lines, and water wells. Also includes elevated storage tanks in all listed parishes except Plaquemines and St. James. Excludes industrial construction-chemical processing, power plants, and refineries.)

Modification Number	Publication Date
0	01/06/2012
1	03/09/2012
2	04/13/2012

CARP1846-006 07/01/2011

	Rates	Fringes
CARPENTER (formbuilding/formsetting and Piledrivers)	$ 21.81	7.35
MILLWRIGHT	$ 21.56	6.85

ELEC0130-005 12/01/2011

JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES, ST. JAMES, AND ST. JOHN THE BAPTIST PARISHES

	Rates	Fringes
ELECTRICIAN (including low voltage wiring)	$ 27.30	9.21

ELEC1077-002 03/01/2012

ST. TAMMANY PARISH

	Rates	Fringes
ELECTRICIAN (including low voltage wiring)	$ 22.25	6.86

ENGI0406-018 07/01/2009

	Rates	Fringes
OPERATOR: Power Equipment		
Bulldozer	$ 21.26	6.70
Mechanic	$ 23.31	6.70

PLAS0567-003 07/01/2009

JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES, ST. JOHN THE BAPTIST, and ST. TAMMANY PARISHES

	Rates	Fringes
Cement Mason/Concrete Finisher...	$ 23.06	4.24

PLAS0812-003 06/01/2004

ST. JAMES PARISH

	Rates	Fringes
Cement Mason/Concrete Finisher...	$ 21.85	0.00

* PLUM0060-002 12/05/2011

JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES, ST. JAMES (Southeastern Portion), ST. JOHN THE BAPTIST, and ST. TAMMANY PARISHES

	Rates	Fringes
Plumbers (excluding pipe laying).....	$ 26.30	10.10

PLUM0198-005 01/01/2012

ST. JAMES PARISH (Northwestern Portion)

	Rates	Fringes
PLUMBER (excluding pipe laying).....	$ 24.54	10.03

SULA2004-007 05/13/2004

	Rates	Fringes
CARPENTER (all other work).....	$ 13.75	2.60
Laborers:		
Common/Landscape.....	$ 9.88	0.00
Fence.....	$ 11.24	0.00
Flagger.....	$ 8.58	0.00
Mason Tender.....	$ 7.25	0.00
Pipelayer.....	$ 9.84	0.00
PIPEFITTER (excluding pipelaying).....	$ 17.52	4.51
Power equipment operators:		
Backhoe/Excavator.....	$ 14.42	0.00
Crane.....	$ 16.34	3.30
Dragline.....	$ 16.50	0.00
Front End Loader.....	$ 13.89	0.00
Oiler.....	$ 10.03	0.00
Truck drivers:		
Dump.....	$ 11.01	0.00
Pickup.....	$ 12.25	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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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 (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rate.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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.

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END OF GENERAL DECISION

APPENDIX C

Louisiana State Fire Marshal letter

February 29, 2012

STATE OF LOUISIANA

Department of Public Safety and Corrections
Office of State Fire Marshal Code Enforcement and Building Safety
8181 Independence Boulevard
Baton Rouge, Louisiana 70806
225-925-4920

H "BUTCH" BROWNING
FIRE MARSHAL

FIRE SUPPRESSION SYSTEM

OSCAR BOUDREAUX
ENVIRONMENTAL ENGINEERING SERVICES, INC.
610 BELLE TERRE BLVD.
LAPLACE, LA 70068-0000

RE: P0410880
AWG DEVELOPMENT/ FIRE SUPPRESSION SYSTEM
OLD MILITARY RD
PEARL RIVER, LA 70452

NFPA 101, 2009
IBC, 2009 (CHAPTERS 9 & 10)

INDUSTRIAL

Dear Applicant:

Please be advised that we have made a general review of the drawings, calculations, and equipment data for the proposed Fire Suppression System, based on the submittal package received for the above referenced project. This review is governed by the Official Manual of the Office of State Fire Marshal, which contains the adopted laws, codes, rules, and regulations of this office. This review, in no way, shall permit and/or authorize any omissions or deviations from the specific requirements of the Official Manual. Requirements cited in this review do not relieve the licensed fire suppression system designer and the Professional Of Record, when required by LA RS 37, from complying with all the requirements contained in the Official Manual. Subsequent to our general review of the submittal package, we have determined that the drawings, calculations, and equipment data appear to satisfactorily comply with the adopted laws, codes, rules and regulations of the State Fire Marshal, subject to the following requirements and review qualifications:

1. **Scope of work is to provide as indicated below:**
   Based on the appeal dated February 29, 2012.

   The town of Pearl River is supplying the fire pump and water storage tank for this project and as economic incentive to Associated Wholesale Grocers. The plans defining the proposal to install a new 350,000 gallon water storage tank, pump and associated controls and piping to provide the new AWG Development with water for its fire suppression system. The tank and pump were reviewed by FM Global and have included a copy of their report which indicates the submittal was reviewed and found to be acceptable.

   Review of the pump house is based on NFPA 20 requirements.

NOTE: THE COMMENTS LISTED BELOW IDENTIFY APPARENT DEFICIENCIES DETECTED IN OUR REVIEW OF THE DOCUMENTS SUBMITTED.

2. **Pump house shall include the following:**

20:5.12.1.1.4 Rooms containing fire pumps shall be free from storage and penetrations not essential to the operation of the pump and related components.

20:5.12.1.3 Fire Pump Buildings or Rooms with Diesel Engines. Fire pump buildings or rooms enclosing diesel engine pump drivers and day tanks shall be protected with an automatic sprinkler system installed in accordance with NFPA 13, Standard for the Installation of Sprinkler Systems.

20:5.12.2.1 An approved or listed source of heat shall be provided for maintaining the temperature of a pump room or pump house, where required, above 40°F (5°C).

20:5.12.2.2 The requirements of 11.6.5 shall be followed for higher temperature requirements for internal combustion engines.

20:5.12.3 Normal Lighting. Artificial light shall be provided in a pump room or pump house.

20:5.12.4.1 Emergency lighting shall be provided in accordance with NFPA 101, Life Safety Code.

20:5.12.4.2 Emergency lights shall not be connected to an engine-starting battery.

