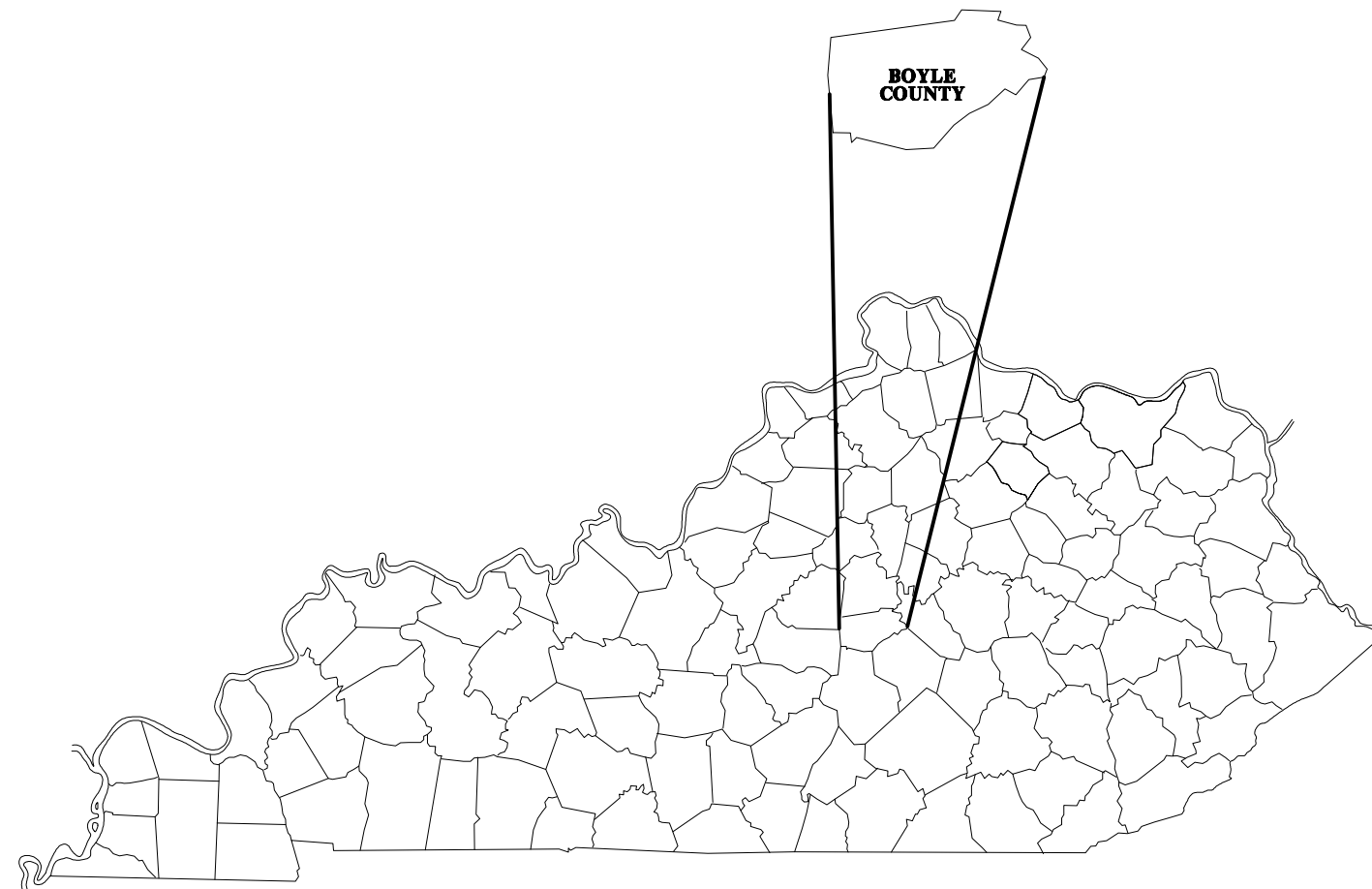


# PARKSVILLE WATER DISTRICT 2021 SYSTEM IMPROVEMENTS PROJECT BOYLE COUNTY, KENTUCKY



**FEBRUARY 2026  
BIDDING SET  
HMB PROJECT NO. 4337.00**

*Nick Pilcher*



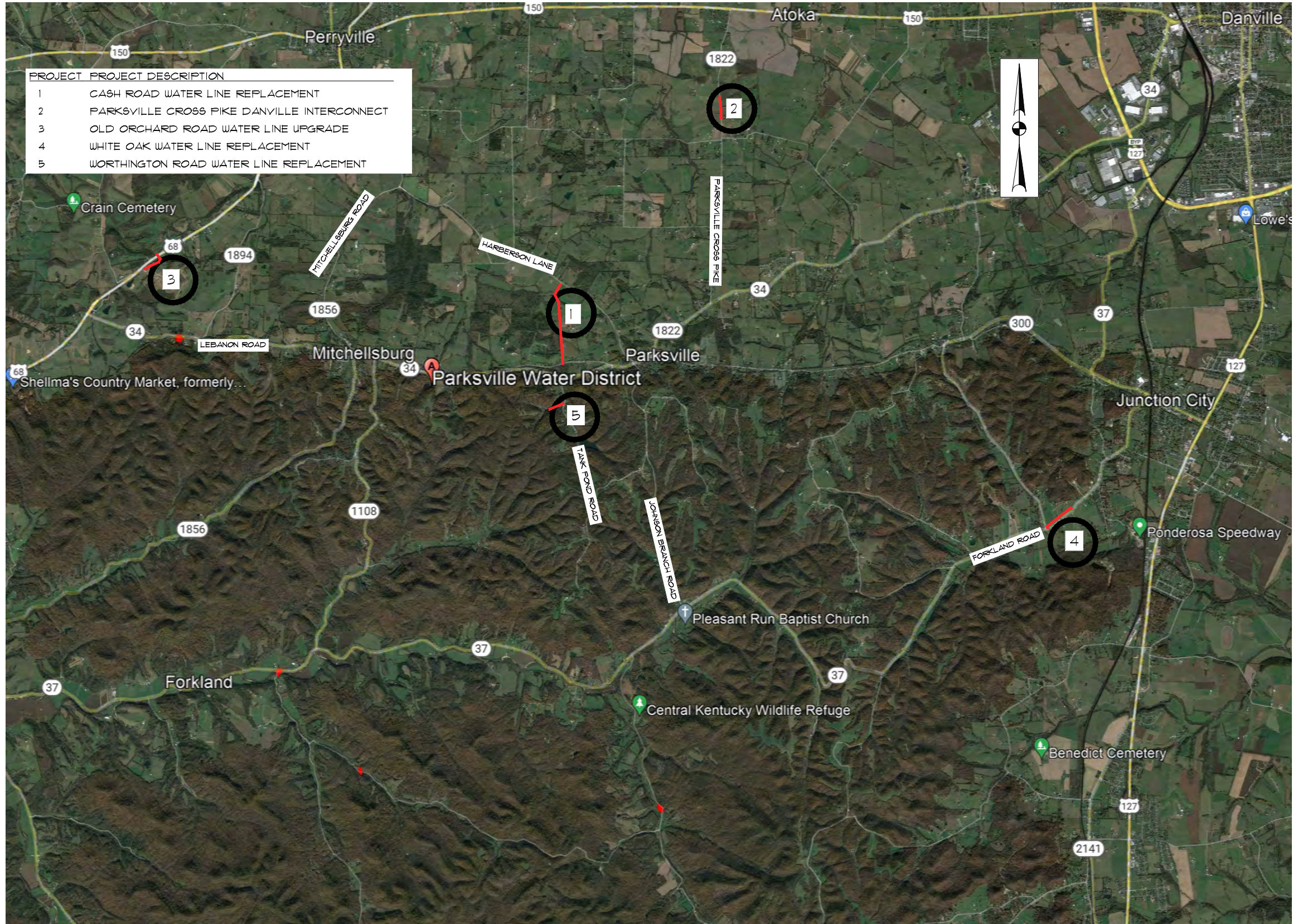
**NICHOLAS PILCHER, P.E.  
KENTUCKY REGISTRATION NO. 37758**

Plans Prepared By:



3 HMB Circle  
Frankfort, Kentucky (502)695-9800  
Fax (502)695-9810





PROJECT NO.	PROJECT DESCRIPTION
1	CASH ROAD WATER LINE REPLACEMENT
2	PARKSVILLE CROSS PIKE DANVILLE INTERCONNECT
3	OLD ORCHARD ROAD WATER LINE UPGRADE
4	WHITE OAK WATER LINE REPLACEMENT
5	WORTHINGTON ROAD WATER LINE REPLACEMENT

NO.	DATE	REVISIONS	NAP CHK'D	EGB APPR'D	DATE
1	02/26	BIDDING SET			02/26

PROJECT: 4331.00 DATE: FEB. 2026		
DESIGNED BY	NAME	DATE
DRAWN BY	NAME	DATE
CHECKED BY	NAME	DATE
RECORD DWGS.		



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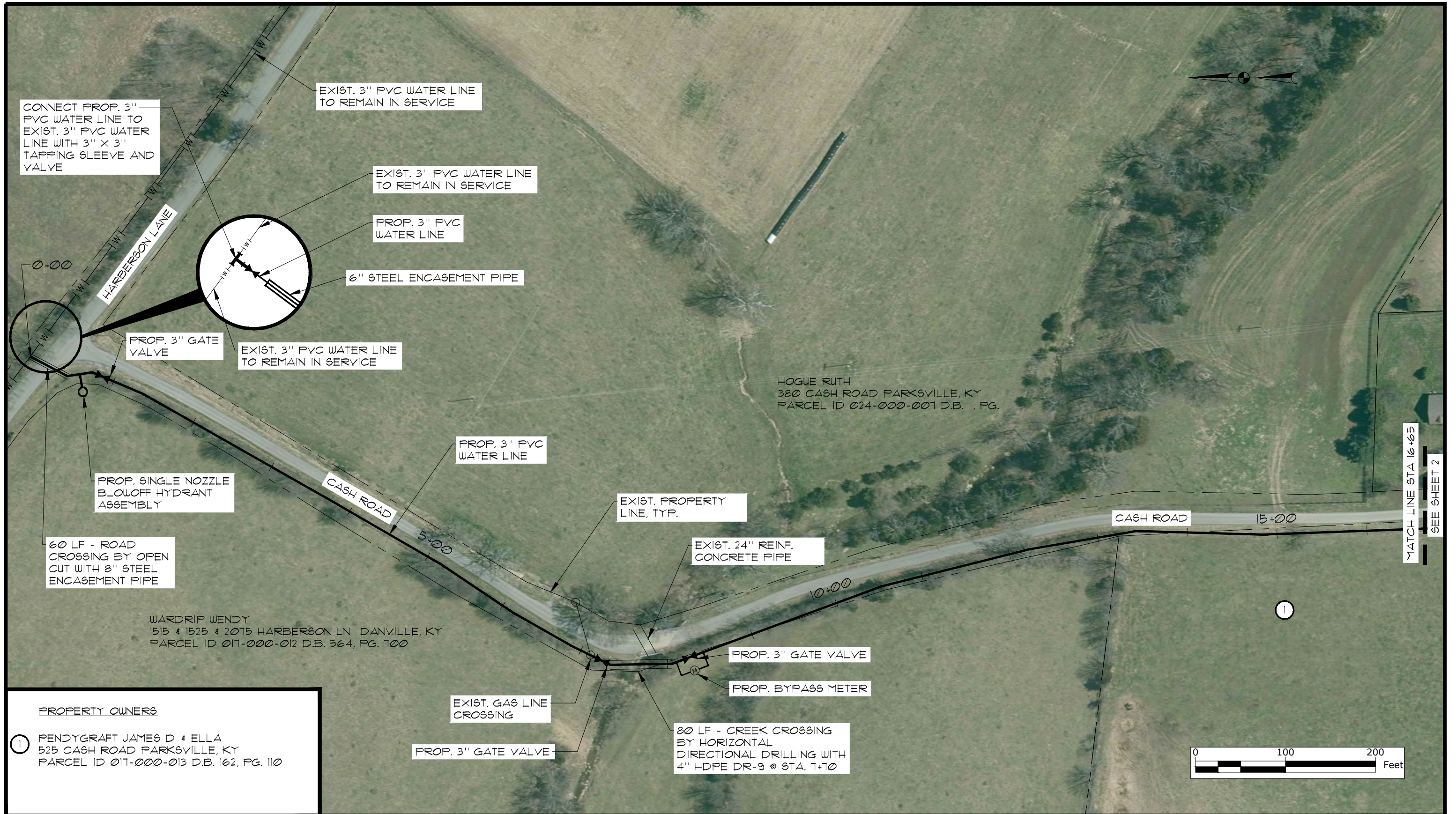


**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**

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**LOCATION MAP**

SHEET  
LM



CONNECT PROP. 3" PVC WATER LINE TO EXIST. 3" PVC WATER LINE WITH 3" X 3" TAPPING SLEEVE AND VALVE

EXIST. 3" PVC WATER LINE TO REMAIN IN SERVICE

EXIST. 3" PVC WATER LINE TO REMAIN IN SERVICE

PROP. 3" PVC WATER LINE

6" STEEL ENCASEMENT PIPE

PROP. 3" GATE VALVE

EXIST. 3" PVC WATER LINE TO REMAIN IN SERVICE

PROP. SINGLE NOZZLE BLOWOFF HYDRANT ASSEMBLY

60 LF - ROAD CROSSING BY OPEN CUT WITH 8" STEEL ENCASEMENT PIPE

PROP. 3" PVC WATER LINE

EXIST. PROPERTY LINE, TYP.

