

GENERAL NOTES

1. NO SURVEY WAS PERFORMED FOR THIS PROJECT. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND FIELD MEASUREMENTS, AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD, AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS.
2. THE CONTRACTOR SHALL SECURE ANY LOCAL, STATE, COUNTY PERMITS NEEDED FOR THIS PROJECT.
3. THE CONTRACTOR SHALL PERFORM ALL CONSTRUCTION FOR THE PROJECT IN A MANNER AND SEQUENCE THAT ARE BASED ON ACCEPTED INDUSTRY STANDARDS THAT RECOGNIZE THE INTERACTION OF THE COMPONENTS THAT COMPRISE THE STRUCTURE, WITHOUT CAUSING DISTRESS, UNANTICIPATED MOVEMENTS OR IRREGULAR LOAD PATHS AS A RESULT OF THE CONSTRUCTION MEANS AND METHODS EMPLOYED.
4. CONSTRUCTION LOADS SHALL NOT EXCEED DESIGN LIVE LOAD. THE CONTRACTOR IS RESPONSIBLE FOR ALL DESIGN REQUIRED TO SUPPORT CONSTRUCTION EQUIPMENT USED IN CONSTRUCTING THIS PROJECT. SHORING AND RESHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. UTILITIES - LOCATIONS / INFORMATION ON PLANS

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- * AMEREN ILLINOIS (GAS & ELECTRIC) - 1050 WEST BOULEVARD, BELLEVILLE, IL 62221-4169
- * AT&T ILLINOIS (COMMUNICATIONS) - 160 WEST DIVISION STREET, MARYVILLE, IL 62062
- * CHARTER COMMUNICATIONS, INC. (CABLE) - 101 NORTHWEST PLAZA, SAINT ANN, MO 63074
- * CLEARWAVE COMMUNICATIONS (COMMUNICATIONS) - TWO NORTH VINE STREET, P.O. BOX 808, HARRISBURG, IL 62946
- * ENABLE MIDSTREAM PARTNERS (PIPELINE) - 5300 NORTHSHORE COVE, NORTH LITTLE ROCK, AR 72118
- * EVERSTREAM GLC HOLDING COMPANY LLC (COMMUNICATIONS) - 1228 EUCLID AVE., SUITE 250, CLEVELAND, OH 44115
- * ILLINOIS AMERICAN WATER COMPANY (WATER) - 2000 W. 24TH STREET, GRANITE CITY, IL 62040
- * LEVEL 3 COMMUNICATIONS, LLC (COMMUNICATIONS) - 1015 LOCUST STREET, SUITE 800, ST. LOUIS, MO 63101
- * VERIZON BUSINESS (COMMUNICATIONS) - 7719 WEST 60TH PLACE, SUMMIT, IL 60501
- * SPIRE NGL (PIPELINE) - 4118 SHREWSBURY AVE., SHREWSBURY, MO 63119
- * WINDSTREAM COMMUNICATIONS (COMMUNICATIONS) - 4001 N. RODNEY PARHAM RD., LITTLE ROCK, AR 72212
- * ZAYO GROUP LLC (COMMUNICATIONS) - 4024 HOUNDS HILL DR., FLORISSANT, MO 63034

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY

6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENFORCE ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
7. ALL CONTRACTORS ARE REQUIRED TO EXAMINE THE DRAWINGS AND SPECIAL PROVISIONS CAREFULLY. VISIT THE SITE AND FULLY INFORM THEMSELVES AS TO ALL EXISTING CONDITIONS AND LIMITATIONS, PRIOR TO AGREEING TO PERFORM THE WORK. FAILURE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND LIMITATIONS WILL IN NO WAY RELIEVE THE CONTRACTOR FROM FURNISHING ANY MATERIALS OR PERFORMING ANY WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS WITHOUT ADDITIONAL COST TO THE OWNER.
8. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE EXISTING PUMP STATION BUILDING.
9. DRAWINGS ARE NOT TO SCALE.

