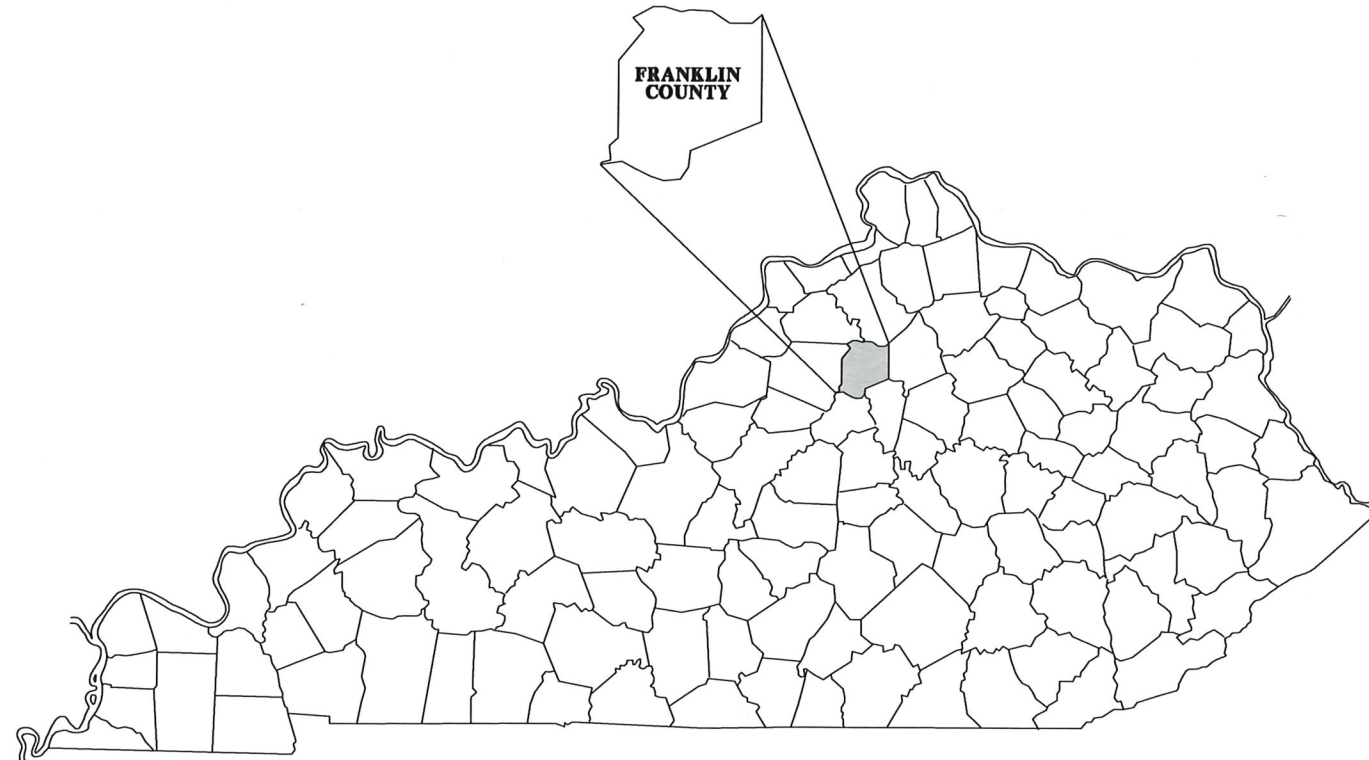


AC WATER LINE REPLACEMENT FARMDALE WATER DISTRICT FRANKLIN COUNTY, KENTUCKY



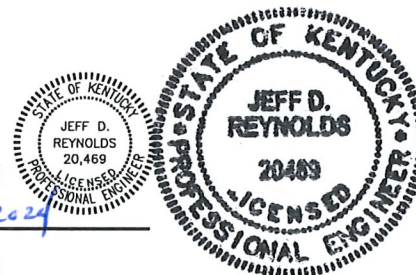
INDEX OF SHEETS

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24 - 27	JOHNSON ROAD
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SD1-SD7	STANDARD DETAILS

**JUNE 2024
BID EDITION**

Jeff D. Reynolds
7/8/2024

JEFF D. REYNOLDS, P.E.
KENTUCKY REGISTRATION NO. 20,469



Plans Prepared By:



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

GENERAL NOTES

UNLESS OTHERWISE NOTED, A SEPARATE BID ITEM HAS NOT BEEN ESTABLISHED FOR FITTINGS. THE FITTINGS INVOLVED, BUT NOT LIMITED TO, TEES, BENDS, PLUGS, REDUCERS, SADDLES, CROSSES, COUPLINGS, ETC. CONTRACTOR SHALL INCLUDE THE COST OF THESE ITEMS IN THE UNIT PRICE FOR THE PIPE.

NO PAY ITEM FOR EXTRA TRENCH DEPTH HAS BEEN SET UP. CONTRACTOR SHALL INCLUDE THE COST OF THE ADDITIONAL DEPTH IN HIS UNIT PRICE WHEN THE WATER PIPE CROSSES UNDER AN EXISTING UTILITY, CULVERT OR DRAINAGE DITCH.

FINAL LOCATION OF SERVICES, GATE VALVES AND OTHER APPURTENANCES ARE TO BE FIELD LOCATED DURING CONSTRUCTION AND APPROVED BY THE ENGINEER.

EXISTING UTILITIES, ESPECIALLY GAS LINES AND OIL LINES, MAY BE CATHODICALLY PROTECTED, THEREFORE, DUCTILE IRON PIPE, FITTINGS GATE VALVES, AND/OR BOXES LAID WITHIN 100' OF THESE LINES WITH CATHODIC PROTECTION SHALL MEET THE REQUIREMENTS OF AWWA C-105, LATEST REVISION. A SEPARATE PAY ITEM HAS NOT BEEN ESTABLISHED. ALL COSTS FOR LABOR AND MATERIALS MUST BE INCLUDED IN THE UNIT PRICE BID FOR PIPE.

ALL DAMAGE TO EXISTING UTILITIES CAUSED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.

THE CONTRACTOR SHALL CONFINE ALL CONSTRUCTION ACTIVITY TO THE AREA WITHIN THE EXISTING EASEMENTS AND CONSTRUCTION LIMITS, UNLESS OTHERWISE APPROVED IN WRITING BY THE OWNER.

THE CONTRACTOR WILL BE SOLELY LIABLE FOR ANY WORK HE PERFORMS OUTSIDE OF LEGAL EASEMENTS OR CONSTRUCTION LIMITS.

IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THE LOCATIONS OF ANY AND ALL UTILITIES ENCOUNTERED BY THE FINAL ALIGNMENT OF WATERLINE. THE CONTRACTOR SHALL USE CAUTION WHEN EXCAVATING AND SHALL TAKE THE NECESSARY MEASURES TO PROTECT THE EXISTING UTILITIES TO KEEP THEM IN SERVICE. IF UTILITIES ARE SHOWN, THE INFORMATION IS GENERAL IN NATURE AND NOT TO BE TAKEN AS AS-BUILTS. CONTRACTOR SHALL CONTACT REPRESENTATIVES OF LOCAL UTILITIES A MINIMUM OF 48 HOURS BEFORE COMMENCING WORK ON THE PROJECT.

ALL WATER MAINS SHALL BE PVC CLASS 200 SDR 21 UNLESS OTHERWISE NOTED ON THE PLANS.

AT THE CONTRACTORS OPTION, CLASS 350 DUCTILE IRON PIPE MAY BE SUBSTITUTED FOR ANY PIPE PARTICULARLY SPECIFIED, BUT AT NO ADDITIONAL COST TO THE OWNER.

PROVIDE 40" MINIMUM COVER FOR ALL WATER MAINS PLACED WITHIN UNPAVED COUNTY ROADS OR IN DITCH LINES.

REASONABLE CARE SHALL BE TAKEN BY THE CONTRACTOR DURING CONSTRUCTION TO AVOID DAMAGE TO EXISTING VEGETATION, ORNAMENTAL SHRUBBERY AND TREE BRANCHES SHALL BE TEMPORARILY TIED BACK, WHERE APPROPRIATE, TO MINIMIZE DAMAGE. TREES THAT RECEIVE DAMAGE TO BRANCHES SHALL BE TRIMMED OF THOSE BRANCHES TO IMPROVE THE APPEARANCE OF THE TREE. TREE TRUNKS RECEIVING DAMAGE FROM EQUIPMENT SHALL BE TREATED WITH A TREE DRESSING. PROPERTY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO ANY ALTERATION TO EXISTING TREES AND/OR LANDSCAPING ON THEIR PROPERTY.

THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS PRIOR TO PERFORMING DRIVEWAY CUTS IN ORDER TO PROVIDE PROPERTY OWNER ACCESS TO THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL INSTALL THESE DRIVEWAY CROSSINGS WITH EXPEDIENCE AND SHALL RESTORE THE DRIVEWAY AS SOON AS POSSIBLE.

ALL PAVED AND CONCRETE SURFACES, INCLUDING DRIVEWAYS, CROSSED BY THE PROPOSED WATER MAINS SHALL BE BORED AND JACKED (UNCASED).

ALL TEES AND BENDS SHALL BE THRUST BLOCKED AS DETAILED ON THE THRUST BLOCK DETAIL SHEET. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR PIPE.

SEPTIC SYSTEMS NOTED WHERE PROPERTY OWNER NOTIFIED US. ALL MAY NOT BE SHOWN. CONTRACTOR TO USE CAUTION IN THESE AREAS. WATER MAIN TO BE ENCASED IN CONCRETE WHEN LAID WITHIN 10' OF DRAIN LINES OR FIELD. SEE DETAIL AND NOTE ON STANDARD DETAIL SHEET.

UNLESS OTHERWISE NOTED, A SEPARATE BID ITEM HAS NOT BEEN ESTABLISHED FOR CONNECTIONS TO EXISTING SYSTEM. CONTRACTOR SHALL INCLUDE COST OF CONNECTIONS TO EXISTING SYSTEM IN THE UNIT PRICE FOR THE PIPE.

THE CONTRACTOR SHALL BE REQUIRED TO CLEAN IMMEDIATELY AFTER INSTALLING WATER LINE WHERE MAIN IS TO BE LAID ON STATE RIGHT-OF-WAY.

GRIP RING RESTRAINTS SHALL BE USED ON ALL M.J. FITTINGS.

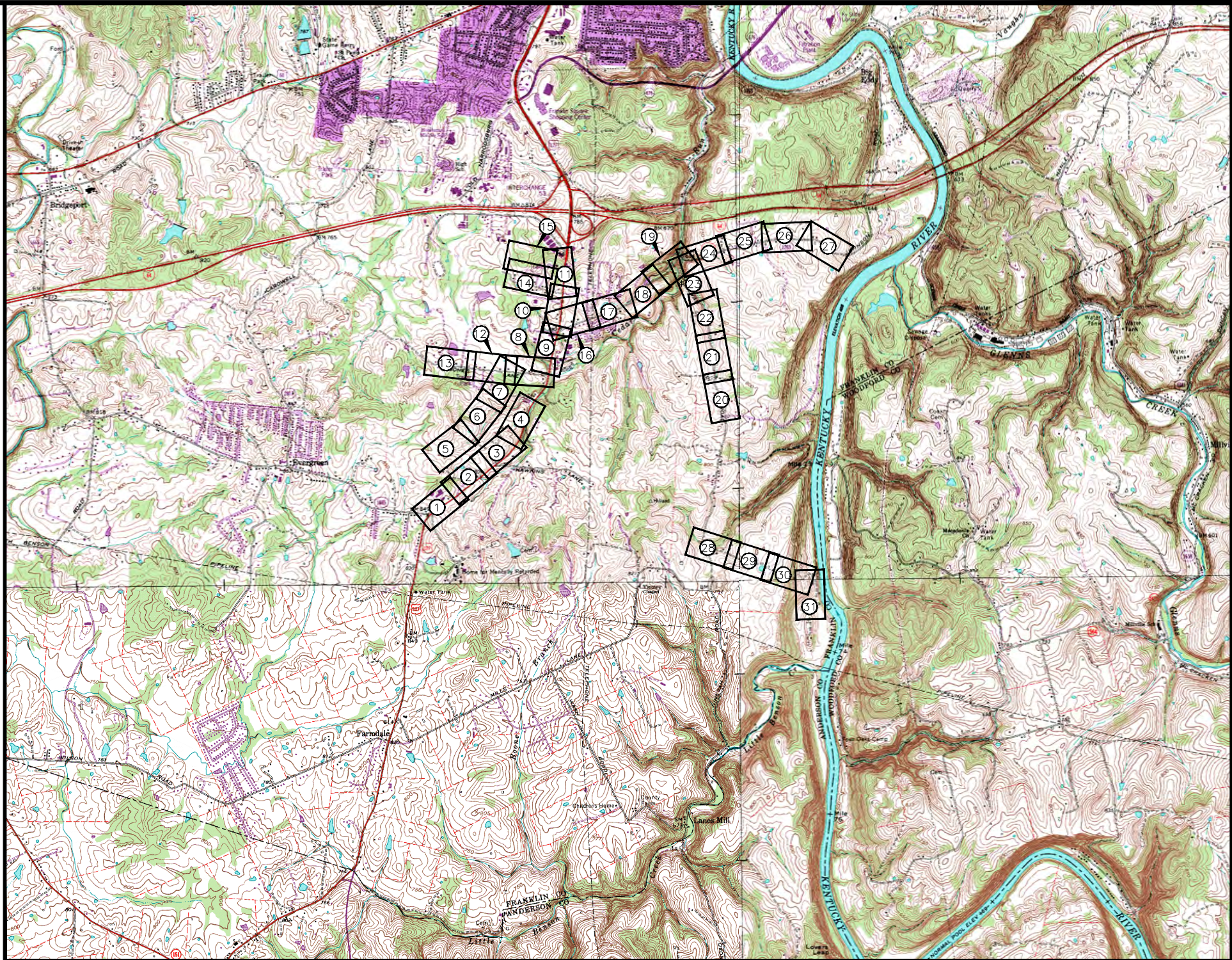
THE FOLLOWING GENERAL NOTES ARE REQUIREMENTS OF THE COMMONWEALTH OF KENTUCKY TRANSPORTATION CABINET PERMIT ENGINEERS. THESE NOTES APPLY WHEN LAYING WATER LINE IN STATE RIGHT-OF-WAY:

ALL WATER LINES BEING PLACED ABOVE CROSS DRAINS NEED TO HAVE AT LEAST ONE (1) FOOT OF SOIL MATERIAL AS A CUSHION BETWEEN LINE AND THE CROSS DRAIN CULVERT. SEE UTILITY CROSSING DETAIL.

ALL PROPOSED WATER LINES TO BE PLACED BEHIND ALL PRIVATE AND COMMERCIAL ENTRANCE CULVERTS.

ALL PROPOSED WATER LINES TO BE PLACED AT BACK OF DITCH LINE IN TIGHT AREAS.

BORE PITS AND TRENCHES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER.



LEGEND

- PROPOSED WATER LINE
- EXISTING WATER LINE
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- AUTOMATIC AIR RELEASE VALVE
- FIRE HYDRANT
- PROPERTY LINE
- BLOWOFF ASSEMBLY
- FENCE

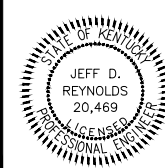
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PROJECT: 4290.00 DATE: JUNE 2024
SCALE: AS NOTED

DESIGNED BY	NAME	DATE
JDR	JDR	
SAB	SAB	
JDR	JDR	
RECORD DWGS.		



3 HMB CIRCLE
FRANKFORT, KENTUCKY
(502) 695-9800
(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**
**GENERAL NOTES / LEGEND / SHEET INDEX /
TOPOGRAPHIC MAP**

SHEET
GN1

P:\engr\4290 Farmdale AC Replace\CAD\CURRENT PLANS 11.13.23 USE\OLD LAWRENCEBURG ROAD.dwg, 5/29/2024 4:11:46 PM, _DWG To PDF.pc3



SEE SHEET 2
MATCH LINE STA. 11+00

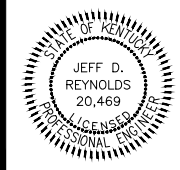
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PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR	JDR	
DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



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(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**LAWRENCEBURG ROAD (KY 1665)
STA. 0+00 - STA. 11+00**

SHEET
1

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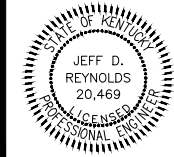


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RECORD DWGS.		

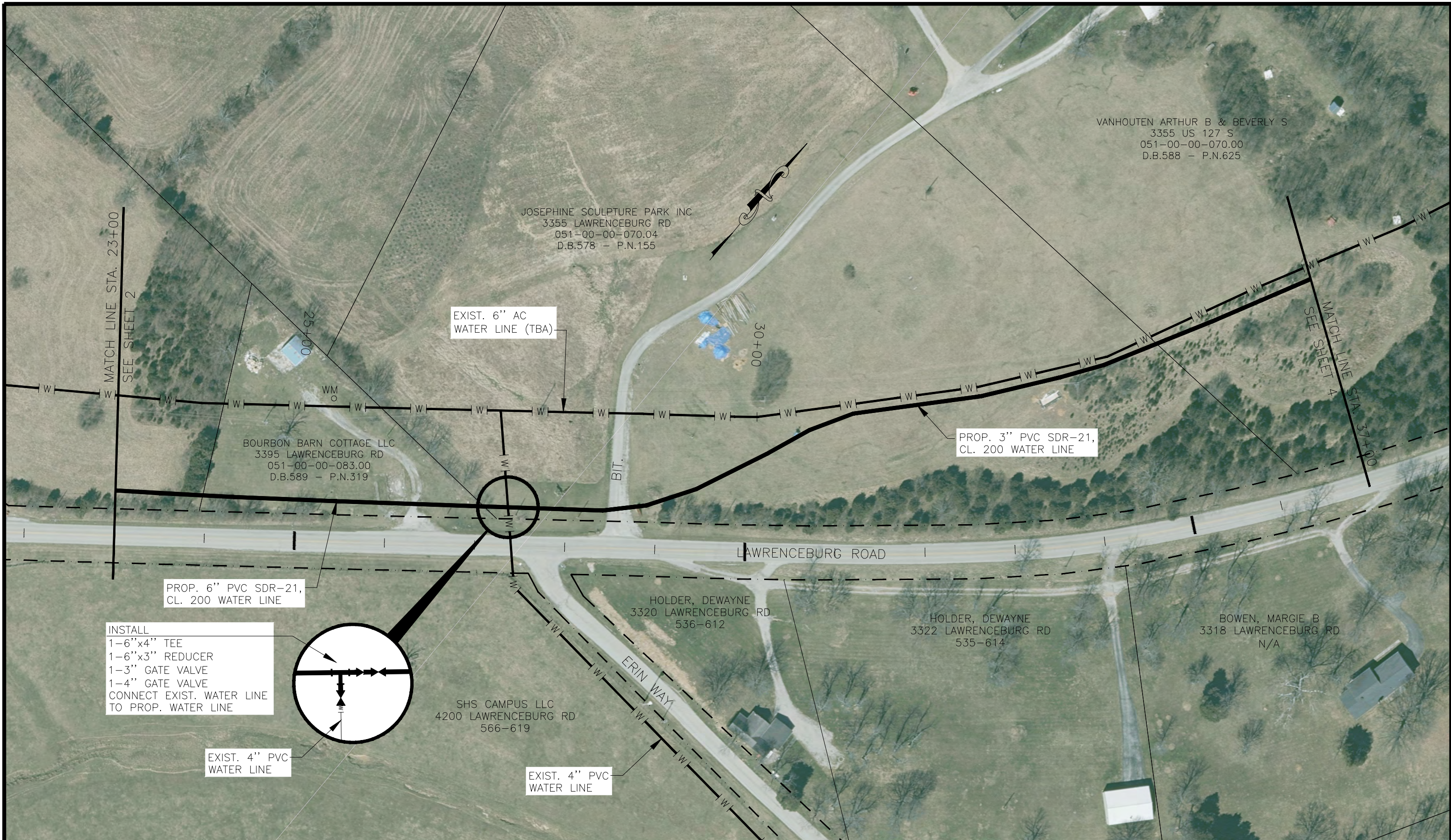


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(502) 695-9810 FAX



AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY
LAWRENCEBURG ROAD (KY 1665)
STA. 11+00 - STA. 23+00

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VANHOUTEN ARTHUR B & BEVERLY S
 3355 US 127 S
 051-00-00-070.00
 D.B.588 - P.N.625

JOSEPHINE SCULPTURE PARK INC
 3355 LAWRENCEBURG RD
 051-00-00-070.04
 D.B.578 - P.N.155

BOURBON BARN COTTAGE LLC
 3395 LAWRENCEBURG RD
 051-00-00-083.00
 D.B.589 - P.N.319

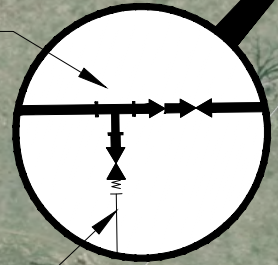
HOLDER, DEWAYNE
 3320 LAWRENCEBURG RD
 536-612

HOLDER, DEWAYNE
 3322 LAWRENCEBURG RD
 535-614

BOWEN, MARGIE B
 3318 LAWRENCEBURG RD
 N/A

SHS CAMPUS LLC
 4200 LAWRENCEBURG RD
 566-619

INSTALL
 1-6"x4" TEE
 1-6"x3" REDUCER
 1-3" GATE VALVE
 1-4" GATE VALVE
 CONNECT EXIST. WATER LINE
 TO PROP. WATER LINE



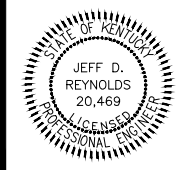
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 SCALE: 1" = 100'

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DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



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 (502) 695-9800
 (502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
 FARMDALE WATER DISTRICT
 FRANKLIN COUNTY, KENTUCKY**

**LAWRENCEBURG ROAD (KY 1665)
 STA. 23+00 - STA. 37+00**

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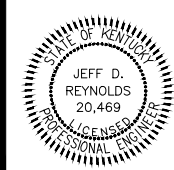


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PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	NAME	DATE
DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



