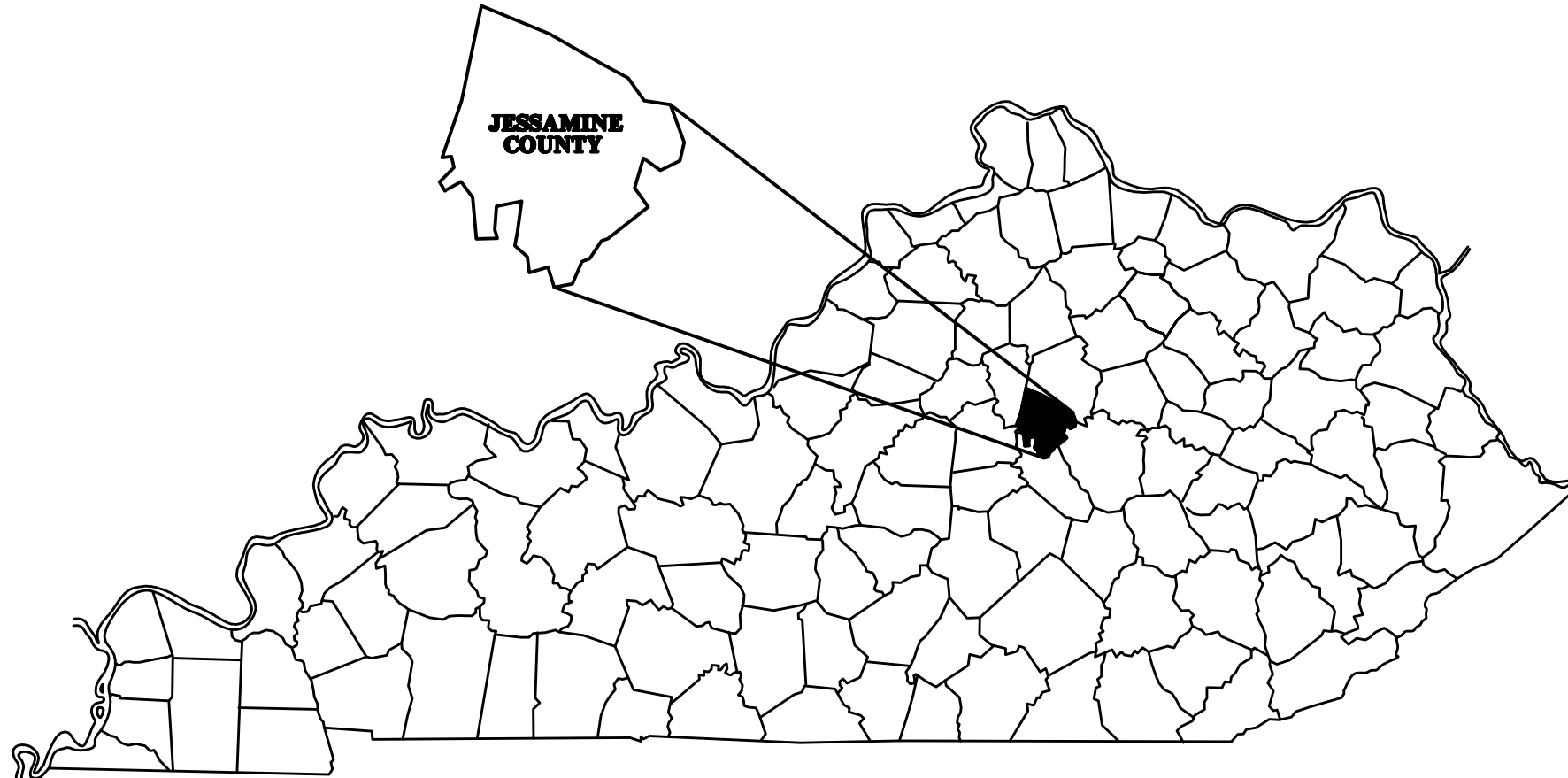
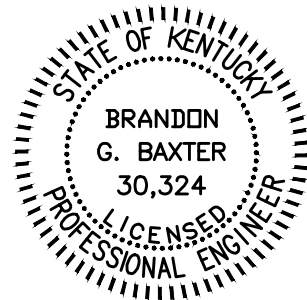


WATER LINE UPGRADE JESSAMINE COUNTY WATER DISTRICT No. 1 JESSAMINE COUNTY, KENTUCKY

CAROLYN LANE & VINCEWOOD DRIVE



**PRELIMINARY
NOT FOR
CONSTRUCTION**



JANUARY 2021

**BRANDON BAXTER, P.E.
KENTUCKY REGISTRATION NO. 30,324**

Plans Prepared By:



3 HMB Circle
Frankfort, Kentucky (502)696-9800
Fax (502)696-9810

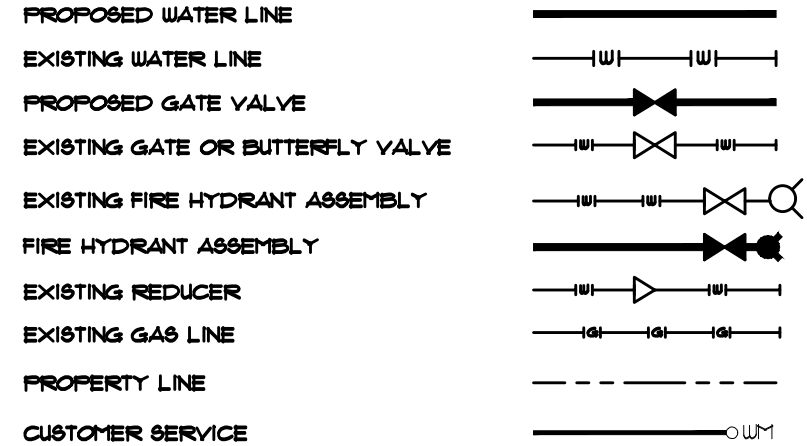
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GENERAL NOTES

- UNLESS OTHERWISE NOTED, A SEPARATE BID ITEM HAS NOT BEEN ESTABLISHED FOR FITTINGS. THE FITTINGS INVOLVED INCLUDE, BUT ARE 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 AFFURTENANCES 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/SHE 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.
- GRIP RING RESTRAINTS SHALL BE USED ON ALL MJ FITTINGS FOR PIPES 8-INCHES IN DIAMETER OR LESS. MEGA-LUG TYPE RESTRAINTS SHALL BE USED ON ALL MJ FITTINGS FOR PIPES GREATER THAN 8-INCH DIAMETER. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR PIPE.
- 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.