20:5.12.6.2 The pump room or pump house shall be provided with a floor drain that will discharge to a frost-free location.

NOTE: THE FOLLOWING COMMENTS IDENTIFY ISSUES FOR INFORMATIONAL AND CAUTIONARY PURPOSES OR ISSUES THAT COULD NOT BE VERIFIED IN THE SUBMITTED DOCUMENTS.

3. **A REVIEW FOR COMPLIANCE WITH THE FIRE PROTECTION AND EGRESS REQUIREMENTS OF CHAPTERS 9 AND 10 OF THE INTERNATIONAL BUILDING CODE IS INCLUDED IN THIS REVIEW. Review for compliance with all other requirements of the LOUISIANA STATE UNIFORM CONSTRUCTION CODE, in accordance with Act 12 of the 2005 First Extraordinary Session of the Louisiana Legislature, IS NOT INCLUDED IN THIS REVIEW. Contact the building official of the applicable political subdivision to coordinate compliance with these requirements. LRS 40:1730.23 mandates the enforcement of building codes by municipalities and parishes in Louisiana, as described by LRS 40:1730.28.**

   Note: In accordance with LRS 40:1730.39.A, this office may establish contract agreements with municipalities and parishes in order to provide uniform construction code enforcement on their behalf, as provided in LRS 40:1730.24. Please visit our web site at http://www.dps.state.la.us/sfm/index.htm for a current list of jurisdictions requesting plan review by this office, a fee schedule, and a checklist of information required for review.

   PROVIDE A DUPLICATE SET OF PLANS AND SPECIFICATIONS TO THE BUILDING OFFICIAL (OR THIRD-PARTY) FOR REVIEW AND/OR PERMITTING, THE STATE FIRE MARSHAL REVIEWED AND STAMPED DOCUMENTS SHALL NOT BE USED FOR THIS PURPOSE. ADDITIONAL MARKING OR ALTERATIONS MADE TO THE APPROVED STAMPED PLANS MAY CAUSE DELAYS IN FINAL ACCEPTANCE FOR OCCUPANCY.

4. **LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (- Pump House Refer to Appendix E for distribution information.)**

5. **NOTE: Please ENCLOSE A COPY OF THIS LETTER WITH FUTURE SUBMITTALS OR OTHER CORRESPONDENCE pertaining to this project.**

Changes to construction in the field which are not consistent with the reviewed documents are not authorized unless reviewed by this office for compliance with Code. Modifications to reviewed plans must be submitted to this office by the Architect/Civil Engineer for review prior to final inspection. If an Architect or Civil Engineer is not required by RS 37:155, revisions shall be submitted by the Owner. Submittals shall include plans, completed application, a minimum $55.00 review fee, and a copy of the most current plan review letter.

Occupancy of the project is permitted only upon the receipt of the applicable Contractor's Material & Test Certificate as per NFPA 13, Fire Alarm System Certificate and Description as per NFPA 72, or other certification as required by the applicable codes and a satisfactory inspection of the completed construction had been made by this office.

To arrange for inspection of the project, please contact the District Office at the phone number below two (2) to three (3) weeks in advance. The plans stamped reviewed by this office must be available on job site at time of inspection. Certificate of completion must be provided to the inspecting Deputy for final inspection.

This review is valid for 180 days from the date of this letter. Construction permits must be issued and/or construction must commence within this time period.

REVIEWED BY:
LINDA BURCH
ARCHITECT SUPERVISOR

CC:
Town Of Pearl River, La
Property Insurance Association*
Division Of Permits & Inspections (Stam)*
New Orleans District* 5045688506
St Tammany Fire Protection District No 11

STATE OF LOUISIANA

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONS
OFFICE OF STATE FIRE MARSHAL

CERTIFICATE OF COMPLETION

DATE:_____

SFM PROJECT PO_____**SYSTEM TYPE**_____**CONTRACTOR SIGNATURE**_____

SFM PROJECT PO_____**SYSTEM TYPE**_____**CONTRACTOR SIGNATURE**_____

SFM PROJECT PO_____**SYSTEM TYPE**_____**CONTRACTOR SIGNATURE**_____

SFM PROJECT PO_____**SYSTEM TYPE**_____**CONTRACTOR SIGNATURE**_____

Please list all projects pertaining to the currently scheduled reviews of the building. System type refers to Architectural, Fire Alarm, Kitchen Hood/Wet Chemical Suppression, Fire Suppression, or Storage Tank.

To arrange for inspection of the project, please contact the district office two (2) to three (3) weeks in advance. To verify inspection district and phone number please refer to the "cc" list on the last page of the State Fire Marshal review letter. The plans stamped reviewed by this office must be available on job site at time of inspection. This Certificate Of Completion must be provided to the inspecting deputy at final inspection.

This is to certify the below project

PROJECT TITLE FROM APPLICATION		
PROJECT ADDRESS		
CITY	STATE	ZIP CODE

was periodically observed by me, by my consultants, and/or by others in my employ during construction and, to the best of my knowledge, information and belief, has been completed in accordance with the safety provisions which were shown in the plans and specifications previously reviewed by the Fire Marshal.

UNDER PENALTY OF LAW FOR FALSE STATEMENTS, I (NAME OF ARCHITECT/ENGINEER IF REQUIRED, OTHERWISE OWNER)

PRINT NAME_____SIGNATURE_____

ARCHITECT/ CIVIL ENGINEER LICENSE NUMBER_____

CERTIFY ALL STATEMENTS CONTAINED HEREIN ARE, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, TRUE AND CORRECT.

