

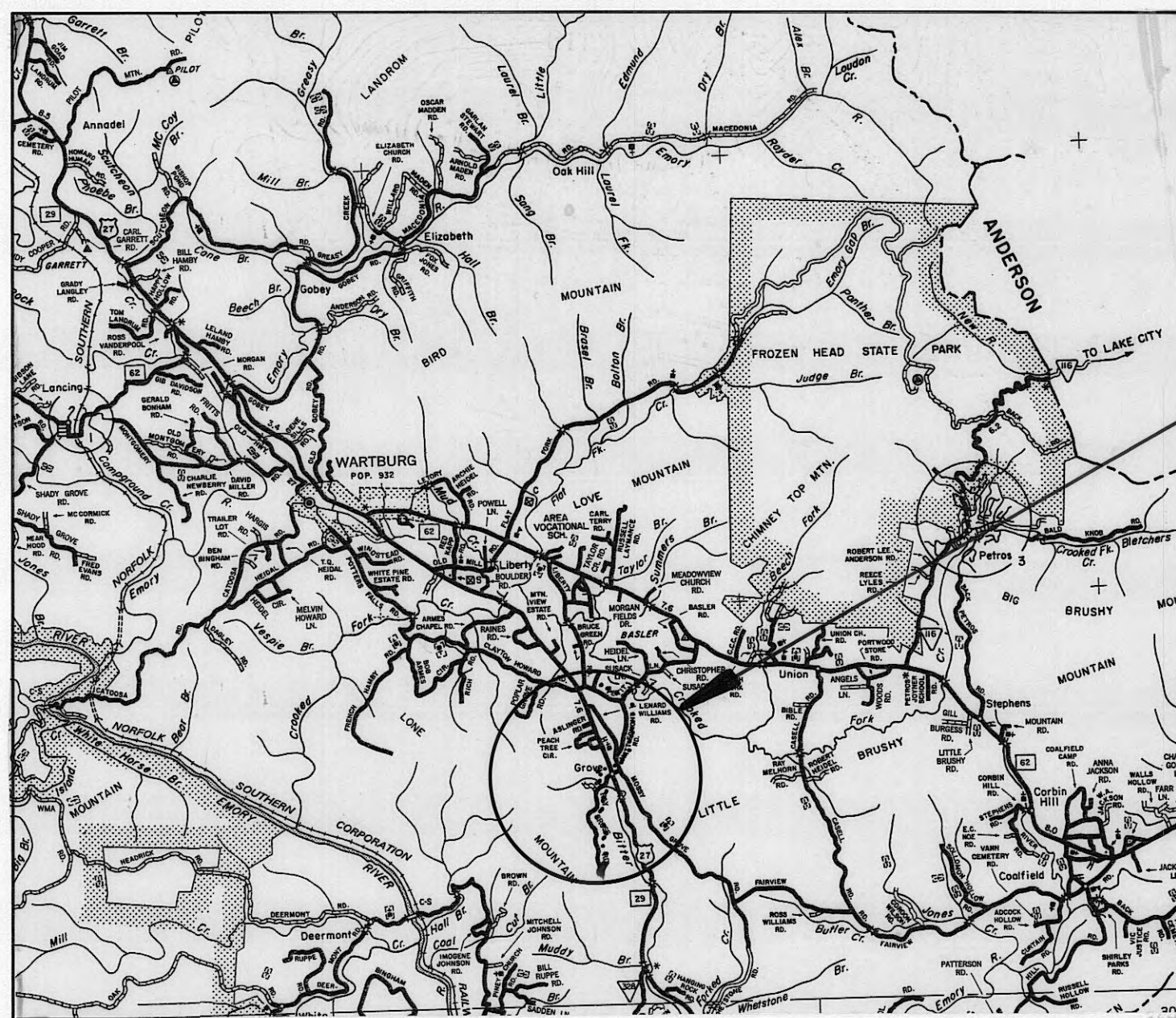
PLATEAU UTILITY DISTRICT

Morgan County, Tennessee

WATER SYSTEM IMPROVEMENT PETTIT LANE/RAY CROSS ROAD WATER LINE REPLACEMENT

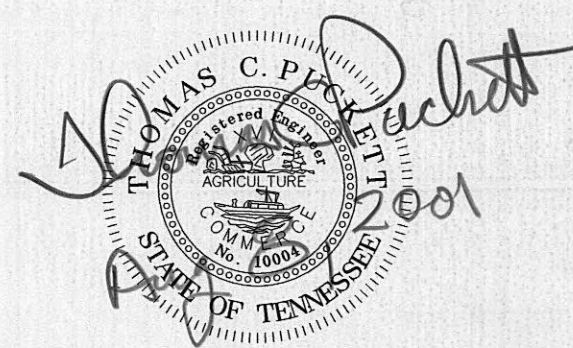
2001

LOCATION MAP



PROJECT AREA

Project Engineer



PLANS REVIEWED AND APPROVED BY PLATEAU UTILITY DISTRICT

Ronnie Diden
RONNIE DIDEN, DISTRIBUTION SUPT.

8-8-2001
DATE

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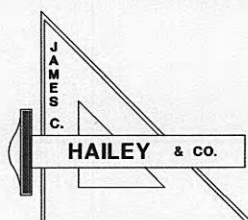
JAMES C. HAILEY & CO.

MAY 05 2003

SCANNED TO ARCHIVE

SET NUMBER

JCH PROJECT NO. 012.13



JAMES C. HAILEY & CO. 2622 OLD LEBANON ROAD - SUITE 200 NASHVILLE, TENNESSEE

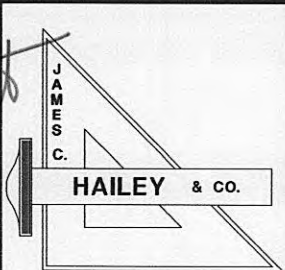
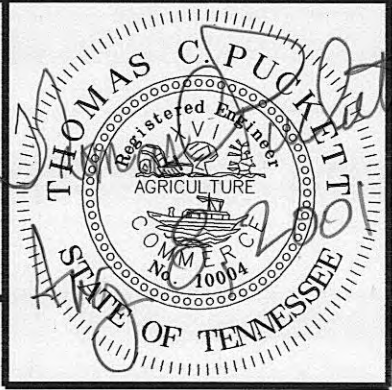


GENERAL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION OF ALL UTILITIES AND CONSIDERATION OF SUCH IN BIDDING THE PROJECT. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY (WATER, TELEPHONE, ELECTRIC, ETC.) PRIOR TO EXCAVATION TO AVOID EXISTING UTILITIES AND TO ALLOW FOR POSSIBLE INSTALLATION MODIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES.
 - 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 MORGAN 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 MORGAN COUNTY HIGHWAY DEPARTMENT.
- 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.
 - 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.
 - 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 WILLIAMSON COUNTY HIGHWAY SUPERINTENDENT.
 - 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.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING WATER LINE ROUTE PRIOR TO TRENCHING. 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.

