## SANITARY SEWERAGE IMPROVEMENTS FOR HARRIMAN, TENNESSEE

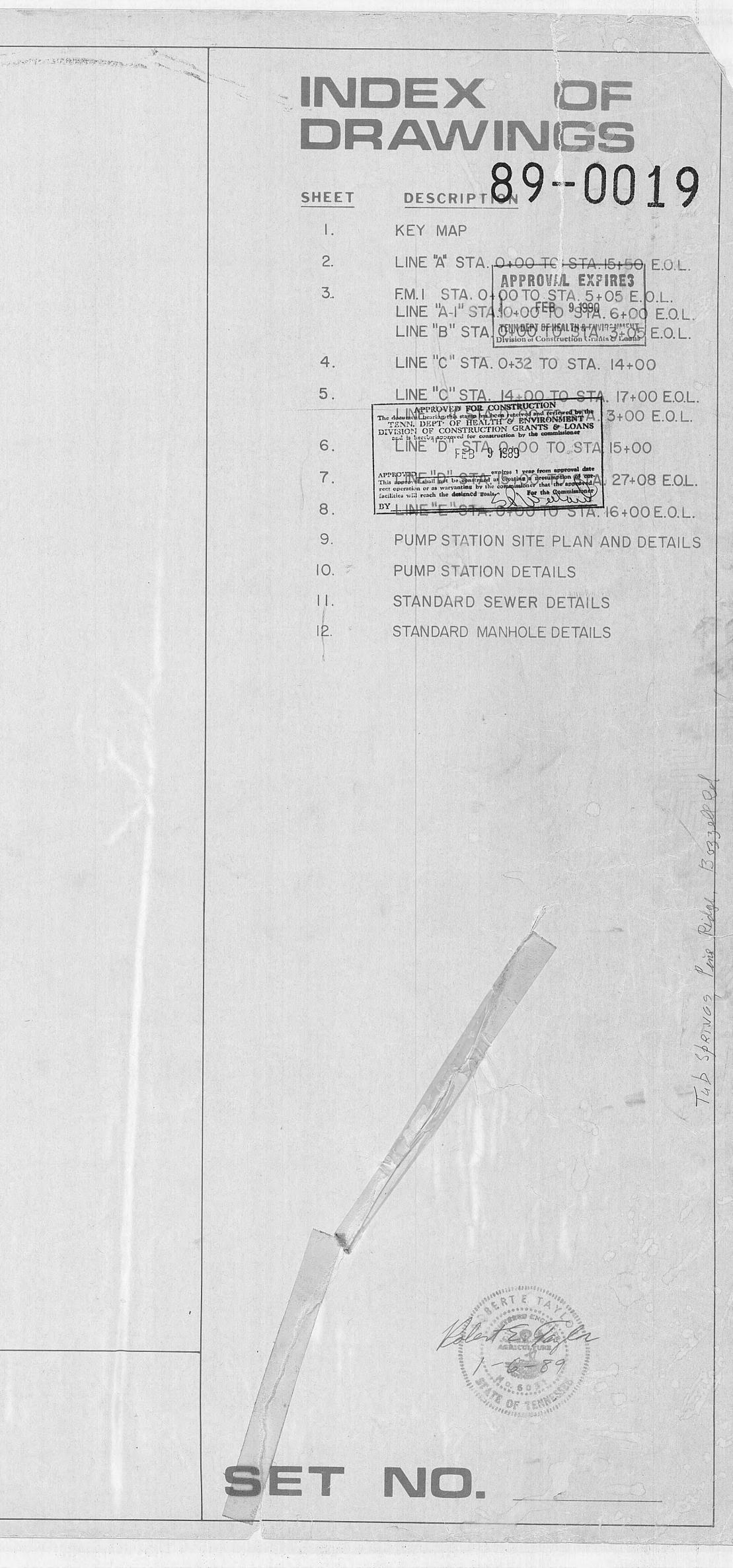