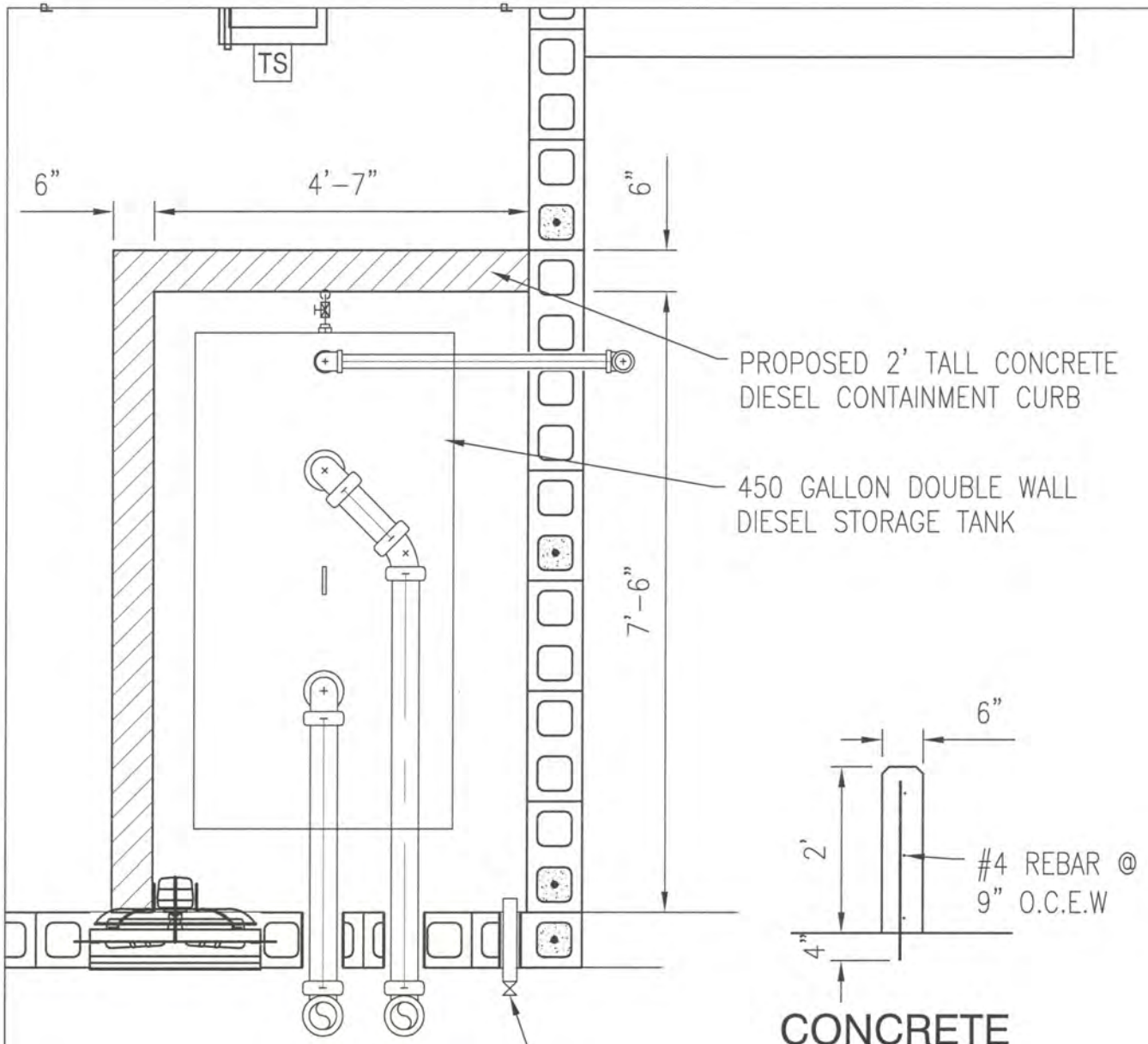
LAC 55:V:307 OBSERVATION OF CONSTRUCTION

A. For a structure which by law may only be constructed with plans prepared and certified by a licensed architect or civil engineer, it shall be the duty of the owner of such a structure to provide for periodic observation of the construction of the structure to determine if the work is proceeding in accordance with the plans and specifications as approved by the fire marshal. The observations shall be performed by a registered architect or a registered civil engineer.

B. Upon completion of such work, where the law requires the owner to engage an architect or registered civil engineer, the owner shall furnish to the fire marshal a certificate signed by a registered architect or registered civil engineer stating that the periodic observations have been made and that to the best of the architect's or engineer's knowledge, information and belief, the work was completed in accordance with those fire safety standards and regulations stipulated in the plans and specifications previously approved by the fire marshal. When the owner has not engaged an architect or registered civil engineer, and the same is not required by law, the owner must submit the certificate of completion when appropriate, but always under his signature.

C. Occupancy of a structure, watercraft or movable prior to furnishing a certificate to the fire marshal as required under this regulation is expressly forbidden by the fire marshal, unless and until a satisfactory inspection has been made by the fire marshal or his certified representative.

D. In order to comply with the requirements of §307.B, the owner must submit to the fire marshal the following certificate completed by the architect, civil engineer, or, if neither is required by law, the owner.



