

# INVITATION TO BID

**Contract 1457**

**MAINTENANCE AND REPAIR OF ALGIERS WATER TOWER**

**Solicitation #2024-SWB-22**



**Bid Due Date: May 29, 2024**

**Bid Due Time: 11:00 AM CST**

**Sewerage and Water Board of New Orleans**  
**Invitation to Bid**  
**MAINTENANCE AND REPAIR OF ALGIERS WATER TOWER**  
2024-SWB-22 Contract 1457

The Sewerage and Water Board of New Orleans (Board) is soliciting bids from companies for Maintenance and Repair of Algiers Water Tower.

Invitation to Bid (ITB) will be available **May 3, 2024** for download at the following websites:

Board: [https://www2.swbno.org/business\\_bidspecifications.asp](https://www2.swbno.org/business_bidspecifications.asp)

LAPAC: <https://wwwcfprd.doa.louisiana.gov/OSP/LaPAC/dspBid.cfm?search=department&term=181>

Fax and email submission will not be accepted.

There will be a Non-Mandatory walkthrough Thursday, May 9, 2024 at Algiers Water Plant located at 2940 Casimire St, New Orleans, LA 70131 at 2:00 PM Central Time.

Bids will be received by the Sewerage and Water Board of New Orleans Procurement Department by **May 29, 2024 at 11:00 AM** (Central Time). For submission instructions, see bid documents.

Bids will be publicly opened on **May 29, 2024 at 11:30 AM** (Central Time) in the Procurement Conference Room, Rm 131, located at 625 St. Joseph St., New Orleans, Louisiana 70165.

**LATE BIDS WILL NOT BE ACCEPTED.**

**Sewerage and Water Board of New Orleans**  
**Invitation to Bid**  
**MAINTENANCE AND REPAIR OF ALGIERS WATER TOWER**  
**Bidder's Information**

**1. Point of Contact/ Inquiries/ Requests for Information:**

The point of contact for this ITB is Connor Metcalf. All correspondence and other communications regarding this ITB shall be directed to Connor Metcalf, Procurement Analyst, Sewerage and Water Board of New Orleans, 625 St. Joseph Street, Room 133, New Orleans, Louisiana 70165.

Inquiries and/or Requests for Information are due to the Board's Procurement Department via email to [Cmetcalf@swbno.org](mailto:Cmetcalf@swbno.org) no later than timeline stated in the **Anticipated Bid Timetable** below. Any request received after that time may not be reviewed for inclusion in this ITB. The request shall contain the requester's name, address, and telephone number.

The Procurement Department will issue a response to any inquiry if it deems it necessary, by written addendum to the ITB, posted on Board's website, and issued prior to the ITB's Delivery Deadline. The Bidders shall not rely on any representation, statement, or explanation other than those made in this ITB or in any addenda issued. Where there appears to be a conflict between this ITB and any addendum issued, the last addendum issued will prevail.

Bids will be received by the Sewerage and Water Board of New Orleans Procurement Department as stated in the **Anticipated Bid Timetable**.

**2. Submission Instructions:**

**Ways to submit a bid:**

**Hard Copy Submission:**

- (1) Signed hardcopy of the bid in a sealed envelope

Mark the front envelope with the following:

Solicitation # 2024-SWB-22 Maintenance and Repair of Algiers Water Tower

Company Name

Company Address

Company Contact Name, Phone Number, and Email Address

Address envelope to:

Sewerage and Water Board of New Orleans  
Attn: Connor Metcalf  
625 St. Joseph St. Rm 133  
New Orleans, LA 70165

Fax and email submission will not be accepted.

### 3. **Mail or courier specifications:**

Bidder remains responsible for ensuring that the bid is delivered prior to the submission deadline with a proof of delivery. Failure to meet the submission deadline, irrespective of the mode of delivery, shall result in the rejection of the bid.

- Bid documents should be contained in a sealed envelope and be placed in the shipping envelope or box. If the mailed bid is not contained in a separate sealed envelope, the bidder takes the risk that the envelope may be inadvertently opened and the information compromised.
- Please add the Procurement Analyst's name in the Attention Line of the shipping label to ensure proper delivery.

### 4. **Bid Opening**

Bids will be received by the Sewerage and Water Board of New Orleans Procurement Department as stated in the **Anticipated Bid Timetable**.

Bids will be publicly opened in the Procurement Conference Room, Rm 131, located at 625 St. Joseph St., New Orleans, Louisiana 70165 or if you are unable to attend this in-person meeting, you can also join via teleconference call:

## **Microsoft Teams**

### **[Join the meeting now](#)**

Meeting ID: 267 905 533 19

Passcode: XY6aB3

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### **Dial-in by phone**

[+1 504-224-8698,,663429607#](#) United States, New Orleans

[Find a local number](#)

Phone conference ID: 663 429 607#

### 5. **Anticipated Bid Timetable**

The Board will make every effort to administer the ITB process in accordance with the terms and dates discussed in this solicitation. However, the Board reserves the right to modify the ITB process and dates as deemed necessary at its sole discretion. The Procurement Department will a written addendum to the ITB should there be any changes.

Event	Date	Local
ITB Release	May 3, 2024	
Bidders' Written Questions Deadline	May 15, 2024	5:00 PM
Responses to Questions	May 22, 2024	
Bid Due Date and Time	May 29, 2024	11:00 AM
Bid Opening	May 29, 2024	11:30 AM
Award of Contract	TBD	

**6. Changes, Addenda, or Withdrawal of Bids Before Deadline:**

Any changes or addenda to a bid must be submitted in writing, signed by the authorized representative, cross-referenced clearly to the relevant bid section, and received by the Board's Procurement Department prior to the bid due date and time. Changes and addenda must meet all requirements for the bid. Any Bidder choosing to withdraw must submit a written withdrawal request to the Board's Procurement Department prior to the bid due date and time.

**7. Prohibition on Communication:**

From the time of advertising, and until the final award, there is a prohibition on communication by any Bidder (or anyone on their behalf) with the Board staff. Breaking the established prohibition on communication may result in a disqualification of the bid.

The point of contact for this ITB is Connor Metcalf. All correspondence and other communications regarding this ITB shall be directed to Connor Metcalf, Procurement Analyst, Sewerage and Water Board of New Orleans, 625 St. Joseph Street, Room 133, New Orleans, Louisiana 70165.

**8. Economically Disadvantaged Business Program**

To ensure the full participation of DBE's in all phases of the Board's procurement activities, all Bidders at time of bid submission shall complete and submit an Economically Disadvantaged Business Participation Summary Sheet along with signed correspondence from SLDBE(s) on their letterhead.

A DBE goal of **zero (0%)** has been established for this ITB. If a DBE Participation Summary Sheet is not submitted and signed correspondence are not submitted, it shall be determined that the bidder is considered non-responsive.

Contractor agrees to use its best efforts to carry out this policy by utilizing the current listings of approved DBE vendors available at the Board's website at [https://www.swbno.org/business\\_disadvantagedbusinessprogram.asp](https://www.swbno.org/business_disadvantagedbusinessprogram.asp).

9. Bidders must complete all required attachments. Failure to complete and submit the required documents and attachments shall result in your bid being deemed non-responsive.

NOTE: BIDS ON FORMS OTHER THAN THOSE PROVIDED WILL NOT BE CONSIDERED.

10. All bids must be received by the Board on or before the Delivery Deadline. Bids delivered after the said deadline shall be rejected.
11. The naming of a certain brand, make, or manufacturer, or definite specifications is used only to denote the quality standard of product desired and that the bidder is not restricted to a specific brand, make, manufacturer or specification named but that the brand, make, manufacturer or definite specification is used only to set forth and convey to prospective bidders the general style, type, character, and quality of product desired and that equivalent products will be acceptable.
12. Prices bid in the submission must be written or typed legibly. Erasures or other changes in the Bid Prices must be initialed by the Bidder.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN WILL BE ACCEPTED. PENCIL FIGURES OR PENCIL SIGNATURES WILL DISQUALIFY BIDDER.

13. Discrepancies between the indicated product of any row of figures on the Bid Form and the correct product will be resolved in favor of the correct product. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.
14. Submissions from any person, firm or corporation in default upon any contract with the Board will neither be received nor considered.

- 15. Any bid which does not fully comply with all the provisions of the “Bidder’s Instructions” and the “Specifications” will be deemed non-responsive.**
16. If a Bidder withdraws their bid after the bid due date and time and/or the bid opening time, the withdrawing Bidder will be prohibited from resubmitting for this ITB in accordance with La. R.S. 38:2214(D)(1).
17. The Contract may be awarded to a single bidder or to separate bidders whichever should appear to the best interest of the Board. If two or more bids are received, equal in amount and lower than any other bid, the Board reserves the right to evaluate the bids and to decide which bid will be accepted. All other conditions being equal, preference will be given in accordance with La. R.S. 38:2184.
18. The Board reserves the right to reject any and all bids or proposals for just cause.
19. All bid pricing shall remain firm for a period of ninety (90) days after the date of bid opening.

**20. Awards**

The Board specifically reserves the right to evaluate bids and award items separately, grouped or on an all or none basis, and to accept the bid which is in the best interest of the Board, and to reject all proposals if that is in the best interest of the Board.

**21. Objection of Recommendation/Award**

Any formal protest against the recommendation of award which is to be made by an aggrieved Proposer must be submitted in writing to the Procurement Director, Cashanna K Moses at [cmoses@swbno.org](mailto:cmoses@swbno.org) according to the Board’s Policy 83(R): Procedural Rules for Bid Appeals.

**22. Tabulations**

To view unofficial bid tabulations after the bids have opened, please visit the Board website under Doing Business – Bids – Tabulations

[https://www2.swbno.org/business\\_bidtabulations.asp](https://www2.swbno.org/business_bidtabulations.asp)

**23. Ownership:**

All bids to this ITB are the property of the Board for all purposes. Bidders must clearly mark individual documents or information that the applicant claims are exempt from public record disclosure and specifically justify the exemption. The Board does not guarantee the confidentiality of submissions.

**24. Effect:**

This ITB and any related discussions, evaluations, qualifications, or resulting solicitations by the Board or any person on its behalf create no rights or obligations whatsoever except as provided in this ITB. The Board may cancel or modify this ITB or any resulting solicitation at any time at will, with or without notice. Anything to the contrary notwithstanding, any professional services agreement executed by the Board will be issued the exclusive statement of rights and obligations extending from this solicitation.

**25. Errors or Omissions:**

The Board will not be liable for any error in any bid. Bidder will not be allowed to alter bid documents after the deadline for bid submission, except under the following condition: The Board reserves the right to make corrections or clarifications due to patent errors identified in bids by the Board or the Bidder. The Board, at its option, has the right to require clarification or additional information from the Bidder.

**26. Cost of Preparation:**

The Board is not liable for any costs incurred by prospective Bidders or Contractors prior to issuance of or entering a Contract. Costs associated with developing the bid, and any other expenses incurred by the Bidder in responding to the ITB are entirely the responsibility of the Bidder and shall not be reimbursed in any manner by the Board.

**28. Public Records Requests**

To request a public record for the proposal documents, please submit to the following website: <https://swbno.nextrequest.com/>



# Specifications

## 1. Beginning Dates of Contract and Shipments

The initial contract period will begin on the date the contract is signed by the Board and will cover the requirements until December 31, 2024. The contractor shall be prepared to begin shipments per the shipment delivery requirements in these specifications immediately upon execution of the contract.

The quantity listed is an estimate. In the event a greater or lesser quantity is needed, the Board reserves the right to increase or decrease quantity as needed.

## 2. Length of Contract Term

The unit prices shall cover the requirements of the Board for a period until December 31, 2024, with options. If requested by the Contractor and approved by the Board.

Upon the expiration of the initial contract term or any contract extension, the Contractor will continue to supply the product or services under the same terms and conditions on a month to month basis, for a maximum of three (3) months, until receiving a 30-day written notice of termination.

## 3. Contract Renewal Option

Between ninety (90) and one hundred twenty (120) days prior to the end of the initial contract period, the Contractor shall submit in writing to the Board (to the address specified in Paragraph 1, herein) stating their intent to renew (or not to renew) the contract with all terms, conditions, and prices of the original contract. Upon receiving and evaluating any proposals for contract renewal, the Board will have the option to accept this proposal for the additional renewal term(s), or to reject this proposal and open the contract for public bid if doing so would be in the best interest of the Board.

# TECHNICAL SPECIFICATIONS

Contractor shall provide all labor and materials necessary to blast-clean, recoat, and disinfect the interior of the Two Million (2,000,000) Gallon Elevated Water Tank at 2940 Casimire Street, Algiers LA 70131.

The scope of work is estimated as 8-12 weeks for completion. It is essential that all work is completed on the tank and returned to service by December 31, 2024.

Documents are included to aid with contractor understanding, planning and reference as follows:

1. Appendix A: Engineering drawings including internal fabrication shop drawings for contractor planning and reference.
2. Appendix B: The 2022 inspection report from Pittsburg Tank & Tower Group's tank survey.

This project entails adding OSHA compliant ladders, blast-cleaning, recoating and post painting disinfection of the interior surfaces of the Algiers Water Tower. The contractor shall coordinate with Operations prior to work which will include:

3. Mobilize in preparation for the repairs. Contractor shall coordinate all work with engineering.
4. Contractor shall provide all safety equipment and environmental protection equipment required for this work,
  - a. Containment of debris shall be per SSPC Guide 6-21 "Guide for Containing Debris Generated During Paint Removal Operations".
5. Ladders
  - a. Install OSHA 1910.23(b)(4) compliant interior bowl access ladders complete with standoffs every 10' on center at primary roof hatch, secondary roof hatch, and both secondary manways. See page 21 of PTTG Inspection Report attached.
6. Blast-cleaning

The rusted and abraded area of tank interior shall be Society for Protective Coating-SSPC-SP10 Near-White Metal Blast Cleaned, and brush blast all remaining surfaces to SSPC-SP7.
7. Painting
  - a. Coatings shall be in strict compliance with D102-21: AWWA STANDARD FOR COATING STEEL WATER-STORAGE TANKS
  - b. First (Primer) Coat shall be Tnemec Series 91 H<sub>2</sub>O Hydro-Zinc, thickness 2.5-3.5 mils.

- c. After completion of blast-cleaning and applying the first coat, all pits shall be filled with Tnemec Series Two hundred fifteen Pit Filler or equal.
- d. Stripe coat shall be applied by contractor to interior weld seams and nuts and bolts using Tnemec Series Twenty Pota-Pox Epoxy or equal.
- e. Intermediate coat shall be Series N 140 Beige Pota-pox primer or Tnemec N140F-1255 Beiger Pota-Pox (fast cure), plus 5.0-7.0 mils.
- f. Finish coat shall be Series 140N 15BL Tank White Pota-Pox or Tnemec Series N140 F-15BL Tank White Pota-Pox (fast cure), 5.0-7.0 mils.
- g. Upon completion of the blast-cleaning and three (3) coat paint system, all weld seams shall be caulked using Sika Flex One or equal.

## 8. Disinfecting

- a. Upon completion of all blast-cleaning and painting the tank will have to set for seven (7) days for the paint system to cure. After seven (7) day cure time, contractor shall disinfect the tank as follows.
  - i. Tank Interior shall be solvent washed per Society for Protective Coatings SSPC- SP1, High Pressure Washed.
  - ii. The interior of the tank shall be disinfected per American Water Works Association C652-19. Method 2 and Method 3 are recommended. Due to system constraints, the tank can only be pumped to overflow between 12:00 am and 4:30 am when usage is low. Also, the contractor shall ensure high levels of chlorine are not mixed into the distribution system. If chlorinated water is discharged to the environment, it shall be in accordance with AWWA C655. Contractor shall supply disinfection procedure to engineer for review.
  - iii. After disinfecting the water quality shall be sampled and tested to satisfaction per AWWA652-19 section 5.1 "Water Quality Sampling and Testing".

## 9. Clean-up and Demobilization

- a. Clean up of all equipment, generated debris and demobilize from job site.

10. If upon entry the contractor discovers any hidden repairs required, they shall immediately contact engineering for resolution and stop any work affected by the pending repair.

## **SUBMITTALS**

- 1. Product data for each product shall be submitted to engineer for approval
- 2. Complete work schedule shall be submitted to engineer

## **CLEAN UP**

- 1. The clean-up operations and removal of dust or other debris resulting from any phase of the work shall be performed by the Contractor daily. The project area and other areas used by the Contractor shall be left in a condition that is acceptable to the Engineer.

2. All debris shall be removed from the site by the Contractor and disposed of in accordance with applicable laws and ordinances of the City of New Orleans. Burning of combustible materials from demolished structures will not be permitted on site.

ATTACHMENT A

INVITATION TO BID REQUIREMENTS

Solicitation # 2024-SWB-22

**MAINTENANCE AND REPAIR OF ALGIERS WATER TOWER**

Please note this checklist serves ONLY as a helpful guide. The Solicitation Checklist DOES NOT relieve the Bidder of the responsibility of ensuring that all requirements are included with their response. Please review the solicitations in its entire requirements, specifications, terms, and conditions of the solicitation for details.

\_\_\_\_\_ Attachment B Cover Sheet **(Required)**

\_\_\_\_\_ Attachment C Bid Forms **(Required)**

\_\_\_\_\_ Attachment D Affidavits **(Required)**

Attachment A Invitation to Bid Requirements **(Informational Purposes)**

Attachment E Terms and Conditions **(Informational Purposes)**

Failure to submit all required documents will render your bid non-responsive.

**ATTACHMENT B**  
**COVER SHEET**

**Invitation to Bid: 2024-SWB-22 MAINTENANCE AND REPAIR OF ALGIERS WATER TOWER**

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

**Please provide the key contact person's information below:**

**Primary Contact Person:**

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Cell Phone: \_\_\_\_\_ Email Address: \_\_\_\_\_

**This ITB must be signed by an authorized Representative of the Company/Firm for bid to be valid. Signing indicates you have read and comply with the Instructions and Conditions.**

Name of Person Authorized to Sign: \_\_\_\_\_

Title of Person Authorized to Sign: \_\_\_\_\_

Signature of Person Authorized to Sign: \_\_\_\_\_

Email Address of Person Authorized to Sign: \_\_\_\_\_

Date: \_\_\_\_\_

**ATTACHMENT C**

**Maintenance and Repair AWP Tower  
(ITEM NOS. 1 THROUGH 2)**

Vendor:				
<b>Item No.</b>	<b>Quantity</b>	<b>Description</b>	<b>Price Per Unit</b>	<b>Total Price</b>
Item No. 1	1	Blast-Clean, Recoat and Disinfect Interior of Algiers Water Tower - 2940 Casimire Street, Algiers, LA 70131	\$	\$
Item No. 2	4	Install OSHA compliant Ladders	\$	\$
<b>TOTAL FOR ITEM NOS. 1 THROUGH 2</b>				<b>\$</b>

**ATTACHMENT D**  
**CONVICTED FELON AFFIDAVIT**

STATE OF \_\_\_\_\_

PARISH/COUNTY OF \_\_\_\_\_

Before me, the undersigned authority, came and appeared \_\_\_\_\_,

who, being first duly sworn, deposed and said that:

1. He/She is the \_\_\_\_\_ and authorized representative of \_\_\_\_\_, hereafter called "Contractor."
2. The Contractor complies with **City Code Section 2-8 (c) for the City of New Orleans.**
3. No Contractor principal, member, or officer has, within the preceding five years, been convicted of, or pled guilty to, a felony under state or federal statutes for embezzlement, theft of public funds, bribery, or falsification or destruction of public records.

\_\_\_\_\_  
Proposer Representative (Signature)

\_\_\_\_\_  
(Print or type name) (Address)

Sworn to and subscribed before me, in (CITY/STATE) \_\_\_\_\_

This \_\_\_\_ day of (MONTH) \_\_\_\_\_, 20 \_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Notary Identification No./Bar Roll No.



**ATTACHMENT D**  
**NON-SOLICITATION AFFIDAVIT**

STATE OF \_\_\_\_\_

PARISH/COUNTY OF \_\_\_\_\_

Before me, the undersigned authority, came and appeared \_\_\_\_\_,

who, being first duly sworn, deposed and said that:

1. He/She is the \_\_\_\_\_ and  
authorized representative of \_\_\_\_\_ hereafter called "Contractor."
2. The Contractor has not employed or retained any company or person, other than a bona fide employee working solely for Contractor, to solicit or secure the subject contract. The Contractor has not paid or agreed to pay any person, other than a bona fide employee working for Contractor, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the subject contract.

\_\_\_\_\_  
Contractor Representative (Signature)

\_\_\_\_\_  
(Print or type name) (Address)

Sworn to and subscribed before me, in \_\_\_\_\_, Louisiana,

this \_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Notary Identification No./Bar Roll No.