- 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. CONTRACTOR SHALL OBTAIN APPROVAL OF OWNER FOR EXACT LOCATION OF ALL FIRE HYDRANTS.
- 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.
- CRUSHED STONE BACKFILL SHALL BE USED WHERE LINES ARE LOCATED UNDER EXISTING AND PROPOSED DRIVING SURFACES (ROADS, DRIVEWAYS, ETC.).
- METER LOCATIONS SHALL BE AS DIRECTED IN FIELD BY ENGINEER OR DISTRICT.
- 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.
- CONTRACTOR TO LOCATE AND VERIFY EXISTING FACILITIES AT CONNECTIONS OR TIE-INS PRIOR TO COMMENCEMENT OF CONSTRUCTION OF NEW FACILITIES TO ALLOW FOR POSSIBLE MODIFICATIONS. ADJUSTMENTS WILL BE MADE ACCORDINGLY WITH APPROVAL OF THE ENGINEER.
- 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.
- CONTRACTOR SHALL OBTAIN APPROVAL FROM TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT) PRIOR TO START OF CONSTRUCTION OF HIGHWAY CROSSING AND SHALL CONFORM TO ALL REQUIREMENTS OF TDOT PERMIT AND STANDARDS. SAFETY PROCEDURES AND ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH TDOT STANDARDS AND CONDITIONS.
- THE CONTRACTOR SHALL SCHEDULE AND COORDINATE THE WORK WITH TDOT AND THE UTILITY DISTRICT. A CONSTRUCTION SCHEDULE SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE UTILITY DISTRICT FOR APPROVAL. PARTICULAR ATTENTION SHALL BE GIVEN TO THE TIE-IN.
- CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATIONS OF PROPOSED FACILITIES AND ADJUST WATER LINE FACILITIES AS APPROVED TDOT AND THE ENGINEER.

