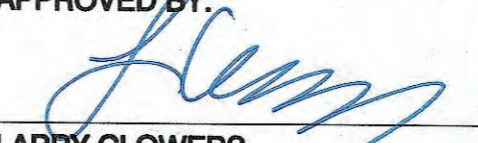


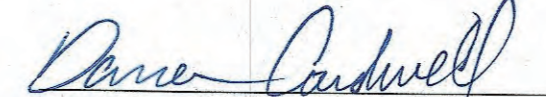
# ANDERSON COUNTY WATER AUTHORITY ANDERSON COUNTY, TENNESSEE

## HALLSDALE POWELL UTILITY DISTRICT KNOX COUNTY, TENNESSEE

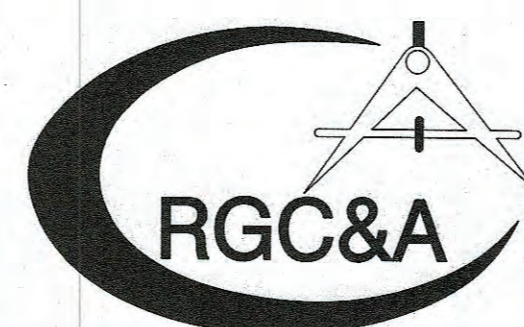
### 2020 CDBG WATER LINE EXTENSION FOR BUCHANAN RD., SAVAGE GARDEN RD., FOUST LN., HINDS CREEK RD., AND JUDSON RD.

DW20230343  
**APPROVED FOR CONSTRUCTION**  
THE DOCUMENT BEARING THIS STAMP HAS BEEN RECEIVED AND REVIEWED BY THE  
**TENNESSEE DEPT. OF ENVIRONMENT & CONSERVATION**  
DIVISION OF WATER RESOURCES  
AND IS HEREBY APPROVED FOR CONSTRUCTION BY THE COMMISSIONER  
  
05/08/2023  
THIS APPROVAL SHALL NOT BE CONSTRUED AS CREATING A PRESUMPTION  
OF CORRECT OPERATION OR AS WARRANTING BY THE COMMISSIONER THAT  
THE APPROVED FACILITIES WILL REACH THE DESIGNED GOALS.  
APPROVAL EXPIRES ONE YEAR FROM ABOVE DATE

APPROVED BY:  
  
LARRY CLOWERS  
GENERAL MANAGER  
ANDERSON COUNTY WATER AUTHORITY


APPROVED BY:  
  
DARREN CARDWELL  
GENERAL MANAGER  
HALLSDALE POWELL UTILITY DISTRICT

## ROBERT G. CAMPBELL & ASSOCIATES, L.P. CONSULTING ENGINEERS



KNOXVILLE, TENNESSEE



FILE NO.: 18706  
DATE: 09/06/2022  
2020 CDBG WATER LINE EXTENSION  
BUCHANAN RD., SAVAGE GARDEN RD., FOUST LN.,  
HINDS CREEK RD., AND JUDSON RD.  
ANDERSON COUNTY WATER AUTHORITY  
ANDERSON COUNTY, TENNESSEE  
HALLSDALE POWELL UTILITY DISTRICT  
KNOX COUNTY, TENNESSEE  
ROBERT G. CAMPBELL & ASSOC., L.P.  
CONSULTING ENGINEERS  
KNOXVILLE, TENNESSEE  


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**WATER NOTES:**

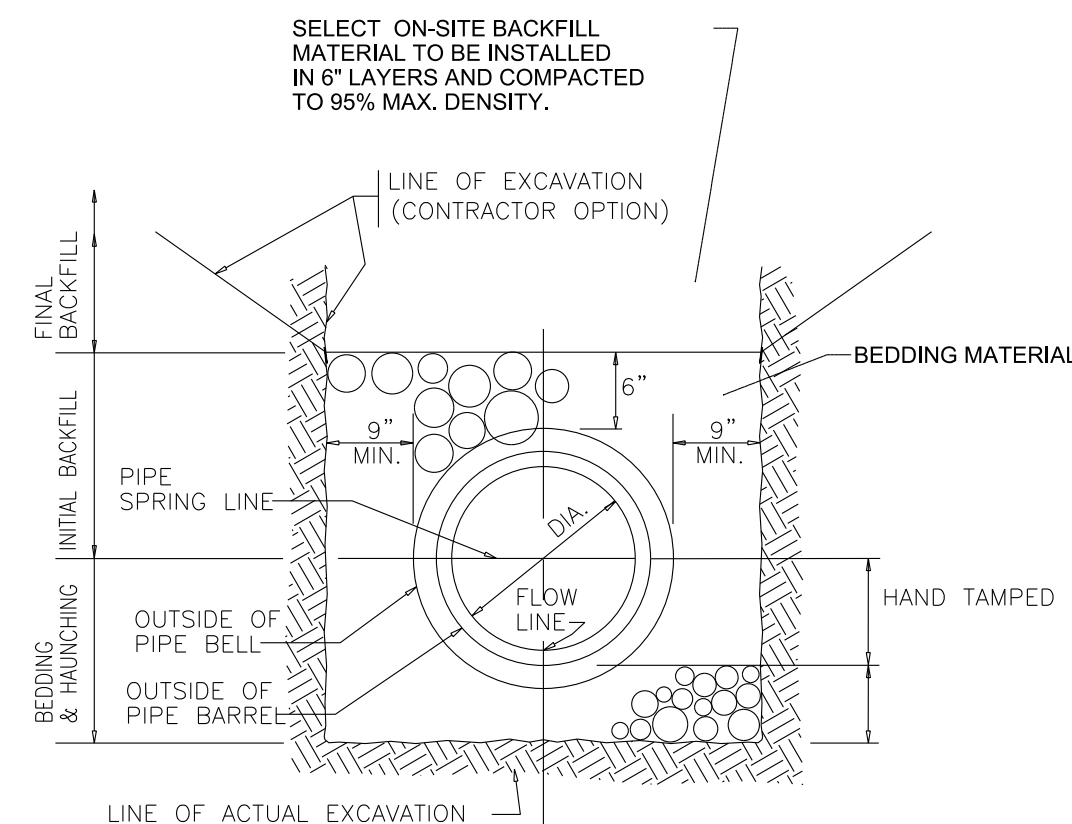
- EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNERS OF EACH UTILITY PRIOR TO CONSTRUCTION IN THE AREA AND REQUEST EXACT HORIZONTAL AND VERTICAL LOCATIONS.
- WATER PIPE SHALL BE CLASS 250 PVC.
- SERVICE LINES 500 L.F. OR LESS SHALL BE 2" POLYPIPE PE 3408 DR9. LINES GREATER THAN 500 L.F. UP TO 1,500 L.F. SHALL BE 1" POLYPIPE PE 3408 DR9. LINES GREATER THAN 1,500 L.F. MUST BE APPROVED BY THE OFFICIALS OF EACH UTILITY OWNER/PROVIDER.
- SERVICE LINES UNDER ROADWAYS, CREEKS AND CONCRETE DRIVEWAYS SHALL BE DIRECTIONAL BORE WITH 2" PVC OR HDPE CASING. ASPHALT AND GRAVEL DRIVEWAYS MAY BE OPEN CUT AND INSTALLED IN 2" PVC OR HDPE CASING.
- CONTRACTOR MUST HAVE A VALID CONTRACTOR UTILITY LICENSE FOR INSTALLATION OF UNDERGROUND PIPING.
- CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH SAFETY.
- CONTRACTOR SHALL SHORE AND BRACE ALL OPEN CUT TRENCHES AS REQUIRED BY STATE AND FEDERAL LAWS AND LOCAL ORDINANCES; TO CONFORM WITH RECOMMENDATIONS SET FORTH IN THE AGC MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION; TO PROTECT LIFE, PROPERTY, OR WORK; TO AVOID EXCESSIVELY WIDE CUTS IN UNSTABLE MATERIAL.
- ALL AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY PAVEMENT OR OTHER STRUCTURES SHALL BE PREPARED FOR SEEDING AND MULCH AS SOON AS PRACTICAL AFTER THE INSTALLATION OF PIPE LINE HAS BEEN COMPLETED IN EACH AREA.
- ALL APPURTENANCES SUCH AS MAIL BOXES, FENCES, ETC. MOVED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AND/OR REPAIRED TO EXISTING CONDITION AFTER CONSTRUCTION.
- ALL DRIVEWAY PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS AND EQUAL TO THE EXISTING CONDITION OR BETTER.
- CONSTRUCTION SHALL ADHERE TO THE MOST CURRENT TDEC APPROVED STANDARD SPECIFICATIONS FOR WATER SYSTEM CONSTRUCTION FOR THE ANDERSON COUNTY WATER AUTHORITY.

**EROSION / POLLUTION CONTROL:**

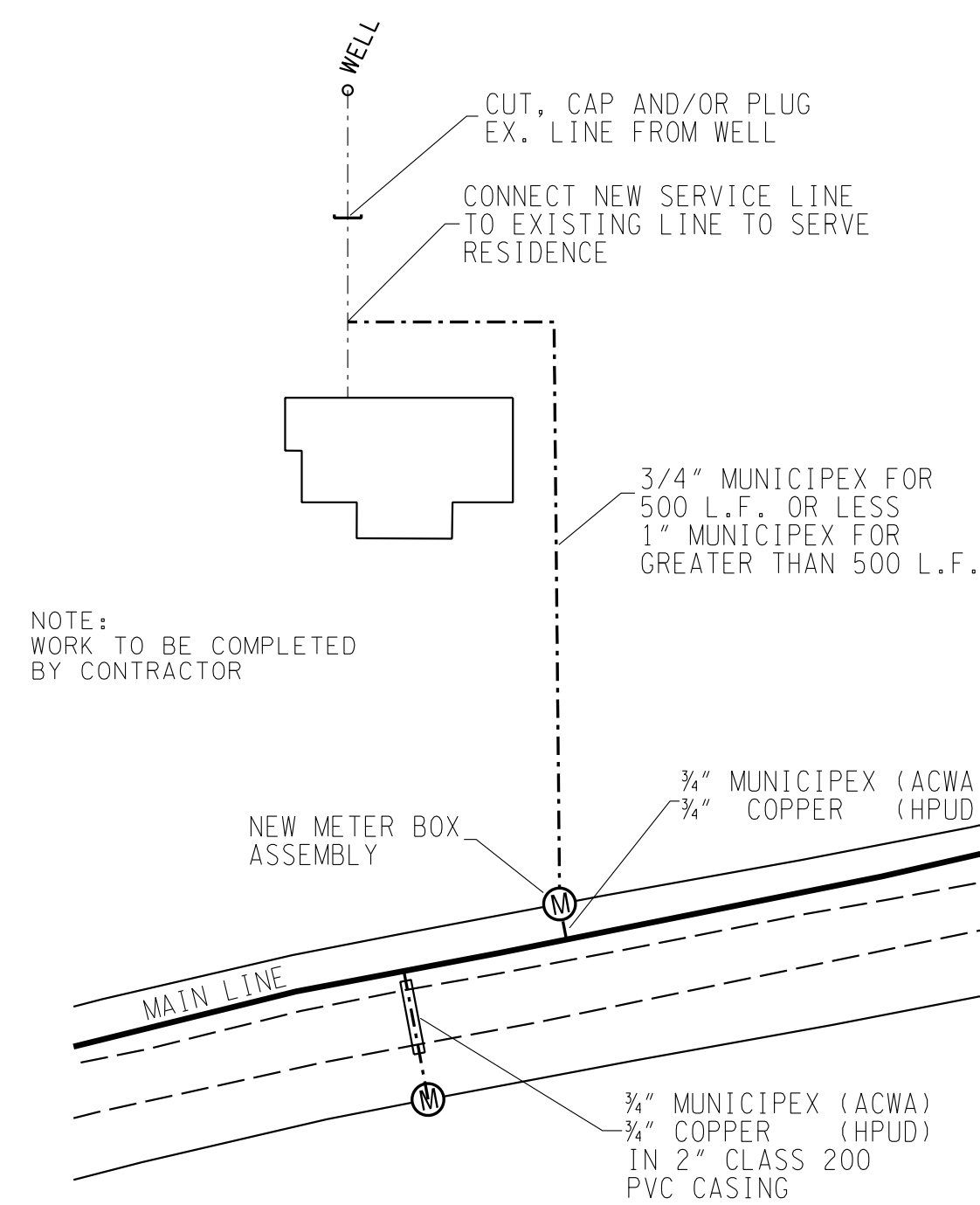
- ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL REQUIREMENTS SHALL BE FOLLOWED DURING CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO CONTROL EROSION AND WATER POLLUTION THROUGHOUT THE CONSTRUCTION PERIOD. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE EARTH MOVING OPERATIONS BEGIN. CLEARING AND GRUBBING SHALL BE HELD TO A MINIMUM WIDTH NECESSARY TO ACCOMMODATE CONSTRUCTION SLOPES. THE CONTRACTOR SHALL ADHERE TO THE STORM WATER POLLUTION PREVENTION PLAN AS PROVIDED IN THE CONTRACT DOCUMENTS.
- ANY STOCKPILED SOIL OR FILL MATERIAL SHALL BE LOCATED AND TREATED IN A MANNER TO PREVENT SILT FROM ENTERING STREAMS. NO EXCAVATED MATERIAL SHALL BE DISCHARGED INTO DITCHES. THE CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED MATERIAL IN A LOCATION APPROVED BY THE ENGINEER, ABOVE THE NORMAL HIGH WATER ELEVATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL EROSION CONTROL PROVISIONS AS SET FORTH IN THE EROSION AND SEDIMENT CONTROL HANDBOOK AVAILABLE FROM THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION.
- THE CONTRACTOR SHALL MAINTAIN THE EROSION CONTROL MEASURES THROUGHOUT THE LENGTH OF THE CONTRACT AS REQUIRED.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY VEGETATION, BERMS, SEDIMENT BASINS, SLOPE DRAINS, AND SILT FENCES) AS DIRECTED BY THE ENGINEER.
- NO EARTH OR OTHER ERODIBLE MATERIAL SHALL BE USED TO DIVERT STREAM FLOW OR TO CONSTRUCT COFFERDAMS. CLEAN CUT ROCK WITH FINES MAY BE USED, OR IN THE CASE OF COFFERDAMS, STEEL SHEETING OR SAND BAGS IS PERMISSIBLE. WATER OR SEDIMENT ISOLATED BY COFFERDAMS SHALL BE PUMPED INTO SEDIMENT BASINS ON THE BANK OF THE STREAM.

