



City of Flint

Department of Purchases & Supplies

Sheldon A. Neeley

TO: All Proposers
FROM: Jennifer Ryan
Deputy Finance Director
DATE: **July 16, 2021**
SUBJECT: **Addendum #04** – Bid# 22000048 – WPC Third Avenue Pumping Station
Improvements

This addendum has been issued because of the following:

1. **Questions and Answers**
2. **Bidding Documents Update**

All other bidding terms, requirements, and conditions continue as indicated in the remaining original bid documents.

The Deputy Finance Director, Jennifer Ryan, is an officer for the City of Flint with respect to this RFP.

In the submission of their proposal, Proposer must acknowledge receipt of this addendum. Proposer shall acknowledge this addendum by signing and returning one copy of this notice with their submission.

Company Name: _____

Address: _____


City / State / Zip: _____

Telephone: _____ Fax: _____ Email: _____

Print Name: _____ Title: _____

Signature: _____ Date: _____

Thank you,



Jennifer Ryan
Deputy Finance Director

Section 00 9113 Addendum No. 04

WPC Third Avenue Pumping Station Improvements
City of Flint, 1101 South Saginaw Street, Flint, Michigan 48502

To all prospective bidders and others concerned, YOU ARE HEREBY ADVISED THAT the Contract Documents for the above referenced Project are revised in the following particulars:

- | <u>Item</u> | <u>Question/Answer</u> |
|-------------|--|
| 1 | <p>Q: How much leakage can we expect to have from the existing valves GV-8/9/10/11 isolating the wet well from the pumps?</p> <p>A: The owner reports that leakage will be “minimal.”</p> |
| 2 | <p>Q: The Room Finish Schedule on A-001 only lists the lower level elevation 685.33 of the pump station receiving a new epoxy floor coating, with the walls and ceilings to remain existing/unfinished – Are we to assume no uplift work is to take place on the main or intermediate floor of the pump station?</p> <p>A: Room Finish Schedule shown on Sheet A-001 to be updated as follows:</p> <p>Intermediate Level (Elevation 697.00) – Floor to be EPOXY; Walls and Ceiling to be PAINTED; Handrail to be PAINTED.</p> <p>Lower Level (Elevation 685.33) – Floor to be EPOXY; Walls and Ceiling to be PAINTED.</p> |
| 3 | <p>Q: There is a note on Drawing A-101 that states lower floors to receive floor coating, which is in conflict with the Finishing Schedule on A-001. Please clarify which is correct.</p> <p>A: Refer to Question/Answer 2 above.</p> |
| 4 | <p>Q: There is a note on Drawing A-101 that instructs us to paint new and existing pipe at all areas below the first floor. Confirm this is for all pipe in the pump station regardless of if we are modifying it as part of this contract.</p> <p>A: Confirmed. New and existing piping, pumps, and valves are to be painted below the first floor.</p> |
| 5 | <p>Q: Confirm if the dry pits below elevation 685.33 are to receive epoxy floor coatings.</p> <p>A: No, dry pits below elevation 685.33 are not to receive any coating.</p> |
| 6 | <p>Q: Confirm that the Contractor will be responsible for draining all residual water from both the 72” and 50” at both the 3rd Avenue site and the WPC facility (WPCF), and these can be drained back to the wet well or influent box at the respective facility.</p> <p>A: A portion of the water in the force mains and process piping can be drained back to the Influent Structure (at WPCF) or Wet Well (Third Avenue Pumping Station) in coordination with WPCF staff. Water remaining in the force mains and piping will be the complete responsibility of Contractor to dewater, as necessary, to perform the specified work.</p> |

7 **Q:** During the Prebid Meeting it was stated the previous applicable line stop experience would be required for award, but no minimum thresholds were communicated. If there are any minimum requirements for past performance of completing line stops can they be communicated?

A: See Addendum No. 3.

8 **Q:** What is the project duration? There is a conflict in the documents. The Proposal Form Section 00 4243 called for 420 and 480 days. The Agreement Form Section 00 5200 listed the project duration as 335 days for substantial completion and 365 for final completion. Please clarify.