EXIST. 24" REINF. CONCRETE PIPE

WARDRIP WENDY  
1515 & 1525 & 2075 HARBERSON LN DANVILLE, KY  
PARCEL ID 017-000-012 D.B. 564, PG. 100

PROP. 3" GATE VALVE

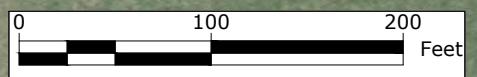
PROP. BYPASS METER

EXIST. GAS LINE CROSSING

80 LF - CREEK CROSSING BY HORIZONTAL DIRECTIONAL DRILLING WITH 4" HDPE DR-9 @ STA. 7+10

PROP. 3" GATE VALVE

MATCH LINE STA 16+65  
SEE SHEET 2



**PROPERTY OWNERS**

① PENDYGRAFT JAMES D & ELLA  
525 CASH ROAD PARKSVILLE, KY  
PARCEL ID 017-000-013 D.B. 162, PG. 110

NO.	DATE	REVISIONS	NAP	BGB	DATE
1	02/26	BIDDING SET	NAP	BGB	02/26
			CHK'D	APPR'D	

PROJECT: 4337.00 DATE: FEB. 2026  
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
	NAP	02/26
	DPS	02/26
	BGB	02/26

CHECKED BY: BGB  
RECORD DWGS.



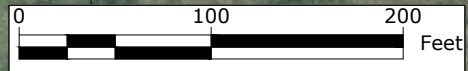
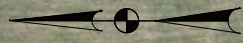
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**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**

**CASH ROAD WATER LINE REPLACEMENT  
PLAN SHEET STA. 0+00 TO STA. 16+65**

SHEET  
1



**PROPERTY OWNERS**

① HOGUE STEVEN & GENEVA W/S  
580 CASH ROAD PARKSVILLE, KY  
PARCEL ID 024-000-156 D.B. 261, PG. 338

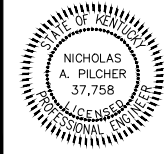
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1	02/26				02/26

PROJECT: 4337.00 DATE: FEB. 2026  
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
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DRAWN BY	DPS	02/26
CHECKED BY	BGB	02/26
RECORD DWGS.		



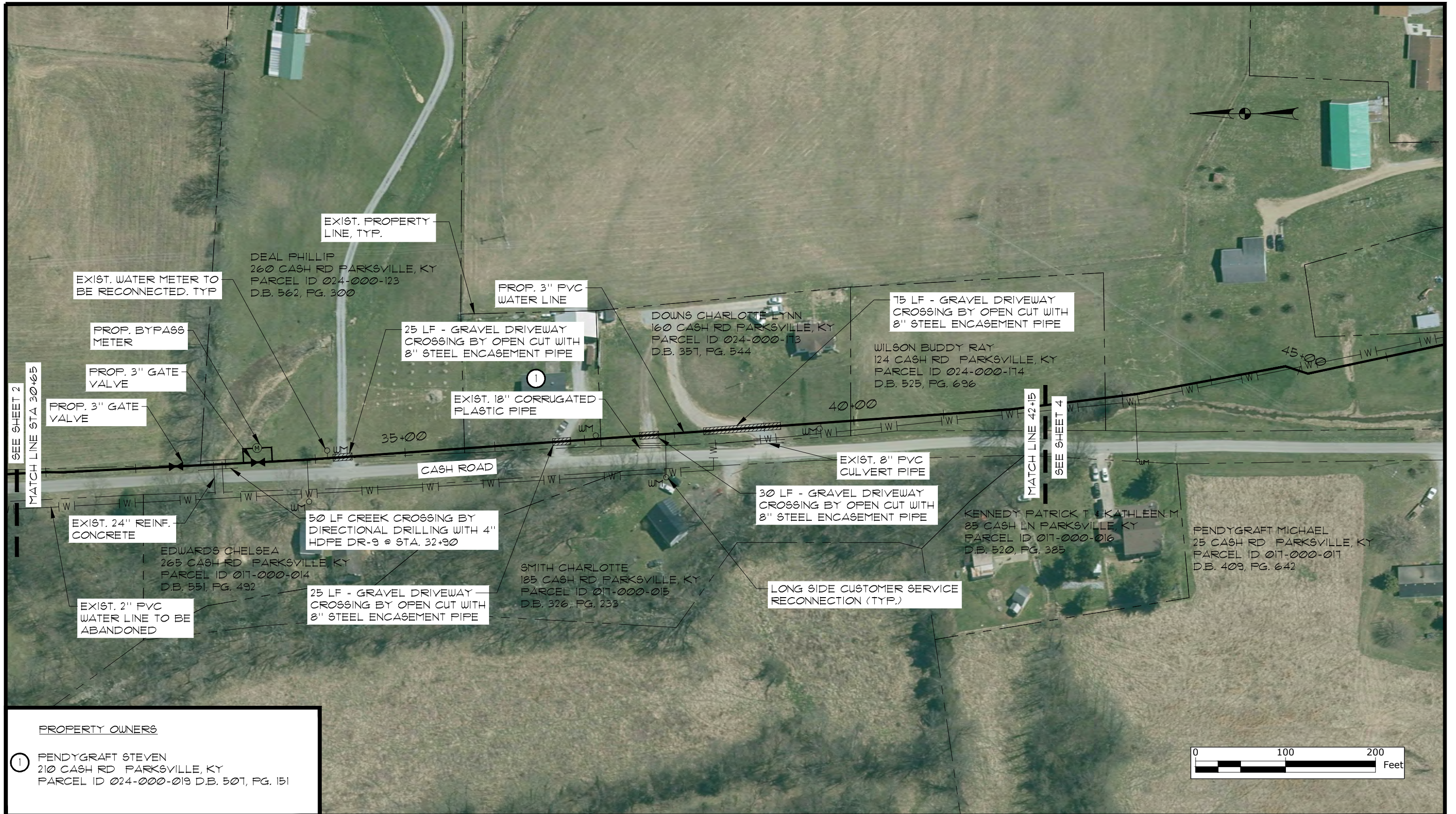
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**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**

**CASH ROAD WATER LINE REPLACEMENT  
PLAN SHEET STA. 16+65 TO STA. 30+65**

SHEET  
2



EXIST. WATER METER TO BE RECONNECTED. TYP.

PROP. BYPASS METER

PROP. 3" GATE VALVE

PROP. 3" GATE VALVE

EXIST. PROPERTY LINE, TYP.

DEAL PHILLIP  
260 CASH RD PARKSVILLE, KY  
PARCEL ID 024-000-123  
D.B. 562, PG. 300

PROP. 3" PVC WATER LINE

25 LF - GRAVEL DRIVEWAY CROSSING BY OPEN CUT WITH 8" STEEL ENCASEMENT PIPE

OWNS CHARLOTTE LYNN  
160 CASH RD PARKSVILLE, KY  
PARCEL ID 024-000-173  
D.B. 357, PG. 544

15 LF - GRAVEL DRIVEWAY CROSSING BY OPEN CUT WITH 8" STEEL ENCASEMENT PIPE

WILSON BUDDY RAY  
124 CASH RD PARKSVILLE, KY  
PARCEL ID 024-000-174  
D.B. 525, PG. 696

EXIST. 18" CORRUGATED PLASTIC PIPE

40+00

EXIST. 8" PVC CULVERT PIPE

30 LF - GRAVEL DRIVEWAY CROSSING BY OPEN CUT WITH 8" STEEL ENCASEMENT PIPE

KENNEDY PATRICK T. & KATHLEEN M.  
85 CASH LN PARKSVILLE, KY  
PARCEL ID 017-000-016  
D.B. 520, PG. 385

PENDYGRAFT MICHAEL  
25 CASH RD PARKSVILLE, KY  
PARCEL ID 017-000-017  
D.B. 409, PG. 642

CASH ROAD

50 LF CREEK CROSSING BY DIRECTIONAL DRILLING WITH 4" HDPE DR-9 @ STA. 32+90

SMITH CHARLOTTE  
185 CASH RD PARKSVILLE, KY  
PARCEL ID 017-000-015  
D.B. 326, PG. 233

LONG SIDE CUSTOMER SERVICE RECONNECTION (TYP.)

EXIST. 24" REINF. CONCRETE

EDWARDS CHELSEA  
265 CASH RD PARKSVILLE, KY  
PARCEL ID 017-000-014  
D.B. 551, PG. 492

EXIST. 2" PVC WATER LINE TO BE ABANDONED

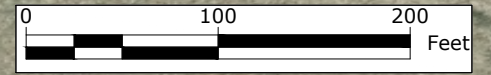
25 LF - GRAVEL DRIVEWAY CROSSING BY OPEN CUT WITH 8" STEEL ENCASEMENT PIPE

SEE SHEET 2  
MATCH LINE STA 30+65

MATCH LINE 42+15  
SEE SHEET 4

PROPERTY OWNERS

① PENDYGRAFT STEVEN  
210 CASH RD PARKSVILLE, KY  
PARCEL ID 024-000-019 D.B. 507, PG. 151



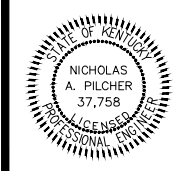
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1	02/26	BIDDING SET	NAP	BGB	02/26

PROJECT: 4337.00 DATE: FEB. 2026  
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
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DRAWN BY	DPS	02/26
CHECKED BY	BGB	02/26
RECORD DWGS.		

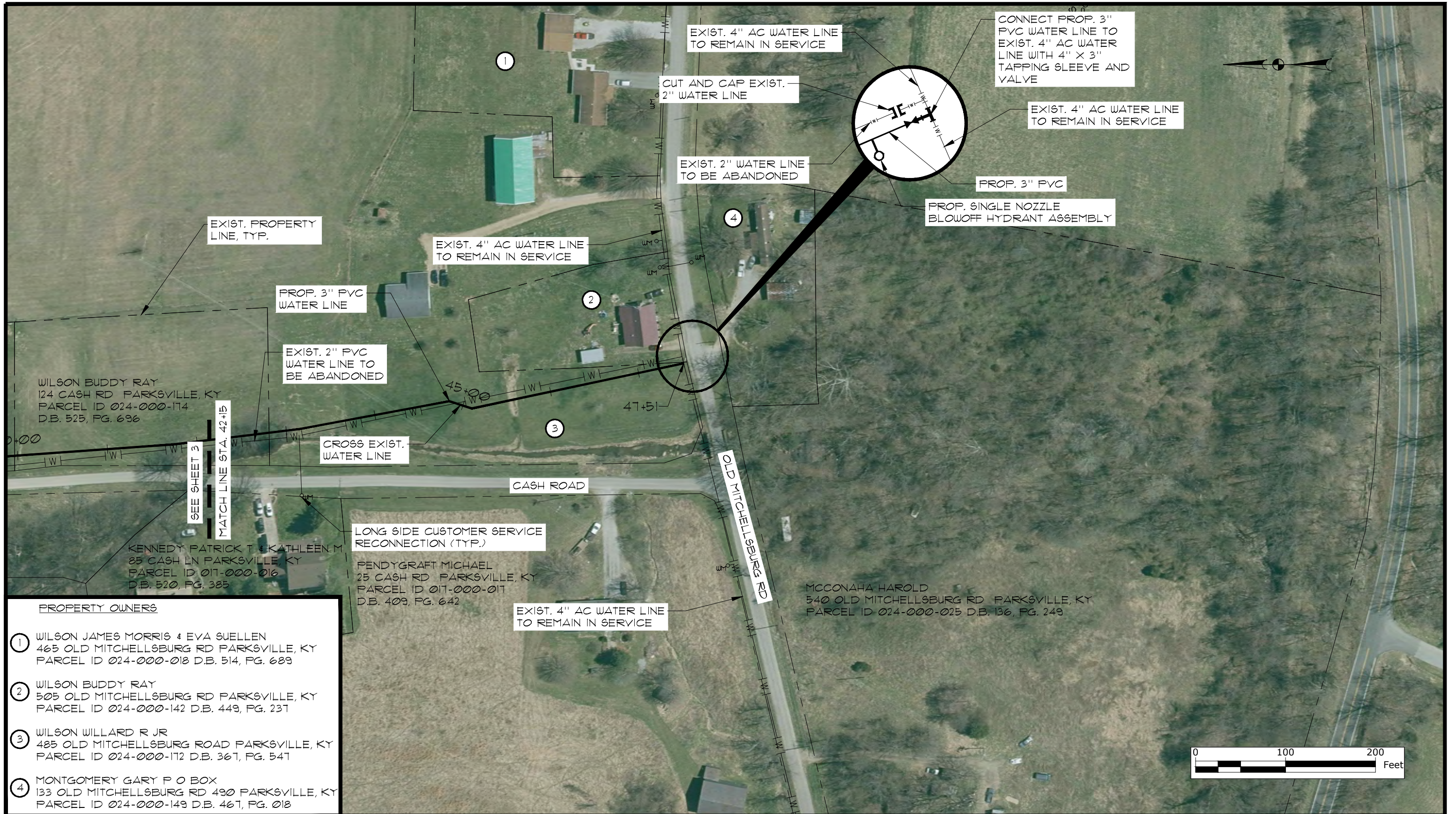


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**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**  
**CASH ROAD WATER LINE REPLACEMENT  
PLAN SHEET STA. 30+65 TO STA. 42+15**

