

Central Water Integration Pipeline Maltsberger Pump Station Improvements

Jaime Kypuros, P.E.

Task Lead – Pump Stations

John Brummer, P.E.

Project Lead – Maltsberger Pump Station Improvements

Tim Gobrogge, P.E.

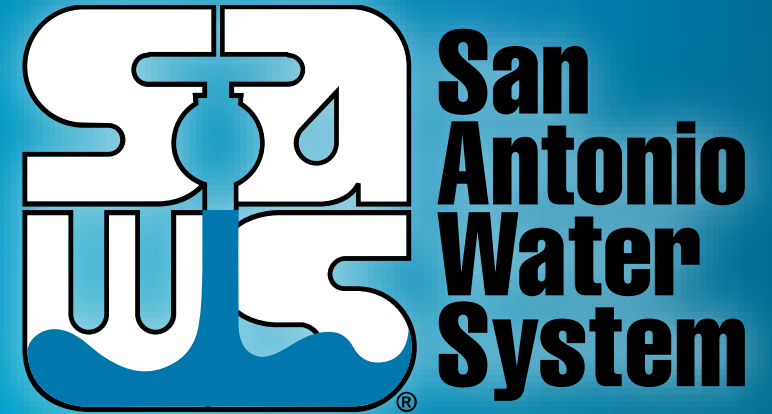
Task Lead – Electrical

Jessica Goforth

Contract Administrator

Susan Rodriguez

SMWVB Program Specialist



Non-Mandatory Pre-Bid Meeting

August 22, 2018 at 9:00AM

MAKING SAN ANTONIO
WATERFUL



Oral Statements

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

Agenda

- Contract Requirements and Required Experience
- Evaluation Process and Evaluation Criteria
- Small, Minority, Women and Veteran-Owned Business (SMWVVB) Requirements
- Proposal Packet Preparation and Reminders
- Key Dates
- Project Information
- Questions

Contract Requirements

- Certified payroll required
- Contractors to utilize LCP Tracker software to submit each week
- Applicable wage decisions are in the specs
 - Building Wage Decision replaced via Addendum with updated version
- SAWWS will conduct random and unannounced site visits
- Contractors responsible for sub-contractor payroll
- Late payrolls can delay contractor payments

Contract Requirements *(cont.)*

- Insurance requirements are found in 5.7 of the GCs
 - Rigger's Liability required
 - Respondent's insurance should be compliant for current SAWS Projects
 - Selected contractor will submit certificate of insurance prior to Board award
 - Maintain insurance coverage during the construction of this Project
- Construction submittals and invoicing will be handled through CPMS
- Geotechnical reports (for Maltsberger Pump Station and CWIP Pressure Relief Valve Sites) available after completing disclaimer forms

Required Experience

- Construction of a new electrical building
- Electrical rehabilitation of an over 50 MGD pump station
- Large diameter yard piping
- Civil/site improvements
- Complex sequencing with another project at the same site
- On-time completion of time sensitive projects
- Coordination with city/county/state agencies influencing the schedule

Required Experience

- Furnishing and installing a CMU block building, medium voltage wiring, motor control centers, switchgear, SCADA equipment, radio towers, electrical duct banks, transformers, mechanical piping, lighting, HVAC equipment, pressure reducing valves and vaults, tying into existing large diameter drinking water pipelines with minimal service disruption

RFCSP Evaluation Process

- Technical Evaluation Committee (TEC) will score the proposals based on the evaluation criteria published in the Supplementary Instructions to Respondents to determine the Respondent who can provide the best value to SAWWS
- Price will be calculated and added to final scores
- SMWVB will be added to final scores
- Selection Evaluation Committee reviews final scores
- Negotiations, if any
- Board Award

Evaluation Criteria

CRITERIA	MAX POINTS	SIR PAGES
Team Qualifications and Similar Prior Experience	30	SIR-2 to SIR-4
Project Approach and Schedule	30	SIR-4 to SIR-5
Price	30	SIR-5
Small, Minority, and Woman-Owned Business Participation (SMWB)	10	SIR-5 to SIR-9 and GFEP
TOTAL	100	

Evaluation Criteria Form

1. Team Qualifications and Similar Prior Experience
a. Project Team Structure and Key Personnel

i. Current business organizational structure, type of business structure, and stability of organization			
Organization Doing Business As			
Business Address of Principle Office			
Main Office Telephone Number			
Web Site Address			
Business Address of Regional Office (if different from Principle Office)			
Regional Office Telephone Number			
Business Structure (Check One)	<input type="checkbox"/> A Corporation	<input type="checkbox"/> A Partnership or JV	<input type="checkbox"/> An Individual
If a Corporation			
Date of Incorporation			
State of Incorporation			
Chief Executive Officer's Name			
President's Name			
If a Partnership			
Date of Organization			
State whether partnership is general or limited			
If a Joint Venture			
Date of Joint Venture			
Names of Entities in Joint Venture			
If an Individual			
Name			
Business Address			
Stability of Organization			
Average number of current full time employees:		Annual revenue for previous year:	
ii. Number of years performing contracting / construction work:			
Under current business name:		Under previous business name(s):	
iii. Provide a brief description of the managerial structure for this project and illustrate with an			

Evaluation Criteria

Team Qualifications and Similar Prior Experience (30 points)

- Use Form provided in SIR to respond
- Replicate form for each reference project
- Provide Organizational Chart
- Resumes, no more than 1-page per Key Personnel (Project Manager, Project Superintendent, and Foreman)
- Key subcontractors are defined as subcontractors that are responsible for executing a significant portion of the work
 - Concrete Masonry Unit (CMU) block building construction, medium and low voltage electrical switchgear, concrete electrical duct bank and control work for water pump stations, Supervisory Control and Data Acquisition (SCADA) integration, and large diameter piping and valve assemblies
- Safety Records to include Total Recordable Incident and Experience Modification Rates

Evaluation Criteria

Project Approach and Schedule (30 points)

- Project Approach and Quality Control
 - Respondent narrative (not included in Evaluation Criteria form)
 - How Project will be completed and specific descriptions to include:
 - Procurement of medium voltage switchgear, sleeve and control valves, and steel pipe
 - How key stakeholders will be contacted and coordinated with throughout the project
 - Quality Management Plan
- Delivery Schedule
 - Narrative format
 - Provide details for the medium voltage switchgear, sleeve and control valves, pressure reducing valves, and steel pipe procurement and delivery
 - Primavera or Microsoft project (CPM milestone) schedule
 - Assume Notice to Proceed date of October 9, 2018

* Refer to SIR for full detail of Evaluation Criteria requirements

Required Documents Matrix

Documents	Required Document(s) Does Count Towards Page Limit	Required Document(s) Does Not Count Towards Page Limit	Include in Envelope 1	Include on CD or USB	Include in Envelope (or Box) 2 – Original Proposal	Include in Copies of Proposal - 7
Signed Price Proposal/Acknowledgement of Addendums ¹		X	X			
Signed Proposal Certification		X	X			
Bid Bond/Cashier's Check		X	X			
Proposal Checklist ¹		X		X	X	X
CD or USB of Original Proposal Packet (excluding the Price Proposal and Financial Statement)		X		X	X	
Statement on President's Executive Orders		X		X	X	
Good Faith Effort Plan		X		X	X	
Conflict of Interest Questionnaire		X		X	X	
W-9		X		X	X	
Proof of Insurability		X		X	X	
Respondent Questionnaire		X		X	X	X
Supplementary Instructions to Respondents Evaluation Criteria forms ¹	X			X	X	X
Organizational Chart	X			X	X	X
Resumes for Key Personnel, Key Subcontractors, and Alternates		X		X	X	X
Total Recordable Incident Rate Records		X		X	X	X
Experience Modification Rate Records		X		X	X	X
Other Safety Documents/Information		X		X	X	X
Narrative for Project Approach, Schedule, and Resource Availability, including summary of Quality Management Plan	X			X	X	X
Quality Management Plan		X		X	X	X
Project Schedule	X			X	X	X

¹ Respondent shall check the SAWS website to verify the number of Addendums and ensure the correct version of the forms are being utilized prior to submitting their proposal.

SMWB Goal

Industry	SMWB Goal
Construction	20%

Accepted SMWVB Certification Agency

- **South Central Texas Regional Certification Agency**

(Includes the Texas Historically Underutilized Business “HUB” Program)

Minimum Qualifications for SMWVB recognition:

- SBE-Certified (even MBEs and WBEs)
- **Local office or local equipment yard**

Accepted SMWVB Certifications

- Minority Business Enterprise (MBE) (Includes AABE, ABE, HABE and NABE)
- Small Business Enterprise (SBE)
- Woman-owned Business Enterprise (WBE)
- Veteran-owned Business Enterprise (Tracked, but not eligible for points)

SMWB Scoring

Proposed SAWS Construction Alternative Delivery Method SMWB Scoring:

The maximum number of SMWB points to be earned is 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 counted for SMWB points. All prime contractors firms, whether SMWB or not, are eligible to earn the maximum number of SMWB points (10).

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 consultants 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 subconsultants?**

A: Please email the SMWVB Program Manager with the scopes of work you are seeking. You will receive lists of local SMWVB-certified firms to contact.

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

A: If your firm is SMWVB-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: What if I have questions about the GFEP?**

A: Please contact the SMWVB Program Specialist at 210-233-2950, or at susan.rodriquez@saws.org. GFEP questions can be asked at any time before the submittal is due.

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



San Antonio Water System: SMWB at SAWS - Windows Internet Explorer

https://saws.smwbe.com/Default.asp?

File Edit View Favorites Tools Help

Who We Are Our Water Conservation Service Infrastructure Education Environment Jobs Business Center

What makes an idea Refreshing? Find out at RefreshingIdeas.com

HOME BUSINESS CENTER SAWS CONTRACT COMPLIANCE SYSTEM

IN THIS SECTION:

Main

SAWS SMWB Contract Compliance System

System Access Login

Username:

Password:

Remember username

Login

[Home](#)

- [Contact Us & Support](#)
- [Forgot Password](#)
- [Account Lookup](#)
- [Help/First Time Visitors](#)

San Antonio Water System is pleased to offer our Contract Compliance System tracking SMWBE participation!

The Contract Compliance System is designed to streamline and automate your reporting requirements. The system is accessible to all firms doing business with SAWS and includes the following key features:

- Automated communication with contractors via email regarding compliance issues
- Submission of contractors' utilization reports online with automated tracking of contract goals and participation
- Automatic verification of subcontractor payments
- Immediate feedback on accuracy of certified payrolls
- Elimination of paper-based reporting and lengthy payroll validation delays


Central Water Integration Pipeline - Maltzberger Pump Station Improvements

Subcontractor Change Request

Any changes in subcontractors or suppliers requires prior approval from SAWS:

http://www.saws.org/business_center/contractsol/forms.cfm or

http://www.saws.org/business_center/contractsol/forms/SMWBChangeForm.pdf



Name of Contractor: _____
 Project Name & Number: _____

Submits the following approval request of the following addition(s) and/or deletion(s) on the Affirmed List of Subcontractors, as originally submitted as part of the BID/PROPOSAL/CONTRACT.