- ALL BITUMINOUS, CONCRETE AND ASPHALT DRIVEWAYS AND ENTRANCES SHALL BE FREE BORED UNLESS INDICATED OTHERWISE ON PLANS. IF FREE BORE IS NOT POSSIBLE, STEEL CASING PIPE SHALL BE INSTALLED BY BORE & JACK.
- WATER LINE MARKERS SHALL BE LOCATED AT EVERY FENCE CROSSING.
- AS REQUIRED BY KRS 367.4901 - 367.4917, PRIOR TO EXCAVATION THE CONTRACTOR SHALL CONTACT THE KENTUCKY ONE-CALL SYSTEM (KENTUCKY811) TO LOCATE EXISTING UTILITIES.
- PROVIDE 42" MINIMUM COVER FOR ALL WATER MAINS AND CASING PIPES PLACED WITHIN COMMONWEALTH OF KENTUCKY RIGHT OF WAY.
- NOT ALL CULVERTS ARE SHOWN. CONTRACTOR SHALL FIELD LOCATE ALL EXISTING CULVERTS AND USE CAUTION IN THESE AREAS.
- ALL PAVED OR CONCRETE ROADS OR AREAS MAINTAINED BY THE STATE, CITY OR COUNTY SHALL BE BORED WITH STEEL CASING PIPE.
- STATION NUMBERS ON ALL SHEETS ARE MEASURED ALONG THE CENTER OF ROAD.
- ALL WATER LINES SHALL HAVE A MINIMUM OF 30" OF COVER.
- ROUGH CLEAN UP SHALL BE PERFORMED DAILY. NO DITCHES SHALL BE LEFT OPEN OVER NIGHT.
- WATER MAINS SHALL BE INSTALLED BEHIND DRIVEWAY OR ENTRANCE CULVERTS WHEN POSSIBLE.
- JOB SITE SAFETY IS SOLELY THE CONTRACTOR'S RESPONSIBILITY AT ALL TIMES.

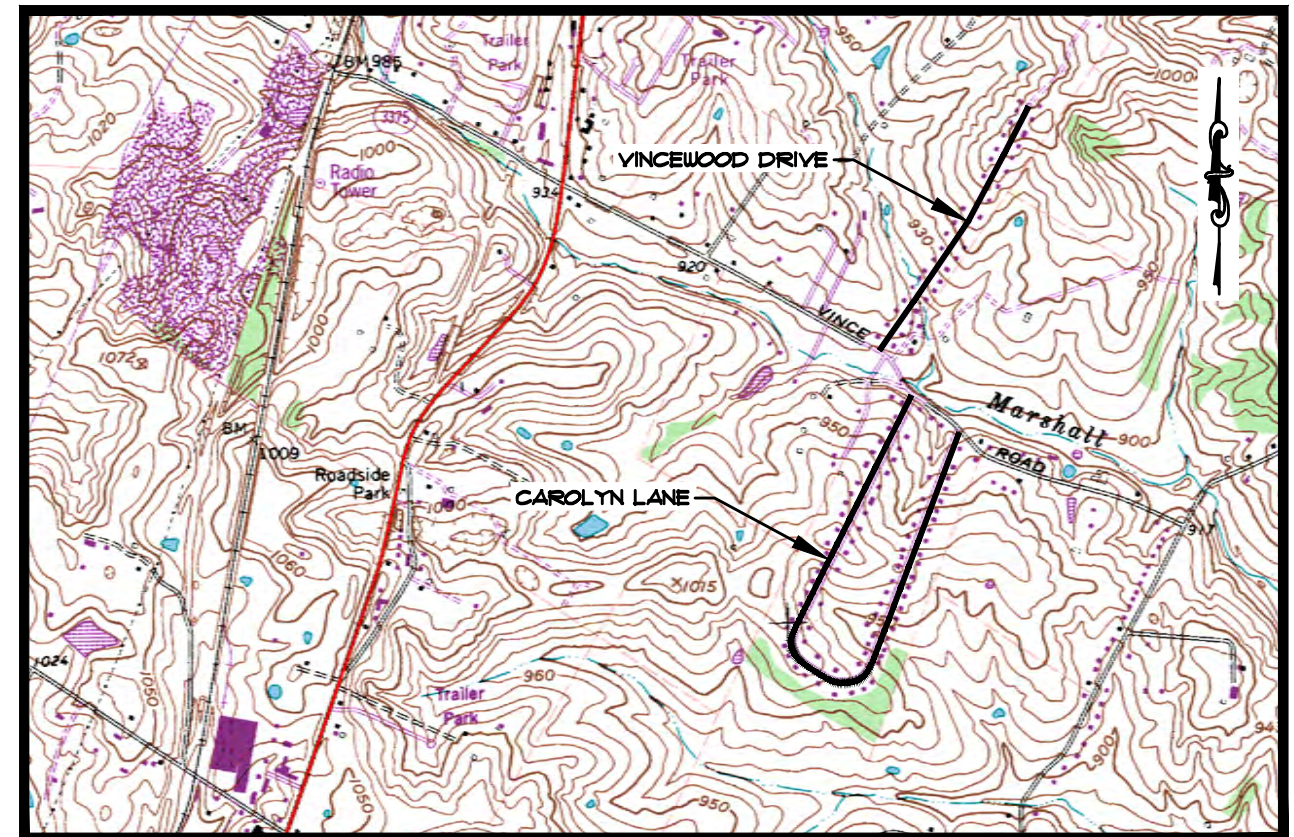
LEGEND



SHEET INDEX

GNI	GENERAL NOTES, LEGEND, SHEET INDEX AND TOPOGRAPHIC MAP
1-5	CAROLYN LANE
6-8	VINCEWOOD DRIVE
SDI-SDII	STANDARD DETAILS

**PRELIMINARY
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TOPOGRAPHIC MAP

SCALE : N.T.S.

