

ADVERTISEMENT TO BID

Charter Township of Union

2010 S. Lincoln Road

Mount Pleasant, MI 48858

Separate sealed Bids for the installation of one (1) sanitary sewer bypass pump assembly and rehabilitation of pump station wet well structure located in the Charter Township of Union will be received by the Charter Township of Union at the Charter Township of Public Service Administration Building located at, 5228 S. Isabella Road, Mount Pleasant MI 48858 until 10:00 AM Local Time, October 6, 2021 and then at said location publicly opened and read aloud.

The Work includes the following major items:

- Pump and Haul (Bypass Pumping)
- Cleaning / Patching in wet well
- Mobilization
- Removal/replacement of all pump station wet well guide rails, mounting brackets, supports, flanges, and base plates
- Installation of bypass pump assembly outside of valve chamber
- Restoration / Cleanup

The Contract Documents may be examined at the following locations:

Township Website - www.uniontownshipmi.com/departments/publicservice/rfp

Bids received after the above date and time will not be considered. Fax/emailed transmittals of Bids will not be accepted.

The Owner reserves the right to waive any informalities or to reject any or all Bids.

No Bidder may withdraw their Bid within 60 days after the actual date of Bid opening.



REQUEST FOR PROPOSALS
SANITARY SEWER PUMP STATION #12 – Crawford Road – Bypass Pump
Assembly/Pump Station Wet Well Upgrades
Charter Township of Union, Isabella County

Proposals Due:

October 6, 2021 10:00 a.m.

Address Proposals to (Signed and Sealed: Mailed and/or Delivered):

Attention: Kim Smith
Public Service Director
Charter Township of Union
5228 S Isabella Road
Mt. Pleasant, MI 48858

Phone: 989-772-4600 ext 224
Email: ksmith@uniontownshipmi.com

Scope of Services:

The Charter Township of Union is soliciting bids from mechanical contractors to provide and install a bypass pump assembly outside of the existing station valve chamber and complete upgrades to the existing wet well for sanitary sewer pump station #12.

The station is owned by the Charter Township of Union and operated / maintained by the Department of Public Services (DPS). The infrastructure at Pump Station #12 was constructed in the late 80's and is at and/or near it's' life expectancy. In addition to the installation of bypass a pumping assembly the project consists of the removal and installation of all existing pump station wet well guide rails, mounting brackets, supports, flanges, and base plates. The information contained below are the specific qualifications each contractor must meet in order to provide an accurate proposal. A site location map, existing and proposed mechanical drawing and specifications are attached for reference.

Requirements - General:

- Work must comply with all applicable laws, regulations and attached specifications
- Contractor shall be responsible for obtaining all local regulatory permits (including fees) which may include electrical, plumbing, soil erosion, Isabella County Road Commission, and mechanical permits. A copy of all permits must be provided to Union Township upon receipt.
- Date of completion to be within 45 days of signed contract as coordinated with the DPS.
- One (1) year warranty, from date of substantial completion against material defect and/or workmanship.

Terms of Agreement:

General:

- To hold bid open for 60 consecutive calendar days from the bid due date
- To enter into and execute a contract with Charter Township of Union

Insurance:

- Contractor will have Worker's Compensation Insurance in limits required by state law and Comprehensive General Liability Insurance coverage in force for all of its operations under this contract. A copy will be provided to Union Township prior to commencing work.

Bonds:

- The Contractor shall include in the proposal price the cost to provide the following:
 - Maintenance and Guarantee Bond in the amount of 50% of the proposal amount, guarantying for a period of one (1) year from final acceptance of the project work
 - Letter of Surety, licensed to do business in the State of Michigan, stating ability to obtain a Performance Bond, and Labor and Material Bond for 100% of the project amount.

