ADDENDUM NO. 1 TO PLANS AND CONTRACT DOCUMENTS

FOR

Franklin Canal Flood Protection System Phase II Pump Station TV-52

St. Mary Parish

STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

May 28, 2014

ADDENDUM NO. 1
Franklin Canal Flood Protection System Phase II Pump Station (TV-52)

This addendum shall be considered part of the Plans, Specifications, and Contract Documents (except as noted otherwise) and is issued to change, amplify, or delete from or otherwise explain these documents where provisions of this addendum differ from those of the original documents. This addendum shall have precedence over the original documents and shall govern.

I. Responses to Questions Submitted by Contractors:

Contractor Question/Comment (1): In Section 43 21 40, 1.4.SD-04 (Samples) Calls out for material samples. Please specify what type of "samples" are required if any.

Response (1): No material samples will be required for pump system submittals.

Contractor Question/Comment (2): In Section 43 21 40, 1.4.SD-06 (Test Reports) Calls out for "pump model test performance for each size pump", "witness test" and "factory test" yet there is no mention of testing requirements anywhere else in the specification. Is a performance test required and if so would it be a witnessed or non-witnessed test?

Response (2): Factory pump testing shall not be required. Only field tests shall be required in accordance with Section 43 21 40 Paragraph 3.3 FIELD TESTS.

Contractor Question/Comment (3): In accordance to the instructions to bidders Article 4, item 4.3.2, US FUSION LLC is requesting consideration of an alternate/value engineered product. We request an approval for Hydrotex AB600 as an alternate Line items Ref. No. 8 & 30 – Articulated Concrete Block Revetment. The AB fabric form consists of a series of compartments linked by an interwoven perimeter. Grout ducts interconnect the compartments, and high strength revetment cables are installed between and through the compartments and grout ducts. Once filled, the AB Mats becomes a mattress of pillow-shaped, rectangular concrete blocks. The interwoven perimeters between the blocks serve as hinges to permit articulation. The cables remain embedded in the concrete blocks to link the blocks together and facilitate articulation. The benefits we have over the mats include reduced shipping costs over precast, installation of each area with a single continuous panel, field customization, and less thickness with the same weight; which will reduce cost. The AB600 (68lbs per sq.ft) will also be able to be sewn and placed around the piles for a more intimate fit. This product eliminates the safety hazard of lifting heavy articulated mats over/around piles and the possibility of cracked/broken mats being installed. I've attached the specification sheet for your review.

Response (3): The Hydrotex AB600 is not an acceptable alternative.

II. Revisions to Specifications:

A. SP-21.4.3 RECORDATION OF CONTRACT AND BOND [38:2241A(2)]:

Remove and replace this section in its entirety with the following:

The Contractor shall record within thirty (30) days the Contract Between Owner and Contractor, and Performance and Payment Bond with the Clerk of Court in the Parish in which the Work is to be performed. The Contractor shall obtain a Certificate of Recordation from the Clerk of Court and forward this Certificate immediately to the

Coastal Protection and Restoration Authority contact person listed in the Advertisement for Bids. No requests for payment will be processed until receipt of the Certificate of Recordation.

B. GP - 53 SUBSTANTIAL COMPLETION

Remove and replace the second paragraph of this section in its entirety and replace with the following:

If the Owner or its representative determines the Project is substantially complete, the Owner will issue a Notice of Acceptance identifying the date the Project reached Substantial Completion and attach a punch list, if applicable, identifying the remaining items that must be completed before final payment. The Contractor shall then file the executed Notice of Acceptance with the Clerk of Court in the Parish were the work is performed and shall forward one complete copy of the recorded acceptance to the Owner and Engineer.

C. Special Provisions SP-2 Bullets:
   1. Revise Bullet 10: Gas service lines to pump engines *from termination of supply line at generator pad.*
   2. Delete entire Bullet 12: Approximately 800 linear feet of aggregate roadway on levee crown.

D. Special Provisions SP-9

ADD the following sentence: "Construction of gas supply line to pump station service line will be concurrent with this contract and Contractor must coordinate with supply line installer."

E. Special Provisions SP-13

ADD the following sentence: "The use of levee roadway is prohibited."

F. Metal Building Specification 13 34 19 Section 2.2

Remove Sentence: "Ludwig Buildings Enterprises, LLC or an approved equal."

G. Fiberglass Reinforced Plastic (FRP) Grating Specification 06 73 01 replace Section 1.3 with:

"No separate measurement or payment will be made for the material and work covered under this section. All costs in connection with supply and installation of fiberglass reinforced plastic grating and accessories shall be included in the contract price for Bid Items: "**Connecting Walkway** ~~Extension~~," "East Side Walkway," and "Deduct East Side Walkway" where fiberglass reinforced plastic grating is used."

H. Metal Wall Louvers Specification 08 91 00 change Section 1.3 to:
"No separate measurement will be made for the material and work covered under this section. Payment will be included in the contract unit price for Bid Items "Pre-engineered Metal Building 18' ~~19'~~x25', "Pre-engineered Metal Building 18'x50'," and "Deduct Pre-engineered Metal Building 10'x25'."

I. Delete following Specification in its entirety: Graded-Crushed Aggregate Base Course, Section 32 11 23 and title as "Reserved".

J. Add the following paragraph to Surveying Specification 01 01 02 Section 1.4.2.1
"Survey ACB after placement on a 5' grid and at joints to verify installation is within tolerance and that no overlapping of mats exists. Where necessary correct the ACB placement and resurvey at no direct pay."

K. Remove Surveying Specification 01 01 02 Sections 1.4.1.3 and 1.4.2.6
Title as "Reserved"

L. Replace Structural Steel Specification 05 12 00 Section 1.3 with the following:
"No separate measurement will be made for the material and work covered under this section. Work shall be included in the contract price for bid items to which the work pertains.

III. Revision to Plans (revised sheets attached):

A. Sheet C-002
Note No. 3 revised and placement of proposed rip rap identified.

B. Sheet C-003
Placement of rip rap identified.

C. Sheet S-004
Notes and pile details revised.

D. LADOTD Standard Detail BD 2.5.1.0.2 – CS-216
Add Sheet to Plan Set.

E. Sheet G-003
Revise Steel Note 1.C.1. "API 5L PSL 1 GRADE X42, NO SPIRAL WELDS, Fy=42 ksi" to read "API 5L PSL 1 GRADE X42, Fy=42 ksi"

IV. Additional Clarifications:

A. Engineer will allow NDT weld inspection for a minimum of 10% of the welds for piles spliced in the field. For the remaining field welds, visual inspections by the contractors inspector will serve as the weld inspections. However, this shall not remove the responsibility of the Contractor to repair any unacceptable welds found during inspection at no additional cost to the Owner. All welders must be certified and those certifications

will be submitted to the Engineer as stated in the specifications. Engineer reserves the right to identify which welds shall be inspected by NDT.

