

Cagnon Ground Storage Tank Replacement Project

Vicente Garza, P.E., PMP
Engineering Manager, SAWS

Stella Manzello
Contract Administrator, SAWS

Marisol V. Robles
SMWVB Program Manager, SAWS

Jaime Kypuros, P.E.
Sr. Project Manager, Tetra Tech



Non-Mandatory Pre-Proposal Meeting
September 13, 2021 at 2:00 PM

MAKING SAN ANTONIO
WATERFUL 

Oral Statements

Oral statements or discussion during the pre-proposal meeting will not be binding, nor will it change or affect the terms or conditions within the Plans and Specifications for this Project. Changes, if any, will be addressed only via an Addendum



Meeting Agenda

- Project Overview
- Key Project Information
- SMWB
- Contract Requirements
- Evaluation Process
- Required Experience
- Proposal Packet Preparation
- Evaluation Criteria
- Additional Reminders
- Communication Reminders
- Key Dates
- Submission Due Date
- Project Details
- Questions

Project Overview

- The project includes:
 - Replacement of Existing GST with new Pre-stressed Concrete GST
 - Interconnection to WRIP Pipeline
 - Construction of Control Valve Assembly and Yard Piping
 - Overcoating Existing EST
 - Electrical and SCADA Improvements
 - Site Improvements
- Contract duration is 530 calendar days
- Construction cost estimate is approximately **\$5,900,000.00**

Key Project Information

- Procured under Chapter 2269 of Texas Government Code as a Request for Competitive Sealed Proposals (RFCSP)
- Geotechnical Data Report is available on the SAWWS website with execution of a disclaimer

Small, Minority, and Woman-owned Business (SMWB)

Industry	Aspirational SMWB Goal
Construction	20%

The aspirational SMWB goal is expressed as 20% of your total price proposal

SMWB Scoring: SIR 10 & 11

Proposed SAWS Construction Alternative Delivery Method SMWB Scoring:

All respondents may earn the maximum number of SMWB points (10 points). Firms may use any combination of points below when attempting to meet the SMWB goals. Self-performance and subcontracting may be used to achieve the aspirational goals and earn points. SMWB prime contractors and/or subcontractors must be certified by the South Central Texas Regional Certification Agency, and must have a local presence in the San Antonio Metropolitan Statistical Area in order to be eligible for SMWB points.

1. M/WBE Scoring Method: 10 Points (By percentage) 20.00% M/WBE Goal

- MBE Participation Percentage between 1% and 4.99%: 1 Point
- MBE Participation Percentage between 5% and 9.99%: 2 Points
- MBE Participation Percentage between 10% and 14.99%: 4 Points
- MBE Participation Percentage between 15% and 16.99%: 5 Points
- MBE Participation Percentage between 17% and 19.99%: 8 Points
- MBE Participation Percentage meeting or exceeding 20.00%: 10 Points

2. SBE (Non-M/WBE) Scoring Method: 5 Points (By percentage) 5% SBE Goal

- SBE Participation Percentage between 1% and 1.99%: 1 Point
- SBE Participation Percentage between 2% and 2.99%: 2 Points
- SBE Participation Percentage between 3% and 3.99%: 3 Points
- SBE Participation Percentage between 4% and 4.99%: 4 Points
- SBE Participation Percentage meeting or exceeding 5.00%: 5 Points

Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 20% SMWB goal mandatory?**

A: No, but we ask prime contractors to do their best with good faith outreach efforts. If the goal is not met, proof of outreach efforts is required with the submittal.

- **Q: What if I am having trouble finding SMWB subcontractors?**

A: The South Central Texas Regional Certification Agency (SCTRCA) has a search portal at www.sctrca.sctrca.org. The SCTRCA also accepts corporate members, who have access to Excel-exportable database files.

- **Q: What if my business is SMWB-certified? Do I need to find SMWB subs?**

A: If your firm is SMWB-certified, you will most likely meet the goal. However, the GFEP is a required document, and a good faith outreach effort is still necessary.

- **Q: Do I need to include all my subcontractors in the GFEP or just those that qualify towards the SMWB goal?**

A: All subcontractors need to be included in the GFEP, even those that may not count towards the SMWB goal.

- **Q: What if I have questions about the GFEP?**

A: Please contact the SMWB Program Manager at 210-233-3420, or at Marisol.Robles@saws.org. GFEP questions can be asked at any time before the submittal is due.

SMWB Prerequisites

- **South Central Texas Regional Certification Agency**
(Includes the Texas Historically Underutilized Business “HUB” Program)
- SBE-Certified (even MBEs and WBEs)
- **Local office or local equipment yard**

Post Award: Subcontractor Payment & Utilization Reporting (S.P.U.R.) System

1. Subcontractor & Supplier Payment Tracking
2. Subcontractor and Supplier Additions or Substitutions
3. LCP Tracker
4. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>



San Antonio Water System

OUR MAIN SITE CONTACT SUPPORT

Subcontractor Payment & Utilization Reporting System

Log In

System Training
Learn how to fully utilize our system with a live trainer
Training

About the System
Learn more about this system and how it works today
Information for Vendors

Account Access
Lookup Vendor accounts or reset user passwords
Account Lookup
Forgot Password

The Subcontractor Payment & Utilization Reporting System is powered by B2Gnow Software © Copyright 2018.

