

TECHNICAL SPECIFICATIONS INDEX

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SECTION 01300 - SUBMITTALS

PART 1 - SUBMITTALS

1.1 General

- A. This section of specifications covers the General Requirements for the preparation and assembly of submittals during the progress of the work. Any questions concerning the submittal process should be directed to the Engineer.

1.2 Administrative Submittals

- A. All administrative submittals required in the Bid Documents, General Conditions, Supplementary Conditions, or Technical Specifications shall be provided by the Contractor. These submittals include but are not limited to payrolls, construction schedules, EEO documentation (if required), etc.
- B. All permits to Federal, State or Local authorities shall be submitted promptly by the Contractor.
- C. The Contractor shall submit on a daily basis the number of persons employed in the construction process, both Contractor and Subcontractor personnel, their classification, equipment used during the day, equipment added or deleted from the jobsite and the amount of work accomplished in each classification of work performed that day.

1.3 Technical Submittals

- A. All submittals shall be bound with a Table of Contents, clearly indicating all included material submittals.
- B. Completely identify each submittal and re-submittal by showing at least the following information.
 - 1. Name and address of submitter, plus name and telephone number of the individual who may be contacted for further information.
 - 2. Name of project as it appears in the bid documents.
 - 3. Drawing number and specifications section number to which the submittal applies.
 - 4. Whether this is an original submittal or resubmittal.
- C. Prior to submittal for Engineer's review, use all means necessary to fully coordinate all material, including the following procedures:
 - 1. Determine and verify all field dimensions and conditions, materials, catalog numbers, and similar data.
 - 2. Coordinate as required with all trades and with all public agencies involved.
 - 3. Secure all necessary approvals from public agencies and others and signify by stamp, or other means, that they have been secured.

4. Clearly indicate all deviations from the Contract Documents.

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- D. ~~Grouping of Submittals: Unless otherwise specifically permitted by the Engineer, make all submittals in groups containing all associated items; the Engineer may reject partial submittals as not complying with the provisions of the Contract Documents.~~
 - E. General: Make all submittals far enough in advance of scheduled dates of installation to provide all required time for reviews, for securing necessary approvals, for possible revision and resubmittal, and for placing orders and securing delivery.
 - F. In scheduling, allow at least seven (7) full working days for the Engineer's review following his receipt of the submittal.
 1. Delays: Cost of delays occasioned by tardiness of submittals may be back-charged as necessary and shall not be borne by the Owner.

1.4 Substitutions

- A. Engineer's Approval Required: The Contract is based on materials, equipment, and methods described in the Contract Documents:
 1. The Engineer will consider proposals for substitution of materials, equipment, and methods only when such proposals are accompanied by full and complete technical data and all other information required by the Engineer to evaluate the proposed substitution.
 2. Do not substitute materials, equipment, or methods unless such substitution has been specifically accepted, in writing, for this work by the Engineer.
- B. Or Equal: Where the phrase "or equal" or "or equal as approved by the Engineer" occurs in the Contract Documents, do not assume that material, equipment, or methods will be approved as equal by the Engineer unless the item has been specifically accepted, in writing, for this work by the Engineer.
 1. The decision of the Engineer shall be final.

1.5 Shop Drawings

- A. Scale Required:
 1. Unless otherwise specifically directed by the Engineer, make all Shop Drawings accurately to a scale sufficiently large to show all pertinent features of the item and its method of connection to the work.
- B. Type of Prints Required:
 1. Unless otherwise specifically directed by the Engineer, make all Shop Drawing prints in blue or black line on white background.
- C. Number of Prints Required:
 1. Submit all Shop Drawings in the quantity which is required to be returned plus four copies

which will be retained by the Engineer.

1.6 Copies Required

- A. In general, unless directed otherwise by the Engineer, the Contractor's submittals shall be in sufficient quantities to allow four (4) copies to be retained by the Engineer.

1.7 Work Performed Prior to Submittal Acceptance

- A. Any and all work performed by the Contractor prior to submittal review shall be at the Contractor's risk. No payment shall be made on items prior to a reviewed submittal.

END OF SECTION 01300

SECTION 01506 - SANITARY FACILITIES

PART 1 - GENERAL

1.1 Work Included

- A. Furnish and install all required temporary toilet buildings with sanitary toilets for use of all workmen; comply with all minimum requirements of the Health Department or other public agency having jurisdiction; maintain in a sanitary condition at all times.

