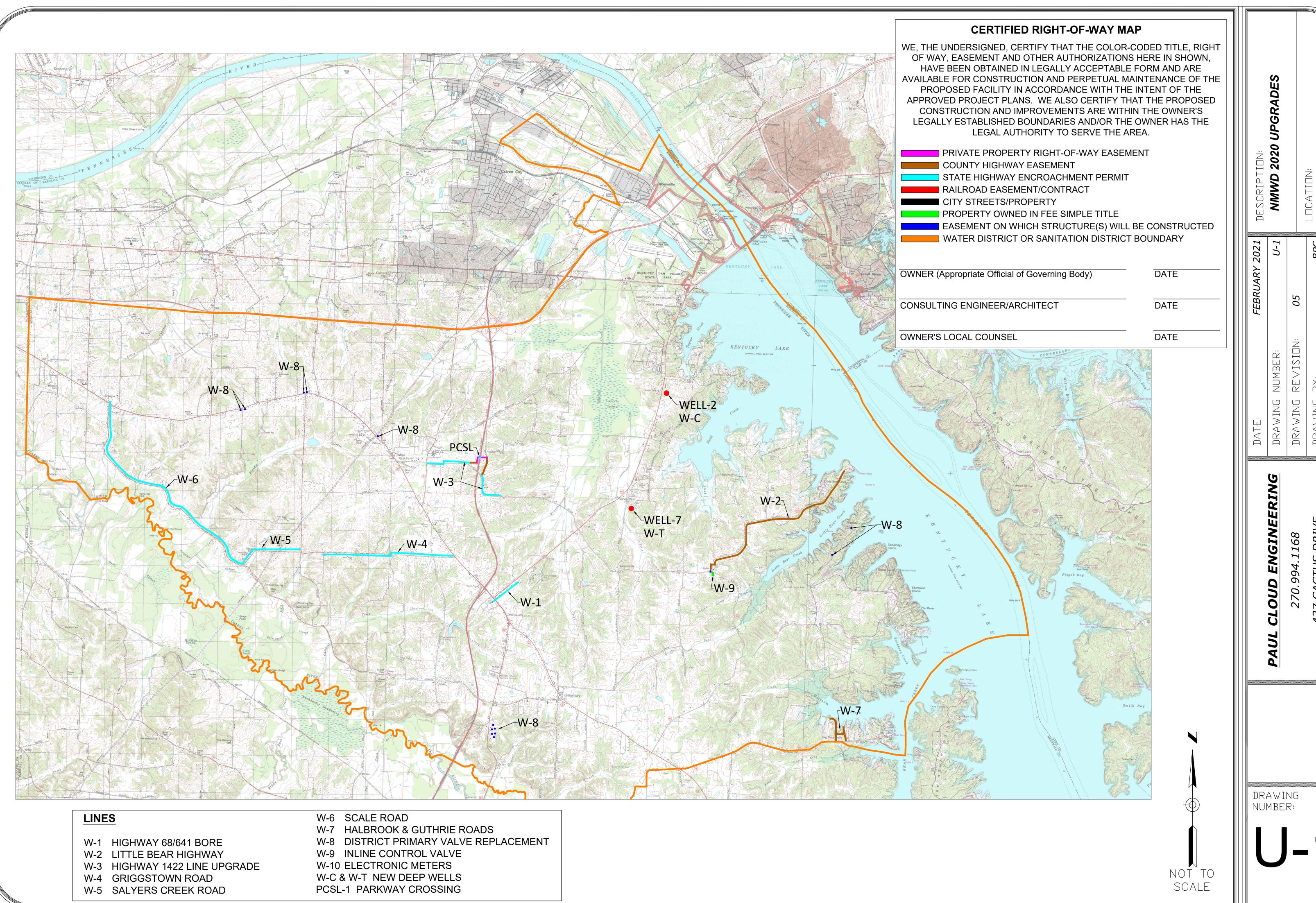
# North Marshall Water Tatumsville Pumping Station

