



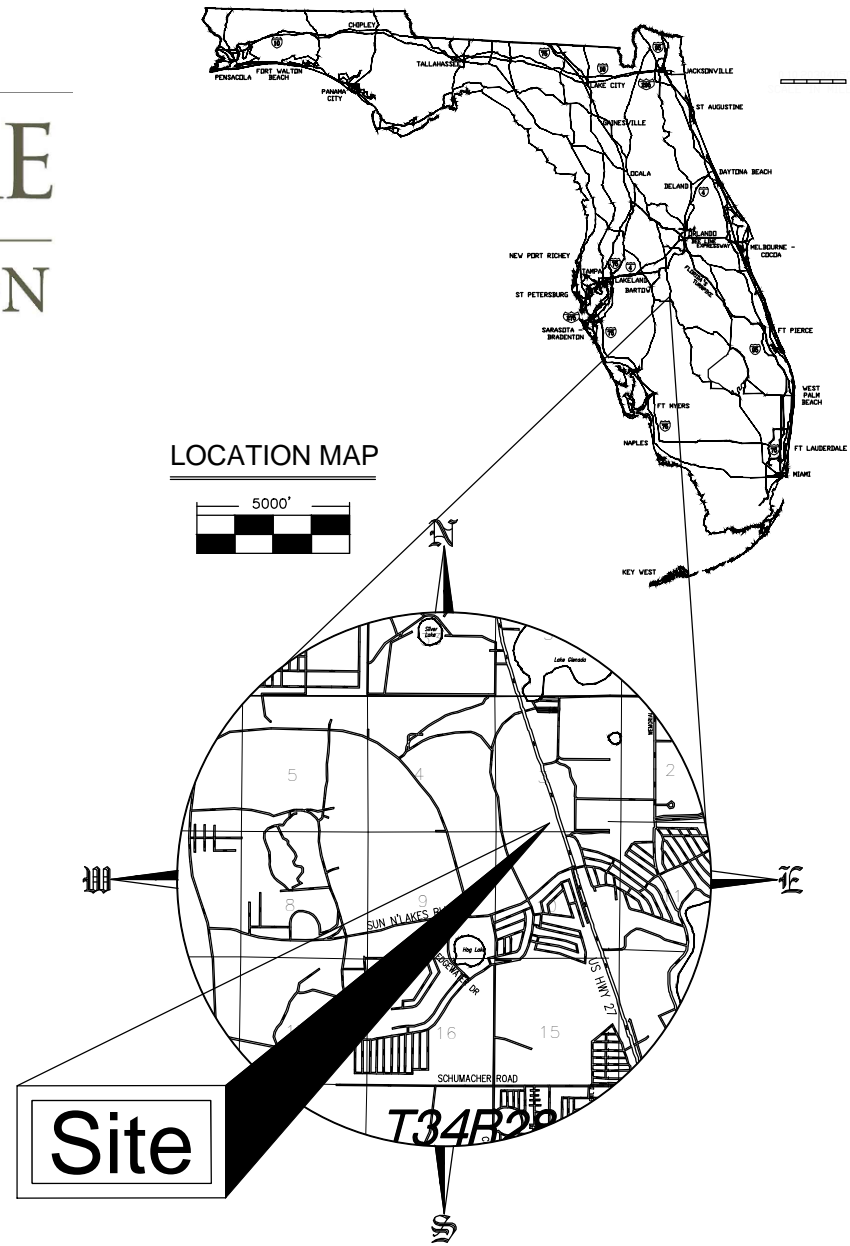
SUN 'N LAKE

GOLF & RECREATION

SUN 'N LAKE OF SEBRING IMPROVEMENT DISTRICT UNIT 4 WWTP TANK JOINT SEALING RFP 19-04

PROJECT: SUN 'N LAKE UNIT 4 WWTP
TANK JOINT SEALING
36264 GALLANO ST
SEBRING, FL 33872

ENGINEER: ROGER DALE POLSTON, P.E.
POLSTON ENGINEERING, INC.
P.O. BOX 588
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(863) 385-5564
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SHEET INDEX

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ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

ORIGINAL SIZE 11"x17"

Important:
The information and design shown on these drawings is based on the best available information provided for design. The drawing is to scale as much as possible; however no measurements should be made by scaling from these drawings as some items may be not to scale for drawing clarity. Any questions or conflicts should be brought to the engineer immediately for clarification or resolution. Polston Engineering Inc. shall not be responsible for any errors made by others caused by making assumptions about the plans or errors caused by scaling the plans. All construction shall follow the accepted safety procedures and construction techniques as required by any applicable government standards.

