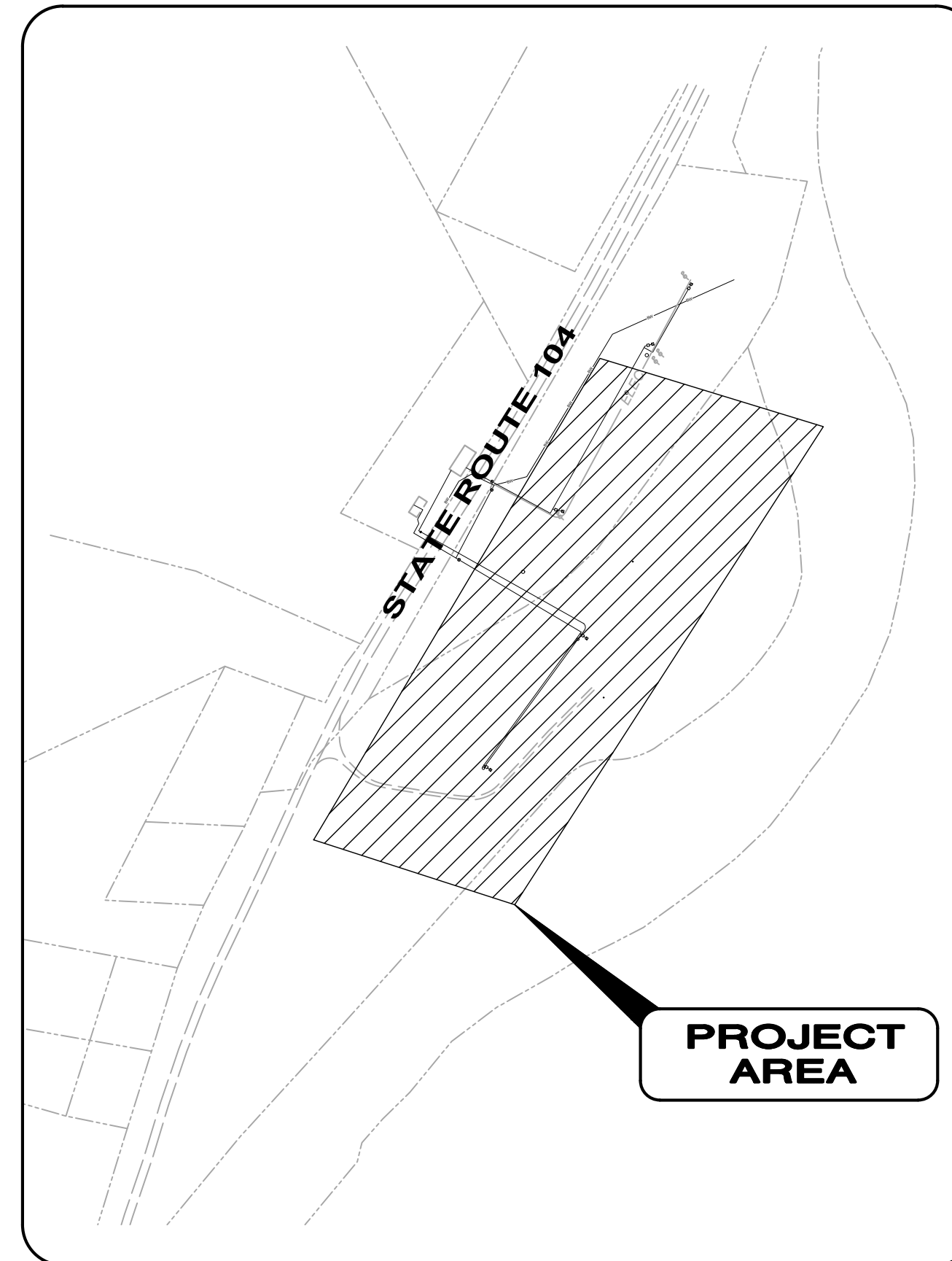
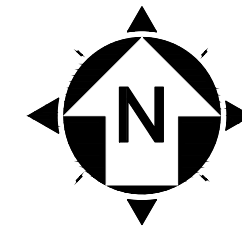


PIKE WATER, INC.

WELL # 6

PIKE COUNTY, OH SEPTEMBER 2019



LOCATION MAP
1" = 500'

BOARD OF DIRECTORS

BERLIN CAUDILL	PRESIDENT
JAN LEETH	VICE-PRESIDENT
JUDY WILCHER	SECRETARY / TREASURER
MELBY WILLIAMS	MEMBER
WAYNE GROOMS	MEMBER
JEFF CHATTIN	MEMBER
RICK ALDERMAN	MEMBER

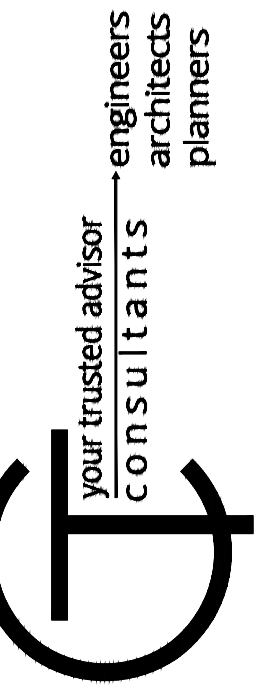
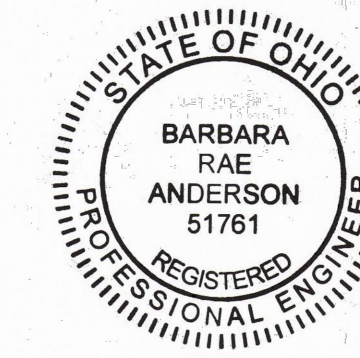
APPROVAL:

Timothy R. Williams
TIMOTHY R. WILLIAMS, GENERAL MANAGER
8-20-2019
DATE

ENGINEER:

CT CONSULTANTS, INC.
148 NORTH HIGH STREET
GAHANNA, OHIO 43230
(614) 471-7310 PHONE
(614) 471-7320 FAX

Barbara R. Anderson
BARBARA R. ANDERSON, P.E.
OHIO REG. No. 51761
8-20-2019
DATE



ISSUED FOR:	BID NO.	REVISION	DATE
ISSUE DATE:	8/29/2019		
SCALE:	AS SHOWN		
DESIGNED BY:	BRA		
DRAWN BY:	RE		
CHECKED BY:	BRA		

OHIO
PIKE WATER, INC.
WELL #6
PIKE COUNTY
TITLE SHEET

PROJECT NO.	190276
DISCIPLINE	GENERAL
SHEET NAME	00G-01
SHEET	OF
01	7



OHIO
Utilities Protection
SERVICE
Call Before You Dig
1-800-362-2764
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

OUPS DESIGN SERIAL NUMBERS:

A923103684-00A - WELL FIELD

1. UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
2. THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.

GENERAL NOTES:

- UTILITIES: EXISTING UNDERGROUND UTILITIES ARE LOCATED WHERE IT IS KNOWN THAT THEY EXIST. THE CONTRACTOR IS RESPONSIBLE TO CONTACT THE VARIOUS UTILITY COMPANIES TO OBTAIN ACCURATE LOCATIONS PRIOR TO COMMENCING EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL INCLUDE THE COST OF ALL WORK REQUIRED TO AVOID EXISTING UTILITIES AND STRUCTURES WITHIN THE UNIT PRICE BID FOR THE INSTALLATION OF THE PROPOSED FACILITIES.
- EXISTING UTILITIES: THE FOLLOWING UTILITIES ARE LOCATED WITHIN THE BOUNDARIES OF THIS PROJECT. THE CONTRACTOR SHALL NOTIFY THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT 1-800-362-2764, TWO (2) WORKING DAYS PRIOR TO COMMENCING ANY EXCAVATION.

