

ADDENDUM NO. 3
TO THE CONTRACT DOCUMENTS
for the construction of the
NATOMAS MUTUAL WATER COMPANY
RIVERSIDE PUMPING PLANT REPLACEMENT

Date: April 26, 2022
Project No.: W8Y09800

To All Planholders and/or Prospective Bidders:

Questions and Answers (no changes, additions, and/or deletions to the Contract Documents):

Question: 00 43 13-1 Bid Bond: The bid bond requires figures and words be written in, we will not have this information until acquiring the bid total on the day of the bid, would it be acceptable to instead write “10 percent of maximum bid price” on these lines?

Response: Bidder may write “10 percent of maximum Bid price” or use words and figures as indicated..

Question GC 6.03, C, 7, requires General Liability Additional Insured Endorsements CG 20 10 10 01 and CG 20 37 10 01 or CG 20 10 07 04 and CG 20 37 07 04, or their equivalent. The current forms of these endorsements utilized by ISO are the ISO CG 20 10 04 13 and CG 20 37 12 19 versions. Please confirm that the most recent editions of these endorsements are acceptable.

Response Or their equivalent is acceptable as indicated.

Question: GC 6.03, C, 8 requires CG 20 32 07 04 for design professional additional insureds, but ISO has discontinued this version and now uses CG 20 32 12 19. Also, insurers will only agree to add this endorsement with documentation that the owner’s engineers, architects, and surveyors covered by this endorsement have their own insurance. Please confirm these entities will have their owner general liability and professional liability coverage and that the updated version of this endorsement is acceptable.

Response: Confirmed.

Question: 01 45 00 1.03 Summary of Permits Obtained by the Owner - Please provide copies of Owner procured permits and a list of permits still remaining to be obtained.

Response: Copies of permits obtained by Owner will be provided to Contractor after acquired as specified in Section 01 45 00 Permits, Paragraph 1.03.

Question Specification 01 31 13 - 1.05 A.1. constricts the work window within the “prism of the existing levee”. There is a line shown on contract drawing 050-C-3002 defined as the “3:1 LEVEE INFLUENCE LINE”. Please confirm the prism of the existing levee and the 3:1 LEVEE INFLUENCE LINE are the same.

Response: Confirmed.

Question: Spec 02 41 00-5 states to protect existing trees by installing a 6 foot high fence 5 feet from the trunk. There is an existing 30” Oak shown on Drawing 050-C-2002 at approximate Station 10+59, 20’ Rt., with a “Protect in Place” callout. The toe of the fill is right at the base of this tree. The large overhanging branches of this tree will be in conflict with the work to be performed and a significant amount of the tree would need to be trimmed just to fit the road. The required clearing & grubbing, topsoil removal, and subgrade preparation in the vicinity of this tree will likely damage the tree roots and jeopardize the long term health of this tree. Please confirm that this tree can be removed.

Response: At this time, the referenced tree shall be protected in place as indicated.

Question: Spec 02 41 00 1.01 A gives the definition of ACM: Asbestos-containing material. Is there expected to be hazardous materials like asbestos or lead paint on this project?

Response: Please refer to Section 00 72 00 General Conditions, Paragraph 5.06, and Section 00 73 00 Supplementary Conditions.

Question: Note 3 on Drawing 050-YP-3100 states “Pipe Zone and Trench Backfill Material shall be CLSM.” Please confirm that clsm is to be placed all the way from up to existing grade when backfilling these pipes.

Response: Confirmed.

Question: Spec 01 30 00 - 20 states that a bubble curtain may be required. Usually the permits state whether one is required or not. Since the permits have not been provided, please give direction if you want each bidder to include the costs of a bubble curtain.

Response: Assume a bubble curtain device will be required.

Question: Will a silt/turbidity curtain be required for work in the river? Please provide direction since the permits have not been provided.

Response: A silt and/or turbidity curtain in the river is not a requirement at this time.

Question: Please reference Note 6 under “Steel Piles” on Drawing 000-G-005. It states that Pile shall be installed within 3” of the centroid. Since the log boom pile get as-built after installation, does this tolerance apply to the log boom pile? Or does that tolerance only apply to the pile for the pumping plant.

Response: The stated tolerances apply to all piles.

Questions: Spec 01 30 00 - 20 states that the Pile Driving Plan shall be submitted to the Engineer for review and approved by NMFS prior to any pile driving activities. Since the work window in the river is not very long, please provide how long the Engineer and NMFS will take to review and approve the Pile Driving Plan.

Response: Please refer to Section 01 33 00 Submittal Procedures, Paragraph 1.02.F.

Question: Spec 01 30 00 -19 states “Place riprap in the Sacramento River in low flow periods during October.” Spec 31 37 00 states to place riprap over geotextile. Drawing 050-C-2002 shows the limits of the Riprap to be placed in the river and the lowest elevation is 3.6’. If the river is not below elevation 3.6’ is the contractor expected to place fabric under water for the Riprap or is there a different option?

Response: An 8-inch thick layer of gravel bedding (gradation per ASTM C33 Size 57) may be considered where placement of geotextile is problematic.