GENERAL NOTES:

- CLEANING AND PREP WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE INCLUDED AS PART OF THIS PROJECT.
- A DUMPSTER WILL BE PROVIDED FOR CLEANING MATERIAL DISPOSAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GETTING ALL CLEANING DEBRIS AND MATERIALS INTO THE DUMPSTER.

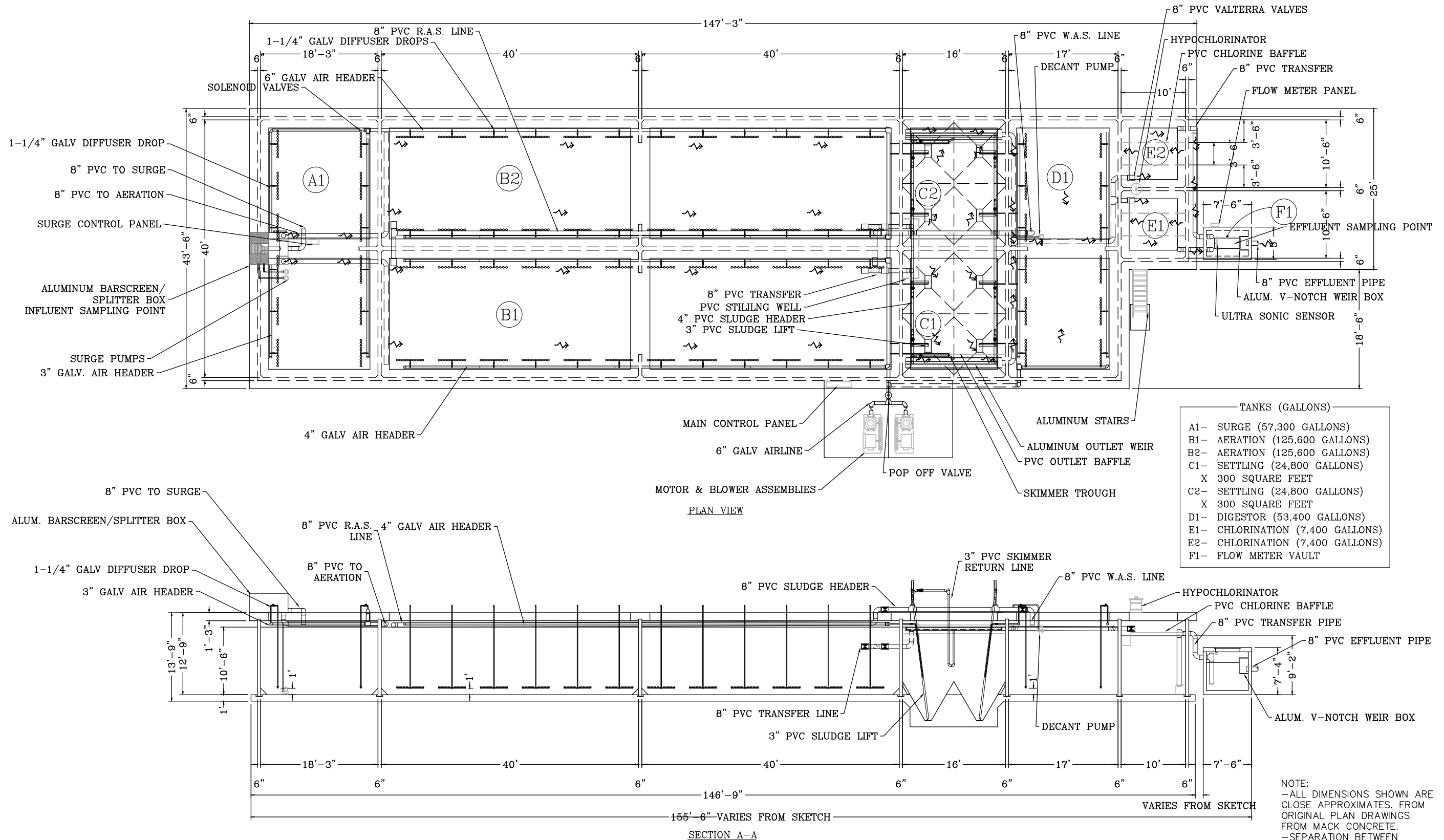
ALWAYS CALL 811 TWO FULL BUSINESS DAYS BEFORE YOU DIG



SCALE: 1" = N.T.S.	SHEET: 1 OF 4	JOB #: 94021
APPROVED BY: [Signature]	BID SET	DRJ/RDP
2925 KENILWORTH BLVD., SEBRING, FLORIDA 33870 863-385-5564 PHONE 863-385-2462 FAX		DATE
CERTIFICATE OF AUTHORIZATION # 5884 ROGER DALE POLSTON P.E. # 33222 MARVIN LUTHER WOLFE P.E. # 46030		REMARK
Polston Engineering Inc. CIVIL ENGINEERING CONSULTANTS		DR/CH
SUN 'N LAKE OF SEBRING UNIT 4 WASTE WATER TREATMENT PLANT TANK SEALING PROJECT - COVER		

