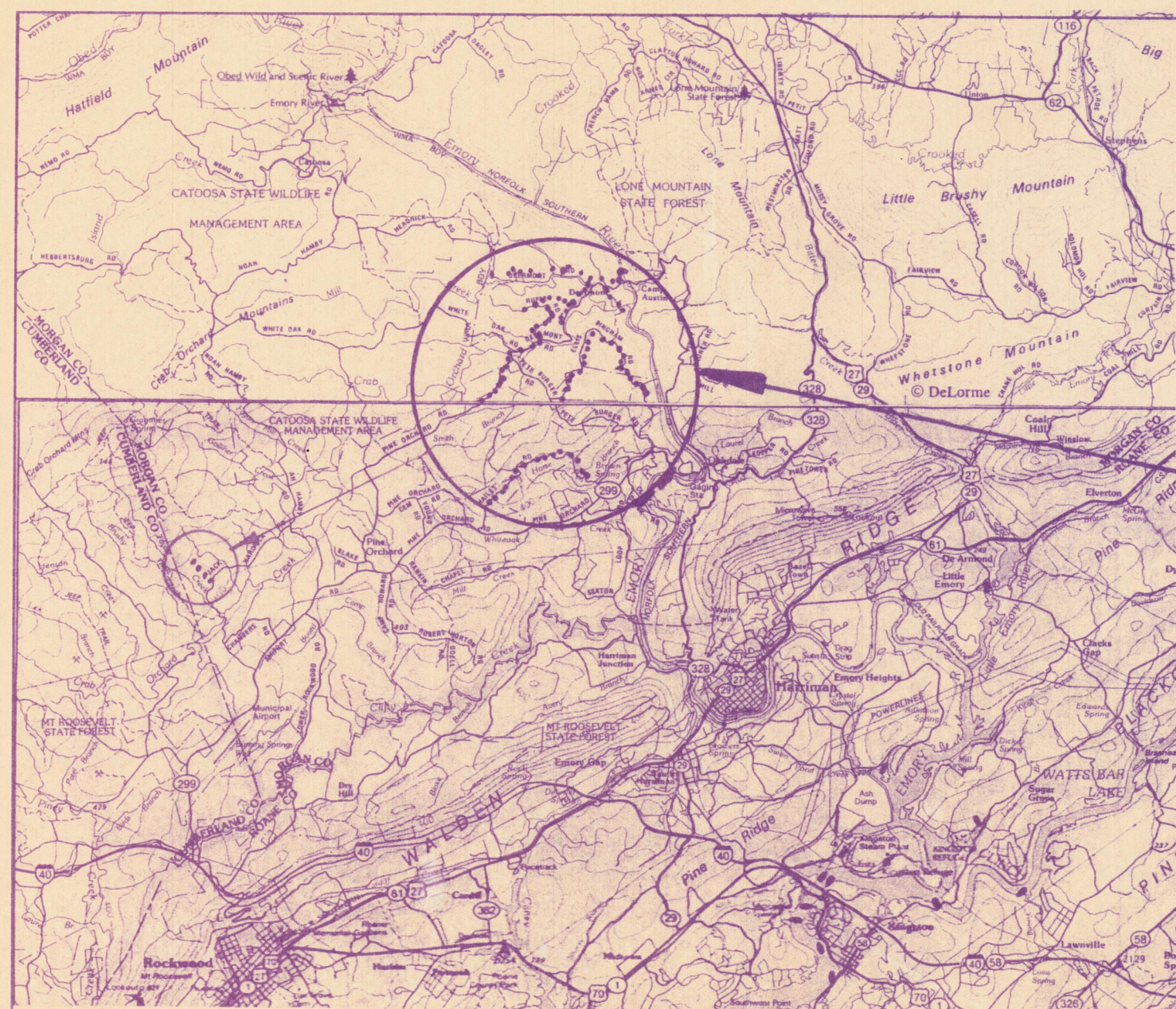


WOLFE BRANCH UTILITY DISTRICT

Morgan County, Tennessee

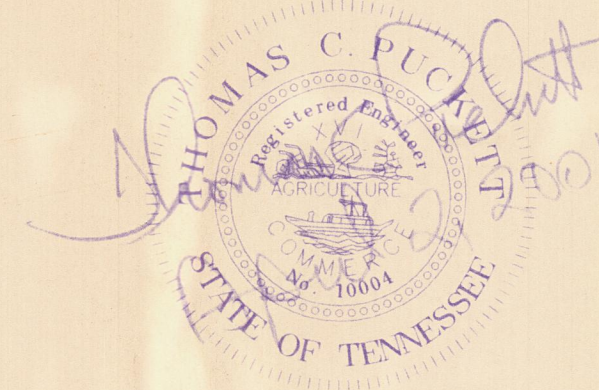
WHITE OAK AREA WATER LINE ADDITIONS CONTRACT 100 2000

LOCATION MAP



PROJECT AREA

Project Engineer



PLANS REVIEWED AND APPROVED BY WOLFE BRANCH UTILITY DISTRICT

Donald Painter
Donald Painter, Manager

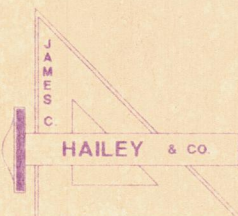
4-5-01
Date

SHEET INDEX

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WATER LINE ADDITIONS (138 SW)	2
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SET NUMBER