PROJECT: 437100 DATE: JAN 2021
SCALE: AS NOTED

DESIGNED BY	NAME	DATE
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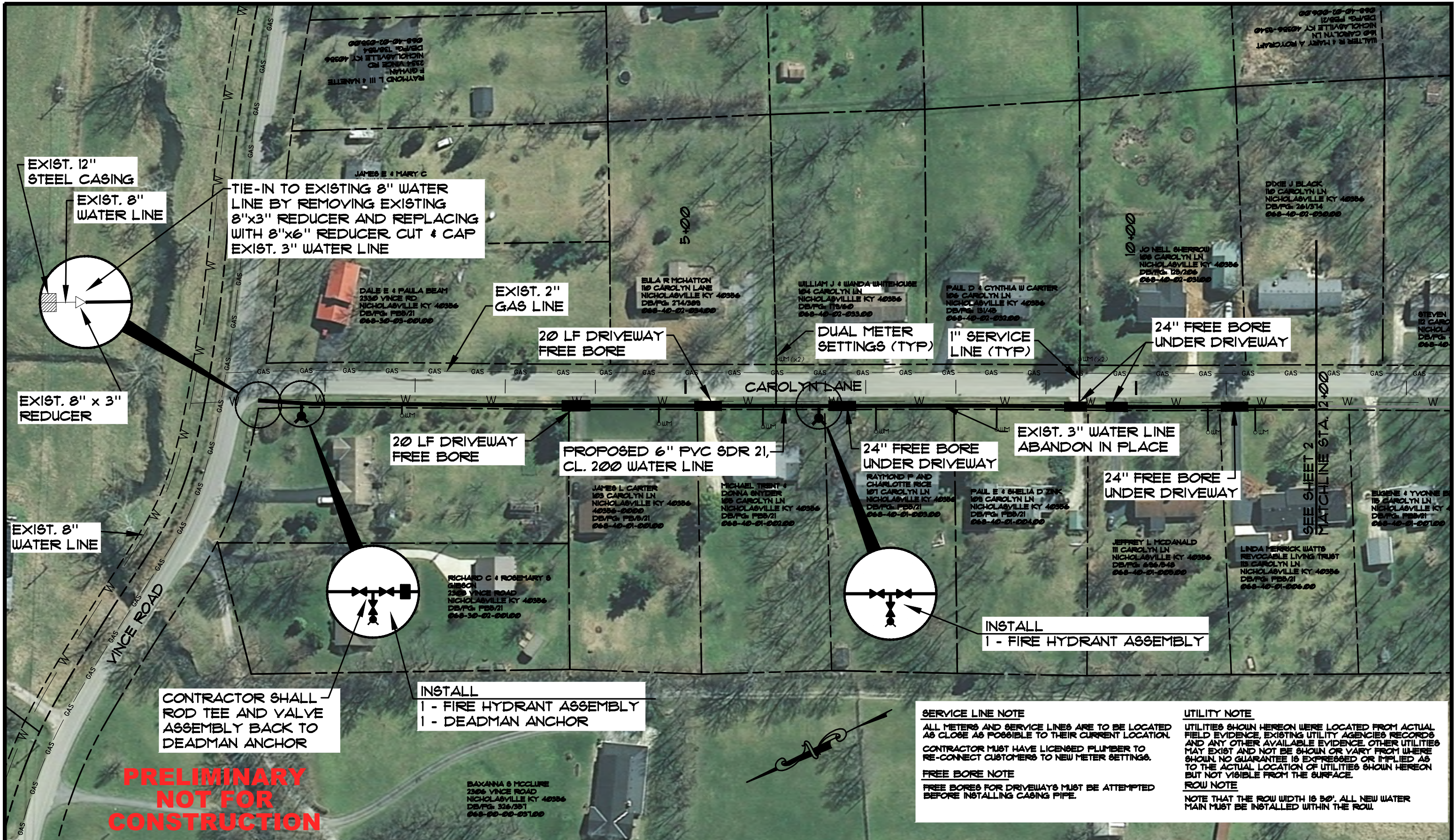


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FRANKFORT, KENTUCKY
(502) 695-9800
(502) 695-9810 FAX

WATER LINE UPGRADE
JESSAMINE COUNTY WATER DISTRICT No. 1
JESSAMINE COUNTY, KENTUCKY
GENERAL NOTES / LEGEND / SHEET INDEX /
TOPOGRAPHIC MAP

SHEET
GNI

NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE



**PRELIMINARY
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CONTRACTOR SHALL
ROD TEE AND VALVE
ASSEMBLY BACK TO
DEADMAN ANCHOR

INSTALL
1 - FIRE HYDRANT ASSEMBLY
1 - DEADMAN ANCHOR

SERVICE LINE NOTE
ALL METERS AND SERVICE LINES ARE TO BE LOCATED AS CLOSE AS POSSIBLE TO THEIR CURRENT LOCATION. CONTRACTOR MUST HAVE LICENSED PLUMBER TO RE-CONNECT CUSTOMERS TO NEW METER SETTINGS.

FREE BORE NOTE
FREE BORES FOR DRIVEWAYS MUST BE ATTEMPTED BEFORE INSTALLING CASING PIPE.

UTILITY NOTE
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ROW NOTE
NOTE THAT THE ROW WIDTH IS 50'. ALL NEW WATER MAIN MUST BE INSTALLED WITHIN THE ROW.