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PLATEAU UTILITY DISTRICT Morgan County, Tennessee				KEY MAP			SHEET
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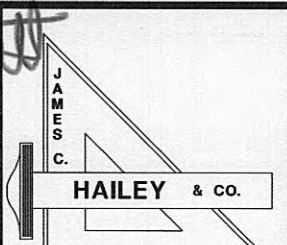
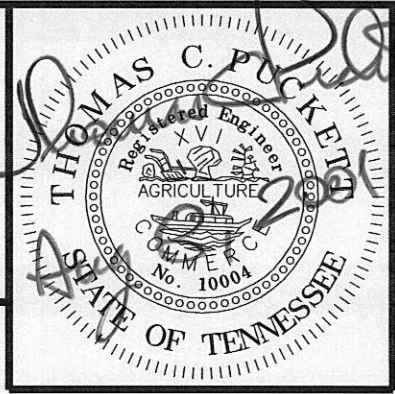
118 NE

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R/B



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	2	3
		4



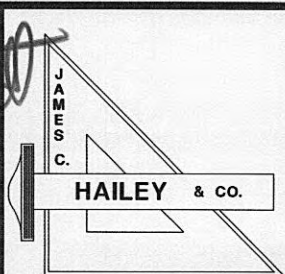
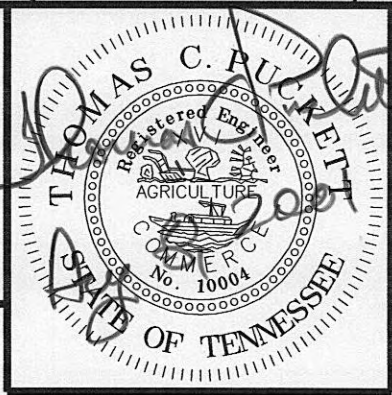
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DESIGN TCP	DRAWN LLB	CHECKED TCP	DATE AUG. 2001	SCALE 1" = 200'	PROJECT NO. 01213	

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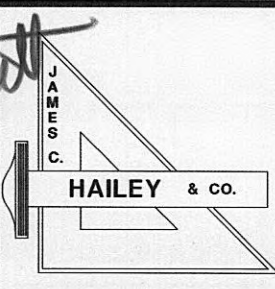
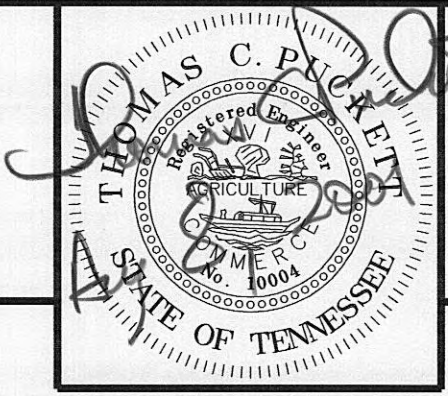
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DESIGN TCP	DRAWN LLB	CHECKED TCP	DATE AUG. 2001	SCALE 1" = 200'	PROJECT NO. 01213	
119 NW						

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	4	
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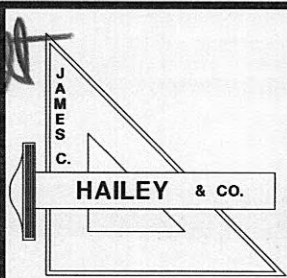
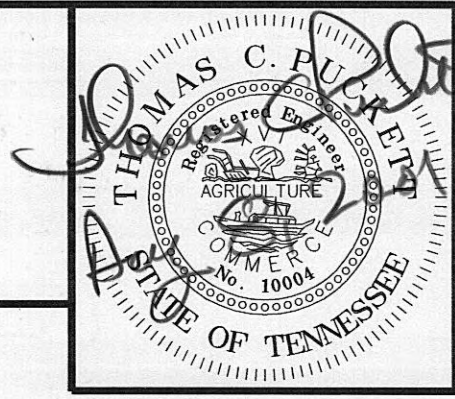
PLATEAU UTILITY DISTRICT Morgan County, Tennessee			WATER LINE ADDITIONS RAY CROSS ROAD			SHEET
DESIGN TCP	DRAWN LLB	CHECKED TCP	DATE AUG. 2001	SCALE 1" = 200'	PROJECT NO. 01213	4