Question: Sheet 46 Detail 5 of 5 (0551-041) does not provide leg dimensions for the 3/16” steel bent plate. Detail 3 of 5 doesn’t indicate dimensions for the Steel angle attachment from the stairs to the concrete face. Please provide.

Response: The 3/16” bent plate shown in DETAIL 5 of 5 would be fabricated to meet the minimum edge distance and entering and tightening clearance requirements of the ASCI Manual of Steel Construction as indicated in structural steel and metal fabrications note 3 on drawing 000-G-0006. At DETAIL 3 of 5, the top connection detail has a note to see the landing connection for notes not shown. The angle attachment is detailed in the landing connection.

Question: Spec Section (01 31 13-1), Lists Mark Crume as SMUD’s Contact Person including a contact phone number (916) 732-6672. This Number is no longer valid and the name “Mark Crume” is not in SMUD’s Directory for this projects area. Please provide updated contact information including name, telephone number, and email.

Response: Upon determination, updated SMUD contact information will be made available to Contractor.

Question: Note on plan sheet 16 states that “Demolition of existing transformers to be done by SMUD, coordinate as required”. Does this work include the removal of existing overhead utility lines leading to poles on the street side of the property?

Response: Yes.

Question: Please confirm that the liquidated damages for delay cover all delay damages and the Owner is not entitled to any additional compensation for delays for which it is entitled to compensation/damages. If the Owner contends additional damages are recoverable, please identify or change the liquidated damages so the Contractor can adequately understand and address the risk.

Response: Confirmed.

Question: Is the time defined under 5.05, of the general conditions, compensable or is the adjustment in Contract Price pertaining to impacts or changes to the Work resulting from unidentified or misidentified utilities?

Response: An adjustment in Contract Price and/or Contract Time will be made if appropriate.

Question: It is customary for concurrent delays, even if Contractor is one of the causes, to be a basis for an adjustment in Contract Time (and not Contract Price). Will the Owner edit GC 4.05 F of the general conditions, accordingly to provide for an adjustment of Contract Time for concurrent delays identified in 4.05 F. to preclude the need for contingency?

Response: No.

Question: Due to the critical nature of the work required to be complete prior to milestone 1 (Nov 30, 2022) Will the Owner review and approve submittals as soon as the project is awarded? Some materials may need to be released prior to NTP in order to ensure this milestone is met.

Response: Review of critical submittals will begin promptly after their receipt, however issuance of an approved submittal is not anticipated prior to NTP.

Question: Please confirm that all in-water work (excluding pump and screen) that does not affect the levee prism (i.e. excavation), must be completed by Nov 30, 2022 to achieve Milestone #1.

Response: Please refer to 01 30 00 Environmental Compliance, Paragraph 3.11.H.2.

Question: Please confirm that all work that does impact the levee prism must be completed by Oct 31, 2022.

Response: Please refer to Section 01 31 13 Project Coordination, Paragraph 1.05.A.1.

Question: Certain components such as steel stairs and steel railing are at or below elevation 37.1. This would require those components to receive the System No. 1 coating if Elevation 37.1 is the max liquid surface. Please confirm all items listed in spec 09 90 00-3.07C.1.a shall be coated using system No. 4, even if they fall below the max liquid surface.

Response: Except where otherwise specified (e.g. pump coatings per Section 44 42 56.23, stainless steel fish screen components, and uncoated piles), coat metallic surfaces above elevation 19.0 with System No. 4, and coat metallic surfaces below elevation 19.0 with System No. 1).

Question: Regarding structural steel framing at elevation 26.45', can you please confirm the end connection details for the W10x12 beams installed adjacent to the pump can? A double angle detail (as per 0512-020) may not work here as the beams are installed at an angle. Double angle may also not be needed, as these appear to be installed just to support grating.

Response: A single plate shear connection per Standard Detail 0512-022 can be used at the W10x12 beams.

Question: Please confirm no Nelson studs are required to be attached to the top of the beams supporting the concrete slab at elevation 37.50'.

Response: Nelson studs are required at each beam below the concrete deck. Reference the beam callout at grid line A and the corresponding Note 2 on Drawing 100-S-2002.

Question: Is Factory Testing witnessed or non-witnessed?

Response: Pump factory testing is Non-Witnessed. This is applicable to Section 44 42 56.04 and Section 44 42 56.23.

Question: The connection from the can to the structure is a little vague. How was it done at Pritchard? Was the can connected at the El. 5.5 and 13.45 beams as well as at EL 26.45. Was it bolted in or welded? Is the deck opening supposed to be big enough to set/remove the can if needed?

Response: The pump suction can shall be connected to the structural beams indicated on Drawings at EL 5.50 and EL 13.45. A bolted installation with leveling shims is anticipated, similar to that used at the Natomas Pritchard Lake Pumping Plant. Details of the connections and design of suction can anchor lugs are specified as by pump manufacturer. The concrete deck opening for passage of the pump is not large enough for installation or removal of the pump suction can.

Question: Spec section 26 05 33-9- 2.06B states that raceway needs to be painted in accordance with Section 09 90 00, Painting and Coating. Please confirm all exposed above ground conduit will need to be painted per this spec. Also, please confirm if this includes the conduit protected in the 12 gauge metal shroud located under the pumping plant bridge deck as well as the shroud itself.

