





# Memo

**To:** Patricia Davis, P.E., Brad Marshall  
**From:** Jonathan Tran, P.E., Ron Mick, P.E.  
**Copy:** Matt Gaughan, P.E., Charles Cameron  
**Date:** November 12, 2021  
**Subject:** CWWTP1 Change Order 0005

For the Central Wastewater Treatment Plant Expansion project, the Owner's Representative Team recommends approval of the attached Change Order 0005 in the amount of \$125,009.25 and 113 additional days to the contract with BAR Constructors, Inc. as indicated in Table 1 below.

The current contract price is \$42,374,315.24 and the revised total not to exceed contract price, including this change order, will be \$42,499,324.49. The current contract Final Completion date is 02/26/2022, and the revised contract Final Completion date will be 06/19/2022.

Due to the large number of items, they are shown in the following categories:

- Added Scope of Work – Items added for reasons indicated by Change Order Code that were not in the original scope of work.
- COVID-19 Related Impacts – Items included for additional cost or delay that are related to the ongoing COVID-19 Pandemic.
- Other Delays – Items included due to delays beyond contractor control.
- Bypass Pumping Contingencies – Items included to provide contract price contingencies to allow for pumping for treatment processes to establish flow before the completion of the project.
- Credits – Items included for unused allowances from the original contract.

Table 1 – Change Order 5 Item Summary

<b>Item No.</b>	<b>Description</b>	<b>Net Change in Cost</b>	<b>Net Change in Time</b>	<b>Change Order Code</b>
<b>Added Scope of Work Items</b>				
1	CP0031 – UV Finger Trough Concrete Modification	\$3,751.65	1 days	D
2	CP0034 – Piping for Influent Pump Station Piping Pump 6	\$111,644.08	19 days	E
3	CP0035 – HVAC unit for Turbidity Building	\$3,362.56	2 days	F/R
4	CP0037 – Electrical Building Ladder Anchors	\$9,286.04	5 days	F/D
5	CP0040 – Conductivity Probe change at UV	\$3,437.68	3 days	R
6	CP043 – 2” NPW unforeseen utility line break	\$1,009.42	0	S
	<i>Added Scope of Work Subtotal</i>	<b>\$ 132,491.43</b>	<b>30 days</b>	
<b>COVID-19 Related Impacts</b>				
7	CP0039 – Clarifier 1 and 2 Bypass Pumping	\$25,974.22	7 days	S
8	CP048 – NBC 09 COVID Manhour loss	0	37 days	X
9	CP042 – COVID-19 Impacts August 2021 and Sept. 2021	0	9 days	X
	<i>COVID-19 Related Subtotal</i>	<b>\$25,974.22</b>	<b>53 days</b>	
<b>Other Delays</b>				
10	CP045 – Oncor Electric Delays	0	30 days	X
	<i>Other Delays Subtotal</i>	<b>0</b>	<b>30 days</b>	
<b>Bypass Pumping Contingencies</b>				
11	CP046 – Bypass Pumping for TCEQ Action Plan	\$62,026.99	0	X
12	CP047 – Bypass Pumping for SH130 Interceptor Flows	\$66,116.61	0	X
	<i>Bypass Pumping Contingencies Subtotal</i>	<b>\$128,143.60</b>	<b>0</b>	
<b>Credits</b>				
13	CP049 Oncor Allowance Credit	(\$150,000.00)	0	X
14	CP050 Extra Work Item – Drilled Pier Credit	(\$11,600.00)	0	X
	<i>Credits Subtotal</i>	<b>\$161,600.00</b>	<b>0</b>	
<b>Total</b>	<b>Net Change to Contract</b>	<b>\$125,009.25</b>	<b>113 days</b>	

## Detailed Item Descriptions

### Added Scope of Work Items

#### Item No. 1: CP0031 – UV Finger Trough Concrete Modification

##### *D – Design Issue*

Concrete work at the UV basin was completed based on design drawings and approved shop drawings. After concrete was placed, it was discovered that the finger weir troughs were not open to receive flow through the finger weirs. Concrete was sawcut, removed and repaired in order to accept the correct finger weir system.

#### Item No. 2: CP0034 – Piping for Influent Pump Station Piping Pump 6

##### *E – Field Enhancement*

The original design of the Phased expansion of the CWWTP was based on Phase 2 being completed significantly after Phase 1. Based on the estimated time between projects only a portion of the influent lift station pumping capacity was planned for Phase 1 – this includes installation of 5 out of the total 6 pumps required for ultimate capacity. As the city's growth rate has exceeded expectations, Phase 2 now is planned immediately after Phase 1.

To install the 6<sup>th</sup> pump during Phase 2 construction, the lift station will need to be partially shut-down and ½ of the lift station will need to be dewatered, and cleaned to allow for installation of piping required by the pump. The required shutdown reduces treatment capacity for the installation duration (approximately 1 month).

To evaluate this item, 3 price estimates were obtained as follows:

1. Estimate to fully install Pump 6 during Phase 1 = \$270,043
2. Estimate to fully install Pump 6 during Phase 2 = \$321,842
3. Estimate to install only wet-well components in Phase 1 = \$111,644

This item will shift funds intended to be expended during Phase 2 to the Phase 1 project to provide for piping installation in the wet-well needed for pump number 6. The remaining pump installation costs (pump, control panel, & electrical) will remain in Phase 2. By authorizing the change in scope to Phase 1, the net saving to City is estimated to be approximately \$52,000. This cost savings is due to not having to de-water, clean, and provide secondary isolation of the wet-well during phase 2 construction. The revision also provides better operation of the lift station throughout Phase 2 construction because of the removed shutdown of ½ of the lift station.

Note that this request includes 19 total days. 5 days are for BAR Constructors directly to add time for additional pipe fabrication and fit up inside the wet well. 14 days are for required pipe coating by the coatings subcontractor to meet project specifications for high performance coatings which includes the time to complete surface preparation by

sand blasting, primer coat and dry time, intermediate coat and dry time, and finish coat and dry time, testing and touch up of pipe coating.

**Item No. 3: CP0035 – HVAC Unit for the relocated Turbidity Building**

***F/R – Field Detailed Design / Owner Request***

A previous change to the project (CO001, Item 1) provided for a new chemical analyzer building that was intended to have equipment relocated. It has been determined that the existing and new chemical analyzer buildings will be required to have HVAC. The revised scope is to add an HVAC unit needed for the analyzers at the relocated Turbidity Building.

**Item No. 4: CP0037 – Electrical Building Ladder Anchors**

***F/D – Field Detailed Design / Design Issue***

No anchor detail for attaching ladders to the proposed electrical buildings was included in the design. Following communication and coordination with the structural engineer, a detail was developed for a safe and effective connection. This change item is to provide for the revised scope required for the installation of the electrical building ladders.

**Item No. 5: CP040 Conductivity Probe at UV**

***R – Owner Request***

Plant Operations was walking the UV basins and noted the current installation of conductivity probes would make it hard to maintain in the future. The Plant discussed with contractor and a new detail was provided by the manufacturer. The additional cost is for the modifications to move the probes and modify the existing installation.

**Item No. 6: CP043 – 2” NPW repair**

***S – Site Conditions***

Contractor submitted NBC 31 to document the repair made to a 2-inch non potable water line on site that was not indicated on drawings in the area of the excavation.

***COVID-19 Related Impacts***

**Item No. 7: CP0039 – Clarifier 1 and 2 Bypass Pumping**

***S – Site Conditions***

During the MOPO meetings to discuss the piping connections of the existing clarifiers to the new filters and UV structures, there was discussion on how long the plant could be without a clarifier for before it would impact the plant’s processing of wastewater. The plant noted that increased flows due to COVID and population growth make it impossible to turn off a clarifier for time as noted in contract documents. Pumping all of the flow to the filters and UV from both of the clarifiers at the same time was decided as the best option for City. Additional work, also part of this MOPO, will be needed during this tie-in to reconfigure the Plant Non-Potable water system to remain functional as the phased startup is proceeding. The additional cost is for the pumping equipment to

pump all of the plant's daily flow to allow for piping tie-ins and not impacting the plant's ability to process water. This will also allow the plant to test the quality of the effluent water prior to permanent switching over to the new filters and UV processes.

**Item No. 8: CP048 – Project-wide Covid-19 manpower impact**

***X – Other – Covid-19 Pandemic Impacts – June 2020 through July 2021***

On March 20, 2020 the contractor provided NBC09 as a notice of possible impacts due to the Global Pandemic caused by Covid-19. As this schedule impact has not ended, the contractor continued to track impacts and discussed in Monthly Progress meetings. NBC09 was submitted to provide a time impact analysis of the lost man hours due to the pandemic. This item reflects schedule delay due to this general project impact.

**Item No. 9: CP042 – NBCs 11a, 20, 25, 27, 29, and 36**

***X – Covid 19 Pandemic Impacts for August and September 2021***

Over the course of several weeks on the project, several employees of the electrical subcontractor, T. Morales Company, contracted COVID-19. Work progressed as much as possible, but several days of lost production were realized on critical path items at the UV Disinfection System and Electrical Building 2 underslab duct banks. The contractor performed a Time Impact Analysis on their project schedule for the impact of this delay.

***Other Delays***

**Item No. 10: CP045 – Oncor Scheduling Delays**

***X – Other – Scheduling Delay***

The contractor requested power energization for Electrical Building Number 3 from Oncor Electric in a time period to allow for system startup testing of the project's new electrical building, Effluent Filters and UV Disinfection System. The contractor had to reschedule startup activities for all of these facilities due to delays in the getting Oncor scheduled to set the required electric meter. The contractor performed a Time Impact Analysis on their project schedule for the impact of this delay.

***Bypass Pumping Contingencies***

**Item No. 11: CP046 – Bypass Pumping for TCEQ Action Plan**

***X – Other – Redirected workflow***

Because the City of Pflugerville has received enforcement action from TCEQ related to the CWWTP, the design engineer and owner's representative team have developed a revised project delivery plan to allow the treatment of up to the new WWTP permit limit of 7.25 MGD prior to the full WWTP expansion project reaching substantial completion. The plan will require temporary pumping from the existing headworks structure to one of the new Biological Nutrient Removal treatment basins. This plan is being finalized for implementation and this item is to provide for the cost of the temporary pumping system.

**Item No. 12: CP047 – Bypass Pumping for SH 130 flows**

***X – Other – Redirected workflow***

New wastewater collection system projects are possible to be complete prior to the completion of the new CWWTP influent lift station and headworks. In the event the upstream projects come on line and provide flow to the SH-130 interceptor, a temporary pumping system will be utilized to transfer that flow to the existing plant headworks. The temporary system will be rental pumps that will be on standby order if needed.

***Credits***

**Item No. 13: CP049 – Oncor Allowance Credit**

***X – Other – Credit***

An Oncor allowance was included in the contract to allow for budget to bring power to the North and South electrical buildings on the plant. All of budget included in the allowance was not needed for this work. A credit is being processed for the remaining allowance remaining.

**Item No. 14: CP050 – Extra Work Item – Drilled Piers Credit**

***X – Other – Credit***

An extra work item for additional piers was included in the contract if extra length of additional piers was needed on the influent lift station and headworks facility. No additional length of piers was needed, and all of the piers have been installed on the contract. A credit is being processed for the remaining extra work allowance remaining.

Table 2 - Change Order Codes

D - Design Issue	Clarification of ambiguity in the design documents
F - Field Detailed Design	Scope of work not yet incorporated into the Tender Design Documents
R - Owner Request	Requested by authorized Owner personnel
S - Site Condition	Variation caused by unforeseen or unique site conditions
E - Field Enhancement	Variation which resulted in increased value to the Owner
X – Other	All other categories



<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>
<b>Change Proposal No.:</b> <u>CP0031</u> <b>Description:</b> <u>UV Finger Troughs Concrete Removal</u>			
<b>Specification:</b> <u>N/A</u>			
<b>Drawing No.:</b> <u>S-UV-1</u> <b>Detail Description:</b> <u>N/A</u>			
<b>Reference Document:</b>			
<input type="checkbox"/> Request for a Change Proposal No.: _____ <input checked="" type="checkbox"/> Request for Information No.: <u>110</u> <input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input type="checkbox"/> Field Order No.: _____			
<b>Contractor proposes the following modifications to the Contract Documents:</b>			
Remove Concrete from Finger Weir Troughs.			
<b>Purpose of Change Proposal:</b>			
Remove Concrete to allow appropriate flow through Weir Troughs.			
<b>Attachments:</b>			
<b>Requested Action:</b>			
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes			
<b>Basis of Compensation:</b>			
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01 <input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01			
<b>Required Documentation:</b>			
<input checked="" type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change <input type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times			
<b>Total Change Proposal Amount:</b> <u>\$ 3,751.65</u> <b>Adjustment in Contract Times (days):</b> <u>1</u>			

<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

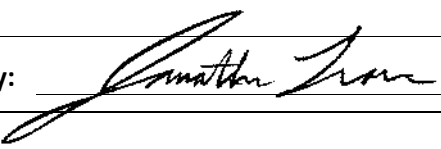
**Certified by:** Dennis Berger **Date:** 8/26/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/16/2021



April 27, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP031 UV Finger Troughs Concrete Changes

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the UV Finger Troughs Concrete Changes. BAR Constructors, Inc. requests an ADD to the contract amount of \$3,751.65 and a time extension of 1 calendar days. Below are those inclusions and exclusions associated with this work.

Inclusions:

- As stated in the provided quotes.
- All "Assumptions" as stated in provided quotes.

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.

BAR Constructors, Inc. - Cost Detail Worksheet

Job Name: Central WWTP Expansion Phase 1

Job # 279

Date: 4/23/2021

Proposal No. CP031

Labor	Rate	Unit	Quantity	UV Troughs Concrete Removal		Total
				Day 1	Day 2	
UV Troughs Concrete Removal						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal						\$ -
Payroll Taxes and Insurance (55%)						\$ -
<b>Total Labor</b>						<b>\$ -</b>

Non-Taxed Material	Rate	Unit	Quantity	UV Troughs Concrete Removal		Total
				Day 1	Day 2	
UV Troughs Concrete Removal						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal						\$ -

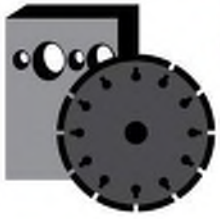
Taxed Material	Rate	Unit	Quantity	UV Troughs Concrete Removal		Total
						\$ -
						\$ -
Subtotal Taxed Material + 8.25%						\$ -

General Condition Material	Rate	Unit	Quantity	UV Troughs Concrete Removal		Total
Small Tools 5% labor						\$ -
<b>Total Material</b>						<b>\$ -</b>

Equipment	Rate	Unit	Quantity	UV Troughs Concrete Removal		Total
UV Troughs Concrete Removal						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal						\$ -
Fuel, Oil, Grease & Maintenance (40% fo Equipment)						\$ -
Tax @ 8.25%						\$ -
<b>Total Equipment</b>						<b>\$ -</b>

Subcontractor	Rate	Unit	Quantity	UV Troughs Concrete Removal		Total
A1 Coring	\$ 3,478.00	LS	1			\$ 3,478.00
						\$ -
						\$ -
						\$ -
						\$ -
<b>Total Subcontractor</b>						<b>\$ 3,478.00</b>

Totals	Labor	Subcontractor	Material	Equipment	Total
Totals	\$ -	\$ 3,478.00	\$ -	\$ -	\$ 3,478.00
Insurance (1.8%)					\$ 62.60
Overhead and Profit (5% for subs)					\$ 173.90
Overhead and Profit (15% Self Performed Work)					
Subtotal					\$ 3,714.50
Bond @ 1%					\$ 37.15
<b>Total</b>					<b>\$ 3,751.65</b>



**A-1 Coring, Inc.**  
**Concrete Cutting &  
Scanning Specialist**

610 W. FRONT ST., STE 100  
HUTTO, TX 78634  
PH. 512-251-0292  
FAX 512-846-2536  
EMAIL: candice@a1coring.net

Page 1 of 2

April 20, 2021

To: Trevor Wolfe  
BAR Constructors

Re: WWTP Pflugerville  
15500 Sunlight Near Way  
Pflugerville, TX

A-1 Coring, Inc. proposes to furnish labor, material and equipment for the above listed project.

**SCOPE OF WORK: SAWCUT WIER OPENINGS - CUT, RIG, REMOVE & HAUL-OFF**

**2. SAWCUT (4) 3'2" T X 12" W OPENING IN 14" CONCRETE WALL**

- NO OVERCUTS
- REINFORCED W/ #5 REBAR @ 12" CENTERS
- ANGLE IRON & HANGERS TO BE REMOVED PRIOR TO OUR ARRIVAL
- VACUUMING & HAULING SLURRY INCLUDED
- RIG, REMOVE & HAUL-OFF CONCRETE DEBRIS INCLUDED
- SKYTRAK OR FORKLIFT SUPPLIED BY OTHERS

**TOTAL PRICE: \$3,478.00 (PLUS SALES TAX, IF APPLICABLE)**

~~PLEASE NOTE PAYMENT POLICY: NET 30 ON CURRENT APPROVED OPEN ACCOUNTS  
ALL OTHERS PAYMENT UPON COMPLETION.~~



**A-1 Coring, Inc.**  
**Concrete Cutting &  
Scanning Specialist**

610 W. FRONT ST., STE 100  
HUTTO, TX 78634  
PH. 512-251-0292  
FAX 512-846-2536  
EMAIL: candice@a1coring.net

**EXCLUSIONS:**

- LAYOUT
- STANDBY; IF OCCURS, WILL BE BILLED AT \$150.00 PER HOUR PER TWO-MAN CREW
- PERMITS, FEES, & TAXES
- REMOVAL OR HANDLING OF ANY HAZARDOUS MATERIALS
- LOCATE, CAP OR PROTECT ANY UNDERLYING UTILITIES
- CLEANING & PREPARATION OF SURFACES
- CLEANING OF SURFACES DUE TO SAWING OR DRILLING
- BARRICADES, PROTECTION OR PROTECTIVE COVERS
- REMOVAL OF ANY FOOTINGS, BEAMS OR ATTACHED SLAB

**PRICE BASED ON:**

- NORMAL WORKING HOURS
- ONE CONTINUOUS MOBILIZATION FOR SAWCUTTING, EACH ADD'L MOBILIZATION SUBJECT TO \$850.00 MINIMUM CHARGE

Accepted By: \_\_\_\_\_

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

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

Sincerely,

Candice Gist

<b>Project:</b> <u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b> _____
<b>Owner:</b> <u>City of Pflugerville</u>	<u>88</u>
<b>Contractor:</b> <u>BAR Constructors, Inc</u>	<u>279</u>
<b>Engineer:</b> <u>Freese and Nichols, Inc.</u>	<u>PFL16607</u>

**RFI No.:** 110      **Description:** Finger Weirs at UV

**Specification:** 44 42 66.13

**Drawing No.:** S-UV-2      **Detail Description:** Finger Weirs at UV

**Information Requested:**

BAR is requesting further information for the finger weirs. It is BARs understanding that it was the engineer’s intention to have concrete block outs for where the finger weirs sit. This what not depicted on the mechanical or structural drawings for the UV. Due to this, BAR poured a wall all the way through each channel. Do note that SD0083B, SD0199A, SD0013B were approved and no note was made that the finger weirs needed to have a block out for water to run through them. See attached sheets.

Engineers to advise if the intention for the finger weirs was to have a block out. Any costs associated with this repair will be reflected in a CO.

**Submitted by:** Trevor Wolfe      **Date:** 4/08/2021

**Response:** Per Engineer:  
See attached response.

**Response by:** Michael Beck      **Date:** 4/12/2021



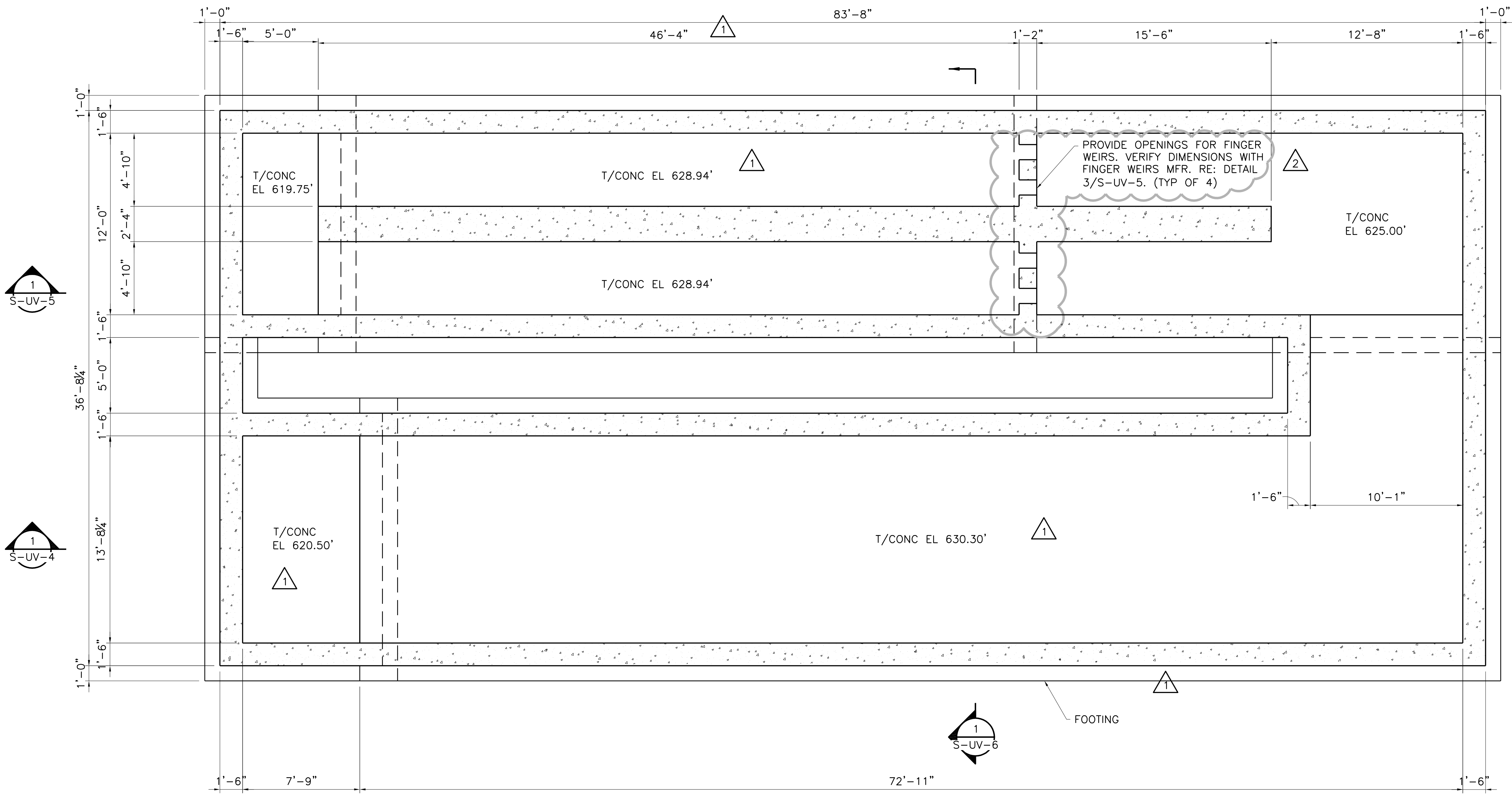
Request For Information

<b>PROJECT</b>	Central Wastewater Treatment Plant Expansion- Phase 1	<b>PROJECT NUMBER</b>	
<b>OWNER</b>	City of Pflugerville	88	
<b>BUILDER</b>	BAR Constructors, Inc.	279	
<b>DESIGNER</b>	Freese and Nichols, Inc.	PFL16607	
<b>CM</b>	Plus Six Engineering		
<b>RFI No.</b>	RFI-110	<b>Builder Submittal No.</b>	
<b>Specification</b>	44 42 66.13		
<b>Drawing / Detail</b>	S-UV-2		
<b>Builder Requests: Information for the items described below or in the attached material referenced below:</b>			
	See attached		
<b>Builder's Proposed Solution:</b>			
<b>Attachment</b>	RFI-110-FingerWeirsatUV-Chris Callahan-Pending.pdf		
<b>Requested By</b>	Chris Callahan	<b>Date</b>	04-08-2021
<b>Response: Information for the items described above or in the attached material referenced:</b>			
	See attached response.		
<b>Status</b>	Filed as Received		
<b>Action</b>	Final Distribution		
<b>Attachments</b>	RFI-110-FingerWeirsatUV-Chris Callahan-Filed as Received.pdf RFI-110-FingerWeirsatUV-Chris Callahan-Pending.pdf		
<b>Response By</b>	Chris Callahan	<b>Date</b>	04-12-2021



Page Left  
Intentionally  
Blank

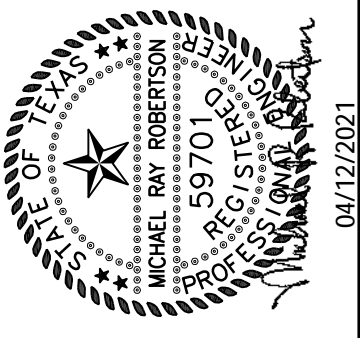
ACAD: Rel: 23.0s (LMS Tech)  
 Filename: N:\ST\ST-UVB-PL-FNDN.dwg  
 Last Saved: 4/12/2021 12:19 PM Saved By: 02633



  FOUNDATION PLAN EL 630.50'  
 1/4" = 1'-0"

0 1' 2' 4' 8'  
 1/4" = 1'-0"

Freese and Nichols, Inc.  
 Texas Registered Engineering Firm F-2144



**FREES & NICHOLS**  
 10431 Morado Circle, Suite 300  
 Austin, Texas 78759  
 Phone - (512) 617-3100  
 Fax - (512) 617-3101

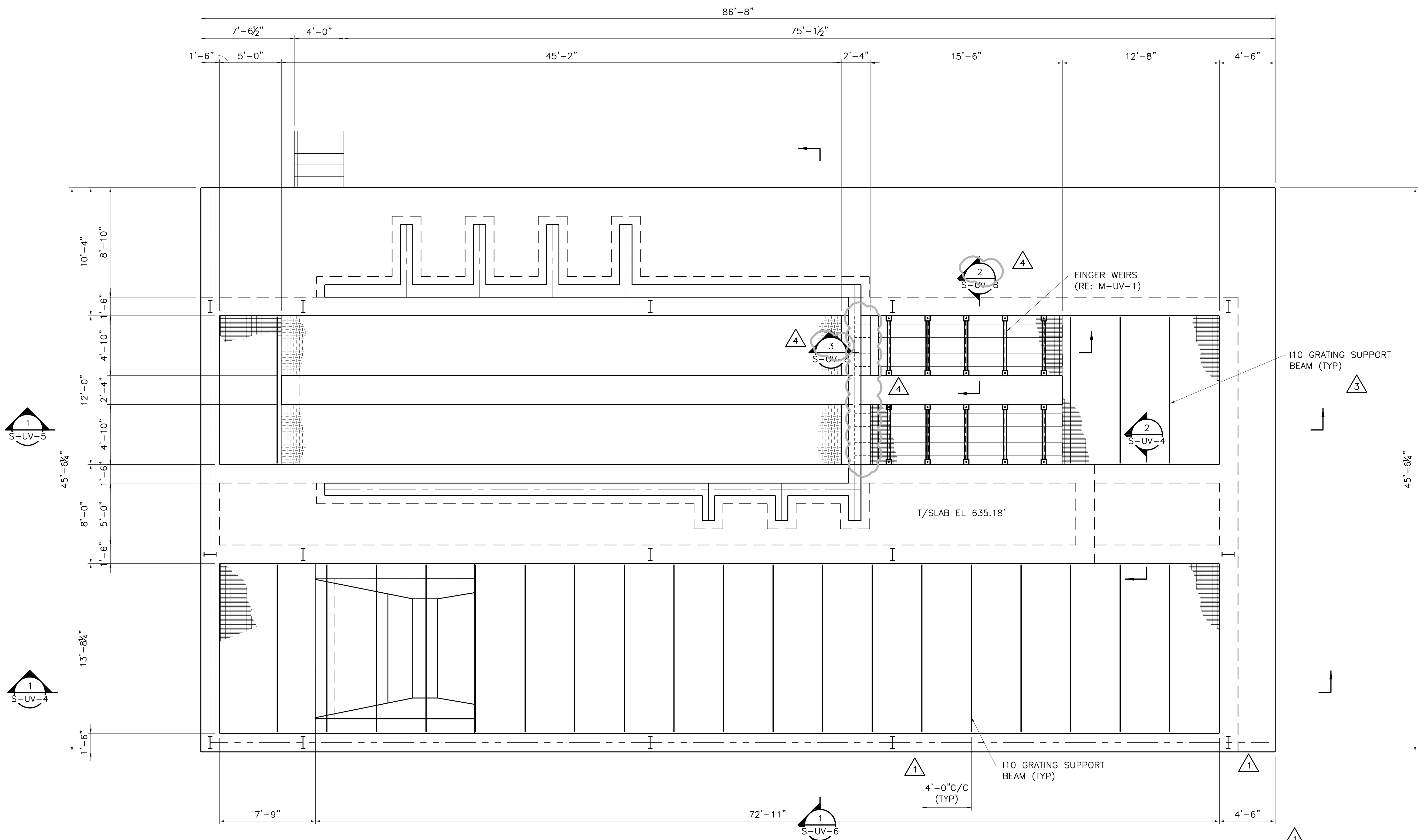
CITY OF PFLUGERVILLE  
**CENTRAL WWTB EXPANSION**  
**PHASE I IMPROVEMENTS**  
 STRUCTURAL  
**UV DISINFECTION BASIN & SYSTEM**  
**FOUNDATION PLAN**

NO.	ISSUE	BY	DATE	TRAN JOB NO.
				PFL16607
				DATE 07/17/19
				DESIGNED MFR
				DRAWN JLM
				REVISION
				DATE 04/12/21
				DRAWN MRR
				CHECKED AD
				FILE NAME
				ST-UVB-PL-FNDN.dwg
				ITEM NO. 3
				REVISION
				DATE 02/10/20
				DRAWN MRR
				CHECKED AD
				FILE NAME
				ST-UVB-PL-FNDN.dwg

SHEET  
**S-UV-1**  
 SEQ. 181

ISSUED FOR BID

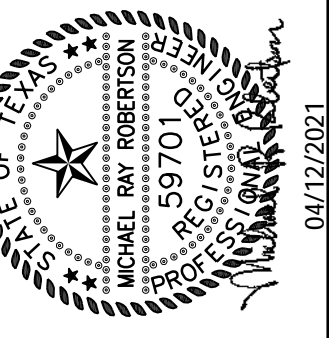
ACAD: Rel: 23.0s (LMS Tech)  
 Filename: N:\ST\ST-UVB-PL-TOPP.dwg  
 Last Saved: 4/9/2021 3:48 PM Saved By: 02633



TOP PLAN  
 1/4" = 1'-0"

0 1' 2' 4' 8'  
 1/4" = 1'-0"

Freese and Nichols, Inc.  
 Texas Registered Engineering Firm F-2144



**FREES & NICHOLS**  
 10431 Morado Circle, Suite 300  
 Austin, Texas 78759  
 Phone - (512) 617-3100  
 Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
 CENTRAL WWTB EXPANSION  
 PHASE I IMPROVEMENTS  
 STRUCTURAL  
 UV DISINFECTION BASIN & SYSTEM  
 TOP PLAN

NO.	ISSUE	BY	DATE	REV. NO.	DATE	DESCRIPTION	FILE NAME
1	RFP NO. 110	MRR	04/12/21	1	07/17/19	DESIGNED	PFL16607
2	RCP NO. 1 - ITEM NO. 3	MRR	02/10/20	1	07/17/19	DESIGNED	MRR
3	ISSUED FOR CONSTRUCTION	MRR	11/04/19	1	07/17/19	DRAWN	JLM
4	ADDENDUM NO. 2	MRR	09/04/19	1	07/17/19	REVISED	AD

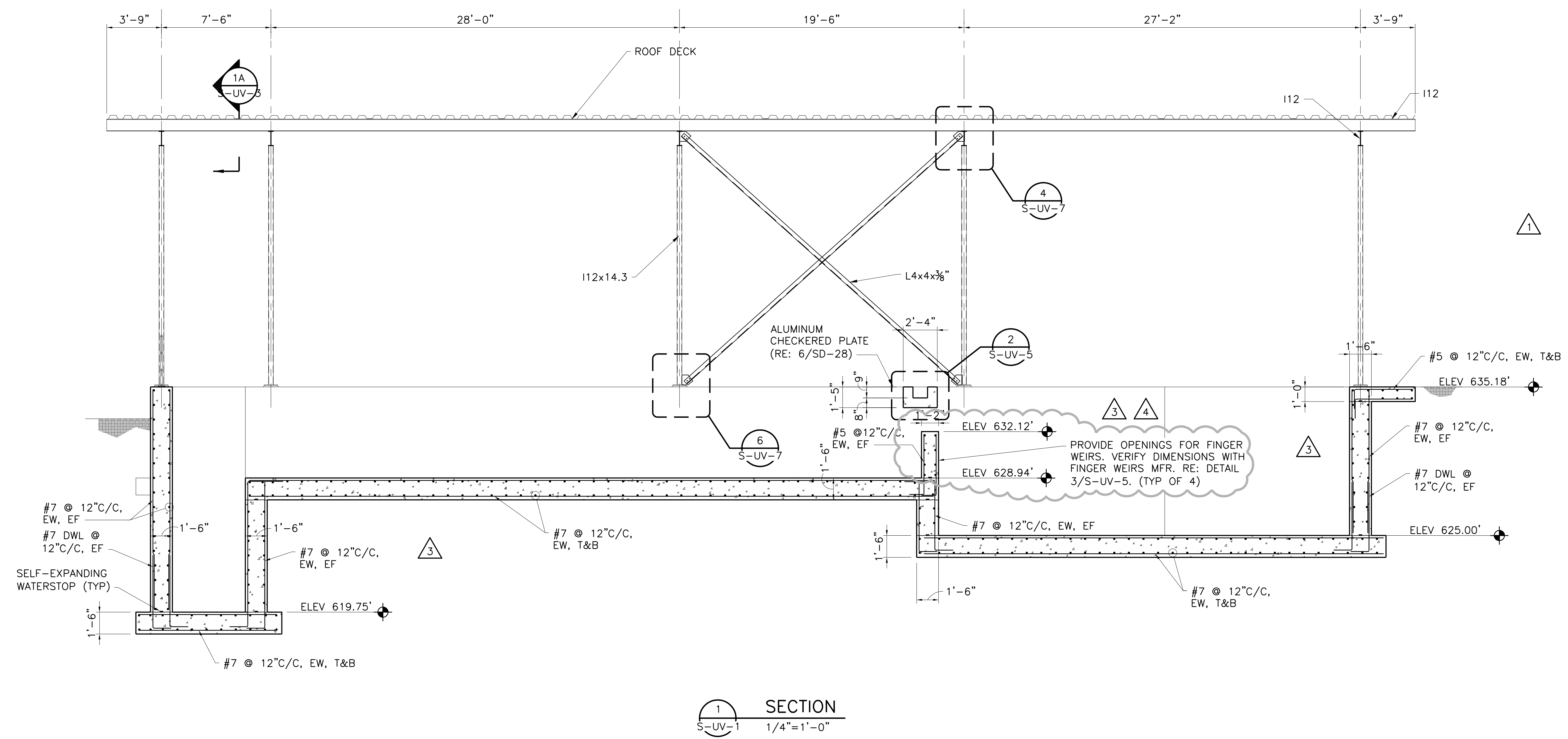
Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.

SHEET S-UV-2

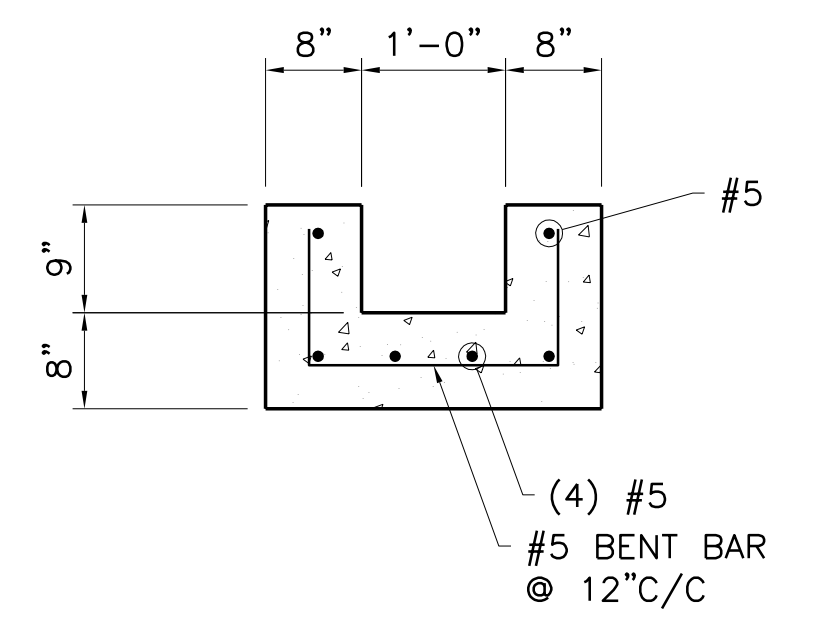
SEQ. 182

ISSUED FOR BID

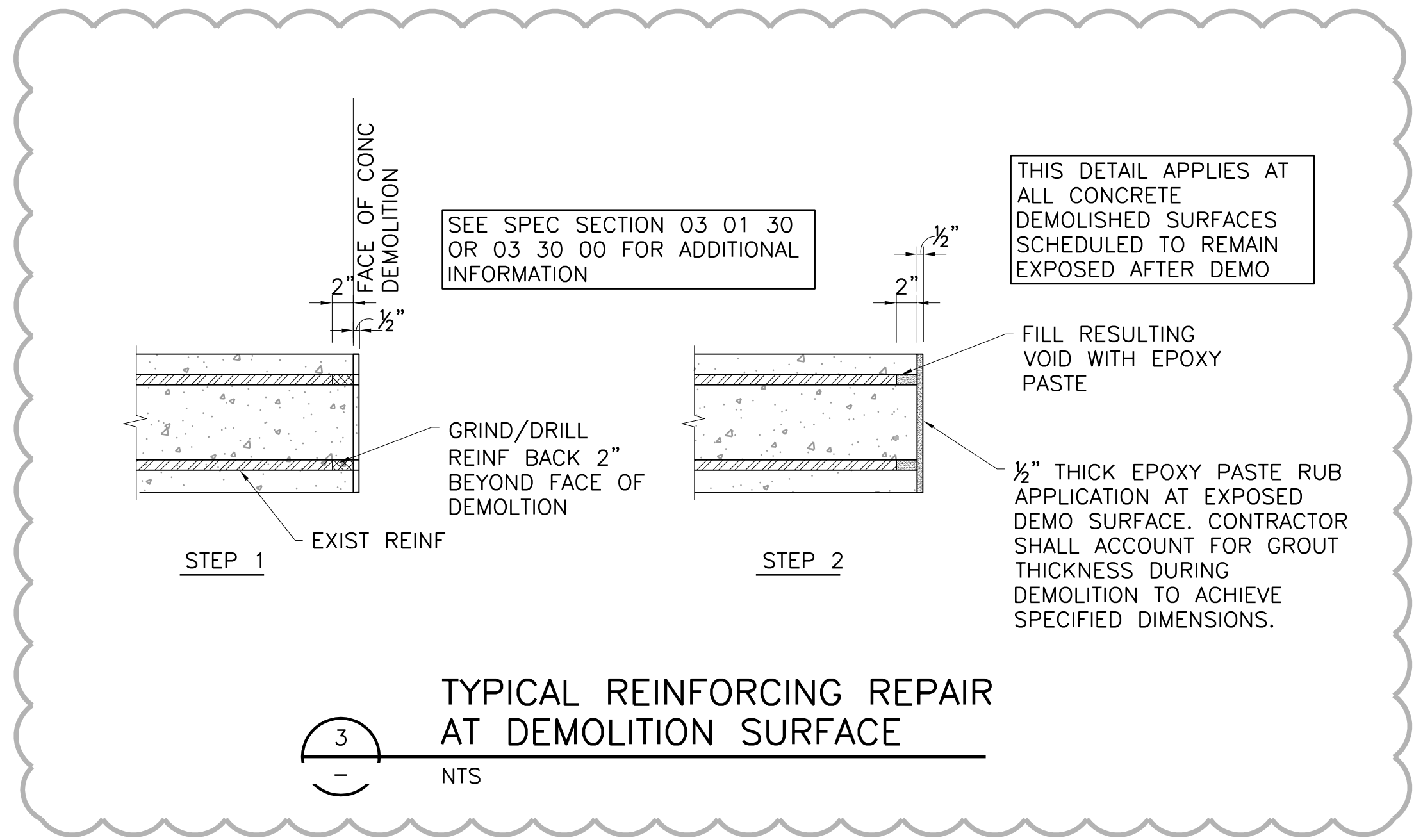
ACAD File: 23.0s (LMS Tech)  
 Filename: N:\ST\ST-UVB-SC-CONC02.dwg  
 Last Saved: 4/9/2021 4:48 PM Saved By: 02633



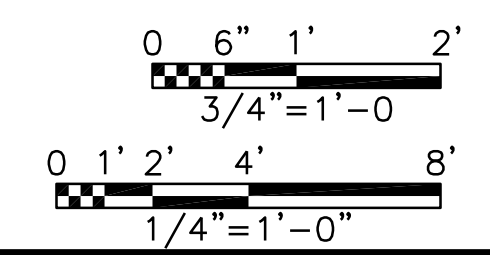
SECTION  
 S-UV-1 1/4"=1'-0"



SECTION  
 S-UV-5 3/4"=1'-0"



TYPICAL REINFORCING REPAIR  
 AT DEMOLITION SURFACE  
 NTS



ISSUED FOR BID

Freese and Nichols, Inc.  
 Texas Registered Engineering Firm F-2144

**FREESE AND NICHOLS**  
 10431 Morado Circle, Suite 300  
 Austin, Texas 78759  
 Phone - (512) 617-3100  
 Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
**CENTRAL WWT EXPANSION  
 PHASE I IMPROVEMENTS**  
 STRUCTURAL  
**UV DISINFECTION BASIN  
 SECTION**

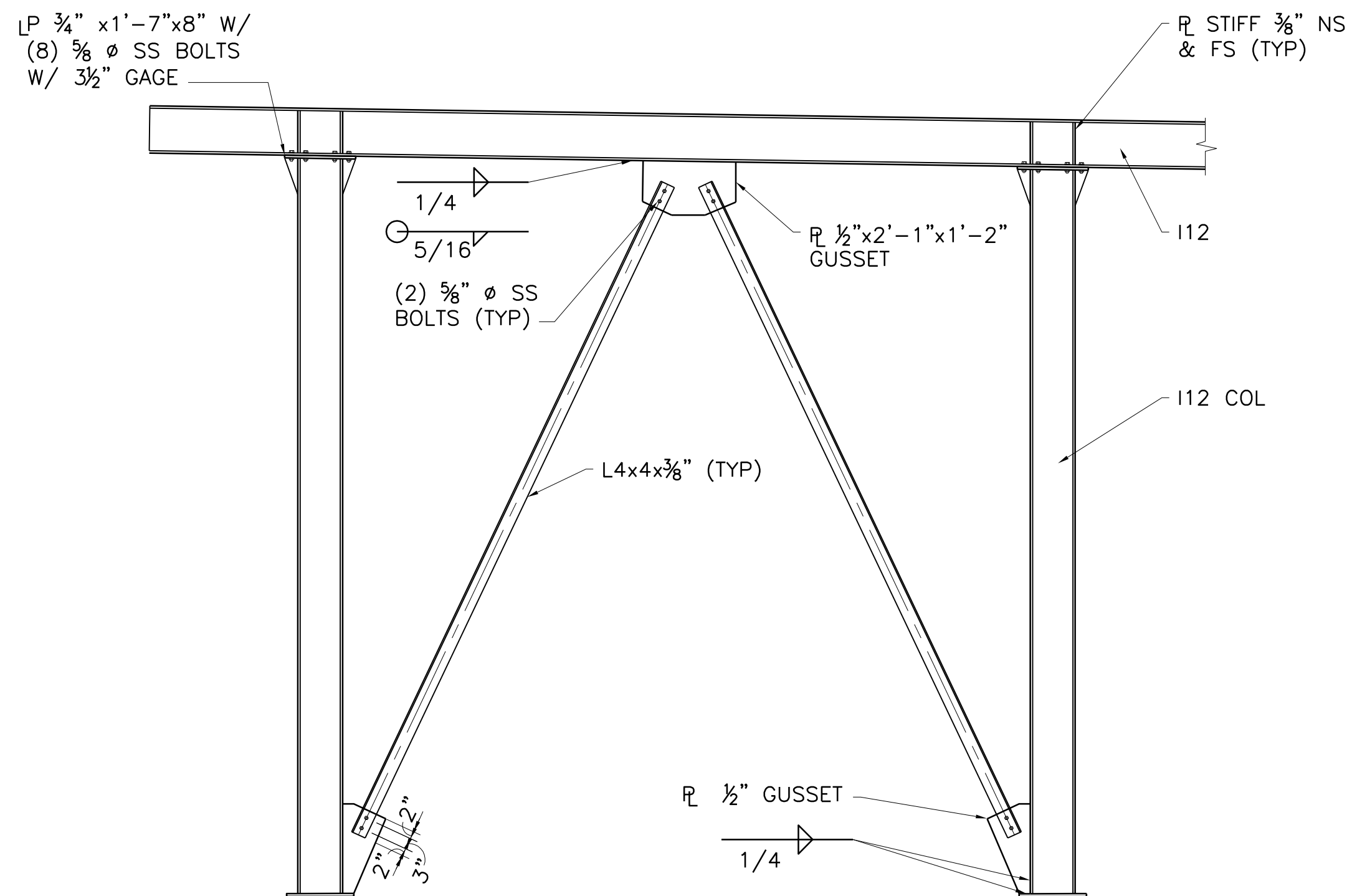
NO.	ISSUE	DATE	BY	DATE	BY	DATE	BY	DATE	BY
1	ISSUED FOR CONSTRUCTION	02/10/20	MRR	04/12/21	MRR	07/17/19	PFL16607		
2	ADDENDUM NO. 2	11/04/19	MRR	09/04/19	MRR	07/17/19	PFL16607		
3	ISSUED FOR CONSTRUCTION	02/10/20	MRR	04/12/21	MRR	07/17/19	PFL16607		
4	ISSUED FOR CONSTRUCTION	02/10/20	MRR	04/12/21	MRR	07/17/19	PFL16607		

Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.

NO. 110  
 RCP NO. 1 - ITEM NO. 3  
 ISSUED FOR CONSTRUCTION  
 ADDENDUM NO. 2

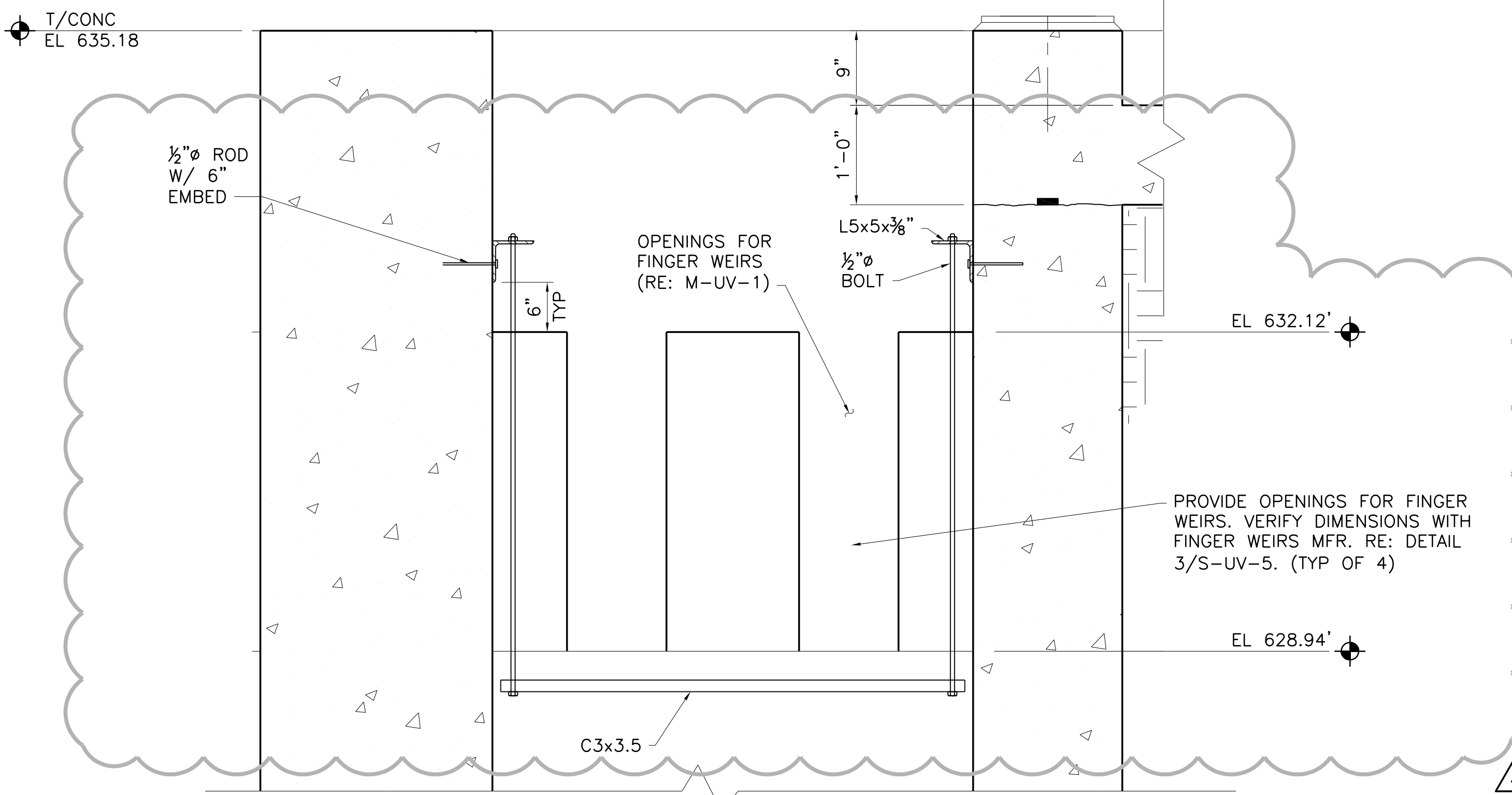
SHEET  
**S-UV-5**

SEQ. 185

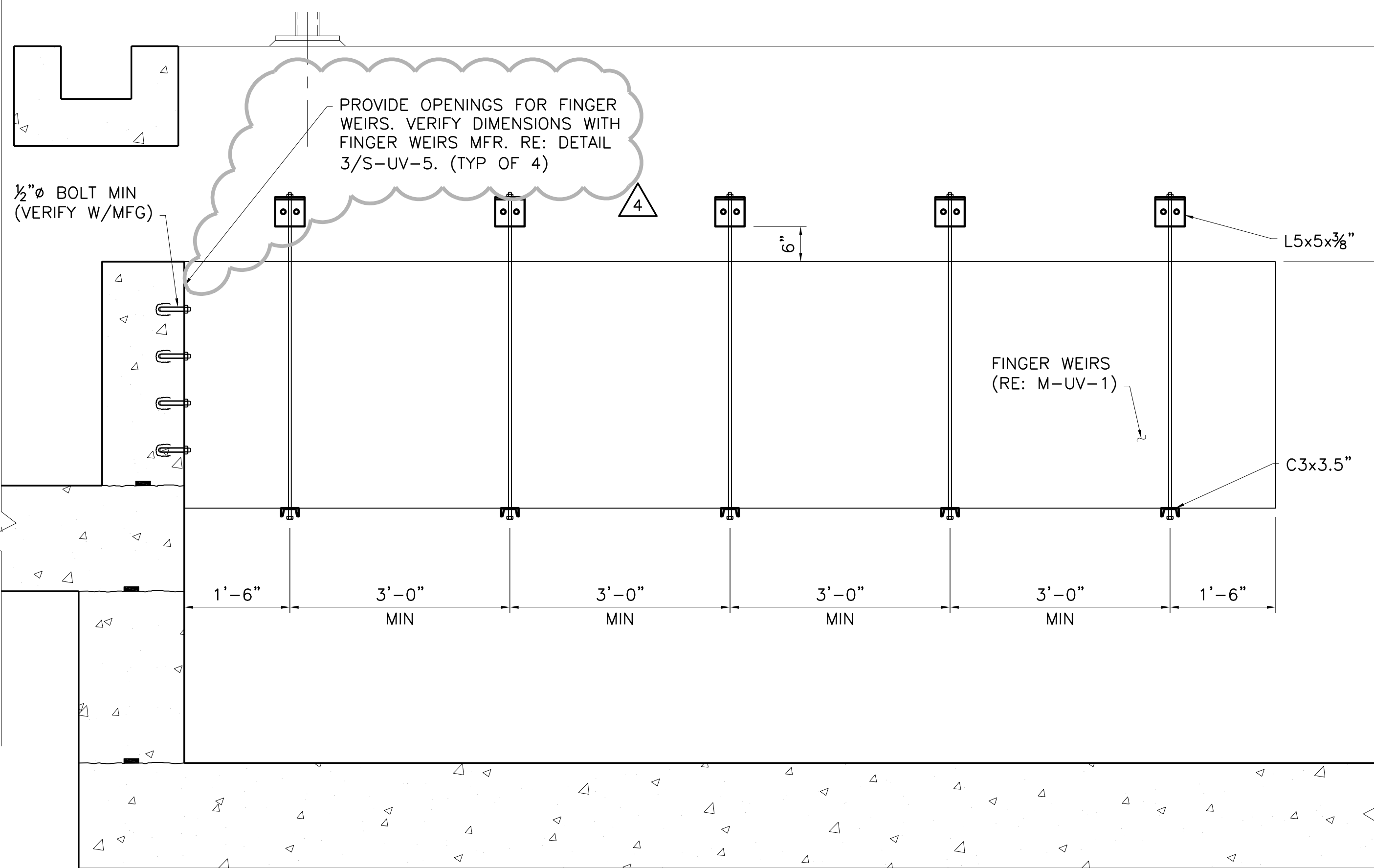


DETAIL NOTES:  
1. PURLINS AND DECK NOT SHOWN.