DECEMBER 1988 CDBG PROJECT NO. Z - 38353 JOB NO. 88-05

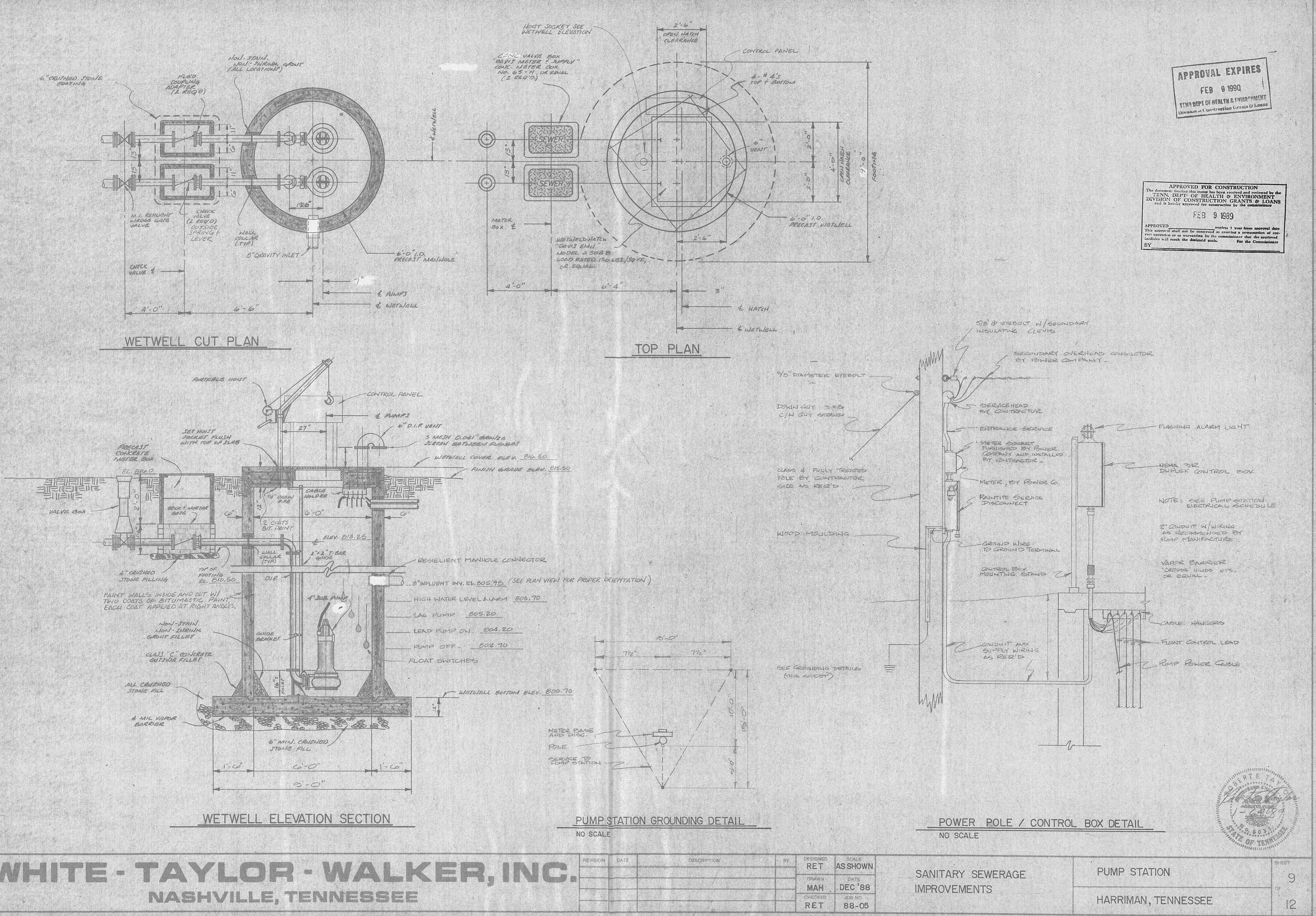
White Taylor Walker / GM Brentwood