CHANGES

ADD	DELETE	NAME OF SUBCONTRACTOR	SBE, MBE, VBE, WBE	DESCRIPTION OF WORK TO BE PERFORMED	PERCENT & DOLLAR AMOUNT OF CONTRACT
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				

JUSTIFICATION

AFFIRMATION

THE ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF, I FUTHER UNDERSTAND AND AGREE THAT THIS DOCUMENT SHALL BE ATTACHED THERETO AND BECOME A BINDING PART OF THE CONTRACT.

Name & Title of Authorized Requestor: _____
 Signature of Authorized Requestor: _____ Date: _____

SMWVB PROGRAM MANAGER: _____	DATE APPROVED: _____
CONTRACTING DIRECTOR: _____	DATE APPROVED: _____

Office Use Only: _____ S.P.U.R. System _____ CPMS _____ Project Hand File _____

Proposal Packet Preparation

- Utilize the Respondent's Proposal Checklist
- Original proposal (1) and CD or thumb drive, along with required information differs from copies (7)
- Review plans and specs
- Respondent's projects and key personnel resumes should clearly show similar experience
- Verify contact information for all project references, if SAWS is not able to contact reference, points may be deducted or proposal deemed non-responsive

Proposal Packet Preparation *(cont.)*

- Ensure required documents are submitted and signed, (i.e. Respondent Questionnaire, CIQ, etc.)
- Entire proposal should create a clear picture of Project Team experience and capabilities (Org chart, projects, and resumes for Key Personnel from Primes and Subs)
- Double check extensions for both proposals
 - Acknowledge Addendums on Price Proposal
- Responses are limited to 50 pages
 - Dividers tabs and required forms do not count towards limit except for the forms provided as part of the SIR
 - See Required Documents Matrix for assistance

Reminders

- Ask clarification questions re: project, RFCSP and evaluation criteria ahead of the deadline to ensure they are captured in an Addendum
- Register through the SAWWS website to ensure access to the most current information (addendums, supplemental information, etc.)
 - Check website once more before submitting proposal
- Addendum coming out updating the Wage Decisions and include the Respondent Questionnaire

Reminders

- There should not be any communication with the following:
 - ✓ Design Engineer (Tetra Tech)
 - ✓ SAWS Project Manager or Project Engineer
 - ✓ Any other SAWS staff (besides SMWVB related questions to SMWVB Program Specialist)
 - ✓ City Council member or staff
 - ✓ SAWS Board of Trustees
- This includes phone calls, emails, letters, or any direct or indirect discussion of the RFCSP
- Release of RFCSP - Board Award
- If under contract with SAWS for another project, indicate this to SAWS staff that your company intends to submit for this RFCSP and do not discuss

Key Dates

- After this meeting
 - August 23, 2018 by 10:00 AM
 - August 30, 2018 by 10:00 AM
 - September 7, 2018 by 10:00 AM
 - September 2018
 - September 2018
 - October 2, 2018
 - October 9, 2018
- Non-mandatory site visit**
Located at Maltsberger Pump Station (8910 Jones Maltsberger Road)
Questions Due
Addendum Posted to SAWS Website
Proposals Due
Proposals Evaluated
Selected Contractor Notified
SAWS Board Approval and Award
Anticipated Start Date/NTP Issued

Submission Due Date

- Proposals due no later than:
 - **10:00 AM CDT Friday, September 7, 2018**
- Follow specific delivery instructions:
 - Deliver to 2800 U.S. Highway 281 North, Suite 171, Customer Service Building, Counter Services (across from the guard station)
 - Make arrangements early, if mailing a response to this RFCSP
 - Late responses will not be accepted and will be returned unopened

SMWVB Questions

Questions related to SMWVB may be directed to SAWS' SMWVB Program Specialist until the RFCSP deadline. Her contact information is as follows:

Susan Rodriguez

Contract Administration Department

San Antonio Water System

Email Address: Susan.Rodriguez@saws.org

Telephone No.: 210-233-2950

Project Questions

- Should be submitted no later than August 23, 2018 at 10:00 AM CDT
- Must be submitted in writing:

Jessica Goforth

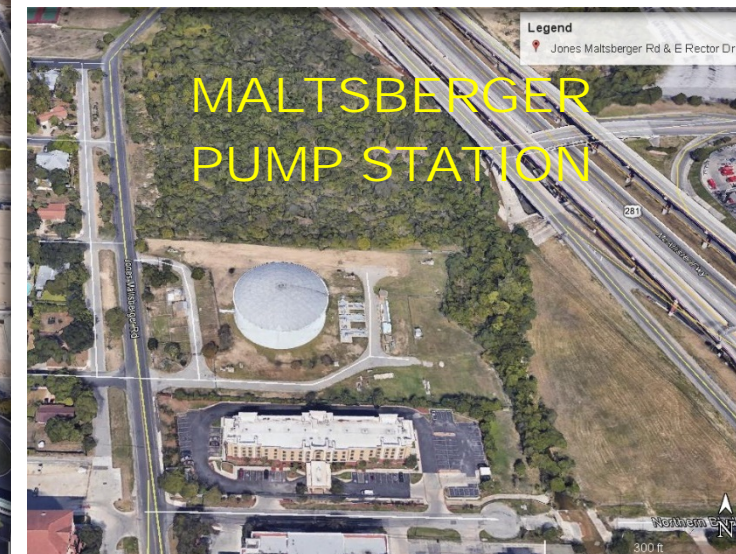
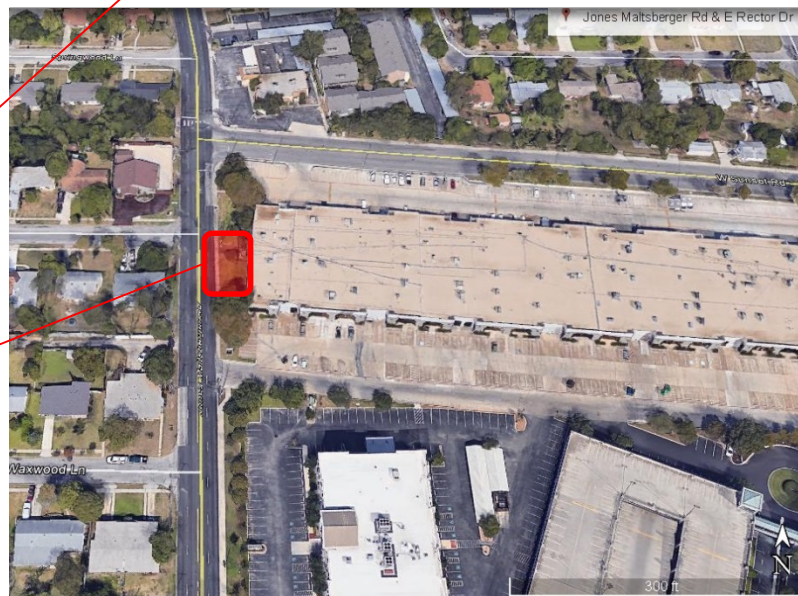
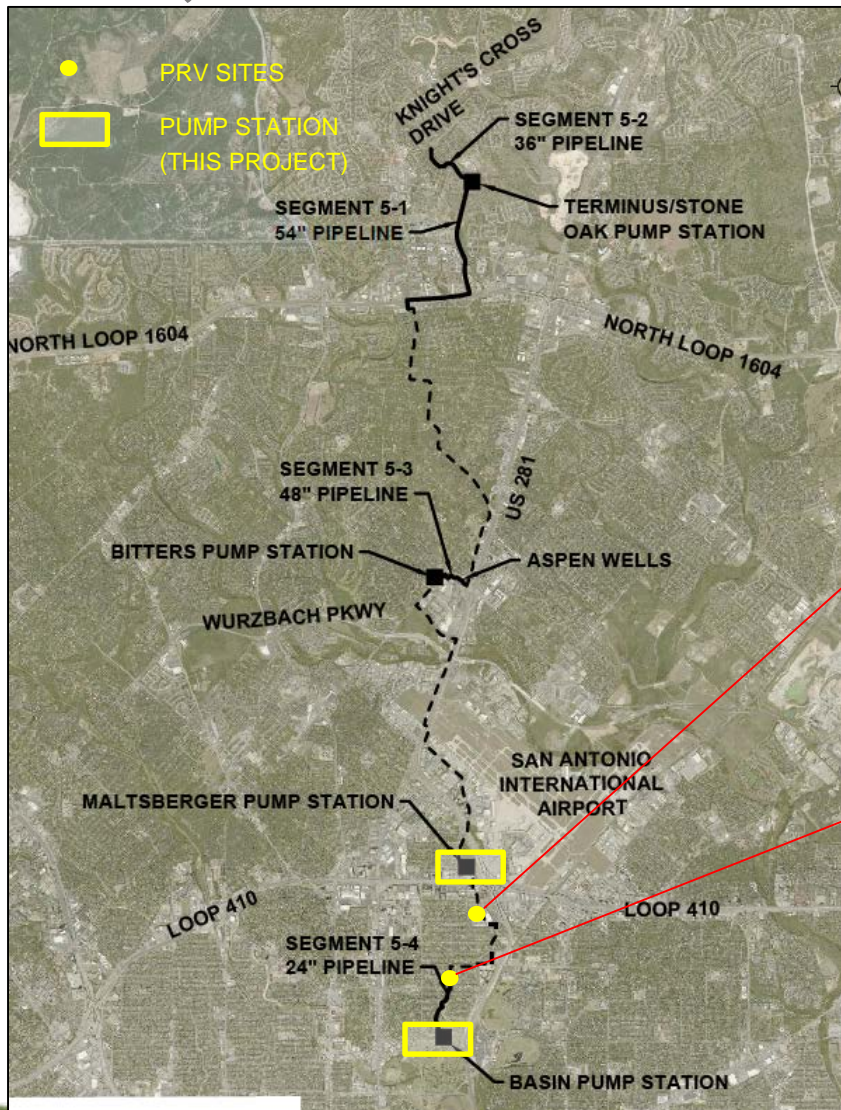
Contract Administrator