**UTILITIES:**

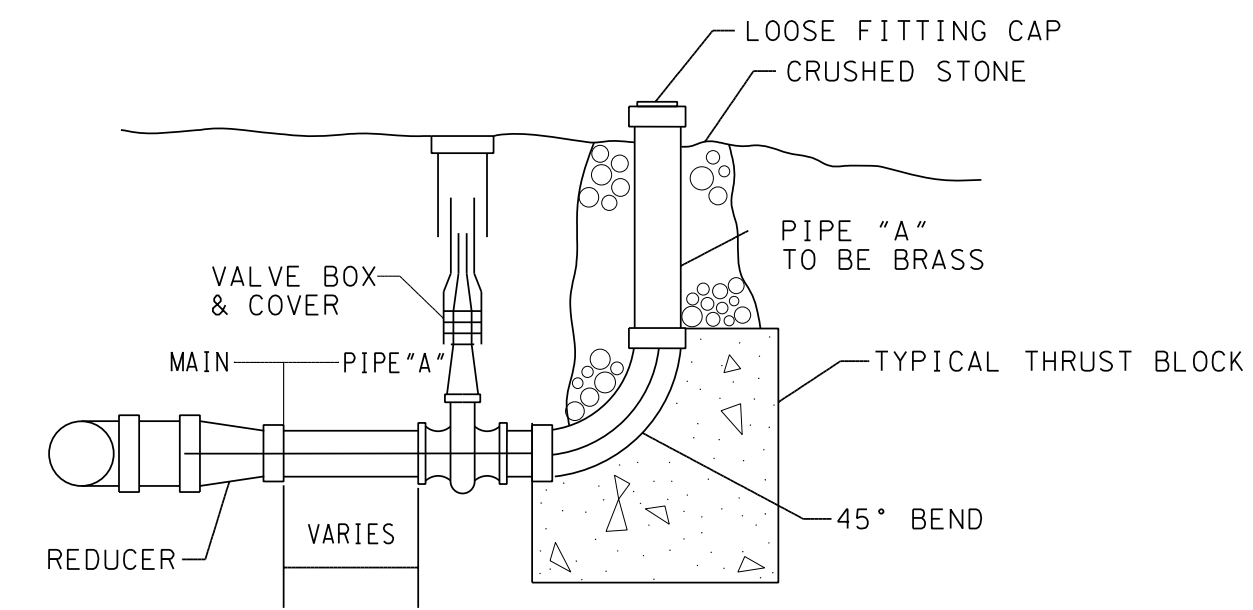
- LOCATIONS OF UTILITIES, PUBLIC AND/OR PRIVATE, ARE APPROXIMATE ONLY, AND THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD. IT IS POSSIBLE THAT SOME EXISTING FACILITIES ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ALL UNDERGROUND UTILITY FACILITIES LOCATED AND MARKED PRIOR TO THE BEGINNING OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY OWNERS PRIOR TO INTERRUPTING ANY ELECTRICAL, COMMUNICATIONS, GAS, WATER, OR SEWER SERVICES. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED UTILITY CUSTOMERS AT LEAST 24 HOURS BEFORE INTERRUPTING THE CUSTOMERS SERVICE. WHERE INDIVIDUAL SERVICES ARE TO BE DISCONTINUED FOR MORE THAN 4 HOURS, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR PROVIDING TEMPORARY SERVICE SATISFACTORY TO THE AFFECTED CUSTOMER. THE REPAIR OR REPLACEMENT OF UTILITY COMPONENTS SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF THE ANDERSON COUNTY WATER AUTHORITY.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. SHOULD SPECIAL EQUIPMENT BE REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR SHALL BE REQUIRED TO FURNISH SUCH EQUIPMENT.
- ANY EXISTING STORM DRAINAGE PIPING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AS RAPIDLY AS POSSIBLE AND THEN BE INSPECTED BY ITS RESPECTIVE OWNER.
- WHERE WATER PIPING CROSSES THE SANITARY SEWER FORCE MAIN, THE WATER SERVICE WITHIN 10 FEET OF THE POINT OF CROSSING SHALL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE FORCE MAIN. THE FORCE MAIN SHALL BE OF DUCTILE IRON WITH MECHANICAL JOINTS OR HDPE AT LEAST 10 FEET ON BOTH SIDES OF THE CROSSING.