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	4	
6	5	
7		



PLATEAU UTILITY DISTRICT Morgan County, Tennessee			WATER LINE ADDITIONS RAY CROSS ROAD			SHEET
DESIGN	DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	
TCP	LLB	TCP	AUG. 2001	1" = 200'	01213	5
						130 NW

11/2/01



CONNECT TO EXIST. 4" WATER LINE AND
INSTALL
1 - 6" x 4" REDUCER

INSTALL
2 - 6" TEES
4 - 6" G. VALVES & BOXES
1 - FIRE HYD. ASSEMBLY
3 - CONC. BRACES
40 L.F. 12" STEEL CASING
BY BORE AND JACK

INSTALL
2 - 6" 90° BENDS
2 - CONC. BRACES

INSTALL
25 L.F. 12" STEEL CASING
BY BORE AND JACK

PROP. 6" CLASS 200
PVC WATER LINE

INSTALL
1 - 6" x 2" TEE
1 - 2" G. VALVE & BOX
1 - 6" TEE
1 - 6" G. VALVE & BOX
1 - FIRE HYD. ASSEMBLY
3 - CONC. BRACES

EXIST. 2" WATER LINE
TO BE ABANDONED

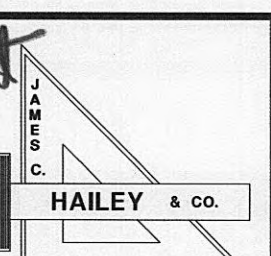
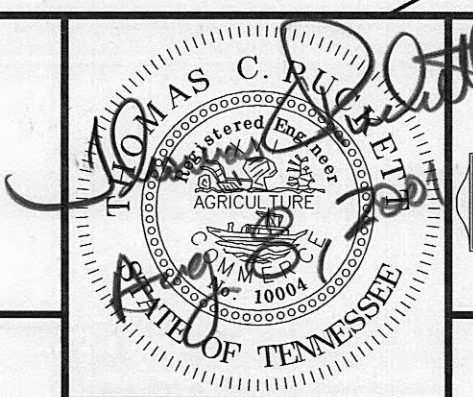
PROP. 6" CLASS 200
PVC WATER LINE

EXIST. 2" WATER LINE
TO REMAIN IN SERVICE

INSTALL
1 - 6" x 2" TEE
1 - 6" G. VALVE & BOX
1 - 2" G. VALVE & BOX
1 - CONNECTION TO EXIST. 2" W.L.
1 - 6" PLUG
1 - BLOW OFF
1 - END OF LINE CONC. BRACE

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		4
	6	5
	7	



PLATEAU UTILITY DISTRICT Morgan County, Tennessee		
DESIGN	DRAWN	CHECKED
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WATER LINE ADDITIONS RAY CROSS ROAD		
DATE	SCALE	PROJECT NO.
AUG. 2001	1" = 200'	01213

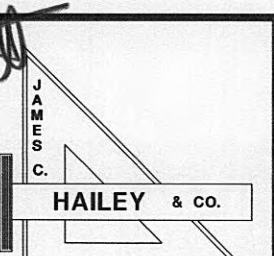
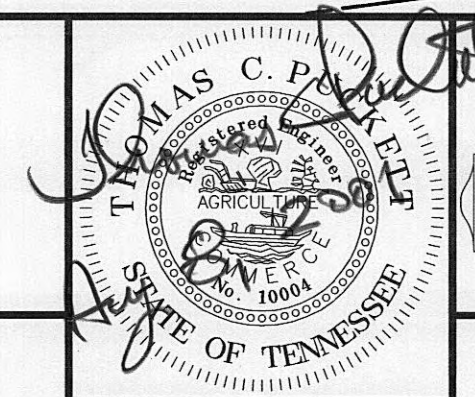
SHEET
6
129 NE

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	6	5
	7	



PLATEAU UTILITY DISTRICT Morgan County, Tennessee			WATER LINE ADDITIONS RAY CROSS ROAD			SHEET
DESIGN	DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	
TCP	LLB	TCP	AUG. 2001	1" = 200'	01213	7

129 SE

CAD
1/20