Contract Administration Department

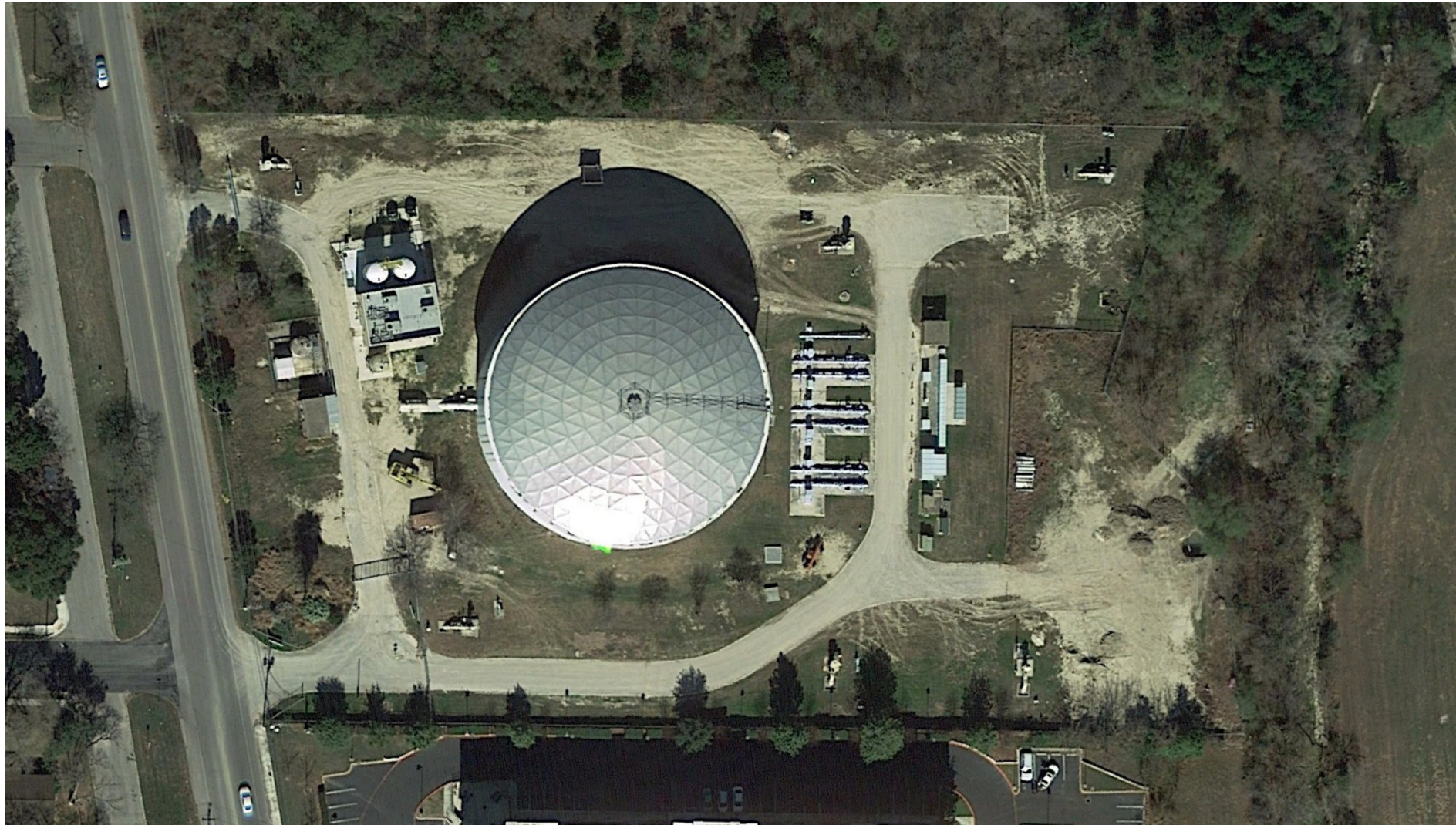
San Antonio Water System

Jessica.Goforth@saws.org

Project Locations

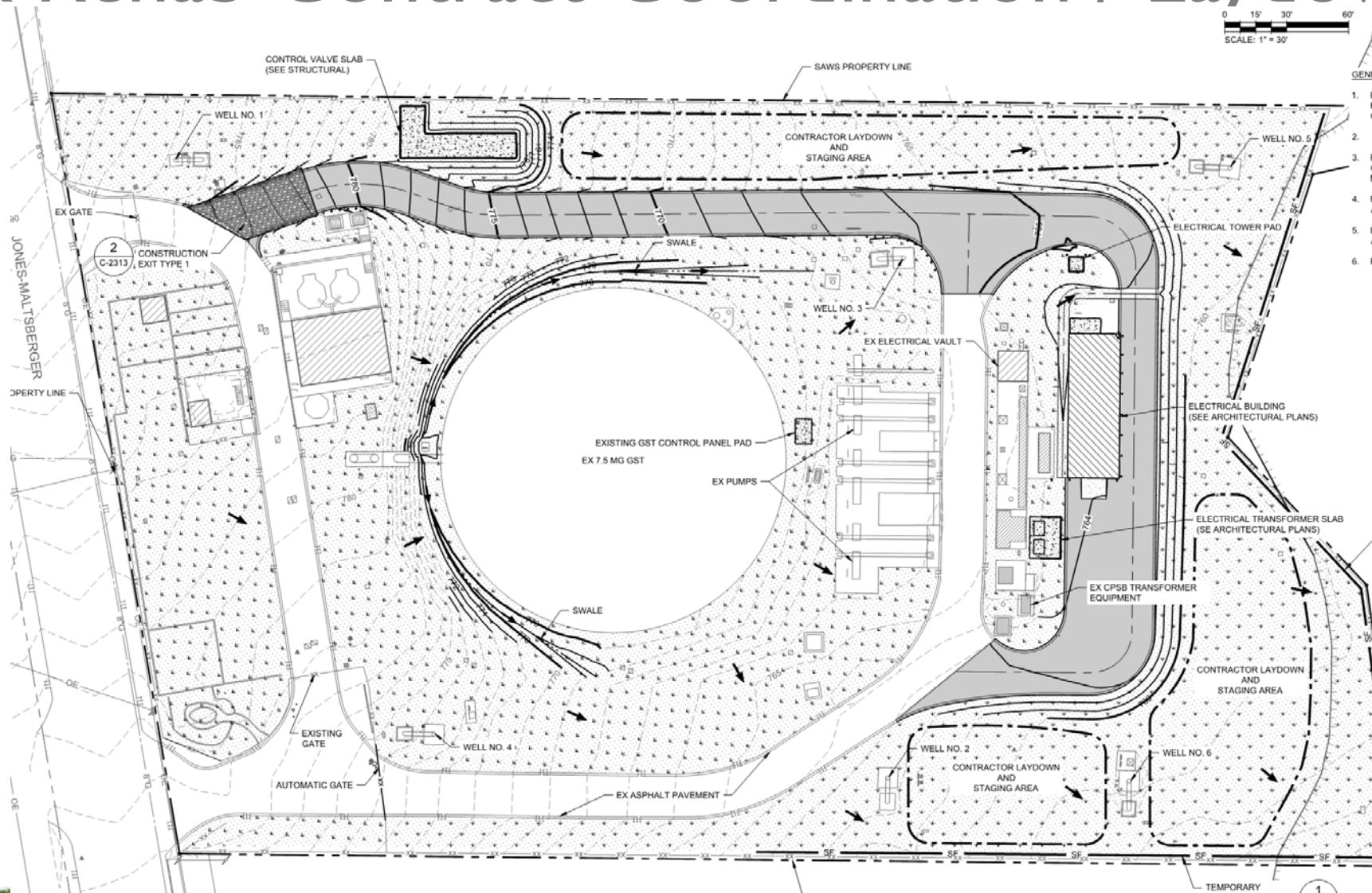


Project Background - Existing Maltsberger Pump Station



Central Water Integration Pipeline - Maltsberger Pump Station Improvements

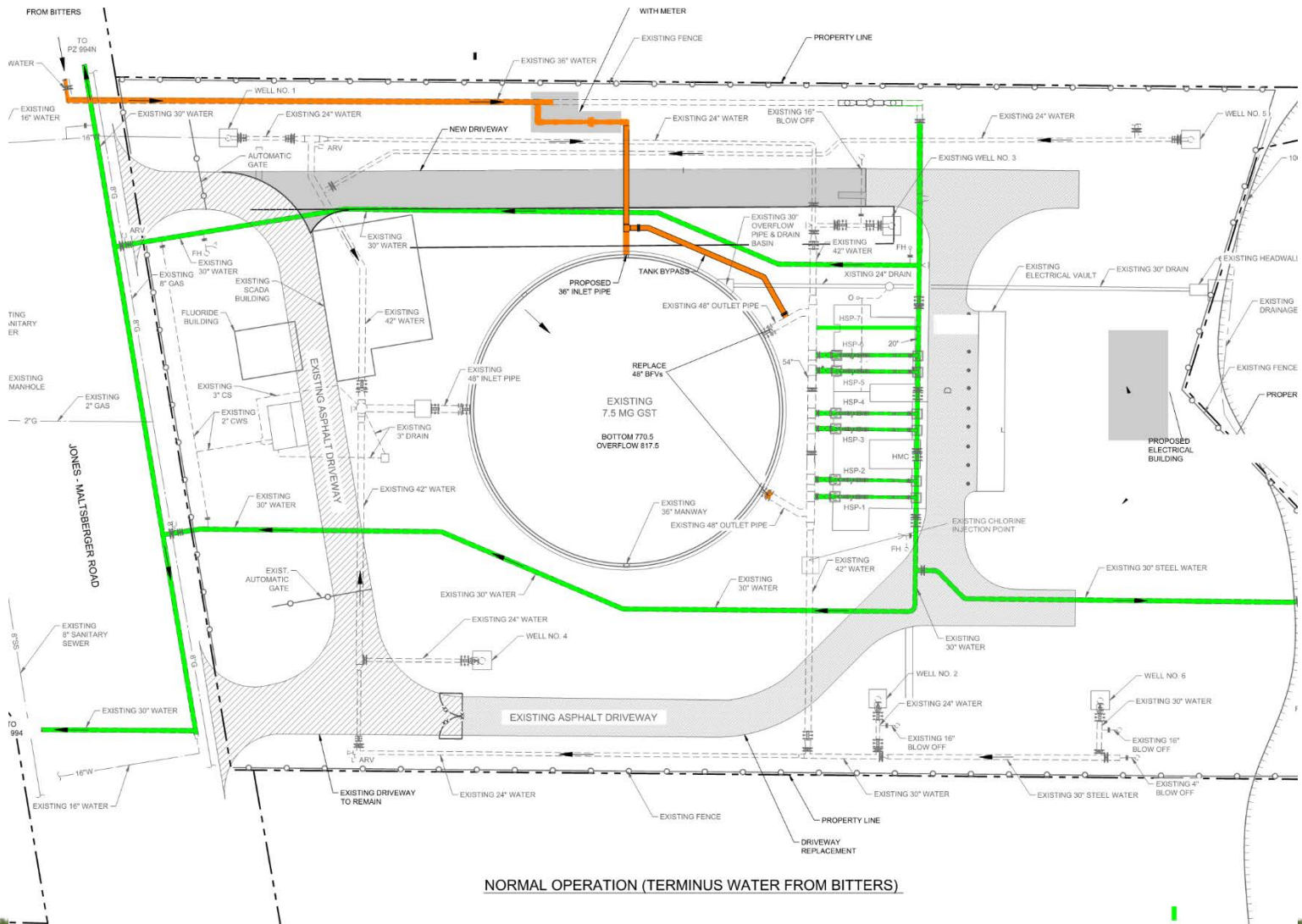
Tank Rehab Contract Coordination / Laydown Areas