Shop Drawing Submittals:

- Provide three (3) copies of material specification sheets and warranty information to the DPS. Do not proceed until written approval is received.
- Coordinate all work with DPS

Services / materials to be Provided:

Contractor shall provide all equipment and materials as necessary to complete the work outlined above. They shall include, but are not limited to, the following not stated previously:

- Mobilization, site restoration and cleanup
- Disposal of existing equipment to be removed at the direction of the DPS
- Coordination of delivery and unloading of new equipment
- Pump/Clean and Haul (Bypass) Pumping. No disruption of sewer service to customers. Station current peak hour flows experienced of 45 gallons per minute (gpm).
- Temporary Power Supply (as applicable)
- Site Tree Removal/Trimming (as applicable)
- All piping, valving, fittings, and appurtenances as necessary to accommodate upgrades
- All guide rails, mounting brackets, supports, flanges, and base plates to accommodate upgrades to pump station
- Final Inspection

Services / Materials Not to Be Included:

- Site accessibility (provided by owner)
- If additional room is necessary to complete project contractor shall obtain permission and provide copy of written permission from adjacent property owner (s) to Township.



Contractors Proposal Form

Bidders are instructed to submit bids for this project on a lump sum basis with adjustments for footage and materials more or less as stated in the Proposal.

All bid items are tax inclusive. All work shall be in compliance with specifications, terms identified in the RFP and applicable laws.

Bypass/Pump Station Wet Well Upgrades

1	Mobilization	
2	Pump and Haul (Bypass Pumping)	
3	Cleaning/Patching in wet Well	
4	Removal Replacement of all existing pump station wet well guide rails, mounting brackets, supports, flanges, and base plates	
5	Installation of bypass pump assembly outside of valve chamber	
6	Restoration/Cleanup	
	Total Lump Sum Bid	

Bidders Signature

Printed Name:

Business Name:

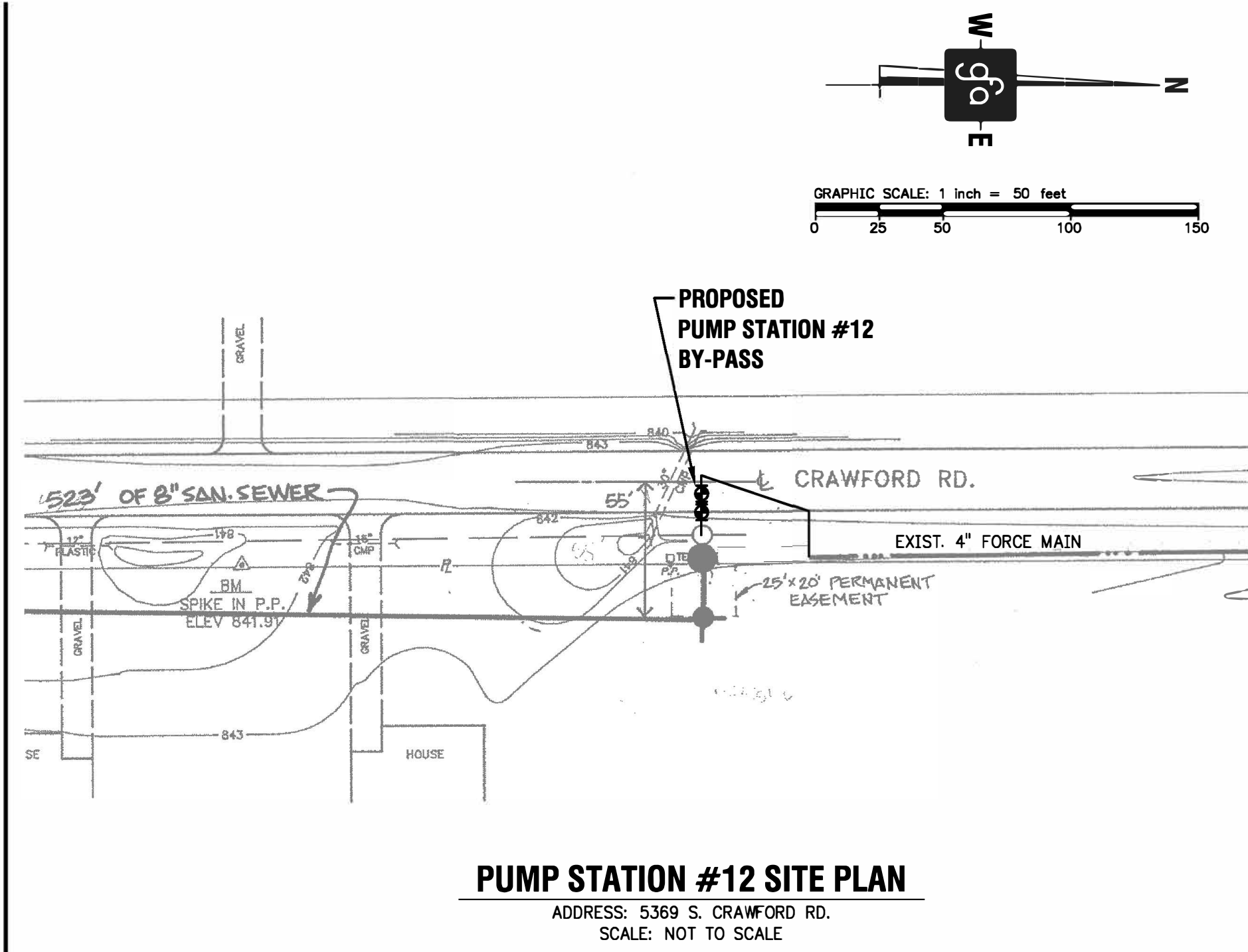
Address:

MI Contractor License No.:

Telephone:

Email:

Charter Township of Union reserves the right to accept or reject any or all proposals.

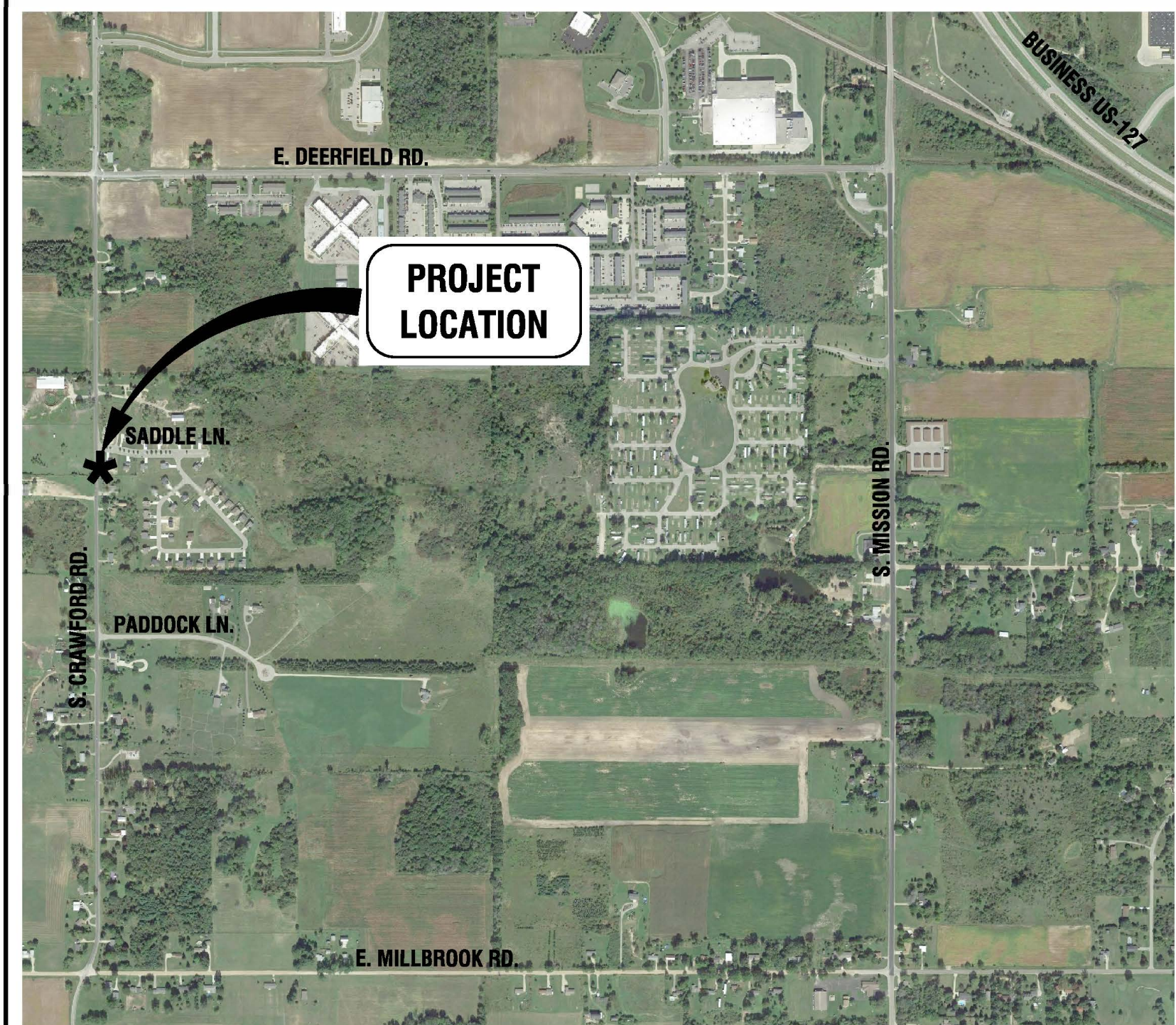


CONSTRUCTION SCHEDULE NOTES

1. A CONSTRUCTION SCHEDULE AND OPERATION PLAN SHALL BE SUBMITTED TO THE ENGINEER/OWNER FOR APPROVAL PRIOR TO BEGINNING WORK. ALL OPERATIONS OF EXISTING EQUIPMENT INCLUDING VALVE TURNING SHALL BE COMPLETED BY DPW STAFF.
2. CONTRACTOR SHALL MAINTAIN ALL INCLUDING EXISTING FLOWS IN TO WET WELL. CONTRACTOR SHALL ANTICIPATE TO PUMP AND HAUL SEWAGE FROM THE WET WELL TO FACILITATE WORK AND TO BE INCLUDED IN THE COST OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH DPW FOR NEAREST DOWNSTREAM MANHOLE TO DISCHARGE INTO. CONTRACTOR SHALL COORDINATE WITH THE DPW TO SHUT OFF PUMPS AND VALVES IN WET WELL TO ISOLATE. STATION EXPERIENCES PEAK HOUR FLOWS OF UP TO 45 GPM AND HAS AN AVAILABLE HOLDING CAPACITY OF APPROXIMATELY 2,200 GALLONS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING.