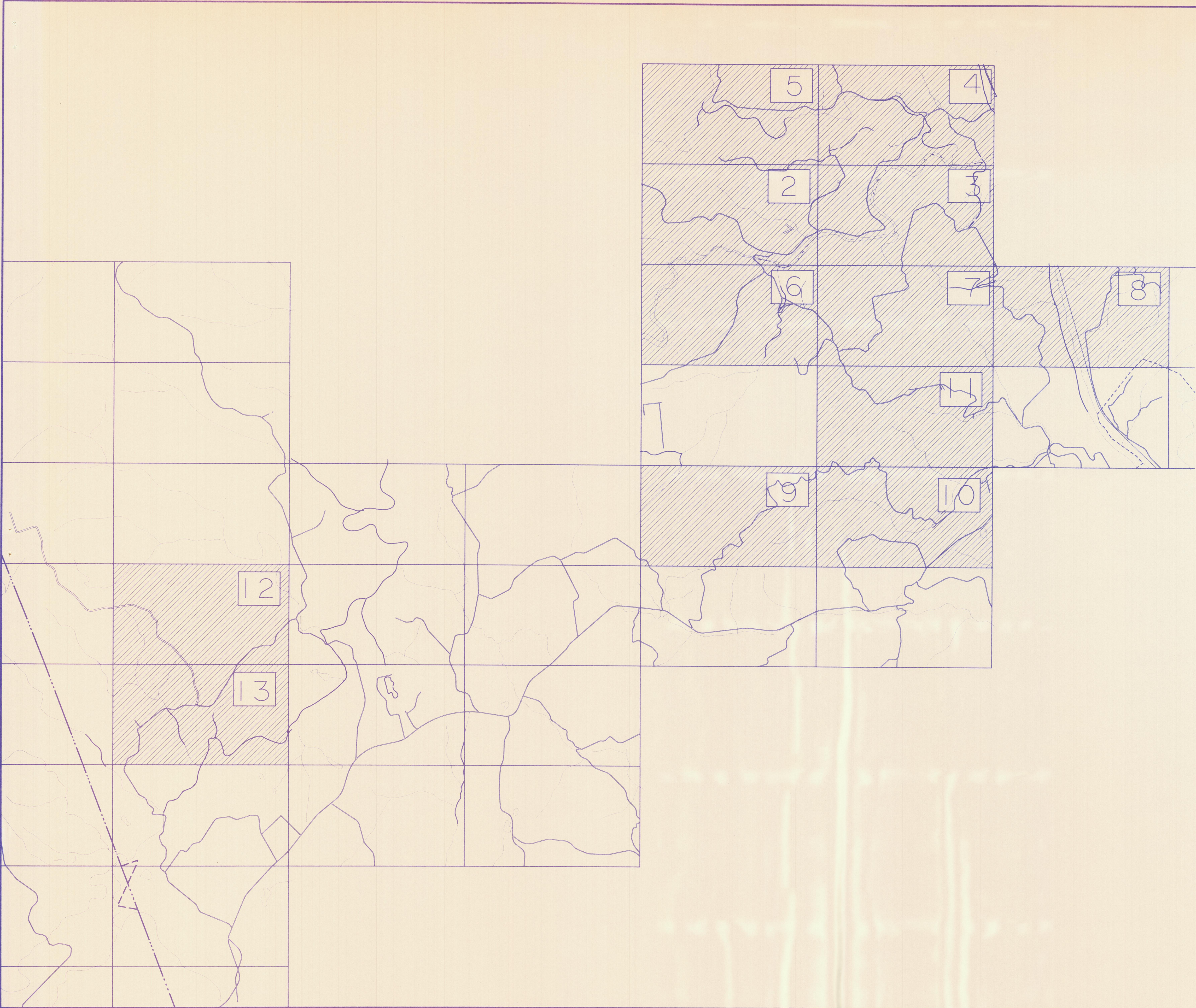
JCH PROJECT NO. 98266



JAMES C. HAILEY & CO.

2622 OLD LEBANON ROAD - SUITE 200

NASHVILLE, TENNESSEE



GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND CONSIDERATION OF SUCH IN BIDDING THE PROJECT. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY (WATER, SEWER, GAS, ELECTRIC, ETC.) PRIOR TO EXCAVATION TO AVOID EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSTALLATION MODIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES.

2. CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS OF THE MORGAN COUNTY HIGHWAY COMMISSION REGULATIONS AND PERMITS.

CONTRACTOR SHALL READ AND BE FAMILIAR WITH THE LATEST EDITION OF THE COUNTY HIGHWAY REGULATIONS.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF EROSION/SEDIMENT CONTROLS.

CONTRACTOR SHALL PROVIDE PROPER WARNING DEVICES (i.e. LIGHTS, BARRICADES, SIGNS, ETC.) TO ALERT THE TRAVELING PUBLIC OF WORK IN THE AREA.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROAD DAMAGE FOR ANY CONSTRUCTION ACTIVITY, INCLUDING, BUT NOT LIMITED TO, TRANSPORTATION OR DELIVERY OF MATERIAL, EQUIPMENT, CONSTRUCTION MATERIALS, ETC. ONLY RUBBER-TIRED EQUIPMENT IS TO BE USED ON PAVED ROADS.

CONTRACTOR SHALL REPAIR ROAD DAMAGE BY USING A QUALIFIED PAVING COMPANY THAT HAS BEEN APPROVED BY THE COUNTY HIGHWAY DEPARTMENT.

3. WATER LINES SHALL BE INSTALLED ON PRIVATE PROPERTY AS SHOWN ON PLANS OR WHEREVER THE DISTRICT CAN OBTAIN EASEMENTS. LOCATION IN GENERAL SHALL BE APPROXIMATELY TEN FEET (10') BEHIND THE FENCE ROW OR PROPERTY LINE. DEVIATION SHALL BE MADE AS DIRECTED TO AVOID STRUCTURES OR OBSTRUCTIONS.

4. WHERE WATERLINES ARE NOTED ON PLANS TO BE INSTALLED ON ROAD RIGHT-OF-WAY, A 4'-0" MINIMUM CLEARANCE BETWEEN THE EDGE OF PAVEMENT AND THE EDGE OF TRENCH SHALL BE MAINTAINED. IF AN OBSTRUCTION IS ENCOUNTERED, CONTRACTOR MAY, WITH RESIDENT INSPECTOR'S APPROVAL, CLOSE TO A 2'-0" CLEARANCE TO CLEAR OBSTACLE. AT NO TIME WILL THE CLEARANCE BE LESS THAN 2'-0" WITHOUT THE PRIOR APPROVAL OF THE COUNTY HIGHWAY SUPERINTENDENT.

5. CONTRACTOR TO FIELD VERIFY CASING AND BORE LENGTHS AT ROAD CROSSINGS. ALL WATERLINES SHALL HAVE A MINIMUM COVER OF THIRTY-SIX INCHES (36") UNDER DITCHES AND FORTY-EIGHT INCHES (48") UNDER COUNTY ROADWAYS.

CONTRACTOR SHALL ATTEMPT TO BORE MAIN LINE ON ALL COUNTY ROADS TO THE SATISFACTION OF THE ENGINEER, DISTRICT AND HIGHWAY SUPERINTENDENT. CONTRACTOR SHALL OPEN CUT MAIN LINE CROSSING ONLY IF BORING IS UNSUCCESSFUL AND APPROVED BY THE MORGAN COUNTY HIGHWAY SUPERINTENDENT.