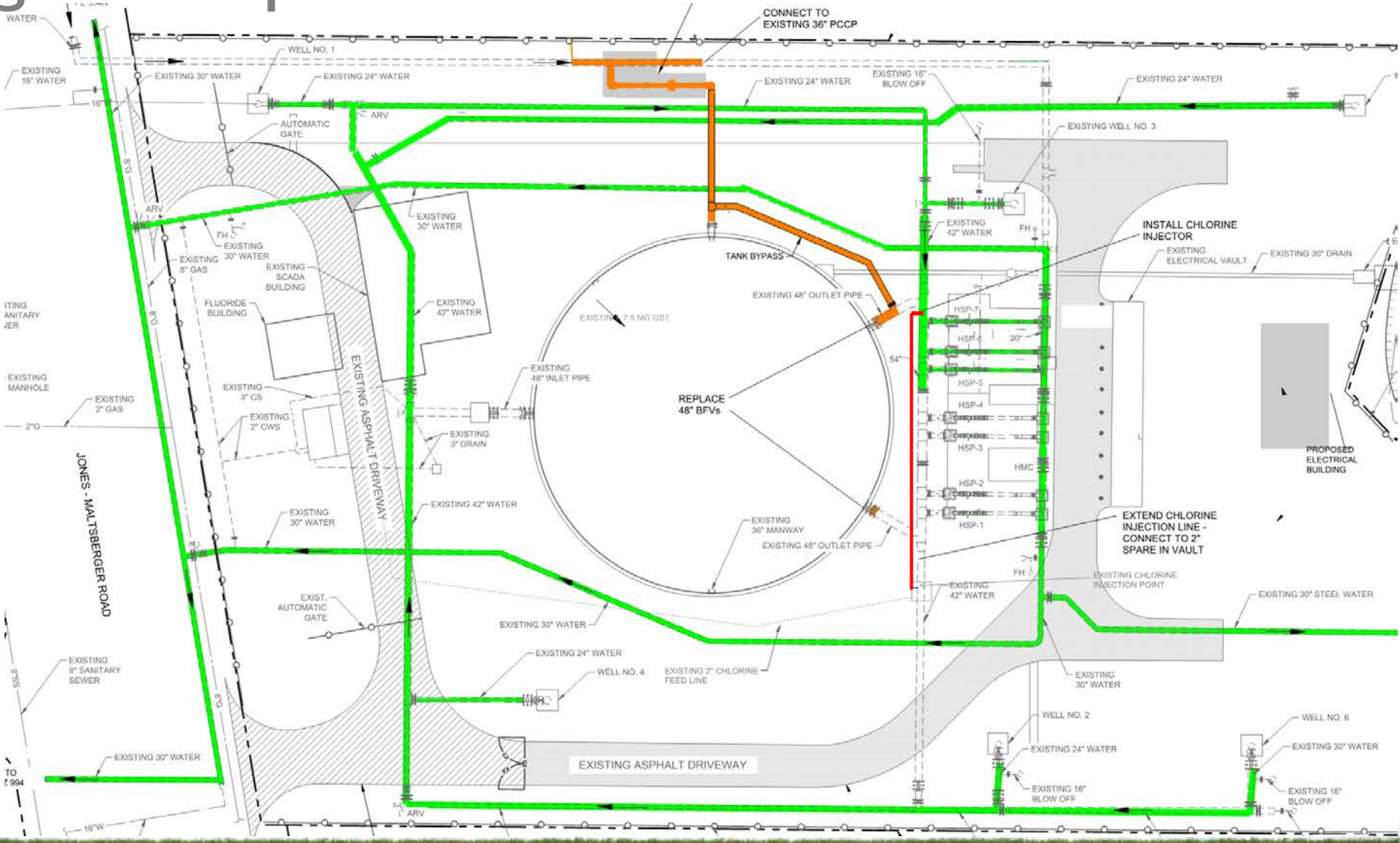
Central Water Integration Pipeline - Maltzberger Pump Station Improvements