**ATTACHMENT D**  
**NON-COLLUSION AFFIDAVIT**

STATE OF \_\_\_\_\_

PARISH/COUNTY OF \_\_\_\_\_

\_\_\_\_\_, being first duly sworn, deposes and says that:

(1) S/He is (Owner) (Partner) (Office) (Representative) or (Agent), of:

\_\_\_\_\_  
the Proposer that has submitted the attached Proposal:

(2) Such Proposal is genuine and is not a collusive or sham Proposal:

(3) Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties of interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly, or indirectly with any other Proposer, firm or person to submit a collusive or sham proposal in connection with the Contract for which the attached Proposal has been submitted or to refrain from proposing in connection with such contract, or has in any manner, directly or indirectly sought by agreement or collusion or communication or conference with any other Proposer, or to fix any overhead, profit or cost element of the proposal price or the proposal price of any other proposer, or to secure through any advantage against the Sewerage and Water Board of New Orleans of any person interested in the proposed contract; and

(4) The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

\_\_\_\_\_  
Proposer Representative (Signature)

\_\_\_\_\_  
Title

\_\_\_\_\_  
(Print or type name)

SWORN TO AND SUBSCRIBED BEFORE ME

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_. Notary ID#/Bar Roll # \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC (Signature)

\_\_\_\_\_  
NOTARY PUBLIC (Print Name)

**ATTACHMENT D  
CONFLICT OF INTEREST DISCLOSURE AFFIDAVIT**

STATE OF \_\_\_\_\_

PARISH/COUNTY OF \_\_\_\_\_

Before me, the undersigned authority, came and appeared \_\_\_\_\_ who, being first duly sworn, deposed and said that:

He/She is \_\_\_\_\_ and authorized representative of \_\_\_\_\_,  
Hereafter called "Bidder."

The Respondent hereby confirms that a conflict(s) of interest **exists /does not exist/may exist (circle one)** in connection with this solicitation which might impair Respondent's ability to perform if awarded the contract, including any familial or business relationships that the Respondent, the proposed subcontractors, and their principals have with the Board officials or employees.

*(If a conflict(s) of interest exists and/or may exist, describe in a letter the nature of the conflict, the parties involved and why there is a conflict. Attach said letter to this form).*

\_\_\_\_\_  
Respondent Representative (Signature)

\_\_\_\_\_  
(Print or type name)

\_\_\_\_\_  
(Address)

SWORN TO AND SUBSCRIBED BEFORE ME  
THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
NOTARY PUBLIC (Signature)

\_\_\_\_\_  
NOTARY PUBLIC (Print Name)

Notary ID#/Bar Roll# \_\_\_\_\_

**ATTACHMENT D**  
**BIDDERS'S ORGANIZATION**

**AN INDIVIDUAL**

Individual's Name: \_\_\_\_\_

Doing business as: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_ Email: \_\_\_\_\_

**A PARTNERSHIP**

Firm Name: \_\_\_\_\_

Address: \_\_\_\_\_

Name of person authorized to sign: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_ Email: \_\_\_\_\_

**A LIMITED LIABILITY COMPANY**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Name of person authorized to sign: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_ Email: \_\_\_\_\_

**A CORPORATION**

**IF PROPOSAL IS BY A CORPORATION, THE CORPORATE RESOLUTION MUST BE SUBMITTED WITH PROPOSAL.**

ATTACHMENT D  
**CORPORATE RESOLUTION**

A meeting of the Board of Directors of \_\_\_\_\_ a corporation organized under the laws of the State of \_\_\_\_\_ and domiciled in \_\_\_\_\_ was held this \_\_\_\_\_ day \_\_\_\_\_, 20\_\_\_\_ and was attended by a quorum of the members of the Board of Directors.

The following resolution was offered, duly seconded and after discussion was unanimously adopted by said quorum:

**BE IT RESOLVED**, that \_\_\_\_\_ is hereby authorized to submit proposals and execute agreements on behalf of this corporation with the Sewerage and Water Board of New Orleans.

**BE IT FURTHER RESOLVED**, that said authorization and appointment shall remain in full force and effect, unless revoked by resolution of this Board of Directors and that said revocation will not take effect until the Procurement Director of the Board, shall have been furnished a copy of said resolution, duly certified.

I, \_\_\_\_\_, hereby certify that I am the Secretary of \_\_\_\_\_, a corporation created under the laws of the State of \_\_\_\_\_; that the foregoing is a true and exact copy of a resolution adopted by a quorum of the Board of Directors of said corporation at a meeting legally called and held on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, as said resolution appears of record in the Official Minutes of the Board of Directors in my possession.

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

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**SECRETARY**

## **ATTACHMENT E**

# **TERMS AND CONDITIONS**

### **ACT 318 OF 1958**

Under the terms of Act 318 of 1958, of the Regular Session of the Legislature of the State of Louisiana, all things being equal, preference must be given to either (1) firms doing business in the State of Louisiana or (2) to products produced, grown, or manufactured in the State.

Before any bill for supplies shall be paid to any non-resident firm, a statement in writing shall be submitted by the seller to the effect that his firm has paid all taxes duly assessed by the State of Louisiana and its political subdivisions including franchise taxes, privilege taxes, sales taxed and all other taxes for which it is liable to the State and its political subdivisions.

### **JURISDICTION & CHOICE OF LAWS**

The law of the State of Louisiana shall govern this contract. Exclusive venue for any lawsuits of disputes arising from or related to this solicitation or an agreement negotiated pursuant thereto shall be in the Civil District Court for the Parish of Orleans. This agreement shall be construed and enforced in accordance with the laws of the State of Louisiana, excepting its conflict of law provisions.

### **RIGHT TO AUDIT**

The Board has the right to audit by its personnel or its authorized representative at all reasonable times, all records pertaining to the administration of this contract by the contractor, including its records of any subcontractor(s) employed on the contract. Such records shall be made and kept by the contractor in accordance with generally accepted accounting principles and practices. Records shall include, but are not limited to, accounting records, daily reports, correspondence, and subcontract files (hard copies as well as computer readable data, if it can be made available).

Records subject to audit shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to cost and/or change order requests associated with this contract. The Board also reserves the right to interview employees, make photocopies, inspect all records at a reasonable time for a minimum of five (5) years after completion of the project or formal acceptance by the Board of the contract. Contractors shall be required to retain such files of the project as described herein for a minimum of five (5) years after completion of the project or formal acceptance of the contract by the Board.

### **INDEPENDENT VENDOR STATUS**

The Vendor is an independent Vendor and will not be deemed an employee, servant, agent, partner, or joint venture of the Board and will not hold itself or any of its employees, subcontractors, or agents to be an employee, partner, or agent of the Board.

## **NON-DISCRIMINATION**

In the performance of this Agreement, the Vendor will not discriminate on the basis, whether in fact or perception, of a person's race, color, creed, religion, national origin, ancestry, age, sex (gender), sexual orientation, gender identity, domestic partner status, marital status, physical or mental disability, or AIDS – or HIV status against (1) any employee of the Board working with the Vendor in any of Vendor's operations within Orleans Parish or (2) any person seeking accommodations, advantages, facilities, privileges, services or membership in all business, social, or other establishments or organizations operated by the Vendor. The Vendor agrees to comply with and abide by all applicable federal, state, and local laws relating to non-discrimination, including, without limitation, Title VII of the Civil Rights Act of 1964, Section V of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990.

## **NON-DISCRIMINATION IN EMPLOYMENT**

In all hiring or employment made possible by, or resulting from this Agreement, there (1) will not be any discrimination against any employee or applicant for employment because of race, color, religion, gender, age, physical or mental disability, national origin, sexual orientation, creed, culture, or ancestry, and (2) where applicable, affirmative action will be taken to ensure the Vendor's employees are treated during employment without regard to their race, color, religion, gender, age, physical or mental disability, national origin, sexual orientation, creed, culture, or ancestry.

This requirement shall apply to, but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. All solicitations or advertisements for employees shall state that all qualified applicants will receive consideration for employment without regard to race, orientation, creed, culture, or ancestry. The Vendor will require all sub-contractors to comply with the requirements of this article.

## **NON-COLLUSION STATEMENT**

The Contractor confirms that this Agreement is entered into with the Board without any connection with any person or persons making a proposal for the same services, and that it is in all respects fair and without collusion or fraud; also that no member of the Board or public official of the City, who are by law are excluded from participation herein, is directly or indirectly interested herein or in furnishing the services to which it relates or in any portion of the profits thereof.

## **NON-SOLICITATION STATEMENT**

The Contractor has not employed or retained any company or person, other than a bona fide employee working solely for it, to solicit or secure this Agreement. The Contractor has not paid or agreed to pay any person, other than a bona fide employee working for it, any fee,

commission, percentage, gift, or any other consideration contingent upon or resulting from this Agreement.

### **CONVICTED FELON STATEMENT**

By submitting a bid, the Contractor confirms that no principal, member, or officer of the Contractor has, within the preceding 5 years, been convicted of, or pled guilty to, a felony under state or federal statutes for embezzlement, theft of public funds, bribery, or falsification or destruction of public records.

### **INSURANCE**

1. Except as otherwise noted, at all times during this Agreement or the performance of work required by this Agreement, the Consultant will maintain the following insurance in full force and effect for the duration of the work under this Agreement:

#### **A. Minimum Requirements:**

- i. Consultant shall maintain at its own expense, and in good standing, such insurance as will protect the SWBNO, the City of New Orleans, their officers, officials, employees, boards, commissions, and volunteers, and the Consultant itself, from and against any and all claims or damages to public or private property or personal injury, including death, to employees or the public, which may arise from any operations under this contract or any of its subcontracts. The coverage shall contain no special limitations on the scope of protection afforded to the SWBNO or the City. Both the SWBNO and the City shall appear as "Additional Insured" on all Commercial General Liability and Business Automobile Insurance. Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the SWBNO and the City, their officers, officials, employees, boards and commissions, and volunteers.

The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

If this transaction requires the Consultant or subconsultant's employees to enter SWBNO's facilities or job sites, a senior employee of the Consultant and/or any subconsultant will review the SWBNO's Safety Orientation Notice (Notice) and will explain this Notice to every employee who will enter SWBNO facilities. This Notice is included as a part of the specifications for this contract.

Consultant and its insurers shall agree to waive all rights of subrogation, except on their Professional Liability Policy, against the SWBNO, the City, and their officers, officials, employees, boards and commissions, and volunteers for losses arising from work performed by the Consultant for SWBNO and the City. Each insurance policy required by this contract shall be endorsed to state that coverage shall not be suspended, voided, or canceled by either party, or reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, that has been given to the Risk Manager of SWBNO. In general, insurance is to be placed with insurers with a Best's rating of at least A-, although this requirement may be reviewed and modified by the Risk Manager of SWBNO in the best interest of SWBNO. The Risk Manager may also consider performing such review upon



written request from consultant. Consultant shall furnish SWBNO and the City with certificates of insurance affecting coverage required by this contract. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.

The certificates of insurance are to be received and approved by the Risk Managers of SWBNO and the City before work commences. In the event of a claim, Consultant shall make applicable insurance policies available for review by SWBNO and the City. Consultant shall retain its rights to restrict disclosure of Consultant's proprietary information.

The following are the types of insurance policies and the minimum limits of insurance coverage which shall be maintained by consultant during the entire term of the Contract:

- a) **WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE**, as will protect it from claims under Workers' Compensation Laws. The Workers' Compensation section of the policy shall afford statutory limits and be in accordance with all Louisiana Workers' Compensation Statutes. The Employers' Liability limit shall not be less than \$1,000,000 each accident for bodily injury by accident and \$1,000,000 each employee/policy limit for bodily injury by disease. Whenever any vessel or floating equipment is involved, the insurance shall afford coverage under the Federal Longshoremen's and Harbor Workers' Act, and shall also include protection for injuries and/or death to Masters and Members of the crews of vessels with statutory limits in accordance with the Jones Act.
- b) **COMMERCIAL GENERAL LIABILITY INSURANCE**, with a limit of not less than \$1,000,000 each occurrence and \$2,000,000 general aggregate, including Explosion, Collapse, and Underground Property Damage Hazards. The Products-Completed Operations aggregate limit shall not be less than \$1,000,000 each occurrence. The general aggregate limit shall apply separately to this project.
- c) **BUSINESS AUTOMOBILE INSURANCE**, which shall cover liability arising from any auto (including owned, hired, and non-owned vehicle). The limit of liability shall not be less than \$1,000,000 combined with each accident for all injuries, property damage, and/or death resulting from one occurrence.
- d) **ERRORS AND OMISSIONS/PROFESSIONAL LIABILITY INSURANCE**, whichever is applicable to the particular profession or service to be provided, with limit of not less than \$1,000,000 each Claim, with a \$2,000,000 annual aggregate, **without** any restrictive "negligent act, negligent error, or negligent omission" clause and sufficient to protect the Consultant, SWBNO, and the City, for a five (5) year period from completion of this contract, against any and all claims which may arise from the Consultant's negligent performance of work described herein.

In addition, Consultant shall be required to furnish to the Risk Manager of SWBNO all copies of investigative reports regarding all claims filed with the Consultant and its insurance carriers relative to the contract, apart from claims filed against his Workers' Compensation Insurance. Such reports shall include date, location, and description of loss as well as amounts of settlements or judgments in order that annual aggregate limits may be monitored by SWBNO for Consultant's compliance with these specifications.

The furnishing of insurance as provided above shall not relieve Consultant of its responsibility for losses not covered by insurance. Prior to the signing of the contract, evidence of all such applicable insurance satisfactory to SWBNO shall be filed with the Risk Manager of SWBNO. All policies shall be in insurance companies authorized to do business in Louisiana and shall remain in full force and effect until the final completion of the work and acceptance thereof by the authority of SWBNO. Consultant and/or its insurer shall notify the Risk Manager of SWBNO at least thirty (30) days in advance of any insurance coverage to be canceled or of any insurance coverage that will expire. Consultant shall simultaneously furnish the SWBNO evidence of new coverage to be effective the same day and hour of the expired or canceled coverage. In the event Consultant fails to submit this evidence of new coverage five (5) days prior to cancellation date or expiration date of any policy or policies, SWBNO will obtain the required coverage to become effective on date of cancellation or expiration of said policies. The cost of such new coverage shall be at the expense of Consultant and any expenditure incurred by SWBNO of this coverage will be deducted from any balance due to Consultant.

**B. Other Insurance Provisions.** The insurance policies are to contain, or be endorsed to contain, the following provisions:

- i. Additional Insured Status.** **The Consultant will provide, and maintain current, a Certificate of Insurance naming the City of New Orleans, SWBNO, its departments, political subdivisions, officers, officials, employees, and volunteers are to be covered as “Additional Insureds”** on the CGL policy with respect to liability arising out of the performance of this agreement. General liability coverage can be provided in the form of an endorsement to the Consultant’s insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10 and CG 20 37 forms if later revisions used). The Certificate of Insurance, as evidence of all required coverage, should name the Sewerage and Water Board of New Orleans Risk Manager and the City of New Orleans Risk Manager as Certificate holders and be delivered via U.S. Mail to 625 St. Joseph St., Room 119, New Orleans, LA 70165 and 1300 Perdido Street, 9E06—City Hall, New Orleans, LA 70112, respectively.
- ii. Primary Coverage.** For any claims related to this contract, **the Consultant’s insurance coverage shall be primary** insurance as respects SWBNO, its departments, political subdivisions, officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by SWBNO shall be non-contributing to the Consultant’s coverage.
- iii. Claims Made Policies.** If applicable, the retroactive date must be shown and must be before the date of the contract or the beginning of work.

If the coverage is canceled or non-renewed, and not replaced with another claims-made policy, Consultant must purchase “extended reporting” coverage for minimum of 5 years after the termination of this agreement
- iv. Waiver of Subrogation.** **The Consultant and its insurers agree to waive any right of subrogation** which any insurer may acquire against SWBNO by virtue of the payment of any loss under insurance required by this contract.
- v. Notice of Cancellation.** Each insurance policy required above shall provide that **coverage shall not be canceled, except with prior notice to SWBNO of no less than 60 days.**
- vi. Acceptability of Insurers.** Insurance is to be placed with **insurers licensed and authorized**

**to do business in the State of Louisiana with a current A.M. Best's rating of no less than A: VII, unless otherwise acceptable to SWBNO's Risk Manager.**

2. The Consultant will provide SWBNO's Risk Manager (at Attn: Risk Manager, 625 St. Joseph St., Room 119, New Orleans Louisiana 70165) and the City of New Orleans Risk Manager (at Attn: Risk Manager, 1300 Perdido Street, 9E06 City Hall, New Orleans, LA 70112) within ten (10) calendar days of the Effective Date and at any other time at the SWBNO's request the following documents:
  - a. Proof of coverage for each policy of insurance required by this Agreement.
  - b. Copy of the fully executed Agreement.
  - c. Copies of all policies of insurance, including all policies, forms, and endorsements; and
  - d. Statements disclosing any policy aggregate limit.
3. Without notice from the SWBNO, the Consultant will:
  1. Replenish any policy aggregate limit that is impaired before commencement of any work or continuation of any work under this Agreement.
  2. Substitute insurance coverage acceptable to SWBNO within thirty (30) calendar days if any insurance company providing any insurance with respect to this Agreement is declared bankrupt, becomes insolvent, loses the right to do business in Louisiana, or ceases to meet the requirements of this Agreement: and
  3. Notify SWBNO's Risk Manager in writing within 48 hours of its receipt of any notice of non-renewal, cancellation, or reduction in coverage or limits affecting any policy of insurance maintained under this Agreement and provide proof of reinstatement or acceptable substitution prior to such non-renewal, cancellation, or reduction in coverage or limits.

Vendor shall indemnify, hold forever harmless, and defend the Board, its officers, agents, employees' representatives and insurers from any and all claims, demands, suits, money judgments, costs and expenses arising out of any accident, injury or damage to loss of property, life or personal injury during the performance of this contract, growing out of resulting from or by reason of any act or omission by the Vendor, their agents or employees.

The Vendor shall further indemnify and hold the Board harmless from all claims and liens for labor, services or material furnished to the Vendor in connection with the performance of this contract.

Limitations by statute as to Worker's Compensation or any other benefits payable by or on behalf of the Vendor to any injured party shall not limit the Vendor's indemnification of the Board under this agreement.

#### **INDEMNIFICATION**

To the fullest extent permitted by law, the Vendor shall indemnify, hold forever harmless, and defend the Board, its officers, agents, employees' representatives and insurers from any and all claims, demands, suits, money judgments, costs and expenses arising out of any accident, injury or damage to loss of property, life or personal injury during the performance of this contract, growing out of resulting from or by reason of any act or omission by the Vendor, his agents or employees.

The Vendor shall further indemnify and hold the Board harmless from all claims and liens for labor, services or material furnished to the Vendor in connection with the performance of this contract.

Limitations by statute as to workers' compensation or any other benefits payable by or on behalf of the Vendor to any injured party shall not limit the Vendor's indemnification of the Board under this agreement.

### **WORKER'S COMPENSATION**

Vendor herein expressly agrees and acknowledges that it is an "independent contractor" as defined in LSA-R.S. 23:1021 (6). That its' employees shall not be considered employees of the Board for workers compensation coverage and that the Board shall not be liable to the Vendor or its employees for any workers compensation benefits or coverage.

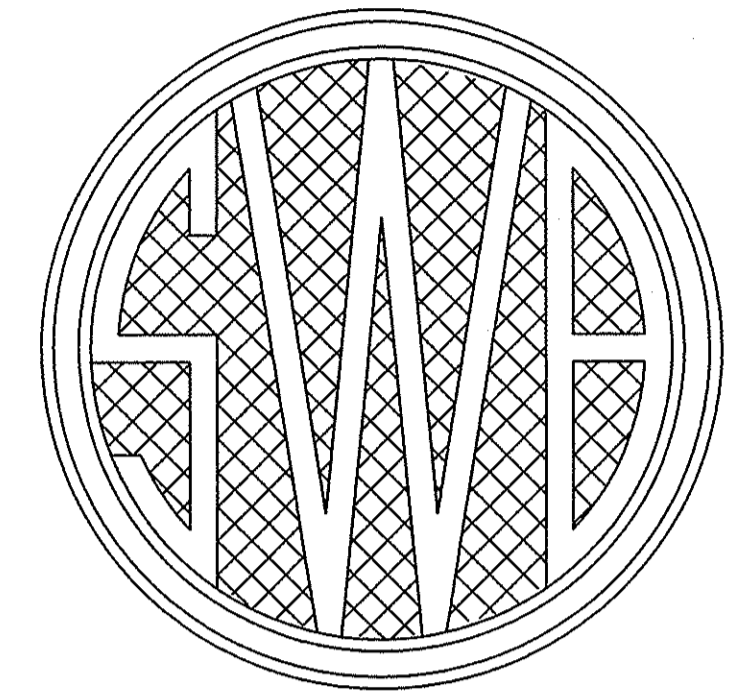
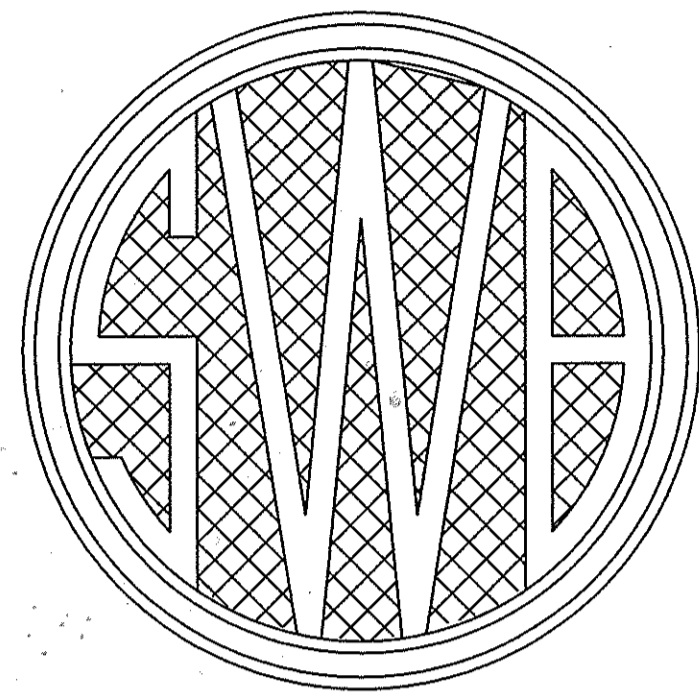
### **EXCLUSION OF UNEMPLOYMENT COMPENSATION COVERAGE**

Vendor herein expressly agrees and acknowledges that it is an "independent contractor" as defined in LSA-R.S. 23:1472 (E), that neither the vendor nor anyone employed by the vendor shall be considered an employee or the Board for the purpose of unemployment compensation coverage.