END OF SECTION 01506

SECTION 01600 - MATERIALS

PART 1 - MATERIALS

1.1 General

- A. Material shall be new and without any indication of damage or overage. If usually packaged bring to job in original unbroken labeled containers. Materials not specified but required, shall be of a grade equal or superior to related parts of work.

1.2 Brand Names

- A. Mentioned herein to establish a standard of design and quality, except when indicated in subsequent sections in regard to each particular item. Qualified pre-bid approval may be given to various vendors at their request on products for various vendors at their request on products for which pre-bid approval is not required; such approvals will be communicated only to the vendor.
- B. Where three or more manufacturers are listed, the product must be furnished by one of the manufacturers so listed unless specific approval of other brand is obtained in writing. Comparison of substitute brands will be with the first name of those listed.
- C. By requesting approval of or by making a substitution, the Contractor shall certify that the product substituted is in all respects equal to, and will function equally well in the project, as the product specified. The Architect/Engineer, at his discretion may require the certification in writing.
- D. See General Conditions Par. 1.1 for additional requirements.

1.3 Installation

- A. Install, apply, connect, clean and operate all materials and equipment per manufacturer's directions and recommendations. In event of conflict between specifications and manufacturer's directions, obtain Instructions from Engineer.

1.4 Color Selections

- A. The Architect's/Engineer's color schedule will be prepared for color only; it will not justify deviations from Contract requirements (such as changing of finish material, type of paint, etc.) which must be made by Change Order. Where color numbers and names conflict, secure instructions before proceeding.
- B. The Owner shall make final selection of all material colors.

1.5 Foreign Materials

- A. In accordance with State Law, provide only materials manufactured, mined or processed in the United States or its territories, provided same are available at reasonable prices.

END OF SECTION 01600

SECTION 01810 – CONTRACT CLOSEOUT

PART 1 - GENERAL

1.1 Work Included

- A. This section of specifications outlines the general procedures to be followed for the closeout of all contracts.

1.2 Substantial Completion

- A. The substantial completion date for each portion of work shall be as established by the General Conditions and the Contract. The Contractor should be aware that the Owner may desire to place portions of the work into service prior to completion of the contract. The Contractor should refer to the Contract Documents for phases of work to be placed in service.

1.3 Final Inspection

- A. Upon final cleaning and written notice from the Contractor that the work is completed, the Engineer will make a preliminary inspection with the Owner and Contractor present. Upon completion of the preliminary inspection, the Engineer will notify in writing any defective or incomplete work revealed by the inspection.
- B. Upon receiving notification from the Engineer, the Contractor shall immediately proceed to remedy all punch list items to the satisfaction of the Owner.
- C. The Contractor shall inform the Engineer in writing that he has completed or corrected all punch list items, and desires final inspection. The Engineer, in the presence of the Owner and Contractor, shall make a final inspection of the project.
- D. Should the Engineer find all work to be satisfactory, the Contractor may make application for final payment in accordance with the General Conditions of the contract. Should the Engineer find deficiencies in the work, the Engineer will inform the Contractor and deny any request for final payment until such deficiencies are corrected to the satisfaction of the Owner and Engineer.

1.4 Final Submittals

- A. The contract shall not be finalized and final payment shall be withheld until all submittals, shop drawings, as-built drawings, keys, etc. are submitted to the Engineer. All guarantees, bonds, affidavits, releases shall be finalized and satisfactorily submitted to the Engineer before final payment is made. Final payment shall be withheld until satisfactory evidence of release of all liens and claims against the contractor have been submitted to the Engineer.