PIKE WATER INC.
277 BOSWELL RUN RD.
PIKETON, OH 45661
(740) 947-2524

AEP OHIO
PHONE 800-672-2231

FRONTIER COMMUNICATIONS
1315 ALBERT ST.
PORTSMOUTH, OH 4562
(740) 954-5207

ODOT DISTRICT 9
650 EASTERN AVE.
CHILLICOTHE, OH 45601
(740) 773-2691

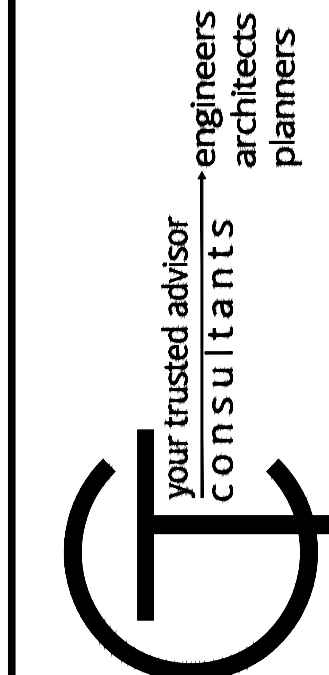
DIVERSIFIED GAS AND OIL
4150 BELDEN VILLAGE ST. NW
SUITE 401
CANTON, OH 44718
(330)493-0440
- DAMAGE TO EXISTING UTILITIES: THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL UTILITIES DAMAGED BY HIS CONSTRUCTION ACTIVITIES.
- PERMITS: THE OWNER SHALL OBTAIN ANY REQUIRED STATE, COUNTY OR TOWNSHIP PERMITS FOR THE PROPOSED PROJECT AND SHALL PROVIDE THE PERMITS TO THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMITS.
- ANCHORAGE OF FITTINGS: ALL EXTERIOR BELOW GRADE FITTINGS INCORPORATED INTO THE CONSTRUCTION SHALL BE ANCHORED AGAINST THRUST BY USE OF CONCRETE THRUST BLOCKS. CONCRETE SHALL BE READY MIX TYPE, 2500 PSI MINIMUM COMPRESSIVE STRENGTH. ABOVE GRADE AND INTERIOR FITTINGS SHALL BE FLANGED OR UTILIZE MECHANICALLY RESTRAINED JOINTS.
- COORDINATION: THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OTHER CONTRACTORS AND WITH THE OWNER TO AVOID DELAYS AND CONFLICTS.
- SAFETY: THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS INCLUDING EMPLOYEES AND PROPERTY. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURING THE PROJECT FROM THE GENERAL PUBLIC BOTH DURING AND AFTER HIS WORKING HOURS. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN ALL LIGHTS, SIGNS, FENCES OR ANY OTHER SAFETY DEVICE TO PREVENT UNAUTHORIZED PERSONNEL FROM HAZARDOUS OR DANGEROUS CONDITIONS ON THE PROJECT SITE. THE COST OF SUCH WORK SHALL BE INCLUDED IN THE VARIOUS ITEMS BID FOR FURNISHING AND INSTALLING MATERIALS ON THIS PROJECT.
- DISINFECTION: ALL WATER LINES SHALL BE DISINFECTED IN ACCORDANCE WITH THE APPLICABLE SECTION OF AWWA C651 AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISINFECTION AND RELATED TESTING ACTIVITIES FOR THE COMPONENTS INSTALLED AS A PART OF HIS/HER CONTRACT.
- MATERIALS TO BE UTILIZED: ALL MATERIALS TO BE UTILIZED IN THE CONSTRUCTION OF THIS PROJECT THAT WILL COME IN CONTACT WITH POTABLE WATER SHALL BE AWWA AND/OR NSF 60/61 APPROVED. A BRIEF SUMMARY OF THE PRIMARY MATERIALS TO BE UTILIZED IS AS FOLLOWS:

WATER LINE: DUCTILE IRON - AWWA C151
PVC - ASTM D2241

FITTINGS: DUCTILE IRON - AWWA C153
VALVES: GATE VALVES - AWWA C509
BUTTERFLY VALVES - AWWA C504
- HYDROSTATIC TESTING: ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF AWWA C600 FOR DUCTILE IRON MAINS OR AWWA C605 FOR PVC MAINS.
- SAFETY OF CONSTRUCTION: COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 IS REQUIRED OF ALL CONTRACTORS ON THE PROJECT.
- REVIEW OF THE PROJECT SITE: PRIOR TO BIDDING, THE CONTRACTOR SHALL, BY PERSONAL EXAMINATION, SATISFY HIMSELF AS TO THE LOCATION OF THE PROPOSED WORK AND TO ACQUAINT HIMSELF THOROUGHLY WITH THE EXISTING CONDITIONS AND THE DIFFICULTIES THAT ARE LIKELY TO BE ENCOUNTERED IN THE PERFORMANCE OF THE PROPOSED WORK.
- IRON PINS AND MONUMENTS: THE CONTRACTOR SHALL REFERENCE ALL IRON PINS AND MONUMENTS BEFORE EXCAVATING AT OR NEAR THEM. IF ANY IRON PINS OR MONUMENTS ARE DESTROYED OR DAMAGED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY AN OHIO REGISTERED SURVEYOR EMPLOYED BY THE CONTRACTOR AT THE COMPLETION OF THE PROJECT AND AT NO EXPENSE TO THE OWNER.
- EXCAVATION: ALL EXCAVATION ON THIS PROJECT IS UNCLASSIFIED. THE CONTRACTOR SHALL MAKE ALL EXCAVATION NECESSARY FOR CONSTRUCTION OF YARD PIPING AND STRUCTURES INCLUDED IN THIS PROJECT.
- THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE PROJECT SITE UNDER DEVELOPMENT OR THE EXISTING RIGHTS-OF-WAY, CONSTRUCTION AND /OR PERMANENT EASEMENTS AND SHALL NOT TRESPASS UPON OTHER PRIVATE PROPERTY WITHOUT THE WRITTEN CONSENT OF THE OWNER.
- MISCELLANEOUS WORK: ALL ITEMS OF WORK CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR AND THE COST OF SAME SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS.
- FINAL CLEAN-UP: THE CONTRACTOR SHALL CLEAN UP ALL DEBRIS AND MATERIALS RESULTING FROM HIS OPERATIONS AND RESTORE ALL SURFACES, STRUCTURES, DITCHES, AND PROPERTY TO ITS ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER.
- SURFACE RESTORATION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL SURFACES DISTURBED BY CONSTRUCTION TO THEIR PRE-CONSTRUCTION CONDITION. SEEDING MIXTURES, MULCHING, AND OTHER MATERIALS UTILIZED TO PERFORM THIS WORK SHALL BE AS SPECIFIED.
- SURVEYS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL DETAIL SURVEYS NEEDED FOR CONSTRUCTION.
- NOTIFICATIONS: ANY MODIFICATIONS OR CHANGES TO THE WORK, AS SHOWN ON THE DRAWINGS, MUST HAVE PRIOR WRITTEN APPROVAL OF THE OWNER AND ENGINEER.
- PIPING: CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PIPING DIMENSIONS PRIOR TO FABRICATING

- PIPE, PRESSURE RATINGS, FLANGE DRILLING PATTERNS, AND VALVE LEVER POSITIONS SHALL BE CONFIRMED WITH THE OWNER AND ENGINEER PRIOR TO FABRICATION AND SHALL BE DETAILED ON THE PIPING SUBMITTAL.
- SITE LAYOUT: CONTRACTOR SHALL VERIFY ALL DIMENSIONS RELATED TO THE LOCATION OF THE PROPOSED FACILITIES PRIOR TO CONSTRUCTION. DISCREPANCIES NOTED IN DIMENSIONS SHOWN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER.
 - FINAL GRADING: UPON COMPLETION OF WORK, THE AREA SURROUNDING EXISTING AND PROPOSED FACILITIES DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES.
 - DEWATERING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEWATERING ACTIVITIES NECESSARY FOR INSTALLATION OF THE PROPOSED FACILITIES.
 - FITTINGS REQUIRED FOR CONSTRUCTION: THE CONTRACTOR SHALL FURNISH ALL FITTINGS REQUIRED, WHETHER DESIGNATED OR NOT, NECESSARY TO ACHIEVE THE DESIRED ALIGNMENT OR INSTALLATION AS OUTLINED ON THE PLANS. COST OF THE REQUIRED FITTINGS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR RELATED ITEMS INCORPORATED INTO THE PROJECT.
 - SEPARATION: WATER LINES ON THIS PROJECT SHALL BE INSTALLED TO PROVIDE A MINIMUM HORIZONTAL SEPARATION FROM SEWER LINES OF 10 FEET AND A MINIMUM OF VERTICAL SEPARATION OF 18 INCHES.
 - REVIEW OF DOCUMENTS: PRIOR TO COMMENCING THE WORK, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR STUDYING THE CONTRACT DOCUMENTS AND REPORTING AT ONCE TO THE ENGINEER ANY ERROR OR INCONSISTENCY THAT MAY BE DISCOVERED.
 - VERIFICATION OF DIMENSIONS: THESE DIMENSIONS DO NOT INDICATE ALL PIPE FITTINGS REQUIRED TO INSTALL YARD PIPING AS SHOWN. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND PROVIDING ALL REQUIRED FITTINGS.
 - SCALING OF DRAWINGS: THE DRAWINGS SHALL NOT BE SCALED.
 - EXCAVATION: THE CONTRACTOR SHALL TAKE PRECAUTIONS AS NECESSARY AROUND AREAS OF EXCAVATION AND CONSTRUCTIONS TO ELIMINATE HAZARDS TO PERSONS AND PROPERTY.
 - COMPLIANCE: ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND ORDINANCE.
 - MATERIALS AND EQUIPMENT: MATERIALS AND EQUIPMENT SPECIFIED ON THE DRAWINGS BY TRADE NAME ARE SO LISTED AS TO CONVEY THE QUALITY AND WORKMANSHIP REQUIRED. SIMILAR MATERIALS OR EQUIPMENT MANUFACTURED BY FIRMS OTHER THAN THOSE LISTED ON THE DRAWINGS WILL BE CONSIDERED FOR ACCEPTABILITY. THE GENERAL CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS FOR ALL SUCH MATERIAL AND EQUIPMENT.