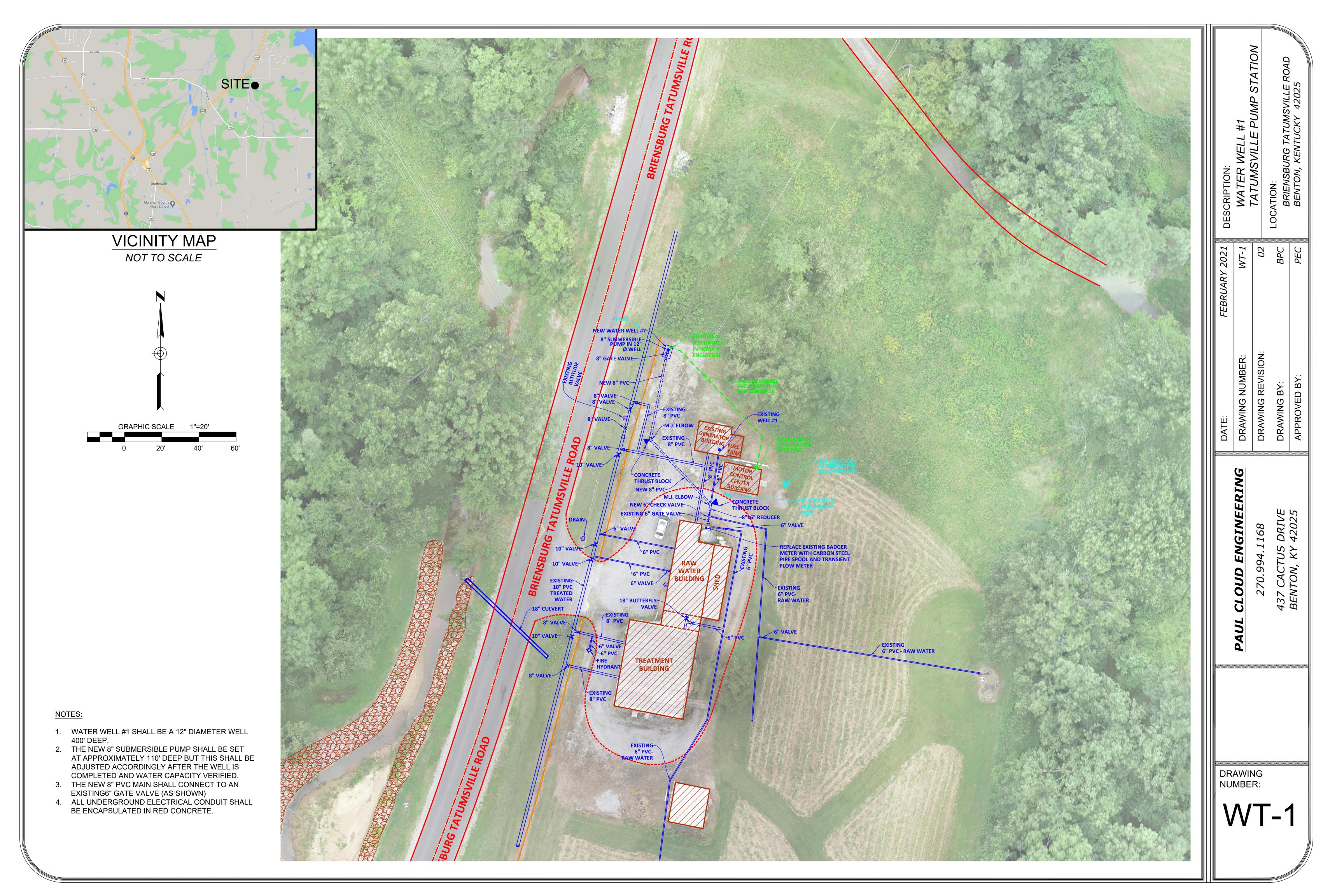
Owner: North Marshall Water District - Benton, KY