Response: Exposed conduit does not require painting. Please refer to 09 90 00 Painting and Coating, Article 3.06.C.1.

Question: Spec section 26 05 04-6- 2.07B states to Paint Coated Framing Channel. Please confirm that Unistrut framing channel needs to be painted per spec 09 90 00.

Response: Coating options are provided in Paragraph 2.07.B. System No. 4 would apply to exposed metal.

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of the Natomas Mutual Water Company Riverside Pumping Plant Replacement, dated March 2022, as fully and completely as if the same were fully set forth therein:

A. CONTRACTING REQUIREMENTS

Section 00 73 00, Supplementary Conditions

1. Page 4: Article 6.03.C.9., DELETE the following: “which shall eliminate the exclusion with respect to property under the care, custody and control of Contractor”.

2. Page 5: Article SC-6.03.G., ADD the following to the end of Paragraph 6.03.G.:

SC-6.03.G. Contractor shall cause the Sacramento Area Flood Control Agency, a joint powers authority formed pursuant to the laws of the State of California (“SAFCA”) as well as SAFCA’s officers, agents and employees, to be named as additional insureds (in addition to, and not in lieu of, all of those other individuals or entities required to be added, identified or named as additional insureds under this Paragraph 6.03.G., in the Supplementary Conditions or in any of the other Contract Documents) to each insurance policy required to be obtained by Contractor under any of the Contract Documents, including, without limitation of the foregoing, as additional insureds to Contractor’s commercial general liability, automobile liability, umbrella or excess, pollution liability, and builder’s risk policies of insurance.

3. Page 6: Article 6.03.K.2., ADD the following new article:

6.03.K.2 Provide coverage for business interruption arising out of Contractor's failure to achieve Substantial Completion by the time specified.

a) Each Claim \$1,000,000

4. Page 6: Article 6.05.A.2.b., first line of paragraph: REPLACE "final payment" with "Substantial Completion".
5. Page 7: Article 6.06.A., ADD the following new paragraph to the end of Paragraph 6.06.A.:

SC-6.06.A. None of the above waivers shall extend to the rights of the builders risk insurer for losses and damages arising out of the rendering or the failure to render any professional services against the Engineer or its consultants, or their officers, directors, members, partners, employees, agents, consultants, or subcontractors.

6. Page 10: Article SC-7.18.D., ADD the following new article:

SC-7.18.D. To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless the Sacramento Area Flood Control Agency, a joint powers authority formed pursuant to the laws of the State of California ("SAFCA") its governing board officers, agents and employees from and against any and all claims, costs, losses, liabilities and damages (including but not limited to all fees, expenses and charges of engineers, architects, attorneys and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, liability or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable. The limitations of liability and other terms set forth under Paragraphs 7.18.B and 7.18.C shall apply with equal force and effect with respect to Contractor's indemnification obligations under this Section 7.18.D as they do with respect to Contractor's obligations under Paragraph 7.18.A. Additionally, Contractor's indemnification obligations under 7.18.A and 7.18.D, respectively, shall not be limited by the types and amounts of insurance or self-insurance maintained by SAFCA, Owner, Contractor, any Subcontractor, any Supplier, Engineer, any additional insured, or any other person or entity.

7. Page 13: Article 12.01.F., DELETE the last sentence in Paragraph 12.01.F in its entirety and ADD the following in its place:

SC-12.01.F. A denial of a Claim (whether in whole or in part) shall be final and binding unless: (i) within 30 days of the denial the party aggrieved by the denial sends written notice to the other party of its election to proceed with submitting the denial to dispute resolution pursuant to Article 17 (as amended by SC-17.01 and SC-17.02, as applicable); and (ii) the party aggrieved by the denial files the claim, or demand for arbitration (as applicable) in accordance with the terms of and within the time frames provided by SC-17.01 and SC-17.02, as applicable.

B. SPECIFICATIONS

Section 01 50 00, Temporary Facilities and Controls

1. Page 8, Article 3.03.E.4.: ADD new paragraph as follows:
 4. Contractor shall provide a certified arborist during all tree trimming operations.

Section 09 90 00, Painting and Coating

1. Page 14, Article 3.07.B.1.a.: DELETE this paragraph in its entirety and REPLACE with the following:
 - a. Metal surfaces below elevation 19.0; metal surfaces above elevation 19.0 that are a part of the immersed equipment; surfaces of metallic items, such as wall pipes, pipes, pipe sleeves, access manholes, gate guides and thimbles, and structural steel that are embedded in concrete; and the following specific surfaces:
 - 1) Interior surfaces of steel piping noted in the Piping Schedule.

Section 31 23 13, Subgrade Preparation

1. Page 2, Article 3.02: ADD new paragraph as follows and renumber the remaining paragraph:
 1. Beneath Earthfill placed on Levee Slope:
 - a. Perform clearing, grubbing, and stripping in accordance with Section 31 10 00, Site Clearing.
 - b. Cut into existing slope between 12 to 24 inches horizontally prior to placement of each 6-inch maximum thick earthfill lift to create a stair-stepped connection between the subsequent fill and the existing levee embankment.