# APPENDIX A

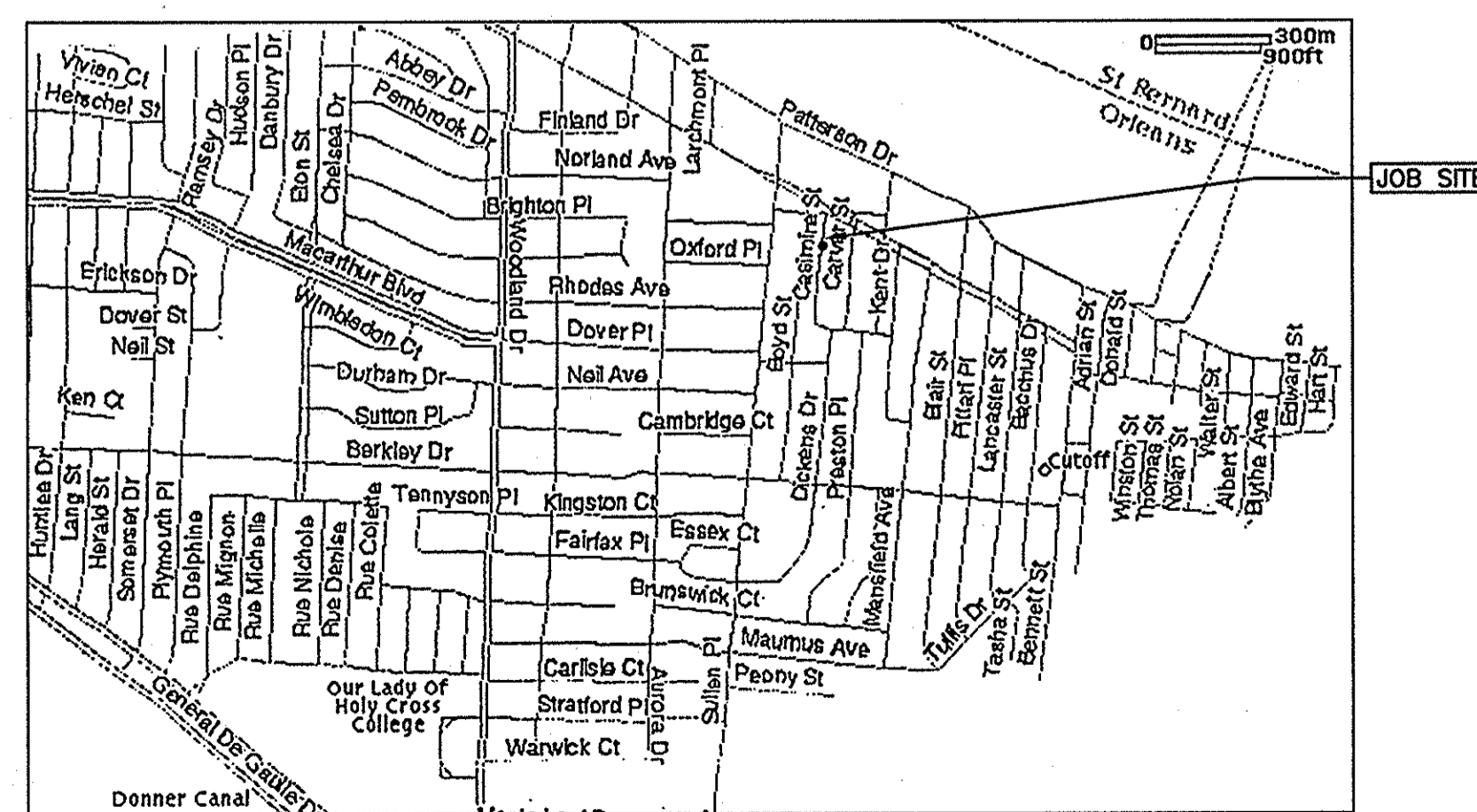
## Tank Engineering Drawings

# SEWERAGE AND WATER BOARD OF NEW ORLEANS

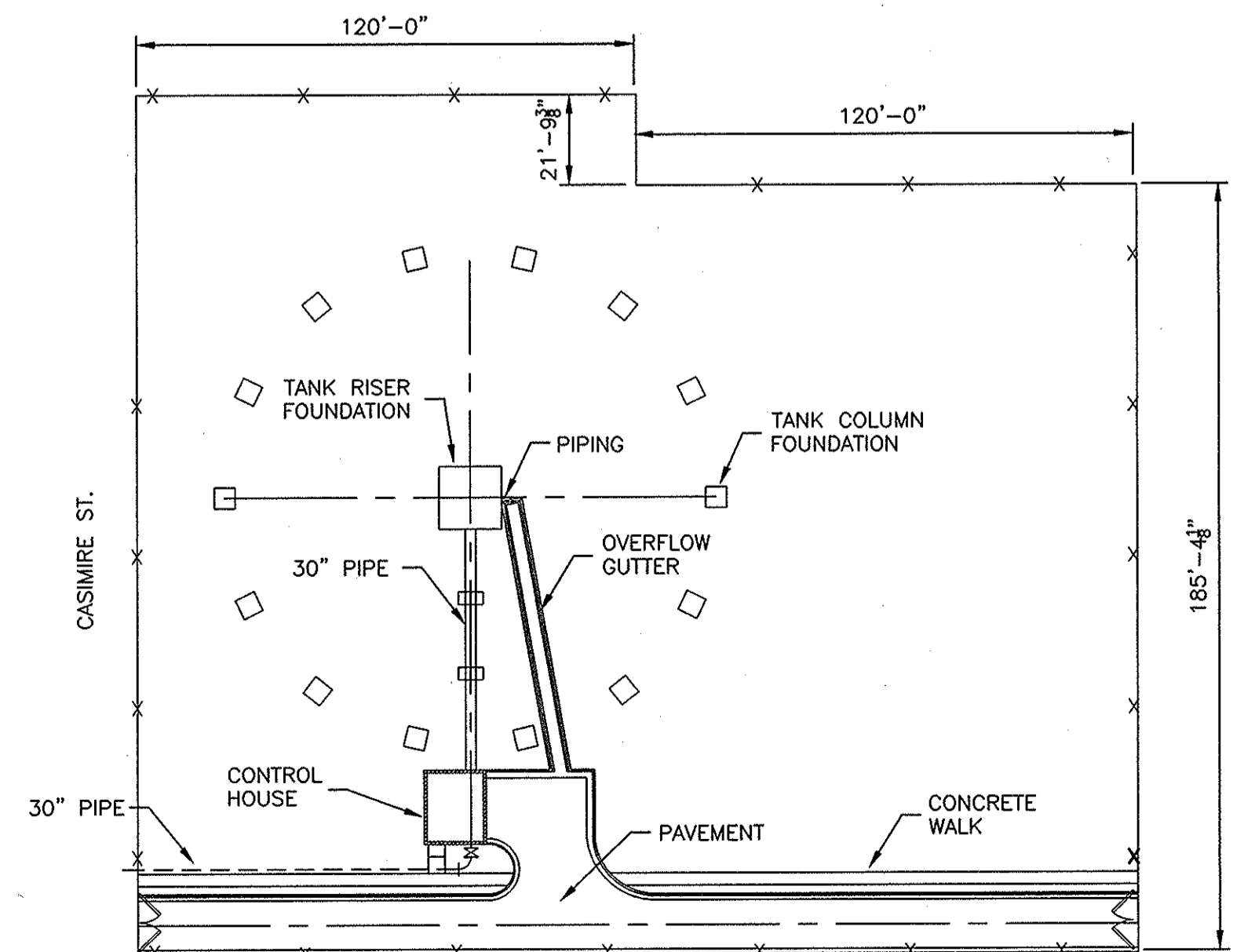


ENGINEERING DEPARTMENT

## CONTRACT 1307 PAINTING AND REPAIRS AT ALGIERS ELEVATED WATER TANK (RE-BID OF CONTRACT 1299)



VICINITY MAP  
NTS



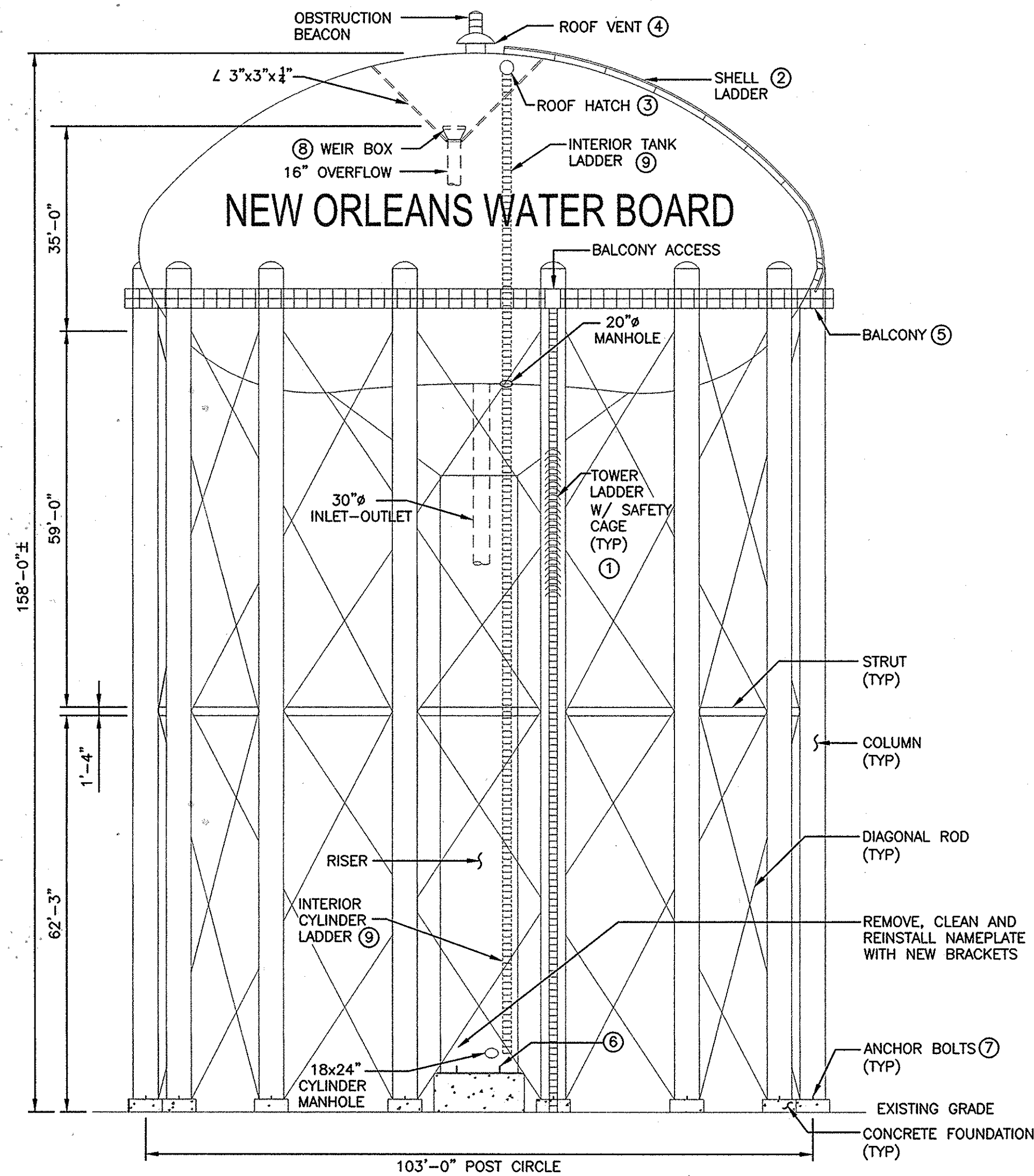
SITE PLAN  
NTS

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 1307 PAINTING AND REPAIRS AT ALGIERS ELEVATED WATER TANK (RE-BID OF CONTRACT 1299)			
TITLE SHEET			
DR:	NFB / EAK	 GENERAL SUPERINTENDENT	
CH			
AP			
LAST EDIT:	1/09/01		
SCALE:	AS NOTED	DWG. No. 11878-W-13	
DATE:	10/10/00	SET NO.	SHEET: 1 OF 3

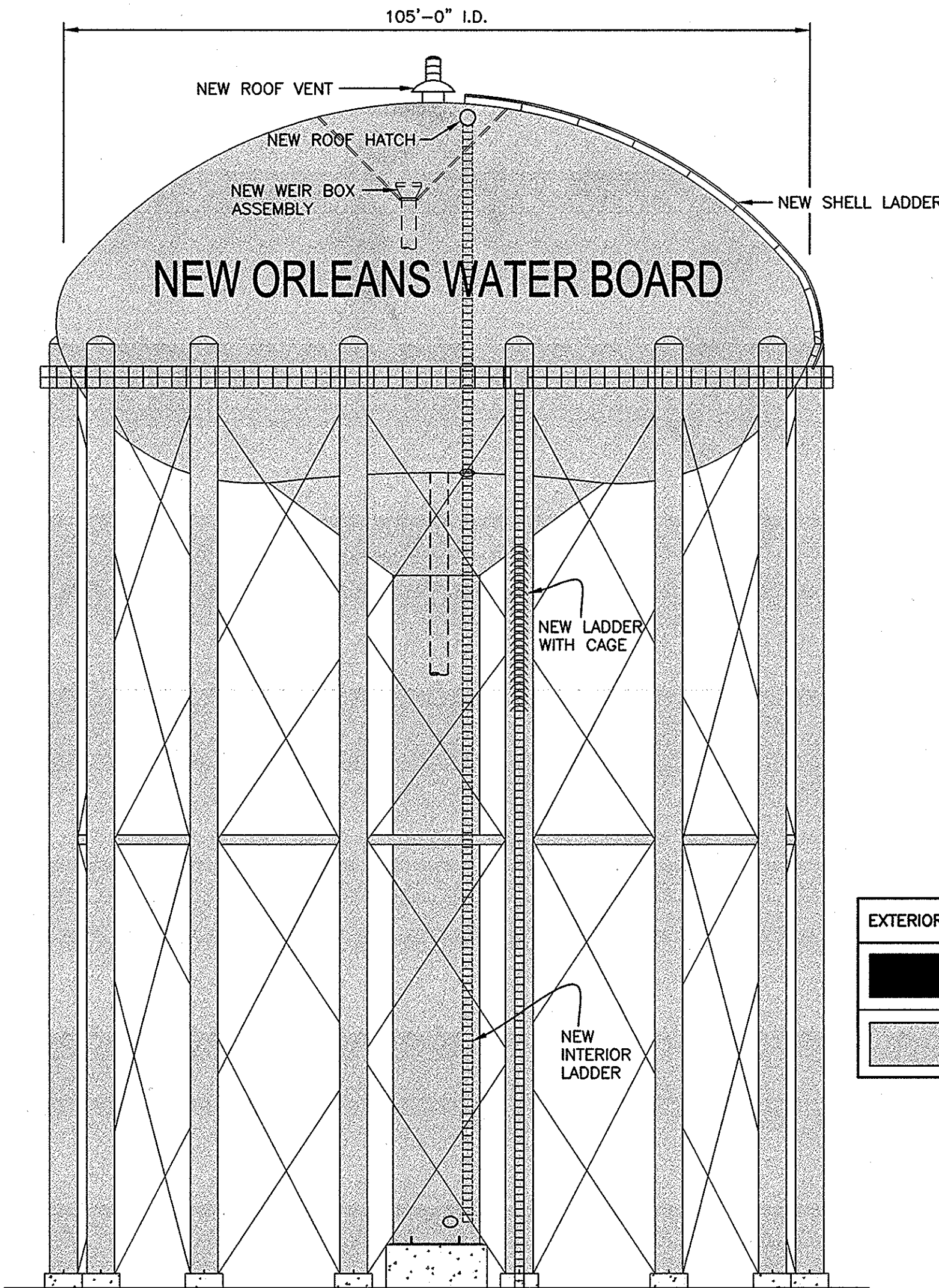








EXISTING 2,000,000 GALLON STEEL TANK  
SCALE: NTS



REFURBISHED 2,000,000 GALLON STEEL TANK  
SCALE: NTS

EXTERIOR STEEL COLOR CHART	
	BLACK IN06
	SILVER PEARL YB01

REPAIR AND REPLACEMENT SCHEDULE				
EXTERIOR				
ITEM	DESCRIPTION	DISPOSITION	DETAILS	REMARKS
①	EXTERIOR TOWER LADDER & SAFETY CAGE	REPLACE LADDER WITH NEW. REINSTALL EXIST. CAGE	A, SH.3	SEE NOTE 3 & 4
②	SHELL LADDER	REPLACE WITH NEW	A, SH.3	SEE NOTE 3
③	ROOF HATCH	REPLACE WITH NEW	-----	SEE NOTE 5
④	ROOF VENT	REPLACE WITH NEW	-----	SEE NOTE 6
⑤	BALCONY	TO BE REPAIRED AND MODIFIED	B, SH.3	SEE NOTE 7
⑥	RISER ANCHOR BOLTS	TO BE REPAIRED	C, SH.3	-----
⑦	COLUMN ANCHOR BOLTS	TO BE REPAIRED	D, SH.3	-----
INTERIOR				
⑧	WEIR BOX AND BRACES	TO BE REMOVED AND REPLACED	E, SH.3	-----
⑨	INTERIOR LADDERS	REPLACE WITH NEW	A, SH.3	SEE NOTE 3

REPAIR AND REPLACEMENT NOTES

- REMOVE ITEMS AS SHOWN ON THE DRAWINGS, UNLESS NOTED OTHERWISE. REPLACE WITH MEMBERS OF EQUIVALENT MATERIALS, SECTION PROPERTIES, DIMENSIONS, ELEVATIONS, ORIENTATION, CONNECTION, WELDS, AND ALL OTHER ACCESSORIES EXCEPT AS SHOWN ON THE DRAWINGS.
- REMOVE & REINSTALL ELECTRICAL CONDUIT, CATHODIC PROTECTION AND OTHER MISC. ITEMS AS REQUIRED.
- NEW INTERIOR AND EXTERIOR LADDERS SHALL BE EQUIPPED WITH S.S. SAFETY CABLES. (LADDER LATCH FALL ARREST SYSTEM AS MANUFACTURED BY LATCHWAY'S INC.) PROVIDE WARNING SIGNS AT ACCESS POINTS.
- EXISTING SAFETY CAGE SHALL BE SALVAGED, COATED AND REINSTALLED ON NEW LADDER.
- INCREASE HATCH SIZE TO 39". INSTALL HINGED COVER WITH LOCK. CURB SHALL BE 4" HIGH.
- ROOF VENT SHALL BE FREEZE RESISTANT WITH A STEEL FENAL CAP TYPE REMOVABLE VENT WITH A 30" STEM. SCREEN SHALL BE #40 MESH WITH STAINLESS STEEL STRAPS. ANCHOR BOLTS SHALL BE 3/4" S.S. REMOVE AND REINSTALL BEACON AS REQUIRED.
- CONTRACTOR SHALL INCREASE HEIGHT OF BALCONY HANDRAIL TO 3'-6" (OSHA STANDARD). SUBMIT PLAN FOR ENGINEER APPROVAL. PATCH DAMAGED AREAS OF BALCONY FLOOR AS REQUIRED WITH STEEL PLATE OF EQUIVALENT THICKNESS USING PRE-QUALIFIED FULL PENETRATION WELDS. UTILIZE PLUG WELDS WHERE PLATE REPLACEMENT IS NOT REQUIRED.