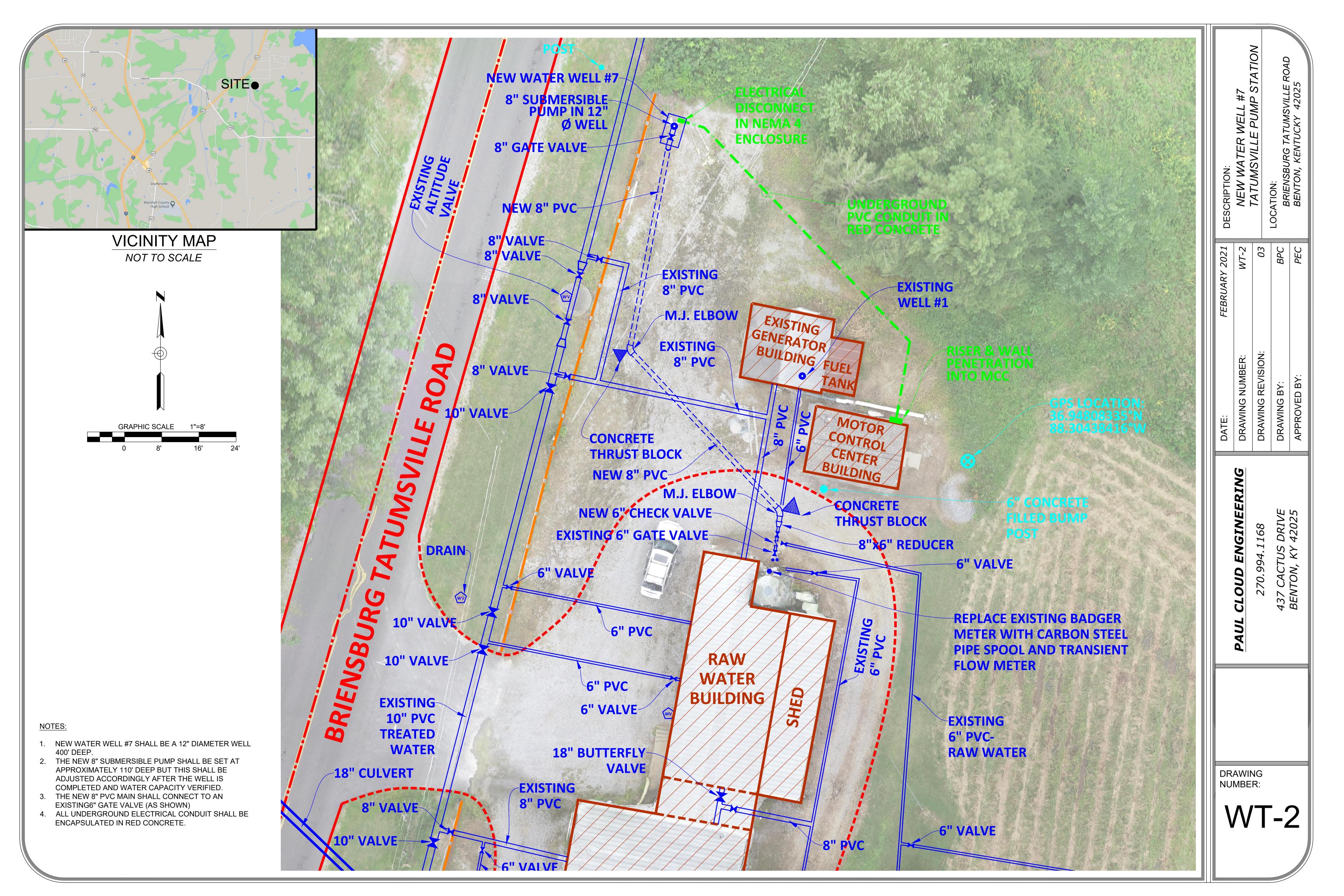
Engineer: Paul Cloud Engineering - Benton, KY

Superintendent: Roger Colburn - Benton, KY



437 CACT BENTON,





#### KENTUCKY WATER WELL DATA - NEARBY WELLS

Well#	AKGWA NUMBER	Latitude	Longitude	PUBLIC ID	Al Number	Quadrangle	County	Construction Date	Status	Primary Use	Surface Elevation	Depth to Bedrock	Total Depth	Static Water Level	Owner_BusinessName	Casing Size	Regulatory Program
1	5067	36.948125	-88.304527	790319	2955	Briensburg	Marshall	1966	ACTIVE	PUBLIC - COMMUNITY	365	100	100	17	North Marshall Water District	10"	Water Withdrawal
2	5068	36.947374	-88.304605	790319	2955	Briensburg	Marshall	1972	ACTIVE	PUBLIC - COMMUNITY	365	100	100	17	North Marshall Water District	10"	Water Withdrawal
3	5069	36.944743	-88.305384	790319	2955	Briensburg	Marshall	1978	ACTIVE	PUBLIC - COMMUNITY	370	100	100	17	North Marshall Water District	12"	Water Withdrawal
4	5070	36.944622	-88.305383	790319	2955	Briensburg	Marshall	1983	ACTIVE	PUBLIC - COMMUNITY	370	100	100	17	North Marshall Water District	8"	Water Withdrawal
5	5071	36.947778	-88.304072	790319	2955	Briensburg	Marshall	1983	ACTIVE	PUBLIC - COMMUNITY	370	100	400		North Marshall Water District	6"	Water Withdrawal
6	5072	36.946548	-88.304105	790319	2955	Briensburg	Marshall		ACTIVE	PUBLIC - COMMUNITY	370	100	400	27	North Marshall Water District	8"	Water Withdrawal