**UNDERGROUND INSTALLATION OF ALL WATER PIPE**

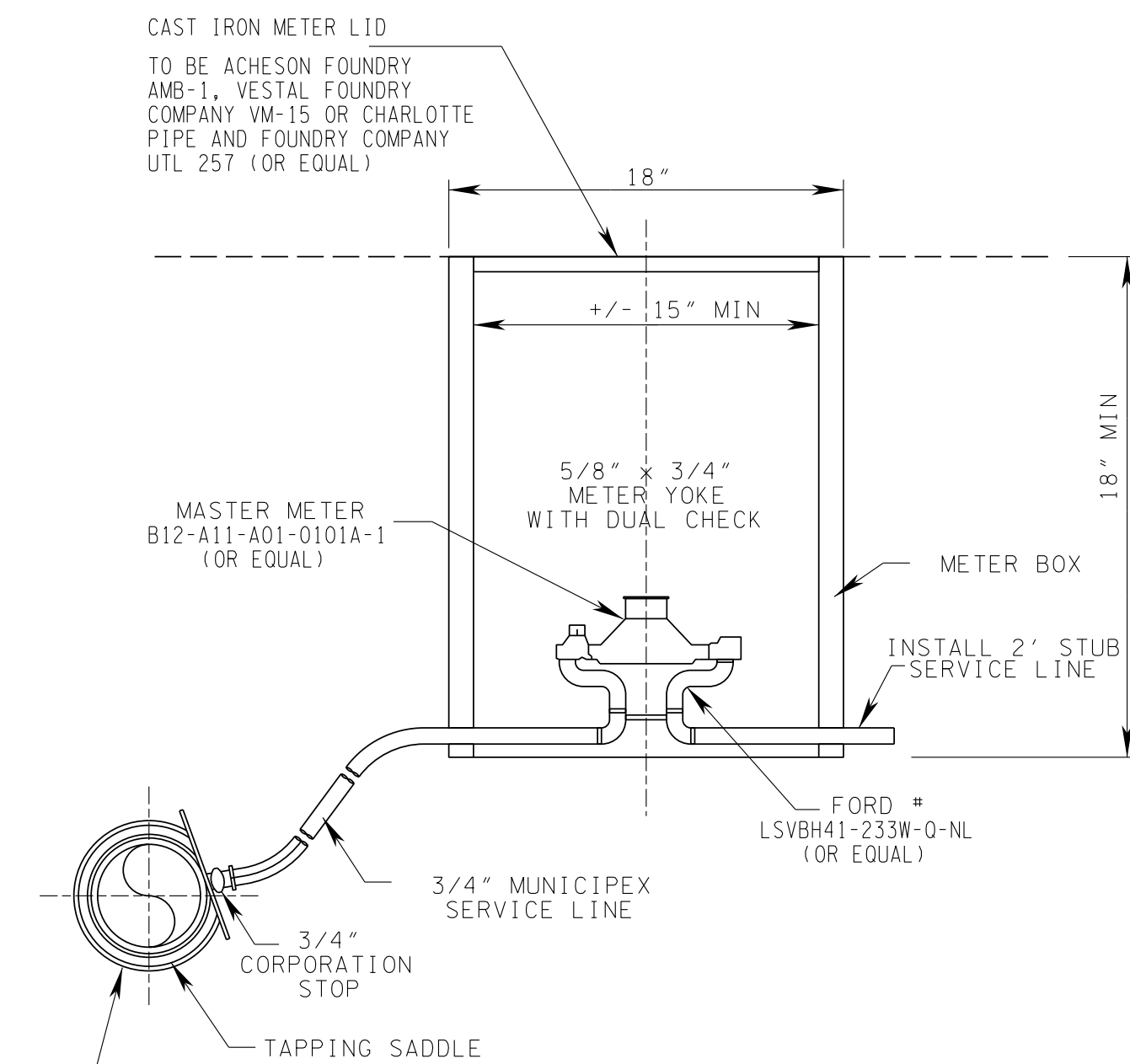


**TYPICAL SERVICE CONNECTION**

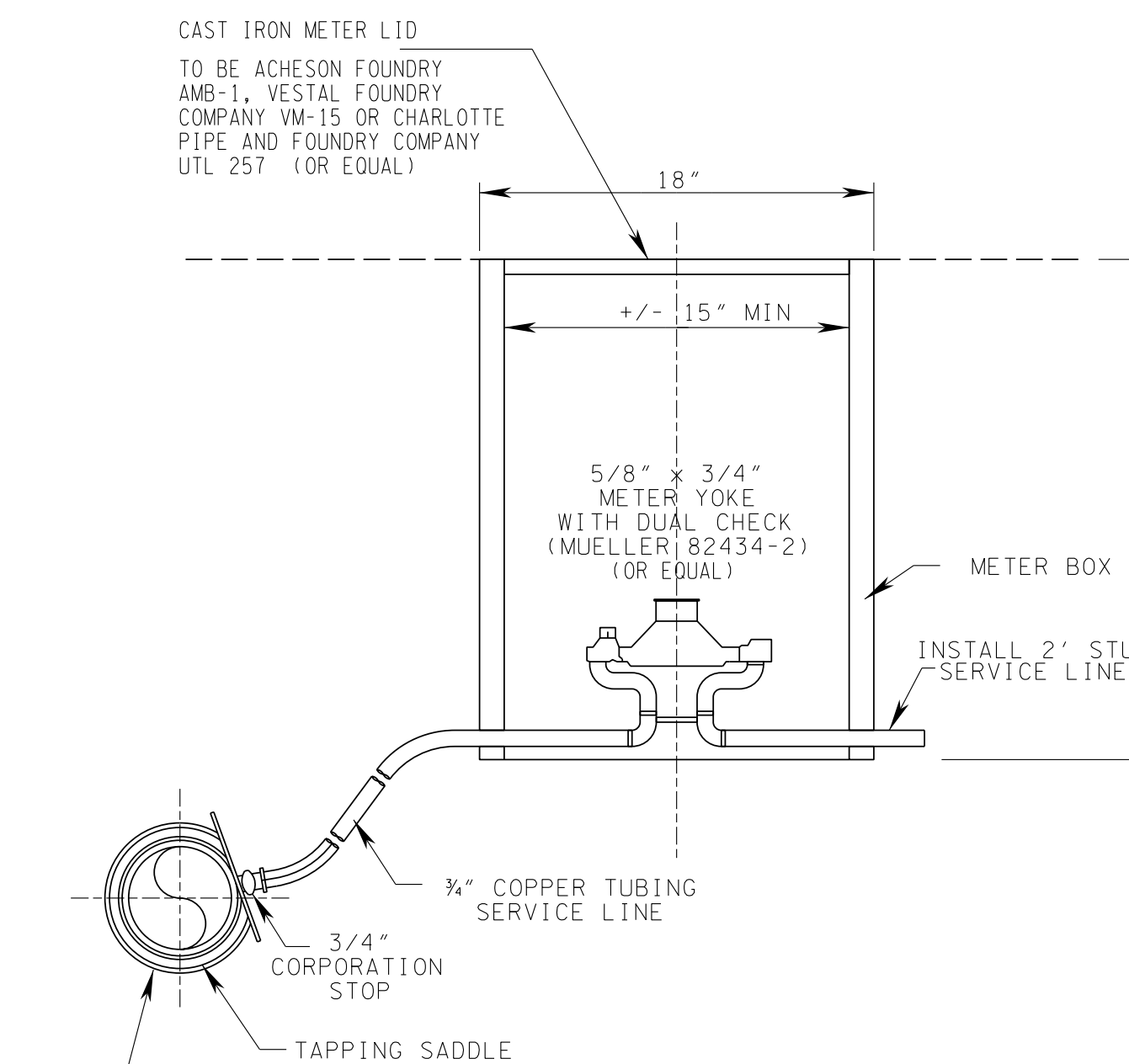


WATER MAIN	PIPE "A"/VALVE
UP TO 6" MAIN	2" MIN
8" TO 20" MAIN	3" MIN
20" TO 36" MAIN	4" MIN

**BLOWOFF ASSEMBLY**



**ACWA - SERVICE CONNECTION**

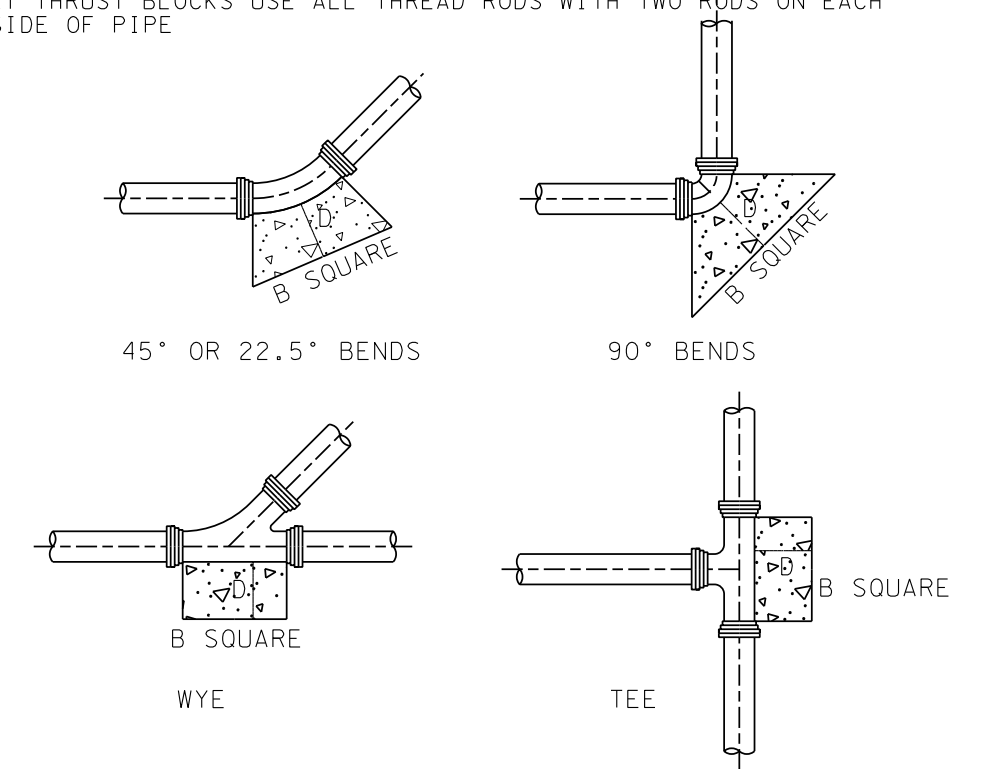


**HPUD - SERVICE CONNECTION**

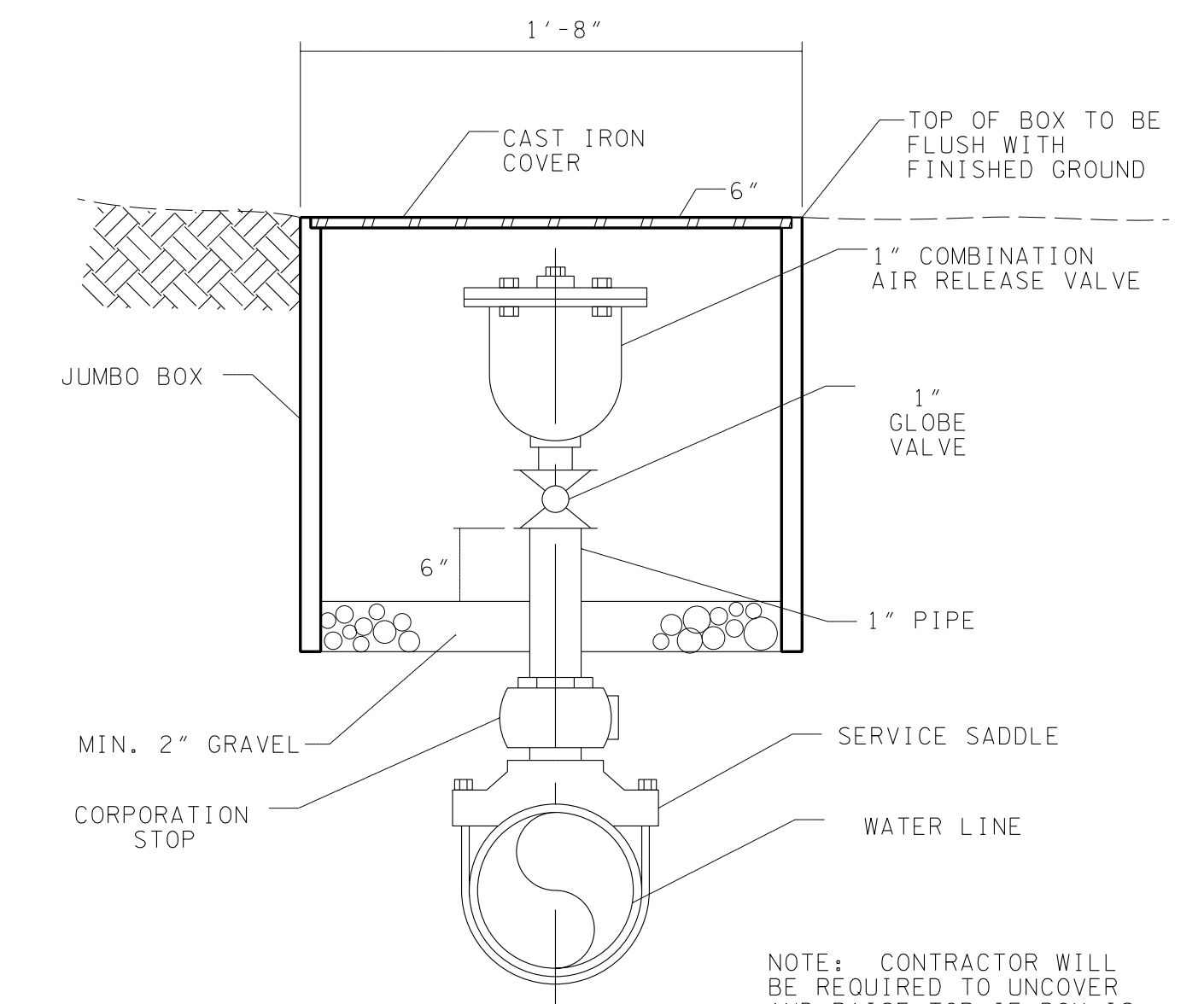
PIPE IN.	THRUST BLOCKS							
	90° BENDS		45° BENDS		22.5° BENDS		WYES & TEES	
	B	D	B	D	B	D	B	D
2	1.0'	1.0'	1.0'	1.0'	1.0'	1.0'	1.0'	1.0'
3	1.0'	1.0'	1.0'	1.0'	1.0'	1.0'	1.0'	1.0'
4	1.0'	1.0'	1.0'	1.0'	1.0'	1.0'	1.2'	1.0'
6	1.4'	1.0'	1.0'	1.0'	1.0'	1.0'	1.6'	1.0'
8	1.8'	1.0'	1.4'	1.0'	1.0'	1.0'	2.2'	1.0'
10	2.3'	1.0'	1.7'	1.0'	1.2'	1.0'	2.7'	1.0'
12	2.7'	1.0'	2.0'	1.0'	1.4'	1.0'	3.2'	1.0'
14	3.2'	1.0'	2.4'	1.0'	1.7'	1.0'	3.8'	1.0'
16	3.6'	1.0'	2.7'	1.0'	1.9'	1.0'	4.3'	1.2'
18	4.1'	1.2'	3.0'	1.0'	2.2'	1.0'	4.9'	1.2'
20	4.5'	1.2'	3.4'	1.0'	2.4'	1.0'	5.4'	1.2'
24	5.5'	1.2'	4.0'	1.0'	2.9'	1.0'	6.5'	1.5'
30	6.8'	1.5'	5.0'	1.2'	3.6'	1.0'	8.1'	1.7'
36	8.2'	1.7'	6.0'	1.3'	4.3'	1.2'	9.7'	1.8'
42	9.6'	1.8'	7.0'	1.5'	5.0'	1.2'	11.3'	2.0'

NOTES:

- THRUST BLOCK TO BE MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI CONCRETE AT 28 DAYS.
- ALL THRUST BLOCKING SHALL BEAR AGAINST UNDISTURBED SOIL.
- AT THRUST BLOCKS USE ALL THREAD RODS WITH TWO RODS ON EACH SIDE OF PIPE

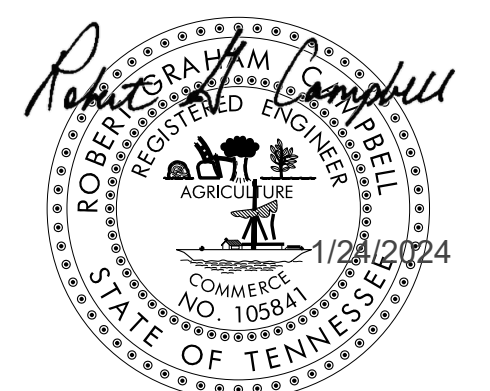


**THRUST BLOCKS**



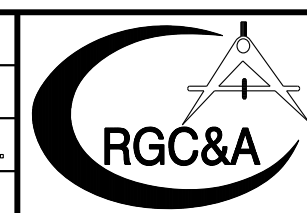
**AIR RELEASE VALVE**  
TO BE INSTALLED AT CREST

NOTE: CONTRACTOR WILL BE REQUIRED TO UNCOVER AND RAISE TOP OF BOX IS NOT AT OR SLIGHTLY ABOVE FINISHED GRADE.



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NO.	DATE	DESCRIPTION	JLD	MEM
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		REVISIONS	BY	CKD.

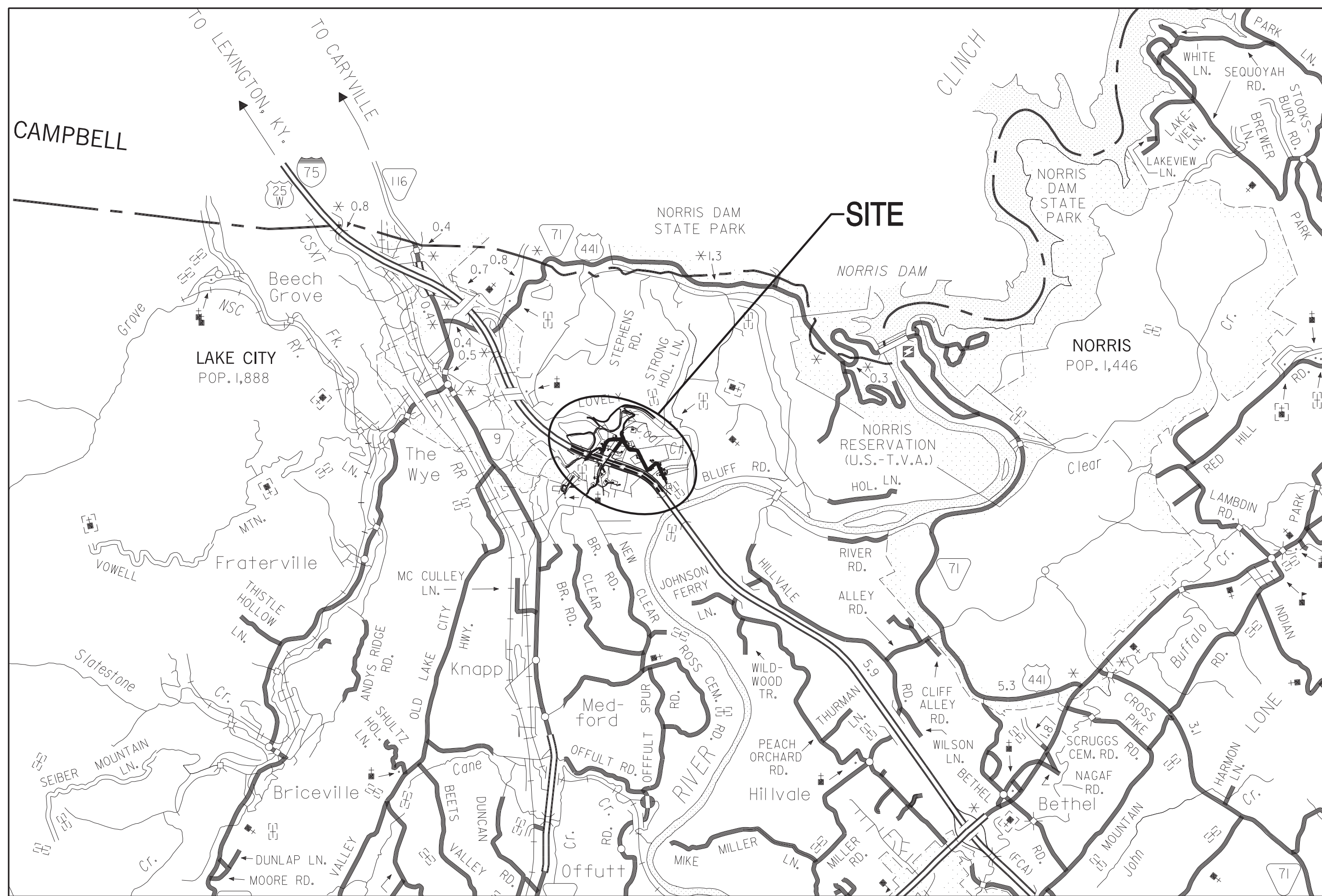


**ROBERT G. CAMPBELL & ASSOC., L.P.**  
CONSULTING ENGINEERS  
KNOXVILLE, TENNESSEE

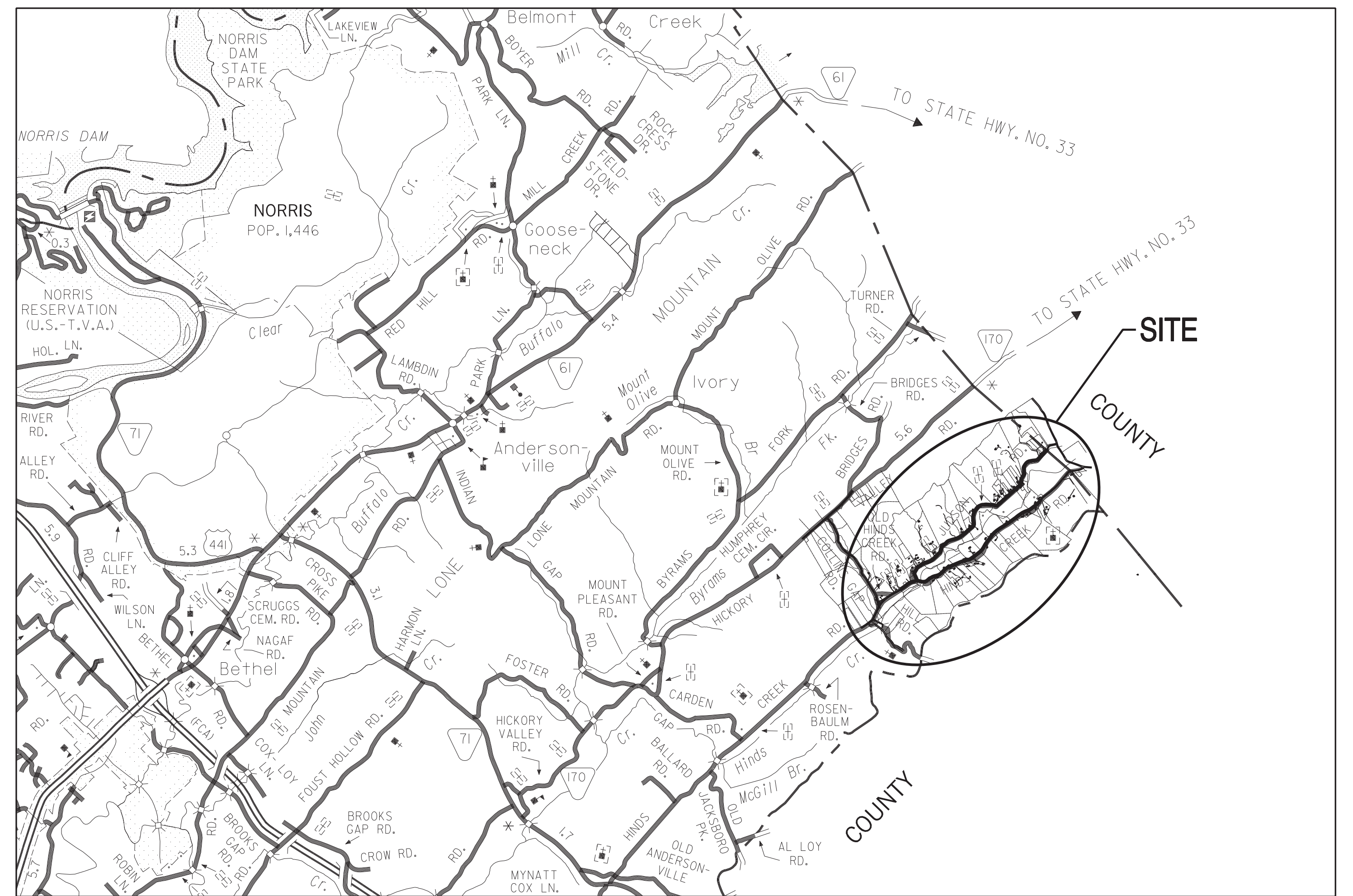
**ANDERSON COUNTY WATER AUTHORITY**  
HALLSDALE POWELL UTILITY DISTRICT

**2020 CDBG WATER LINE EXTENSION**  
NOTES & DETAILS

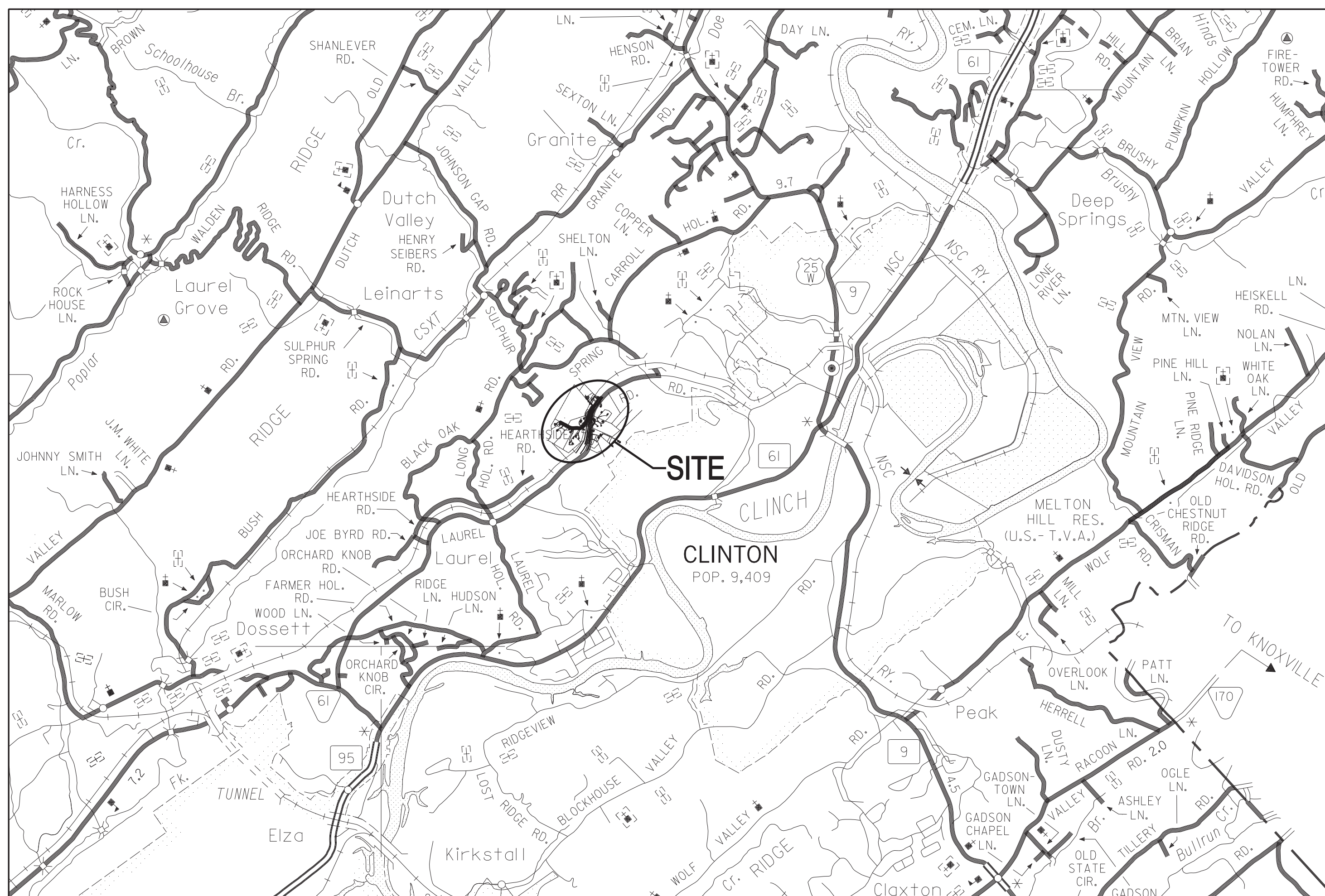
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JLD	RGC	N.T.S.	NO. 2
DRAWN BY	DATE	FILE NO.	OF
JLD	09/06/2022	18706	23