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(502) 695-9810 FAX

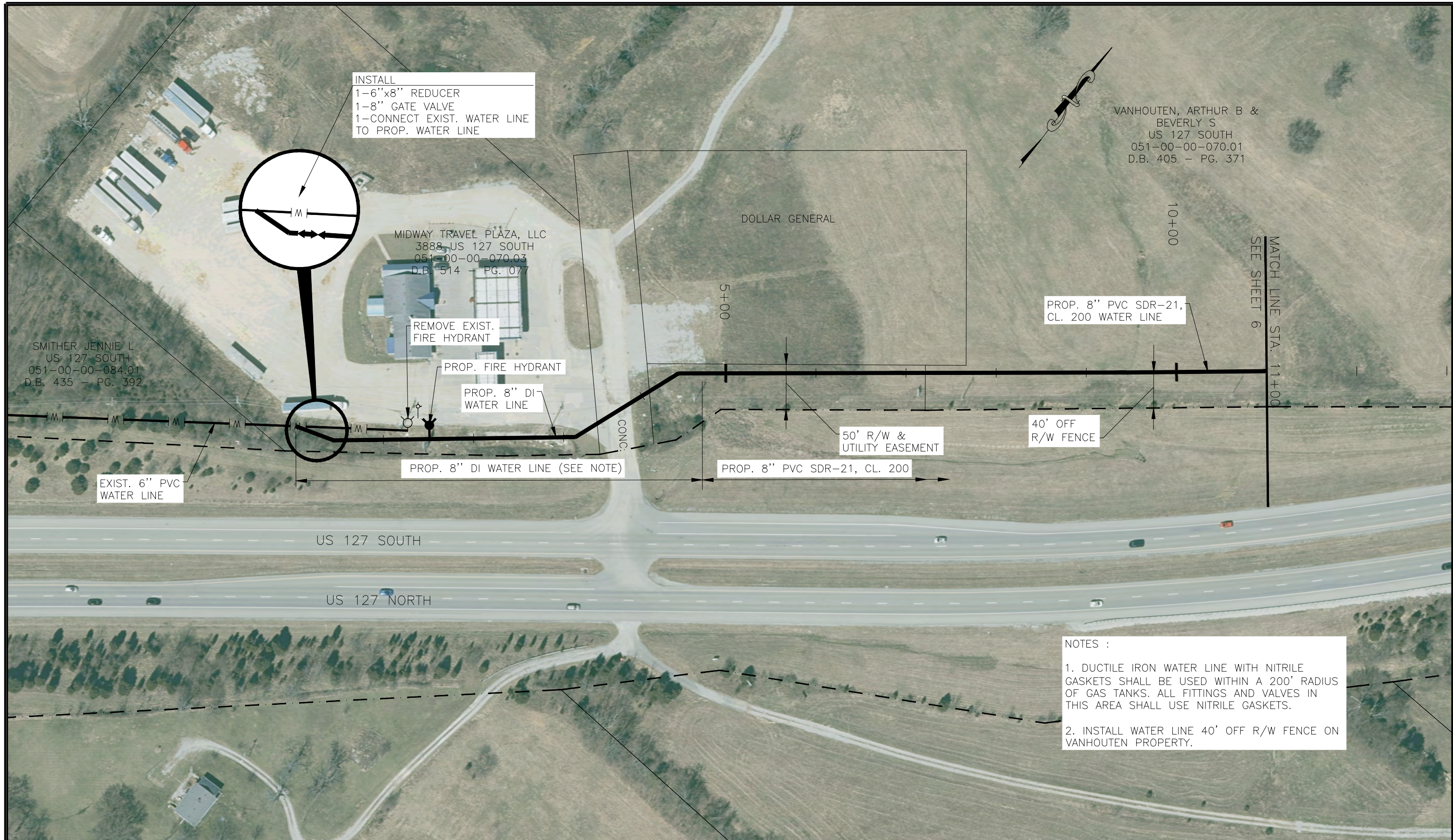


**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**LAWRENCEBURG ROAD (KY 1665)
STA. 37+00 - STA. 45+39**

SHEET
4

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INSTALL
 1-6"x8" REDUCER
 1-8" GATE VALVE
 1-CONNECT EXIST. WATER LINE
 TO PROP. WATER LINE

VANHOUTEN, ARTHUR B &
 BEVERLY S
 US 127 SOUTH
 051-00-00-070.01
 D.B. 405 - PG. 371

MIDWAY TRAVEL PLAZA, LLC
 3888 US 127 SOUTH
 051-00-00-070.03
 D.B. 514 - PG. 077

SMITHER JENNIE L
 US 127 SOUTH
 051-00-00-084.01
 D.B. 435 - PG. 392

REMOVE EXIST.
 FIRE HYDRANT

PROP. FIRE HYDRANT

PROP. 8" DI
 WATER LINE

PROP. 8" DI WATER LINE (SEE NOTE)

EXIST. 6" PVC
 WATER LINE

PROP. 8" PVC SDR-21, CL. 200

50' R/W &
 UTILITY EASEMENT

40' OFF
 R/W FENCE

PROP. 8" PVC SDR-21,
 CL. 200 WATER LINE

MATCH LINE STA. 11+00
 SEE SHEET 6

NOTES :

1. DUCTILE IRON WATER LINE WITH NITRILE GASKETS SHALL BE USED WITHIN A 200' RADIUS OF GAS TANKS. ALL FITTINGS AND VALVES IN THIS AREA SHALL USE NITRILE GASKETS.
2. INSTALL WATER LINE 40' OFF R/W FENCE ON VANHOUTEN PROPERTY.

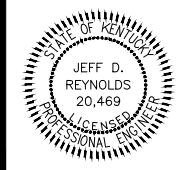
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PROJECT: 4290.00 DATE: JUNE 2024
 SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR	JDR	
DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



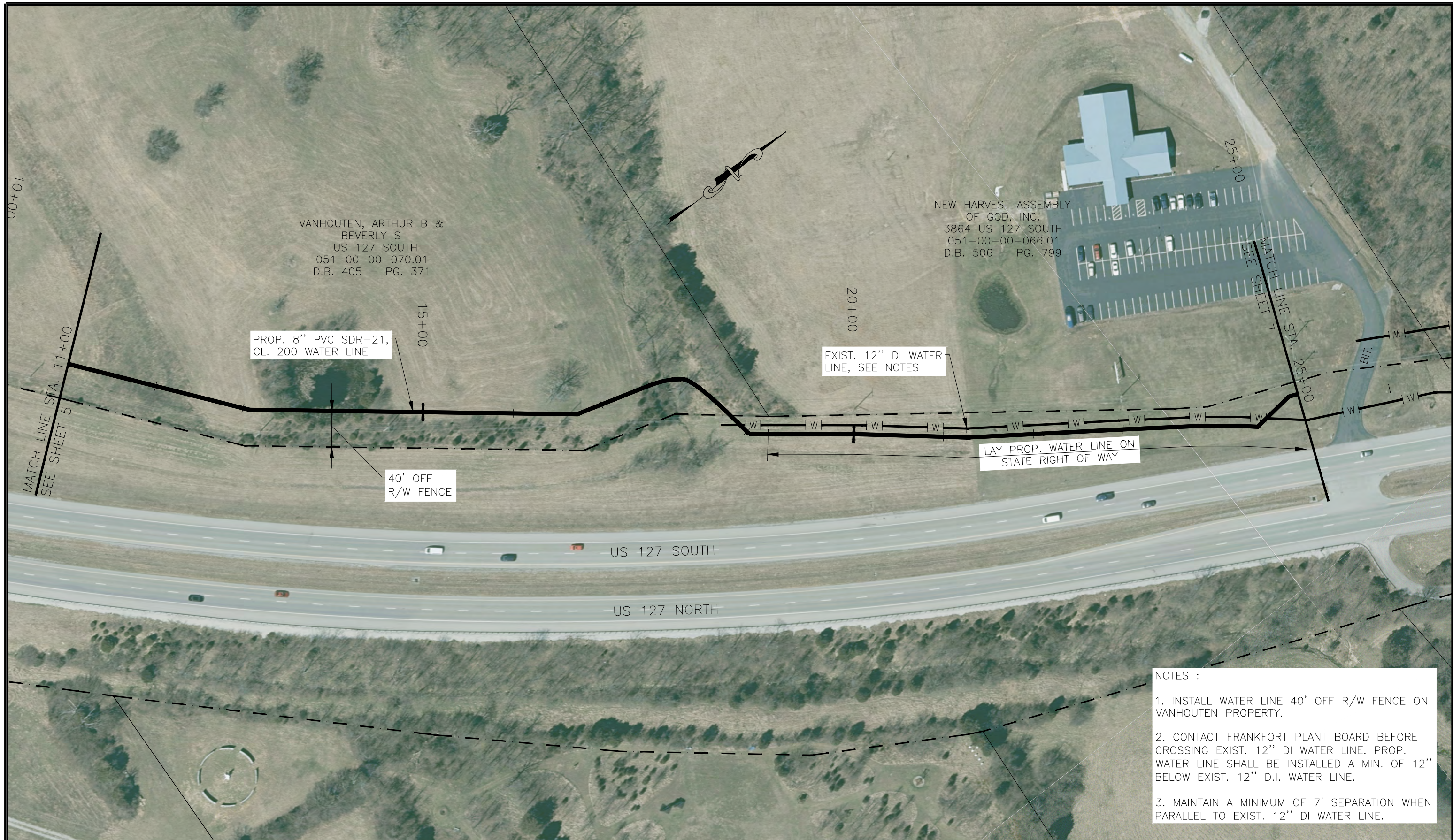
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**AC WATER LINE REPLACEMENT
 FARMDALE WATER DISTRICT
 FRANKLIN COUNTY, KENTUCKY**

**US 127
 STA. 0+00 - STA. 11+00**

SHEET 5



VANHOUTEN, ARTHUR B &
BEVERLY S
US 127 SOUTH
051-00-00-070.01
D.B. 405 - PG. 371

NEW HARVEST ASSEMBLY
OF GOD, INC.
3864 US 127 SOUTH
051-00-00-066.01
D.B. 506 - PG. 799

PROP. 8" PVC SDR-21,
CL. 200 WATER LINE

EXIST. 12" DI WATER
LINE, SEE NOTES

40' OFF
R/W FENCE

LAY PROP. WATER LINE ON
STATE RIGHT OF WAY

- NOTES :
1. INSTALL WATER LINE 40' OFF R/W FENCE ON VANHOUTEN PROPERTY.
 2. CONTACT FRANKFORT PLANT BOARD BEFORE CROSSING EXIST. 12" DI WATER LINE. PROP. WATER LINE SHALL BE INSTALLED A MIN. OF 12" BELOW EXIST. 12" D.I. WATER LINE.
 3. MAINTAIN A MINIMUM OF 7' SEPARATION WHEN PARALLEL TO EXIST. 12" DI WATER LINE.

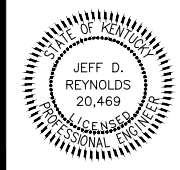
NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
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CHECKED BY	JDR	
RECORD DWGS.		

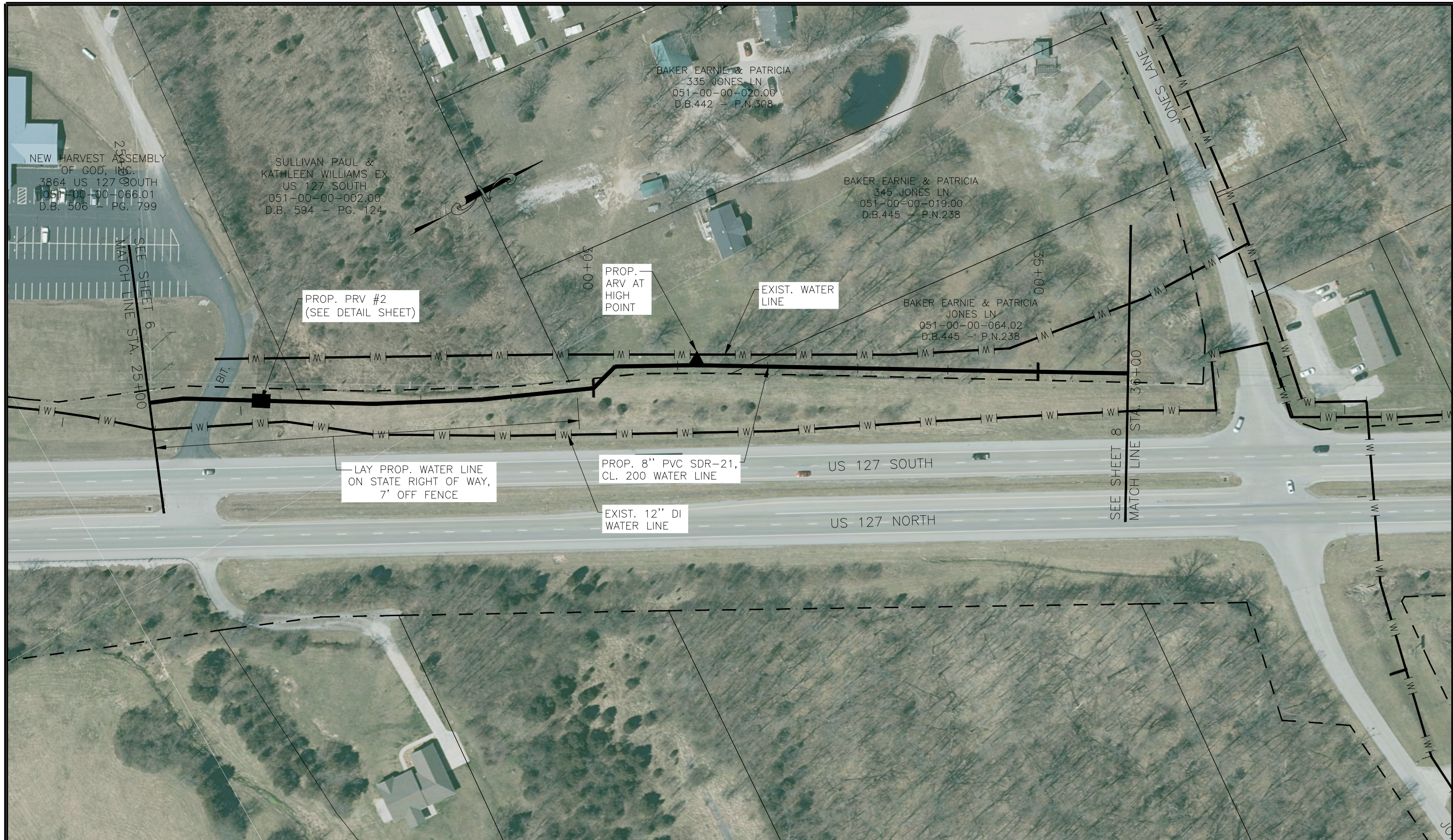


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(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**US 127
STA. 11+00 - STA. 25+00**



NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: 1" = 100'		
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DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



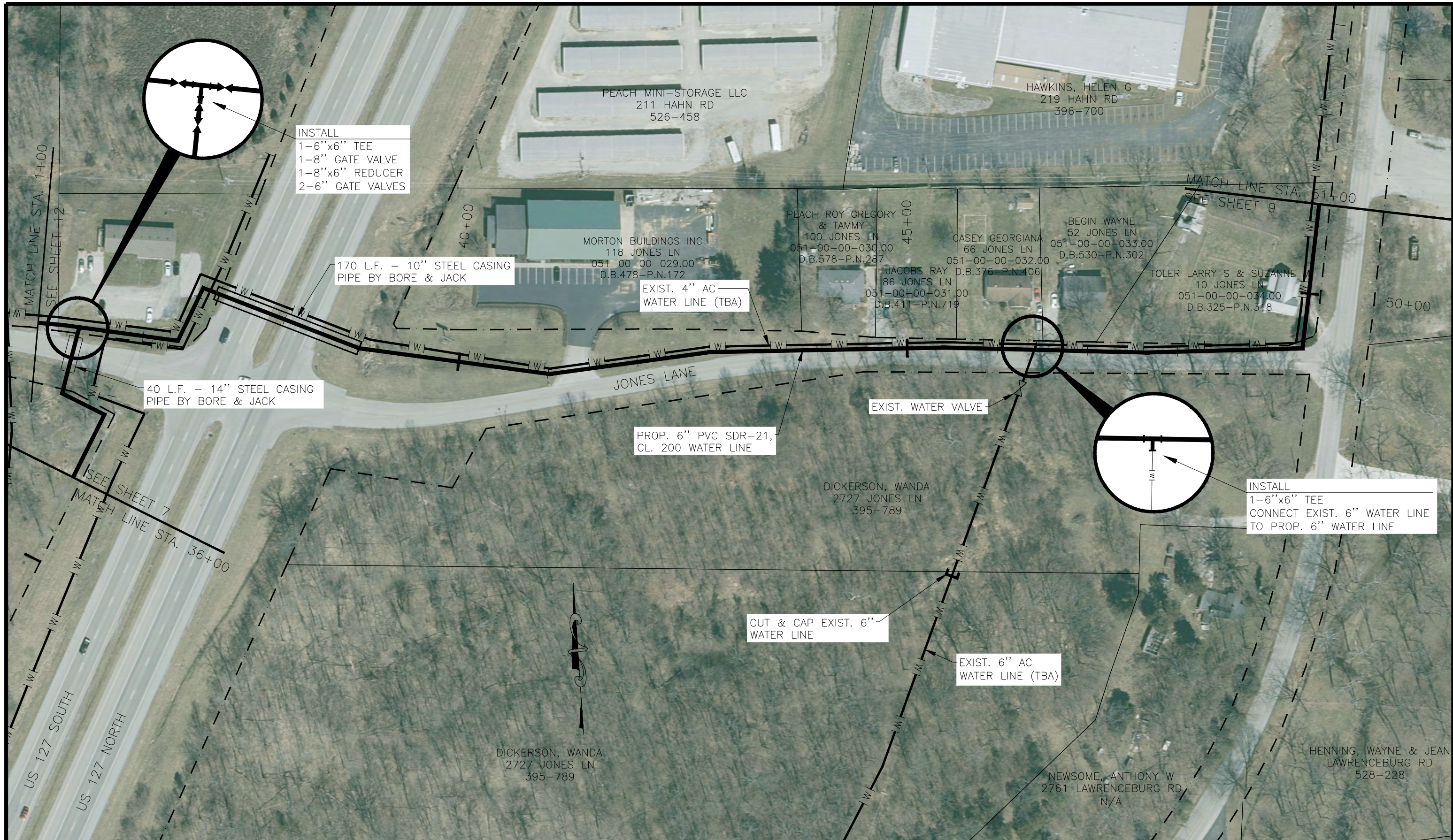
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JEFF D. REYNOLDS
20,469
PROFESSIONAL ENGINEER

**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**US 127
STA. 25+00 - STA. 36+00**

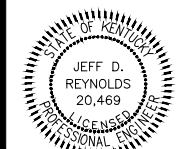


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SCALE: 1" = 100'		
DESIGNED BY	NAME	DATE
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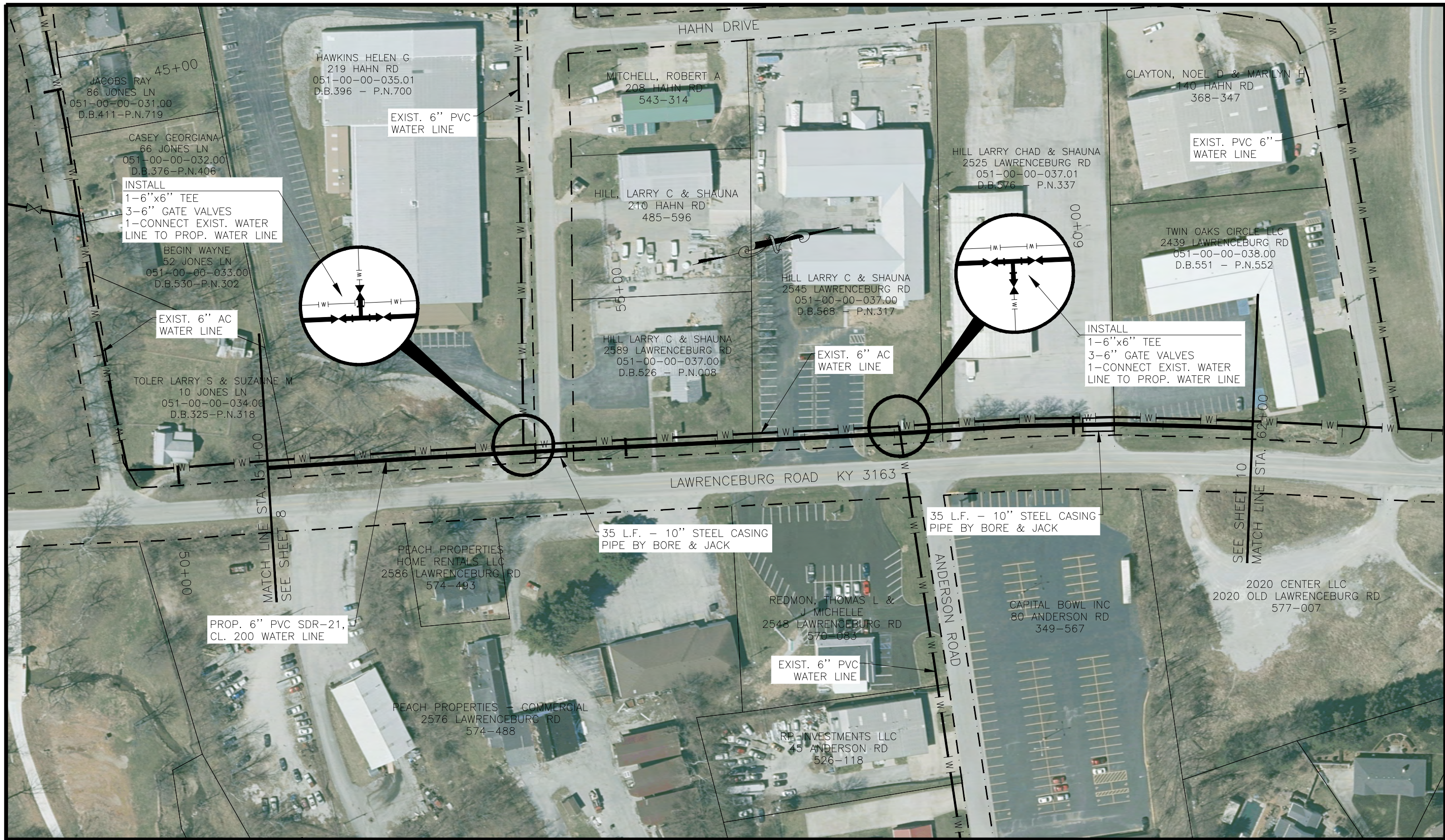
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(502) 695-9810 FAX