FORCEMAIN NOTES

1. ALL CONSTRUCTION MATERIALS AND PROCEDURES MUST CONFORM WITH CURRENT UNION TOWNSHIP D.P.W. STANDARDS, SPECIFICATIONS AND DETAILS.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
3. NO CONNECTION RECEIVING STORM WATER OR GROUND WATER SHALL BE MADE TO SANITARY SEWER OR FORCE MAIN.
4. NO CONNECTION TO THE EXISTING FORCE MAIN SHALL BE MADE UNTIL THE NEW SEWER HAS BEEN INSTALLED, TESTED, INSPECTED, AND APPROVED BY THE ENGINEER AND THE D.P.W.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE MANHOLE AND VALVE BOX RIMS TO THE FINISH GRADE ELEVATIONS. THE ELEVATIONS SHOWN ARE BASED UPON PLAN GRADES AND ARE SUBJECT TO CHANGE.
6. CONTRACTOR SHALL FIELD VERIFY EXISTING FORCE MAIN DEPTH AND MATERIAL PRIOR TO MAKING CONNECTION AND PROVIDE ALL NECESSARY FITTINGS TO ACCOMMODATE.
7. ALL MATERIALS SHALL BE PROPERLY DISPOSED OF OFFSITE.
8. ANY DAMAGE TO BE REPAIRED AND/OR REPLACED TO EXISTING OR BETTER CONDITION.