NO.	DATE	REVISIONS	CHKD	APPRD	DATE

PROJECT: 421100		DATE: JAN 2021	
SCALE: 1" = 100'			
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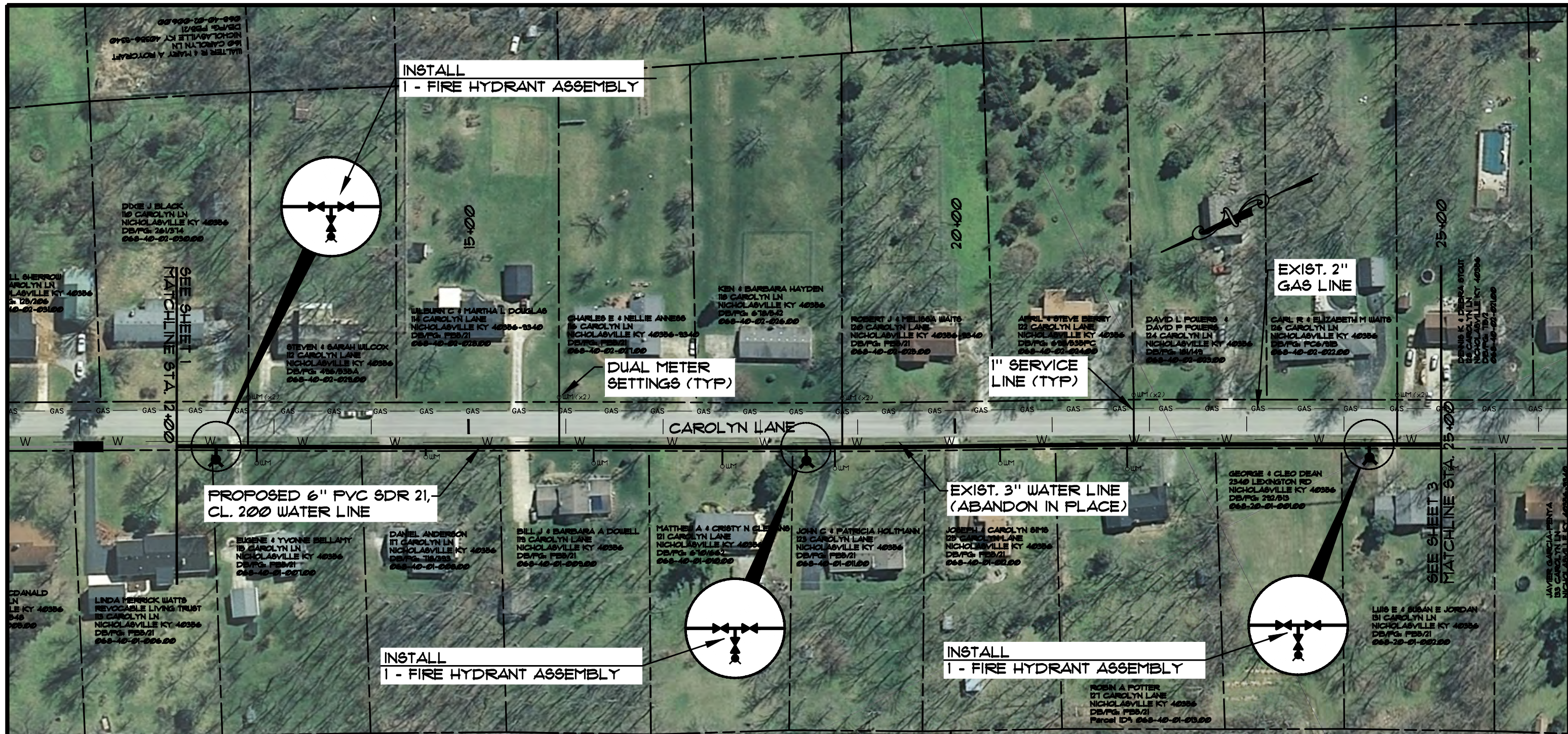
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**CAROLYN LANE WATER LINE UPGRADE
JESSAMINE COUNTY WATER DISTRICT NO. 1
JESSAMINE COUNTY, KENTUCKY**

PROPOSED WATER LINE UPGRADE

SHEET
1

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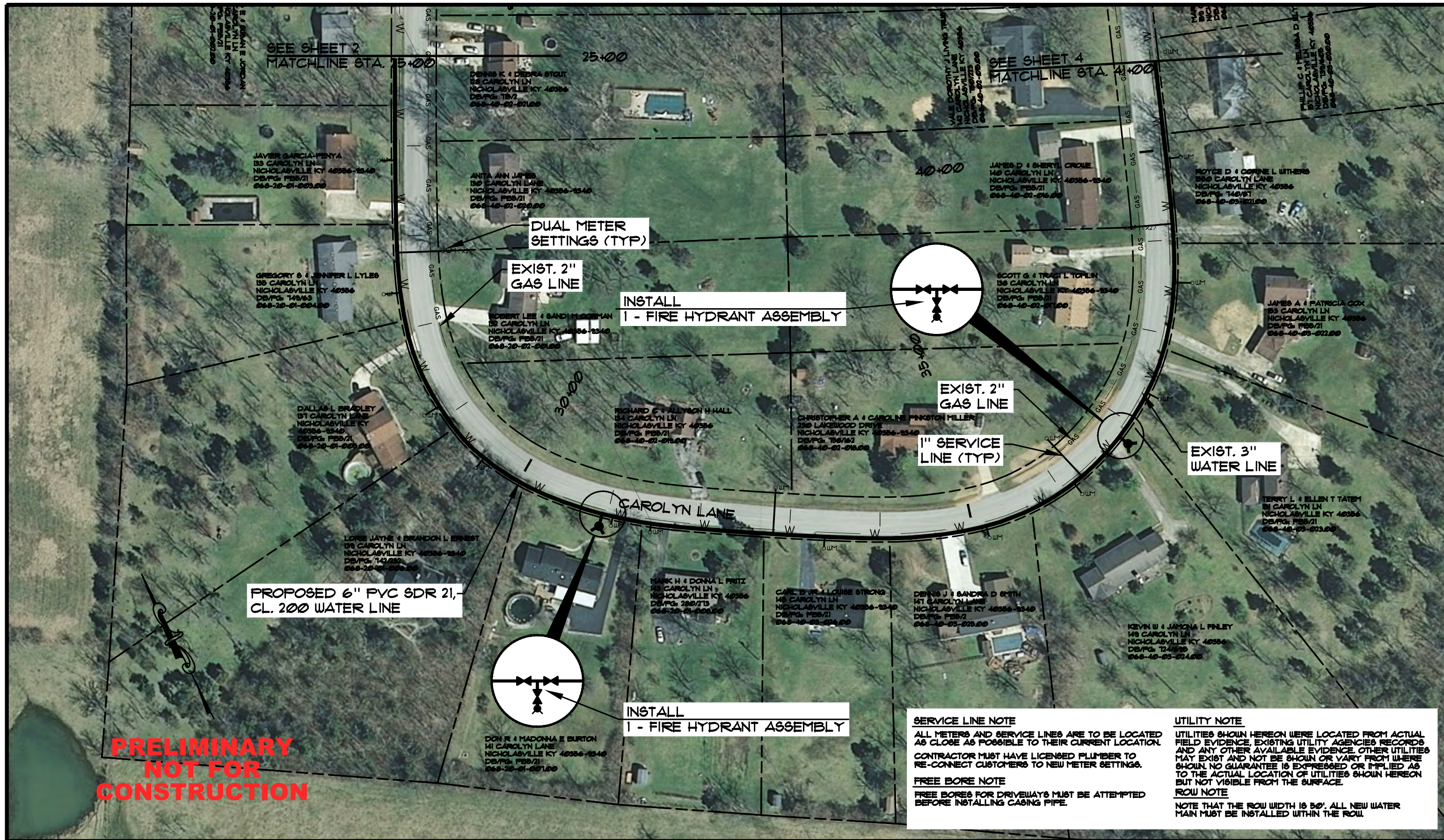
HMB
PROFESSIONAL ENGINEERS, INC.
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FRANKFORT, KENTUCKY
(502) 695-9800
(502) 695-9810 FAX