6. ALL WATERLINES SHALL HAVE A MINIMUM OF THIRTY INCHES (30") OF COVER UNLESS OTHERWISE NOTED. TRENCH WIDTH IN SOIL SHALL BE HELD TO A MINIMUM CONSISTENT WITH PROPER WORKING SPACE FOR ASSEMBLY OF PIPE. THE PLANS SHOW DESIRED LOCATION OF THE WATER LINE, VALVES AND APPURTENANCES. SCHEMATIC AND GRAPHIC SYMBOLS SHOWN ON PLANS ARE USED TO INDICATE GENERAL LOCATION BUT ARE NOT DRAWN TO SCALE. ADJUSTMENTS IN THE FIELD ARE TO BE MADE BASED ON EASEMENTS, ROAD DITCHES, CULVERTS, GROUND PROFILE OR OTHER OBSTRUCTIONS, WHICH WOULD IMPROVE LAYING CONDITIONS OR DECREASE INCONVENIENCE TO PROPERTY OWNERS.

7. AFTER THE PROPOSED LOCATION OF THE PIPELINE HAS BEEN ESTABLISHED AND APPROVED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT STAKES AND LINES TO GUIDE THE EQUIPMENT OPERATORS AND TO ASSURE PROPER TRENCHING ALIGNMENT.

8. STATION NUMBERS SHOWN ON PLANS ARE APPROXIMATE AND FOR REFERENCE ONLY. THE LOCATION OF VALVES, TEES, END OF LINES, APPURTENANCES, ETC., SHALL BE AS DIRECTED IN THE FIELD BY ENGINEER OR DISTRICT.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND/OR REPLACEMENT OF EXISTING DRAINAGE FACILITIES, ROADS, DRIVES, DRAINS, STRUCTURES, YARDS, FENCES, MAILBOXES, ETC., DISTURBED DURING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THIS WORK.

10. CRUSHED STONE BACKFILL SHALL BE USED WHERE LINES ARE LOCATED UNDER EXISTING AND PROPOSED DRIVING SURFACES (ROADS, DRIVEWAYS, ETC.).

11. METER LOCATIONS SHALL BE AS DIRECTED IN FIELD BY ENGINEER OR DISTRICT.

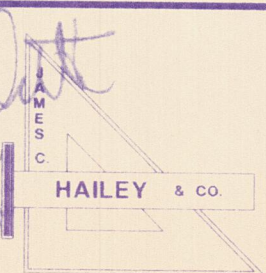
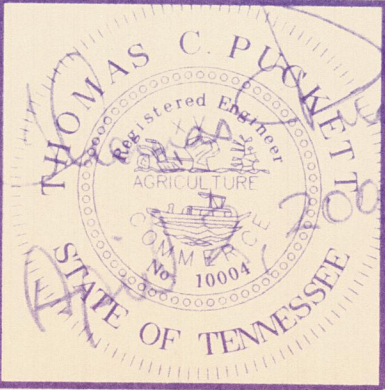
12. ALL SERVICE LINES ON PAVED ROADS ARE TO BE INSTALLED BY BORE & JACK. NO OPEN CUTTING WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE COUNTY HIGHWAY SUPERINTENDENT. SERVICE PIPE SHALL BE CONTINUOUS FROM MAIN TO METER YOKE. ALL SERVICE CONNECTIONS SHALL BE TESTED AND DISINFECTED WITH WATER MAINS.

13. CONTRACTOR TO LOCATE AND VERIFY EXISTING FACILITIES IN FIELD PRIOR TO ORDERING FITTINGS FOR THE TIE-INS. ADJUSTMENTS WILL BE MADE ACCORDINGLY WITH APPROVAL OF THE ENGINEER.

14. SOIL EROSION: THE CONTRACTOR SHALL ADHERE TO ALL MEASURES AS REQUIRED BY FEDERAL, STATE AND LOCAL STANDARDS DURING THE LIFE OF THE PROJECT TO CONTROL EROSION AND WATER POLLUTION.