Section 31 23 23, Fill and Backfill

1. Page 6, Article 3.03: ADD new paragraph as follows:

C. Up against Levee Slope:

1. Cut a bench into existing slope a minimum of 12 inches horizontally, up to a maximum of 24 inches, before placing each horizontal lift of earthfill.
2. Place earthfill in horizontal lifts of 6-inch maximum compacted thickness, compact each lift to minimum of 90 percent relative compaction as determined in accordance with ASTM D1557.
3. Moisture condition earth fill between 0 to 3 percent above the optimum moisture content as determined with ASTM D1557, prior to compaction.

C. DRAWINGS

1. Drawing 000-G-0005, STRUCTURAL NOTES 1; under STEEL PILES, Note 5, REPLACE “25,000” with “40,000”.
2. Drawing 100-S-2001, PUMPING PLANT PLANS; under GENERAL NOTES, Note 3, ADD the following to the end of the note “with end connections per 0512-022.”
3. Drawing 100-D-2001, PUMPING PLANT TOP PLAN; TOP PLAN, top left, REPLACE “48”X48”X16”” with “NOTE 4”. ADD new NOTE 4 as follows:
 4. STORAGE CABINET: 62"H X 48"W X 18"D, NEMA 250 TYPE 4, 12-GAUGE STEEL, SEAMS CONTINUOUSLY WELDED AND GROUND SMOOTH, FREE OF HOLES OR KNOCKOUTS, WITH INTEGRAL FLOOR STANDS. HINGED DOUBLE DOORS WITH PADLOCKING 3-POINT LATCHING SYSTEM, AND REMOVABLE CENTER POST. HINGES CONTINUOUS AND WITH STAINLESS STEEL HINGE PINS. WHITE ENAMEL PAINTED INTERIOR AND BLACK POWDER COATED EXTERIOR APPLIED OVER PHOSPHATED SURFACES. HARDWARE AND MACHINE SCREWS: ASTM A193, TYPE 316 STAINLESS STEEL. MANUFACTURER: NVENT HOFFMAN, OR EQUAL.
4. Drawing 900-SD-0006, STANDARD DETAILS, REPLACE entire Drawing with attached revised Drawing 900-SD-0006, STANDARD DETAILS.
5. SHEET NO. C-101, RADIO ROAD LIFT STATION RAILING: ADD new Drawing C-101, RADIO ROAD LIFT STATION RAILING.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 3 in the Bid Form or by submitting the Addendum with the bid package. Bid Forms submitted without acknowledgment or without this Addendum will be considered in nonconformance.