Sheet List Table		
Sheet Number	Sheet Title	Sheet Name
01	TITLE SHEET	00G-01
02	GENERAL NOTES & SHEET INDEX	00G-02
03	CONSTRUCTION DETAILS	00C-03
04	WELL AREA & SITE PLAN	01C-01
05	WELL DETAILS 1	01C-02
06	WELL DETAILS 2	01C-03
07	WELL DETAILS 3	01C-04

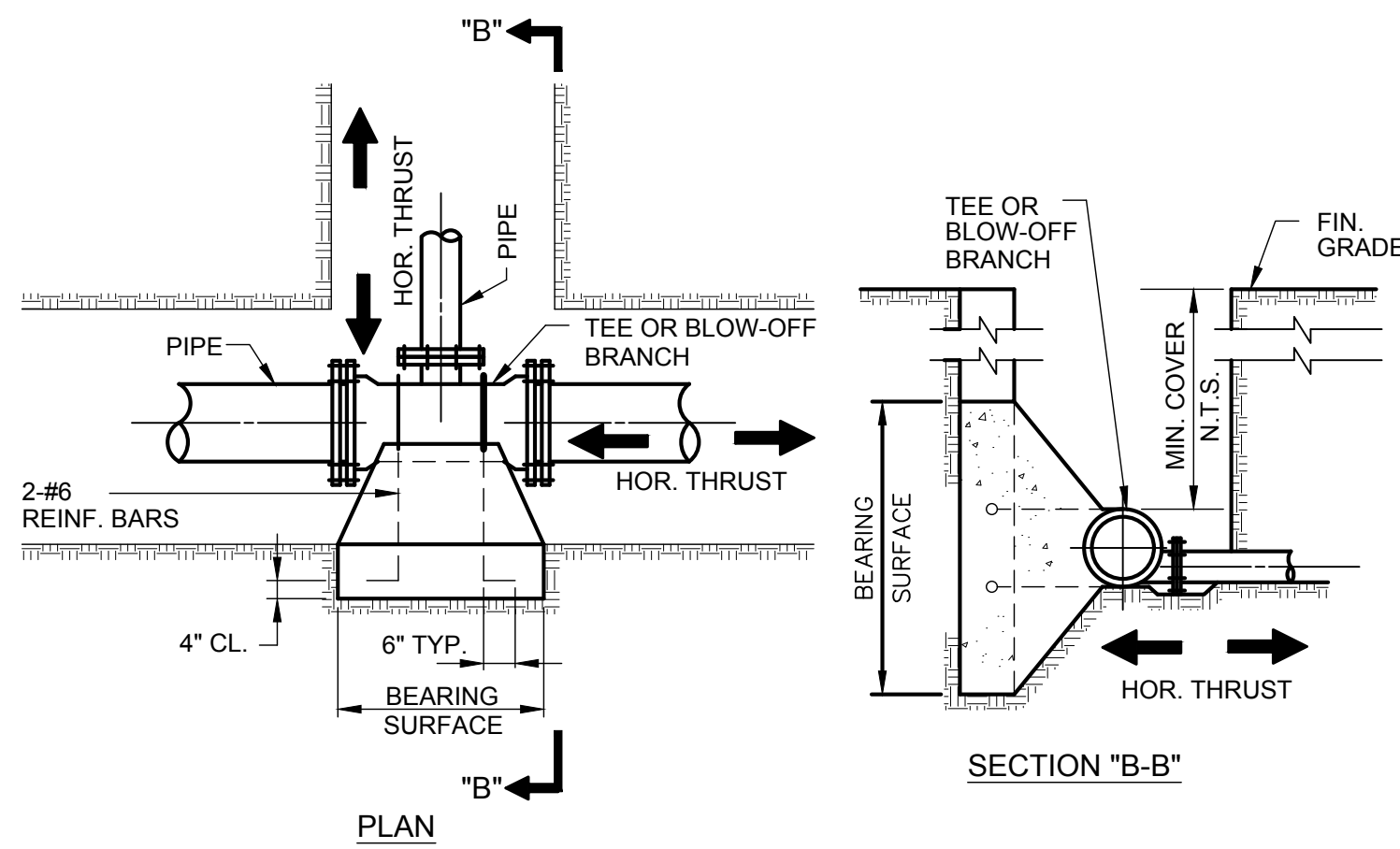


ISSUED FOR:	BID	NO	REVISION	DATE
ISSUE DATE:	8/29/2019			
SCALE:	AS SHOWN			
DESIGNED BY:	BRA			
DRAWN BY:	RE			
CHECKED BY:	BRA			

PIKE WATER, INC.
WELL #6
OHIO
PIKE COUNTY

GENERAL NOTES & SHEET INDEX

PROJECT NO. 190276	
DISCIPLINE GENERAL	
SHEET NAME 00G-02	
SHEET 02	OF 7



TYPICAL THRUST BLOCKING
D231001 N. T. S.

DIMENSIONS OF CONCRETE BLOCKING FOR VERTICAL BENDS WITH AN UPWARD THRUST

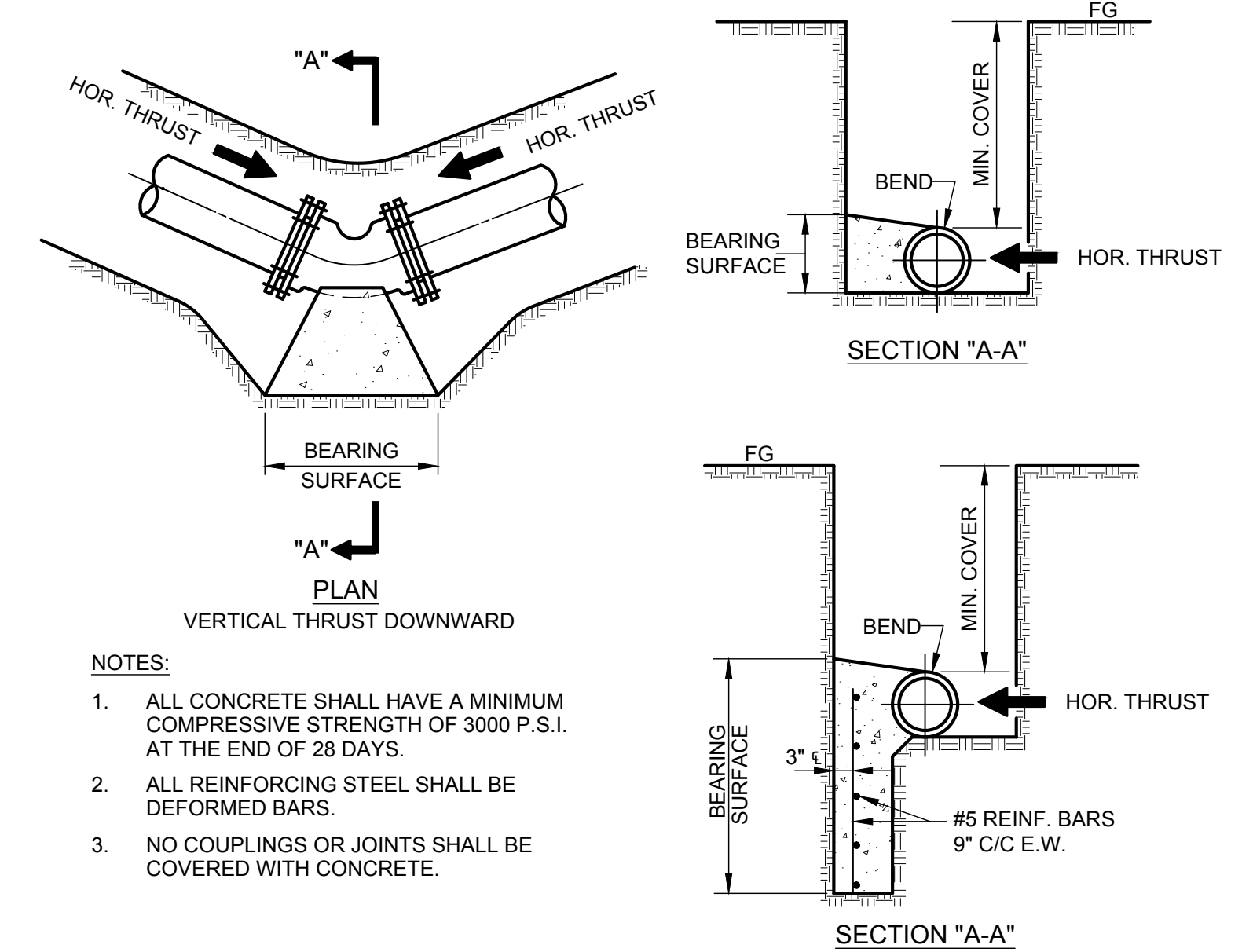
PIPE SIZES	6" AND 8"			10" AND 12"			14" AND 16"			18" AND 20"			24"		
DEGREE BEND OR DEFLECTION	11 1/4°	22 1/2°	45°	11 1/4°	22 1/2°	45°	11 1/4°	22 1/2°	45°	11 1/4°	22 1/2°	45°	11 1/4°	22 1/2°	45°
LENGTH	3'	4'	6'	4.5'	6.0'	8.0'	6'	8'	11'	7'	9'	13'	7'	10'	14'
WIDTH	3'	3'	3'	3'	4'	3.5'	3.5'	5'	4'	5'	5.5'	5'	6'	7'	
DEPTH	2'	3'	4'	3'	4.5'	5'	3.5'	5'	5'	4'	5'	6'	5'	6'	7'
SQ. IN. REBAR	0.15	0.28	0.57	0.33	0.66	1.30	0.60	1.18	2.31	0.92	1.84	3.61	1.36	2.7	5.2
MASS CONCRETE CU. YD.	0.66	1.33	2.66	1.5	3.0	5.9	2.7	5.2	10.2	4.1	8.3	15.8	6.7	13.3	25.7