**CAROLYN LANE WATER LINE UPGRADE
JESSAMINE COUNTY WATER DISTRICT NO. 1
JESSAMINE COUNTY, KENTUCKY**

PROPOSED WATER LINE UPGRADE

SHEET 2

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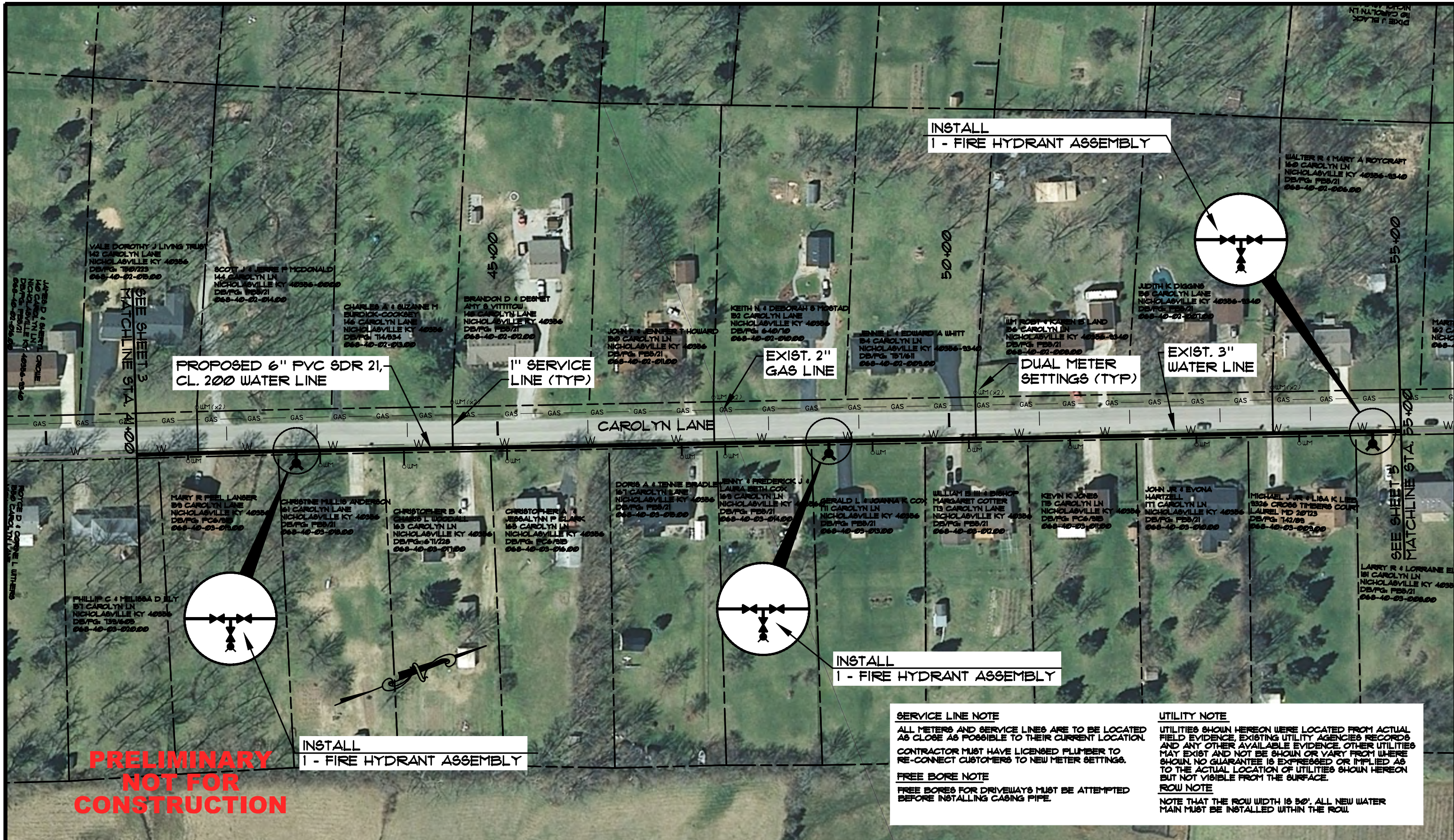


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(502) 695-9810 FAX**

PROFESSIONAL ENGINEERS, INC.