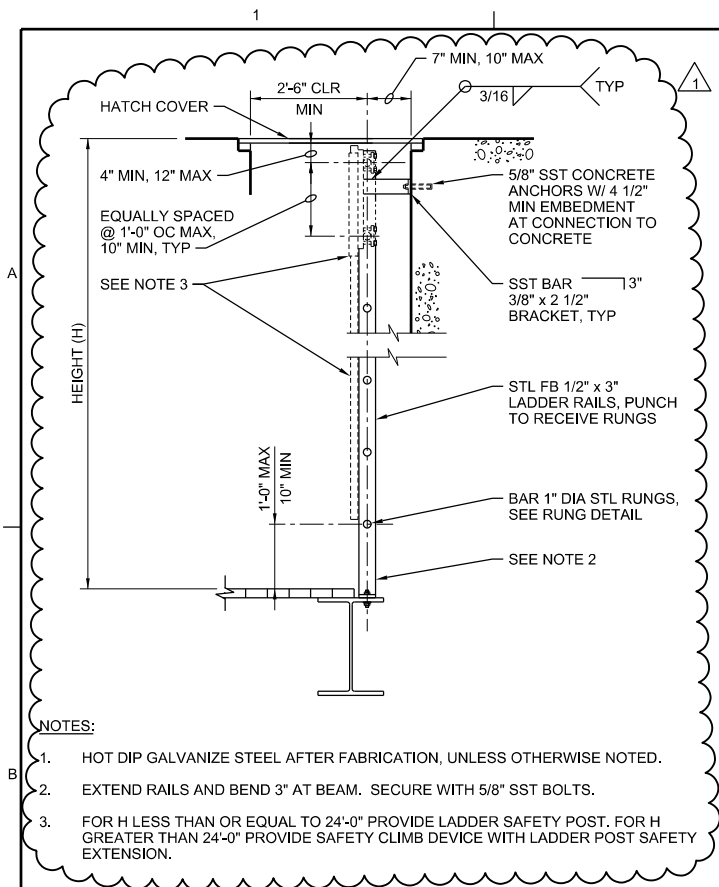
JACOBS



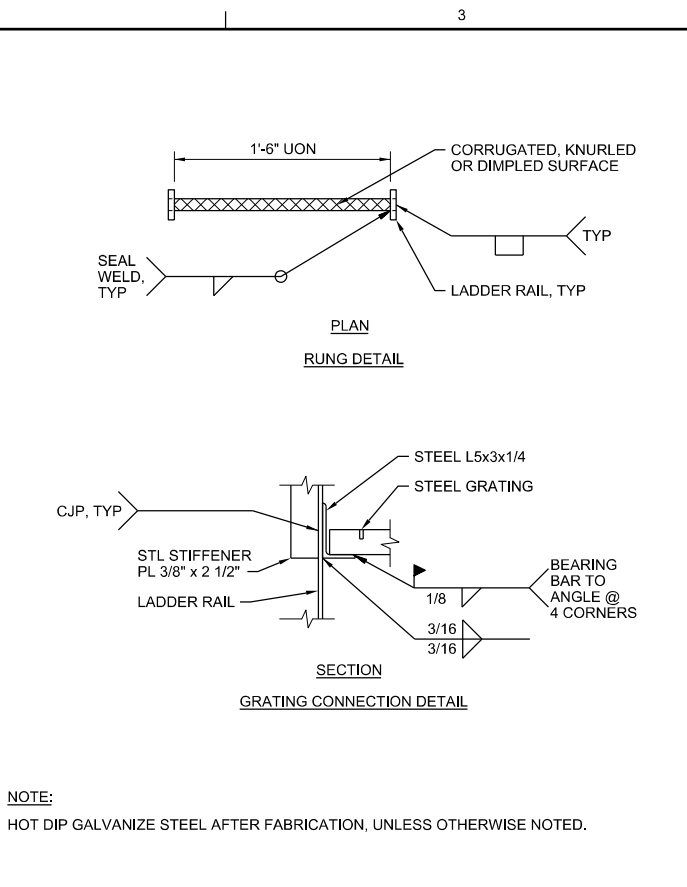
Appended hereto and part of Addendum No. 3:

- A. Revised Drawing 900-SD-0006.
- B. New Drawing C-101.

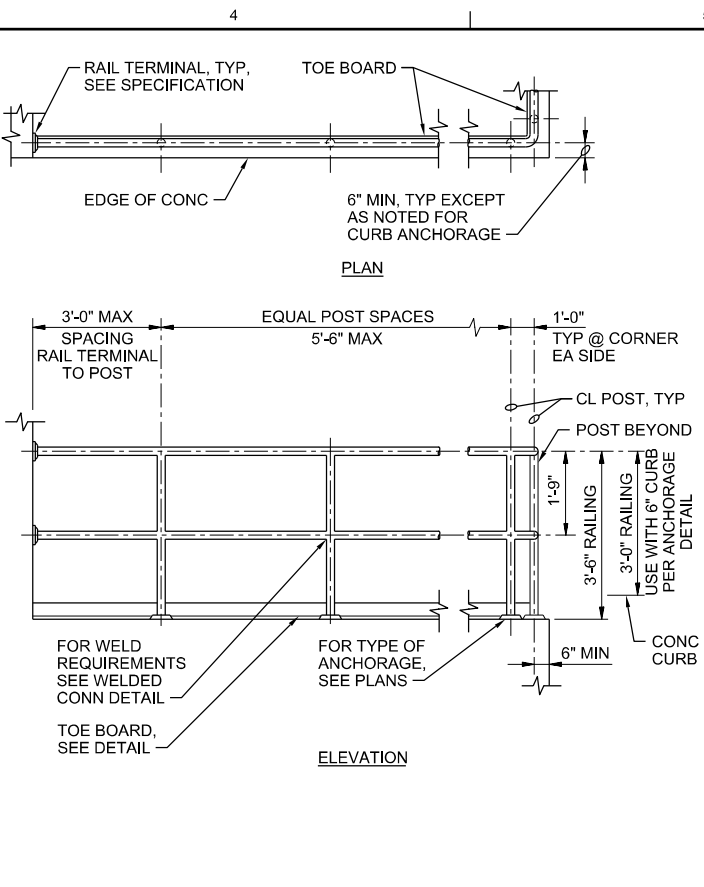
END OF ADDENDUM NO. 3



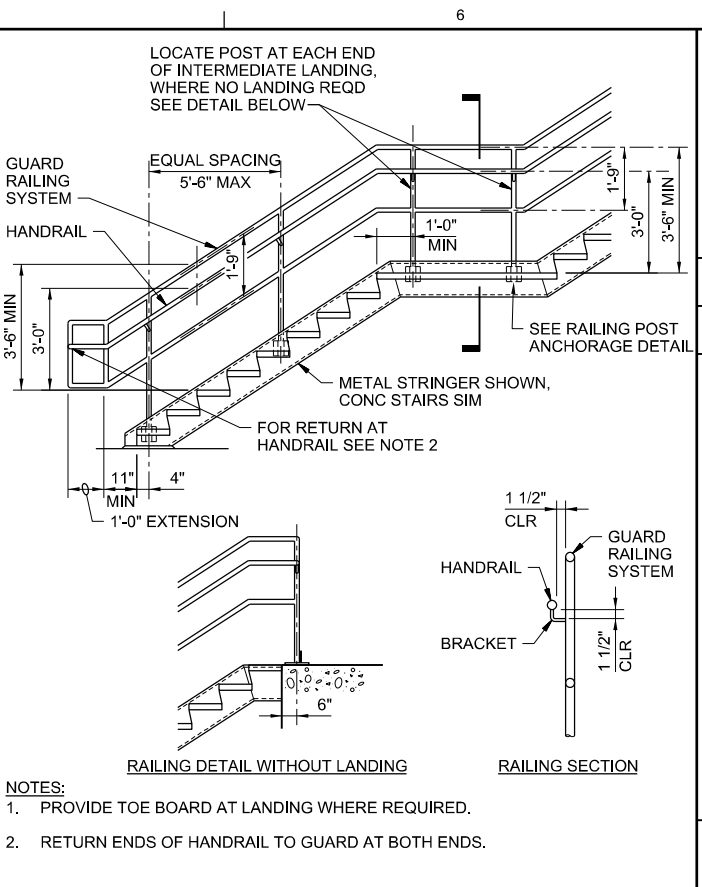
LADDER - STEEL - FLAT BAR UNDER COVER - TYPE 'A'
 DETAIL 1 OF 2 (0551-141)