JEFF D. REYNOLDS
20,469
LICENSED PROFESSIONAL ENGINEER

**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**JONES LANE
STA. 36+00 - STA. 51+00**

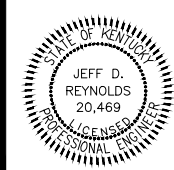


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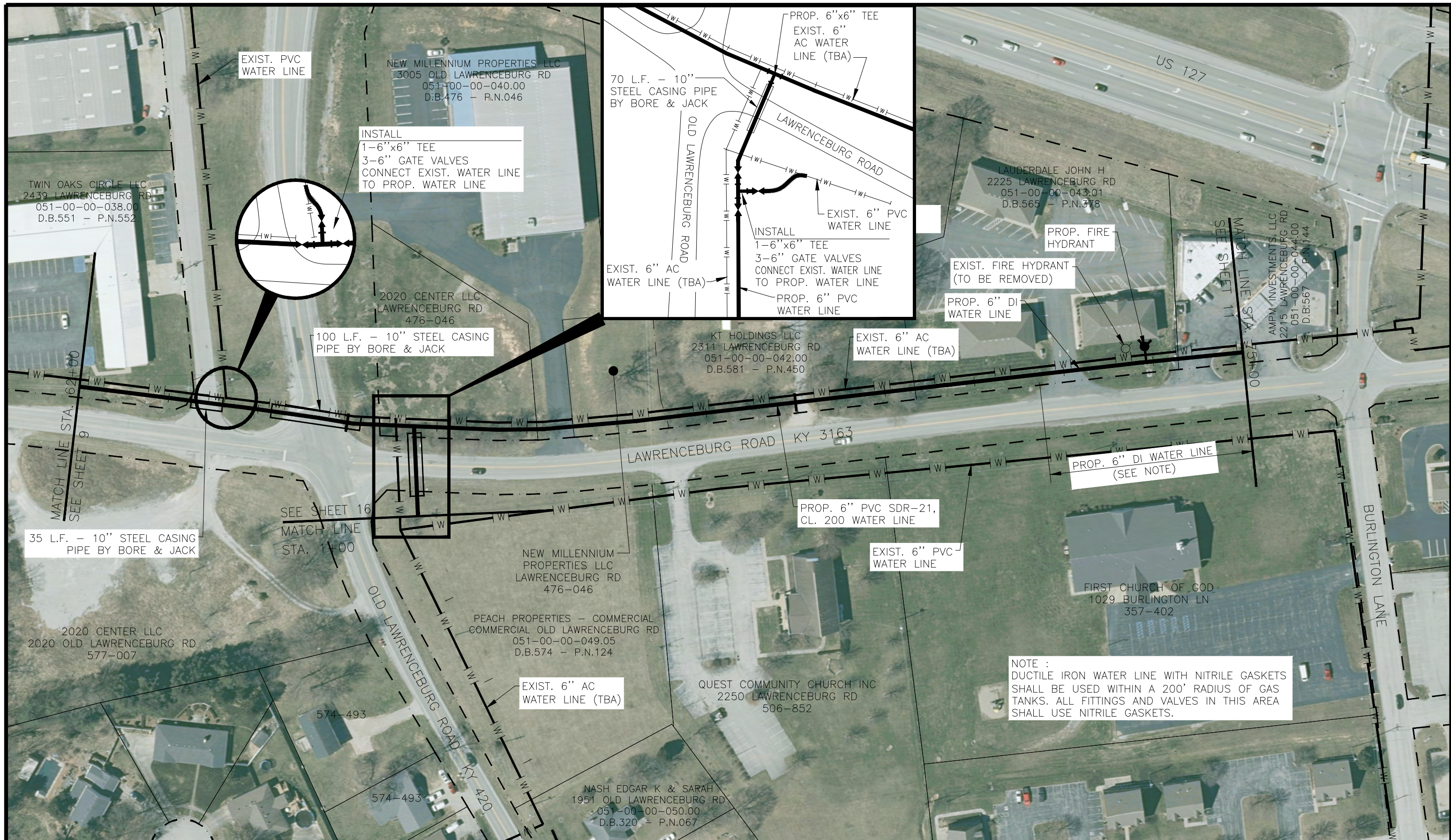


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(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**LAWRENCEBURG ROAD (KY 1665)
STA. 51+00 - STA. 62+00**



35 L.F. - 10" STEEL CASING PIPE BY BORE & JACK

100 L.F. - 10" STEEL CASING PIPE BY BORE & JACK

70 L.F. - 10" STEEL CASING PIPE BY BORE & JACK

INSTALL 1-6"x6" TEE 3-6" GATE VALVES CONNECT EXIST. WATER LINE TO PROP. WATER LINE

INSTALL 1-6"x6" TEE 3-6" GATE VALVES CONNECT EXIST. WATER LINE TO PROP. WATER LINE

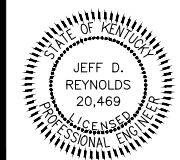
NOTE : DUCTILE IRON WATER LINE WITH NITRILE GASKETS SHALL BE USED WITHIN A 200' RADIUS OF GAS TANKS. ALL FITTINGS AND VALVES IN THIS AREA SHALL USE NITRILE GASKETS.

NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

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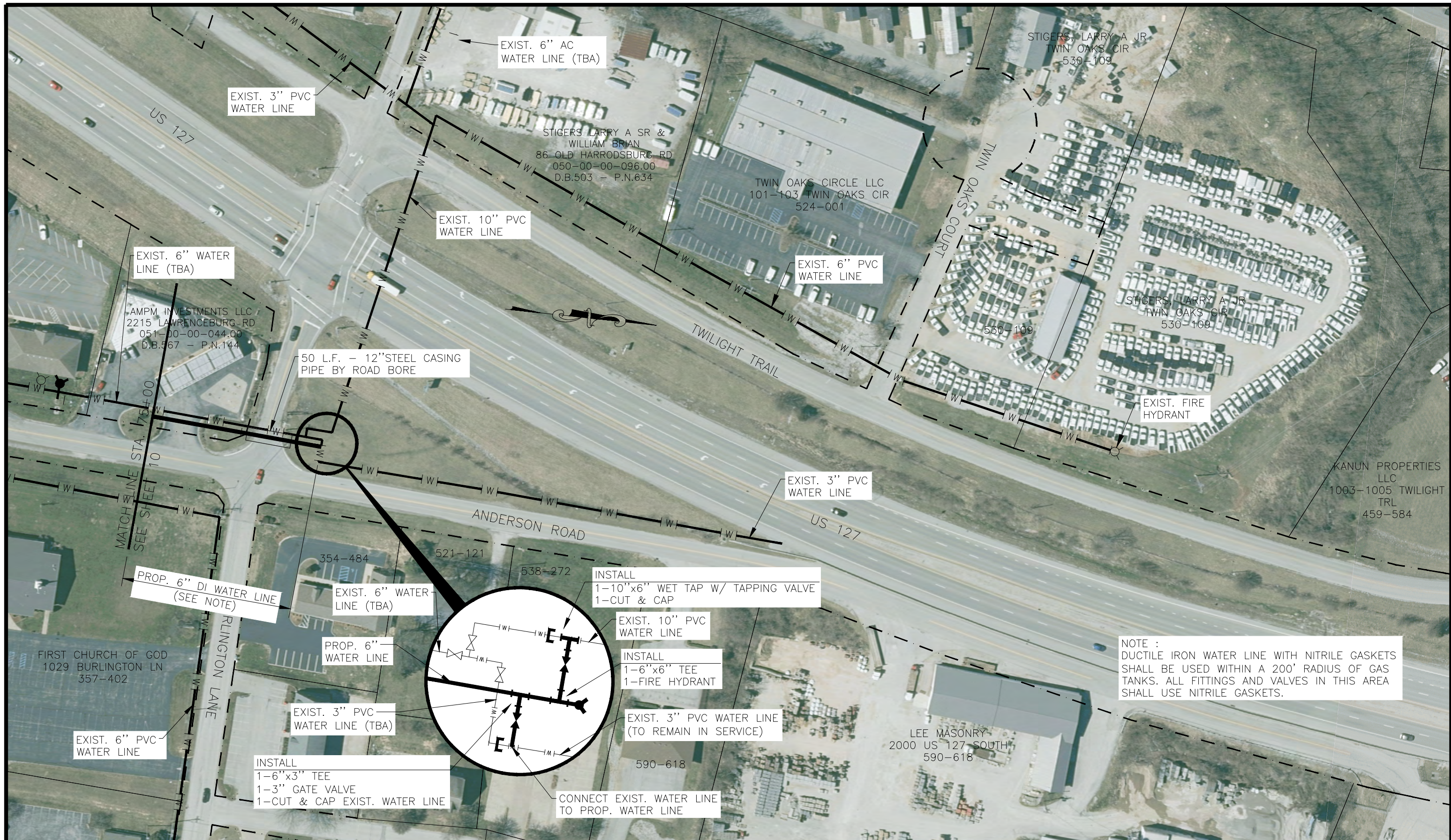
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**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**LAWRENCEBURG ROAD
STA. 62+00 - STA. 75+00**

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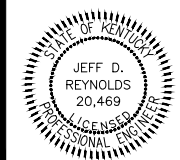
NOTE :
DUCTILE IRON WATER LINE WITH NITRILE GASKETS SHALL BE USED WITHIN A 200' RADIUS OF GAS TANKS. ALL FITTINGS AND VALVES IN THIS AREA SHALL USE NITRILE GASKETS.

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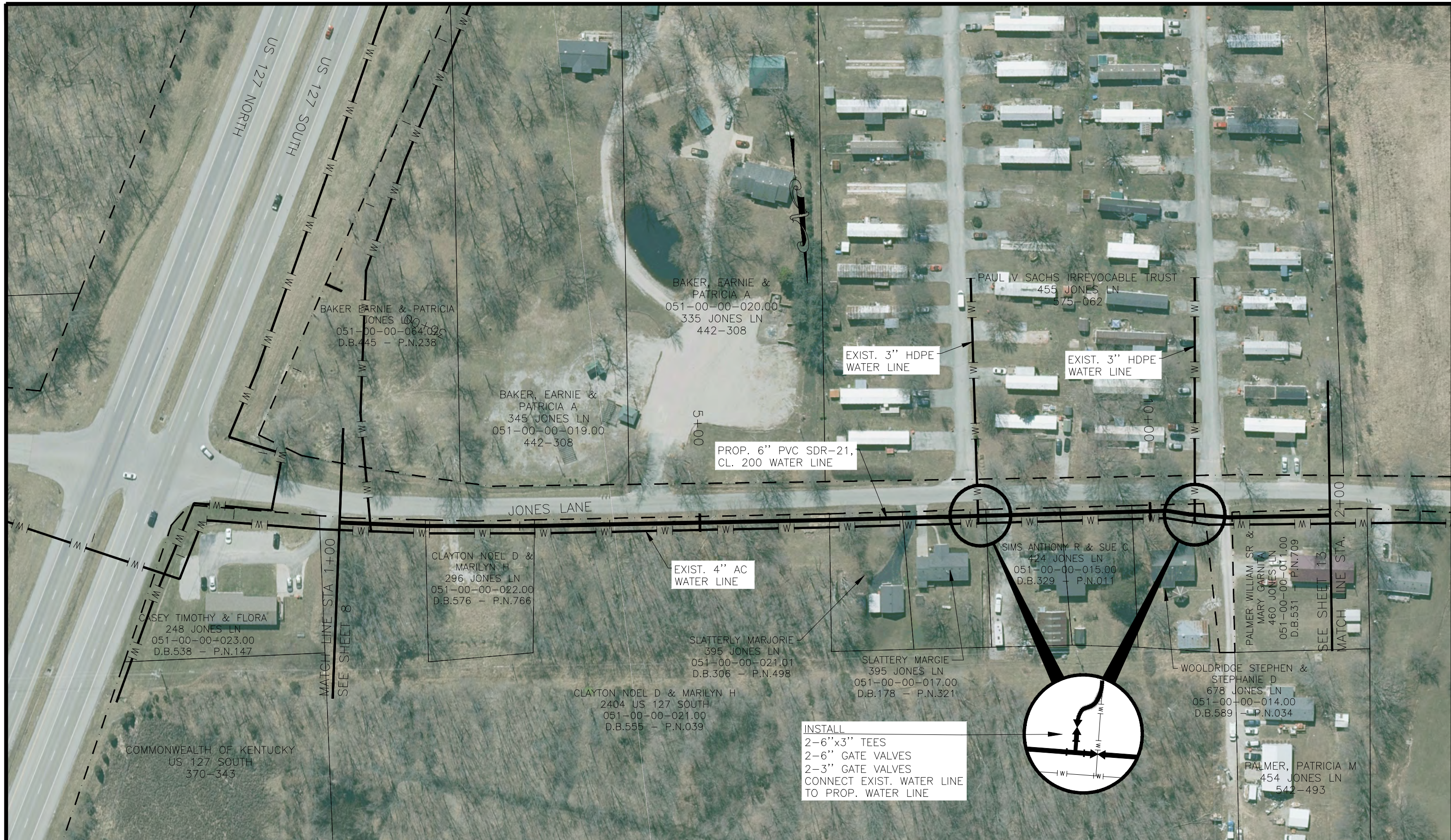


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**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**LAWRENCEBURG ROAD
STA. 75+00 - STA. 76+90**



INSTALL
 2-6"x3" TEES
 2-6" GATE VALVES
 2-3" GATE VALVES
 CONNECT EXIST. WATER LINE
 TO PROP. WATER LINE

NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

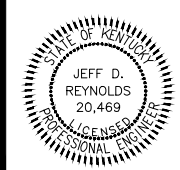
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 SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
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SAB	SAB	
JDR	JDR	

RECORD DWGS.



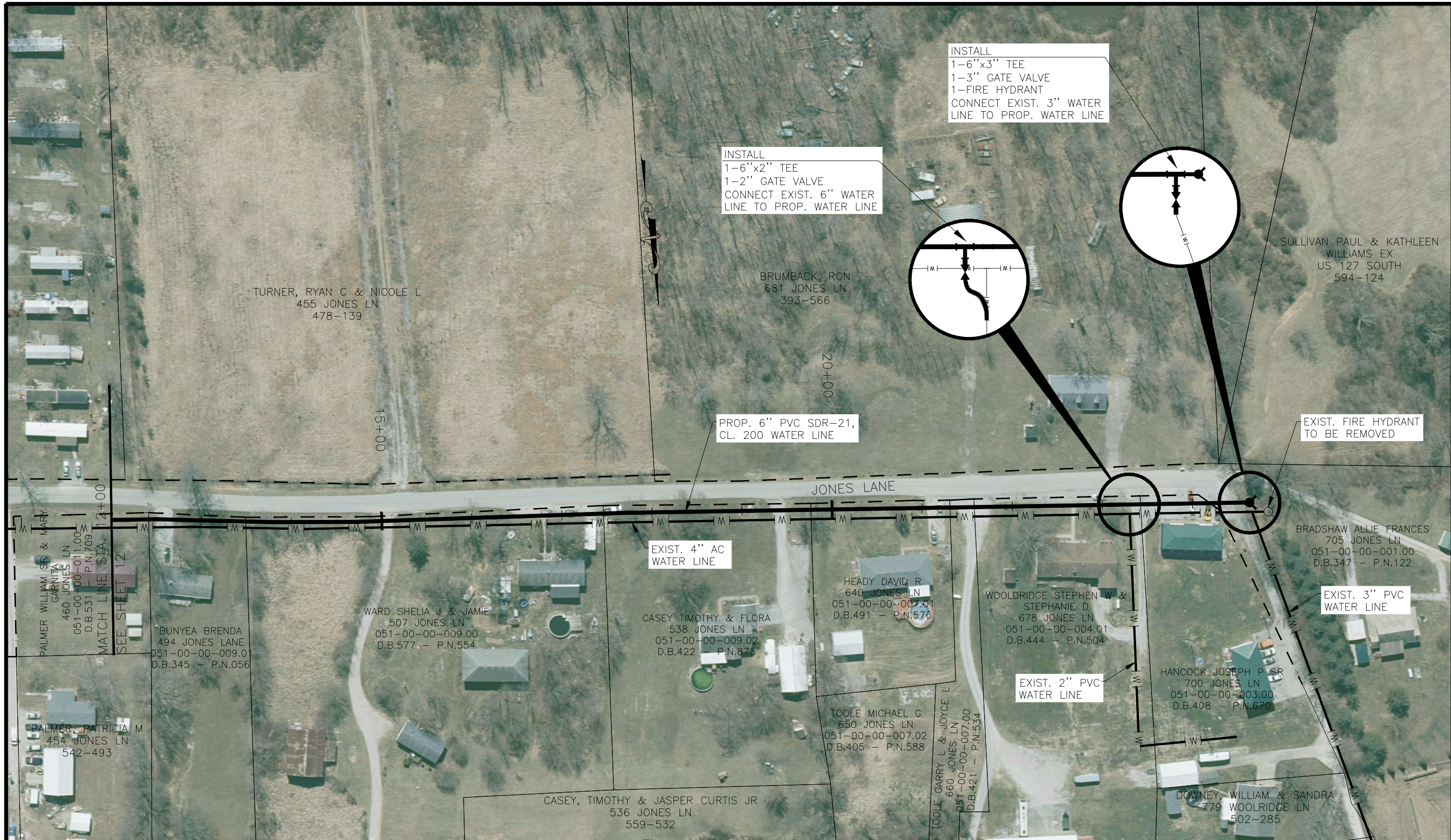
3 HMB CIRCLE
 FRANKFORT, KENTUCKY
 (502) 695-9800
 (502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
 FARMDALE WATER DISTRICT
 FRANKLIN COUNTY, KENTUCKY**

**JONES LANE
 STA. 0+50 - STA. 12+00**

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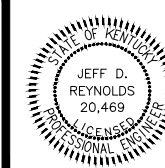


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	JDR	NAME
DRAWN BY	SAB	DATE
CHECKED BY	JDR	
RECORD DWGS.		



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**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**JONES LANE
STA. 12+00 - STA. 24+63**

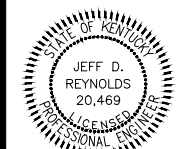


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	NAME	DATE
DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



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(502) 695-9810 FAX

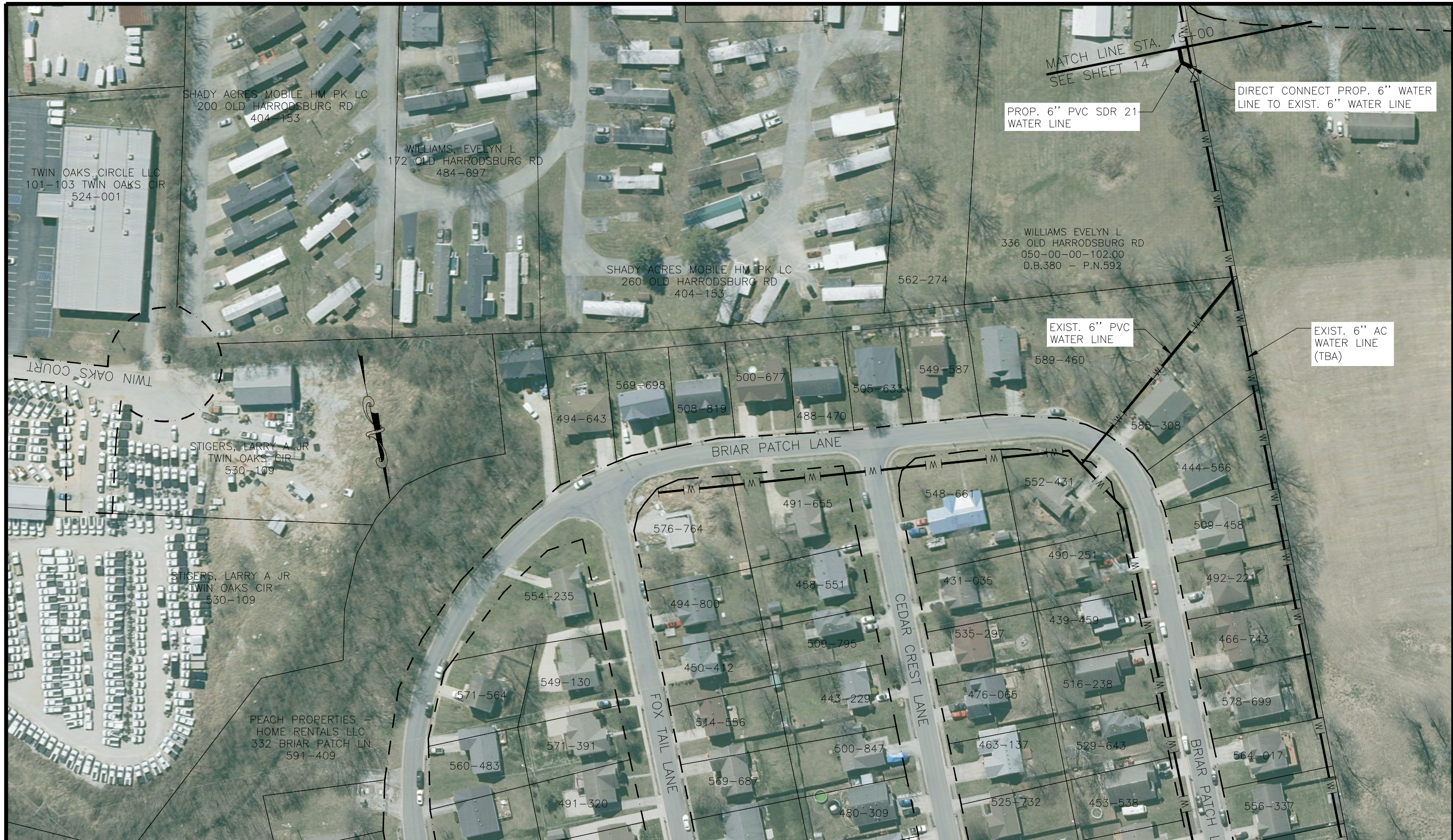


JEFF D. REYNOLDS
20,469
LICENSED PROFESSIONAL ENGINEER

**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**OLD HARRODSBURG ROAD
STA. 0+00 - STA. 15+00**

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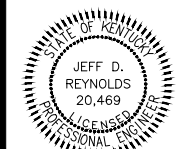
PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR <td>JDR <td> </td> </td>	JDR <td> </td>	
SAB <td>SAB <td> </td> </td>	SAB <td> </td>	
JDR <td>JDR <td> </td> </td>	JDR <td> </td>	

RECORD DWGS.