Cagnon Ground Storage Tank Replacement Project

Contract Requirements

- Prevailing Wage Rate and Labor Standards – Section 2.10 of the General Conditions
 - Certified payroll to be submitted on weekly basis
 - Wage decisions are included within the specifications
 - Contractors to utilize LCP Tracker
 - Site visits are random and unannounced
 - Interviews will be conducted and will be private & confidential
 - Payroll records are subject to review
 - All apprenticeship programs will need to be approved by Department of Labor prior to starting
 - Contractors are responsible for sub-contractor payroll
 - Late payrolls delay contractor payments from SAWS

Contract Requirements

- Insurance – Found in Section 5.7 of the General Conditions
 - Include General Liability for Construction, Pollution Liability, and Builder's Risk
 - Selected contractor must be compliant with all other contracts in order for SAWS to award the contract
 - SAWS will request insurance certificate prior to Board award to ensure insurance compliance and expedite execution of the contract
 - Insurance must be compliant prior to executing the contract

Contract Requirements

- Supplemental Conditions
 - Contractor shall perform the Work with its own organization on at least 35% of the total original contract price confirmed in the GFEP
 - Liquidated Damages will be assessed at **\$1,400.00** per day

Evaluation Process

- Technical Evaluation Committee (TEC) will score the proposals based on the evaluation criteria published in the Supplementary Instructions to Respondents (SIR) to determine the Respondent who can provide the best value to SAWS
- Price will be calculated (lowest price receives the most points)
- SMWB will be added to final scores
- Selection Evaluation Committee reviews final scores and recommends firm
- Negotiations, if any
- Board award

Required Experience

- Respondents should clearly demonstrate, completely and sufficiently, that constructing new public potable water prestressed concrete ground storage tanks and installing large (24-inch and larger) diameter water main as primary business focus and service, and such services have been successfully provided for at least five (5) continuous years.

Proposal Packet Preparation

- Request FTP Site for proposal upload
- Proposal page limits do apply; reference SIR for required forms that do not count
- Thoroughly review both the Instructions to Respondents and SIR
- Utilize the Proposal Response Checklist
 - 3 files required for electronic submittal
 - Follow file naming convention
- Utilize Evaluation Criteria Forms

Proposal Packet Preparation

- Entire proposal should create a clear picture of Project Team experience and capabilities (Org chart, similar relevant project references, and resumes for Key Personnel and Key Subcontractors)
- Thoroughly review scope and ensure project references and Key Personnel resumes clearly show similar and relevant experience
- Thoroughly review evaluation criteria and respond with all required information to maximize points
- Avoid “boilerplate” responses

Proposal Packet Preparation

- Verify contact information for all project references, if SAWWS is not able to contact reference points may be deducted or proposal deemed non-responsive
- Ensure required documents are submitted and signed (i.e., Respondent Questionnaire, CIQ, etc.)
- Price Proposal
 - Acknowledge Addendums on Proposal Signature Page
 - Verify all formula extensions and mob and prep of ROW

Evaluation Criteria

Criteria	Weight	Page No.
Team Qualifications and Experience	18%	SIR-3
Quality, Reputation, and Ability to Deliver Projects on Schedule and within Budget	20%	SIR-5
Project Approach, Schedule, and Availability	15%	SIR-8
Price	37%	SIR-9
Small, Minority, and Woman-owned Business Participation	10%	SIR-10
TOTAL	100%	

Team Qualifications and Experience (18 pts)

- Organizational Structure and Information on Prime Contractor
 - Provide current business organizational structure, type of business structure, and stability of organization
 - Provide total number of employees and annual company revenues as of December 31, 2020
 - Provide Debarment history for the company for the last ten (10) years
 - Provide any litigation, arbitration, and claims history for the last three (3) years and any litigation, arbitration, and claims history with SAWWS regardless of the year they occurred
 - Indicate the number of years performing contracting/construction work under current legal business name and/or previous legal business name(s)
 - Provide company financial information

Team Qualifications and Experience (18 pts)

- Proposed Team Structure and Key Personnel Roles and Responsibilities
 - Provide a 1-page organizational chart that describes the composition of the team for this project
 - Include proposed Key Personnel for the Prime Contractor and Key Subcontractor(s)
 - Include percent availability (as percentage of total individual's workload) for Key Personnel (Prime and Key Subcontractor(s)) and their proposed role for the duration of the Project
 - Provide a clear description of the proposed team identifying Key Subcontractor(s), their role on the project, and teaming history
 - If the Prime Contractor has not worked previously with proposed Key Subcontractor(s), describe the proposed approach for ensuring successful completion of the project in accordance with Contract Documents
 - Provide a clear description of the proposed team's Key Personnel roles and responsibilities, including Key Personnel from Key Subcontractor(s)

Team Qualifications and Experience

- Qualifications and Experience of Key Personnel Proposed for this Project
 - Resumes of Key Personnel on 8 ½” x 11”, one per person, not to exceed one (1) page as identified on the Org. Chart
 - Name, job title, education
 - Number of years of total professional experience
 - Number of years/months with current company
 - Number of years/months of experience in proposed role for this project
 - Description of professional qualifications (to include degrees, licenses, certifications, and associations)
 - Brief overview of professional experience
 - Detailed description of capabilities and experience relevant to this project
 - List of all other active projects the team member is assigned to for the duration of the Project, to include the phase and percentage of time allocated to each of the other projects. For each project included in each resume, please clearly identify whether the project is with current firm or part of the person’s past professional experience

Quality, Reputation and Ability to Deliver Projects (20 pts)