SHEET  
3



WILSON BUDDY RAY  
124 CASH RD PARKSVILLE, KY  
PARCEL ID 024-000-174  
D.B. 525, PG. 696

KENNEDY PATRICK T & KATHLEEN M  
85 CASH LN PARKSVILLE, KY  
PARCEL ID 017-000-016  
D.B. 520, PG. 385

PENDYGRAFT MICHAEL  
25 CASH RD PARKSVILLE, KY  
PARCEL ID 017-000-017  
D.B. 409, PG. 642

MCCONAHA HAROLD  
540 OLD MITCHELLSBURG RD PARKSVILLE, KY  
PARCEL ID 024-000-025 D.B. 136, PG. 249

**PROPERTY OWNERS**

- ① WILSON JAMES MORRIS & EVA SUELLEN  
465 OLD MITCHELLSBURG RD PARKSVILLE, KY  
PARCEL ID 024-000-018 D.B. 514, PG. 689
- ② WILSON BUDDY RAY  
505 OLD MITCHELLSBURG RD PARKSVILLE, KY  
PARCEL ID 024-000-142 D.B. 449, PG. 237
- ③ WILSON WILLARD R JR  
485 OLD MITCHELLSBURG ROAD PARKSVILLE, KY  
PARCEL ID 024-000-172 D.B. 367, PG. 547
- ④ MONTGOMERY GARY P O BOX  
133 OLD MITCHELLSBURG RD 490 PARKSVILLE, KY  
PARCEL ID 024-000-149 D.B. 467, PG. 018

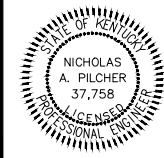
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1	02/26	BIDDING SET			02/26

PROJECT: 4337.00 DATE: FEB. 2026  
SCALE: 1" = 100'

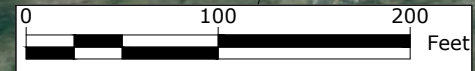
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RECORD DWGS.		

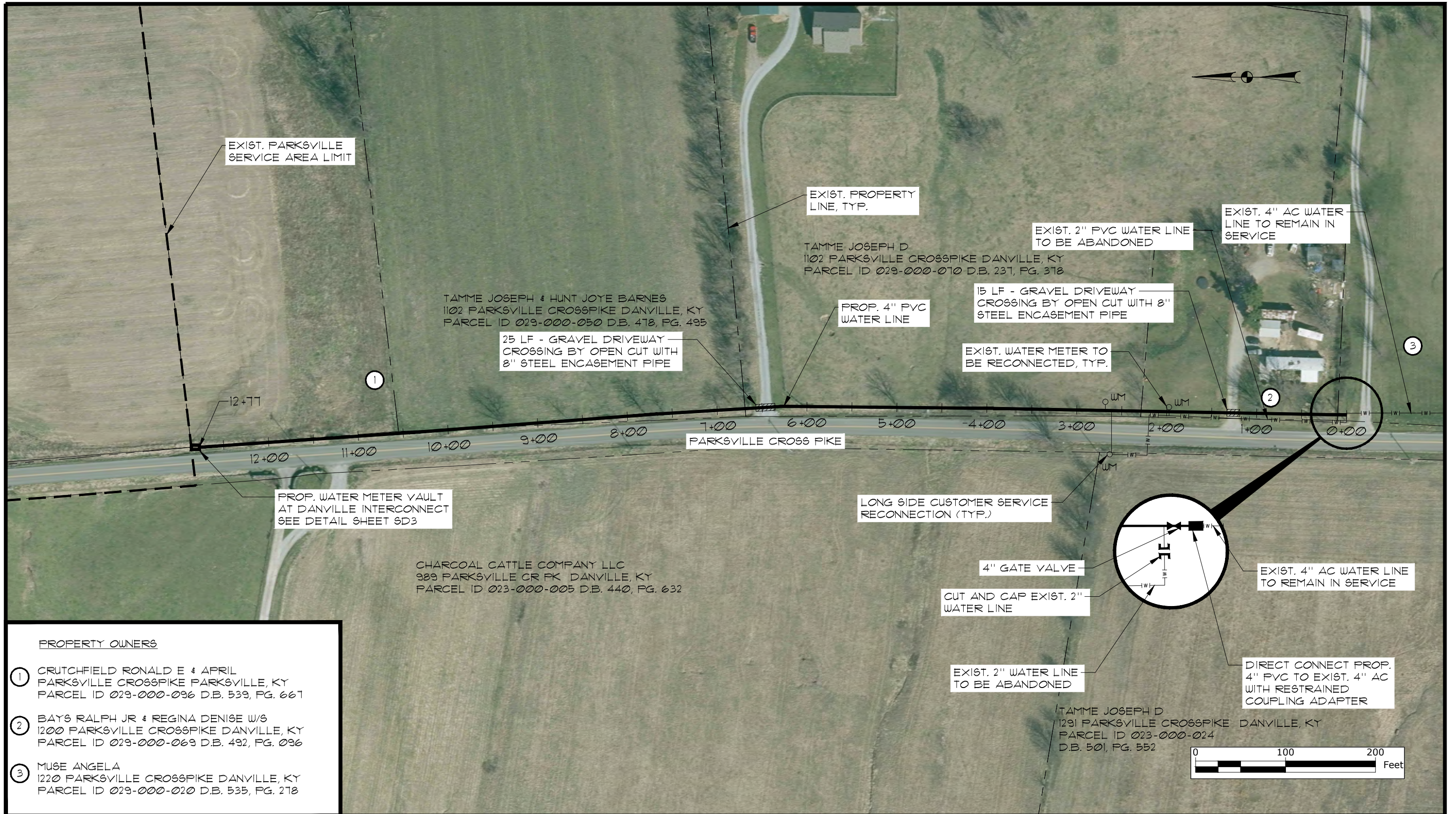


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**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**  
**CASH ROAD WATER LINE REPLACEMENT  
PLAN SHEET STA. 42+15 TO STA. 47+51**






**PROPERTY OWNERS**

①	CRUTCHFIELD RONALD E & APRIL PARKSVILLE CROSSPIKE PARKSVILLE, KY PARCEL ID 029-000-096 D.B. 539, PG. 667
②	BAYS RALPH JR & REGINA DENISE W/S 1200 PARKSVILLE CROSSPIKE DANVILLE, KY PARCEL ID 029-000-069 D.B. 492, PG. 096
③	MUSE ANGELA 1220 PARKSVILLE CROSSPIKE DANVILLE, KY PARCEL ID 029-000-020 D.B. 535, PG. 278

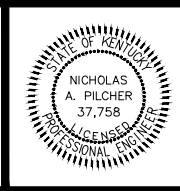
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PROJECT: 4337.00 DATE: FEB. 2026  
SCALE: 1" = 100'

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NAP	NAP	02/26
DRAWN BY	DPS	02/26
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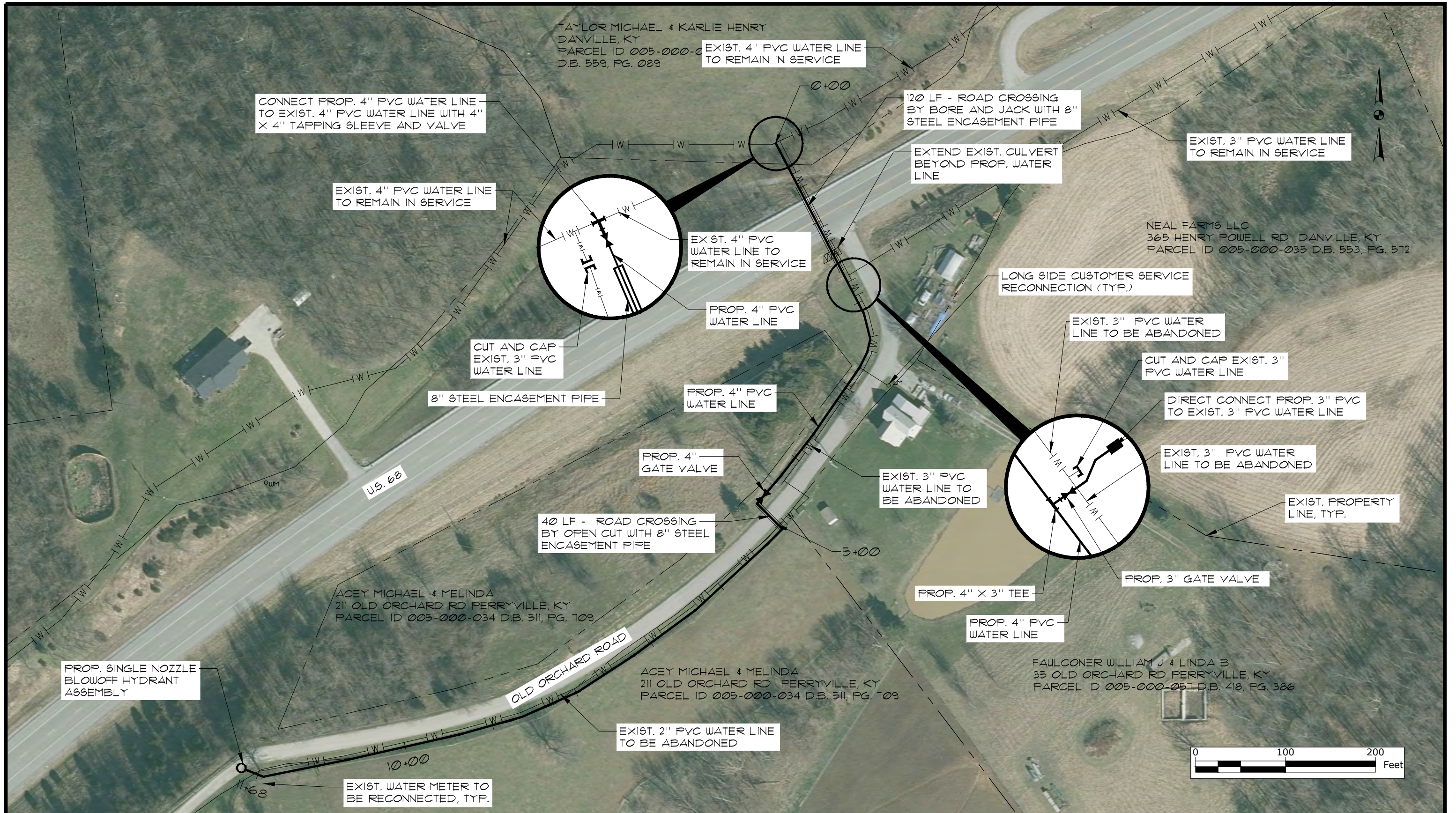


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**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**

**PARKSVILLE CROSS PIKE DANVILLE CONNECTION  
PLAN SHEET STA. 0+00 TO STA. 12+77**



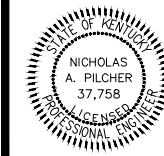
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1	02/26	BIDDING SET			02/26

PROJECT: 4331.00 DATE: FEB. 2026  
SCALE: 1" = 100'

	NAME	DATE
DESIGNED BY	NAP	02/26
DRAWN BY	DPS	02/26
CHECKED BY	BGB	02/26
RECORD DWGS.		