END OF SECTION 01810

January 2003

Tank RIDGELAND

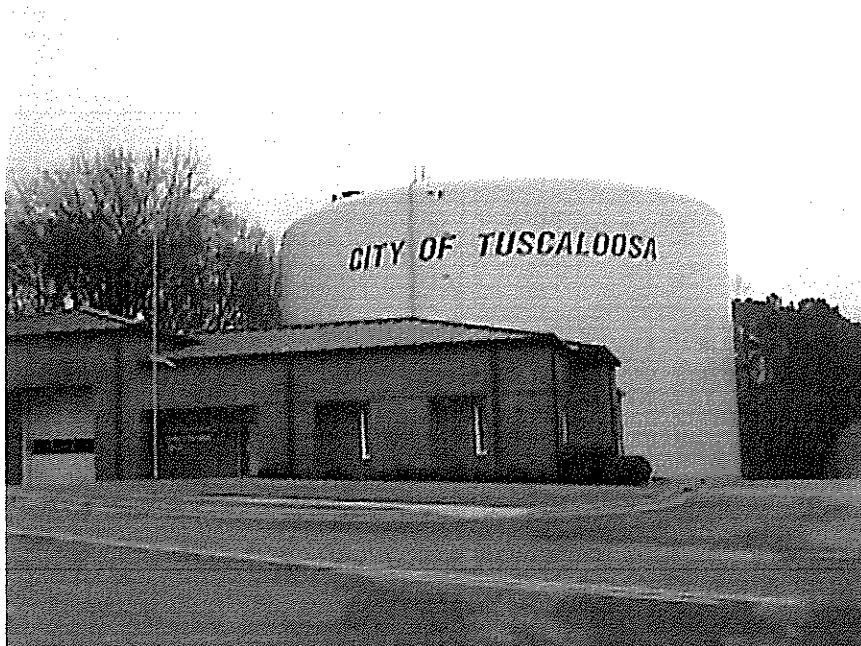
Location 202 RICE VALLEY ROAD (BEHIND F.S. #3)

Capacity 4.0 MILLION GALLONS

Year of Construction 1979

Elevation 360 FT. Height 63 FT. Diameter 104 FT

Ridgeland Tank



Tank BOWERS

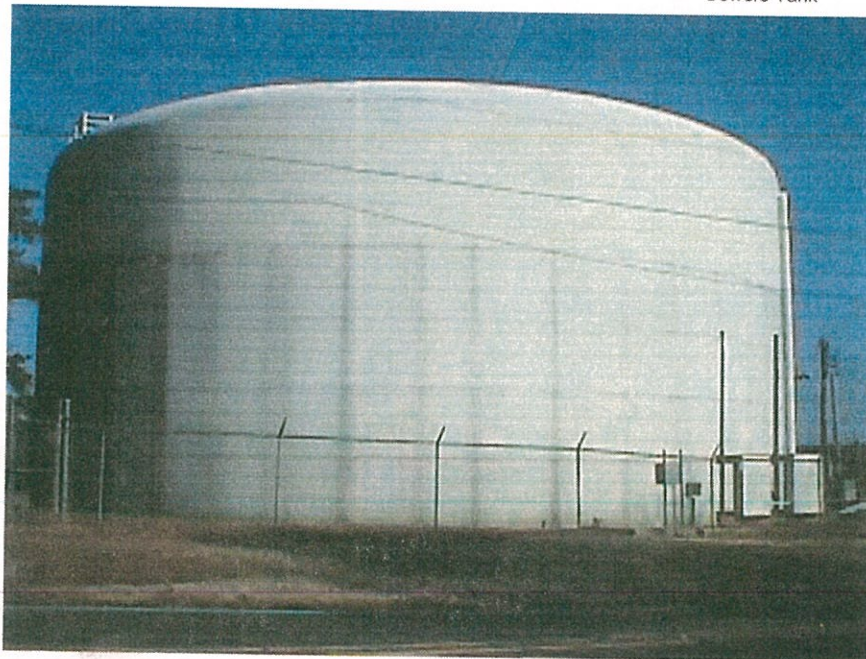
Location HARGROVE ROAD & 37TH AVE IN BOWERS PARK

Capacity 2.331 MILLION GALLONS

Year of Construction 1969

Elevation 360 FT. Height ^{43.167} 43.167 FT. Diameter 95 FT

Bowers Tank



January 2003

Tank 29th STREET

Location 29TH STREET & 6TH AVENUE

Capacity 2.0MILLION GALLONS

Year of Construction 1992

Elevation 360 FT. **Height** 155 FT. **Diameter** 100 FT

29th Street Tank



January 2003

Tank MONTGOMERY HIGHWAY

Location 5800 MCFARLAND BLVD, EAST

Capacity 2.0 MILLION GALLONS

Year of Construction 1976

Elevation 390 FT. Height 80 FT. Diameter 66 FT

Montgomery Highway Tank



January 2003

Tank HILLCREST

Location 400 SOUTHVIEW AVENUE

Capacity 1.5 MILLION GALLONS

Year of Construction 1993

Elevation 430 FT. Height 114.6 FT. Diameter 85 FT

Hillcrest Tank