- Prime Contractor On-time Completion on Similar Projects in the Past 15 Years
 - List 3 completed projects within the last 10 years of similar size, scope, and complexity to the work described in the Contract Documents for this Project
 - Respondents should provide references with contact information to include a valid, recently verified email and telephone number for each project listed
 - Key Personnel must have participated in a minimum of 2 of the 3 projects listed. The proposed Project Manager must have participated in a minimum of 1 of the 3 projects listed. Proposed Project Superintendent must have participated in a minimum of 1 of the 3 projects listed. Proposed QC Manager must have participated in a minimum of 1 of the 3 projects listed. Key Personnel's role on project reference must have been the same as the role proposed for this Project
 - If Respondent has SAWS experience, at a minimum, 1 SAWS project of similar size, scope, and complexity must be included in the list of 3 projects provided

Quality, Reputation and Ability to Deliver Projects (20 pts)

- Prime Contractor On-time Completion on Similar Projects in the Past 15 Years
 - The Respondent shall also list all current and recently completed improvement, upgrades, rehabilitation, and new construction of potable water production facility projects performed in the last five (5) years for all Utility Owners in the State of Texas.
 - The Respondent shall provide a list of all projects currently under construction in which Key Personnel are involved, as identified in the organizational chart provided in the response for this RFCSP, and the expected completion date that demonstrates Respondent's ability to start and complete the work required by the project.

Quality, Reputation and Ability to Deliver Projects (20 pts)

- Key Subcontractor(s) Performance on Similar Projects in the Past 10 years
 - Provide list of 2 projects that identified Key Electrical Subcontractors' Project Manager and/or Project Superintendent participated in of similar size, scope, and complexity to the work described that have been completed in the State of Texas within the last 10 years
 - If Prime Contractor is planning to self-perform the Work in accordance with the Contract Documents and no Key Subcontractor(s) have been identified in the Response, Respondent shall provide a list of two (2) additional projects that were of similar scope to the Work that would have been performed by a Key Subcontractor and that have been completed in the State of Texas within the last ten (10) years
 - Prime Contractor's Key Personnel shall have participated in a minimum of one (1) of the two (2) projects listed. Describe the role served by the proposed staff on those projects

Project Approach, Schedule, and Availability (15 pts)

- Project Approach

- Narrative of Project Approach to complete project, including key milestones, specific critical processes and critical path items, phases and/or sequencing, permits, etc.
 - Identify potential risks and describe proposed mitigation measures to ensure on-time completion of the Project
- Explain approach for contact and coordination with key project
- Describe approach specifically addressing the procurement of 2 MG pre-stressed concrete ground storage tank, large (24-inch and larger) diameter pipe and valves, electrical components and other long-lead time equipment and devices.
- Provide innovative ideas for cost savings (due to a sequencing, method, or duration)
- Quality Management Plan including steps, safeguards, subcontractor oversight, QA/QC, etc.

Project Approach, Schedule, and Availability (15 pts)

- Project Schedule and Unforeseen Conditions
 - Critical path method (CPM) schedule Primavera or Microsoft project - Assume NTP of **January 4, 2022**
 - Explain how Respondent will complete the project within schedule taking into consideration existing commitments
 - Identify long-lead time items and critical path shop drawing submittals
 - Provide a description of the approach specifically addressing the procurement of the following items: 2 MG pre-stressed concrete ground storage tank, large (24-inch and larger) diameter pipe and valves, electrical components and other long-lead time equipment and devices.
 - List and describe prior instances of unforeseen conditions
 - Approach for mitigating and managing unforeseen conditions on this project

Project Approach, Schedule, and Availability (15 pts)

- SAWWS, in reviewing Respondents' proposals, is looking for Respondents that can meet all necessary milestones and complete the work within the Contract time given for completion. A Respondent's inability to meet milestones and complete the Work in the time provided may result in the Respondent's score for this criteria being reduced and/or Respondent's proposal deemed non-responsive.
- Availability of Key Personnel and Equipment
 - Describe availability of Key Personnel for Prime Contractor and Key Subcontractor(s) for the duration of the project
 - Describe availability of equipment and facilities for this project
 - List available workforce for various disciplines required including the number of work crews, and number of personnel for each skill classification (per Org. Chart)

Safety Information for Prime and Key Sub(s)

- Records showing Total Recordable Incident Rate (TRIR) past 5 years for the Prime Contractor and Key Subcontractor(s)
- Provide records showing the company's Experience Modification Rate (EMR) past 3 years for the Prime Contractor and Key Subcontractor(s)
- List fatalities in company's safety history for Prime Contractor and Key Subcontractor(s)

Price (37 pts)

- Lowest total price will receive 37 points
- Remaining proposals will receive points based on comparison to the lowest price proposal

Proposal	Price	Calculation	Points Earned
A	\$36,250,100	$(36,250,100/36,250,100) \times 37$	37.00
B	\$54,295,855	$(36,250,100/54,295,855) \times 37$	24.70
C	\$41,890,450	$(36,250,100/41,890,450) \times 37$	32.02
D	\$46,790,900	$(36,250,100/46,790,900) \times 37$	28.66
E	\$49,265,750	$(36,250,100/49,265,750) \times 37$	27.22

Additional Reminders

- Register with Vendor Registration Program on the SAWS website at www.saws.org to ensure access to the latest information
- To receive updates on specific projects, registered vendors should subscribe to the project by selecting the project, and clicking ‘Subscribe’ under the Notify Me box



Notify Me

Receive updates sent straight to your
inbox.