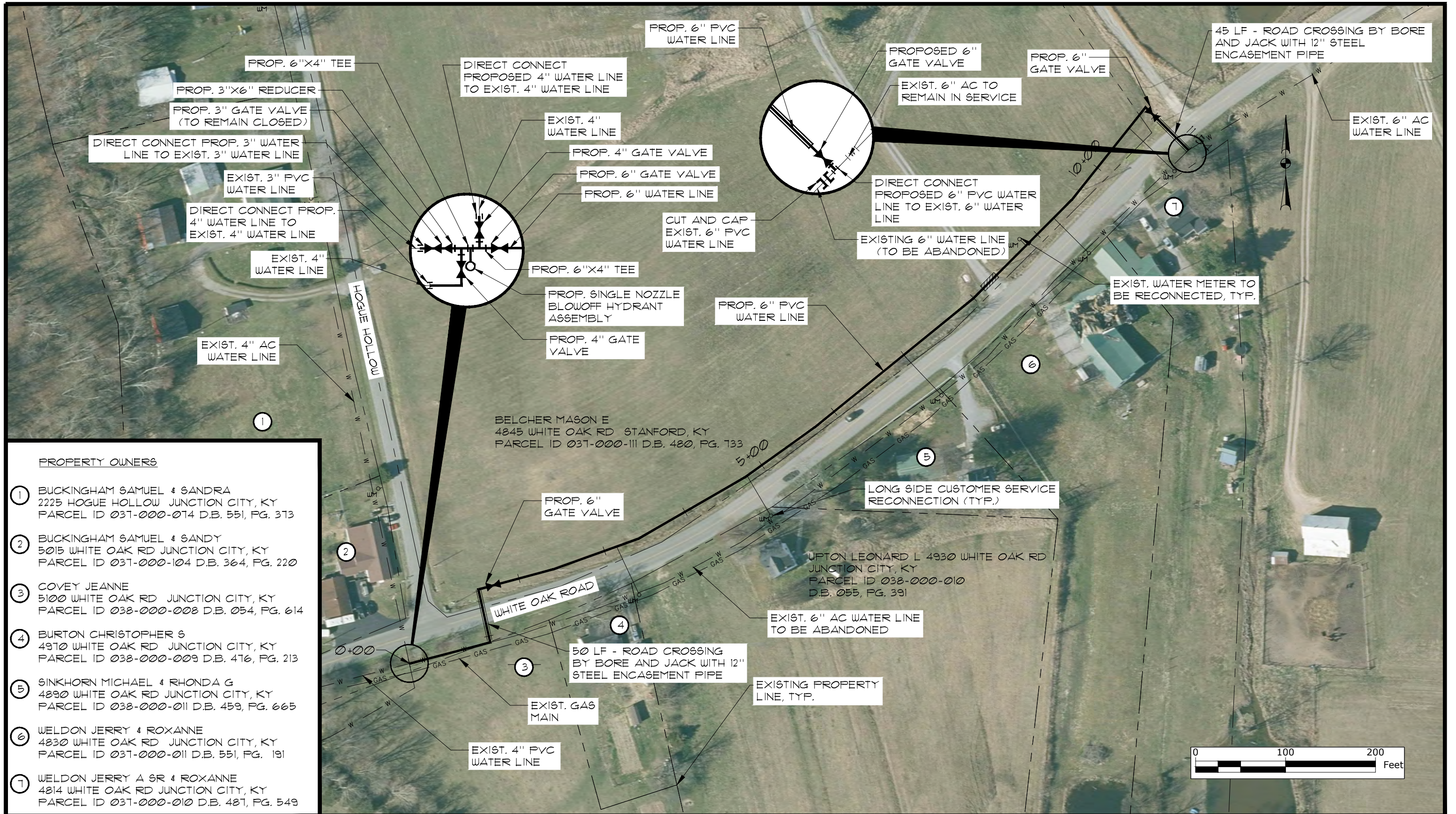
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**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**

**OLD ORCHARD ROAD WL UPGRADE  
PLAN SHEET STA. 0+00 TO STA. 11+68**

SHEET  
6



**PROPERTY OWNERS**

- ① BUCKINGHAM SAMUEL & SANDRA  
2225 HOGUE HOLLOW JUNCTION CITY, KY  
PARCEL ID 031-000-074 D.B. 551, PG. 373
- ② BUCKINGHAM SAMUEL & SANDY  
5015 WHITE OAK RD JUNCTION CITY, KY  
PARCEL ID 031-000-104 D.B. 364, PG. 220
- ③ COVEY JEANNE  
5100 WHITE OAK RD JUNCTION CITY, KY  
PARCEL ID 038-000-008 D.B. 054, PG. 614
- ④ BURTON CHRISTOPHER S  
4970 WHITE OAK RD JUNCTION CITY, KY  
PARCEL ID 038-000-009 D.B. 476, PG. 213
- ⑤ SINKHORN MICHAEL & RHONDA G  
4890 WHITE OAK RD JUNCTION CITY, KY  
PARCEL ID 038-000-011 D.B. 459, PG. 665
- ⑥ WELDON JERRY & ROXANNE  
4830 WHITE OAK RD JUNCTION CITY, KY  
PARCEL ID 031-000-011 D.B. 551, PG. 191
- ⑦ WELDON JERRY A SR & ROXANNE  
4814 WHITE OAK RD JUNCTION CITY, KY  
PARCEL ID 031-000-010 D.B. 487, PG. 549

BELCHER MASON E  
4845 WHITE OAK RD STANFORD, KY  
PARCEL ID 031-000-111 D.B. 480, PG. 733

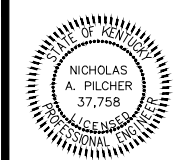
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JUNCTION CITY, KY  
PARCEL ID 038-000-010  
D.B. 055, PG. 391

1	02/26	BIDDING SET	NAP	BGB	02/26
NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4337.00 DATE: FEB. 2026		
SCALE: 1" = 100'		
DESIGNED BY	NAME	DATE
DRAWN BY	NAME	DATE
CHECKED BY	NAME	DATE
RECORD DWGS.	NAME	DATE



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**PARKSVILLE WATER DISTRICT  
SYSTEM UPGRADES  
BOYLE COUNTY, KENTUCKY**  
**WHITE OAK ROAD WL REPLACEMENT  
PLAN SHEET STA. 0+00 TO STA. 11+54**



**PROPERTY OWNERS**

- ① SATTERLY MARK  
290 TANK POND RD PARKSVILLE, KY  
PARCEL ID 024-000-061 D.B. 445, PG. 232
- ② FAITH CHAPEL COM CEMETERY  
294 TANK POND RD PARKSVILLE, KY  
PARCEL ID 024-000-059 D.B. , PG.
- ③ SATTERLY JEFFREY SEAN  
300 TANK POND RD PARKSVILLE, KY  
PARCEL ID 024-000-060 D.B. 420, PG. 643
- ④ OMER L  
WORTHINGTON RD PARKSVILLE, KY  
PARCEL ID 024-000-056
- ⑤ BURTON PEGGY A  
TANK POND RD PARKSVILLE, KY  
PARCEL ID 024-000-065 D.B. 050, PG. 115
- ⑥ OMER L M MRS  
260 TANK POND RD PARKSVILLE, KY  
PARCEL ID 024-000-053 D.B. 107, PG. 455
- ⑦ SATTERLY MARK  
125 WORTHINGTON RD PARKSVILLE, KY  
PARCEL ID 024-000-051 D.B. 432, PG. 491
- ⑧ PEARCE ROGER HOWARD & PEGGY JO  
185 WORTHINGTON RD PARKSVILLE, KY  
PARCEL ID 024-000-141 D.B. 309, PG. 340
- ⑨ WORTHINGTON IRVINE JR & JUDY A  
175 WORTHINGTON RD PARKSVILLE, KY  
PARCEL ID 024-000-141 D.B. 304, PG. 344
- ⑩ WORTHINGTON IRVIN L JR  
175 WORTHINGTON RD PARKSVILLE, KY  
PARCEL ID 024-000-055 D.B. 548, PG. 679

CHADWELL ROGER D & DONNA W/S  
265 TANK POND RD PARKSVILLE, KY  
PARCEL ID 024-000-054 D.B. 263, PG. 419

SATTERLY MARK ALAN  
90 WORTHINGTON ROAD PARKSVILLE KY  
PARCEL ID 024-000-063 D.B. 292, PG. 609

WORTHINGTON GARY  
WORTHINGTON RD PARKSVILLE, KY  
PARCEL ID 024-000-062 D.B. 418, PG. 357

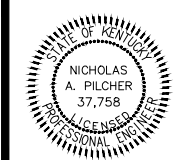
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			CHK'D	APPR'D	DATE

PROJECT: 4337.00 DATE: FEB. 2026  
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
NAP	NAP	02/26
DRAWN BY	DPS	02/26
CHECKED BY	BGB	02/26
RECORD DWGS.		

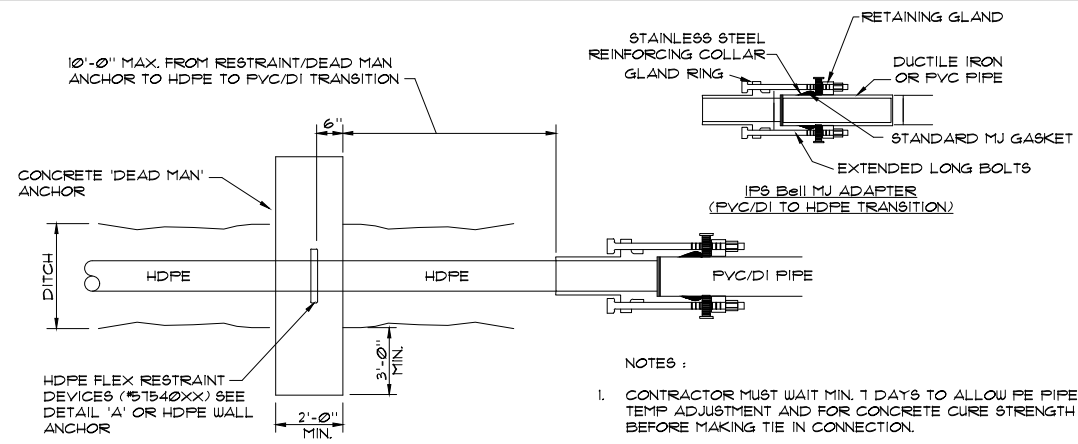


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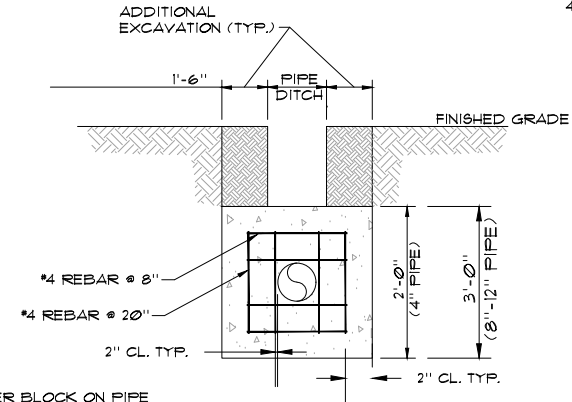
**PARKSVILLE WATER DISTRICT**  
**2021 SYSTEM IMPROVEMENTS**  
**BOYLE COUNTY, KENTUCKY**  
**WORTHINGTON ROAD WL RELOCATION**  
**PLAN SHEET STA. 0+00 TO STA. 11+00**

SHEET  
8



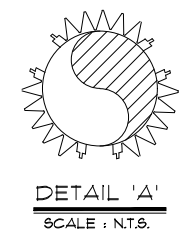
**HDPE CONNECTION TO PVC/DI**  
SCALE: N.T.S.

- NOTES:
1. CONTRACTOR MUST WAIT MIN. 7 DAYS TO ALLOW PE PIPE TEMP ADJUSTMENT AND FOR CONCRETE CURE STRENGTH BEFORE MAKING TIE IN CONNECTION.
  2. ON INITIAL FILL OF NEW PE PIPE, FILL AT AN EXTREME LOW FLOW RATE TO AVOID CENTRALIZER EFFECT (PIPE SHIFT).
  3. THIS HDPE CONNECTION REQUIRED ON BOTH SIDES OF HDPE.
  4. RESTRAINED JOINT PVC PIPE CAN BE USED AS AN ALTERNATE.



**SECTION A-A**  
SCALE: N.T.S.

- NOTES:
1. CENTER BLOCK ON PIPE
  2. BOX AND SETTER TO BE PRE-FABRICATED
  3. TRACER WIRE SHALL BE SPLICED WITH GEL FILLED WIRE CONNECTORS.