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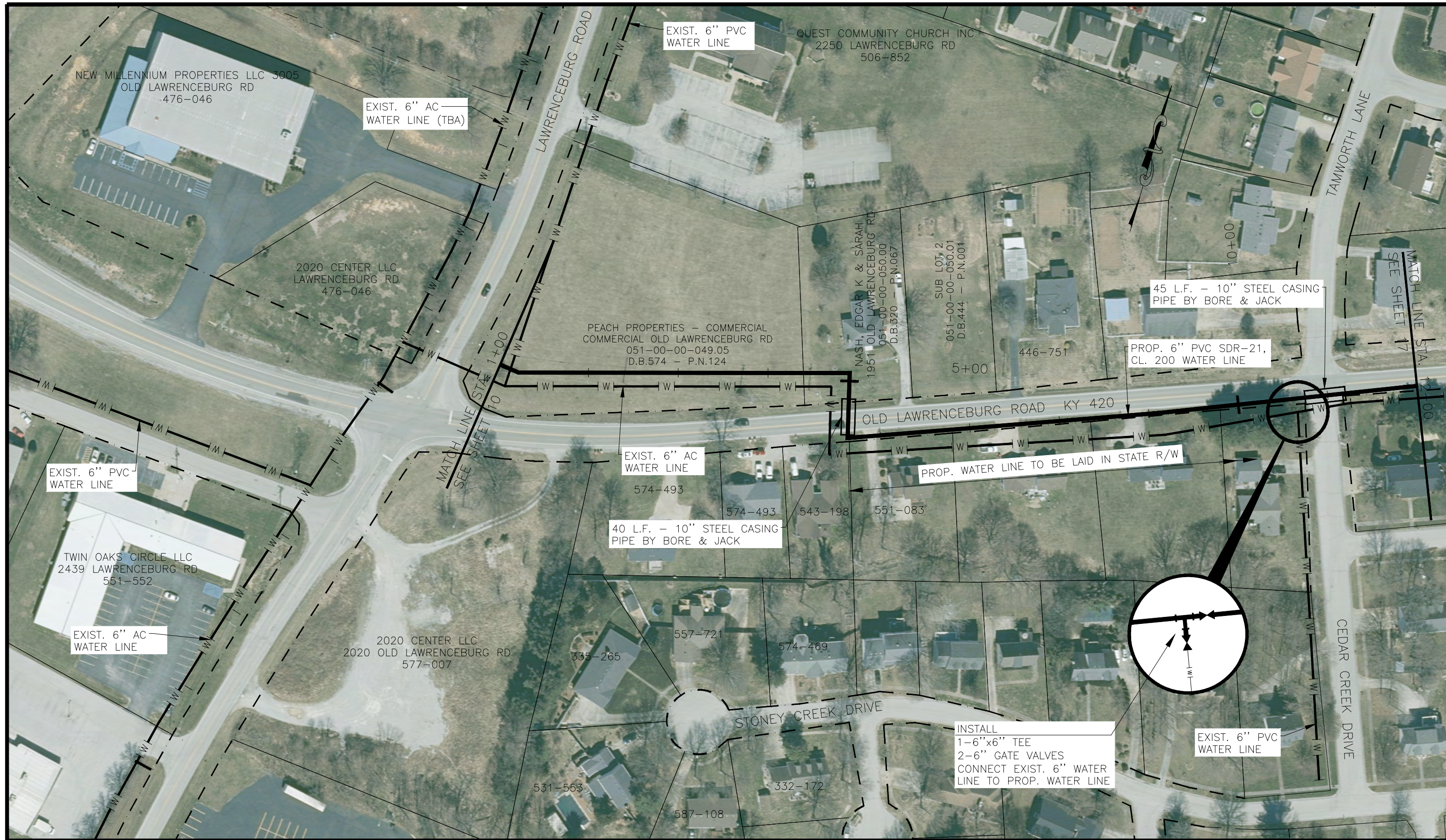


JEFF D. REYNOLDS
20,469
LICENSED PROFESSIONAL ENGINEER

**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**OLD HARRODSBURG ROAD
STA. 15+00 - STA. 15+25**

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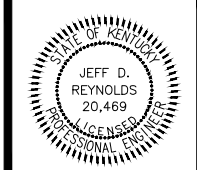


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 429000 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	NAME	DATE
DRAWN BY	JDR	
CHECKED BY	SAB	
RECORD DWGS.	JDR	



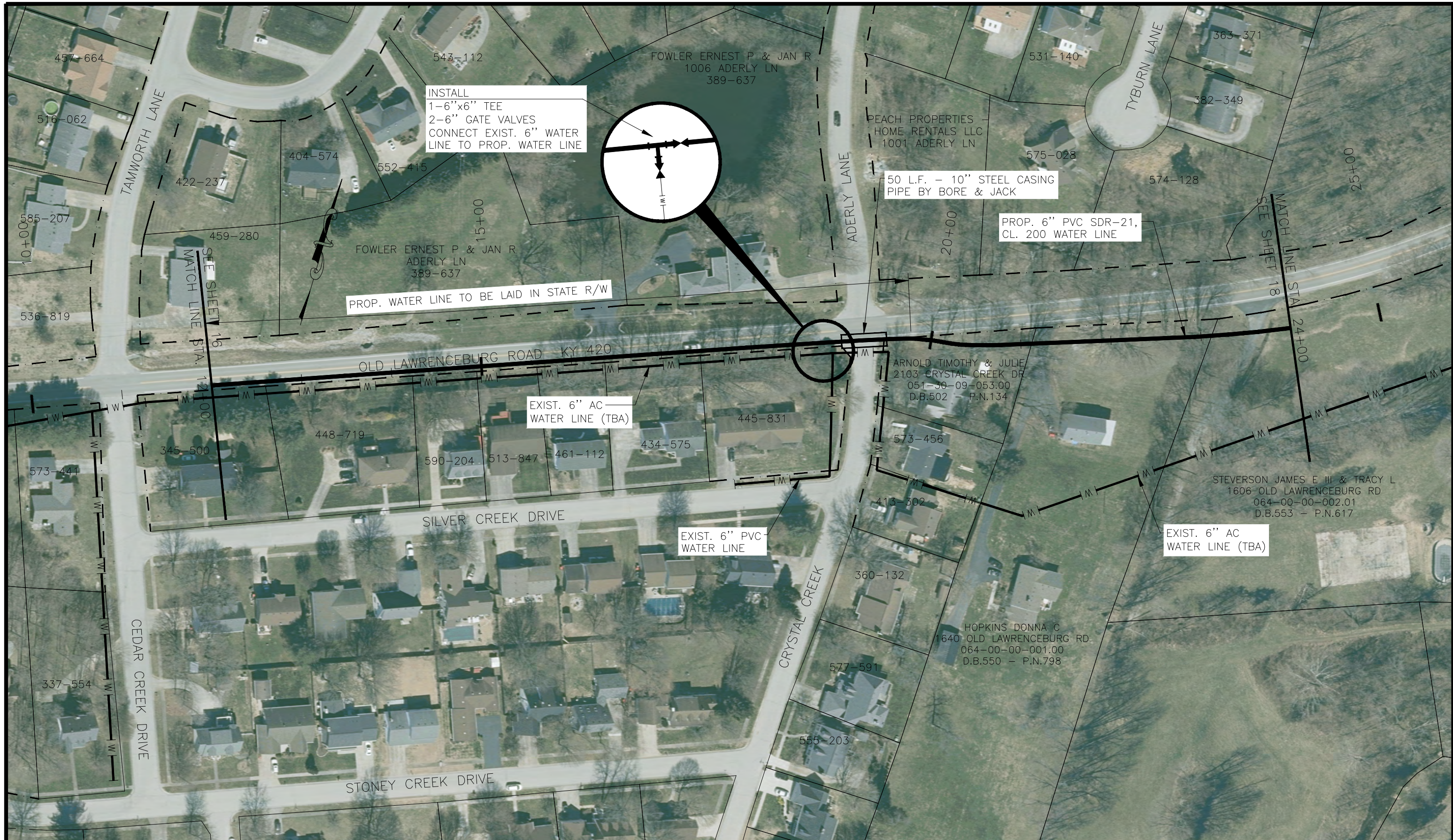
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(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**OLD LAWRENCEBURG ROAD (KY 420)
STA. 1+00 - STA. 12+00**

SHEET
16



INSTALL
 1-6"x6" TEE
 2-6" GATE VALVES
 CONNECT EXIST. 6" WATER
 LINE TO PROP. WATER LINE

50 L.F. - 10" STEEL CASING
 PIPE BY BORE & JACK

PROP. 6" PVC SDR-21,
 CL. 200 WATER LINE

PROP. WATER LINE TO BE LAID IN STATE R/W

EXIST. 6" AC
 WATER LINE (TBA)

EXIST. 6" PVC
 WATER LINE

EXIST. 6" AC
 WATER LINE (TBA)

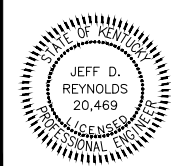
NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024
 SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR	JDR	
SAB	SAB	
JDR	JDR	
RECORD DWGS.		



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**AC WATER LINE REPLACEMENT
 FARMDALE WATER DISTRICT
 FRANKLIN COUNTY, KENTUCKY**
**OLD LAWRENCEBURG ROAD (KY 420)
 STA. 12+00 - STA. 24+00**

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NOTES :

- CONTRACTOR SHALL CONTACT MARIA STEVERSON TO LOCATE SEPTIC AND UNDERGROUND UTILITIES ON PROPERTY.
- MARIA STEVERSON'S SERVICE LINE SHALL BE INSTALLED BY DIRECTIONAL BORE FROM MAIN TO NEW WATER METER LOCATION AND EXIST. WATER METER LOCATION.

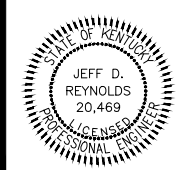
NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR	JDR	
SAB	SAB	
JDR	JDR	



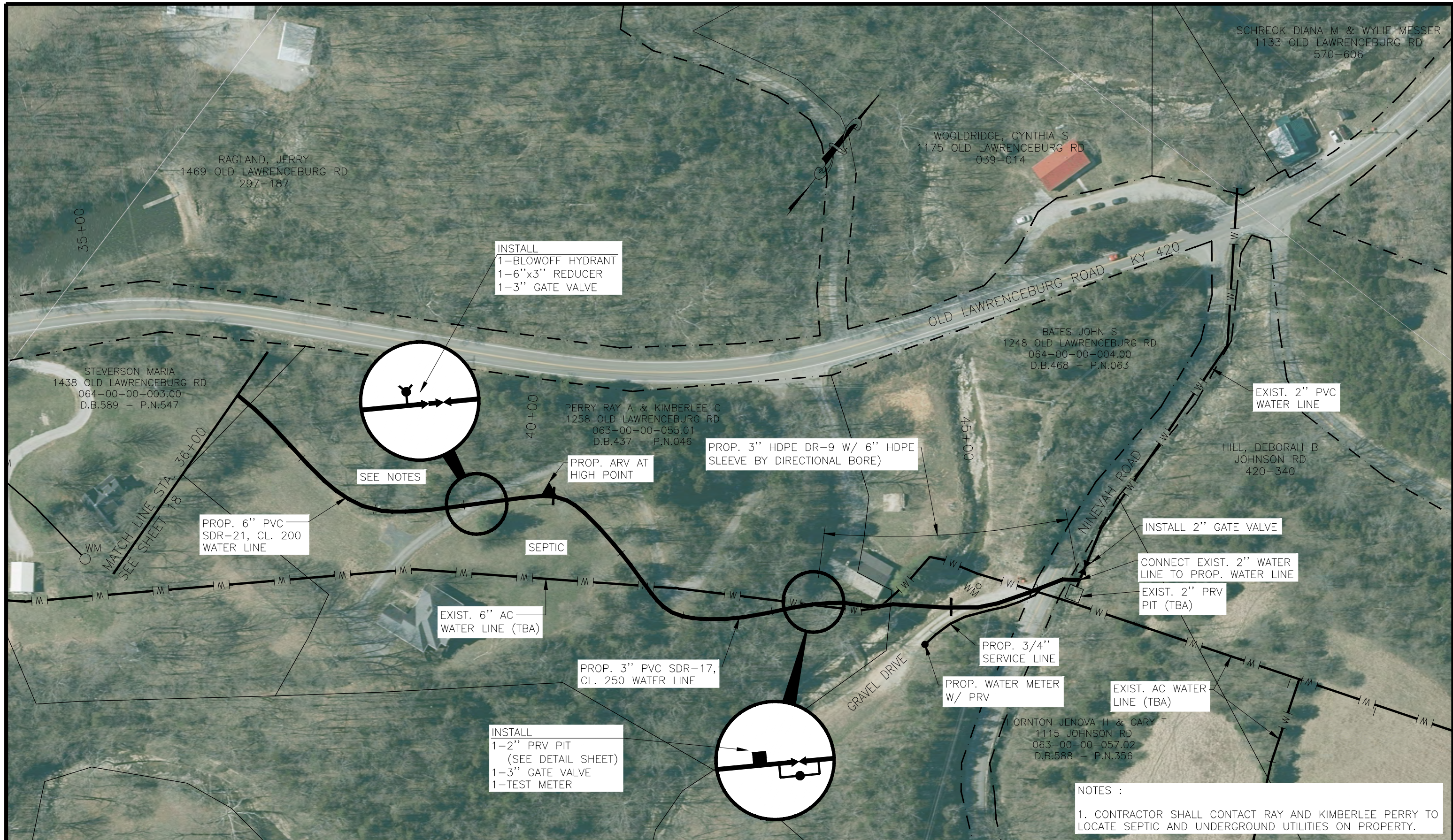
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**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**OLD LAWRENCEBURG ROAD (KY 420)
STA. 24+00 - STA. 36+00**

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NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR	JDR	
SAB	SAB	
JDR	JDR	



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JEFF D. REYNOLDS
20,469
LICENSED PROFESSIONAL ENGINEER

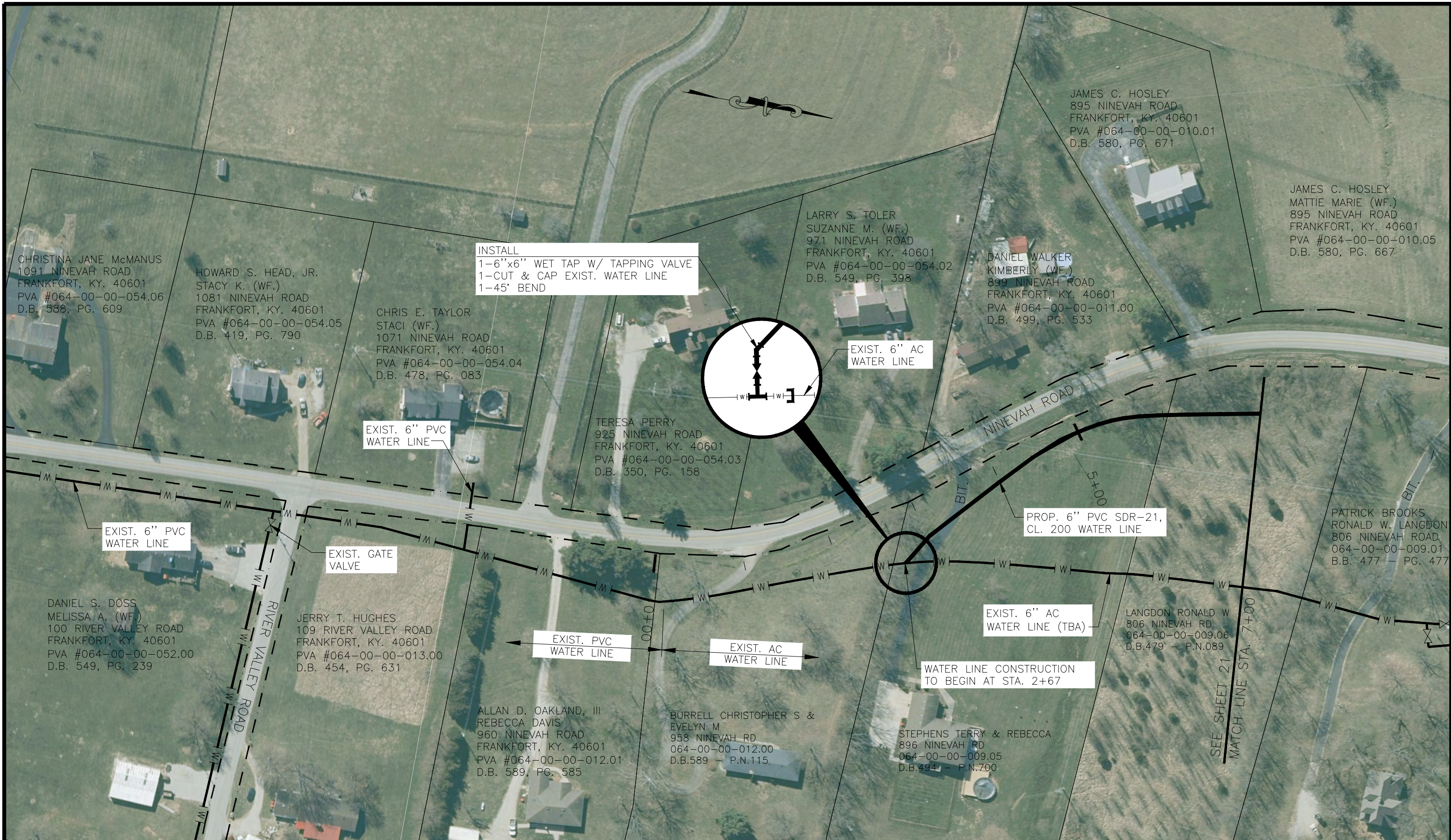
**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**OLD LAWRENCEBURG ROAD (KY 420)
STA. 36+00 - STA. 46+65**

SHEET
19

NOTES :
1. CONTRACTOR SHALL CONTACT RAY AND KIMBERLEE PERRY TO LOCATE SEPTIC AND UNDERGROUND UTILITIES ON PROPERTY.

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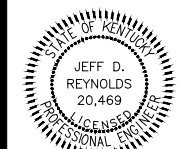


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	NAME	DATE
DRAWN BY	SAB	
CHECKED BY	JDR	
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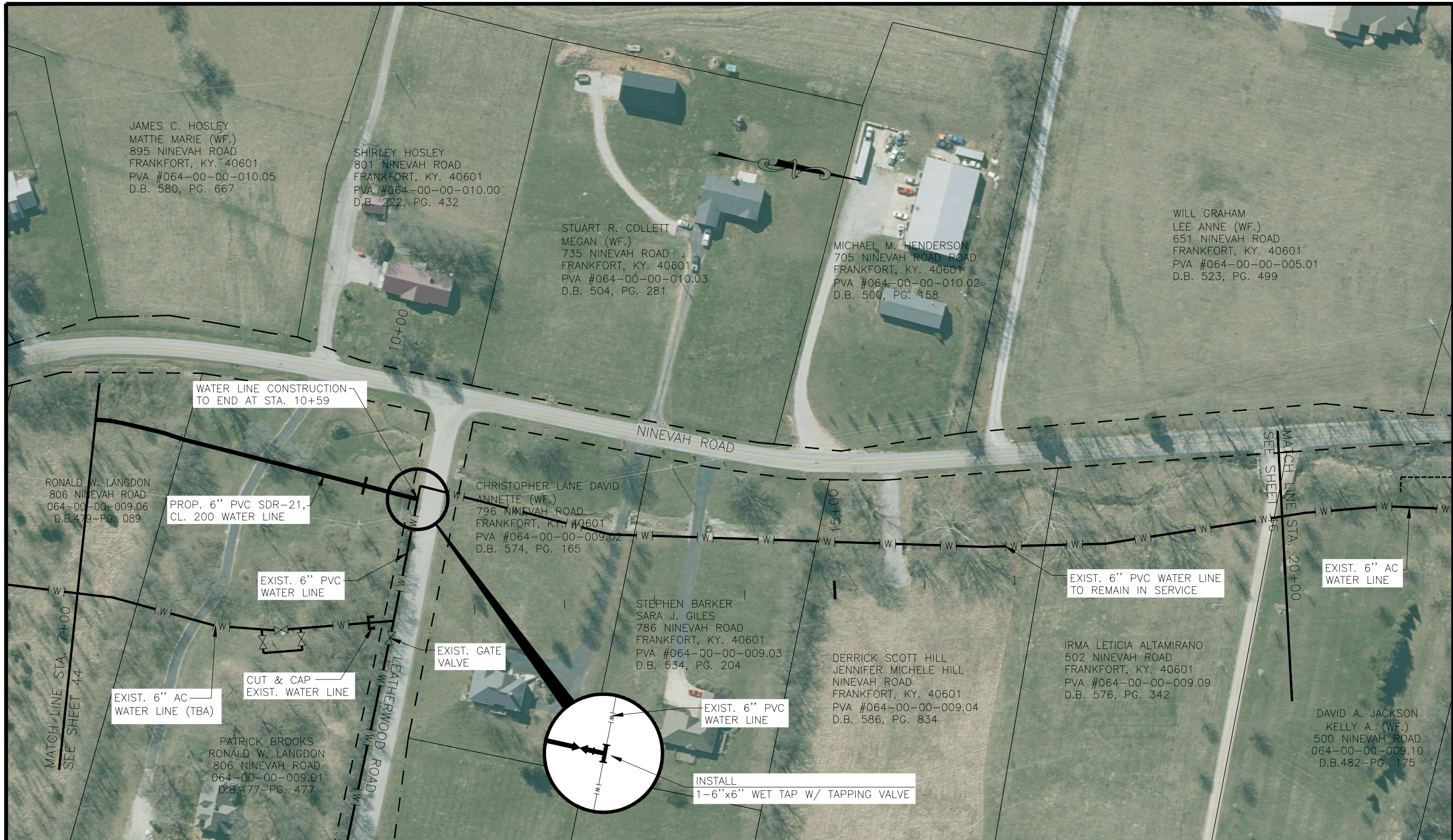
JEFF D. REYNOLDS
20,469
PROFESSIONAL ENGINEER

**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**NINEVAH ROAD
STA. 0+00 - STA. 7+00**

SHEET
20

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JAMES C. HOSLEY
MATTIE MARIE (WF.)
895 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-010.05
D.B. 580, PG. 667

SHIRLEY HOSLEY
801 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-010.00
D.B. 222, PG. 432