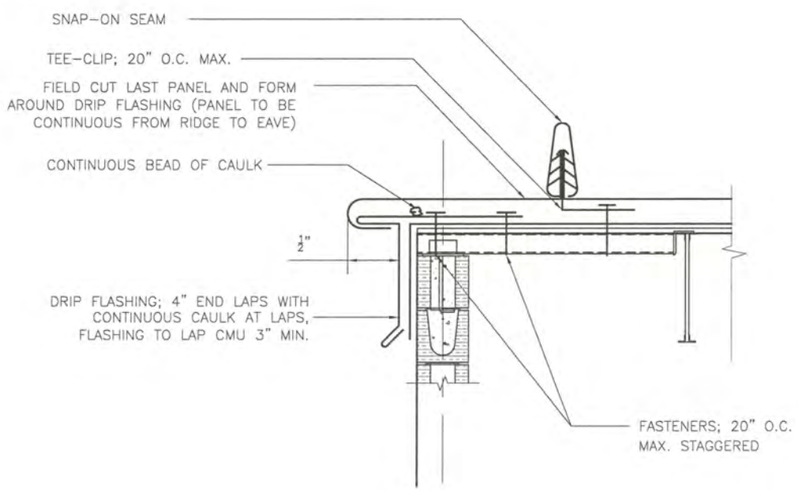
CONCRETE CURBING DETAIL

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

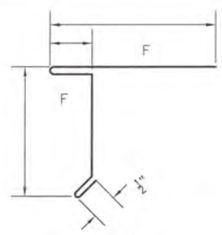
CONCRETE CURBING SECTION

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

ADDENDUM 2
2012/04/16

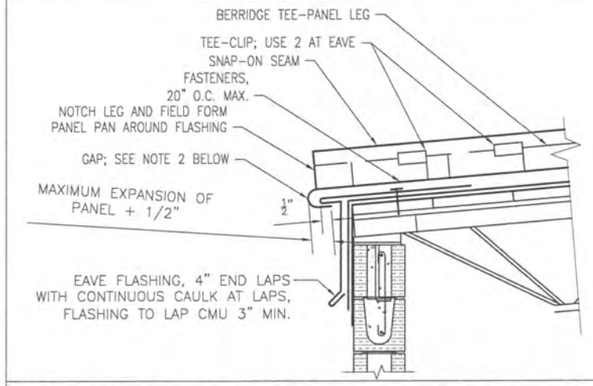


1. FIELD CUT AND FORM LAST PANEL AROUND DRIP FLASHING. PANEL MUST BE CONTINUOUS FROM RIDGE TO EAVE.

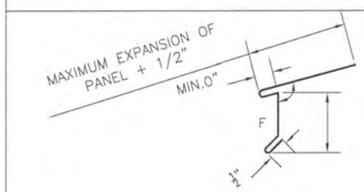


F = FINISH SIDE

GABLE DETAIL
TEE–PANEL SYSTEM



1. THIS DETAIL IS RECOMMENDED FOR AREAS WITH HEAVY SNOW LOADS OR WHERE EXPANSION AND CONTRACTION OF PANELS IS A DESIGN FACTOR.
2. THE "GAP" BETWEEN EAVE FLASHING AND PANEL (SEE DETAIL ABOVE) CAN BE INCREASED TO ALLOW FOR LINEAR EXPANSION AND CONTRACTION OF PANELS. NOTE 1/2" OF PANEL PAN MUST BE ENGAGED WITH EAVE FLASHING WHEN PANEL HAS EXPANDED TO ITS MAXIMUM LENGTH.
3. GAP BETWEEN EAVE FLASHING AND PANEL MUST BE ADJUSTED TO SUIT TEMPERATURE DURING INSTALLATION.



F = FINISH SIDE

EAVE FLASHING

EAVE DETAIL
TEE–PANEL SYSTEM

NOTE: ROOFING SYSTEM TO COMPLY WITH FM GLOBAL ROOF SYSTEM 522–0–0

ADDENDUM 2
2012/04/16

DESIGNED	OJB
DRAWN	BMZ
CHECKED	RPG
DATE	2011/06

NO.	DATE	DESCRIPTION	BY

OWNER: TOWN OF PEARL RIVER

PROJECT: FIRE SUPPRESSON SYSTEM
PEARL RIVER, LOUISIANA

PROJECT: 1012

FILENAME: S:\Yr 2010\1012\30\ADDENDUM-2\1012-AWG-ADDENDUM2.dwg TAB NAME: A04

SCALE CONVERSION
0 1 2 3 4
SCALE: AS NOTED

Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
610 BELLE TERRE BLVD.
LAPLACE, LA 70068
PHONE (985) 653-0185
FAX (985) 653-0182