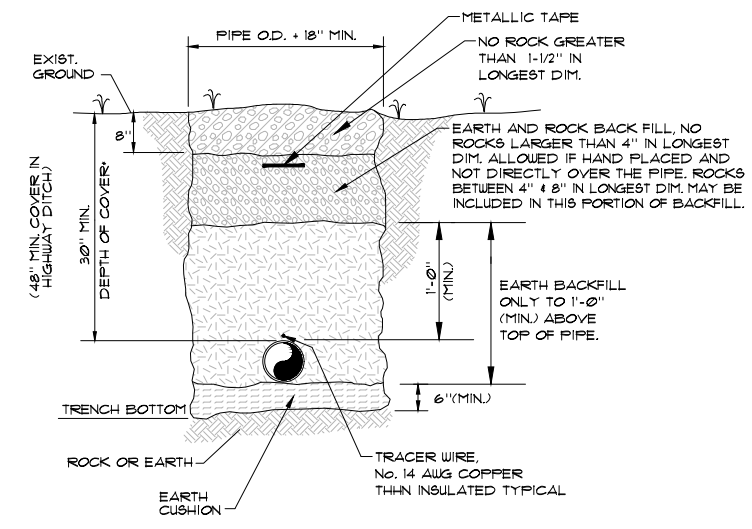
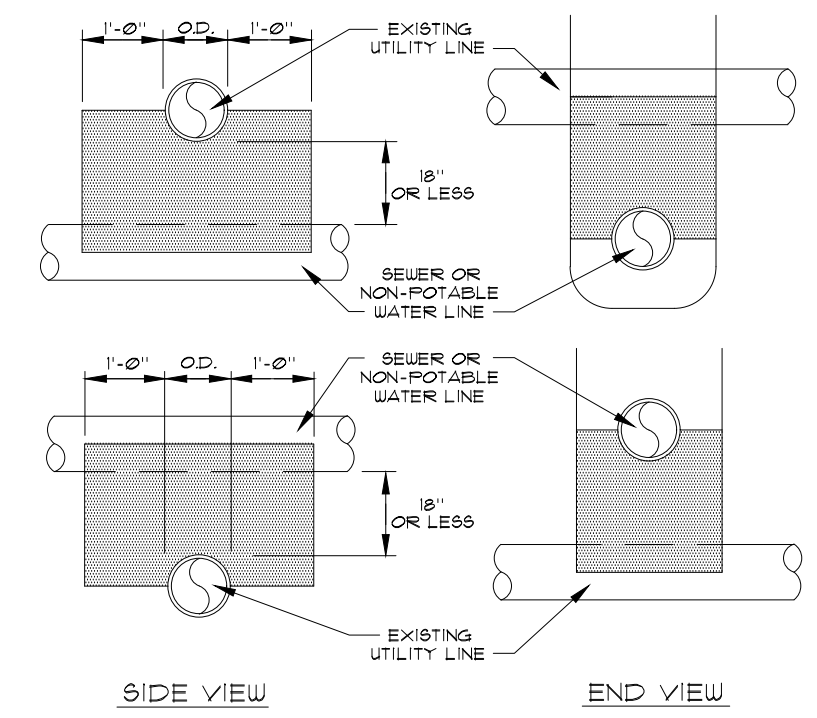
**DETAIL 'A'**  
SCALE: N.T.S.

NOTE:  
6"-8" 2-HDPE FLEX RESTRAINTS  
12"-16" 3-HDPE FLEX RESTRAINTS  
16"+ AT ENG. DISCRETION

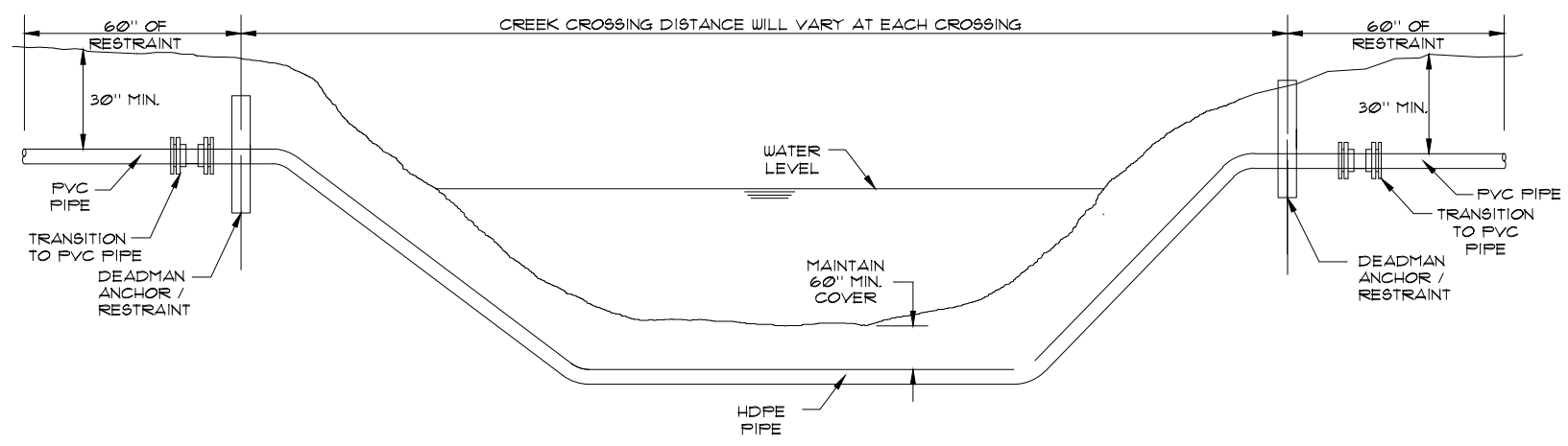
NOTES:

1. CONCRETE ENCASEMENT SHALL BE USED WHEN CLEARANCE BETWEEN SEWER OR NON-POTABLE WATER LINE AND UTILITY LINE IS 18" OR LESS.
2. WHEN ENCOUNTERING UTILITY LINE WITH SEPARATION LESS THAN 18" VERTICAL OR 10'-0" HORIZONTAL, CONCRETE ENCASEMENT SHALL BE USED. FULL SECTION OF SEWER OR NON-POTABLE WATER LINE SHALL BE CENTERED UNDER UTILITY LINE TO ACHIEVE MAXIMUM JOINT DISPLACEMENT.
3. WHEN WATER LINE IS LAID IN AREAS KNOWN TO CONTAIN LEACH FIELDS.
4. CONCRETE ENCASEMENT IS NOT A SEPARATE PAY ITEM.

**UTILITY CROSSING/ENCASEMENT**  
SCALE: N.T.S.



**BEDDING/BACKFILL**  
SCALE: N.T.S.



**DIRECTIONAL BORE CREEK CROSSING**  
SCALE: N.T.S.

NOTE:  
LABOR & MATERIALS REQUIRED TO CONNECT TO PVC PIPE ARE INCLUDED IN THE LUMP SUM CREEK CROSSING PRICE.  
CROSSING SHALL BE ACCOMPLISHED SUCH THAT MANUFACTURER'S RECOMMENDATIONS FOR PIPE DEFLECTION ARE NOT EXCEEDED. COMPLIANCE AND VERIFICATION ARE CONTRACTOR'S RESPONSIBILITY.

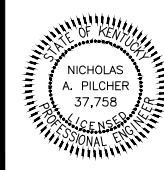
NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE
1	02/26	BIDDING SET	NAP	BGB	02/26

PROJECT: 4331.00 DATE: MAY. 2025  
SCALE: N.T.S.

DESIGNED BY	NAME	DATE
DRAWN BY	SAB	05/25
CHECKED BY	BGB	05/25
RECORD DWGS.		