CAROLYN LANE WATER LINE UPGRADE JESSAMINE COUNTY WATER DISTRICT NO. 1 JESSAMINE COUNTY, KENTUCKY	SHEET 3
PROPOSED WATER LINE UPGRADE	

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PROJECT: 421100 DATE: JAN. 2021	
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**CAROLYN LANE WATER LINE UPGRADE
JESSAMINE COUNTY WATER DISTRICT NO. 1
JESSAMINE COUNTY, KENTUCKY**

PROPOSED WATER LINE UPGRADE

SHEET 4

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FREE BORE NOTE

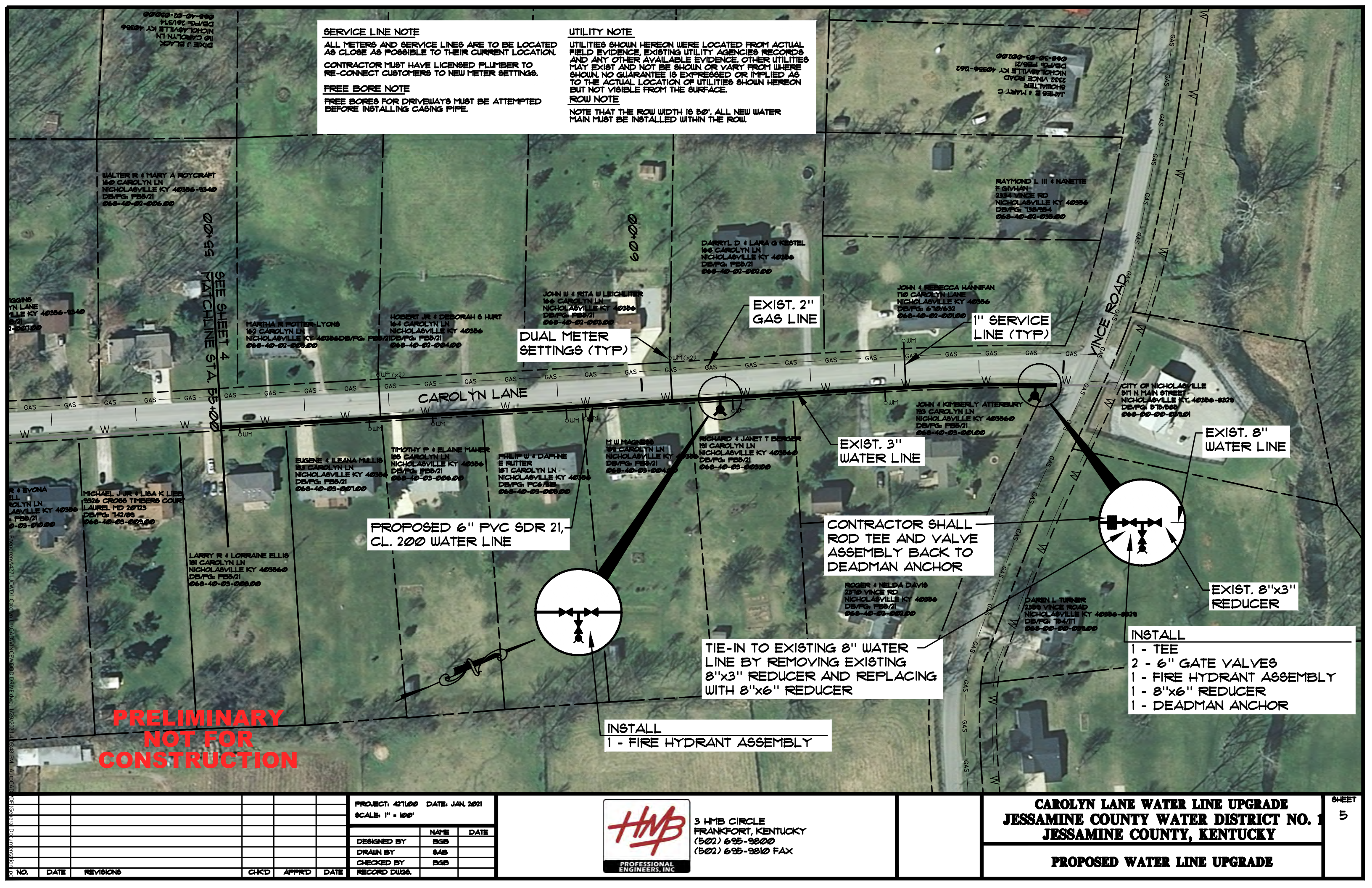
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PROJECT: 427100 DATE: JAN. 2021

SCALE: 1" = 100'