10. THE DEPARTMENT RESERVES THE RIGHT TO NOTIFY THE CONTRACTOR TO CHANGE THE CONSTRUCTION SCHEDULE IF NEEDED TO ENSURE PROPER DEWATERING NEEDS FOR THE DEPARTMENT.
11. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES, GRADUATES ARE WELL TRAINED AND READY TO BECOME PRODUCTIVE ENTRY LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

D:\B\Files\190198\Work-Order-03 - Phase II Pump Station Blanket Agreement\Venice Pump Station\Sheets\0876155-sh-t-generalnotes.dgn



USER NAME = oms	DESIGNED	AMS	REVISED	-
	DRAWN	AMS	REVISED	-
PLOT SCALE = 2:0' = 1" / 16'	CHECKED	EBB	REVISED	-
PLOT DATE = 7/31/2020	DATE	12/19/2019	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

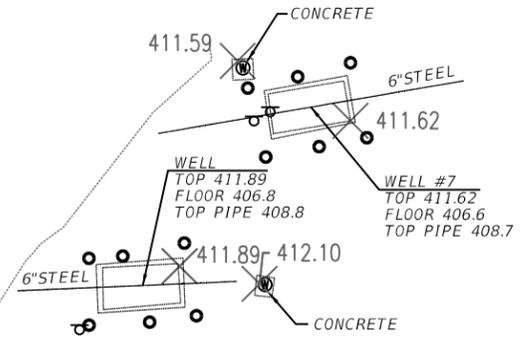
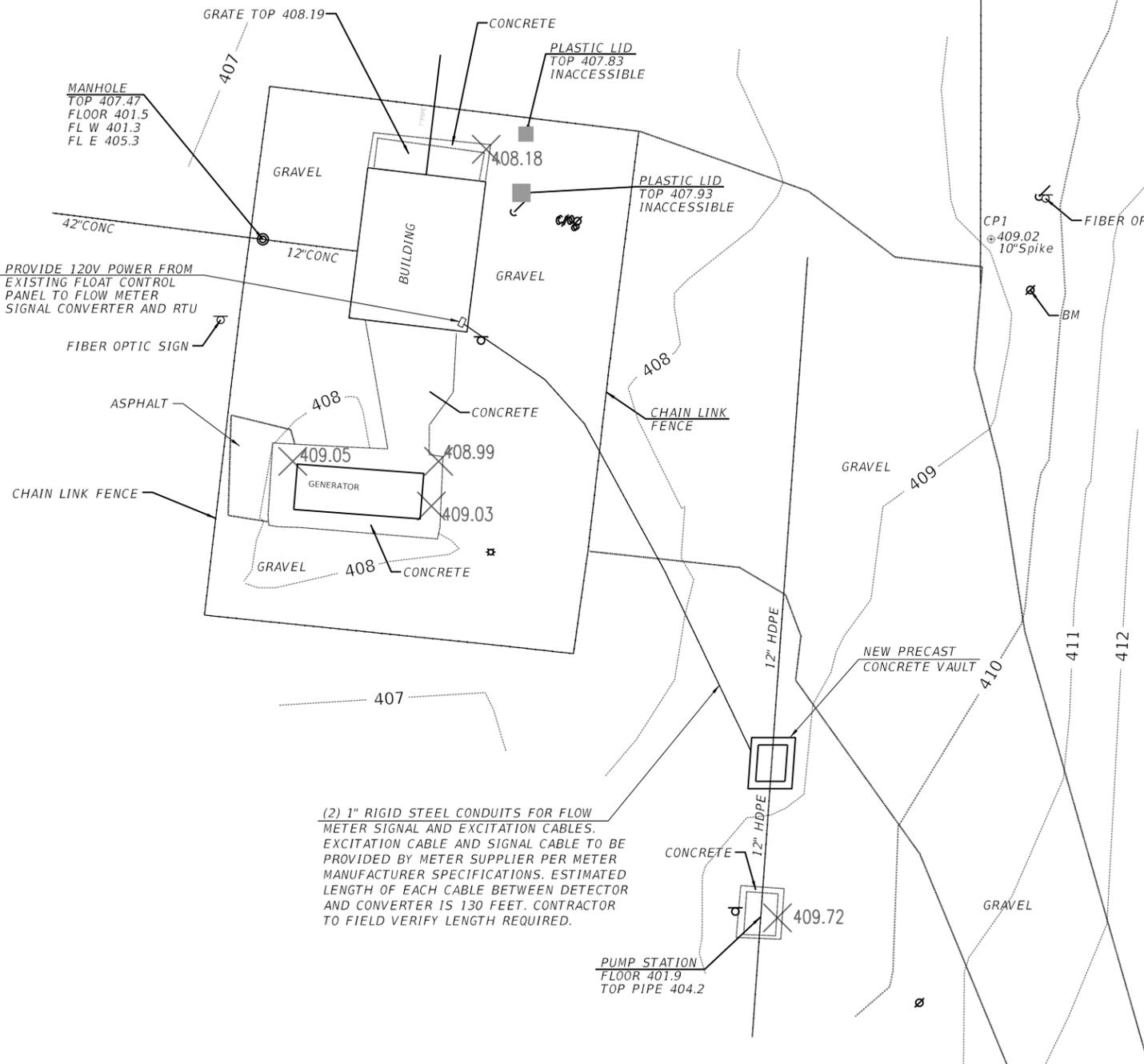
GENERAL NOTES