#### SUBMERSIBLE PUMP DATA

	MODEL	Motor Size	"A"	"B"	"C"	One Stage "D"	"E"	OneStage Shaft Lenath	Disch. Sizes	First Stage Weight	Add'I Stage Weiaht
		4	8.25			16.19		12.88		44	
<del>&lt;</del>	SC	6	10.56	4.63		18.50		13.63		49	
		4	8.25			16.38		13.06		44	
	ST	6	10.56	4.81	3.31	18.69	5.64	13.81	3,4	49	13
AA A											
3/3(1//	5RWA	4	8.38	4.00		15.69		13.25		44	-
		6	10.56			17.88		13.75		49	
W(		4	8.44			17.31		13.63		50	
<i>\\\\</i>	6C	6	10.56	5.13		19.44	6.28	14.25		55	17
		8	12.50		3.75	21.38		15.38	3,4,5	60	
	6DH	4	4.94	5.50		14.19	5.88	10.63		41	16
3.63		6	9.75	3.30		19.00		13.75		53	10
	6RA	6	10.56	3.75		18.06	5.94	12.88	3.4	90	20
	70	6	12.88	6 20	,	22.88	7.50	18.50	5,6	75	20
	7C	8	14.56	6.38	/	24.56	7.50	19.25	3,0	87	- 28
	7RA	6	8.44	4.50	/	16.56	7.90	11.50	3,4	105	28
		6	12.88			23.59		19.06	/	78	
	<b>7</b> T	8	14.56	7.09		25.28		19.94		90	31
		6	12.88			22.00	7.50	17.75		68	
	7WA	8	14.56	5.50		23.69		18.50		80	30
		6	12.88			24.75		20.50	6	125	
	8FD	8	14.56	8.25	3.63	26.43		21.37		137	34
		6	12 .88		3.03	22.88		18.13		90	
	81			6.38							33
		8	14.56			24.56		18.88	/	102	
	BRA	6	12.88	5.00		21.50	7.90	17.25	4,5,6	165	36
		8	14.56		. /	23.19		18.13		177	
	8RJ	6	12.88	6.50		23.00		17.50	5,6	90	34
26.43		8	14.56		1	24.69		18.88		102	
	9RA	6	12.88	5.50		22.00		17.50	4,5,6	185	46
		8	14.56			23.69		18.50		197	
		6	15.13			28.13		24.25		194	
	9RC	8	13.25	8.50		26.25		21.50		206	64
8.25		10	13.25			26.25		20.50		206	
		6	15.13			28.88		25.00		200	
	9T	8	13.25	9.25		27.00	9.81	22.25	5,6,8	212	70
		10	13.25			27.00		21.25		212	
		6	15.13			26.25		22.38		158	
	9WA	8	13.25	6.63		24.38		19.63		170	58
		10	13.25			24.38		18.63		170	
		8	13.25			27.00		22.00		185	
	10DH	10	13.25	9.25	4.50	27.00		22.00	6,8	190	65
14.56		12	13.25			27.00		21.00		190	1
		6	15.13			26.25		22.38		280	
	10RA	8	13.25	6.63		24.38		19.63	4,6,8	285	76
	_5.01	10	13.25	1 3.00		24.38		18.63	,-, <del>-</del>	285	"
14.56		6	15.13			28.03	10.00	23.38		187	
000000	10RJ	8	13.25	8.40		26.15		20.75	6,8	192	60
	1010	10	13.25	0.40		26.15		19.75	0,0	192	_ 00
	10\\/	6	15.13	7.62		27.25		23.38	160	183	E.C.
	10WA	8	13.25	7.63		25.38		20.63	4,6,8	188	56
		10	13.25			25.38		19.63		188	
	<b>.</b>	8	13.25	<u>.</u>		28.25	د د	23.75		•	
	11C	10	13.25	9.88	5.13	28.25	11.50	23.75		285	97
		12	13.25			28.25		22.75	6,8,10		
		6	14.44			28.31		24.25			
	11RA	8	13.25	8.00	5.88	27.13	12.10	22.25		415	103
		10	13.25			27.13		21.25			