B. All permits not supplied by Owner shall be paid for under Bid Item No. 1, Mobilization and Demobilization.

C. Any reference to limestone roadway listed in contract documents should be ignored.

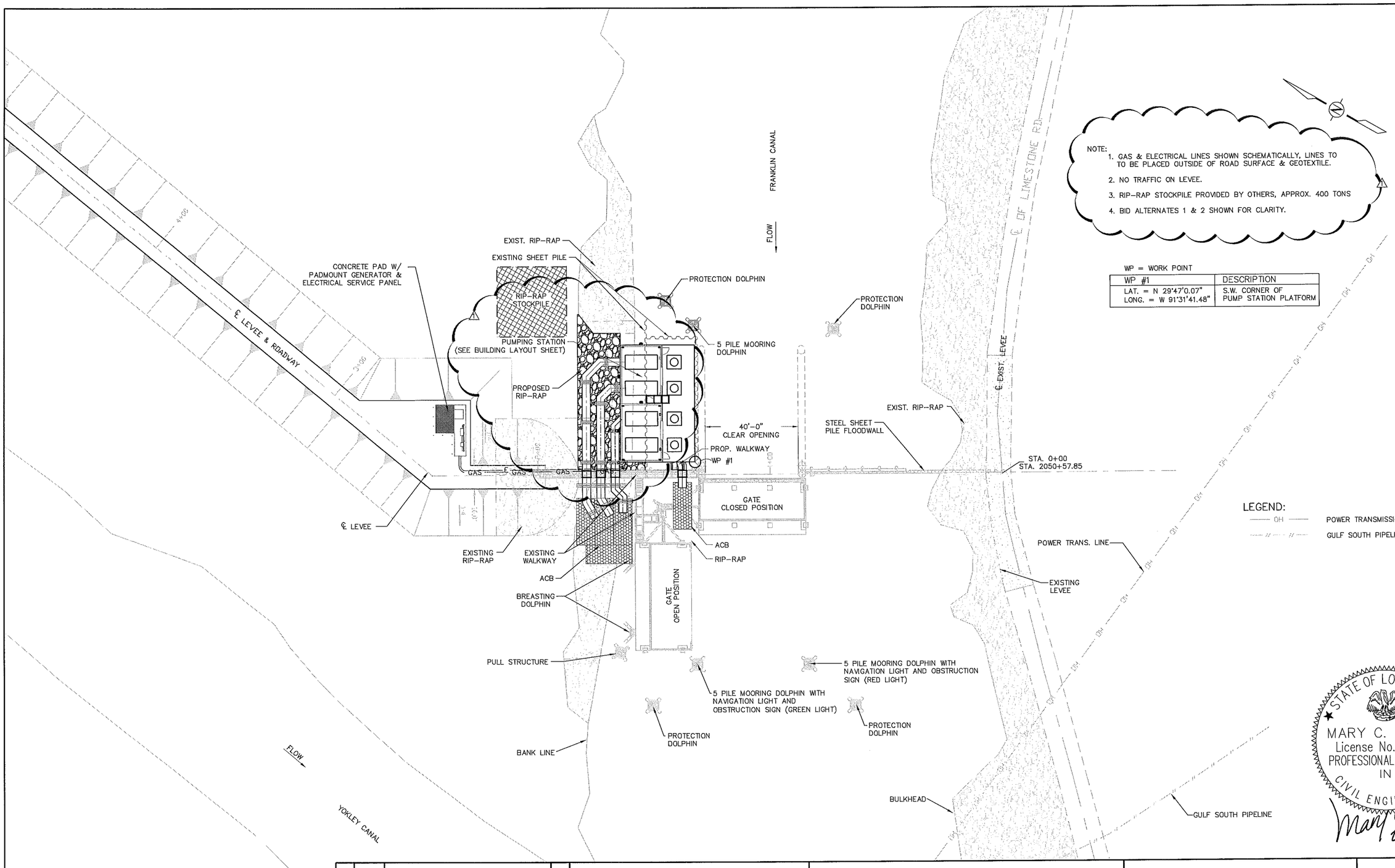
D. Spiral welded pipe shall be allowed for pipe piles.

V. NON - MANDATORY PRE-BID CONFERENCE ATTENDANCE RECORD

The Non-Mandatory Pre-bid Conference Attendance Record is attached.

VI. DAVIS BACON WAGE RATE SHEET

The updated Davis-Bacon wage sheet is attached.



NOTE:
1. GAS & ELECTRICAL LINES SHOWN SCHEMATICALLY, LINES TO TO BE PLACED OUTSIDE OF ROAD SURFACE & GEOTEXTILE.
2. NO TRAFFIC ON LEVEE.
3. RIP-RAP STOCKPILE PROVIDED BY OTHERS, APPROX. 400 TONS
4. BID ALTERNATES 1 & 2 SHOWN FOR CLARITY.

WP = WORK POINT

WP #1	DESCRIPTION
LAT. = N 29°47'0.07" LONG. = W 91°31'41.48"	S.W. CORNER OF PUMP STATION PLATFORM

LEGEND:
OH — POWER TRANSMISSION LINE
// — // — GULF SOUTH PIPELINE

STATE OF LOUISIANA
MARY C. DANKA
License No. 22424
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
27JUN2014

REV.	DATE	DESCRIPTION	BY
1	05/27/14	ADDENDUM 1	MCD
0	03/21/14	ISSUED FOR CONSTRUCTION	MCD

Shaw Environmental & Infrastructure, Inc.
(A CB&I COMPANY)
OFFICE LOCATIONS:
197 ELYSIAN DRIVE
HOUMA, LA. 70363
PHONE: 985.868.3434
4171 ESSEN LANE
BATON ROUGE, LA 70809
PHONE: 225.932.2758

COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

DRAWN BY: TOT
DESIGNED BY: MCD

PUMP STATION SITE PLAN

STATE PROJECT NUMBER: TV-52

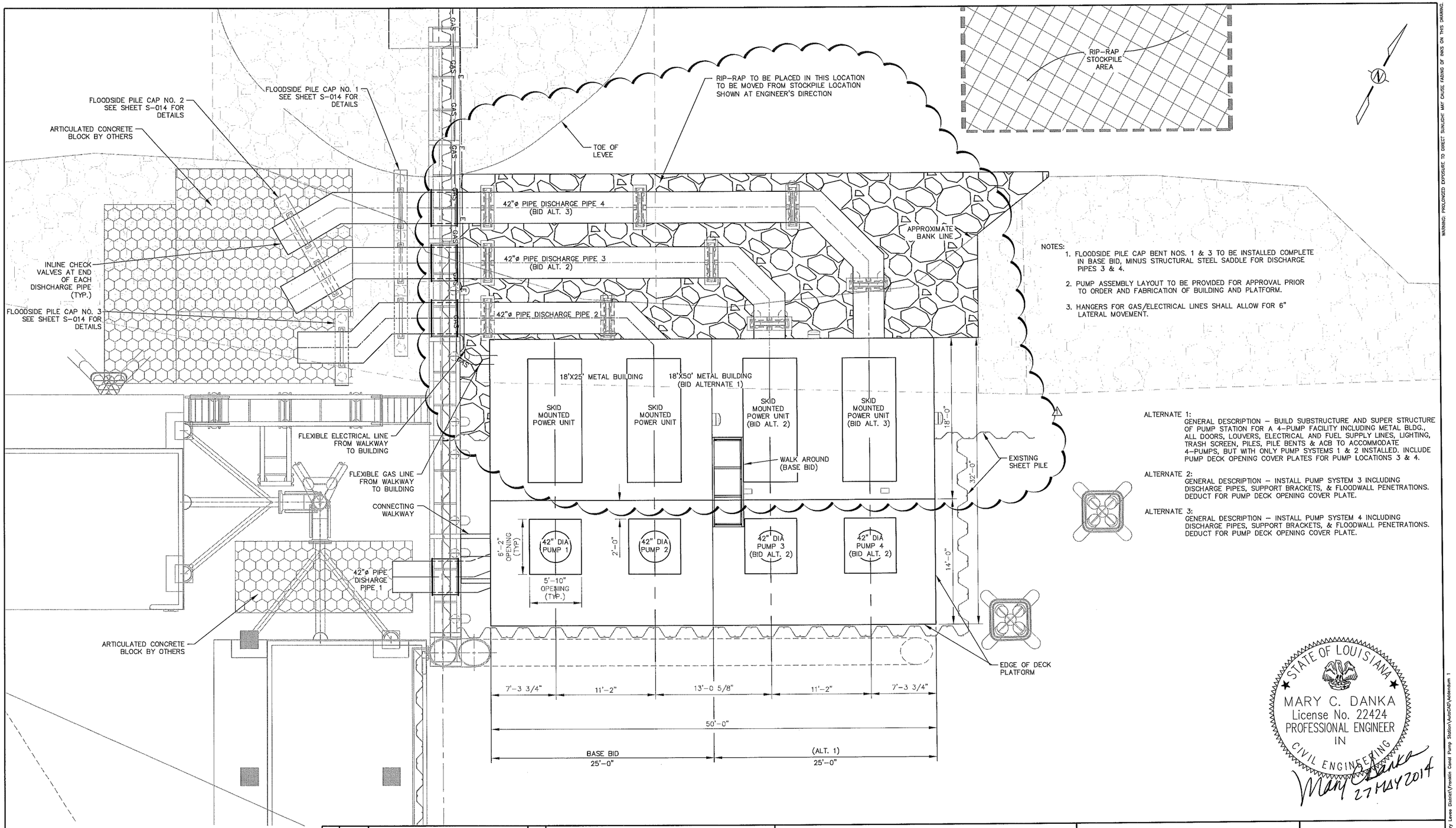
DATE: AUGUST 2013

APPROVED BY:

SHEET C-002

WARNING: PROLONGED EXPOSURE TO DIRECT SUNLIGHT MAY CAUSE FADING OF INKS ON THIS DRAWING.

P:\ENG\CLIENTS\St. Mary Parish\St. Mary Levee District\Franklin Canal Pump Station\Vol4\DP\Addendum 1



NOTES:

1. FLOODSIDE PILE CAP BENT NOS. 1 & 3 TO BE INSTALLED COMPLETE IN BASE BID, MINUS STRUCTURAL STEEL SADDLE FOR DISCHARGE PIPES 3 & 4.
2. PUMP ASSEMBLY LAYOUT TO BE PROVIDED FOR APPROVAL PRIOR TO ORDER AND FABRICATION OF BUILDING AND PLATFORM.
3. HANGERS FOR GAS/ELECTRICAL LINES SHALL ALLOW FOR 6" LATERAL MOVEMENT.