PIPE SIZES	30"			36"			42"			48"			54"		
DEGREE BEND OR DEFLECTION	11 1/4°	22 1/2°	45°	11 1/4°	22 1/2°	45°	11 1/4°	22 1/2°	45°	11 1/4°	22 1/2°	45°	11 1/4°	22 1/2°	45°
LENGTH	8'	10'	15'	9'	12'	17.5'	10'	15'	19'	13'	17'	21.5'	15'	18'	24'
WIDTH	6'	8'	8.5'	7'	8.5'	10'	8'	8.5'	12'	8'	9.5'	13'	8'	10'	14'
DEPTH	6'	7'	8.5'	6.5'	8'	9'	7'	8.5'	9.5'	7'	9'	10'	8'	10'	11'
SQ. IN. REBAR	2.13	4.14	8.1	3.06	5.96	11.7	4.16	8.1	16.0	5.44	10.6	21.0	6.9	13.4	26.3
MASS CONCRETE CU. YD.	10.5	20.4	40.0	15.1	29.4	57.8	20.6	40	79	26.9	52.3	103.7	34.1	66.2	130

TYPICAL THRUST BLOCKING
N. T. S.

REINFORCING

BAR NO.	CROSS SECTION IN' PER BAR	VERTICAL IMBEDMENT
5	0.31	15 IN.
6	0.44	19 IN.
7	0.60	26 IN.
8	0.79	35 IN.
9	1.00	44 IN.
10	1.27	56 IN.
11	1.56	68 IN.



TYPICAL THRUST BLOCKING
D231002 N. T. S.

MINIMUM SQUARE FEET OF BEARING SURFACE REQUIRED FOR HORIZONTAL THRUST BLOCKING AND VERTICAL THRUST DOWNWARD

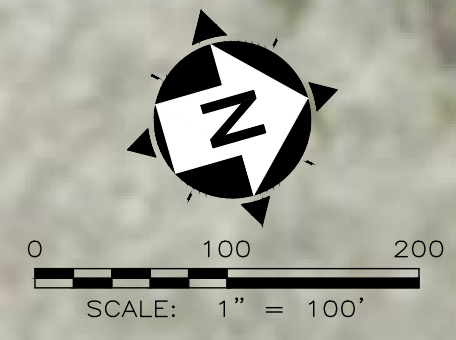
PIPE SIZES	6" AND 8"				10" AND 12"				14" AND 16"				18" AND 20"				24"				30"			
	DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION			
TYPE OF BEARING MATERIAL & ALLOWABLE LOADS	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°
SAND 1 TON/SQ. FT. SOFT CLAY 1 TON/SQ. FT.	1.50	3.00	6.00	12.00	3.00	6.00	12.00	24.50	5.50	11.00	21.50	43.00	8.50	16.50	33.00	66.00	13.6	27	52	97	21.3	41.4	81	150
SAND & GRAVEL 2 TON/SQ. FT.	1.00	1.50	3.00	6.00	1.50	3.00	6.00	12.00	2.50	5.50	11.00	21.50	4.00	8.50	16.50	33.00	6.8	13.5	26	48.5	10.6	20.7	40.5	75
CLAY 3 TON/SQ. FT.	1.00	1.00	2.00	4.00	1.00	2.00	4.00	8.00	2.00	3.50	7.00	14.00	3.00	5.50	11.00	22.00	4.5	9	17.3	32.3	7.1	13.8	27.0	50
SOFT ROCK 5 TON/SQ. FT.	1.00	1.00	1.00	2.50	1.00	1.00	2.50	5.00	1.00	2.00	4.50	8.50	1.50	3.50	6.50	13.00	2.7	5.4	10.4	19.4	4.2	8.3	16.2	30
ROCK 20 TON/SQ. FT.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.50	3.50	.68	1.3	2.6	4.8	1.06	2.07	4.05	7.5

PIPE SIZES	36"				42"				48"				54"				60"							
	DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION				DEGREE BEND OR DEFLECTION							
TYPE OF BEARING MATERIAL & ALLOWABLE LOADS	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°	11 1/4°	22 1/2°	45°	90°
SAND 1 TON/SQ. FT. SOFT CLAY 1 TON/SQ. FT.	30.6	59.6	117	220	41.6	81	160	294	54.4	106	210	384	69	134	263	486	85	165.5	324.6	600				
SAND & GRAVEL 2 TON/SQ. FT.	15.3	29.8	58.5	110.0	20.8	40.5	80	147	27.2	53	105	192	34.5	67	131.5	243	42.5	82.7	162.3	300				
CLAY 3 TON/SQ. FT.	10.2	19.9	39	73.3	13.8	27	53.3	98	18.1	35.3	70	128	23	44.6	87.6	162	28.3	55.1	108.2	200				
SOFT ROCK 5 TON/SQ. FT.	6.1	11.9	23.4	44	8.3	16.2	32	58.8	10.9	21.2	42	76.8	13.8	26.8	52.6	97.2	17	33.1	64.9	120				
ROCK 20 TON/SQ. FT.	1.5	2.9	5.8	11	2.08	4.05	8	14.7	2.7	5.3	10.5	19.2	3.4	6.7	13.1	24.3	4.2	8.2	16.2	30				

TYPICAL THRUST BLOCKING
D231005

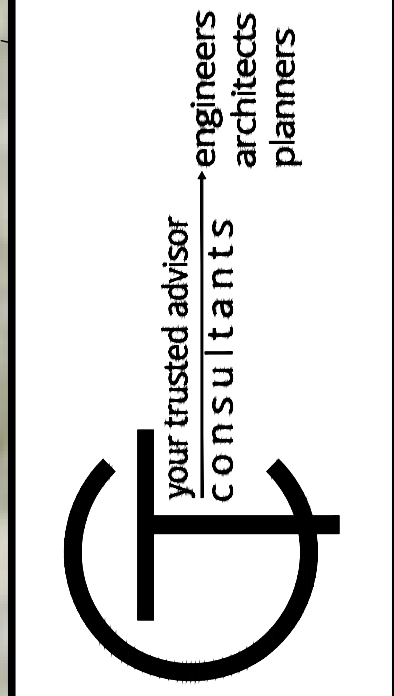
ISSUED FOR:	BID	NO	REVISION	DATE
PIKE WATER, INC. WELL #6	8/29/2019			
SCALE:	AS SHOWN			
DESIGNED BY:	BRA			
DRAWN BY:	RE			
CHECKED BY:	BRA			

PROJECT NO.	190276
DISCIPLINE	GENERAL
SHEET NAME	00C-03
SHEET	03
OF	7



NOTES:

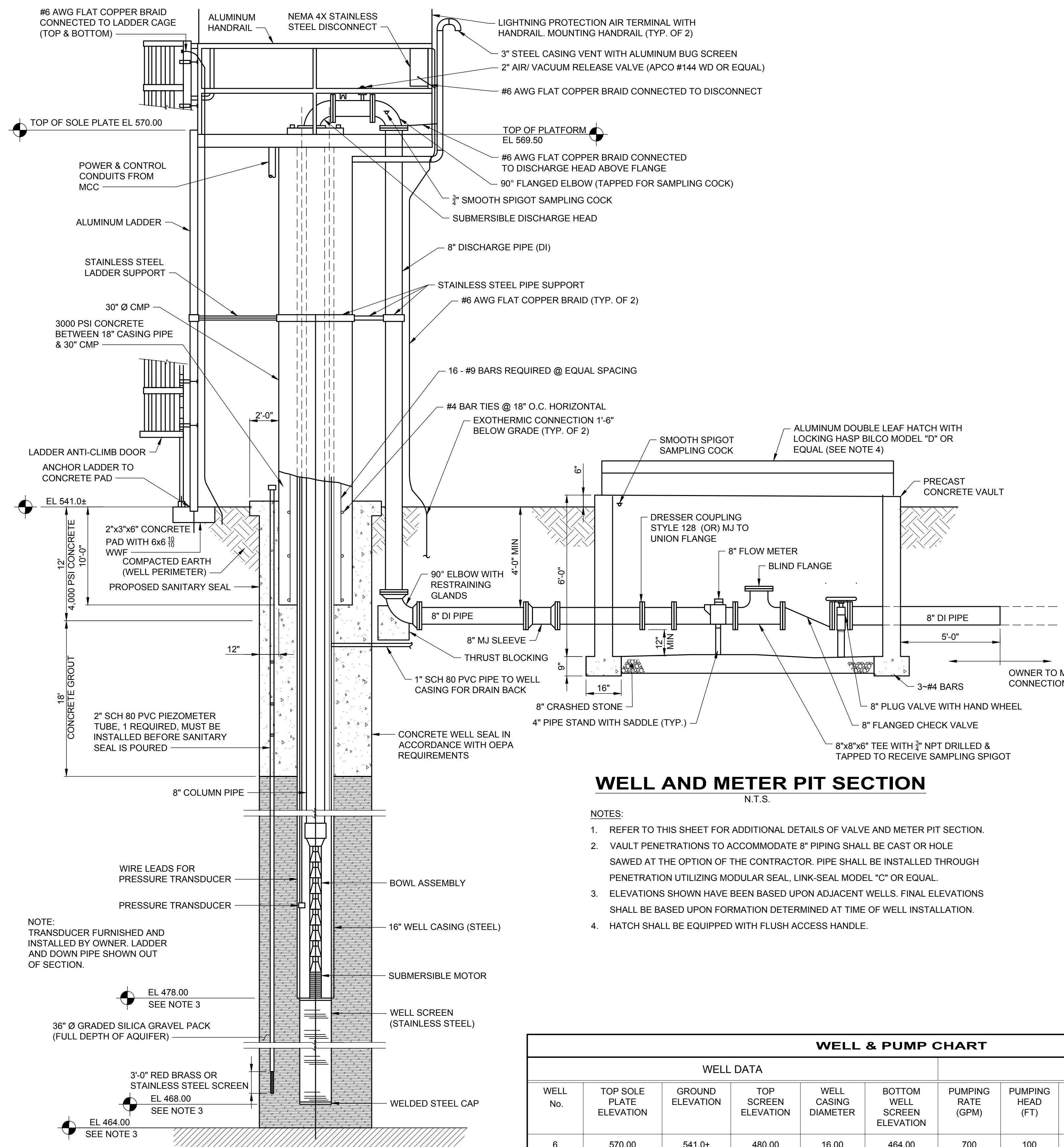
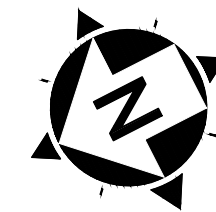
1. MAX 100 YR FLOOD ELEVATION 567.00 PER CORPS OF ENGINEERS DATA.
2. CONTRACTOR TO COORDINATE FINAL LOCATION OF PROPOSED WELL #6 WITH OWNER PRIOR TO INSTALLATION.
3. CONTRACTOR TO EXTEND WATER LINE FROM WELL THROUGH VALVE PIT AS NOTED, ALL OTHER PROPOSED WATER LINE TO BE INSTALLED BY OTHERS.
4. CONDUIT FROM EXISTING PULL BOX AT WELL 5 TO PROPOSED PULL BOX AT WELL 6, CONDUIT FROM PROPOSED PULL BOX TO DISCONNECT AT PLATFORM, PROPOSED PULL BOX AND ALL CONDUCTORS BY CONTRACTOR.



ISSUED FOR:	BID	NO	REVISION	DATE
ISSUE DATE:	8/29/2019			
SCALE:	AS SHOWN			
DESIGNED BY:	BRA			
DRAWN BY:	RE			
CHECKED BY:	BRA			

PIKE WATER, INC.
OHIO
PIKE COUNTY
WELL AREA & SITE PLAN

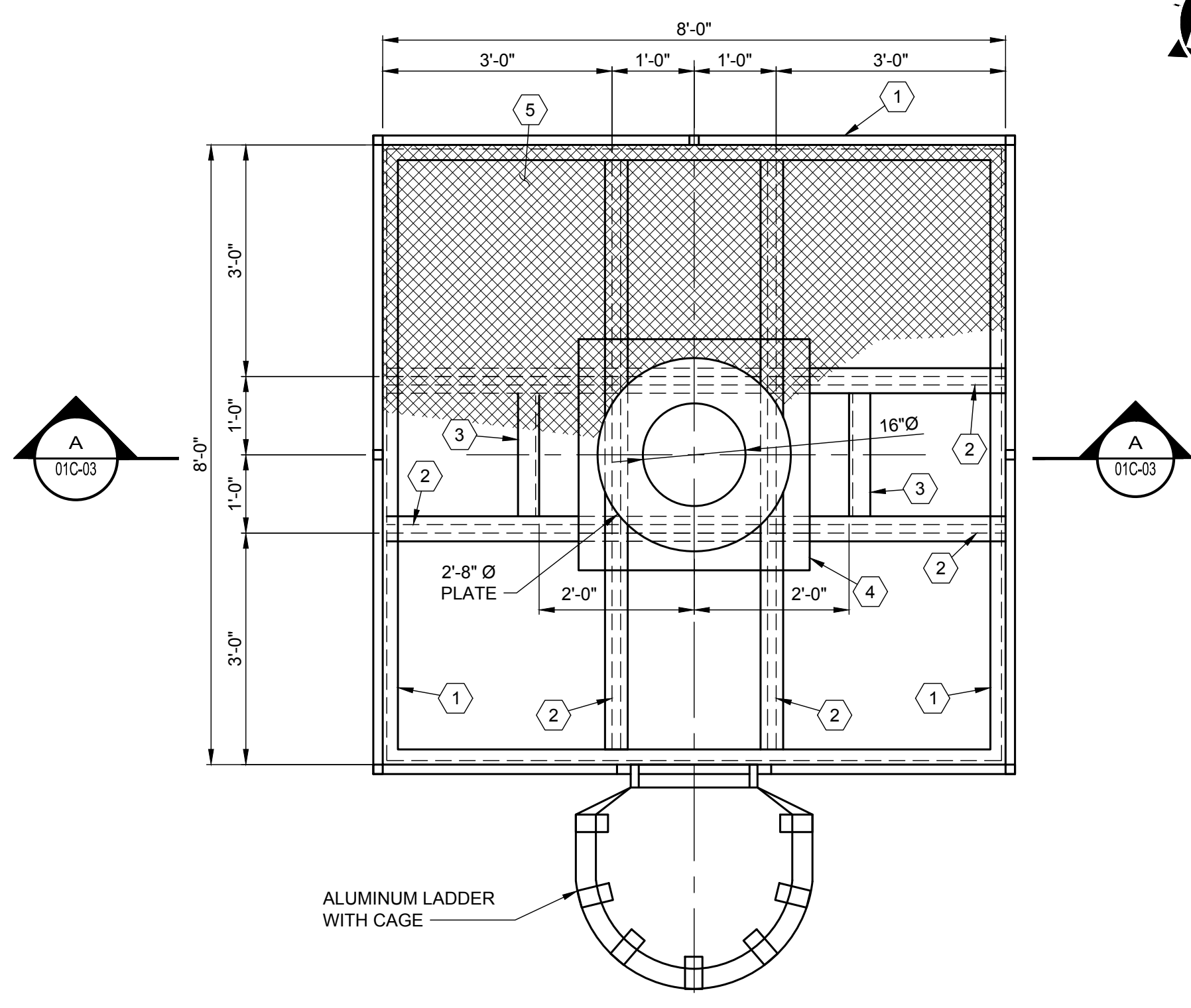
PROJECT NO.	
190276	
DISCIPLINE	
CIVIL	
SHEET NAME	
01C-01	
SHEET	OF
04	7



WELL AND METER PIT SECTION
N.T.S.