#### ADJOINING WATER WELL DATA

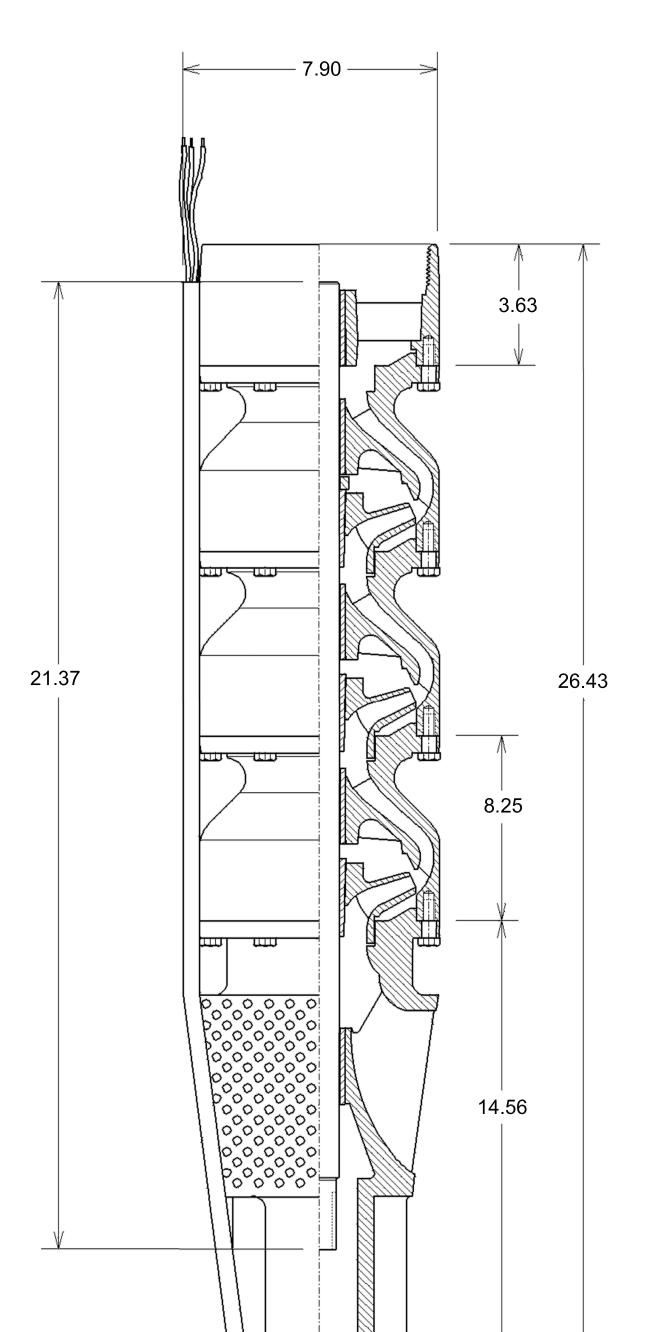
Well #	AKGWA	Feet Belo	w Surface	Hole Diameter	Casing (ID)	Casing Type	Well Yield	Feet Belov	v Surface	Description		
WCII II	NUMBER	From	То		Diameter	casing Type	(GPM)	From	То			
1	5067	0	80'		10"	Steel	600	0	60'	Clay & Gravel Mix		
		80'	100'		10"	Steel w/screen		60'	100'	White Fine Sand		
								100'		Bedrock		
							* 80' Draw					
							Down					
2	5068	0	70'		10"	Steel	500	0	60'	Clay & Gravel Mix		
		70'	100'		10"	Steel w/screen		60'	100'	White Fine Sand		
								100'		Bedrock		
							* 70' Draw					
							Down					
3	5069	0	70'		12"	Steel	520	0	60'	Clay & Gravel Mix		
		70'	100'		12"	Steel w/screen		60'	100'	White Fine Sand		
								100'		Bedrock		
							* 70' Draw Down					
4	5070	0	70'		6"	Plastic	160	0	60'	Clay & Gravel Mix		
	3070	70'	100'		6"	Plastic w/screen	100	60'	100'	White Fine Sand		
		70	100			riastic wysercen		100'	100	Bedrock		
								100		Dearock		
5	5071				6"		200	0	100'	Sandy Clay		
	0072							100'		Boulder Zone		
								100'	360'	Limestone		
								360'	377'	Fractured Limestone		
								377'	400'	Limestone		
	5072				8"	Steel	870	0	100'	Sand & Clay		
6	5072					Steel w/screen	870		100			
					7.625"	Steel W/Scieell		100'	367'	Boulder Zone		
								367'	387'	Limestone Fractured Limestone		
								387'	400'			
							* 106' Draw Down	30/	400	Limestone		

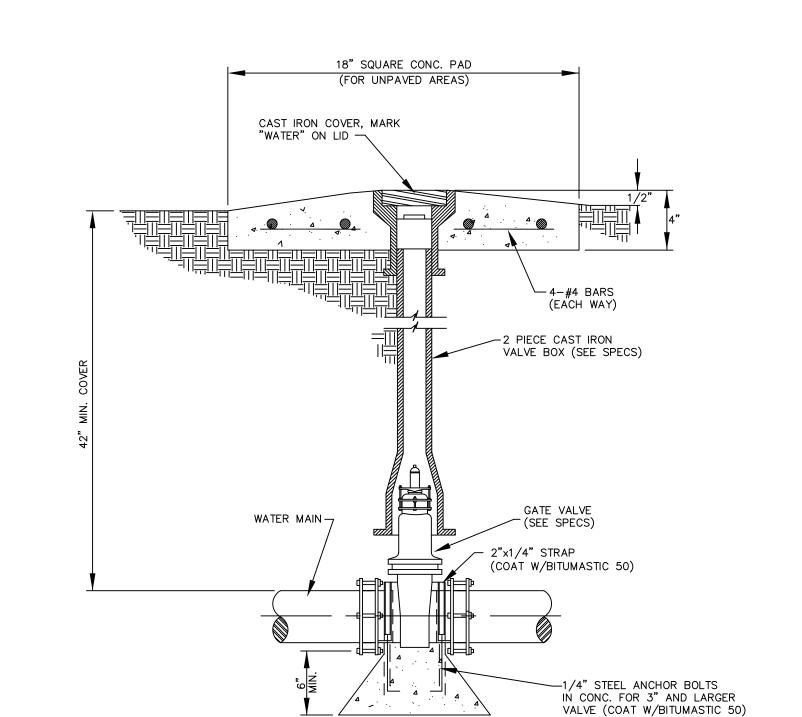
SCRIPTION:

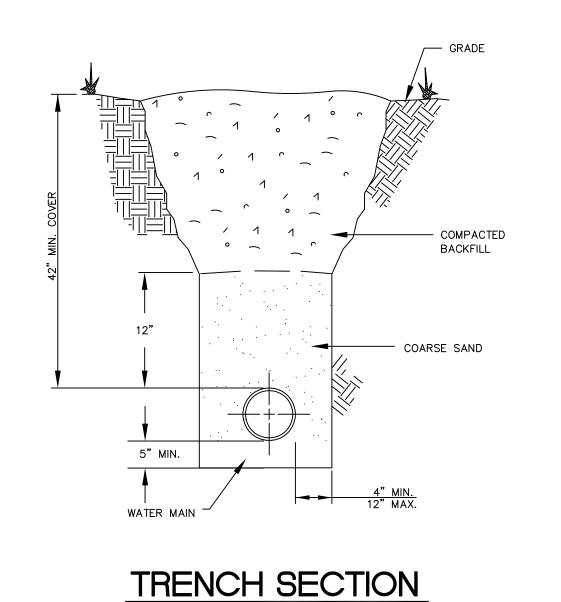
WATER WELL #7 - DETAIL

TATUMSVILLE PUMP STATION CATION: BRIENSBURG TATUMSVILLE ROAD BENTON, KENTUCKY 42025 SEPTEMBER 2020 WT-3 01 DATE:
DRAWING NUMBER:
DRAWING REVISION:
DRAWING BY:
APPROVED BY:

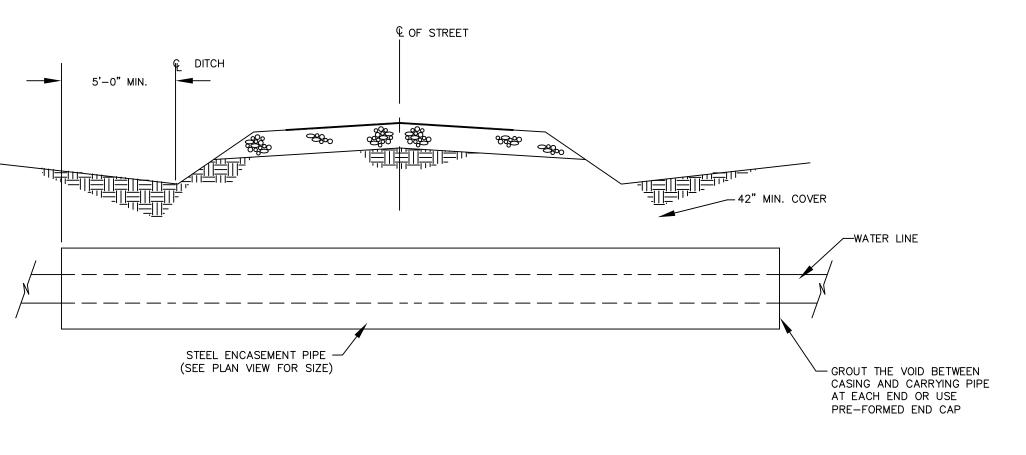
DRAWING NUMBER:

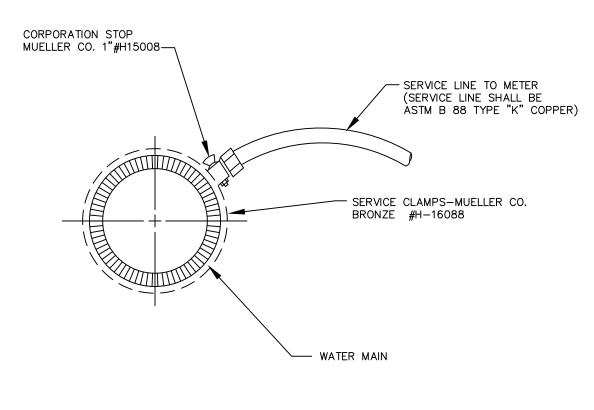






SCALE: N.T.S.