ALTERNATE 1:
GENERAL DESCRIPTION – BUILD SUBSTRUCTURE AND SUPER STRUCTURE OF PUMP STATION FOR A 4–PUMP FACILITY INCLUDING METAL BLDG., ALL DOORS, LOUVERS, ELECTRICAL AND FUEL SUPPLY LINES, LIGHTING, TRASH SCREEN, PILES, PILE BENTS & ACB TO ACCOMMODATE 4–PUMPS, BUT WITH ONLY PUMP SYSTEMS 1 & 2 INSTALLED. INCLUDE PUMP DECK OPENING COVER PLATES FOR PUMP LOCATIONS 3 & 4.

ALTERNATE 2:
GENERAL DESCRIPTION – INSTALL PUMP SYSTEM 3 INCLUDING DISCHARGE PIPES, SUPPORT BRACKETS, & FLOODWALL PENETRATIONS. DEDUCT FOR PUMP DECK OPENING COVER PLATE.

ALTERNATE 3:
GENERAL DESCRIPTION – INSTALL PUMP SYSTEM 4 INCLUDING DISCHARGE PIPES, SUPPORT BRACKETS, & FLOODWALL PENETRATIONS. DEDUCT FOR PUMP DECK OPENING COVER PLATE.

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DETAIL SITE PLAN

STATE PROJECT NUMBER: TV-52

DRAWN BY: TOT | DESIGNED BY: MCD | APPROVED BY:

DATE: AUGUST 2013

SHEET C-003

WARNING: PROLONGED EXPOSURE TO DIRECT SUNLIGHT MAY CAUSE FADING OF INKS ON THIS DRAWING.

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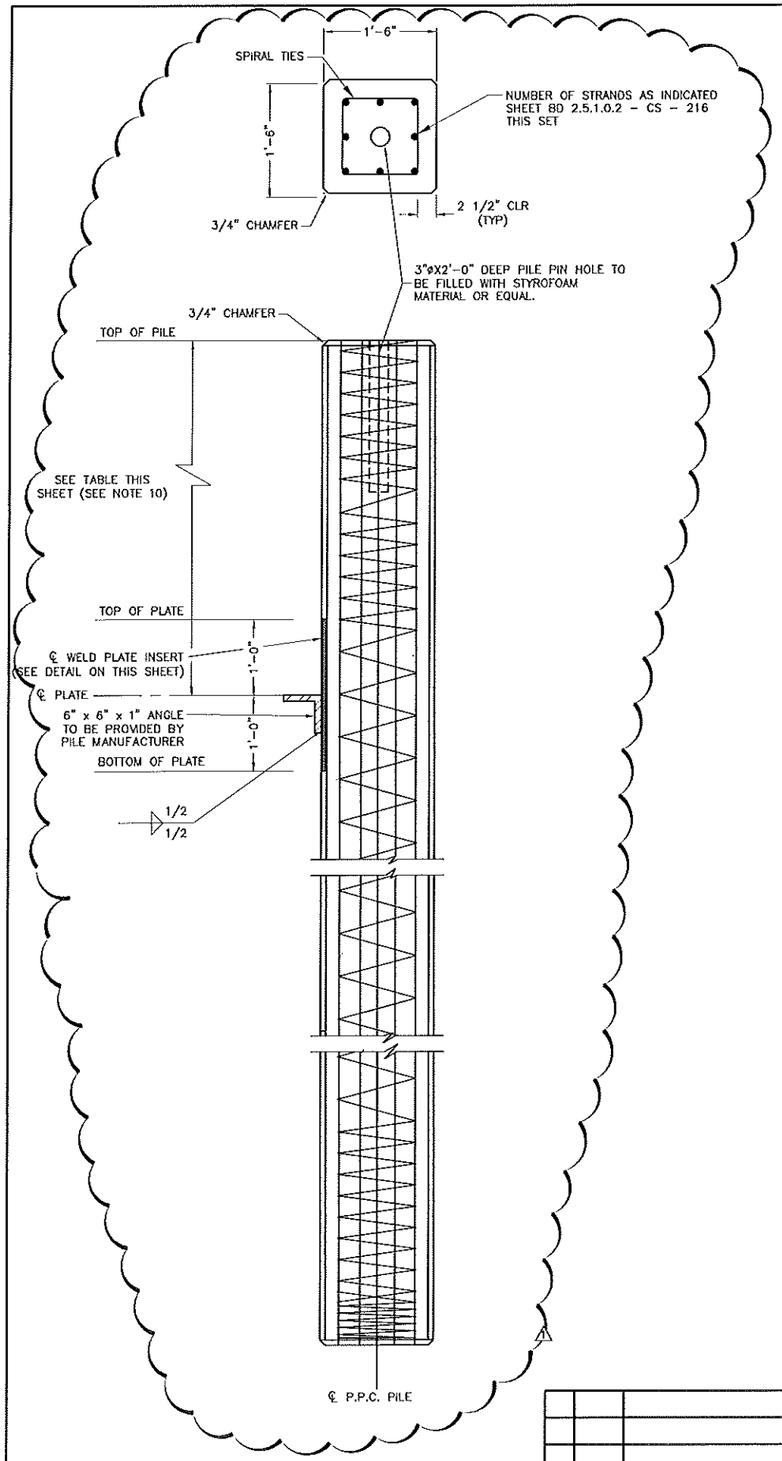
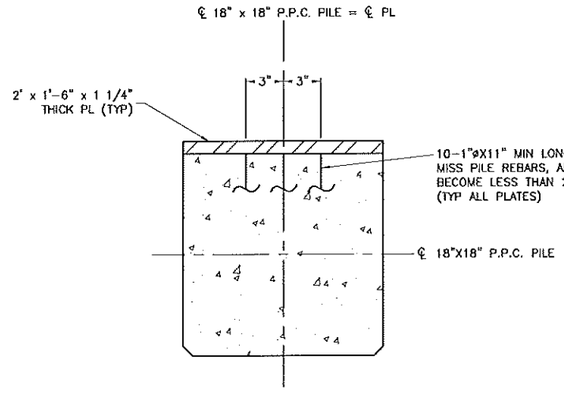


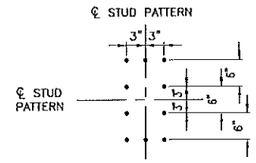
18"X18" PRESTRESSED PRECAST CONCRETE PILE

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



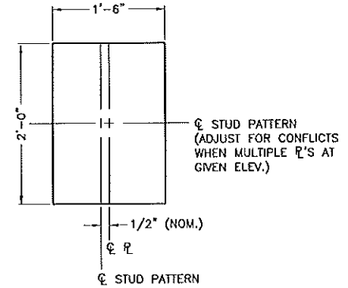
DETAIL-PILE WELD PLATES

SCALE: 2"=1'-0"



STUD PATTERN

SCALE: N.T.S.



WELD PLATE INSERT

SCALE: N.T.S.

PILE #	TRASH SCREEN PLATE ℄ DISTANCE TO TOP OF PILE (FT.)	SUPPORT PLATE DISTANCE TO TOP OF PILE (FT.)	
BS 113	N/A	4.987	
BS 117	N/A	4.987	
BS 120	N/A	4.987	
BW 110	N/A	6.817	
BW 111	N/A	4.987	
BW 113	4.917, 16.667 +	4.987	
BW 120	4.917, 16.667 *	N/A	
BZ 110	4.917, 16.667 *	6.817	
BZ 111	4.917, 16.667 *	N/A	
BZ 113	4.917, 16.667 *	N/A	
BZ 117	4.917, 16.667 *	N/A	BID ALT. 1 LOCATION
BZ 120	4.917, 16.667 *	N/A	BID ALT. 1 LOCATION

* DENOTES PLATES TO INCLUDE 6"x6"x1" ANGLE
+ BASE BID ONLY
SEE SHEET S-005 FOR ℄ LOCATIONS & NUMBER

PILE SCHEDULE	
PILE ULTIMATE CAPACITY	
TENSION	COMPRESSION
98 TONS	152 TONS

NOTES:
1. THIS SHEET TO BE USED FOR EMBEDMENT DETAILS ONLY. FOR PILE FABRICATION DETAILS SEE LADOTD STANDARD DETAIL SHEET BD 2.5.1.0.2-CS-216.
2. STEEL WELD-PLATE SHALL BE ASTM A572-GRADE 60.
3. STUD MATERIAL SHALL BE ASTM A193 GR_B7, 125 KSI OR F1554, GR_105 OR APPROVED EQUAL.
4. STRUCTURAL STEEL ANGLE AND WELD PLATE INSERTS TO BE HOT DIP GALVANIZED STEEL.
5. REFER TO SHEET S-016 FOR WELD PLATE LOCATIONS.