COATING SCHEDULE						
SUBSTRATE	SYSTEM	SURFACE PREP	1st COAT	2nd COAT	3rd COAT	4th COAT
INTERIOR STEEL (1),(2)	ZINC/EPOXY	SP1, SP10	C1	C2, 1255 BEIGE	C2, WHO2 TANK WHITE	-----
EXTERIOR STEEL (1)	ZINC/EPOXY/POLYURETHANE	SP1, SP10	C3	C4, 1255 BEIGE	C5, SEE COLOR CHART (SH.2)	C6, CLEAR COAT
NEW INTERIOR LADDERS	GALV./EPOXY	SP1	C7	C8, 1255 BEIGE	C8, WHO2 TANK WHITE	-----
NEW EXTERIOR LADDERS	GALV./EPOXY/POLYURETHANE	SP1	C7	C4, 1255 BEIGE	C9, YB01 SILVER PEARL	C6, CLEAR COAT

- (1) DOES NOT INCLUDE LADDERS  
(2) SEE SPECIFICATIONS FOR CAULKING REQUIREMENTS

COATING LEGEND

- SP1: REMOVE ALL VISIBLE OIL, GREASE, SOIL, DIRT, AND OTHER SOLUBLE CONTAMINANTS IN ACCORDANCE WITH SSPC-SP1.
- SP10: ABRASIVE BLAST IN ACCORDANCE WITH SSPC-SP10 NEAR WHITE METAL BLASTS TO ACHIEVE AN ANCHOR PROFILE OF 1.0 TO 2.0 MILS.
- C1: TNEC SERIES 91 H2O HYDROZINC 2000, 2.5 TO 3.5 MILS
- C2: TNEC SERIES N140 POTA POX PLUS, 4.0 TO 6.0 MILS
- C3: TNEC SERIES 90-97 TNEC-ZINC, 2.5 TO 3.5 MILS
- C4: TNEC SERIES 66 HI BUILD EPOXOLINE, 2.0 TO 3.0 MILS
- C5: TNEC SERIES 73 ENDURA SHIELD, 3.0 TO 4.0 MILS
- C6: TNEC SERIES 76 ENDURA CLEAR WITH SERIES 44-500 SKIP-SAF DISAPPEARING COLORANT, 1.5 TO 2.0 MILS
- C7: HOT DIP GALVANIZE IN ACCORDANCE WITH ASTM A153
- C8: TNEC SERIES N140 POTA POX PLUS, 2.0 TO 3.0 MILS
- C9: TNEC SERIES 73 ENDURA SHIELD, 2.0 TO 3.0 MILS

LEGEND

- ① REFER TO REPAIR AND REPLACEMENT SCHEDULE  
S.S. STAINLESS STEEL

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS PRIOR TO BEGINNING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH CONTROL POINTS REQUIRED FOR CONSTRUCTION.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO ORDERING MATERIALS, FABRICATIONS, AND PREPARATION OF SHOP DRAWINGS. THE ENGINEER SHALL IMMEDIATELY BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
- THE ELEVATED TANK IS ADJACENT TO AN EXISTING RESIDENTIAL AREA. THE CONTRACTOR SHALL USE EXTREME CAUTION TO ENSURE THAT ALL DEBRIS IS CONTAINED AND NOT ALLOWED TO FALL ON ADJACENT PROPERTY. LOCAL CITY ORDINANCES LIMITING EQUIPMENT NOISE AND WORK HOURS SHALL BE FOLLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO RESIDENTIAL STRUCTURES AND EXISTING UTILITIES RESULTING FROM THE WORK. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DAMAGE TO THE ENGINEER. DAMAGE TO ADJACENT PROPERTY, UTILITIES, ETC. SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT HIS EXPENSE.
- THE TANK ELEVATIONS ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. CONTRACTOR SHALL REFER TO SHOP DRAWINGS FOR SPECIFIC DETAILS OF ROOF FRAMING, BALCONY, LADDERS, STRUTS, RODS, PIPING, WELDS, BOLTS, AND ALL OTHER DETAILS AND ACCESSORIES ASSOCIATED WITH THE TANK. THESE DRAWINGS ARE AVAILABLE AT THE OFFICE OF THE SEWERAGE & WATER BOARD ENGINEERING DEPARTMENT.

DEMOLITION NOTES

- REMOVE ITEMS AS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND PROVIDING ADEQUATE SHORING AND BRACING DURING DEMOLITION WORK.
- ALL DEBRIS AND MATERIAL RESULTING FROM DEMOLITION OPERATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND ORDINANCES OF THE CITY OF NEW ORLEANS.
- MATERIALS WITH HAZARDOUS PAINT TO BE DEMOLISHED SHALL BE REMOVED, HANDLED, AND DISPOSED IN COMPLIANCE WITH EPA, OSHA, AND ANY OTHER GOVERNMENTAL ENTITY WHICH MAY HAVE REGULATIONS COVERING THE HANDLING AND DISPOSAL OF HAZARDOUS MATERIALS.
- REMOVE ALL ABANDONED BRACKETS, RIGGING EQUIPMENT AND ERECTION LUGS PRIOR TO COATING APPLICATION.

STRUCTURAL STEEL NOTES

- STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS AND STANDARDS AS CONTAINED IN THE SECOND EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION (LOAD & RESISTANCE FACTOR DESIGN), EXCEPT THAT SECTION 4, "SHOP AND ERECTION DRAWINGS" OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES DOES NOT APPLY, AND SUBSECTION A7.1, "PLANS," OF THE LRFD SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS DOES NOT APPLY. STRUCTURAL STEEL CONSTRUCTION SHALL ALSO CONFORM TO AWWA D100.
- STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A-36.
- ALL BOLTS SHALL BE HIGH STRENGTH CONFORMING TO ASTM A325. USE TENSION INDICATING WASHERS.
- WELDING SHALL CONFORM TO ASME BOILER AND PRESSURE VESSEL CODE, SECTION IX AND AWWA D100. WELDERS AND WELDING OPERATORS MUST BE TESTED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF THE ASME BOILER AND PRESSURE VESSEL CODE, SECTION IX. REMOVE PAINT IN AREAS TO BE WELDED.
- CONTRACTOR SHALL PROVIDE THE DESIGN FOR CONNECTIONS AND CONNECTION DETAILS NOT OTHERWISE SHOWN ON DRAWINGS. CONNECTIONS SHALL BE DESIGNED FOR THE UNIFORM LOAD CAPACITY OF THE BEAM UNLESS SHOWN OTHERWISE. DESIGN SHALL BE ACCOMPLISHED BY A LOUISIANA REGISTERED PROFESSIONAL CIVIL ENGINEER.

LEAD ABATEMENT NOTES

- CONTRACTOR IS ADVISED THAT THE EXISTING COATING ON THE ALGIERS ELEVATED TANK CONTAINS LEVELS OF LEAD WHICH ARE A POTENTIAL PUBLIC HEALTH RISK. THEREFORE, IT IS MANDATORY TO USE AN SSPC CLASS 1 A CONTAINMENT ON THE TANK. THE CONTAINMENT MUST MAINTAIN A NEGATIVE PRESSURE AS VERIFIED BY BOTH VISUAL AND INSTRUMENT OBSERVATIONS. THIS PRESSURE SHALL BE SUFFICIENT TO PREVENT ANY SPENT MATERIAL OR DUST FROM LEAVING THE ENCLOSURE DURING THE CLEANING.
- CONTRACTOR SHALL PERFORM ALL WORK IN STRICT COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, LAWS, CODES, AND PRACTICES REGARDING LEAD PAINT REMOVAL.
- CONTRACTOR IS RESPONSIBLE FOR PROPERLY CONTAINING AND DISPOSING OF ALL HAZARDOUS DEBRIS IN ACCORDANCE WITH EPA, DOT, LADEQ, AND OSHA REQUIREMENTS.
- REQUIRED LEAD ABATEMENT PROGRAMS AND PROCEDURES INCLUDE (BUT ARE NOT LIMITED TO):
  - A COMPETENT PERSON SHALL REMAIN ON SITE DURING THE ENTIRE LEAD REMOVAL PROJECT.
  - RESPIRATORS AND PROTECTIVE CLOTHING AND EQUIPMENT (SUPPLIED BY THE CONTRACTOR) SHALL BE WORN AT ALL TIMES BY PERSONS WITHIN THE LEAD WORK AREA.
  - SURFACES SHALL BE MAINTAINED AS FREE AS POSSIBLE OF ACCUMULATIONS OF LEAD. COMPRESSED AIR FOR CLEANING PURPOSES IS PROHIBITED.
  - WHENEVER PERSONNEL EXIT THE LEAD WORK AREA, THEY SHALL PERFORM THE FOLLOWING PROCEDURES AND SHALL NOT LEAVE THE WORK PLACE WEARING ANY CONTAMINATED CLOTHING OR EQUIPMENT DURING THE WORK DAY:
    - VACUUM THEMSELVES OFF IF FEASIBLE.
    - REMOVE PROTECTIVE CLOTHING IN THE DECONTAMINATION ROOM OR AREA, AND PLACE THEM IN AN APPROVED IMPERMEABLE DISPOSAL BAG.
    - WASH HANDS AND FACE. SHOWER IF FEASIBLE.
    - CHANGE TO CLEAN CLOTHES PRIOR TO LEAVING THE PHYSICAL BOUNDARY DESIGNATED AROUND THE LEAD WORK AREA.
- CONTRACTOR SHALL PROHIBIT ALL CUMULATIVE VISIBLE EMISSIONS GREATER IN DURATION THAN 5% OF THE WORK DAY, WHICH IS EQUAL TO 24 MINUTES PER WORK DAY. ANY EMISSIONS OCCURRING IN ANY ONE (1) HOUR OF ANY WORK DAY THAT CUMULATIVELY EXCEEDS 3 MINUTES SHALL BE CAUSE FOR IMMEDIATE SUSPENSION OF WORK.
- CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL WORKMEN AND OTHER PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- LEAD TEST RESULTS ARE AVAILABLE AT THE SEWERAGE AND WATER BOARD ENGINEERING DEPARTMENT.

REV.	DATE	DESCRIPTION	BY

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**CONTRACT 1307**

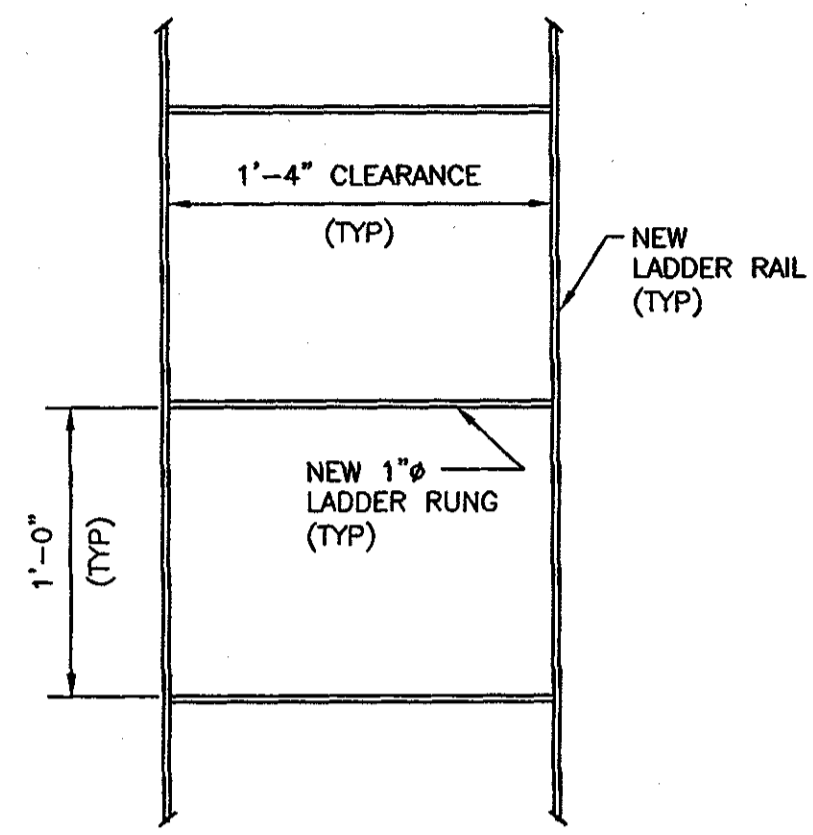
**PAINTING AND REPAIRS AT ALGIERS ELEVATED WATER TANK (RE-BID OF CONTRACT 1299)**

**ELEVATIONS AND NOTES**

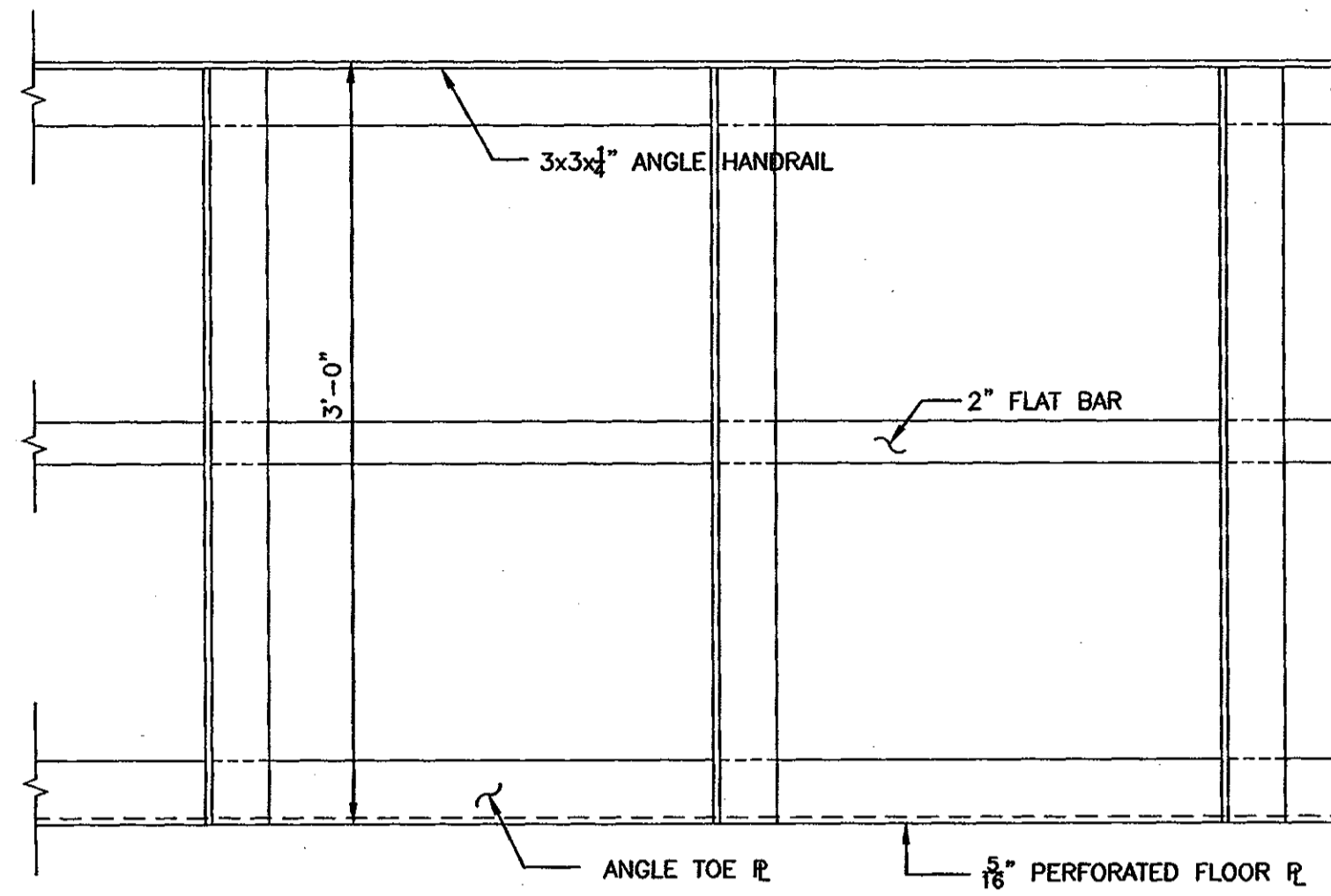
DR	EJK	 GENERAL SUPERINTENDENT
CH		
AP		
LAST EDIT	1/08/01	
SCALE:	AS NOTED	
DATE	10/10/00	SET NO.
		SHEET NO. 2 OF 3