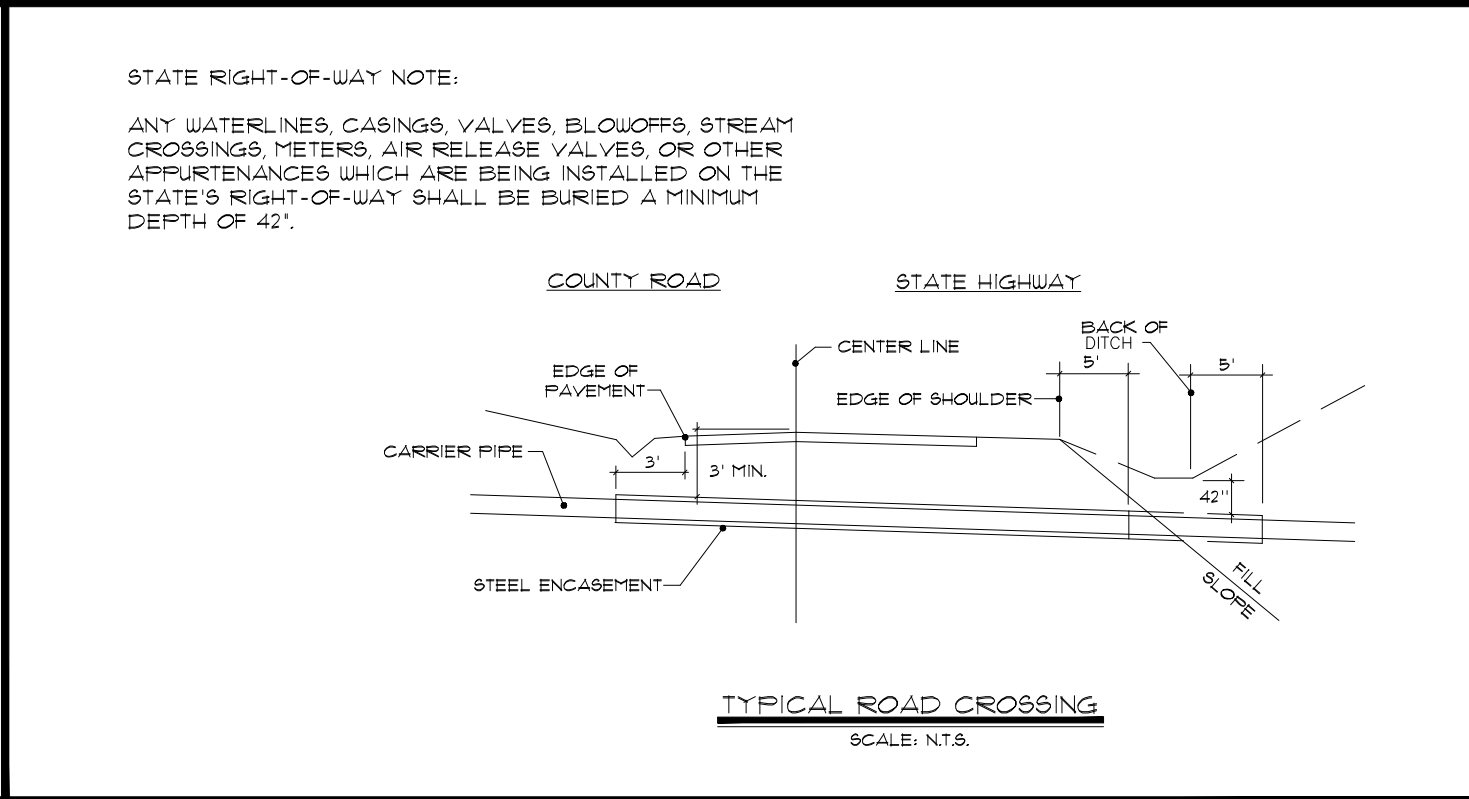
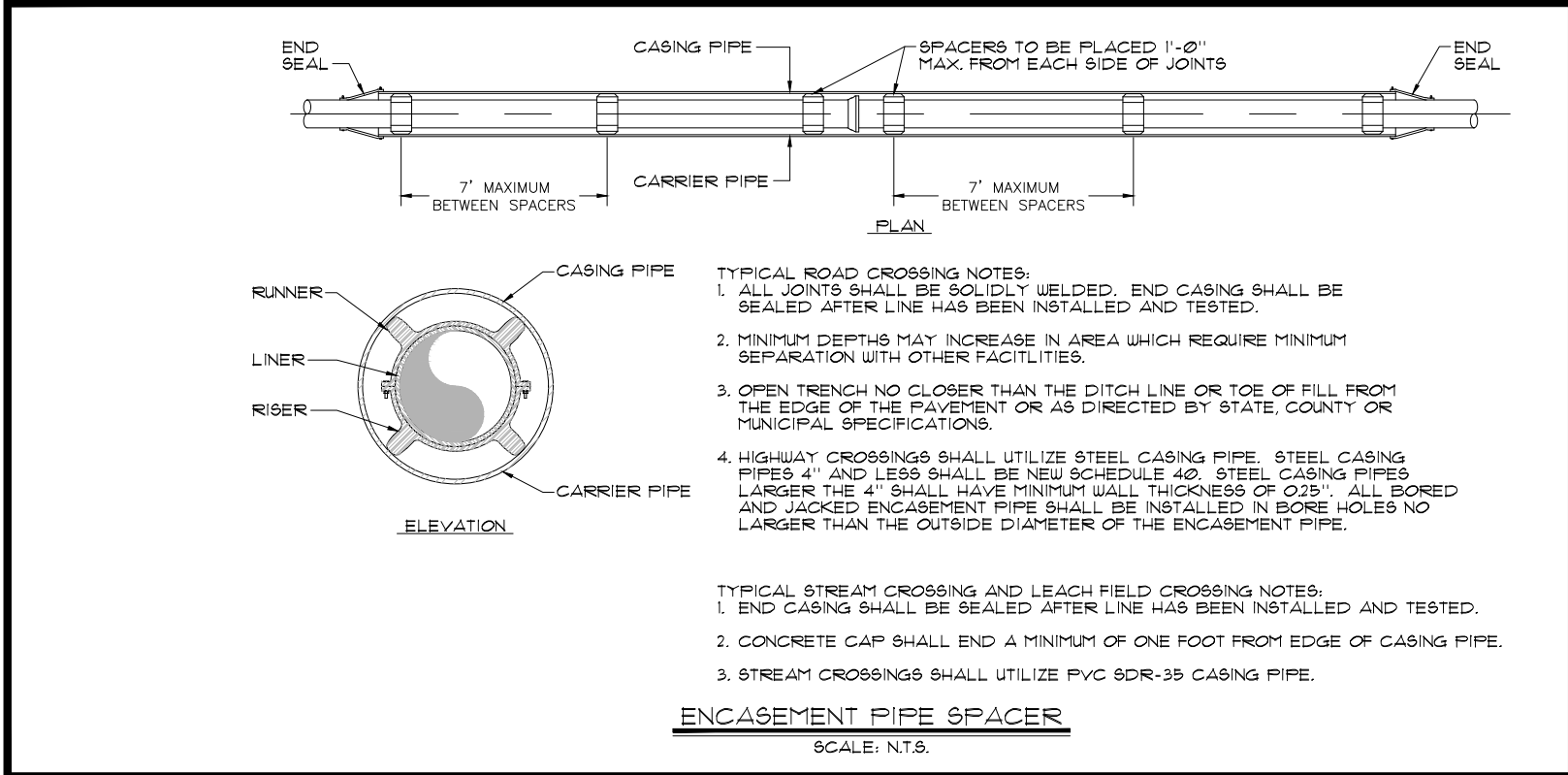
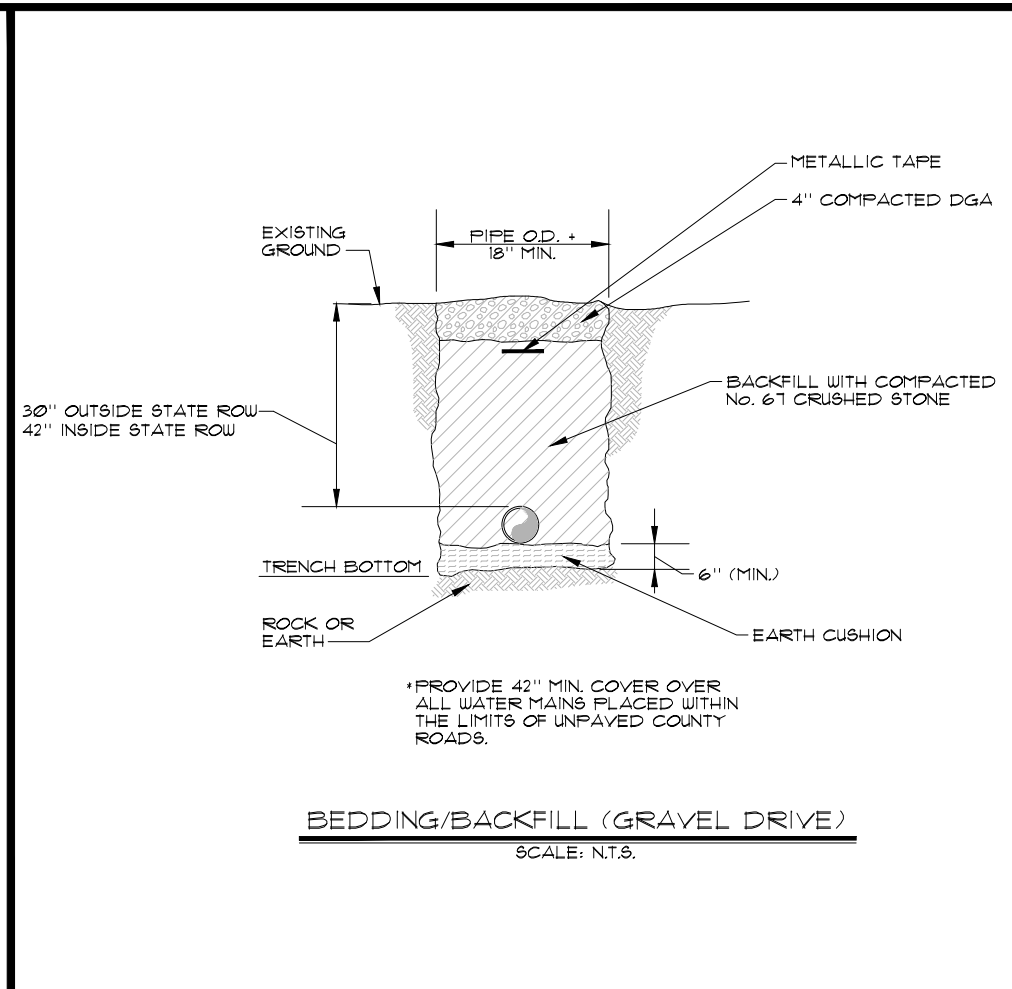
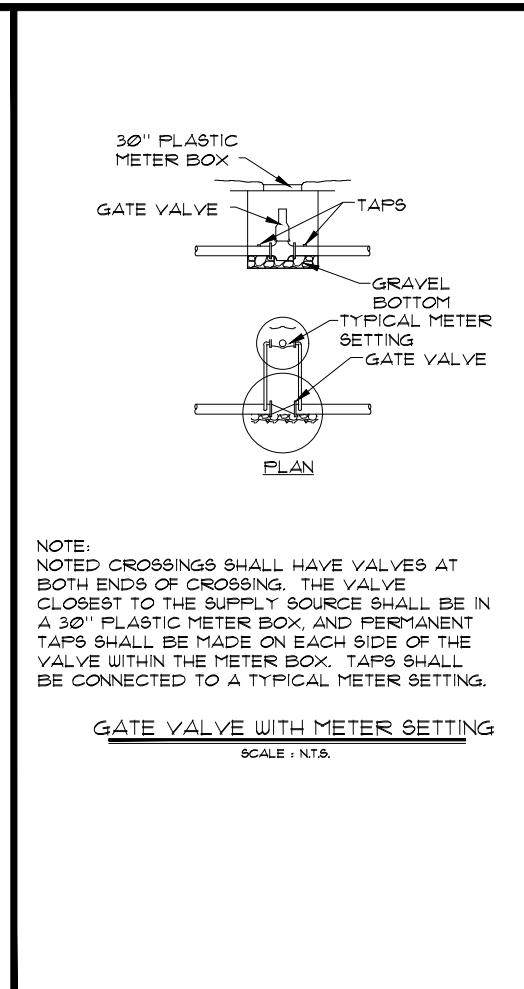
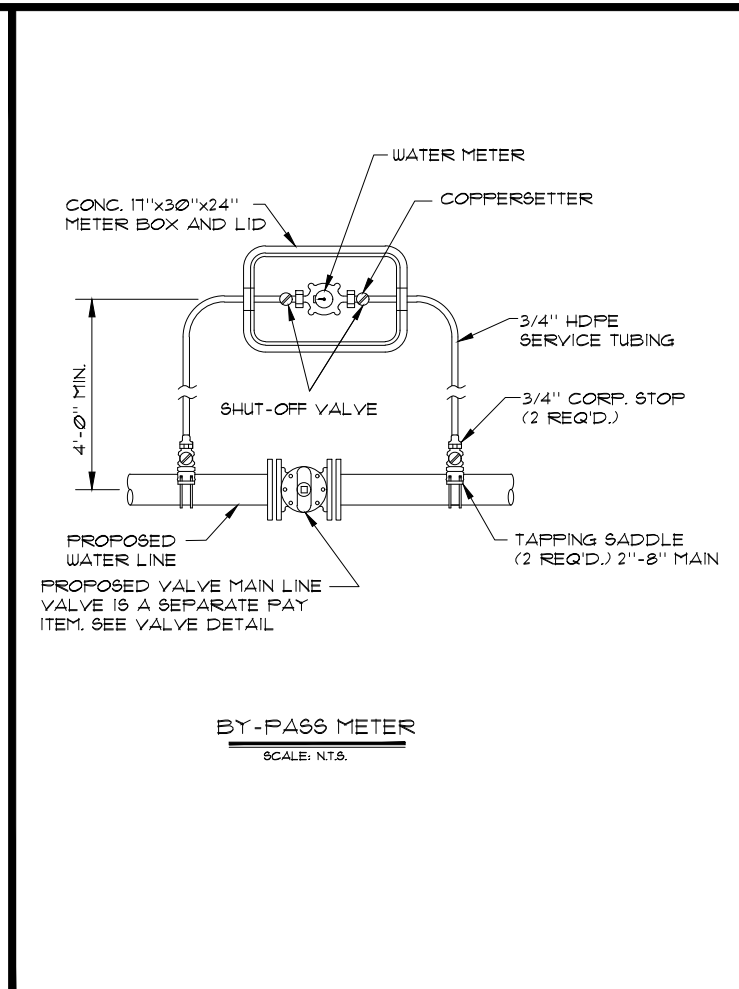
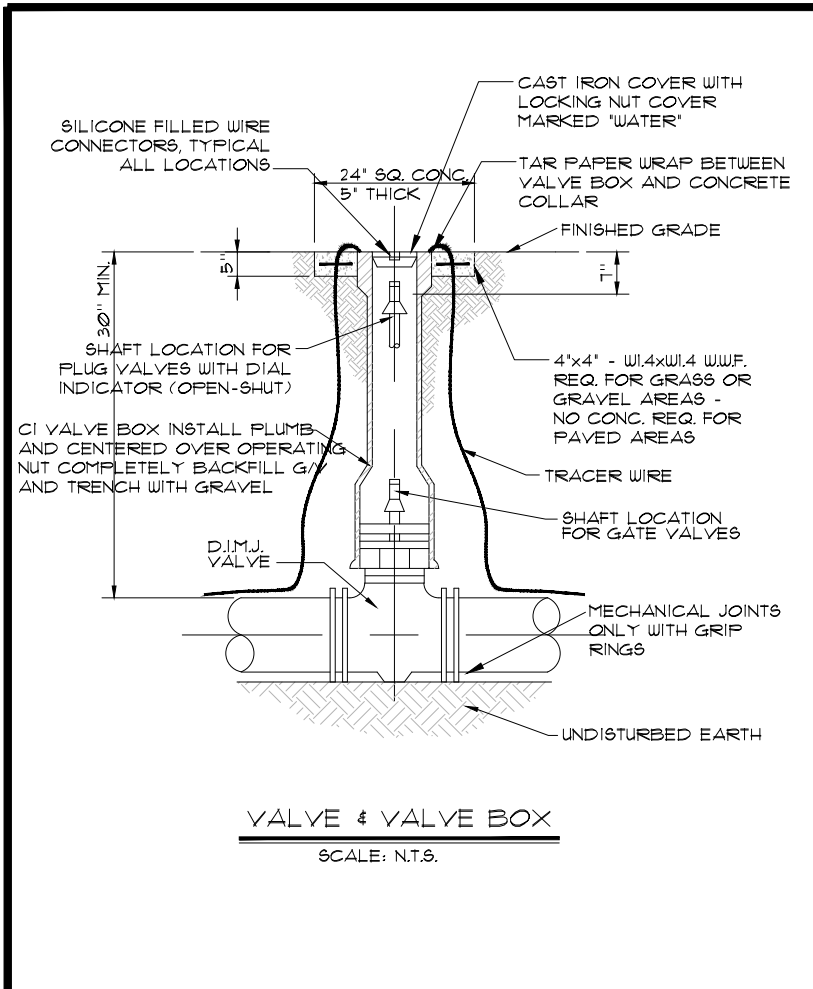
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**PARKVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**

**STANDARD DETAILS**

SHEET  
SD1

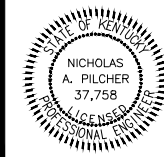


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE
1	02/26	BIDDING SET	NAP	BGB	02/26

PROJECT: 4331.00	DATE: MAY. 2025	
SCALE: N.T.S.		
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RECORD DWGS.		