SUN'N LAKE OF SEBRING, UNIT 4 WWTP (WWTP#2)

WALL SEALING



SCALE: 1" = N.T.S.	JOB #:	94021	DRJ/RDP	DRJ/RDP	REMARK	DATE	DR/CH
SHEET: 2 OF 4	BID-SET						
APPROVED BY:	02-18-19						

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 ROGER DALE POLSTON P.E. # 33222
 MARVIN LUTHER WOLFE P.E. # 46030



SUN'N LAKE OF SEBRING
UNIT 4 WASTE WATER TREATMENT PLANT
DIMENSIONED PLANT FLOW DIAGRAM

SCOPE OF SERVICES:

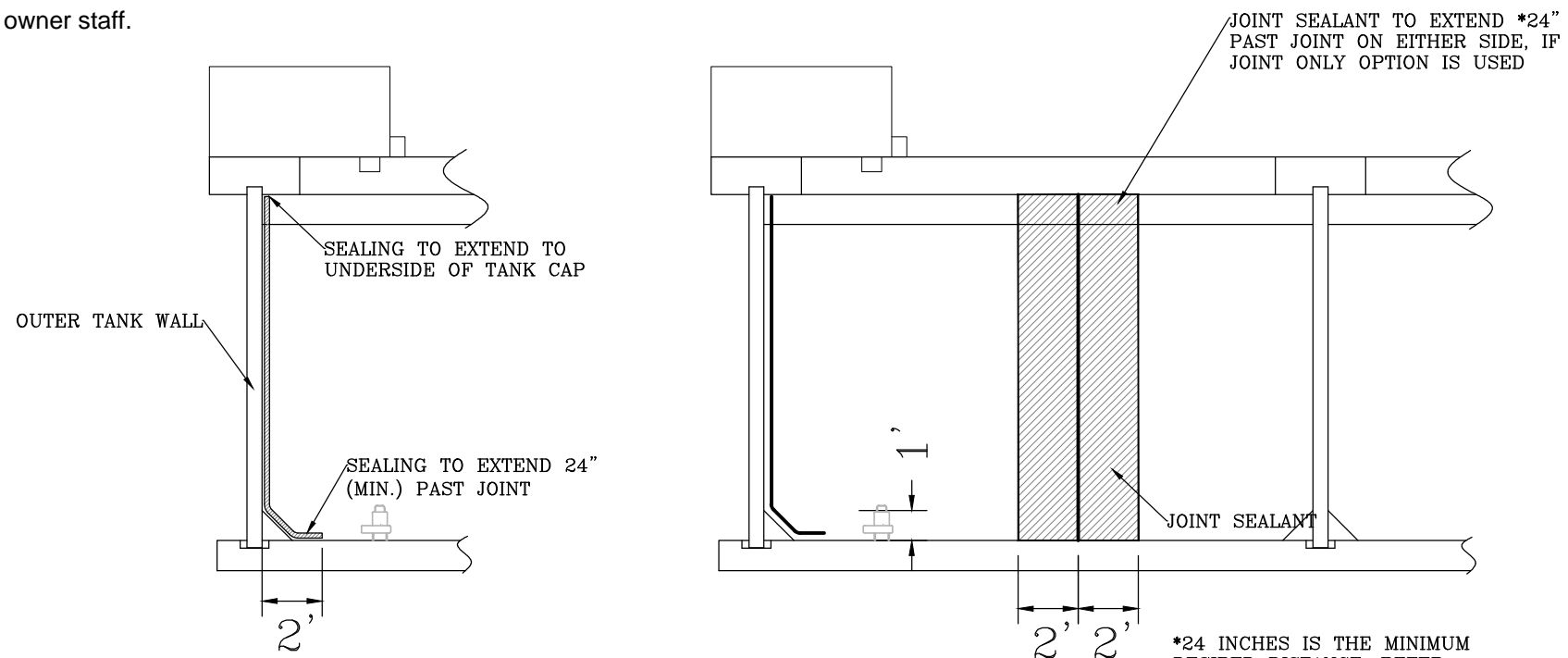
The purpose of this project is to clean and seal the interior side of the external walls of an existing waste water treatment plant located at 36264 Gallano St., Sebring, FL 33872. (accessible from US 27-Sun'n Lake Frontage Road)