**DWG. No. 11878-W-13**

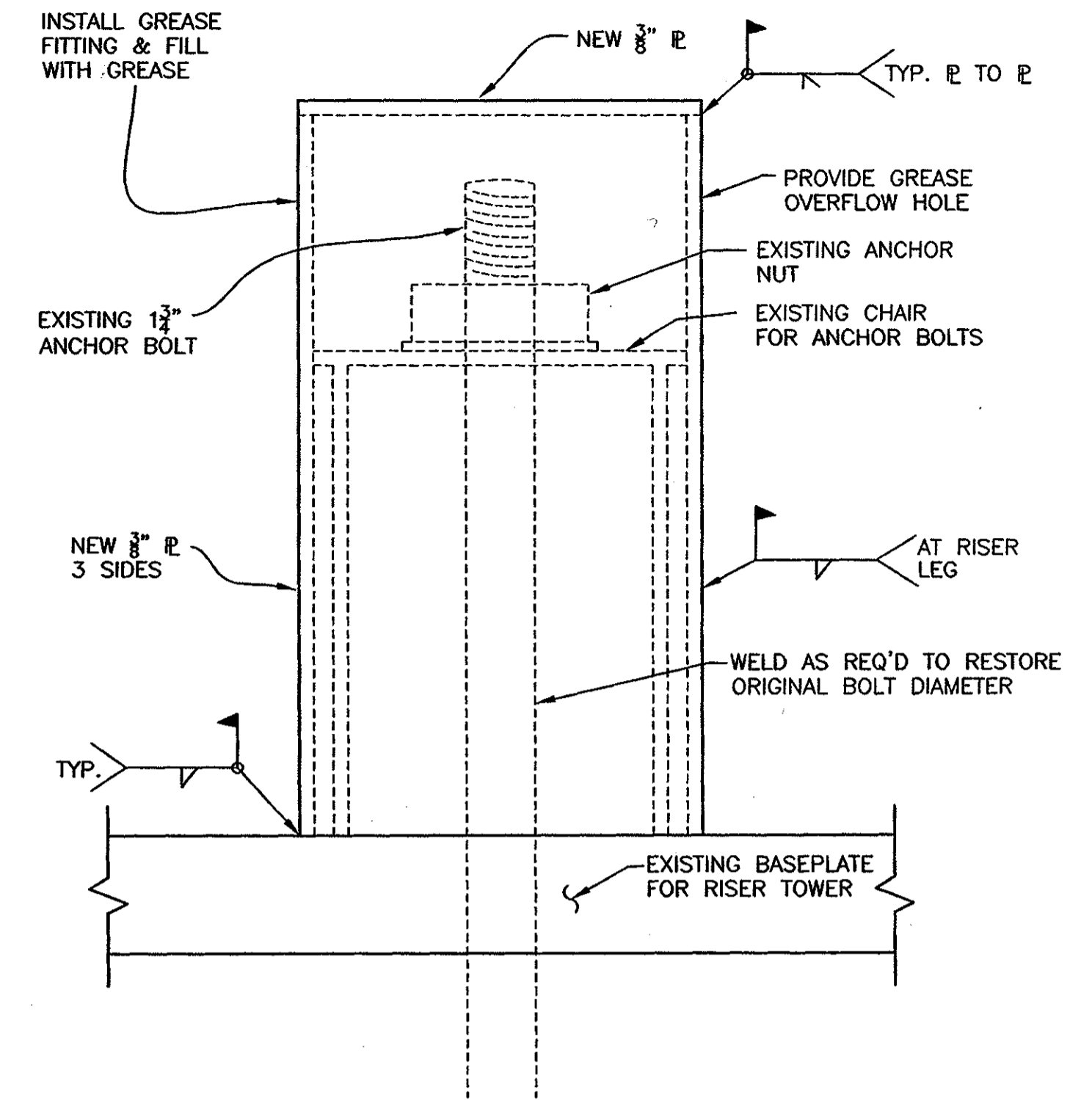




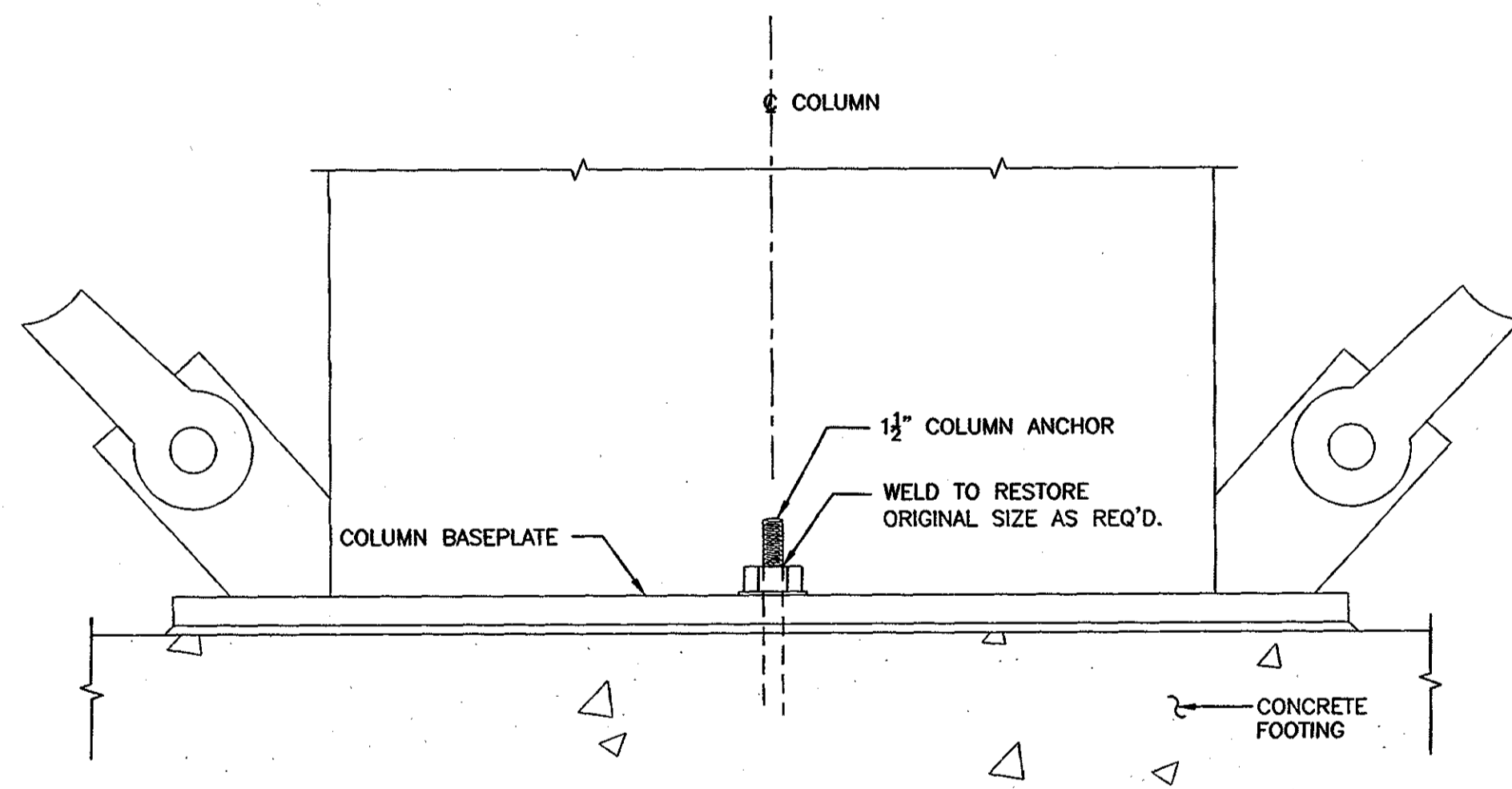
**A** ELEVATION - NEW LADDER  
SCALE: 1/2" = 1'-0"



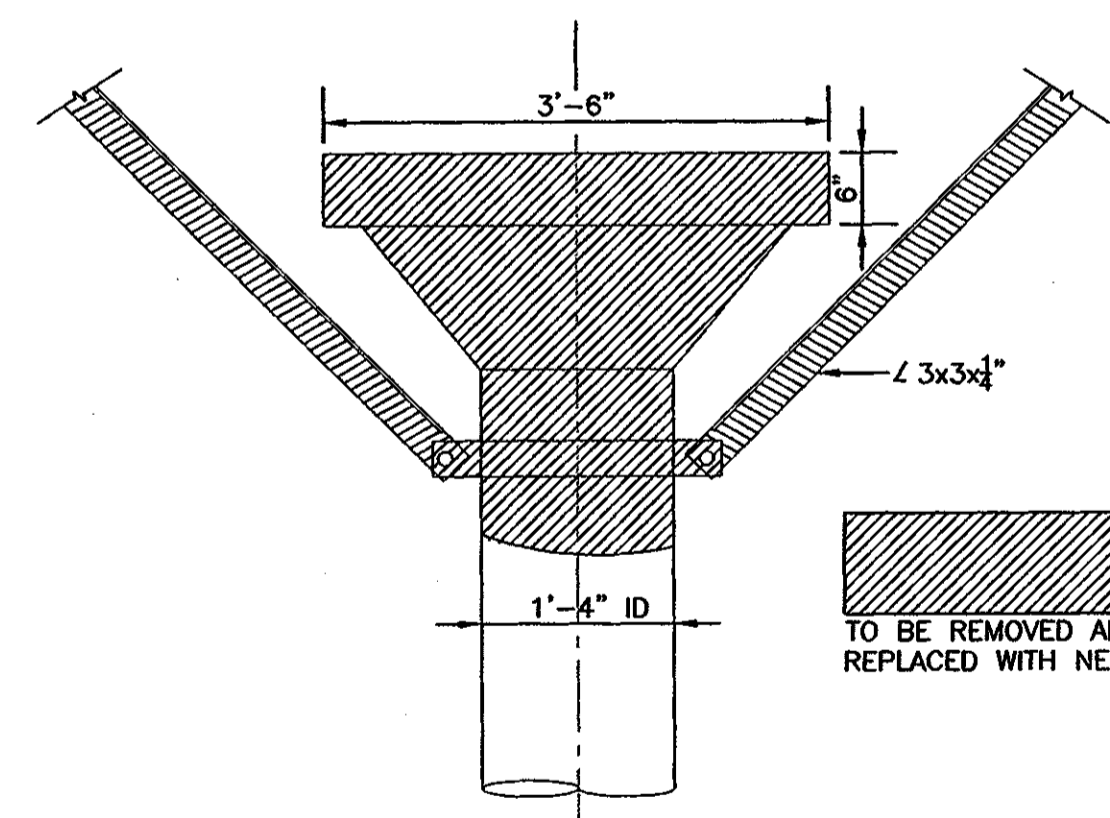
**B** ELEV. EXISTING BALCONY RAILING  
SCALE: 1/2" = 1'-0"



**C** RISER ANCHOR BOLT & CHAIR (8)  
N.T.S.



**D** COLUMN ANCHOR DETAILS  
SCALE: 1/2" = 1'-0"



**E** EXISTING 16" OVERFLOW & WEIR BOX ASSEMBLY  
SCALE: 3/4" = 1'-0"

REV.	DATE	DESCRIPTION	BY

**SEWERAGE AND WATER BOARD  
OF NEW ORLEANS**

CONTRACT 1307  
PAINTING AND REPAIRS  
AT ALGIERS ELEVATED WATER TANK  
(RE-BID OF CONTRACT 1299)

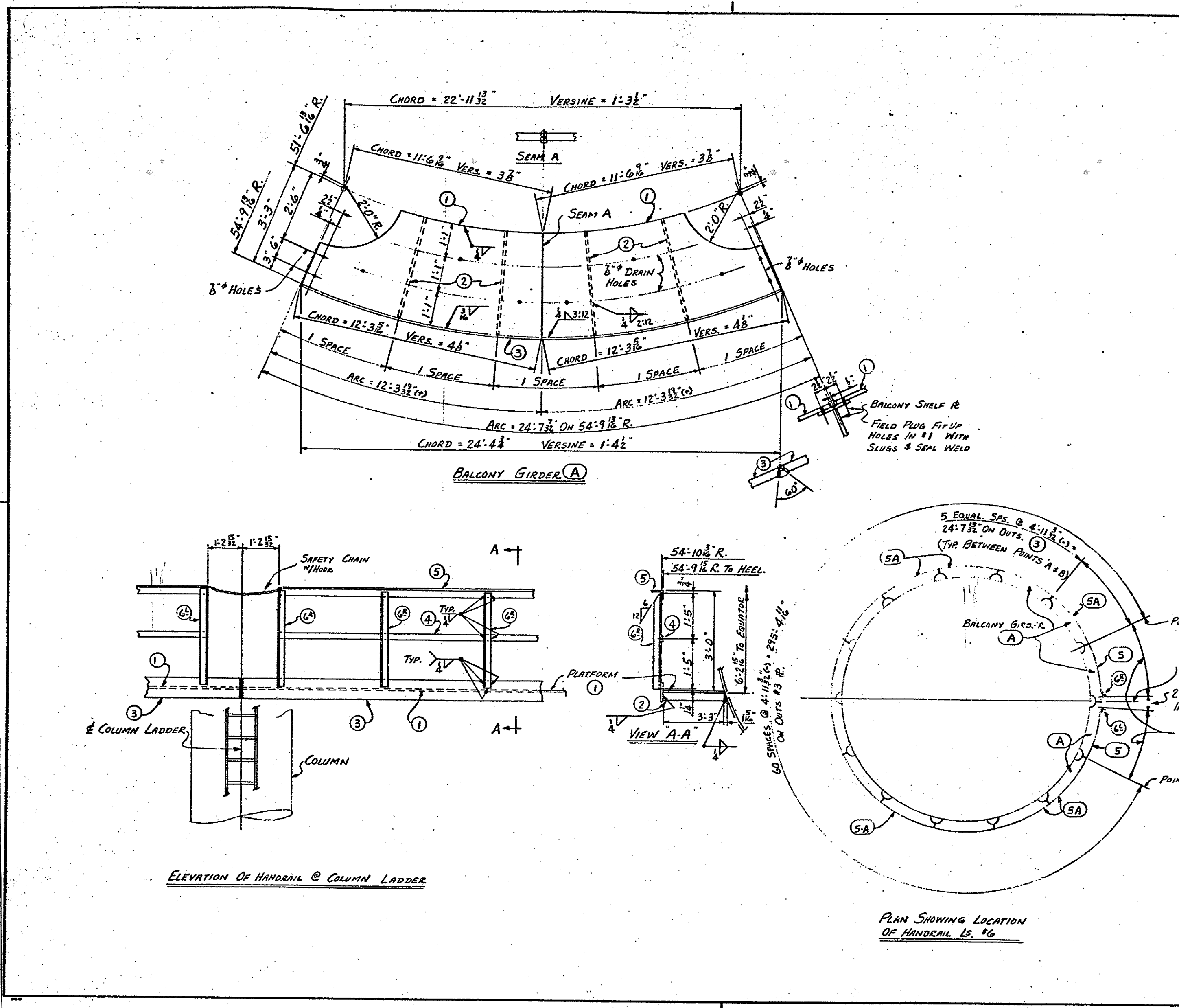
**DETAILS**

DR	EJK	<i>Joseph Sullivan</i> GENERAL SUPERINTENDENT
CH		
AP		
LAST EXPD:	1/08/01	<b>DWG. No. 11878-W-13</b>
SCALE:	AS NOTED	
DATE:	10/10/00	

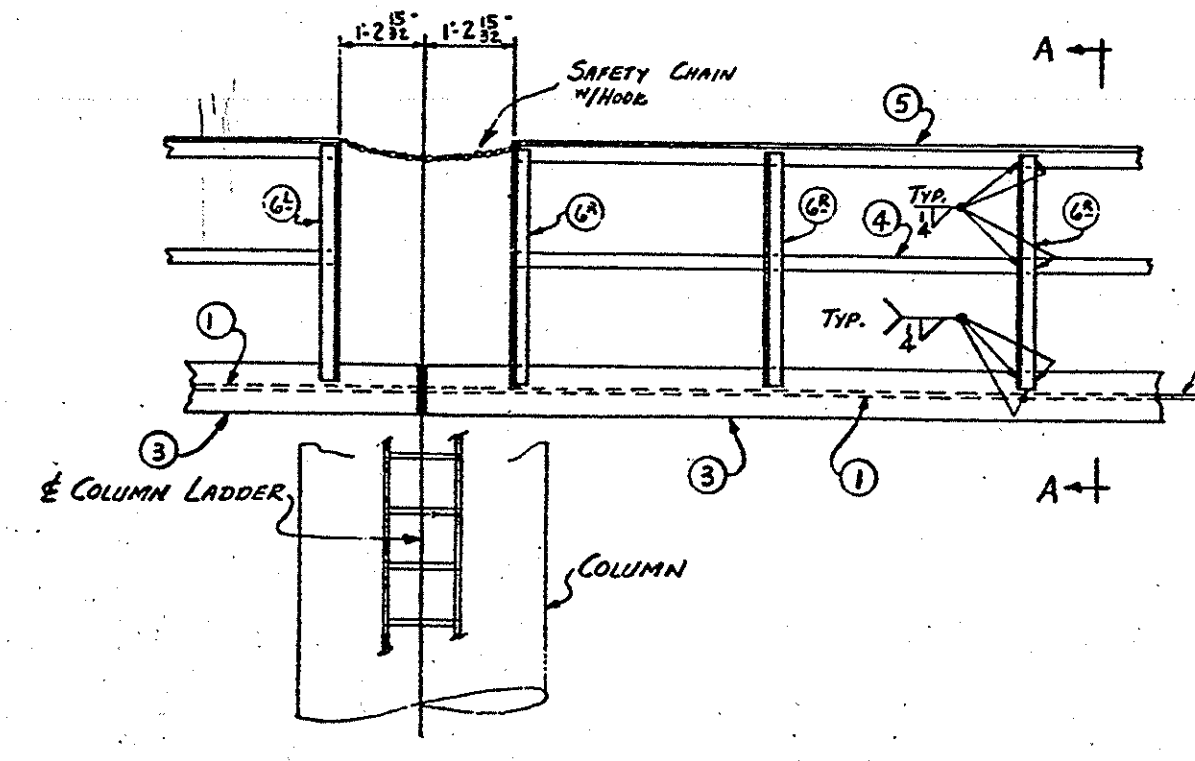
SHEET NO. 3 OF 3



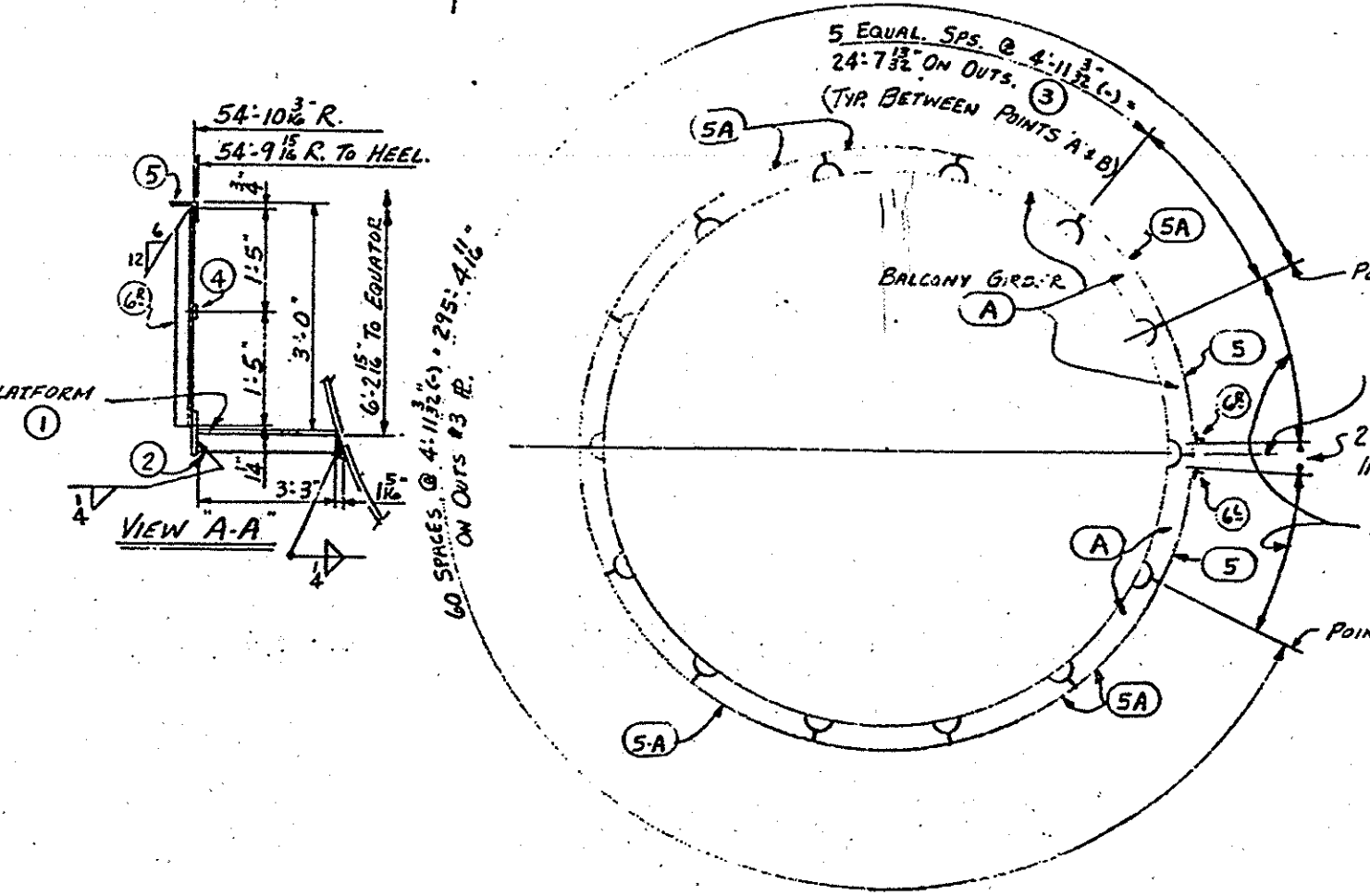




SP. MARK	DESCRIPTION	LENGTH	QTY.
14	11-A BALCONY GIRDERS		
11-1	28 R-SK x 1/2 (83 x 12 3/4 x 9/16)		
11-2	56 PLMS - 4 x 8 (SQ)	3	4 1/2
11-3	14 R-9 x 8 (24 x 7 1/2)	24	7 1/2
HANDRAIL			
2	11-5 L-4 x 3 x 4 (FIN. R. 54'-10 1/2) (25'-0)	23	4 1/2
12	11-5A L-4 x 3 x 4 (FIN. R. 54'-10 1/2) (26'-6)	24	7 1/2
70	11-6 L-3 x 2 x 4 (SQ)	2	10
1	11-6 L-3 x 2 x 4 (SQ)	2	10
1	1/2\" LIME CHAIN	2	10
1	1 MOON - 1/2\" ROD (SEE STD. 858-3)	0	5
14	11-4 ROR 2 x 4 (24 x 7 1/2)	24	7 1/2
56	3\" x 1/2\" THK. PUNCH SLUGS		