Project Background - Maltzberger Pump Station



Maltsberger Pump Station – Shutdown 2

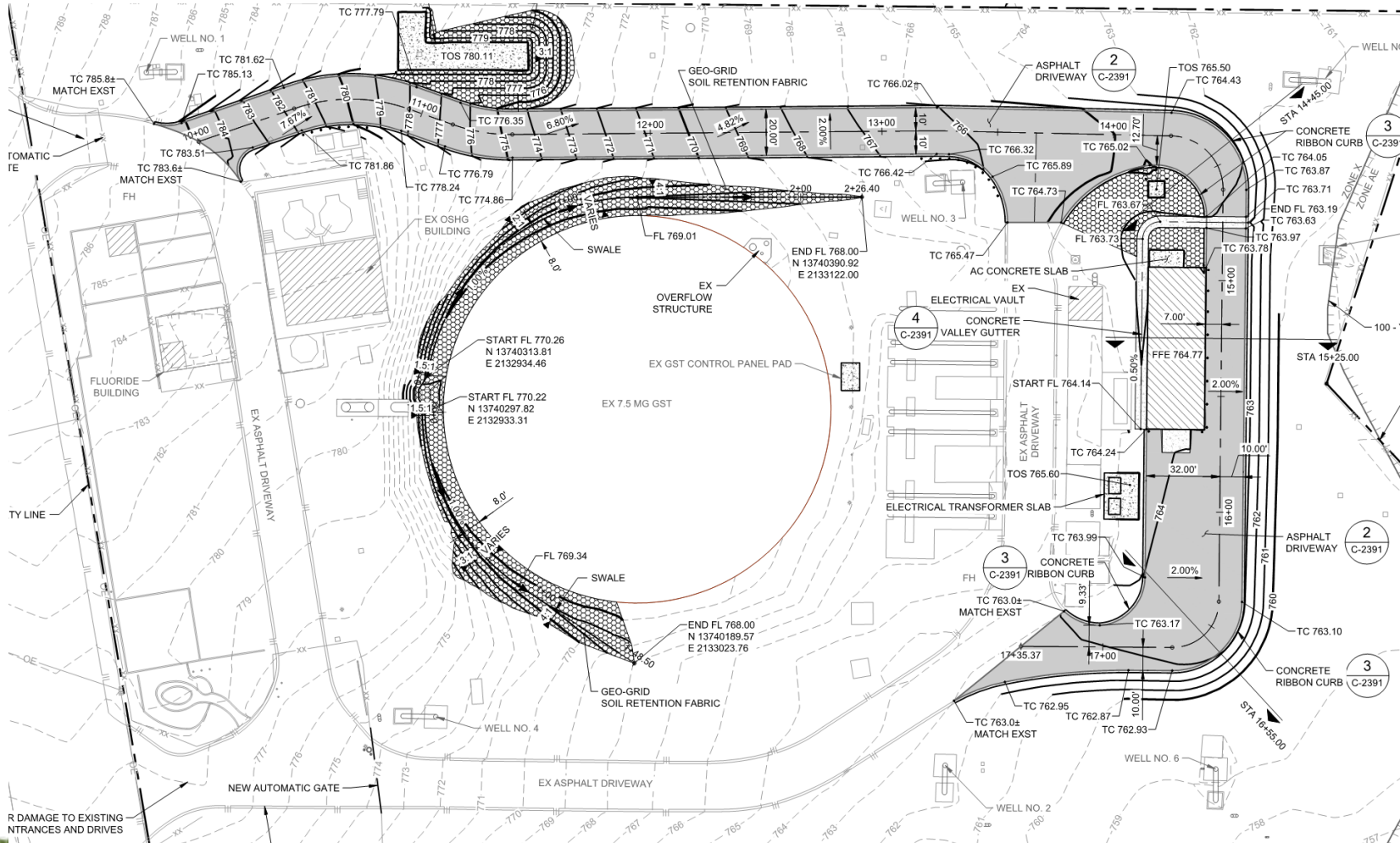


Central Water Integration Pipeline - Maltsberger Pump Station Improvements



Maltsberger Pump Station

Site Grading/Drainage

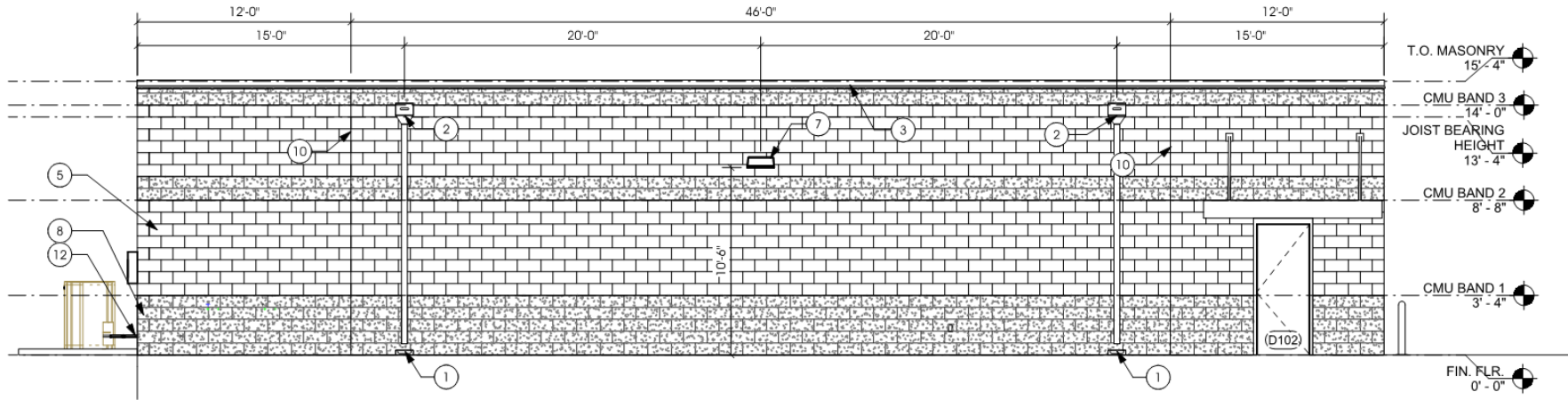


Central Water Integration Pipeline - Maltsberger Pump Station Improvements

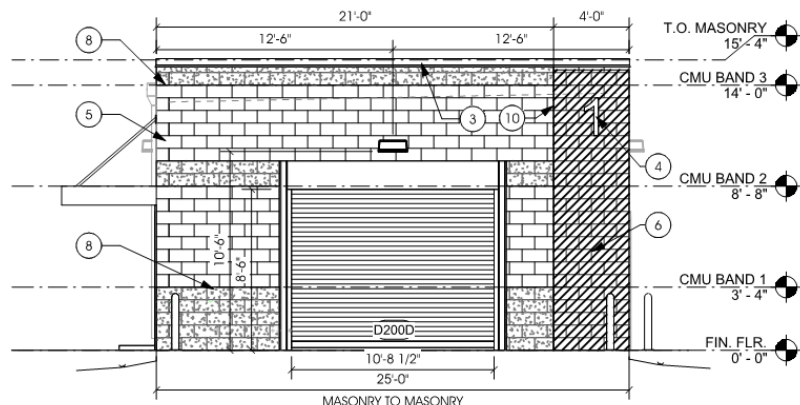


Maltsberger Pump Station

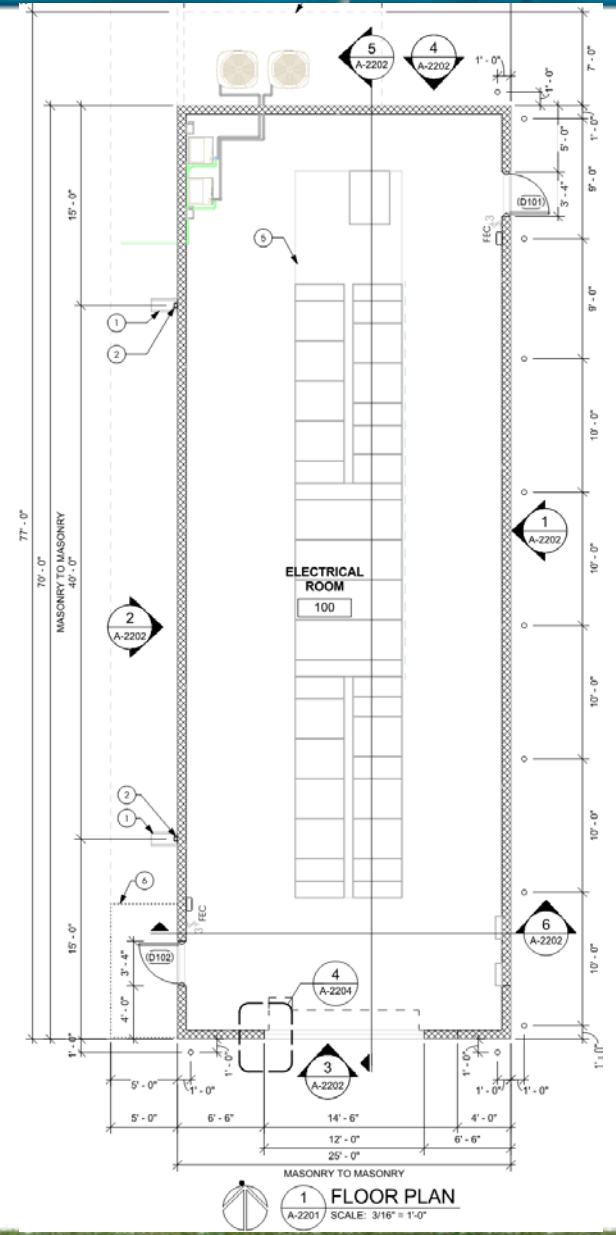
Electrical Building



2 WEST ELEVATION
A-2202 SCALE: 3/16" = 1'-0"



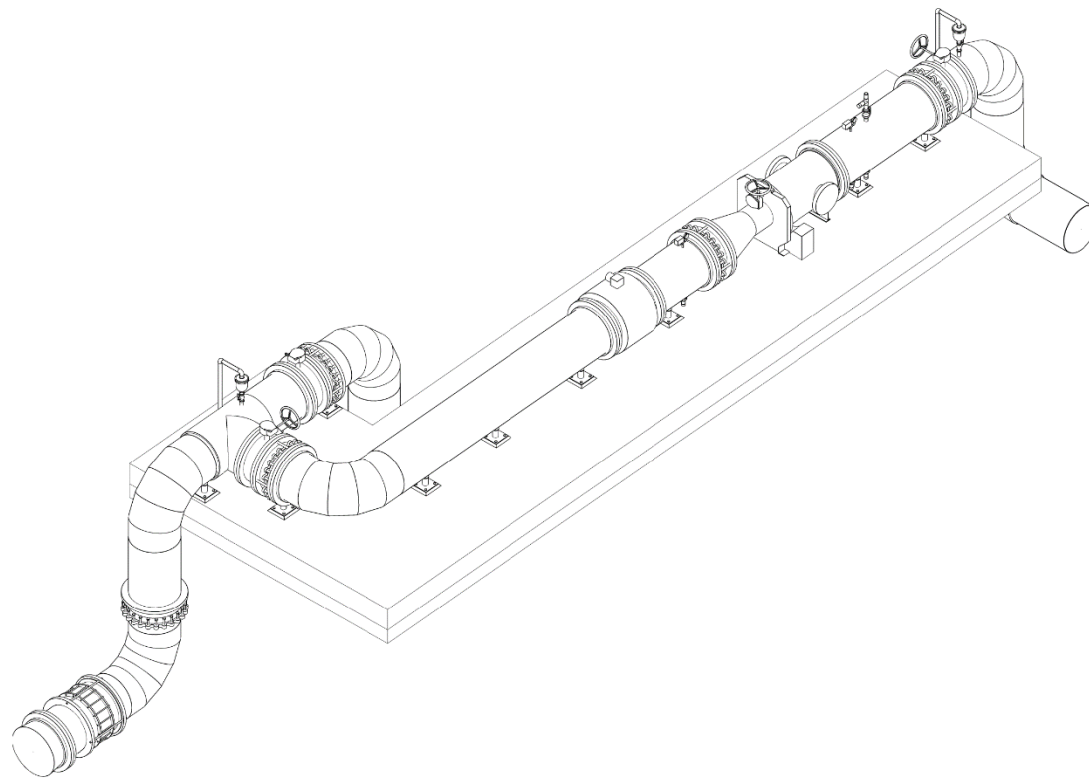
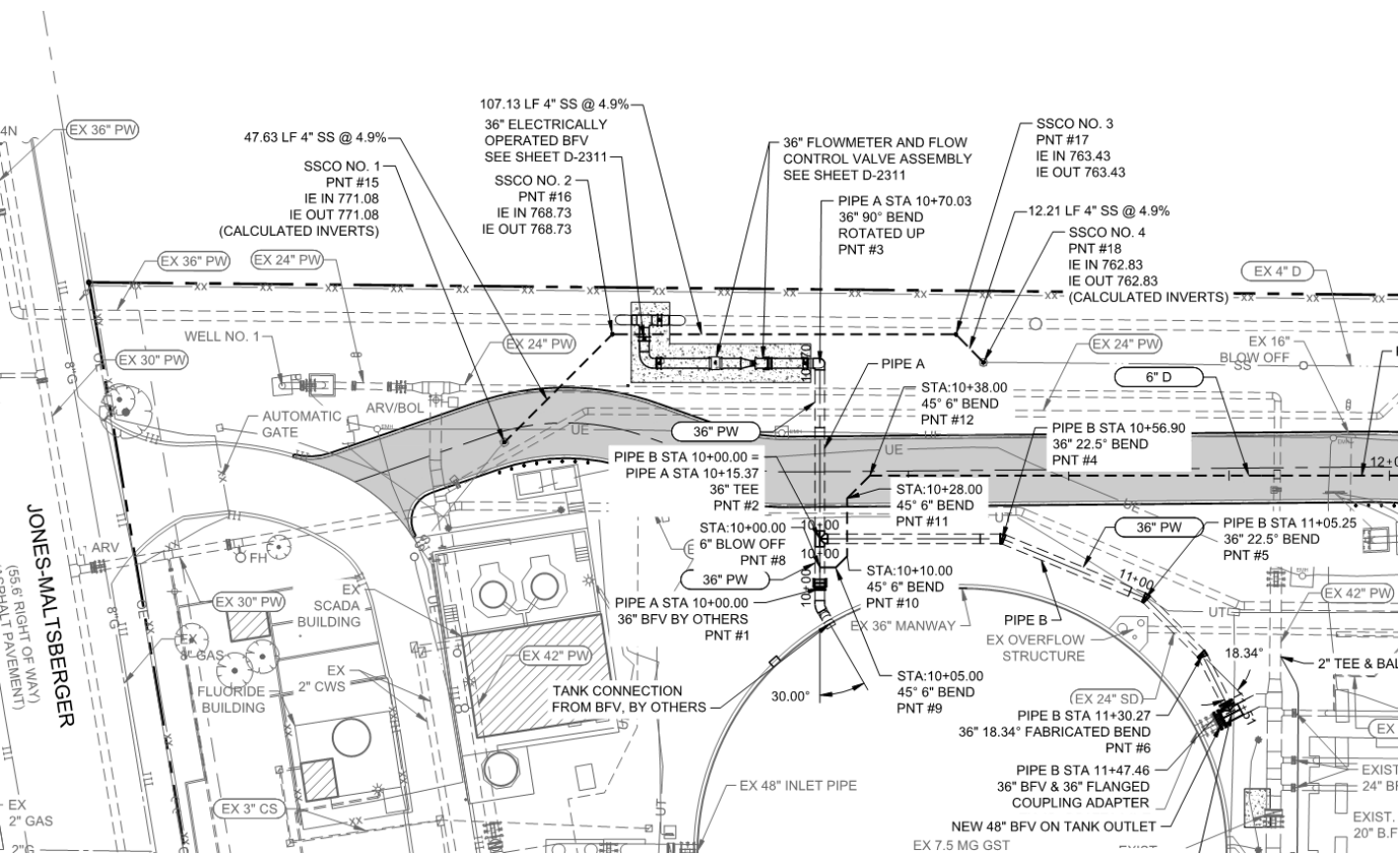
3 SOUTH ELEVATION
A-2202 SCALE: 3/16" = 1'-0"