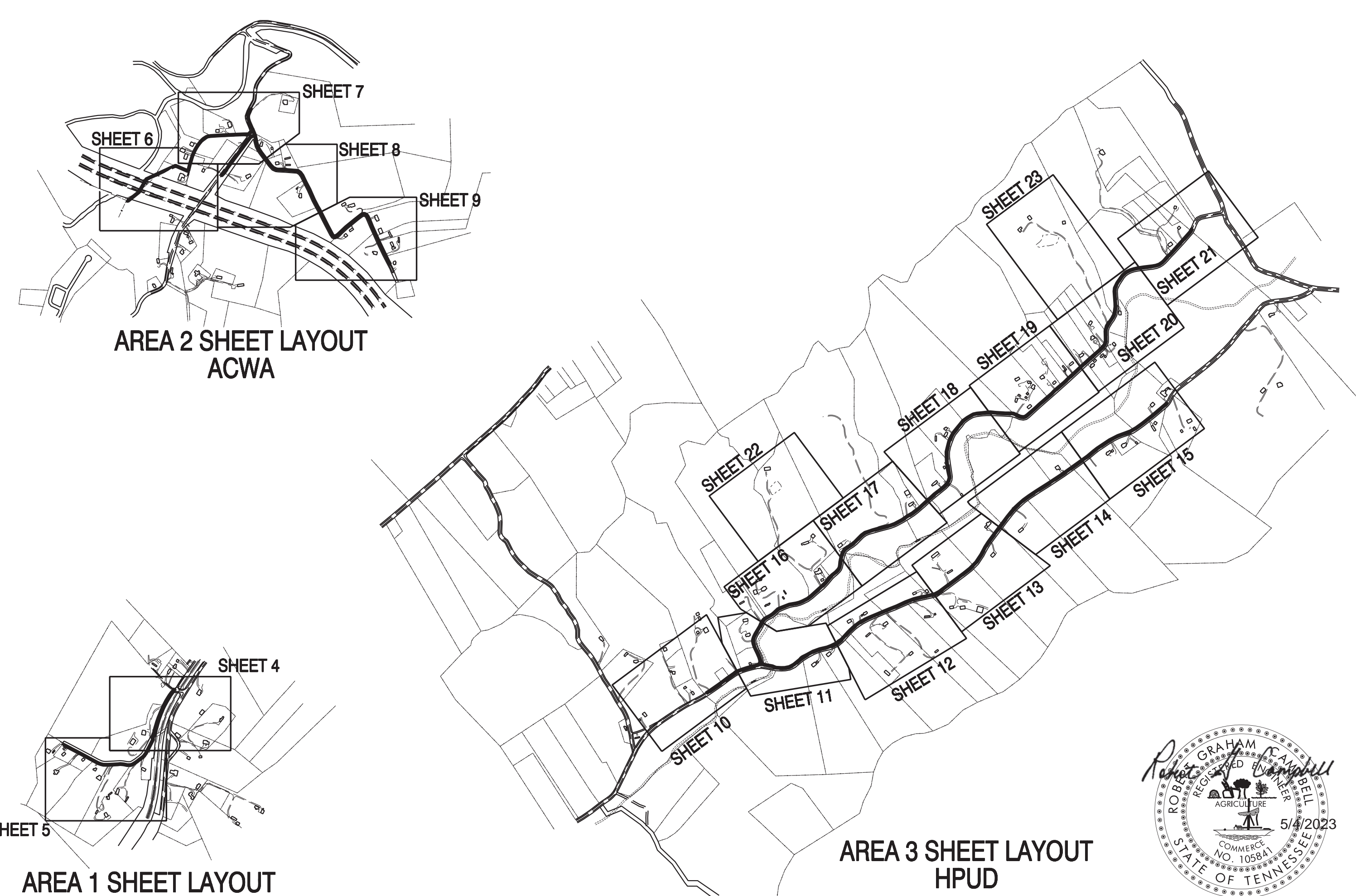
ACWA - AREA 2 - LOCATION MAP



HPUD - AREA 3 - LOCATION MAP



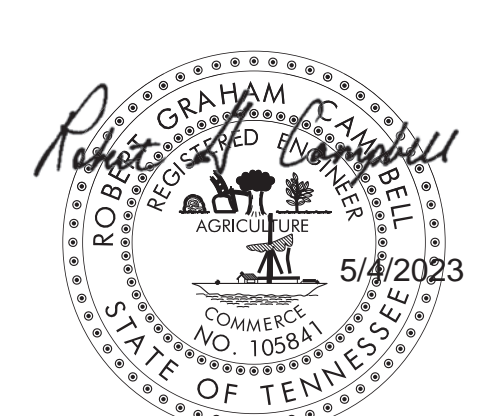
ACWA - AREA 1 - LOCATION MAP



AREA 2 SHEET LAYOUT  
ACWA

AREA 1 SHEET LAYOUT  
ACWA

AREA 3 SHEET LAYOUT  
HPUD



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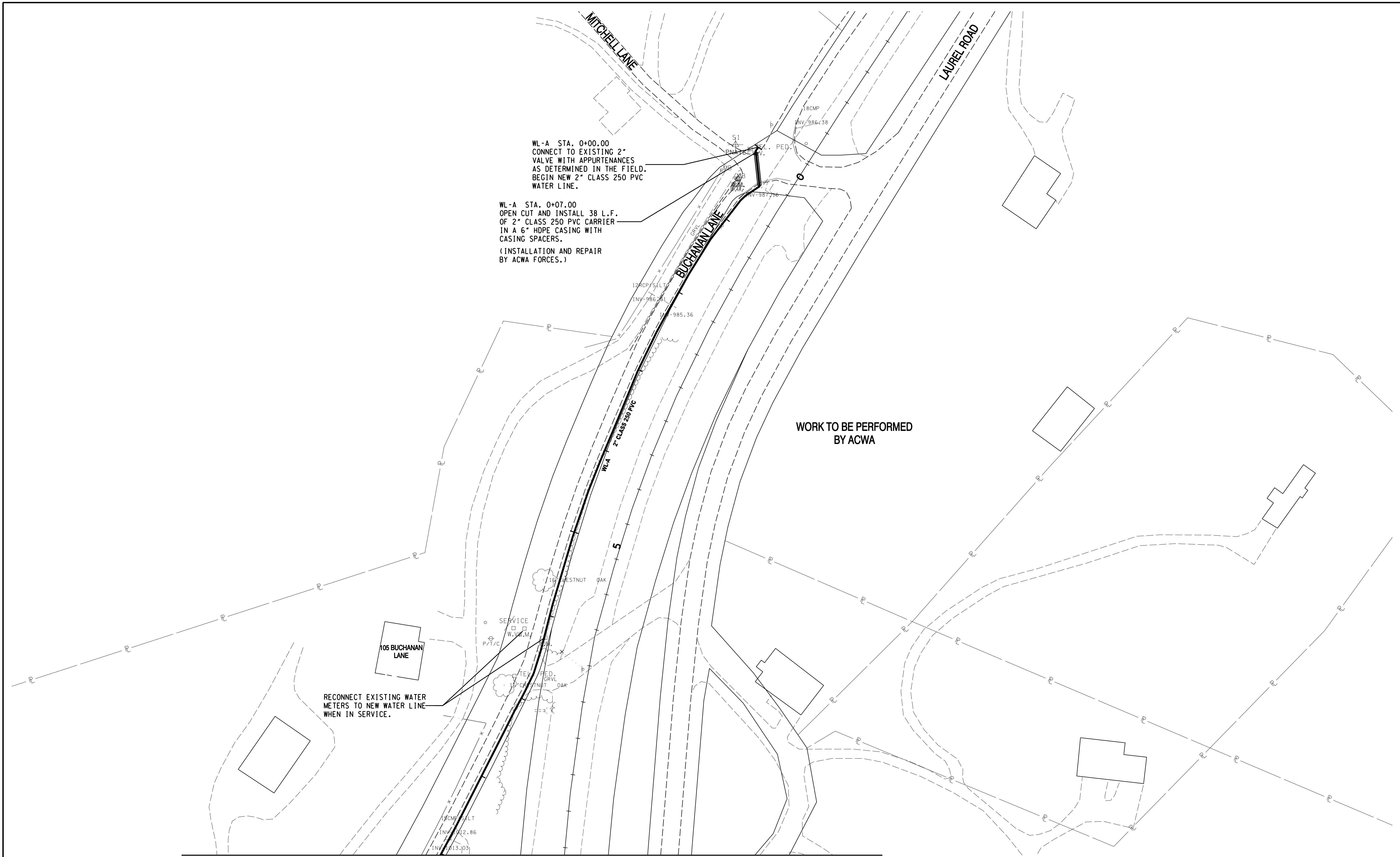
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CONSULTING ENGINEERS  
KNOXVILLE, TENNESSEE

**ANDERSON COUNTY WATER AUTHORITY**  
**HALLSDALE POWELL UTILITY DISTRICT**

**2020 CDBG WATER LINE EXTENSION**  
**LOCATION MAPS & SHEET LAYOUT**

DESIGNED BY	CHECKED BY	SCALE	SHEET
JLD	RGC	N.T.S.	NO. <b>3</b>
DRAWN BY <td>DATE <td>FILE NO. <td>OF 23 SHEETS</td> </td></td>	DATE <td>FILE NO. <td>OF 23 SHEETS</td> </td>	FILE NO. <td>OF 23 SHEETS</td>	OF 23 SHEETS
JLD	09/06/2022	18706	



MATCHLINE WL-A STA. 9+00 SHEET 5

WORK TO BE PERFORMED BY ACWA

RECONNECT EXISTING WATER METERS TO NEW WATER LINE WHEN IN SERVICE.

WL-A STA. 0+00.00  
CONNECT TO EXISTING 2" VALVE WITH APPURTENANCES AS DETERMINED IN THE FIELD. BEGIN NEW 2" CLASS 250 PVC WATER LINE.

WL-A STA. 0+07.00  
OPEN CUT AND INSTALL 38 L.F. OF 2" CLASS 250 PVC CARRIER IN A 6" HDPE CASING WITH CASING SPACERS.  
(INSTALLATION AND REPAIR BY ACWA FORCES.)

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REVISIONS				

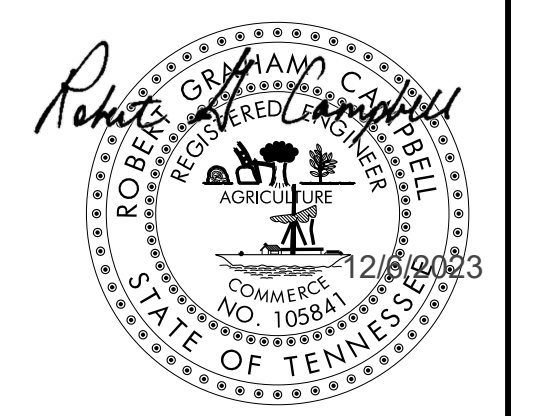


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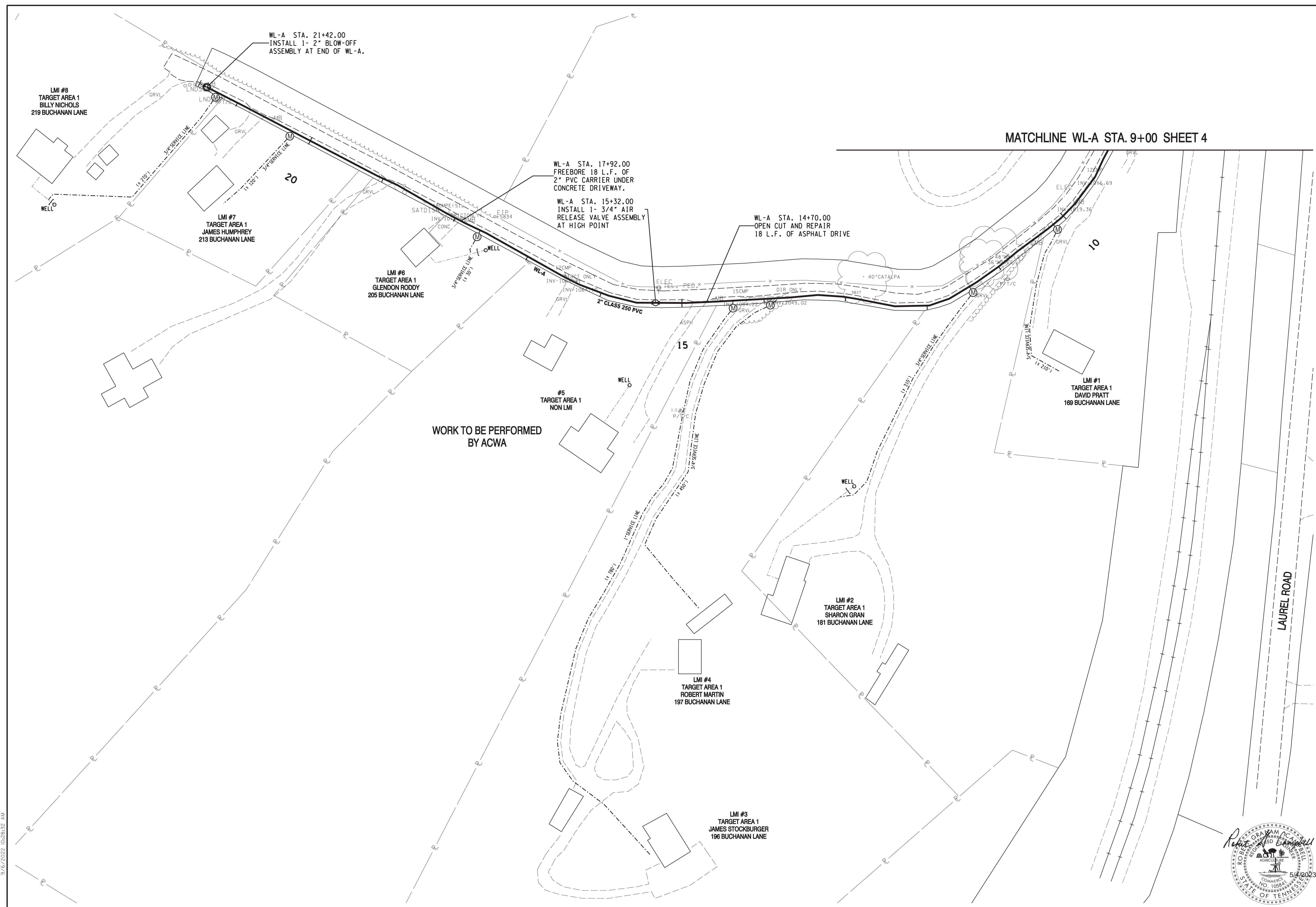
**ANDERSON COUNTY WATER AUTHORITY**  
ANDERSON COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
BUCHANAN LANE

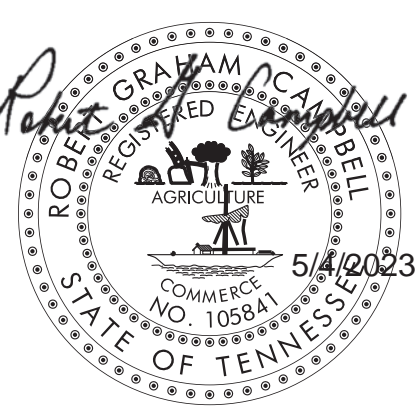
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DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS



MATCHLINE WL-A STA. 9+00 SHEET 4



WORK TO BE PERFORMED BY ACWA



NO.	DATE	DESCRIPTION	BY	CKD.