1' 0' 1' 2' 3'
SCALE: 1/2"=1'-0"

6" 0' 6" 1' 1'-6"
SCALE: 1"=1'-0"

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DRAWN BY: TOT | DESIGNED BY: MCD

PRECAST PRESTRESSED PILES SECTIONS & DETAILS

STATE PROJECT NUMBER: TV-52

DATE: AUGUST 2013

APPROVED BY:

SHEET S-004

WARNING: PROLONGED EXPOSURE TO DIRECT SUNLIGHT MAY CAUSE FADING OF INKS ON THIS DRAWING.

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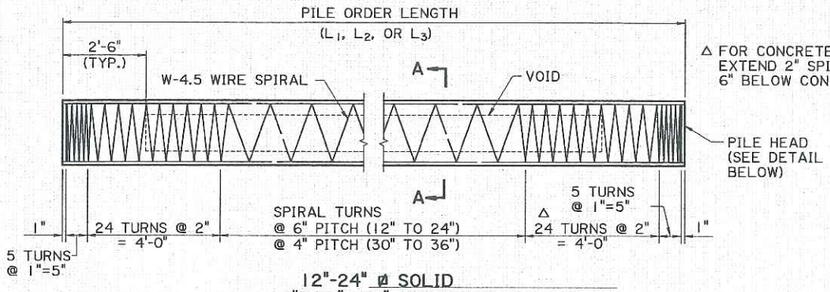
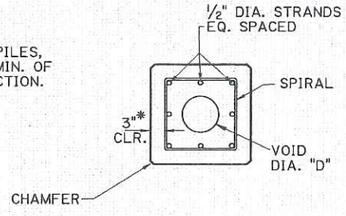


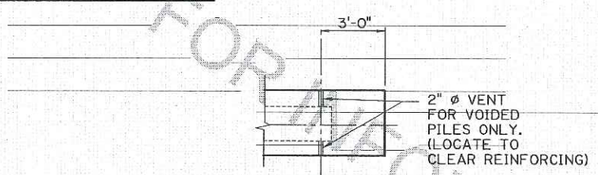
△ FOR CONCRETE FILLED VOIDED PILES, EXTEND 2" SPIRAL PITCH TO A MIN. OF 6" BELOW CONCRETE FILLED SECTION.

12"-24" ø SOLID
24", 30", 36" ø VOIDED
PRECAST-PRESTRESSED CONCRETE PILES



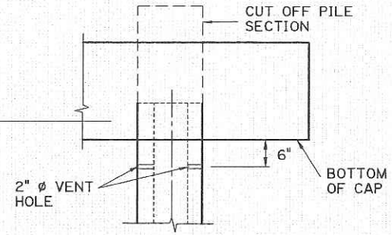
SECTION A-A

* 2" FOR 12" & 14" PILE SIZE.
CLEARANCES MEASURED AT CENTER LINE OF PILE.



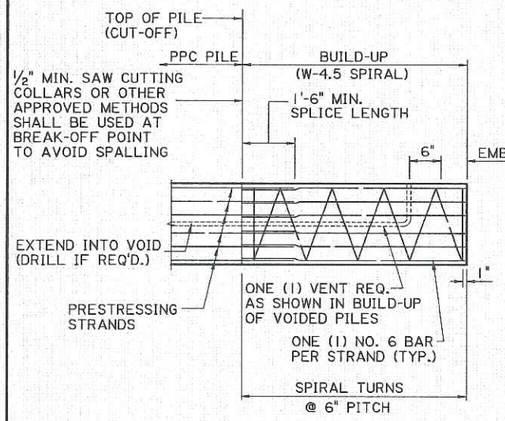
AS FABRICATED PILE HEAD DETAIL

NOTE: VENTS REQUIRED AT PILE HEAD ONLY



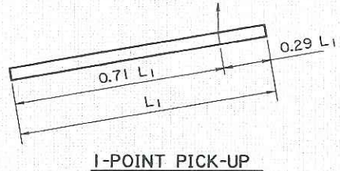
CUT OFF PILE HEAD DETAIL

(VOIDED PILES ONLY)

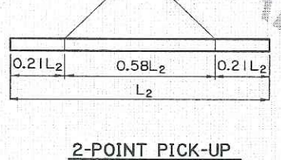


TYP. BUILD-UP WHERE REDRIVING IS NOT REQUIRED

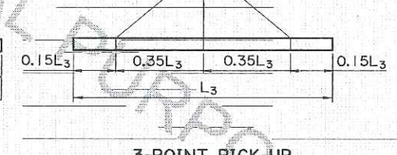
(WHERE REDRIVING IS REQUIRED PILE BUILD-UP IS NOT ALLOWED)



1-POINT PICK-UP



2-POINT PICK-UP



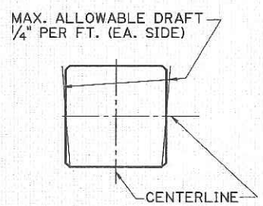
3-POINT PICK-UP

PICK-UP DETAILS

2 POINT PICK-UP SHALL TAKE PRECEDENCE OVER 3 POINT PICK-UP WHERE APPLICABLE.

PILE INFORMATION

PILE SIZE (in.)	SECTION PROPERTIES					SQUARE SPIRAL LAYOUTS				
	VOID "d" (in.)	AREA (in.²)	SECTION MODULUS (in.³)	WEIGHT PER FOOT (lb/ft)	CHAMFER (in.)	NO. OF STRANDS	PRESTRESS IN CONCRETE (psi)		MAX. CASTING LENGTH (ft)		
							AT RELEASE	AT 90 DAYS	L_1	L_2	L_3
12 SOLID	0	144	288	150	¾"	4	830	774	53.7	76.1	108.6
14 SOLID	0	196	457	204	¾"	8	1203	1116	66.0	93.4	133.4
16 SOLID	0	256	683	267	¾"	12	1373	1273	67.6	95.7	136.7
18 SOLID	0	324	972	338	¾"	12	1096	1026	72.6	102.7	146.7
20 SOLID	0	400	1333	417	1½"	16	1180	1106	78.7	111.3	159.0
24 SOLID	0	576	2304	600	1½"	24	1227	1154	86.7	122.7	175.2
24 VOIDED	10.5	489	2254	510	1½"	20	1204	1119	92.9	131.4	187.7
30 VOIDED	16.5	686	4257	715	1½"	28	1203	1120	107.8	152.6	217.9
36 VOIDED	22.5	898	7077	936	1½"	36	1182	1102	120.8	170.9	244.1



DRAFT DETAIL

GENERAL NOTES

CONCRETE IN PILE: THE CONTRACTOR SHALL DESIGN AND SUBMIT FOR APPROVAL A CLASS P(M) CONCRETE MIX WITH MINIMUM COMPRESSIVE CYLINDER STRENGTH OF 6000 psi AT 28 DAYS. CONCRETE STRENGTH AT THE TIME OF TRANSFER OF PRESTRESSED FORCE SHALL BE 4500 psi OR GREATER.

CONCRETE IN BUILD-UP: BUILD-UP CONCRETE SHALL MEET OR EXCEED THE CONCRETE DESIGN REQUIREMENTS OF THE ORIGINAL PILE. BUILT-UP CONCRETE NOT MEETING THE ABOVE REQUIREMENTS SHALL BE REMOVED AND REPLACED AT NO DIRECT PAY.

PRESTRESSING STEEL: PRETENSIONED REINFORCEMENT SHALL BE ½" DIA. SEVEN-WIRE, UNCOATED LOW-RELAXATION, GRADE 270 AND SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M203. AN INITIAL TENSION OF 30,980 LBS. SHALL BE APPLIED TO EACH STRAND.

DEFORMED REINFORCING STEEL: REINFORCING STEEL SHALL BE DEFORMED BILLET STEEL BARS, GRADE 60 AND SHALL MEET THE REQUIREMENTS OF AASHTO M31.

SPIRAL REINFORCING STEEL: SPIRAL REINFORCEMENT SHALL BE SIZE W-4.5 COLD-DRAWN STEEL WIRE AND SHALL CONFORM TO AASHTO M 32M.

FABRICATION TOLERANCES: MANUFACTURE OF THE PILING AND FABRICATION TOLERANCES SHALL BE IN ACCORDANCE WITH THE "MANUAL FOR QUALITY CONTROL FOR PLANTS AND PRODUCTION OF STRUCTURAL PRECAST CONCRETE PRODUCTS (MNL-116, LATEST EDITION)" PUBLISHED BY PCI.

CHAMFERS AND CORNERS: ON PILES 18" ø OR SMALLER, ALL EXPOSED CONCRETE CORNERS ARE TO HAVE ¾" CHAMFERS. ON PILES 20" ø OR LARGER, ALL EXPOSED CONCRETE CORNERS ARE TO HAVE 1½" CHAMFERS. A 1" RADIUS CURVE WILL BE PERMITTED IN LIEU OF CHAMFERS SHOWN ABOVE. HOWEVER, ALL PILES FURNISHED SHALL BE OF THE SAME CONFIGURATION.