15. TWO PROJECT SIGNS SHALL BE ERECTED FOR EACH CONTRACT AS SHOWN IN SPECIFICATIONS ON PAGE PS-1.

LLB: chadsmorgan with info 11/17/00



WOLFE BRANCH
UTILITY DISTRICT
Morgan County, Tennessee

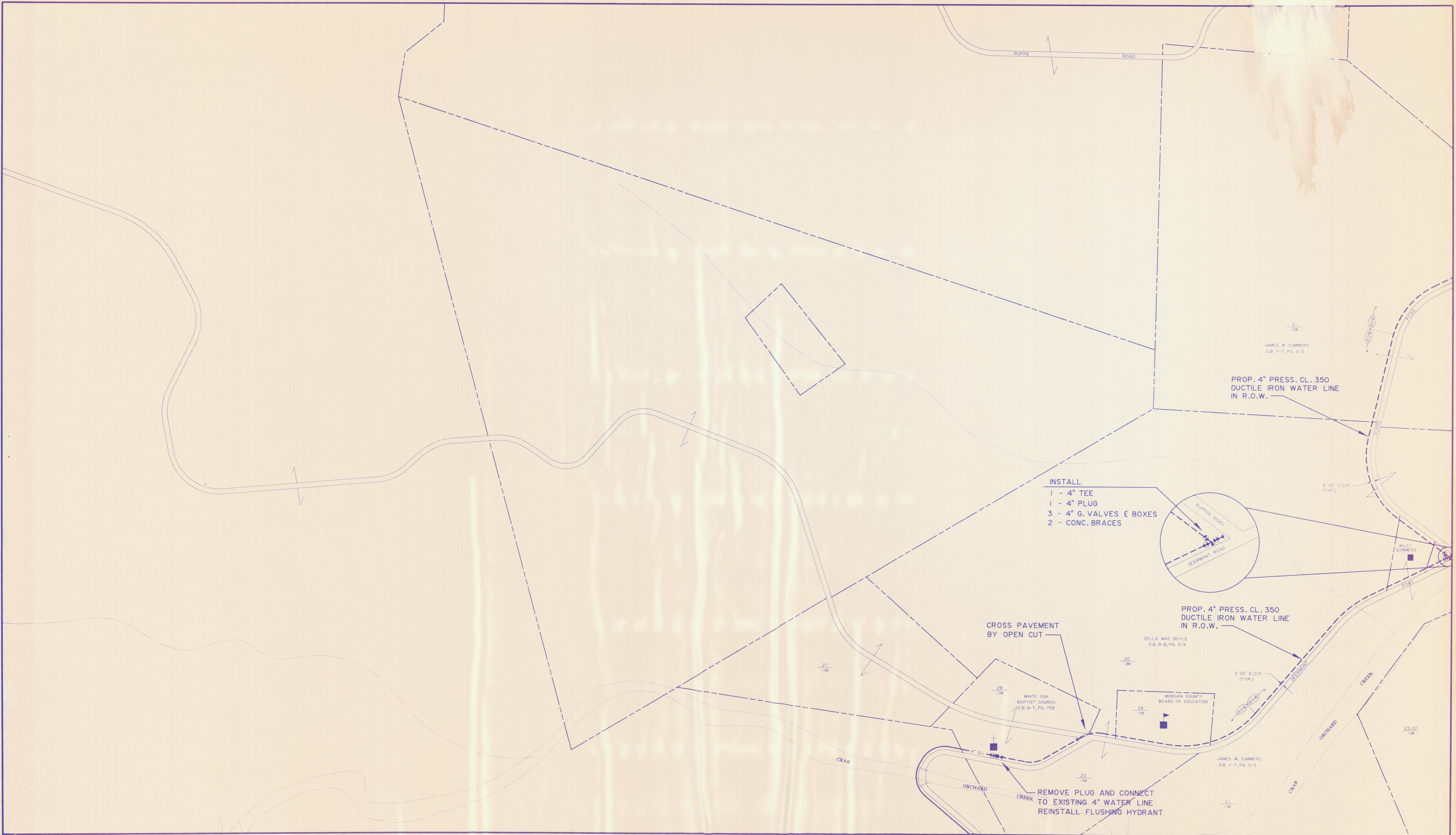
KEY MAP

SECTION	DISTRICT	CONTRACT	DATE	SCALE	PROJECT NO.
TCP	LLB	TCP	DEC. 2000	1" = 200'	98266

SHEET

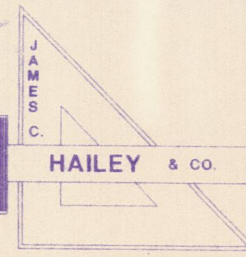
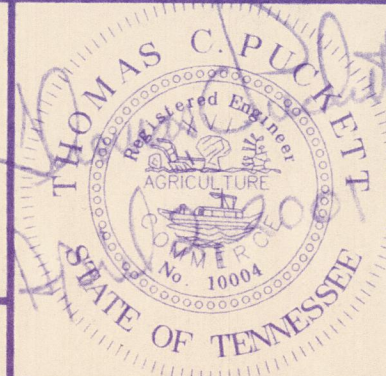
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104



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138 NW	138 NE	5	4
138 SW	138 SE	2	3
		6	7



WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee		
DESIGN	DRAWN	CHECKED
TCP	LLB	TCP

WATER LINE ADDITIONS RUPPEE ROAD		
DATE	SCALE	PROJECT NO.
DEC. 2000	1" = 200'	98266

SHEET
2
138 SW



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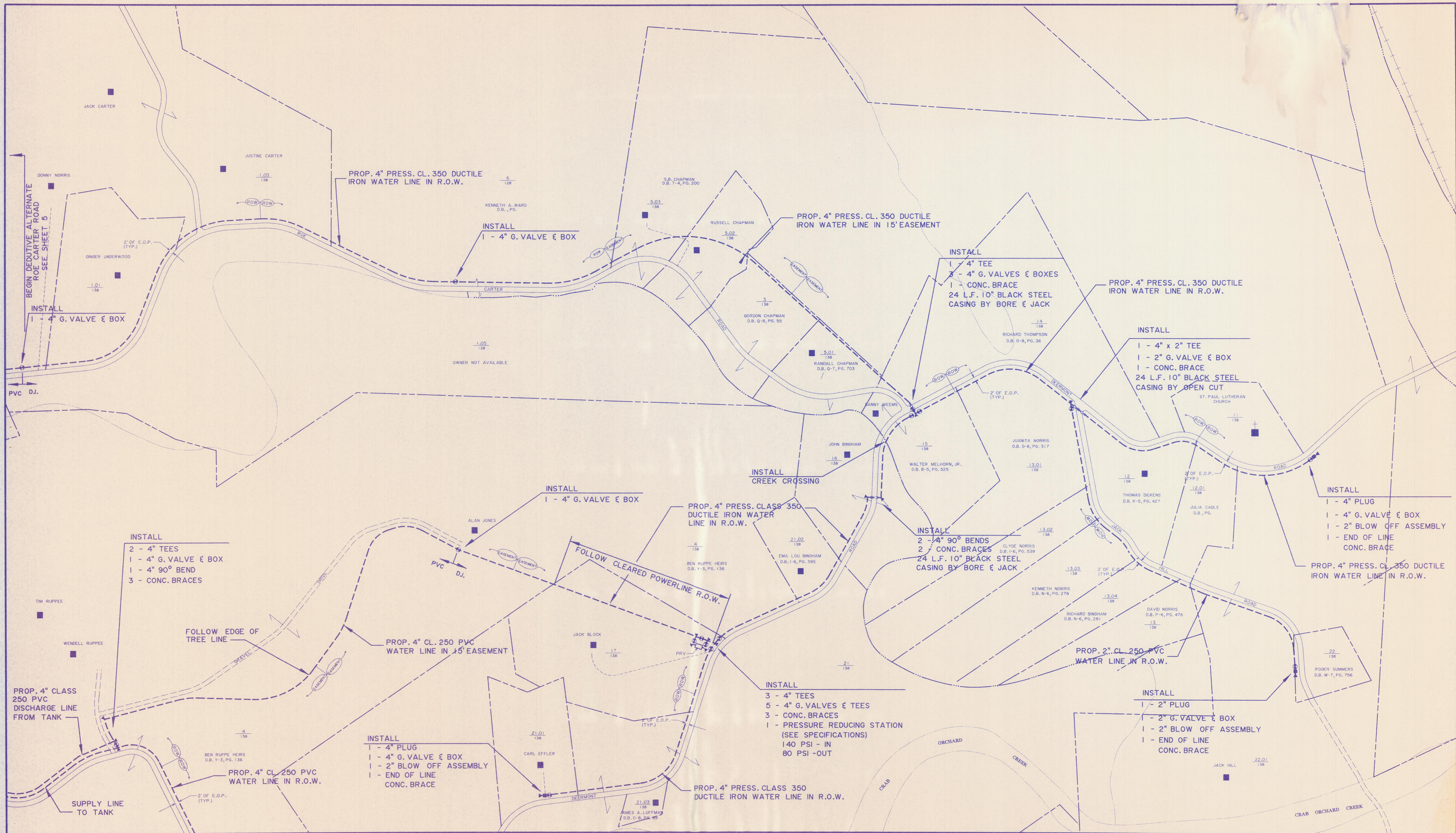
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138 SW	138 SE		2	3	
	147 NE	148 NW	6	7	

