



DOS RIOS WRC HEADWORKS ENHANCEMENTS

Solicitation Number: CO-00154

Job No.: 16-6505

ADDENDUM 1

January 12, 2018

To Respondent of Record:

This addendum, applicable to work referenced above, is an amendment to the proposal and plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

| |
|--|
| RESPONSES TO QUESTIONS RECEIVED |
|--|

1. Are there any union requirements for the project?

Response: Union requirements are referenced in the General Wage Decisions. Please see the updated General Wage Decisions attached with this addendum.

2. When will work on the project begin?

Response: The project start date is contingent upon Board Approval. Currently, it is anticipated to start March or April 2018.

3. Specification section 05 12 00 calls for shop-primed structural steel framing members; however, Structural Steel Note 7 on Sheet S-01 says all exterior exposed steel shall be hot dip galvanized. Please clarify if the three (3) sun shade canopy structures will be field painted or HDG. (System A in Section 09 91 00 does not include galvanized surfaces.

Response: The steel canopies will be hot dipped galvanized only.

4. Bid Item #9 is for third party material testing and surveying. Specification section 01 45 29.223 states that the Owner is responsible for the third-party material testing. Please confirm who is responsible for this testing. Drawing C-01 requires us to provide some third-party survey which would include in this bid item.

Response: The Contract Documents include testing that will be commissioned by either the Owner and the Contractor. Bid Item #9 is only to include cost for material testing and surveying conducted by the Contractor. Section 01 45 29.23, describes testing that will be paid by the Owner. Section 01 45 29.23.1.1.A.2 states that the testing by Owner is as specified in the Cast-in-Place Concrete, Grouting, Anchor Systems and Painting specifications, including other tests in the Contract Documents not specifically assigned. These individual specifications specify which tests will be conducted by the Owner and which tests will be conducted by the Contractor. Additionally, there are other specifications such as Section 31 23 05 Excavation and Fill, for example, that specify testing to be performed by the Contractor.

5. Drawing D-02 states to demo the 108-inch RCP –Is this Reinforced Concrete Pipe (drainage) or Prestressed Concrete Cylinder Pipe (Pressure)?

Response: Drawing D-2 shows this line as 108"/WW/RCP, which is 108" Reinforced Concrete Pipe.

6. The specification notes that the steel supplier must be an AISC certified shop. Does this apply to miscellaneous steel also? Please advise.

Response: Section 05 12 00 Structural Steel Framing requires the steel fabricator to be certified by AISC. This requirement is only relevant to items covered under Section 05 12 00, which does not include Miscellaneous Metal Fabrications. Miscellaneous Metal Fabrications are specified in Section 05 50 13.

MODIFICATIONS TO THE SPECIFICATIONS

1. Due to an update in the General Wage Decisions, remove the wage decision documents from the solicitation in entirety and replace with the revised versions attached (rev. 01/05/2018, General Decision Numbers TX180016 and TX180280). These versions should be utilized by the awarded contractor for the project.

MODIFICATIONS TO THE PLANS

1. Sheets D-01, C-04, and S-11 – Replace the sheets with the attached.
a. Additional information on air piping in conflict with the proposed slide gate has been included.

This Addendum, including these two (2) pages, is eighteen (18) pages with attachments in its entirety.

Attachments: General Wage Decision Number 180016 (rev. 01/05/2018) (6 pages)
General Wage Decision Number 180280 (rev. 01/05/2018) (7 pages)
Plan Sheets D-01, C-04, and S-11 (3 pages)