ROOF FLASHING DETAILS

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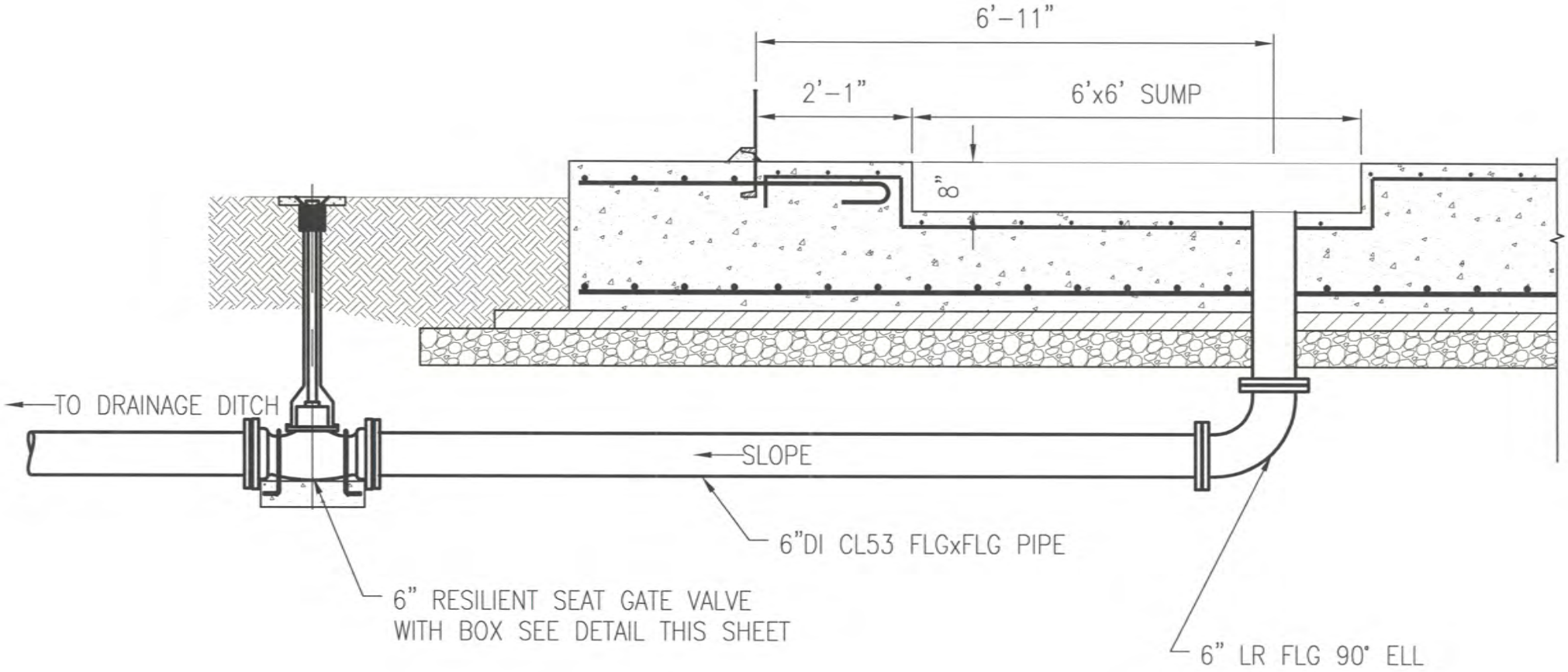
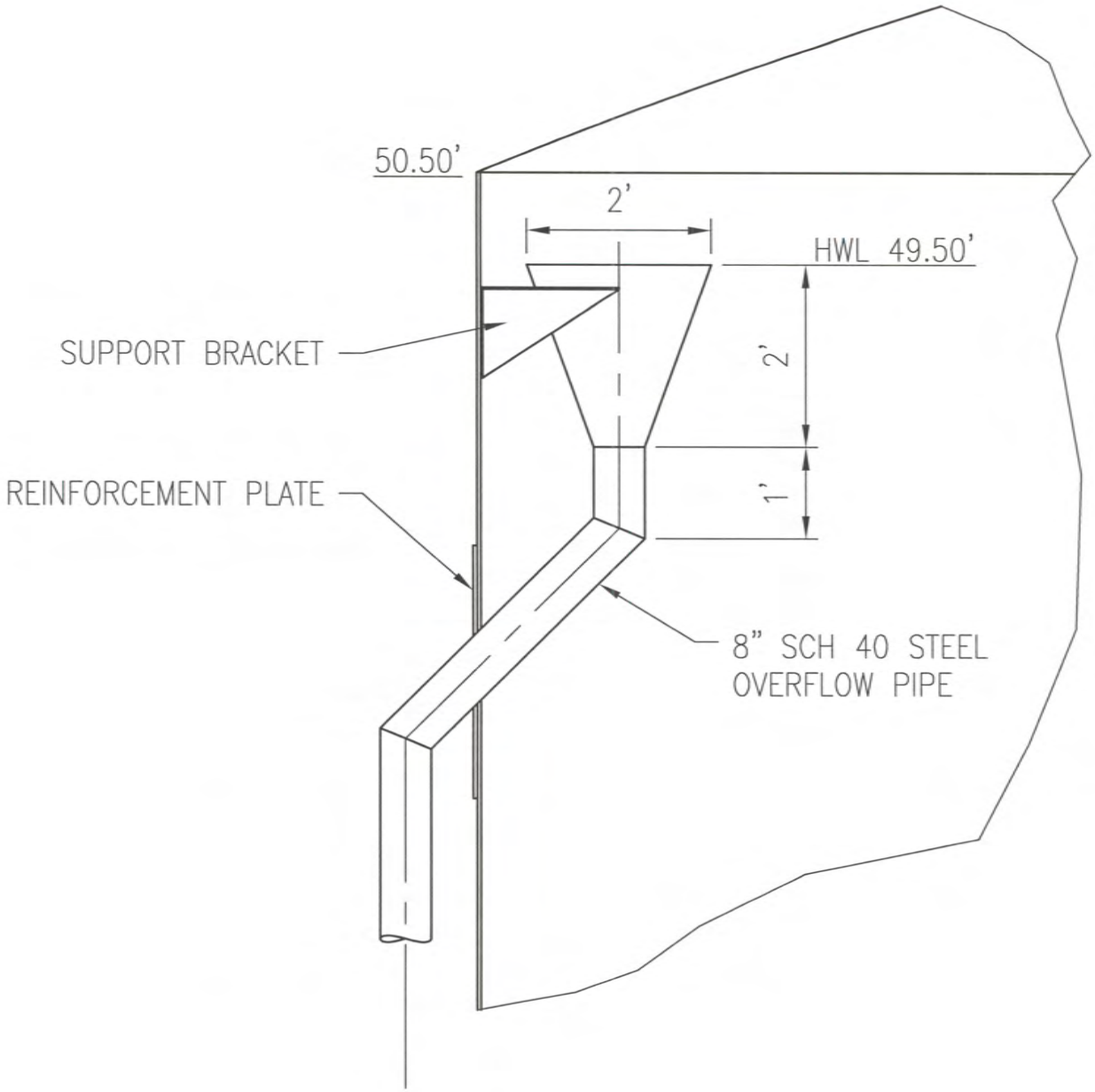
SHEET: A04