THOMAS C. PICKETT
COUNTY CLERK
MORGAN COUNTY
NOV 1994
STATE OF TENNESSEE

HAILEY & CO.
ENGINEERS
1000
1000

WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee			WATER LINE ADDITIONS ELLIS-BINGHAM ROAD		
DESIGN TCP	DRAWN LLB	CHECKED TCP	DATE DEC. 2000	SCALE 1" = 200'	PROJECT NO. 98266

SHEET
3
PAGE 3 OF 13





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138 NW	138 NE	
138 SW	138 SE	

	5	4
	2	3

THOMAS C. PECKETT
 GOVERNOR
 STATE OF TENNESSEE
 1995

HAILEY & CO.
 ENGINEERS
 1000 N. 10TH ST.
 SUITE 100
 DENVER, CO 80202

WOLFE BRANCH
UTILITY DISTRICT
Morgan County, Tennessee

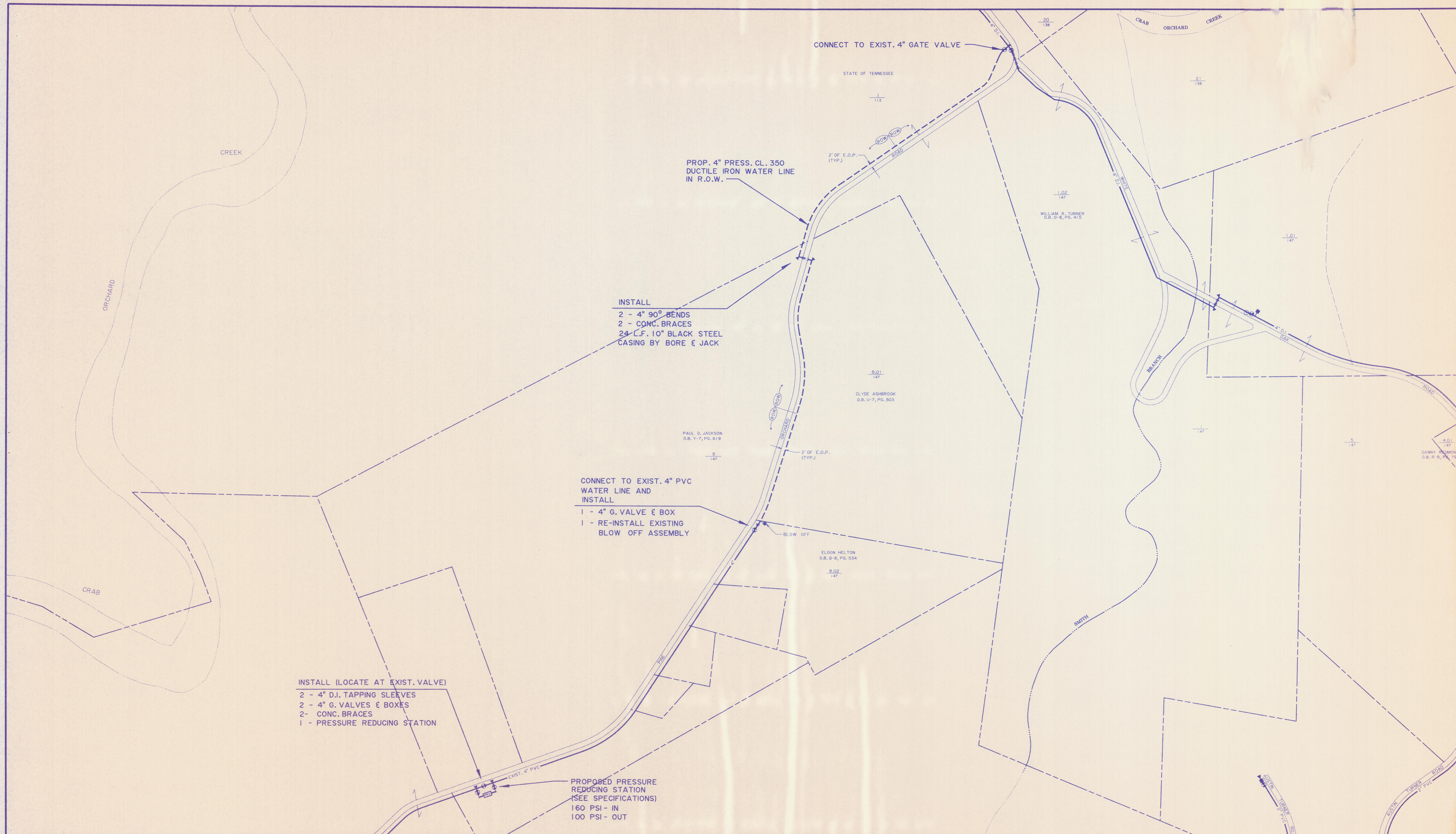
DESIGN	DRAWN	CHECKED
TCP	LLB	TCP

**WATER LINE ADDITIONS
ROE CARTER ROAD**

DATE	SCALE	PROJECT NO.
DEC. 2000	1" = 200'	98266

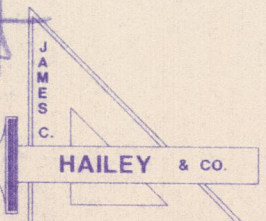
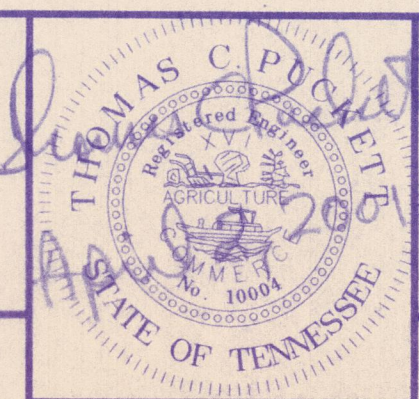
SHEET
5
138 NW