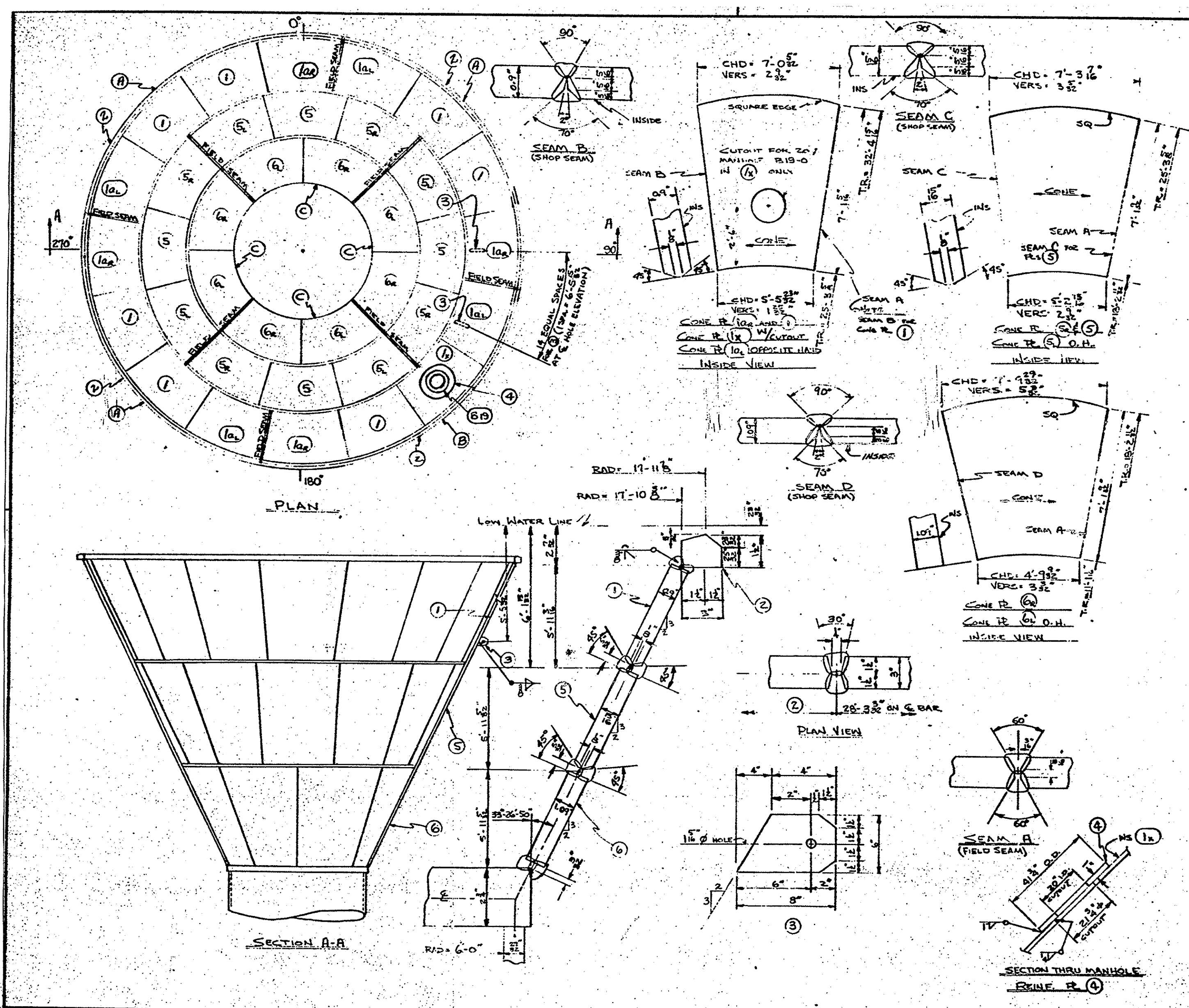


ELEVATION OF HANDRAIL @ COLUMN LADDER



PLAN SHOWING LOCATION OF HANDRAIL IS #6

**PRINCE BRIDGE & IRON COMPANY**  
 COOK'S  
 39\"/>



SP. MARK	DESCRIPTION	LENGTH	QTY.
12-A	SUPPORT CONE SECT. INS		
12-1a	R-SK x 1/2 (87 1/2 x 26 x 1/2)	24	10
12-1	6 R-SK x 1/2 (SQ 1/2)		
12-2	3 BAR - 3 x 1 1/2 FIN	28	5 1/2
1	12-1a	24	10
12-1b	SUPPORT CONE SECTION		
12-1a	R-SK x 1/2 (87 1/2 x 26 x 1/2)	24	10
12-1	6 R-SK x 1/2 (SQ 1/2)		
12-2	3 BAR - 3 x 1 1/2 FIN	28	5 1/2
12-4	1 BEHME R-414 (20 x 15) (40 x 11 1/2)	30	0
12-5	1 RAINPROOF DOOR (STD. 858)		
12-C	SUPPORT CONE SECTIONS		
12-5a	R-SK x 1/2 (87 1/2 x 26 x 1/2)	24	10
12-5	4 R-SK x 1/2 (SQ 1/2)		
12-6a	R-SK x 1/2 (87 1/2 x 26 x 1/2)	24	10
12-6	R-SK x 1/2 (SQ 1/2)		
14	12-B R-SK x 1/2 (6 x 10 x 1/2)		

NOTES:  
 ALL BUTT JOINTS TO HAVE COMPLETE FUSION  
 ALL CONE TEE'S HAVE 5\"/>

**PRINCE BRIDGE & IRON COMPANY**  
 SUPPORT CONE  
 2 1/2\"/>

ALGERS ELEVATED WATER TANK

SHOP DWGS

SEWERAGE AND WATER BOARD OF NEW ORLEANS

DWG. No. 11880-W-13

DATE: 10/24/00

SCALE: AS NOTED

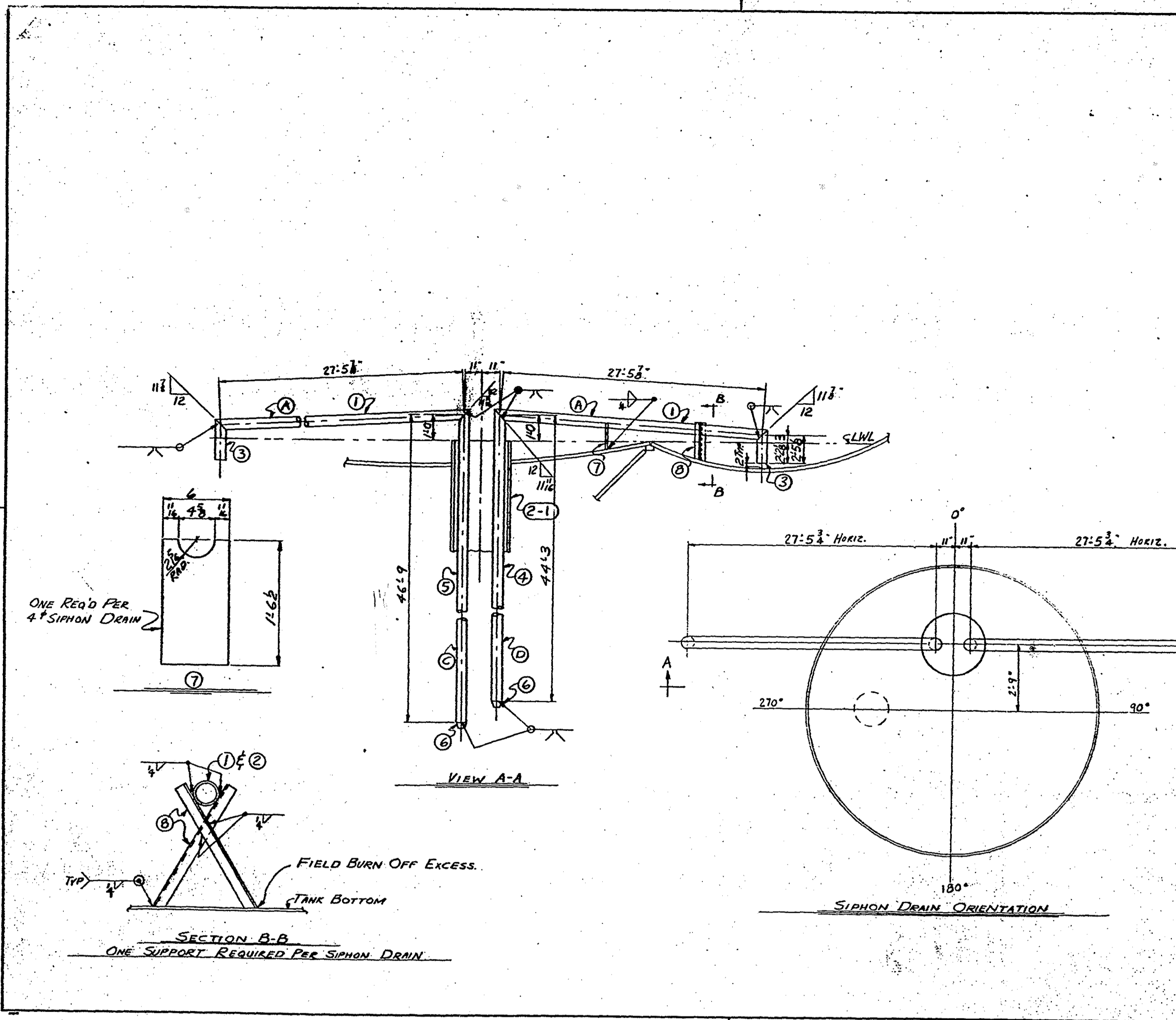
SHEET NO. 2 OF 6







BILL OF MATERIAL				
SP	Mark	AP	DESCRIPTION	LENGTH FE IN.
2	15-A		PIPE SECTION	
	15-1	2	RUN 4" SCH 40 STL PIPE 44' 9"	27 5/8
	15-3	2	1/2" 4" SCH 40 STL PIPE 44' 9"	2 5/8
1	15-C		PIPE SECTION	
	15-5	1	RUN 4" SCH 40 STL PIPE 44' 9"	46 9
	15-6	1	4x2 1/2 WELDING REDUCER (STD WT.)	
1	15-D		PIPE SECTION	
	15-4	1	RUN 4" SCH 40 STL PIPE 44' 9"	44 3
	15-6	1	4x2 1/2 WELDING REDUCER (STD WT.)	
2	15-7		1B C x 2	1 6/8
4	15-8		L-3x3x 1/4	4 0

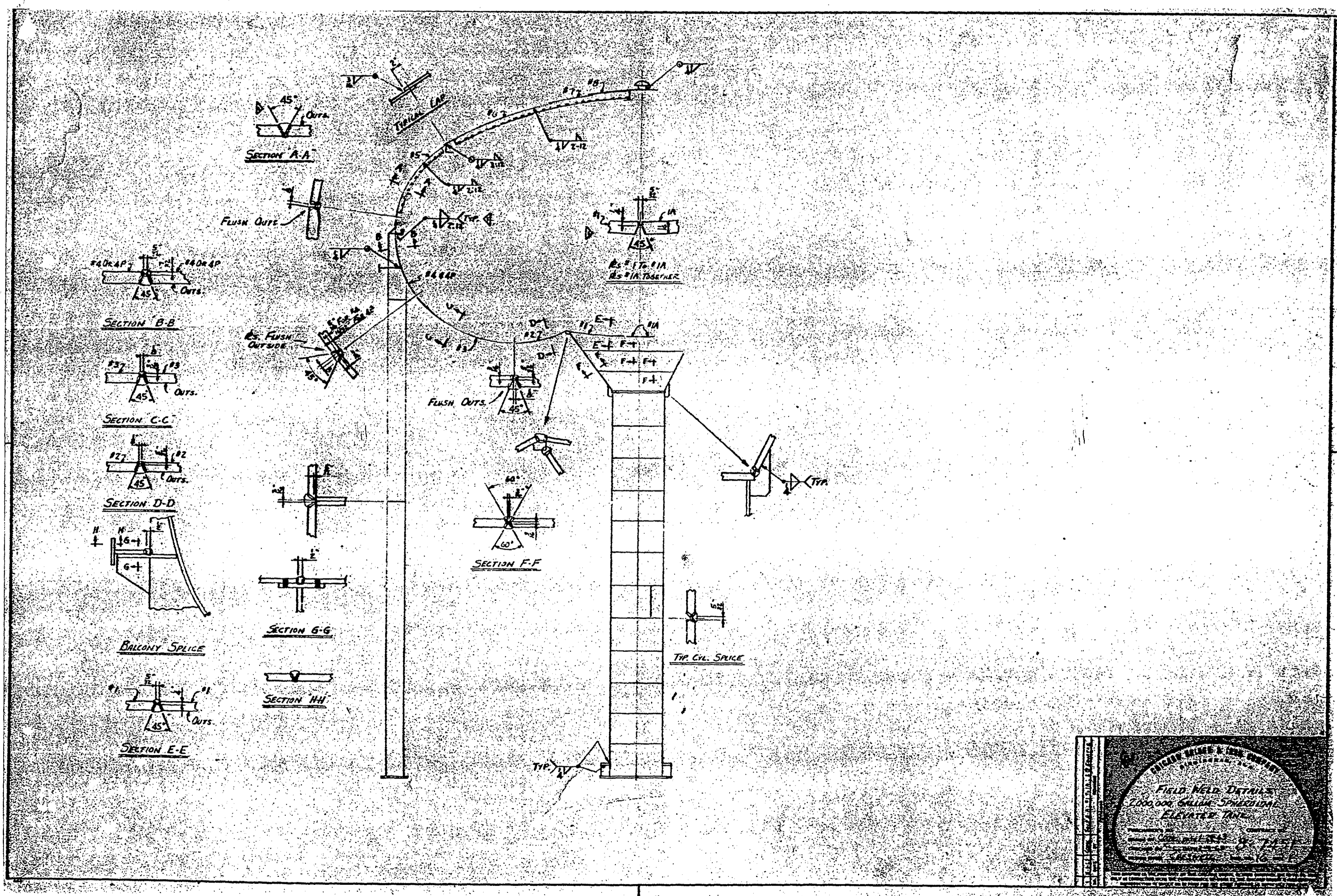


DETAILED & BILLED BY ONE TANK - ONE REQ'D

**WILSON BRIDGE & IRON WORKS**  
 SYPHON DRAIN 4" x 2"  
 2000 GAL. SPHEROIDAL ELEVATED TANK

CONTRACT NO. 8-7451

DATE: 10/24/00



WILSON BRIDGE & IRON WORKS

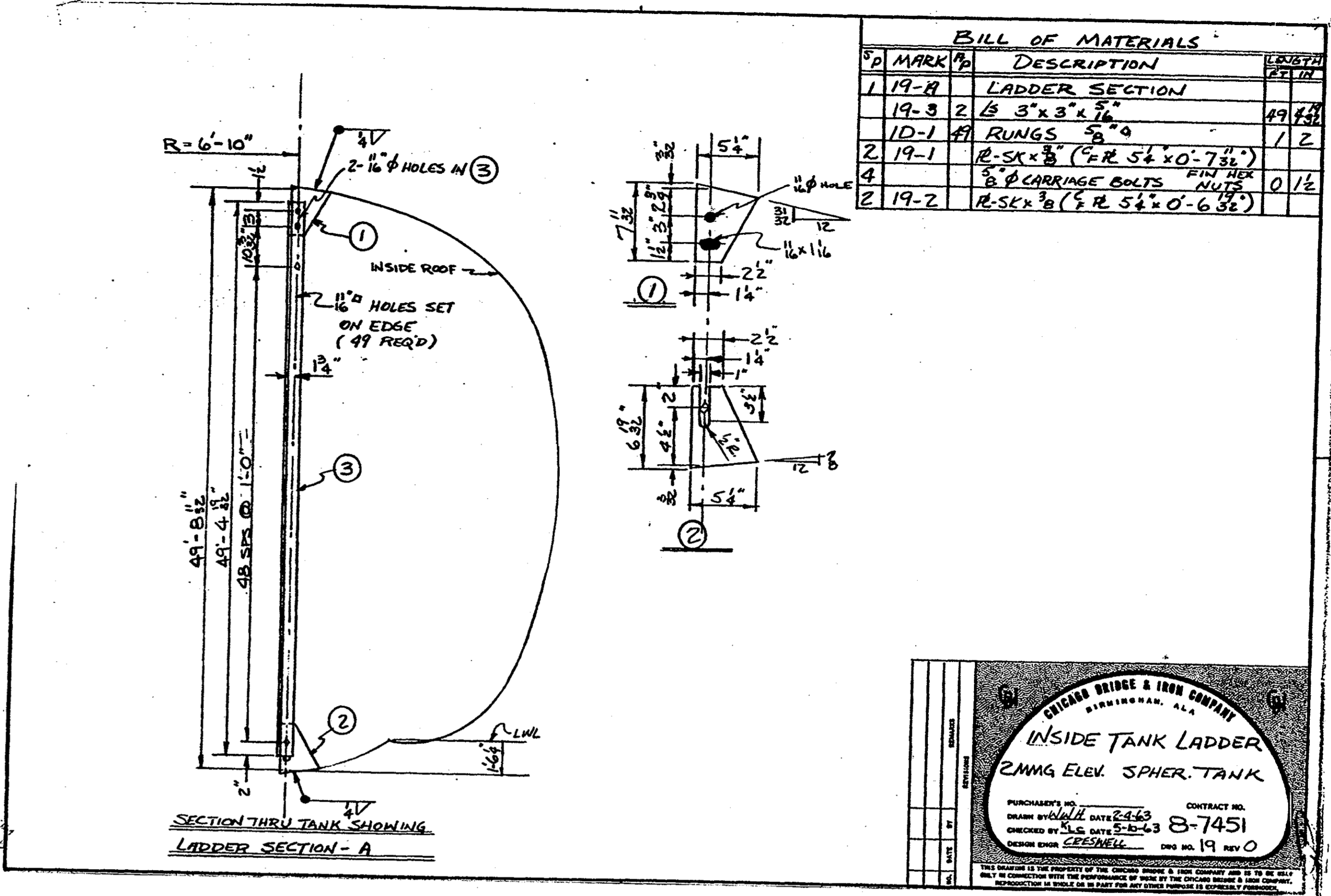
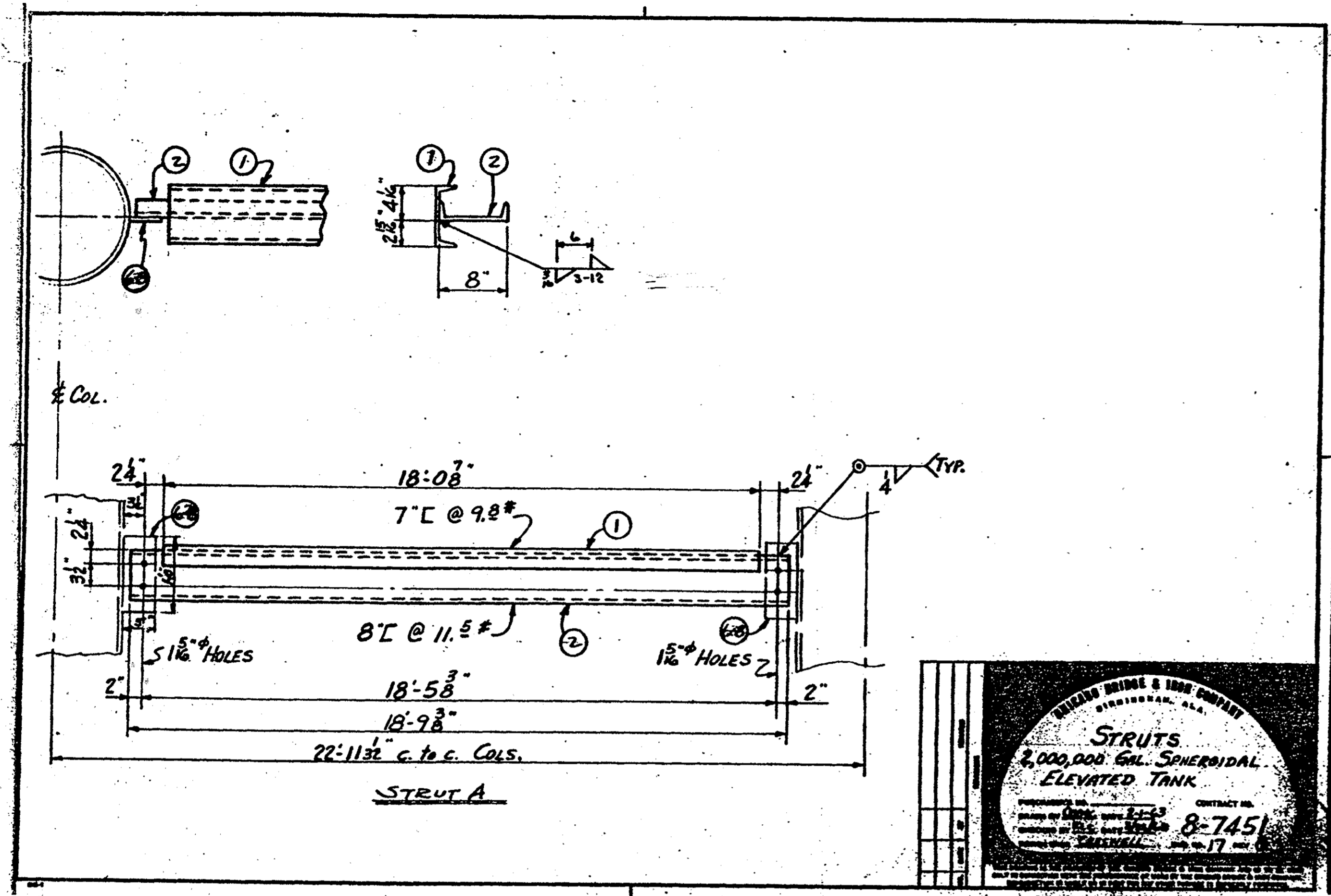
FIELD FIELD DETAILS  
 2000 GAL. SPHEROIDAL  
 ELEVATED TANK