Stephanie Sue
6/11/18

Arcadis U.S., Inc.
Texas Firm No. F-533

END OF ADDENDUM 1

| | |
|---|----------|
| Asphalt Raker..... | \$ 12.12 |
| Flagger..... | \$ 9.45 |
| Laborer, Common..... | \$ 10.50 |
| Laborer, Utility..... | \$ 12.27 |
| Pipelayer..... | \$ 12.79 |
| Work Zone Barricade Servicer..... | \$ 11.85 |
| PAINTER (Structures)..... | \$ 18.34 |
| POWER EQUIPMENT OPERATOR: | |
| Agricultural Tractor..... | \$ 12.69 |
| Asphalt Distributor..... | \$ 15.55 |
| Asphalt Paving Machine..... | \$ 14.36 |
| Boom Truck..... | \$ 18.36 |
| Broom or Sweeper..... | \$ 11.04 |
| Concrete Pavement Finishing Machine..... | \$ 15.48 |
| Crane, Hydraulic 80 tons or less..... | \$ 18.36 |
| Crane, Lattice Boom 80 tons or less..... | \$ 15.87 |
| Crane, Lattice Boom over 80 tons..... | \$ 19.38 |
| Crawler Tractor..... | \$ 15.67 |
| Directional Drilling Locator..... | \$ 11.67 |
| Directional Drilling Operator..... | \$ 17.24 |
| Excavator 50,000 lbs or Less..... | \$ 12.88 |
| Excavator over 50,000 lbs... | \$ 17.71 |
| Foundation Drill, Truck Mounted..... | \$ 16.93 |
| Front End Loader, 3 CY or Less..... | \$ 13.04 |
| Front End Loader, Over 3 CY. | \$ 13.21 |
| Loader/Backhoe..... | \$ 14.12 |
| Mechanic..... | \$ 17.10 |
| Milling Machine..... | \$ 14.18 |
| Motor Grader, Fine Grade.... | \$ 18.51 |
| Motor Grader, Rough..... | \$ 14.63 |
| Pavement Marking Machine.... | \$ 19.17 |
| Reclaimer/Pulverizer..... | \$ 12.88 |
| Roller, Asphalt..... | \$ 12.78 |
| Roller, Other..... | \$ 10.50 |
| Scraper..... | \$ 12.27 |
| Spreader Box..... | \$ 14.04 |
| Trenching Machine, Heavy.... | \$ 18.48 |
| Servicer..... | \$ 14.51 |
| Steel Worker | |
| Reinforcing..... | \$ 14.00 |
| Structural..... | \$ 19.29 |
| TRAFFIC SIGNAL INSTALLER | |

Traffic Signal/Light Pole
Worker.....\$ 16.00

TRUCK DRIVER

Lowboy-Float.....\$ 15.66
Off Road Hauler.....\$ 11.88
Single Axle.....\$ 11.79
Single or Tandem Axle Dump
Truck.....\$ 11.68
Tandem Axle Tractor w/Semi
Trailer.....\$ 12.81

WELDER.....\$ 15.97

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
for Federal Contractors applies to all contracts subject to the
Davis-Bacon Act for which the contract is awarded (and any
solicitation was issued) on or after January 1, 2017. If this
contract is covered by the EO, the contractor must provide
employees with 1 hour of paid sick leave for every 30 hours
they work, up to 56 hours of paid sick leave each year.
Employees must be permitted to use paid sick leave for their
own illness, injury or other health-related needs, including
preventive care; to assist a family member (or person who is
like family to the employee) who is ill, injured, or has other
health-related needs, including preventive care; or for reasons
resulting from, or to assist a family member (or person who is
like family to the employee) who is a victim of, domestic
violence, sexual assault, or stalking. Additional information
on contractor requirements and worker protections under the EO
is available at www.dol.gov/whd/govcontracts.

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 a union rate (current union negotiated rate for local),
a survey rate (weighted average rate) or a union average rate
(weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 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. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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
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200 Constitution Avenue, N.W.
Washington, DC 20210

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

END OF GENERAL DECISION

ELEC0060-004 06/01/2017

| | Rates | Fringes |
|--|----------|----------|
| ELECTRICIAN (Excludes Low Voltage Wiring)..... | \$ 27.90 | 16%+4.85 |

ELEV0081-001 01/18/2017

| | Rates | Fringes |
|------------------------|----------|------------|
| ELEVATOR MECHANIC..... | \$ 38.14 | 31.585+a+b |

FOOTNOTES:

A. 6% under 5 years based on regular hourly rate for all hours worked. 8% over 5 years based on regular hourly rate for all hours worked.

B. Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day; and Veterans Day.

ENGI0450-002 04/01/2014

| | Rates | Fringes |
|---|----------|---------|
| POWER EQUIPMENT OPERATOR Cranes..... | \$ 34.85 | 9.85 |

* IRON0066-013 06/01/2017

| | Rates | Fringes |
|-----------------------------|----------|---------|
| IRONWORKER, STRUCTURAL..... | \$ 21.55 | 6.73 |

* IRON0084-011 06/01/2017

| | Rates | Fringes |
|-----------------------------|----------|---------|
| IRONWORKER, ORNAMENTAL..... | \$ 23.27 | 7.12 |