CONTRACT 100 SHEET 5 OF 13



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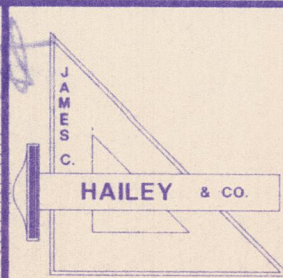
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	147 NW	147 NE		6	7
					11



WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee			WATER LINE ADDITIONS PINE ORCHARD ROAD			SHEET 6
DESIGN TCP	DRAWN LLB	CHECKED TCP	DATE DEC. 2000	SCALE 1" = 200'	PROJECT NO. 98266	147 NW SHEET 6 OF 13

138 SW	138 SE	
147 NW	147 NE	148 NW

3		
6	7	8
	11	

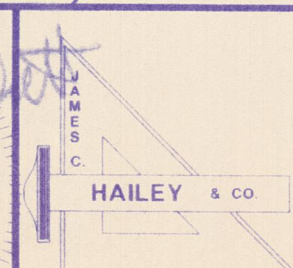
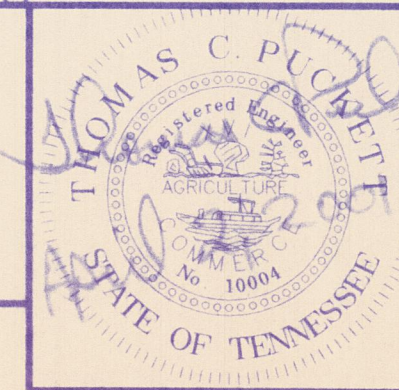


WATER LINE ADDITIONS ELLIS-BINGHAM ROAD		SHEET 7
DATE DEC. 2000	SCALE 1" = 200'	PROJECT NO. 98266



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136 SE			3		
147 NE	148 NW		7	8	
			11		



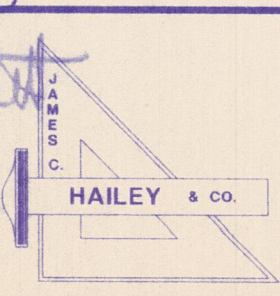
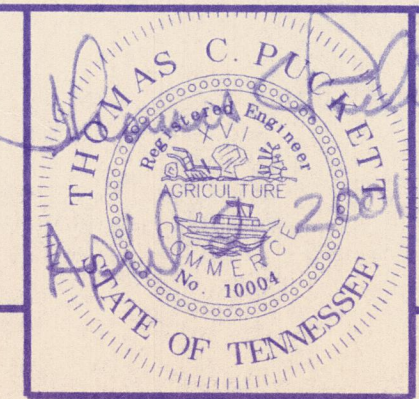
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DESIGN	DRAWN	CHECKED	DATE	SCALE	PROJECT NO.
TCP	LLB	TCP	DEC. 2000	1" = 200'	98266

SHEET 8
148 NW



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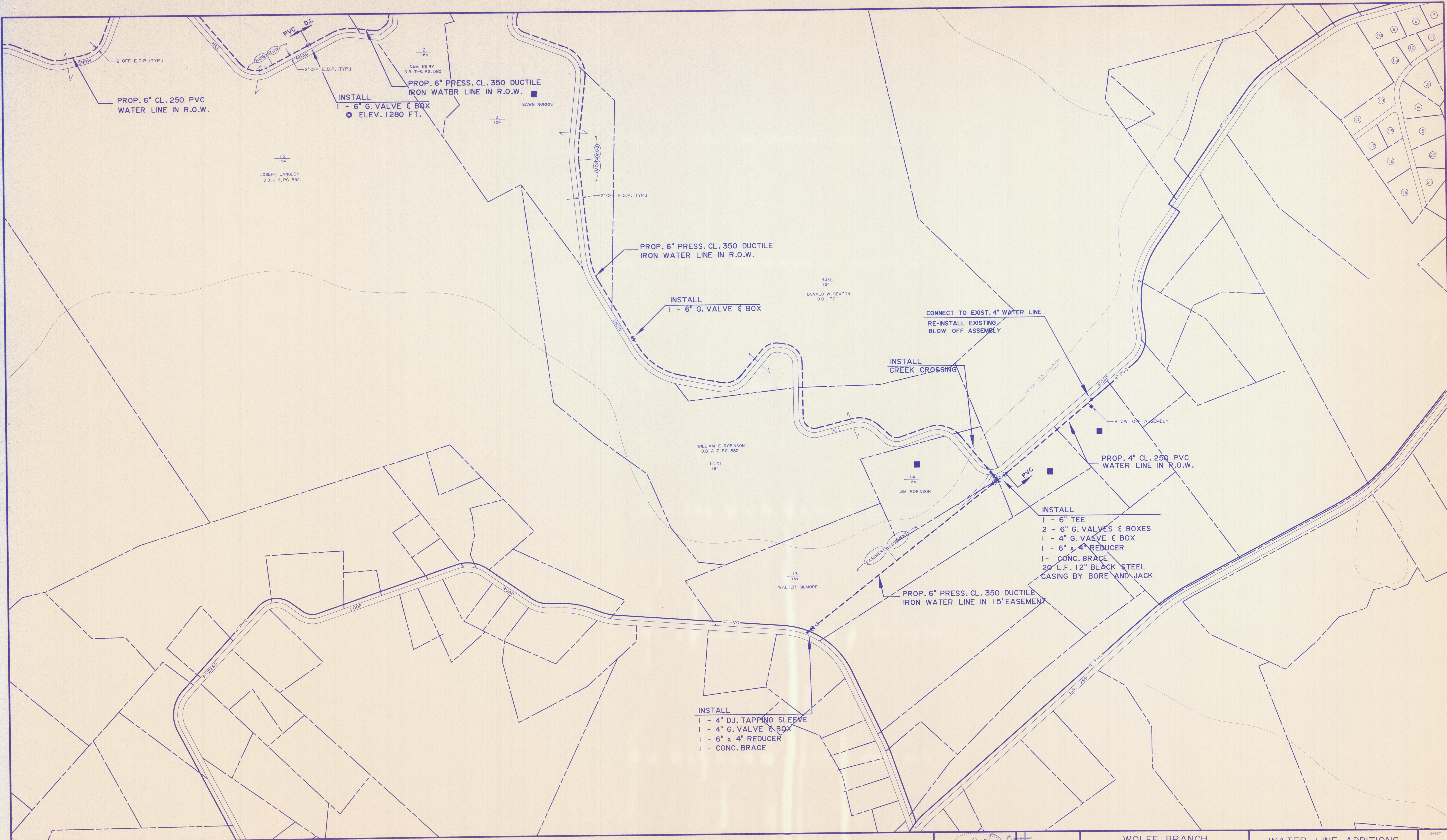
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154 NW	154 NE		9		10
154 SW	154 SE				



WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee		
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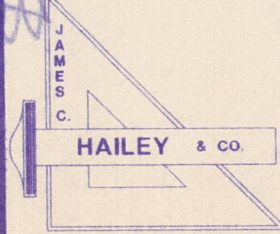
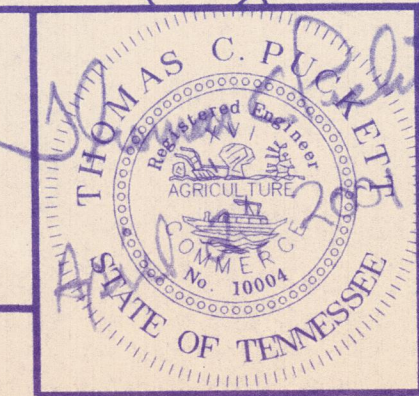
WATER LINE ADDITIONS SNOW HILL ROAD		
DATE DEC. 2000	SCALE 1" = 200'	PROJECT NO. 98266

SHEET
9
154 NW



LLB: chubbj@engr.com with rmap 11/14/10

	147 SE		11	
154 NW	154 NE	9	10	
	154 SE			



WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee			WATER LINE ADDITIONS SNOW HILL ROAD		
DESIGN TCP	DRAWN LLB	CHECKED TCP	DATE DEC. 2000	SCALE 1" = 200'	PROJECT NO. 98266

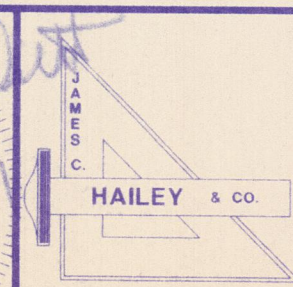
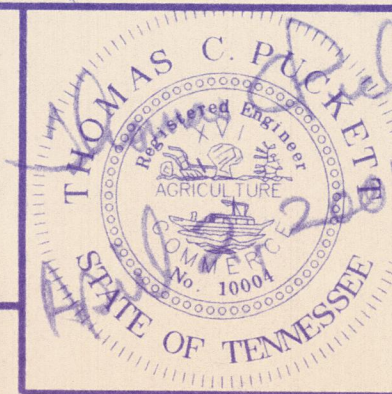
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154 NE



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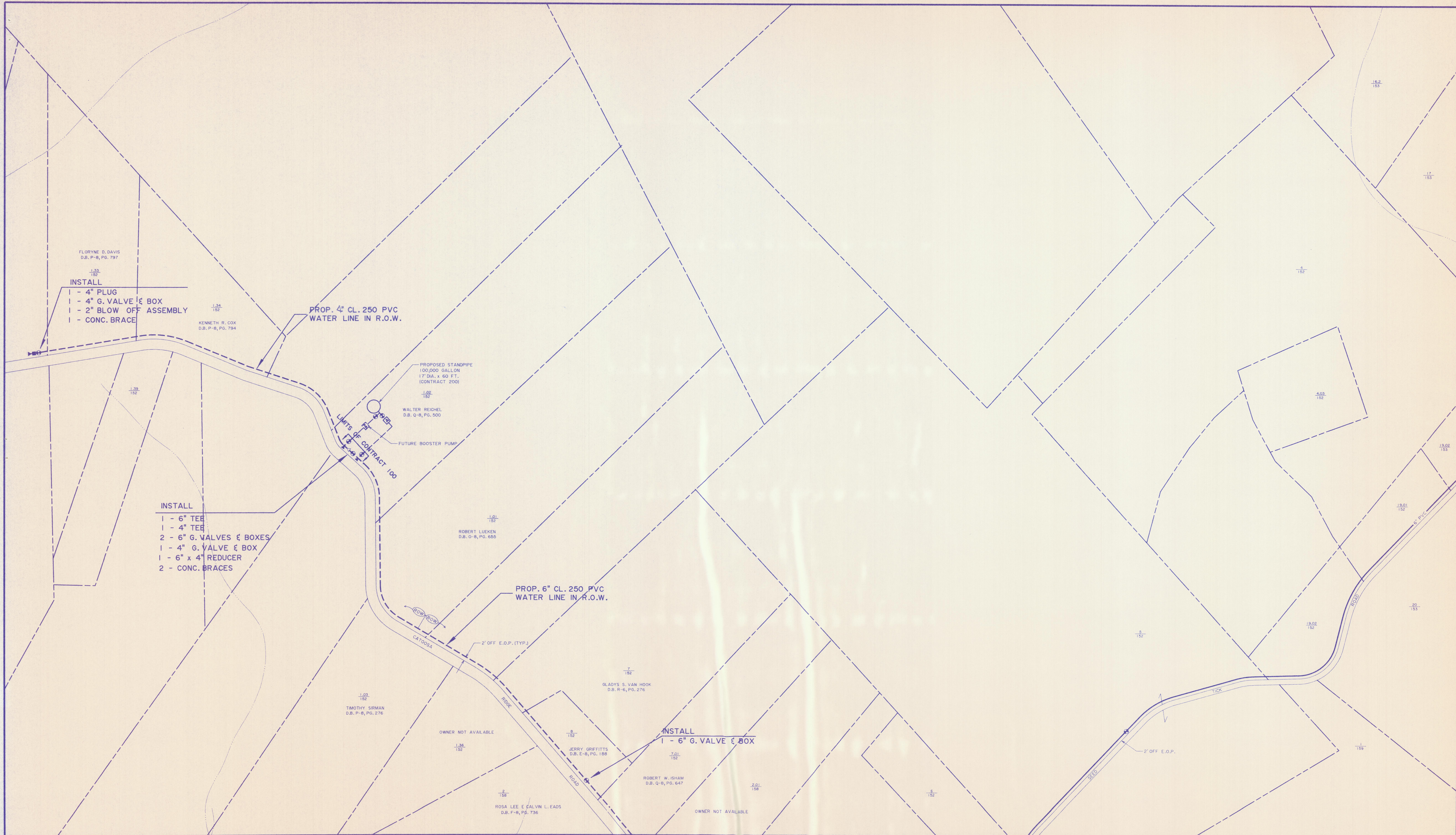
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147 SW	147 SE	
	154 NE	