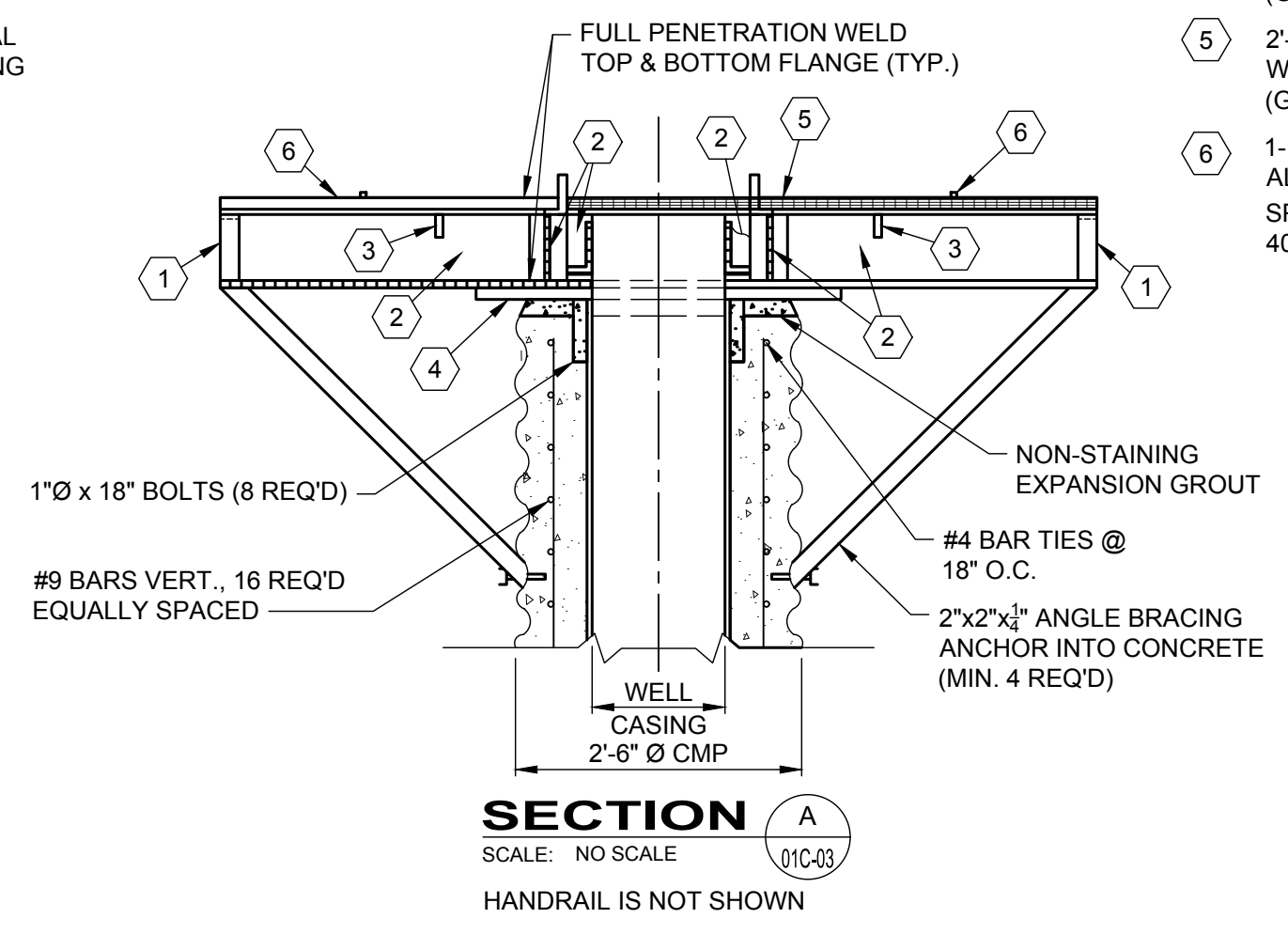
- NOTES:
- REFER TO THIS SHEET FOR ADDITIONAL DETAILS OF VALVE AND METER PIT SECTION.
 - VAULT PENETRATIONS TO ACCOMMODATE 8" PIPING SHALL BE CAST OR HOLE SAWED AT THE OPTION OF THE CONTRACTOR. PIPE SHALL BE INSTALLED THROUGH PENETRATION UTILIZING MODULAR SEAL, LINK-SEAL MODEL "C" OR EQUAL.
 - ELEVATIONS SHOWN HAVE BEEN BASED UPON ADJACENT WELLS. FINAL ELEVATIONS SHALL BE BASED UPON FORMATION DETERMINED AT TIME OF WELL INSTALLATION.
 - HATCH SHALL BE EQUIPPED WITH FLUSH ACCESS HANDLE.

WELL & PUMP CHART										
WELL DATA						PUMP DATA				
WELL No.	TOP SOLE PLATE ELEVATION	GROUND ELEVATION	TOP SCREEN ELEVATION	WELL CASING DIAMETER	BOTTOM WELL SCREEN ELEVATION	PUMPING RATE (GPM)	PUMPING HEAD (FT)	MAX H.P.	DISCHARGE PIPE DIAMETER	ODNR WELL LOG #
6	570.00	541.0±	480.00	16.00	464.00	700	100	25.00	8.00	TBD



WELL PLATFORM STRUCTURAL PLAN
N.T.S.

- 1 C 8x11.5 CHANNEL (GALV.)
- 2 W 8x11.5 BEAM (GALV.)
- 3 3"x3"x1/4" 90° ANGLE (GALV.)
- 4 3'-0" SQ. X 1" STEEL PLATE WITH 16" HOLE IN CENTER (GALV.)
- 5 2'-6" x 3/4" STEEL PLATE WITH 16" HOLE IN CENTER (GALV.)
- 6 1-1/4" x 3/8" RECTANGULAR BAR ALUMINUM GRATING 36" SPW, 1/4" DEFLECTION WITH 400 CONCENTRATED LOAD



SECTION A
SCALE: NO SCALE
HANDRAIL IS NOT SHOWN

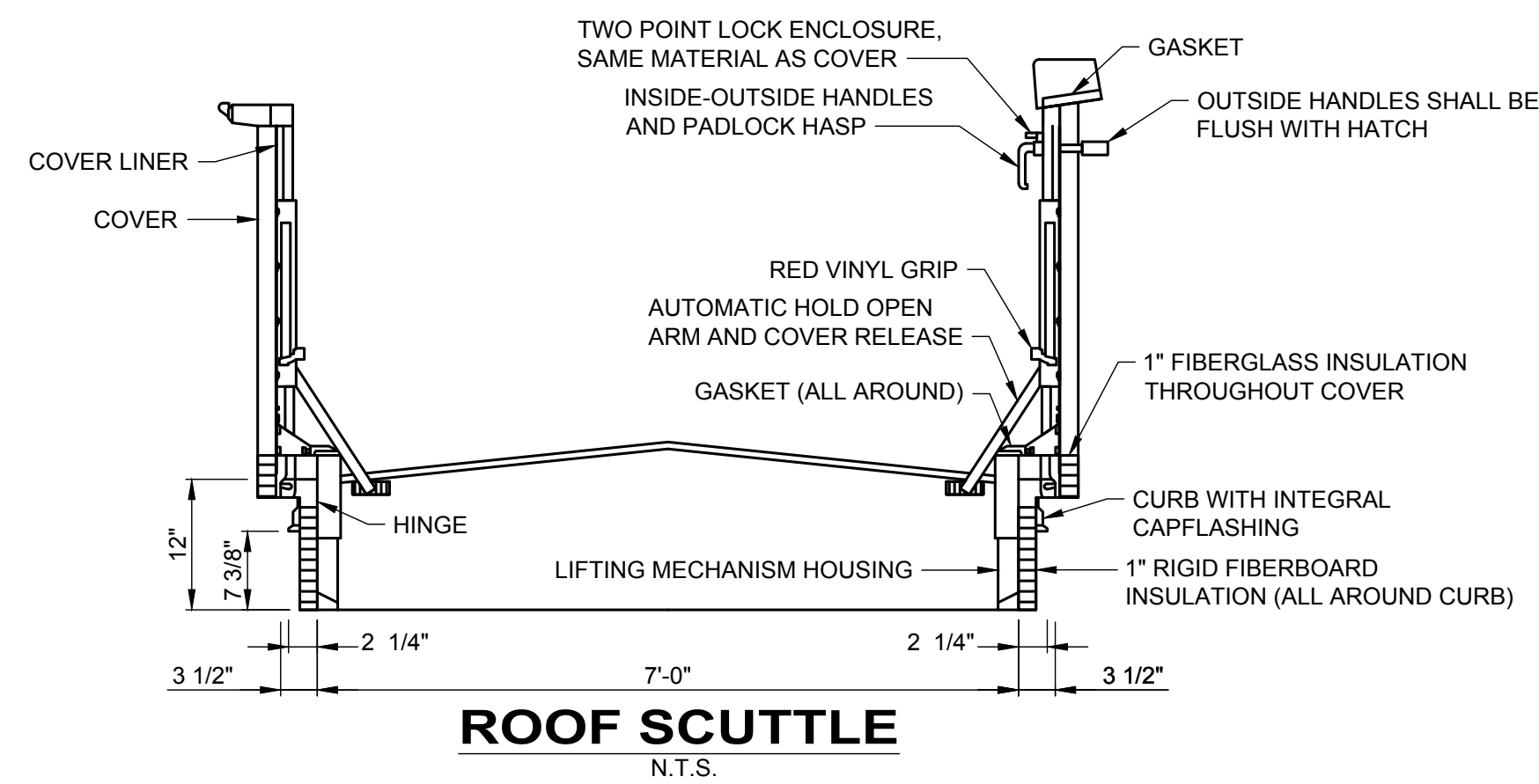
- NOTES:
- CONTRACTOR TO FURNISH AND INSTALL CONDUIT FROM WELL 5 PULL BOX TO NEW PULL BOX. CONDUIT FROM NEW PULL BOX TO WELL DISCONNECT BY CONTRACTOR.
 - ALL CONDUCTORS REQUIRED TO SUPPLY NEW WELL BY CONTRACTOR.
 - LIGHTNING PROTECTION AND WIRING TO BE INSTALLED IN A MANNER PROVIDING PROTECTION FROM POTENTIAL FLOOD DAMAGE.