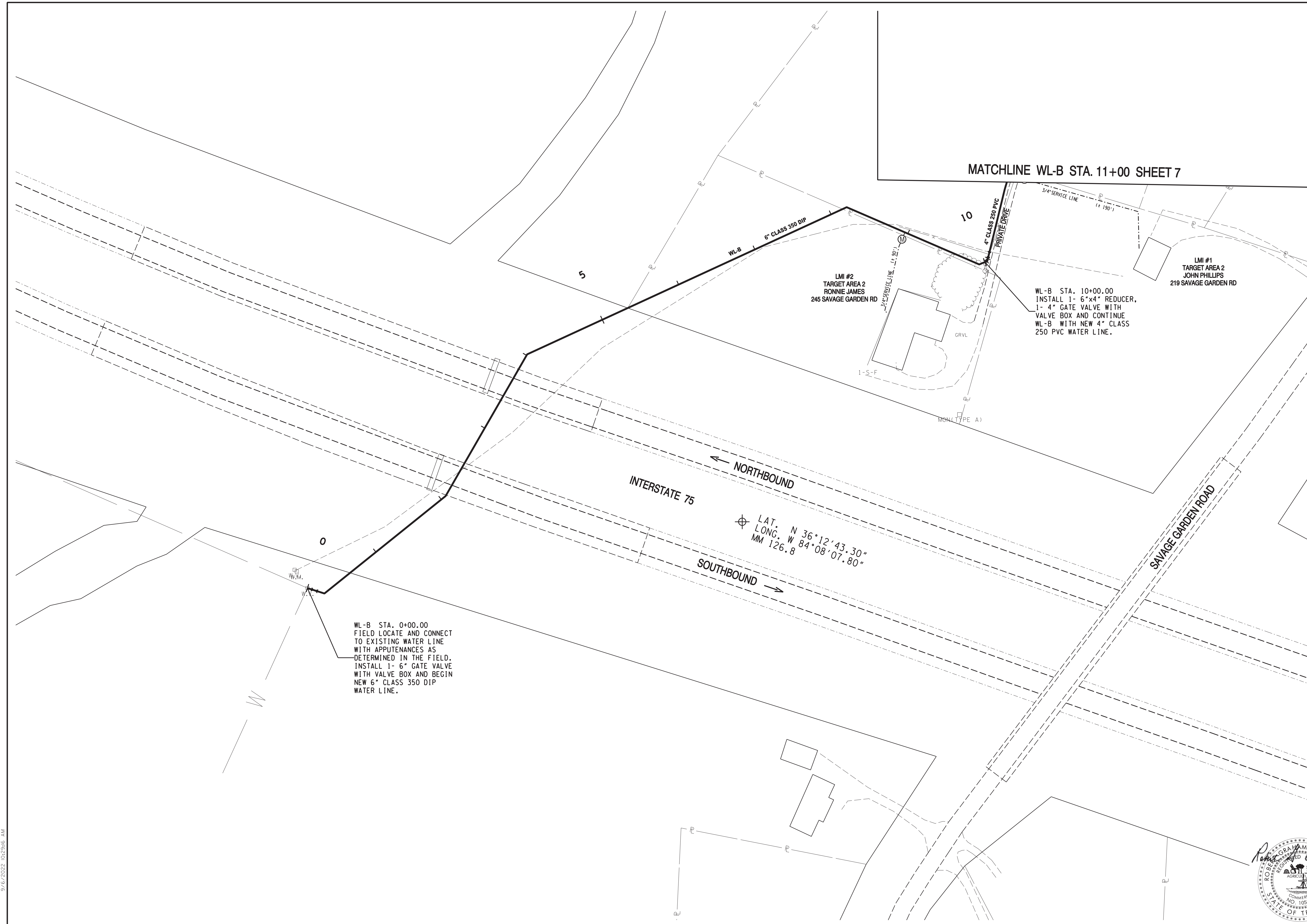
**ROBERT G. CAMPBELL & ASSOC., L.P.**  
 CONSULTING ENGINEERS  
 KNOXVILLE, TENNESSEE

**ANDERSON COUNTY WATER AUTHORITY**  
 ANDERSON COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
 BUCHANAN LANE

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. <b>5</b>
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS

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MATCHLINE WL-B STA. 11+00 SHEET 7

LMI #2  
TARGET AREA 2  
RONNIE JAMES  
245 SAVAGE GARDEN RD

WL-B STA. 10+00.00  
INSTALL 1- 6"x4" REDUCER,  
1- 4" GATE VALVE WITH  
VALVE BOX AND CONTINUE  
WL-B WITH NEW 4" CLASS  
250 PVC WATER LINE.

LMI #1  
TARGET AREA 2  
JOHN PHILLIPS  
219 SAVAGE GARDEN RD

WL-B STA. 0+00.00  
FIELD LOCATE AND CONNECT  
TO EXISTING WATER LINE  
WITH APPURTENANCES AS  
DETERMINED IN THE FIELD.  
INSTALL 1- 6" GATE VALVE  
WITH VALVE BOX AND BEGIN  
NEW 6" CLASS 350 DIP  
WATER LINE.

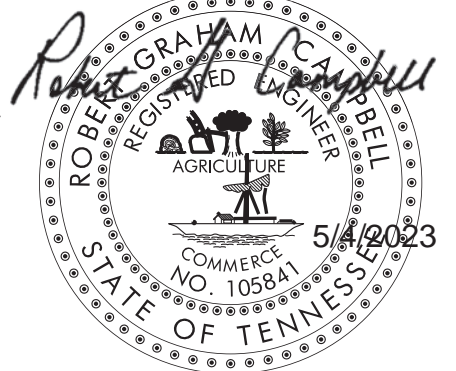
LAT. N 36°12'43.30"  
LONG. W 84°08'07.80"  
MM 126.8

INTERSTATE 75

NORTHBOUND  
SOUTHBOUND

SAVAGE GARDEN ROAD

MATCHLINE SHEET 8



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NO.	DATE	DESCRIPTION	BY	CKD.
REVISIONS				

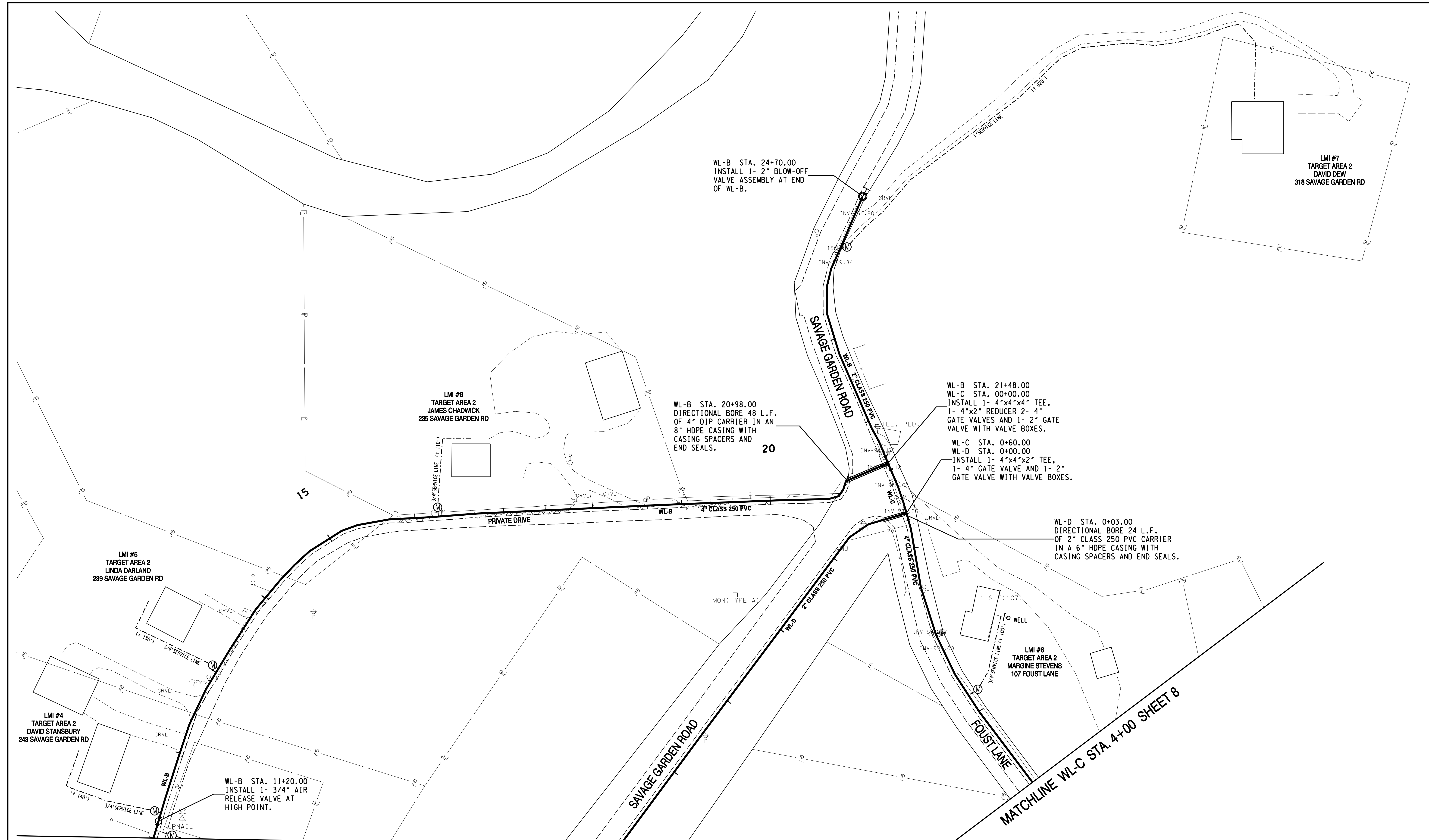


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**ANDERSON COUNTY WATER AUTHORITY**  
ANDERSON COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
SAVAGE GARDEN ROAD

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 6
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS



MATCHLINE WL-B STA. 11+00 SHEET 6

MATCHLINE WL-D STA. 5+00 SHEET 8

MATCHLINE WL-C STA. 4+00 SHEET 8

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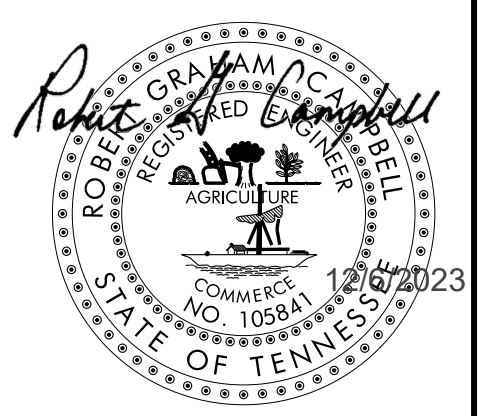
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REVISIONS				

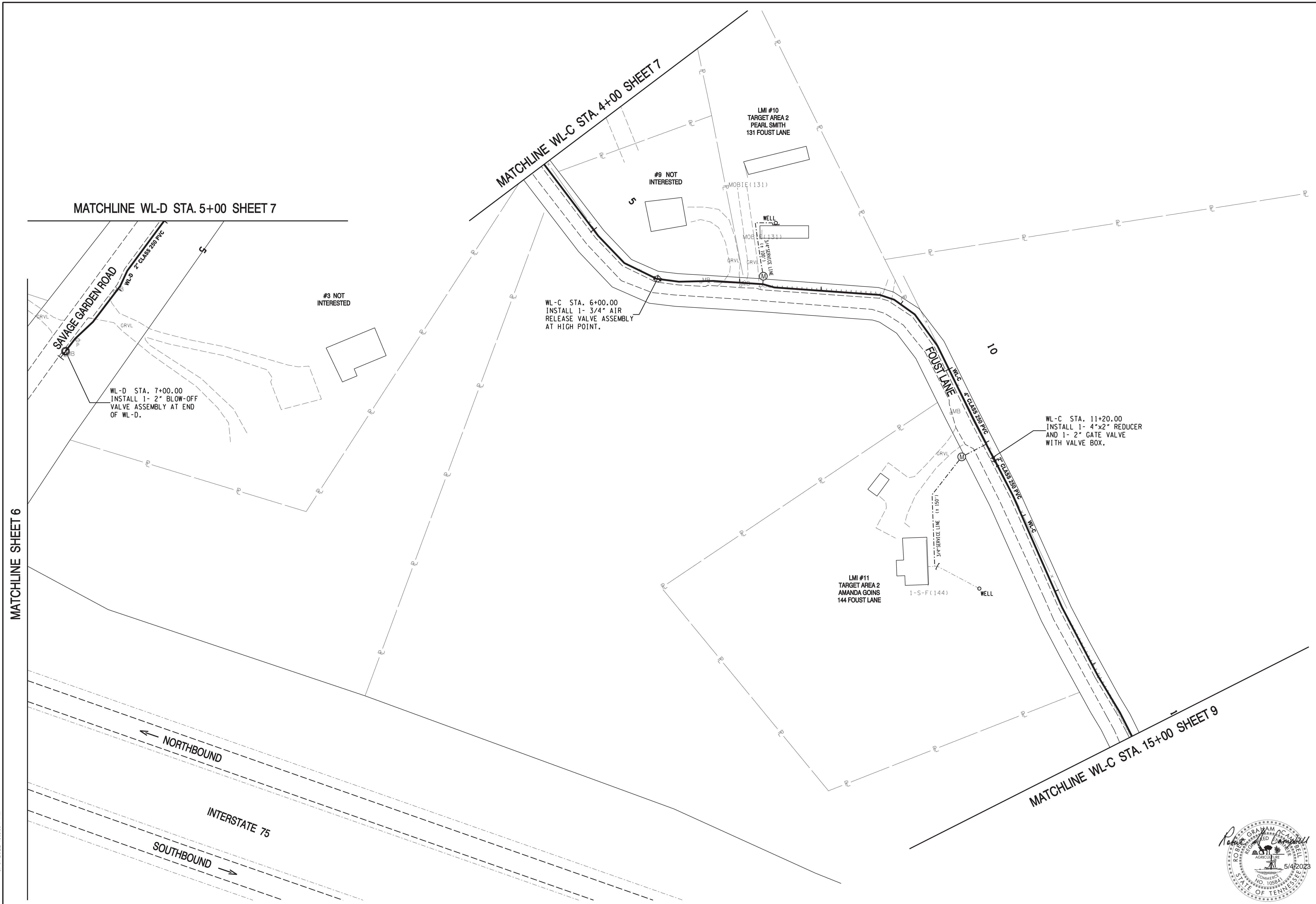

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 KNOXVILLE, TENNESSEE

**ANDERSON COUNTY WATER AUTHORITY**  
 ANDERSON COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
 SAVAGE GARDEN RD. & FOUST LN.