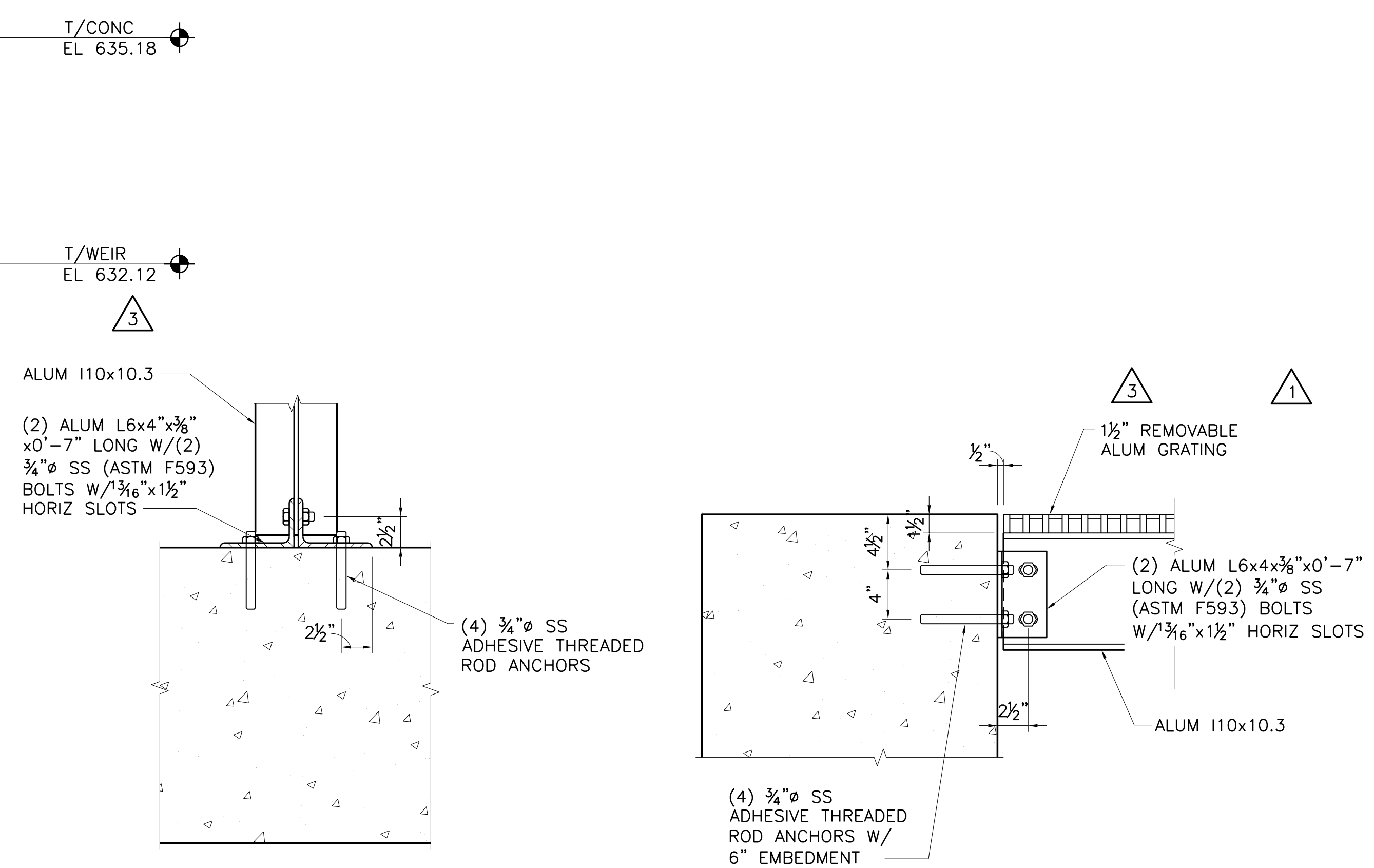
1 CHEVRON BRACE SECTION  
S-UV-2 3/8"=1'-0"



2 SECTION  
S-UV-2 1"=1'-0"



3 SECTION  
S-UV-2 3/4"=1'-0"



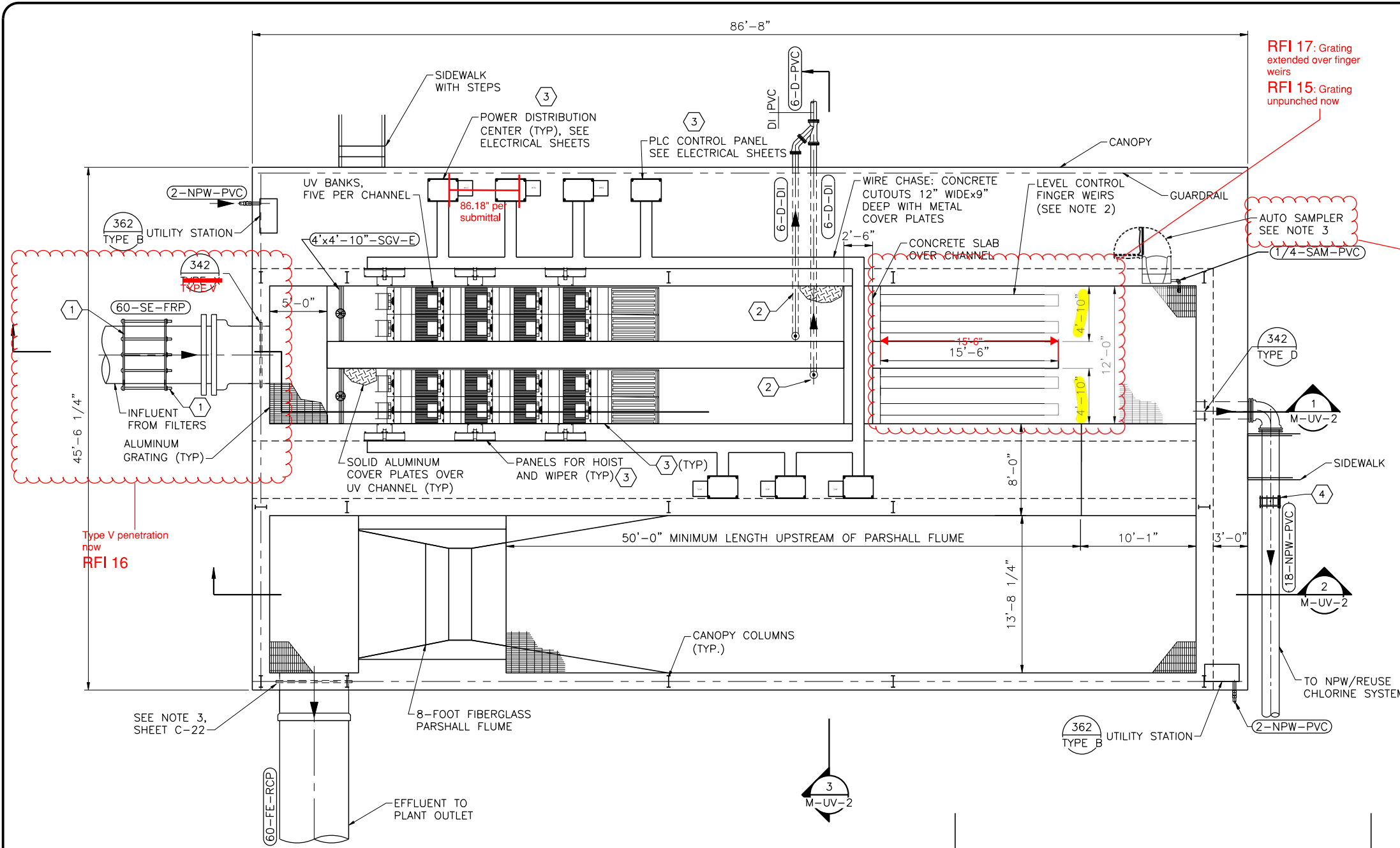
4 ALUMINUM GRATING  
SUPPORT BEAM PLAN  
1 1/2"=1'-0"

5 ALUMINUM GRATING  
SUPPORT BEAM SECTION  
1 1/2"=1'-0"

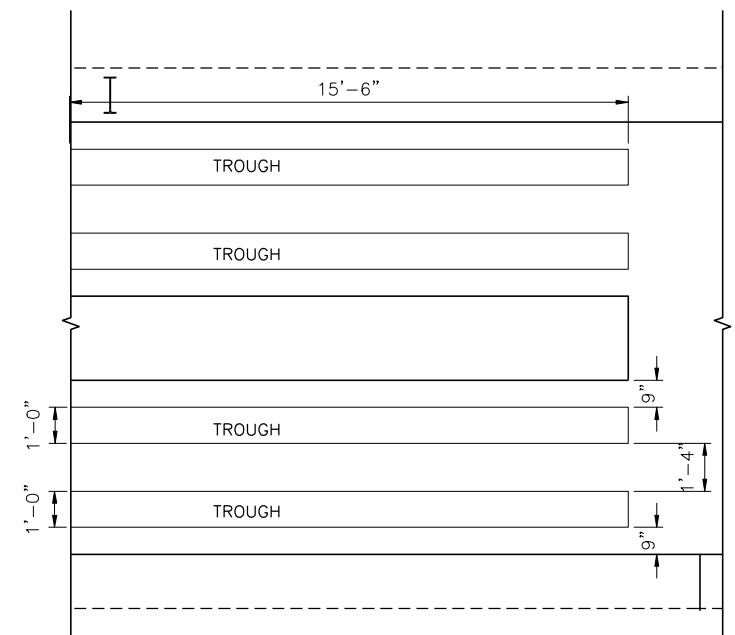
NO.	ISSUE	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY
1	ISSUED FOR CONSTRUCTION	02/10/20	MRR	07/17/19	PFL	04/12/21	MRR	11/04/19	JLM	09/04/19	AD
2	ADDENDUM NO. 2	11/04/19	MRR	07/17/19	PFL	04/12/21	MRR	11/04/19	JLM	09/04/19	AD
3	ISSUED FOR CONSTRUCTION	02/10/20	MRR	07/17/19	PFL	04/12/21	MRR	11/04/19	JLM	09/04/19	AD
4	ISSUED FOR CONSTRUCTION	02/10/20	MRR	07/17/19	PFL	04/12/21	MRR	11/04/19	JLM	09/04/19	AD
5	ISSUED FOR CONSTRUCTION	02/10/20	MRR	07/17/19	PFL	04/12/21	MRR	11/04/19	JLM	09/04/19	AD

Alleged location where  
block outs were suppose  
to be



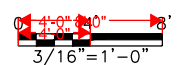


1 NORTH M-UV-1 UV/EFFLUENT STRUCTURE 3/16"=1'-0"



- GENERAL NOTES:**
- REFER TO SPECIFICATION SECTION 01 35 00 FOR SPECIAL PROCEDURES AND CONSTRUCTION SEQUENCING.
  - FIBERGLASS FIXED LEVEL CONTROL FINGER WEIRS TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATION. MINIMUM LENGTH OF WEIR SHALL BE 64 FEET PER CHANNEL.
  - CONTRACTOR TO PROVIDE HACH MODEL NO. AS950 ALL WEATHER REFRIGERATED SAMPLERS OR EQUAL. CONTRACTOR TO FIELD ROUTE 1/4" ID INTAKE TUBING (PTFE-LINED POLYETHYLENE WITH PROTECTIVE OUTER COVER). AUTOSAMPLER TO BE PROVIDED WITH 24 1-L POLYETHYLENE SAMPLER CONTAINERS.
  - COORDINATE CONSTRUCTION OF UV CHANNELS WITH UV SUPPLIER AND INSTALL UV SYSTEM PER SUPPLIER RECOMMENDATION.

- NOTES BY SYMBOLS "○"**
- 1 60" FIBER WOUND COUPLING
  - 2 MUD VALVE, RE: 378 (TYP 2)
  - 3 PROVIDED BY UV EQUIPMENT MANUFACTURER
  - 4 18" FLEXIBLE COUPLING



ISSUED FOR CONSTRUCTION ON 11/04/19

Freese and Nichols, Inc. Texas Registered Engineering Firm F-2144

**FREES & NICHOLS**

10431 Morado Circle, Suite 300 Austin, Texas 78759 Phone - (512) 617-3100 Fax - (512) 617-3101

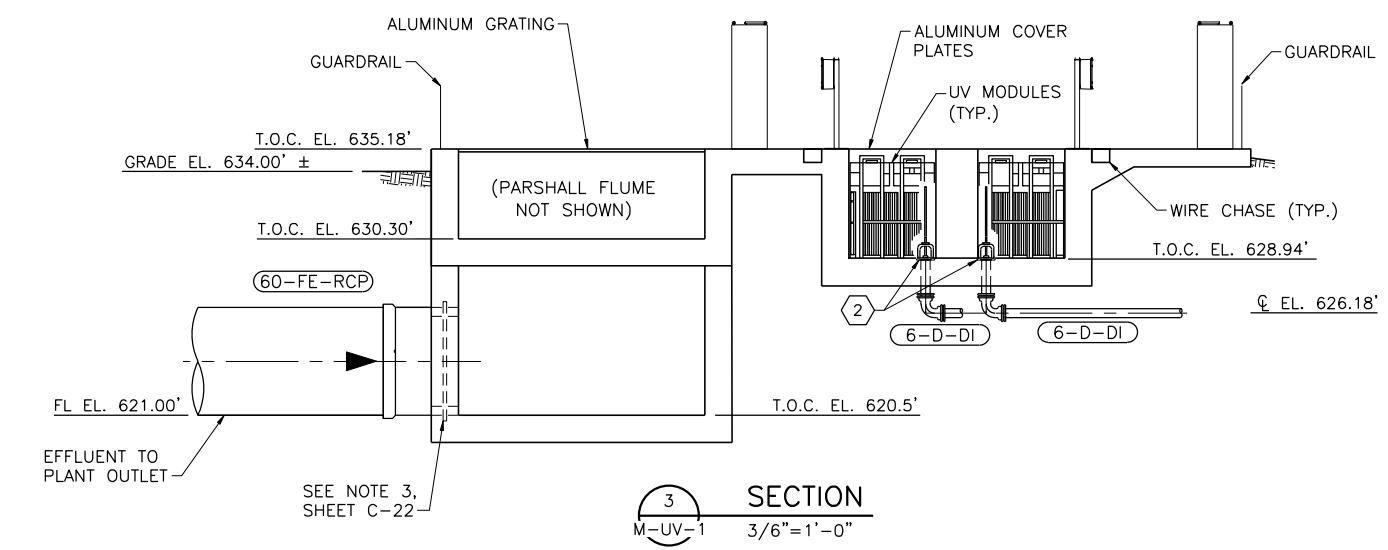
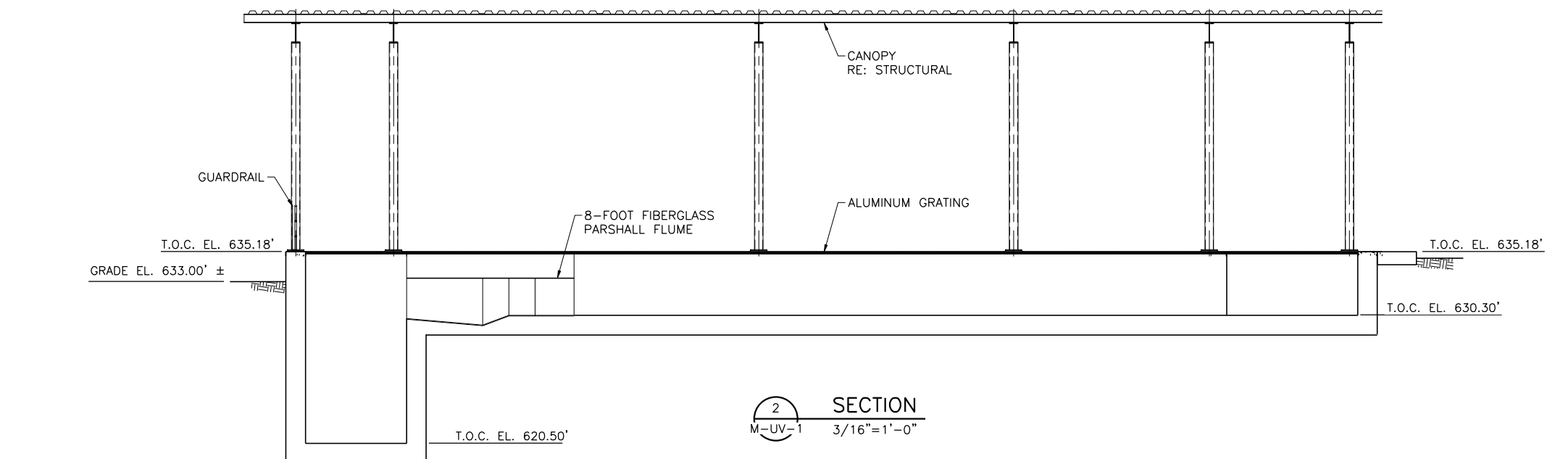
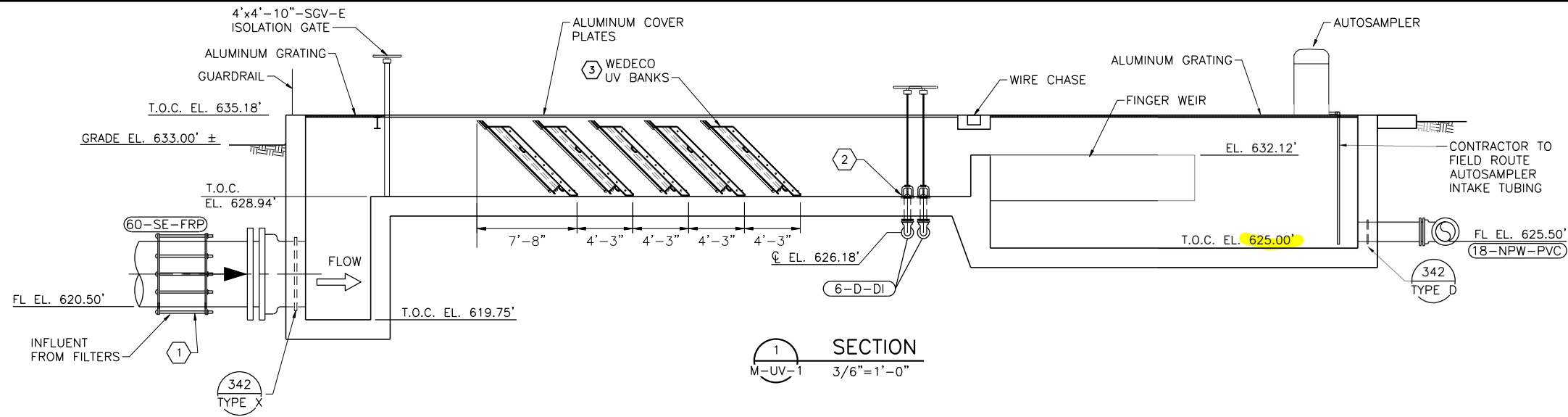
CITY OF PFLUGERVILLE  
CENTRAL WWTP EXPANSION  
PHASE I IMPROVEMENTS  
MECHANICAL  
UV DISINFECTION PLAN

NO.	ISSUE	BY	DATE	DESIGNED	DRAWN	REVISION	CHECKED
1	ISSUED FOR CONSTRUCTION	KAI	11/4/19	KAI	MCA		
2	VERIFY SCALE						
3	Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.						

FILE NAME: WW-UV-PL.dwg

SHEET: M-UV-1

SEQ.: 179



- GENERAL NOTES:**
- REFER TO SPECIFICATION SECTION 01 35 00 FOR SPECIAL PROCEDURES AND CONSTRUCTION SEQUENCING.
  - REFER TO SPECIFICATION SECTION 40 05 50 FOR MORE INFORMATION ON FABRICATED GATES.

- NOTES BY SYMBOLS "⬡"**
- ⬡ 60" FLEXIBLE COUPLING
  - ⬡ MUD VALVE. RE: DTL. 378 (TYP 2)
  - ⬡ PROVIDED BY UV EQUIPMENT MANUFACTURER

ISSUED FOR CONSTRUCTION ON 11/04/19

Freese and Nichols, Inc.  
Texas Registered Engineering Firm F-2144

KIRA A. ILES  
123585  
PROFESSIONAL ENGINEER  
08-07-2019

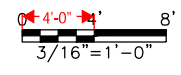
**FREES & NICHOLS**  
10431 Morado Circle, Suite 300  
Austin, Texas 78759  
Phone - (512) 617-3100  
Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
**CENTRAL WWTW EXPANSION  
PHASE I IMPROVEMENTS**  
MECHANICAL  
**UV DISINFECTION SECTION**

NO.	ISSUE	BY	DATE	DATE	DESIGNED	DRAWN	CHECKED	FILE NAME
				07/17/19	KAI			WW-UV-PL.dwg

VERIFY SCALE  
Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.

SHEET **M-UV-2**  
SEQ. 180



ACAD Ref: 21.0s (LMS Tech)  
Filename: N:\WW\WW-UV-PL.dwg  
Last Saved: 7/31/2019 11:04 AM  
Saved By: 90119





ISSUED FOR CONSTRUCTION  
ON 11/17/19

Freese and Nichols, Inc.  
Texas Registered Engineering Firm F-2144

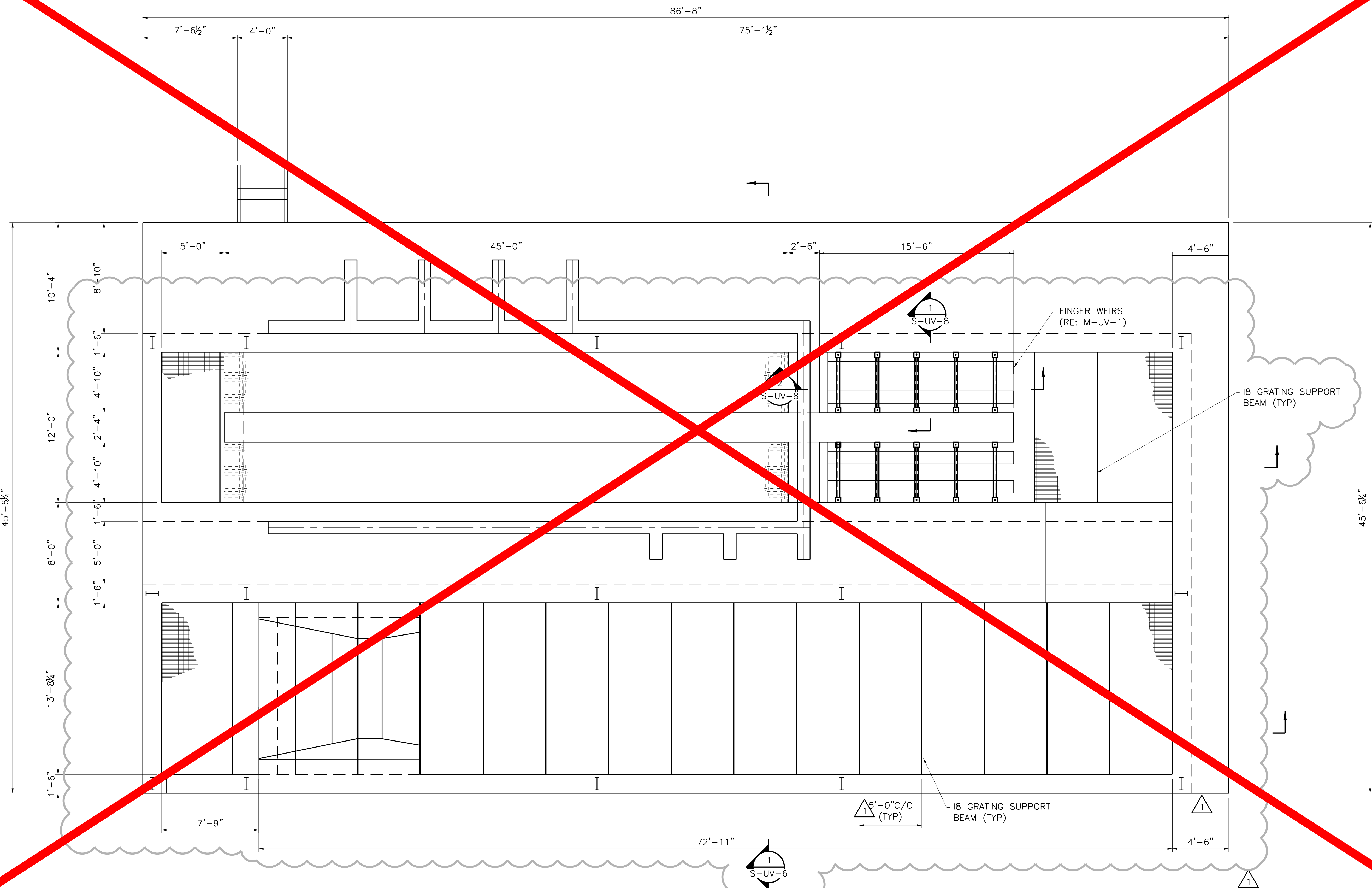


**FREES & NICHOLS**  
10431 Morado Circle, Suite 300  
Austin, Texas 78759  
Phone - (512) 617-3100  
Fax - (512) 617-3101

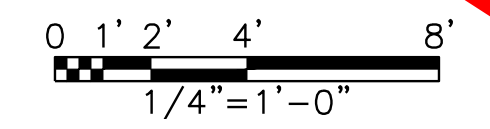
CITY OF PFLUGERVILLE  
**CENTRAL WWTB EXPANSION  
PHASE I IMPROVEMENTS**  
STRUCTURAL  
**UV DISINFECTION BASIN & SYSTEM  
TOP PLAN**

BY	DATE	DESIGNED	MFR	DESIGNED	MFR	DESIGNED	MFR	DESIGNED	MFR
ADDENDUM NO. 2									
Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.									

SEQ. 182



**TOP PLAN**  
1/4" = 1'-0"



ALAU Rel: 21.us (LMS tech)  
Filename: N:\ST\ST-UVB-PL-TOPP.dwg  
Last Saved: 9/4/2019 11:34 AM Saved By: 02856

ISSUED FOR CONSTRUCTION  
ON 11/17/19

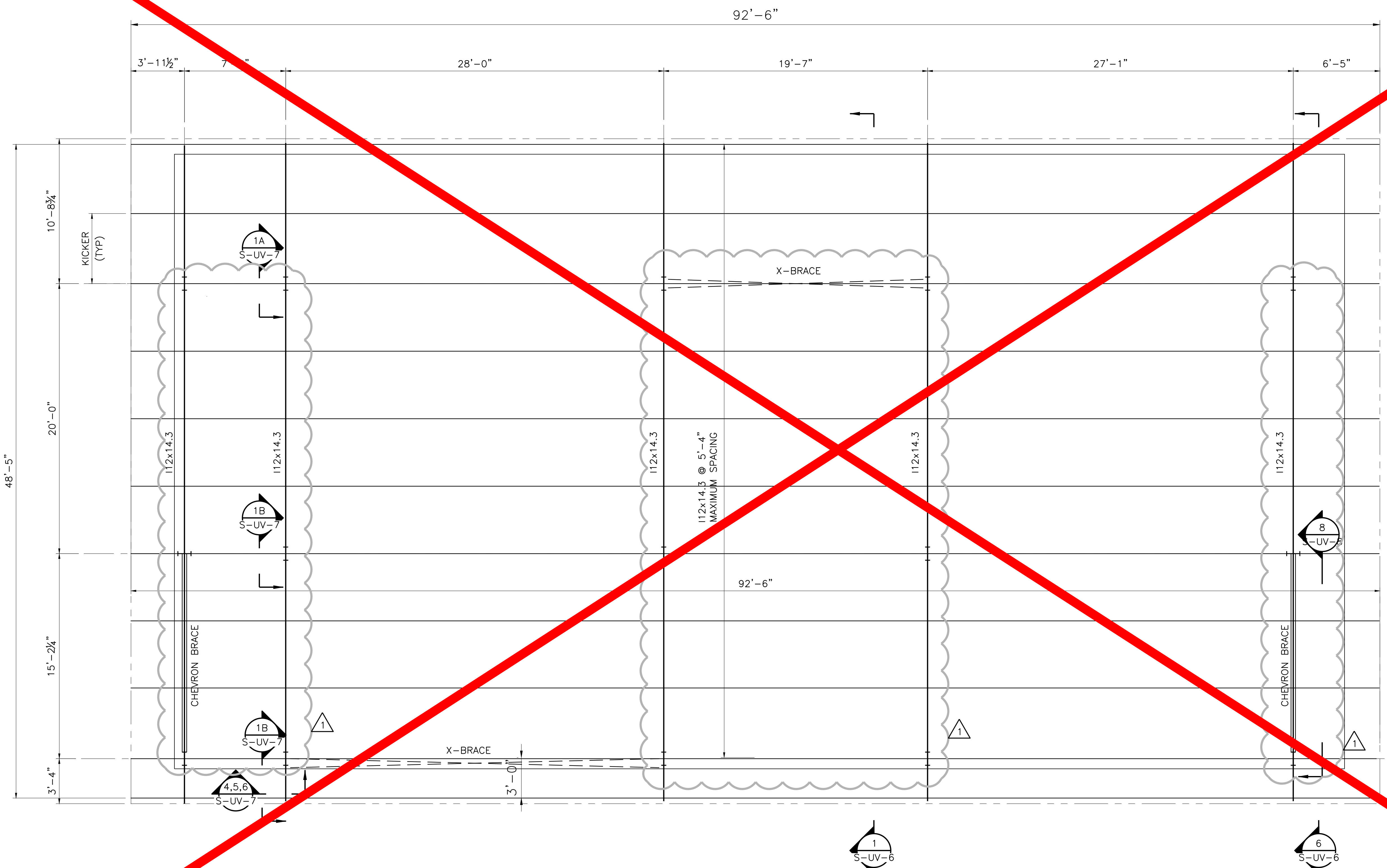
Freese and Nichols, Inc.  
Texas Registered Engineering Firm F-2144



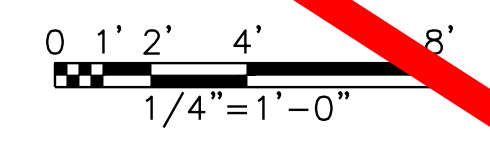
**FREES & NICHOLS**  
10431 Morado Circle, Suite 300  
Austin, Texas 78759  
Phone - (512) 617-3100  
Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
CENTRAL WWTG EXPANSION  
PHASE I IMPROVEMENTS  
STRUCTURAL  
UV DISINFECTION BASIN  
CANOPY FRAMING PLAN

ISSUE	BY	DATE	TEAM JOB NO.	PFL16607
		07/17/19	DESIGNED	MFR
			DRAWN	JLM
		09/04/19	REVISED	
			CHECKED	AD
			FILE NAME	ST-UVB-PL-FRMG.dwg
ADDENDUM NO. 2				
Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.				
VERIFY SCALE				
0				
SHEET	S-UV-3			
SEQ.	183			



CANOPY FRAMING PLAN  
1/4" = 1'-0"



ALAU Ref: 21.us (LMS Tech)  
Filename: N:\ST\ST-UVB-PL-FRMG.dwg  
Last Saved: 9/4/2019 11:34 AM Saved By: 02856

.....)5217 67(  
+8772 7;...  
3\* .....  
|05, FDOGLFHD FRUJQUJHW

3 D J HR I

\$ SUO

7R 7UHRU: RCH  
%S & ROWNFRUW

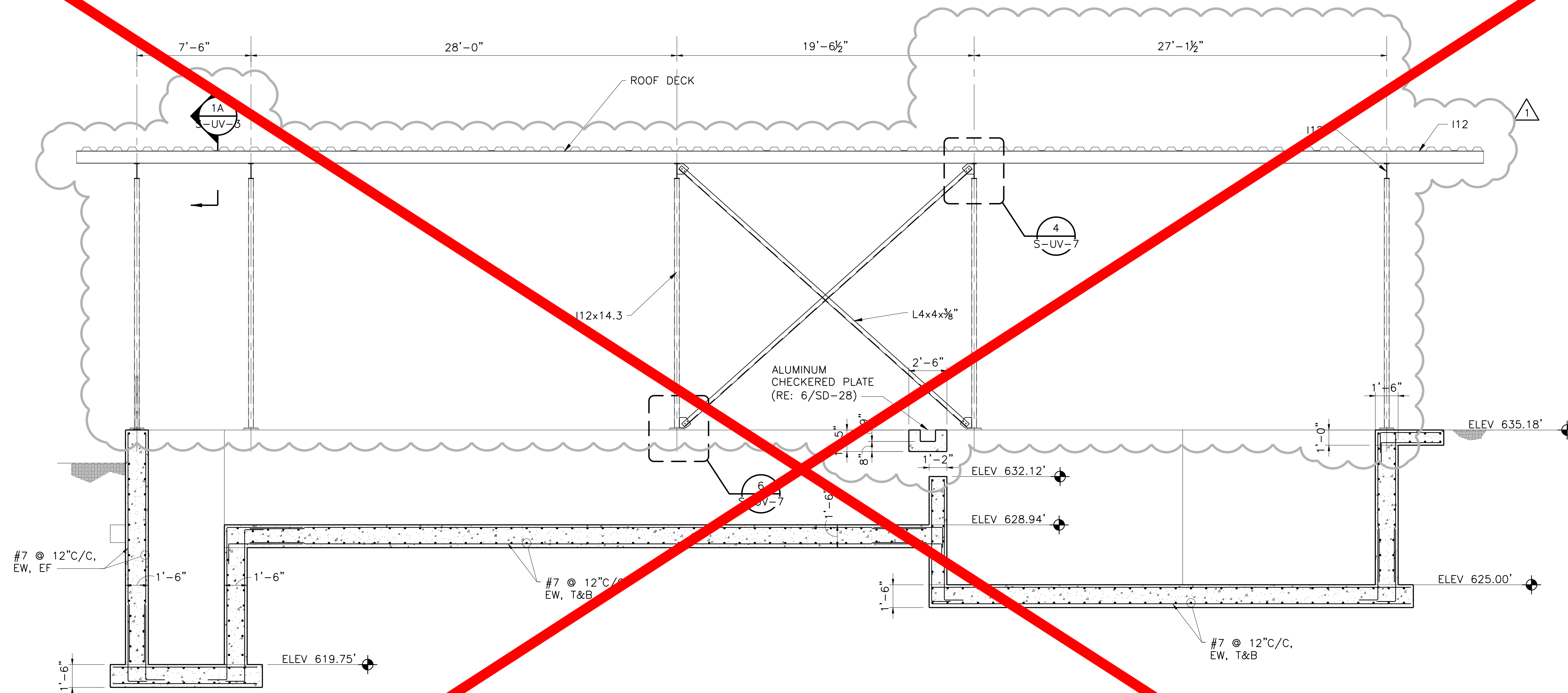
5H : : 73 3(OUJUH@  
6XOUJRW HDU: D  
3(OUJUH@ 7;

\$ & RUJQ OF SUSRHWVIXOUJUK OERUP DMIUOOGHFXSP HOUJUMH DERH OUMSIRWFW

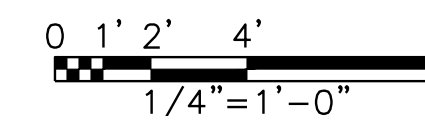
6&23( 2) : 25. . 6\$: &87 : -(5 23( 1,1\* 6 &87 5,\* 5(0 29( +\$8/ 2))  
6\$: &87 7 : : 23( 1,1\* ,1 ' & 21 5( 7 ( :  
fl 12 29(5&876  
fl 5(-1) 25&( ' : -5(%5 # '&(17(56  
fl \$1\*/(-.521 +\$1\*(56 72 % 5(0 29(' 35,2 5 72 2 85 \$55,9\$/  
fl 98&860 ,1\* +\$9/,1\* 6/655<,1&/8' ('  
fl 5.\* 5(0 29( +\$8/ 2)) & 2 1&5(7(' (%6.6 1&/8' ('  
fl 6. <75\$. 25 ) 25. /.) 7 6833/(' %< 27+(56

72 7\$/ 35.&( , .. 3/ 86 6\$/ (6 7\$; .) \$33/ .&\$%(

3/(\$6(127( 35<0(17 32/ &<-1,7 . 21 8855(17 335 29(' 23(1 \$8&28176  
\$/ 27+(56 35<0(17 8321 & 2 0,3/(7,21



SECTION  
 1/4" = 1'-0"



ISSUED FOR CONSTRUCTION  
 ON 11/19/19

Freese and Nichols, Inc.  
 Texas Registered Engineers  
 License No. F-2144



**FREESE & NICHOLS**  
 10431 Morado Circle, Suite 300  
 Austin, Texas 78759  
 Phone - (512) 617-3100  
 Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
 CENTRAL WWT EXPANSION  
 PHASE I IMPROVEMENTS  
 STRUCTURAL  
 UV DISINFECTION BASIN  
 SECTION

NO.	ISSUE	BY	DATE	DESCRIPTION
1	ADDENDUM NO. 2	MRR	09/04/19	REVISED
2	DESIGNED	MRR	07/17/19	DESIGNED
3	DRAWN	JLM		DRAWN
4	CHECKED	AD		CHECKED
5	FILE NAME			ST-UVB-SC-CONC02.dwg

Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.

ALAU Ref: 21.us (LMS\_tech)  
 Filename: N:\ST\ST-UVB-SC-CONC02.dwg  
 Last Saved: 9/4/2019 11:35 AM Saved By: 02856

ISSUED FOR CONSTRUCTION  
ON 11/19/19

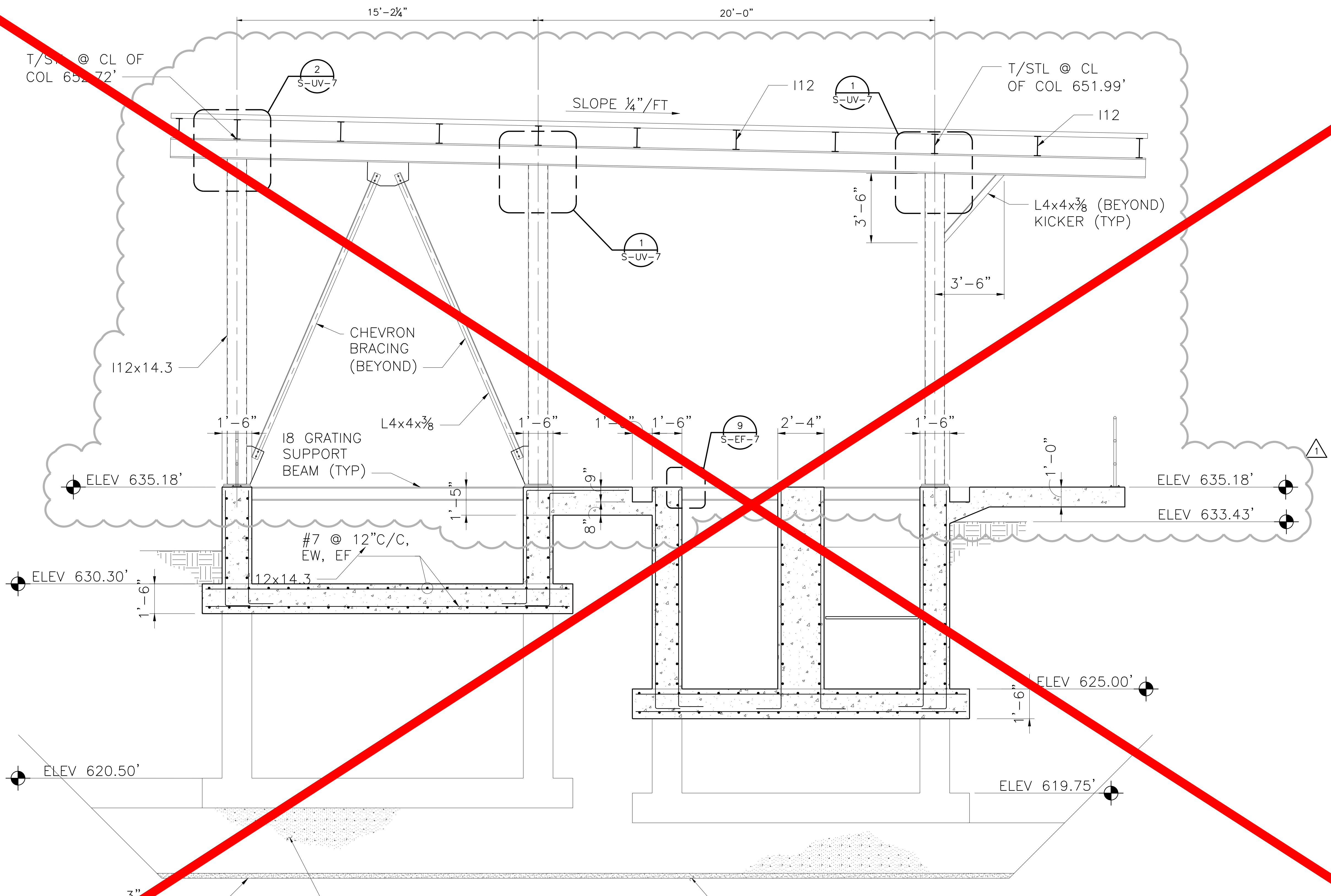
Freese and Nichols, Inc.  
Texas Registered Engineering Firm F-2144



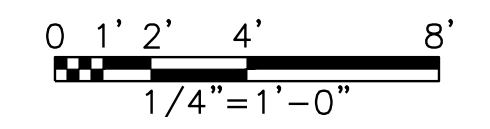
**FREES & NICHOLS**  
10431 Morado Circle, Suite 300  
Austin, Texas 78759  
Phone - (512) 617-3100  
Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
CENTRAL WWTB EXPANSION  
PHASE I IMPROVEMENTS  
STRUCTURAL  
UV DISINFECTION BASIN & SYSTEM  
SECTION

ISSUE	BY	DATE	TRAN JOB NO.	DATE	DESIGNED	DRAWN	REVISION	CHECKED	AD
			PFL16607	07/17/19	MRR	JLM			
ADDENDUM NO. 2									
Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.									
VERIFY SCALE									
0									
1/4" = 1'-0"									
S-UV-6									
SEQ. 186									



SECTION  
S-UV-1 3/8" = 1'-0"



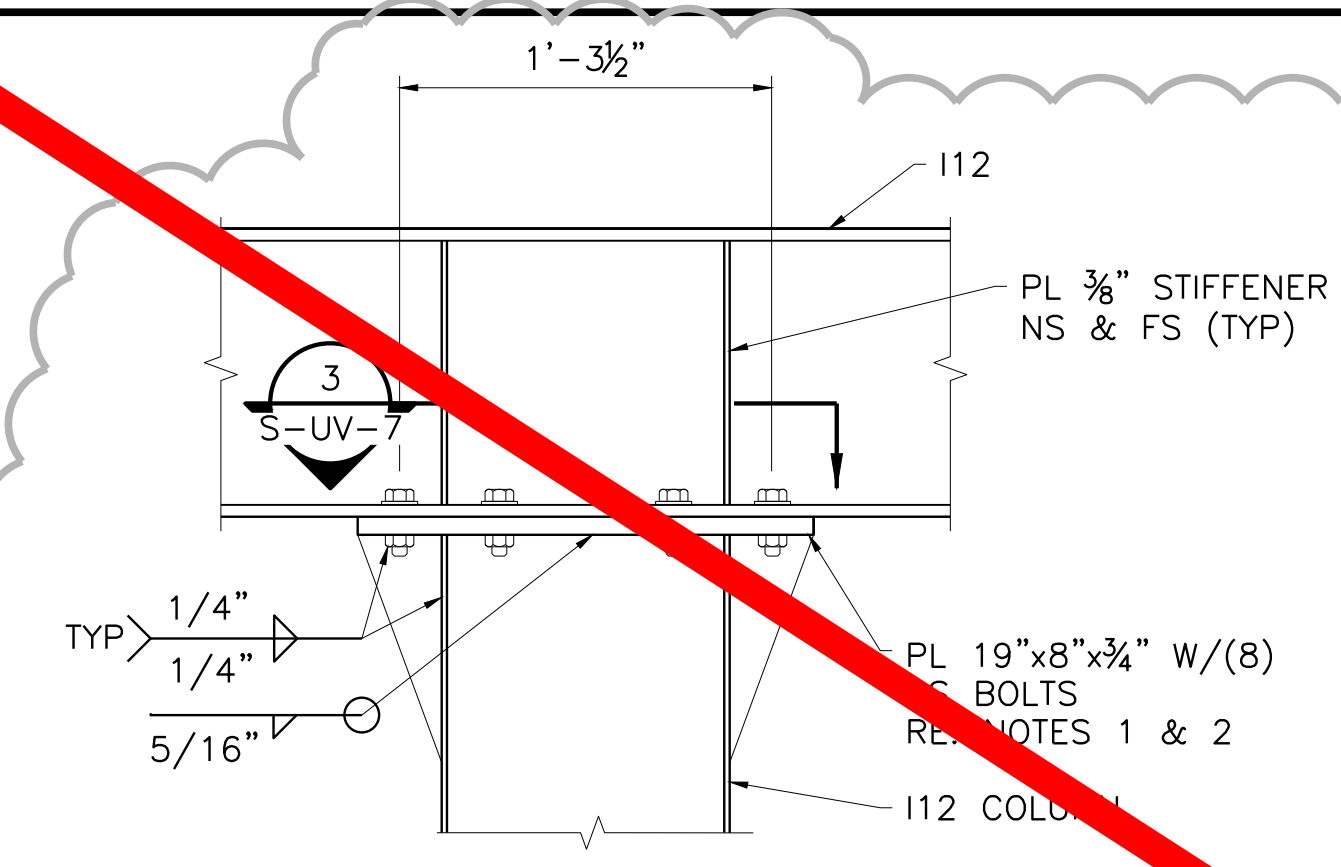
ALAU Ref: 21.us (LMS tech)  
Filename: N:\ST\ST-UVB-SC-CONC03.dwg  
Last Saved: 9/4/2019 11:35 AM Saved By: 02856

ISSUED FOR CONSTRUCTION ON 07/17/19  
 Freese and Nichols, Inc. Texas Registered Engineer No. F-2144

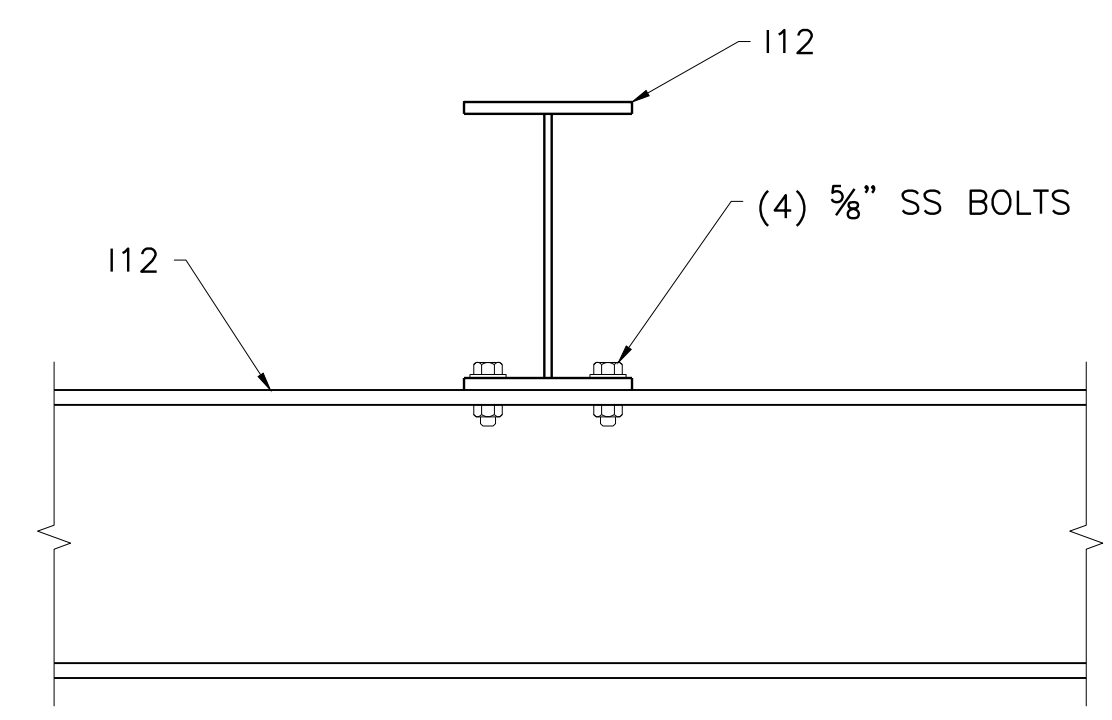
**FREES & NICHOLS**  
 10431 Morado Circle, Suite 300  
 Austin, Texas 78759  
 Phone - (512) 617-3100  
 Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
**CENTRAL WWP EXPANSION  
 PHASE I IMPROVEMENTS**  
 STRUCTURAL  
**UV DISINFECTION BASIN & SYSTEM  
 FRAMING DETAILS I**

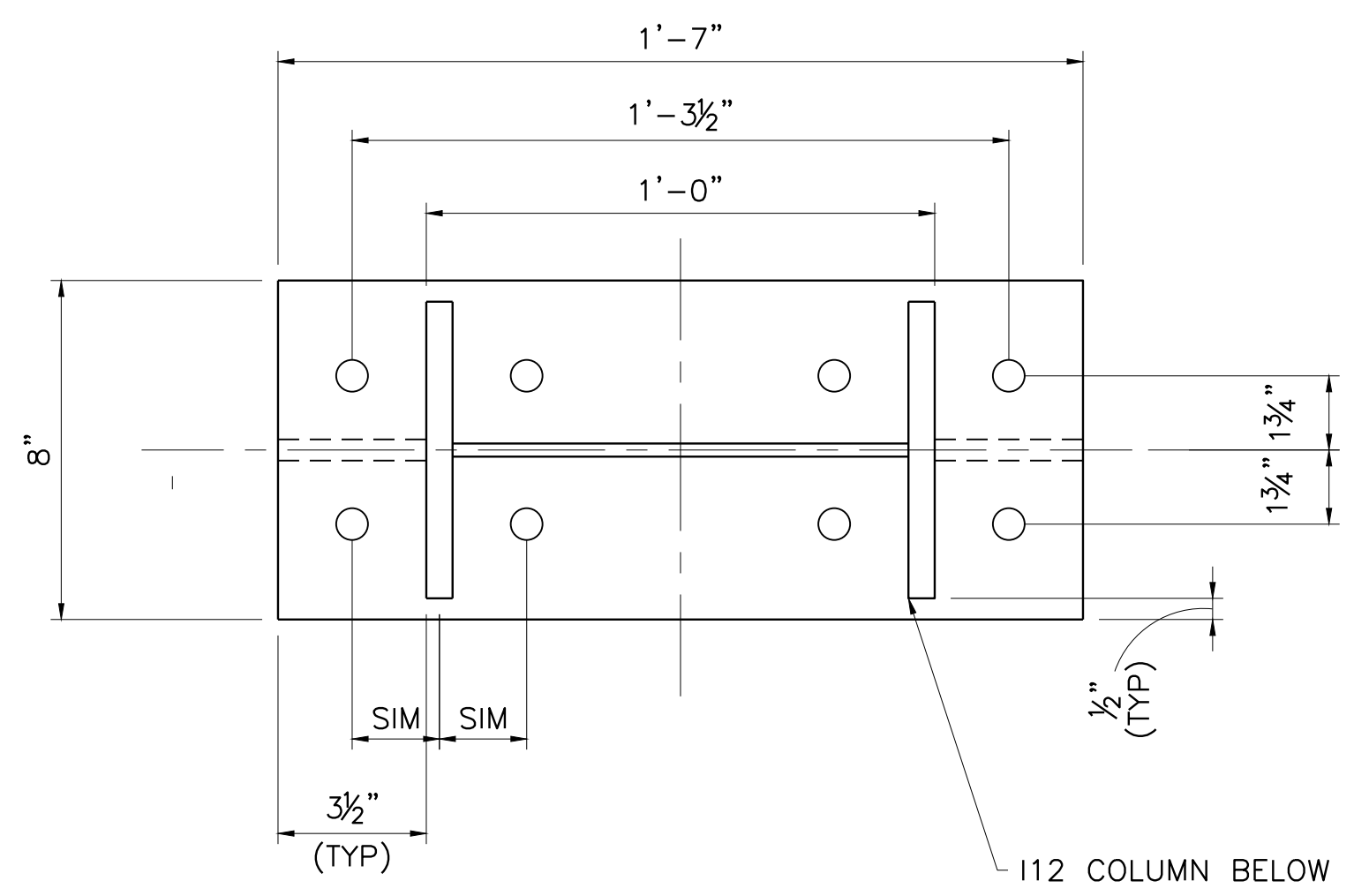
ISSUE NO. PFL16607  
 DATE 07/17/19  
 DESIGNED MRR  
 DRAWN JLM  
 REVISIONS  
 MRR 09/04/19  
 CHECKED AD  
 FILE NAME  
 ST-UV-DT-FRGM01.dwg  
 ADDENDUM NO. 2  
 Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.  
 SHEET NO. S-UV-7  
 SEQ. 187



- DETAIL NOTES:**  
 1. BOLTS SHALL BE 1"Ø FOR SECTIONS 1A/S-UV-3.  
 2. BOLTS SHALL BE 3/8"Ø FOR 1B/S-UV-3  
 3. I12 PURLIN NOT SHOWN.  
 4. ROOF DECK NOT SHOWN.