STUART R. COLLETT
MEGAN (WF.)
735 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-010.03
D.B. 504, PG. 281

MICHAEL M. HENDERSON
705 NINEVAH ROAD ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-010.02
D.B. 500, PG. 158

WILL GRAHAM
LEE ANNE (WF.)
651 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-005.01
D.B. 523, PG. 499

RONALD W. LANGDON
806 NINEVAH ROAD
064-00-00-009.06
D.B.479-PG. 089

PROP. 6" PVC SDR-21,
CL. 200 WATER LINE

CHRISTOPHER LANE DAVID
ANNETTE (WF.)
796 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-009.02
D.B. 574, PG. 165

STEPHEN BARKER
SARA J. GILES
786 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-009.03
D.B. 534, PG. 204

DERRICK SCOTT HILL
JENNIFER MICHELE HILL
NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-009.04
D.B. 586, PG. 834

IRMA LETICIA ALTAMIRANO
502 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-009.09
D.B. 576, PG. 342

DAVID A. JACKSON
KELLY A. (WF.)
500 NINEVAH ROAD
064-00-00-009.10
D.B.482-PG. 175

EXIST. 6" AC
WATER LINE (TBA)

CUT & CAP
EXIST. WATER LINE

EXIST. GATE
VALVE

EXIST. 6" PVC
WATER LINE

INSTALL
1-6"x6" WET TAP W/ TAPPING VALVE

EXIST. 6" PVC WATER LINE
TO REMAIN IN SERVICE

EXIST. 6" AC
WATER LINE

NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR <td>JDR <td> </td> </td>	JDR <td> </td>	
SAB <td>SAB <td> </td> </td>	SAB <td> </td>	
JDR <td>JDR <td> </td> </td>	JDR <td> </td>	



3 HMB CIRCLE
FRANKFORT, KENTUCKY
(502) 695-9800
(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**NINEVAH ROAD
STA. 7+00 - STA. 20+00**

SHEET
21

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WILL GRAHAM
LEE ANNE (WF.)
651 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-005.01
D.B. 523, PG. 499

GRAHAM HOWARD & ELIZABETH LIV TRUSTS
463 NINEVAH RD
470-364

CHARLES COLEMAN MOORE
428 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-006.00
D.B. 505, PG. 042

ROBIN MOORE
448 NINEVAH ROAD
FRANKFORT, KY. 40601
PVA #064-00-00-007.00
D.B. 555, PG. 330

JACKSON DAVID A & KELLY A.
496 NINEVAH ROAD
064-00-00-008.01

JACKSON DAVID A & KELLY A.
500 NINEVAH ROAD
064-00-00-009.10
D.B. 482-P.N. 175

JACKSON DAVID A & KELLY A.
480 NINEVAH ROAD
064-00-00-008.00
D.B.559-P.N. 187

THORNTON JENOVA H & GARY T
1115 JOHNSON RD
063-00-00-057.02
D.B.588 - P.N.356

EXIST. 6" PVC
WATER LINE

INSTALL
1-6"x6" WET TAP W/ TAPPING VALVE
1-CUT & CAP EXIST. WATER LINE
CONTRACTOR SHALL DETERMINE WHERE THE EXIST. PVC
WATER LINE TRANSITIONS TO EXIST. AC WATER LINE

EXIST. 6" AC WATER
LINE (TBA)

EXISTING SERVICE LINE
TO BE CONNECTED TO
PROP. WATERLINE

PROP. PRV #1
SEE DETAIL SHEET

EXIST. 6" PVC
WATER LINE

EXIST. 6" AC WATER
LINE (TBA)

PROP. 6" PVC SDR-21,
CL. 200 WATER LINE

EXIST. 6" AC
WATER LINE
(TBA)

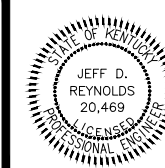
NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR	JDR	
SAB	SAB	
JDR	JDR	



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(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**NINEVAH ROAD
STA. 20+00 - STA. 35+00**

SHEET
22

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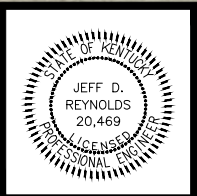


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	NAME	DATE
DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



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**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**NINEVAH ROAD
STA. 35+00 - STA. 46+00**

SHEET
23

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STEVERSON, LARRY K 1140
JOHNSON RD
521-479



MCPARTLAND THOMAS J
1141 JOHNSON RD
063-00-00-057.01
D.B.424 - P.N.694

HILL DEBORAH B
JOHNSON RD
063-00-00-057.00
D.B.420 - P.N.340

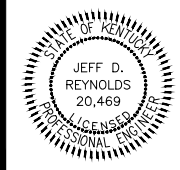
THORNTON JENOVA H & GARY T
1115 JOHNSON RD
063-00-00-057.02
D.B.588 - P.N.356

NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
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DESIGNED BY	NAME	DATE
DRAWN BY	SAB	
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RECORD DWGS.		



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(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**JOHNSON ROAD (KY 1263)
STA. 46+00 - STA. 60+00**

SHEET
24

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NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR	JDR	
SAB	SAB	
JDR	JDR	
RECORD DWGS.		



3 HMB CIRCLE
FRANKFORT, KENTUCKY
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(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**JOHNSON ROAD (KY 1263)
STA. 60+00 - STA. 76+00**

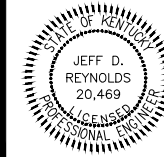


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	NAME	DATE
DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



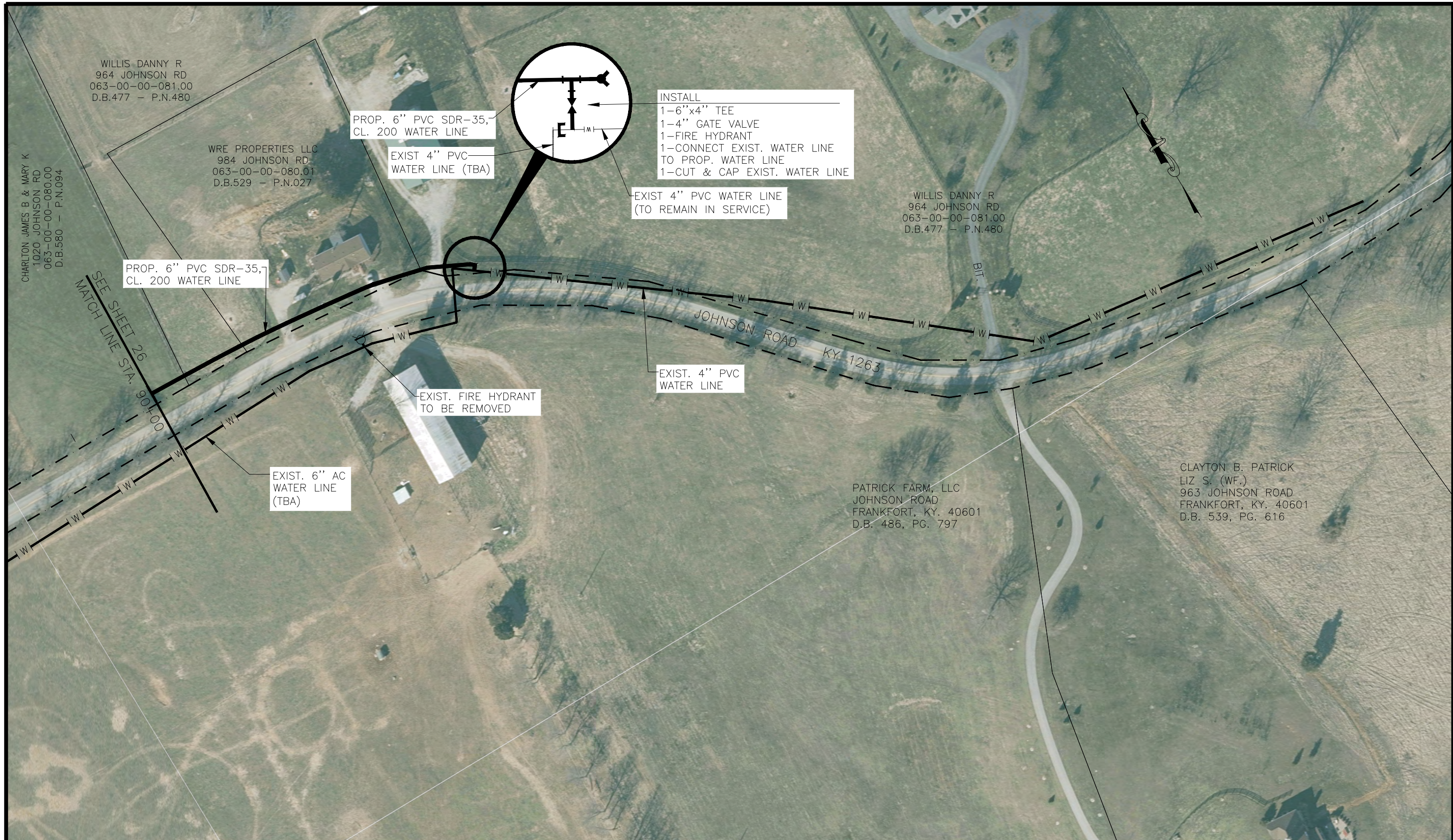
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(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**JOHNSON ROAD (KY 1263)
STA. 76+00 - STA. 90+00**

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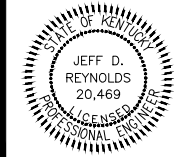
NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024
SCALE: 1" = 100'

DESIGNED BY	NAME	DATE
JDR	JDR	
DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DWGS.		



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**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**JOHNSON ROAD (KY 1263)
STA. 90+00 - STA. 93+86**

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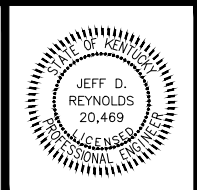
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PROJECT: 4290.00 DATE: JUNE 2024
 SCALE: 1" = 100'

	NAME	DATE
DESIGNED BY	JDR	
DRAWN BY	SAB	
CHECKED BY	JDR	
RECORD DUGS.		



3 HMB CIRCLE
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**AC WATER LINE REPLACEMENT
 FARMDALE WATER DISTRICT
 FRANKLIN COUNTY, KENTUCKY**

**MULHOLLAND ROAD
 STA. 0+00 - STA. 9+00**

SHEET
 28

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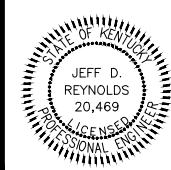


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 429000 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	JDR	NAME
DRAWN BY	SAB	DATE
CHECKED BY	JDR	
RECORD DWGS.		



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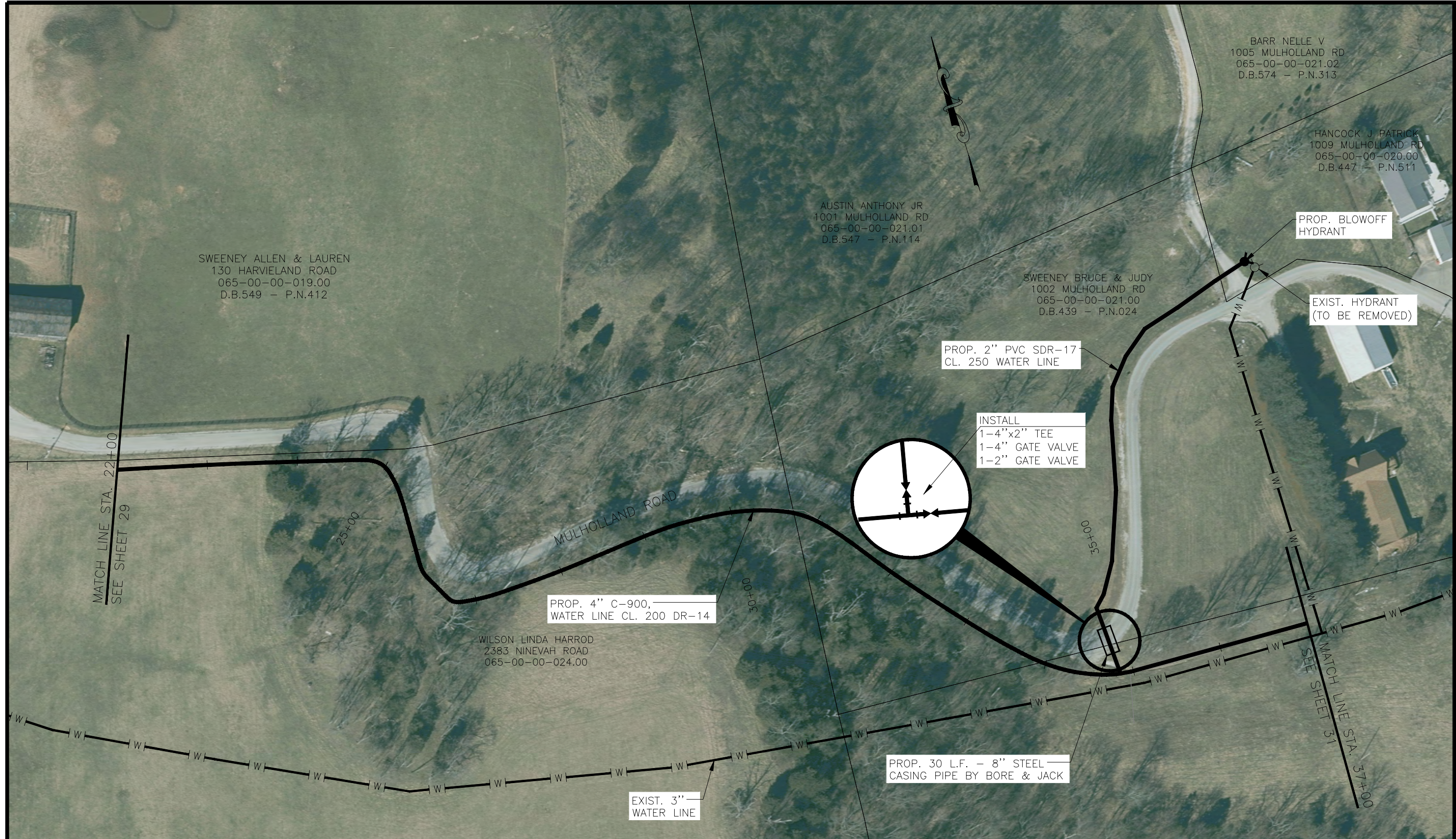


**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**MULHOLLAND ROAD
STA. 9+00 - STA. 22+00**

SHEET
29

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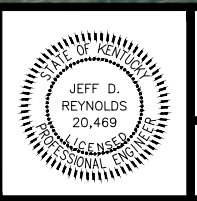


NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: 1" = 100'		
DESIGNED BY	JDR	NAME
DRAWN BY	SAB	DATE
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RECORD DWGS.		



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**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

**MULHOLLAND ROAD
STA. 22+00 - STA. 37+00**

SHEET
30

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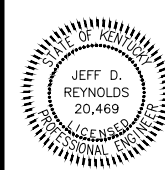


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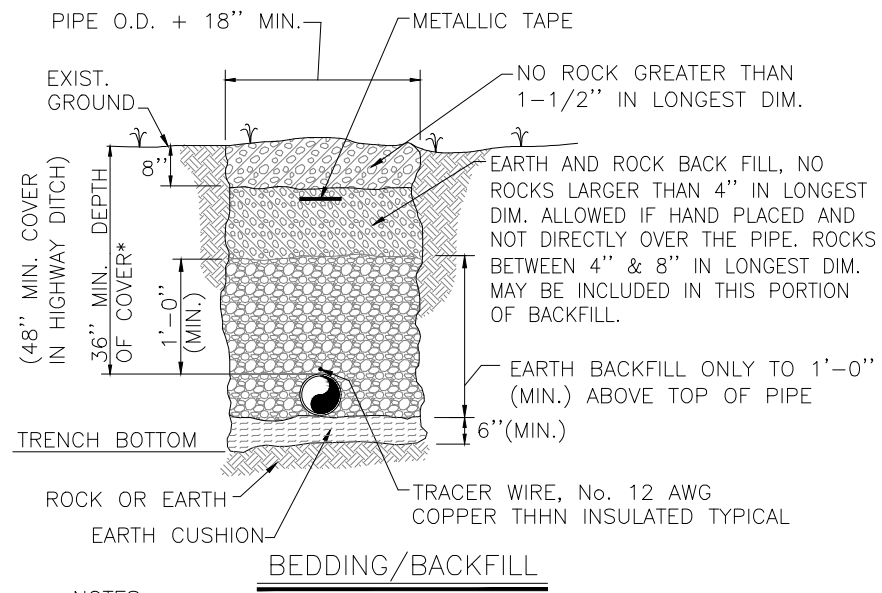


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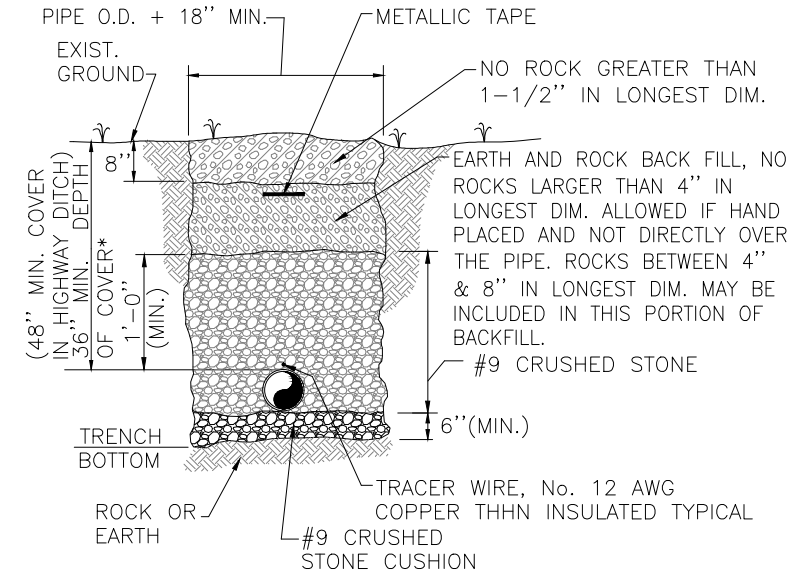


**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

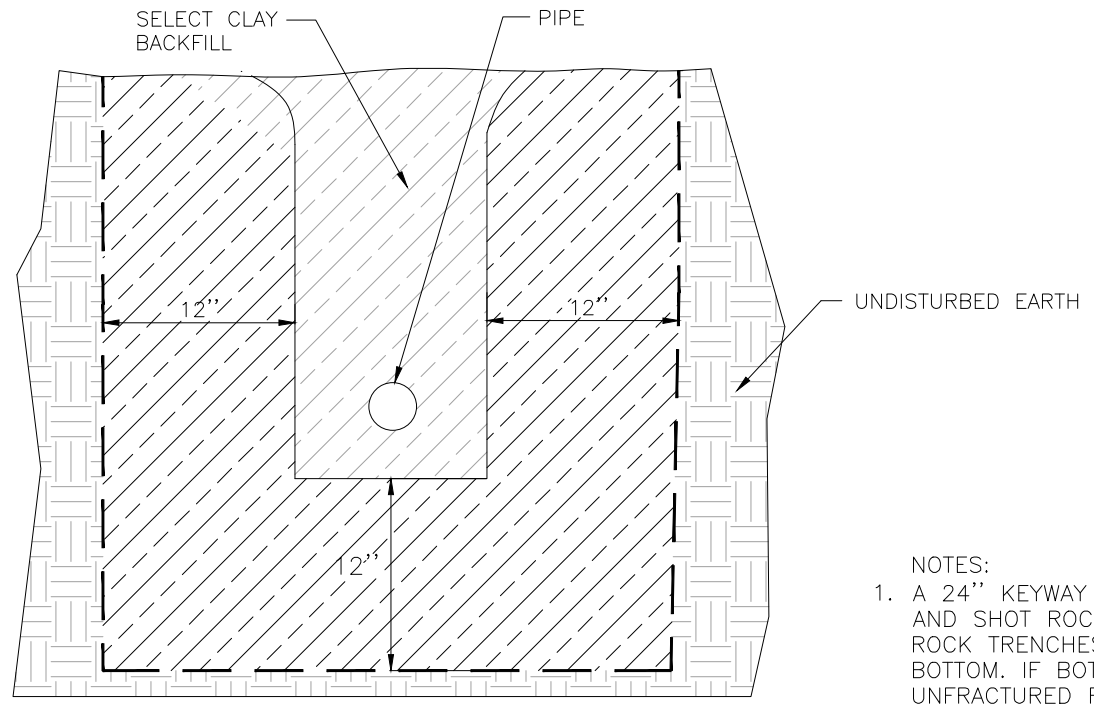
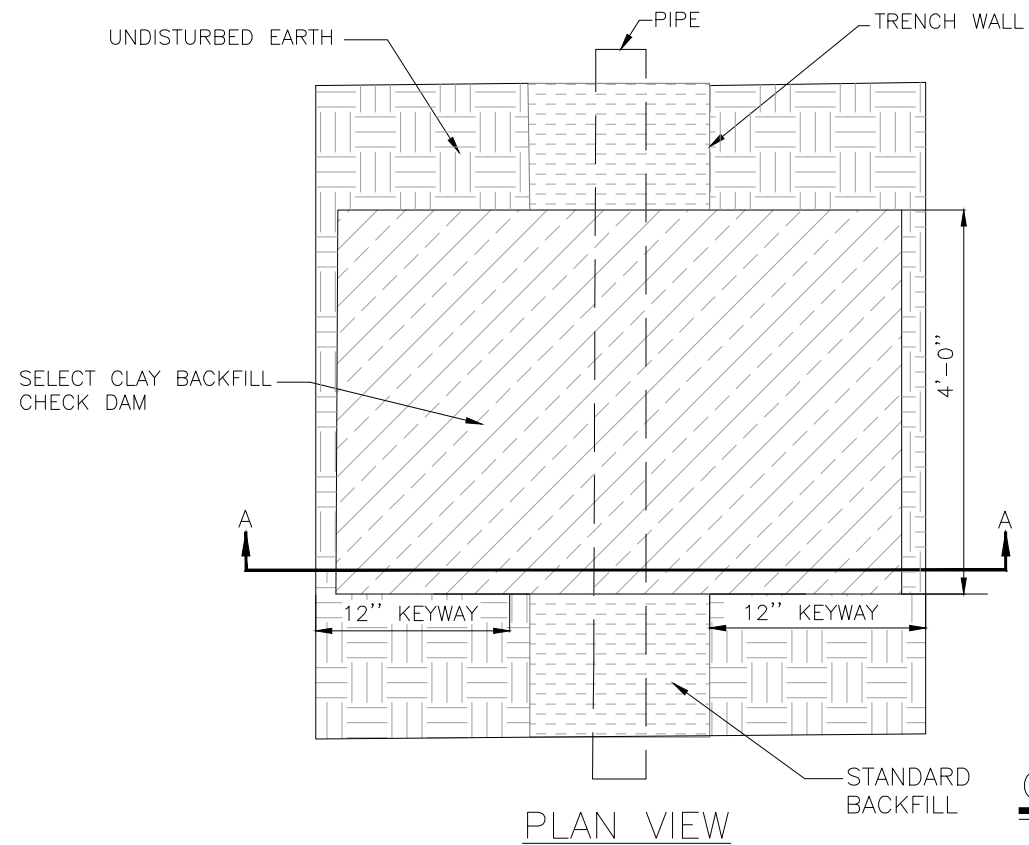
**MULHOLLAND ROAD
STA. 37+00 - STA. 48+67**



- NOTES :
- SCALE : N.T.S.
1. TRACER WIRE SHALL BE SPLICED WITH GEL FILLED WIRE CONNECTORS.
 2. ALL WATER MAINS AND SERVICE LINES SHALL BE INSTALLED WITH WATER LINE IDENTIFICATION TAPE AND TRACER WIRE.
 3. TRACER WIRE SHALL BE TERMINATED AT EACH APPURTENANCE TO ALLOW FOR CONNECTION.
 4. CONTRACTOR SHALL VERIFY CONTINUITY OF TRACER WIRE.