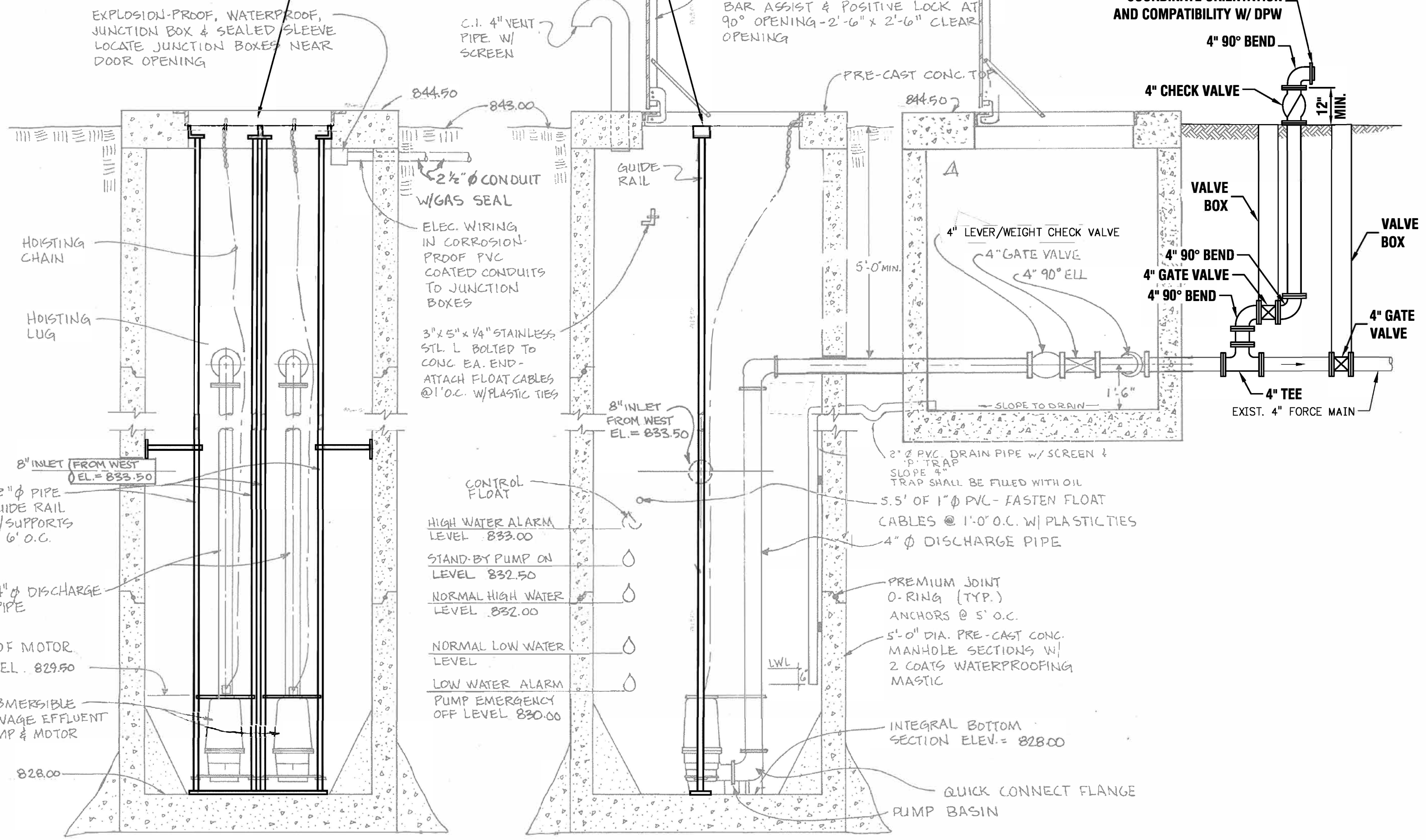
GENERAL NOTES

1. THE EXISTING INFORMATION PROVIDED ARE SCANNED IMAGES OF THE ORIGINAL DESIGN DRAWINGS AND ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PRIOR TO BEGINNING WORK.
2. SPECIAL CARE SHALL BE TAKEN IN EXCAVATING IN THE PROXIMITY OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL SECURE ASSISTANCE FROM THE APPROPRIATE UTILITY COMPANY IN LOCATING ITS LINES. THE CONTRACTOR SHALL ALSO: PROVIDE SUPPORT FOR ANY UTILITY WITHIN THE EXCAVATION, PROVIDE PROPER COMPACTION UNDER ANY UNDERMINED UTILITY STRUCTURE AND, IF NECESSARY, INSTALL TEMPORARY SHEETING OR USE A TRENCH BOX TO MINIMIZE THE EXCAVATION. THE CONTRACTOR SHALL PROTECT AND SAVE HARMLESS FROM DAMAGE ALL UTILITIES, WHETHER PRIVATELY OR PUBLICLY OWNED, ABOVE OR BELOW GROUND SURFACE, WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
3. THE LOCATION OF EXISTING PUBLIC UTILITIES AND UNDERGROUND STRUCTURES SUCH AS PIPE LINES, ELECTRIC CONDUITS, SEWERS AND WATER LINES, OF RECORD ARE SHOWN ON THE PLANS. THE INFORMATION SHOWN IS BELIEVED TO BE REASONABLY CORRECT AND COMPLETE. HOWEVER, NEITHER THE CORRECTNESS NOR THE COMPLETENESS OF SUCH INFORMATION IS GUARANTEED. PRIOR TO THE START OF ANY OPERATIONS IN THE VICINITY OF ANY UTILITIES, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES AND MISS DIG AND REQUEST THAT