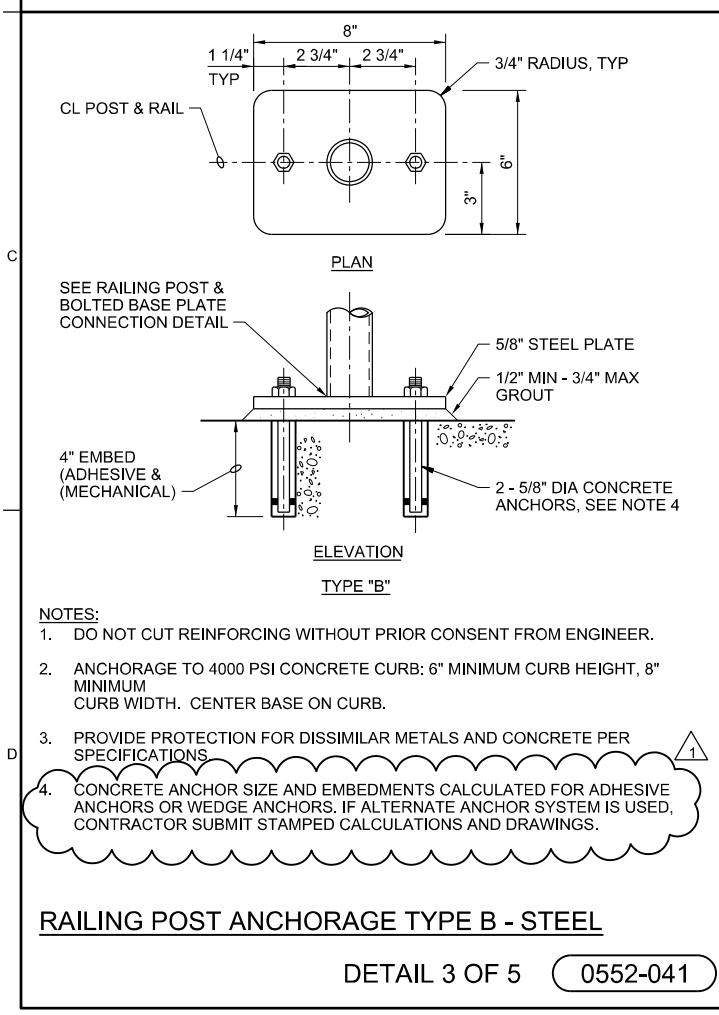
LADDER - STEEL - FLAT BAR DETAILS
 DETAIL 2 OF 2 (0551-141)



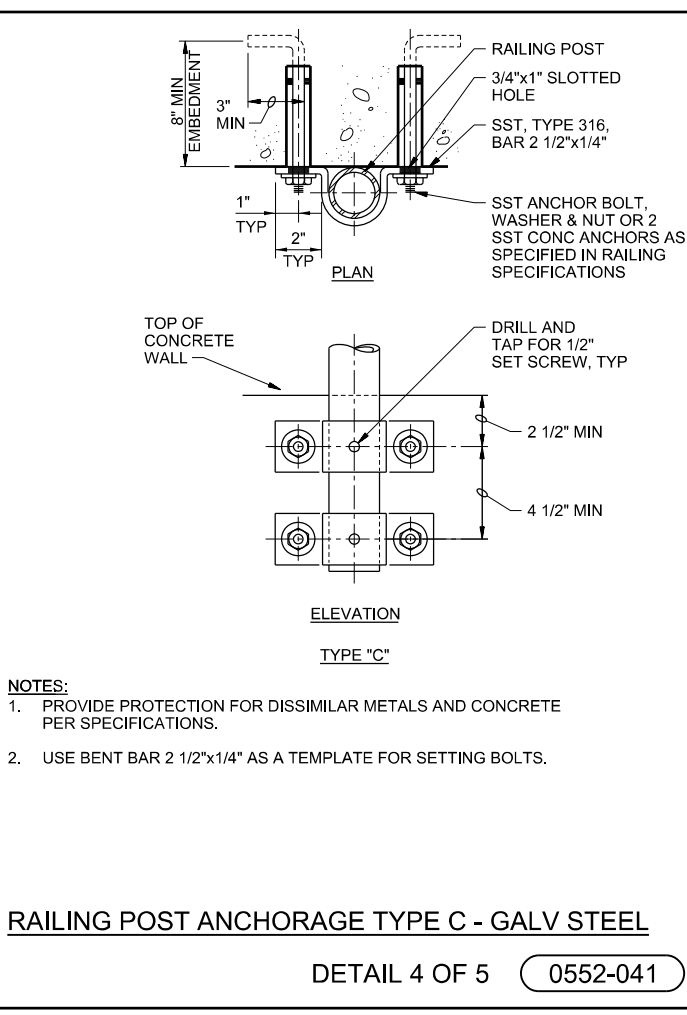
RAILING - 2 RAIL - STEEL
 DETAIL 1 OF 5 (0552-041)