CONTRACT NO. 8-7451

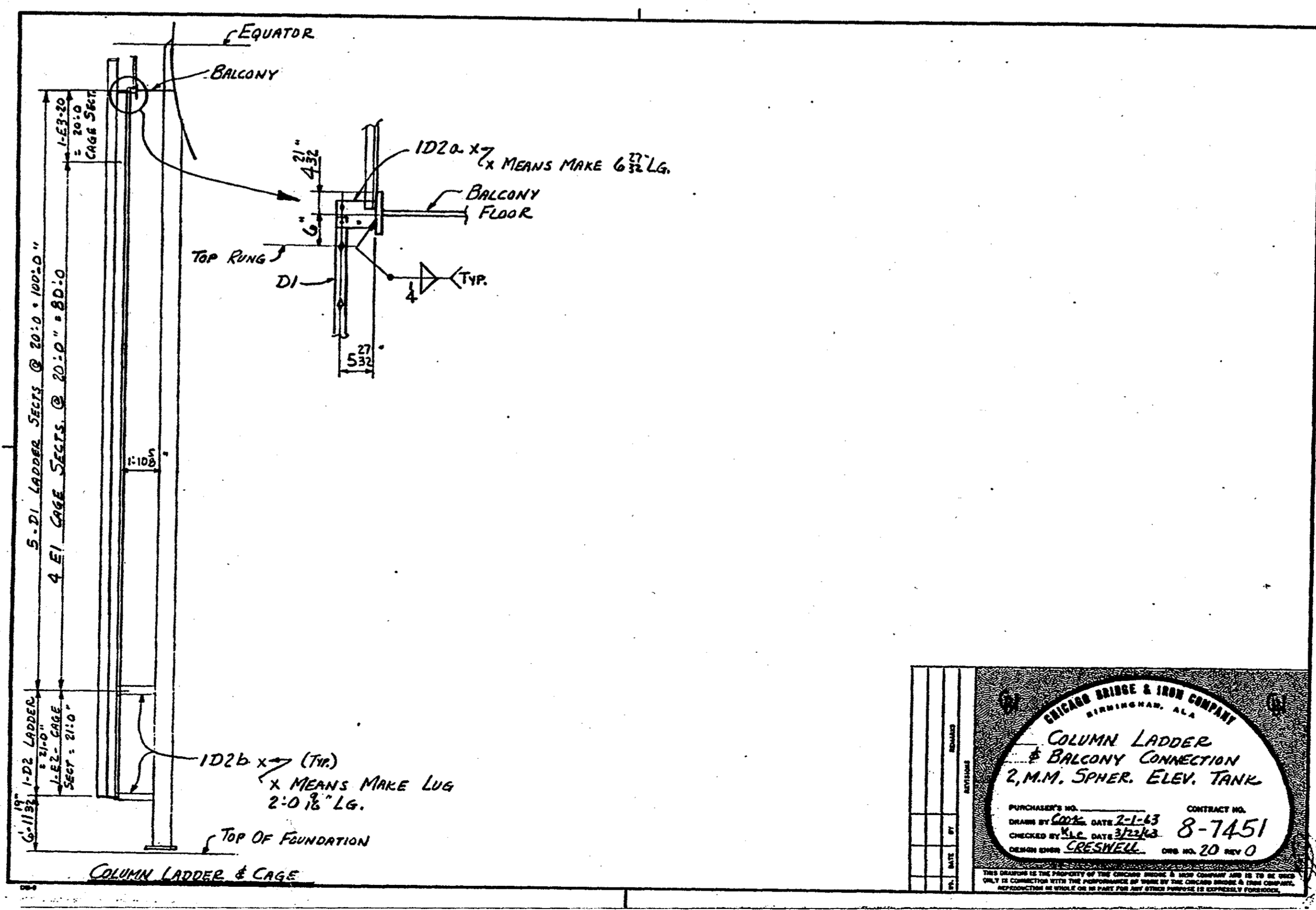
DATE: 10/24/00

DR.	ELK
DATE	
DESCRIPTION	
BY	
SEWERAGE AND WATER BOARD OF NEW ORLEANS	
ALGIERS ELEVATED WATER TANK	
SHOP DWGS	
DATE	10/24/00
SCALE	AS NOTED
SHEET NO.	4 OF 6
DWG. NO.	11880-W-13





Q.P. MARK	NO.	DESCRIPTION	LENGTH	QTY.
1	19-8	LADDER SECTION		
1	19-3	2 3"x3"x1/8"	49'-8 1/2"	1
1	10-1	47 RUNGS	5"	1
2	19-1	R-5K x 8 (SER. 5 1/2 x O-7 3/4)		
4		5" CARRIAGE BOLTS		0 1/2
2	19-2	R-5K x 8 (SER. 5 1/2 x O-6 3/4)		



CHICAGO BRIDGE & IRON COMPANY  
BIRMINGHAM, ALA.

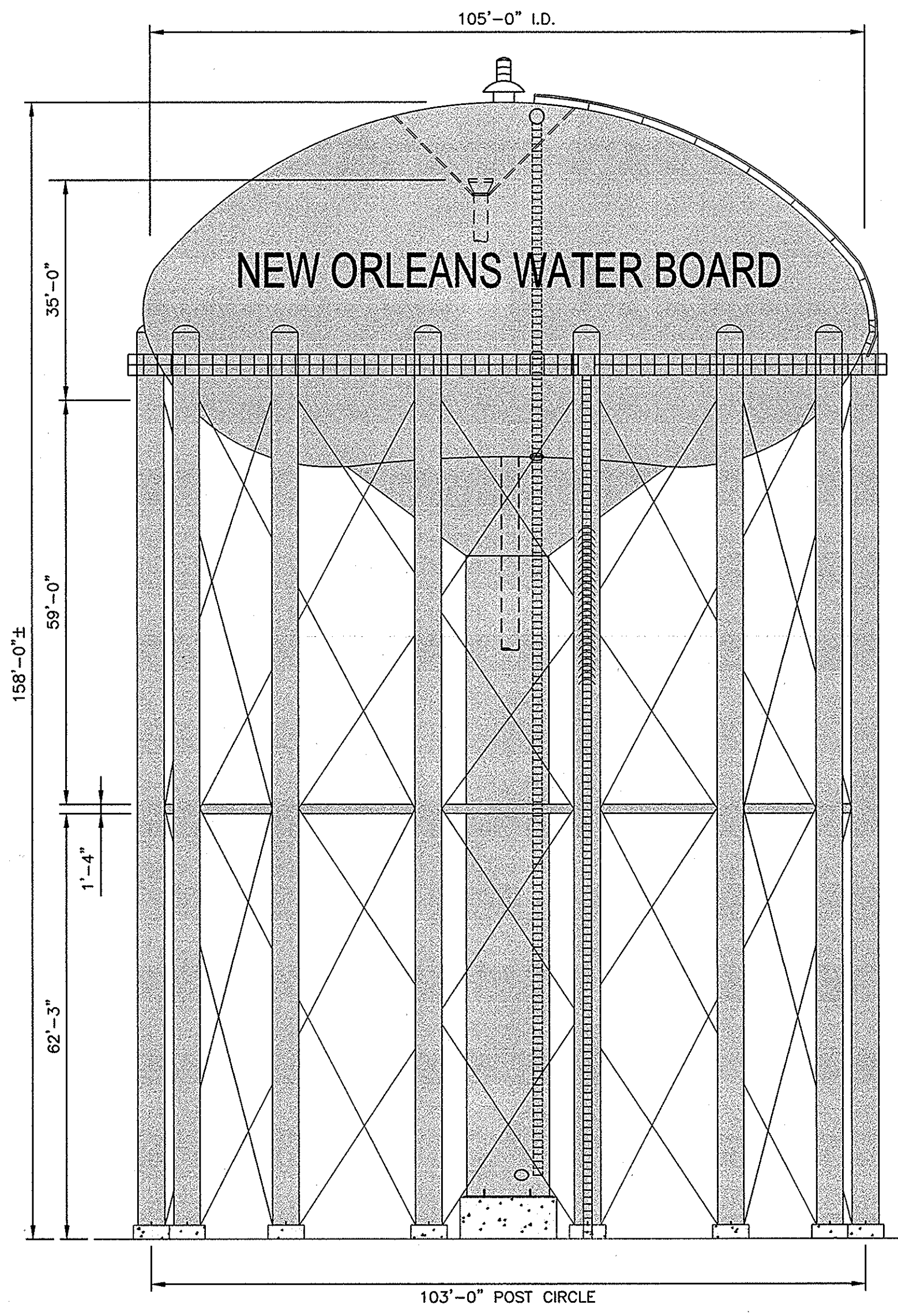
**COLUMN LADDER & BALCONY CONNECTION**  
2, M.M. SPHER. ELEV. TANK

PURCHASER'S NO. \_\_\_\_\_ CONTRACT NO. 8-7451  
DRAWN BY G.A.S. DATE 2-1-43  
CHECKED BY S.L.C. DATE 3/22/43  
DESIGNED BY C.E.S. DATE 20 NOV 40

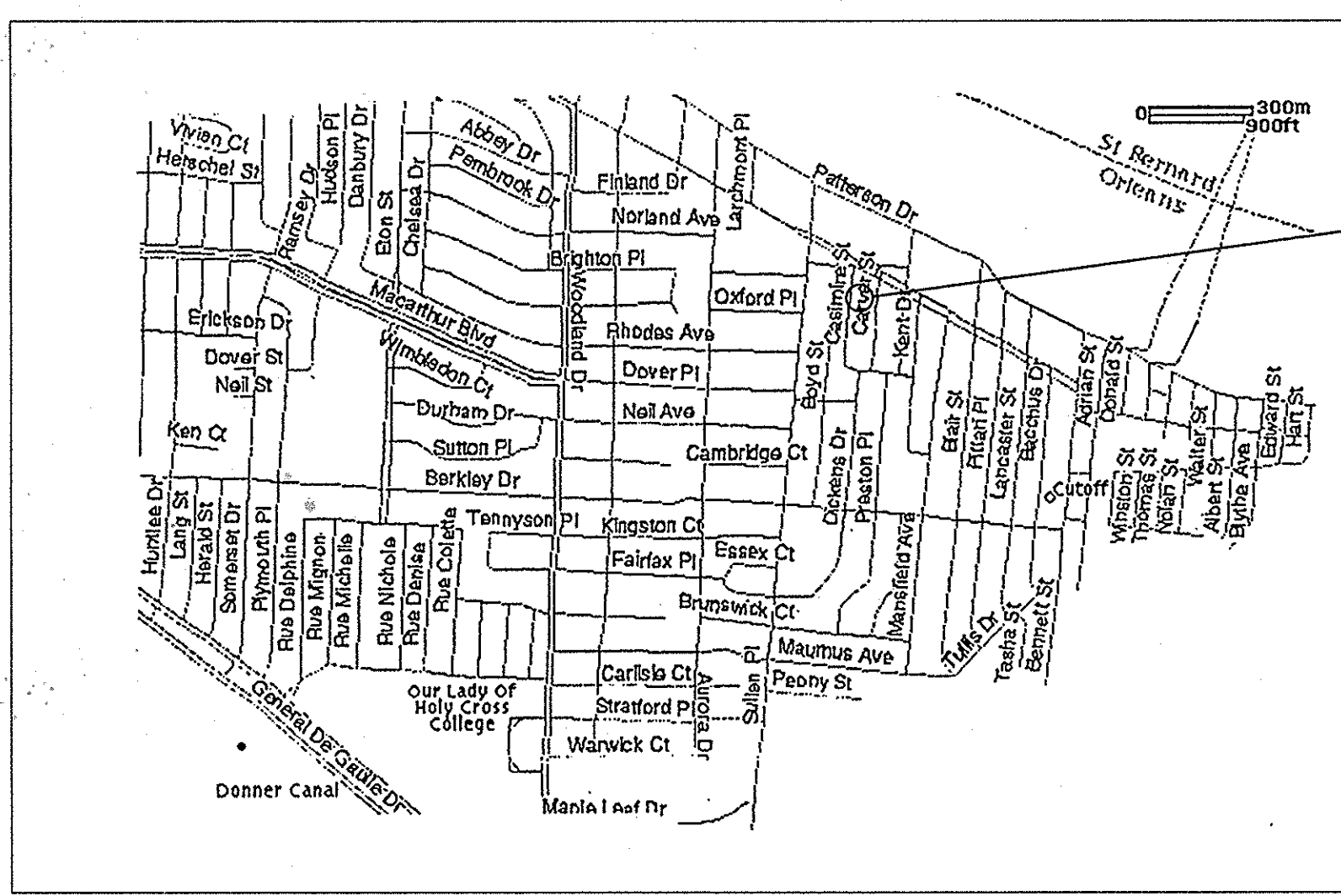
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ALGIERS ELEVATED WATER TANK			
SHOP DWGS			
DR.	E.A.N.		
CK.			
AP.		GENERAL SUPERINTENDENT	
Lot Ed:	10/24/00	DWG. No. 11880-W-13	
SCALE:	AS NOTED		
DATE:	10/24/00	SET NO.	SHEET NO. 5 OF 6



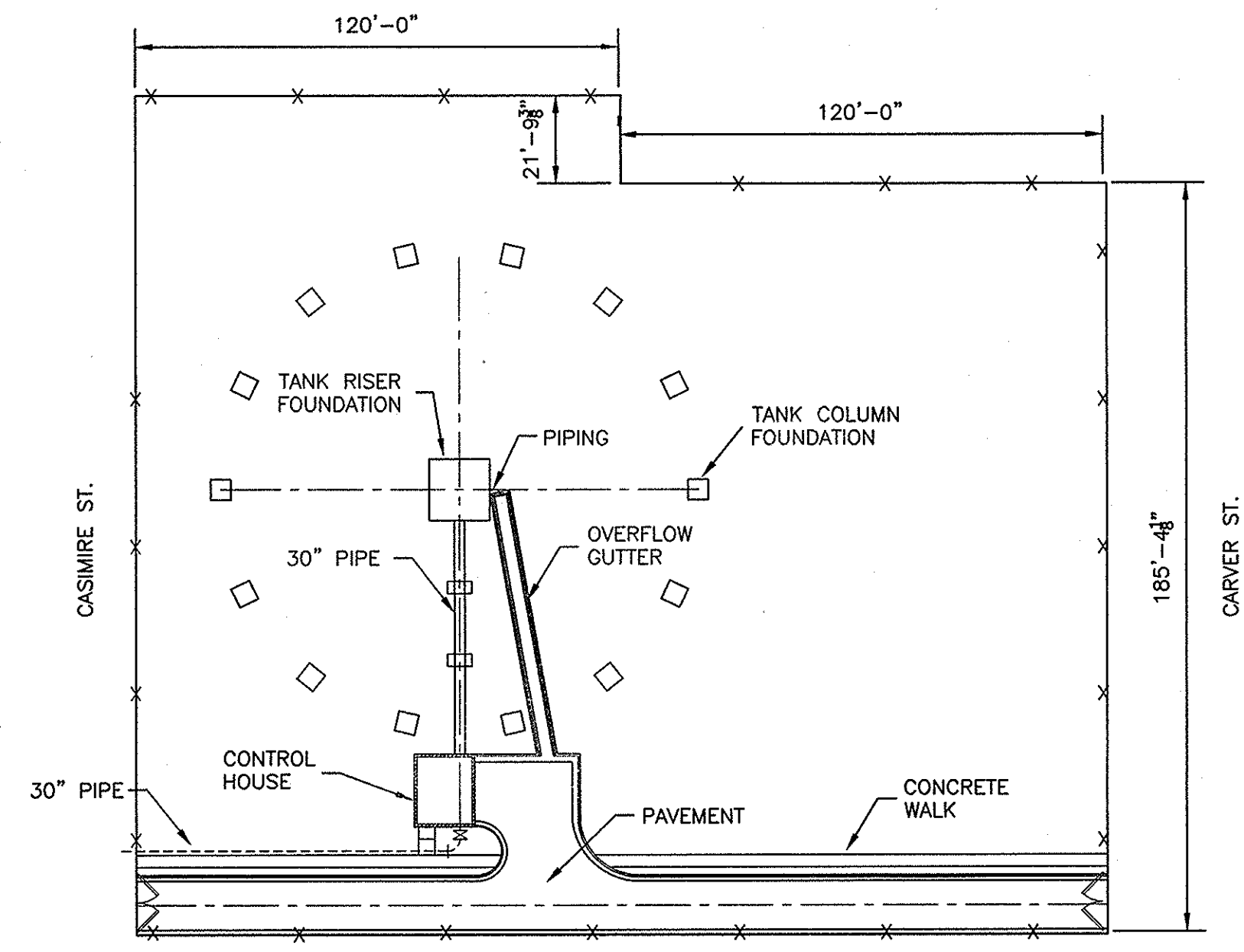
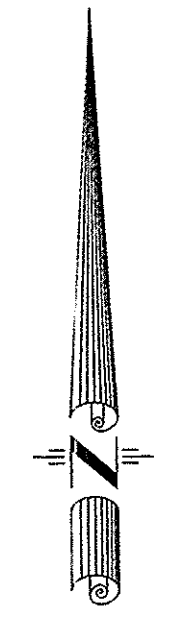




REFURBISHED 2,000,000 GALLON STEEL TANK  
SCALE: NTS



VICINITY MAP  
NTS



SITE PLAN  
NTS

COATING SCHEDULE						
SUBSTRATE	SYSTEM	SURFACE PREP	1st COAT	2nd COAT	3rd COAT	4th COAT
INTERIOR STEEL (1),(2)	ZINC/EPOXY	SP1, SP5	C1 ZINC	C2, 1255 BEIGE	C2, WHO2 TANK WHITE	-----

- (1) DOES NOT INCLUDE LADDERS
- (2) SEE SPECIFICATIONS FOR CAULKING REQUIREMENTS

**COATING LEGEND**

- SP1: REMOVE ALL VISIBLE OIL, GREASE, SOIL, DIRT, AND OTHER SOLUBLE CONTAMINANTS IN ACCORDANCE WITH SSPC-SP1.
- SP5: ABRASIVE BLAST IN ACCORDANCE WITH SSPC-SP5 WHITE METAL BLASTS TO ACHIEVE AN ANCHOR PROFILE OF 1.0 TO 2.0 MILS.
- C1: TNEC SERIES 91 H2O HYDROZINC 2000, 2.5 TO 3.5 MILS
- C2: TNEC SERIES 20 POTA POX PLUS, 4.0 TO 6.0 MILS

**STRUCTURAL STEEL NOTES**

1. WELDING SHALL CONFORM TO ASME BOILER AND PRESSURE VESSEL CODE, SECTION IX AND AWWA D100. WELDERS AND WELDING OPERATORS MUST BE TESTED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF THE ASME BOILER AND PRESSURE VESSEL CODE, SECTION IX. REMOVE PAINT IN AREAS TO BE WELDED.
2. CONTRACTOR SHALL NOT PERFORM ANY WELDING WITHOUT WRITTEN CONSENT OF BOARD'S INSPECTOR.

**GENERAL NOTES**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS PRIOR TO BEGINNING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH CONTROL POINTS REQUIRED FOR CONSTRUCTION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO ORDERING MATERIALS, FABRICATIONS, AND PREPARATION OF SHOP DRAWINGS. THE ENGINEER SHALL IMMEDIATELY BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
3. THE ELEVATED TANK IS ADJACENT TO AN EXISTING RESIDENTIAL AREA. THE CONTRACTOR SHALL USE EXTREME CAUTION TO ENSURE THAT ALL DEBRIS IS CONTAINED AND NOT ALLOWED TO FALL ON ADJACENT PROPERTY. LOCAL CITY ORDINANCES LIMITING EQUIPMENT NOISE AND WORK HOURS SHALL BE FOLLOWED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO RESIDENTIAL STRUCTURES AND EXISTING UTILITIES RESULTING FROM THE WORK. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DAMAGE TO THE ENGINEER. DAMAGE TO ADJACENT PROPERTY, UTILITIES, ETC. SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT HIS EXPENSE.
5. THE TANK ELEVATIONS ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. CONTRACTOR SHALL REFER TO SHOP DRAWINGS FOR SPECIFIC DETAILS OF ROOF FRAMING, BALCONY, LADDERS, STRUTS, RODS, PIPING, WELDS, BOLTS, AND ALL OTHER DETAILS AND ACCESSORIES ASSOCIATED WITH THE TANK. THESE DRAWINGS ARE AVAILABLE AT THE OFFICE OF THE SEWERAGE & WATER BOARD ENGINEERING DEPARTMENT.