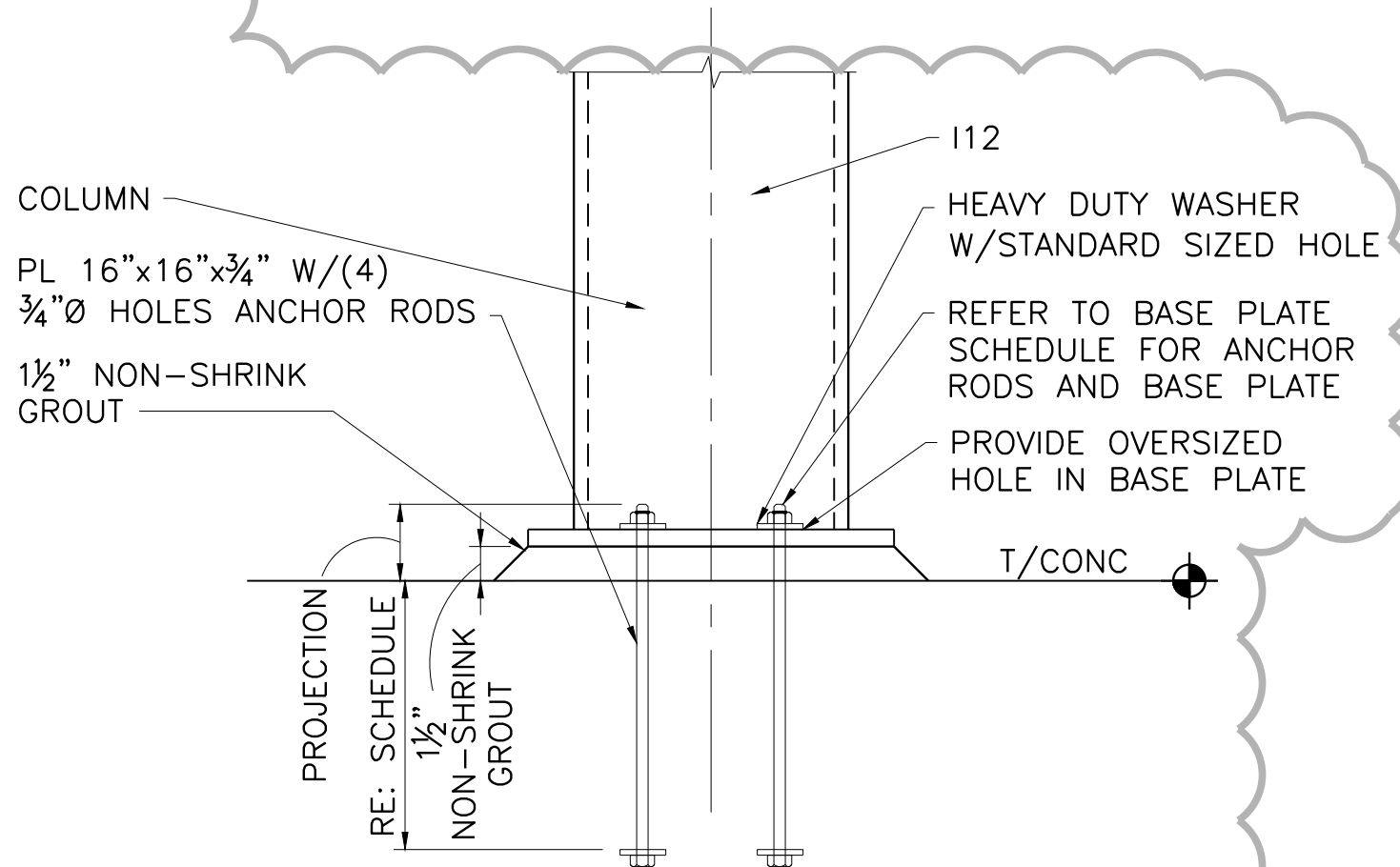
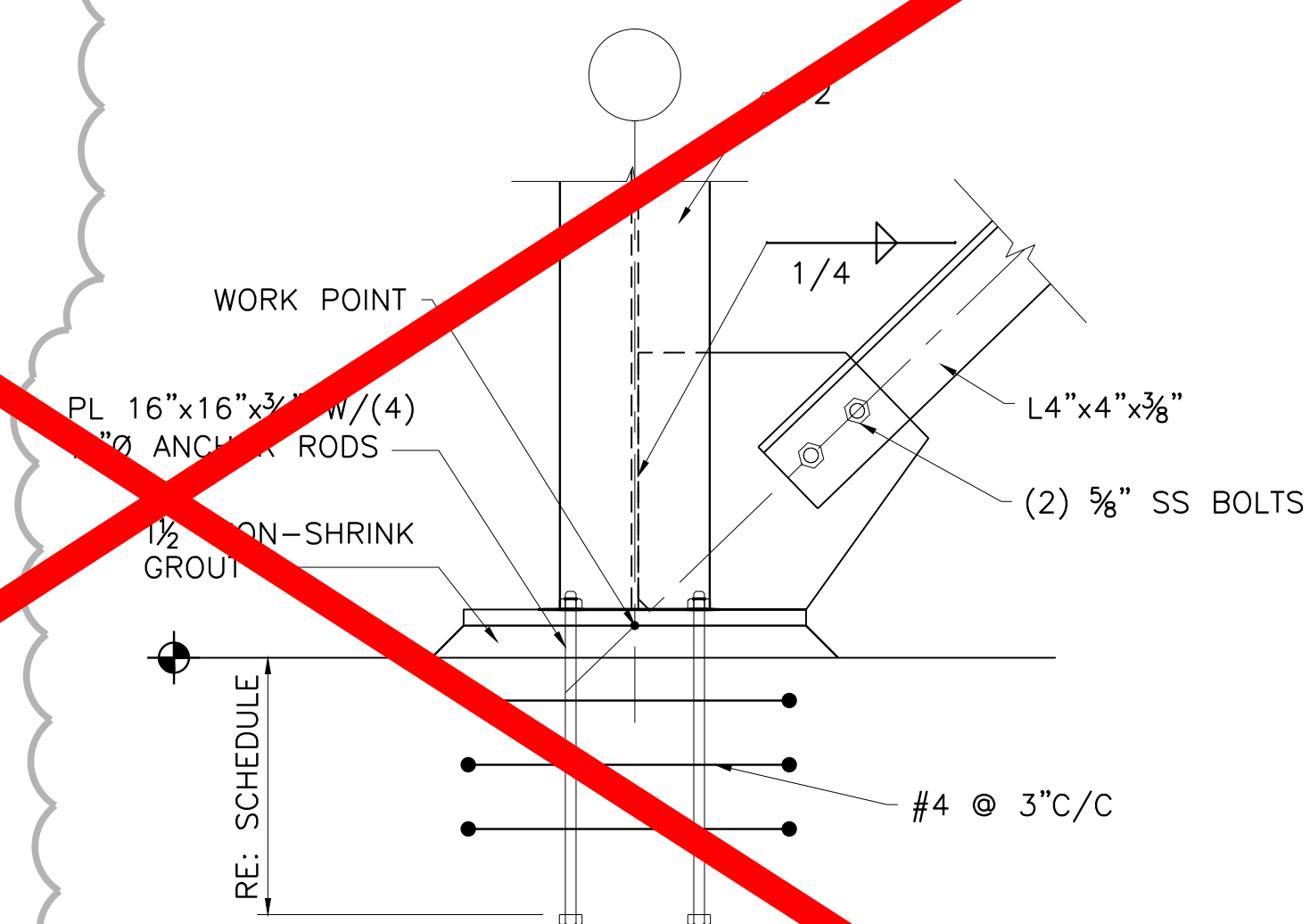
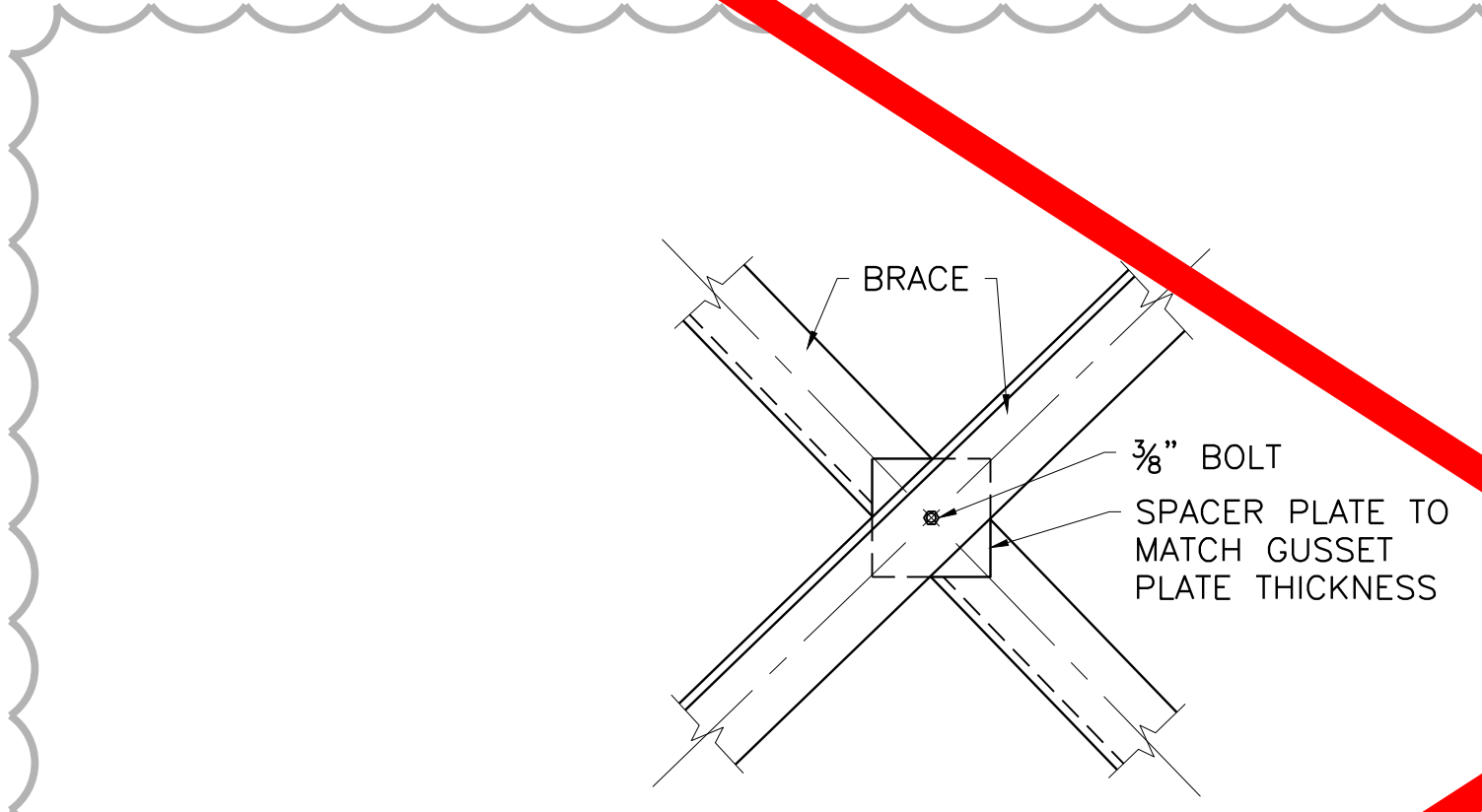
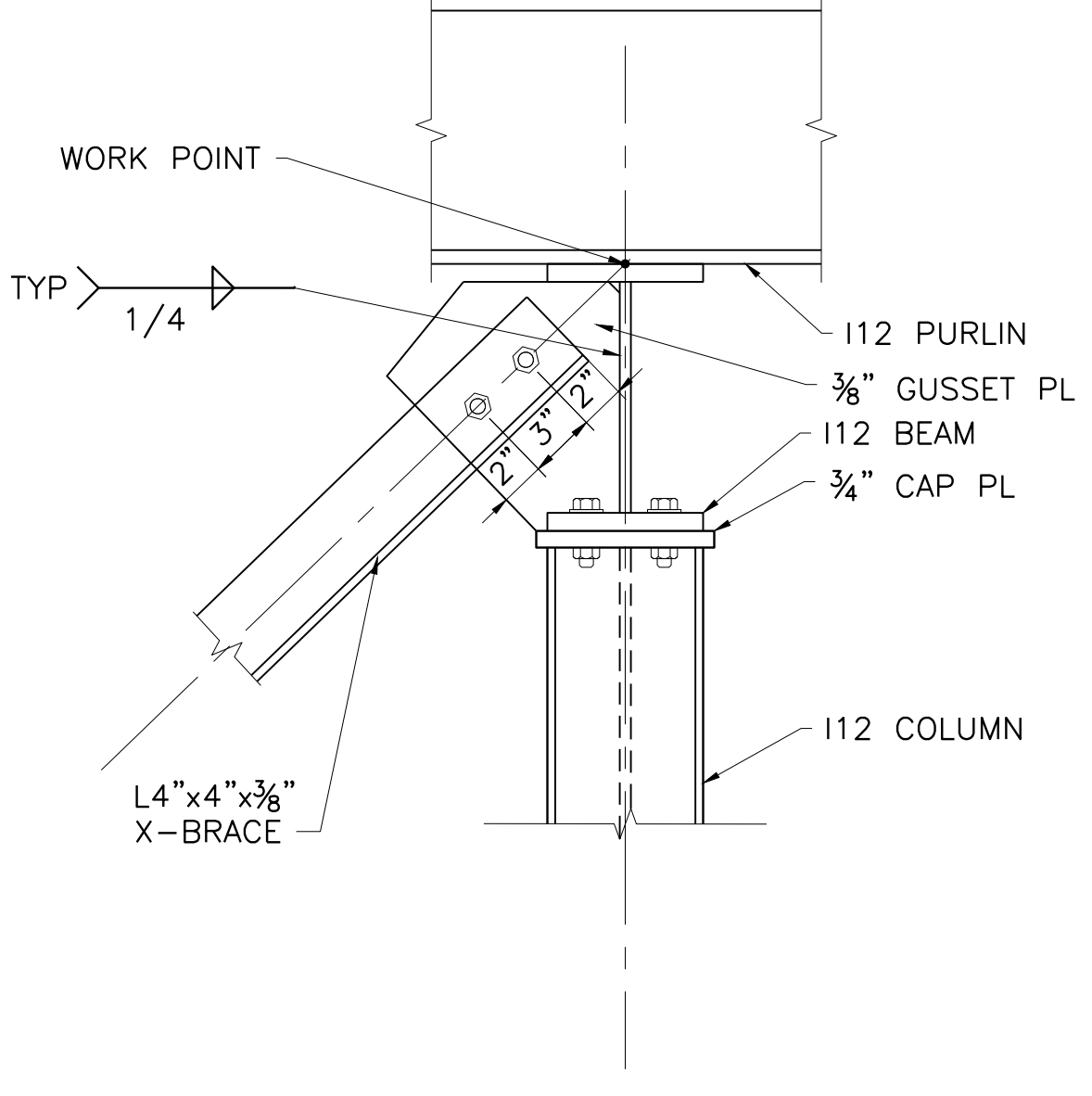
- DETAIL NOTES:**  
 1. ROOF DECKING NOT SHOWN.



1A-1B COLUMN-BEAM CONNECTION DETAIL  
 S-UV-3 1 1/2"=1'-0"

2 BEAM-PURLIN CONNECTION DETAIL  
 S-UV-3 1 1/2"=1'-0"

3 CAP PLATE DETAIL  
 S-UV-3 3"=1'-0"



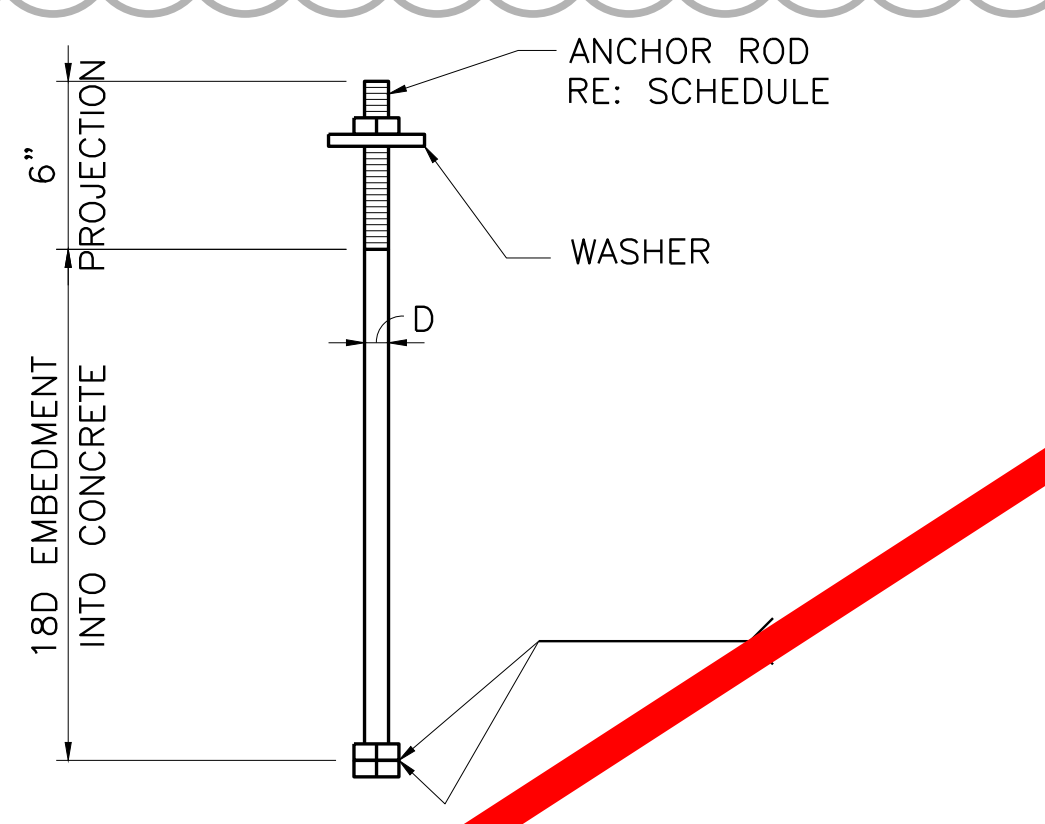
- DETAIL NOTES:**  
 1. MEANS OF LEVELING AND ELEVATION CONTROL SHALL BE PROVIDED AND COORDINATED. LEVELING NUTS ARE NOT ALLOWED AT COLUMNS THAT HAVE TENSIONED ANCHORS.

4 X-BRACE  
 S-UV-3 1 1/2"=1'-0"

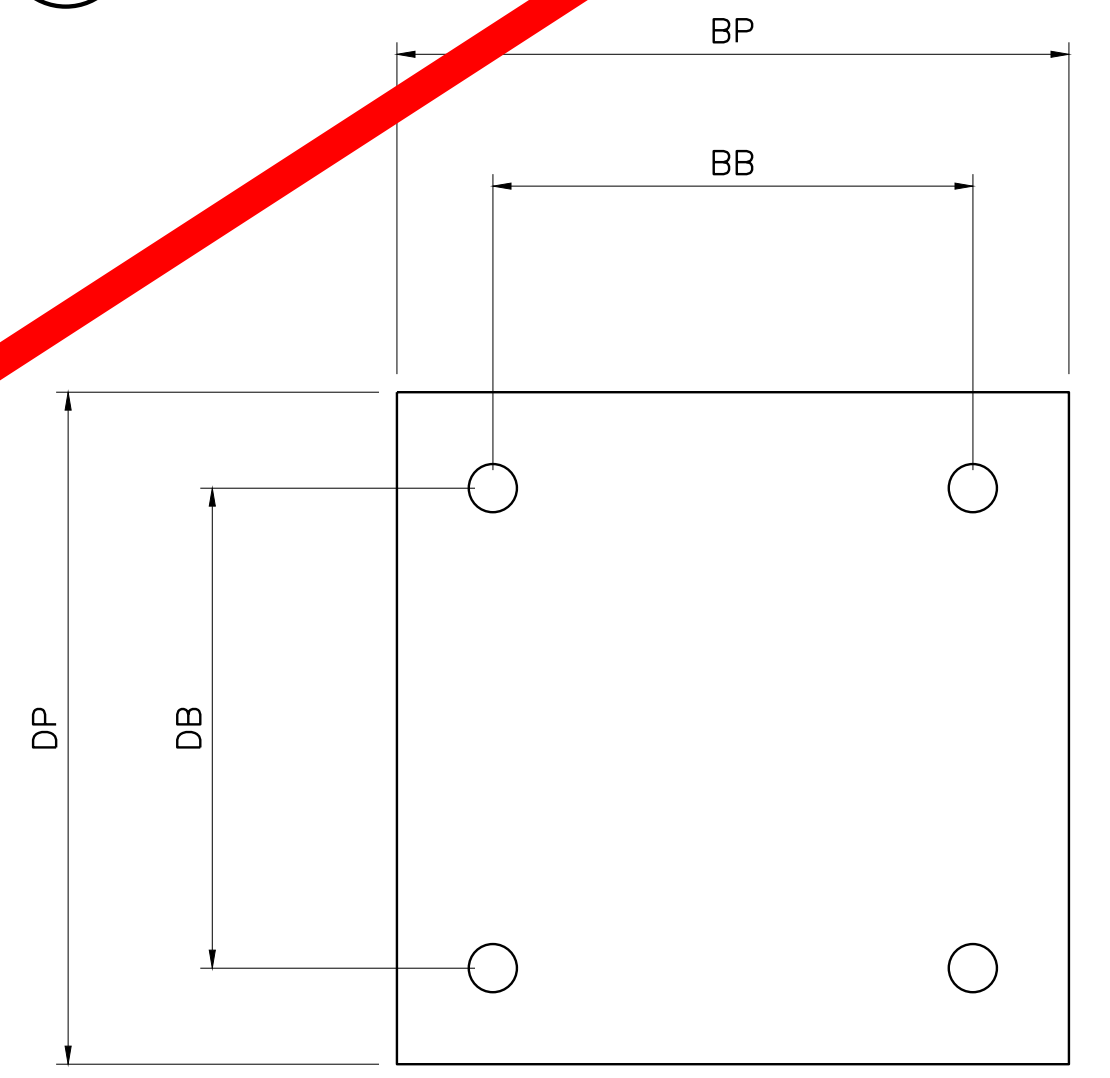
5 X-BRACE SPACER PLATE DETAIL  
 S-UV-3 1 1/2"=1'-0"

6 COLUMN BASEPLATE & X-BRACE DETAIL  
 S-UV-3 1 1/2"=1'-0"

7 BASE PLATE ELEVATION  
 S-UV-3 1 1/2"=1'-0"



- DETAIL NOTES:**  
 1. ALL ELEMENTS SHALL BE HOT-DIPPED GALVANIZED.



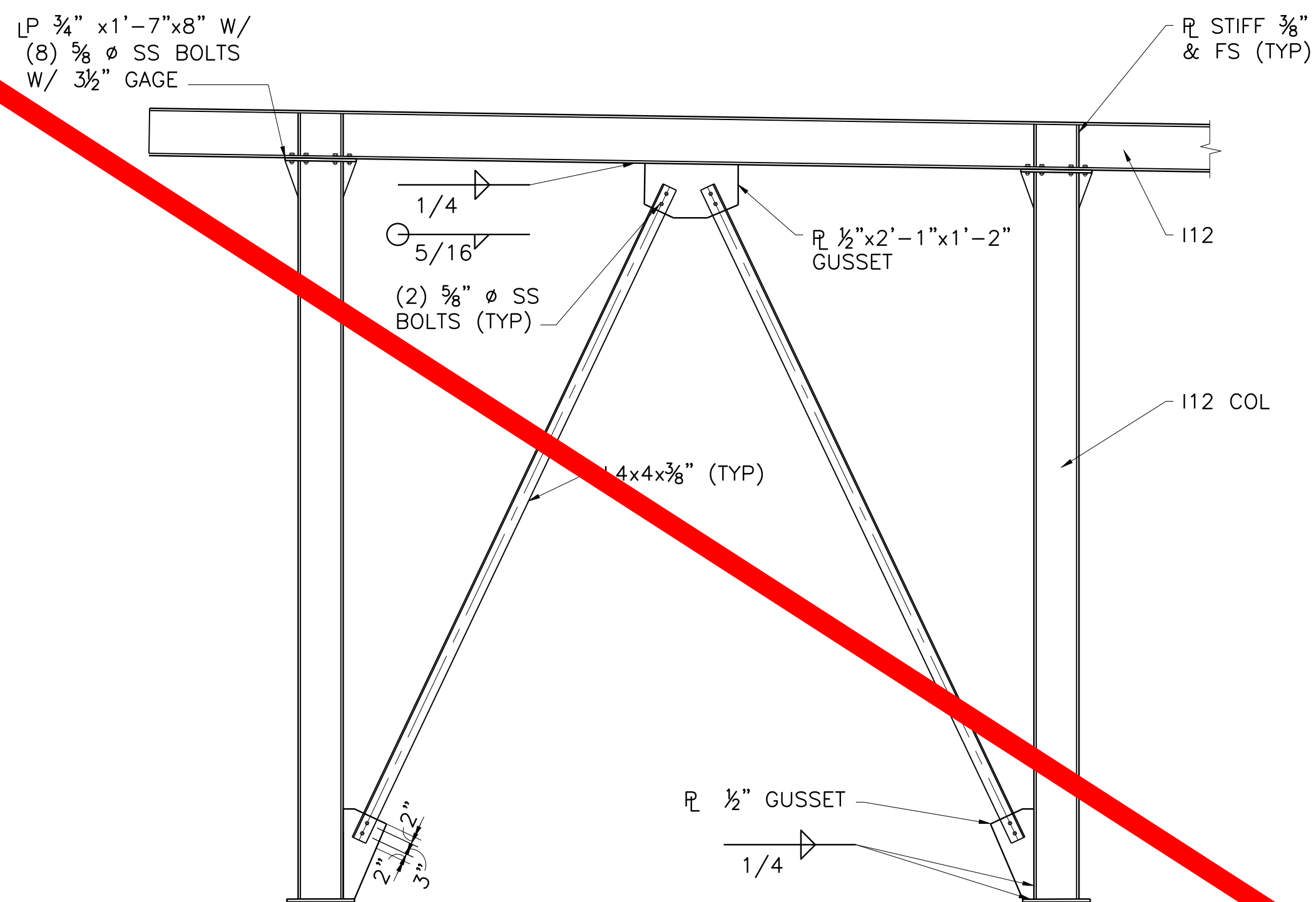
8 ANCHOR ROD DETAIL  
 NOT TO SCALE

9 BASE PLATE DIMENSIONS  
 NOT TO SCALE

BASE PLATE SCHEDULE											
STRUCTURE	SHEET REFERENCE	COLUMN	PEDESTAL DIAMETER	THICKNESS	BP	DP	BB	DB	ROD DIA "d"	ROD EMBED	PLATE GRADE
NPW	S-NPW-1	I6x4.69	-	0'-1 1/4"	0'-10"	0'-10"	0'-5"	0'-5"	0'-0 3/4"	1'-6"	6061-T6
UV BASIN	S-UV-5	I12x14.3	-	0'-0 3/4"	1'-4"	1'-4"	0'-6"	0'-6"	0'-0 3/4"	1'-6"	6061-T6
EFFLUENT FILTER	S-EF-3	W10x60	-	0'-0 3/4"	1'-2"	1'-2"	0'-5"	0'-5"	0'-0 3/4"	1'-6"	A36
HEADWORKS	S-HW-14	HSS8x8x3/8	2'-0"	0'-0 7/8"	1'-2"	1'-2"	0'-11"	0'-11"	0'-0 3/4"	1'-6"	A36
		HS10x10x3/8	2'-2"	0'-0 7/8"	1'-4"	1'-4"	1'-1"	1'-1"	0'-0 3/4"	1'-6"	A36

1. REFER TO BASE PLATE DETAIL 6/S-UV-7.  
 2. REFER TO BASE PLATE ELEVATION DETAIL 7/S-UV-7.  
 3. REFER TO ANCHOR ROD DETAIL 8/S-UV-7.  
 4. REFER TO BASE PLATE DIMENSIONS DETAIL 9/S-UV-7.

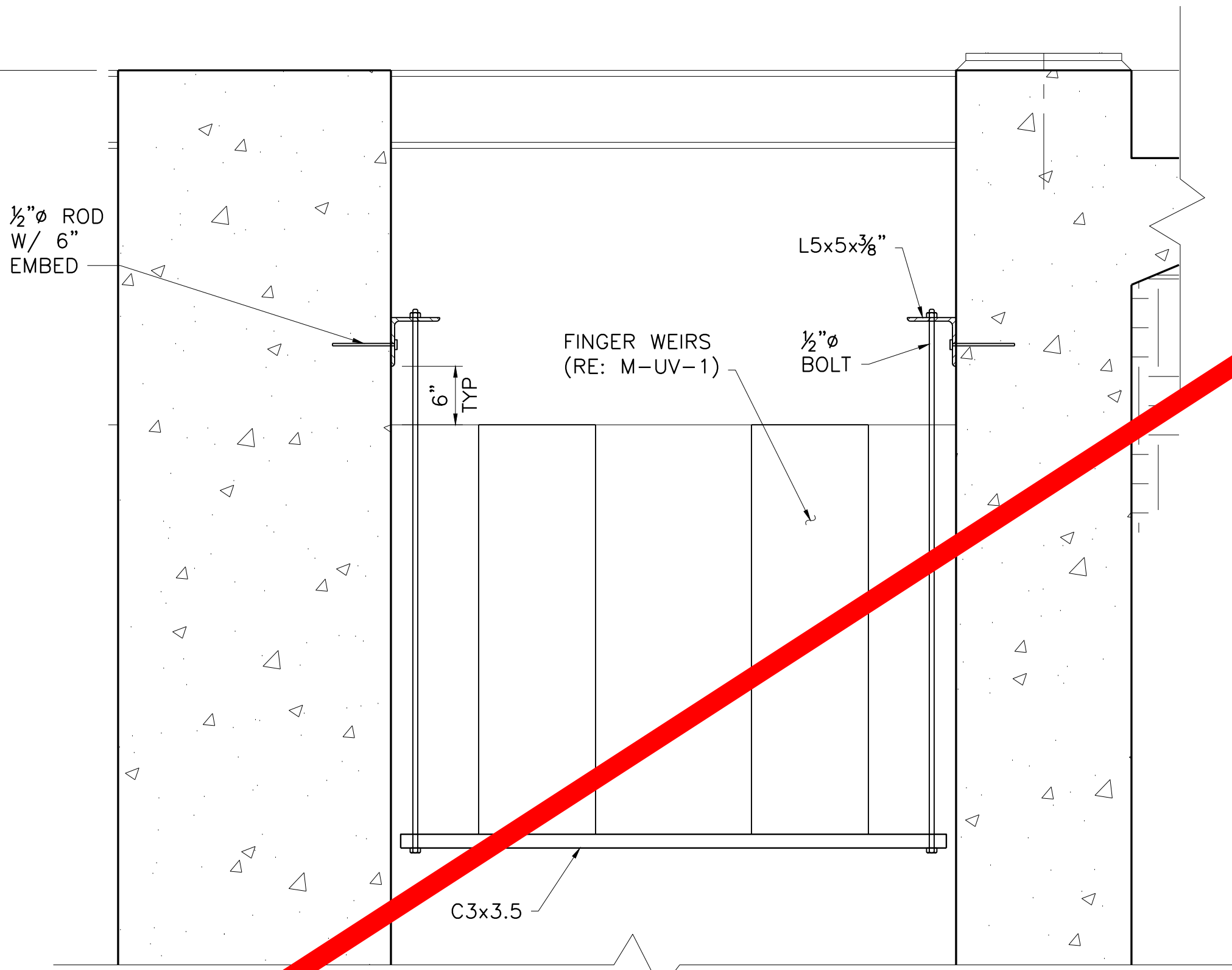
ALAU Ref: 21.us (LMS tech)  
 Filename: N:\ST\ST-UV-DT-FRGM01.dwg  
 Last Saved: 9/4/2019 11:35 AM  
 Saved By: 02856



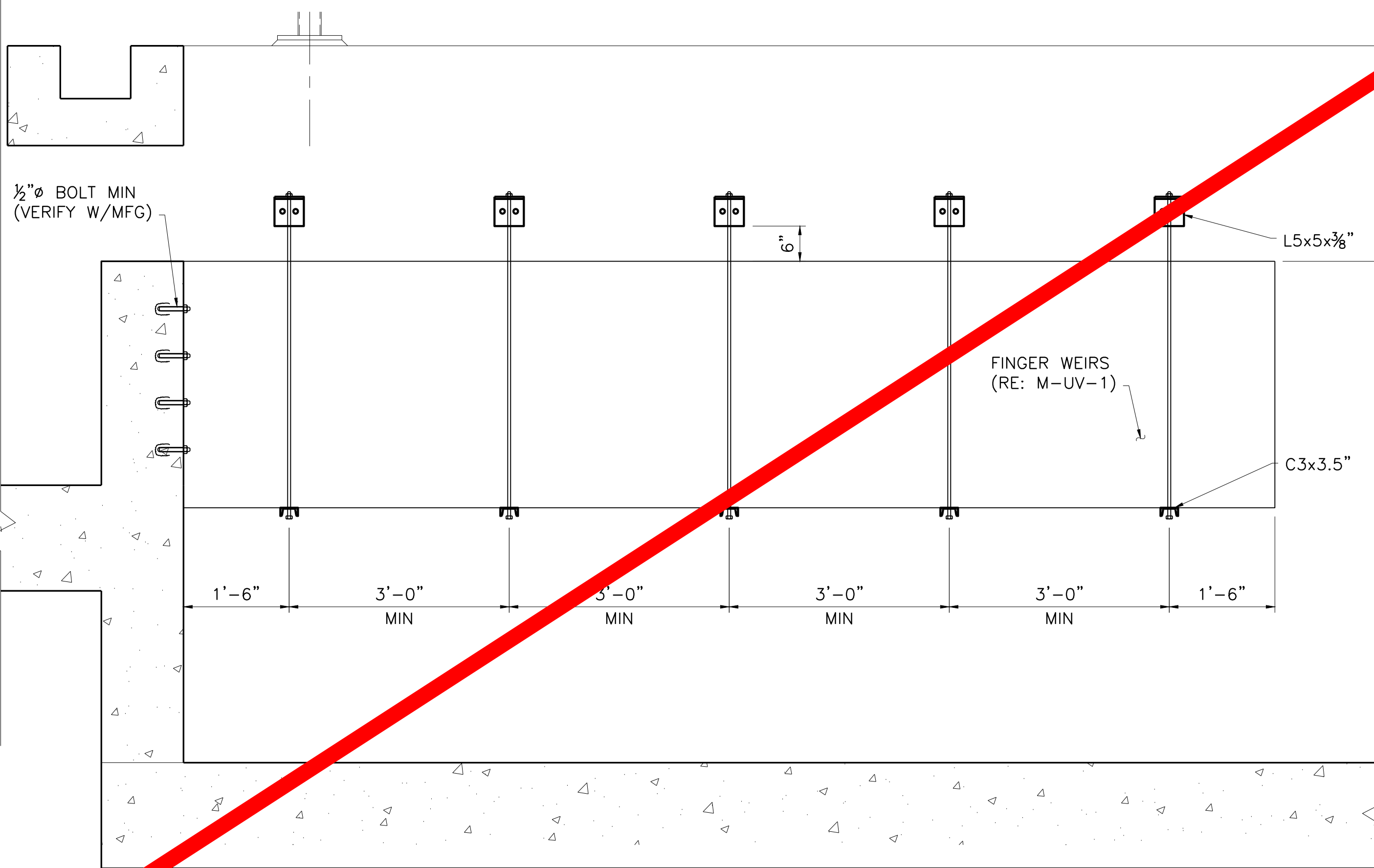
DETAIL NOTES:  
1. PURLINS AND DECK NOT SHOWN.

1  
S-UV-2  
CHEVRON BRACE SECTION  
3/8"=1'-0"

T/CONC  
EL 635.18



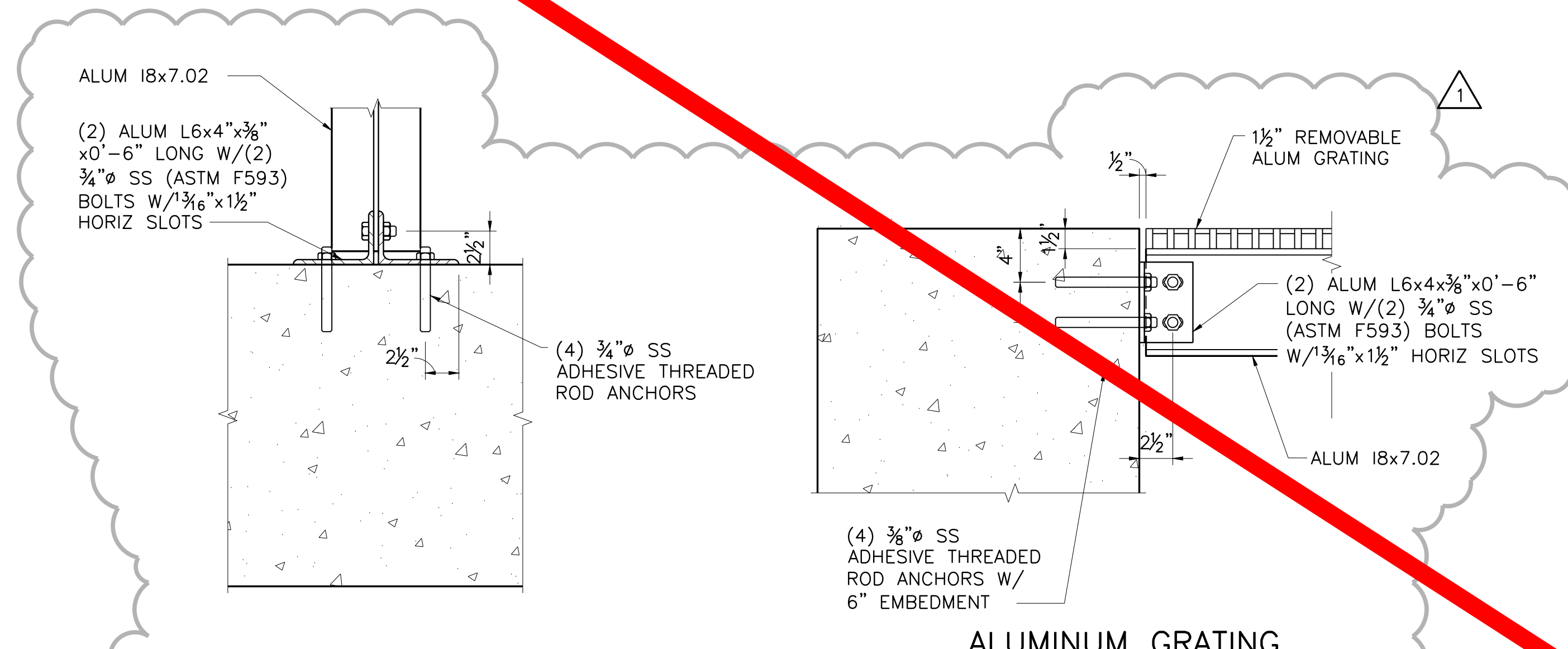
2  
S-UV-2  
SECTION  
1"=1'-0"



3  
S-UV-2  
SECTION  
3/4"=1'-0"

T/CONC  
EL 635.18

T/WEIR  
EL 632.12



4  
-  
ALUMINUM GRATING  
SUPPORT BEAM PLAN  
1 1/2"=1'-0"

5  
-  
ALUMINUM GRATING  
SUPPORT BEAM SECTION  
1 1/2"=1'-0"

ISSUED FOR CONSTRUCTION  
ON 11/19/19

Freese and Nichols, Inc.  
Texas Registered Engineering Firm F-2144



**FREES & NICHOLS**  
10431 Morado Circle, Suite 300  
Austin, Texas 78759  
Phone - (512) 617-3100  
Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
CENTRAL WWTB EXPANSION  
PHASE I IMPROVEMENTS  
STRUCTURAL  
UV DISINFECTION BASIN & SYSTEM  
FRAMING DETAILS II

DATE	BY	ISSUE	DATE	BY	ISSUE
07/17/19	MRR	DESIGNED	09/04/19	MRR	REVISION
		MFR			CHECKED
		JLM			AD

ADDENDUM NO. 2  
VERIFY SCALE  
Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.



<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

<b>Change Proposal No.:</b>	<u>CP0034</u>	<b>Description:</b>	<u>LSP106 Guide Rails and Discharge Pipe</u>
<b>Specification:</b>	<u>N/A</u>		
<b>Drawing No.:</b>	<u>M-HW-1</u>	<b>Detail Description:</b>	<u>N/A</u>

**Reference Document:**

Request for a Change Proposal No.: 004
                 
  Request for Information No.: \_\_\_\_\_  
 Shop Drawing Deviation Request No.: \_\_\_\_\_
                 
  Field Order No.: \_\_\_\_\_

**Contractor proposes the following modifications to the Contract Documents:**  
 Add base Tee, Guide Rails, and Discharge Piping for Influent Lift Station Pump LSP106.

**Purpose of Change Proposal:**  
 Add components in Phase 1 that were planned for Phase 2 construction. The addition of these components will allow for Phase 2 to not need to shutdown and dewater the Lift Station during construction that will provide an estimated cost savings of \$50,000 and will reduce risk during the Phase 2 project.  
 Revised cost reflects updated pricing from Ferguson Waterworks for DI pipe.

**Attachments:**

**Requested Action:**

Issue a Field Order
                 
  Issue a Work Change Directive or Change Order for the described changes

**Basis of Compensation:**

Unit Prices
                 
  Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01  
 Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01

**Required Documentation:**

Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change  
 Schedule attached to show impacts and justification for requested change in Contract Times

<b>Total Change Proposal Amount:</b>	<u>\$111,644.08</u>	<b>Adjustment in Contract Times (days):</b>	<u>19</u>
--------------------------------------	---------------------	---	-----------

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 10/16/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 10/18/2021



October 16, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP034 Piping for IPS 6

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the piping for IPS 6. BAR Constructors, Inc. requests an ADD to the contract amount of \$111,644.08 and a time extension of 19 calendar days. Below are those inclusions and exclusions associated with this work.

Inclusions:

- As stated in the provided quotes.
- All “Assumptions” as stated in provided quotes.

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.



Tax @ 8.25%									\$ 57.46
<b>Total Equipment</b>									<b>\$ 1,032.56</b>

Subcontractor	Rate			IPS 6				Total
								\$ -
								\$ -
Percision Pumps	\$ 18,800.00	LS	1					\$ 18,800.00
Travis Industries	\$ 9,500.00	LS	1					\$ 9,500.00
Ferguson	\$ 68,863.09	LS	1					\$ 68,863.09
								\$ -
								\$ -
<b>Total Subcontractor</b>								<b>\$ 97,163.09</b>

	Labor			Subcontractor	Equip		Material	Total
<b>Totals</b>	\$ 4,129.20			\$ 97,163.09	\$ 1,032.56		\$ 633.20	\$ 102,958.05
<b>Insurance (1.8%)</b>								\$ 1,853.24
<b>Overhead and Profit (5% for subs)</b>								\$ 4,858.15
<b>Overhead and Profit (15% Self Performed Work)</b>								\$ 869.24
<b>Subtotal</b>								\$ 110,538.69
<b>Bond @ 1%</b>								\$ 1,105.39
<b>Total</b>								<b>\$ 111,644.08</b>



PO. Box 450270 Houston Texas 77245  
Phone: 713-783-8530 Fax: 713-783-1221

Attn: BAR

Date: 6/30/21

Project: Pflugerville WWTP Expansion 6<sup>th</sup> Main LS GRA.  
Engineer: Freese & Nichols

### **Quote Number CL630211**

Thank you for the opportunity to submit our proposal for your equipment needs.

**Precision Pump Systems** appreciates your confidence in us to supply the best equipment and service available in the industry today.

### **Equipment Scope & Services Included**

#### **MAIN LIFT STATION**

**1ea Sulzer ABS non-sparking dual guide rail assemblies to include base elbows, pump slide brackets, 16" intermediate guiderail brackets, SS upper guide rail brackets, 316 SS guiderails.**

**NET: \$ 18,800.00 includes freight and start up.**

### **Notes/Exceptions: Sulzer ABS XFP model pumps come standard with a 5 year pro-rated warranty.**

*Unless specifically mentioned in this proposal for inclusion with proposed items, PPS has not included any other items or services. Items quoted are standard construction and paint unless otherwise noted. Motors sent in for rebuild that are "Listed Motors" i.e. UL, FM, etc. will not be re-certified unless specifically stated at time of repair. Any sale of goods is based on our "Standard Terms & Conditions of Sales", request copy if needed. Proposal is limited to the items and quantities listed. Neither verbal nor handwritten changes are acceptable. Any revision to proposal will be provided in a re-typed "revised" proposal.*

The equipment is quoted with freight. Current estimated delivery of items is running 8 weeks after receipt of approved submittal drawings. Submittals can be furnished approximately 4 to 6 weeks after receiving acceptable purchase order. Three-day start-up supervision is included in the above quoted price.

We look forward to working with you on this and any future projects. If you have any questions or thoughts, please do not hesitate to call.

Sincerely,

Corey Lewis  
210-819-9213



<b>Deliver To:</b> . <b>From:</b> Daniel Shimek <b>Comments:</b>
--

FERGUSON WATERWORKS #1106

Price Quotation  
Phone: 512-930-2262  
Fax: 512-930-2388

**Bid No:** B465932  
**Bid Date:** 06/11/21  
**Quoted By:** XXA

**Cust Phone:** 972-227-3287  
**Terms:** NET 10TH PROX

**Customer:** BAR CONSTRUCTORS INC  
279-23 PFLUGERVILLE-CENTR  
805 KATY ST  
LANCASTER, TX 75146

**Ship To:** BAR CONSTRUCTORS INC  
15500 SUN LIGHT NEAR WAY  
PFLUGERVILLE-CENTRAL WWTP  
PFLUGERVILLE, TX 78660

**Cust PO#:**

**Job Name:**

Item	Description	Quantity	Net Price	UM	Total
	HEAD WORKS DI PIPE AND FITTINGS CO QUOTE. ----				
SP-16DIPFABSPPOOL	16 DIP FAB SPL - DESCRIPTION BELOW 16" x 3' - 3 7/8" CL53 DIP FLGXFLG P-401	1	1956.000	EA	1956.00
SP-16DIPFABSPPOOL	16 DIP FAB SPL - DESCRIPTION BELOW Cust Desc : 16" X 8' - 6" CL53 DIP FLGXPE P-401	1	2884.000	EA	2884.00
SP-16DIPFABSPPOOL	16 DIP FAB SPL - DESCRIPTION BELOW Cust Desc : 16" X 8' - 0 1/4" CL53 DIP FLGXFLG P-401	1	3361.000	EA	3361.00
SP-16DIPFABSPPOOL	16 DIP FAB SPL - DESCRIPTION BELOW Cust Desc : 16" X 7' - 2" CL53 DIP FLGXPE P-401	1	2603.000	EA	2603.00
SP-16DIPFABSPPOOL	16 DIP FAB SPL - DESCRIPTION BELOW Cust Desc : 16" X 18' - 6" CL53 DIP FLGXFLG P-401	1	6171.000	EA	6171.00
SP-16DIPFABSPPOOL	16 DIP FAB SPL - DESCRIPTION BELOW Cust Desc : 16" X 18' - 6" CL53 DIP FLGXFLG P-401	1	6171.000	EA	6171.00
F9P416	16 DI 125# FLG P-401 90 BEND	1	2217.510	EA	2217.51
F2P416	16 DI 125# FLG P-401 22-1/2 BEND	2	1905.505	EA	3811.01
FTP416	16 DI 125# FLG P-401 TEE	1	3007.510	EA	3007.51
FERP41612	16X12 DI 125# FLG P-401 ECC RED	1	1996.510	EA	1996.51
SP-TAPBFP416P	16X4 DI C110 TAP BLND FLG P401	1	2115.830	EA	2115.83
FBSS16S12	12 SS 316 FLG BLT SET	1	104.570	EA	104.57
FBSS16S16	16 SS 316 FLG BLT SET	12	201.028	EA	2412.34
E211600ESS16	16 EPOX MEGAFLANGE W/316SS *X	1	1708.570	EA	1708.57
DGPTCA53P	4 GALV T&C A53A S40 PIPE	21	4975.000	C	1044.75
SP-SSFSPS16	16 SS 316 FAB STL PIPE SUPP Cust Desc : 16" SSTL U-BOLT SUPPORT X 2'6"	1	1693.350	EA	1693.35
SP-SSWALLBRACKET16	SEE DESCRIPTION BELOW CUST ITEM:	6	3051.838	EA	18311.03



**HOW ARE WE DOING? WE WANT YOUR FEEDBACK!**

Scan the QR code or use the link below to complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=1254&on=47384>



Fax: 512-930-2388

15:43:16 OCT 15 2021

Reference No: B465932

Item	Description	Quantity	Net Price	UM	Total
SP-SSWALLBRACKET16	Cust Desc : 16" X 3'-11" SSTL WELDED PIPE WALL BRACKET SEE DESCRIPTION BELOW CUST ITEM: Cust Desc : 16" X 1'-10" SSTL WELDED PIPE WALL BRACKET	1	2541.460	EA	2541.46
SP-SSPIPECLAMP16	SEE DESCRIPTION BELOW QUOTE GOOD UNTIL 10/29/21 FOR DUCTILE AND BOLTS. SS 316 ANGLE AND PLATE PRICES ARE VERY VOLITILE CURRENTLY AND IF THERE IS A SIGNIFICANT MARKET INCREASE WE WILL NOT BE ABLE TO HOLD PRICING ON SUPPORTS.	7	678.950	EA	4752.65

<b>Net Total:</b>	\$68863.09
<b>Tax:</b>	\$0.00
<b>Freight:</b>	\$0.00
<b>Total:</b>	\$68863.09

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTACT YOUR SALES REPRESENTATIVE IMMEDIATELY FOR ASSISTANCE WITH DBE/MBE/WBE/SMALL BUSINESS REQUIREMENTS.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>  
Govt Buyers: All items are open market unless noted otherwise.

LEAD LAW WARNING: It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with \*NP in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection.



**HOW ARE WE DOING? WE WANT YOUR FEEDBACK!**

Scan the QR code or use the link below to complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=1254&on=47384>



August 18, 2021

Bar Constructors, Inc.  
P.O. Box 10  
Lancaster, TX 75146-0010  
Attn: Trevor Wolfe

*Sent Via E-Mail at trevorw@barconstructors.com*

RE: Request for Change Order No. 2  
Central WWTP Expansion, Phase 1 Project  
City of Pflugerville, Texas

Dear Mr. Wolfe:

Please consider this correspondence a Request for Change Order associated with the above referenced project per the following:

<b>Change Order No.:</b>	2
<b>Work Description:</b>	Additional labor, equipment and materials to provide surface preparation and apply protective coatings to exterior surfaces of CP034-Piping for IPS 6 in accordance with Section 09960 as directed.
<b>(Add/Deduct) Value:</b>	\$ 9,500.00

**(Add/Deduct) Contract Time:** 14 Days

The work associated with this change order will not be executed until we have received written confirmation of its acceptance from the appropriate Contractor representative. Our company will proceed with the work associated with this Request for Change Order following the receipt of said document in our offices, and will not be responsible for any lost time on project due to inaction by the Contractor with regard to the acceptance of this Request for Change Order.