Subscribe

Communication Reminders

- There shall not be any communication with the following during the Proposal period:
 - ✓ Design Engineer
 - ✓ SAWS Project Manager or Project Engineer
 - ✓ Any other SAWS staff
 - ✓ City Council member or staff
 - ✓ SAWS Board of Trustees
- This includes phone calls, emails, letters, or any direct or indirect discussion of the Proposal

Key Dates

- September 16, 2021 by 4:00 PM Questions Due
- September 23, 2021 by 4:00 PM Addendum Posted to SAWS Website
- October 8, 2021 by 1:00 PM Deadline to request FTP Site
- October 11, 2021 by 1:00 PM Proposals Due
- October 2021 Proposals Evaluated
- November 2021 Selected Contractor Notified
- December 2021 SAWS Board Approval and Award
- January 2022 NTP Issued

Submission Due Date

- Proposals due no later than **1:00 PM CT – October 11, 2021**
- **Electronic Proposals Only**
- Follow specific electronic proposal delivery instructions:
 - Request the FTP Site for Upload no later than October 8, 2021 at 1:00 PM
 - Follow naming convention provided in the Respondent Proposal Checklist for all 3 files
 - Late responses will not be accepted and will not be opened
 - A WebEx proposal opening meeting will be held on October 11, 2021 at 1:00 PM
- SAWWS continues to monitor and adhere to the current COVID-19 guidelines and may modify the proposal submission instructions

Questions

- Submitted no later than September 16, 2021 at 4:00 PM (CST)
- Identify solicitation number
- Must be submitted in writing:

Stella Manzello

Contract Administrator

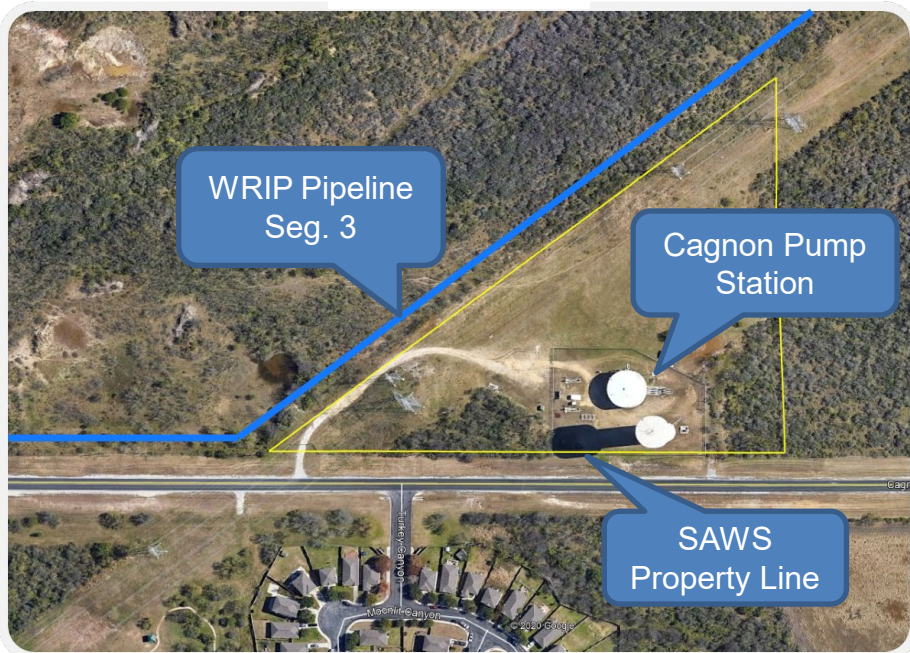
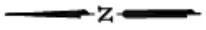
Contract Administration Department