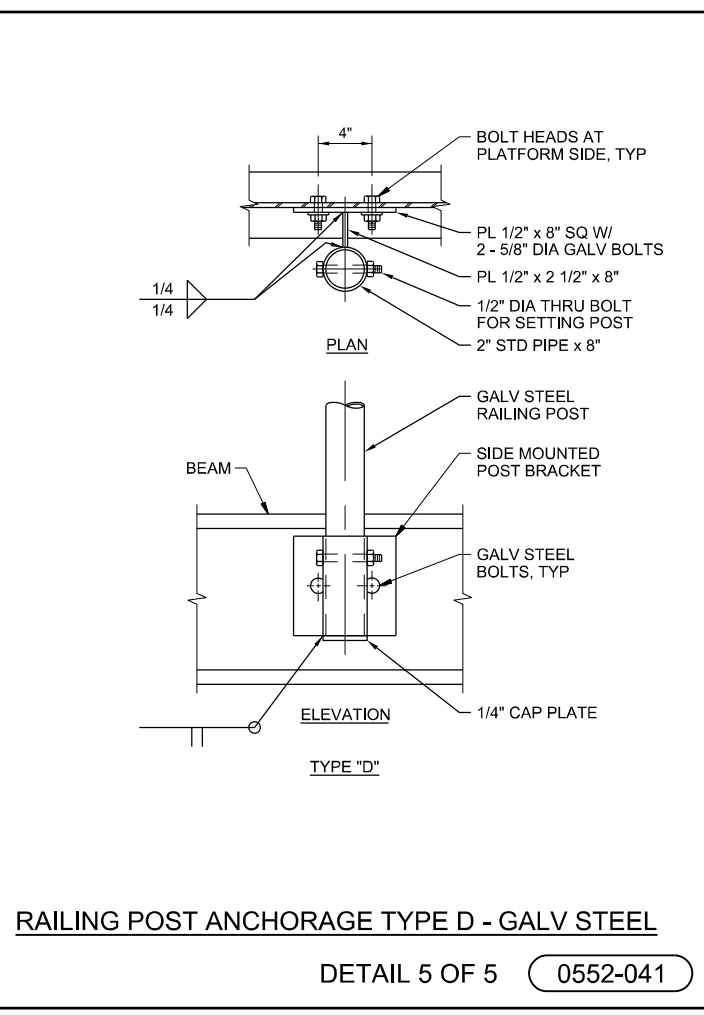
RAILING W/ EXTENSION - 2 RAIL STAIR
 DETAIL 2 OF 5 (0552-041)



RAILING POST ANCHORAGE TYPE B - STEEL
 DETAIL 3 OF 5 (0552-041)



RAILING POST ANCHORAGE TYPE C - GALV STEEL
 DETAIL 4 OF 5 (0552-041)



RAILING POST ANCHORAGE TYPE D - GALV STEEL
 DETAIL 5 OF 5 (0552-041)

04-21-2022

NO.	DATE	REVISION	AP/D	BY	BM	B MEMEO
1	04/21/2022	ADDENDUM 3		JM		
DSGN	J. KELLOGG	DR	J. MINOR	CHK	H. HENDRIKSON	

RIVERSIDE PUMPING PLANT REPLACEMENT

Natomas Mutual Water Company

Rio Linda, CA

Jacobs

STRUCTURAL

STANDARD DETAILS

NTS

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING.

DATE	MARCH 2022
PROJ	W8Y09800
DWG	900-SD-0006
SHEET	47 of 51



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**NATOMAS CENTRAL MUTUAL WATER COMPANY
RIVERSIDE PUMPING PLANT REPLACEMENT**