This Request for Change Order addresses only those work items expressly described above. All terms, conditions, qualification and/or exclusions associated with our Original Contract and/or Bid Document will continue to apply.

Please contact us with any questions regarding this Request for Change Order at (210) 947-9707.

Sincerely,

Steven Catalani, Project Manager  
Travis Industries, LLC

P.O. Box 460067 (78246)  
7902 S.E. Loop 410 (78223)  
San Antonio, Texas  
(210) 648-1990 Phone • (210) 648-1972 Fax  
[www.travis-industries.com](http://www.travis-industries.com)

<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607

<b>Request No.:</b>	0004	<b>Description:</b>	Base Tee and Discharge Pipe Addition for ILS Pump 6
<b>Specification:</b>			
<b>Drawing No.:</b>		<b>Detail Description:</b>	

**Reference Document:**

Request for Information No.: \_\_\_\_\_  Shop Drawing Deviation Request No.: \_\_\_\_\_

Work Change Directive No.: \_\_\_\_\_  Contract Document: \_\_\_\_\_

*The Owner requests that the Contractor prepare a Change Proposal for the changes in the Contract Documents described in this Request for a Change Proposal. The compensation offered for this Change Proposal is to be the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Amendment. Requested changes in Contract Times are to be the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor will be entitled. Authorization to proceed with changes must be approved by the Owner in accordance with the Contract Documents.*

**Owner requests a Change Proposal for the following modifications to the Contract Documents:**

**Description of Work:**

- Install Pump Rails, Base-TEE, and discharge piping withing the wet well for LSP-106.
- All installed components of this change are to be in accordance with submitted items for LSP-101 through 105.
- Base Tee and pump rails are to be compatible with the submersible pump that will be installed in the future and equal to those provided for LSP-101 through 105.
- Discharge piping to be ductile iron and anchored to the walls as required for LSP-101 through 105.
- Continue discharge piping to a point above the Wet Well top deck and terminate with a blind Flange on the flange connection for the future flow meter.

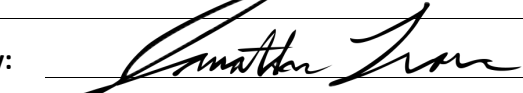
**Purpose of Change Proposal:**

The installation of these mechanical components within the influent lift station wet well will prevent the need to perform a partial lift station shut down, dewatering, and cleaning during future phases of work. The benefit of this will provide better operational flexibility in the future, provide a safer future installation, and provide significant cost savings by eliminating the need for confined space entry during future work. The installation of these components during Phase 1 will provide an additional benefit to the influent lift station wet well coating system as it will prevent the possibility of damaged and re-touched coatings in the future work – resulting in a better longevity of the coating system.

**Attachments:**

Red-lined drawings:  
M-HW-1  
M-HW-2  
M-HW-3

<b>Project:</b> <u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b> <u>88</u>
<b>Owner:</b> <u>City of Pflugerville</u>	<u>279</u>
<b>Contractor:</b> <u>BAR Constructors, Inc</u>	<u>PFL16607</u>
<b>Engineer:</b> <u>Freese and Nichols, Inc</u>	
<b>Status:</b> <input type="checkbox"/> Change Proposal No.: _____ Received <input type="checkbox"/> Cancelled	
<b>Action Required:</b> <input type="checkbox"/> Documents Filed <input type="checkbox"/> Cancelled	
<b>Requested by:</b> <u></u>	<b>Date:</b> <u>7/13/2021</u>

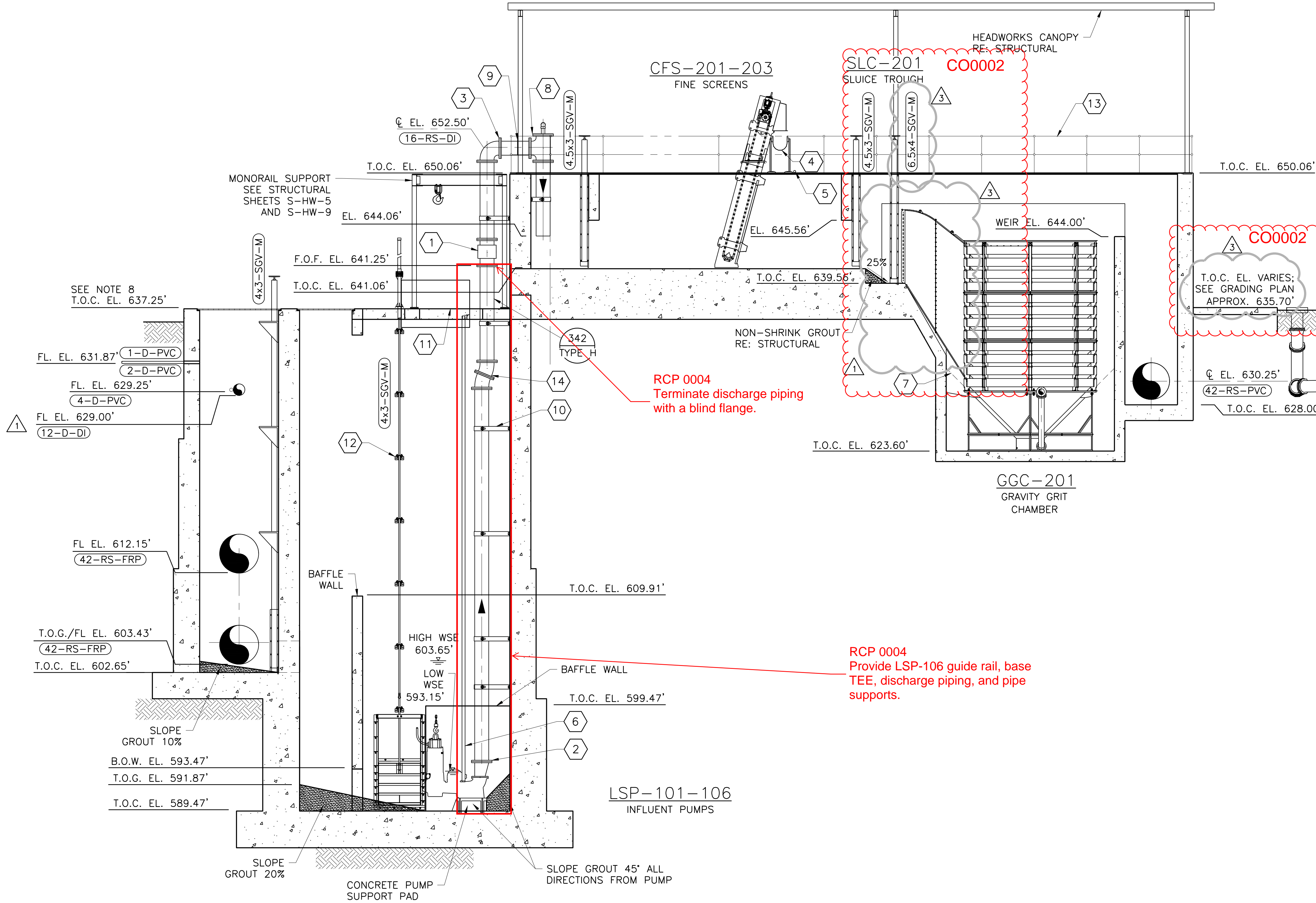


GENERAL NOTES

- REFER TO SPECIFICATION SECTION 01 35 00 FOR SPECIAL PROCEDURES AND CONSTRUCTION SEQUENCING.
- GROUT ALL CORNERS OF CHANNELS AND BASINS TO MINIMIZE SOLIDS ACCUMULATION. RE: 2/SD-17
- ALL INTERIOR CONCRETE SURFACES OF THE INFLUENT MIXING CHAMBER, INFLUENT LIFT STATION WET WELL, AND COMMON DISCHARGE CHANNEL SHALL BE COATED PER SPECIFICATION SECTION 09 96 01. SEE SPECIFICATION SECTION 46 21 23 FOR MULTIRAKE BAR SCREEN SYSTEM AND SPECIFICATION SECTION 46 23 23 FOR GRIT REMOVAL EQUIPMENT.
- ALL ABOVE GRADE NPW PIPING TO BE INSULATED PVC AND SHALL BE SUPPORTED BY 316 STAINLESS STEEL PIPE STRAPS AT A MINIMUM SPACING AS SHOWN IN DETAIL 340, TABLE A. ALL OTHER ABOVE GRADE PIPING TO BE DUCTILE IRON, UNLESS OTHERWISE NOTED.
- ALL GROUTING TOWARDS PUMPS TO BE COORDINATED WITH PUMP MANUFACTURER.
- CONTRACTOR TO COORDINATE WITH PUMP MANUFACTURER ON SIZE AND POSITION OF PUMP ACCESS HATCHES.

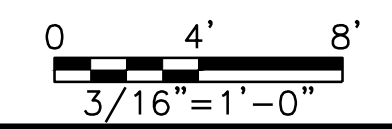
NOTES BY SYMBOL "◯"

- ◯1 16" MAG METER, SS, FLG
- ◯2 16"x12" ECCENTRIC REDUCER, DI, FLG
- ◯3 16" 90° BEND, DI, FLG
- ◯4 16" U-SHAPED WATER SLUICE, 304L SS
- ◯5 1 1/2" HDGP NPW SLUICE FEED, RE: 3/M-HW-5.
- ◯6 TYPICAL PUMP LIFTING AND CABLING SYSTEM. RE: 3/SD-17
- ◯7 CONTRACTOR TO COORDINATE WITH GRIT REMOVAL EQUIPMENT MANUFACTURER FOR GROUTING.
- ◯8 16" TEE, DI, FLG
- ◯9 PIPE SUPPORT, RE: 340 TYPE G/SD-12
- ◯10 PIPE SUPPORT, RE: 341 TYPE U/SD-9. SPACING EVERY 10'-0" OR PER MANUFACTURER'S RECOMMENDATIONS.
- ◯11 72"x48" ALUMINUM PUMP ACCESS HATCH WITH SAFETY GRATING, SEE NOTE 6.
- ◯12 STEM GUIDE LOCATION AND SPACING PER GATE MANUFACTURER (TYP.), RE: 374/SD-3.
- ◯13 GUARDRAIL WITH TOE BOARD TYP., RE: 1/SD-25
- ◯14 16" 22.5 DEGREE BEND, DI, FLG

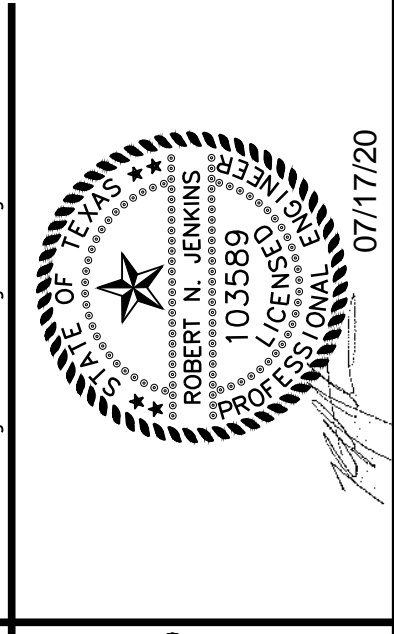


1 OVERALL SECTION  
M-HW-2 3/16"=1'-0"

POINT	LEVEL (feet)	ELEVATIONS	DESCRIPTION	
			RISING LEVEL	FALLING LEVEL
1	3.00	591.93	-	LOW/LOW FLOAT, ALL PUMPS OFF
2	4.00	592.93	-	LEAD PUMP @ 83% SPEED/OFF
3	6.00	594.93	LEAD PUMP ON @ MAX SPEED	PUMP 2 @ 86% SPEED/OFF
4	8.00	596.93	PUMP 1-2 ON @ 83% SPEED	PUMP 3 @ 89% SPEED/OFF
5	10.00	598.93	PUMP 1-3 ON @ 89% SPEED	PUMP 4 @ 92% SPEED/OFF
6	12.00	600.93	PUMP 1-4 ON @ 92% SPEED	PUMP 5 @ 95% SPEED/OFF
7	14.00	602.93	PUMP 1-5 ON @ 95% SPEED	-
8	14.50	603.43	HIGH/HIGH FLOAT ALARM	-



ISSUED FOR BID



**FREES & NICHOLS**  
10431 Norcoto Circle, Suite 300  
Austin, Texas 78759  
Phone - (512) 617-3100  
Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
CENTRAL WWTB EXPANSION  
PHASE I IMPROVEMENTS  
MECHANICAL  
OVERALL INFLUENT LIFT STATION &  
HEADWORKS SECTION

NO.	ISSUE	BY	DATE	DESCRIPTION
1	ISSUED FOR CONSTRUCTION	RNJ	07/01/20	DESIGNED
2	ADDENDUM NO. 2	RNJ	11/4/19	BROWN
3	VERIFY SCALE	RNJ	8/30/19	REVISION

Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.

SHEET  
M-HW-2  
SEQ. 71

**GENERAL NOTES**

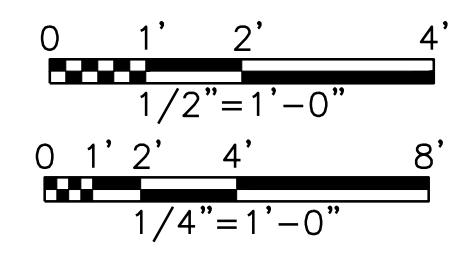
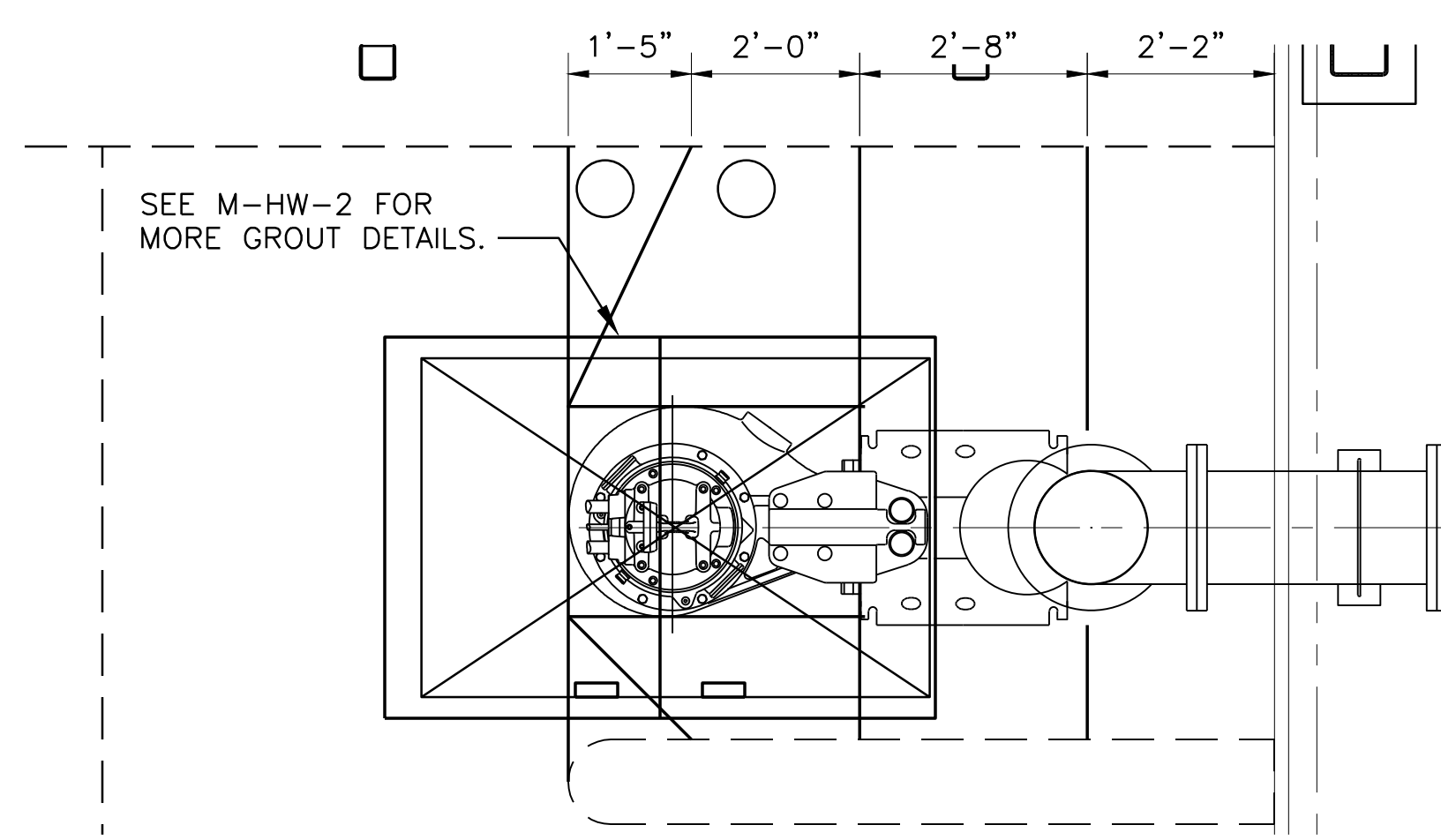
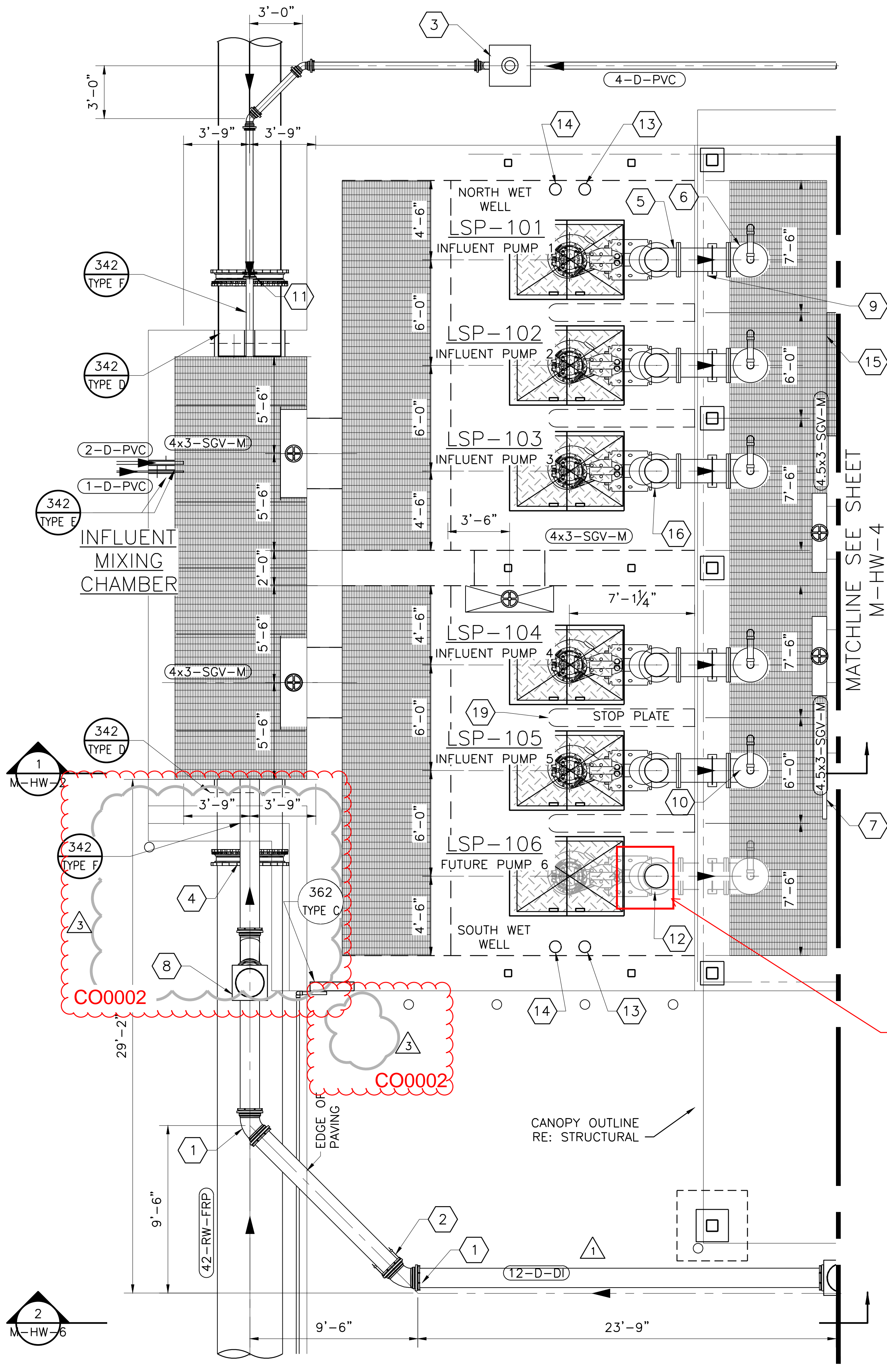
- REFER TO SPECIFICATION SECTION 01 35 00 FOR SPECIAL PROCEDURES AND CONSTRUCTION SEQUENCING.
- REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DETAILS AND ELEVATIONS. REFER TO ELECTRICAL AND INSTRUMENTATION DRAWINGS FOR ELECTRICAL WIRING, ROUTING, LEVEL SENSORS AND OTHER PERTINENT DETAILS.
- MONORAIL AND SUPPORTS NOT SHOWN FOR CLARITY. SEE STRUCTURAL SHEETS S-HW-5 AND S-HW-6 AND S-HW-9 FOR DETAILS.
- ALL INTERIOR CONCRETE SURFACES OF THE HEADWORKS INFLUENT CHANNEL STRUCTURE SHALL BE COATED PER SPECIFICATION SECTION 09 96 01.
- SLOPE GROUT @ 20% MIN. TOWARD THE PUMPS TYPICAL. VERIFY DIMENSIONS WITH PUMP MANUFACTURER PRIOR TO CONSTRUCTION.
- ALL ABOVE GRADE NPW PIPING TO BE INSULATED PVC AND SHALL BE SUPPORTED BY 316 STAINLESS STEEL PIPE STRAPS AT A MINIMUM SPACING AS SHOWN IN DETAIL 340, TABLE A. ALL OTHER ABOVE GRADE PIPING TO BE DUCTILE IRON, UNLESS OTHERWISE NOTED.
- INSTALL 72"x48" DUAL-DOOR HATCHES FOR ACCESS TO SUBMERSIBLE RAW SEWAGE PUMPS. CONTRACTOR SHALL COORDINATE WITH SUBMERSIBLE PUMP AND FLOOR ACCESS DOOR MANUFACTURERS TO PROVIDE NOTCH OPENING PER TYPICAL PUMP LIFTING AND CABLING STANDARD DETAIL TO ACCOMMODATE SUBMERSIBLE PUMP CABLES.
- 4" HDGP VENT ON EACH DISCHARGE LINE TO BE ROUTED TO HEADWORKS INFLUENT CHANNEL TO DISCHARGE ELEVATION OF 649.00'.
- FOR ALL PUMPS, CONTRACTOR TO COORDINATE WITH PUMP MANUFACTURER TO INSTALL PUMP LIFTING AND CABLING SYSTEM. RE: 3/SD-17.
- GROUT ALL CORNERS OF CHANNELS AND BASINS TO MINIMIZE SOLIDS ACCUMULATION, RE: 2/SD-17.

**NOTES BY SYMBOL "○"**

- ① 12" 45° BEND, DI, MJ
- ② 12" FLEXIBLE COUPLING ADAPTER
- ③ CLEANOUT, RE: 311/SD-16
- ④ 12" FLEXIBLE COUPLING ADAPTER
- ⑤ 16" 90° BEND, DI, FLG (TYP. 5 PLACES)
- ⑥ 4" HDGP VENT PIPING WITH 304 STAINLESS STEEL FASTENERS. (TYP. 5 PLACES)
- ⑦ 316 STAINLESS STEEL REMOVABLE STOP PLATE.
- ⑧ CLEANOUT, RE: 311/SD-16
- ⑨ PIPE SUPPORT, RE: 340 TYPE G/SD-12 (TYP. 5 PLACES)
- ⑩ 4" 90° BEND, HDGP (TYP. 5 PLACES)
- ⑪ 4" FLEXIBLE COUPLING ADAPTER
- ⑫ **INSTALL CONCRETE PENETRATION WITH 20" 316 STAINLESS STEEL WALL SLEEVE, RE: 342 TYPE D/SD-8, AND INSTALL 316 STAINLESS STEEL BOLTED COVER OVER PENETRATION OPENING.**
- ⑬ 8" 316 SS SLEEVE FOR PRESSURE TRANSDUCER, RE:342 TYPE D/SD-8 AND ELECTRICAL SHEETS.
- ⑭ 8" 316 SS SLEEVE FOR LEVEL FLOATS, RE:342 TYPE D/SD-8 AND ELECTRICAL SHEETS.
- ⑮ STRAIGHT EDGE WEIR AND PLATE, OVERFLOW EL. 647.22' RE: 384/SD-3.
- ⑯ 16" MAG METER, SS, FLG (TYP. 5 PLACES)

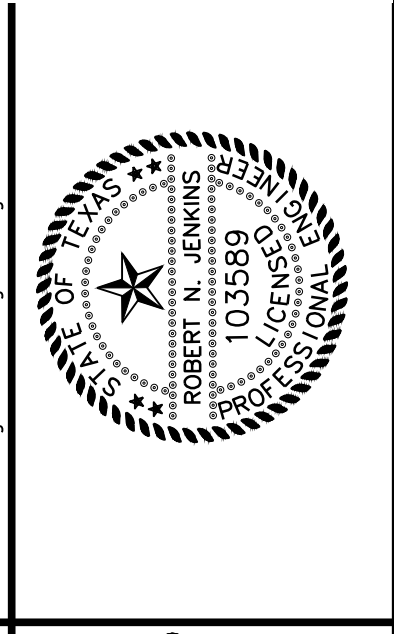
**RCP 0004**  
Eliminate Bolted Cover. Complete Pipe penetration as indicated for pumps LSP-101-105.

**RCP 0004**  
Provide LSP-106 guide rail, base TEE, discharge piping, and pipe supports.



**TOP PLAN**  
1/4"=1'-0"

**PUMP GROUTING PLAN**  
1/2"=1'-0"



**FREES & NICHOLS**  
10431 Morado Circle, Suite 300  
Austin, Texas 78759  
Phone - (512) 617-3100  
Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
**CENTRAL WWTG EXPANSION**  
PHASE I IMPROVEMENTS  
MECHANICAL  
INFLUENT LIFT STATION PLAN

NO.	ISSUE	BY	DATE	REV. JOB NO.	PFL16607
1	RCP-002	RNJ	07/01/20	DESIGNED	RHJ
2	ISSUED FOR CONSTRUCTION	RNJ	11/4/19	DRAWN	MA
3	ADDENDUM NO. 2	RNJ	8/30/19	REVISED	GHB

Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.

SHEET **M-HW-3**  
SEQ. 72

ISSUED FOR BID

# Cost to Install ILS Pump #6 Complete in Phase 1 Contract

Labor	Rate	Unit	Quantity	IPS 6					Total
				Day 1	Day 2	Day 3	Day 4	Day 5	
<b>IPS 6</b>									
<b>Set Pump</b>									\$ -
Foreman	\$ 40.00	MP	1	8					\$ 320.00
Laborer	\$ 24.00	MP	3	8					\$ 576.00
<b>Run Piping/Guide Rails/Pipe Supports</b>									\$ -
Foreman	\$ 40.00	MP	1		8	8	8		\$ 960.00
Pipe Fitters	\$ 30.00	MP	2		8	8	8		\$ 1,440.00
Laborer	\$ 24.00	MP	1		8	8	8		\$ 576.00
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
<b>Subtotal</b>									\$ 3,872.00
Payroll Taxes and Insurance (55%)									\$ 2,129.60
<b>Total Labor</b>									\$ 6,001.60
<b>Non-Taxed Material</b>									
<b>IPS 6</b>									\$ -
Misc Hardware	\$ 300.00	LS	1	1					\$ 300.00
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
<b>Subtotal</b>									\$ 300.00
<b>Taxed Material</b>									
									\$ -
<b>Subtotal Taxed Material + 8.25%</b>									\$ -
<b>General Condition Material</b>									
Small Tools 5% labor									\$ 193.60
<b>Total Material</b>									\$ 493.60
<b>Equipment</b>									
<b>IPS 6</b>									
150 Ton Crane	\$ 514.00	Day	1	1	1	1	1		\$ 2,056.00
									\$ -
									\$ -
									\$ -
									\$ -
<b>Subtotal</b>									\$ 2,056.00
Fuel, Oil, Grease & Maintenance (40% fo Equipment)									\$ 822.40
Tax @ 8.25%									\$ 169.62
<b>Total Equipment</b>									\$ 3,048.02
<b>Subcontractor</b>									
T. Morales Company	\$ 97,175.00	LS	1						\$ 97,175.00
Percision Pumps	\$ 70,000.00	LS	1						\$ 70,000.00
Alterman	\$ 10,000.00	LS	1						\$ 10,000.00
Ferguson	\$ 56,758.18	LS	1						\$ 56,758.18
									\$ -
									\$ -
<b>Total Subcontractor</b>									\$ 233,933.18
<b>Totals</b>	\$ 6,001.60			\$ 233,933.18				\$ 493.60	\$ 240,428.38
<b>Insurance (1.8%)</b>									\$ 4,327.71
<b>Overhead and Profit (5% for subs)</b>									\$ 11,696.66
<b>Overhead and Profit (15% Self Performed Work)</b>									\$ -
<b>Subtotal</b>									\$ 256,452.75
<b>Bond @ 1%</b>									\$ 2,564.53
<b>Total</b>									\$ 270,043.06

\*\*Subject to change  
 \*\*Subject to change  
 \*\*Subject to change  
 \*\*Subject to change

Add \$11,025.78 for Ferguson price increase

\$270,043.06





Tax @ 8.25%									\$ 994.62
<b>Total Equipment</b>									<b>\$ 17,873.02</b>

Subcontractor	Rate			IPS 6					Total
T. Morales Company	\$ 97,175.00	LS	1						\$ 97,175.00
Percision Pumps	\$ 70,000.00	LS	1						\$ 70,000.00
Alterman	\$ 10,000.00	LS	1						\$ 10,000.00
Ferguson	\$ 56,758.18	LS	1						\$ 56,758.18
									\$ -
									\$ -
<b>Total Subcontractor</b>									<b>\$ 233,933.18</b>

\*\*Subject to change  
 \*\*Subject to change  
 \*\*Subject to change  
 \*\*Subject to change

	Labor			Subcontractor	Equip		Material	Total
Totals	\$ 22,816.00			\$ 233,933.18	\$ 17,873.02		\$ 1,036.00	\$ 275,658.20
Insurance (1.8%)								\$ 4,961.85
Overhead and Profit (8% for subs)								\$ 18,714.65
Overhead and Profit (18% Self Performed Work)								\$ 8,403.64
Subtotal								\$ 307,738.34
Bond @ 1%								\$ 3,077.38
<b>Total</b>								<b>\$321,841.50</b>

Add \$11,025.78  
 for Ferguson  
 price increase

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>
<b>Change Proposal No.:</b> <u>CP0035</u> <b>Description:</b> <u>HVAC unit for Turbidity Building</u>			
<b>Specification:</b> <u>N/A</u>			
<b>Drawing No.:</b> <u>N/A</u> <b>Detail Description:</b> <u>N/A</u>			
<b>Reference Document:</b>			
<input checked="" type="checkbox"/> Request for a Change Proposal No.: <u>003</u> <input type="checkbox"/> Request for Information No.: _____ <input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input type="checkbox"/> Field Order No.: _____			
<b>Contractor proposes the following modifications to the Contract Documents:</b>			
Install a portable HVAC unit at the Filter Turbidity Building in accordance with RCP 003.			
<b>Purpose of Change Proposal:</b>			
The portable HVAC unit is needed to ensure the filter turbidity equipment is maintained within a suitable environment.			
<b>Attachments:</b>			
<b>Requested Action:</b>			
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes			
<b>Basis of Compensation:</b>			
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01 <input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01			
<b>Required Documentation:</b>			
<input checked="" type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change <input type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times			
<b>Total Change Proposal Amount:</b> <u>\$3,362.56</u> <b>Adjustment in Contract Times (days):</b> <u>2</u>			

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

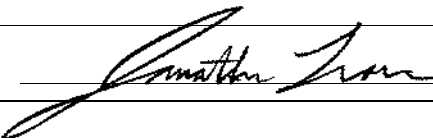
**Certified by:** Dennis Berger **Date:** 9/17/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/20/2021



July 8, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP035 RCP 3

Dear Mr. Gaughan,

Please find the attached pricing and quotations for RCP 3. BAR Constructors, Inc. requests an ADD to the contract amount of \$3,362.56 and a time extension of 2 calendar days. Below are those inclusions and exclusions associated with this work.

Inclusions:

- As stated in the provided quotes.
- All “Assumptions” as stated in provided quotes.

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.





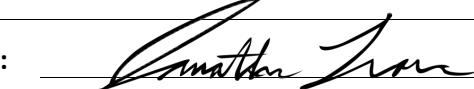
Tax @ 8.25%									\$ -
<b>Total Equipment</b>									<b>\$ -</b>

Subcontractor	Rate					RCP 3			Total
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
									\$ -
<b>Total Subcontractor</b>									<b>\$ -</b>

	Labor			Subcontractor	Equip			Material	Total
Totals	\$ 2,046.00			\$ -	\$ -			\$ 804.40	\$ 2,850.40
Insurance (1.8%)									\$ 51.31
Overhead and Profit (5% for subs)									\$ -
Overhead and Profit (15% Self Performed Work)									\$ 427.56
Subtotal									\$ 3,329.27
Bond @ 1%									\$ 33.29
<b>Total</b>									<b>\$ 3,362.56</b>

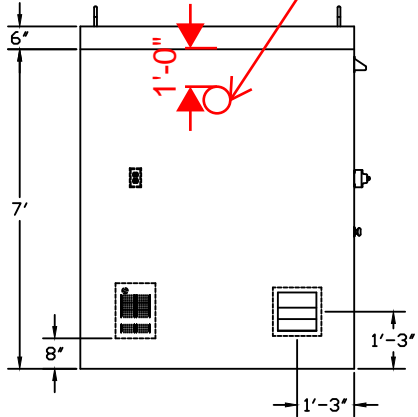


<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607
<b>Request No.:</b>	0003	<b>Description:</b>	Filter Turbidity Building Portable AC Unit
<b>Specification:</b>	N/A		
<b>Drawing No.:</b>	N/A	<b>Detail Description:</b>	N/A
<b>Reference Document:</b>			
<input type="checkbox"/> Request for Information No.: _____ <input type="checkbox"/> Shop Drawing Deviation Request No.: _____			
<input type="checkbox"/> Work Change Directive No.: _____ <input type="checkbox"/> Contract Document: _____			
<p><i>The Owner requests that the Contractor prepare a Change Proposal for the changes in the Contract Documents described in this Request for a Change Proposal. The compensation offered for this Change Proposal is to be the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Amendment. Requested changes in Contract Times are to be the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor will be entitled. Authorization to proceed with changes must be approved by the Owner in accordance with the Contract Documents.</i></p>			
<b>Owner requests a Change Proposal for the following modifications to the Contract Documents:</b>			
<b>Item 1: Filter Turbidity Building Temporary A/C Unit</b>			
<b>Description of Work:</b>			
<ol style="list-style-type: none"> <li>1. Install 120V portable A/C unit in the filter turbidity building per the attached drawing. Use exterior rated sealant and backer bar for A/C duct wall penetration.</li> <li>2. Portable A/C Requirements           <ol style="list-style-type: none"> <li>a. 7,500 BTU</li> <li>b. A/C and Dehumidifier</li> <li>c. Evaporative Condensate</li> <li>d. Recommended Model - <a href="#">GE 7,500 BTU Portable Air Conditioner with Dehumidifier</a></li> </ol> </li> <li>3. 120V portable A/C Unit can plug into existing receptacles.</li> </ol>			
<b>Purpose of Change Proposal:</b>			
The portable A/C unit is to be installed to ensure the filter turbidity equipment is maintained within a suitable environment.			
<b>Attachments:</b>			
CWWTP1 Filter Turbidity Building Portable AC Unit			

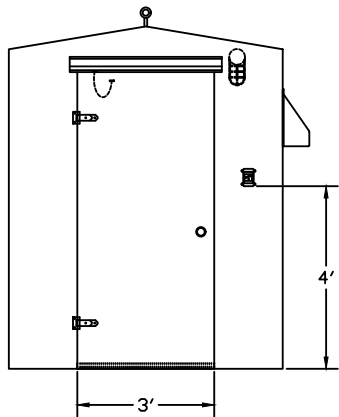
<b>Project:</b> Central Wastewater Treatment Plant	<b>Project Number:</b> 88
<b>Owner:</b> City of Pflugerville	279
<b>Contractor:</b> BAR Constructors, Inc	PFL16607
<b>Engineer:</b> Freese and Nichols, Inc	
<b>Status:</b> <input type="checkbox"/> Change Proposal No.: _____ Received <input type="checkbox"/> Cancelled	
<b>Action Required:</b> <input type="checkbox"/> Documents Filed <input type="checkbox"/> Cancelled	
<b>Requested by:</b> 	<b>Date:</b> 06/16/2021

EXTERIOR COLOR: #2445 GRAY CLOUD	LOAD CENTER: 125 A, ML, 120/240 VAC, 1P
INTERIOR COLOR: #2445 GRAY CLOUD	NEMA 1 - SIEMENS E08ML1125AS
INSULATION: 1" (R~7)	DOUBLE TOGGLE SWITCH
DOOR HDR: SCHLAGE SS CLASSROOM STYLE	LIGHT: (2) JELLY JAR - M 14915K54
SS STRAP HINGES	FAN: 585 CFM - G 1HLA1
SS DOOR STOP CHAIN	SHUTTER: 10" X 10" - G 5C210
ACCESSORIES: XHHW-2 WIRING	HEATER: 1500 WATT - G 5ZK68 & G5ZK72
	OUTLET: GFCI - LEVITON

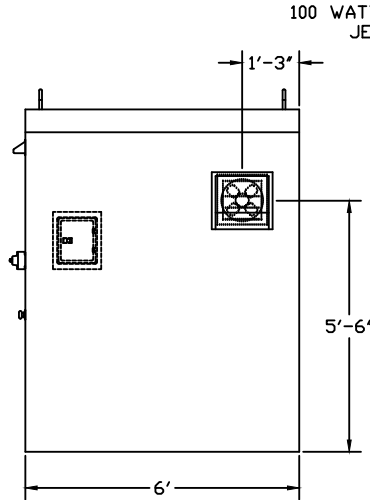
PENETRATION FOR DUCTING. SEAL WITH EXTERIOR RATED SEALANT AND BACKER ROD



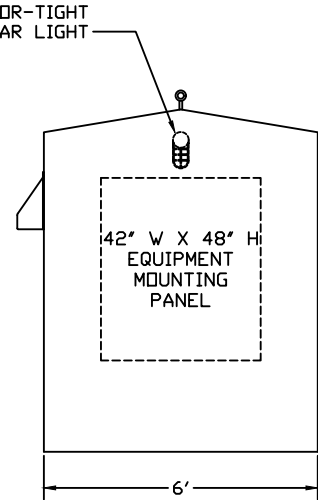
LEFT ELEVATION



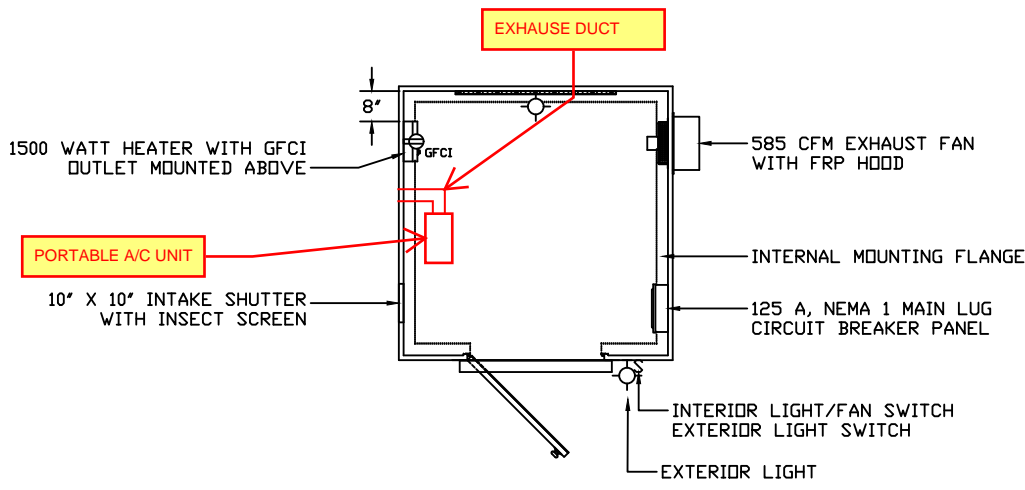
FRONT ELEVATION



RIGHT ELEVATION



REAR ELEVATION



PLAN VIEW

1) ANCHOR BOLTS BY OTHERS

	ONE-PIECE FRP BUILDING, 6'-0" W X 6'-0" D X 7'-6" H WITH EXTRA LIGHT, XHHW-2 WIRING, DOUBLE TOGGLE SWITCH	
	DWG. NO. OPB-72-72-90-XHHW-LIGHT	REV 0
PROJECT	BAR CONSTRUCTORS PFLUGERVILLE, TX	DATE 9/15/20



Quote	QTE00027444
-------	-------------

13730 Avenue K  
 Austin TX 78728  
 (512) 251-0606 Ext. 0308

**REMIT TO:** REINFORCING STEEL SUPPLY  
 13730 Avenue K  
 Austin TX 78728

**Bill To:**

BAR CONSTRUCTORS, INC sherylc@barconstructors.com
--

**Work Site:**

BAR CONSTRUCTORS, INC PO BOX 10 LANCASTER, TX 75146 SHERYL CATHY
---

Purchase Order #	Customer ID	Sales Rep.	Shipping Method	Payment Terms	Req'd Ship Date	Master No.
	BARCONSTRUCTORS	DENISE	PICKUP	DUE 10TH	09/16/2020	445,250

Quantity	Item Number	Description	Weight	Tax	Unit Price	Ext. Price
1,100	KOOL ROD 3/4"	KOOL ROD 3/4" (BACKER ROD)	0.00		\$0.09	\$99.00
12	100327	SL1 LIMESTONE	0.00		\$19.95	\$239.40
<b>Total Weight: 0</b>					<b>Subtotal</b>	<b>\$338.40</b>



7,500 BTU Portable Air Conditioner with Dehumidifier and Remote in White

by GE ★★★★★ (140)

\$399<sup>00</sup>



[Product Overview](#)

[Specifications](#)

[Questions & Answers](#)

[Customer Reviews](#)

## Specifications

### Dimensions

Product Depth (in.)	14.7 in	Product Height (in.)	28.9 in
Product Width (in.)	16.73 in		

### Details

Adjustable Humidistat	No	Air Conditioner Features	No Additional Features
Air Conditioner Product Type	Portable Unit	Air direction/circulation	2-way
Amperage (amps)	8.7	Appliance Category	A/Cs and Fans
BTU Cooling Rating (ASHRAE)	10000 BTU	BTU Cooling Rating (DOE SACC)	7500 BTU
Color Family	White	Combined Energy Efficiency Ratio (CEER)	7.75
Commercial/Residential	Commercial	Commercial/Residential Use	Commercial
Control Type	Remote Control	Controls	Digital
Cooling Area (Sq. Ft.)	300	Cord Length (ft.)	6
Decibel (Sound) Rating	01-Not Measured	Decibel Rating	Not Measured
Dehumidifier Included	With Dehumidifier	Energy Efficiency Ratio (EER)	10.2
Filter Type	Mesh	Heater Included	Without Heater
Included	Remote Control	Moisture removal capacity (pints/day)	60
Number of cool settings	3	Number of Fan Speeds	3
Product Weight (lb.)	60.5 lb	Returnable	90-Day
Vent Hose Exhaust Configuration	Single Hose	Voltage (volts)	115
Wattage (watts)	980		

### Warranty / Certifications

Certifications and Listings	UL Listed	Manufacturer Warranty	Limited 1-year
-----------------------------	-----------	-----------------------	----------------

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>
<b>Change Proposal No.:</b> <u>CP0037</u> <b>Description:</b> <u>Electrical Building Ladder Anchors.</u>			
<b>Specification:</b> <u>N/A</u>			
<b>Drawing No.:</b> <u>N/A</u> <b>Detail Description:</b> <u>N/A</u>			
<b>Reference Document:</b>			
<input type="checkbox"/> Request for a Change Proposal No.: _____ <input type="checkbox"/> Request for Information No.: _____ <input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input checked="" type="checkbox"/> Field Order No.: <u>010</u>			
<b>Contractor proposes the following modifications to the Contract Documents:</b>			
Provide new anchor attachment of ladders to Electrical Buildings in accordance with FO 0010.			
<b>Purpose of Change Proposal:</b>			
The Structural Engineer issued a revised ladder anchor attachment detail on 6/29/21 that provides a more structurally secure ladder. Revision to the ladder at EB-3 will be required and additional hardware will be required at EB-1 and 2.			
<b>Attachments:</b>			
<b>Requested Action:</b>			
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes			
<b>Basis of Compensation:</b>			
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01 <input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01			
<b>Required Documentation:</b>			
<input checked="" type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change <input type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times			
<b>Total Change Proposal Amount:</b> <u>\$9,286.04</u> <b>Adjustment in Contract Times (days):</b> <u>5</u>			

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 9/17/2021

**Action:**

Field Order No.: \_\_\_\_\_ Issued   
  Change Order No.: 005 Issued  
 Contract Amendment No.: \_\_\_\_\_ Issued   
  Work Change Directive No.: \_\_\_\_\_ Issued  
 Change Proposal Not Accepted   
  Additional information required. See comments.   
  Cancelled

**Comments:**  
 Approved

---

**Response by:**  **Date:** 9/20/2021



July 29, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP037 Field Order 10 – EB Ladders

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the Electrical Building Ladders based on Field Order 10. BAR Constructors, Inc. requests an ADD to the contract amount of \$9,286.04 and a time extension of 5 calendar days. Below are those inclusions and exclusions associated with this work.

Inclusions:

- As stated in the provided quotes.
- All “Assumptions” as stated in provided quotes.

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.





Tax @ 8.25%									\$ 74.33
<b>Total Equipment</b>									<b>\$ 1,335.73</b>

Subcontractor	Rate			Ladder Anchoring @ Ebs				Total
Cody Builders	\$ 1,450.00	LS	1					\$ 1,450.00
								\$ -
								\$ -
<b>Total Subcontractor</b>								<b>\$ 1,450.00</b>

	Labor			Subcontractor	Equip		Material	Total
Totals	\$ 4,092.00			\$ 1,450.00	\$ 1,335.73		\$ 1,118.07	\$ 7,995.80
Insurance (1.8%)								\$ 143.92
Overhead and Profit (5% for subs)								\$ 72.50
Overhead and Profit (15% Self Performed Work)								\$ 981.87
Subtotal								\$ 9,194.10
Bond @ 1%								\$ 91.94
<b>Total</b>								<b>\$ 9,286.04</b>

<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607

**Field Order No.:** 0010    **Date:** 6/29/2021    **Change Proposal No.:** \_\_\_\_\_

*The Contractor is directed to make the changes in the Work described in this Field Order. The OPT has determined that this change in the Work can be accomplished without a change in the Contract Price or Contract Times. Submit a Change Proposal if Contractor believes that this Field Order justifies an adjustment in the Contract Price or Contract Times before proceeding with the Work described below:*

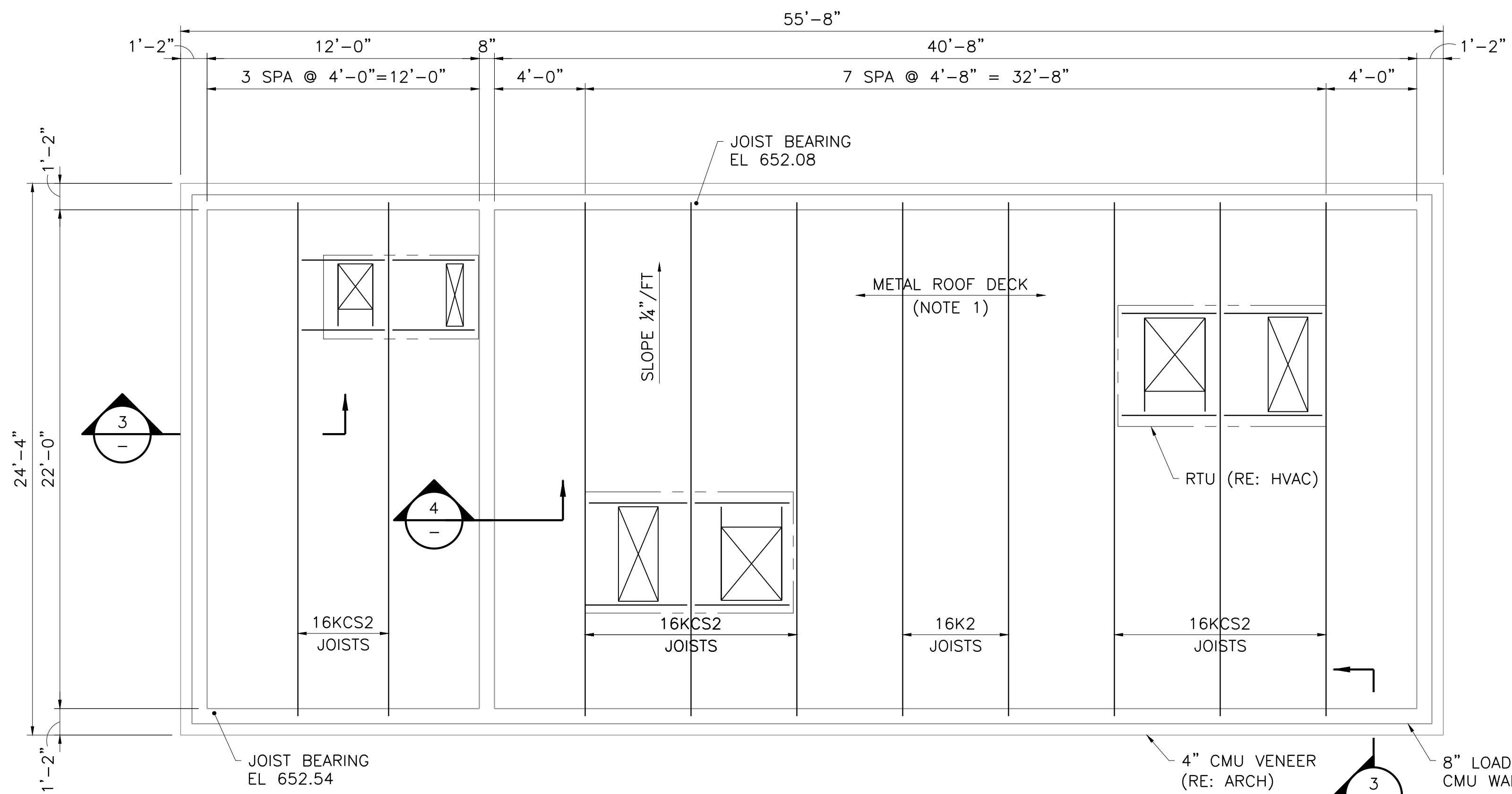
**RE: S-EB-2 Electrical Building No. 1 Framing and CMU Wall Layout Plans**

Replace sheet **S-EB-2 Electrical Building No. 1 Framing and CMU Wall Layout Plans** with the revised version attached to this field order. The modification to this sheet clarifies the means of attaching the roof ladders to the side of the electrical buildings via anchoring into the 8" CMU wall.