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 7
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS





MATCHLINE SHEET 6

MATCHLINE WL-C STA. 15+00 SHEET 9

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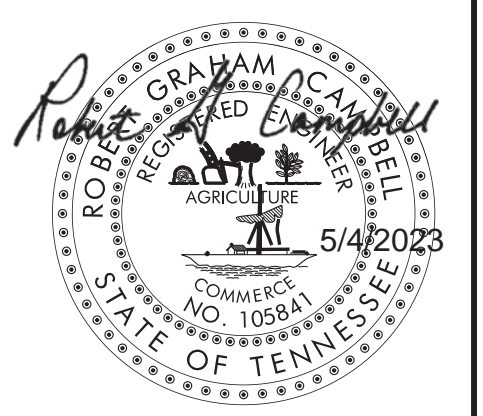
NO.	DATE	DESCRIPTION	BY	CKD.
REVISIONS				


**ROBERT G. CAMPBELL & ASSOC., L.P.**  
 CONSULTING ENGINEERS  
 KNOXVILLE, TENNESSEE

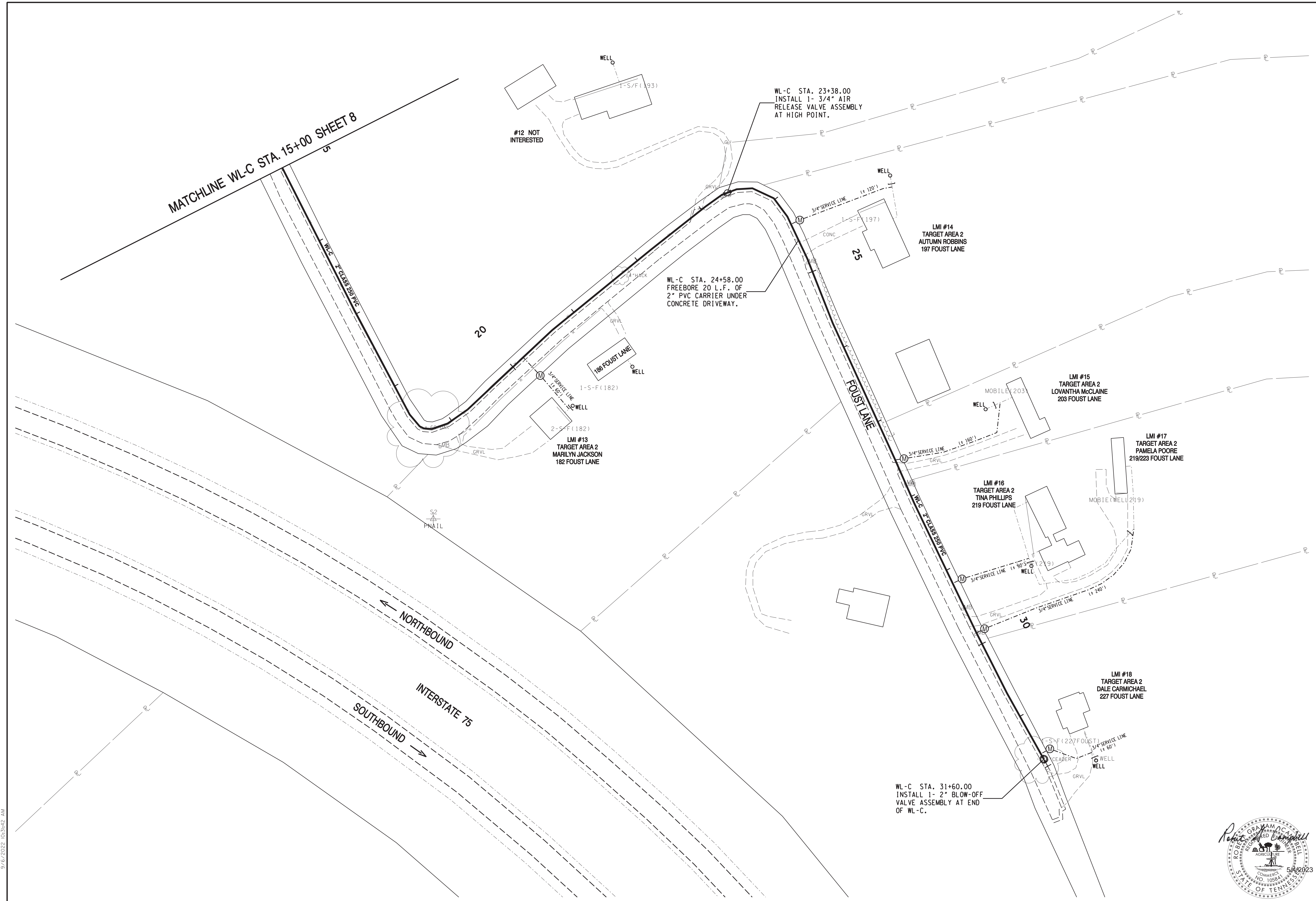
**ANDERSON COUNTY WATER AUTHORITY**  
 ANDERSON COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
 SAVAGE GARDEN RD. & FOUST LN.

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 8
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS







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NO.	DATE	DESCRIPTION	BY	CHKD.

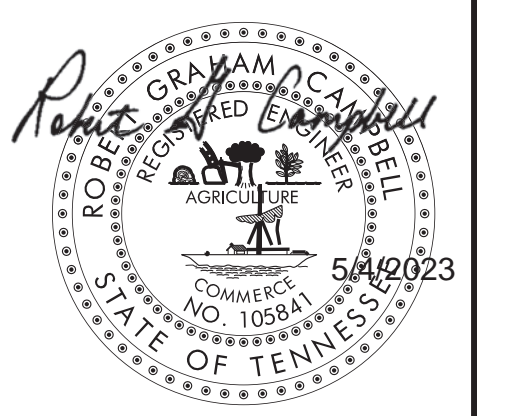


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 KNOXVILLE, TENNESSEE

**ANDERSON COUNTY WATER AUTHORITY**  
 ANDERSON COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**FOUST LANE**

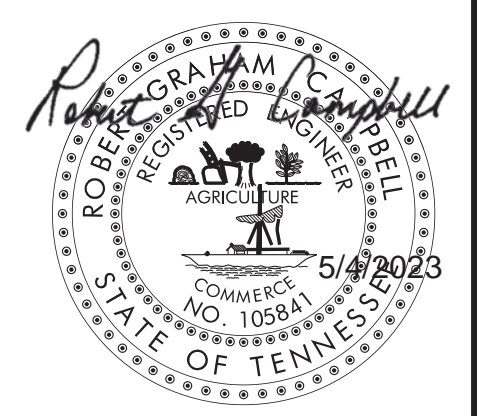
DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 9
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS





WL-E STA. 0+00.00  
 CONNECT TO EXISTING WATERLINE  
 WITH APPURTENANCES AS DETERMINED  
 IN THE FIELD. INSTALL 1- 6" GATE  
 VALVE WITH VALVE BOX. BEGIN NEW  
 6" CLASS 250 PVC.

MATCHLINE WL-E STA. 5+00 SHEET 11



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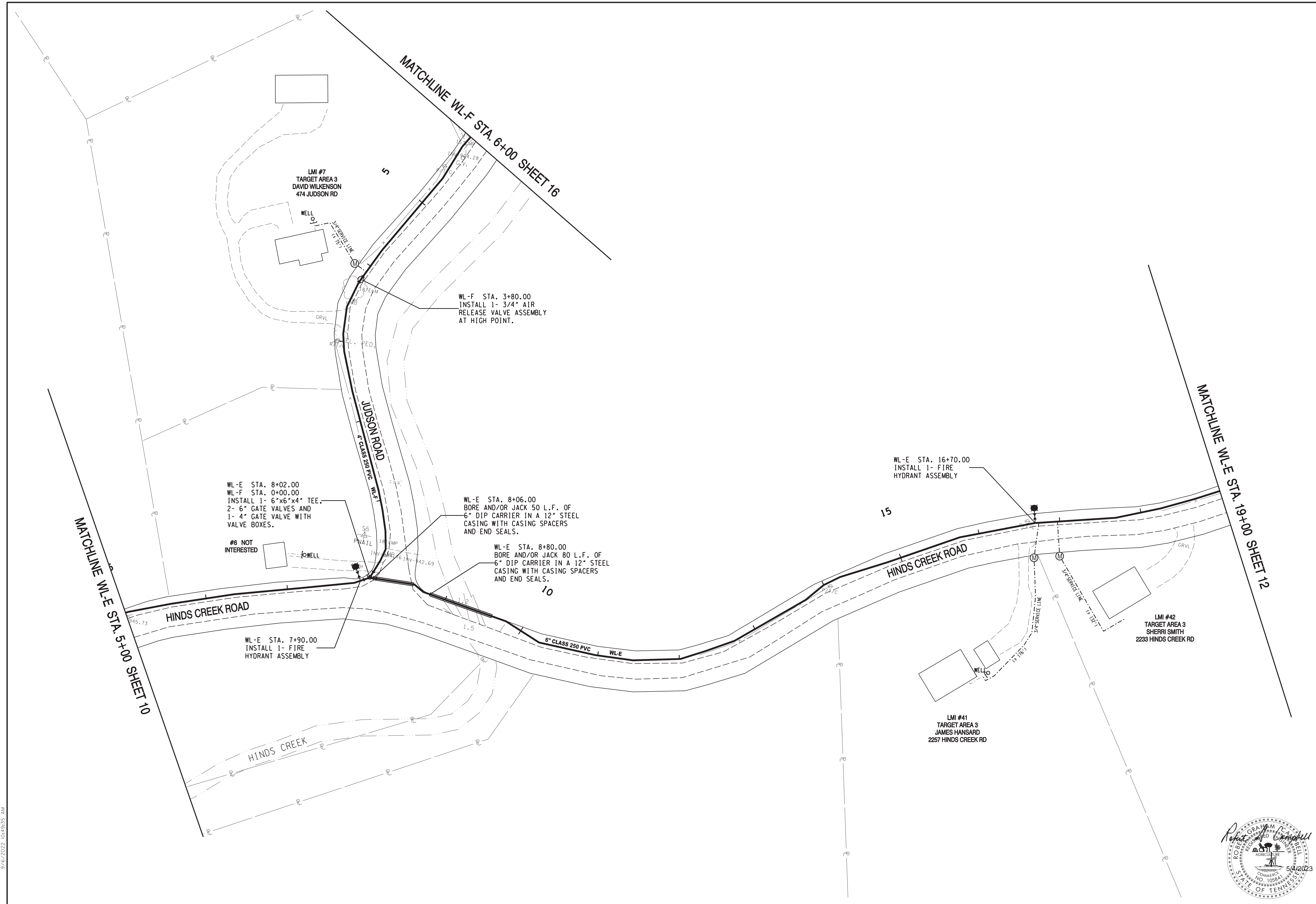
NO.	DATE	DESCRIPTION	BY	CKD.
REVISIONS				


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 CONSULTING ENGINEERS  
 KNOXVILLE, TENNESSEE

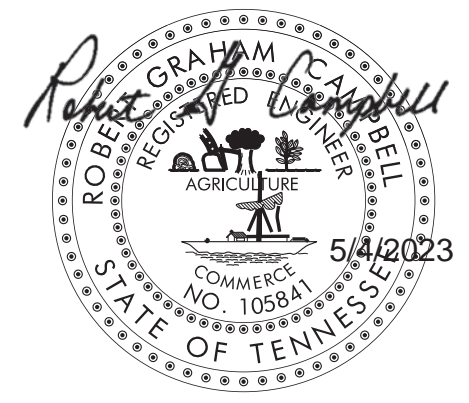
**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**HINDS CREEK ROAD**

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 10
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS



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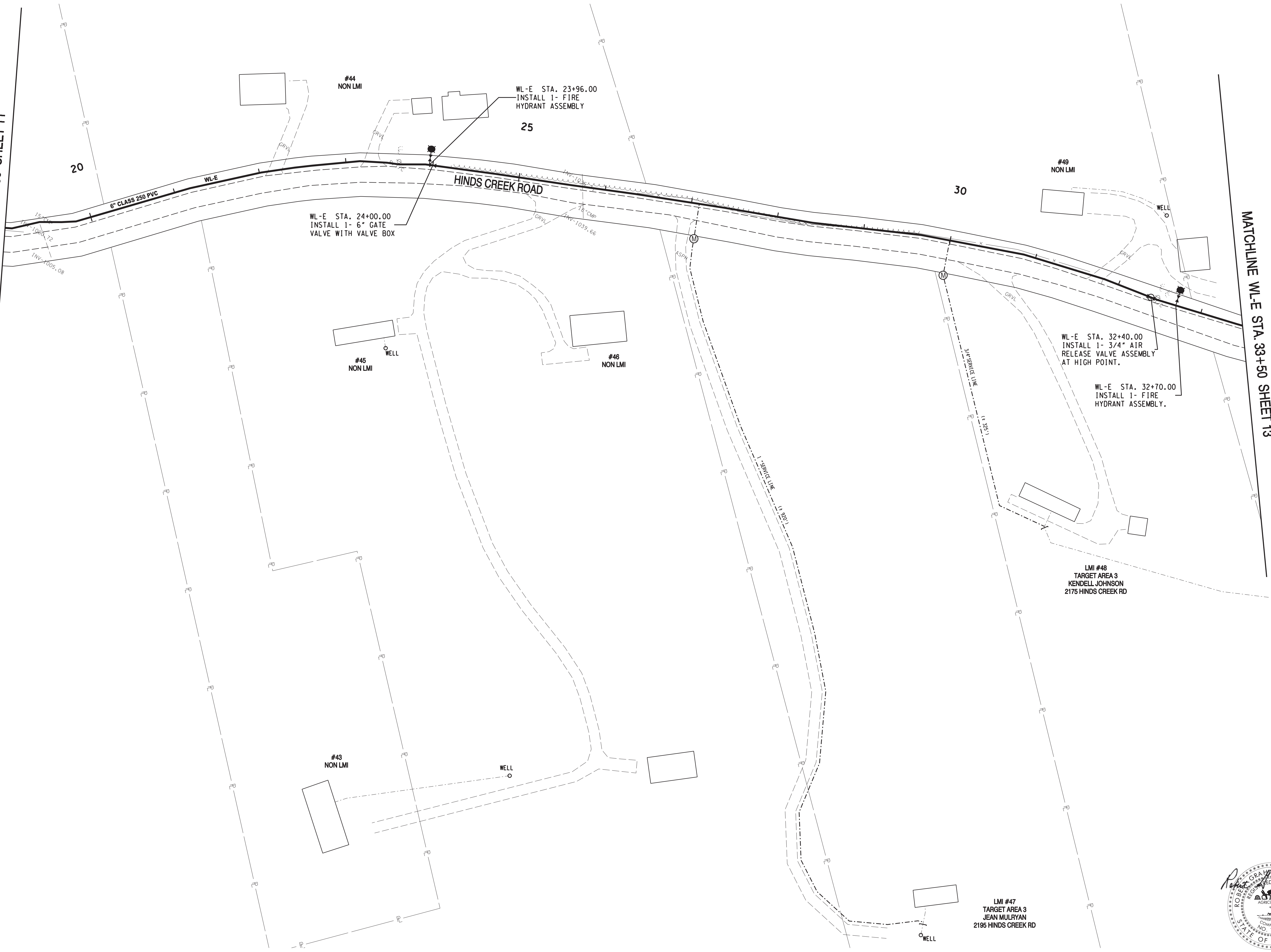
**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**HINDS CREEK RD. & JUDSON RD.**

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 11
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS

MATCHLINE WL-E STA. 19+00 SHEET 11

MATCHLINE WL-E STA. 33+50 SHEET 13



NO.	DATE	DESCRIPTION	BY	CKD.
REVISIONS				

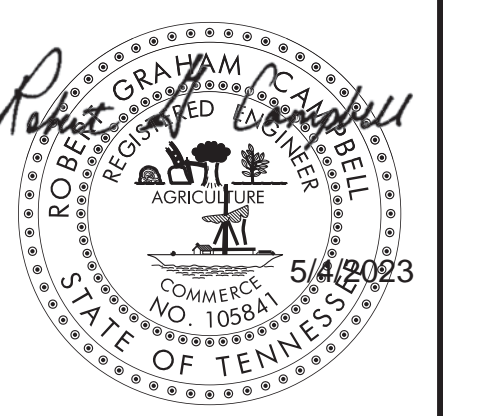


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**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**HINDS CREEK ROAD**