PICK-UP AND HANDLING: LOADING CRITERIA ARE BASED ON CAREFUL HANDLING OF THE PILE. ROTATION OF THE PILE IN THE SLING IS TO BE PREVENTED UNTIL THE PILE IS IN THE VERTICAL POSITION. PICK-UP POINTS FOR ALL PILES ARE TO BE CLEARLY MARKED ON PILES. SUPPORTS FOR STORAGE SHALL BE AT PICK-UP POINTS (FOR 1-POINT PICK-UP USE SUPPORT 0.29L, FROM EACH END). PILES WILL BE MADE AT A CENTRAL PLANT AND BE TRANSPORTED TO THE BRIDGE SITE. ALL PRESTRESSED PILING SHALL BE HELD AT THE PLANT FOR 14 DAYS AFTER CASTING, PROVIDING THE COMPRESSIVE STRENGTH OF 6000 psi HAS BEEN ATTAINED. PICK-UP POINTS SHOWN MAY BE MODIFIED FOR TRANSPORTATION PURPOSES, PROVIDED THE PILE STRESSES ARE IN ACCORDANCE WITH DESIGN CRITERIA. THE MODIFIED PICK-UP POINTS SHALL BE SENT TO THE BRIDGE DESIGN ENGINEER FOR REVIEW. ALL EMBEDDED LIFTING LOOPS SHALL BE PROVIDED WITH 2" DEEP FOAM BLOCKOUTS. PRIOR TO TRANSPORT, LIFTING LOOPS SHALL BE REMOVED TO PROVIDE 2" MINIMUM CLEAR COVER. THE REMAINING CAVITIES SHALL BE CLEANED OF ALL SLAG AND LOOSE MATERIAL, AND THEN FILLED WITH A PATCHING MATERIAL FROM QPL NO. 49. THE PATCHING MATERIAL MUST MEET OR EXCEED PILE CONCRETE REQUIREMENTS FOR STRENGTH AND PERMEABILITY.

VENT HOLES: FOR VOIDED PILES THAT REQUIRE BUILD-UP OR CUT-OFF, THE 2" ø VENT HOLES SHALL BE RE-ESTABLISHED AT 6" BELOW THE BOTTOM OF THE BENT CAP.

SHOP DRAWINGS: ANY DEVIATION FROM THE DETAILS SHOWN ON THIS SHEET, OR ANY DESIGN CHANGES MADE TO PILES, SHALL REQUIRE SHOP DRAWINGS TO BE SUBMITTED TO THE BRIDGE DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

PRESTRESS LOSSES: BASED ON "RECOMMENDATION FOR ESTIMATING PRESTRESSED LOSSES" PCI JOURNAL VOL. 20 JULY/AUGUST, 1975. PERCENT OF ULTIMATE SHRINKAGE EQUAL TO 31% AND 62% FOR 14 DAYS AND 90 DAYS RESPECTIVELY. PERCENT ULTIMATE CREEP EQUAL TO 26% AND 51% FOR 14 DAYS AND 90 DAYS RESPECTIVELY.

ALLOWABLE STRESSES: THE MAXIMUM LENGTHS FOR PICK-UP HAVE BEEN DETERMINED USING THE FOLLOWING ALLOWABLE STRESS (2007 AASHTO LRFD BRIDGE SPECS. 5.9.4.2.1, 5.9.4.2.2 & 5.13.4.4.3) AT BOTH 14 DAYS AND 90 DAYS.

ALLOWABLE TENSILE STRESS (ksi): $0.19\sqrt{f'_c}$
ALLOWABLE COMPRESSIVE STRESS (ksi): $0.45f'_c$
IMPACT FACTOR: 1.5
MIN. FINAL COMPRESSIVE STRESS: 0.7 ksi

DETAILS THIS SHEET NOT TO SCALE

STATE OF LOUISIANA
JENAN NAKHLEH
REG. No. 18692
REGISTERED PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
8/9/2011

SHEET NUMBER

PARISH	FEDERAL PROJECT	STATE PROJECT
DESIGNED J. NAKHLEH CHECKED P. FOSSIER	DETAILED D. HYMEL CHECKED J. NAKHLEH	DATE 8/03/2011 SHEET 2 OF 2

NO.	REVISION DESCRIPTION	BY	DATE

PRECAST-PRESTRESSED CONCRETE PILES
12, 14, 16, 18, 20 AND 24 INCH SOLID
24, 30 AND 36 INCH VOIDED
CLASS P(M) CONCRETE

STANDARD DETAIL BD 2.5.1.02 - CS-216

BRIDGE AND STRUCTURAL DESIGN

SCOPE OF WORK

1. CONTRACTOR WILL VISIT THE SITE PRIOR TO BID AND REVIEW THE PLANS & SPECIFICATIONS OF THE WORK AT THE PUMP STATION SITE.

UTILITIES

1. LOCATION OF UTILITIES INDICATED ON THE PLAN SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE BASED, IN PART, ON INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES BEFORE STARTING CONSTRUCTION.
3. CONTRACTOR SHALL CONTACT OWNER OF ALL AFFECTED UTILITY COMPANIES AT LEAST THREE (3) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION AROUND THEIR RESPECTIVE UTILITIES:
   a) LOUISIANA ONE-CALL: 1-800-272-3020
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, SCHEDULING, AND NOTICES TO UTILITY OWNERS.
5. EXISTING UTILITIES SHALL BE RELOCATED BY UTILITY OWNER IF NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE RESPECTIVE UTILITY COMPANIES FOR THE REMOVAL OR RELOCATION OF THE EXISTING UTILITIES WHICH INTERFERE WITH THE WORK.
6. ALL WORK CONDUCTED NEAR HIGH VOLTAGE POWER LINES SHALL BE IN ACCORDANCE WITH EM385-1-1, OSHA AND ELECTRIC UTILITY REQUIREMENTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES WHICH OCCURS DURING CONSTRUCTION AND SHALL IMMEDIATELY REPORT ANY DAMAGE TO THE UTILITY ENTITIES. ALL REPAIRS OF THE DAMAGED UTILITIES SHALL BE DONE BY THE RESPECTIVE UTILITY ENTITY. ALL REPAIR COSTS SHALL BE BORNE BY THE CONTRACTOR.

MATERIALS:

1. ALL NECESSARY MATERIALS FOR COMPLETION OF THIS PROJECT TO BE FURNISHED BY THE CONTRACTOR.

INSTALLATION:

1. INSTALLATION SHALL BE IN ACCORDANCE WITH THE INTENT OF THE CONTRACT DRAWINGS AND SPECIFICATIONS.
2. GUIDE TEMPLATE PILING AND TIMBERS SHALL BE FURNISHED BY CONTRACTOR AT NO DIRECT PAY TO INSURE PLACEMENT OF PILES WITHIN TOLERANCE.
3. GUIDE TEMPLATE PILINGS SHALL BE CUT AND REMOVED 1'-0" BELOW MUD LINE AT CONTRACTOR'S EXPENSE IF WITHIN 2.5 X DIAMETER CLEAR OF EXISTING AND PROPOSED STEEL PIPE PILES 10' CLEAR OF PROPOSED CAISSONS FOR RECEIVING STRUCTURE, AND 2 X DIAMETER CLEAR OF PPC PILES.
4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION. ENGINEER MAY PROHIBIT ANY MEANS AND METHODS THAT IN THE ENGINEER'S OPINION COMPROMISE THE COMPLETED PROJECT.
5. CONTRACTOR SHALL MAKE ALL ATTEMPTS POSSIBLE TO MINIMIZE THE CLOSURE OF CANALS TO MARINE TRAFFIC. ANY CLOSURE OF CANALS MUST BE COORDINATED IN ADVANCE WITH THE ENGINEER, SURFACE LEASE HOLDERS & U.S.C.G.
6. CONTRACTOR TO MAINTAIN 20 FT. NAVIGABLE CLEAR OPENING AT ALL TIMES

GENERAL NOTES:

1. CONTRACTOR SHALL VISIT THE SITE PRIOR TO THE START OF CONSTRUCTION AND COMPLETELY INFORM HIMSELF RELATIVE TO THE EXISTING CONDITIONS.
2. ALL ELEVATIONS ARE GIVEN IN FEET AND REFER TO NORTH AMERICAN VERTICAL DATUM (NAVD 88).
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, EXISTING ELEVATIONS AND CONDITIONS ON THE PLANS PRIOR TO ORDERING MATERIAL, COMMENCEMENT OF CONSTRUCTION, AND PREPARATION OF SHOP DRAWINGS. THE ENGINEER SHALL BE NOTIFIED OF ALL DISCREPANCIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY(S) REQUIRED FOR PROJECT DIMENSION CONTROL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS AND GRADES PRIOR TO BEGINNING OF CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE PROJECT CENTERLINE AND ADDITIONAL TEMPORARY BENCH MARKS FOR CONSTRUCTION PURPOSES.
6. THE LINES AND GRADES SHOWN ON THE PLANS MAY BE VARIED SLIGHTLY BY THE ENGINEER IN THE FIELD IF CONDITIONS JUSTIFY SUCH A VARIATION. THE CONTRACTOR SHALL NOT BE ENTITLED TO AN EXTRA PAYMENT OTHER THAN WHATEVER INCREASE IN CONTRACT QUANTITIES IS INVOLVED.
7. DIMENSIONS AND/OR ELEVATIONS MARKED (+/-) ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ACTUAL DIMENSIONS IN THE FIELD.
8. DIMENSIONS AND/OR ELEVATIONS MARKED THUS (N.T.S.) ARE NOT SHOWN TO SCALE.
9. THE CONTRACTOR SHALL MAKE HIS OWN INTERPRETATION OF THE CHARACTER AND CONDITION OF THE MATERIALS WHICH WILL BE ENCOUNTERED ELSEWHERE FROM THE BORING AND CONE PENETROMETER TESTS LOCATIONS. THE CONTRACTOR, AT HIS OWN EXPENSE, MAY MAKE ADDITIONAL SURVEYS AND INVESTIGATION AS HE DEEMS NECESSARY TO DETERMINE CONDITIONS WHICH WILL AFFECT THE PERFORMANCE OF THE WORK.
10. THE CONTRACTOR SHALL DESIGN AND PROVIDE ANY REQUIRED EXCAVATIONS, COFFERDAMS, AND DEWATERING SYSTEMS THAT ARE ALLOWED BY THE ENGINEER. DESIGN TO BE STAMPED BY A PROFESSIONAL ENGINEER IN THE STATE OF LOUISIANA AND TO BE APPROVED BY OWNER'S ENGINEER
11. ITEMS OR FEATURES NOTED AS "EXISTING" ON DRAWINGS MAY OR MAY NOT BE EXISTING.
12. OWNER RESERVES THE RIGHT TO ACCESS AND INSPECT ALL WORK INCLUDING NON DESTRUCTIVE TESTING ON WELDS.

DESIGN NOTES

1. DESIGN SPECIFICATIONS: STRUCTURAL DESIGN IS IN ACCORDANCE WITH "2006 INTER-NATIONAL BUILDING CODE", ACI 318-08/318R-08 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", AND AISC "MANUAL OF STEEL CONSTRUCTION", THIRTEENTH EDITION ALLOWABLE STRESS DESIGN.
2. DESIGN CRITERIA: STRUCTURAL STEEL MEMBERS AND CONNECTIONS ARE DESIGNED BY ALLOWABLE STRESS DESIGN METHOD. STRUCTURAL CONCRETE MEMBERS ARE DESIGNED BY STRENGTH DESIGN METHOD.
3. DESIGN WIND SPEED 140 MPH.

STEEL NOTES:

1. a.) ALL STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED.
   b.) HSS TUBE SHALL CONFORM TO ASTM A500 GR. B.
   c.) W SHAPES - ASTM A992, Fy=50 ksi.
   CHANNELS, ANGLES, AND PLATES UNLESS NOTED OTHERWISE - ASTM A36, Fy=36 ksi.
   ROUND STRUCTURAL TUBES AND STEEL PILES SHALL BE STRUCTURAL PIPE OR FABRICATED FROM STRUCTURAL PLATE. SEAMLESS OR WELDED PIPE, WITH LONGITUDINAL WELDS AND CIRCUMFERENTIAL BUTT WELDS, SHALL CONFORM TO ONE OF THE FOLLOWING -
   1. API 5L PSL 1 GRADE X42, Fy=42 ksi.
   2. ASTM A500 GRADE B (ROUND) Fy=42 ksi.

   FABRICATED PIPE SHALL BE FABRICATED FROM ONE OF THE FOLLOWING PLATES -
   1. ASTM A572 GRADE 42, Fy=42 ksi.
   2. API SPEC 2H GRADE 42, Fy=42 ksi.
   3. ASTM A633 GRADE A, Fy=42 ksi.

   FABRICATED STRUCTURAL PIPE SHALL BE FABRICATED IN ACCORDANCE WITH API SPEC 2B. HYDROSTATIC TESTING MAY BE OMITTED.

   PIPE 12" DIAMETER OR SMALLER SHALL BE ASTM A53 GRADE B, Fy=35 ksi.

   STEEL SHEET PILE HOT ROLLED - ASTM A572 GR 50, Fy=50 ksi.

   d.) BOLTS IN STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO ASTM A325, UNLESS NOTED OTHERWISE.
   e.) TIMBER PILE BOLTS SHALL CONFORM TO ASTM A307 (GALVANIZED), UNLESS OTHERWISE NOTED. TIMBER PILE WASHERS FOR BOLTS SHALL CONFORM TO CAST OGEE GRAY IRON HOT DIPPED GALVANIZED.
2. ALL LIFTING HOLES IN STEEL SHEET PILE TO BE FILLED WITH 3/8" PLATE. (STABBING HOLES IN PERMANENT SECTIONS OF PIPE PILES NOT ALLOWED)
3. DIMENSIONS SHOWN OR CALLED FOR ARE FINAL DIMENSIONS: ALLOWANCES MUST BE MADE FOR MACHINING.
4. TO PREVENT CORROSION BY MOISTURE BETWEEN STEEL SURFACES IN CONTACT, ALL SUCH CONTACTS SHALL BE SEALED WATERTIGHT BY RUNNING A CONTINUOUS 1/8" FILLET WELD ALONG ALL EDGES OF THE CONTACT, UNLESS OTHERWISE NOTED. (DOES NOT INCLUDE PLATED EDGES OR MEMBER ENDS).
5. ALL WELDING SHALL BE ELECTRIC WELDING. WORKMANSHIP AND TECHNIQUE, WHERE APPLICABLE, SHALL CONFORM TO THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE AWS D1.1 OR LATEST VERSION THEREOF, UNLESS OTHERWISE NOTED.
6. WELDING SYMBOLS SHOWN ARE THOSE ADOPTED BY THE AMERICAN WELDING SOCIETY AND INDICATE ONLY SIZE AND TYPE OF WELDS REQUIRED. DETAILED INFORMATION SHALL BE SHOWN ON THE SHOP DRAWINGS AND SUBMITTED BY THE CONTRACTOR FOR APPROVAL.
7. ANCHOR RODS, CONCRETE ANCHORS, CONCRETE BRACKETS, WASHERS, AND NUTS SHALL BE HOT DIPPED GALVANIZED (AFTER FABRICATION) AS PER ASTM A153.
8. STRUCTURAL STEEL FABRICATION AND ERECTION SHALL CONFORM TO THE A.I.S.C. MANUAL OF STEEL CONSTRUCTION 13th EDITION AND API RP2A-WSD. UNLESS NOTED OTHERWISE.
9. CONNECTIONS SHALL BE SHOP WELDED UNLESS NOTED OTHERWISE.
10. ALL MISCELLANEOUS HARDWARE WHICH IS SPECIFIED TO BE GALVANIZED SHALL BE COATED IN ACCORDANCE WITH ASTM A-153, AFTER FABRICATION. DAMAGED GALVANIZED COATS THAT ARE NOT TO BE EMBEDDED IN MORE THAN THREE (3) INCHES OF CONCRETE SHALL BE REPAIRED WITH COLD APPLIED, ZINC RICH, ORGANIC PAINT, OR OTHER APPROVED METHOD OF REPAIR.
11. CONTRACTOR TO PROVIDE PREQUALIFIED FULL PENETRATION BUTT JOINT WELDS TO SPLICE WALKWAY SUPPORT BEAMS & FRAMING.

PRE-CAST PRE-STRESSED CONCRETE

1. PRE-CAST AND PRE-CAST PRE-STRESSED CONCRETE WILL PERFORM TO SATISFY BOTH STRENGTH AND SERVICEABILITY REQUIREMENTS SET FORTH BY AMERICAN CONCRETE INSTITUTE ACI-318, AND THE PRESTRESSED CONCRETE INSTITUTE FOR PRE-CAST CONCRETE.

CATHODIC PROTECTION:

1. NATURAL GAS DISTRIBUTION LINE WILL BE PROTECTED AGAINST GALVANIC CORROSION BY UTILIZING PASSIVE TYPE CATHODIC PROTECTION. DESIGN OF CATHODIC PROTECTION MUST COMPLY WITH ESTABLISHED STANDARDS AND TECHNIQUES.