**Approved by:** Project Construction Manager

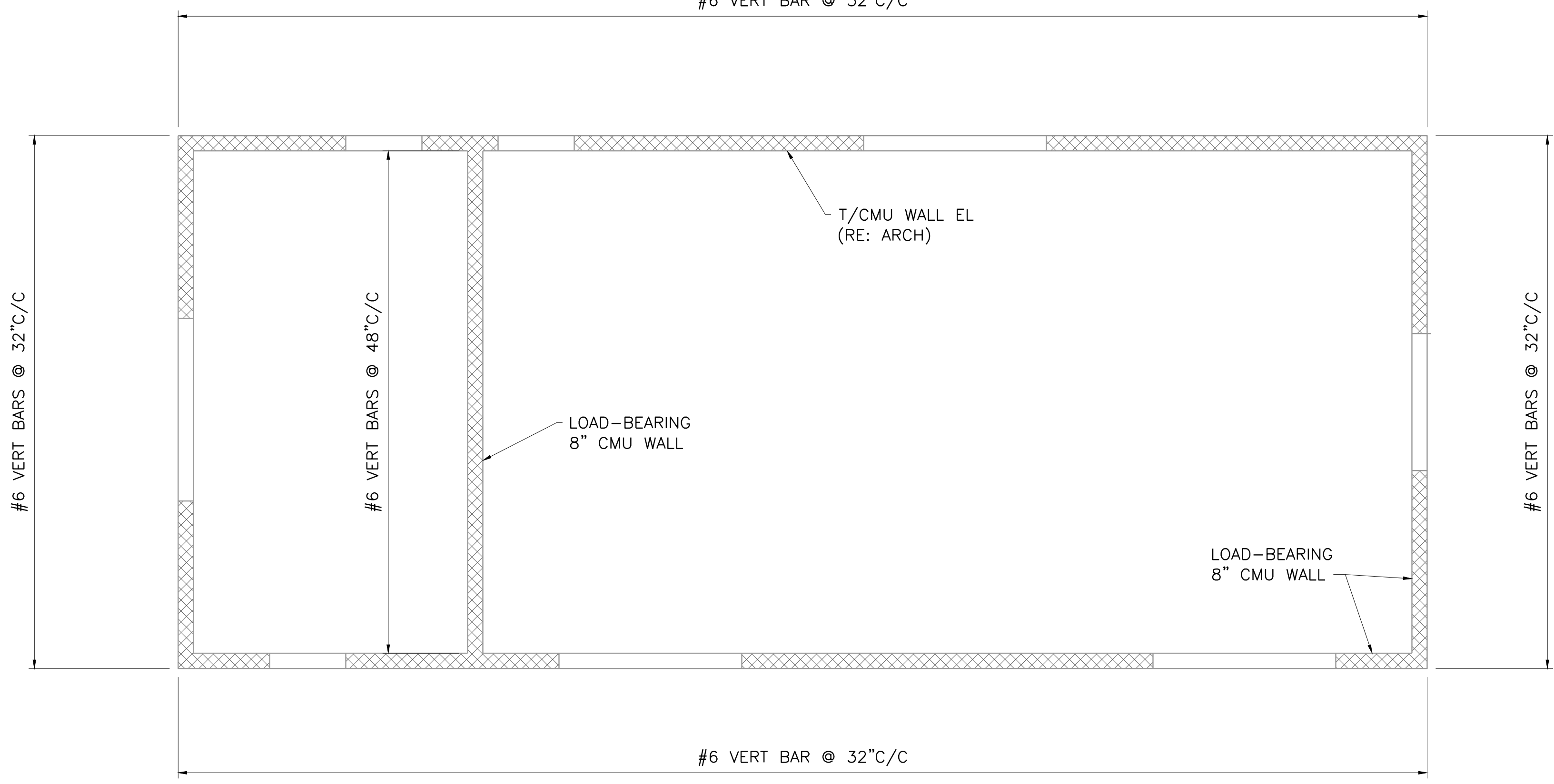

  
Name \_\_\_\_\_ Date 6/29/2021

ACAD: Rel: 23.0s (LMS Tech)  
 Filename: N:\ST\ST-EB1-PL-FRMG.dwg  
 Last Saved: 6/28/2021 3:43 PM  
 Saved By: 02856

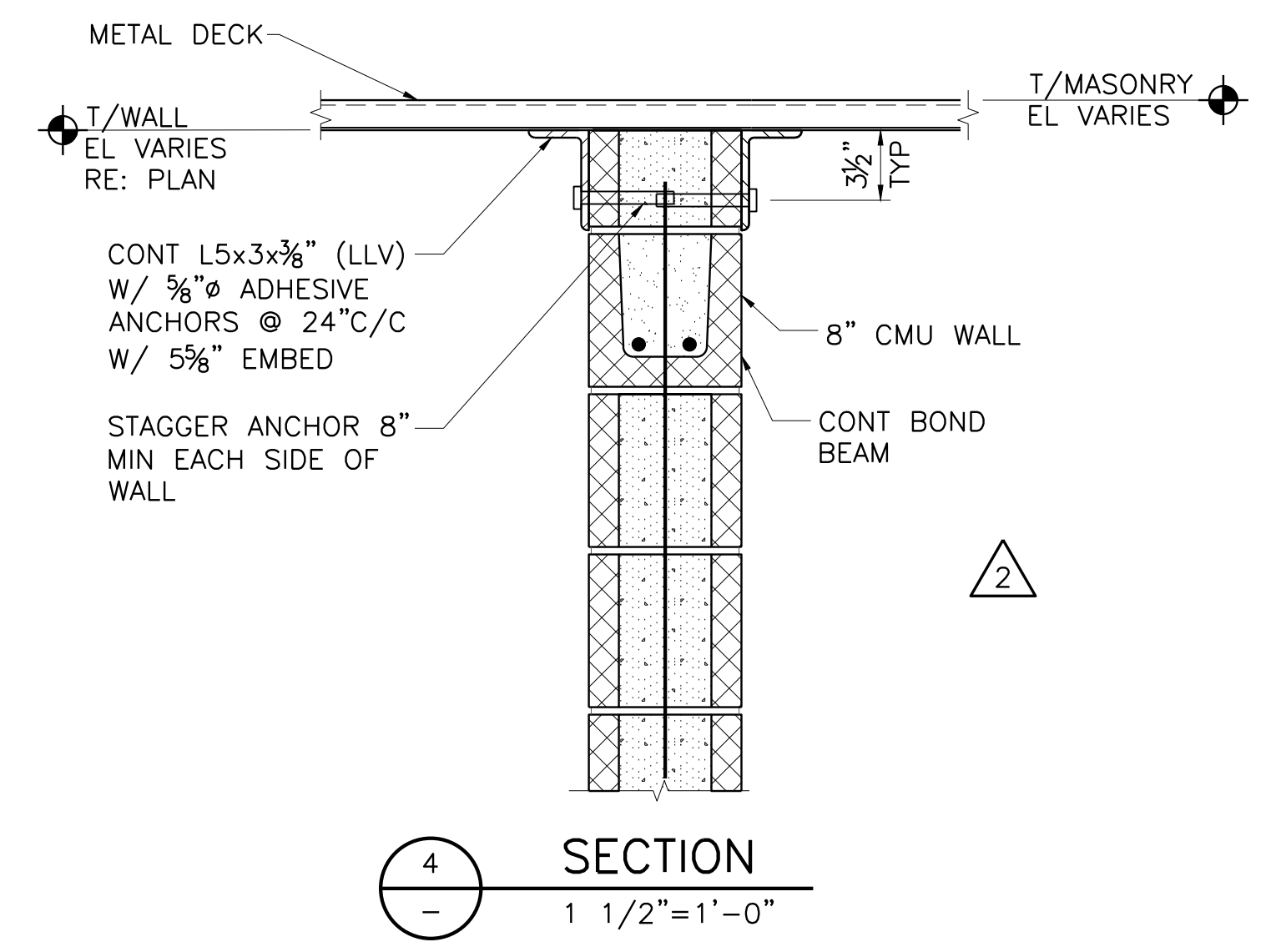
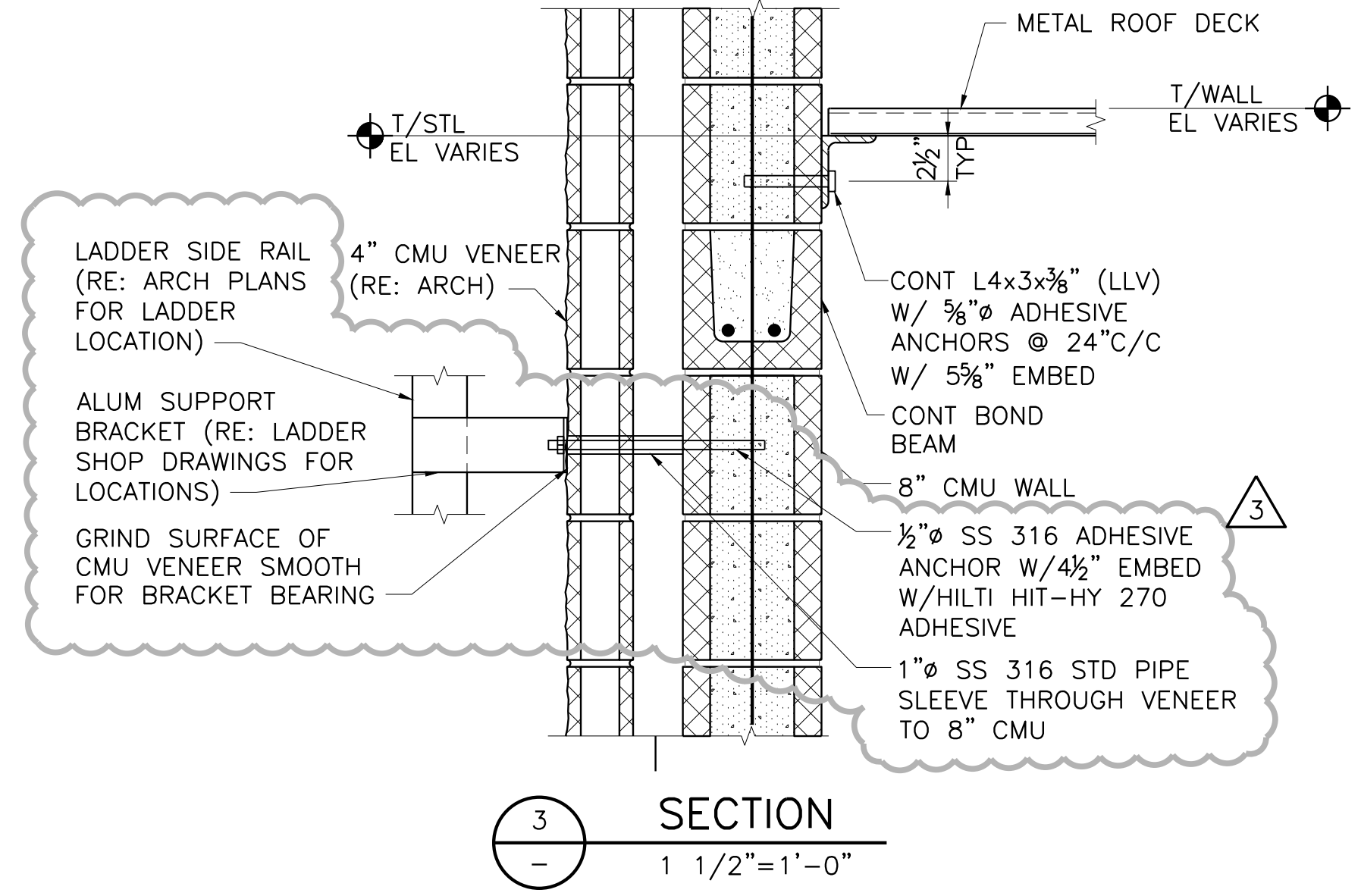


**ROOF FRAMING PLAN NOTES**  
 1. METAL ROOF DECKS 1.5", 20 GAGE, GALV, WIDE RIB METAL DECK.  
 2. COORDINATE ALL ROOF OPENING WITH ARCHITECTURAL AND OTHER DISCIPLINES.

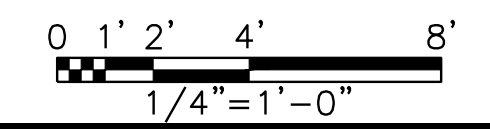
**ROOF FRAMING PLAN**  
 1/4"=1'-0"  
 #6 VERT BAR @ 32"C/C



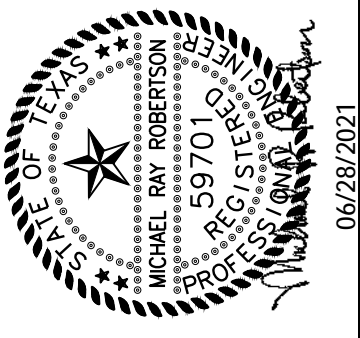
**CMU WALL LAYOUT AND REINFORCING PLAN**  
 1/4"=1'-0"



**CMU PLAN NOTES**  
 1. REFER TO TYPICAL CMU DETAILS ON SHEET SD-29.  
 2. ALL OPENINGS ARE NOT SHOWN. COORDINATE WITH ARCHITECTURAL AND OTHER DISCIPLINES FOR ADDITIONAL OPENING LOCATIONS. COORDINATE ALL REQUIRED OPENINGS PRIOR TO SUBMITTING SHOP DRAWINGS. SHOWN ALL OPENINGS AND APPLICABLE REINFORCING ON SHOP DRAWINGS.  
 3. CJ= CONTROL JOINT IN 8" REINFORCED CMU WALL. REFER TO ARCHITECTURAL FOR CONTROL JOINTS IN 4" CMU VENEER. CONTROL JOINTS LOCATIONS SHOWN ARE APPROXIMATE, ADJUST +/- 8" AS REQUIRED TO COORDINATE WITH OPENING AND AVOID OTHER CONFLICTS. DO NOT LOCATE CONTROL JOINTS WITHIN "MULTI-CELL JAMBS, UNLESS OTHERWISE NOTED.  
 4. REINFORCING IS TYPICAL. COORDINATE REINFORCING WITH OPENINGS, CORNERS, INTERSECTIONS, AND CONTROL JOINTS. PROVIDE ADDITIONAL REINFORCING AS REQUIRED BY TYPICAL CMU DETAILS ON SHEET SD-29.



Freese and Nichols, Inc.  
 Texas Registered Engineering Firm F-2144



**FREES & NICHOLS**  
 10431 Morado Circle, Suite 300  
 Austin, Texas 78759  
 Phone - (512) 617-3100  
 Fax - (512) 617-3101

CITY OF PFLUGERVILLE  
**CENTRAL WWTP EXPANSION**  
**PHASE I IMPROVEMENTS**  
 STRUCTURAL  
**ELECTRICAL BUILDING NO. 1**  
**FRAMING AND CMU WALL LAYOUT PLANS**

NO.	ISSUE	BY	DATE	REV. NO.	DESCRIPTION	FILE NAME
1	LADDER SUPPORT BRACKET DETAIL	MRR	06/28/21	DESIGNED	MRR	JLM
2	ISSUED FOR CONSTRUCTION	MRR	11/04/19	BROWN	JLM	
3	ADDENDUM NO. 4	MRR	09/16/19	REVISED		
4	VERIFY SCALE					

Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.

SHEET  
**S-EB-2**  
 SEQ. 233

To: Bar Constructor Inc.  
Attn: Trevor Wolfe

Cody Builders Supply  
12002 N Lamar Blvd  
Austin, TX 78753  
Ph 512/339-9834  
Fax 512/339-0165  
metals@codybuilderssupply.com



## CHANGE ORDER

Date: 07/23/2021

CO NO.: PF-CO-14

Project: Pflugerville Central WWTP Phase1

SUBJECT SS pipe sleeves and hardware for ladders.

REFERENCE (RFI/Dwg/Etc): \_\_\_\_\_

REQUESTED BY: Trevor Wolfe

### Information/Explanation of Change:

Below is the cost of additional SS pipe sleeves and hardware for ladder connections.

	Qty	Cost
SS 1" Dia x 7" long Sch40 Pipe	36	430.00
Hardware	36	810.00
Labor		210.00
Total Cost		1,450.00

### Pricing:

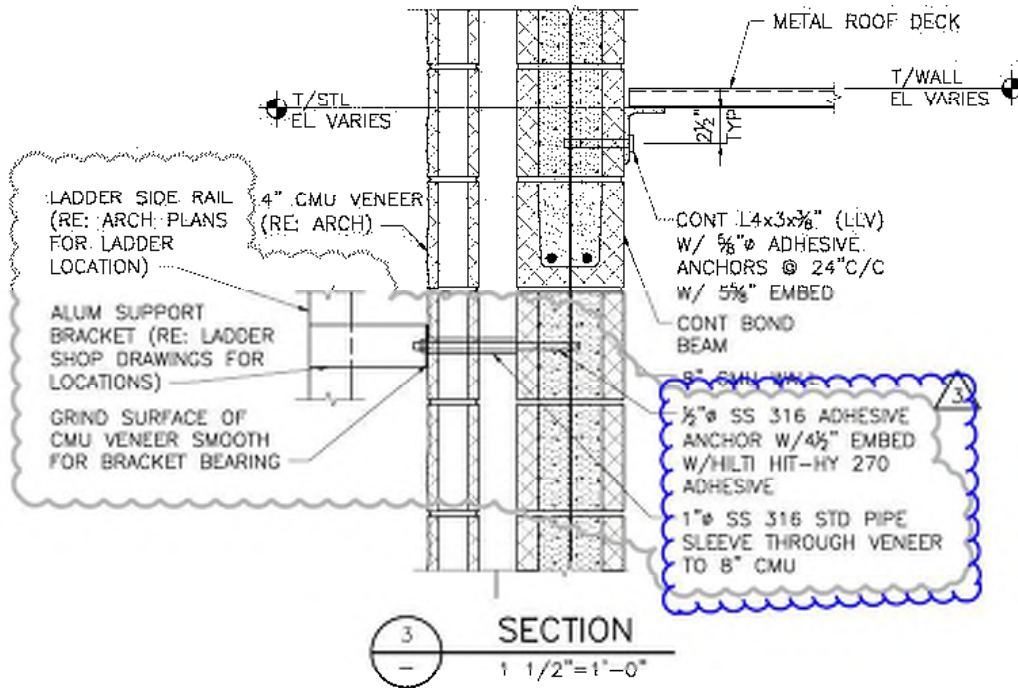
Total Amount of this change order \$ 1,450

Attachments: None

SCHEDULE IMPACT?  YES  NO  TBD ADD  SUBTRACT  \_\_\_\_\_ number of \_\_\_\_\_

PREPARED BY: Erdem Biyikli APPROVED BY: \_\_\_\_\_

**Note: Notice to proceed is considered acceptance of price quoted.**





Customer Service  
T 1-800-879-8000  
F 1-800-879-7000  
www.hilti.com

**Bill-To Address**

BAR CONSTRUCTORS INC  
PO Box 10  
LANCASTER TX 75146-0010

**Delivery Address**

BAR CONSTRUCTORS INC  
c/o Pflugerville WWTP job-site  
15500 SUN LIGHT NEAR WAY  
PFLUGERVILLE TX 78660

**Quotation 922846210**

Page 1(1)

<b>Order Type:</b>	Quotation	<b>Customer Number:</b>	10825372
<b>Creation Date:</b>	07/26/2021	<b>Purchase Order No.:</b>	Quote - Epoxy
<b>Our Contact:</b>	Shawn Crane	<b>Your Reference:</b>	
		<b>Your Main Contact:</b>	TREVOR WOLFE
		<b>Your Main Contact Tel.:</b>	972-227-3287

Item No.	Description	Ordered Quantity	Net Price/Unit	Net Value
3580725	HIT-HY 270 (11.1OZ/330ML) 1 MC	1 EA	951.07 EA	951.07
2194247	INJECTABLE MORTAR HIT-HY 270 (11.1OZ/3	25 EA		
	<b>Line Total</b>			<b>951.07</b>
	<b>FREIGHT</b>			<b>35.00</b>
		<b>Final Total</b>	<b>USD</b>	<b>986.07</b>

All transactions subject to Hilti's Terms and Conditions available at [www.hilti.com](http://www.hilti.com).  
Price subject to change without notice.



Equipment > Aerial Work Platforms > Boom Lifts

Location Edit

City Pflugerville, TX 78660

Search within Boom Lifts

Navigation Collapse

Aerial Work Platforms

- Aerial Attachments & Safety
- Mobile Platforms
- Scissor Lifts
- Boom Lifts

## Boom Lifts (28)

Boom lifts come in two designs: Articulating (Knuckle) booms, and Telescopic (Straight) booms.

Articulating Boom Lifts are aerial work platforms with multiple sections that "articulate," allowing the user to gain access to work areas that may be blocked ...

[Show More](#)



Cat Class Code: 310-4048

### Articulating Boom Lift, 40 ft.-42 ft., Electric Powered

Daily \$301

**Weekly \$901**

Monthly \$1,803

[Quick View](#)

Add to Cart





<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

<b>Change Proposal No.:</b>	<u>CP0040</u>	<b>Description:</b>	<u>Conductivity Probe adjustment at UV</u>
<b>Specification:</b>	<u>N/A</u>		
<b>Drawing No.:</b>	<u>N/A</u>	<b>Detail Description:</b>	<u>N/A</u>

**Reference Document:**

Request for a Change Proposal No.: \_\_\_\_\_
  Request for Information No.: \_\_\_\_\_  
 Shop Drawing Deviation Request No.: \_\_\_\_\_
  Field Order No.: \_\_\_\_\_

**Contractor proposes the following modifications to the Contract Documents:**

Provide new mounting hardware and new conductivity probes to raise the probes above the UV flow channels. Remove and replace the conductivity probes in the new location.

**Purpose of Change Proposal:**

CWWTP operations staff requested this change from drawings after the probes were installed.

**Attachments:**

**Requested Action:**

Issue a Field Order
  Issue a Work Change Directive or Change Order for the described changes

**Basis of Compensation:**

Unit Prices
  Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01  
 Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01

**Required Documentation:**

Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change  
 Schedule attached to show impacts and justification for requested change in Contract Times

<b>Total Change Proposal Amount:</b>	<u>\$3,437.68</u>	<b>Adjustment in Contract Times (days):</b>	<u>3</u>
--------------------------------------	-------------------	---	----------

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 9/17/2021

**Action:**

Field Order No.: \_\_\_\_\_ Issued    
  Change Order No.: 005 Issued  
 Contract Amendment No.: \_\_\_\_\_ Issued    
  Work Change Directive No.: \_\_\_\_\_ Issued  
 Change Proposal Not Accepted    
  Additional information required. See comments.    
  Cancelled

**Comments:**  
 Approved

**Response by:**  **Date:** 9/20/2021



August 19, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP040 Conductivity Probes at UV

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the Conductivity Probes at UV. BAR Constructors, Inc. requests an ADD to the contract amount of \$3,437.68 and a time extension of 3 calendar days. Below are those inclusions and exclusions associated with this work.

Inclusions:

- As stated in the provided quotes.
- All “Assumptions” as stated in provided quotes

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.

BAR Constructors, Inc. - Cost Detail Worksheet

Job Name: Central WWTP Expanison Phase 1  
 Job # 279  
 Date: 08/19/2021  
 Proposal No. CP040

Labor	Rate	Unit	Quantity	Conductivity Probe at UV					Total
				Day 1	Day 2	Day 3	Day 4	Day 5	
<b>Install Plates</b>									\$ -
Laborer	\$ 24.00	MP	2	8					\$ 384.00
									\$ -
									\$ -
Subtotal									\$ 384.00
Payroll Taxes and Insurance (55%)									\$ 211.20
<b>Total Labor</b>									<b>\$ 595.20</b>

Non-Taxed Material	Rate	Unit	Quantity	Conductivity Probe at UV					Total
<b>Conductivity Probe at UV</b>									\$ -
									\$ -
									\$ -
Subtotal									\$ -

Taxed Material	Rate	Unit	Quantity	Conductivity Probe at UV					Total
									\$ -
									\$ -
Subtotal Taxed Material + 8.25%									\$ -

General Condition Material	Rate	Unit	Quantity	Conductivity Probe at UV					Total
Small Tools 5% labor									\$ 19.20
<b>Total Material</b>									<b>\$ 19.20</b>

Equipment	Rate	Unit	Quantity	Conductivity Probe at UV					Total
<b>Conductivity Probe at UV</b>									\$ -
									\$ -
									\$ -
Subtotal									\$ -
Fuel, Oil, Grease & Maintenance (40% fo Equipment)									\$ -
Tax @ 8.25%									\$ -
<b>Total Equipment</b>									<b>\$ -</b>

Subcontractor	Rate	Unit	Quantity	Conductivity Probe at UV					Total
Xylem	\$ 855.00	LS	1						\$ 855.00
Cody Builders	\$ 200.00	LS	1						\$ 200.00
TMC	\$ 1,460.00	LS	1						\$ 1,460.00
									\$ -
									\$ -
<b>Total Subcontractor</b>									<b>\$ 2,515.00</b>

Totals	Labor	Subcontractor	Equip	Material	Total
Totals	\$ 595.20	\$ 2,515.00	\$ -	\$ 19.20	\$ 3,129.40
Insurance (1.8%)					\$ 56.33
Overhead and Profit (5% for subs)					\$ 125.75
Overhead and Profit (15% Self Performed Work)					\$ 92.16
Subtotal					\$ 3,403.64
Bond @ 1%					\$ 34.04
<b>Total</b>					<b>\$ 3,437.68</b>

Mount Unit to SS Plate so the entire housing is above the aluminum deck

Cut / trim Aluminum deck to accomodate the SS Plate and probe leads

Anchor bolt a ~ 3/16" thick SS (4"x12") plate to channel wall

Keep Conductivity Probes at the present elevation



**Project:** Pflugerville Central Plant WWTP  
Expansion Phase 1

**Date:** 8/19/21  
**TMC Change #:** COR-08

**Owner:** City of Pflugerville

**Project Change #:** N/A

### **Change Order Request**

---

Per the request of the engineer, T. Morales Company offers a change in pricing for consideration by the owner to provide changes for the Transmitter located in the UV system that was supplied by Xylem.

TMC will provide the work and materials required for the change in the height of the level transmitter located in the UV system that was provided by Xylem. TMC will uninstall the transmitters and reinstall the transmitters above grade so in the event the city needs to work on them, they will be located above the cover of the UV.

TMC will also supply the labor and time to notch out the measured holes to allow the Transmitters to be above the cover and run into the UV System.

TMC advises Xylem to come back onsite in order to install longer probes, TMC can not touch that due to warranty concerns.

The Total Cost to provide the changes will equate to a total of \$1,460.00

**Extension in Time Request:**

Submittals and approvals: 0 weeks.  
Lead time for procurement: 0 weeks.  
Approx time for installation: 2 Days.

Change Initiated By: Trevor Wolfe / BAR Const

Change Prepared By: Tye Eldridge / TMC

Change Delivered To: Trevor Wolfe / BAR Const

Response Rqst'd By: ASAP

Carbon Copy To: Kirk Brobst/ TMC

Index	Description	Reference Type	Reference	Ref Amount	Operation	Rate	Amount
1	MATERIALS / QUOTES:						0.00
2	Misc Materials:	Material	Total	0.00	*	1.00	0.00
3	Quote #1	Calculated		0.00	*	1.00	0.00
4	Quote #2	Calculated		0.00	*	1.00	0.00
5	SUBTOTAL						0.00
6	#####						0.00
7	SALES TAX:	Material	Total	0.00	%		0.00
8	SUBTOTAL						0.00
9	#####						0.00
10	LABOR:						0.00
11	Straight Time Labor	Labor	Total	16.00	*	48.00	768.00
12	Overtime Labor	Calculated		0.00	*	69.33	0.00
13	Exec Order 13706 Hours	Labor	Total	16.00	*		0.00
14	Exec Order 13706 Rate	Component	13	0.00	*	46.22	0.00
15	Gen Foreman Hours	Labor	Total	16.00	%	10.00	1.60
16	Gen Foreman Rate	Component	15	1.60	*	50.97	81.55
17	Material Hndler Hrs	Labor	Total	16.00	%	5.00	0.80
18	Material Hndler Rate	Component	17	0.80	*	35.04	28.03
19	Update As Built Dwgs	Calculated		1.00	*	49.00	49.00
20	SUBTOTAL						926.58
21	#####						0.00
22	DIRECT JOB EXPENSES:						0.00
23	Expendable Tools	Material	Total	0.00	%	6.00	0.00
24	Equipment						0.00
25	Warranty on Material	Component	5	0.00	%	3.00	0.00
26	Warranty on Labor	Component	20	926.58	%	3.00	27.80
27	SUBTOTAL						27.80
28	#####						0.00
29	SUBCONTRACTS:						0.00
30	Sub #1	Calculated		0.00	*		0.00
31	Sub #2	Calculated		0.00	*		0.00
32	SUBTOTAL						0.00
33	#####						0.00
34	JOB SUBTOTAL						954.38
35	#####						0.00
36	MARKUPS:						0.00
37	Liability/Bldrs Risk	Component	34	954.38	%	2.00	19.09
38	WrkComp/SS/Unmplymnt	Component	20	926.58	%	25.00	231.65
39	Overhead @ 10%	Component	34	954.38	%	10.00	95.44
40	JOB TOTAL						1,300.55
41	#####						0.00
42	Profit @ 10%	Component	40	1,300.55	%	10.00	130.06
43	JOB TOTAL + PROFIT	Component	42	130.06	*	1.00	1,430.61
44	Perf .Payment Bond	Component	43	1,430.61	%	2.00	28.61
45	ADD BOND	Component	44	28.61	*	1.00	1,459.22
46	#####						0.00
47	BID TOTAL						1,459.22

**JOB 1425** 2019050: 2019-050 COPVile ...  
**ESTIMATE 8** COR08: COR08 UV Transmitt...  
**DATA SET 9** TMC WTP - NECA dataset

Combined All - Job File Pricing  
 T Morales Company  
 PO Box 859  
 Florence, Tx 76527  
 254-793-4344 / 254-793-3044  
 tdeldridge@moralescompany.com

**PRINTED** 8/19/2021 9:24:56 AM  
**MATERIAL** Primary  
**LABOR** Primary

**NOTES**

Item				Material			Labor		
Size	Item Desc	Qty	UOM	Mat Unit	Mat Adj	Mat Ext	Lbr Unit	Lbr Adj	Lbr Ext
	Uninstall Transmitter (LABOR)	1.00							
	Reinstall Transmitter (LABOR)	1.00							
	Custom Instrument Holes	1.00							
<b>Grand Totals</b>						0.00			16.0000



To: Bar Constructor Inc.  
Attn: Trevor Wolfe

Cody Builders Supply  
12002 N Lamar Blvd  
Austin, TX 78753  
Ph 512/339-9834  
Fax 512/339-0165  
metals@codybuilderssupply.com



## CHANGE ORDER

Date: 08/02/2021

CO NO.: PF-CO-17

Project: Pflugerville Central WWTP Phase1

SUBJECT SST Plates for Probe installation

REFERENCE (RFI/Dwg/Etc): \_\_\_\_\_

REQUESTED BY: Trevor Wolfe

### Information/Explanation of Change:

Below is the cost of (2) SS PL3/16" x 4" x 1'-0" with anchoring hardware

	Qty	Cost
PL 3/16 x 4" x 1'-0"	2	35.00
Hardware	4	80.00
Labor		85.00
Total Cost		200.00

### Pricing:

Total Amount of this change order \$ 200

Attachments: None

SCHEDULE IMPACT?  YES  NO  TBD ADD  SUBTRACT  \_\_\_\_\_ number of \_\_\_\_\_

PREPARED BY: Erdem Biyikli APPROVED BY: \_\_\_\_\_

**Note: Notice to proceed is considered acceptance of price quoted.**

<b>Project Name</b>	<b>Pflugerville, TX</b>
<b>Project Number</b>	
<b>PCR # - version</b>	<b>2.0</b>



## Project Change Request

**Customer Initiated**     **Xylem Initiated**

<b>Requestors Name:</b>	Trevor Wolfe	<b>Date Submitted:</b>	8/2/21
<b>Contact Information:</b>	<a href="mailto:trevorw@barconstructors.com">trevorw@barconstructors.com</a>	<b>Date Required:</b>	8/6/21
<input type="checkbox"/> Leopold	<input type="checkbox"/> Sanitaire	<input checked="" type="checkbox"/> Wedeco	<input type="checkbox"/> Other
<input type="checkbox"/> Additional rqmts	<input checked="" type="checkbox"/> Change	<input type="checkbox"/>	<input type="checkbox"/> Other

**Requested Change:**

The customer has requested that the level probes be raised in order to make it easier to maintain.

**Action Plan and Impact on Scope, Schedule, Price and/or Payment obligation:**

Below is a summary of the parts and pricing

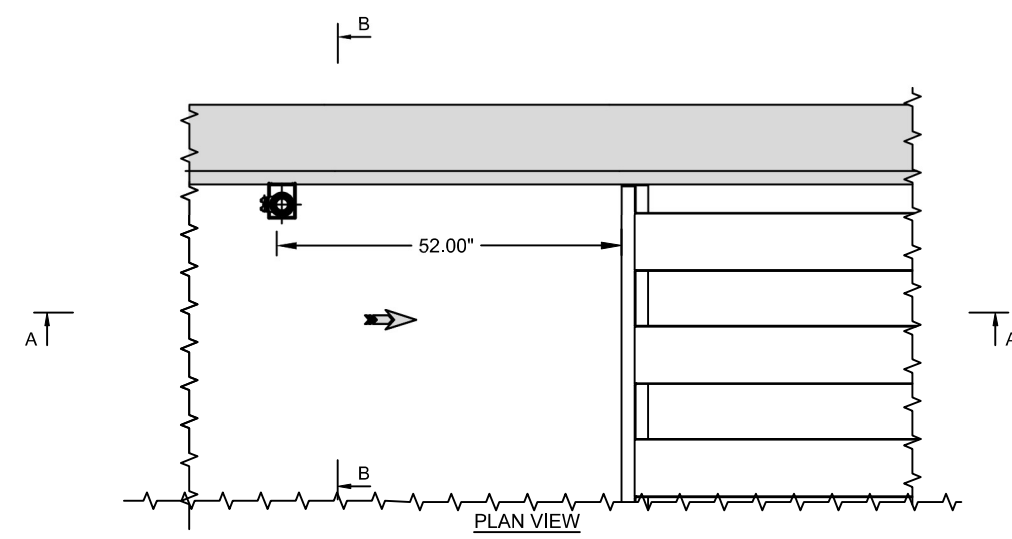
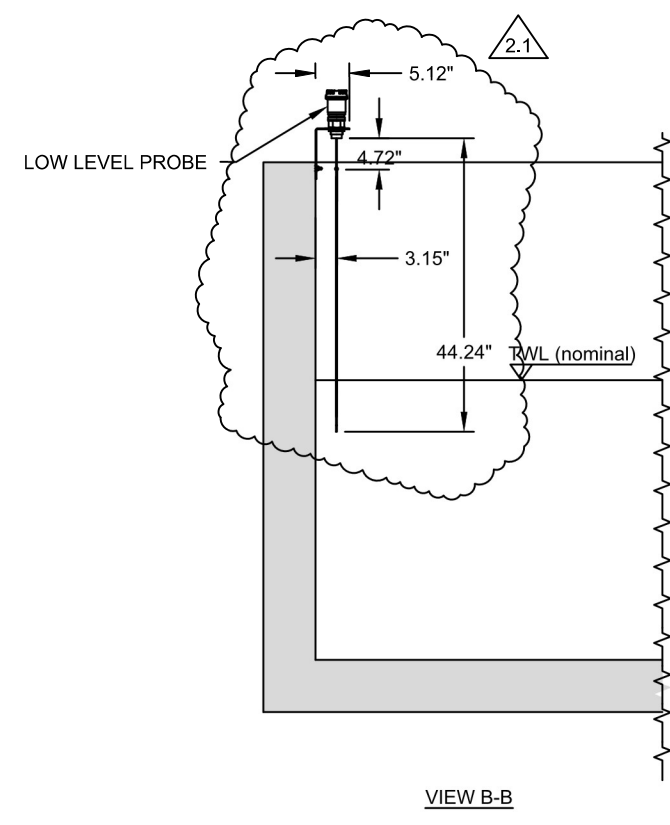
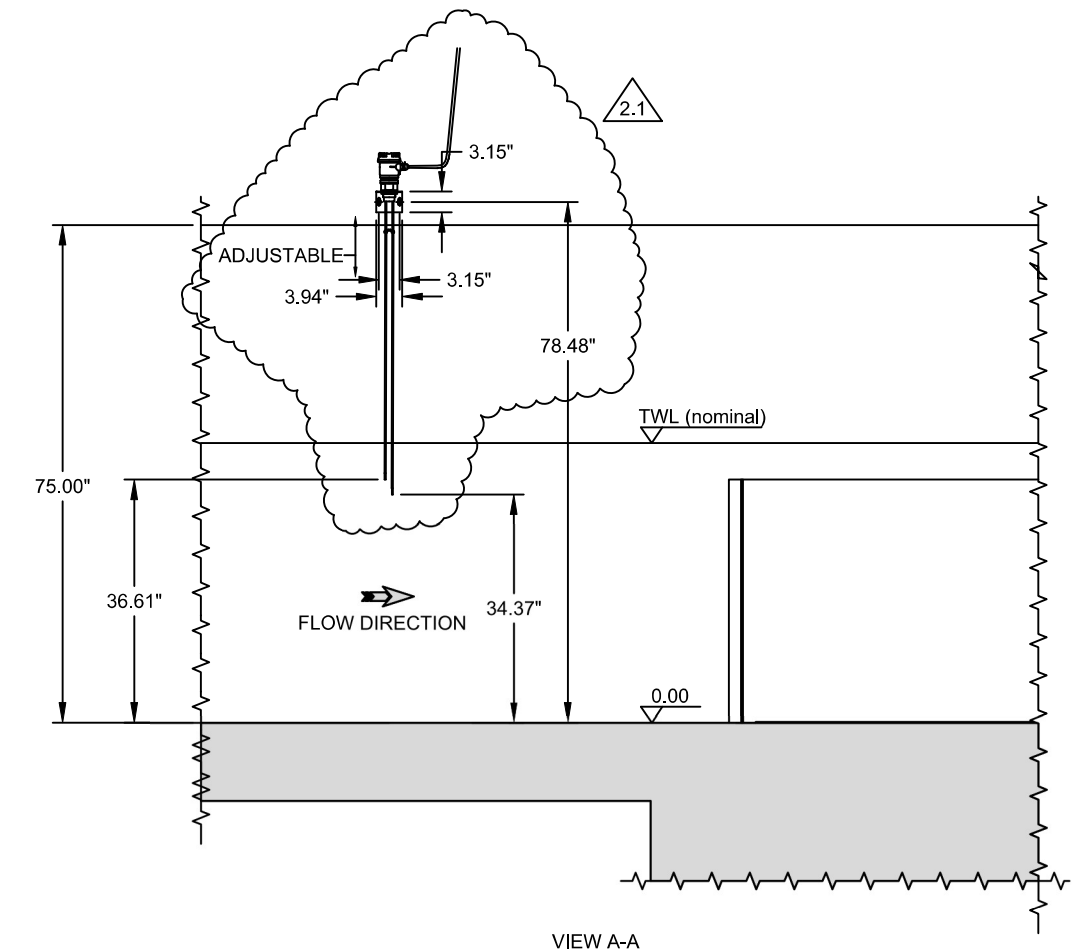
Xylem will provide (2) new E&H FTW Liquipint conductivity level probes. The probe length will be 59.10" in order to be installed as per the attached drawing. The connection point to the existing bracket will be 1 1/2" NPT.

Total cost adder for the above changes is \$855. The pricing does not include any applicable taxes or modifications to the existing supplied mounting brackets. The leadtime is 5 days from release or item to manufacturing.

<b>Resolution:</b>	<input type="checkbox"/> <b>Approved</b>	<input type="checkbox"/> <b>Amended</b>	<input type="checkbox"/> <b>Rejected</b>
<b>Comments :</b>			

*By signing this, I declare to have authority to enter into this agreement on behalf of my company.*

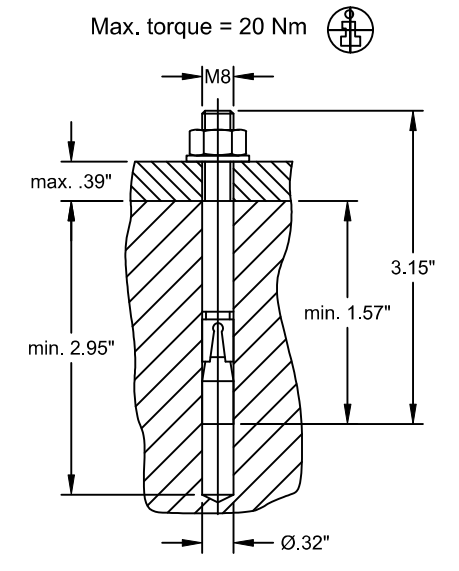
<b>Change Approval Authority:</b>	<b>Xylem Project Manager:</b>
Signature	Date
Date	Signature
Date	Date



**NOTES**

1. ALL CIVIL TOLERANCES ARE  $-.20" / +.39"$  UNLESS OTHERWISE SHOWN. CHANNEL WIDTH AND HEIGHT ARE CRITICAL DIMENSIONS.
2. SURFACE FINISH OF UV CHANNEL AND FLOORING TO BE FAIR WORKED FINISH AS DEFINED BY THE WATER SERVICES ASSOCIATION AND CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY.
3. WEDECO CAN ONLY PROVIDE CRITICAL CIVIL DIMENSIONS TO SUIT THE HYDRAULICAL REQUIREMENTS AND INSTALLATION OF THE UV EQUIPMENT. ALL CIVIL AND STRUCTURAL DESIGN IS BY OTHERS
4. PROTECT YOUR EYES AND SKIN AGAINST UV LIGHT. EXTENDED EXPOSURE CAUSES SUN BURN AND EYE IRRITATION.

**EXAMPLE ANCHOR BOLT FIXING:**



REV	REV #	SHEET	DESCRIPTION	DATE	APPROVAL
ECN #		(ZONE)			
2.1			Revised level probe location	8/6/21	GV
2.0			AS BUILT	9/18/20	GV
REVISIONS					

<b>AS BUILT</b>	
PROJECT	PFLUGERVILLE, TX
LOCATION	PFLUGERVILLE, TX
CUSTOMER	BAR CONSTRUCTORS, INC
CONSULTING ENGINEER	FREESE AND NICHOLS, INC
NAVISION NUMBER	JOB NUMBER
	U19011

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE $X/X = \pm \frac{1}{16}, .X = \pm .05, .XX = \pm .02, .XXX = \pm .005$ ANG $\pm 1^\circ$	
THIRD ANGLE PROJECTION	
DESIGNER	DATE
GV	1/27/2020
APPROVED BY	DATE

**WEDECO**  
a xylem brand

[www.xyleminc.com](http://www.xyleminc.com)

THIS DRAWING CONTAINS DESIGNS AND OTHER INFORMATION WHICH ARE THE PROPERTY OF XYLEM EXCEPT FOR RIGHTS EXPRESSLY GRANTED BY CONTRACT TO THE UNITED STATES GOVERNMENT. THIS DRAWING MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED OR DISCLOSED OR USED FOR MANUFACTURE OF THE PART DISCLOSED HEREIN, WITHOUT THE PRIOR WRITTEN PERMISSION OF XYLEM. XYLEM ACCEPTS NO RESPONSIBILITY FOR UNDOCUMENTED CUSTOMER-INITIATED DRAWING CHANGES TO ELECTRONICALLY TRANSMITTED DRAWINGS.

TITLE				
UV DISINFECTION SYSTEM LOW LEVEL PROBE INSTALL				
MODEL NO.				
DURON 24 i 2 - 5 x 2 eW eL				
SIZE	DRAWING NO.			REV
B	P-U19011-GA-6003			2.1
SCALE	WEIGHT	MATERIAL	FINISH	SHEET
				1 OF 1

## Ron Mick

---

**From:** Brandon Pritchett <BrandonP@pflugervilletx.gov>  
**Sent:** Friday, July 30, 2021 8:55 AM  
**To:** Ron Mick  
**Cc:** Trevor Wolfe; charles cameron; Matt Gaughan; Jonathan Tran; Dennis Berger  
**Subject:** RE: UV Basin Conductivity Probe

Ron,

That'll be perfect. Thanks!

Brandon

On Jul 30, 2021 8:52 AM, Ron Mick <ron.mick@plussixengineering.com> wrote:

**[EXTERNAL]**

Brandon,

Take a look at this picture. Will this accomplish what you need for raising the probe? There is no detail in the design for this installation. The only location of the probe is shown on the Xylem Shop Drawings, and the existing probes are installed as indicated in those drawings. If we need more than the adjustments indicated on the photo, I suggest we get an RFI out to Freese & Nichols to provide a design.

Thanks,  
Ron

Ron Mick, P.E.  
Senior Project Manager  
Plus Six Engineering, LLC  
512-632-5837

---

**From:** Brandon Pritchett <BrandonP@pflugervilletx.gov>  
**Sent:** Thursday, July 29, 2021 4:51 PM  
**To:** Ron Mick <ron.mick@plussixengineering.com>; Trevor Wolfe <trevorw@barconstructors.com>; charles cameron <charles.cameron@caledoniacm.com>; Matt Gaughan <matt.gaughan@plussixengineering.com>; Jonathan Tran <jtran@tecconsultingllc.com>  
**Cc:** Dennis Berger <dennisb@barconstructors.com>  
**Subject:** RE: UV Basin Conductivity Probe

Ron,

Very close, but not exactly.

By leaving that transmitter below the decking, it makes it both more difficult to work on in the future and it will also be subject to an intense amount of moisture after the covers are put on. Those probe connections in the housing will corrode in a much more rapid manner if it is left under the decking. My opinion would be that the housing should be mounted above the decking with a window cut-out for the probes to extend below the decking to the desired level after being trimmed. If the housing isn't brought above the decking, we will have to replace that housing pretty frequently no matter how resistant to moisture intrusion the manufacturer insists the housing is.

Thanks,

Brandon Pritchett  
City of Pflugerville  
Public Utility Director  
[brandonp@pflugervilletx.gov](mailto:brandonp@pflugervilletx.gov)  
Office: (512)-990-6402  
Cell: (512)-750-5307

---

**From:** Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>  
**Sent:** Thursday, July 29, 2021 1:50 PM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>; Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Brandon Pritchett <[BrandonP@pflugervilletx.gov](mailto:BrandonP@pflugervilletx.gov)>  
**Subject:** RE: UV Basin Conductivity Probe

**[EXTERNAL]**

Trevor,

I went to look at this a few minutes ago. From Brandon's original suggestion and from the Xylem recommendation, I created the attached sketch. The probe housing needs to be mounted to the wall just a few inches below the aluminum decking. The probe wires need to be set at their present location.

Brandon,

Please correct me if this is not your intent.

Thanks,  
Ron

Ron Mick, P.E.  
Senior Project Manager  
Plus Six Engineering, LLC  
512-632-5837

---

**From:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Sent:** Thursday, July 29, 2021 6:26 AM  
**To:** charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>; Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>; Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** FW: UV Basin Conductivity Probe

CMs,

See below.

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Thomas, Andy US - Xylem [<mailto:Andy.Thomas2@xylem.com>]  
**Sent:** Wednesday, July 28, 2021 4:04 PM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** RE: UV Basin Conductivity Probe

Trevor,

We would not have an issue with the level transmitter being installed at a higher elevation as long as the replacement probes are the correct material and length. Most likely a longer probe will be require and then field trimmed. E&H provides probes of different standard lengths.

Probes would need to be field trimmed to meet bottom or probe elevation on the Wedeco drawings.

Thank you,

**Andy Thomas, P.E.**  
Project Management Supervisor  
O: 704-409-9700  
D: 704-409-9823  
M: 724-272-8861  
[Andy.Thomas2@Xylem.com](mailto:Andy.Thomas2@Xylem.com)



---

**From:** Trevor Wolfe [<mailto:trevorw@barconstructors.com>]  
**Sent:** Wednesday, July 28, 2021 2:51 PM  
**To:** Thomas, Andy US - Xylem <[Andy.Thomas2@xylem.com](mailto:Andy.Thomas2@xylem.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** RE: UV Basin Conductivity Probe

Andy,

Got them pushing on this again. Any movement?

Thanks,

**Trevor Wolfe**  
Construction Project Engineer

**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Trevor Wolfe  
**Sent:** Tuesday, July 27, 2021 11:07 AM  
**To:** 'Thomas, Andy US - Xylem' <[Andy.Thomas2@xylem.com](mailto:Andy.Thomas2@xylem.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** FW: UV Basin Conductivity Probe

Andy,

Please see below and advise. FNI has no issues with this change as long as you all sign off on it.

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Matt Gaughan [<mailto:matt.gaughan@plussixengineering.com>]  
**Sent:** Tuesday, July 27, 2021 6:29 AM  
**To:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Cc:** Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>; Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>; Mark Christensen <[mark.christensen@plussixengineering.com](mailto:mark.christensen@plussixengineering.com)>; charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>  
**Subject:** FW: UV Basin Conductivity Probe

Dennis / Trevor

See below – we will confirm with FNI – can you all reach out to Wedeco and see if they have an issue with this change.

If all in agreement – let me know what impact – if any – this would have on schedule.

Matt Gaughan, P.E.  
Engineering Manager  
Plus Six Engineering, LLC  
[Matt.gaughan@plussixengineering.com](mailto:Matt.gaughan@plussixengineering.com)  
708-577-9018

Confidentiality Statement: This electronic communication (including attachments) is intended only for the identified recipients. Any dissemination, distribution or copying of this electronic message is strictly prohibited. If you have received this electronic message in error, please notify the sender immediately and delete the original message.

---

**From:** Bradley Marshall <[BradleyM@pflugervilletx.gov](mailto:BradleyM@pflugervilletx.gov)>  
**Sent:** Monday, July 26, 2021 4:14 PM  
**To:** Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>; Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>; Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>  
**Subject:** FW: UV Basin Conductivity Probe

**Good afternoon. Please address the email below.**

## Thanks

**Brad Marshall, MEng**  
**Construction Manager**  
**Engineering**  
**City of Pflugerville**  
**Direct: 512-990-6333**

<https://avanan.url-protection.com/v1/url?o=www.PflugervilleTX.gov&g=NTJmMzkxNWM2Y2MxMzAyNQ==&h=OTVkJZDc0NzlmZjIwYTU0MzQ5OGIzNzI0NGQ3NDI3OGY3MjczMjAyNDVjYzg2YjAzNmM3NmE4YmZmNjUyZmZkZO==&p=YXAzOnBsdXNzaXhjbmdpbmVlcmluZzphdmFuYW46bzoXNzBmYTgxNmY3M2VmYjYxOWE3OGM0YjRiM2JmZDA3Yzp2MQ==>

---

**From:** Brandon Pritchett  
**Sent:** Monday, July 26, 2021 4:11 PM  
**To:** Bradley Marshall <[BradleyM@pflugervilletx.gov](mailto:BradleyM@pflugervilletx.gov)>  
**Subject:** UV Basin Conductivity Probe

Brad,

Like we spoke about, I'm a little concerned with the placement of the level probes for the UV basins at the Central WWTP Expansion. As you can see from the attached picture, they have the electronics well below the concrete grade which would make it incredibly hard to work on in the future. We would also need to drain one of the UV basins down to replace or work on the instrument should there ever be an issue. The solution to this would be to mount the device higher and to install two longer conductivity probes into the basin to match the existing elevations that they have them at. This would allow for staff to be able to troubleshoot or replace the instrument if needed without having to take down the entire channel.