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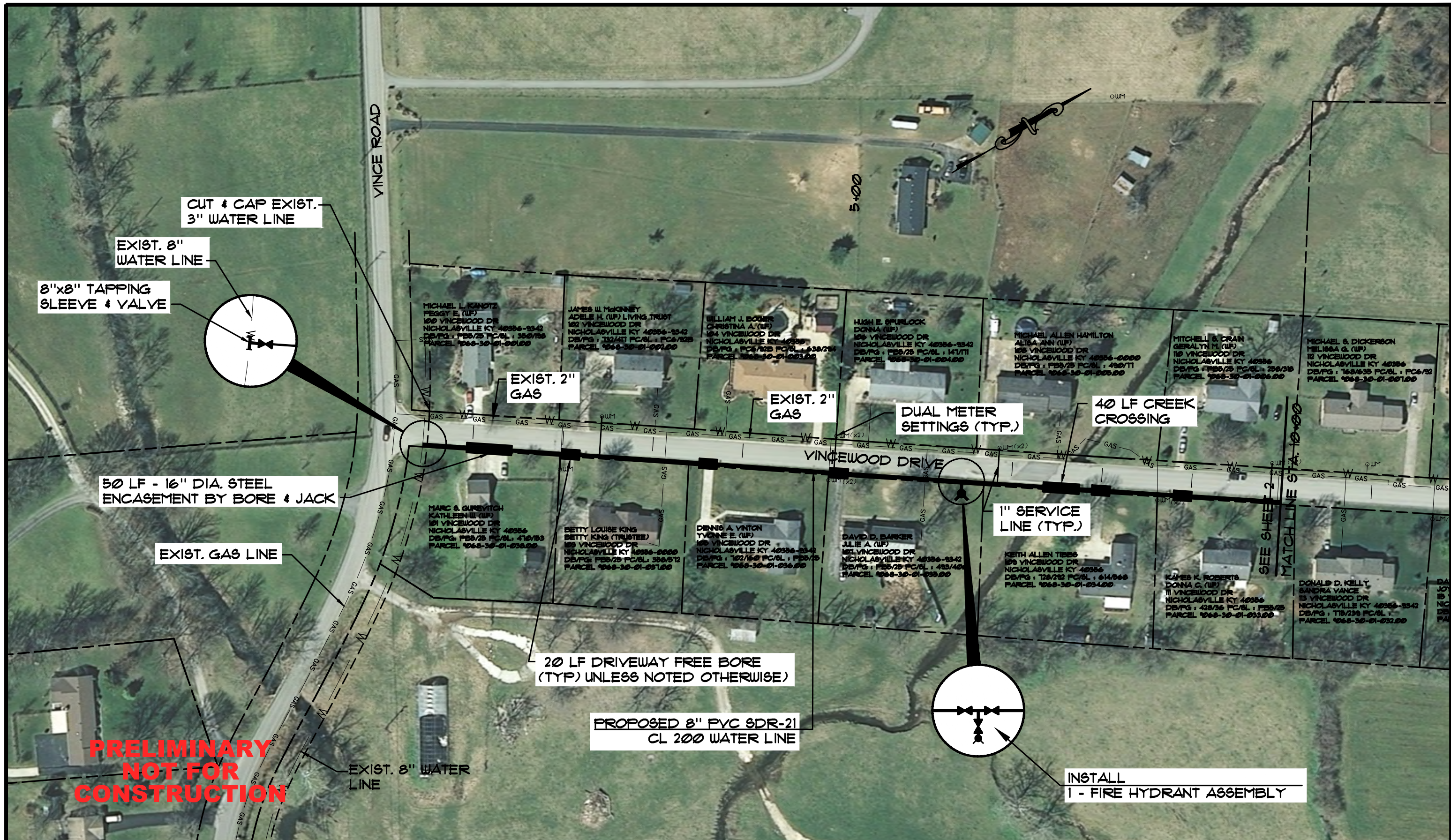
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**CAROLYN LANE WATER LINE UPGRADE
JESSAMINE COUNTY WATER DISTRICT NO. 1
JESSAMINE COUNTY, KENTUCKY**

PROPOSED WATER LINE UPGRADE

SHEET
5

NO.	DATE	REVISIONS	CHK'D	APPR'D	DATE



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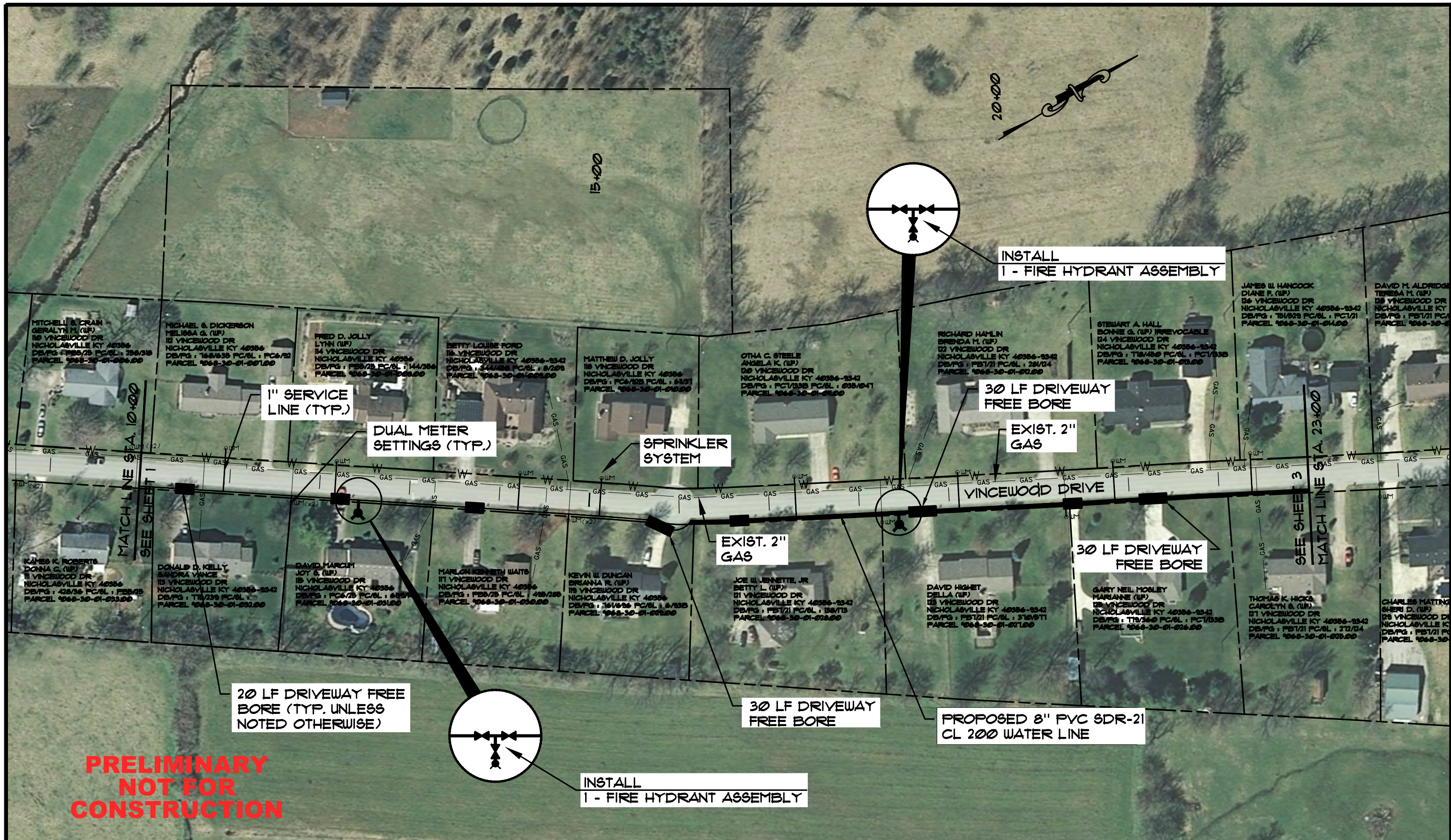
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**VINCEWOOD DRIVE WATER LINE UPGRADE
JESSAMINE COUNTY WATER DISTRICT No. 1
JESSAMINE COUNTY, KENTUCKY**