1 FLOOR PLAN
A-2201 SCALE: 3/16" = 1'-0"

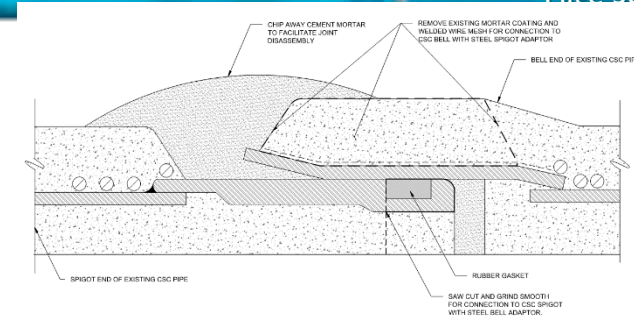
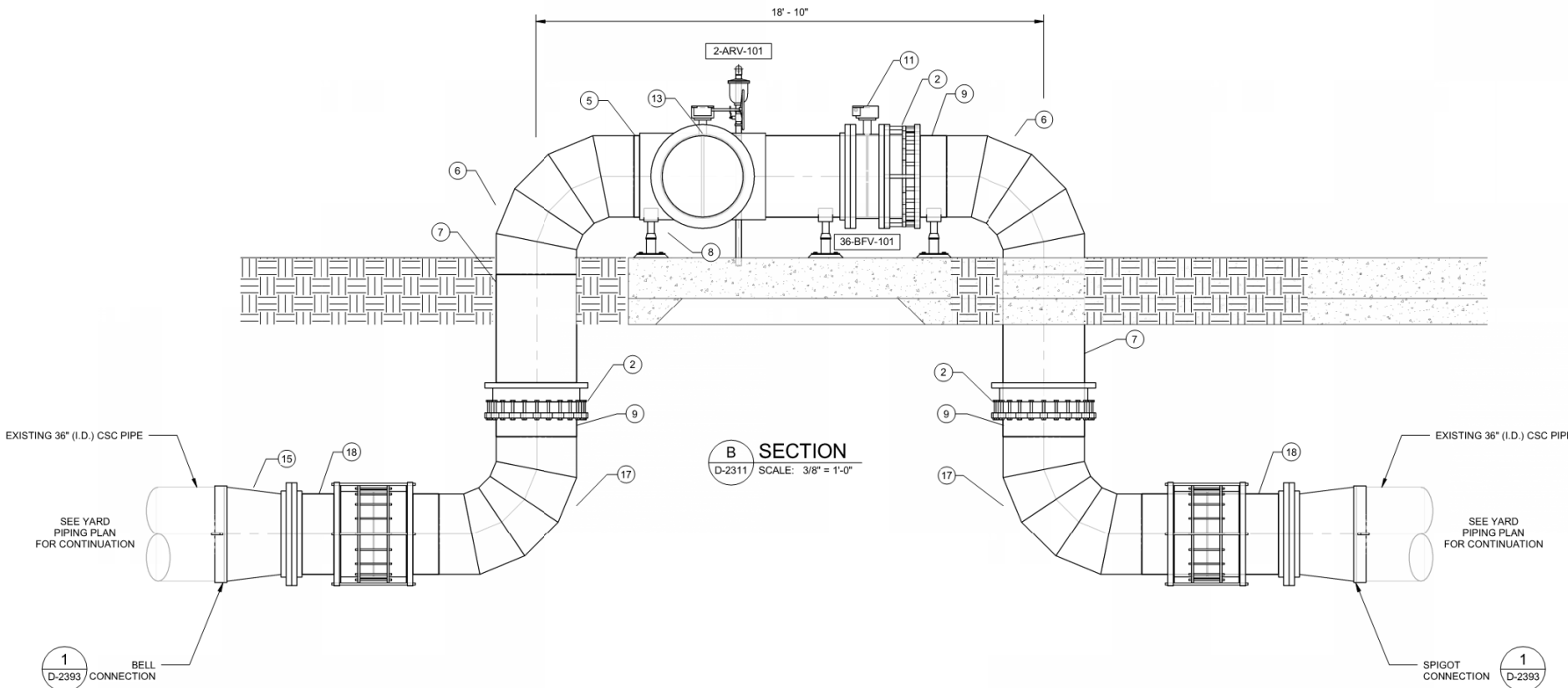
Maltsberger Pump Station