PLUM0142-009 07/01/2017

| | Rates | Fringes |
|--|----------|---------|
| HVAC MECHANIC (HVAC Electrical Temperature Control Installation Only)..... | \$ 30.25 | 11.80 |
| HVAC MECHANIC (HVAC Unit Installation Only)..... | \$ 30.25 | 11.80 |
| PIPEFITTER (Including HVAC Pipe Installation)..... | \$ 30.25 | 11.80 |
| PLUMBER (Excludes HVAC Pipe Installation)..... | \$ 30.25 | 11.80 |

SFTX0669-002 04/01/2017

| | Rates | Fringes |
|---|----------|---------|
| SPRINKLER FITTER (Fire Sprinklers)..... | \$ 29.03 | 15.84 |

 SHEE0067-004 04/01/2017

| | Rates | Fringes |
|---|----------|---------|
| Sheet metal worker Excludes HVAC Duct Installation..... | \$ 26.10 | 15.25 |
| HVAC Duct Installation Only. | \$ 26.10 | 15.25 |

 SUTX2014-006 07/21/2014

| | Rates | Fringes |
|---|----------|---------|
| BRICKLAYER..... | \$ 22.15 | 0.00 |
| CARPENTER (Acoustical Ceiling Installation Only)..... | \$ 17.83 | 0.00 |
| CARPENTER (Form Work Only)..... | \$ 13.63 | 0.00 |
| CARPENTER, Excludes Acoustical Ceiling Installation, Drywall Hanging, Form Work, and Metal Stud Installation..... | \$ 16.86 | 4.17 |
| CAULKER..... | \$ 15.00 | 0.00 |
| CEMENT MASON/CONCRETE FINISHER... | \$ 22.27 | 5.30 |
| DRYWALL FINISHER/TAPER..... | \$ 13.81 | 0.00 |
| DRYWALL HANGER AND METAL STUD INSTALLER..... | \$ 15.18 | 0.00 |
| ELECTRICIAN (Low Voltage Wiring Only)..... | \$ 20.39 | 3.04 |
| IRONWORKER, REINFORCING..... | \$ 12.27 | 0.00 |
| LABORER: Common or General..... | \$ 10.75 | 0.00 |
| LABORER: Mason Tender - Brick... | \$ 11.88 | 0.00 |
| LABORER: Mason Tender - Cement/Concrete..... | \$ 12.00 | 0.00 |
| LABORER: Pipelayer..... | \$ 11.00 | 0.00 |
| LABORER: Roof Tearoff..... | \$ 11.28 | 0.00 |

| | | |
|---|----------|------|
| LABORER: Landscape and Irrigation..... | \$ 8.00 | 0.00 |
| OPERATOR: | | |
| Backhoe/Excavator/Trackhoe..... | \$ 15.98 | 0.00 |
| OPERATOR: Bobcat/Skid | | |
| Steer/Skid Loader..... | \$ 14.00 | 0.00 |
| OPERATOR: Bulldozer..... | \$ 14.00 | 0.00 |
| OPERATOR: Drill..... | \$ 14.50 | 0.00 |
| OPERATOR: Forklift..... | \$ 12.50 | 0.00 |
| OPERATOR: Grader/Blade..... | \$ 23.00 | 5.07 |
| OPERATOR: Loader..... | \$ 12.79 | 0.00 |
| OPERATOR: Mechanic..... | \$ 18.75 | 5.12 |
| OPERATOR: Paver (Asphalt, Aggregate, and Concrete)..... | | |
| | \$ 16.03 | 0.00 |
| OPERATOR: Roller..... | \$ 12.00 | 0.00 |
| PAINTER (Brush, Roller and Spray), Excludes Drywall Finishing/Taping..... | | |
| | \$ 13.07 | 0.00 |
| ROOFER..... | \$ 12.00 | 0.00 |
| TILE FINISHER..... | \$ 11.32 | 0.00 |
| TILE SETTER..... | \$ 14.94 | 0.00 |
| TRUCK DRIVER: Dump Truck..... | \$ 12.39 | 1.18 |
| TRUCK DRIVER: Flatbed Truck..... | \$ 19.65 | 8.57 |
| TRUCK DRIVER: Semi-Trailer Truck..... | | |
| | \$ 12.50 | 0.00 |
| TRUCK DRIVER: Water Truck..... | \$ 12.00 | 4.11 |

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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.