A: See Addendum No. 3.

9 **Q:** Please confirm that an exclusive site office is required for the Owner/ Engineer for this project.

A: Contractor can provide either an exclusive site office or shared space, provided the equipment specified in Section 01 5000 is available for Engineer/Owner use.

10 **Q:** Is there any progress Photo requirement? If so, please provide more details about the resolution, number of the photos, etc.

A: See Section 01 3300, Article 1.18.

11 **Q:** Is the Builder Risk required for this project?

A: See Section 00 7300 of the Contract Documents for insurance requirements.

12 **Q:** Is there any hazardous material in our working are? If so, please provide the environmental report.

A: Contractor to assume all paint is lead-based paint and shall proceed with the specified work accordingly.

13 **Q:** Is there any chance to extend the bid due date. The due date for a couple bids related to the City of Flint are due within an hour.

A: The bid opening date and time will remain as specified (July 22, 2021 at 2:00 PM).

14 **Q:** What is the feed size to the new P-3 motor?

A: The pump motor cable is supplied with the motor. The conduit has been sized to accommodate the cable size.

15 **Q:** What are the area Hazard Classifications for the various construction areas?

A: The only Class 1, Division 1, Hazardous Area that includes electrical work is the area where the new level sensor/switch is being installed, including the associated conduit and wire/cable, at the Third Avenue Pumping Station.

16 **Q:** What conduit types do we need to run in the various construction areas?

A: Conduit shall be Aluminum at the Third Avenue Pumping Station and PVC Coated Aluminum in the Class 1, Division 1 Hazardous Area.

Q: Is a substitution for the dry pit submersible pump allowed?

17

A: No.

Q: In Specification Section 33 3400, Part 2, Subsection 2.03, the design pressure for PCCP pipe systems is called out to be 175 psi. Is it the intention that the adapters and pipe at the WPCF Valve Vault (both the 72" and 50") be designed for this pressure?

18

A: Refer to Section 40 0513, Process Piping for pressure ratings on the proposed piping at both the WPCF and Third Avenue Pumping Station. Pressures for proposed valves are specified in Section 40 0552, Process Valves and Actuators (see Addendum No. 3 for modifications to Section 40 0552).

Q: What will be the available bolt pattern required on the Knife Gate Valves to match the new piping?

19

A: Contractor to coordinate bolt pattern between new Knife Gate Valves and new piping; see Section 40 0513 and Section 40 0552.

Q: Who should we contact about PCCP pipe, transitions, and closure pieces?

20

A: Thompson Pipe Group – Phone: 972-262-3600.

Q: In Section 43 2515-1.10 Spare Parts, please provide clarification on which spare parts are required by the City of Flint. Manufacturers may include or exclude similar component items in effort to be price competitive to competition and price conscious to the customer.

21

A: See Addendum No. 3.

Q: In Section 40 0552-3.06 Valve Schedule, please confirm the following.

1. Tag DVG (DVG_01, DVG_02, DVG_03) – what does DVG stand for?

A: DVG should read DGV and stands for Double Disc Gate Valve.

2. Tag KVG 5 – Is this a Knife Gate Valve? The type is listed as KG which is not in the valve schedule and assumed to be what is shown as KN.

A: See Addendum No. 3.

3. Tag GV -7 – Is this a Gave valve per tag ID or a MSGV per type?

22

A: See Addendum No. 3.

4. Tag KGV 15 – Is this type a RSGV as shown on schedule or knife gate as listed in project description? Please also confirm correct tag identification for Knife Gate (KGV, KG or KVG).

A: See Addendum No. 3.

5. Tag KGV 16 – Is this type a SCV as shown on schedule or knife gate as listed in project description? Please also confirm correct tag identification for Knife Gate (KGV, KG or KVG).

A: See Addendum No. 3.