San Antonio Water System

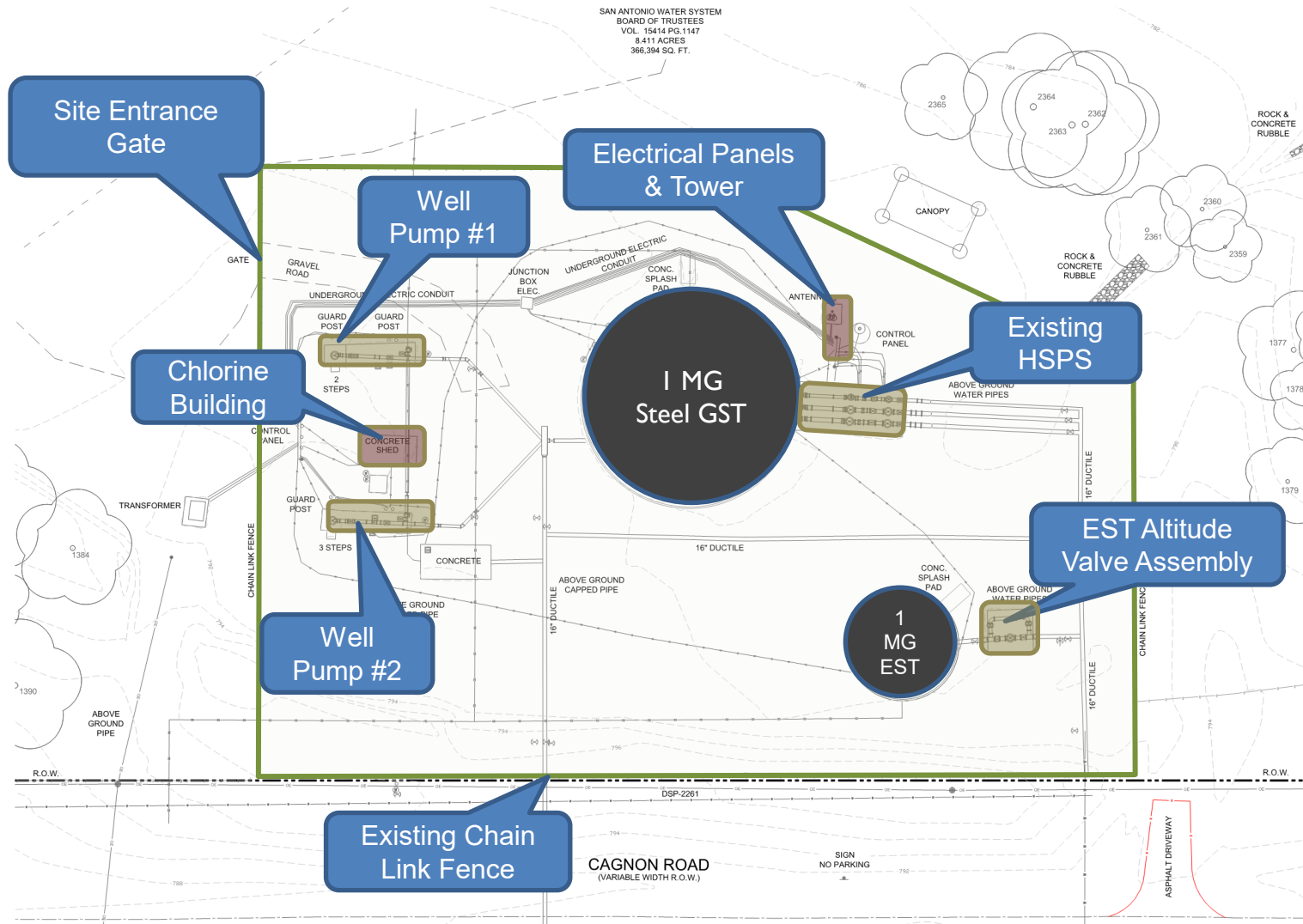
Stella.Manzello@saws.org

Cagnon PS Existing Site Plan (enlarged)

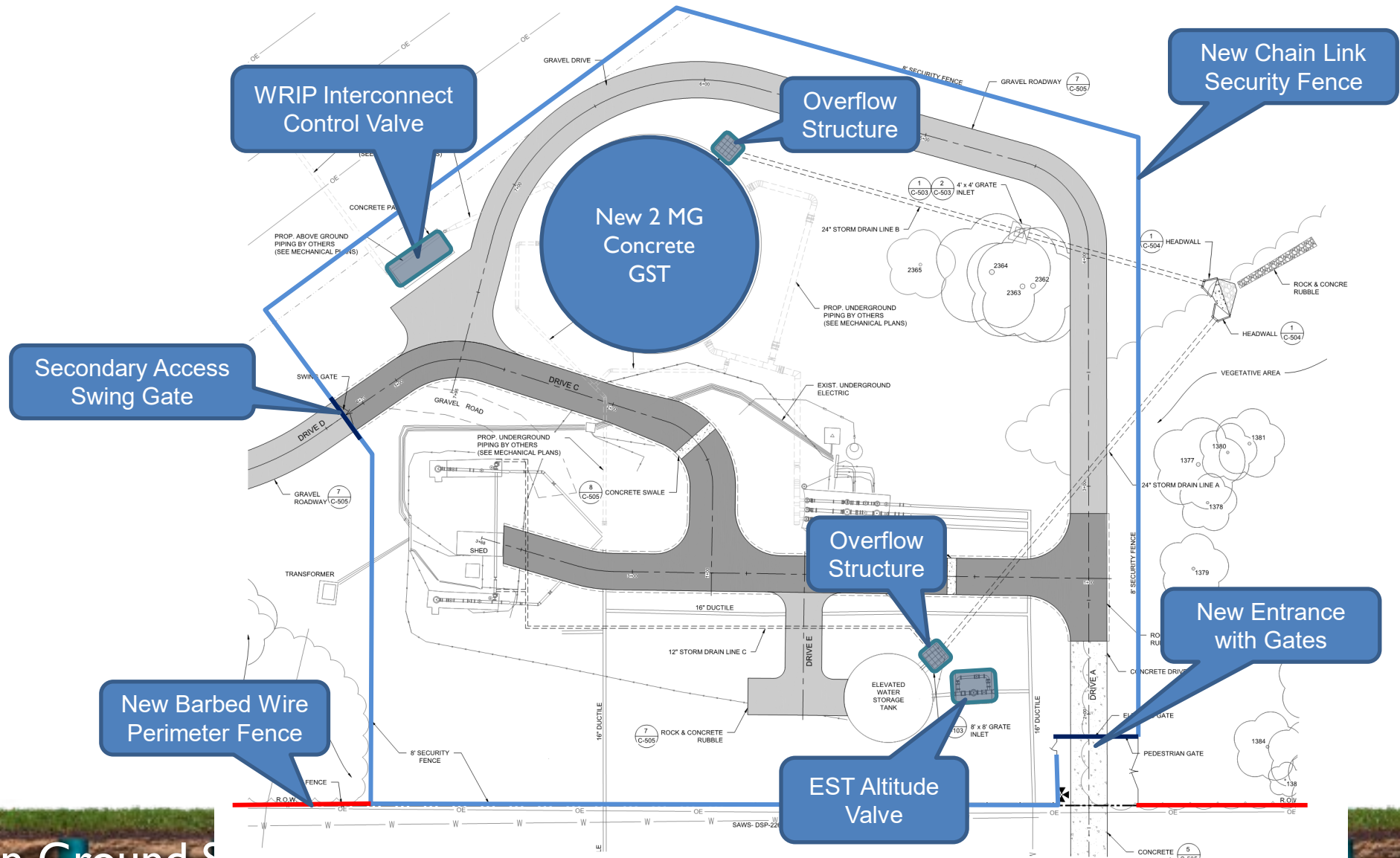
SAN ANTONIO WATER SYSTEM
BOARD OF TRUSTEES
VOL. 15414 PG.1147
8.411 ACRES
386,394 SQ. FT.