WELDED TANK
FLOOR DRAIN DETAIL

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

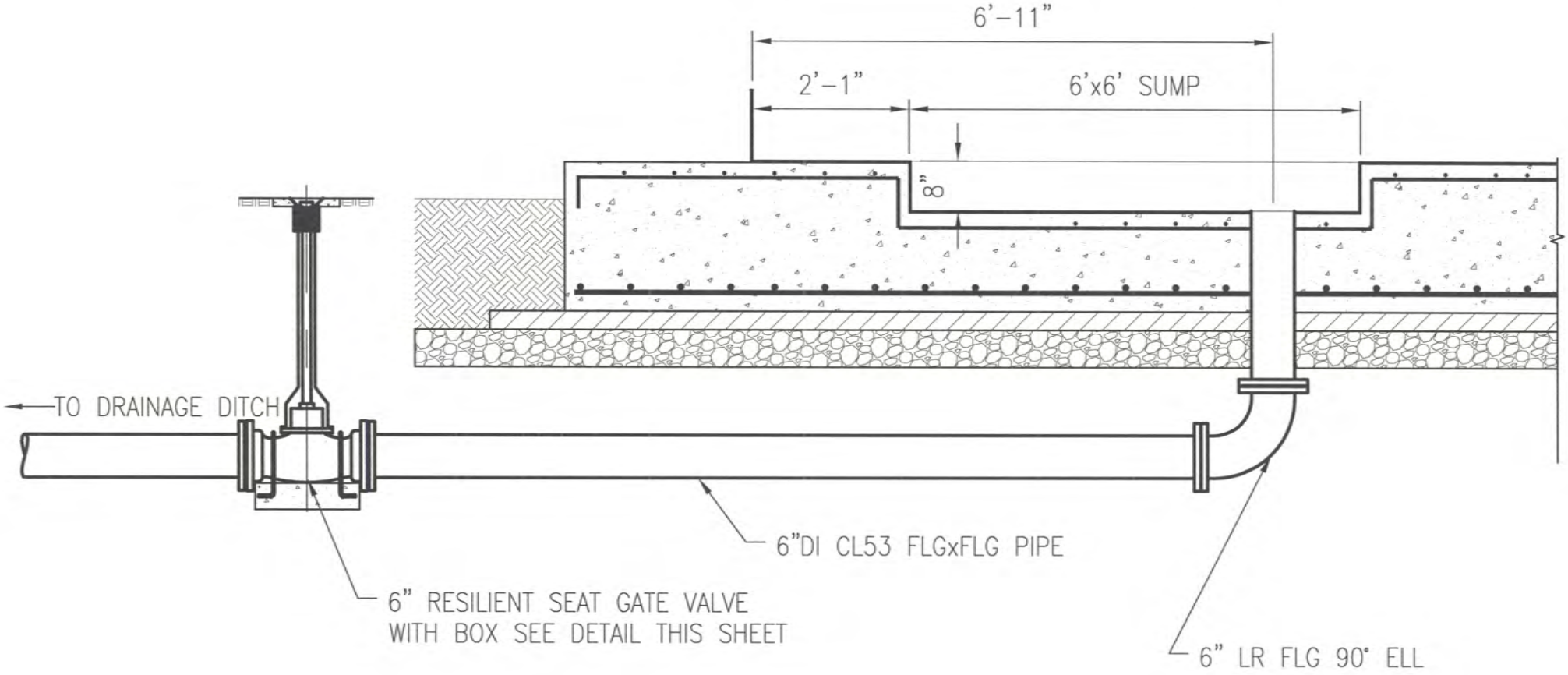
ADDENDUM 2
2012/04/16



OVERFLOW PIPE

SCALE: NTS

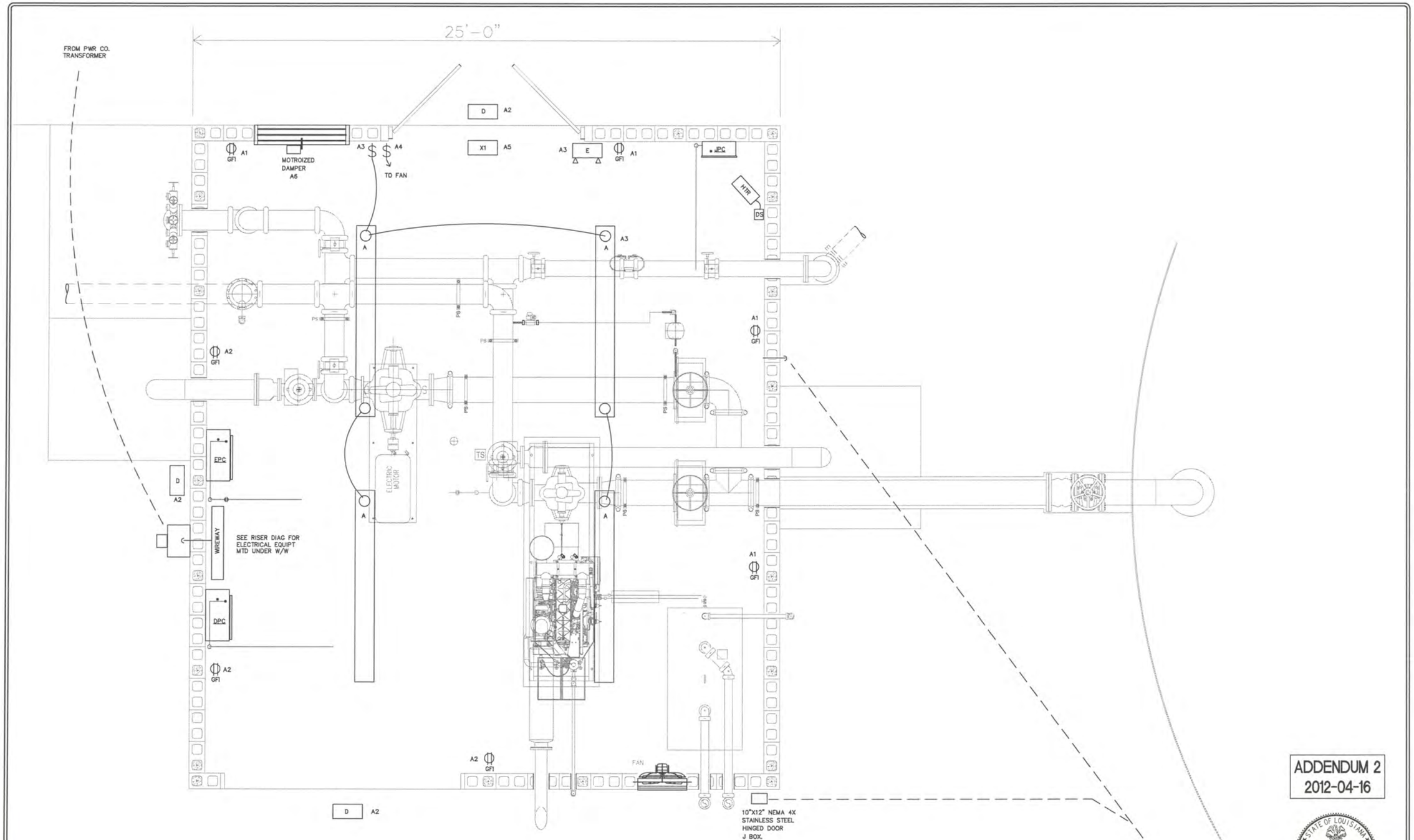
ADDENDUM 2
2012/04/16



BOLTED TANK
FLOOR DRAIN DETAIL

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

ADDENDUM 2
2012/04/16



PUMP HOUSE PLAN VIEW

4/14/12

ADDENDUM 2
2012-04-16

STATE OF LOUISIANA
RALEIGH L. COX
REG. No. 11535
REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