3804 Garden Highway
Sacramento, CA 95834

ISSUED

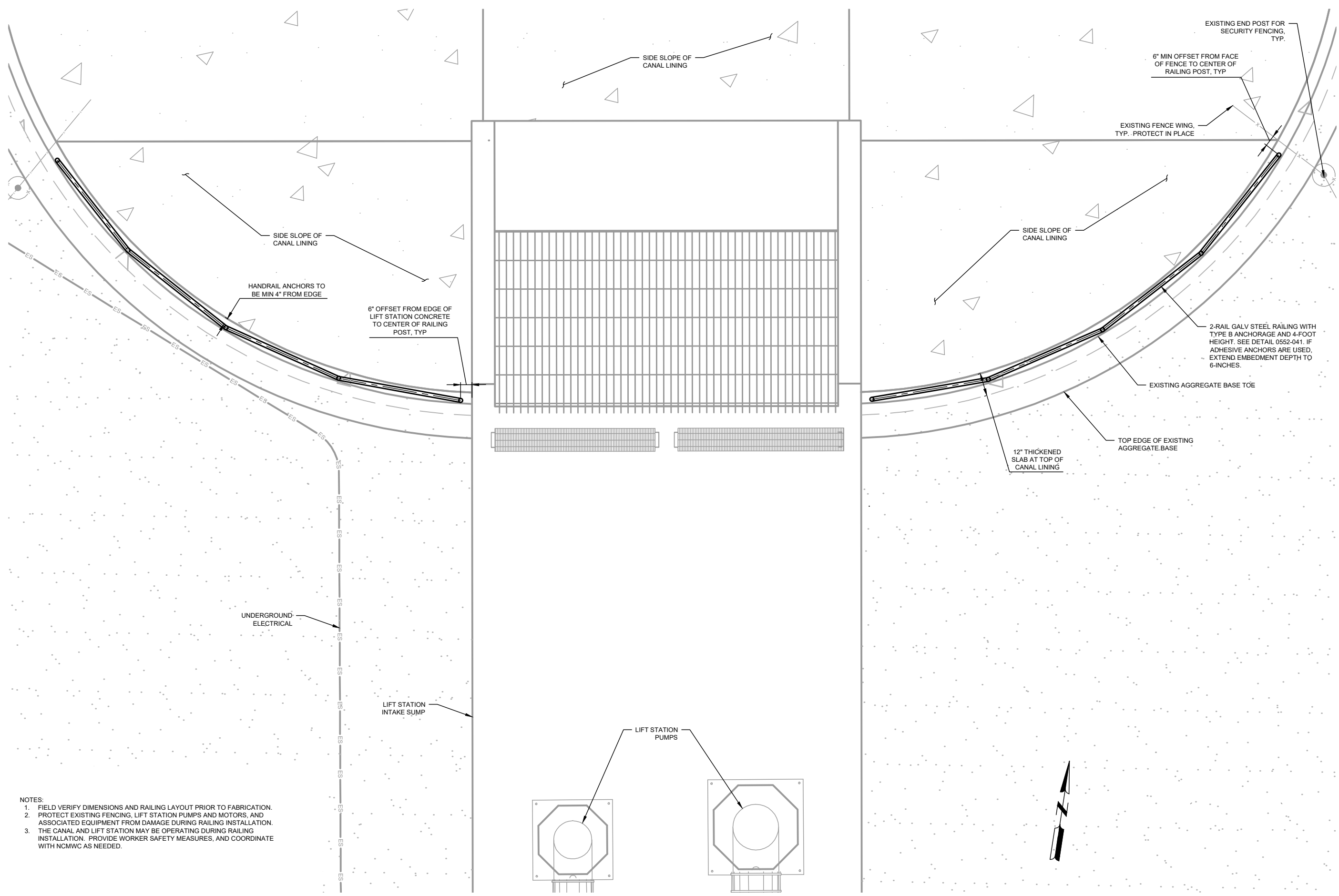
NOT FOR CONSTRUCTION

M&H NO.: 1941500-161390.01
DATE: 04/04/2022
DESIGNED BY: J. HADER
DRAWN BY: J. HADER
CHECKED BY: J. KASHIWADA
DO NOT SCALE DRAWINGS

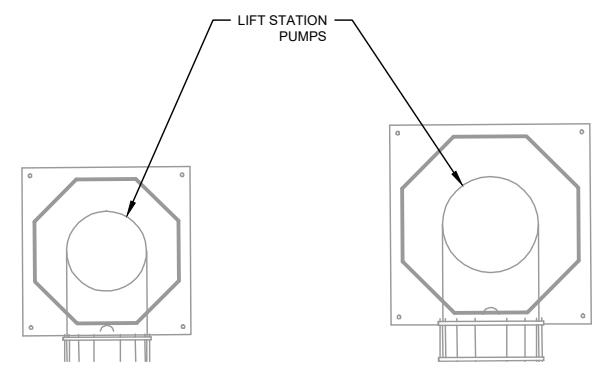
SHEET CONTENTS
RADIO ROAD LIFT
STATION RAILING

SHEET NO.

C-101



- NOTES:
1. FIELD VERIFY DIMENSIONS AND RAILING LAYOUT PRIOR TO FABRICATION.
 2. PROTECT EXISTING FENCING, LIFT STATION PUMPS AND MOTORS, AND ASSOCIATED EQUIPMENT FROM DAMAGE DURING RAILING INSTALLATION.
 3. THE CANAL AND LIFT STATION MAY BE OPERATING DURING RAILING INSTALLATION. PROVIDE WORKER SAFETY MEASURES, AND COORDINATE WITH NCMWC AS NEEDED.



1 LIFT STATION - HANDRAIL LAYOUT
1" = 5'
0 2.5 5 10