REV.	DATE	DESCRIPTION	BY

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

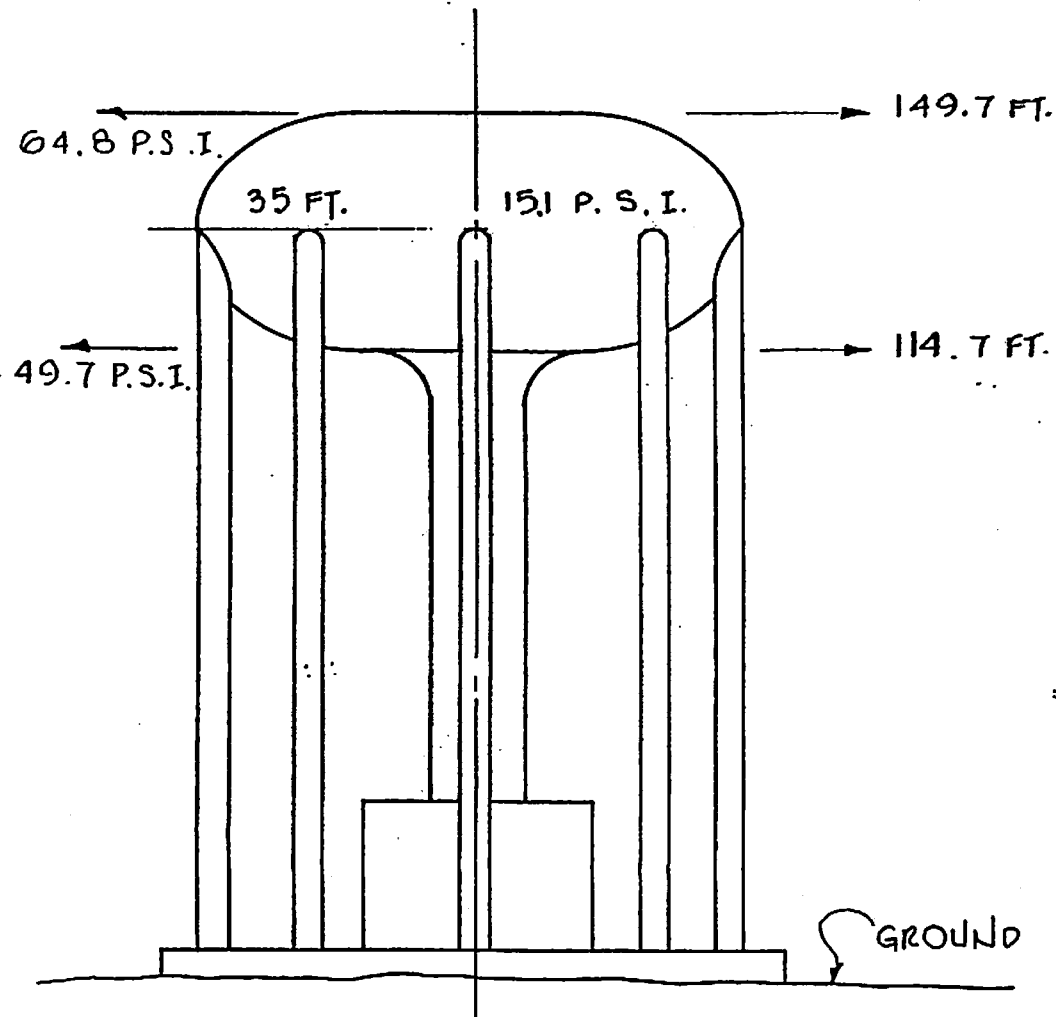
CONTRACT 1317  
REPAIRS TO THE INTERIOR OF THE ALGIERS ELEVATED WATER TANK

ELEVATIONS AND NOTES

DR	E.J.K.	<i>Joseph Sullivan</i> GENERAL SUPERINTENDENT
CH		
AP		
LAST EDIT	8/07/02	<b>DWG. No. 11904-W-13</b>
SCALE:	AS NOTED	
DATE	8/05/02	SET NO.
		SHEET NO. 1 OF 1



VOLUME OF WATER IN ALGIERS  
ELEVATED TANK AT STATED LEVELS -  
(APPROX.)



FEET	MILLION GALLONS
35	2.0
33	1.9
31	1.8
29	1.7
27	1.6
25	1.4
23	1.3
21	1.2
20	1.1
18	1.0
16	.9
15	.8
13	.7
12	.6
10	.5
8	.4
6	.3
5	.2
3	.1
-0-	-0-

SEWERAGE AND WATER BOARD OF NEW ORLEANS

10-26-87

## APPENDIX B

### Pittsburg Tank & Tower Group Inspection Report



**Sewerage & Water Board of New Orleans  
625 St. Joseph Street  
New Orleans, Louisiana 70165  
RE: New Orleans, Louisiana  
2,000,000 Gallon EWT  
October 26, 2022  
Andrew Kessler  
(504) 865-0454  
Job No. 222165**



**Sewerage/Water Board of New Orleans**  
**RE: New Orleans, Louisiana**  
**2,000,000 Gallon EWT**  
**Job No. 222165**



Photo shows the tank is secured with fencing. There is no signage on the fence. We recommend posting a **Warning, Tampering With This Facility is a Federal Offense** (US code title 42, section 300i-1) sign and a **No Trespassing** sign.



Photo shows the tank foundations are properly graded and in compliance with **AWWA D100-21; 12.7.1 Height aboveground.**





Photos show two (2) examples of the fourteen (14) foundations. We recommend sealing the foundations with a sealant.



Photo shows one (1) of the anchor bolts, which appear to be in good condition.



Photo shows the base of the riser pipe. Currently there is no riser drain valve. We recommend installing a frost proof drain valve near the base of the riser pipe, complete with a locking device to prevent unauthorized draining of the tank.





Photo shows the condition of the riser manway. **This manway would restrict access in the case of an emergency.** The riser manway requires the following to be in compliance with **AWWA D100-21; 5.4.4: Steel riser manhole** and **OSHA 1910.146(c)(2) Confined spaces.**

We recommend:

Replace manway with 24" riser manway  
Post **Confined Space Entry** sign



Photos show the 12" overflow pipe system, which is equipped with a flapper valve as required by [AWWA D100-21; 5.3: Overflow](#). We recommend installing a new screen on the existing overflow pipe elbow.



Tower access ladder in above photo is 16” wide in compliance with **OSHA 1910.23 Ladders** and **AWWA D100-21; 5.4.2: Ladders**. We recommend installing a lockable ladder guard to prevent unauthorized access, and posting a **Fall Protection Required** sign at the base of the ladder.



**Sewerage/Water Board of New Orleans**  
**RE: New Orleans, Louisiana**  
**2,000,000 Gallon EWT**  
**Job No. 222165**



Photo shows the condition of the windage rods, which appear to be in tune and properly adjusted.





Photo shows the condition of the stay rod bands. We recommend removing the stay rod bands, repairing any defective or deteriorated areas on the riser pipe where the bands were attached, replacing the bands with clips, reattaching the stay rods to the riser clips, then adjusting the stay rods, as needed, to withstand 100 mph winds blowing from any direction.



**Sewerage/Water Board of New Orleans**  
**RE: New Orleans, Louisiana**  
**2,000,000 Gallon EWT**  
**Job No. 222165**

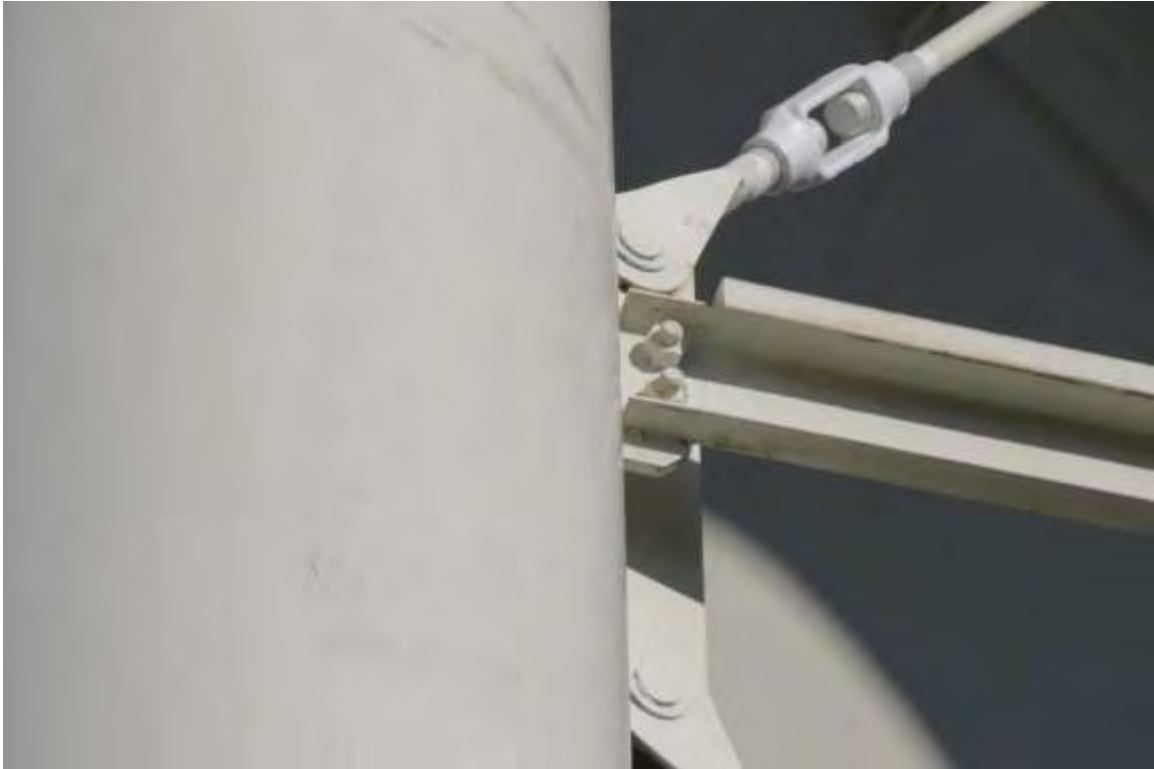


Photo shows the strut end connections, which have been seal welded and appear to be in good condition.



Photo shows the riser pipe and bowl connection, which appears to be in good condition.



Photo shows the tank balcony is equipped with a compliant handrail system for fall protection as required by [OSHA 1910.28\(b\)\(1\)](#). The 42" handrail system is equipped with an intermediate rail and a toeboard. We recommend to install a swing gate at the opening in the handrail at the junction of the tower access ladder and structural girder.





Photo shows the condition of the 24" primary shell manway. The following is required for the tank to be in compliance with **AWWA D100-21; 7.4.4 Shell manholes** and **OSHA 1910.146(c)(2) Confined spaces**.

We recommend:

Install 30" secondary shell manway 180° from primary manway  
Post **Confined Space Entry** signs

We further recommend installing **OSHA** compliant interior bowl access ladders complete with standoffs every 10' on center, and cable type ladder safety devices at the primary and suggested secondary shell manways.

*\*In cold climates it's up to the owner's discretion on placement of internal ladders.*



Photo shows the posthead connections. The postheads secure the column legs to the tank shell and support the tank's live and dead load. The postheads have been welded around the circumference of the posthead-to-shell connections for reinforcement and appear to be in good condition.



**Sewerage/Water Board of New Orleans**  
**RE: New Orleans, Louisiana**  
**2,000,000 Gallon EWT**  
**Job No. 222165**



Photo shows the tank is not equipped with a liquid level indicator. We recommend installing a float-type liquid level indicator.



**Sewerage/Water Board of New Orleans**  
**RE: New Orleans, Louisiana**  
**2,000,000 Gallon EWT**  
**Job No. 222165**



Shell-to-knuckle roof access ladder in above photo is 16” wide in compliance with [OSHA 1910.23 Ladders](#) and [AWWA D100-21; 5.4.2 Ladders](#).



Photo shows the tank roof edge is not equipped with a required handrail system for fall protection. **OSHA 1910.28(b)(1)(i)** states, "...the employer must ensure that each employee on a walking-working surface with an unprotected side or edge that is 4 feet (1.2 m) or more above a lower level is protected from falling by one or more of the following: **1910.28(b)(1)(i)(A) Guardrail systems.**" We recommend installing an **OSHA** compliant 42" high handrail system around the circumference of the tank roof, complete with intermediate rail, toeboard and a swing gate at the junction of the shell-to-knuckle roof access ladder and tank roof.





Photo shows the condition of the 24" primary roof hatch. Roof openings on this tank require the following to be in compliance with [AWWA D100-21; 5.4.3 Roof openings](#) and [OSHA 1910.146\(c\)\(2\) Confined spaces](#).

We recommend:

- Install 30" secondary roof hatch 180° from primary hatch
- Post **Confined Space Entry** sign
- Install lock on primary hatch

We further recommend installing an [OSHA](#) compliant interior bowl access ladder complete with standoffs every 10' on center, and a cable type ladder safety device at the secondary shell manway.

*In cold climates it's up to the owner's discretion on placement of internal ladders*



Primary interior access ladder in above photo is not equipped with anti-skid rungs, and is only 13" wide. **OSHA 1910.23(b)(4)** states, "Ladder rungs, steps, and cleats have a minimum clear width of... 16 inches (41 cm) (measured before installation of ladder safety systems) for fixed ladders..." We recommend installing an **OSHA** compliant interior access ladder complete with standoffs every 10' on center, a cable type ladder safety device at the primary roof hatch and modifying the existing rungs to be anti-skid.

*\*In cold climates it's up to the owner's discretion on placement of internal ladders.*



Photos show the tank exterior coating system. We recommend pressure washing the tank exterior with biodegradable detergent injection (minimum 3,500 psi at 3.0 gpm) then removing all loose rust and scale with wire brushes and hand scrapers in accordance with SSPC#2 (hand tool cleaning), spot priming and applying one (1) finish coat of dry fall paint.



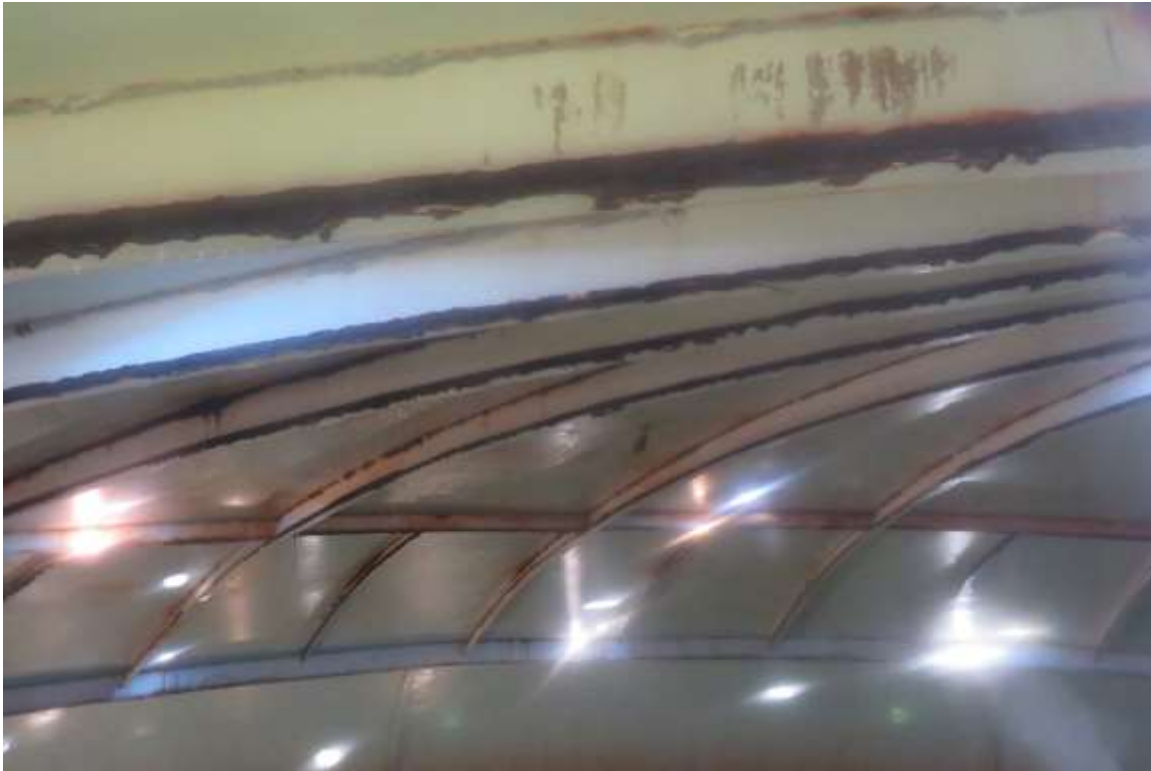


Photo shows the condition of the interior roof. **Notice the rust forming at the roof lap seams.** We recommend seam sealing using Sikaflex® 1a on all unwelded interior roof lap seams to prevent failure of the interior liner. This work is to be performed in conjunction with application of new interior liner.



Photos show the condition of the interior coating system. We recommend sand-blasting all rusted and abraded interior areas to SSPC-SP10 (near white), and brush blasting all remaining interior areas to SSPC-SP7; then applying one (1) spot coat of epoxy primer to all areas sandblasted to #10, stripe coating all weld seams, and applying an epoxy liner to the entire tank, to achieve 8 to 10 mils of total dry film thickness. Total mil thickness will include a combination of the existing and new coating.



1 Watertank Place  
PO Box 1849  
Henderson, KY 42419  
P: (270) 826-9000  
F: (270) 767-6912  
www.pttg.com

**ELEVATED TANK INSPECTION REPORT**

JOB NO: 222165 INSPECTOR: Chadd Johnson (EE)  
TANK OWNER: Sewerage & Water Board of New Orleans  
OWNER'S REPRESENTATIVE: Andrew Kessler  
MAILING ADDRESS: 625 St. Joseph Street New Orleans, Louisiana 70165  
PHYSICAL ADDRESS: 625 St. Joseph Street New Orleans, Louisiana 70165  
E-MAIL: akessler@swbno.org  
CITY, STATE: New Orleans, Louisiana ZIP: 70165 COUNTY: Orleans Parish  
TELEPHONE: (504) 865-0454 FAX: Not Provided  
LOCATION OF TANK: 2940 Casimire Street, New Orleans, Louisiana 70165

**Sewerage & Water Board of New Orleans  
625 St. Joseph Street  
New Orleans, Louisiana 70165  
October 26, 2022  
Andrew Kessler  
(504) 865-0454**

ORIGINAL CONTRACT NO: 8-7451 YEAR BUILT: 1963  
ORIGINAL MANUFACTURER: CBI CAPACITY: 2,000,000 Gallon  
DATE OF LAST INSPECTION: June 7, 2017 TYPE: Potable  
HIGH WATER LEVEL: 149'-7" LOW WATER LEVEL: 114'-7"  
DIAMETER: 105'-0" HEAD RANGE: 35'-0"  
TYPE CONSTRUCTION: WELDED: X RIVETED:            BOLTED:             
ACCOUNT EXECUTIVE: Mark Moesner

Page #	Work Proposed	Critical Deficiency	NON-Critical Deficiency	OSHA	Structural	Preventive Maintenance
2	Post a Warning, Tampering With This Facility is a Federal Offense (US code title 42, section 300i-1) sign.		X			
	Post a No Trespassing sign.		X			
4	Seal the foundations with a sealant.					X
6	Install a frost proof drain valve near the base of the riser pipe, complete with a locking device.		X			
7	Replace manway with 24" riser manway.		X	X		
	Post Confined Space Entry sign on riser manway.			X		
8	Install a new screen on the overflow pipe elbow.					X
9	Install a lockable ladder guard on exterior tower access ladder.					X
	Post Fall Protection Required sign at base of exterior tower access ladder.			X		
11	Remove the stay rod bands, repair any defective or deteriorated areas on the riser pipe where the bands were attached, replace the bands with clips, reattach the stay rods to the riser clips, then adjust stay rods as needed.				X	
14	Install a swing gate at the junction of the tower access ladder and structural girder.			X		
15	Install 30" secondary shell manway 180° from primary manway.		X	X		
	Install davit slide on primary shell manway.					
	Post Confined Space Entry sign on primary shell manway.			X		
	Install compliant interior bowl access ladders complete with standoffs every 10' on center at the primary and suggested secondary shell manways. <i>In cold climates it's up to the owner's discretion on placement of internal ladders.</i>			X		
	Install cable type ladder safety devices on primary and secondary interior bowl access ladders.			X		

Page #	Work Proposed	Critical Deficiency	NON-Critical Deficiency	OSHA	Structural	Preventive Maintenance
17	Install a float-type liquid level indicator.		X			
19	Install a compliant 42" high handrail system around the circumference of the tank roof, complete with intermediate rail, toeboard and a swing gate at the junction of the shell-to-knuckle roof access ladder and tank roof.			X		
20	Install 30" secondary roof hatch 180° from primary hatch.		X	X		
	Post Confined Space Entry sign on primary roof hatch.			X		
	Install lock on primary roof hatch.					X
	Install a compliant interior access ladder complete with standoffs every 10' on center at the suggested secondary roof hatch. <i>In cold climates it's up to the owner's discretion on placement of internal ladders.</i>			X		
	Install a cable type ladder safety device on secondary interior access ladder.			X		
21	Install a compliant interior access ladder complete with standoffs every 10' on center at the primary roof hatch. <i>In cold climates it's up to the owner's discretion on placement of internal ladders.</i>			X		
	Install a cable type ladder safety device on primary interior access ladder.			X		
22	Pressure wash the tank exterior with biodegradable detergent injection (minimum 3,500 psi at 3.0 gpm) then remove all loose rust and scale with wire brushes and hand scrapers in accordance with SSPC#2 (hand tool cleaning), spot prime and apply one (1) finish coat of acrylic paint.					X
23	Seam seal all un-welded interior roof lap seams using Sikaflex® 1a. This work is to be performed in conjunction with application of new interior liner.					X



Page #	Work Proposed	Critical Deficiency	NON-Critical Deficiency	OSHA	Structural	Preventive Maintenance
24	Sandblast all rusted and abraded interior areas to SSPC-SP10 (near white), and brush blast all remaining interior areas to SSPC-SP7; then apply one (1) spot coat of epoxy primer to all areas sandblasted to #10, stripe coat all weld seams, and apply an epoxy liner to the entire tank, to achieve 8 to 10 mils of total dry film thickness. Total mil thickness will include a combination of the existing and new coating.					X