DESIGNED	OJB
DRAWN	
CHECKED	RPG
DATE	9/11

NO.	DESCRIPTION	DATE	BY

OWNER: TOWN OF PEARL RIVER

PROJECT: FIRE SUPPRESSON SYSTEM
PEARL RIVER, LOUISIANA

PROJECT: 1012

FILENAME: S:\Yr 2010\1012\30\ADDENDUM-2\E1,E2 4-14-12.dwg TAB NAME: E01

SCALE CONVERSION
0 1 2 3 4
SCALE: AS NOTED

Environmental Engineering Services, Inc.
CONSULTING ENGINEERS
610 BELLE TERRE BLVD.
LAPLACE, LA 70068
PHONE (985) 653-0185
FAX (985) 653-0182

ELECTRICAL

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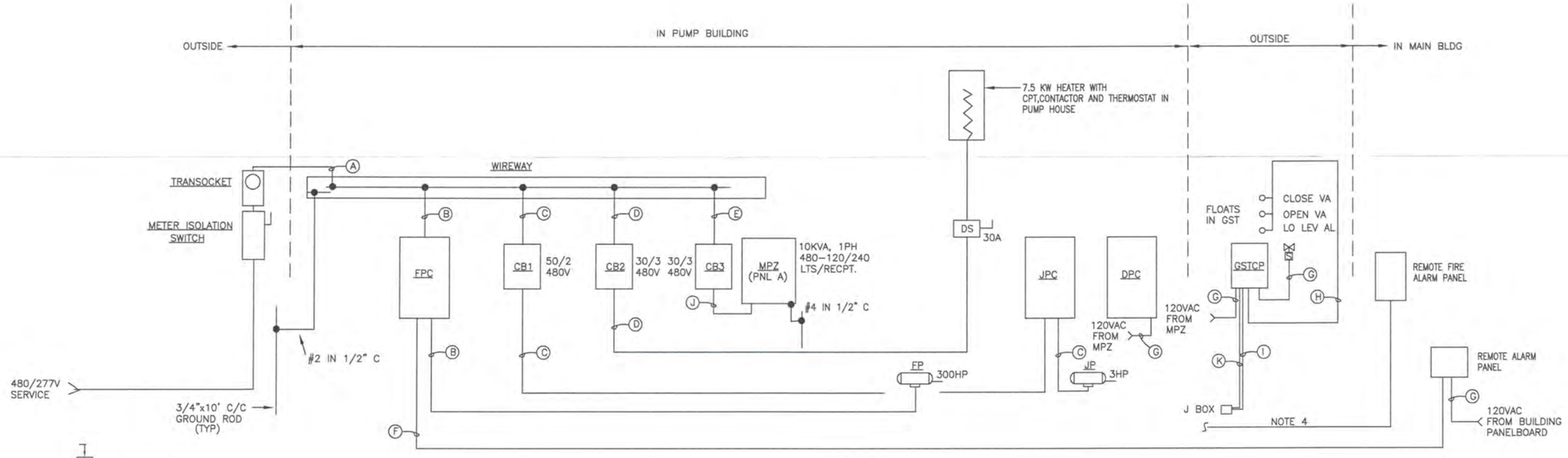
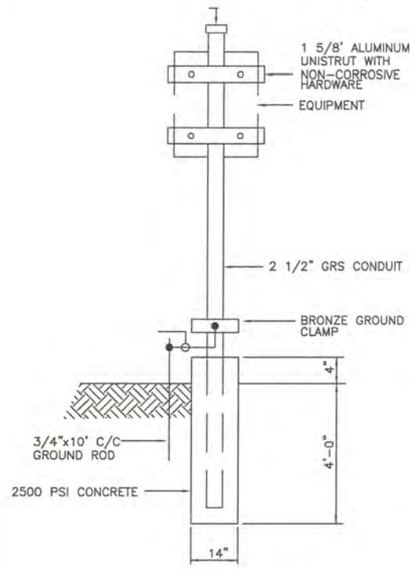
SHEET: E01



RISER DIAGRAM



ELECTRICAL & INSTRUMENT EQUIPMENT MOUNTING – SMALL PANELS

NOTES;

1. POWER COMPANY TO SIZE PRIMARY TRANSFORMER FUSES SUCH THAT THEY WILL CARRY FIRE PUMP AND JOCKEY PUMP LOCKED ROTOR CURRENT PLUS OTHER CURRENTS INDEFINITELY – MINIMUM 2500 AMPS AT THE SECONDARY VOLTAGE LEVEL OF 480 VOLTS.
2. CONTRACTOR TO PROVIDE ENGINEER WITH ALL MOTOR NAME PLATE DATA TO SEND TO POWER COMPANY TO INSURE ITEM 1 IS MET.
3. WIRING INDICATED IS FOR STANDARD SQUIRREL CAGE MOTORS. IF PART WINDING, CONTACT ENGINEER FOR RESIZING.
4. PROVIDE ALL WIRE AND CONDUIT FROM DEVICES AND EQUIPMENT IN FIRE PUMP BLDG TO FIRE ALARM PANEL IF AND AS REQUIRED.
5. ALL ELECTRICAL EQUIPMENT TO BE PAINTED STEEL.
6. PROVIDE ALL WIRE AND CONDUIT FROM ANY OTHER DEVICES IN PUMP BUILDING TO CONTROLLERS IF AND AS REQUIRED. SEE FIRETROL/EMERSON/ASCO DRAWINGS BOUND IN SPECIFICATIONS. ALL WIRING SHALL ADHERE TO THEIR REQUIREMENTS.
7. ALL WIRE TO BE THWN COPPER STRANDED.
8. ALL WORK TO BE IN ACCORDANCE WITH NEC–NFPA70 AND NFPA20 LATEST EDITION AND LOCAL CODES.
9. NO CONDUIT (EXCEPT MAIN SERVICE CONDUIT) TO BE INSTALLED ON BUILDING EXTERIOR.
10. PROVIDE WIRING TO MOTORIZED DAMPER AS REQUIRED.
11. DISCONNECT DEVICES AT BUILDING IS IN ACCORDANCE WITH NEC ARTICLE 230.71. MARK EACH DEVICE INCLUDING FPC AND MPZ WITH A LAMINATED TAG LABELED "SERVICE DISCONNECT 1 OF 4 ", ETC.
12. INSTALL LOW LEVEL IN GST WIRING TO J BOX. INSTALL STUB OUT OF BUILDING FOR OTHERS TO WIRE TO A REMOTE ALARM PANEL.