THEY STAKE OUT THE LOCATIONS OF THE UTILITIES IN QUESTION. THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF ANY UTILITIES WITH THE UTILITY PROVIDOR. COST OF REPAIR FOR ANY DAMAGED UTILITY LINES THAT IS PROPERLY STAKED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS GOVERNING THE FURNISHING AND USE OF SAFEGUARDS, SAFETY DEVICES AND PROTECTION EQUIPMENT. THE CONTRACTOR SHALL TAKE ANY NECESSARY PRECAUTIONS TO PROTECT THE LIFE AND HEALTH OF EMPLOYEES AND THE PUBLIC IN THE PERFORMANCE OF THE WORK.
5. FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, 1974, THE CONTRACTOR SHALL DIAL 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE PART OF THE "MISS DIG" ALERT SYSTEM.
6. EXISTING PROPERTY CORNERS ARE IDENTIFIED ON THE PLANS. IF A PROPERTY CORNER IS DISTURBED DURING CONSTRUCTION IT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE BY A PROFESSIONAL LAND SURVEYOR.
7. TRAFFIC SHALL BE MAINTAINED AT ALL TIMES WITH SIGNAGE TO COMPLY TO MMUTCD.
8. CONTRACTOR SHALL RESTORE ALL LAWS, LANDSCAPE PLANTINGS, SIDEWALKS, COMMERCIAL SIGNS, ETC., AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
9. ALL WORK SHALL TAKE PLACE WITHIN THE CONFINES OF THE EXISTING RIGHT-OF-WAY/EASEMENTS. IF ADDITIONAL ROOM IS NECESSARY, CONTRACTOR SHALL PROVIDE WRITTEN PERMISSION FROM ADJACENT PROPERTY OWNERS TO TOWNSHIP & ENGINEER.