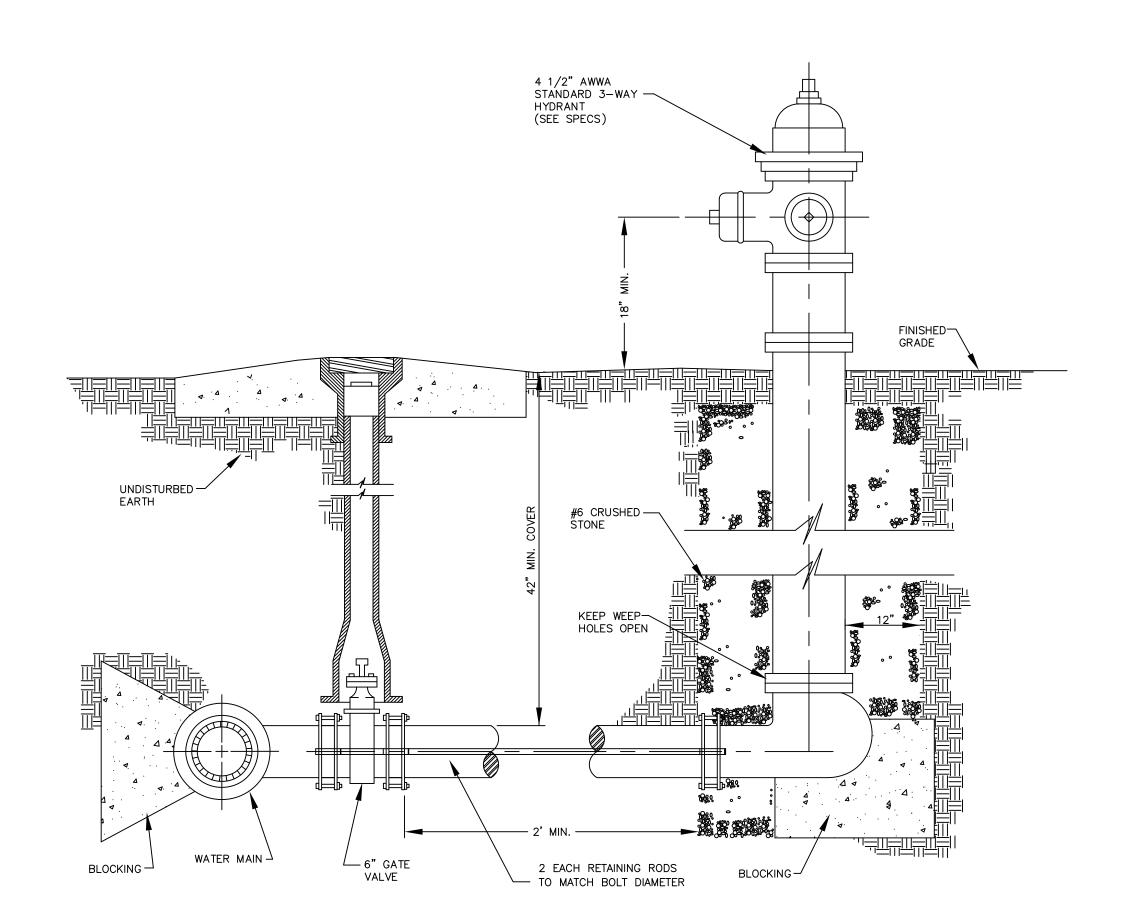


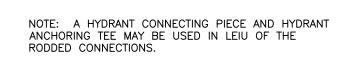


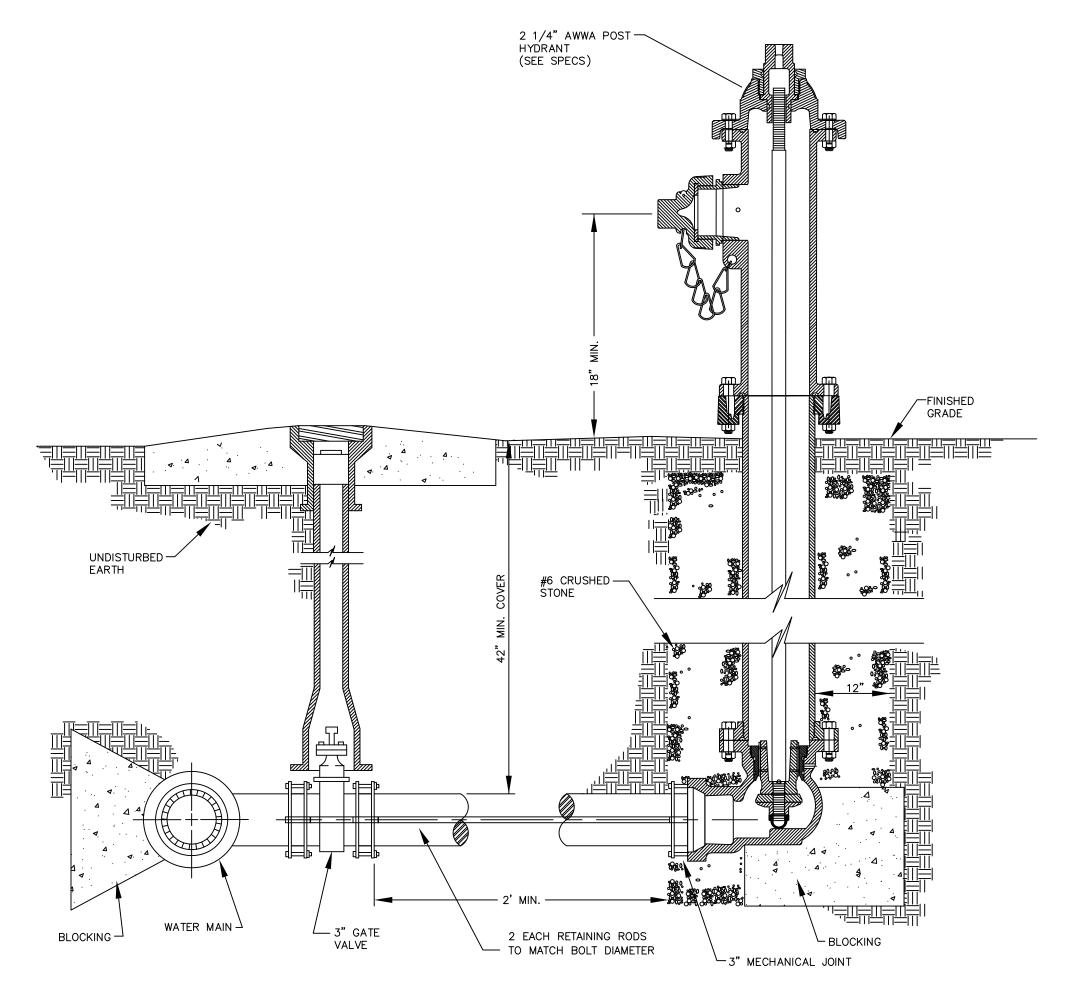
WATER MAIN
TAPPING DETAIL
SCALE: N.T.S.

## PIPE CROSSING UNDER EXISTING PAVED STREET (AS NOTED ON DRAWING)

### GATE VALVE

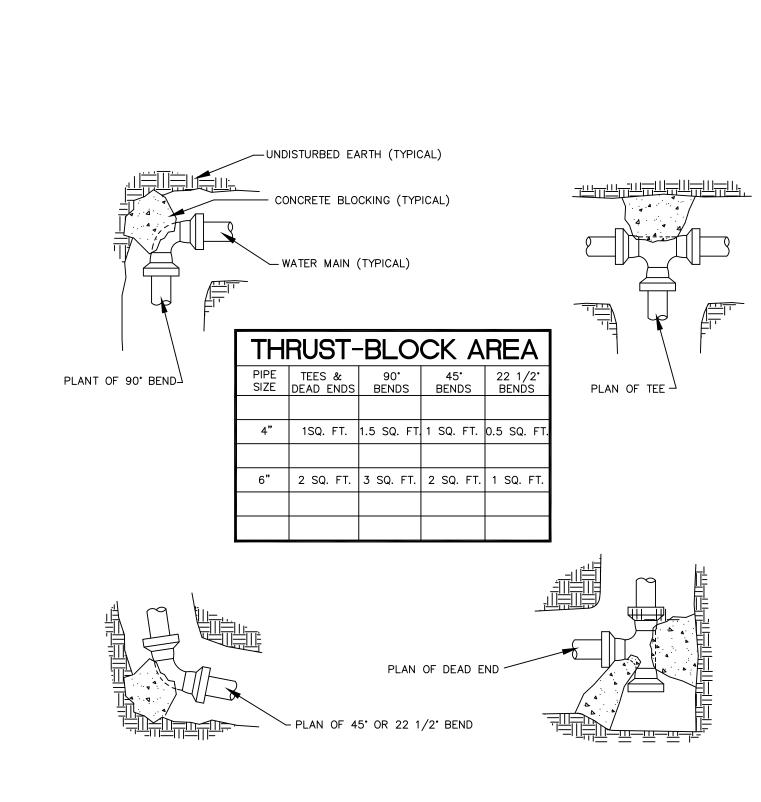






NOTE: A HYDRANT CONNECTING PIECE AND HYDRANT ANCHORING TEE MAY BE USED IN LEIU OF THE RODDED CONNECTIONS.

SECTIONAL ELEVATION: POST FLUSH HYDRANT SCALE: N.T.S.



STANDARD DETAILS

WATER

DISTRIBUTION

SYSTEM

DETAIL

STANDARD

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DISTRIBU

02-18-21

REV	DATE
1	01-18-18

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