PILING NOTES:

1. SEE STRUCTURAL DRAWINGS FOR THE FOLLOWING:
   A. PILE CUTOFF ELEVATION
   B. TIP ELEVATION
   C. DESIGN CAPACITY
2. PILE REQUIREMENTS FOR SIZE, TYPE AND MAXIMUM DESIGN LOADS REQUIREMENTS SHALL BE AS DESCRIBED ON THE PLANS AND IN THE SPECIFICATIONS.
3. CONTRACTOR SHALL PROBE AT PILE LOCATIONS TO ENSURE THERE ARE NO SUBSURFACE OBSTRUCTIONS. REMOVAL OF OBSTRUCTIONS AT NO DIRECT PAY.
4. TOLERANCES - P.P.C. PILES
   VERTICAL PLUS 0, MINUS 1 INCH
   LATERAL 1/2 INCH
   STEEL PIPE PILES
   VERTICAL PLUS 0, MINUS 1/2 INCH
   LATERAL ± 2 INCH

REINFORCEMENT EMBEDMENT AND SPLICE NOTES:

1. USE THE BASIC TABLE IF ALL OF THE FOLLOWING CONDITIONS ARE MET:
   A) CENTER TO CENTER BAR SPACING LATERALLY IS AT LEAST 4 BAR DIAMETERS
   B) CONCRETE COVER IS AT LEAST 2 BAR DIAMETERS, AND
   C) EDGE DISTANCE TO THE FIRST BAR IN A LAYER IS AT LEAST 2 BAR DIAMETERS.
2. THE ALTERNATE TABLE MAY BE USED IF ALL OF THE FOLLOWING CONDITIONS ARE MET:
   A) CENTER TO CENTER BAR SPACING LATERALLY IS AT LEAST 6 BAR DIAMETERS
   B) CONCRETE COVER IS AT LEAST 2 BAR DIAMETERS, AND
   C) EDGE DISTANCE TO THE FIRST BAR IN A LAYER IS AT LEAST 2.5 BAR DIAMETERS.
3. IF CONCRETE COVER OR EDGE DISTANCE IS LESS THAN 2 BAR DIAMETERS OR THE CENTER TO CENTER BAR SPACING LATERALLY IS LESS THAN 4 DIAMETERS, SEE ACI 318 FOR APPROPRIATE GUIDANCE.
4. TOP BARS ARE HORIZONTAL BARS AND BARS INCLINED LESS THAN 45 DEGREES WITH RESPECT TO A HORIZONTAL PLANE WHICH ARE PLACED SUCH THAT MORE THAN 12 INCHES OF CONCRETE IS CAST IN THE MEMBER BELOW THE BAR.
5. THE TABLE SHOWN BELOW 15 FOR NORMAL WEIGHT CONCRETE AND UNCOATED REINFORCING BARS. IF EPOXY COATED BARS ARE USED, SEE ACI 318 FOR ADDITIONAL CONSIDERATIONS.

REINFORCEMENT EMBEDMENT AND SPLICE TABLE

BAR SIZE	BASIC TABLE				ALTERNATE TABLE			
	MINIMUM EMBEDMENT LENGTH, INCHES		MINIMUM LAP LENGTH INCHES		MINIMUM EMBEDMENT LENGTH, INCHES		MINIMUM LAP LENGTH INCHES	
	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER
5	27	21	35	27	27	21	35	27
6	32	25	42	32	32	25	42	32
7	37	29	49	37	37	29	49	37
8	45	35	59	45	43	33	56	43
9	57	44	74	57	48	37	63	48

PAINT SPECIFICATIONS:

1. PAINT STRUCTURAL STEEL ENTIRE EXPOSED SURFACE AREA AS REQUIRED IN SPECIFICATIONS.
2. STEEL REQUIRING PAINT TO BE "SHOP" PAINTED PRIOR TO INSTALLATION.
3. REQUIRED FABRICATION TO BE COORDINATED WITH BLASTING AND PAINTING TO AVOID DAMAGE TO COATINGS.
4. CONTRACTOR TO BLAST AND PAINT ALL SURFACES WITH DAMAGE TO COATINGS ABOVE THE WATERLINE AFTER FABRICATION IS COMPLETED.
5. PAINT SYSTEM: REFER TO TECHNICAL SPECIFICATIONS.

CONCRETE NOTES:

1. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH (f'c) OF 4000 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED. PRECAST CONCRETE DECK f'c=5000 PSI, PPC PILES IS 6000 PSI.
2. ALL REINFORCING STEEL SHALL BE ASTM A-615, UNLESS OTHERWISE NOTED.
3. REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH (Fy) OF 60,000 PSI.
4. CONSTRUCTION JOINTS SHALL BE PROVIDED WHERE SHOWN.
5. UNLESS OTHERWISE NOTED, PROVIDE 3/4" CHAMFER AT ALL EXPOSED JOINTS, EDGES, EXTERNAL CORNERS, AND VERTICAL EXPANSION JOINTS.
6. ALL REINFORCEMENT SHALL HAVE A MINIMUM COVER OF 3" UNLESS OTHERWISE NOTED.
7. ALL BENDS OF REINFORCEMENT AND ALL BAR SPACERS AND SUPPORTS SHALL BE IN ACCORDANCE WITH ACI SP-66 (AMERICAN CONCRETE INSTITUTE DETAILING MANUAL - LATEST EDITION).
8. REINFORCING BAR DESIGNATION NUMBERS CONFORM TO THE NUMBERING SYSTEM OF THE CONCRETE REINFORCING STEEL INSTITUTE.
9. REINFORCING BARS SHALL BE CONTINUOUS AT ALL CORNERS UNLESS OTHERWISE NOTED.
10. THE EMBEDMENT AND SPLICE TABLE, SHALL BE USED IN DETERMINING LAP SPLICES AND EMBEDMENT LENGTHS WHERE LENGTHS ARE NOT OTHERWISE INDICATED. SPLICE LENGTHS SHALL BE BASED ON THE SMALLER BAR BEING LAPPED. THE CONTRACTOR WILL BE ALLOWED TO MAKE SPLICES IN ADDITION TO THOSE INDICATED IN THE DRAWINGS, WHERE ESSENTIAL TO CONSTRUCTABILITY, SUBJECT TO APPROVAL BY THE ENGINEER. SPLICES OTHER THAN THOSE SHOWN ON THE DRAWING AND OTHER THAN ANY ADDITIONAL SPLICES REQUIRED BY THE ENGINEER WILL BE AT THE CONTRACTOR'S EXPENSE.
11. MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS" ACI-301-05.
12. REINFORCING DETAILS SHALL CONFORM WITH "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" ACI-315-99.
13. PROVIDE ALL BARS, CHAIRS, ACCESSORIES, ETC. REQUIRED TO MAINTAIN ALL REINFORCING IN PROPER LOCATION AND ORIENTATION.
14. WHERE CONTINUOUS REINFORCING IS DESIGNATED (UNLESS NOTED OTHERWISE), LAP BARS WITH FULL TENSION LAP SPLICES, AT NON-CONTINUOUS ENDS OF ALL BEAMS AND SLAB, PROVIDE ACI 90 DEGREE HOOK TOP BARS, EXCEPT AT CORNERS, OMIT HOOKS ON EXTERIOR BARS AND PROVIDE CORNER "L" BARS (EXTERIOR HORIZONTAL TOP, BOTTOM, AND ALL INTERMEDIATE BARS) LAPPING 24 BAR DIAMETERS IN EACH DIRECTION.

REPAIRS:

1. DEFFECTIVE WELD SHALL BE REMOVED BY AIR CARBONATE OR OXYGEN GOUGING TO SOUND METAL. THE SURFACES SHALL BE REWELDED IN COMPLIANCE WITH ARTICLE 6.6 OF AWS D1.1. WELDS THAT HAVE BEEN REPAIRED SHALL BE RE-TESTED BY THE SAME METHOD USED IN THE ORIGINAL INSPECTION. ALL COST OF REPAIRS AND RE-TESTING SHALL BE BORNE BY THE CONTRACTOR, EXCEPT FOR REPAIR OF MEMBERS CUT TO REMOVE TEST COUPONS WHICH WERE FOUND TO CONTAIN ACCEPTABLE WELDS.

MATERIAL STORAGE:

1. STEEL PIPES, PILES, PLATES OR ANY STEEL MATERIAL (FABRICATED OR NON-FABRICATED) IS TO BE STORED AND HANDLED IN SUCH A MANNER THAT SAGGING OR BENDING IS AVOIDED. ALL STEEL MATERIALS TO BE STORED ON THE GROUND SHALL BE STACKED AND BLOCKED IN SUCH A WAY THAT ALL STEEL MATERIAL HAVE A UNIFORM SUPPORT ALONG IT'S ENTIRE LENGTH.