your trusted advisor
engineers
architects
planners
consultants

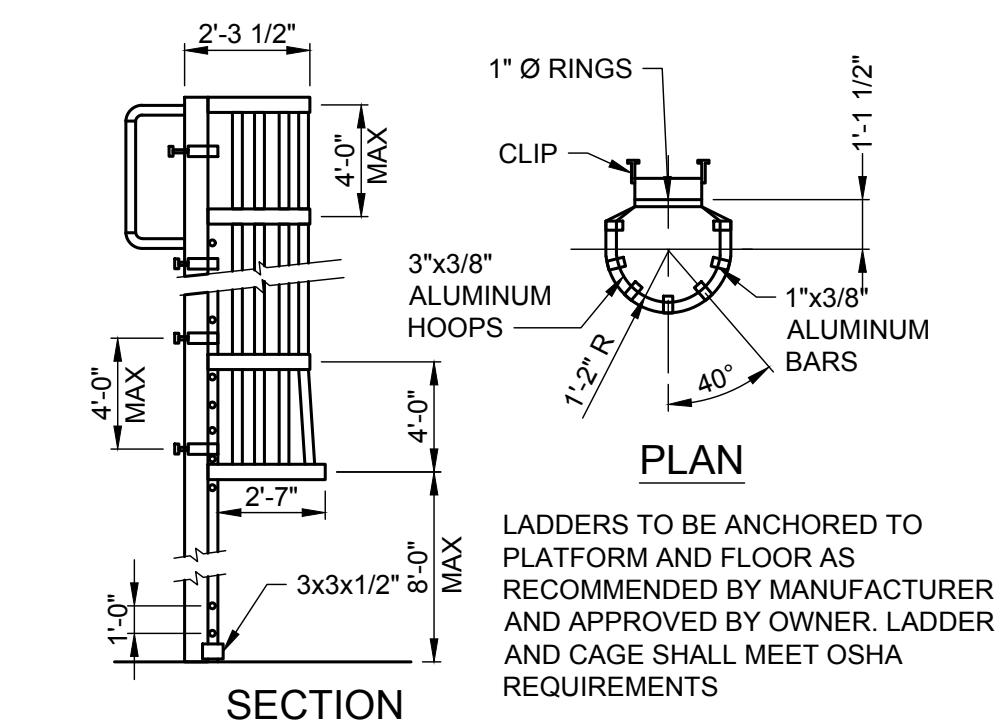
DATE	REVISION	NO	BID	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
			8/29/2019		AS SHOWN				

OHIO
PIKE WATER, INC.
WELL #6
PIKE COUNTY
WELL DETAILS 1

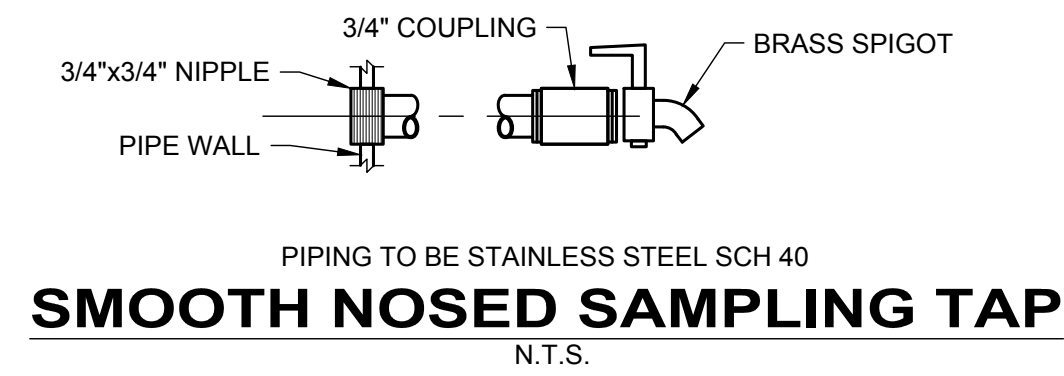
PROJECT NO.	190276
DISCIPLINE	CIVIL
SHEET NAME	01C-02
SHEET	OF
05	7



ROOF SCUTTLE
N.T.S.

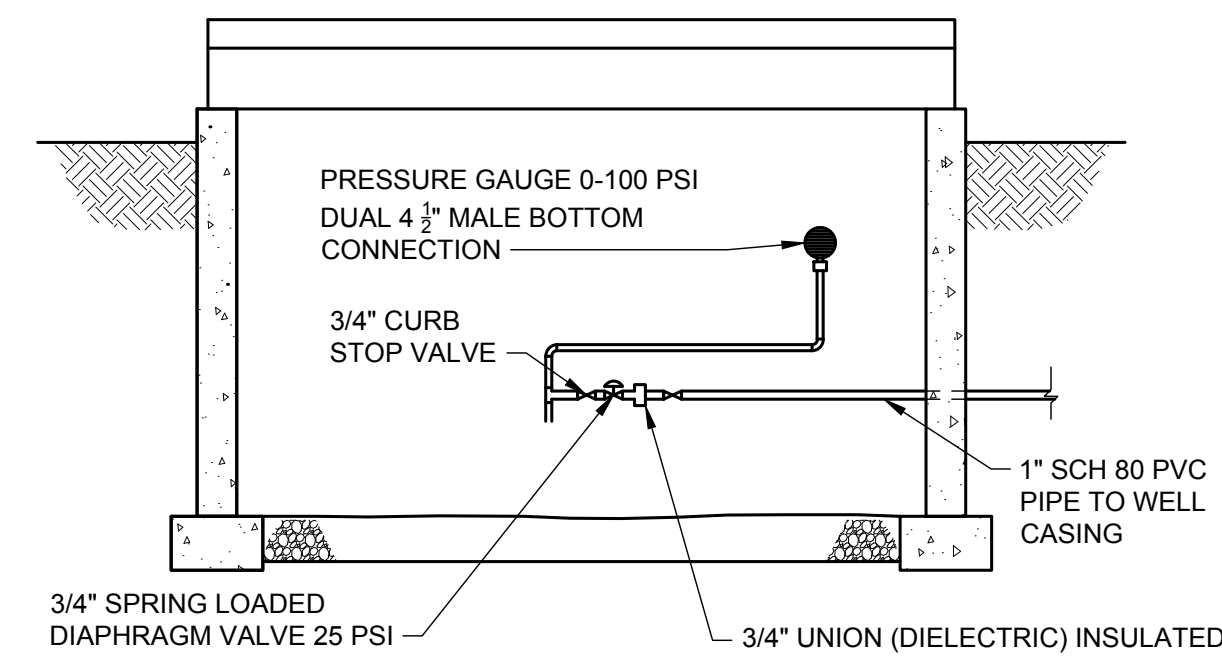
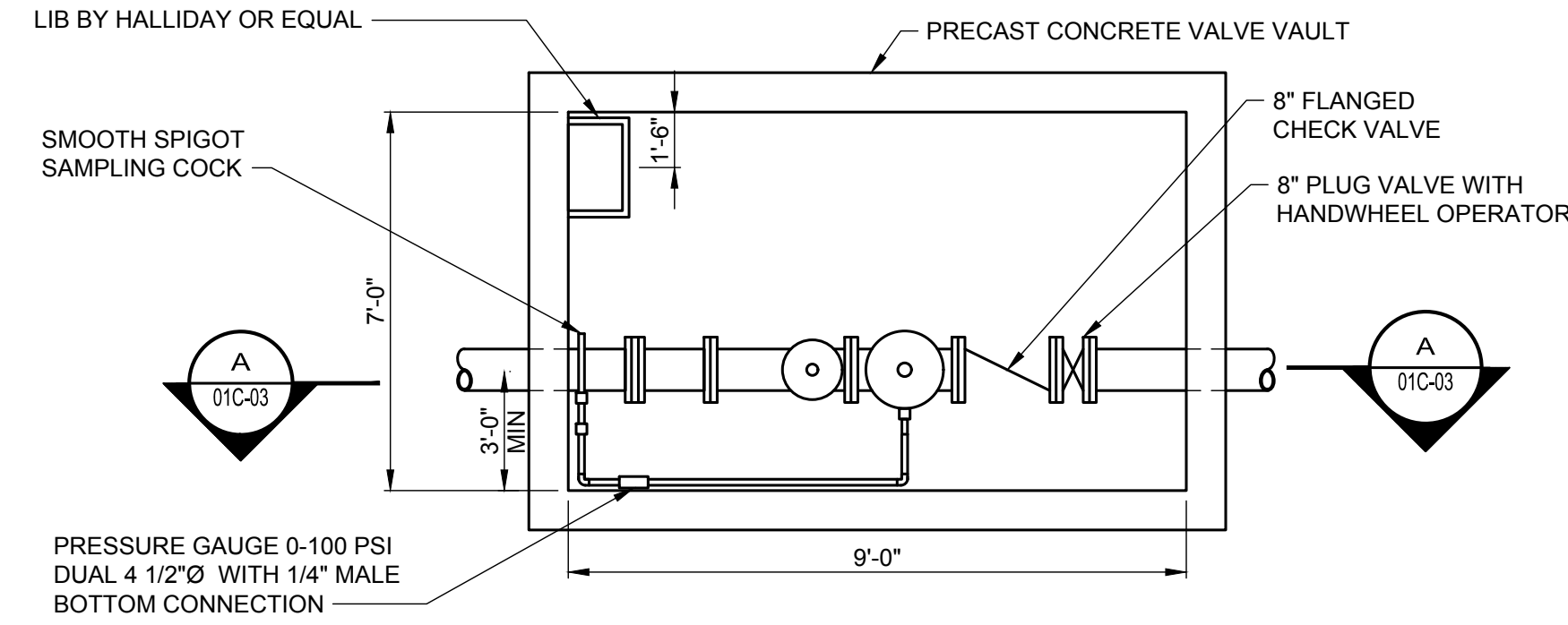