- NOTES :
- SCALE : N.T.S.
1. CRUSHED STONE BACKFILL SHALL ONLY BE USED WHERE DIRECTED BY THE OWNER/ENGINEER.
 2. CLAY CHECK DAMS SHALL BE INSTALLED EVERY 200 FEET WHEN USING CRUSHED STONE BACKFILL.



- NOTES:
1. A 24" KEYWAY SHALL BE CUT IN DIRT EXCAVATION. FRACTURED AND SHOT ROCK SHALL BE REMOVED TO CLEAN SOLID ROCK IN ROCK TRENCHES. THIS IS REQUIRED ON SIDES, IN ADDITION TO BOTTOM. IF BOTTOM IS OVERSHOT, IT MUST BE CLEANED TO SOLID UNFRACTURED ROCK.
 2. A CLAY CHECK DAM SHALL BE CONSTRUCTED EVERY 200 FEET ALONG PIPE WHERE GRAVEL BACKFILL IS USED.

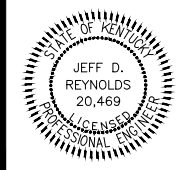
CLAY CHECK DAM A-A SECTION
SCALE : N.T.S.

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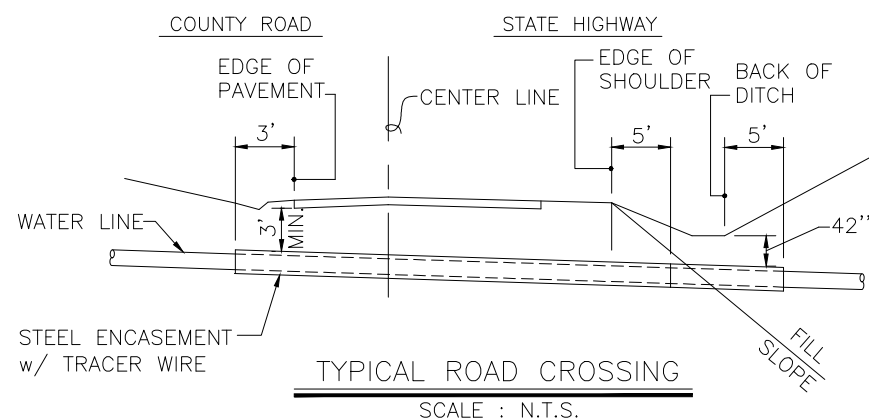
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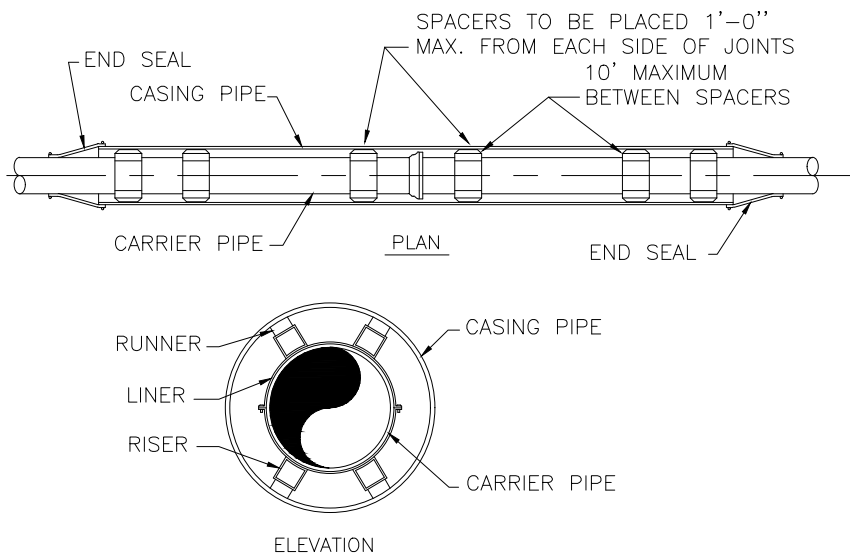
**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

STANDARD DETAILS

SHEET
SD1



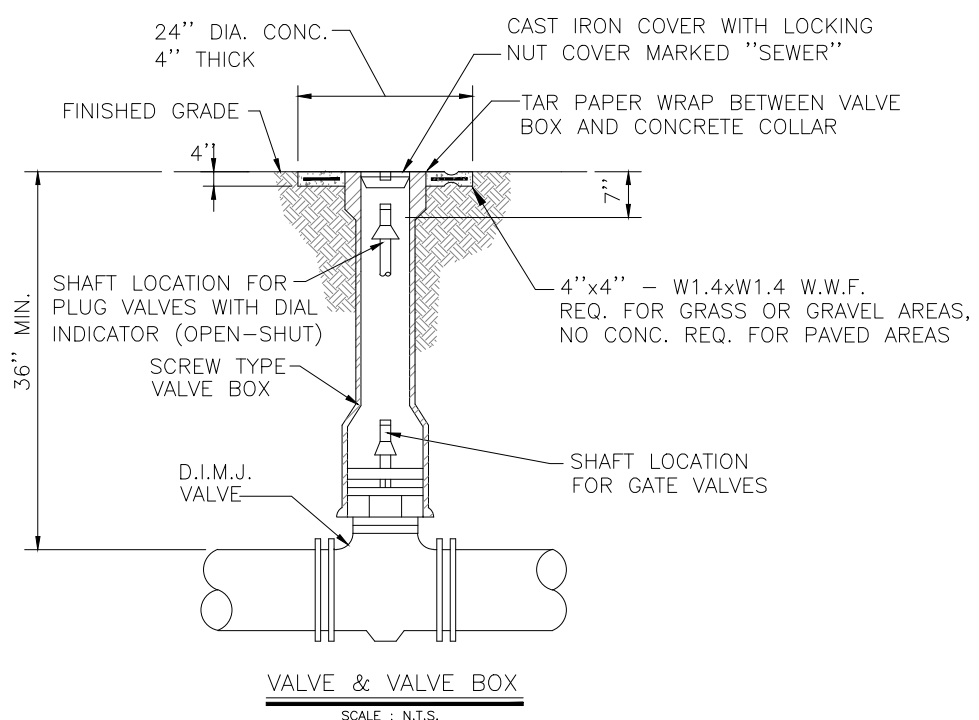
TYPICAL ROAD CROSSING
SCALE : N.T.S.



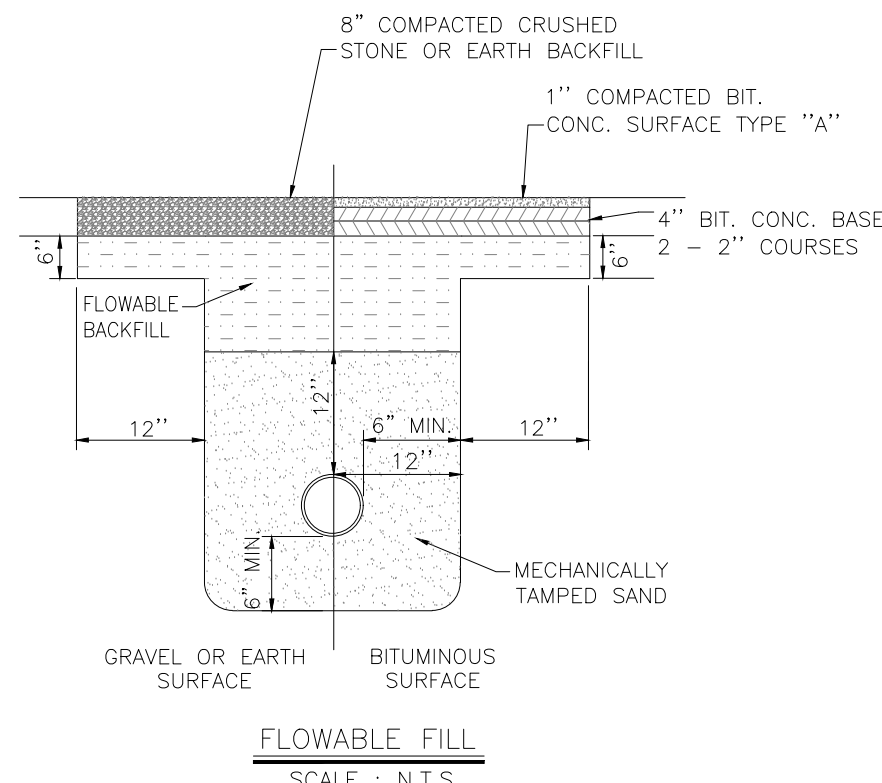
ENCASEMENT PIPE SPACER
SCALE : N.T.S.

- TYPICAL ROAD CROSSING NOTES:
1. ALL JOINTS SHALL BE SOLIDLY WELDED. END OF CASING SHALL BE SEALED AFTER LINE HAS BEEN INSTALLED AND TESTED.
 2. MINIMUM DEPTHS MAY INCREASE IN AREAS WHICH REQUIRE MINIMUM SEPARATION WITH OTHER FACILITIES.
 3. OPEN TRENCH NO CLOSER THAN THE DITCH LINE OR TOE OF FILL FROM THE EDGE OF THE PAVEMENT OR AS DIRECTED BY STATE, COUNTY OR MUNICIPAL SPECIFICATIONS.
 4. HIGHWAY CROSSINGS SHALL UTILIZE STEEL CASING PIPE. STEEL CASING PIPES 4" AND LESS SHALL BE NEW SCHEDULE 40. STEEL CASING PIPES LARGER THAN 4" SHALL HAVE MINIMUM WALL THICKNESS OF 0.25". ALL BORED AND JACKED ENCASEMENT PIPE SHALL BE INSTALLED IN BORE HOLES NO LARGER THAN THE OUTSIDE DIAMETER OF THE ENCASEMENT PIPE.
 5. SDR-21 SHALL BE USED FOR PVC CASING FOR COUNTY ROADS, WHERE PVC CASING PIPE IS REQUIRED.

- TYPICAL STREAM CROSSING NOTES:
1. END CASING SHALL BE SEALED AFTER LINE HAS BEEN INSTALLED AND TESTED.
 2. CONCRETE CAP SHALL END A MINIMUM OF ONE FOOT FROM EDGE OF CASING PIPE.
 3. STREAM CROSSINGS SHALL UTILIZE PVC SDR 35 CASING PIPE.



VALVE & VALVE BOX
SCALE : N.T.S.



FLOWABLE FILL
SCALE : N.T.S.

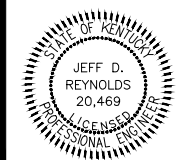
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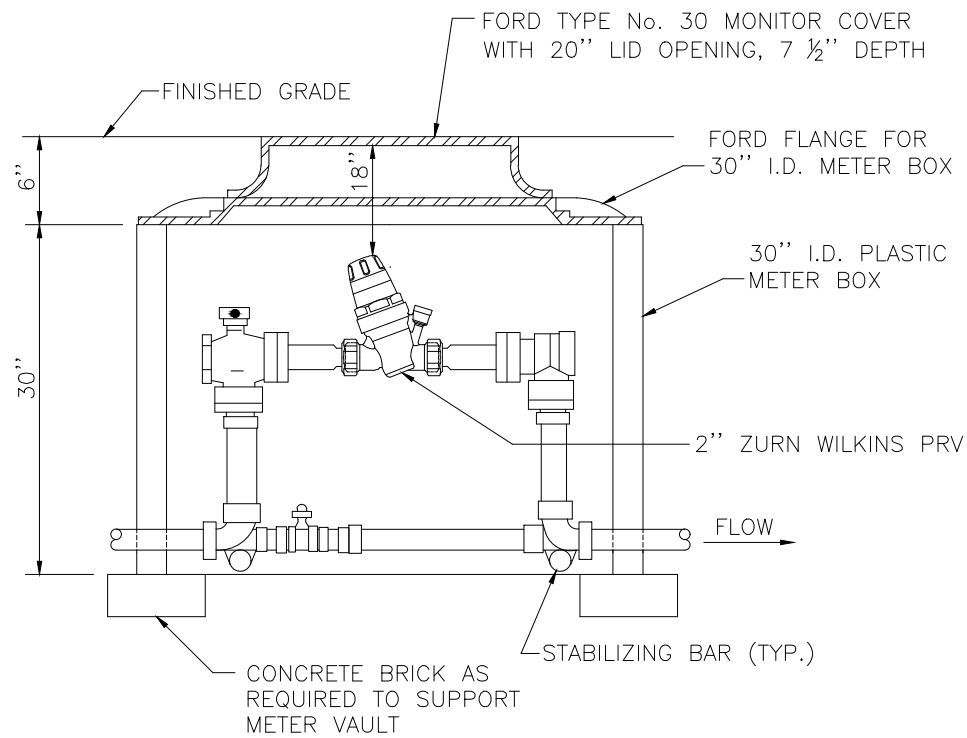


**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

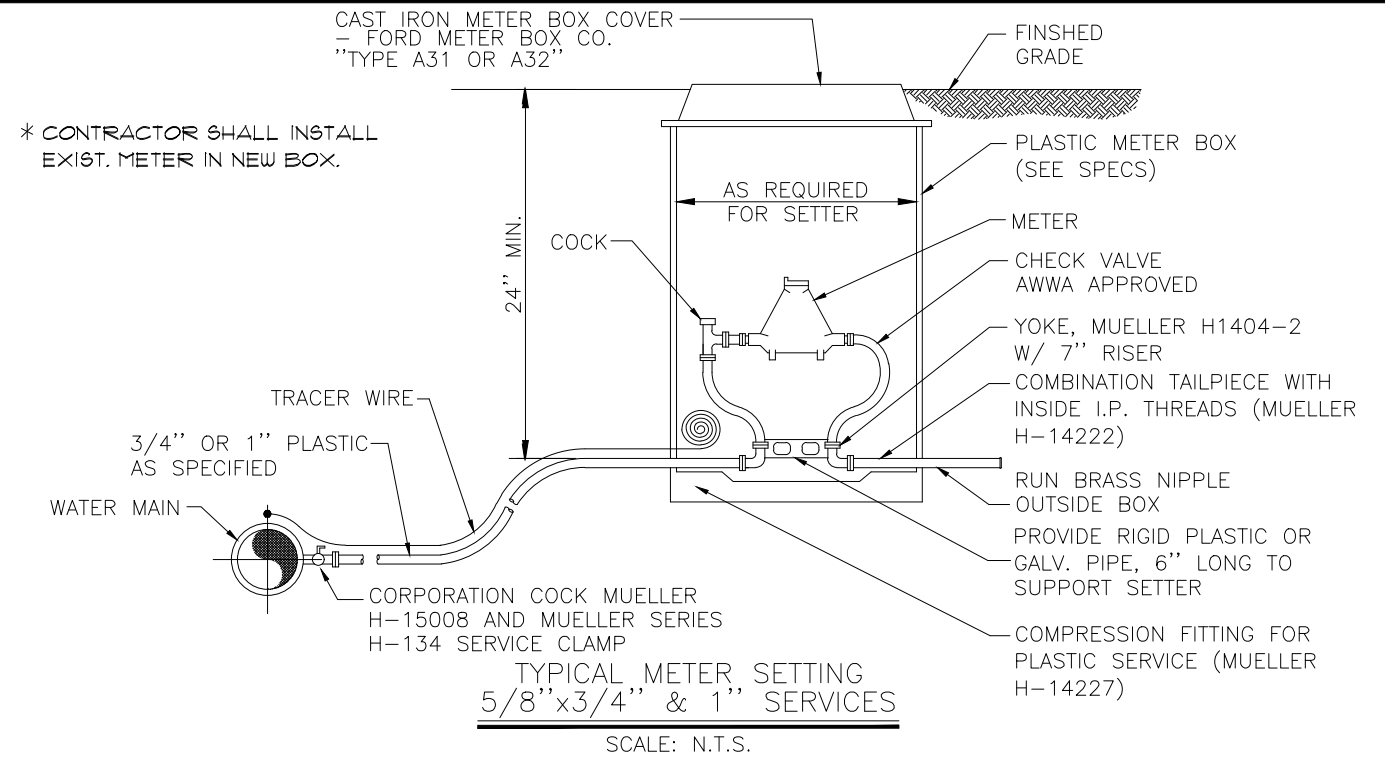
STANDARD DETAILS

SHEET
SD2

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2" PRV SETTING
SCALE : N.T.S.



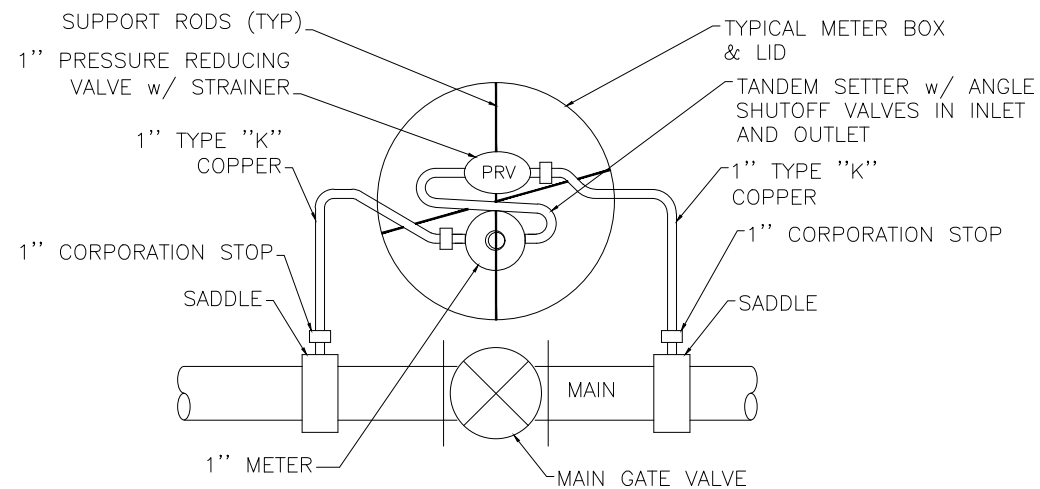
TYPICAL METER SETTING
5/8"x3/4" & 1" SERVICES

SCALE: N.T.S.

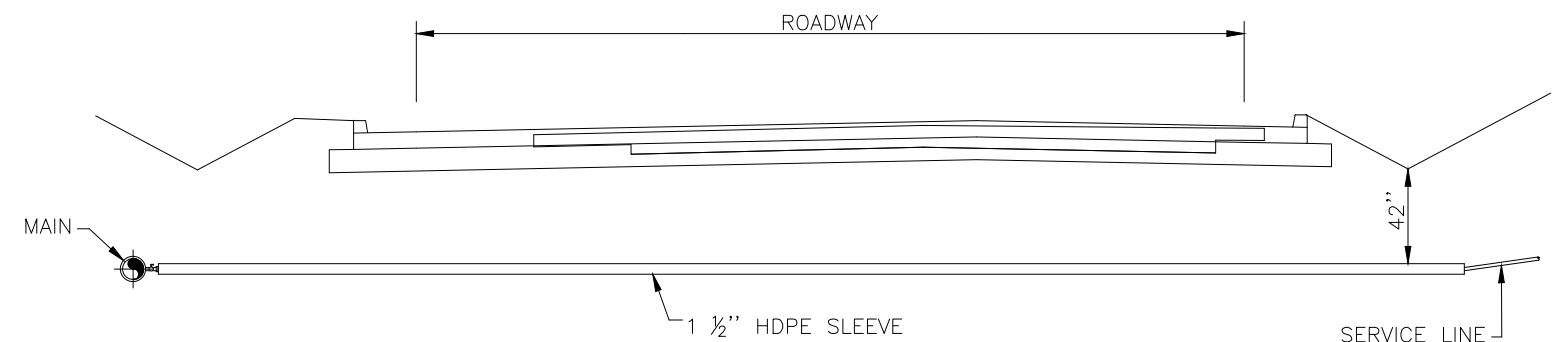
NOTES:

- WHERE PRESSURE REGULATORS ARE TO BE INSTALLED AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL USE A TANDEM COPPERSETTER. THE COPPERSETTER SHALL HOLD A PRESSURE REGULATOR JUST AHEAD OF THE WATER METER, ALL IN ONE COMPACT COPPERSETTER DEVICE.
- AN AWWA APPROVED CHECK VALVE IS REQUIRED ON ALL METER SETTINGS.
- ALL SERVICE LINES SHALL BE 3/4" CTS, POLYFLEX SDR 9, RATING 250 p.s.i.
- TRACER WIRE SHALL BE INSTALLED WITH SERVICE LINE. SERVICE LINE TRACER WIRE SHALL BE CONNECTED TO WATER MAIN TRACER WIRE WITH GEL FILLED WIRE CONNECTOR. TWO FEET OF TRACER WIRE SHALL BE LEFT IN METER BOX FOR CONNECTION TO LOCATOR.
- CONTRACTOR SHALL COORDINATE WITH OWNER TO DETERMINE WHICH METER SETTINGS NEED TO BE REPLACED AND WHICH ONES NEED RECONNECTED.
- RECONNECTION OF EXISTING METER SETTINGS SHALL BE DIRECTLY TO THE SETTER INSIDE THE BOX. RECONNECTION SHALL NOT BE TO THE EXISTING SERVICE LINE OUTSIDE OF THE BOX.
- REGULATORS SHALL BE A ZURNS WILKENS 600 XL.