WORKMANSHIP:

1. THE CONTRACTOR SHALL UTILIZE WELDING PROCEDURES COMPATIBLE WITH THE TYPE OF MATERIAL BEING WORKED ON, AND SHALL EXERCISE CAUTION TO MINIMIZE RESIDUAL STRESSES AND DISTORTIONS CAUSED BY EXCESSIVE HEAT. APPROVAL OF THE CONTRACTOR'S WELDING PROCEDURES WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PRODUCING A FINISHED STUCTURE MEETING ALL REQUIREMENTS OF THESE SPECIFICATIONS.

ABBREVIATIONS:

AWS	-AMERICAN WELDING SOCIETY
EL	-ELEVATION
FLG PL	-FLANGE PLATE
FS	-FAR SIDE
MFG	-MANUFACTURE
NS	-NEAR SIDE
PL	-PLATE
SCH	-SCHEDULE
STD	-STANDARD
HDG	-HOT DIPPED GALVANIZED
TOS	-TOP OF STEEL
CSK	-COUNTERSUNK
FRP	-FIBERGLASS REINFORCED PLASTIC

STATE OF LOUISIANA
MARY C. DANKA
License No. 22424
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
27 MAR 2014

REV.	DATE	DESCRIPTION	BY
1	05/27/14	ADDENDUM 1	MCD
0	03/21/14	ISSUED FOR CONSTRUCTION	MCD

Shaw Environmental & Infrastructure, Inc.
(A CB&I COMPANY)
OFFICE LOCATIONS:
197 ELYSIAN DRIVE, HOUMA, LA. 70363, PHONE: 985.868.3434
4171 ESSEN LANE, BATON ROUGE, LA 70809, PHONE: 225.932.2758

COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

GENERAL NOTES

STATE PROJECT NUMBER: TV-52

DRAWN BY: TOT | DESIGNED BY: MCD | APPROVED BY:

DATE: AUGUST 2013

SHEET G-003

WARNING: PROLONGED EXPOSURE TO DIRECT SUNLIGHT MAY CAUSE FADING OF INKS ON THIS DRAWING.

P:\ENG\CLIENT\St. Mary Parish\St Mary Levee District\Franklin Canal Pump Station\AutoCAD\Addendum 1

NON-MANDATORY PRE-BID CONFERENCE
ATTENDANCE RECORD

PROJECT: Franklin Canal Flood Protection System – Phase II Pump Station (TV-52)
AGENCY: CPRA
DATE: May 21, 2014
LOCATION: Franklin Court House – St. Mary Parish Government Building
500 Main St, 5th Floor, Council Meeting Room
Franklin, LA 70538-6198

Please Print Clearly

Name and Signature (Sign-In)	*Company/Address*	*Phone No.*	*Fax No. and Email*	*Name and Signature (Sign-Out)*
STAN AUCOIN	CPRA/LAF	337-482-0681	STANLEY.AUCOIN@LA.GOV	
KEN LABRY	FENSTERMAKER LAFAYETTE	337-237-2200 EXT 1189	KENL@fenstermaker.com	
	WANKISHA PENNIE FRANKLIN, LA	337-380-8533	antoin@wpi.com	

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Please Print Clearly

Name and Signature (Sign-In)	*Company/Address*	*Phone No.*	*Fax No. and Email*	*Name and Signature (Sign-Out)*
Bradley Faulk	CAJUN Maritime	337-893-3686	337-893-3683	
			brad.faulk@cajunvsa.com	
Don Gray	Gray Construction	985-399-2401	985-399-2405	
			dcgray@gray-con.com	
Bruce Duhon	James Const Group	225-295-4830	bduhon@jcgllc.com	

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ATTENDANCE RECORD

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Name and Signature (Sign-In)	*Company/Address*	*Phone No.*	*Fax No. and Email*	*Name and Signature (Sign-Out)*
Oscar Perez	9074 Park Ave Houma, La	985-851-7077 985-381-6066	oscar@associatedpump.com	
BEN ROTH III	1069 Hwy 3185 THIBODAUX 70301	985-448-0970	ataylor@ sealevel inc. com	
Don Torres	PO Box 268 Plattenville, LA 70393 RES Contractors	985-252-3400	985-252-3400 dtorres@res-usa.net	
Will Norman	CPRA-PM Contractor	225-663-3037	normancw@cdmsmith.com	

NON-MANDATORY PRE-BID CONFERENCE
ATTENDANCE RECORD

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Name and Signature (Sign-In)	*Company/Address*	*Phone No.*	*Fax No. and Email*	*Name and Signature (Sign-Out)*
JEFF LEDET	FLUID PROCESS & PUMPS, LLC 405 COMMERCE PT HARAHAN, LA 70123	504-733-1350	FAX 504-736-9348 JL@FLUIDPROCESS.NET	

>

General Decision Number: LA140006 03/14/2014 LA6

Superseded General Decision Number: LA20130006

State: Louisiana

Construction Type: Heavy

Counties: Allen, Assumption, Avoyelles, Beauregard, Bienville, Caldwell, Cameron, Catahoula, Claiborne, Concordia, De Soto, East Carroll, East Feliciana, Evangeline, Franklin, Grant, Iberia, Iberville, Jackson, Jefferson Davis, La Salle, Lincoln, Madison, Morehouse, Natchitoches, Pointe Coupee, Red River, Richland, Sabine, St Helena, St Mary, Tangipahoa, Tensas, Union, Vermilion, Vernon, Washington, West Carroll, West Feliciana and Winn Counties in Louisiana.

HEAVY CONSTRUCTION PROJECTS (includes water wells, water & sewer lines, and flood control; excludes elevated storage tanks)

Modification Number	Publication Date
0	01/03/2014
1	01/10/2014
2	01/24/2014
3	02/07/2014
4	02/28/2014
5	03/07/2014
6	03/14/2014

ELEC0130-007 12/01/2013

ASSUMPTION AND ST. MARY (Northeast of Atchafalaya River) PARISHES

	Rates	Fringes
ELECTRICIAN	$ 29.35	9.51

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* ELEC0194-006 09/02/2013

BIENVILLE, CLAIBORNE, DE SOTO, NATCHITOCHES (Northeast of the Red River), and RED RIVER PARISHES

	Rates	Fringes
ELECTRICIAN		
Lineman and Heavy Equipment Operator	$ 25.50	3%+9.05

ELEC0446-004 03/01/2014

CALDWELL, EAST CARROLL, FRANKLIN, JACKSON, LINCOLN, MADISON, MOREHOUSE, RICHLAND, TENSAS, UNION, and WEST CARROLL PARISHES

	Rates	Fringes
ELECTRICIAN	$ 21.75	1%+9.64

ELEC0576-002 09/01/2013

AVOYELLES, CATAHOULA, CONCORDIA, EVANGELINE, GRANT, LA SALLE, NATCHITOCHES (Southwest of Red River), SABINE, VERNON, AND WINN PARISHES

	Rates	Fringes
ELECTRICIAN	$ 24.00	4.25%+5.65

ELEC0861-004 01/01/2014

ALLEN, BEAUREGARD, CAMERON, IBERIA, JEFFERSON DAVIS, ST. MARY (Southwest of Atchafalaya River), AND VERMILION PARISHES

	Rates	Fringes
ELECTRICIAN	$ 24.50	4%+10.23

ELEC0995-002 01/01/2014

EAST FELICIANA, IBERVILLE, POINTE COUPEE, ST. HELENA, AND WEST FELICIANA PARISHES

	Rates	Fringes
ELECTRICIAN	$ 23.16	9.47

ELEC1077-005 09/01/2012

TANGIPAHOA and WASHINGTON PARISHES

	Rates	Fringes
ELECTRICIAN	$ 22.50	7.17

SULA2004-008 05/19/2004

	Rates	Fringes
CARPENTER (including formsetting/formbuilding)	$ 14.75	0.00
Laborers:		
Common	$ 7.60	0.00
Pipelayer	$ 8.47	0.00
PIPEFITTER (excluding pipelaying)	$ 18.75	4.05
Power equipment operators:		

Backhoe/Excavator	$ 11.67	0.00
Boring Machine	$ 10.25	0.00
Bulldozer	$ 11.82	0.00
Crane	$ 13.60	0.00
Dragline	$ 13.12	0.00
Front End Loader	$ 9.93	0.00
Mechanic	$ 12.50	0.00
Trackhoe	$ 11.99	0.00
Tractor	$ 10.43	0.00
Water Well Driller	$ 10.73	2.01
Truck drivers:		
Dump	$ 10.00	0.00
Water	$ 8.00	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 rates.

0000/9999: weighted union wage rates will be published annually

each January.

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 majority 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