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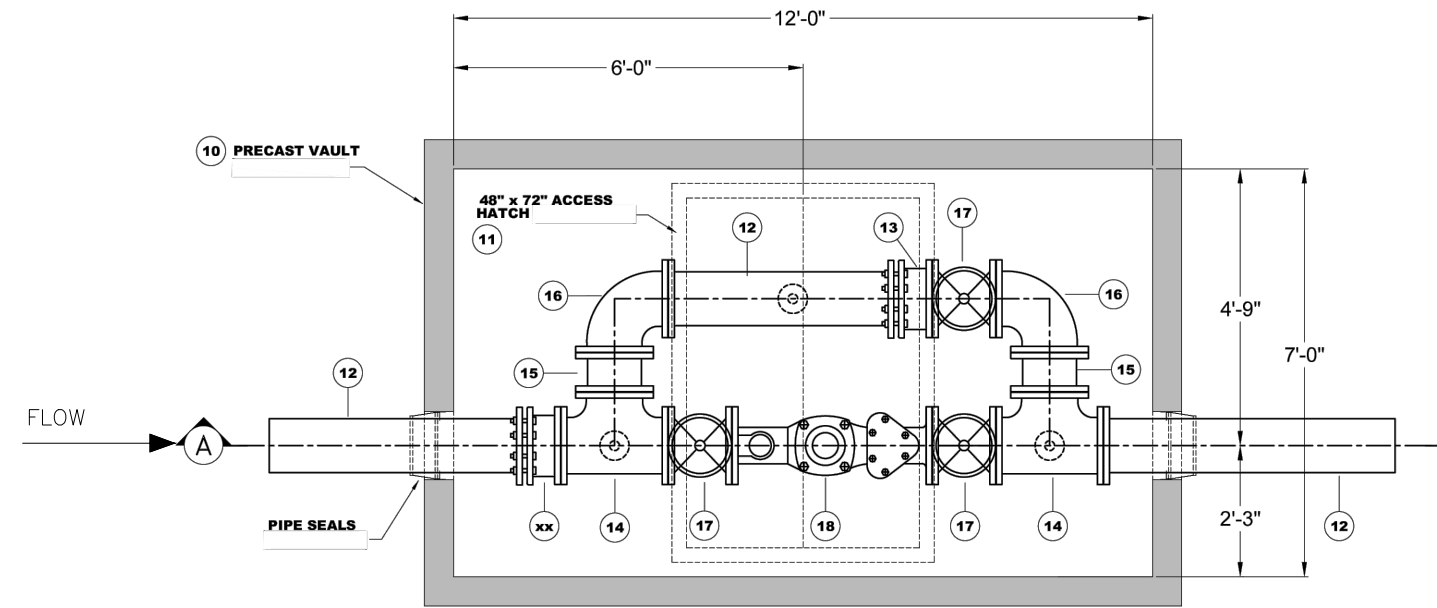


**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**

**STANDARD DETAILS**

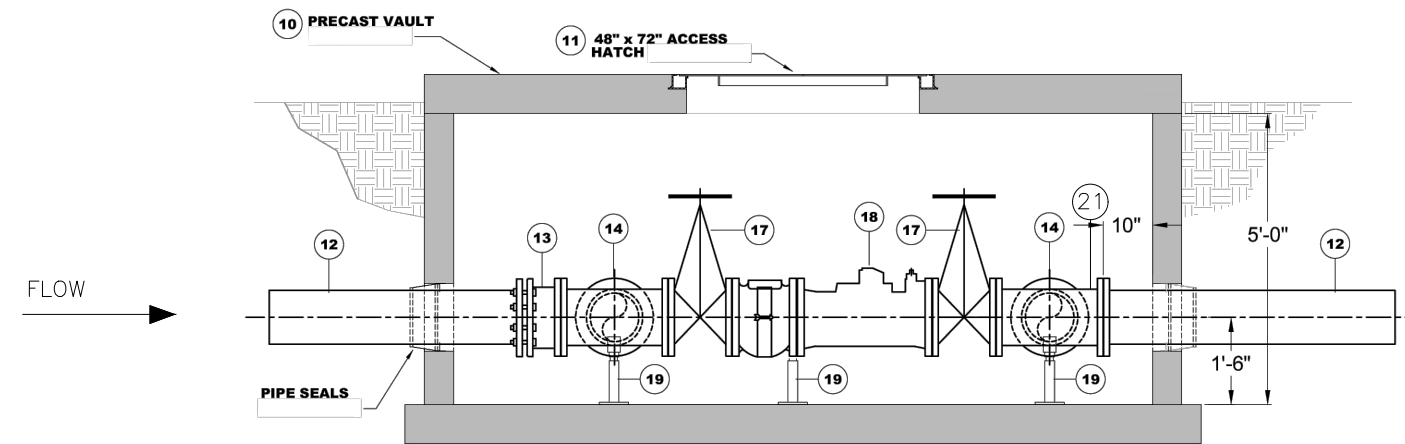
SHEET  
SD2

LINING/COATING LEGEND:				
CL	Cement-lined			
BIT	Bituminous Coat			
P	Shop Primed			
SC	Shop Coat			
TYPICAL 3" - 10" WATER METER VAULT - CITY OF DANVILLE				
MARK	QTY	UNIT	LINING / COATING	DESCRIPTION
10	1	EA		12' X 7' X 5' DEEP PRECAST CONCRETE VAULT w/PIPE BOOTS, (BY OTHERS)
11	1	EA		48" X 72" ACCESS HATCH, (BY OTHERS)
12	3	EA	P/CL	10" X 5'-0" CL/53 DIP F X PE, (FIELD MEASURE & CUT IF REQ'D.)
13	2	EA	SC	10" RFCA 10.75 - 11.10 FOR DIP
14	2	EA	P/CL	10" FLANGED DI TEE
15	2	EA	P/CL	10" X 0'-8" CL/53 DIP F X F
16	2	EA	P/CL	10" X 90 DI FLANGED ELL
17	3	EA	SC	10" CLOW F8102 NRS FLANGED RW GATE VALVE OL w/HW
18	1	EA	SC	OMNI T2 DS-W-OMT-00-0611-03-A METER
19	3	EA		ADJUSTABLE PIPE SUPPORT
20	13	EA		10" X 1/8" 150# RR RING B&G SET
21	1	EA		CHECK VALVE



**TOP PLAN**

SCALE: N.T.S.



**SECTION A**

SCALE: N.T.S.

Typical Meter Vault Configuration  
3" - 10" Water Service Line Connections

Note: Hatch and Vault Sizes will vary depending on equipment dimensions.

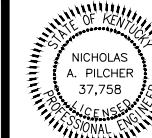
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1	02/26	BIDDING SET	NAP	BGB	02/26

PROJECT: 4337.00 DATE: FEB. 2026  
SCALE: N.T.S.

DESIGNED BY	NAME	DATE
	NAP	02/26
DRAWN BY	SAB	02/26
CHECKED BY	BGB	02/26
RECORD DWGS.		



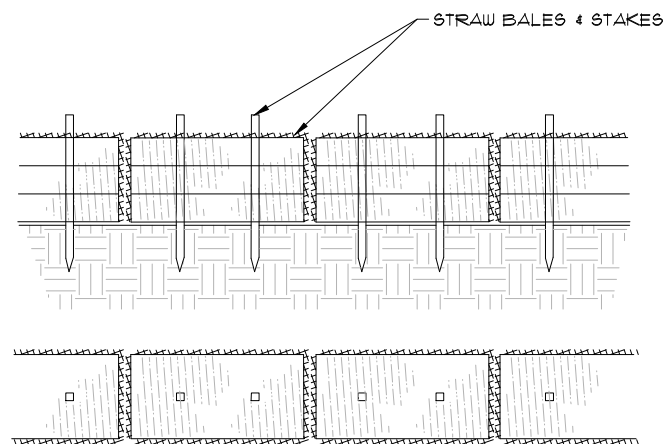
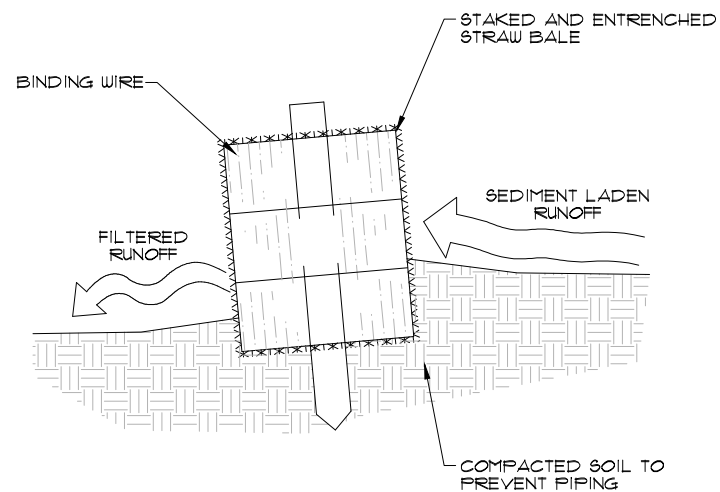
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BOYLE COUNTY, KENTUCKY**

**STANDARD DETAILS**

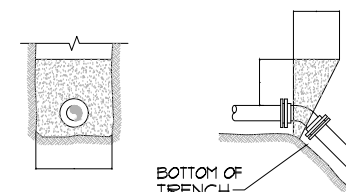
SHEET  
SD3



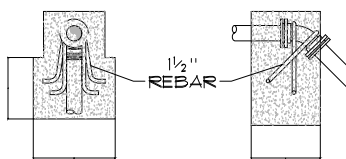
**EROSION CONTROL**  
SCALE: N.T.S.

**NOTE :**

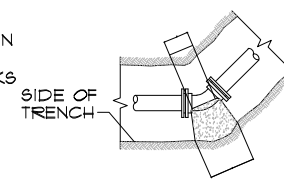
ALL DIM. FITTINGS REQUIRE GRIP RING RESTRAINTS IN ADDITION TO CONCRETE THRUST BLOCKS. COST OF FITTINGS, GRIP RINGS AND CONCRETE THRUST BLOCKS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE.



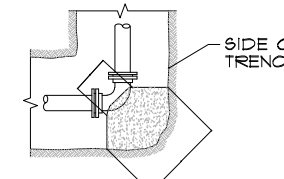
45° VERTICAL BEND



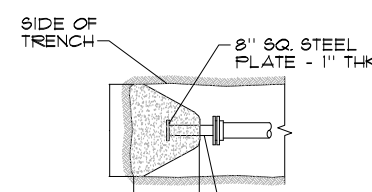
45° VERTICAL BEND



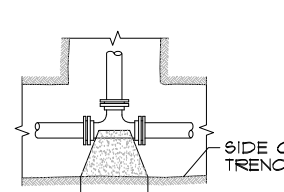
45° 22 1/2" & 1 1/4" BEND



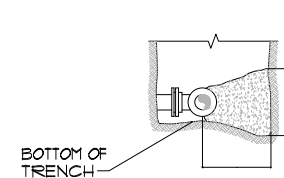
90° BEND



PLUG



TEE



TYPICAL SECTION

**NOTES:**

- THRUST BLOCKS DESIGNED FOR 100 PSI PRESSURE AND 1000 PSF SOIL BEARING. FOR GREATER PRESSURE OR LESS SOIL BEARING, QUANTITIES WILL HAVE TO BE RECALCULATED.
- THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
- IF EXACT SIZE PIPE BLOCKING IS NOT SHOWN, USE NEXT LARGER SIZE.
- THRUST BLOCKING TO BE POURED IN PLACE CLASS B CONCRETE.

**THRUST BLOCKS**

SCALE: N.T.S.