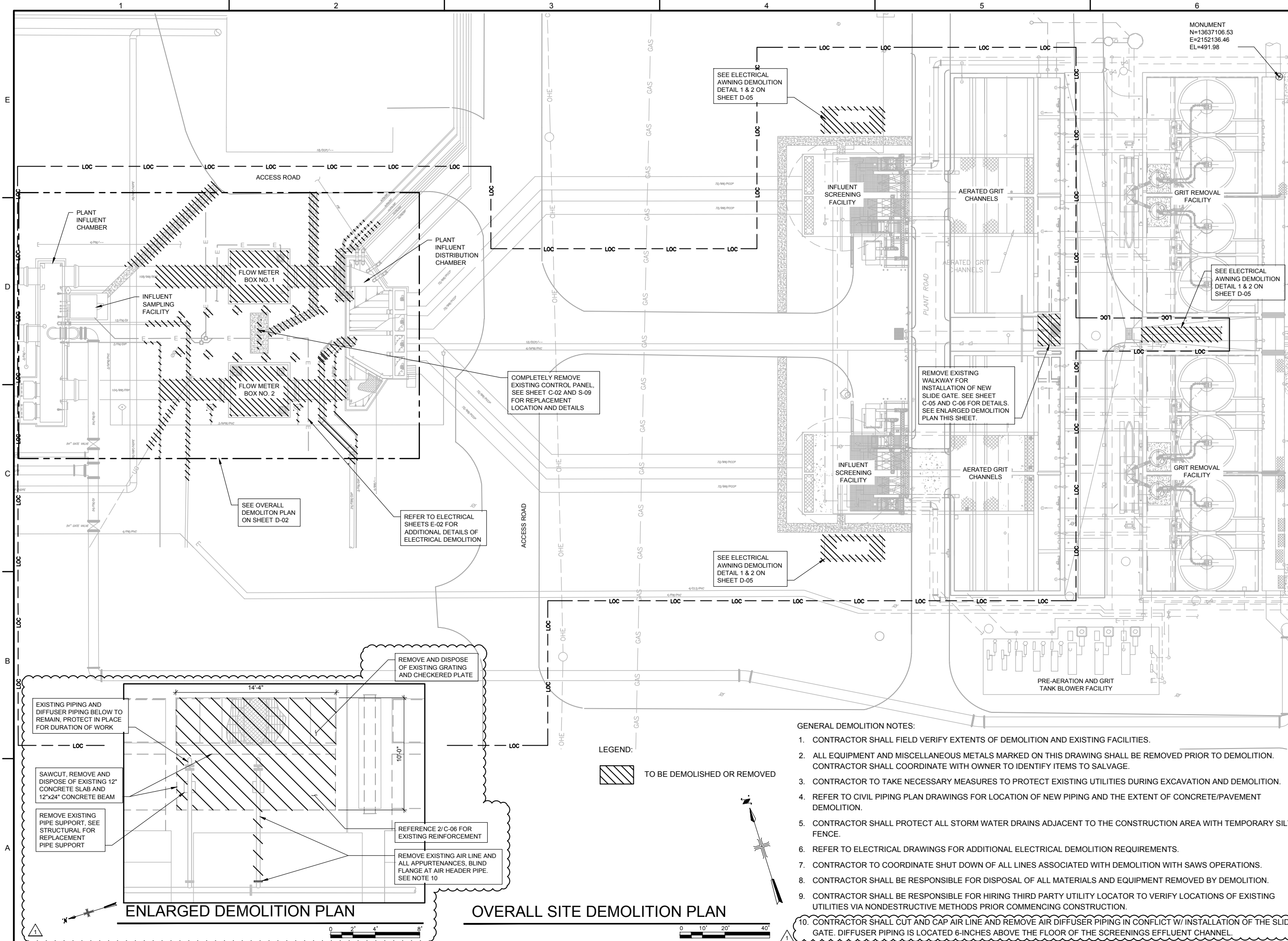
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U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

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

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END OF GENERAL DECISION



MONUMENT
 N=13637106.53
 E=2152136.46
 EL=491.98



SAN ANTONIO
 WATER SYSTEM



DOS RIOS WRC -
 HEADWORKS ENHANCEMENTS

| NO. | DATE | REVISION | BY |
|-----|----------|----------------|----|
| 1 | 01/10/18 | ADDENDUM NO. 1 | SS |

COPYRIGHT: ARCADIS U.S., INC.
 DATE: DECEMBER 2017
 PROJECT NO.: 02196040.0000
 DESIGNED BY: G.KEHOE
 DRAWN BY: N.CANDELAS
 CHECKED BY: S. SUE