Sleeve Valve Assembly



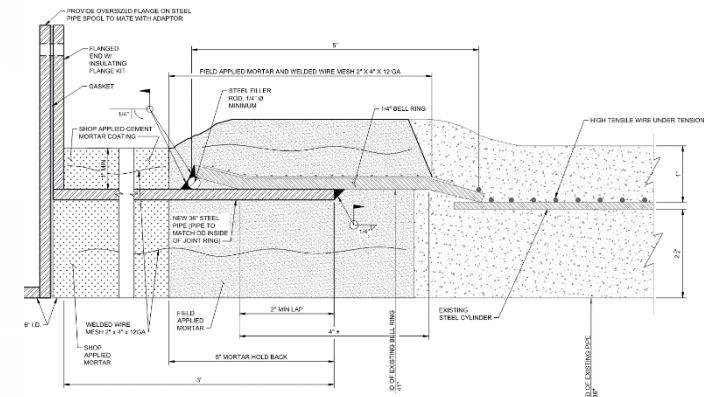
Maltsberger Pump Station

Connection to Existing PCCP



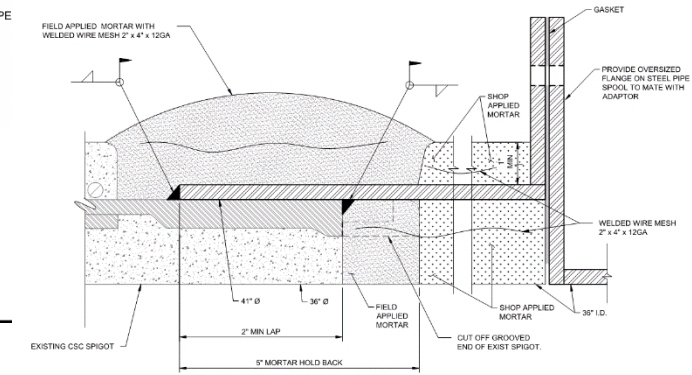
EXISTING CSC BELL AND SPIGOT JOINT

SCALE: NTS



1 36" CSC TO STEEL SPIGOT ADAPTOR

SCALE: NTS

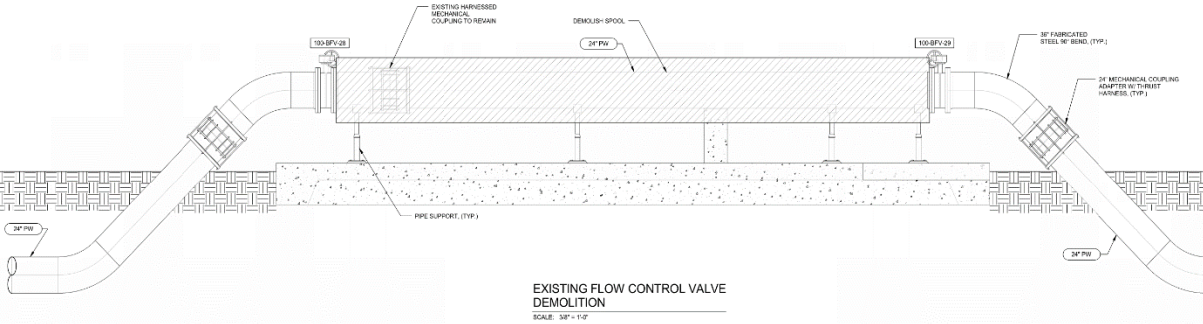


36" CSC TO STEEL BELL ADAPTOR

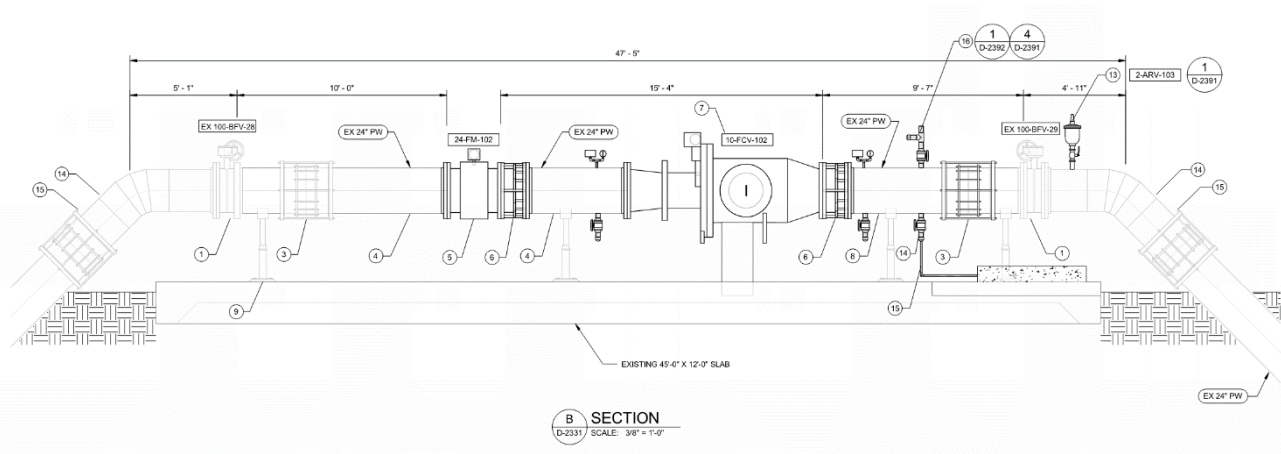
SCALE: NTS

Basin Pump Station

Sleeve Valve Assembly

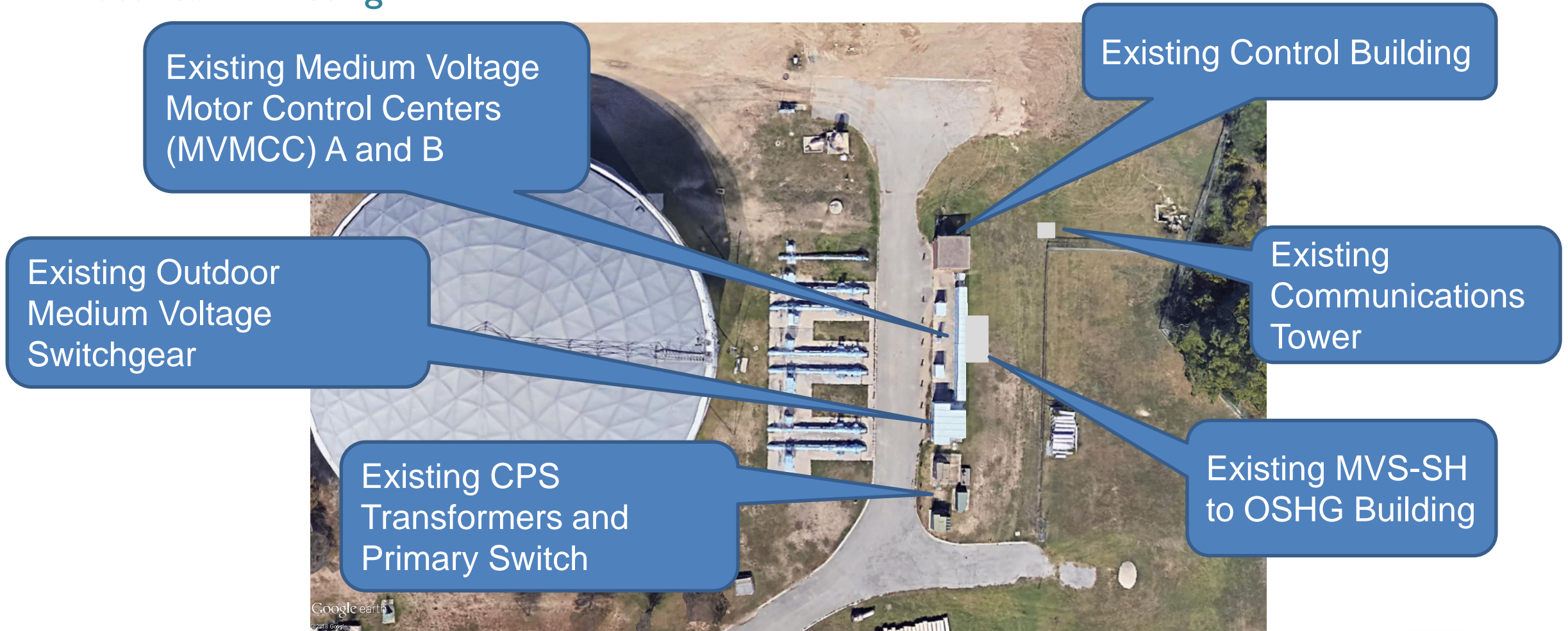


- Remove Existing Spool
- Install Flow Meter, Valves, Piping and Sleeve Valve



Maltsberger Pump Station

Electrical – Existing



Maltsberger Pump Station

Electrical Improvements – Key Scope Items

1. Replace Existing Pump Station Outdoor MV Switchgear and MVMCCs
 - New Switchgear in Proposed Electrical Building.
 - New Ductbanks from Proposed Electrical Building to existing Electrical Vault under existing gear lineup.
 - New Ductbanks from existing Electrical Vault to Pumps (HSP and WWP) and to existing field devices.
2. Replace Existing Supervisory Control Panel
 - New panel located in Electrical Building
3. Relocate Existing Communications Tower
 - Need to provide temporary communications during construction