6	7	8
	11	
9	10	



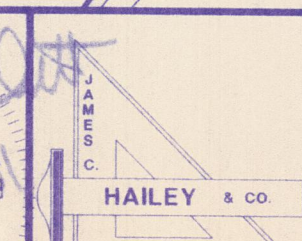
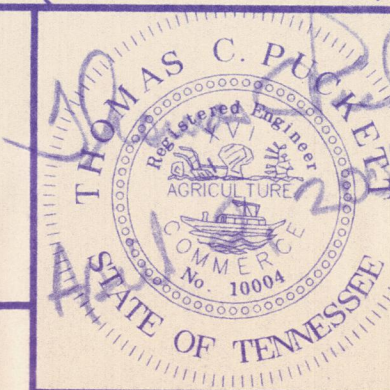
WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee			WATER LINE ADDITIONS SNOW HILL ROAD		
DESIGN TCP	DRAWN LLB	CHECKED TCP	DATE DEC. 2000	SCALE 1" = 200'	PROJECT NO. 98266

147 SE

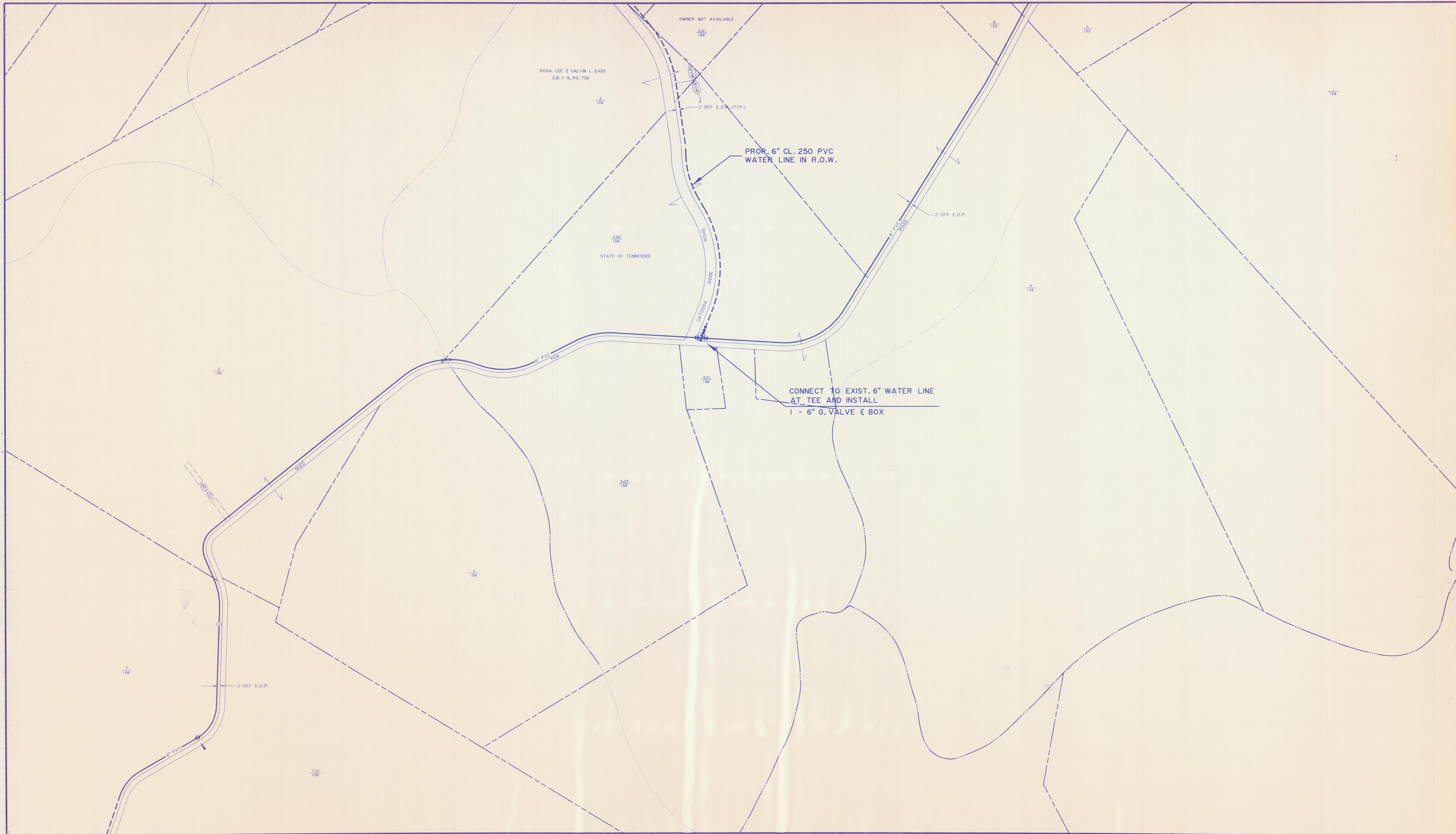


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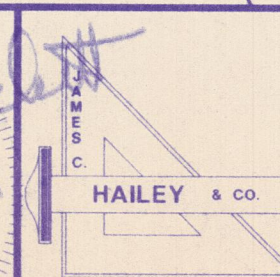
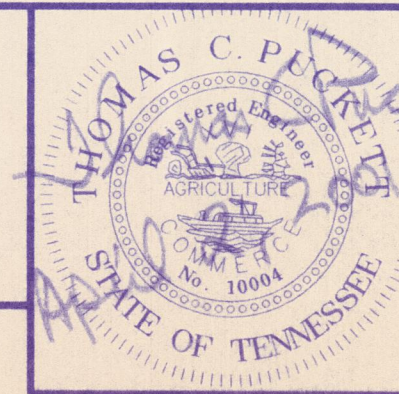


WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee			WATER LINE ADDITIONS CATOOSA RIDGE ROAD			SHEET 12
DESIGN TCP	DRAWN LLB	CHECKED TCP	DATE DEC. 2000	SCALE 1" = 200'	PROJECT NO. 98266	152 SE



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	102 SE		12	
	158 NE		13	



WOLFE BRANCH
UTILITY DISTRICT
Morgan County, Tennessee

DESIGN	DRAWN	CHECKED
TCP	LLB	TCP

WATER LINE ADDITIONS
CATOOSA RIDGE ROAD

DATE	SCALE	PROJECT NO.
DEC. 2000	1" = 200'	98266

SHEET

13

158 NE