5940 Cagnon Road,
San Antonio, TX 78252



Cagnon PS Improvements Site Plan



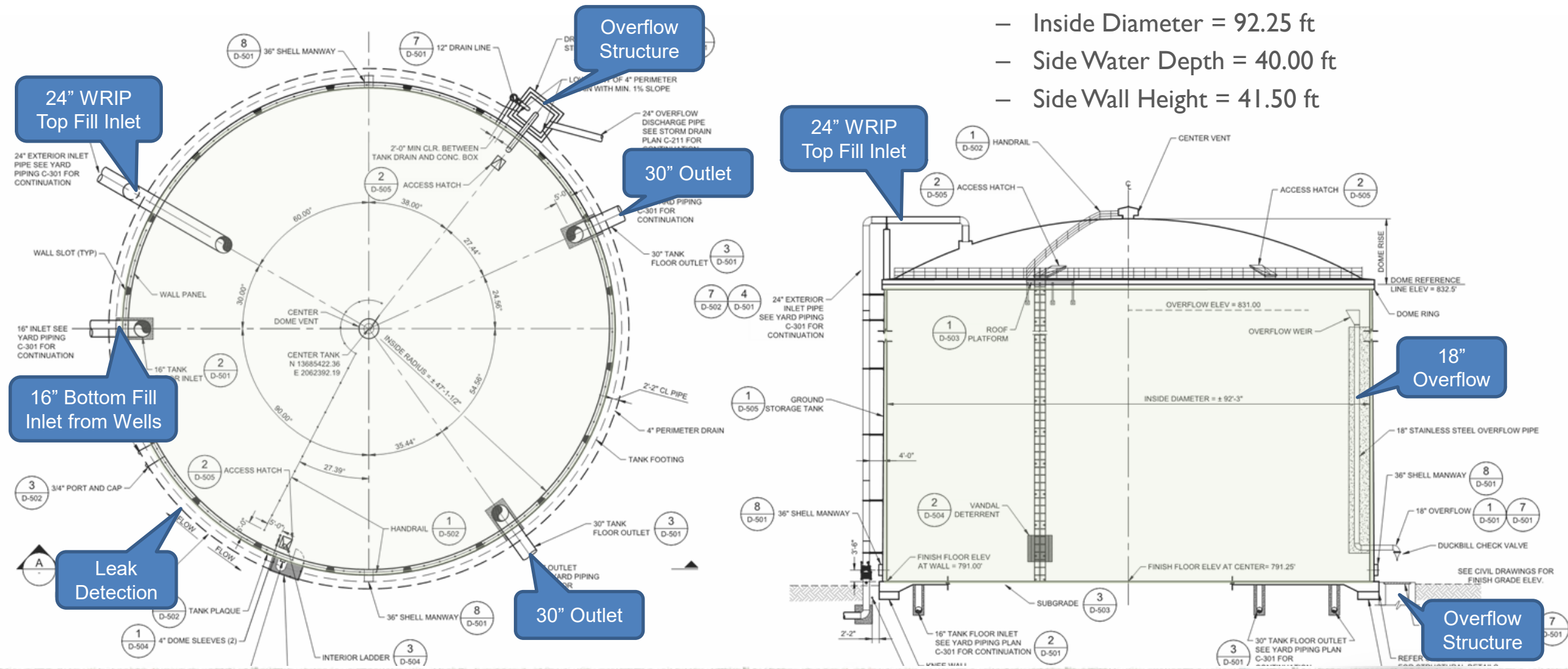
Cagnon EST Overcoating



Existing 1.0 MG EST

Cagnon New 2.0 MG GST

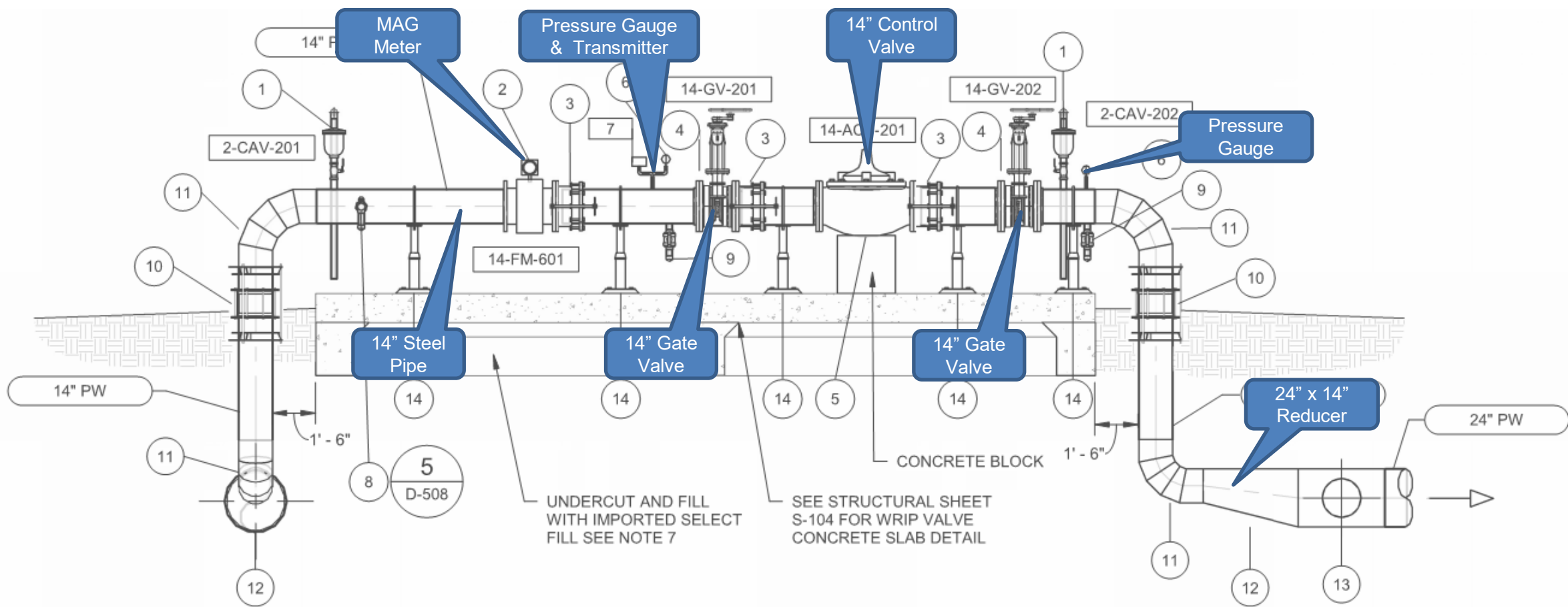
- Inside Diameter = 92.25 ft
- Side Water Depth = 40.00 ft
- Side Wall Height = 41.50 ft