Thanks,

Brandon Pritchett  
City of Pflugerville  
Public Utility Director  
[brandonp@pflugervilletx.gov](mailto:brandonp@pflugervilletx.gov)  
Office: (512)-990-6402  
Cell: (512)-750-5307

CONFIDENTIALITY NOTICE: This e-mail, including any attachments and/or linked documents, is intended for the sole use of the intended addressee and may contain information that is privileged, confidential, proprietary, or otherwise protected by law. Any unauthorized review, dissemination, distribution, or copying is prohibited. If you have received this communication in error, please contact the original sender immediately by reply email and destroy all copies of the original message and any attachments. Please note that any views or



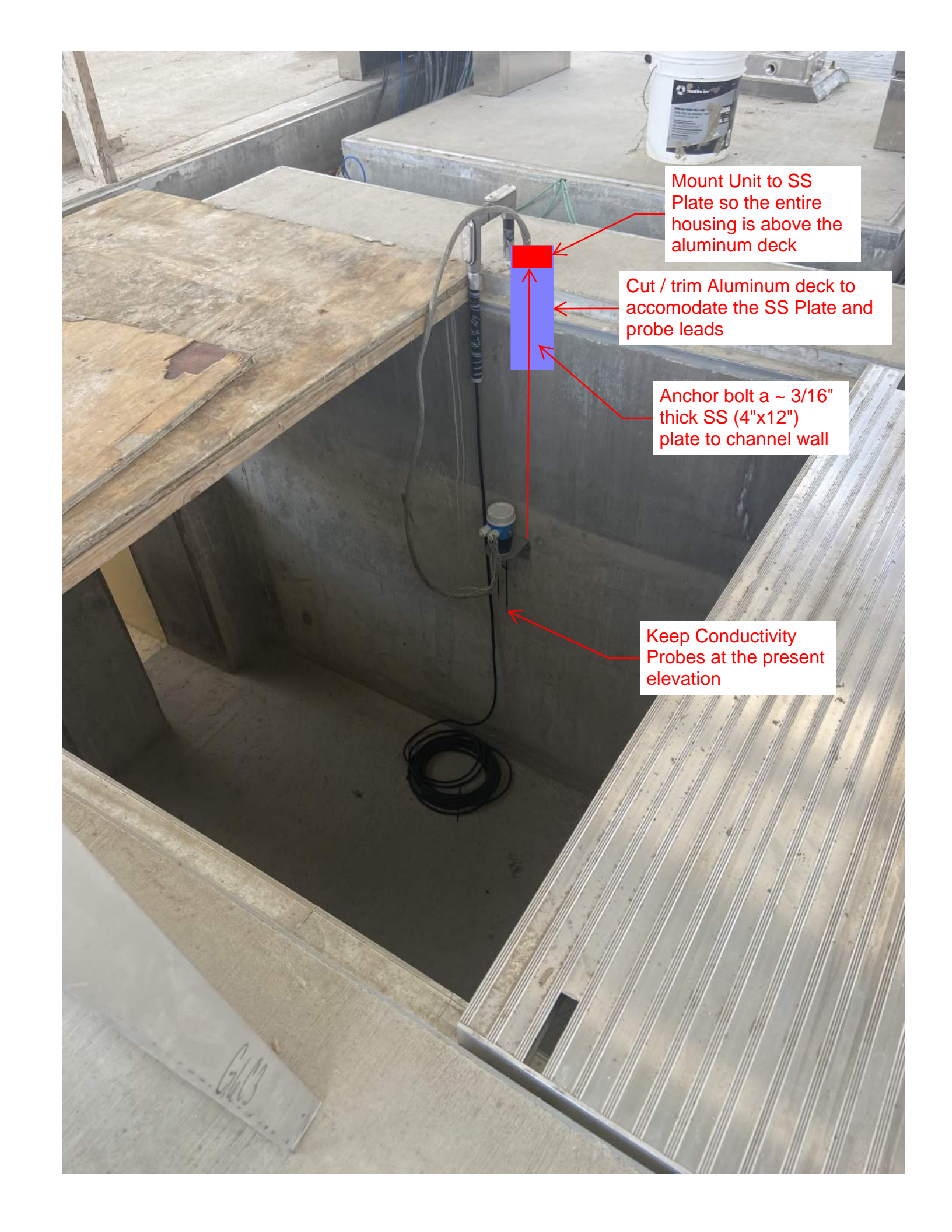
opinions presented in this e-mail are solely those of the author and do not necessarily represent those of Xylem Inc.

---

This email has been scanned for spam and viruses by Proofpoint Essentials. Click [here](#) to report this email as spam.

---

This email has been scanned for spam and viruses by Proofpoint Essentials. Click [here](#) to report this email as spam.



Mount Unit to SS Plate so the entire housing is above the aluminum deck

Cut / trim Aluminum deck to accommodate the SS Plate and probe leads

Anchor bolt a ~ 3/16" thick SS (4"x12") plate to channel wall

Keep Conductivity Probes at the present elevation

<b>Project:</b> <u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b> _____
<b>Owner:</b> <u>City of Pflugerville</u>	<u>88</u>
<b>Contractor:</b> <u>BAR Constructors, Inc</u>	<u>279</u>
<b>Engineer:</b> <u>Freese and Nichols, Inc</u>	<u>PFL16607</u>

<b>Change Proposal No.:</b> <u>CP0043</u>	<b>Description:</b> <u>2-inch NPW line repair</u>
<b>Specification:</b> <u>N/A</u>	
<b>Drawing No.:</b> <u>N/A</u>	<b>Detail Description:</b> <u>N/A</u>

**Reference Document:**

Request for a Change Proposal No.: \_\_\_\_\_
  Request for Information No.: \_\_\_\_\_  
 Shop Drawing Deviation Request No.: \_\_\_\_\_
  Field Order No.: \_\_\_\_\_

**Contractor proposes the following modifications to the Contract Documents:**  
 Repair of 2-inch NPW line that was not indicated at the excavation location.

**Purpose of Change Proposal:**  
 Damage caused by an unforeseen utility when installing chlorine solution line near reuse pumping basin.

**Attachments:**  
 CP Request letter.

**Requested Action:**

Issue a Field Order
  Issue a Work Change Directive or Change Order for the described changes

**Basis of Compensation:**

Unit Prices
  Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01  
 Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01

**Required Documentation:**

Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change  
 Schedule attached to show impacts and justification for requested change in Contract Times

<b>Total Change Proposal Amount:</b> <u>\$1,009.42</u>	<b>Adjustment in Contract Times (days):</b> <u>0</u>
--	--

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 9/24/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/24/2021



September 14, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP043 2in NPW Repair (Unforeseen)

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the 2in NPW Repair (Unforeseen) . BAR Constructors, Inc. requests an ADD to the contract amount of \$1,009.91 and a time extension of .5 calendar days. Below are those inclusions and exclusions associated with this work.

Inclusions:

0

- As stated in the provided quotes.
- All “Assumptions” as stated in provided quotes

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.



Fuel, Oil, Grease & Maintenance (40% fo Equipment)									\$ 6.40
Tax @ 8.25%									\$ 1.32
<b>Total Equipment</b>									<b>\$ 39.72</b>

Subcontractor	Rate			2" NPW Repair - Unforeseen				Total
								\$ -
								\$ -
								\$ -
<b>Total Subcontractor</b>								<b>\$ -</b>

	Labor			Subcontractor	Equip			Material	Total
Totals	\$ 595.20			\$ -	\$ 39.72			\$ 219.20	\$ 854.12
Insurance (1.8%)									\$ 15.37
Overhead and Profit (5% for subs)									\$ -
Overhead and Profit (15% Self Performed Work)									\$ 130.42
Subtotal									\$ 999.92
Bond @ 1%									\$ 10.00
<b>Total</b>									<b>\$ 1,009.92</b>

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

<b>NBC No.:</b>	<u>031</u>	<b>Description:</b>	<u>2inch NPW Unforeseen Repair</u>
<b>Specification:</b>	<u></u>		
<b>Drawing No.:</b>	<u></u>	<b>Detail Description:</b>	<u>2inch NPW Unforeseen Repair</u>

**Notification is given of the following:**

Testing and Inspections	Notifications and Requests
<input type="checkbox"/> Concrete Placement Notice	<input type="checkbox"/> Notice of a conflict, error, or discrepancy in the Contract Documents
<input type="checkbox"/> Concrete Testing Request	<input checked="" type="checkbox"/> Notice of Delay or Disruption
<input type="checkbox"/> Soils Testing Request	<input checked="" type="checkbox"/> Notice of Unforeseen Site Condition
<input type="checkbox"/> Coatings Testing Request	<input type="checkbox"/> Notice of Utility Conflict
<input type="checkbox"/> Pipe Testing Request	<input type="checkbox"/> Notice of Hazardous Environmental Conditions
<input type="checkbox"/> Review of Sample or Mock-Up	<input type="checkbox"/> Notice of Surety Default or Liens / Claims Against Payment Bond
<input type="checkbox"/> Architectural Observation Request	<input type="checkbox"/> Notice of Insurance Change
<input type="checkbox"/> Structural Observation Request	<input checked="" type="checkbox"/> Notice of Change in Contractor Staff or Subcontract
<input type="checkbox"/> Mechanical Observation Request	<input checked="" type="checkbox"/> Notice of Work impacting Owner, Utilities or adjacent property
<input type="checkbox"/> Electrical Observation Request	<input type="checkbox"/> Notice of Indemnified Loss
<input type="checkbox"/> Plumbing Observation Request	<input checked="" type="checkbox"/> Notice of potential Change Request / Claim
<input type="checkbox"/> Substantial Completion Inspection	<input type="checkbox"/> Request for facility shutdown, connection or disruption of service
<input type="checkbox"/> Final Completion Inspection	<input type="checkbox"/> Request for a pre-submittal or pre-installation meeting
	<input type="checkbox"/> Request to Work Outside Regular Hours
	<input type="checkbox"/> Other (See Below)

Schedule for testing, observation, or inspection (date and time): \_\_\_\_\_

**Comments:**  
On 09/01/21, BAR's pipe crew was running the 4-CS-PVC and the 1-1/2-SH-PVC lines between the existing filters and Chlorine Contact Chamber when 2 – 2" NPW lines were hit during the excavation. These lines were not shown on the contractor documents. BAR was directed to repair, we immediately responded and repaired the 2 lines. Time extension and cost proposal will be submitted for this unforeseen.

**Attachments:**

**Attached pictures and approx. location**

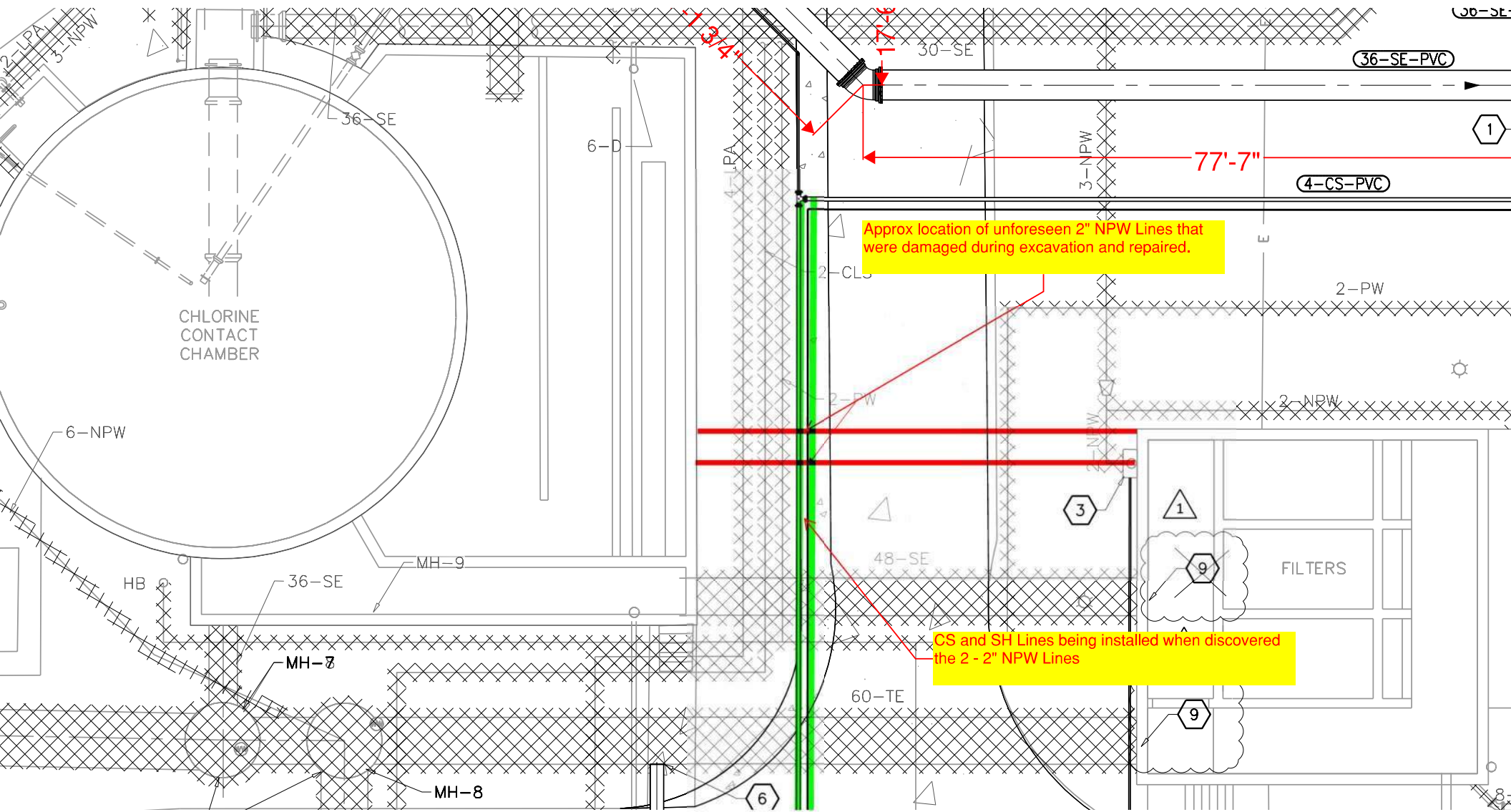
**Submitted by:** Dennis J. Berger **Date:** 09/09/2021

**Response to Notification:**



<b>Project:</b> Central Wastewater Treatment Plant	<b>Project Number:</b>
<b>Owner:</b> City of Pflugerville	88
<b>Contractor:</b> BAR Constructors, Inc	279
<b>Engineer:</b> Freese and Nichols, Inc	PFL16607
<b>Response by:</b> _____	<b>Date:</b> _____



Approx location of unforeseen 2" NPW Lines that were damaged during excavation and repaired.

CS and SH Lines being installed when discovered the 2 - 2" NPW Lines











<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>
<b>Change Proposal No.:</b> <u>CP0039</u> <b>Description:</b> <u>Clarifier 1 and 2 Bypass Pumping</u>			
<b>Specification:</b> <u>N/A</u>			
<b>Drawing No.:</b> <u>N/A</u> <b>Detail Description:</b> <u>N/A</u>			
<b>Reference Document:</b>			
<input type="checkbox"/> Request for a Change Proposal No.: _____ <input type="checkbox"/> Request for Information No.: _____ <input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input type="checkbox"/> Field Order No.: _____			
<b>Contractor proposes the following modifications to the Contract Documents:</b>			
Complete Tie-In to Clarifier No. 1 & 2 in a manner that will not disrupt the CWWTP Operations by providing a bypass pumping system from the effluent of each clarifier directly to the completed effluent filters.			
<b>Purpose of Change Proposal:</b>			
Because of the increase in CWWTP Flowrate, it is not possible to meet the specification requirements of maintaining 2 clarifiers on-line and minimizing shutdown time to less than 4 hours. At the MOPO meeting to discuss this, it was agreed that bypass pumping all flow from Clarifiers 1 and 2 is the most practical method of making required tie-ins.			
<b>Attachments:</b>			
<b>Requested Action:</b>			
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes			
<b>Basis of Compensation:</b>			
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01 <input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01			
<b>Required Documentation:</b>			
<input checked="" type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change <input type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times			
<b>Total Change Proposal Amount:</b> <u>\$25,974.22</u> <b>Adjustment in Contract Times (days):</b> <u>7</u>			



<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

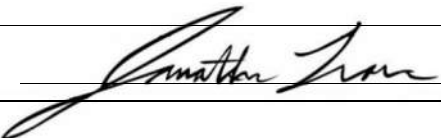
**Certified by:** Dennis Berger **Date:** 10/13/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 10/13/2021



October 07, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP039R2 Clarifier 1 and 2 Bypass Pumping

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the Clarifiers 1 & 2 Bypass pumping. BAR Constructors, Inc. requests an ADD to the contract amount of \$25,974.22 and a time extension of 7 calendar days. Below are those inclusions and exclusions associated with this work.

BAR views that the 7 days requested are valid as there many unforeseen conditions that the plans and specs did not show when tying in Clarifier 1 & 2. First, in order to tie in one of the Clarifiers into the Filters, one of the Clarifiers would have to go offline. This is not permitted by spec section 01 35 00 that states, "The minimum number of final clarifiers that must be in service at any time is 2." If you continue to look at that spec section, it does not have clarifier 3 starting up until much later in the construction sequence. Clarifier 3 startup is sequence number 42, but tying in clarifier 1 & 2 is sequence numbers 19 & 21. BAR has come up with a way to take flow from both clarifiers and pump it into the filters avoiding having to shut down a clarifier.

In order to keep two clarifiers running, BAR will have to bypass pump from both clarifiers. In order to do this, BAR will have to run the filters and UV for 24 hours with the clarifier water. The following day, BAR and the CM team will take a sample to the testing lab to ensure that we are meeting TCEQ requirements. It could take 2 days to get this result back. This work could not be completed in the 4 hour window that was allotted in spec section 01 35 00. There were too many unforeseen conditions in the way of the tie-in point. BAR had to stop both pipes well short of the tie-in point until the clarifiers flow would be out of the pipes that need to be cut and moved out of the way. The tie-in work takes 1-2 days per clarifier.

Thirdly, the loss of production that will occur having to pull our pipe crews, structural crews, mechanical crews and laborers to make the tie-ins in this way. To comply with the new constraints given by the plant and the unexpected increase in



flows, BAR has no other choice but to perform the tie in as described in the MOPO. In doing so, this will take almost every employee we have onsite to concentrate on the Tie-ins of Clarifier 1 & 2, Temporary NPW Re-Route, and part of the structural modifications that will need to happen at the Re-use system which include installing 2 concrete plugs, coring and installing 18" NPW, coring 8" hole, and fill in a partial concrete wall. This will directly affect all critical path items and non-critical that are described in our schedule. There will be very minimal if any work activities being performed other than what is associated with the MOPO. Please note that the MOPO has been discussed and revised based on 3 different meetings in order to meet the plant operational needs and the final version is in concurrence with the last meeting held on 9/30

This is a major undertaking that will need to be quickly preformed with precision, dedication and of all completed in a safe manner that all BAR employees will go home unharmed.

Inclusions:

- Setup and removal of bypass pumping for Clarifiers 1 & 2.
- Cost Proposal is for 5 days of bypass pumping, anything more than 120 hours of run time will be at an additional cost in a separate cost proposal.
- Price Includes 24hr bypass pumping

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.

BAR Constructors, Inc. - Cost Detail Worksheet

Job Name: Central WWTP Expansion Phase 1

Job # 279

Date: 10/07/2021

Proposal No. CP039R2

Labor		Unit	Quantity	Clarifier 1 & 2 Bypass Pumping					
				Day 1	Day 2	Day 3	Day 4	Day 5	
Overnight Crew to watch both sets of pumps \$25/person	\$ 104.00	HR	4	8	8				\$ 1,664.00
									\$ -
Overnight Crew OT	\$ 156.00	HR	4	5	5				\$ 1,560.00
									\$ -
Install Concrete Plug for new Temp NPW Sequence	\$ 52.00	HR	2	8					\$ 416.00
									\$ -
Subtotal									\$ 3,640.00
Payroll Taxes and Insurance (55%)									\$ 2,002.00
<b>Total Labor</b>									<b>\$ 5,642.00</b>

Non-Taxed Material	Rate	Unit	Quantity	Clarifier 1 & 2 Bypass Pumping					
				Day 1	Day 2	Day 3	Day 4	Day 5	
									\$ -
									\$ -
Mob Installation and Demob	\$ 3,895.00	LS	1						\$ 3,895.00
Delivery and Pickup	\$ 3,000.00	Ls	1						\$ 3,000.00
									\$ -
Material for Concrete Plug at new Temp NPW Sequence	\$ 1,000.00	LS	1	1					\$ 1,000.00
									\$ -
Subtotal									\$ 7,895.00

Taxed Material				Clarifier 1 & 2 Bypass Pumping					
									\$ -
									\$ -
Subtotal Taxed Material + 8.25%									\$ -

General Condition Material				Clarifier 1 & 2 Bypass Pumping					
Small Tools 5% labor									\$ 182.00
<b>Total Material</b>									<b>\$ 8,077.00</b>

Equipment	Rate			Clarifier 1 & 2 Bypass Pumping					Total
Clarifier 1 & 2 Bypass Pumping									\$ -
									\$ -
									\$ -
Subtotal									\$ -
Fuel, Oil, Grease & Maintenance (40% fo Equipment)									\$ 2,525.60
Tax @ 8.25%									\$ -
<b>Total Equipment</b>									<b>\$ 2,525.60</b>

Subcontractor	Rate			Clarifier 1 & 2 Bypass Pumping					Total
Clarifier 1 & 2 Bypass Pumping BPR Rentals - 24hr pumping	\$ 6,314.00	Weekly	1	1					\$ 6,314.00
									\$ -
									\$ -
<b>Total Subcontractor</b>									<b>\$ 6,314.00</b>

	Labor			Subcontractor	Equip		Material	Total
<b>Totals</b>	\$ 5,642.00			\$ 6,314.00	\$ 2,525.60		\$ 8,077.00	\$ 22,558.60
Insurance (1.8%)								\$ 406.05
Overhead and Profit (5% for subs)								\$ 315.70
Overhead and Profit (15% Self Performed Work)								\$ 2,436.69
Subtotal								\$ 25,717.04
Bond @ 1%								\$ 257.17
<b>Total</b>								<b>\$ 25,974.22</b>

**CENTRAL WWTP PFLUGERVILLE / BAR CONSTRUCTORS**

**Clarifier 1 & 2 Bypass Pumping**

**PROJECTS:** Pflugerville CWWTP Phase 1

**PROJECT NO.:**

**JHE INSPECTORS:**

**FRESE CONTACTS:**

**BAR PRIMARY CONTACTS:** Dennis Berger (214) 869-0454; Jesus "Chuy" Lopez (214) 869-0249

**BAR SECONDARY CONTACTS:** Mike Huddleston (214) 878-7554; Trevor Wolfe (214) 869-4403

**SHUTDOWN PERIOD:** \_\_\_ TBD

Step #	Description	Start Date	Start Time	End Date	Approx. Duration (HR)	Actionable Party	Status	Notes
<b>1- CL 1 &amp; 2 / NPW Temp Tie In / Re-Use Str. Mods</b>								
<b>PRELIMINARY WORK</b>								
	Install plate at influent box blocking influent pipe from CL1 & CL2	10/4/2021		10/18/2021		BAR		
	Set Pumps and Plugs at Clarifier 1 & 2, Place discharge piping to influent box at filters	10/4/2021		10/18/2021				
	Close 36" BFV going to Clarifier 4	10/4/2021		10/18/2021				
	Install two 42" plugs at influent box at the filters and at CL3	10/4/2021		10/18/2021		BAR		
	Set up BARs 6" pump from CCC to existing filters (filter no. 3)	10/4/2021		10/18/2021		BAR		
	Set up leak by pumps at clarifier 1 & 2 tie in locations	10/4/2021		10/18/2021		BAR		
	Expose 18" NPW that will be cored into wall at NPW/Reuse system	10/4/2021		10/18/2021				Determine Core Size
	Issue Brandon a date for the tote	10/4/2021		10/18/2021		BAR/PLANT		
	NPW - Perform Shutdown - install plug, tie in 6" to existing MH and Tie in 12" - FILL MH	10/4/2021		10/18/2021				
	Plant, JHE, & BAR to confirm that EF, UV, EB 3 are ready to take clarifier 1 & 2 flow	10/4/2021		10/18/2021		BAR		
<b>SHUT DOWN WORK -</b>								
	Confirm with City/Plant that shut down is good to proceed	10/19/2021	1am	10/19/2021	1	BAR/PLANT/JHE		Plant to confirm incoming flow to system
	Turn on Clarifier 1 bypass pumps	10/19/2021	2am	10/19/2021	1	BAR		Look into starting at 1am; approx 2.5mgd
	Turn on Clarifier 2 bypass pumps	10/19/2021	3am	10/19/2021	1	BAR		
	Pump down clarifier 1 & 2 to elevation 632 in order to set plugs	10/19/2021	3am	10/19/2021	3	BAR		Based upon 3 MGD coming into clarifiers
	Set inflatable plug clarifier 1 and suction piping w/ pump to dewater drop box	10/19/2021	6am	10/19/2021	2	BAR		Obstruction on top - Walkway, removeable grating
	Set inflatable plug clarifier 2 and suction piping w/ pump to dewater drop box	10/19/2021	6am	10/19/2021	2	BAR		
	Start dewatering CCC	10/19/2021	8am	10/19/2021	6	BAR		
	Run bypass puming for 24 hours/plant to take intermittent E.Coli tests	10/19/2021	8am	10/20/2021	24	BAR		Final sample needs to be turned in no later than 4pm to receive results in the next day in the morning. Plant to ensure all ponds have been restocked with reuse system
	First E. Coli Sample taken at 1pm results following mornnig?	10/19/2021	1pm	10/19/2021	0.5	PLANT		
	Plant to deliver sample to lab	10/19/2021	1:30pm	10/19/2021	0.5	PLANT		
	Receive Negative E. Coli Sample and obtain "Proceed Work Order"	10/20/2021	10am	10/20/2021	1	PLANT		
	Crew 1 starts clarifier 1 tie-in	10/20/2021	11am	10/20/2021	12	BAR		Confirm backfill material; CAN we remove the 3 lines above the tie in temporarily and for how long
	Crew 1 Visual Inspection for Leaks and Turn over	10/20/2021	5pm	10/20/2021	1	BAR		Crew 1 Helps with Crew 2 or goes home
	Crew 2 starts clarifier 2 tie-in	10/20/2021	11am	10/20/2021	12	BAR		
	Crew 2 Visual Inspection for Leaks and Turn over	10/20/2021	11pm	10/20/2021	1	BAR		Crew 2 goes home
	Crew 3 Close 6" Valve to MH8 and Open 6" Valve to MH 8.1	10/20/2021	11am	10/20/2021	0.5	BAR		
	Plant to confirm shutdown of Reuse/NPW Structure	10/20/2021	11am	10/20/2021	1	PLANT		
	Crew 4 start coring 18" NPW connection into NPW/Reuse Structure / Core 8" interior Reuse wall	10/20/2021	12pm	10/20/2021	4	BAR		Locate coring company, hole size TBD depending on link seals, locate all pipe and connections, get pipe coated
	Crew 4 to install 18" pipe & 8" interior	10/20/2021	4pm	10/20/2021	6	BAR		
	Crew 4 to install link seals and grout	10/20/2021	10pm	10/20/2021	1.5	BAR		
	Crew 4 is Complete	10/20/2021	11:30pm	10/20/2021	0			Crew 4 goes home
	Crew 5 & 6 - start concrete plug on influent/effluent side of NPW/Reuse system	10/20/2021	12pm	10/20/2021	0	BAR		M-NPW-3 detail 2
	Crew 5 & 6 - set backside of forms inside of pipe	10/20/2021	12pm	10/20/2021	2	BAR		
	Crew 5 & 6 - rough in concrete	10/20/2021	2pm	10/20/2021	2	BAR		

**CENTRAL WWTP PFLUGERVILLE / BAR CONSTRUCTORS**

**Clarifier 1 & 2 Bypass Pumping**

**PROJECTS:** Pflugerville CWWTP Phase 1

**PROJECT NO.:**

**JHE INSPECTORS:**

**FRESE CONTACTS:**

**BAR PRIMARY CONTACTS:** Dennis Berger (214) 869-0454; Jesus "Chuy" Lopez (214) 869-0249

**BAR SECONDARY CONTACTS:** Mike Huddleston (214) 878-7554; Trevor Wolfe (214) 869-4403

**SHUTDOWN PERIOD:** \_\_\_ TBD

Step #	Description	Start Date	Start Time	End Date	Approx. Duration (HR)	Actionable Party	Status	Notes
	Crew 5 & 6 - epoxy in dowels	10/20/2021	4pm	10/20/2021	5	BAR		Set Epoxy - how many guns/tubes are needed, has rebar been found
	Crew 5 & 6 - to apply Adeka KBA-1510 FP waterstop w/ P-201 and bonding agent	10/20/2021	9pm	10/20/2021	2	BAR		
	Crew 5 & 6 - set inside form	10/20/2021	11pm	10/20/2021	2	BAR		
	Crew 5 & 6 - pour concrete plug with accelerator	10/21/2021	1am	10/21/2021	3	BAR		
	Plug cure time TBD by engineers	10/21/2021	4am	10/21/2021	5	BAR		Crew 5 & 6 goes home
	Crew 5 & 6 - remove interior forms	10/21/2021	8am	10/21/2021	1	BAR		Morning crew removes forms
	Crew 7 - start concrete wall on effluent side of NPW/Reuse system	10/21/2021	10am	10/21/2021	0	BAR		FNI to advise rebar, epoxy and waterstop details I'm thinking Crew 4 can do this work after they finish the piping. It may be too cramped in this area for 2 different crews in the same area???????
	Crew 7 - rough in surface	10/21/2021	10am	10/21/2021	3	BAR		
	Crew 7 - epoxy in dowels	10/21/2021	1pm	10/21/2021	5	BAR		
	Crew 7 - hydrophilic and bonding agent	10/21/2021	6pm	10/21/2021	2	BAR		
	Crew 7 - set rebar	10/21/2021	8pm	10/21/2021	2	BAR		
	Crew 7 - set forms	10/21/2021	10pm	10/21/2021	2	BAR		
	Crew 7 - pour	10/22/2021	12am	10/22/2021	2	BAR		
	Engineers to advise of cure time				5	BAR		
	Crew 7 - pull forms	10/22/2021	8am	10/22/2021	2	BAR		
	Turn over NPW/Reuse structure	10/22/2021	10am	10/22/2021	0	BAR		

- READY TO GO
- MORE CLARIFICATION REQUIRED
- REVISE
- MOPO Item complete
- Deleted from the active MOPO but left for reference

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>
<b>Change Proposal No.:</b>	<u>CP0048</u>	<b>Description:</b>	<u>Covid 19 Project Impact June 2020 to July 2021</u>
<b>Specification:</b>	<u>N/A</u>		
<b>Drawing No.:</b>	<u>N/A</u>	<b>Detail Description:</b>	<u>N/A</u>
<b>Reference Document:</b>			
<input type="checkbox"/> Request for a Change Proposal No.: _____ <input type="checkbox"/> Request for Information No.: _____			
<input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input type="checkbox"/> Field Order No.: _____			
<b>Contractor proposes the following modifications to the Contract Documents:</b>			
Provide added contract days.			
<b>Purpose of Change Proposal:</b>			
Impacts to BAR constructors project staff during the ongoing Covid 19 Global Pandemic.			
<b>Attachments:</b>			
CP Request letter and Time Impact Analysis			
<b>Requested Action:</b>			
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes			
<b>Basis of Compensation:</b>			
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01			
<input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01			
<b>Required Documentation:</b>			
<input type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change			
<input checked="" type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times			
<b>Total Change Proposal Amount:</b>		<u>\$0</u>	<b>Adjustment in Contract Times (days):</b>
			<u>37</u>

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

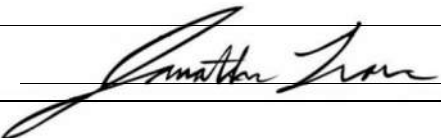
**Certified by:** Dennis Berger **Date:** 10/8/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 10/11/2021





October 07, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP048R1 – NBC 09 – COVID Project Delays

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the temporary bypass pumping for TCEQ Action Plan. BAR Constructors, Inc. requests an ADD to the contract amount of \$TBD and a time extension of 37 calendar days. Below are those inclusions and exclusions associated with this work.

Inclusions:

- As stated in backup
- All “Assumptions” as stated in provided quotes.

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc

# BAR Constructors, Inc

Lost Manhours due to COVID

June 2020 thru June 2021

Updated 10/06/2021

Month	<u>COVID/Quarantine</u>		<u>Test/Disruption</u>		Actual Crew Size	Hours/5 day	Total Hours per	% Lost Production	Avg. Workdays in	Avg. Days
	# of Employees	# of Manhours	# of Employees	# of Manhours		Week	Week		month (5 days)	Lost
May 2020	0	0	6	17	30	58.38	1751.4	0%	21	0.0
Jun 2020	36	694.5	6	40	41	44.15	1810.15	38%	22	8.4
Jul 2020	8	504	4	15	42	39.8	1671.6	30%	23	6.9
Aug 2020	5	276	4	14	42	48.15	2022.3	14%	21	2.9
Sep 2020	7	362	3	24	41	35.25	1445.25	25%	22	5.5
Oct 2020	7	204	2	14	44	39.1	1720.4	12%	22	2.6
Nov 2020	6	216	5	24.5	43	50.95	2190.85	10%	19	1.9
Dec 2020	2	32	3	23	40	43.9	1756	2%	18	0.3
Jan 2021	5	280	7	24	42	43.25	1816.5	15%	20	3.1
Feb 2021	0	0	2	14	40	31.75	1270	0%	20	0.0
Mar 2021	1	80	1	18	38	43.95	1670.1	5%	23	1.1
Apr 2021	8	215	2	19	40	36.15	1446	15%	22	3.3
May 2021	3	56	3	18	46	38.5	1771	3%	21	0.7
Jun 2021	1	9	1	8	39	38.8	1513.2	1%	22	0.1
	<b>Subtotal</b>	<b>2928.5</b>	<b>Subtotal</b>	<b>272.5</b>					<b>Total</b>	<b>36.81243</b>
Total			<b>Total Manhours</b>	<b>3,201</b>						

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>279</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>PFL16607</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		

<b>NBC No.:</b>	<u>009</u>	<b>Description:</b>	<u>Update of COVID-19 Delays</u>
<b>Specification:</b>	<u></u>		
<b>Drawing No.:</b>	<u></u>	<b>Detail Description:</b>	<u>Update of COVID-19 Delays</u>

**Notification is given of the following:**

Testing and Inspections	Notifications and Requests
<input type="checkbox"/> Concrete Placement Notice	<input type="checkbox"/> Notice of a conflict, error, or discrepancy in the Contract Documents
<input type="checkbox"/> Concrete Testing Request	<input checked="" type="checkbox"/> Notice of Delay or Disruption
<input type="checkbox"/> Soils Testing Request	<input type="checkbox"/> Notice of Unforeseen Site Condition
<input type="checkbox"/> Coatings Testing Request	<input type="checkbox"/> Notice of Utility Conflict
<input type="checkbox"/> Pipe Testing Request	<input type="checkbox"/> Notice of Hazardous Environmental Conditions
<input type="checkbox"/> Review of Sample or Mock-Up	<input type="checkbox"/> Notice of Surety Default or Liens / Claims Against Payment Bond
<input type="checkbox"/> Architectural Observation Request	<input type="checkbox"/> Notice of Insurance Change
<input type="checkbox"/> Structural Observation Request	<input type="checkbox"/> Notice of Change in Contractor Staff or Subcontract
<input type="checkbox"/> Mechanical Observation Request	<input checked="" type="checkbox"/> Notice of Work impacting Owner, Utilities or adjacent property
<input type="checkbox"/> Electrical Observation Request	<input type="checkbox"/> Notice of Indemnified Loss
<input type="checkbox"/> Plumbing Observation Request	<input type="checkbox"/> Notice of potential Change Request / Claim
<input type="checkbox"/> Substantial Completion Inspection	<input type="checkbox"/> Request for facility shutdown, connection or disruption of service
<input type="checkbox"/> Final Completion Inspection	<input type="checkbox"/> Request for a pre-submittal or pre-installation meeting
	<input type="checkbox"/> Request to Work Outside Regular Hours
	<input type="checkbox"/> Other (See Below)

Schedule for testing, observation, or inspection (date and time):

**Comments:**  
 See attached updated letter of COVID-19 Delays. Cost Impact & Schedule Impact is ongoing until we can foresee the end of these unprecedented times of The COVID-19 and it's variants.

**Attachments:** **03/20/2020 Original Notice of COVID-19 Delay**  
**08/11/2021 Updated Notice of COVID-19 Delay**

<b>Submitted by:</b> <u>Dennis J. Berger</u>	<b>Date:</b> <u>8/11/2021</u>
--	-------------------------------

**Response to Notification:**

**Response by:**  **Date:**



August 09, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
COVID-19 SCHEDULE IMPACT AND DELAYS

Dear Mr. Gaughan,

Since the beginning of COVID starting in 2019, BAR began seeing the effects of this early into the year of 2020 and since then have lost 3,201 manhours on the Pflugerville WWTP Phase I Improvement project. This has been detrimental to our labor forces and has had an enormous impact on our CPM schedule. Out of the 3,201 manhours that were lost, several of these employees had to be hospitalized including management, operators, laborers and has had no reservation on who it has brought complications upon.

On 08/05/2021 Travis County issued a statement that they are now in Stage 5 COVID-19 Community Risk. At this time we're not sure how this is going to affect BAR's CPM Schedule but we must begin to take additional precautions which is above and beyond what was expected when the project was bid. We will continue to monitor and track the delays associated with COVID-19 and will update the CM Team as we move along.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors



March 20, 2020

Owner Project Team (OPT)  
City of Pflugerville  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: Central WWTP Expansion Phase I Improvements

Notice of Potential Time / Cost Impact; The Coronavirus Outbreak

Dear Mr. Tran,

As you are aware, on March 13, 2020, the Federal Government declared a national state of emergency due to the coronavirus (COVID-19) outbreak. The Center for Disease Control and Prevention (“CDC”), and some state and local officials, have also issued recommendations and, in some cases, restrictions which affect the public at large relating to this outbreak. The World Health Organization has also declared the coronavirus a public health emergency.

With respect to the above-referenced Project, we are monitoring the situation very closely and are actively taking steps to mitigate any potential impacts to our work on the Project, in addition to utilizing work health and safety systems to ensure the well-being of our workers. If the coronavirus continues to spread, however, few industries will remain unaffected. Accordingly, we believe it prudent to notify you of how the proliferation of the virus could potentially impact work on the Project.

The coronavirus outbreak poses potential labor availability issues, particularly as quarantines are formally and informally imposed. In addition to potential labor shortfalls, the coronavirus has already reportedly resulted in international and domestic travel restrictions, school and business closures, international plant closings, supply chain issues, late or suspended material shipments from abroad, and domestic project interruptions caused by a combination of all of the above. If the spread of the coronavirus continues, it is likely that the commercial effects will have ramifications for the Project that are beyond our control. We intend to keep you apprised of Project impacts and take reasonable steps and actions to prevent and lessen and mitigate any impacts to the Project.

Despite these efforts, we cannot control or eliminate all delays and disruptions in material and equipment shipments, significant increases in the cost of materials and equipment, and/or the inability to adequately staff or access the Project site due to health and safety concerns. Schedule revisions may need to be made to accommodate directives and recommendations.



Obviously, these events are unprecedented and clearly an unforeseen condition by either of our parties at the time of contracting. These conditions involve an emergency effecting the safety of persons and workers and which must be a priority in the performance of work on this Project.

Due to the quickly changing dynamics, we cannot specifically quantify, at this time, any extensions of time and/or compensation which will be required but will quantify as soon as possible to the extent impacts result. While we are submitting this claim in order to comply with our contract, please be assured that our objective is to mitigate the time and cost impacts of this emergency and outbreak.

Please feel free to contact me to further discuss and evaluate potential Project impacts and/or delays and discuss how we can work together to manage this mutual concern. I look forward to hearing from you.

Respectfully,  
BAR Constructors, Inc.

Dennis J. Berger  
Project Manager

BAR Constructors Lost Production COVID-19 Hours

Employee	W/e Date	Reg/OT	Hours	\$ (BAR)	TYPE
11	6/21/2020	Reg	8.00	152.00	COVID/Quarantine
12	6/21/2020	Reg	8.00	176.00	COVID/Quarantine
15	6/21/2020	Reg	40.00	800.00	COVID/Quarantine
16	6/21/2020	Reg	8.00	160.00	COVID/Quarantine
24	6/21/2020	Reg	8.00	128.00	COVID/Quarantine
29	6/21/2020	Reg	40.00	720.00	COVID/Quarantine
30	6/21/2020	Reg	16.00	288.00	COVID/Quarantine
38	6/21/2020	Reg	8.00	160.00	COVID/Quarantine
39	6/21/2020	Reg	40.00	1,900.00	COVID/Quarantine
45	6/21/2020	Reg	8.00	192.00	COVID/Quarantine
49	6/21/2020	Reg	8.00	136.00	COVID/Quarantine
49	6/21/2020	Reg	8.00	136.00	COVID/Quarantine
51	6/21/2020	Reg	8.00	152.00	COVID/Quarantine
1	6/28/2020	Reg	8		COVID/Quarantine
2	6/28/2020	Reg	19		COVID/Quarantine
3	6/28/2020	Reg	8		COVID/Quarantine
4	6/28/2020	Reg	8		COVID/Quarantine
5	6/28/2020	Reg	8.00	144.00	COVID/Quarantine
7	6/28/2020	Reg	8.00	152.00	COVID/Quarantine
8	6/28/2020	Reg	10.50	210.00	COVID/Quarantine
9	6/28/2020	Reg	8.00	224.00	COVID/Quarantine
11	6/28/2020	Reg	8.00	152.00	COVID/Quarantine
12	6/28/2020	Reg	8.00	176.00	COVID/Quarantine
13	6/28/2020	Reg	8.00	300.00	COVID/Quarantine
14	6/28/2020	Reg	8.00	160.00	COVID/Quarantine
15	6/28/2020	Reg	40.00	800.00	COVID/Quarantine
16	6/28/2020	Reg	8.00	160.00	COVID/Quarantine
17	6/28/2020	Reg	8.00	160.00	COVID/Quarantine
18	6/28/2020	Reg	8.00	184.00	COVID/Quarantine
19	6/28/2020	Reg	8.00	144.00	COVID/Quarantine
22	6/28/2020	Reg	8.00	136.00	COVID/Quarantine
23	6/28/2020	Reg	8.00	224.00	COVID/Quarantine
24	6/28/2020	Reg	8.00	128.00	COVID/Quarantine
26	6/28/2020	Reg	14.00	252.00	COVID/Quarantine
27	6/28/2020	Reg	8.00	192.00	COVID/Quarantine
28	6/28/2020	Reg	8.00	176.00	COVID/Quarantine
29	6/28/2020	Reg	40.00	720.00	COVID/Quarantine
30	6/28/2020	Reg	40.00	720.00	COVID/Quarantine
33	6/28/2020	Reg	8.00	144.00	COVID/Quarantine
34	6/28/2020	Reg	8.00	168.00	COVID/Quarantine
36	6/28/2020	Reg	11.00	187.00	COVID/Quarantine
37	6/28/2020	Reg	10.50	220.50	COVID/Quarantine
38	6/28/2020	Reg	8.00	160.00	COVID/Quarantine
39	6/28/2020	Reg	40.00	1,900.00	COVID/Quarantine
40	6/28/2020	Reg	8.00	168.00	COVID/Quarantine
41	6/28/2020	Reg	11.00	187.00	COVID/Quarantine
45	6/28/2020	Reg	8.00	192.00	COVID/Quarantine
46	6/28/2020	Reg	8.50	170.00	COVID/Quarantine
47	6/28/2020	Reg	7.00	140.00	COVID/Quarantine
48	6/28/2020	Reg	8.00	184.00	COVID/Quarantine
49	6/28/2020	Reg	8.00	136.00	COVID/Quarantine
49	6/28/2020	Reg	8.00	136.00	COVID/Quarantine
51	6/28/2020	Reg	8.00	152.00	COVID/Quarantine
52	6/28/2020	Reg	11.00	220.00	COVID/Quarantine
15	7/5/2020	Reg	32.00	640.00	COVID/Quarantine
29	7/5/2020	Reg	32.00	576.00	COVID/Quarantine
30	7/5/2020	Reg	32.00	576.00	COVID/Quarantine
11	7/12/2020	Reg	40.00	760.00	COVID/Quarantine
12	7/12/2020	Reg	40.00	880.00	COVID/Quarantine
30	7/12/2020	Reg	40.00	720.00	COVID/Quarantine

**Definitions**  
 COVID/Quarantine - Employee tested positive for COVID or was exposed someone with COVID and required to quarantine for 14 days.

**Test** - Employees who did not feel well and went for COVID Testing

**Disruption** - Employees with pre-existing conditions who feared exposure to COVID. Employees also being cautious for direct family member with pre-existing conditions

## BAR Constructors Lost Production COVID-19 Hours

Employee	W/e Date	Reg/OT	Hours	\$ (BAR)	TYPE
42	7/12/2020	Reg	8.00	168.00	COVID/Quarantine
46	7/12/2020	Reg	40.00	800.00	COVID/Quarantine
11	7/19/2020	Reg	40.00	760.00	COVID/Quarantine
12	7/19/2020	Reg	40.00	880.00	COVID/Quarantine
16	7/19/2020	Reg	8.00	160.00	COVID/Quarantine
30	7/19/2020	Reg	16.00	288.00	COVID/Quarantine
46	7/19/2020	Reg	40.00	800.00	COVID/Quarantine
11	7/26/2020	Reg	16.00	304.00	COVID/Quarantine
12	7/26/2020	Reg	16.00	352.00	COVID/Quarantine
16	7/26/2020	Reg	24.00	480.00	COVID/Quarantine
42	7/26/2020	Reg	8.00	168.00	COVID/Quarantine
46	7/26/2020	Reg	32.00	640.00	COVID/Quarantine
16	8/2/2020	Reg	40.00	800.00	COVID/Quarantine
38	8/2/2020	Reg	8.00	160.00	COVID/Quarantine
46	8/2/2020	Reg	40.00	800.00	COVID/Quarantine
16	8/9/2020	Reg	40.00	800.00	COVID/Quarantine
46	8/9/2020	Reg	16.00	320.00	COVID/Quarantine
16	8/16/2020	Reg	40.00	800.00	COVID/Quarantine
45	8/16/2020	Reg	8.00	192.00	COVID/Quarantine
46	8/16/2020	OT	4.00	120.00	COVID/Quarantine
16	8/23/2020	Reg	40.00	800.00	COVID/Quarantine
16	8/30/2020	Reg	40.00	800.00	COVID/Quarantine
16	9/6/2020	Reg	34.00	680.00	COVID/Quarantine
16	9/13/2020	Reg	40.00	800.00	COVID/Quarantine
2	9/20/2020	Reg	24		COVID/Quarantine
13	9/20/2020	Reg	24.00	900.00	COVID/Quarantine
38	9/20/2020	Reg	8.00	160.00	COVID/Quarantine
40	9/20/2020	Reg	16.00	336.00	COVID/Quarantine
41	9/20/2020	Reg	32.00	672.00	COVID/Quarantine
2	9/27/2020	Reg	40		COVID/Quarantine
13	9/27/2020	Reg	40.00	1,500.00	COVID/Quarantine
40	9/27/2020	Reg	40.00	840.00	COVID/Quarantine
41	9/27/2020	Reg	40.00	840.00	COVID/Quarantine
45	9/27/2020	Reg	24.00	576.00	COVID/Quarantine
2	10/4/2020	Reg	8		COVID/Quarantine
13	10/4/2020	Reg	8.00	300.00	COVID/Quarantine
29	10/4/2020	Reg	16.00	288.00	COVID/Quarantine
40	10/4/2020	Reg	16.00	336.00	COVID/Quarantine
41	10/4/2020	Reg	8.00	168.00	COVID/Quarantine
45	10/4/2020	Reg	40.00	960.00	COVID/Quarantine
46	10/4/2020	OT	4.00	120.00	COVID/Quarantine
38	10/11/2020	Reg	16.00	320.00	COVID/Quarantine
41	10/11/2020	Reg	8.00	136.00	COVID/Quarantine
38	10/18/2020	Reg	40.00	800.00	COVID/Quarantine
38	10/25/2020	Reg	40.00	800.00	COVID/Quarantine
18	11/15/2020	Reg	8.00	184.00	COVID/Quarantine
6	11/22/2020	Reg	8.00	144.00	COVID/Quarantine
6	11/22/2020	Reg	8.00	144.00	COVID/Quarantine
7	11/22/2020	Reg	8.00	152.00	COVID/Quarantine
10	11/22/2020	Reg	24.00	432.00	COVID/Quarantine
18	11/22/2020	Reg	40.00	920.00	COVID/Quarantine
19	11/22/2020	Reg	16.00	288.00	COVID/Quarantine
33	11/22/2020	Reg	16.00	288.00	COVID/Quarantine
40	11/22/2020	Reg	40.00	840.00	COVID/Quarantine
18	11/29/2020	Reg	24.00	552.00	COVID/Quarantine
40	11/29/2020	Reg	24.00	504.00	COVID/Quarantine
35	12/20/2020	Reg	16.00	520.00	COVID/Quarantine
50	12/20/2020	Reg	16.00	368.00	COVID/Quarantine
41	1/10/2021	Reg	8.00	136.00	COVID/Quarantine
8	1/17/2021	Reg	32.00	640.00	COVID/Quarantine



## BAR Constructors Lost Production COVID-19 Hours

Employee	W/e Date	Reg/OT	Hours	\$ (BAR)	TYPE
41	1/17/2021	Reg	40.00	680.00	COVID/Quarantine
43	1/17/2021	Reg	24.00	408.00	COVID/Quarantine
8	1/24/2021	Reg	40.00	800.00	COVID/Quarantine
41	1/24/2021	Reg	40.00	680.00	COVID/Quarantine
8	1/31/2021	Reg	32.00	640.00	COVID/Quarantine
20	1/31/2021	Reg	8.00	160.00	COVID/Quarantine
37	1/31/2021	Reg	8.00	168.00	COVID/Quarantine
41	1/31/2021	Reg	8.00	168.00	COVID/Quarantine
41	1/31/2021	Reg	32.00	544.00	COVID/Quarantine
44	1/31/2021	Reg	8.00	160.00	COVID/Quarantine
25	3/14/2021	Reg	40.00	2,300.00	COVID/Quarantine
25	3/21/2021	Reg	40.00	2,300.00	COVID/Quarantine
38	4/11/2021	Reg	8.00	160.00	COVID/Quarantine
5	4/18/2021	Reg	16.00	304.00	COVID/Quarantine
21	4/18/2021	Reg	8.00	176.00	COVID/Quarantine
33	4/18/2021	Reg	8.00	144.00	COVID/Quarantine
35	4/18/2021	Reg	36.00	1,170.00	COVID/Quarantine
38	4/18/2021	Reg	8.00	160.00	COVID/Quarantine
50	4/18/2021	Reg	11.00	253.00	COVID/Quarantine
5	4/25/2021	Reg	40.00	760.00	COVID/Quarantine
24	4/25/2021	Reg	40.00	680.00	COVID/Quarantine
35	4/25/2021	Reg	40.00	1,300.00	COVID/Quarantine
5	5/2/2021	Reg	8.00	152.00	COVID/Quarantine
24	5/2/2021	Reg	40.00	680.00	COVID/Quarantine
35	5/2/2021	Reg	8.00	260.00	COVID/Quarantine
2	01/31/2021	Reg	9		COVID/Quarantine
46	5/10/2020	Reg	2.00	40.00	Test/Disruption
46	5/10/2020	OT	3.00	90.00	Test/Disruption
46	5/17/2020	Reg	2.00	40.00	Test/Disruption
46	5/17/2020	OT	1.00	30.00	Test/Disruption
46	5/24/2020	Reg	1.50	30.00	Test/Disruption
46	5/24/2020	OT	3.50	105.00	Test/Disruption
46	5/31/2020	OT	4.00	120.00	Test/Disruption
46	6/7/2020	Reg	0.50	10.00	Test/Disruption
46	6/7/2020	OT	4.50	135.00	Test/Disruption
46	6/14/2020	OT	5.00	150.00	Test/Disruption
8	6/21/2020	Reg	2.00	40.00	Test/Disruption
8	6/21/2020	OT	1.00	30.00	Test/Disruption
18	6/21/2020	Reg	2.00	46.00	Test/Disruption
18	6/21/2020	OT	1.00	34.50	Test/Disruption
19	6/21/2020	Reg	2.00	36.00	Test/Disruption
19	6/21/2020	OT	1.00	27.00	Test/Disruption
37	6/21/2020	Reg	2.00	42.00	Test/Disruption
37	6/21/2020	OT	1.00	31.50	Test/Disruption
46	6/21/2020	OT	5.00	150.00	Test/Disruption
8	6/28/2020	OT	0.50	15.00	Test/Disruption
32	6/28/2020	Reg	3.00	60.00	Test/Disruption
37	6/28/2020	OT	0.50	15.75	Test/Disruption
46	6/28/2020	OT	3.50	105.00	Test/Disruption
46	6/28/2020	OT	5.50	165.00	Test/Disruption
46	7/5/2020	OT	4.00	120.00	Test/Disruption
48	7/5/2020	Reg	3.00	69.00	Test/Disruption
48	7/5/2020	OT	1.00	34.50	Test/Disruption
5	7/12/2020	OT	2.00	54.00	Test/Disruption
26	7/19/2020	Reg	1.00	18.00	Test/Disruption
5	7/26/2020	OT	4.00	114.00	Test/Disruption
5	8/9/2020	OT	2.00	57.00	Test/Disruption
46	8/9/2020	OT	2.00	60.00	Test/Disruption
36	8/23/2020	Reg	5.00	85.00	Test/Disruption
46	8/23/2020	Reg	0.50	10.00	Test/Disruption

## BAR Constructors Lost Production COVID-19 Hours

Employee	W/e Date	Reg/OT	Hours	\$ (BAR)	TYPE
46	8/23/2020	OT	0.50	15.00	Test/Disruption
46	8/23/2020	OT	1.00	30.00	Test/Disruption
46	8/30/2020	OT	3.00	90.00	Test/Disruption
46	9/6/2020	Reg	1.50	30.00	Test/Disruption
46	9/6/2020	OT	2.50	75.00	Test/Disruption
46	9/13/2020	Reg	1.00	20.00	Test/Disruption
46	9/13/2020	OT	4.00	120.00	Test/Disruption
46	9/20/2020	OT	4.00	120.00	Test/Disruption
8	9/27/2020	Reg	3.00	60.00	Test/Disruption
8	9/27/2020	OT	1.00	30.00	Test/Disruption
18	9/27/2020	Reg	3.00	69.00	Test/Disruption
18	9/27/2020	OT	1.00	34.50	Test/Disruption
46	9/27/2020	OT	3.00	90.00	Test/Disruption
46	10/11/2020	Reg	0.50	10.00	Test/Disruption
46	10/11/2020	OT	4.50	135.00	Test/Disruption
5	10/18/2020	OT	4.00	114.00	Test/Disruption
46	10/18/2020	OT	1.00	30.00	Test/Disruption
5	10/25/2020	Reg	0.50	9.50	Test/Disruption
5	10/25/2020	OT	3.50	99.75	Test/Disruption
5	11/1/2020	OT	3.00	85.50	Test/Disruption
45	11/1/2020	Reg	5.50	132.00	Test/Disruption
5	11/8/2020	Reg	0.50	9.50	Test/Disruption
5	11/8/2020	OT	2.50	71.25	Test/Disruption
31	11/8/2020	OT	1.00	28.50	Test/Disruption
10	11/15/2020	OT	1.00	27.00	Test/Disruption
31	11/15/2020	Reg	0.75	14.25	Test/Disruption
31	11/15/2020	OT	2.25	64.13	Test/Disruption
31	11/22/2020	Reg	2.50	47.50	Test/Disruption
31	11/22/2020	OT	2.50	71.25	Test/Disruption
31	11/29/2020	OT	1.00	28.50	Test/Disruption
46	11/29/2020	OT	2.00	60.00	Test/Disruption
5	12/6/2020	OT	4.00	114.00	Test/Disruption
18	12/6/2020	Reg	3.00	69.00	Test/Disruption
18	12/6/2020	OT	1.00	34.50	Test/Disruption
46	12/6/2020	Reg	1.00	20.00	Test/Disruption
5	12/13/2020	Reg	0.50	9.50	Test/Disruption
5	12/13/2020	OT	4.50	128.25	Test/Disruption
5	12/20/2020	OT	5.00	142.50	Test/Disruption
5	12/27/2020	Reg	1.00	19.00	Test/Disruption
5	12/27/2020	OT	3.00	85.50	Test/Disruption
46	1/10/2021	Reg	1.00	20.00	Test/Disruption
46	1/10/2021	OT	4.00	120.00	Test/Disruption
5	1/17/2021	Reg	0.50	9.50	Test/Disruption
5	1/17/2021	OT	4.50	128.25	Test/Disruption
5	1/24/2021	OT	1.00	28.50	Test/Disruption
24	1/24/2021	Reg	1.00	17.00	Test/Disruption
24	1/24/2021	OT	2.00	51.00	Test/Disruption
46	1/24/2021	OT	1.00	30.00	Test/Disruption
20	1/31/2021	OT	1.00	30.00	Test/Disruption
24	1/31/2021	Reg	2.00	34.00	Test/Disruption
24	1/31/2021	OT	3.00	76.50	Test/Disruption
37	1/31/2021	OT	1.00	31.50	Test/Disruption
41	1/31/2021	OT	1.00	31.50	Test/Disruption
44	1/31/2021	OT	1.00	30.00	Test/Disruption
5	2/7/2021	Reg	0.50	9.50	Test/Disruption
5	2/7/2021	OT	0.50	14.25	Test/Disruption
24	2/7/2021	OT	3.00	76.50	Test/Disruption
5	2/14/2021	Reg	1.00	19.00	Test/Disruption
24	2/14/2021	Reg	1.50	25.50	Test/Disruption
24	2/14/2021	OT	2.50	63.75	Test/Disruption

BAR Constructors Lost Production COVID-19 Hours

Employee	W/e Date	Reg/OT	Hours	\$ (BAR)	TYPE
24	2/28/2021	Reg	0.25	4.25	Test/Disruption
24	2/28/2021	OT	4.75	121.13	Test/Disruption
24	3/7/2021	Reg	0.50	8.50	Test/Disruption
24	3/7/2021	OT	4.50	114.75	Test/Disruption
24	3/14/2021	OT	3.00	76.50	Test/Disruption
24	3/21/2021	OT	5.00	127.50	Test/Disruption
24	3/28/2021	OT	5.00	127.50	Test/Disruption
24	4/4/2021	Reg	1.00	17.00	Test/Disruption
24	4/4/2021	OT	3.00	76.50	Test/Disruption
24	4/11/2021	Reg	0.50	8.50	Test/Disruption
24	4/11/2021	OT	3.50	89.25	Test/Disruption
21	4/18/2021	OT	1.00	33.00	Test/Disruption
24	4/18/2021	Reg	1.00	17.00	Test/Disruption
24	4/18/2021	OT	4.00	102.00	Test/Disruption
10	4/25/2021	Reg	2.00	36.00	Test/Disruption
10	4/25/2021	OT	3.00	81.00	Test/Disruption
10	5/2/2021	Reg	1.00	18.00	Test/Disruption
10	5/9/2021	Reg	1.00	18.00	Test/Disruption
10	5/16/2021	OT	1.00	27.00	Test/Disruption
24	5/16/2021	OT	1.00	25.50	Test/Disruption
24	5/23/2021	Reg	2.25	38.25	Test/Disruption
24	5/23/2021	OT	2.75	70.13	Test/Disruption
5	5/30/2021	Reg	2.00	40.00	Test/Disruption
24	5/30/2021	Reg	4.25	72.25	Test/Disruption
24	5/30/2021	OT	2.75	70.13	Test/Disruption
10	6/6/2021	Reg	2.25	40.50	Test/Disruption
10	6/6/2021	OT	1.75	47.25	Test/Disruption
10	6/13/2021	Reg	0.83	15.77	Test/Disruption
10	6/13/2021	OT	3.17	90.35	Test/Disruption
			3,201.00	3,289.26	

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>
<b>Change Proposal No.:</b>	<u>CP0042</u>	<b>Description:</b>	<u>Covid 19 Impacts August &amp; September 2021</u>
<b>Specification:</b>	<u>N/A</u>		
<b>Drawing No.:</b>	<u>N/A</u>	<b>Detail Description:</b>	<u>N/A</u>
<b>Reference Document:</b>			
<input type="checkbox"/> Request for a Change Proposal No.: _____ <input type="checkbox"/> Request for Information No.: _____			
<input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input type="checkbox"/> Field Order No.: _____			
<b>Contractor proposes the following modifications to the Contract Documents:</b>			
Added contract days as indicated in attached documentation.			
<b>Purpose of Change Proposal:</b>			
Covid 19 Impacts during the months of August and September 2021.			
<b>Attachments:</b>			
CP Request letter and Time Impact Analysis BAR Schedule Recovery Plan – 9/15/2021 (this plan indicates recovery efforts to address staffing impacts)			
<b>Requested Action:</b>			
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes			
<b>Basis of Compensation:</b>			
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01			
<input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01			
<b>Required Documentation:</b>			
<input type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change			
<input checked="" type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times			
<b>Total Change Proposal Amount:</b>		<u>\$0</u>	<b>Adjustment in Contract Times (days):</b>
			<u>9</u>

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 9/24/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/24/2021



September 24, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP042 August 2021 TIA COVID Delays

Dear Mr. Gaughan,

Please find the attached NBCs submitted due to Covid-19. BAR Constructors, Inc. requests an ADD to the contract amount of TBD as Covid-19 is an ongoing problem with BAR and its vendors and subs. BAR Constructors, Inc. requests a time extension of 39 calendar days. Below is the time impact analysis showing the start of the NBC and the amount of days it took to resolve the delay.