<u>Section</u>	<u>Description</u>
40 0552	In Section 40 0552, Process Valves and Actuators, under the column labeled "Remarks" in the Valve Schedule, add the following for KGV 5 (60" Knife Gate): "Bi-Directional Seats"
40 0552	In Section 40 0552, Process Valves and Actuators, the tag "DVG" shall be revised to "DGV" and the following shall be added to the Valve Schedule Legend: "DGV Double Disc Gate Valve"

<u>Sheet</u>	<u>Description</u>
C-101	Sheet C-101 shall be deleted in its entirety and replaced with Sheet C-101 accompanying this Addendum.
C-102	The following is to be added to the end of Note 1 in the lower right hand corner of Sheet C-102: "VAULT LOCATION MAY NEED TO SHIFT DEPENDING ON FINDINGS. CONTRACTOR TO SUBMIT VAULT LOCATION LAYOUT BASED ON FINDINGS OF EXPLORATORY EXCAVATION FOR REVIEW AND APPROVAL."
C-103	Sheet C-103 shall be deleted in its entirety and replaced with Sheet C-103 accompanying this Addendum.
C-108	For the WPCF LINE STOP DETAIL shown in the lower right hand corner of Sheet C-108, the callout for the concrete to be placed around the saddle shall be revised to read as follows: "CONCRETE TO BE PLACED AROUND SADDLE AT A MINIMUM OF 2'-0" GREATER THAN SADDLE AND PIPE DIMENSION ON ALL SIDES; REINFORCING TO BE DESIGNED BY CONTRACTOR" The following general Note shall be added to Sheet SD-102:
SD-102	"3. CONTRACTOR SHALL TAKE NECESSARY PROVISIONS TO CONTROL GROUND WATER DURING FLOOR REMOVAL AND EXCAVATION UNTIL NEW CONCRETE HAS BEEN INSTALLED AND CURED IN THE TRENCH."
S-111	The following general Notes shall be added to Sheet S-111: 1. CONTRACTOR SHALL UTILIZE A TEMPORARY EARTH RETENTION SYSTEM, AS NECESSARY, DURING EXCAVATION AND CONSTRUCTION OF THE PROPOSED VALVE VAULT. CONTRACTOR SHALL SUBMIT A PLAN AND SUFFICIENT DETAIL FOR THE EARTH RETENTION SYSTEM FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION OF THE PROPOSED VALVE VAULT. 2. CONTRACTOR SHALL PROVIDE FOR DEWATERING, AS NECESSARY, DURING EXCAVATION AND CONSTRUCTION OF THE PROPOSED VALVE VAULT. CONTRACTOR SHALL SUBMIT A PLAN AND SUFFICIENT DETAIL FOR THE DEWATERING SYSTEM FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION OF THE PROPOSED VALVE VAULT.

The following general Notes shall be added to Sheet DD-101:

- DD-101
4. CONTRACTOR TO PREPARE AND SUBMIT A SEQUENCE FOR EQUIPMENT REMOVAL WORK FOR REVIEW AND APPROVAL.
 5. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING CONCRETE PIPE SUPPORTS AS NEEDED TO ACCOMMODATE CONTRACTOR'S MEANS AND METHODS.

DD-301

In Section 2 on Sheet DD-301, a callout shall be added pointing to the area of the pump shaft at Lower Level-1 (Elevation 697.00) and shall read as follows:

"FURNISH AND INSTALL NEW 1-12" GALV STEEL GRATING; FIELD MEASURE AND CUT GRATING TO FIT."

D-101

On Sheet D-101, delete the following callout in its entirety for Pumps #1 and #2, as well as Pumps #3 and #4:

"EXISTING AIR RELIEF VALVE"

D-101

On Sheet D-101, add the following callout out north of the proposed 36"Ø-30"Ø REDUCING FLANGE along the proposed 30"Ø SPP SAN piping:

"NEW 2-INCH AIR RELIEF VALVE"

ED-101

On Sheet ED-101, the following shall be added to the callout at P-3:

"... TO BE REMOVED (NOTE-13); MOTOR TO BE SALVAGED (SEE DD-301)"