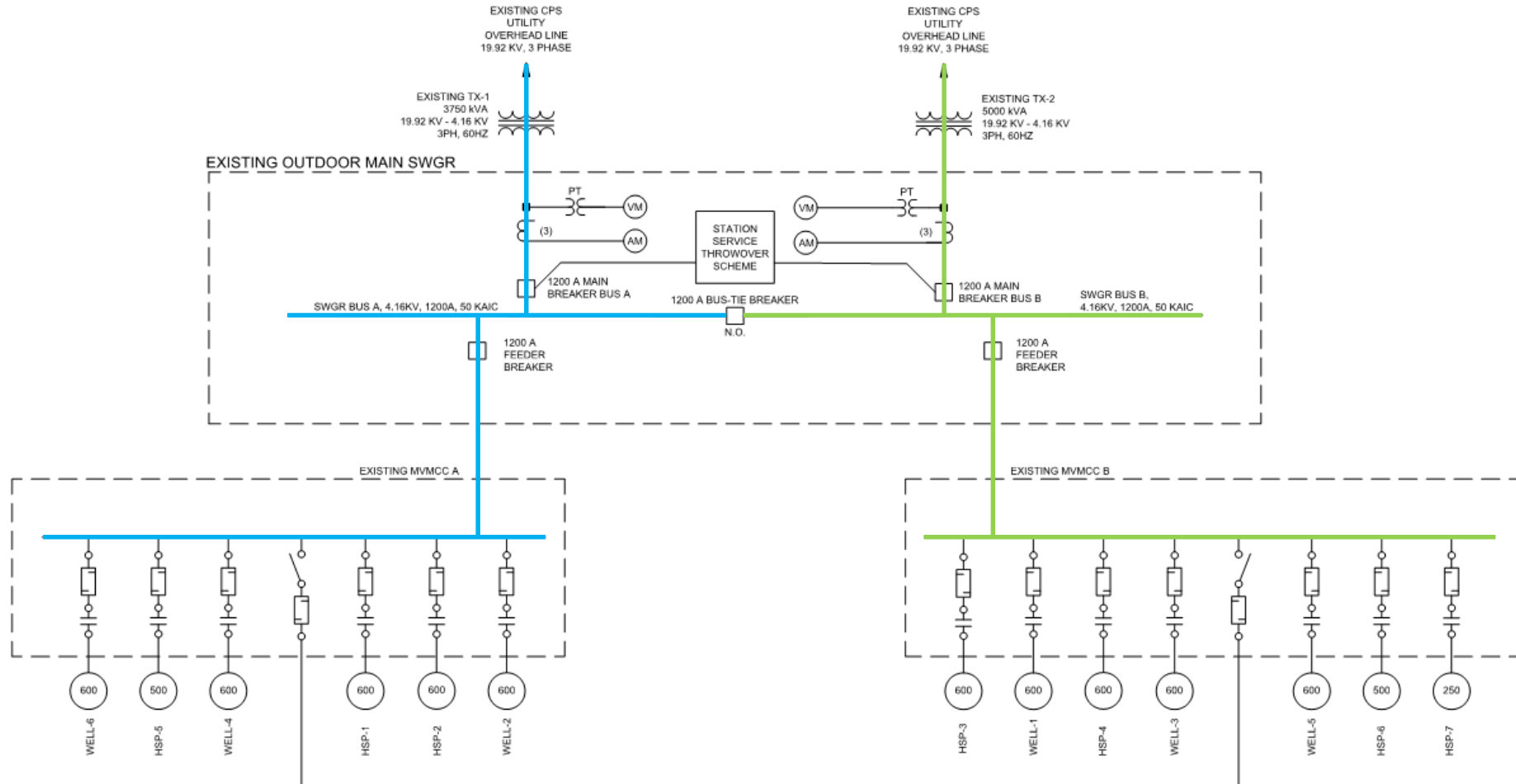
Maltsberger Pump Station

Electrical Improvements – MV Switchgear Replacement



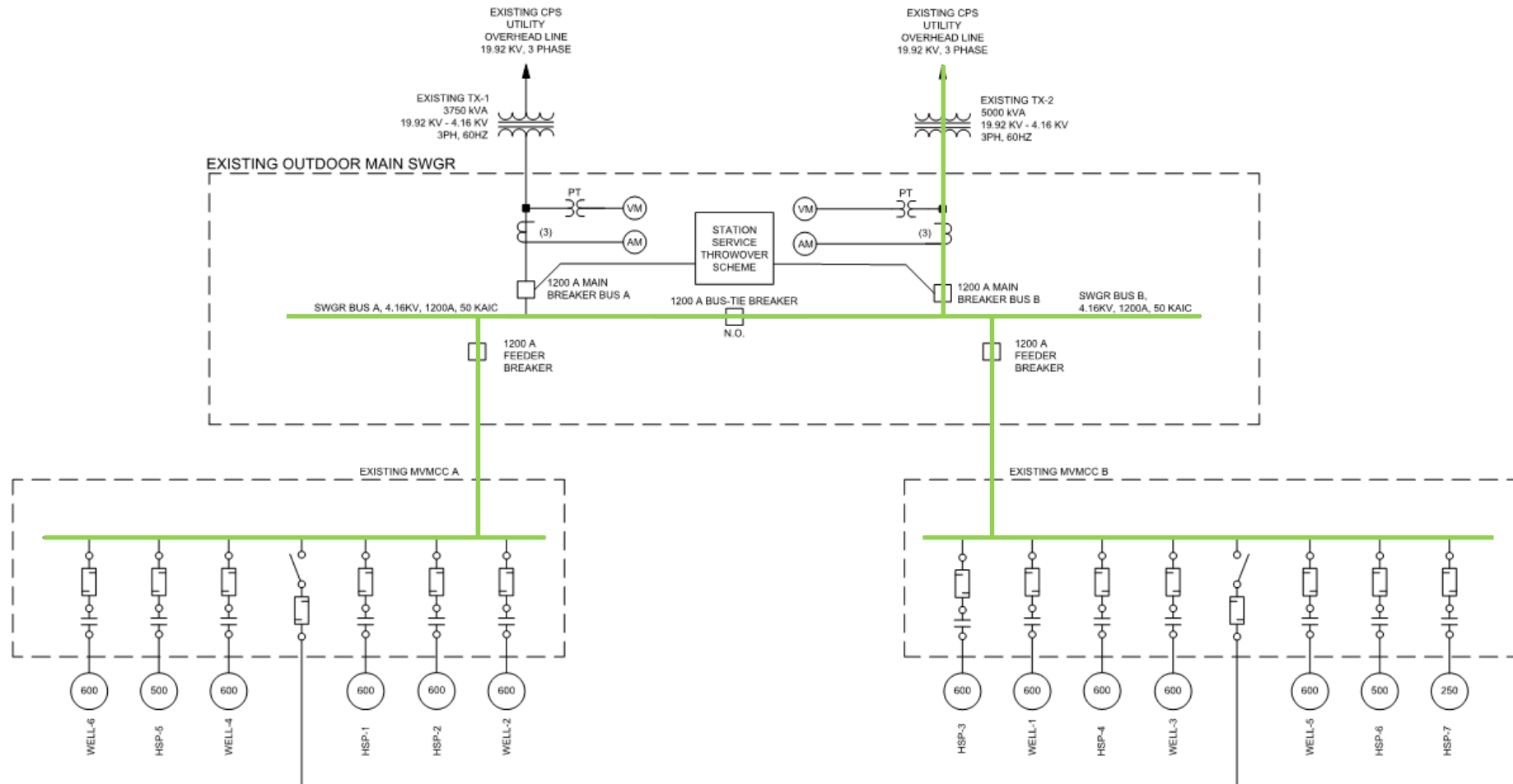
Maltsberger Pump Station

Electrical Improvements – MV Switchgear Replacement



Maltsberger Pump Station

Electrical Improvements – MV Switchgear Replacement



Maltsberger Pump Station

Electrical Improvements – MV Switchgear Replacement



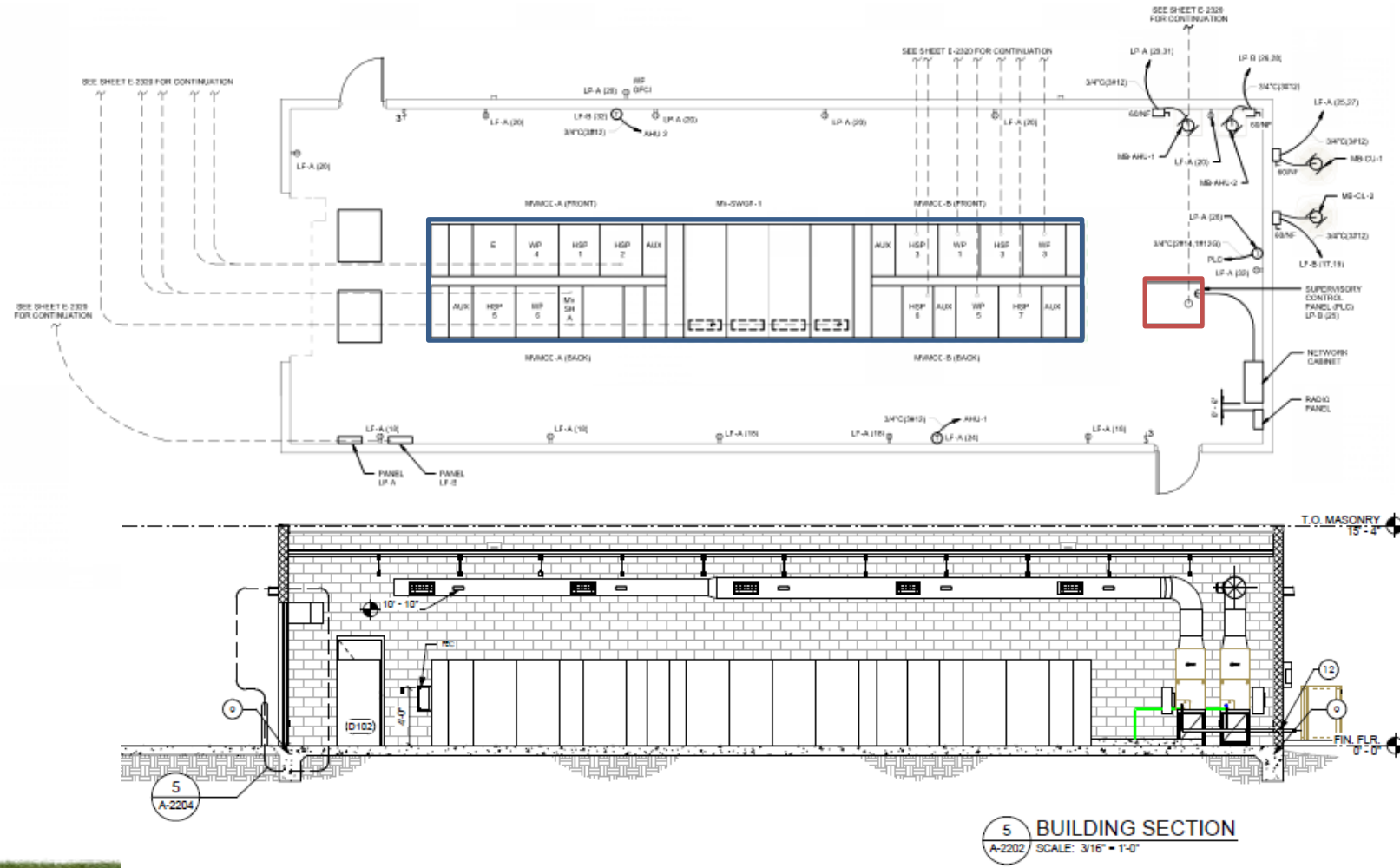
Maltsberger Pump Station

Electrical Improvements – MV Switchgear Replacement



Maltsberger Pump Station

Electrical Improvements – New Electrical Building



Maltsberger Pump Station

Electrical Improvements – Construction Sequencing

1. Replace Existing Pump Station Outdoor MV Switchgear and MVMCCs
 - “Move” pumps in pairs (1 High Service Pump and 1 Well Pump)
 - No more than 1 HSP will be allowed to be out of service at a time
2. CANNOT start transfer until NEW Supervisory Control Panel is installed and completely commissioned

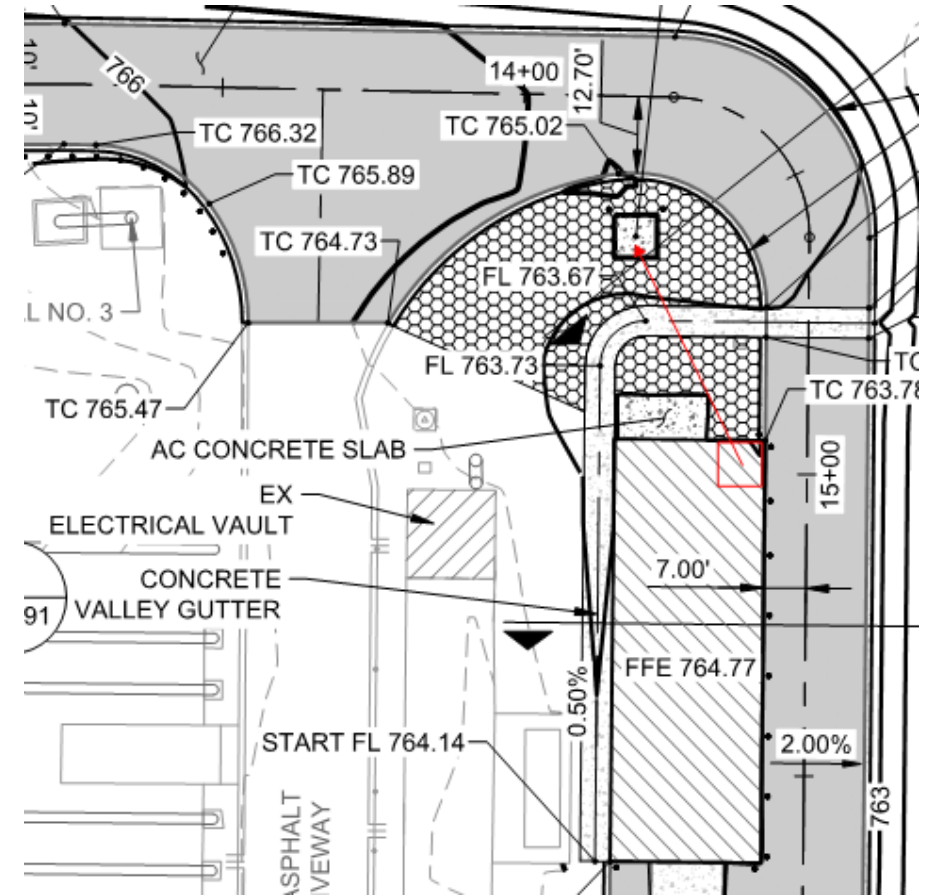
Maltsberger Pump Station

Electrical Improvements – Supervisory Control Panel Replacement



Maltsberger Pump Station

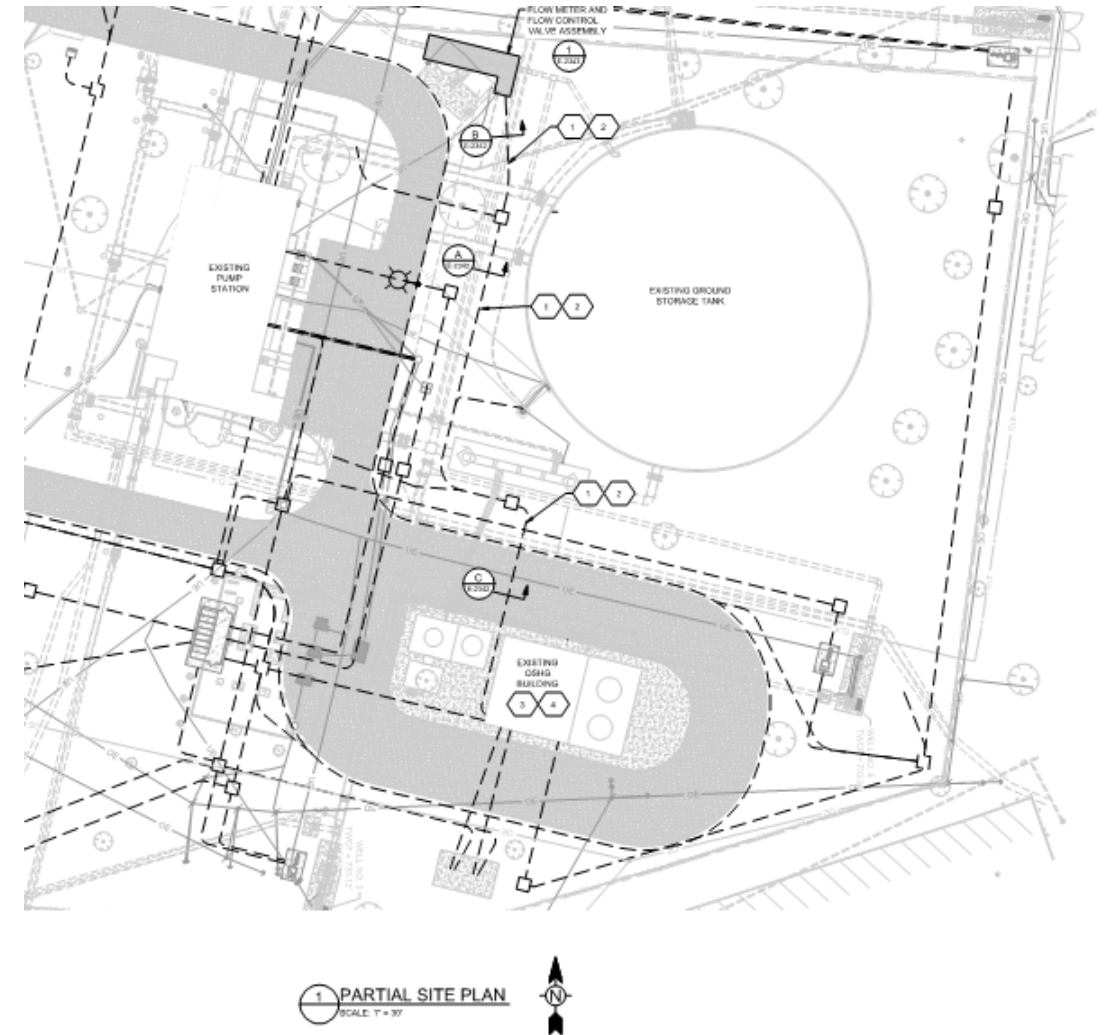
Electrical Improvements – Antenna Relocation



Basin Pump Station

Electrical Improvements – Flow Control Valve

- Ductbanks being installed as part of the Basin Pump Station Improvements Project - Phase II
- Wiring to be installed under this Contract



Contract Requirements

- Per Supplementary Condition 8.6 of the GCs, liquidated damages will be assessed as follows:
 - Tie-in Connection, Yard Piping, Sleeve Valve Assembly, Tank Discharge Valves
 - Intermediate Milestone I after December 31, 2019 \$5,000.00/day
 - Intermediate Milestone I after April 15, 2020 \$10,000.00/day
 - All other work, Building, Site Work and Electrical Wiring and Gear
 - Substantial Completion Milestone after April 15, 2020 \$1,500.00/day
 - Final Completion after June 30, 2020 \$1,500.00/day

Cost Estimate

\$6,700,000.00

Any Questions of Items Discussed Up to This Point?

- Remember: Submit Questions in Writing