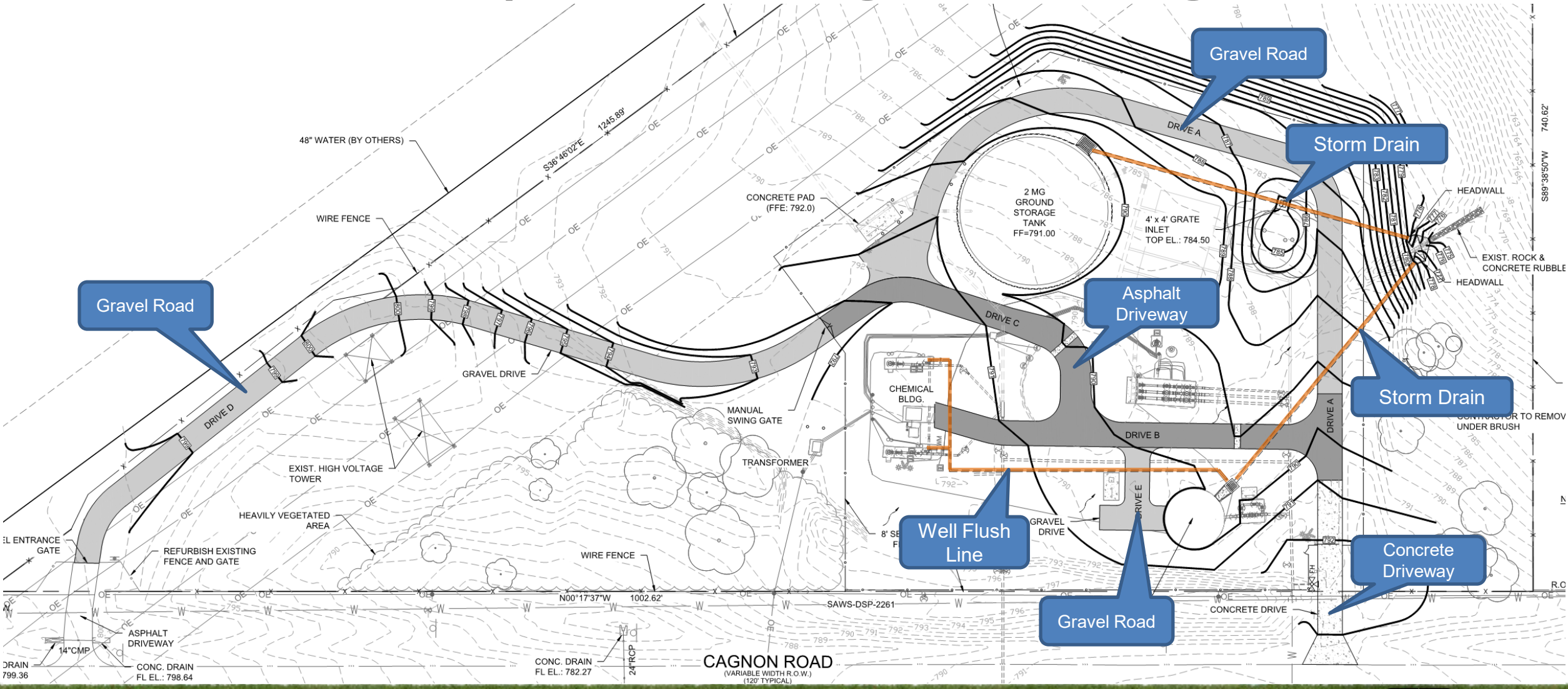
Cagnon Ground Storage Tank Replacement Project