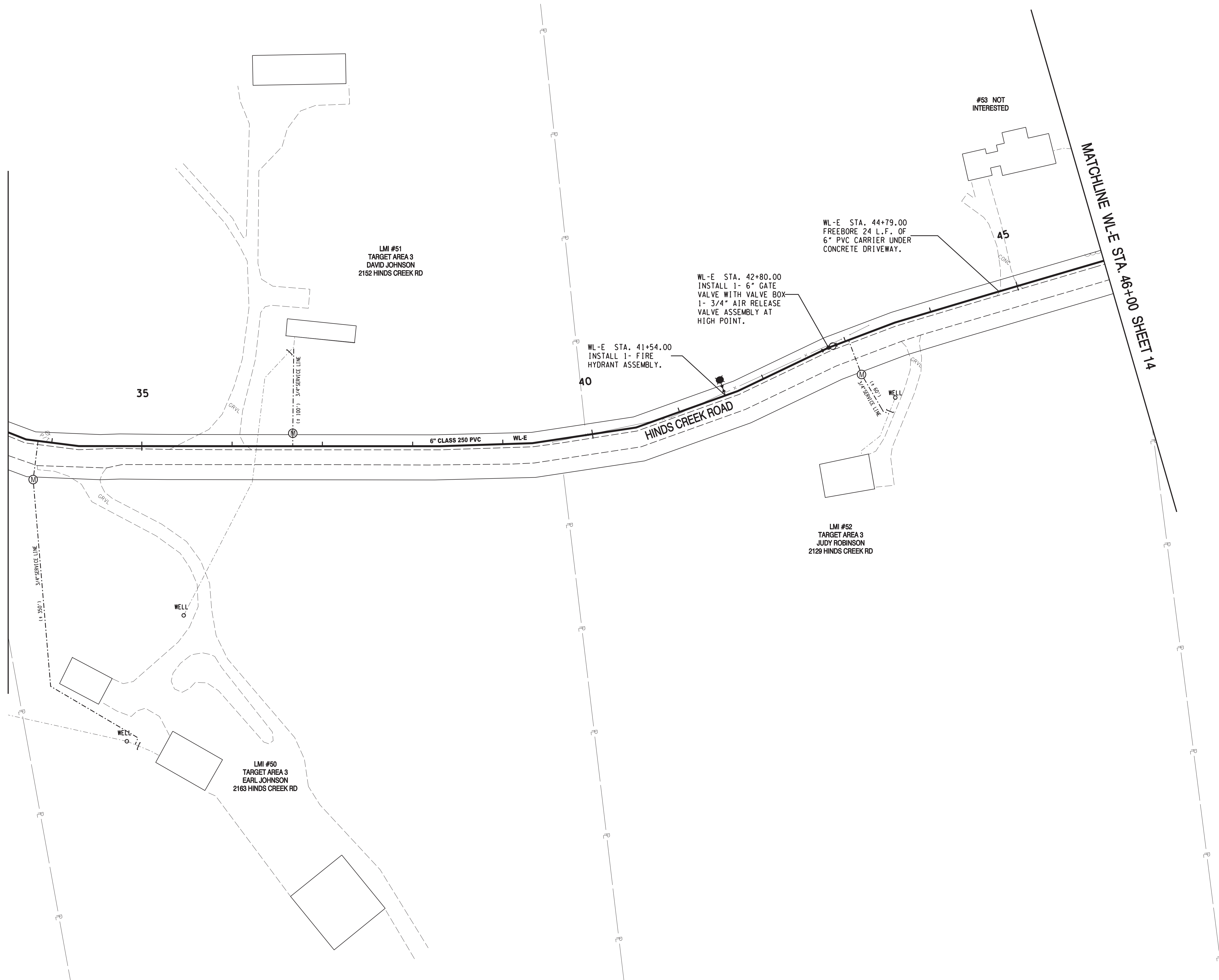
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DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS



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MATCHLINE WL-E STA. 33+50 SHEET 12

MATCHLINE WL-E STA. 46+00 SHEET 14



LMI #51  
TARGET AREA 3  
DAVID JOHNSON  
2152 HINDS CREEK RD

WL-E STA. 41+54.00  
INSTALL 1- FIRE  
HYDRANT ASSEMBLY.

WL-E STA. 42+80.00  
INSTALL 1- 6\"/>

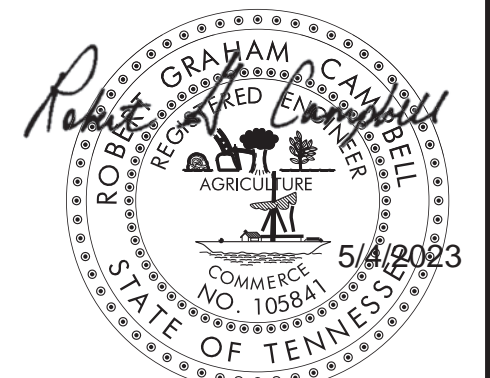
WL-E STA. 44+79.00  
FREEBORE 24 L.F. OF  
6\"/>

LMI #52  
TARGET AREA 3  
JUDY ROBINSON  
2129 HINDS CREEK RD

LMI #50  
TARGET AREA 3  
EARL JOHNSON  
2163 HINDS CREEK RD

#53 NOT  
INTERESTED

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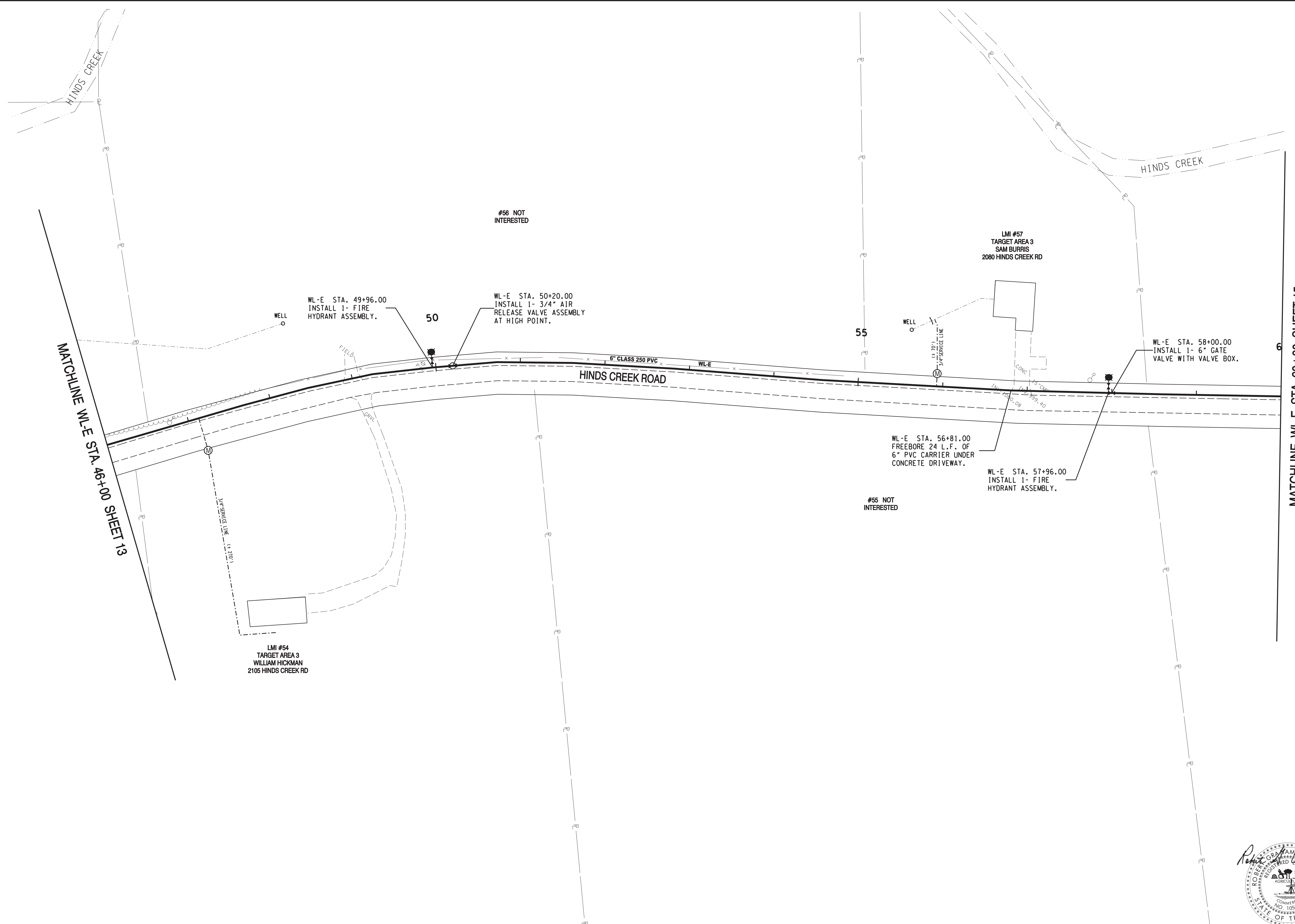
NO.	DATE	DESCRIPTION	BY	CKD.
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**HALLSDALE POWELL UTILITY DISTRICT**  
KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
HINDS CREEK ROAD

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 13
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS



MATCHLINE W-E STA. 46+00 SHEET 13

MATCHLINE W-E STA. 60+00 SHEET 15

LMI #54  
TARGET AREA 3  
WILLIAM HICKMAN  
2106 HINDS CREEK RD

LMI #57  
TARGET AREA 3  
SAM BURRIS  
2080 HINDS CREEK RD

WL-E STA. 49+96.00  
INSTALL 1- FIRE  
HYDRANT ASSEMBLY.

WL-E STA. 50+20.00  
INSTALL 1- 3/4\"/>

WL-E STA. 56+81.00  
FREEBORE 24 L.F. OF  
6\"/>

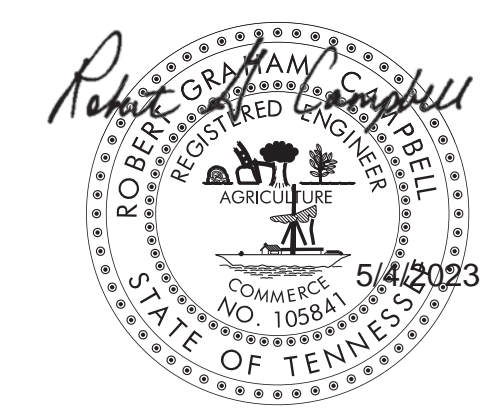
WL-E STA. 57+96.00  
INSTALL 1- FIRE  
HYDRANT ASSEMBLY.

WL-E STA. 58+00.00  
INSTALL 1- 6\"/>

#56 NOT INTERESTED

#55 NOT INTERESTED

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NO.	DATE	DESCRIPTION	BY	CKD.
REVISIONS				

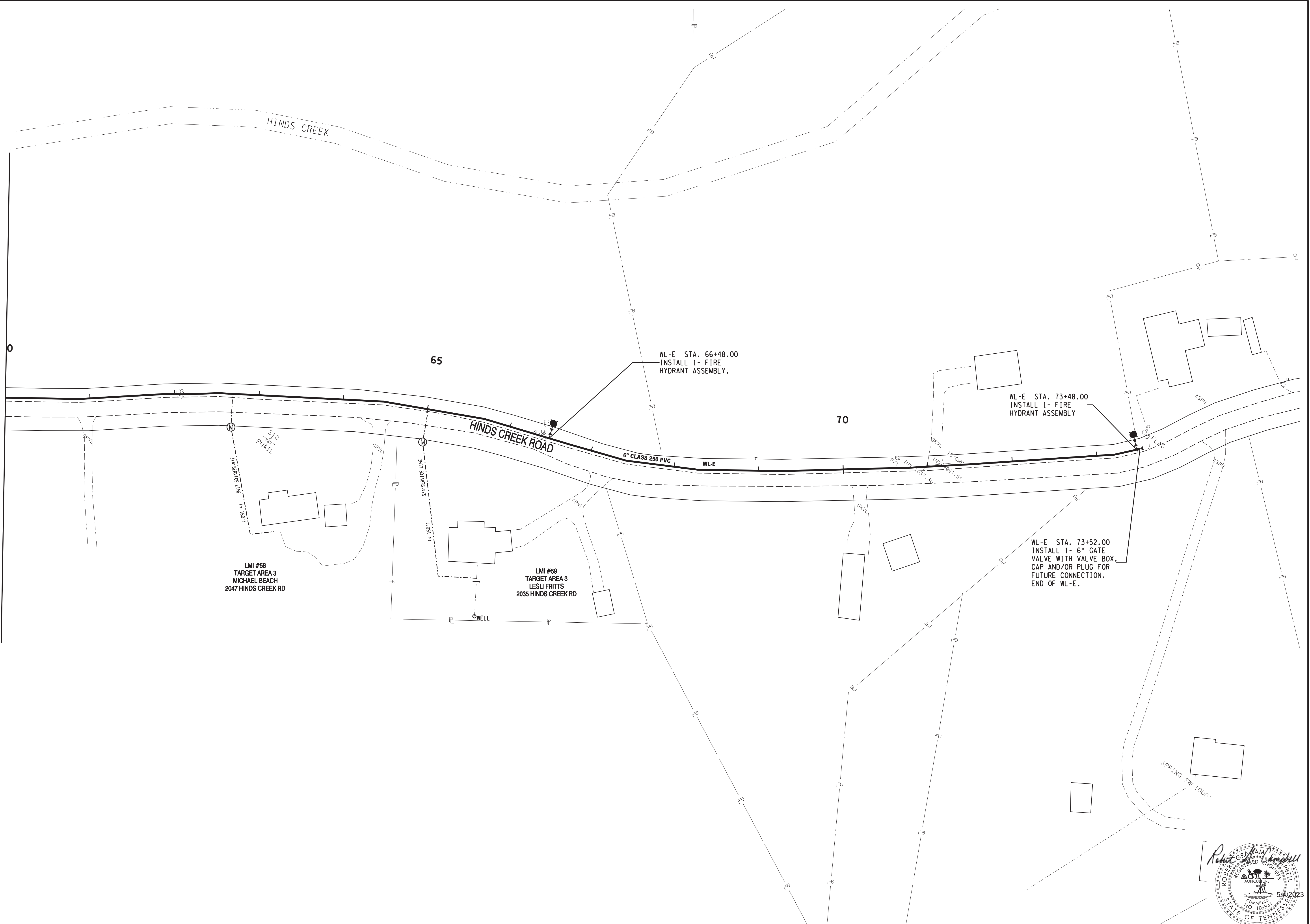
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**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**HINDS CREEK ROAD**

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 14
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS

MATCHLINE WL-E STA. 60+00 SHEET 14



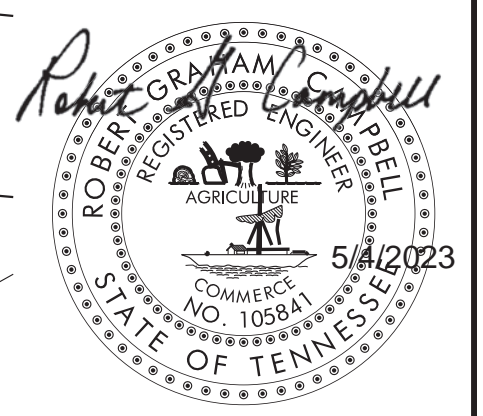
LMI #58  
TARGET AREA 3  
MICHAEL BEACH  
2047 HINDS CREEK RD

LMI #59  
TARGET AREA 3  
LESLI FRITTS  
2035 HINDS CREEK RD

WL-E STA. 66+48.00  
INSTALL 1- FIRE  
HYDRANT ASSEMBLY.

WL-E STA. 73+48.00  
INSTALL 1- FIRE  
HYDRANT ASSEMBLY

WL-E STA. 73+52.00  
INSTALL 1- 6" GATE  
VALVE WITH VALVE BOX,  
CAP AND/OR PLUG FOR  
FUTURE CONNECTION.  
END OF WL-E.