NOTE :
BOX AND SETTER TO BE PRE-FABRICATED.



TEST METER AT GATE VALVE
SCALE : N.T.S.



NOTE :
TRACER WIRE SHALL BE INSTALLED WITH SERVICE LINES UNDER ROADWAY.

SERVICE LINE ENCASEMENT DETAIL

SCALE : N.T.S.

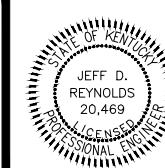
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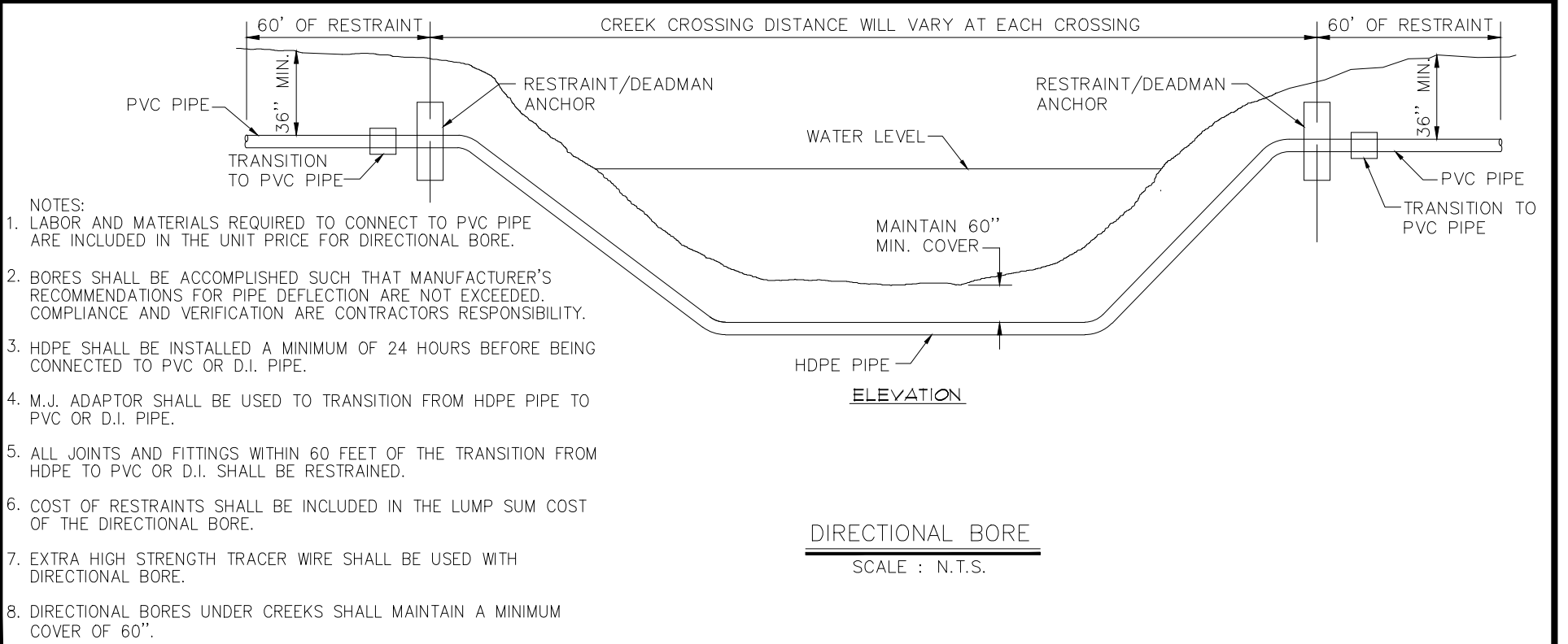
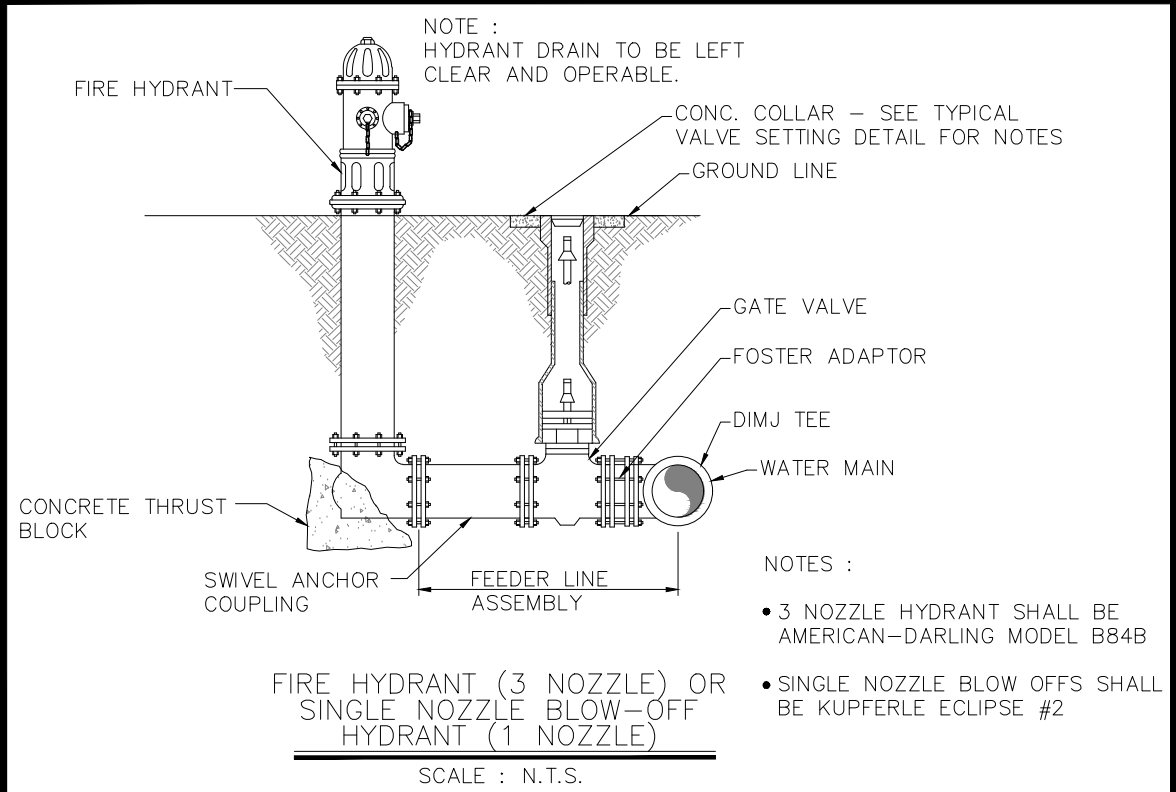
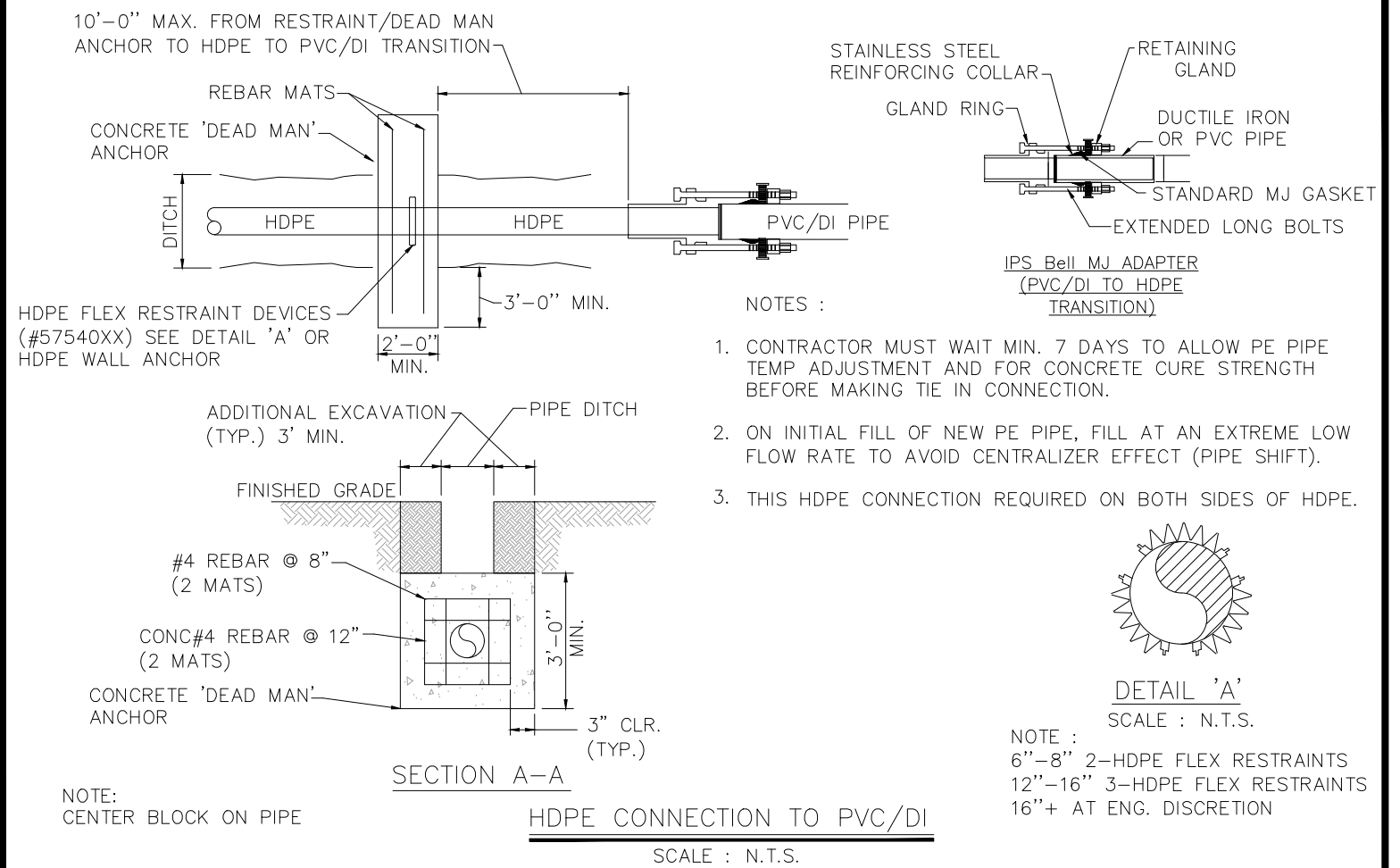
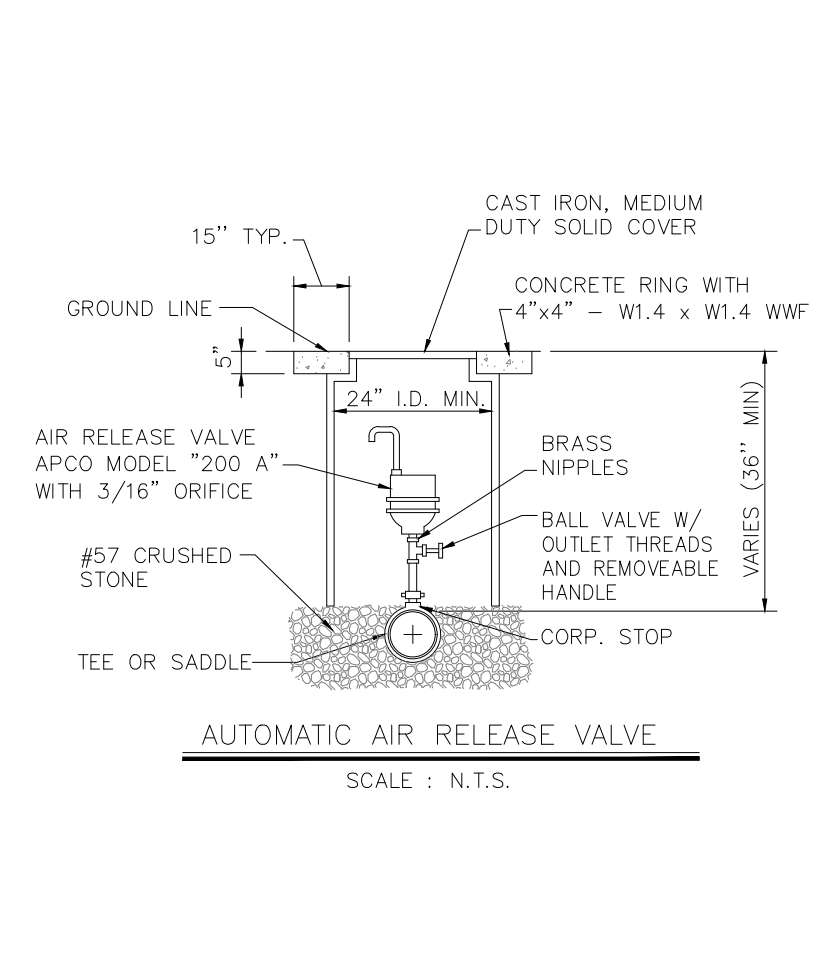
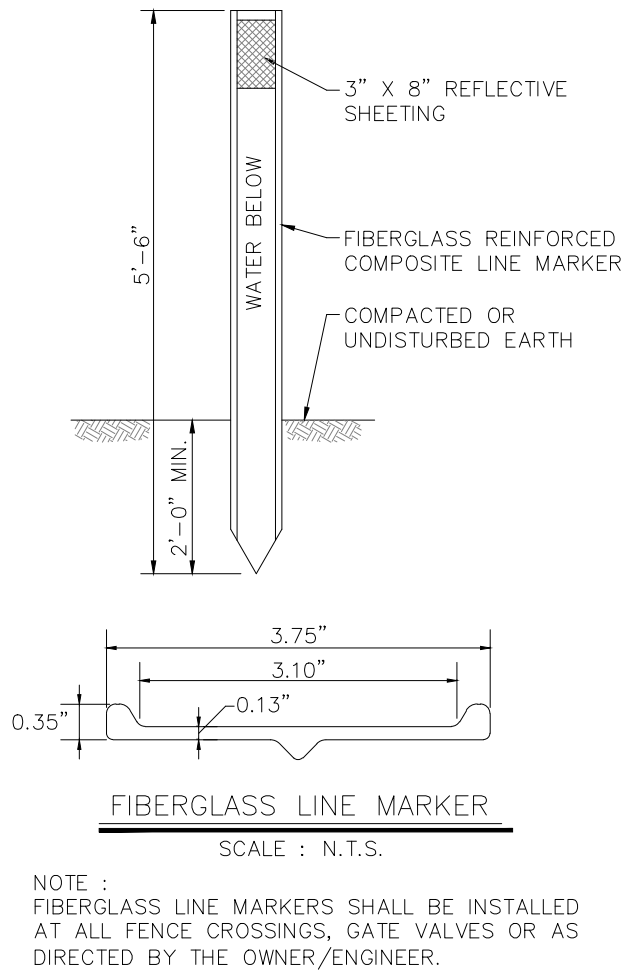
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AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY

STANDARD DETAILS

SHEET
SD3



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FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

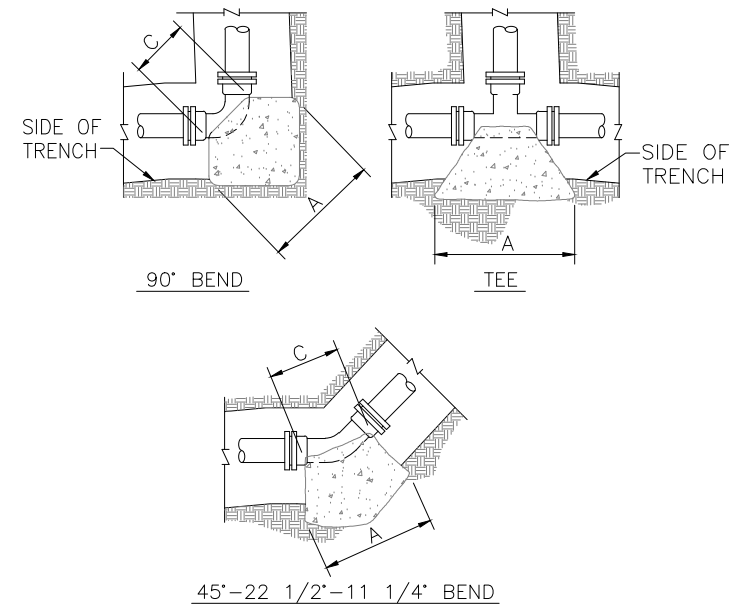
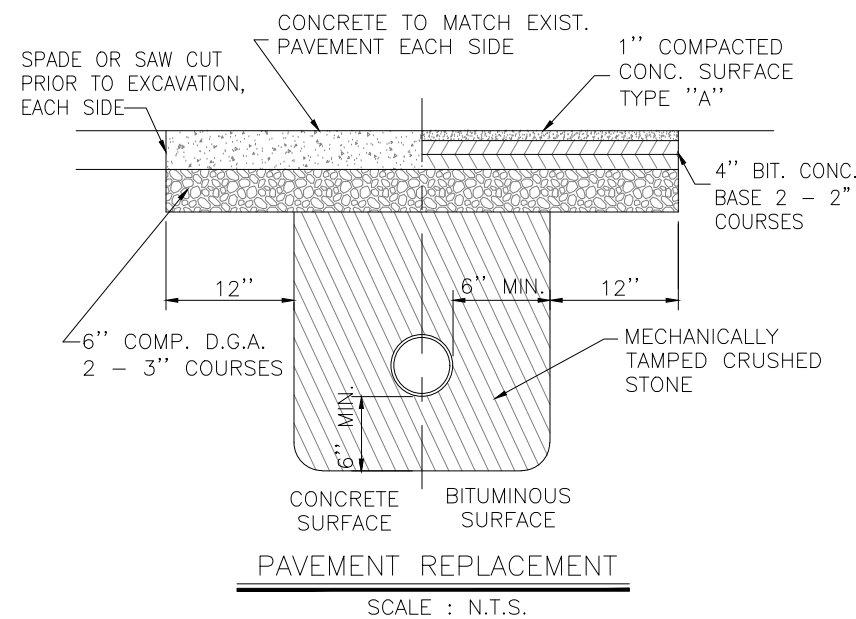
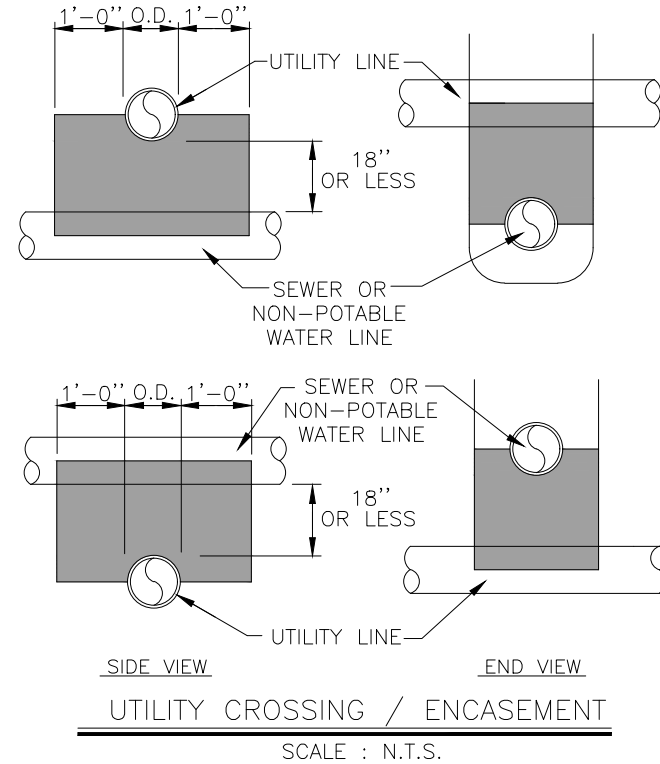
STANDARD DETAILS

SHEET
SD4

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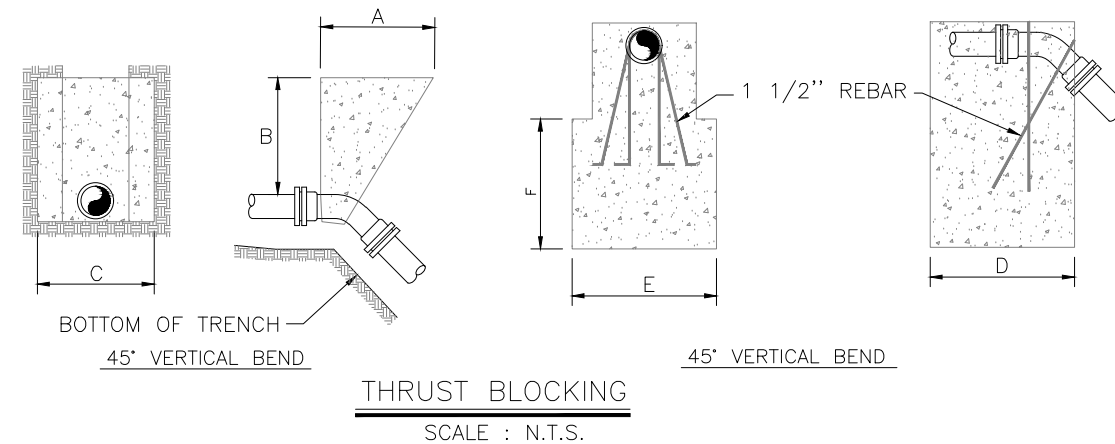
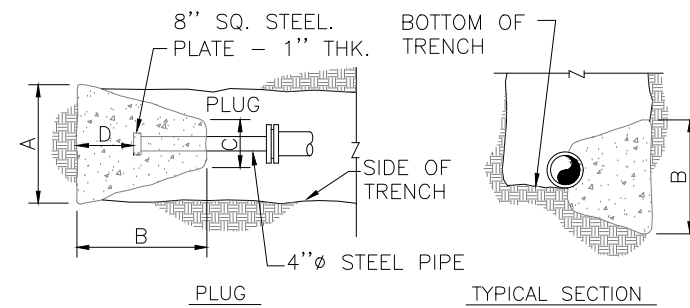
NOTES :

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 PIPE SHALL BE CENTERED ABOVE OR BELOW UTILITY LINE TO ACHIEVE MAXIMUM JOINT DISPLACEMENT.
3. CONCRETE ENCASEMENT IS NOT A SEPARATE PAY ITEM.