90° BEND								
SIZE	18"	16"	12"	10"	8"	6"	4"	2"
A	72	64	50	40	33	26	16	16
B	72	64	50	40	33	24	16	16
C	32	30	16	15	12	12	9	9
D	36	32	25	20	16	12	8	9

45° BEND								
SIZE	18"	16"	12"	10"	8"	6"	4"	2"
A	54	48	37	31	24	18	12	12
B	54	48	37	31	24	18	12	12
C	16	18	16	14	12	12	8	8
D	25	22	18	15	12	9	6	6

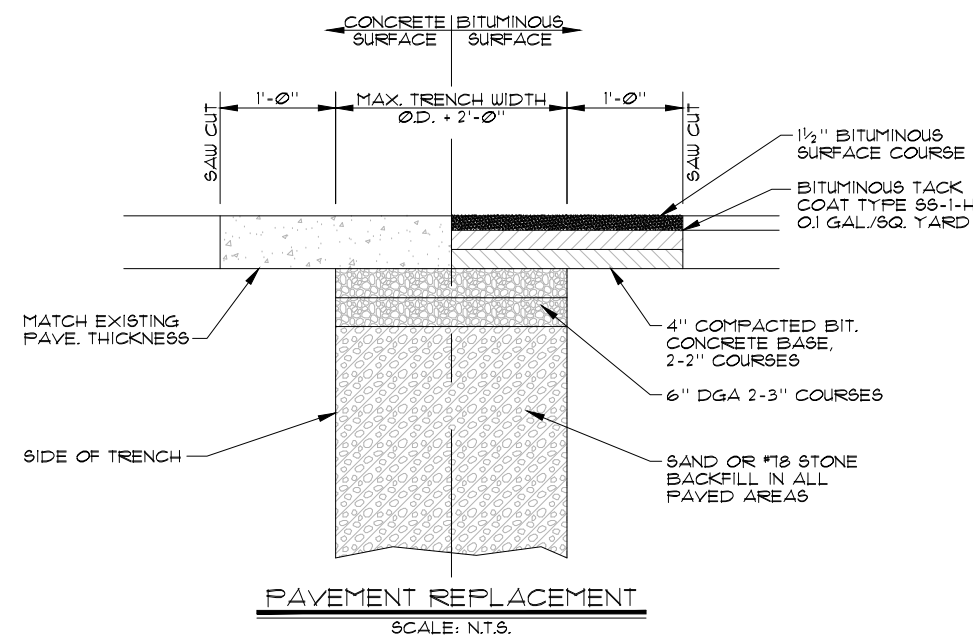
22 1/2 BEND								
SIZE	18"	16"	12"	10"	8"	6"	4"	2"
A	38	34	26	23	18	13	9	9
B	38	34	26	23	18	13	9	9
C	16	18	16	14	12	10	8	8
D	18	16	13	11	9	6	4	4

11 1/4 BEND								
SIZE	18"	16"	12"	10"	8"	6"	4"	2"
A	27	24	18	16	13	11	9	9
B	27	24	18	16	13	11	9	9
C	16	18	16	14	12	10	8	8
D	14	12	9	8	6	5	4	4

PLUG								
SIZE	18"	16"	12"	10"	8"	6"	4"	2"
A	38	34	26	23	18	13	9	9
B	60	54	52	43	34	26	26	26
C	12	12	12	12	12	12	12	12
D	54	44	32	22	15	11	11	11

TEE									
SIZE	MAIN BRANCH	18"	16"	12"	10"	8"	6"	4"	2"
A	18"	60	54	52	42	26	43	26	26
B	16"	60	54	52	43	26	43	26	26
C	12"	32	30	12	12	12	12	12	12
D	18"	36	30	26	21	13	21	13	13

DIMENSIONS ARE IN INCHES



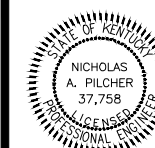
NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE
1	02/26	BIDDING SET	NAP	BGB	02/26

PROJECT: 4331.00 DATE: JAN. 2026  
SCALE: N.T.S.

DESIGNED BY	NAME	DATE
NAP	NAP	05/25
DRAWN BY	SAB	05/25
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RECORD DWGS.		



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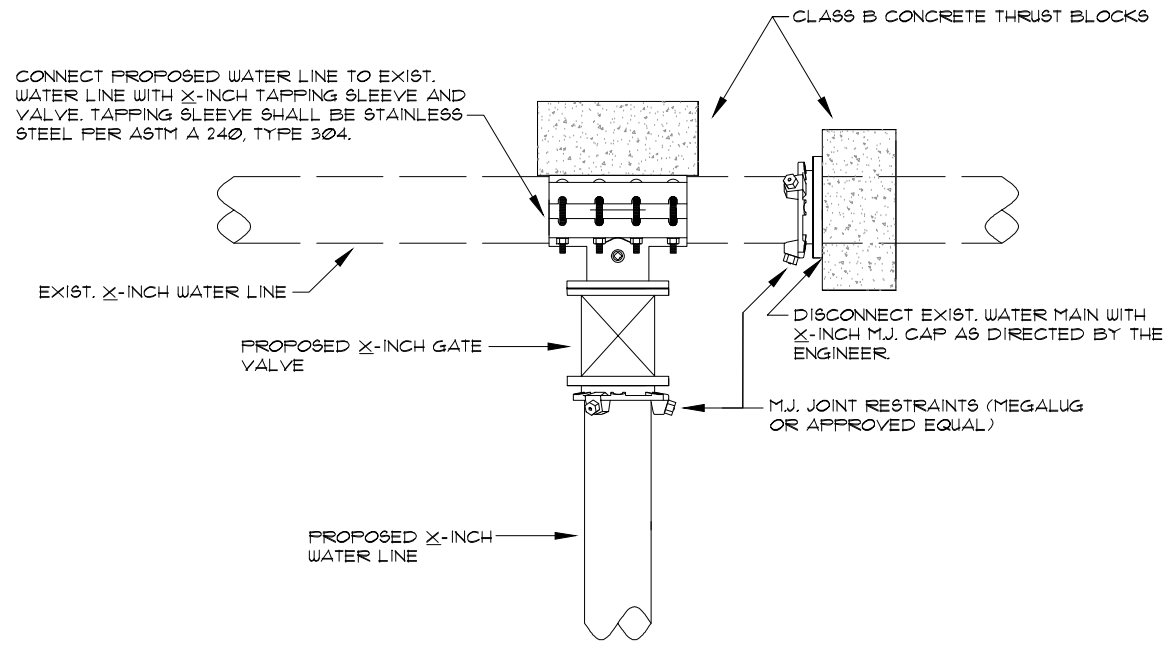


**PARKSVILLE WATER DISTRICT  
2021 SYSTEM IMPROVEMENTS  
BOYLE COUNTY, KENTUCKY**

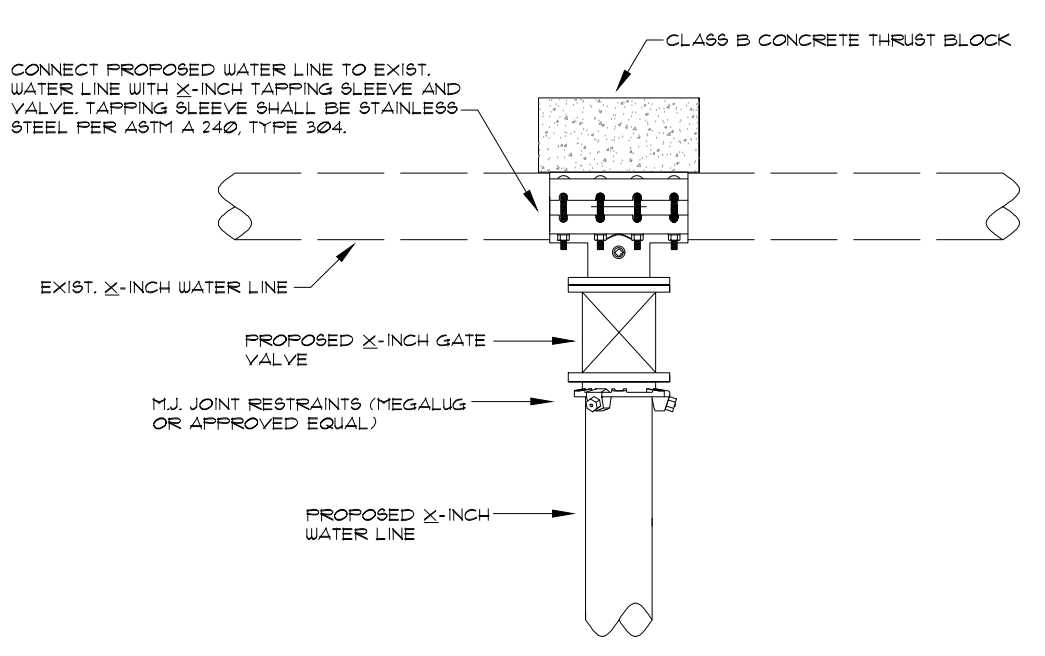
**STANDARD DETAILS**

SHEET  
SD4

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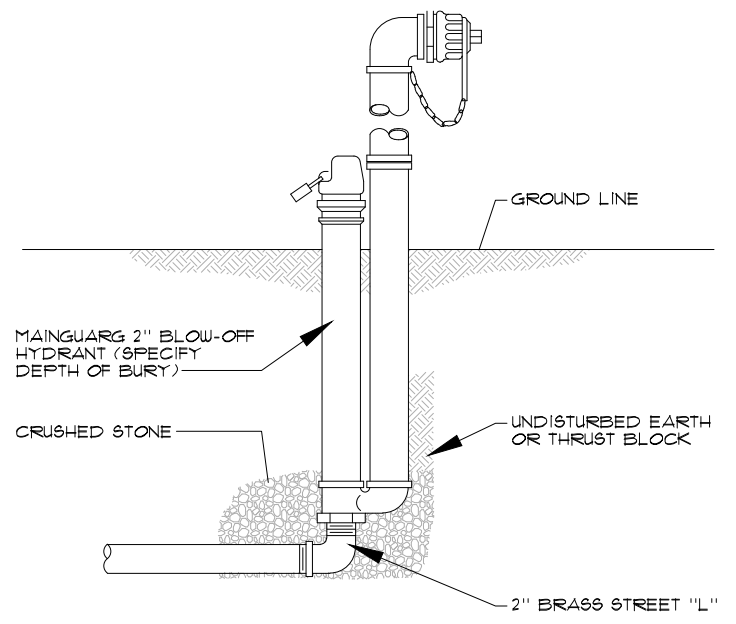


**TAPPING SLEEVE CONNECTION - TYPE I**  
SCALE : N.T.S.

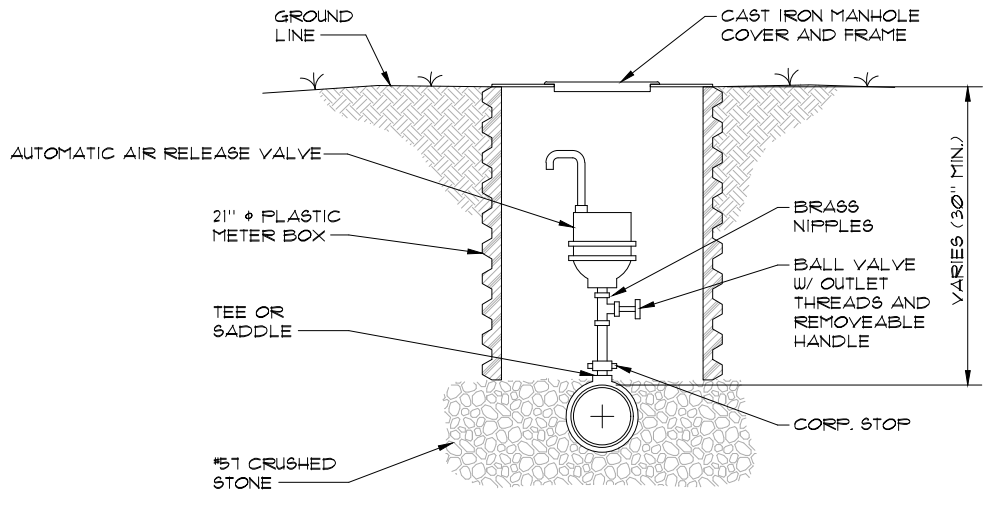


**TAPPING SLEEVE CONNECTION - TYPE II**  
SCALE : N.T.S.

POST HYDRANTS SHALL BE NON-FREEZING, SELF DRAINING TYPE WITH A 30" BURY. THESE HYDRANTS WILL BE FURNISHED WITH A 2" FIP INLET, A NON-TURNING OPERATING ROD, AND SHALL OPEN TO THE LEFT. ALL OF THE WORKING PARTS SHALL BE OF BRONZE-TO-BRONZE DESIGN, AND BE SERVICEABLE FROM ABOVE GRADE WITH NO DIGGING. THE OUTLET SHALL BE ALSO BE BRONZE AND BE 2 1/2" NPT. HYDRANTS SHALL BE LOCKABLE TO PREVENT UNAUTHORIZED USE AS MANUFACTURED BY KUPFERLE FOUNDRY CO., ST. LOUIS, MO, OR APPROVED EQUAL.



**FLUSH HYDRANT**  
SCALE : N.T.S.



**AUTOMATIC AIR RELEASE VALVE**  
SCALE : N.T.S.

NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE
1	02/26	BIDDING SET	NAP	BGB	02/26

PROJECT: 4331.00 DATE: FEB. 2026  
SCALE: N.T.S.

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NAP	NAP	02/26
DRAWN BY	SAB	02/26
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RECORD DWGS.		



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**STANDARD DETAILS**

SHEET  
SD5