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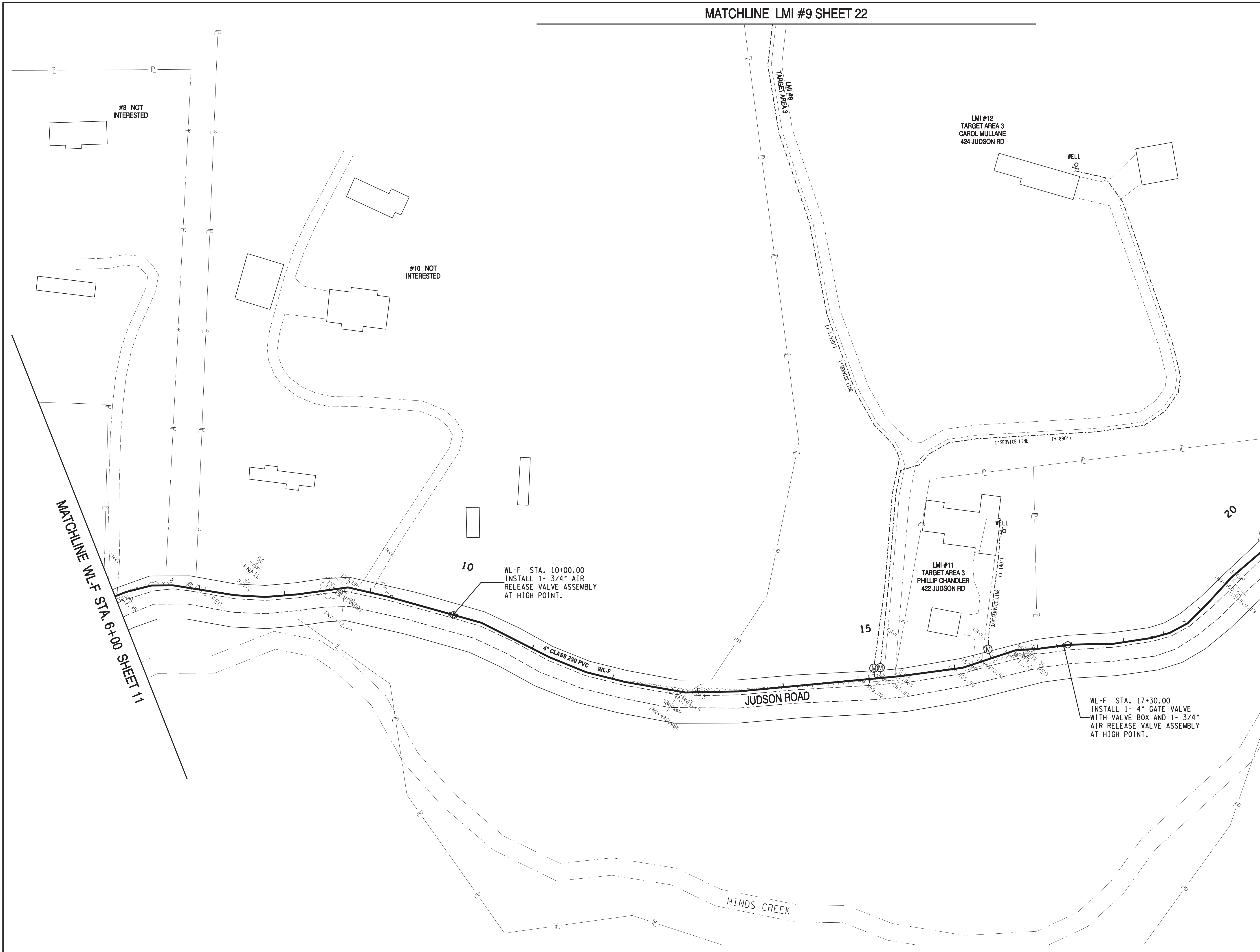
NO.	DATE	DESCRIPTION	BY	CKD.
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KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**HINDS CREEK ROAD**

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 15
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS



MATCHLINE WL-F STA. 6+00 SHEET 11

MATCHLINE WL-F STA. 20+00 SHEET 17

#8 NOT INTERESTED

#10 NOT INTERESTED

LMI #12  
TARGET AREA 3  
CAROL MULLANE  
424 JUDSON RD

LMI #11  
TARGET AREA 3  
PHILIP CHANDLER  
422 JUDSON RD

10  
WL-F STA. 10+00.00  
INSTALL 1- 3/4" AIR  
RELEASE VALVE ASSEMBLY  
AT HIGH POINT.

WL-F STA. 17+30.00  
INSTALL 1- 4" GATE VALVE  
WITH VALVE BOX AND 1- 3/4"  
AIR RELEASE VALVE ASSEMBLY  
AT HIGH POINT.



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**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
 JUDSON ROAD

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 16
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS

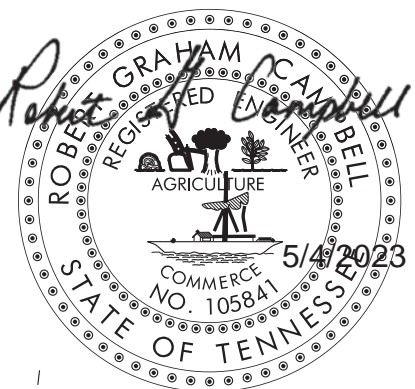


MATCHLINE WL-F STA. 20+00 SHEET 16



MATCHLINE WL-F STA. 34+00 SHEET 18

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NO.	DATE	DESCRIPTION	BY	CKD.
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**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**JUDSON ROAD**

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706

SHEET NO.	17
OF	23
SHEETS	

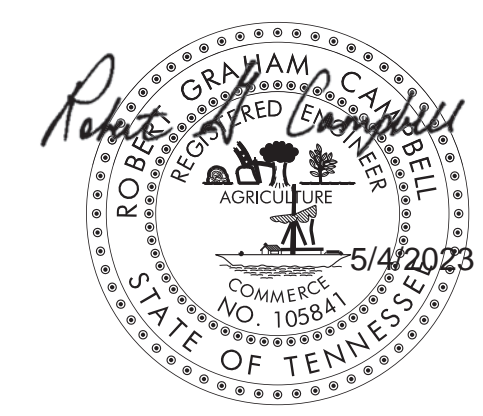


MATCHLINE WL-F STA. 34+00 SHEET 17

MATCHLINE WL-F STA. 50+00 SHEET 19



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NO.	DATE	DESCRIPTION	BY	CKD.
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 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
 JUDSON ROAD

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 18
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS

MATCHLINE WL-F STA. 50+00 SHEET 18

MATCHLINE WL-F STA. 64+50 SHEET 20



50

WL-F STA. 52+95.00  
DIRECTIONAL BORE 20 L.F. OF  
4\"/>

WL-F STA. 53+32.00  
INSTALL 1- 4\"/>

55

LMI #21  
TARGET AREA 3  
WILEY WARWICK  
258 JUDSON RD

LMI #20  
TARGET AREA 3  
JIMMY RODGERS  
268 JUDSON RD

#22 NOT  
INTERESTED

60

LMI #23  
TARGET AREA 3  
STEVEN RODGERS  
240 JUDSON RD

LMI #24  
TARGET AREA 3  
TIM BOWMAN  
230 JUDSON RD  
WELL

LMI #25  
TARGET AREA 3  
TIMOTHY DANGERFIELD  
228 JUDSON RD  
WELL

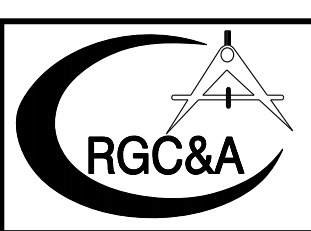
WL-F STA. 64+00.00  
INSTALL 1- 3/4\"/>

HINDS CREEK

JUDSON ROAD

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NO.	DATE	DESCRIPTION	JLD	MEM
1	12/06/23	CHANGED 8\"/>	JLD	MEM

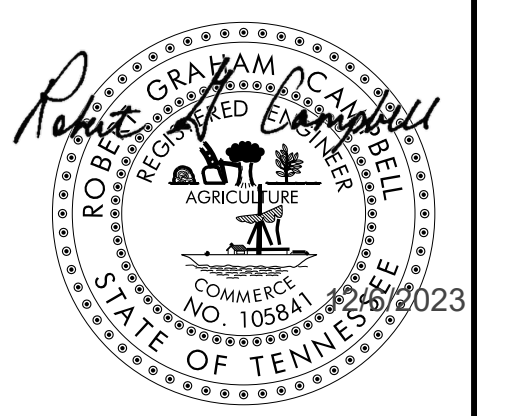


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KNOX COUNTY, TENNESSEE

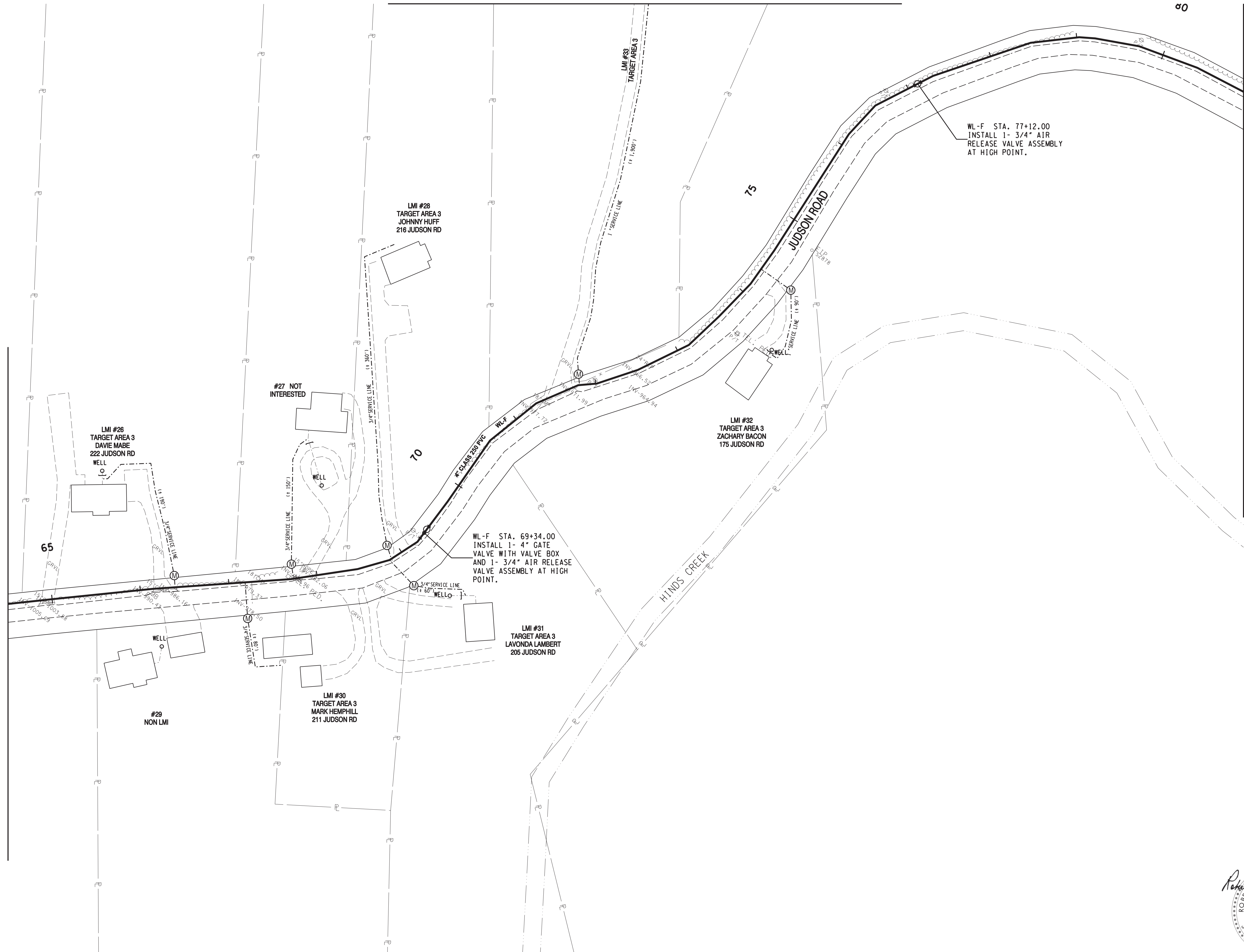
**2020 CDBG WATER LINE EXTENSION**  
JUDSON ROAD

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 19
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS



MATCHLINE WL-F STA. 64+50 SHEET 19

MATCHLINE WL-F STA. 81+00 SHEET 21



LMI #26  
TARGET AREA 3  
DAVIE MABE  
222 JUDSON RD  
WELL

LMI #28  
TARGET AREA 3  
JOHNNY HUFF  
216 JUDSON RD

#27 NOT INTERESTED

LMI #32  
TARGET AREA 3  
ZACHARY BACON  
175 JUDSON RD

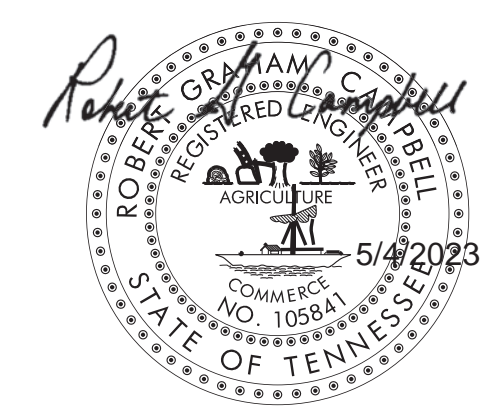
WL-F STA. 69+34.00  
INSTALL 1- 4" GATE  
VALVE WITH VALVE BOX  
AND 1- 3/4" AIR RELEASE  
VALVE ASSEMBLY AT HIGH POINT.

LMI #31  
TARGET AREA 3  
LAVONDA LAMBERT  
205 JUDSON RD

LMI #30  
TARGET AREA 3  
MARK HEMPHILL  
211 JUDSON RD

#29  
NON LMI

WL-F STA. 77+12.00  
INSTALL 1- 3/4" AIR  
RELEASE VALVE ASSEMBLY  
AT HIGH POINT.



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**HALLSDALE POWELL UTILITY DISTRICT**  
KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
JUDSON ROAD

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 20
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS

MATCHLINE WL-F STA. 81+00 SHEET 20



HINDS CREEK



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**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

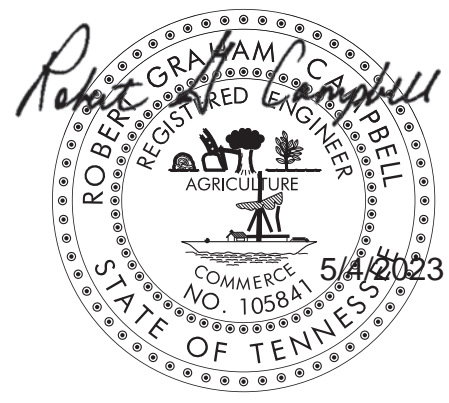
**2020 CDBG WATER LINE EXTENSION**  
**JUDSON ROAD**

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 21
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS

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MATCHLINE LMI #9 SHEET 16



NO.	DATE	DESCRIPTION	BY	CKD.
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**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**LMI #9 428 JUDSON ROAD**

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706

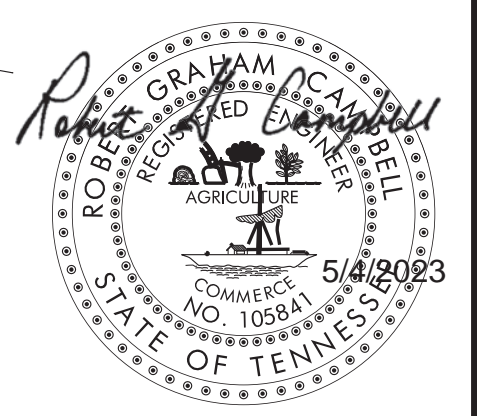
SHEET NO. **22**  
 OF 23 SHEETS

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MATCHLINE LMI #33 SHEET 20



LMI #33  
 TARGET AREA 3  
 MIKE BELL  
 198 JUDSON RD



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**HALLSDALE POWELL UTILITY DISTRICT**  
 KNOX COUNTY, TENNESSEE

**2020 CDBG WATER LINE EXTENSION**  
**LMI #33 198 JUDSON ROAD**

DESIGNED BY JLD	CHECKED BY RGC	SCALE 1" = 50'	SHEET NO. 23
DRAWN BY JLD	DATE 09/06/2022	FILE NO. 18706	OF 23 SHEETS