SHEET TITLE

DEMOLITION

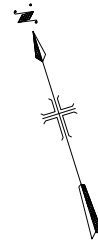
OVERALL SITE
 DEMOLITION PLAN

SCALE: AS SHOWN

SHEET **D-01**
 5 OF 37

- GENERAL DEMOLITION NOTES:
1. CONTRACTOR SHALL FIELD VERIFY EXTENTS OF DEMOLITION AND EXISTING FACILITIES.
 2. ALL EQUIPMENT AND MISCELLANEOUS METALS MARKED ON THIS DRAWING SHALL BE REMOVED PRIOR TO DEMOLITION. CONTRACTOR SHALL COORDINATE WITH OWNER TO IDENTIFY ITEMS TO SALVAGE.
 3. CONTRACTOR TO TAKE NECESSARY MEASURES TO PROTECT EXISTING UTILITIES DURING EXCAVATION AND DEMOLITION.
 4. REFER TO CIVIL PIPING PLAN DRAWINGS FOR LOCATION OF NEW PIPING AND THE EXTENT OF CONCRETE/PAVEMENT DEMOLITION.
 5. CONTRACTOR SHALL PROTECT ALL STORM WATER DRAINS ADJACENT TO THE CONSTRUCTION AREA WITH TEMPORARY SILT FENCE.
 6. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL ELECTRICAL DEMOLITION REQUIREMENTS.
 7. CONTRACTOR TO COORDINATE SHUT DOWN OF ALL LINES ASSOCIATED WITH DEMOLITION WITH SAWS OPERATIONS.
 8. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL MATERIALS AND EQUIPMENT REMOVED BY DEMOLITION.
 9. CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING THIRD PARTY UTILITY LOCATOR TO VERIFY LOCATIONS OF EXISTING UTILITIES VIA NONDESTRUCTIVE METHODS PRIOR COMMENCING CONSTRUCTION.
 10. CONTRACTOR SHALL CUT AND CAP AIR LINE AND REMOVE AIR DIFFUSER PIPING IN CONFLICT W/ INSTALLATION OF THE SLIDE GATE. DIFFUSER PIPING IS LOCATED 6-INCHES ABOVE THE FLOOR OF THE SCREENINGS EFFLUENT CHANNEL.