Notification By Contractor resulting in the TIA:

- NBC 11A: TMC Employee Covid-19 Delay – BAR was notified of a TMC employee working at the UV testing positive for Covid-19 which makes him quarantine for 2 weeks. This employee was a crucial part of the UV and there were potential delays for UV startup. 12 days
  - After completing a TIA, it was proven that an additional 7 days could be justified for this delay. This TIA was a compilation of NBC 11a, 25, 29, & 36
- NBC 15: Ferguson Supply Chain Letter – Announcement of possible delays of piping due to Covid-19 being a global pandemic. Ongoing, days requested TBD
  - Pending and will be processed at a later date
- NBC 17: HVAC Equipment Delay – Delay of shipping HVAC units was pushed back one week. 2 days
  - After completing a TIA, it was discovered that no additional days could be justified for this delay as it did not effect the critical path nor the SC & FC dates.
- NBC 18: Fontaine Gates Delay - Delay started 3/26/2020, this delay did not impact our schedule. 0 Days
  - After completing a TIA, it was discovered that no additional days could be justified for this delay as it did not effect the critical path nor the SC & FC dates.
- NBC 22: EB3 HVAC Startup Rep COVID Infection – Addison Rep became sick of COVID and pushed back this startup 2 days – 2 day delay



- After completing a TIA, it was discovered that no additional days could be justified for this delay as it did not effect the critical path nor the SC & FC dates.
- NBC 23: EB1 Roofing Material Delay – On 8/13/2021, the roofer notified BAR constructors of material shortage due to Covid-19. The work is scheduled to start 9/7/2021 but due to this delay, we lost 2 days in production. 2 days
  - After completing a TIA, it was discovered that no additional days could be justified for this delay as it did not effect the critical path nor the SC & FC dates.
- NBC 25: TMC Employee Covid-19 Delay – BAR was notified on 8/24/2021 that TMC lost three employees working in critical areas of the project. 12 days
  - After completing a TIA, it was proven that an additional 7 days could be justified for this delay. This TIA was a compilation of NBC 11a, 25, 29, & 36
- NBC 26: Travis Industries Material Shortage – Duraplate 6000 is no longer being produced due to Covid-19 and material shortages. 6 days
  - Pending and will be processed at a later date
- NBC 27: TMC Employee Covid-19 Update – On 8/27/2021, TMC informed BAR of another employee with covid-19 symptoms being sent home to get tested. As of 8/30/2021
  - After completing a TIA, it was proven that an additional 2 days could be justified for this delay. This TIA was a compilation of NBC 25 and 27.
- NBC 29: TMC Covid-19 Update – BAR was updated on 8/31/2021 of another possible covid-19 employee. On 9/1/2021, it was confirmed that this employee was positive. 12 days
  - After completing a TIA, it was proven that an additional 7 days could be justified for this delay. This TIA was a compilation of NBC 11a, 25, 29, & 36
- NBC 36: TMC UV Re-Wire: It was discovered on 09/17/2021 that TMC had wired Channel B of the UV system incorrectly. This was a direct reflection of NBC 025. TMC had to put another employee on the UV system to complete wiring which he was not as well versed as the employee who contracted COVID 19 (NBC 025). In doing so, this was wired incorrectly and cost TMC 2 days of re-wire. TMC had to pull employees off critical path activities to have this wired correctly while the UV Rep was onsite.
  - After completing a TIA, it was proven that an additional 7 days could be justified for this delay. This TIA was a compilation of NBC 11a, 25, 29, & 36

Attachments:

Time Impact Analysis (TIA) Narrative and Schedules

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.

## PCWWTP TIA

### Time Impact Analysis of August 2021 Delays/NBC's

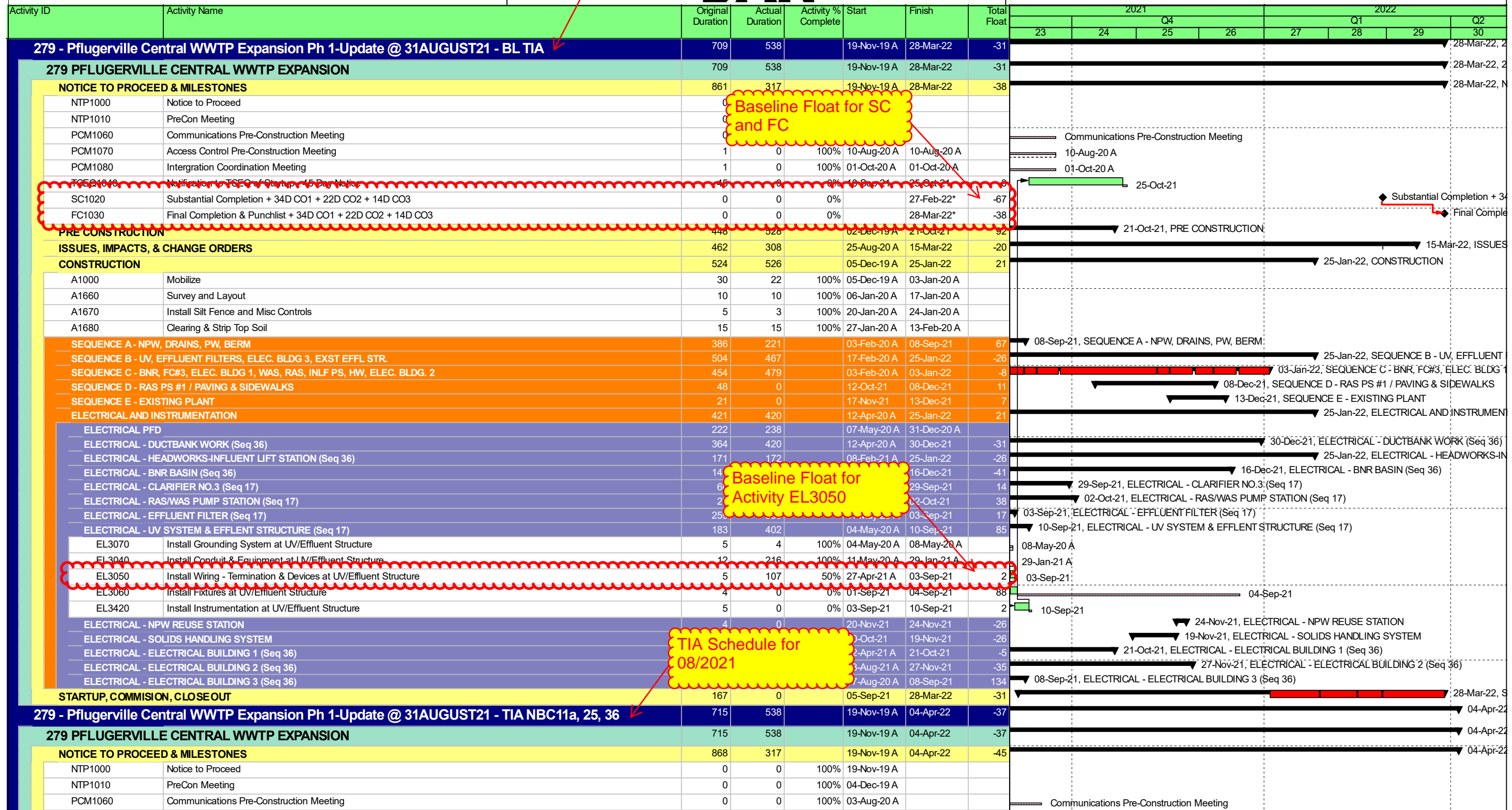
- **Explanation of TIA**
  - In regard to the activities below, the start dates did not change. We added a Lag to each of the schedule items which simulates the delay to the successor and that will impact the float.
  
- **Summary of NBC's used for the TIA**
  - NBC 11a
  - NBC 25
  - NBC 27
  - NBC 29
  - NBC 36
  
- **TIA – NBC - 11a, 25, 29, 36 COVID UV BASIN**
  - Activity EL3050 - The following COVID NBC's were a direct impact to the schedule that resulted in delays to the wiring of the UV equipment. Employees that were working on the UV equipment were either exposed to COVID or infected were forced to abandon their workstations. Other employees were pulled off critical path items to ensure we stayed on schedule with the startup of the UV equipment.
    - NBC 11a - TMC employee was out 10 days due to COVID, 5 days claimed due to loss of production.
      - Employees were pulled from other critical path activities to ensure we stayed on schedule with the startup of the UV equipment.
    - NBC 25 – An additional 2 days due to another employee having fever onsite and was removed to have tested.
      - Employees were pulled from other critical path activities to ensure we stayed on schedule with the startup of the UV equipment.
    - NBC 29 – TMC had another employee test positive for COVID and was out for 10 days. The employee was directly working on the UV system. We've combined this loss of production with NBC11a.
    - NBC 36 - An additional 2 days claimed (NBC 36) due to a new electrician not being as well versed on the UV system as the previous.
  - Activity EL 3050 – CPM Schedule Evaluation of the impact to the project
    - Added 7days lag to successor EL3420 to show the impact of associated NBCs
    - Currently showing -7 days of float for activity EL3050
    - Baseline Activity EL3050 showed 2 days of float with impact currently shows -7 days of float
  - Activity EL3050 Total Impact
    - BAR is requesting for 7 days be added to the contract



- **TIA – NBC 25 & 27 EB 2 Underslab Duct Banks COVID**
  - Activity EL3210 - The following COVID NBC's were a direct impact to the schedule that resulted in delays to the underslab duct banks at EB2. Employees that were working on the duct banks were either exposed to COVID or infected were forced to abandon their workstations.
    - NBC 25 – Employee was out due to high fever for 5 days
    - NBC 27 – Employee was out due to high fever for 1 day
  - Activity EL32010 CMP Schedule Evaluation of the impact to the project.
    - Added 3 days lag to successor C2290 to show the impact of associated NBC's
    - Baseline Activity EL3210 showed -35 days of float with impact currently shows -37 days of float
  - Activity EL3210 Total Impact
    - BAR is requesting for 2 days be added to the contract

**TIA – NBC – 11a, 25, 29, 36 COVID UV BASIN**

Baseline Schedule for 08/2021



Baseline Float for SC and FC

Baseline Float for Activity EL3050

TIA Schedule for 08/2021

█ Remaining Level of Effort   
 █ Remaining Work   
  Summary   
  WBS Summary Pr...

█ Actual Level of Effort   
 █ Critical Remaining Work   
  Float Bar   
  WBS Summary Activity

◆ Actual Work   
 ◆ Milestone   
  WBS Summary Activity





TIA Float for SC & FC, showing additional -7 days of float from Baseline

Activity ID	Activity Name	Original Duration	Actual Duration	Activity Complete	2021				2022					
					Q4				Q1					
					23	24	25	26	27	28	29	30		
PCM1070	Access Control Pre-Construction Meeting	1	0	100%	10-Aug-20 A	10-Aug-20 A								
PCM1080	Intergration Coordination Meeting	1	0	100%	01-Oct-20 A	01-Oct-20 A								
FC1030	Final Completion & Punchlist + 34D CO1 + 22D CO2 + 14D CO3	0	0	0%	04-Apr-22*									◆ Final Completion
SC1020	Substantial Completion + 34D CO1 + 22D CO2 + 14D CO3	0	0	0%	05-Mar-22*									◆ Substantial Completion
<b>PRE CONSTRUCTION</b>		448	528		02-Dec-19 A	21-Oct-21								
<b>ISSUES, IMPACTS, &amp; CHANGE ORDERS</b>		468	308		25-Aug-20 A	22-Mar-22								
<b>CONSTRUCTION</b>		524	526		05-Dec-19 A	25-Jan-22								
A1000	Mobilize	30	22	100%	05-Dec-19 A	03-Jan-20 A								
A1660	Survey and Layout	10	10	100%	06-Jan-20 A	17-Jan-20 A								
A1670	Install Silt Fence and Misc Controls	5	3	100%	20-Jan-20 A	24-Jan-20 A								
A1680	Clearing & Strip Top Soil	15	15	100%	27-Jan-20 A	13-Feb-20 A								
<b>SEQUENCE A - NPW, DRAINS, PW, BERM</b>		386	221		03-Feb-20 A	08-Sep-21								
<b>SEQUENCE B - UV, EFFLUENT FILTERS, ELEC. BLDG 3, EXST EFFL STR.</b>		504	467		17-Feb-20 A	25-Jan-22								
<b>SEQUENCE C - BNR, FC#3, ELEC. BLDG 1, WAS, RAS, INFL PS, HW, ELEC. BLDG. 2</b>		454	479		03-Feb-20 A	03-Jan-22								
<b>SEQUENCE D - RAS PS #1 / PAVING &amp; SIDEWALKS</b>		48	0		12-Oct-21	08-Dec-21								
<b>SEQUENCE E - EXISTING PLANT</b>		21	0		17-Nov-21	13-Dec-21								
<b>ELECTRICAL AND INSTRUMENTATION</b>		421	420		12-Apr-20 A	25-Jan-22								
<b>ELECTRICAL PFD</b>		222	238		07-May-20 A	31-Dec-20 A								
<b>ELECTRICAL - DUCTBANK WORK (Seq 36)</b>		364	238		07-May-20 A	31-Dec-20 A								
<b>ELECTRICAL - HEADWORKS-INFLUENT LIFT STATION (Seq 36)</b>		171	222		07-May-20 A	31-Dec-20 A								
<b>ELECTRICAL - BNR BASIN (Seq 36)</b>		141	221		07-May-20 A	31-Dec-20 A								
<b>ELECTRICAL - CLARIFIER NO.3 (Seq 17)</b>		60	21		07-May-20 A	31-Dec-20 A								
<b>ELECTRICAL - RAS/WAS PUMP STATION (Seq 17)</b>		27	21		07-May-20 A	31-Dec-20 A								
<b>ELECTRICAL - EFFLUENT FILTER (Seq 17)</b>		259	21		07-May-20 A	31-Dec-20 A								
<b>ELECTRICAL - UV SYSTEM &amp; EFFLUENT STRUCTURE (Seq 17)</b>		186	82		07-May-20 A	31-Dec-20 A								
EL3070	Install Grounding System at UV/Effluent Structure	5	4	100%	04-May-20 A	08-May-20 A								
EL3040	Install Conduit & Equipment at UV/Effluent Structure	12	216	100%	11-May-20 A	29-Jan-21 A								
EL3050	Install Wiring - Termination & Devices at UV/Effluent Structure - TIA	5	107	50%	27-Apr-21 A	03-Sep-21								
EL3060	Install Fixtures at UV/Effluent Structure	4	0	0%	01-Sep-21	04-Sep-21								
EL3420	Install Instrumentation at UV/Effluent Structure	5	0	0%	08-Sep-21	14-Sep-21								
<b>ELECTRICAL - NPW REUSE STATION</b>		4	0		20-Nov-21	24-Nov-21								
<b>ELECTRICAL - SOLIDS HANDLING SYSTEM</b>		18	0		30-Oct-21	19-Nov-21								
<b>ELECTRICAL - ELECTRICAL BUILDING 1 (Seq 36)</b>		146	120		12-Apr-21 A	21-Oct-21								
<b>ELECTRICAL - ELECTRICAL BUILDING 2 (Seq 36)</b>		73	7		23-Aug-21 A	27-Nov-21								
<b>ELECTRICAL - ELECTRICAL BUILDING 3 (Seq 36)</b>		313	315		17-Aug-20 A	08-Sep-21								
<b>STARTUP, COMMISSION, CLOSE OUT</b>		173	0		05-Sep-21	04-Apr-22								

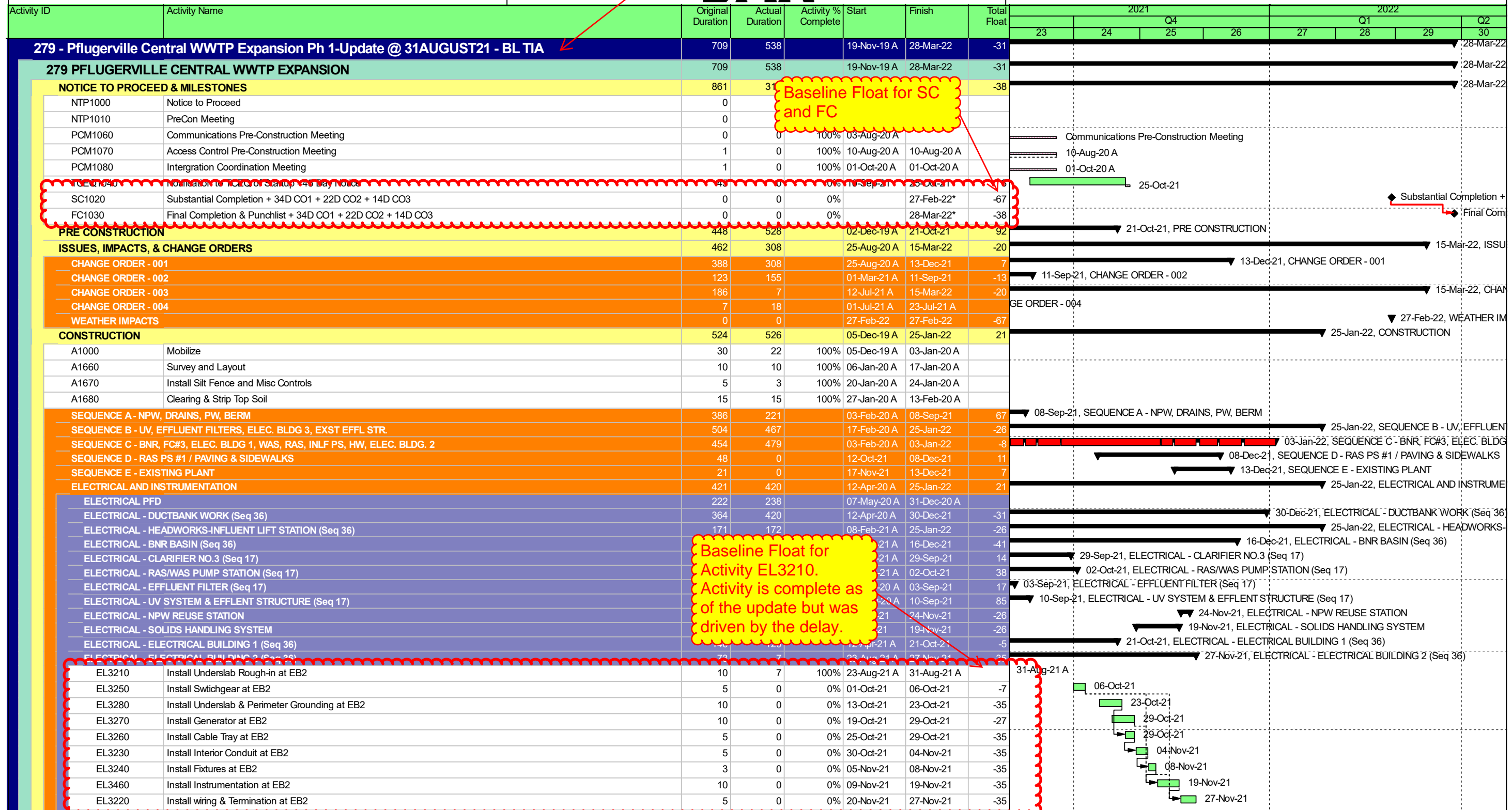
TIA Float for Activity EL3050; Showing additional -7 days float from baseline

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary
- Float Bar
- WBS Summary Activity
- WBS Summary Pr...



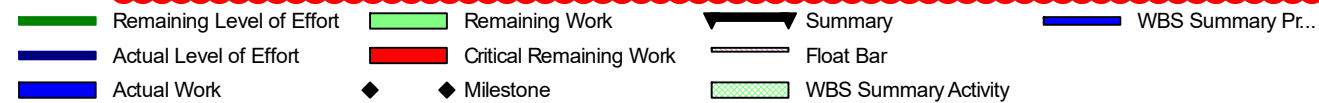
**TIA – NBC – 25, 27 EB2 Underslab Duct Banks**  
**COVID**

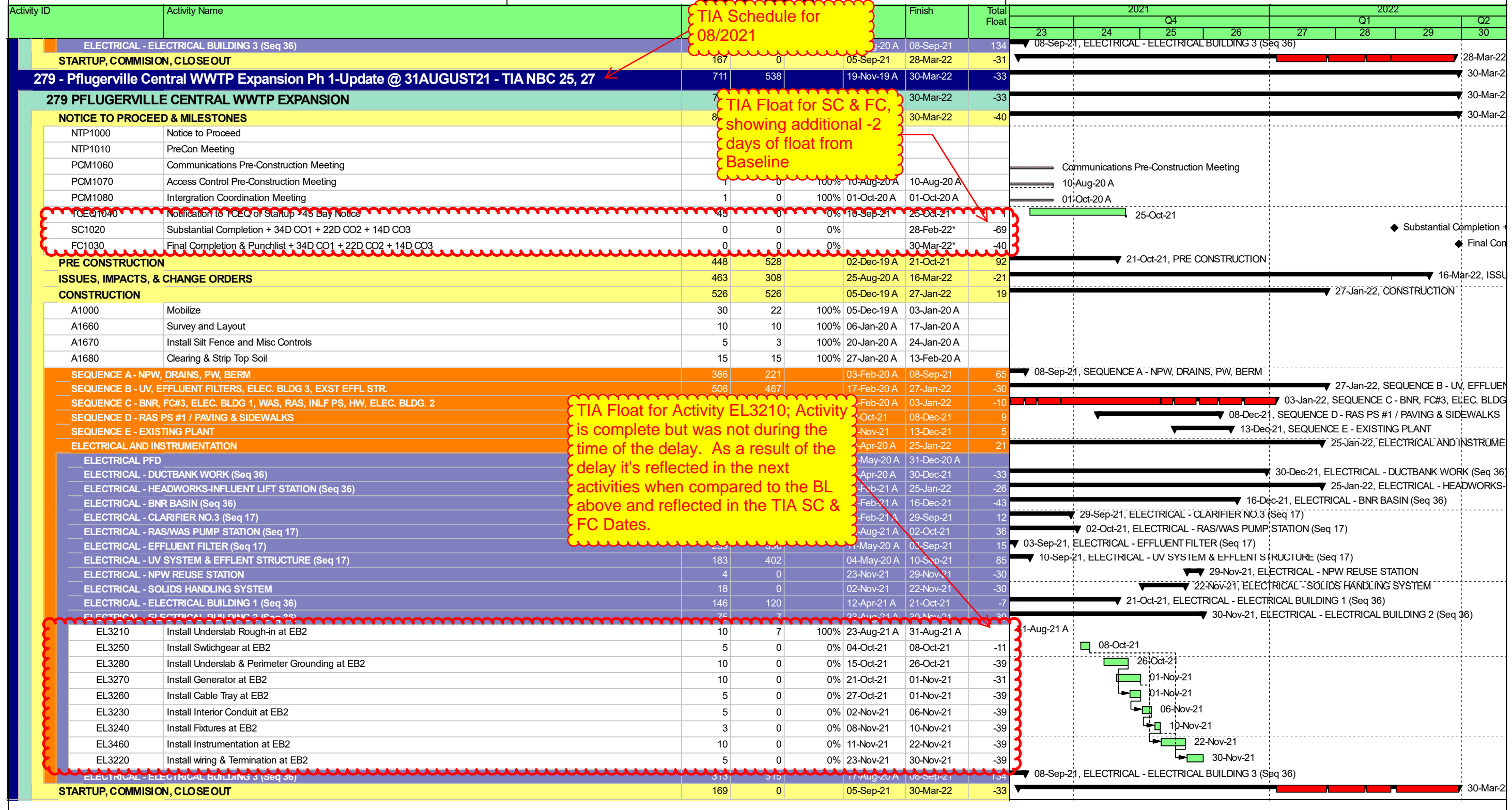
Baseline Schedule for 08/2021



Baseline Float for SC and FC

Baseline Float for Activity EL3210. Activity is complete as of the update but was driven by the delay.





█ Remaining Level of Effort   
 █ Remaining Work   
  Summary   
  WBS Summary Pr...

Actual Level of Effort   
 █ Critical Remaining Work   
  Float Bar   
  WBS Summary Activity

Actual Work   
 ◆ ◆ Milestone





To: City of Pflugerville and PSE Team  
From: Dennis Berger, Trevor Wolfe  
CC:  
Date: 9/15/2021  
Re: BAR's Plan of Action for Schedule Recovery

---

Per Specification 01 33 05 section 1.04.A.1, Construction Progress Schedule, BAR Constructors (BAR) is submitting their plan of action for schedule recovery as required by the contract if the progress schedule for the project falls more than 30 days behind schedule. For the September 2021 schedule update, BAR is currently projecting to be 67+ days behind schedule (Section 1.04.A.1.a).

**Narrative Schedule Recovery Description (Section 1.04.A.1.b)**

BAR and their subcontractors have implemented the following strategies to attempt to stay on current schedule and potentially reduce the number of days behind the current schedule due to schedule delays which have been caused by labor and materials delays caused by the COVID-19 epidemic:

- Extended Work Hours and Weekend Work
- Continued Recruiting Efforts and other workers
- Other Contractor Partnering
- Focus on critical process areas
- Mobilizing additional BAR resources from North Texas Division

BAR has informed the City and PSE multiple times that their goal is to try and finish the project on their current schedule and getting back to the current contract Substantial and Final Completion dates with the current material and labor shortages is not possible. BAR is working with PSE and Freese & Nichols to come up with alternative schedule paths to get the BNR, Clarifier and other systems up and running if Freese and the City can get TCEQ to increase permit limit without the Influent Lift Station and Headworks.

***Extended Work Hours and Weekend Work***

In June of 2021, BAR and their subcontractors began working extended hours and weekend on critical path work in an effort to stop losing schedule and retain the current negative float incurred on the project due to COVID-19 delays. In June, July and August BAR has been able to hold their current schedule and not lose any more time on the project currently.

In current summer climate, BAR and subcontractors must be careful with over working their current labor force beyond 10 hrs. a day and on Saturdays. Overextending their workforce will lead to some of the following factors:

- Heat Exhaustion or Strokes
- Poor Quality of Work
- Safety Issues and Accidents
- Workforce losses



As noted above, BAR is looking at strategies and areas where to work more time to hopefully recover some schedule.

### *Labor Recruiting Efforts and Workers*

Since the start of the project, BAR has had Ads posted in the local papers and online avenues trying to recruit local help from the Pflugerville and Austin Area. Below are links to the ads:

<https://barconstructors.com/employment/>

<https://www.linkedin.com/jobs/view/2656488035/?refId=dhBzZPuvf7hwFv9IPu2eHw%3D%3D>

[https://m.facebook.com/profile.php?id=100067969256612&\\_rdr](https://m.facebook.com/profile.php?id=100067969256612&_rdr)

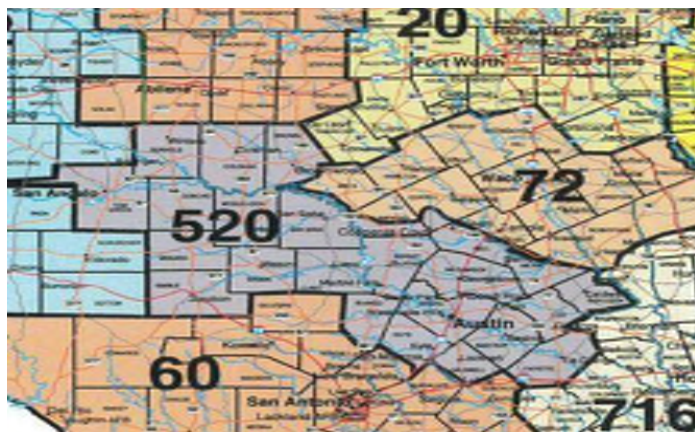
<https://www.indeed.com/job/pipe-layerlaborer-e3b022f5948a77d5>

<https://www.workintexas.com/vosnet/jobbanks/jobdetails.aspx?enc=93Iq7cbf4wxXV4gFZceyHS7ZKbuk8K3ED/TLuVRadFopLEH48icoIYfTDsDCtTn8UOFbtIuAo6eH8WORnPXG59OvfwiTVDJnaYiAnQHhwUbm+qzm1turtzcz1+NNUcuk>

<https://www.workintexas.com/vosnet/jobbanks/jobdetails.aspx?enc=9B8/uT7EfbEIDLIMZ8rho+RhBI+uu0wbzHruropb9CchARUJm59x9cZucUEj+puklxP3HyhC7MfbL7g+DkhKy2mJcBHhJG5agUHdYjX8M65p7f38/6lunb2nK4maKunB>

BAR has conducted over 85+ interviews with potential candidates since the start of the project. BAR has been able to hire 4 foreman and 50+ laborers but after a couple months of working for BAR, they either have been let go or fired due to poor workmanship or work ethic. BAR has also offered all employees a referral bonus of \$500 per employee hired in an attempt to find more labor force. BAR continues to bring down additional resources from the DFW area to assist on the project when they come available off existing DFW projects. This week, 3 new resources were brought down this week to assist with critical path work.

T Morales Company (TMC) has been greatly impacted by labor shortages due to COVID-19 but also limiting resources from the Union (IBEW Local 520). TMC is constantly getting on the list with the Union and then they are put in order of request with all the other electrical companies in the area. As of today, they are number 13 in the waiting line for available journeyman or apprentices. Once TMC is up in line, the Union will provide a candidate somewhere in the 520 jurisdictional map shown below:





Depending on where the candidate lives in the 520 area, TMC looks to place the candidate on a project in a vicinity close to where they live as many will turn down work which requires them to travel from San Angelo or La Grande to a project far away. Then TMC will get back on the list again to go through the process again for another candidate.

If the Union cannot provide a candidate, TMC is allowed to go out to non-union electricians to see if there are any qualified candidates who have industrial experience. Residential and commercial electricians are not very qualified for industrial work, not used to the specialized installations, work with medium voltage and other aspects of industrial scope of work which is not same or “cookie cutter” type work. Unfortunately, there are many competing commercial projects in the Pflugerville area offering at least \$5-10 more per hour than the current industry rates for municipal projects. TMC will continue to look for resources and unfortunately TMC has also been hit with 4 cases of COVID-19 on their current workforce the month of August alone.

Recently there was new mandate from US Government requiring companies with more that 100 workers to require COVID-19 vaccinations or test employees weekly could also cause issues with the workforce. BAR and TMC are both over 100 employees and will inform the City and PSE of any future impacts if this mandate is required. BAR currently encourages all their employees to get vaccinations and provides incentives. In 2020, BAR lost over 3000 manhours due to COVID-19 and is continuously tracking as we progress through this world wide pandemic.

#### ***Other Contractor Partnering***

BAR and TMC have had multiple meetings to discuss if there were any areas where another contractor or subcontractor could be brought in to assist. BAR and TMC have reached out to a couple of contractors they have partnered with previously and unfortunately, some are not local to the Austin area and if they are, they are in the same boat as BAR looking for additional resources as well. The following have been the issues with trying to find other contractor resources:

- Escalation in costs for new contractor to come onto job
- Shortage of labor currently being experienced by other contractors
- Delayed deliveries and shortage of material does not allow for work to be done ahead of schedule
- Contract Negotiations with other contractors
- Consistency and Quality of Work
- Conflicts with BAR oversight and PSE inspection
- Liability of work performed by others

BAR and TMC will continue to look at options but bringing in other contractors is not looking viable at the stage of where the project is right now.

#### ***Focus on Critical Process Areas***

BAR and TMC are currently working with Freese & Nichols and PSE to come up with a completion schedule to accelerate the ability for the City of Pflugerville Central Wastewater Treatment Plant to increase their treatment capacity up to 7.25 MGD. Based on email from Freese on 9/3/2021, the following items need to be completed:

1. UV Basin including Parshall flume and effluent pipe
2. Filter Basin
3. Clarifier #3
4. Mixed Liquor Splitter Box
5. Mixed Liquor Junction Box



- 6. Alum Mixer (Recommended not required) and Dosing System
- 7. BNR Basin #3 (Recommended to include appurtenant items like Actuated Plug Valve, Ovivo Control System, DO/ORP Instruments)
- 8. RAS/WAS PS #2 including RAS pipe to RAS Splitter box and WAS pipe to WAS holding tank
- 9. RAS Splitter Box
- 10. Influent Splitter Box (Partially, allow temporary pipe connection directly to Splitter Box to BNR Basin #3, and recommend that isolation gate for BNR #3 installed.)
- 11. Electrical Building No. 1
- 12. Temporary Pump System in Existing Headworks to Influent Splitter Box (BNR Basin #3 Influent)
- 13. New Drain System including temporary 12-D to existing interceptor.
- 14. Existing Aeration Basins tied into new Junction Box
- 15. Existing Clarifiers tied into new Mixed Liquor Splitter Box
- 16. Temporary NPW tie-in to existing NPW pumps

Freese is also working on a list of items which may impact Plant Operations and will need to be reviewed as well.

This completion schedule is pending a decision by TCEQ which the City and Freese are currently in discussions with to see if TCEQ would allow. If TCEQ approves and the City recommends going forward, BAR and their subcontractors will reallocate their crews to complete this scope of work first. After completed, BAR will move back to complete the influent lift station and headworks as fast as possible. BAR would request the City and Project Team to revise the contract schedule requirements to adjust the Substantial and Final Completion Milestones accordingly based on the schedule BAR is submitting with this Recovery Plan.

**Conclusion**

See the attached TCEQ 7.25 MGD Schedule submitted with this Recovery Schedule Plan. See below for a table which compares the schedule:

Schedule Description	7.25 MGD No ILS/HW	7.25 MGD All Complete	
	Interim SC	SC	FC
July 2021 Update	N/A	2/8/22	4/9/22
TCEQ 7.25 MGD Update	02/19/2022	02/19/2022	05/13/2022

BAR will continue to try and recover schedule where possible. Future impacts of COVID-19 on labor and materials are unfortunately still impacting this project and the industry daily. BAR will continue to openly communicate schedule progress with the City and Project Team. Please review and a meeting can be scheduled to discuss any questions or comments the City and Project Team may have.

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

<b>NBC No.:</b>	<u>011</u>	<b>Description:</b>	<u>08/09/2021 T. Morales Employee COVID</u>
<b>Specification:</b>	<u></u>		
<b>Drawing No.:</b>	<u></u>	<b>Detail Description:</b>	<u>08/09/2021 T. Morales Employee COVID</u>

**Notification is given of the following:**

Testing and Inspections	Notifications and Requests
<input type="checkbox"/> Concrete Placement Notice	<input type="checkbox"/> Notice of a conflict, error, or discrepancy in the Contract Documents
<input type="checkbox"/> Concrete Testing Request	<input checked="" type="checkbox"/> Notice of Delay or Disruption
<input type="checkbox"/> Soils Testing Request	<input type="checkbox"/> Notice of Unforeseen Site Condition
<input type="checkbox"/> Coatings Testing Request	<input type="checkbox"/> Notice of Utility Conflict
<input type="checkbox"/> Pipe Testing Request	<input type="checkbox"/> Notice of Hazardous Environmental Conditions
<input type="checkbox"/> Review of Sample or Mock-Up	<input type="checkbox"/> Notice of Surety Default or Liens / Claims Against Payment Bond
<input type="checkbox"/> Architectural Observation Request	<input type="checkbox"/> Notice of Insurance Change
<input type="checkbox"/> Structural Observation Request	<input type="checkbox"/> Notice of Change in Contractor Staff or Subcontract
<input type="checkbox"/> Mechanical Observation Request	<input checked="" type="checkbox"/> Notice of Work impacting Owner, Utilities or adjacent property
<input type="checkbox"/> Electrical Observation Request	<input type="checkbox"/> Notice of Indemnified Loss
<input type="checkbox"/> Plumbing Observation Request	<input type="checkbox"/> Notice of potential Change Request / Claim
<input type="checkbox"/> Substantial Completion Inspection	<input type="checkbox"/> Request for facility shutdown, connection or disruption of service
<input type="checkbox"/> Final Completion Inspection	<input type="checkbox"/> Request for a pre-submittal or pre-installation meeting
	<input type="checkbox"/> Request to Work Outside Regular Hours
	<input type="checkbox"/> Other (See Below)

Schedule for testing, observation, or inspection (date and time):

**Comments:**  
On 08/09/2021 BAR was notified that one of T. Morales crew that was working on the UV Basin Wiring tested positive for COVID 19. He as been removed and sent home for isolation and recovery. It's anticipated that he will be out for a minimum of 2 weeks. As T. Morales and BAR are trying to recover lost time due to weather & Covid delays it's apparent that the new wave of COVID and it's variants continue to be an impact on our schedules.

**Attachments:**

**Submitted by:** Dennis J. Berger **Date:** 8/11/2021

**Response to Notification:**  
Acknowledged. Filed for records. Please provide date of return for analysis of potential schedule impact.

**Response by:** Jonathan Tran PE CCM **Date:** 8/12/2021



<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607

<b>NBC No.:</b>	025	<b>Description:</b>	T. Morales Employee COVID
<b>Specification:</b>			
<b>Drawing No.:</b>		<b>Detail Description:</b>	T. Morales Employee COVID 08/24/2021

**Notification is given of the following:**

<b>Testing and Inspections</b>	<b>Notifications and Requests</b>
<input type="checkbox"/> Concrete Placement Notice	<input type="checkbox"/> Notice of a conflict, error, or discrepancy in the Contract Documents
<input type="checkbox"/> Concrete Testing Request	<input checked="" type="checkbox"/> Notice of Delay or Disruption
<input type="checkbox"/> Soils Testing Request	<input checked="" type="checkbox"/> Notice of Unforeseen Site Condition
<input type="checkbox"/> Coatings Testing Request	<input type="checkbox"/> Notice of Utility Conflict
<input type="checkbox"/> Pipe Testing Request	<input type="checkbox"/> Notice of Hazardous Environmental Conditions
<input type="checkbox"/> Review of Sample or Mock-Up	<input type="checkbox"/> Notice of Surety Default or Liens / Claims Against Payment Bond
<input type="checkbox"/> Architectural Observation Request	<input type="checkbox"/> Notice of Insurance Change
<input type="checkbox"/> Structural Observation Request	<input checked="" type="checkbox"/> Notice of Change in Contractor Staff or Subcontract
<input type="checkbox"/> Mechanical Observation Request	<input checked="" type="checkbox"/> Notice of Work impacting Owner, Utilities or adjacent property
<input type="checkbox"/> Electrical Observation Request	<input type="checkbox"/> Notice of Indemnified Loss
<input type="checkbox"/> Plumbing Observation Request	<input checked="" type="checkbox"/> Notice of potential Change Request / Claim
<input type="checkbox"/> Substantial Completion Inspection	<input type="checkbox"/> Request for facility shutdown, connection or disruption of service
<input type="checkbox"/> Final Completion Inspection	<input type="checkbox"/> Request for a pre-submittal or pre-installation meeting
	<input type="checkbox"/> Request to Work Outside Regular Hours
	<input type="checkbox"/> Other (See Below)

Schedule for testing, observation, or inspection (date and time): \_\_\_\_\_

**Comments:**

On 08/24/2021 BAR was notified that T. Morales may have several other employees that have been in contact with someone that has COVID or that has contracted the virus. See attached email for documentation. At this time we do not believe that any of the employees have been in contact with anyone else other than T. Morales employees.

BAR Constructors is requesting a time extension due to the above referenced delays due to the pandemic.

**Attachments:**

**Submitted by:** Dennis J. Berger **Date:** 8/24/2021

**Response to Notification:**

**Response by:** **Date:**

<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607

## Dennis Berger

---

**From:** Tye Eldridge <tdeldridge@moralescompany.com>  
**Sent:** Tuesday, August 24, 2021 2:51 PM  
**To:** Trevor Wolfe; Kirk Brobst  
**Cc:** Dennis Berger  
**Subject:** RE: COVID Delays

Trevor,

We lost \_\_\_\_\_ to covid for 10 days, he is back to work now. He was working on the UV System.

Last Thursday we lost another employee named \_\_\_\_\_, he was out half a day Thursday and all day Friday. He was on the UV system. He is back to work now that he tested negative.

Yesterday we lost \_\_\_\_\_ to Covid testing for having fever, he got a doctors note telling him to not come back to work until Monday or if he gets a negative test. He is going to get tested this week. He is on the EB2 underslab.

I will have all of the doctors notes and documentation over to you as soon as my guys send it into me.

Thanks  
TDE

---

**From:** Trevor Wolfe <trevorw@barconstructors.com>  
**Sent:** Tuesday, August 24, 2021 1:23 PM  
**To:** Tye Eldridge <tdeldridge@moralescompany.com>; Kirk Brobst <kbrost@moralescompany.com>  
**Cc:** Dennis Berger <dennisb@barconstructors.com>  
**Subject:** COVID Delays

Tye/Kirk,

Please send us a letter of where your expected positive case was working, and the amount of days lost due to this. This would be the same of the employee that missed days to get tested. We need to get this in front of the CMs asap.

**Thanks,**

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**



<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

<b>NBC No.:</b>	<u>027</u>	<b>Description:</b>	<u>T. Morales Employee COVID</u>
<b>Specification:</b>	<u></u>		
<b>Drawing No.:</b>	<u></u>	<b>Detail Description:</b>	<u>T. Morales Employee COVID 08/27/2021</u>

**Notification is given of the following:**

<p><b>Testing and Inspections</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Concrete Placement Notice</li> <li><input type="checkbox"/> Concrete Testing Request</li> <li><input type="checkbox"/> Soils Testing Request</li> <li><input type="checkbox"/> Coatings Testing Request</li> <li><input type="checkbox"/> Pipe Testing Request</li> <li><input type="checkbox"/> Review of Sample or Mock-Up</li> <li><input type="checkbox"/> Architectural Observation Request</li> <li><input type="checkbox"/> Structural Observation Request</li> <li><input type="checkbox"/> Mechanical Observation Request</li> <li><input type="checkbox"/> Electrical Observation Request</li> <li><input type="checkbox"/> Plumbing Observation Request</li> <li><input type="checkbox"/> Substantial Completion Inspection</li> <li><input type="checkbox"/> Final Completion Inspection</li> </ul>	<p><b>Notifications and Requests</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Notice of a conflict, error, or discrepancy in the Contract Documents</li> <li><input checked="" type="checkbox"/> Notice of Delay or Disruption</li> <li><input checked="" type="checkbox"/> Notice of Unforeseen Site Condition</li> <li><input type="checkbox"/> Notice of Utility Conflict</li> <li><input type="checkbox"/> Notice of Hazardous Environmental Conditions</li> <li><input type="checkbox"/> Notice of Surety Default or Liens / Claims Against Payment Bond</li> <li><input type="checkbox"/> Notice of Insurance Change</li> <li><input checked="" type="checkbox"/> Notice of Change in Contractor Staff or Subcontract</li> <li><input checked="" type="checkbox"/> Notice of Work impacting Owner, Utilities or adjacent property</li> <li><input type="checkbox"/> Notice of Indemnified Loss</li> <li><input checked="" type="checkbox"/> Notice of potential Change Request / Claim</li> <li><input type="checkbox"/> Request for facility shutdown, connection or disruption of service</li> <li><input type="checkbox"/> Request for a pre-submittal or pre-installation meeting</li> <li><input type="checkbox"/> Request to Work Outside Regular Hours</li> <li><input type="checkbox"/> Other (See Below)</li> </ul>
---	---

Schedule for testing, observation, or inspection (date and time):

**Comments:**

On 08/27/2021 T. Morales had another employee that was sent home/doctor due to a high fever and possible COVID infection. See attached email for documentation. At this time, we do not believe that the employee was in contact with anyone else other than T. Morales employees. As of 8/30/2021 T. Morales is still waiting on results and the employee is in quarantine until results have been confirmed negative.

BAR Constructors is requesting a time extension due to the above referenced delays due to the pandemic.

**Attachments:**

**Submitted by:** Dennis J. Berger **Date:** 8/30/2021

**Response to Notification:**

<b>Project:</b> Central Wastewater Treatment Plant	<b>Project Number:</b>
<b>Owner:</b> City of Pflugerville	88
<b>Contractor:</b> BAR Constructors, Inc	279
<b>Engineer:</b> Freese and Nichols, Inc	PFL16607
<b>Response by:</b> _____	<b>Date:</b> _____

## Dennis Berger

---

**From:** Tye Eldridge <[tdeldridge@moralescompany.com](mailto:tdeldridge@moralescompany.com)>  
**Sent:** Monday, August 30, 2021 10:32 AM  
**To:** Dennis Berger; Trevor Wolfe  
**Cc:** Kirk Brobst  
**Subject:** RE: 362 - 08-27-21 - 201940 Pflugerville - TMC to BAR - COVID Delay

Dennis,

We are still waiting for his lab results to come back in.

Will keep you updated though.

Thanks  
TDE

---

**From:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Sent:** Monday, August 30, 2021 6:42 AM  
**To:** Tye Eldridge <[tdeldridge@moralescompany.com](mailto:tdeldridge@moralescompany.com)>; Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Cc:** Kirk Brobst <[kbrobst@moralescompany.com](mailto:kbrobst@moralescompany.com)>  
**Subject:** RE: 362 - 08-27-21 - 201940 Pflugerville - TMC to BAR - COVID Delay

Thank you for the update, did this employee end up testing positive?

**Thanks,**

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office

---

**From:** Tye Eldridge <[tdeldridge@moralescompany.com](mailto:tdeldridge@moralescompany.com)>  
**Sent:** Friday, August 27, 2021 8:44 AM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Kirk Brobst <[kbrobst@moralescompany.com](mailto:kbrobst@moralescompany.com)>  
**Subject:** 362 - 08-27-21 - 201940 Pflugerville - TMC to BAR - COVID Delay

Dennis,

We had another employee go home yesterday around lunchtime with a high fever.

He is going into the doctor today for a rapid test for COVID.

He was working on the EB2 Underslab.