WRIP Interconnect Control Valve Assembly



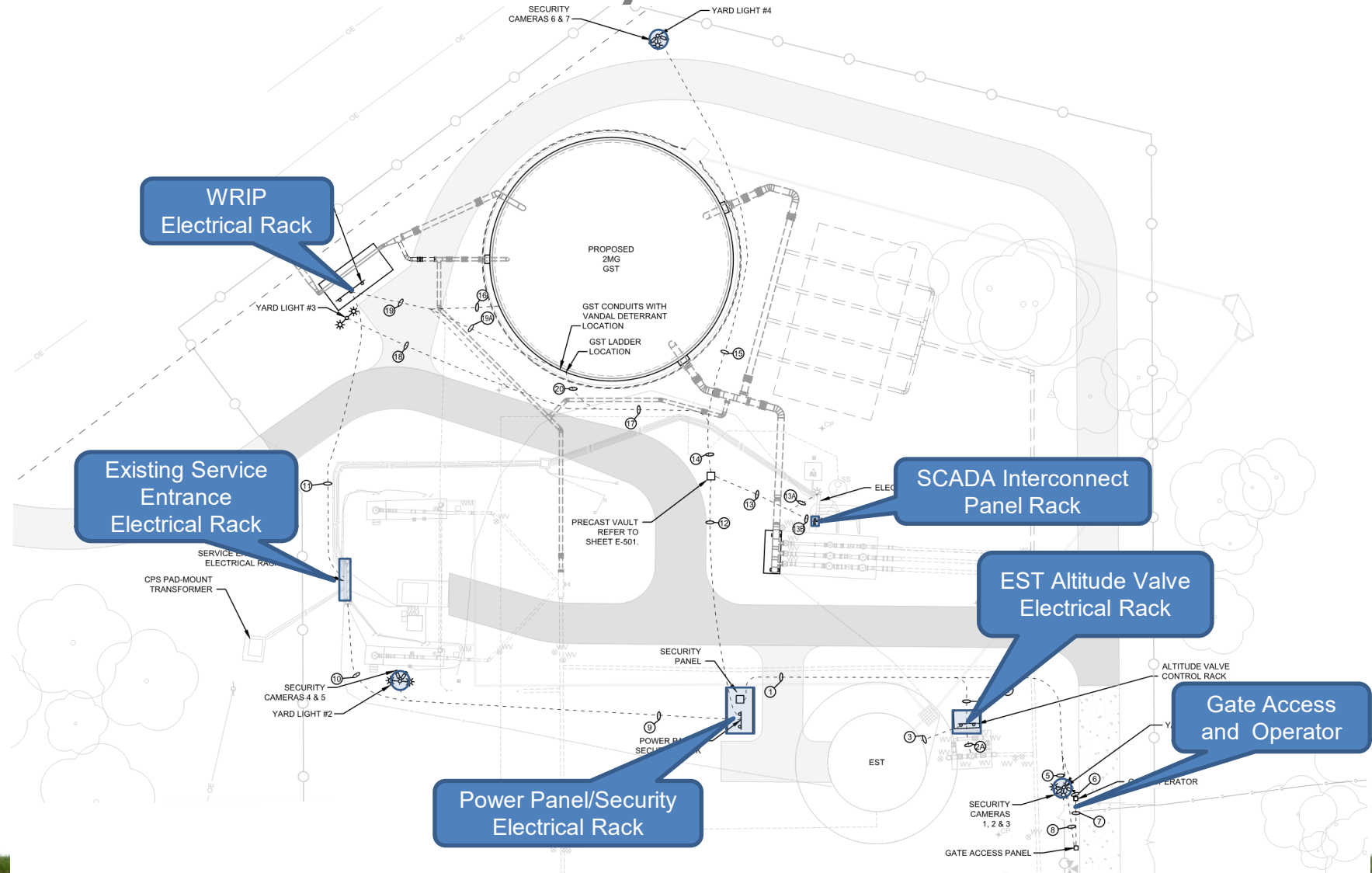
Access Driveway, Site Drainage & Grading



Cagnon Ground Storage Tank Replacement Project



Electrical and Security Site Plan



Cagnon Ground Storage Tank Replacement Project



Project Requirements

- Special Conditions
 - SC-14 Permits
 - SAWS initiated permit applications to expedite process.
 - Contractor's responsibility for following up and obtaining all necessary permits.
 - SC-15 Overcoating Elevated Storage Tank
 - Contractor to proceed with overcoating first after mobilization.
 - SC-16 New Ground Storage Tank Construction Deadline
 - Contractor to complete and have the new GST and all associated piping and appurtenances fully operation by end of Feb 2023.
- Coordination
 - Contractor's responsibility to coordinate their activities with SAWS and WRIP Segment 3 Pipeline contractor with current contractual end date is July 2022.

QUESTIONS?

*Reminder: Oral **statements or discussion** during the pre-bid meeting today **will not be binding**, nor will it change or affect the terms or conditions within the Plans and Specifications of this Project. Changes, if any, will be addressed in writing only via an Addendum.*

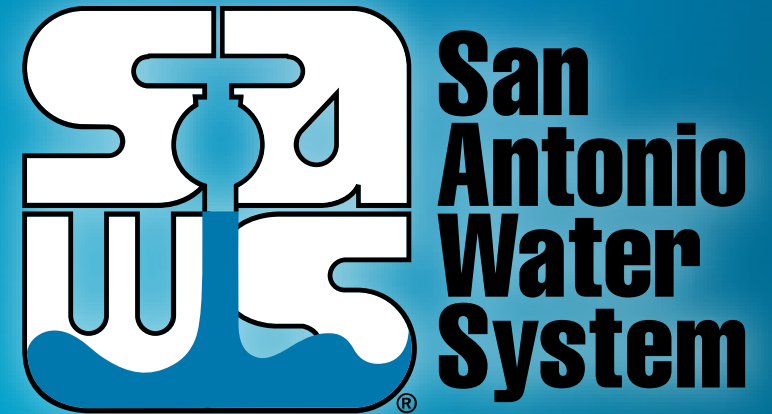
Cagnon Ground Storage Tank Replacement Project

Vicente Garza, P.E., PMP
Engineering Manager, SAWS

Stella Manzello
Contract Administrator, SAWS

Marisol V. Robles
SMWVB Program Manager, SAWS

Jaime Kypuros, P.E.
Sr. Project Manager, Tetra Tech



Non-Mandatory Pre-Proposal Meeting
September 13, 2021 at 2:00 PM

MAKING SAN ANTONIO
WATERFUL 