LEGEND:
 TO BE DEMOLISHED OR REMOVED



ENLARGED DEMOLITION PLAN

OVERALL SITE DEMOLITION PLAN



SAN ANTONIO
WATER SYSTEM



DOS RIOS WRC -
HEADWORKS ENHANCEMENTS

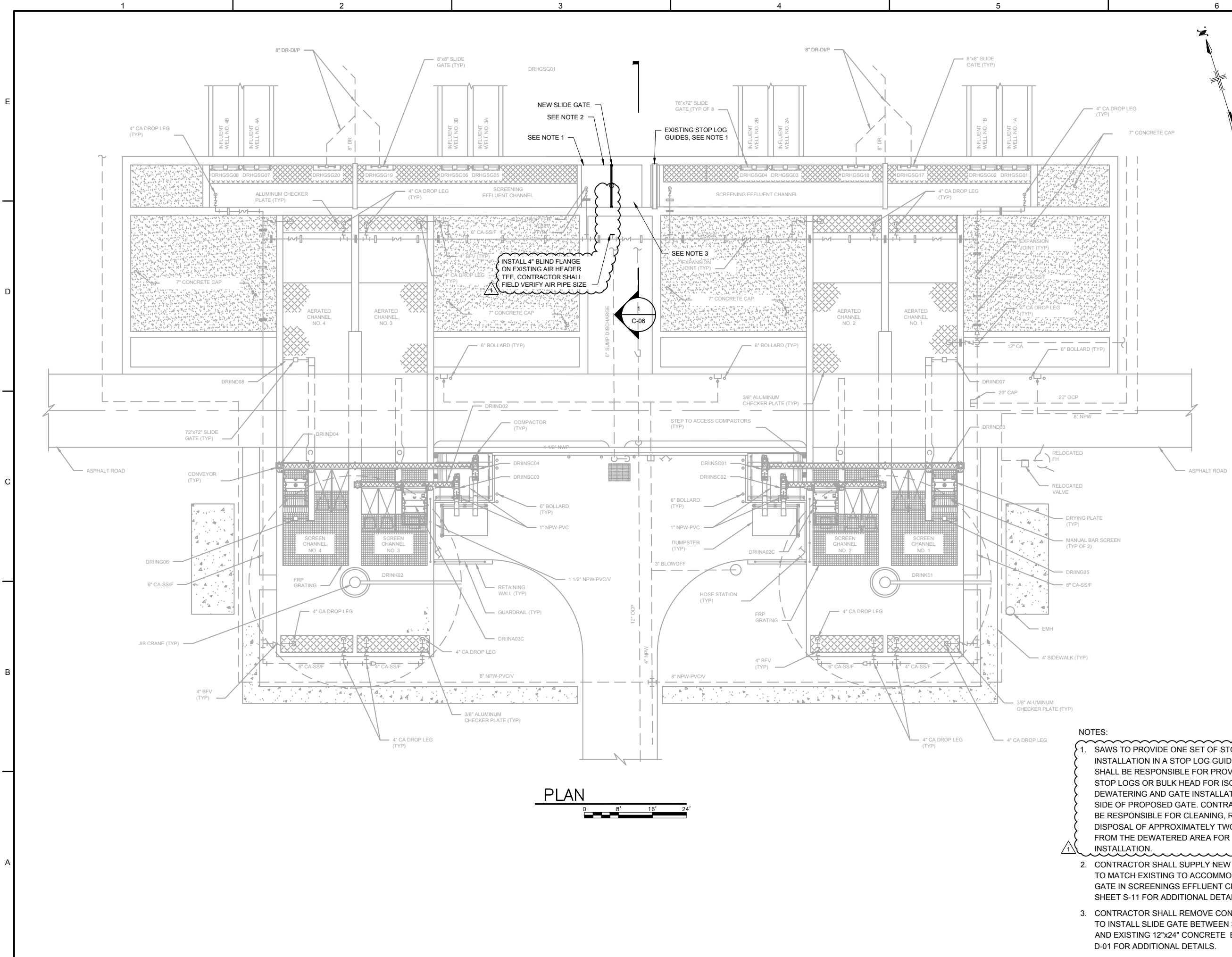
| NO. | DATE | REVISION | BY |
|-----|----------|----------------|----|
| 1 | 01/10/18 | ADDENDUM NO. 1 | SS |
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COPYRIGHT: ARCADIS U.S., INC.
DATE: DECEMBER 2017
PROJECT NO.: 02196040.0000
DESIGNED BY: G.KEHOE
DRAWN BY: J.RAY
CHECKED BY: S. SUE

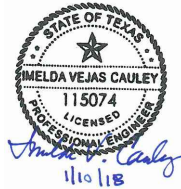
SHEET TITLE
CIVIL
PROPOSED SLIDE GATE
SITE PLAN

SCALE: 3/32"=1'-0"

SHEET **C-05**
14 OF 37



- NOTES:**
- SAWS TO PROVIDE ONE SET OF STOP LOGS FOR INSTALLATION IN A STOP LOG GUIDE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY STOP LOGS OR BULK HEAD FOR ISOLATING AREA FOR DEWATERING AND GATE INSTALLATION ON OTHER SIDE OF PROPOSED GATE. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR CLEANING, REMOVAL AND DISPOSAL OF APPROXIMATELY TWO FEET OF GRIT FROM THE DEWATERED AREA FOR GATE INSTALLATION.
 - CONTRACTOR SHALL SUPPLY NEW CHECKER PLATES TO MATCH EXISTING TO ACCOMMODATE NEW SLIDE GATE IN SCREENINGS EFFLUENT CHANNEL. REFER TO SHEET S-11 FOR ADDITIONAL DETAILS.
 - CONTRACTOR SHALL REMOVE CONCRETE WALKWAY TO INSTALL SLIDE GATE BETWEEN STOP LOG GUIDE AND EXISTING 12"x24" CONCRETE BEAM. SEE SHEET D-01 FOR ADDITIONAL DETAILS.



SAN ANTONIO
WATER SYSTEM



DOS RIOS WRC -
HEADWORKS ENHANCEMENTS

| NO. | DATE | REVISION | BY |
|-----|----------|----------------|----|
| 1 | 01/10/18 | ADDENDUM NO. 1 | IC |
| | | | |
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| | | | |

COPYRIGHT: ARCADIS U.S., INC.
DATE: DECEMBER 2017
PROJECT NO.: 02196040.0000
DESIGNED BY: I. CAULEY
DRAWN BY: N. CANDELAS
CHECKED BY: M. HEMMELGARN