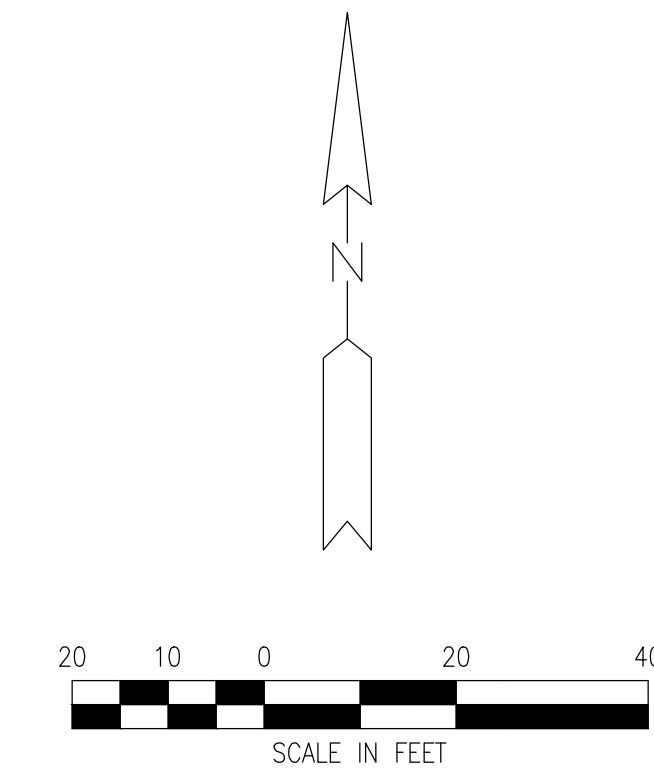
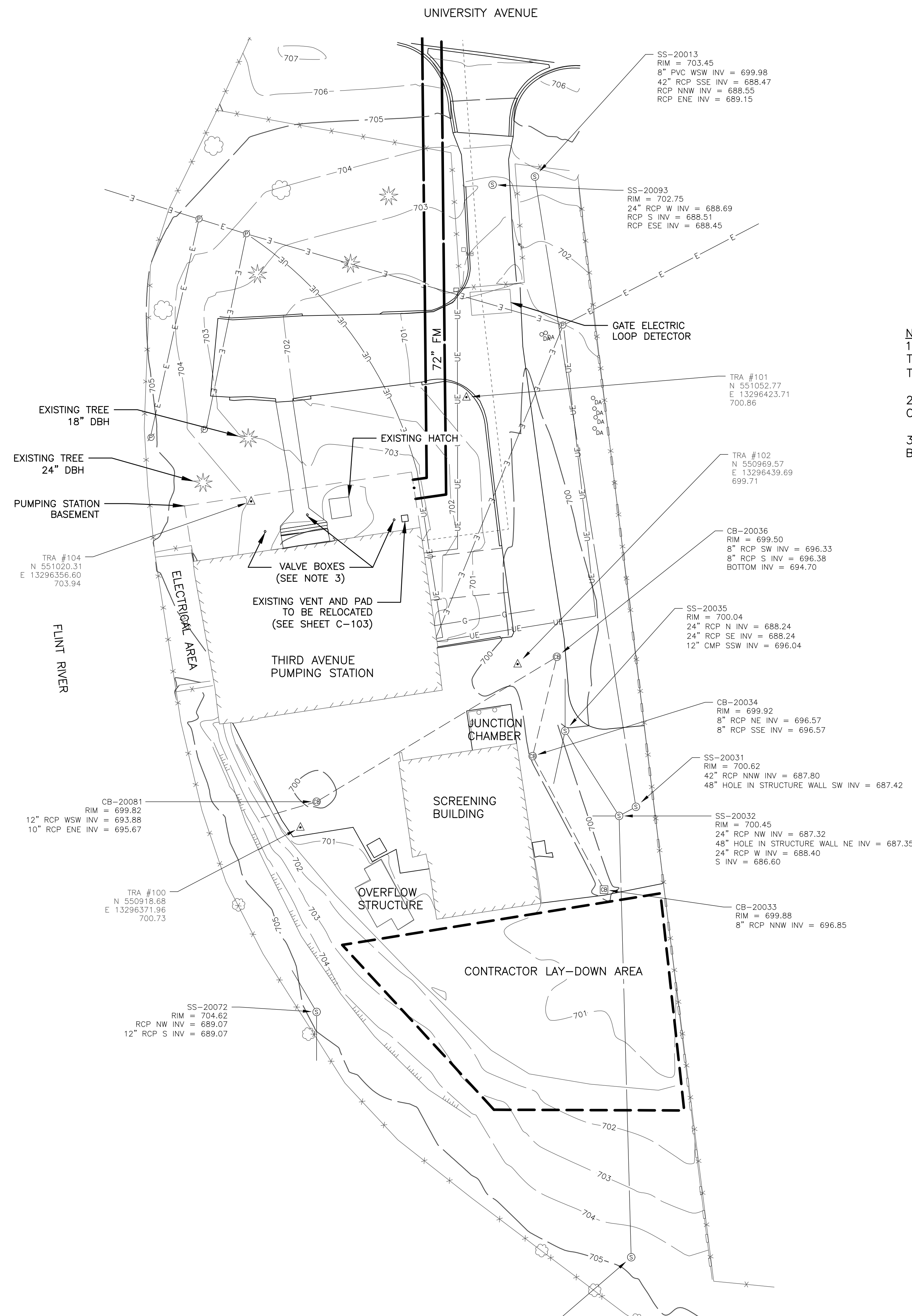
On Sheet ED-101, the following Demolition Note shall be added:

ED-101

"14. CONTRACTOR TO PROVIDE CRIBBING AS NECESSARY TO TRANSPORT THE SALVAGE MOTOR (FROM P-3) TO OWNER AT WPCF; CONTRACTOR TO OFFLOAD AND STORE MOTOR IN DESIGNATED LOCATION."

This Addendum is hereby incorporated into the original Contract Documents for the bidding referred to above and is considered as binding as though originally appearing therein. RECEIPT OF THIS ADDENDUM MUST BE NOTED in the place provided on the Proposal page 00 4243-1 dated **July 16, 2021**.

PROJECT MANAGER: TERRY L. HARRISON, PE
 CA:\PW\WORK\WADE-TRIM\DAVIDEK\110473\CSP_PLOTS_C-101_THIRD_AVE_EXISTING_SITE.DWG - LAYOUT1 - PLOTTED 7/16/2021 11:23 AM BY DAVIDEK_TYLER



- NOTES:**
- CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATIONS IN THE VICINITY OF THE PROPOSED LINE STOP TO LOCATE AND RECORD THE LOCATIONS, DIMENSIONS, TYPES, AND ELEVATIONS OF THE 72" FORCE MAIN.
 - THE CONTRACTOR WILL PRESERVE THE OWNER'S ACCESS TO ALL SITES FOR OPERATION AND MAINTENANCE AT ALL TIMES.
 - THERE ARE THREE EXISTING VALVE BOXES LABELED "WATER"; THESE VALVE BOXES ARE NOT IN USE AND MAY BE REMOVED IF NEEDED.

REV#	DATE	DESCRIPTION	TSD BY
1	7/16/21	ADDENDUM 1	



WADE TRIM

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 www.wadetrtrim.com

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 HUBBELL, ROTH & CLARK, INC.
 CONSULTING ENGINEERS SINCE 1915

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 P.O. BOX 824
 48306 - 0824

PHONE: (248) 624-2300
 FAX (248) 624-6312
 FAX (248) 624-2322
 WEB SITE: http://www.hrceng.com