WIRING SCHEDULE	
RUN	DESCRIPTION
A	2–2 1/2"C, EACH W/4–350 MCM
B	2–2 1/2"C, EACH W/4–#4/0
C	3/4"C. 3#8, 1#12
D	3/4" C, 3#10, 1#12
E	3/4" C, 3#10
F	1"C, 12#14 OR AS REQD
G	3/4" C, 3#12
H	1" C, OPTI FLOAT F/O CABLES
I	3/4"C, 2#14
J	3/4"C, 3#8
K	2/C#16 SH

EPC – ELECTRIC PUMP CONTROLLER
JPC – JOCKY PUMP CONTROLLER
DPC – DIESEL PUMP CONTROLLER

ADDENDUM 2
2012-04-16

STATE OF LOUISIANA
RALEIGH L. COX
REG. No. 11535
REGISTERED PROFESSIONAL ENGINEER
MECHANICAL ENGINEER

4/14/12

DESIGNED	OJB
DRAWN	
CHECKED	RPG
DATE	9/11

NO.	DESCRIPTION	BY

OWNER: TOWN OF PEARL RIVER

PROJECT: FIRE SUPPRESSON SYSTEM
PEARL RIVER, LOUISIANA

PROJECT: 1012

FILENAME: S:\Yr 2010\1012\30\ADDENDUM-2\E1,E2 4-14-12.dwg TAB NAME: E02

SCALE CONVERSION
0 1 2 3 4
SCALE: AS NOTED

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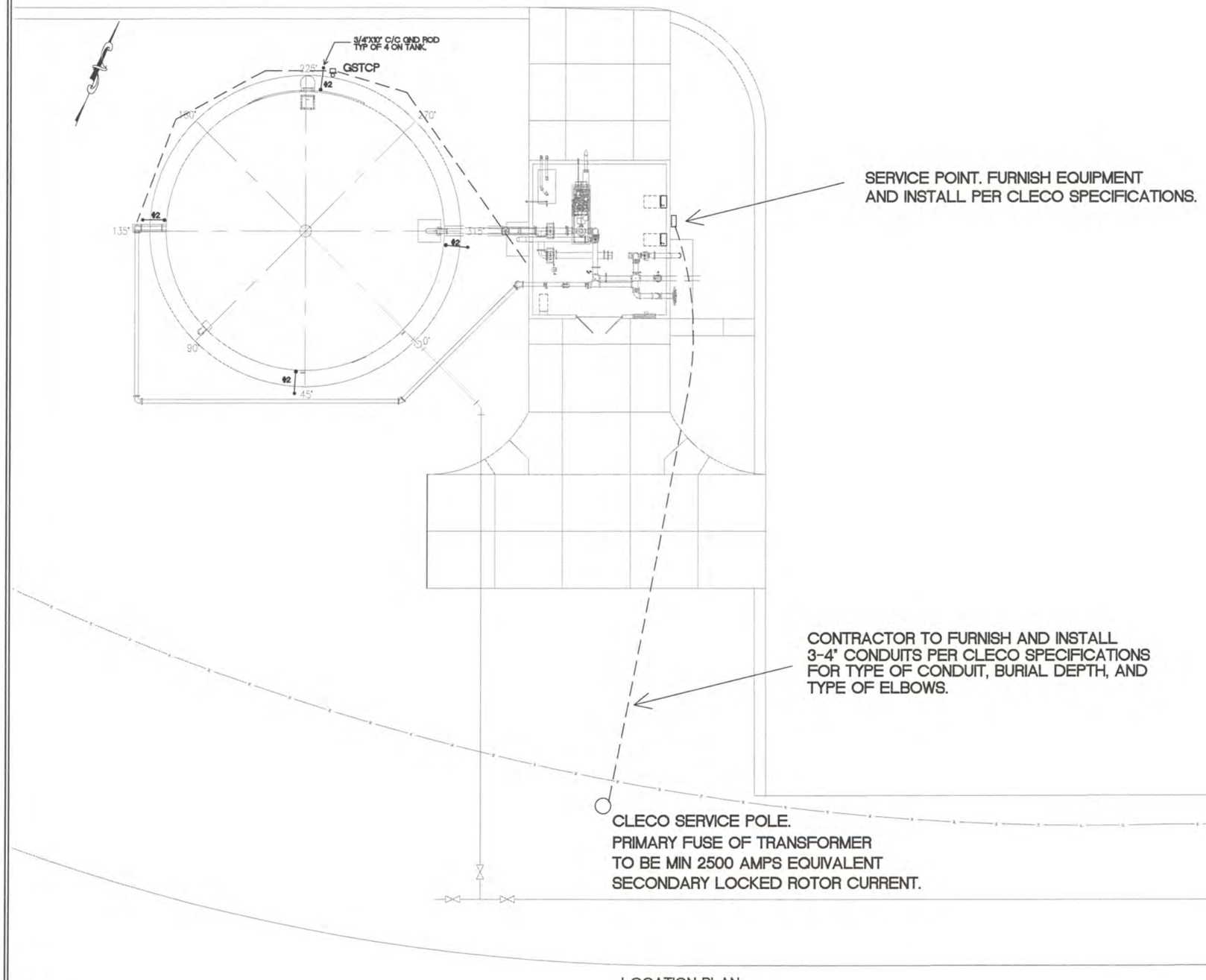
SHEET: E02



LOCATION PLAN
SCALE: 1"=10'

4/14/12

ADDENDUM 2
2012-04-16

STATE OF LOUISIANA
RALEIGH L. COX
REG. No. 11535
REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

DESIGNED	OJB
DRAWN	BMZ
CHECKED	RPG
DATE	2011/06

NO.	DATE	DESCRIPTION	BY

OWNER: TOWN OF PEARL RIVER

PROJECT: FIRE SUPPRESSON SYSTEM
PEARL RIVER, LOUISIANA

PROJECT: 1012

FILENAME: S:\Yr 2010\1012\30\ADDENDUM-2\E03 4-14-12.dwg TAB NAME: E03

SCALE CONVERSION
0 1 2 3 4
SCALE: AS NOTED

Environmental Engineering Services, Inc.
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ELECTRICAL SITE PLAN

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SHEET: E03