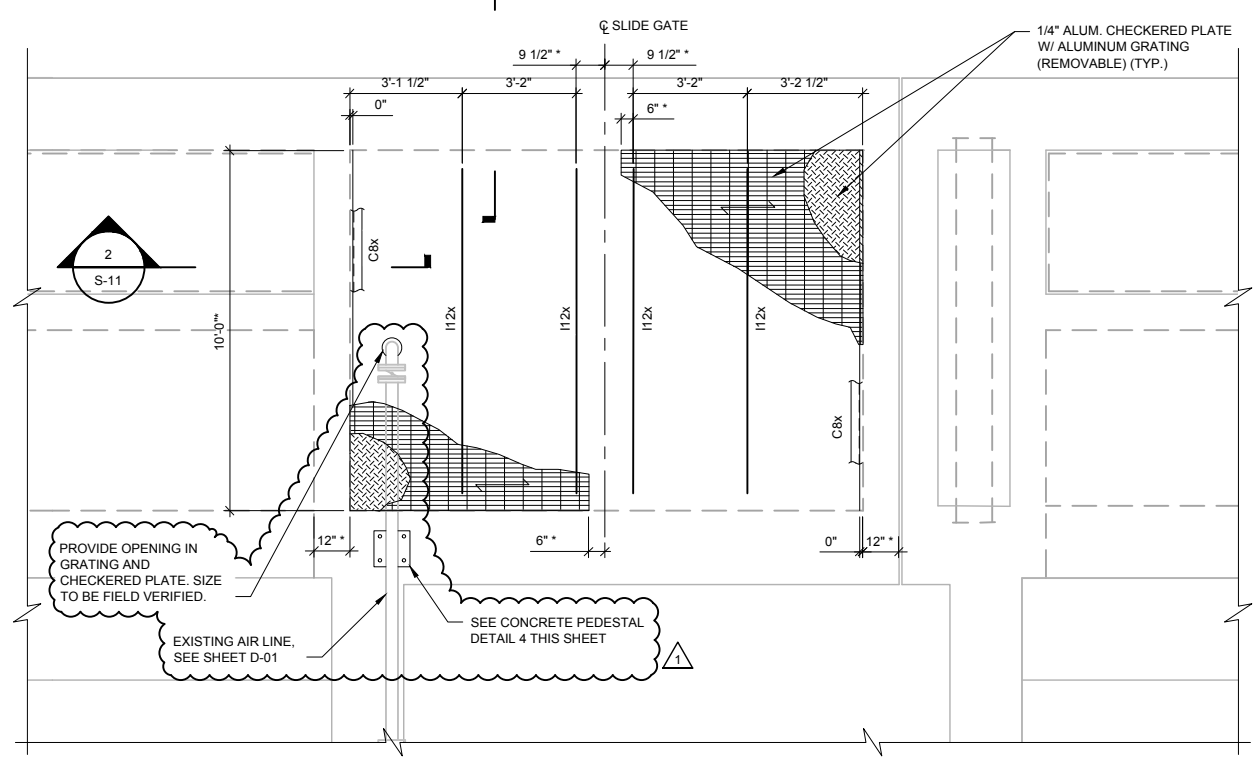
SHEET TITLE

STRUCTURAL

GRIT TANK
MODIFICATIONS

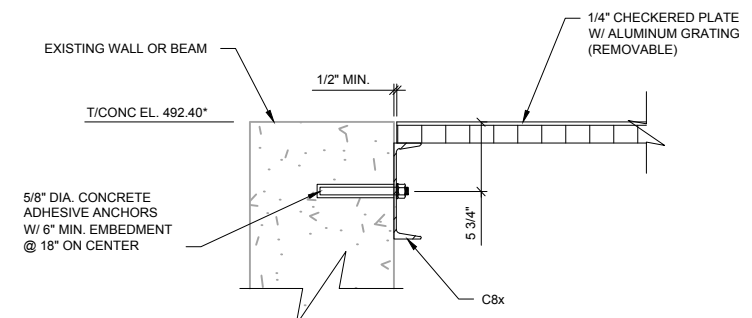
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SHEET **S-11**
30 OF 37