ALUMINUM LADDER AND CAGE
N.T.S.



PIPING TO BE STAINLESS STEEL SCH 40
SMOOTH NOSED SAMPLING TAP
N.T.S.

HEAVY DUTY LADDER ALUMINUM SECURED TO TOP AND BOTTOM OF PIT WITH 12\"/>



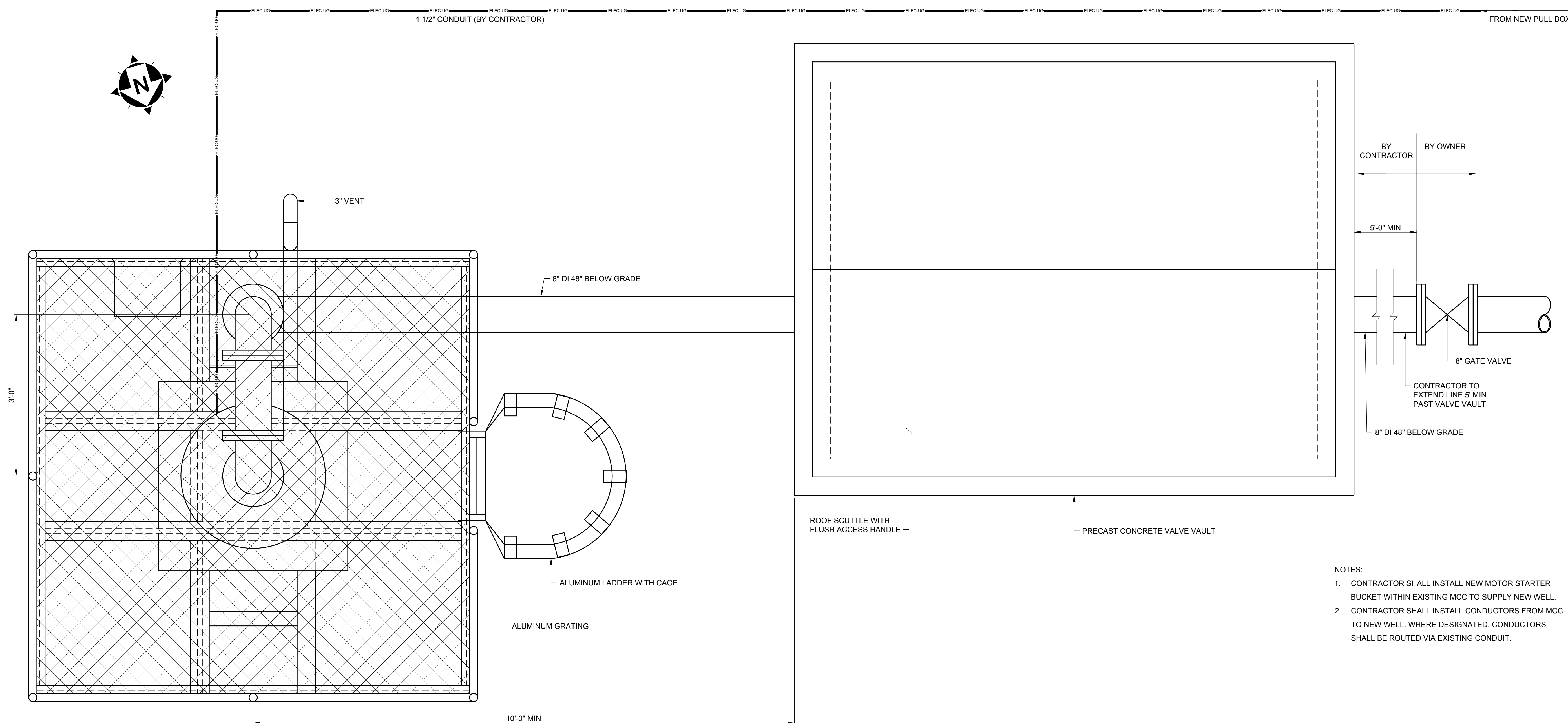
SECTION
SCALE: NO SCALE

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consultants
 engineers
 architects
 planners

NO	REVISION	DATE

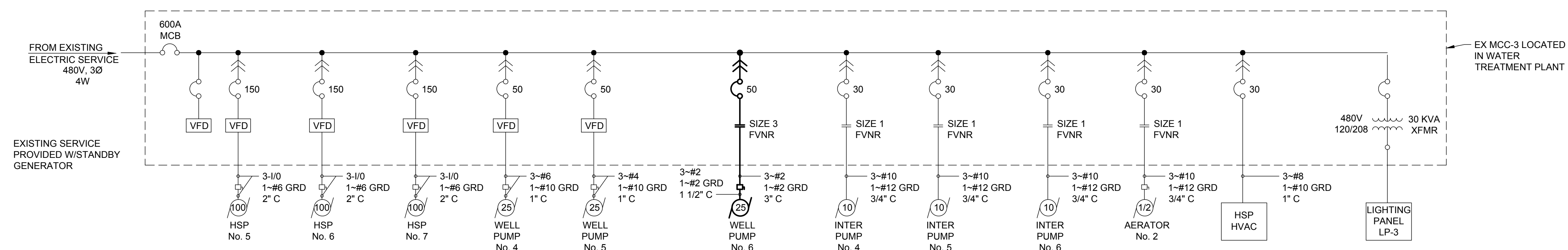
PIKE WATER, INC.
 OHIO
 WELL #6
 PIKE COUNTY
WELL DETAILS 2

PROJECT NO.	190276
DISCIPLINE	CIVIL
SHEET NAME	01C-03
SHEET	OF
06	7

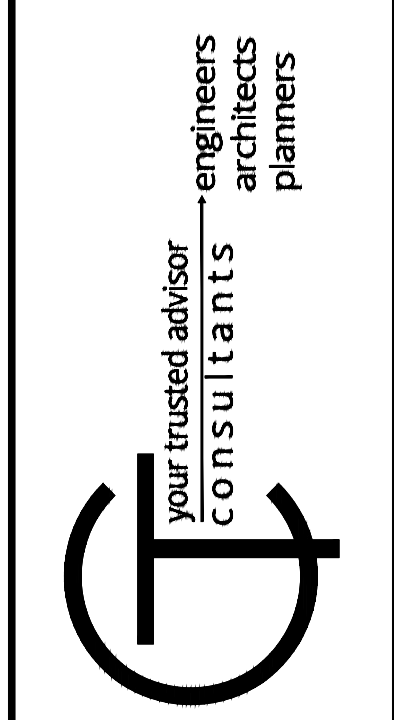


- NOTES:
1. CONTRACTOR SHALL INSTALL NEW MOTOR STARTER BUCKET WITHIN EXISTING MCC TO SUPPLY NEW WELL.
 2. CONTRACTOR SHALL INSTALL CONDUCTORS FROM MCC TO NEW WELL. WHERE DESIGNATED, CONDUCTORS SHALL BE ROUTED VIA EXISTING CONDUIT.

WELL FIELD AREA PLAN
1/4" = 1'-0"



ELECTRICAL SCHEMATIC
NO SCALE



NO	REVISION	DATE

ISSUED FOR:	BID	8/29/2019
ISSUE DATE:	AS SHOWN	
SCALE:	BRA	
DESIGNED BY:	RE	
DRAWN BY:	BRA	
CHECKED BY:	BRA	

PIKE WATER, INC.
WELL #6
OHIO
PIKE COUNTY
WELL DETAILS 3

PROJECT NO.	190276
DISCIPLINE	CIVIL
SHEET NAME	01C-04
SHEET	07
OF	7