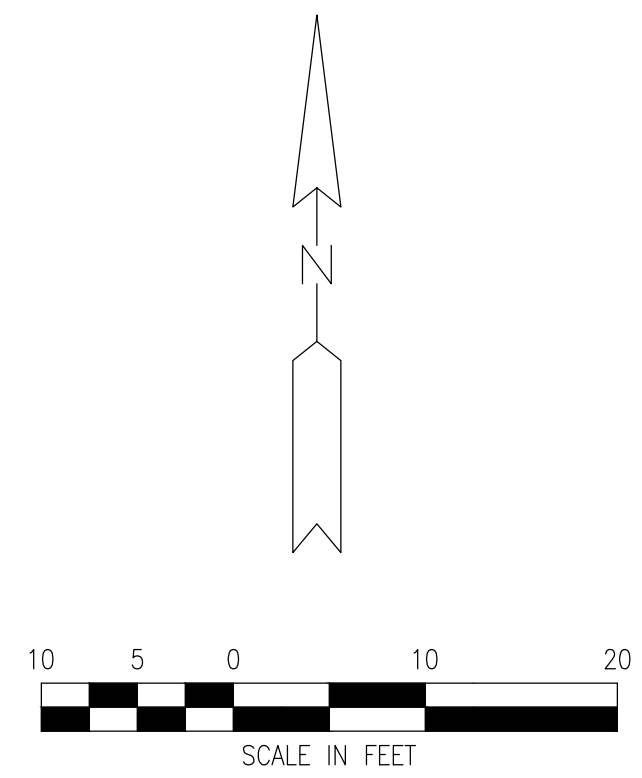
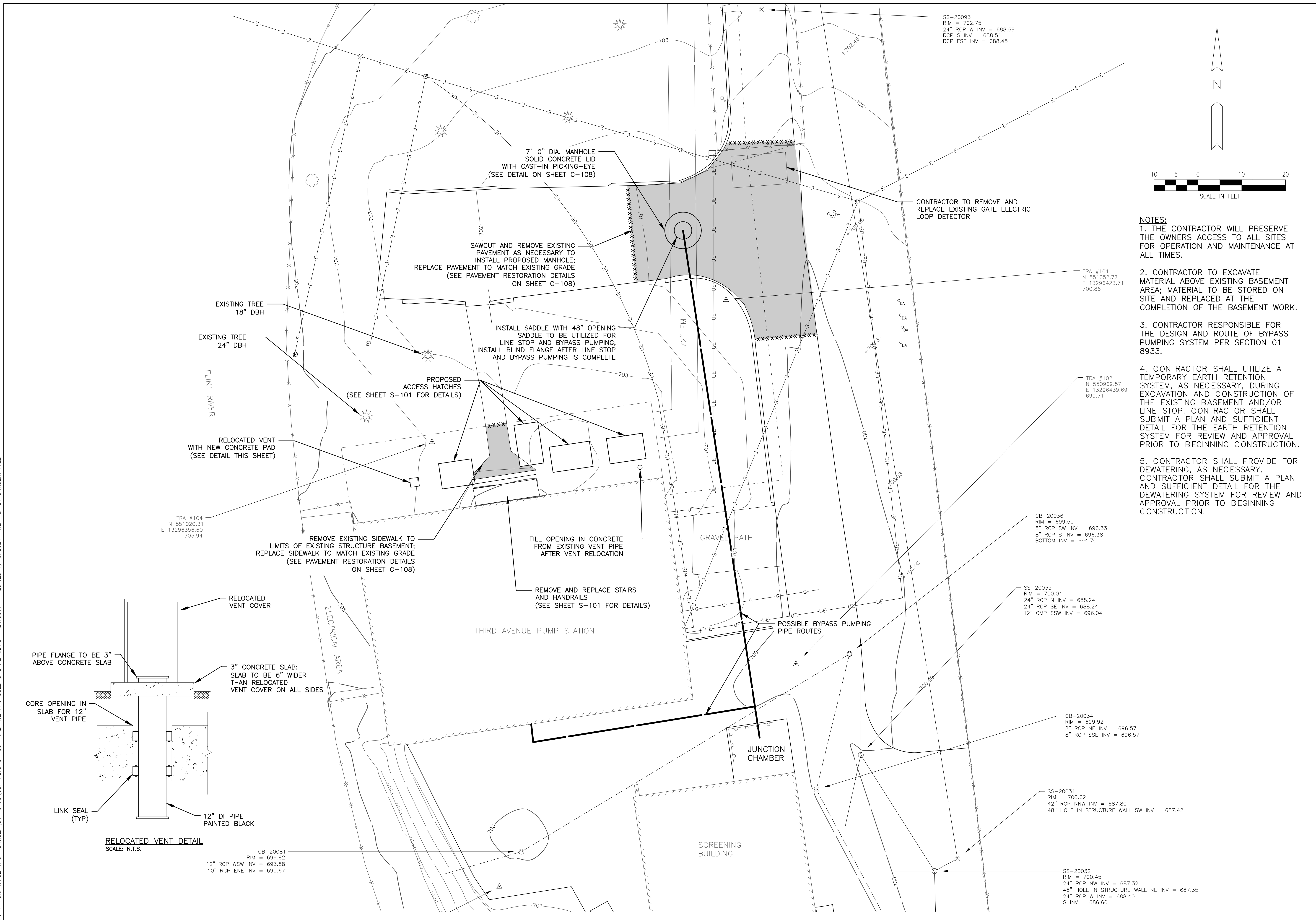
CITY OF FLINT
WPCF THIRD AVENUE PUMPING STATION IMPROVEMENTS
 SRF # 5709-01
 THIRD AVE EXISTING SITE PLAN
 WPCF THIRD AVE PUMPING STATION IMPROVEMENTS