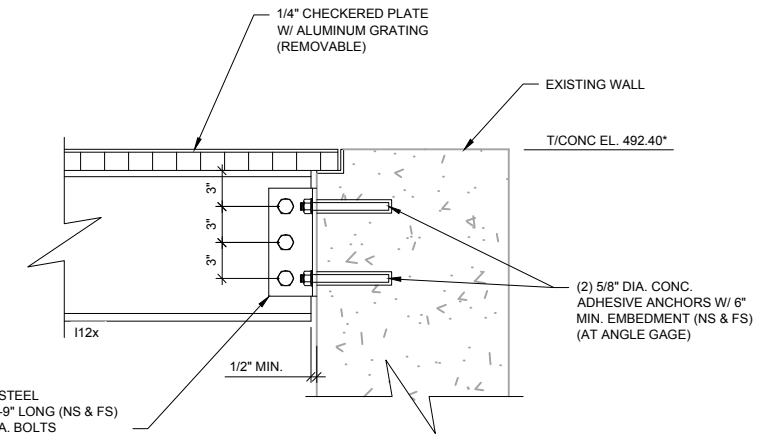


PARTIAL PLAN AT EL. 492.40*

- NOTES:
- SEE SHEET C-02 AND C-05 FOR LOCATION.
 - DESIGN LL = 150 PSF
 - ALL 112x = 12X14.3 ALUMINUM ASSOCIATION STANDARD I-BEAMS. C8x = C8 x 6.48 ALUMINUM AMERICAN STANDARD CHANNEL.
 - REMOVABLE 1-1/2" ALUM GRG W/ 1/4" ALUM CHECKERED PLATE (TYP.).

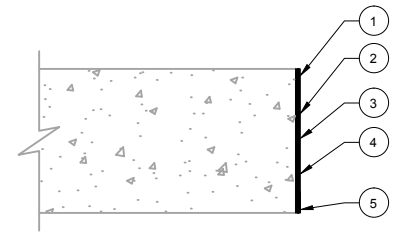


SECTION 2



SECTION 1

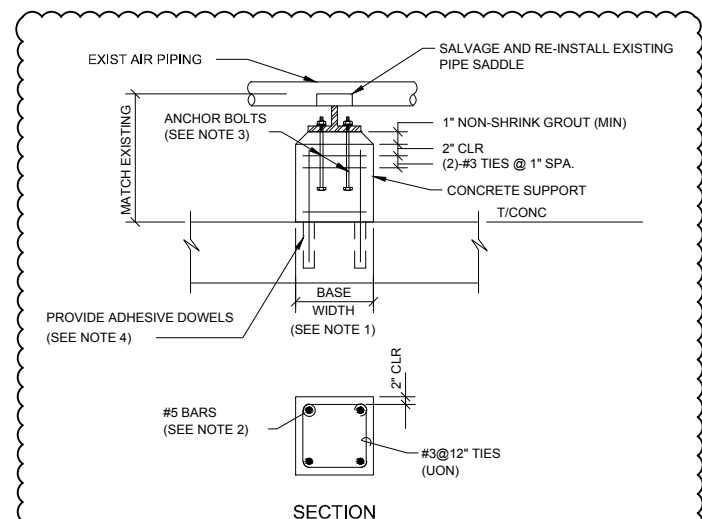
- NOTES:
- WELD ALUMINUM CHECKERED PLATE TO ALUMINUM GRATING USING 1/8" FILLET WELD.



TYPICAL SAW CUT CONCRETE REPAIR

DETAIL 3

- SAW CUT SURFACE OF EXISTING CONCRETE. WHERE NECESSARY, USE SPECIFIED SPALL REPAIR MATERIALS TO PATCH DAMAGED OR OVER CUT AREAS PRIOR TO PROCEEDING WITH SPECIFIED COATING SYSTEM.
- ROUGHEN EXISTING SURFACE AS REQUIRED.
- LIBERALLY APPLY A MINIMUM OF TWO COATINGS OF THE CORROSION INHIBITOR TO ALL SURFACES.
- AFTER ADEQUATE DRYING TIME, LOW-PRESSURE WASH ALL SURFACES TO REMOVE DEPOSITED FILM FROM CORROSION INHIBITOR.
- APPLY 2 COATS OF PROTECTIVE SLURRY MORTAR.
- APPLY ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



CONCRETE PEDESTAL DETAIL 4

- NOTES:
- BASE WIDTH SHALL BE A MINIMUM OF BASE ELBOW OR BASE TEE WIDTH PLUS 2 INCHES ON ALL SIDES OR A WIDTH TO PROVIDE A MINIMUM EDGE DISTANCE OF 5 INCHES ON ALL ANCHOR BOLTS.
 - PROVIDE 4-#5 REINFORCING VERTICAL BARS.
 - ANCHOR BOLT SIZE PER PIPE SUPPORT REQUIREMENT.
 - DRILL HOLE DIAMETER AND DEPTH IN EXISTING SLAB PER MANUFACTURER'S REQUIREMENTS FOR APPROVED ADHESIVE ANCHORAGE SYSTEM.