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	27PS-7	MADISON	7	2
CONTRACT NO. 76N55				
ILLINOIS FED. AID PROJECT				



CP2 @ 408.45
10" Spike



(2) 1" RIGID STEEL CONDUITS FOR FLOW METER SIGNAL AND EXCITATION CABLES. EXCITATION CABLE AND SIGNAL CABLE TO BE PROVIDED BY METER SUPPLIER PER METER MANUFACTURER SPECIFICATIONS. ESTIMATED LENGTH OF EACH CABLE BETWEEN DETECTOR AND CONVERTER IS 130 FEET. CONTRACTOR TO FIELD VERIFY LENGTH REQUIRED.

BENCHMARK:
RAILROAD SPIKE IN POWER POLE - ELEV 411.36
(FROM PLANS)

- BOLLARD
- ⊙ MONITORING WELL

Point	Northing	Easting	Elevation	Description
CP1	729913.351	2294206.390	409.02	10" Spike
CP2	729961.997	2294077.154	408.45	10" Spike

D:\B\Files\190198\Work-Order-03 - Phase II Pump Station Blanket Agreement\Venice Pump Station\Sheets\0876N55-sht-SitePlan.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

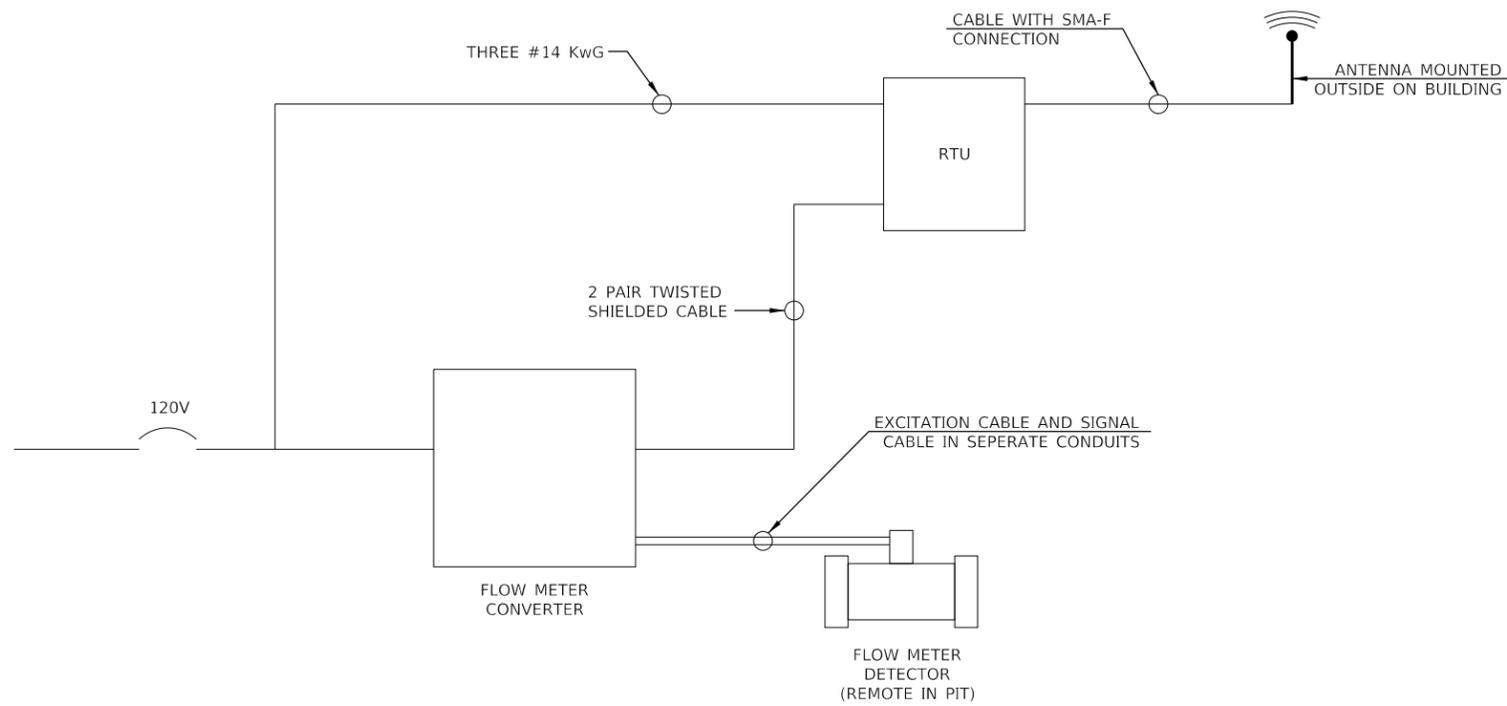
USER NAME = oms	DESIGNED DLO	REVISED -
PLOT SCALE = 2:8.0000 '1' / in.	DRAWN DLO	REVISED -
PLOT DATE = 7/31/2020	CHECKED AMS	REVISED -
	DATE 12/19/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VENICE PUMP STATION
SITE PLAN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 788	SECTION 27PS-7	COUNTY MADISON	TOTAL SHEETS 7	SHEET NO. 4
CONTRACT NO. 76N55				
ILLINOIS FED. AID PROJECT				