- Existing Waste Water Treatment Plant is a pre-fabricated concrete extended aeration treatment wastewater facility constructed in approx 1995. The plant is constructed in two independently operating treatment trains which combined are permitted to treat up to 250,000 gallons per day. See attached drawing for plant layout. The plant will remain in operation during the sealing procedure. One train will be done at a time.
- The existing plant is experiencing water leaks in the joints of the concrete panels around the exterior of the tanks. No significant leaks are expected on interior walls of the tank due to equal hydraulic pressure. Only exterior walls will be treated.
- The owner is requesting proposals to clean, inspect, and seal all joints from the inside of the exterior walls. This may be proposed by sealing joints only or by sealing the entire wall area. Multiple options will be accepted and reviewed.
- The owner will review submitted proposals and select one vendor/option.
- Evaluation criteria will include, but not be limited to, price, product quality, ability to comply with schedule, time needed to perform work, services offered/excluded, and warranty offered.
- Submittals shall include summary page listing: Option # (if multiple submissions), Proposed method of sealing/product, work to be included in proposal, any work excluded from proposal, proposed price, warranty offered, and proposed schedule of work.
- Additional product details should be attached to submittal summary page.
- Contractor will be responsible for maintaining a safe work site for work crews and owner staff.

JOINTS TO BE SEALED: 45
 CORNERS TO BE SEALED: 20

PROJECT NOTES:

- THE CONTRACTOR SHALL PROVIDE PROPER CLEANING AND SURFACE PREP TO THE AREA TO BE SEALED.
- THIS PROJECT SHALL CONSIST OF TWO OPTIONS. OPTION 1 WILL BE TO SEAL THE JOINTS WITHIN THE PERIMETER WALLS OF THE TANKS. OPTION 2 SHALL CONSIST OF SEALING THE ENTIRE PERIMETER WALL OF THE TANKS AS SHOWN ON THE PLAN.
- THE TYPE OF SEALER SHALL BE A POLYUREA SEALANT OR A CALCIUM ALUMINATE SPRAY ON COATING. IN EITHER CASE, THE PRODUCT SHALL MEET OR EXCEED THE SPECIFICATIONS ATTACHED TO THE PLANS AND BID DOCUMENTS. ALTERNATES SHALL BE APPROVED PRIOR TO THE BID SUBMITTALS. THE CONTRACTOR SHALL PROVIDE ALL INFORMATION PROVING THE ALTERNATE PRODUCT MEETS OR EXCEEDS THE SPECIFICATIONS PROVIDED HEREIN. THIS SHALL INCLUDE A TABULATED COMPARISON OF SPECIFICATIONS FOR REVIEW. FAILURE TO DO SO WILL BE GROUNDS FOR REJECTION OF THE BID.
- MINIMUM COVERAGE OF JOINT SEALANT IS 24" ON EITHER SIDE OF THE JOINT AS SHOWN BELOW. REFER TO SEALANT PRODUCT MANUFACTURE'S SPECIFICATION FOR WIDTH AND USE IF GREATER.
- EXISTING JOINTS OR CORNERS MAY HAVE EXISTING JOINT SEALANTS ON THE JOINT. THE CONTRACTOR SHALL REMOVE FAILED MATERIAL TO INSURE THEIR PRODUCT ADHERES TO THE WALL AND DOES NOT FAIL.
- THIS PROJECT SHALL HAVE A BID OPTION FOR A WARRANTY OF A MINIMUM OF 3 YEARS.
- SOME OF THE PLANT TANKS ARE ALREADY PUMPED DOWN, THE EASTERLY TREATMENT TRAIN WILL BE THE FIRST ON THE PRIORITY LIST ONCE THE PROJECT STARTS. IT IS CURRENTLY THE SIDE WITH THE MOST LEAKING JOINTS.
- COORDINATION WITH UTILITY STAFF WILL BE REQUIRED TO PERFORM ALL WORK. THE PLANT WILL BE IN OPERATION AND WILL TAKE TIME BETWEEN PUMPING DOWN EACH SIDE/TANKS OF THE PLANT. CONTRACTOR TO TAKE THIS INTO ACCOUNT FOR THEIR WORK.



*24 INCHES IS THE MINIMUM DESIRED DISTANCE, REFER TO SEALANT PRODUCT FOR RECOMMENDED MINIMUMS.

SEALANT SECTIONS

SCALE: 1" = N.T.S.	SHEET: 4 OF 4	JOB #:	94021
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POLSTON ENGINEERING INC.			
SUN'N LAKE OF SEBRING UNIT 4 WASTE WATER TREATMENT PLANT TANK SEALING - DETAILS			REMARK
			DATE
			DR/CH

NOT VALID UNLESS SEALED

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