ISSUED FOR:	DATE:	BY:
50% SET	4/23/21	JJA
90% SET	5/14/21	JJA
100% SET	5/28/21	JJA
IFB	6/22/21	JJA

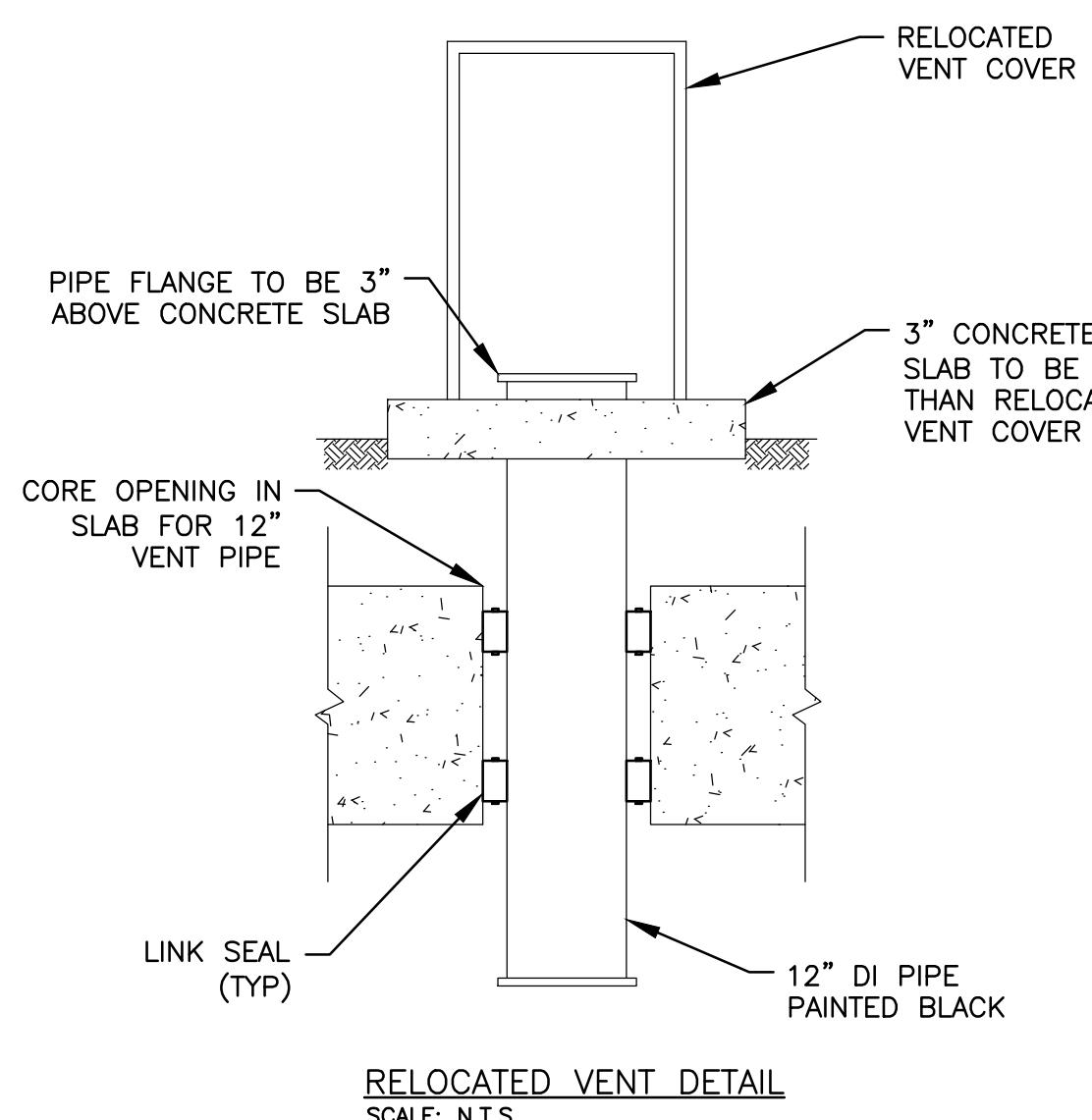
JOB NO.
COF107301F

SHEET
C-101

PROJECT MANAGER: TERRY L. HARRISON, PE
 CA:\PW\WORK\WADE-TRIM\DAVIDEK\110473\CSP_PITS_C-103_THIRD_AVE_PROPOSED_SITE_PLAN.DWG - LAYOUT - PLOTTED 7/16/2021 11:27 AM BY: DAVIDEK, TYLER



- NOTES:**
1. THE CONTRACTOR WILL PRESERVE THE OWNERS ACCESS TO ALL SITES FOR OPERATION AND MAINTENANCE AT ALL TIMES.
 2. CONTRACTOR TO EXCAVATE MATERIAL ABOVE EXISTING BASEMENT AREA; MATERIAL TO BE STORED ON SITE AND REPLACED AT THE COMPLETION OF THE BASEMENT WORK.
 3. CONTRACTOR RESPONSIBLE FOR THE DESIGN AND ROUTE OF BYPASS PUMPING SYSTEM PER SECTION 01 8933.