Thanks  
TDE

Tye D. Eldridge

PO Box 859 – Mail  
601 S. Patterson Ave – Ship  
Florence, TX 76527  
254-970-7003 DIRECT  
254-793-4344 office  
254-793-3044 fax  
254-702-5019 cell  
TECL 17189

[tdeldridge@moralescompany.com](mailto:tdeldridge@moralescompany.com)



**SPECIALIZING IN THE WATER & WASTEWATER INDUSTRY**

Important/Confidential: This communication and any files or documents attached to it are intended only for the use of the person or entity to which it is addressed. This communication contains information that may be privileged, confidential and exempt from disclosure under applicable law. If you are not the intended recipient of this communication, you are hereby notified that the copying, distribution or other use of this communication is strictly prohibited. If you have received this communication by mistake, please notify the sender immediately by electronic mail and destroy all forms of this communication (electronic or paper). Thank you.



<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607

## Dennis Berger

---

**From:** Tye Eldridge <tdeldridge@moralescompany.com>  
**Sent:** Wednesday, September 1, 2021 10:59 AM  
**To:** Trevor Wolfe  
**Cc:** Dennis Berger; Kirk Brobst  
**Subject:** COVID Positive case TMC

Trevor,

Please see the attached positive COVID for one of TMC employees that was working on the UV system.

Thanks  
TDE

Sent from my iPhone

Begin forwarded message:

**From:** Kirk Brobst <kbrobst@moralescompany.com>  
**Date:** September 1, 2021 at 10:54:57 AM CDT  
**To:** Tye Eldridge <tdeldridge@moralescompany.com>  
**Subject:** IMG\_1519.jpeg

10:38

◀ Files

Back

Document F



## Final Results Report

<b>Patient Name:</b>		<b>Facility:</b>	Te
<b>Patient MRN:</b>	CUR144152717	<b>Requisition:</b>	45i
<b>Date of Birth:</b>		<b>Kit ID:</b>	78i
<b>Sex:</b>	male	<b>Collected:</b>	08,
<b>Address:</b>		<b>Received:</b>	08,
<b>Phone Number:</b>		<b>Released:</b>	09,
<b>Email:</b>		<b>Specimen Type:</b>	Alii
<b>Physician:</b>	Zalzala, Sajad (1639311509)	<b>Reviewed By:</b>	Kin

### Test



Sent from my iPhone

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

<b>NBC No.:</b>	<u>036</u>	<b>Description:</b>	<u>TMC UV Re-Wire</u>
<b>Specification:</b>	<u></u>		
<b>Drawing No.:</b>	<u></u>	<b>Detail Description:</b>	<u>TMC UV Re-Wire</u>

**Notification is given of the following:**

<p><b>Testing and Inspections</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Concrete Placement Notice</li> <li><input type="checkbox"/> Concrete Testing Request</li> <li><input type="checkbox"/> Soils Testing Request</li> <li><input type="checkbox"/> Coatings Testing Request</li> <li><input type="checkbox"/> Pipe Testing Request</li> <li><input type="checkbox"/> Review of Sample or Mock-Up</li> <li><input type="checkbox"/> Architectural Observation Request</li> <li><input type="checkbox"/> Structural Observation Request</li> <li><input type="checkbox"/> Mechanical Observation Request</li> <li><input type="checkbox"/> Electrical Observation Request</li> <li><input type="checkbox"/> Plumbing Observation Request</li> <li><input type="checkbox"/> Substantial Completion Inspection</li> <li><input type="checkbox"/> Final Completion Inspection</li> </ul>	<p><b>Notifications and Requests</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Notice of a conflict, error, or discrepancy in the Contract Documents</li> <li><input checked="" type="checkbox"/> Notice of Delay or Disruption</li> <li><input checked="" type="checkbox"/> Notice of Unforeseen Site Condition</li> <li><input type="checkbox"/> Notice of Utility Conflict</li> <li><input type="checkbox"/> Notice of Hazardous Environmental Conditions</li> <li><input type="checkbox"/> Notice of Surety Default or Liens / Claims Against Payment Bond</li> <li><input type="checkbox"/> Notice of Insurance Change</li> <li><input checked="" type="checkbox"/> Notice of Change in Contractor Staff or Subcontract</li> <li><input checked="" type="checkbox"/> Notice of Work impacting Owner, Utilities or adjacent property</li> <li><input type="checkbox"/> Notice of Indemnified Loss</li> <li><input checked="" type="checkbox"/> Notice of potential Change Request / Claim</li> <li><input type="checkbox"/> Request for facility shutdown, connection or disruption of service</li> <li><input type="checkbox"/> Request for a pre-submittal or pre-installation meeting</li> <li><input type="checkbox"/> Request to Work Outside Regular Hours</li> <li><input type="checkbox"/> Other (See Below)</li> </ul>
---	---

Schedule for testing, observation, or inspection (date and time):

**Comments:**

It was discovered on 09/17/2021 that TMC had wired Channel B of the UV system incorrectly. This was a direct reflection of NBC 025. TMC had to put another employee on the UV system to complete wiring which he was not as well versed as the employee who contracted COVID 19 (NBC 025). In doing so, this was wired incorrectly and cost TMC 2 days of re-wire. TMC had to pull employees off critical path activities to have this wired correctly while the UV Rep was onsite.

BAR will be submitting a cost proposal of 2 days due to this delay.

**Attachments:**

**Submitted by:** Dennis J. Berger **Date:** 09/21/2021

<b>Project:</b> Central Wastewater Treatment Plant	<b>Project Number:</b>
<b>Owner:</b> City of Pflugerville	88
<b>Contractor:</b> BAR Constructors, Inc	279
<b>Engineer:</b> Freese and Nichols, Inc	PFL16607
<b>Response to Notification:</b>	
<b>Response by:</b> _____	<b>Date:</b> _____

<b>Project:</b> <u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b> _____
<b>Owner:</b> <u>City of Pflugerville</u>	<u>88</u>
<b>Contractor:</b> <u>BAR Constructors, Inc</u>	<u>279</u>
<b>Engineer:</b> <u>Freese and Nichols, Inc</u>	<u>PFL16607</u>
<b>Change Proposal No.:</b> <u>CP0045</u> <b>Description:</b> <u>Oncor Startup Delay at EB1</u>	
<b>Specification:</b> <u>N/A</u>	
<b>Drawing No.:</b> <u>N/A</u> <b>Detail Description:</b> <u>N/A</u>	
<b>Reference Document:</b>	
<input type="checkbox"/> Request for a Change Proposal No.: _____ <input type="checkbox"/> Request for Information No.: _____ <input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input type="checkbox"/> Field Order No.: _____	
<b>Contractor proposes the following modifications to the Contract Documents:</b>	
The addition of time to the contract for delays in Oncor Power.	
<b>Purpose of Change Proposal:</b>	
Oncor power was delayed for reasons outside of contractor control.	
<b>Attachments:</b>	
CP Request letter and Time Impact Analysis.	
<b>Requested Action:</b>	
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes	
<b>Basis of Compensation:</b>	
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01 <input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01	
<b>Required Documentation:</b>	
<input type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change <input checked="" type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times	
<b>Total Change Proposal Amount:</b> <u>\$0</u>	<b>Adjustment in Contract Times (days):</b> <u>30</u>

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 9/24/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/24/2021



September 24, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP045 – ONCOR Startup Delay

Dear Mr. Gaughan,

Please find the attached NBCs submitted due to Covid-19. BAR Constructors, Inc. requests an ADD to the contract amount of TBD as Covid-19 is an ongoing problem with BAR and its vendors and subs. BAR Constructors, Inc. requests a time extension of 30 calendar days. Below is the time impact analysis showing the start of the NBC and the amount of days it took to resolve the delay.

Notification By Contractor resulting in the TIA:

- NBC 20: BAR was directed to push commissioning and startup of the Filters, Aerator, UV, EB3, HVAC due to miscommunication between the City and Oncor. This pushed startup of the Filters back 30 days from the prior date that was scheduled. Filters startup began week of 8/30/2021.

Attachments:

Time Impact Analysis (TIA) Narrative and Schedules

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc.

## PCWWTP TIA

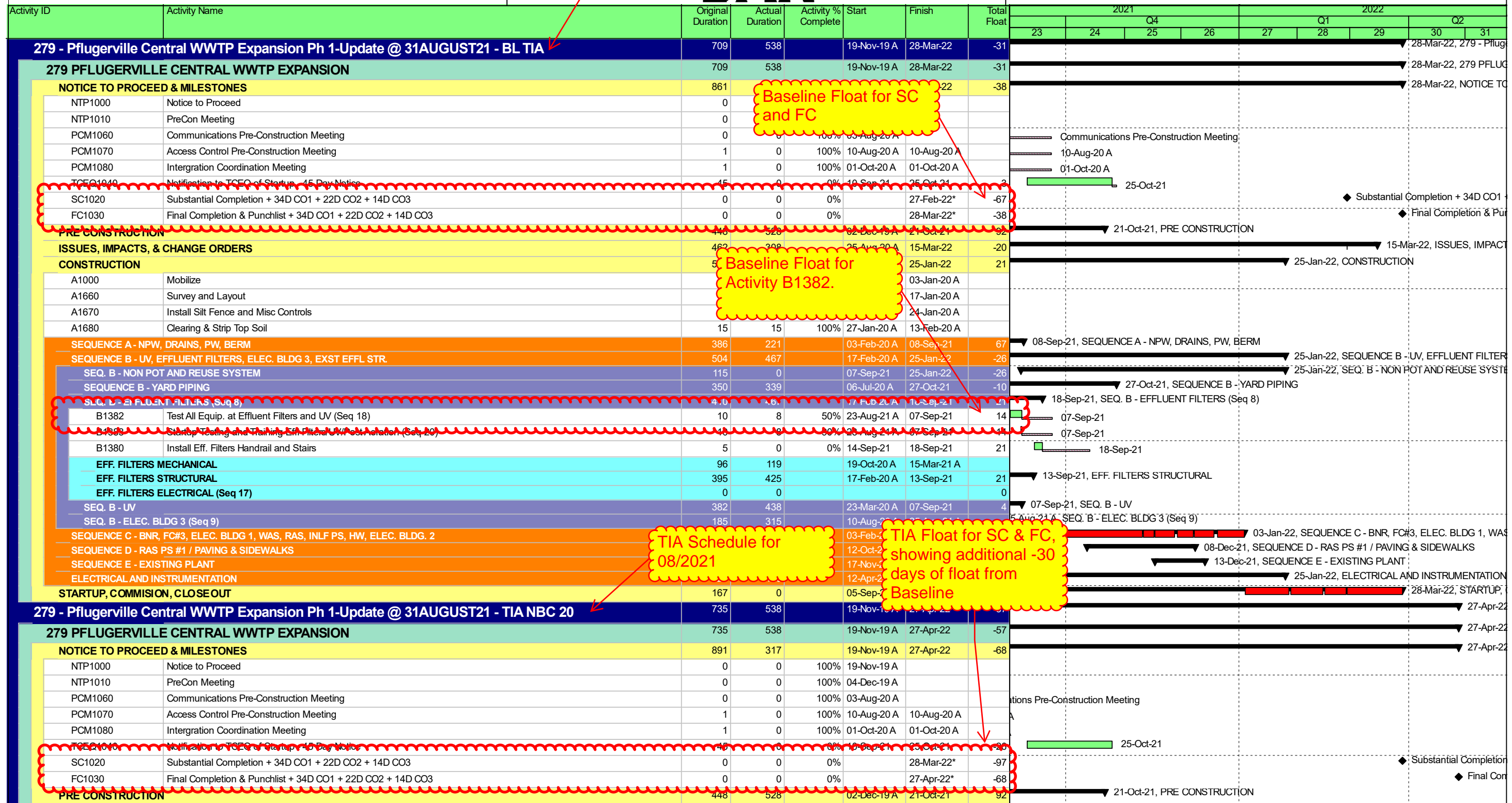
### Time Impact Analysis of ONCOR C&SU Delays/NBC

- **Explanation of TIA**
  - In regard to the activities below, the start dates did not change. We added a Lag to each of the schedule items which simulates the delay to the successor and that will impact the float.
  
- **Summary of NBC's used for the TIA**
  - NBC 20
  
- **TIA – NBC 20 Effluent Filter & UV Commissioning & Startup ONCOR Delay**
  - Activity B1382 - The following NBC was a direct impact to the schedule that resulted in delays to startup of the Filter, Aerator, UV, EB3, HVAC and misc equipment for Phase 1.
    - NBC 20 – ONCOR Scheduling Delays
      - Email from ONCOR on 7/09/2021; ONCOR stated that the ESI number has yet to be requested by the owner (City of Pflugerville) so that meter could be set and allow EATON to begin on the C&SU of their equipment inside of EB3.
      - On 08/18/2021 ONCOR set the meter
        - HVAC, Electrical Equipment, Filters, Aerator, & UV could not be tested or scheduled until BAR had the meter set.
      - As of 07/26/2021 C&SU meeting was held equipment vendors were scheduled for 8/16/2021 and had to be pushed to 08/30/2021 due to the delay in ONCOR setting the meter.
      - This is a total of 52 days of delay from 07/09/2021
  - Activity B1382 – CPM Schedule Evaluation of the impact to the project.
    - Added 52 days to successor B2000 to show impact of associated NBC
    - Baseline activity B1382 showed 14 days of float with impact currently shows -30 days of float
  - Activity B1382 Total Impact
    - BAR is requesting 30 days be added to the contract

**TIA – NBC – 20 Effluent Filter & UV Commissioning  
and Starup ONCOR Delay**



Baseline Schedule for 08/2021



Baseline Float for SC and FC

Baseline Float for Activity B1382.

TIA Schedule for 08/2021

TIA Float for SC & FC, showing additional -30 days of float from Baseline



Activity ID	Activity Name	Original Duration	Actual Duration	Activity % Complete	Start	Finish	Total Float	2021				2022						
								Q4				Q1			Q2			
								23	24	25	26	27	28	29	30	31		
<b>ISSUES, IMPACTS, &amp; CHANGE ORDERS</b>								487	308		25-Aug-20 A	13-Apr-22	-45					
CHANGE ORDER - 001								388	308		25-Aug-20 A	13-Dec-21	7	13-Dec-21, CHANGE ORDER - 001				
CHANGE ORDER - 002								123	155		01-Mar-21 A	11-Sep-21	-37	11-Sep-21, CHANGE ORDER - 002				
CHANGE ORDER - 003																		
CHANGE ORDER - 004														13-Apr-22, CHANGE ORDER - 004				
WEATHER IMPACTS														27-Feb-22, WEATHER IMPACTS				
<b>CONSTRUCTION</b>														25-Jan-22, CONSTRUCTION				
A1000	Mobilize	30	22	100%	05-Dec-19 A	03-Jan-20 A												
A1660	Survey and Layout	10	10	100%	06-Jan-20 A	17-Jan-20 A												
A1670	Install Silt Fence and Misc Controls	5	3	100%	20-Jan-20 A	24-Jan-20 A												
A1680	Clearing & Strip Top Soil	15	15	100%	27-Jan-20 A	13-Feb-20 A												
SEQUENCE A - NPW, DRAINS, PW, BERM								386	221		03-Feb-20 A	08-Sep-21	43	08-Sep-21, SEQUENCE A - NPW, DRAINS, PW, BERM				
SEQUENCE B - UV, EFFLUENT FILTERS, ELEC. BLDG 3, EXST EFFL STR.								504	467		17-Feb-20 A	25-Jan-22	-50	25-Jan-22, SEQUENCE B - UV, EFFLUENT FILTERS, ELEC. BLDG 3, EXST EFFL STR.				
SEQ. B - NON POT AND REUSE SYSTEM								95	0		30-Sep-21	25-Jan-22	-50	25-Jan-22, SEQ. B - NON POT AND REUSE SYSTEM				
SEQUENCE B - YARD PIPING								350	339		06-Jul-20 A	27-Oct-21	-34	27-Oct-21, SEQUENCE B - YARD PIPING				
EFF. FILTERS MECHANICAL								96	119		19-Oct-20 A	15-Mar-21 A						
EFF. FILTERS STRUCTURAL								395	425		17-Feb-20 A	13-Sep-21	-3	13-Sep-21, EFF. FILTERS STRUCTURAL				
EFF. FILTERS ELECTRICAL (Seq 17)								0	0				0					
SEQ. B - UV								382	438		23-Mar-20 A	07-Sep-21	-19	07-Sep-21, SEQ. B - UV				
SEQ. B - ELEC. BLDG 3 (Seq 9)								185	315		10-Aug-20 A	25-Aug-21 A		25-Aug-21 A, SEQ. B - ELEC. BLDG 3 (Seq 9)				
SEQUENCE C - BNR, FC#3, ELEC. BLDG 1, WAS, RAS, INLF PS, HW, ELEC. BLDG. 2								454	479		03-Feb-20 A	03-Jan-22	-32	03-Jan-22, SEQUENCE C - BNR, FC#3, ELEC. BLDG 1, WAS, RAS, INLF PS, HW, ELEC. BLDG. 2				
SEQUENCE D - RAS PS #1 / PAVING & SIDEWALKS								48	0		12-Oct-21	08-Dec-21	-13	08-Dec-21, SEQUENCE D - RAS PS #1 / PAVING & SIDEWALKS				
SEQUENCE E - EXISTING PLANT								21	0		17-Nov-21	13-Dec-21	-17	13-Dec-21, SEQUENCE E - EXISTING PLANT				
ELECTRICAL AND INSTRUMENTATION								421	420		12-Apr-20 A	25-Jan-22	21	25-Jan-22, ELECTRICAL AND INSTRUMENTATION				
<b>STARTUP, COMMISSION, CLOSE OUT</b>								193	0		05-Sep-21	27-Apr-22	-57	27-Apr-22, STARTUP, COMMISSION, CLOSE OUT				

TIA Float for activity B1382, showing -30 days of float

B1382 Test All Equip. at Effluent Filters and UV (Seq 18)  
 B1383 Startup Testing and Training Effl Filters/UV/Post Aeration (Seq 20)  
 B1380 Install Eff. Filters Handrail and Stairs

- Remaining Level of Effort
- Critical Remaining Work
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- WBS Summary Pr...
- WBS Summary Activity
- Summary
- Float Bar
- WBS Summary Activity
- Milestone



<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607

<b>NBC No.:</b>	020	<b>Description:</b>	Effluent Filter & UV Startup & Commissioning ONCOR Delay
<b>Specification:</b>	_____		
<b>Drawing No.:</b>	_____	<b>Detail Description:</b>	Effluent Filter & UV Startup & Commissioning ONCOR Delay

**Notification is given of the following:**

<b>Testing and Inspections</b>	<b>Notifications and Requests</b>
<input type="checkbox"/> Concrete Placement Notice	<input type="checkbox"/> Notice of a conflict, error, or discrepancy in the Contract Documents
<input type="checkbox"/> Concrete Testing Request	<input checked="" type="checkbox"/> Notice of Delay or Disruption
<input type="checkbox"/> Soils Testing Request	<input type="checkbox"/> Notice of Unforeseen Site Condition
<input type="checkbox"/> Coatings Testing Request	<input type="checkbox"/> Notice of Utility Conflict
<input type="checkbox"/> Pipe Testing Request	<input type="checkbox"/> Notice of Hazardous Environmental Conditions
<input type="checkbox"/> Review of Sample or Mock-Up	<input type="checkbox"/> Notice of Surety Default or Liens / Claims Against Payment Bond
<input type="checkbox"/> Architectural Observation Request	<input type="checkbox"/> Notice of Insurance Change
<input type="checkbox"/> Structural Observation Request	<input type="checkbox"/> Notice of Change in Contractor Staff or Subcontract
<input type="checkbox"/> Mechanical Observation Request	<input checked="" type="checkbox"/> Notice of Work impacting Owner, Utilities or adjacent property
<input type="checkbox"/> Electrical Observation Request	<input type="checkbox"/> Notice of Indemnified Loss
<input type="checkbox"/> Plumbing Observation Request	<input checked="" type="checkbox"/> Notice of potential Change Request / Claim
<input type="checkbox"/> Substantial Completion Inspection	<input type="checkbox"/> Request for facility shutdown, connection or disruption of service
<input type="checkbox"/> Final Completion Inspection	<input type="checkbox"/> Request for a pre-submittal or pre-installation meeting
	<input type="checkbox"/> Request to Work Outside Regular Hours
	<input type="checkbox"/> Other (See Below)

Schedule for testing, observation, or inspection (date and time): \_\_\_\_\_

**Comments:** \_\_\_\_\_

<b>Project:</b>	Central Wastewater Treatment Plant	<b>Project Number:</b>	
<b>Owner:</b>	City of Pflugerville		88
<b>Contractor:</b>	BAR Constructors, Inc		279
<b>Engineer:</b>	Freese and Nichols, Inc		PFL16607

BAR has been directed to reschedule all C&SU for the week of 08/09/2021 and the week of 08/16/2021, which included the following subcontractors and vendors:

- Bell Air – HVAC
- Aeration Industries – Aerator/blower
- Alfa Laval – Effluent Filters
- Eaton – EB3 Electrical Equipment
- T. Morales – Electrical Contractor
- CPUSA – Instrumentation Contractor
- Alterman – HMI Contractor
- BAR Constructors – General Contractor

We are working with the subcontractors and vendors to get everyone rescheduled. Alfa Laval has a minimum 2 week time frame before they can be back on site, Bell Air is about a week out and we continue to work on rescheduling the remaining personnel.

As of 8/13/2021, EB3 at still does not have power and we are unsure as to when the power request will be sent to ONCOR for scheduling.

A time impact and cost analysis is in the process of being generated to see the overall effects due to the results of having to reschedule the multiple subcontractors and vendors.

The following have submitted to BAR rescheduling fees:

- Bell Air (Addison) - \$2,500.00

As we receive rescheduling fees we will make sure that the Construction Management Team is notified.

**Attachments:**

**Email Correspondence**

**Submitted by:** Dennis J. Berger **Date:** 8/13/2021

**Response to Notification:**

**Response by:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## Dennis Berger

---

**From:** Dennis Berger  
**Sent:** Thursday, August 12, 2021 3:48 PM  
**To:** 'Jonathan Tran'; Trevor Wolfe; Matt Gaughan; charles cameron; Ron Mick  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

10-4, we're on it. Once we have all of the rescheduled dates I'll send out the C&SU schedule.

Thanks,

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office

---

**From:** Jonathan Tran <jtran@teconsultingllc.com>  
**Sent:** Thursday, August 12, 2021 3:22 PM  
**To:** Dennis Berger <dennisb@barconstructors.com>; Trevor Wolfe <trevorw@barconstructors.com>; Matt Gaughan <matt.gaughan@plussixengineering.com>; charles cameron <charles.cameron@caledoniacm.com>; Ron Mick <ron.mick@plussixengineering.com>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Dennis,

Please reschedule since we do not have power. Thanks,

**Jonathan Tran, PE, CCM**  
Construction Manager  
(972)415-7320  
[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)



412 Snead Dr.  
Wylie, TX 75098  
[www.teconsultingllc.com](http://www.teconsultingllc.com)  
NCTRCA MBE No. PMMB94038N1119  
NCTRCA SBE No. PMSB58186N0221  
TX HUB No. 1463771835500

---

**From:** [Dennis Berger](#)  
**Sent:** Thursday, August 12, 2021 1:10 PM  
**To:** [Trevor Wolfe](#); [Matt Gaughan](#); [Jonathan Tran](#); [charles cameron](#); [Ron Mick](#)  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

We need to let Alfa Laval know what to do by the end of today, please advise.

Thanks,

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office

---

**From:** Dennis Berger  
**Sent:** Thursday, August 12, 2021 12:56 PM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; 'Matt Gaughan' <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>; charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>; 'Ron Mick' <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>  
**Subject:** FW: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

See below...

Thanks,

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office

---

**From:** Bradley Marshall <[BradleyM@pflugervilletx.gov](mailto:BradleyM@pflugervilletx.gov)>  
**Sent:** Thursday, August 12, 2021 12:56 PM  
**To:** Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>; Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Here is the Transaction Id = 212230088935905.

Thanks

Brad Marshall, MEng  
Construction Manager  
Engineering  
City of Pflugerville  
Direct: 512-990-6333  
[www.PflugervilleTX.gov](http://www.PflugervilleTX.gov)

---

**From:** Hilliard, Steve [<mailto:Steven.Hilliard@oncor.com>]  
**Sent:** Thursday, August 12, 2021 12:48 PM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>; Bradley Marshall <[BradleyM@pflugervilletx.gov](mailto:BradleyM@pflugervilletx.gov)>

**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>

**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

**[EXTERNAL]**

The city inspection is showing up but nothing from the retail provider for the meter set.

**Steve Hilliard**

Designer Sr.

**Oncor | PMDS**

3620 Franklin Ave

Waco, TX 76710

Cell Phone 469-667-9174

Office Phone 254-750-5230

[steven.hilliard@oncor.com](mailto:steven.hilliard@oncor.com)

Supervisor: Glenn Fabian 254-744-0513 [Glenn.Fabian@oncor.com](mailto:Glenn.Fabian@oncor.com)

---

**From:** Trevor Wolfe [mailto:[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)]

**Sent:** Thursday, August 12, 2021 10:36 AM

**To:** Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>; Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>

**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>

**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Morning,

Any change?

Thanks,

**Trevor Wolfe**

Construction Project Engineer

**BAR Constructors Inc.**

**214-869-4403**

---

**From:** Hilliard, Steve [mailto:[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)]

**Sent:** Wednesday, August 11, 2021 6:47 AM

**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>

**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>

**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Still not seeing the order in our system this morning.

**Steve Hilliard**

Designer Sr.

**Oncor | PMDS**

3620 Franklin Ave

Waco, TX 76710

Cell Phone 469-667-9174

Office Phone 254-750-5230

[steven.hilliard@oncor.com](mailto:steven.hilliard@oncor.com)

Supervisor: Glenn Fabian 254-744-0513 [Glenn.Fabian@oncor.com](mailto:Glenn.Fabian@oncor.com)

---

**From:** Trevor Wolfe [mailto:[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)]  
**Sent:** Wednesday, August 11, 2021 5:21 AM  
**To:** Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Good Morning Steve,

Any update on this?

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Trevor Wolfe  
**Sent:** Tuesday, August 10, 2021 7:03 AM  
**To:** 'Jobe, Steve' <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Morning Steve,

Any change from yesterday?

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Jobe, Steve [mailto:[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)]  
**Sent:** Monday, August 9, 2021 2:50 PM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Just checked still not showing up

Steve J

---

**From:** Jobe, Steve  
**Sent:** Monday, August 9, 2021 8:15 AM  
**To:** 'Trevor Wolfe' <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242



There are two items outstanding.

The electrical inspection can take up to 24 hours for it to pass through. But that times starts once the city reports it so I'm not sure when or if they have put it in yet, there is no way for me to know that.

You would have to follow up with them.

The other item is the actual meter set. The city has to request service through their energy provider, I have seen it take a few days and sometimes weeks depending on the agreements they have with their provider before the actual request is made in our system.

Has the City let you know that they have done this step? We also can't tell in our system till it shows up in our system on the ESI

---

**From:** Trevor Wolfe [<mailto:trevorw@barconstructors.com>]

**Sent:** Monday, August 9, 2021 7:46 AM

**To:** Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>

**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>

**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Steve,

Could it take this long for the system to update and see a request from the city of Pflugerville?

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Jobe, Steve [<mailto:Steven.Job2@oncor.com>]

**Sent:** Monday, August 9, 2021 7:39 AM

**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>

**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>

**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

No change from Friday

---

**From:** Trevor Wolfe [<mailto:trevorw@barconstructors.com>]

**Sent:** Monday, August 9, 2021 7:33 AM

**To:** Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>

**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>

**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Steve,

Any update this morning?

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Jobe, Steve [mailto:[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)]  
**Sent:** Friday, August 6, 2021 3:59 PM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Not showing up yet I'll check again Monday morning

---

**From:** Jobe, Steve  
**Sent:** Friday, August 6, 2021 10:07 AM  
**To:** 'Trevor Wolfe' <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Just checked it it's not showing up yet I will check throughout the day. The meter install request is not there either you might make sure the city has put in the request for service on this ESI.

---

**From:** Trevor Wolfe [<mailto:trevorw@barconstructors.com>]  
**Sent:** Friday, August 6, 2021 9:58 AM  
**To:** Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** FW: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

Steve/Steve,

See below. Please be on the lookout for this.

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Ron Mick [mailto:[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)]  
**Sent:** Friday, August 6, 2021 9:31 AM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>; charles cameron <[charles.cameron@caledoniadm.com](mailto:charles.cameron@caledoniadm.com)>; Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

The City electrical inspector was just on site and has approved the installation at EB1. He will need to get the web system updated and said he would do that 'right away'. TMC was there during his inspection and let him know they are ready for power right away.

Ron Mick, P.E.

Senior Project Manager  
Plus Six Engineering, LLC  
512-632-5837

---

**From:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Sent:** Friday, July 30, 2021 1:05 PM  
**To:** charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>; Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>; Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Subject:** FW: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

CMs,

See below.

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

---

**From:** Jobe, Steve [<mailto:Steven.Job2@oncor.com>]  
**Sent:** Friday, July 30, 2021 12:15 PM  
**To:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement ESI 0003538242

I just check another item that needs to be addressed the ESI doesn't not show it has passed the city inspection yet. That will need to be in place before they can set the meter also.

---

**From:** Jobe, Steve  
**Sent:** Thursday, July 29, 2021 3:55 PM  
**To:** 'Trevor Wolfe' <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Hilliard, Steven ([Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)) <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>  
**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement

Trevor, I just check the ESI for EB3 it is not show a request for the meter set that needs to be in place to try and make your timing plan.

The ESI for EB3 is 0003538242 please check with the city

Steve Jobe  
Oncor Electric Delivery  
Design Coordinator-Waco Office  
[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)  
254-715-8074

---

**From:** Trevor Wolfe [<mailto:trevorw@barconstructors.com>]

**Sent:** Wednesday, July 28, 2021 1:52 PM

**To:** Jobe, Steve <[Steven.Job2@oncor.com](mailto:Steven.Job2@oncor.com)>; Hilliard, Steve <[Steven.Hilliard@oncor.com](mailto:Steven.Hilliard@oncor.com)>

**Cc:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>

**Subject:** RE: Pflugerville CWWTP Oncor EB2 Easement

Steve/Steve,

Any update?

Thanks,

**Trevor Wolfe**  
**Construction Project Engineer**  
**BAR Constructors Inc.**  
**214-869-4403**

## Dennis Berger

---

**From:** Ron Mick <ron.mick@plussixengineering.com>  
**Sent:** Wednesday, August 11, 2021 4:30 PM  
**To:** Dennis Berger; Jonathan Tran; Matt Gaughan; charles cameron  
**Cc:** Trevor Wolfe  
**Subject:** RE: Bell Air C&SU Rescheduling

Powe update from Brad at 3:45 pm today.

**I got Oncor straight. It sounds like it got lost in shuffle on their end. Let me see where we are on our side.**

Ron Mick, P.E.  
Senior Project Manager  
Plus Six Engineering, LLC  
512-632-5837

---

**From:** Dennis Berger <dennisb@barconstructors.com>  
**Sent:** Wednesday, August 11, 2021 4:26 PM  
**To:** Jonathan Tran <jtran@teconsultingllc.com>; Matt Gaughan <matt.gaughan@plussixengineering.com>; Ron Mick <ron.mick@plussixengineering.com>; charles cameron <charles.cameron@caledoniacm.com>  
**Cc:** Trevor Wolfe <trevorw@barconstructors.com>  
**Subject:** RE: Bell Air C&SU Rescheduling

Updated response from EATON,

*Tye,  
I have heard from the all of plants now, and they confirm the 40°C or 104°F is the highest acceptable temperature to run Eaton's the gear without the possibility of being denied warranty claims. This is what the codes require and what has been tested.*

**Thanks,**

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office

---

**From:** Dennis Berger  
**Sent:** Wednesday, August 11, 2021 3:11 PM  
**To:** 'Jonathan Tran' <jtran@teconsultingllc.com>; 'Matt Gaughan' <matt.gaughan@plussixengineering.com>; 'Ron Mick' <ron.mick@plussixengineering.com>; 'charles cameron' <charles.cameron@caledoniacm.com>  
**Cc:** Trevor Wolfe <trevorw@barconstructors.com>  
**Subject:** RE: Bell Air C&SU Rescheduling

CM's,

See below response from EATON regarding running their equipment without the HVAC system running, please advise.

*Tye,  
Here is the information from our Drive plant –  
If running above the ambient temp of 40°C the drive will overheat and fault out. Also running the VFD close to ambient reduces the life of the VFD, and could void warranty if damage occurs due to running at or above ambient. So, in short, if history shows repeated faults and shut downs, and then eventually failure due to overheating then warranty would be denied.*

*I think this would be true for all of the product lines. I know there could be tripping issues if gear is run above 40°C.*

**Thanks,**

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office

---

**From:** Dennis Berger  
**Sent:** Tuesday, August 10, 2021 7:50 AM  
**To:** 'Jonathan Tran' <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>; Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>; charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>  
**Cc:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Subject:** RE: Bell Air C&SU Rescheduling

10-4, I'll get back with you. We'll reschedule both EI2 (UV Gates) and Bell Air

**Thanks,**

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office

---

**From:** Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>  
**Sent:** Tuesday, August 10, 2021 7:44 AM  
**To:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>; charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>  
**Cc:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Subject:** RE: Bell Air C&SU Rescheduling

Dennis,

Please reschedule the HVAC for next week. We have inform City of pushing HVAC. It should not be an issue to run gear which is needed to be checked out to energize A/C. Please just have TMC verify if any of the equipment warranties will be affected besides the gear so we don't void warranties. TEC will cover the rescheduling fee if needed for this work.

Let me know if you have any questions. Thanks,

Jonathan

Sent from [Mail](#) for Windows 10

---

**From:** [Dennis Berger](#)  
**Sent:** Tuesday, August 10, 2021 7:13 AM  
**To:** [Matt Gaughan](#); [Jonathan Tran](#); [Ron Mick](#); [charles cameron](#)  
**Cc:** [Trevor Wolfe](#)  
**Subject:** RE: Bell Air C&SU Rescheduling

I talked with TMC about this and they don't see a problem with running their gear without the AC, their main concern would be if we were to run the VFD's. Of course if we were running all the gear 24hrs a day this may be a concern but for startup purposes they don't see an issue.

If we were able to get Addison rescheduled for next week along with everything else, I think we'd be okay.

**Thanks,**

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office

---

**From:** Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>  
**Sent:** Tuesday, August 10, 2021 6:15 AM  
**To:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>; Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>; Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>; charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>  
**Cc:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Subject:** Re: Bell Air C&SU Rescheduling

What does this do to schedule fir other items?

Get [Outlook for iOS](#)

---

**From:** Dennis Berger <[dennisb@barconstructors.com](mailto:dennisb@barconstructors.com)>  
**Sent:** Tuesday, August 10, 2021 6:01:19 AM  
**To:** Jonathan Tran <[jtran@teconsultingllc.com](mailto:jtran@teconsultingllc.com)>; Matt Gaughan <[matt.gaughan@plussixengineering.com](mailto:matt.gaughan@plussixengineering.com)>; Ron Mick <[ron.mick@plussixengineering.com](mailto:ron.mick@plussixengineering.com)>; charles cameron <[charles.cameron@caledoniacm.com](mailto:charles.cameron@caledoniacm.com)>  
**Cc:** Trevor Wolfe <[trevorw@barconstructors.com](mailto:trevorw@barconstructors.com)>  
**Subject:** Bell Air C&SU Rescheduling

Good morning CM's,

I spoke with Bell Air yesterday evening about the possibility of rescheduling his tech for later in the week or next week. As of right now they will not be available later this week but it's a possibility next week, they're looking at the schedule today to see what they can do. Addison requires a 48hr notice of cancellation otherwise we're responsible for a \$2500.00 rescheduling fee (all associated fees will be passed along to the owner). Bell Air and Addison were planning on being in Pflugerville tonight so they would have a full day of C&SU and training tomorrow, I'd like to give them some sort of direction first thing morning. We'll reach out to ONCOR to see if they have received anything but from what I've heard is that the City's Electrical Inspector may not have sent the notice in until yesterday...

**Thanks,**

**Dennis J. Berger**  
**BAR Constructors, Inc.**  
214.869.0454 - Mobile  
972.227.3287 - Office



<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>
<b>Change Proposal No.:</b> <u>CP0046</u> <b>Description:</b> <u>Bypass Pumping to support TCEQ Action Plan</u>			
<b>Specification:</b> <u>N/A</u>			
<b>Drawing No.:</b> <u>N/A</u> <b>Detail Description:</b> <u>N/A</u>			
<b>Reference Document:</b>			
<input type="checkbox"/> Request for a Change Proposal No.: _____ <input type="checkbox"/> Request for Information No.: _____ <input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input type="checkbox"/> Field Order No.: _____			
<b>Contractor proposes the following modifications to the Contract Documents:</b>			
Provide temporary rental pumping units to transfer raw sewage from exiting CWWTP Headworks to new BNR Basin.			
<b>Purpose of Change Proposal:</b>			
This pumping will allow the CWWTP to provide additional treatment capacity before full plant substantial completion.			
<b>Attachments:</b>			
CP Request letter.			
<b>Requested Action:</b>			
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes			
<b>Basis of Compensation:</b>			
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01 <input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01			
<b>Required Documentation:</b>			
<input checked="" type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change <input type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times			
<b>Total Change Proposal Amount:</b> <u>\$62,026.99</u> <b>Adjustment in Contract Times (days):</b> <u>0</u>			

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 9/24/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued   
  Change Order No.: 005 Issued  
 Contract Amendment No.: \_\_\_\_\_ Issued   
  Work Change Directive No.: \_\_\_\_\_ Issued  
 Change Proposal Not Accepted   
  Additional information required. See comments.   
  Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/24/2021



September 23, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP046 Bypass Pumping for TCEQ Action Plan r1

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the temporary bypass pumping for TCEQ Action Plan. BAR Constructors, Inc. requests an ADD to the contract amount of \$62,026.99 and a time extension of ~~2 calendar~~ days. Below are those inclusions and exclusions associated with this work.

0

Inclusions:

- As stated in the provided quotes.
- All “Assumptions” as stated in provided quotes.
- 24hrs of pumping at 2 times the quoted rate
  - See notes at bottom of quote
- Quote is based upon 3 months; if rental goes beyond 3 months a new CP will be provided with an updated quote.
- ~~2 day Extension – BAR will have the pumps, hoses, and CP installed/dismantled by BPR. There will be ongoing maintenance on the bypass system over the 3 month period with BAR employees, setting pumps, fueling, maintenance, etc.~~

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc



											\$ -
											\$ -
											\$ -
											\$ -
<b>Total Subcontractor</b>											<b>\$ 40,484.00</b>

	Labor				Subcontractor	Material		Equipment		Total
Totals	\$ -				\$ 40,484.00	\$ -		\$ 15,561.60		\$ 56,045.60
Insurance (1.8%)										\$ 1,008.82
Overhead and Profit (5% for subs)										\$ 2,024.20
Overhead and Profit (15% Self Performed Work)										\$ 2,334.24
Subtotal										\$ 61,412.86
Bond @ 1%										\$ 614.13
<b>Total</b>										<b>\$ 62,026.99</b>



8434 McHard Rd, Pearland TX 77581  
 bprentals.com (409) 938-8841

Date 9/21/2021  
 Quotation # 0  
 Prepared by MP

# Quotation

**Prepared For (Bill To):**

Company: Bar Constructors  
 Contact: Mike Huddleston  
 Phone: 214.878.7554  
 Email: mikeh@barconstructors.com

**Ship To:**

Existing HW to Splitter Box  
 15500 Sun Light Near Way  
 Pflugerville, TX 78660

*We are pleased to offer the following quotation. BPR values your business and we're committed to supplying our customers with the best products and services. We appreciate the opportunity to earn your business.*

Qty	Description	Per Unit Rental Rates			Monthly Total
		Day	Week	Month	
2	4" Automatic Prime Trash Pump, Diesel Driven 6" suction and discharge QD fittings	138	414	1,242	2,484
4	6" x 20' HD suction hose	26	78	235	940
2	6" x 10' HD suction hose	22	65	195	390
2	6" QD 45-degree bend	7	22	65	130
4	6" QD 90-degree bend	7	22	65	260
6	6" x 50' HD discharge hose	28	85	255	1,530
2	20' road crossing 6" QD fittings	42	125	375	750

- Rates quoted are for standard shift (8hrs/day running. Overtime rates will be charged at 1.5 times the standard rate for 8-16 hrs/day and 2 times for 24hr/day.)
- Terms are Net 30, unless indicated otherwise
- Quotation is valid for 30 days
- Quotation does not include any applicable state, local or federal taxes

Extended Total	\$ 6,484.00
Delivery	\$ 195.00
Pickup	\$ 195.00

Special Instructions:

No special instructions

**THANK YOU!**



8434 McHard Rd, Pearland TX 77581  
 bprrentals.com (409) 938-8841

Date 9/21/2021  
 Quotation # R092121  
 Prepared by BR

# Quotation

**Prepared For (Bill To):**

Company: Bar Constructors  
 Contact: Mike Huddleston  
 Phone: 214.878.7554  
 Email: mikeh@barconstructors.com

**Ship To:**

Existing HW - mob/de-mob  
 15500 Sun Light Near Way  
 Pflugerville, TX 78660

*This Service Quotation is based on known and anticipated details of the work to be performed. It is possible for unexpected factors to cause deviation from our estimations. If additional parts or labor are required you will be contacted prior to our proceeding with the additional work.*

Qty	Part #	Description	Per Unit	Extended Total
4		laborer 1/ hr - mobilization	\$ 85.00	\$ 340.00
4		laborer 2/ hr -	\$ 85.00	\$ 340.00
3		laboer 1/ hr - de-mobilization	\$ 85.00	\$ 255.00
3		laborer 2/ hr -	\$ 85.00	\$ 255.00
				<b>Extended Total</b>
				<b>\$ 1,190.00</b>

*BPR values your business and we're committed to supplying our customers with the best products and services. We appreciate the opportunity to earn your business.*

- Shipping is ppd/add, unless indicated otherwise
- Terms are Net 30, unless indicated otherwise
- Quotation is valid for 30 days
- Quotation does not include any applicable state, local or federal taxes

Special Instructions:  
 No special instructions

**THANK YOU!**

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

<b>Change Proposal No.:</b>	<u>CP0047</u>	<b>Description:</b>	<u>Bypass Pumping of SH 130 Interceptor Flow</u>
<b>Specification:</b>	<u>N/A</u>		
<b>Drawing No.:</b>	<u>N/A</u>	<b>Detail Description:</b>	<u>N/A</u>

**Reference Document:**

Request for a Change Proposal No.: \_\_\_\_\_
  Request for Information No.: \_\_\_\_\_  
 Shop Drawing Deviation Request No.: \_\_\_\_\_
  Field Order No.: \_\_\_\_\_

**Contractor proposes the following modifications to the Contract Documents:**  
 Provide temporary rental pumping units to transfer raw sewage to the existing plant headworks if necessary.

**Purpose of Change Proposal:**  
 This pumping will allow the acceptance of possible received flows from the SH 130 interceptor to allow upstream projects to proceed without delay.

**Attachments:**  
 CP Request letter.

**Requested Action:**

Issue a Field Order
  Issue a Work Change Directive or Change Order for the described changes

**Basis of Compensation:**

Unit Prices
  Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01  
 Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01

**Required Documentation:**

Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change  
 Schedule attached to show impacts and justification for requested change in Contract Times

<b>Total Change Proposal Amount:</b> <u>\$66,116.61</u>	<b>Adjustment in Contract Times (days):</b> <u>0</u>
---	--



<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 9/24/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued   
  Change Order No.: 005 Issued  
 Contract Amendment No.: \_\_\_\_\_ Issued   
  Work Change Directive No.: \_\_\_\_\_ Issued  
 Change Proposal Not Accepted   
  Additional information required. See comments.   
  Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/24/2021



September 23, 2021

Mr. Matt Gaughan  
Plus Six Engineering  
15500 Sun Light Near Way B  
Pflugerville, TX 78660

Re: City of Pflugerville, Texas  
Central WWTP Expansion Phase I Improvements  
Project No. PFL16607  
CP047 Bypass Pumping for SH 130 Flows

Dear Mr. Gaughan,

Please find the attached pricing and quotations for the temporary bypass pumping for TCEQ Action Plan. BAR Constructors, Inc. requests an ADD to the contract amount of \$66,116.61 and a time extension of ~~2 calendar~~ days. Below are those inclusions and exclusions associated with this work.

0

Inclusions:

- As stated in the provided quotes.
- All “Assumptions” as stated in provided quotes.
- 8hrs/day of pumping
  - See notes at bottom of quote if more than 8hrs/day will be required
- Quote is based upon 3 months; if rental goes beyond 3 months a new CP will be provided with an updated quote.

Exclusions:

- Any exclusions stated in the attached quotation(s).
- Anything not explicitly stated as an inclusion.

Sincerely,

Dennis J. Berger  
Project Manager  
BAR Constructors, Inc







8434 McHard Rd, Pearland TX 77581  
 bprentals.com (409) 938-8841

Date 9/21/2021  
 Quotation # 0  
 Prepared by MP

# Quotation

**Prepared For (Bill To):**

Company: Bar Constructors  
 Contact: Mike Huddleston  
 Phone: 214.878.7554  
 Email: mikeh@barconstructors.com

**Ship To:**

New HW to MH 15  
 15500 Sun Light Near Way  
 Pflugerville, TX 78660

*We are pleased to offer the following quotation. BPR values your business and we're committed to supplying our customers with the best products and services. We appreciate the opportunity to earn your business.*

Qty	Description	Per Unit Rental Rates			Monthly Total
		Day	Week	Month	
2	6" Hydraulic Power Unit - primary	237	712	2,135	4,270
2	6" Hydraulic Submersible Pump End - primary	88	263	790	1,580
	8" MQD discharge fitting				
1	6" Hydraulic Power Unit - standby	192	575	1,725	1,725
1	6" Hydraulic Submersible Pump End - standby	77	230	690	690
	8" MQD discharge fitting				
1	Auto start/stop floats	10	30	90	90
3	1" x 50' hydraulic hose set (set of 2)	47	141	423	1,269
3	8" check valve	17	52	155	465
1	8" manifold	19	58	175	175
24	8" x 20' QD discharge pipe	18	54	162	3,888
6	8" x 20' HD suction hose	47	142	425	2,550
6	8" x 10' HD suction hose	31	92	275	1,650
2	8" steel flange 90-degree bend	9	28	83	166
5	8" QD 90-degree bend	9	28	83	415

- Rates quoted are for standard shift (8hrs/day running. Overtime rates will be charged at 1.5 times the standard rate for 8-16 hrs/day and 2 times for 24hr/day.)
- Terms are Net 30, unless indicated otherwise
- Quotation is valid for 30 days
- Quotation does not include any applicable state, local or federal taxes

Extended Total	\$ 18,933.00
Delivery	\$ 350.00
Pickup	\$ 350.00

Special Instructions:

No special instructions

**THANK YOU!**



8434 McHard Rd, Pearland TX 77581  
 bprrentals.com (409) 938-8841

Date 9/21/2021  
 Quotation # R092121  
 Prepared by BR

# Quotation

**Prepared For (Bill To):**

Company: Bar Constructors  
 Contact: Mike Huddleston  
 Phone: 214.878.7554  
 Email: mikeh@barconstructors.com

**Ship To:**

New HW - mob/de-mob  
 15500 Sun Light Near Way  
 Pflugerville, TX 78660

*This Service Quotation is based on known and anticipated details of the work to be performed. It is possible for unexpected factors to cause deviation from our estimations. If additional parts or labor are required you will be contacted prior to our proceeding with the additional work.*

Qty	Part #	Description	Per Unit	Extended Total
5		laborer 1/ hr - mobilization	\$ 85.00	\$ 425.00
5		laborer 2/ hr -	\$ 85.00	\$ 425.00
5		laborer 3/ hr -	\$ 85.00	\$ 425.00
1		Extended reach forklift	\$ 750.00	\$ 750.00
4		laborer 1/ hr - demobilization	\$ 85.00	\$ 340.00
4		laborer 2/ hr -	\$ 85.00	\$ 340.00
4		laborer 3/ hr -	\$ 85.00	\$ 340.00
1		Extended reach forklift	\$ 750.00	\$ 750.00
				<b>Extended Total</b>
				<b>\$ 3,795.00</b>

*BPR values your business and we're committed to supplying our customers with the best products and services. We appreciate the opportunity to earn your business.*

- Shipping is ppd/add, unless indicated otherwise
- Terms are Net 30, unless indicated otherwise
- Quotation is valid for 30 days
- Quotation does not include any applicable state, local or federal taxes

Special Instructions:  
 No special instructions

**THANK YOU!**

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

<b>Change Proposal No.:</b>	<u>CP0049</u>	<b>Description:</b>	<u>Oncor Allowance Credit</u>
<b>Specification:</b>	<u>N/A</u>		
<b>Drawing No.:</b>	<u>N/A</u>	<b>Detail Description:</b>	<u>N/A</u>

**Reference Document:**

Request for a Change Proposal No.: \_\_\_\_\_
  Request for Information No.: \_\_\_\_\_  
 Shop Drawing Deviation Request No.: \_\_\_\_\_
  Field Order No.: \_\_\_\_\_

**Contractor proposes the following modifications to the Contract Documents:**  
 Provide a cost credit to the contract for unused amount of Pay Item D-09 – Power Utility Serv Oncor.

**Purpose of Change Proposal:**  
 This change re-allocates project funding from this allowance item to the general project budget as a credit change order item.

**Attachments:**

**Requested Action:**

Issue a Field Order
  Issue a Work Change Directive or Change Order for the described changes

**Basis of Compensation:**

Unit Prices
  Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01  
 Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01

**Required Documentation:**

Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change  
 Schedule attached to show impacts and justification for requested change in Contract Times

<b>Total Change Proposal Amount:</b>	<u>\$150,000</u>	<b>Adjustment in Contract Times (days):</b>	<u>0</u>
--------------------------------------	------------------	---	----------

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

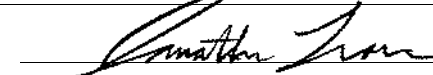
**Certified by:** Dennis Berger **Date:** 9/24/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/24/2021



<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	<u>88</u>
<b>Owner:</b>	<u>City of Pflugerville</u>		
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>
<b>Change Proposal No.:</b>	<u>CP0050</u>	<b>Description:</b>	<u>Unused Drilled Pier extra depth Credit</u>
<b>Specification:</b>	<u>N/A</u>		
<b>Drawing No.:</b>	<u>N/A</u>	<b>Detail Description:</b>	<u>N/A</u>
<b>Reference Document:</b>			
<input type="checkbox"/> Request for a Change Proposal No.: _____ <input type="checkbox"/> Request for Information No.: _____			
<input type="checkbox"/> Shop Drawing Deviation Request No.: _____ <input type="checkbox"/> Field Order No.: _____			
<b>Contractor proposes the following modifications to the Contract Documents:</b>			
Provide a cost credit to the contract for unused amount of Pay Item F-04 – Additional Depth Drilled Pier.			
<b>Purpose of Change Proposal:</b>			
This change re-allocates project funding from this Extra Work item to the general project budget as a credit change order item. This item will not be needed as all drilled piers for the project are complete.			
<b>Attachments:</b>			
<b>Requested Action:</b>			
<input type="checkbox"/> Issue a Field Order <input checked="" type="checkbox"/> Issue a Work Change Directive or Change Order for the described changes			
<b>Basis of Compensation:</b>			
<input type="checkbox"/> Unit Prices <input checked="" type="checkbox"/> Lump Sum calculated using Cost of Work provisions in General Conditions Paragraph 13.01			
<input type="checkbox"/> Time and Materials using Cost of Work provisions in General Conditions Paragraph 13.01			
<b>Required Documentation:</b>			
<input type="checkbox"/> Detailed cost breakdown attached showing labor, materials, equipment, and all other costs for this change			
<input type="checkbox"/> Schedule attached to show impacts and justification for requested change in Contract Times			
<b>Total Change Proposal Amount:</b>		<u>\$11,600</u>	<b>Adjustment in Contract Times (days):</b> <u>0</u>

<b>Project:</b>	<u>Central Wastewater Treatment Plant</u>	<b>Project Number:</b>	
<b>Owner:</b>	<u>City of Pflugerville</u>		<u>88</u>
<b>Contractor:</b>	<u>BAR Constructors, Inc</u>		<u>279</u>
<b>Engineer:</b>	<u>Freese and Nichols, Inc</u>		<u>PFL16607</u>

*The compensation offered for this Change Proposal is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. Requested changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

**Certified by:** Dennis Berger **Date:** 9/24/2021

**Action:**

- Field Order No.: \_\_\_\_\_ Issued     Change Order No.: 005 Issued
- Contract Amendment No.: \_\_\_\_\_ Issued     Work Change Directive No.: \_\_\_\_\_ Issued
- Change Proposal Not Accepted     Additional information required. See comments.     Cancelled

**Comments:**

Approved

**Response by:**  **Date:** 9/24/2021