PROPOSED WATER LINE UPGRADE

SHEET
6

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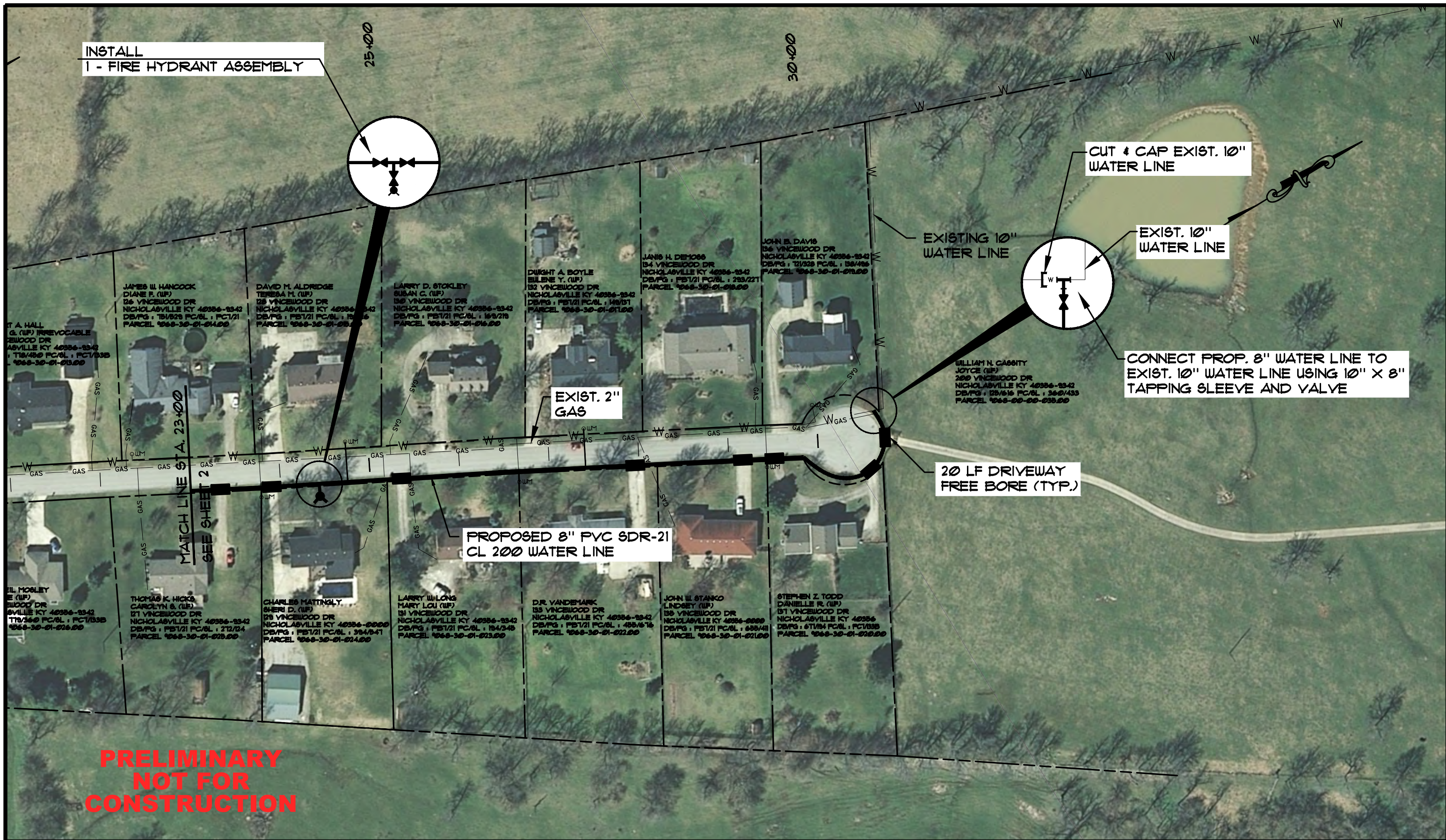


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VINCEWOOD DRIVE WATER LINE UPGRADE
JESSAMINE COUNTY WATER DISTRICT No. 1
JESSAMINE COUNTY, KENTUCKY

PROPOSED WATER LINE UPGRADE

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**INSTALL
1 - FIRE HYDRANT ASSEMBLY**

CUT & CAP EXIST. 10" WATER LINE

EXIST. 10" WATER LINE

CONNECT PROP. 8" WATER LINE TO EXIST. 10" WATER LINE USING 10" X 8" TAPPING SLEEVE AND VALVE

EXISTING 10" WATER LINE

20 LF DRIVEWAY FREE BORE (TYP.)

EXIST. 2" GAS

PROPOSED 8" PVC SDR-21 CL 200 WATER LINE

**MATCH LINE STA. 23+00
SEE SHEET 2**

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**VINCEWOOD DRIVE WATER LINE UPGRADE
JESSAMINE COUNTY WATER DISTRICT No. 1
JESSAMINE COUNTY, KENTUCKY**

PROPOSED WATER LINE UPGRADE

SHEET
8

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