NOTES:

1. 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.
2. THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
3. IF EXACT SIZE PIPE BLOCKING IS NOT SHOWN, USE NEXT LARGER SIZE.
4. THRUST BLOCKING TO BE POURED IN PLACE CLASS B CONC.



90° BEND										
SIZE	24"	20"	18"	16"	12"	10"	8"	6"	4"	2"
A	88	80	72	64	50	40	33	26	16	16
B	88	80	72	64	50	40	33	24	16	16
C	45	38	32	30	16	15	12	12	9	9
D	48	40	36	32	25	20	16	12	8	9

45° BEND										
SIZE	24"	20"	18"	16"	12"	10"	8"	6"	4"	2"
A	72	60	54	48	37	31	24	18	12	12
B	72	60	54	48	37	31	24	18	12	12
C	22	20	16	18	16	14	12	12	8	8
D	32	28	25	22	18	15	12	9	6	6

45° VERTICAL BEND										
SIZE	24"	20"	18"	16"	12"	10"	8"	6"	4"	2"
A	72	60	60	45	36	36	36	36	24	24
B	60	48	48	45	36	36	36	36	24	24
C	96	84	84	72	60	60	60	60	48	48
D	84	72	72	60	48	48	48	48	36	36
E	84	72	72	60	48	48	48	48	36	36
F	84	72	72	60	48	48	48	48	36	36

22 1/2° BEND										
SIZE	24"	20"	18"	16"	12"	10"	8"	6"	4"	2"
A	50	42	38	34	26	23	18	13	9	9
B	50	42	38	34	26	23	18	13	9	9
C	22	20	16	18	16	14	12	10	8	8
D	26	22	18	16	13	11	9	6	4	4

11 1/4° BEND										
SIZE	24"	20"	18"	16"	12"	10"	8"	6"	4"	2"
A	36	30	27	24	18	16	13	11	9	9
B	36	30	27	24	18	16	13	11	9	9
C	22	20	16	18	16	14	12	10	8	8
D	22	18	14	12	9	8	6	5	4	4

PLUG										
SIZE	24"	20"	18"	16"	12"	10"	8"	6"	4"	2"
A	80	66	60	54	52	43	34	26	26	26
B	80	66	60	54	52	43	34	26	26	26
C	12	12	12	12	12	12	12	12	12	12
D	72	60	54	44	32	22	15	11	11	11

TEE											
SIZE	MAIN BRANCH	24"	20"	18"	16"	12"	12"	12"	8"-10"	8"-12"	2"-6"
A	24"	80	66	60	54	52	42	26	43	26	26
B	20"	80	66	60	54	52	43	26	43	26	26
C	18"	45	36	32	30	12	12	12	12	12	12
D	16"	48	40	36	30	26	21	13	21	13	13

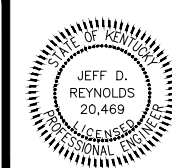
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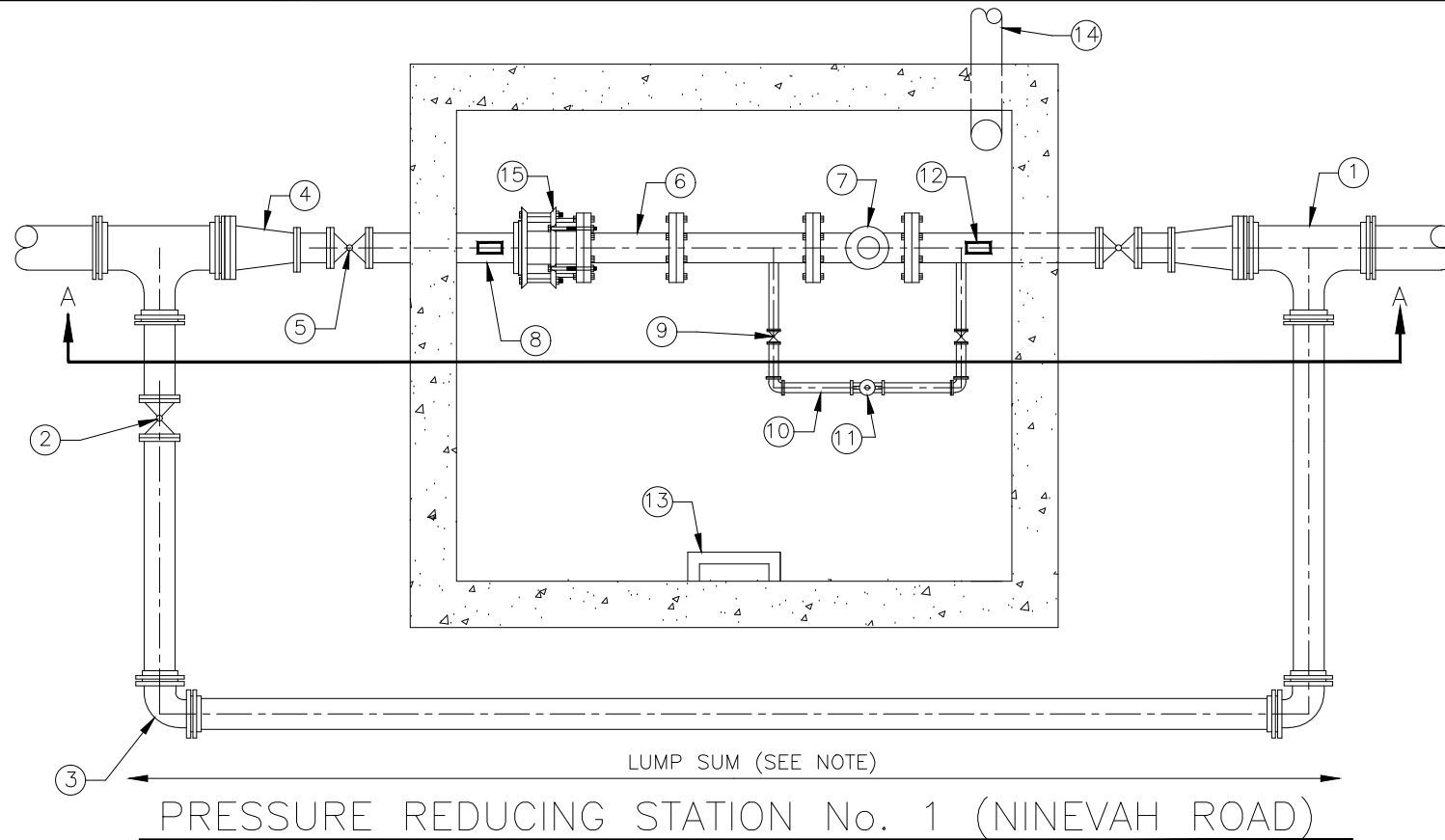
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**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

STANDARD DETAILS

SHEET
SD5

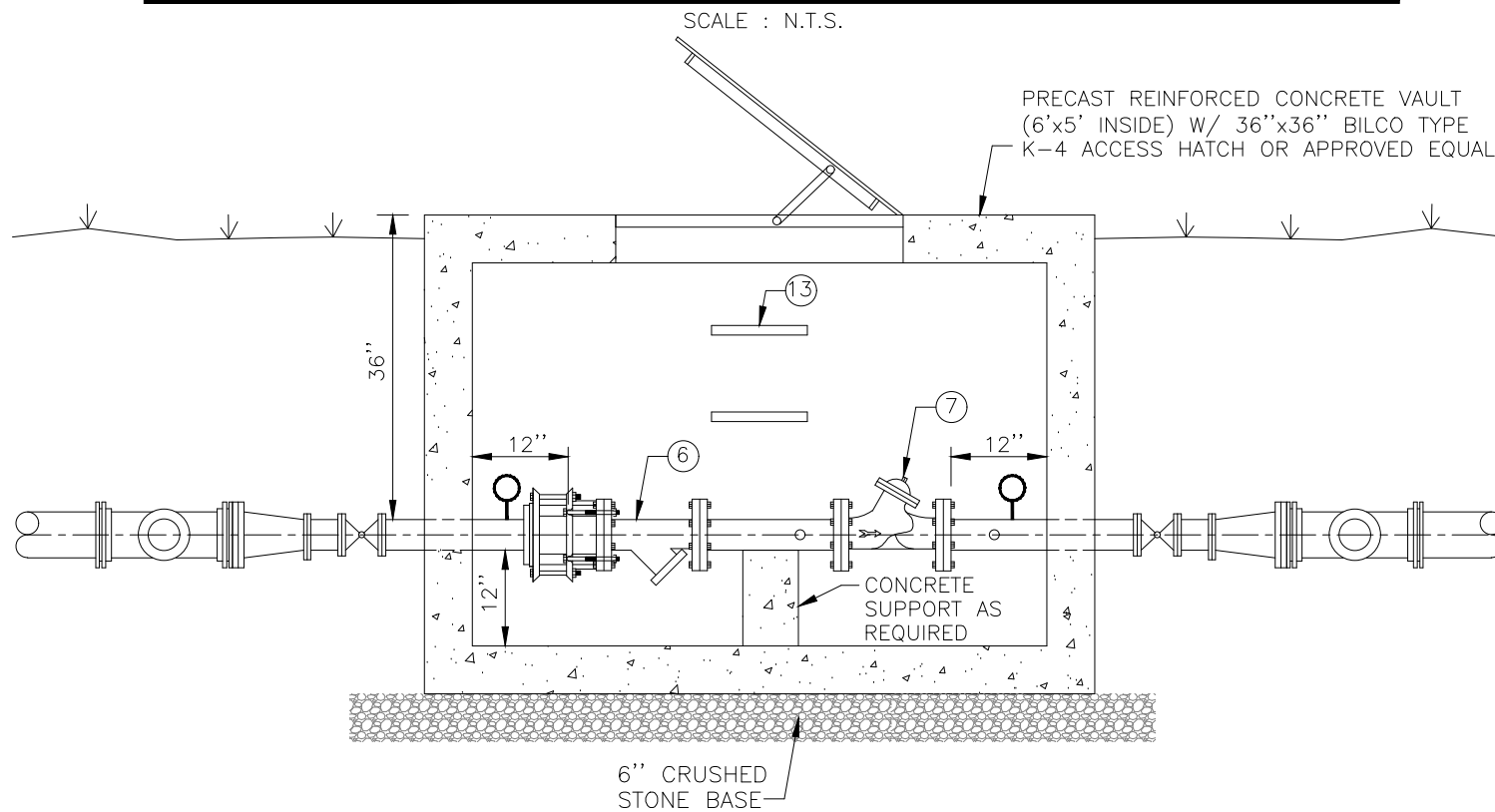


- ① 2 - 6"x4" M.J. TEE
- ② 1 - 4" GATE VALVE
- ③ 2 - 4" 90° M.J. BEND
- ④ 2 - 6"x4" M.J. REDUCER
- ⑤ 2 - 4" GATE VALVES
- ⑥ 1 - 4" BERMAID 70F STRAINER
- ⑦ 1 - 4" PRV BERMAID MODEL WW-4"-720-EN-P2-Y-C-A5-EB-NN-INV
- ⑧ 4" D.I. PIPE
- ⑨ 2 - 1 1/4" BRONZE GATE VALVE (LUNKENHEIMER #2151)
- ⑩ 1 1/4" BRASS PIPE
- ⑪ 1 - 1 1/4" BC-CAP DIRECT ACTING PRV
- ⑫ 2 - PRESSURE GAUGE W/ VALVE ASHCROFT 4 1/2" DURAGAUGE W/ 0-200 psi RANGE
- ⑬ MANHOLE STEPS
- ⑭ 4" PVC DRAIN LINE, DRAIN TO DAYLIGHT
- ⑮ FLANGED COUPLING ADAPTOR

NOTE : PRV INLET PRESSURE 140 psi
 OUTLET PRESSURE 78 psi

PRESSURE REDUCING STATION No. 1 (NINEVAH ROAD)

SCALE : N.T.S.



NOTE :
 ALL PIPING BETWEEN 6"x4" TEE, INCLUDING BYPASS, FITTINGS,
 PRV VAULT SHALL BE INCLUDED IN LUMP SUM PRICE FOR
 PRV STATION. GATE VALVES SHALL BE PAID FOR SEPARATELY.

SECTION A-A

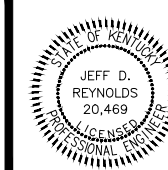
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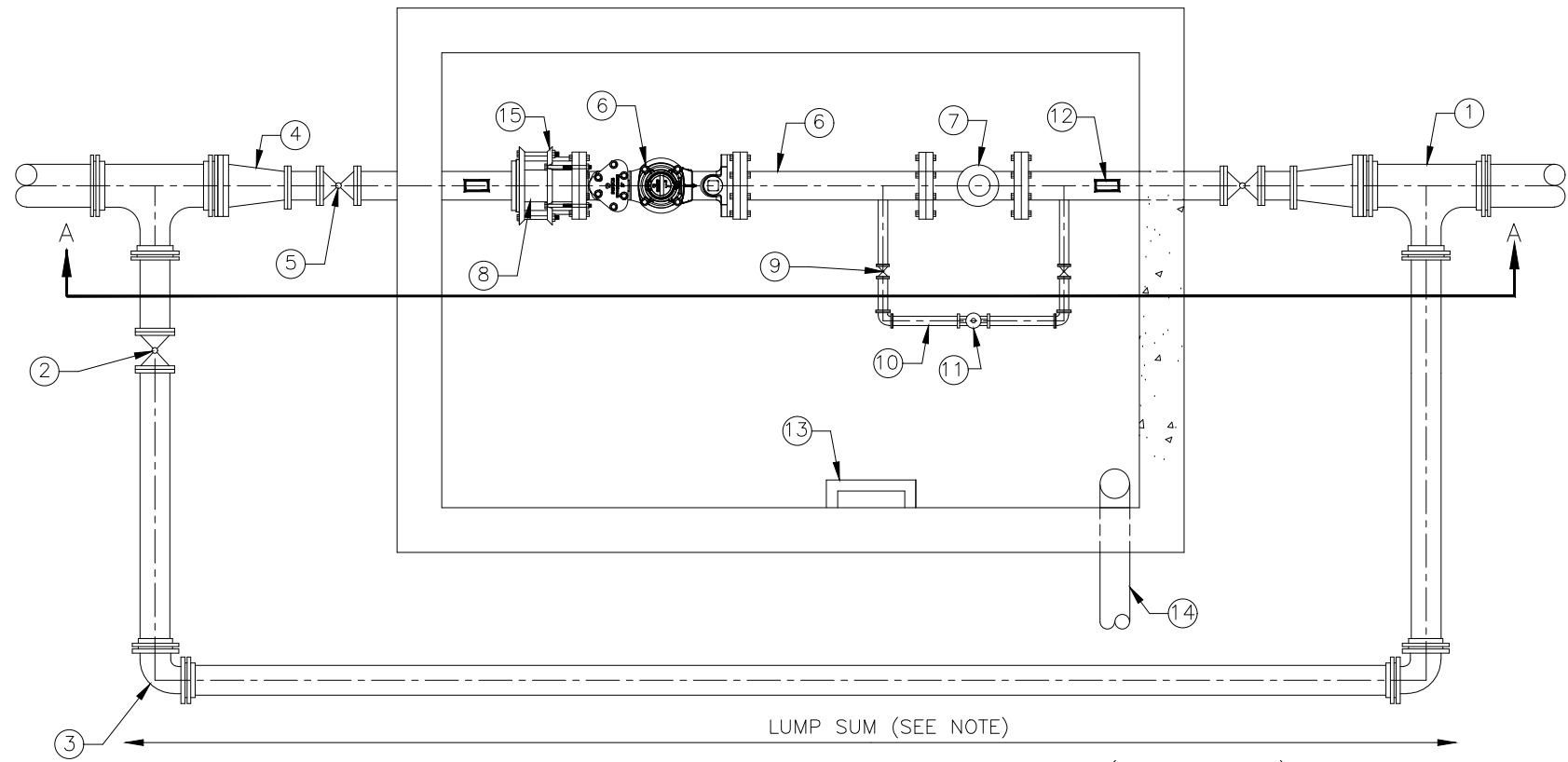


**AC WATER LINE REPLACEMENT
 FARMDALE WATER DISTRICT
 FRANKLIN COUNTY, KENTUCKY**

PRESSURE REDUCING STATION No. 1 (NINEVAH ROAD)

SHEET
 SD6

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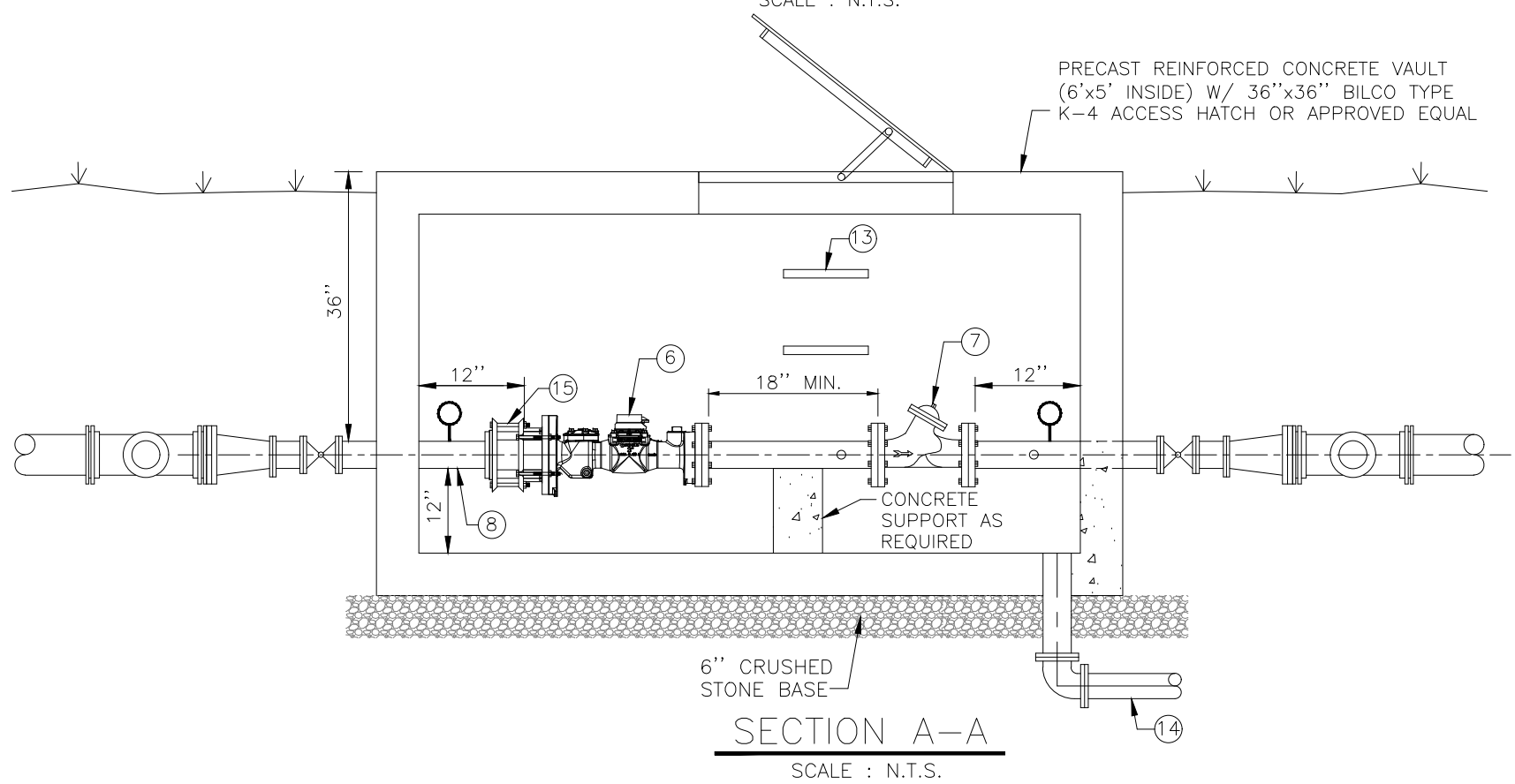


PRESSURE REDUCING STATION No. 2 (US 127)

SCALE : N.T.S.

- ① 2 - 8"x6" M.J. TEE
- ② 1 - 6" GATE VALVE
- ③ 2 - 6" 90° M.J. BEND
- ④ 2 - 8"x6" M.J. REDUCER
- ⑤ 2 - 6" GATE VALVES
- ⑥ 1 - 6" OMNI T² METER
- ⑦ 1 - 6" PRV BERMAD MODEL WW-6"-720-EN-P2-Y-C-A5-EB-NN-INV
- ⑧ 6" D.I. PIPE
- ⑨ 2 - 2' BRONZE GATE VALVE (LUNKENHEIMER #2151)
- ⑩ 2" BRASS PIPE
- ⑪ 1 - 2" PRV BERMAD MODEL WW-2"-720-EN-2B-P2-Y-C-A5-EB-NN-INV
- ⑫ 2 - PRESSURE GAUGE W/ VALVE ASHCROFT 4 1/2" DURAGAUGE W/ 0-200 psi RANGE
- ⑬ MANHOLE STEPS
- ⑭ 4" PVC DRAIN LINE, DRAIN TO DAYLIGHT
- ⑮ FLANGED COUPLING ADAPTOR

NOTE : PRV INLET PRESSURE 115 psi
OUTLET PRESSURE 80 psi



SECTION A-A

SCALE : N.T.S.

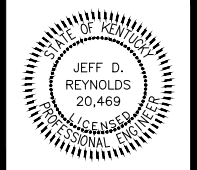
NOTE : ALL PIPING BETWEEN 8"x6" TEE, INCLUDING BYPASS, FITTINGS, PRV VAULT SHALL BE INCLUDED IN LUMP SUM PRICE FOR PRV STATION. GATE VALVES SHALL BE PAID FOR SEPARATELY.

NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE

PROJECT: 4290.00 DATE: JUNE 2024		
SCALE: N.T.S.		
DESIGNED BY	JDR	NAME
DRAWN BY	SAB	DATE
CHECKED BY	JDR	
RECORD DWGS.		



3 HMB CIRCLE
FRANKFORT, KENTUCKY
(502) 695-9800
(502) 695-9810 FAX



**AC WATER LINE REPLACEMENT
FARMDALE WATER DISTRICT
FRANKLIN COUNTY, KENTUCKY**

PRESSURE REDUCING STATION No. 2 (US 127)

SHEET
SDT