SOIL EROSION AND STORM WATER CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE TEMPORARY SOIL EROSION CONTROL MEASURES PER P.A. 451 AS AMENDED. TEMPORARY AND PERMANENT SOIL EROSION CONTROL MEASURES, IF DIRECTED BY THE ENGINEER OR SOIL EROSION CONTROL OFFICER, AT NO ADDITIONAL COST TO THE PROJECT.
2. INSTALLATION AND MAINTENANCE OF TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. SHOULD ADDITIONAL SOIL EROSION CONTROL MEASURES BE DETERMINED BY EITHER THE SOIL EROSION CONTROL OFFICER OR THE OWNER'S ENGINEER THEY SHALL BE IN PLACE NO LATER THAN 24 HOURS FROM THE TIME OF NOTIFICATION TO THE GENERAL CONTRACTOR FOR THE PROJECT. IF NOT PLACED IN 24 HOURS OR LESS ALL ON SITE CONSTRUCTION WILL BE HALTED UNTIL SUCH MEASURES ARE INSTALLED AND APPROVED BY EITHER THE SOIL EROSION CONTROL OFFICER OR THE OWNER'S ENGINEER.
4. ALL DISTURBED NON-HARD SURFACE AREAS TO BE STABILIZED WITH TOPSOIL, SEED, FERTILIZED AND MULCHED. DISTURBED AREAS SHALL BE TOPSOILED TO A DEPTH NOT LESS THAN FOUR (4) INCHES. SLOPES BETWEEN 1 ON 3 AND 1 ON 2 SHALL BE SEED AND STAKED OR RECEIVE SEED WITH MULCH BLANKET.
5. IF REQUESTED BY THE ENGINEER OR SOIL EROSION CONTROL OFFICER, A WATER TRUCK SHALL BE KEPT ON STAND-BY ON SITE DURING THE CONSTRUCTION PHASE OF THE PROJECT. THE WATER TRUCK SHALL BE USED AS DIRECTED BY THE ENGINEER OR SOIL EROSION CONTROL OFFICER TO CONTROL WIND EROSION AND DUST CONTROL.
6. ALL STORM DRAINAGE PIPE SHALL BE CORRUGATED GALVANIZED STEEL PIPE, HDPE OR APPROVED EQUAL.
7. EXISTING STORM DRAINAGE DITCHES SHALL BE REBUILT IF FILLED IN OR REMOVED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE, AS REQUIRED, ALL DRAINAGE CULVERTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED. ALL COSTS ASSOCIATED WITH REPAIRING/REPLACING SHALL BE INCLUDED IN THE COST OF THE PROJECT.
8. THE CONTRACTOR SHALL REMOVE OR CAUSE TO BE REMOVED ALL SEDIMENT OR SOILS THAT HAVE BEEN DROPPED, WASHED ONTO OR TRACKED OUT ONTO PUBLIC RIGHT-OF-WAY OR PRIVATE ROADS AT THE END OF EACH WORKING DAY OR AFTER EACH RAIN EVENT ON NON-WORK DAYS.
9. ALL REMOVED TOPSOIL WILL BE STOCKPILED WITHIN THE PROJECT AREA. IF ADDITIONAL TOPSOIL IS AVAILABLE AFTER TOPSOILING THE CONSTRUCTION AREA, IT WILL BE STOCKPILED WITHIN 1000 FEET OF THE CONSTRUCTION AREA AS DIRECTED BY THE OWNER OR ENGINEER.
10. THE CONTRACTOR SHALL REPAIR ALL WASHOUTS AND EROSION DURING THE GUARANTEE PERIOD OF ONE (1) YEAR AT NO ADDITIONAL COST TO THE OWNER.

REMOVE AND REPLACE ALL EXISTING GUIDE RAILS, MOUNTING BRACKETS, SUPPORTS, FLANGES, AND BASE PLATES. CONTRACTOR TO PROVIDE AND INSTALL NEW COMPATIBLE WITH EXISTING PUMPS IN COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS (HYDRAMATIC AS SUPPLIED BY KERR PUMP AND SUPPLY. ALL MATERIALS TO BE STAINLESS STEEL (SCH40).



NOTE: PUMP SHALL BE ALIGNED FOR REMOVAL THRU ACCESS HATCH.

CHAARTER TOWNSHIP OF UNION
PUMP STATION #12 BY-PASS UPGRADES
 BY-PASS PLAN AND DETAILS
 UNION TOWNSHIP, ISABELLA COUNTY, MICHIGAN

http://gfo.ic
 231.946.5874 (p)
 231.946.3703 (f)

ENGINEERING SURVEYING TESTING & OPERATIONS

123 West Front Street
 Traverse City, MI 49684

REV#	DATE	DESCRIPTION
A	08/10/2021	FOR REVIEW
B		
C		
D		
E		
F		
G		
H		
I		
J		
K		
L		
M		
N		
O		
P		
Q		
R		
S		
T		
U		
V		
W		
X		
Y		
Z		

JENNIFER HODGES, P.E.
 C. BALLANCE
 J. HODGES

21029U
 C1.0