 4. CONTRACTOR SHALL UTILIZE A TEMPORARY EARTH RETENTION SYSTEM, AS NECESSARY, DURING EXCAVATION AND CONSTRUCTION OF THE EXISTING BASEMENT AND/OR LINE STOP. CONTRACTOR SHALL SUBMIT A PLAN AND SUFFICIENT DETAIL FOR THE EARTH RETENTION SYSTEM FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
 5. CONTRACTOR SHALL PROVIDE FOR DEWATERING, AS NECESSARY. CONTRACTOR SHALL SUBMIT A PLAN AND SUFFICIENT DETAIL FOR THE DEWATERING SYSTEM FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION.



RELOCATED VENT DETAIL
 SCALE: N.T.S.

CB-20081
 RIM = 699.82
 12" RCP WSW INV = 693.85
 10" RCP ENE INV = 695.67

ISSUED FOR:	DATE:	BY:
50% SET	4/23/21	JJA
90% SET	5/14/21	JJA
100% SET	5/28/21	JJA
IFB	6/22/21	JJA

JOB NO. COF107301F

SHEET C-103

CITY OF FLINT
 WPCF THIRD AVENUE PUMPING STATION IMPROVEMENTS
 SRF # 5709-01
 THIRD AVE. PROPOSED SITE PLAN
 WPCF THIRD AVE PUMPING STATION IMPROVEMENTS

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