MAGNETIC FLOW METER AND TELEMTRY WIRING DIAGRAM

USER NAME = \$USER*	DESIGNED	REVISED -
	DRAWN	REVISED -
PLOT SCALE = \$SCALE*	CHECKED	REVISED -
PLOT DATE = \$DATE*	DATE	REVISED -

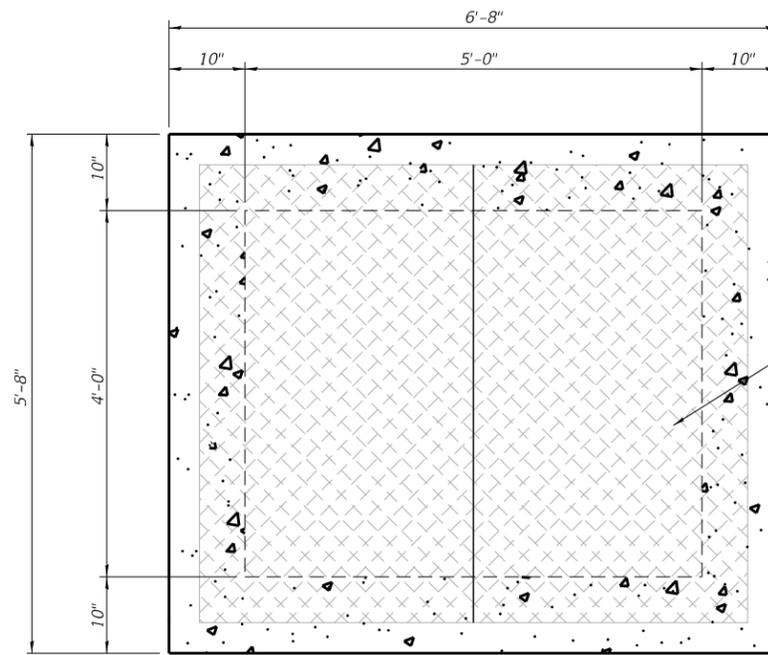
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	27PS-7	MADISON	7	5
CONTRACT NO. 76N55				
ILLINOIS FED. AID PROJECT				

SEQUENCE OF WORK:

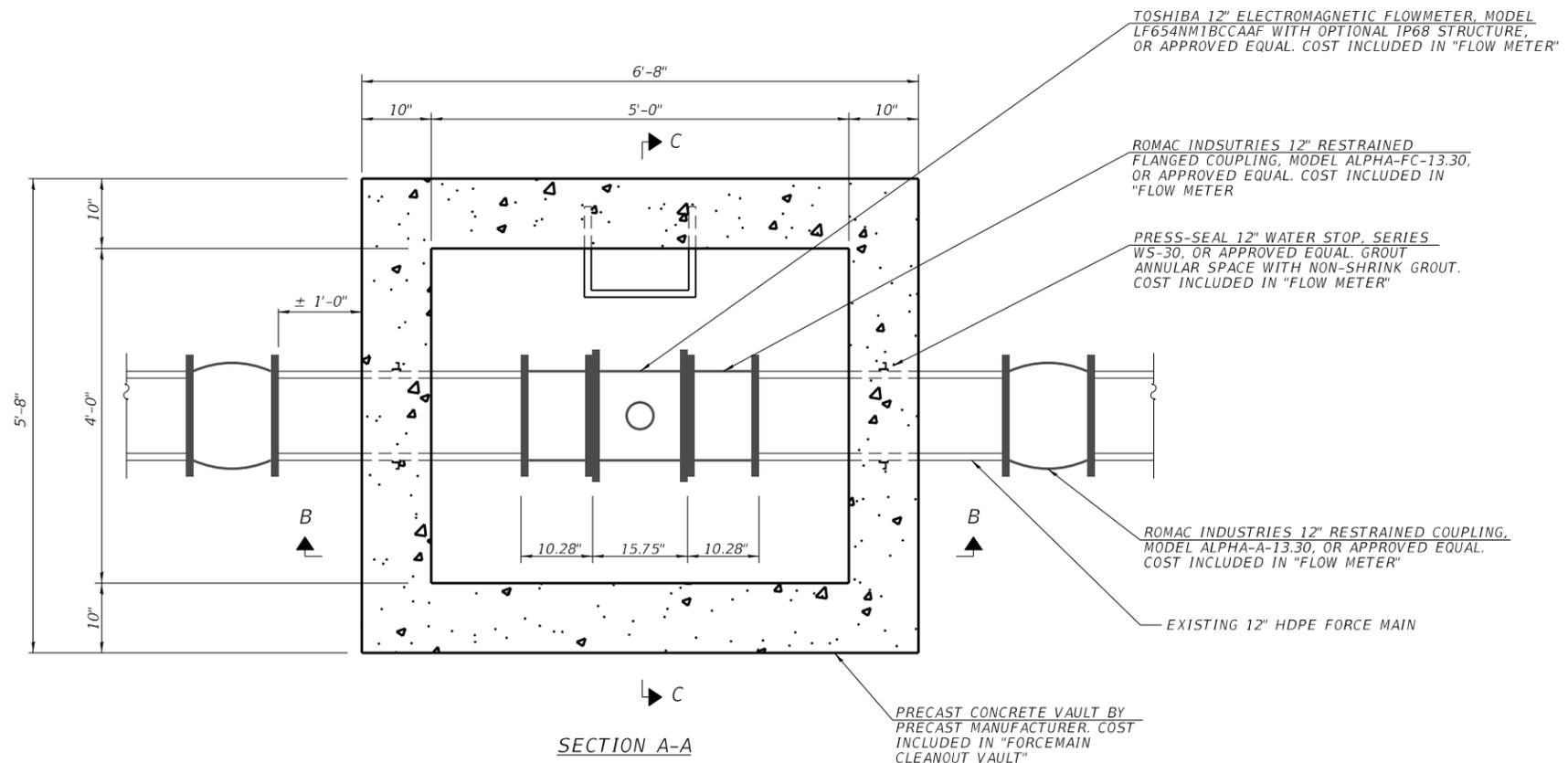
1. REMOVE 10' TO 20' SECTION OF EXCAVATED HDPE FORCE MAIN AT PROPOSED VAULT LOCATION
2. REMOVE 3' SECTION FROM CENTER OF CUT PIPE FOR FLOWMETER
3. LAY VAULT AND INSERT CUT PIPE ENDS. INSTALL HDPE x MJ ADAPTERS, FLOWMETER, AND WATER STOP
4. REJOIN FORCE MAIN AT CUT LOCATIONS USING RESTRAINED COUPLINGS

NOTES:

1. ALUMINUM HATCH SHALL BE LOAD RATED FOR H2O LOADING, OFF STREET USE.
2. SEE SHEET 7 OF 7 FOR SECTIONS B-B AND C-C.
3. PRECAST CONCRETE VAULT MANUFACTURER SHALL SUBMIT COMPLETE DESIGN CALCULATIONS AND SHOP DRAWINGS, SEALED BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER.



PLAN VIEW AT FINISHED GRADE



SECTION A-A

D:\B\Files\192019\Work-Order-03 - Phase II Pump Station Blanket Agreement\Venice Pump Station\Sheets\0876N55-sh1-Plan.dgn

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = oms	DESIGNED AMS	REVISD -
DRAWN AMS	REVISD -	
CHECKED EBB	REVISD -	
DATE 12/19/2019	REVISD -	

PLOT SCALE = 2:0.0000 '1' / in.
PLOT DATE = 7/31/2020

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VENICE PUMP STATION METER VAULT PLAN AND SECTION	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 788	SECTION 27PS-7	COUNTY MADISON	TOTAL SHEETS 7	SHEET NO. 6
CONTRACT NO. 76N55				
ILLINOIS FED. AID PROJECT				