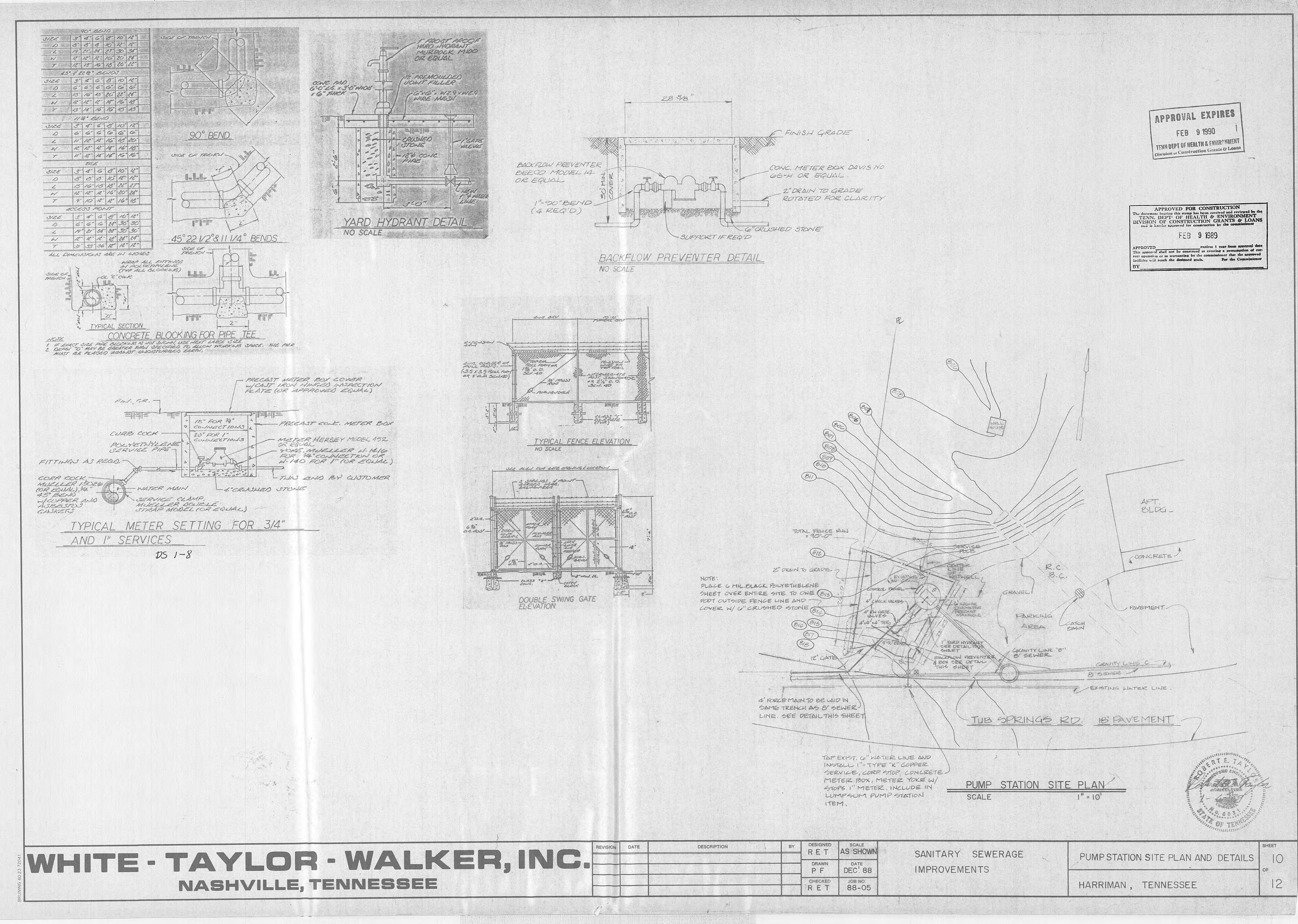


Engineers • Surveyors • Landscape Architects • Planners

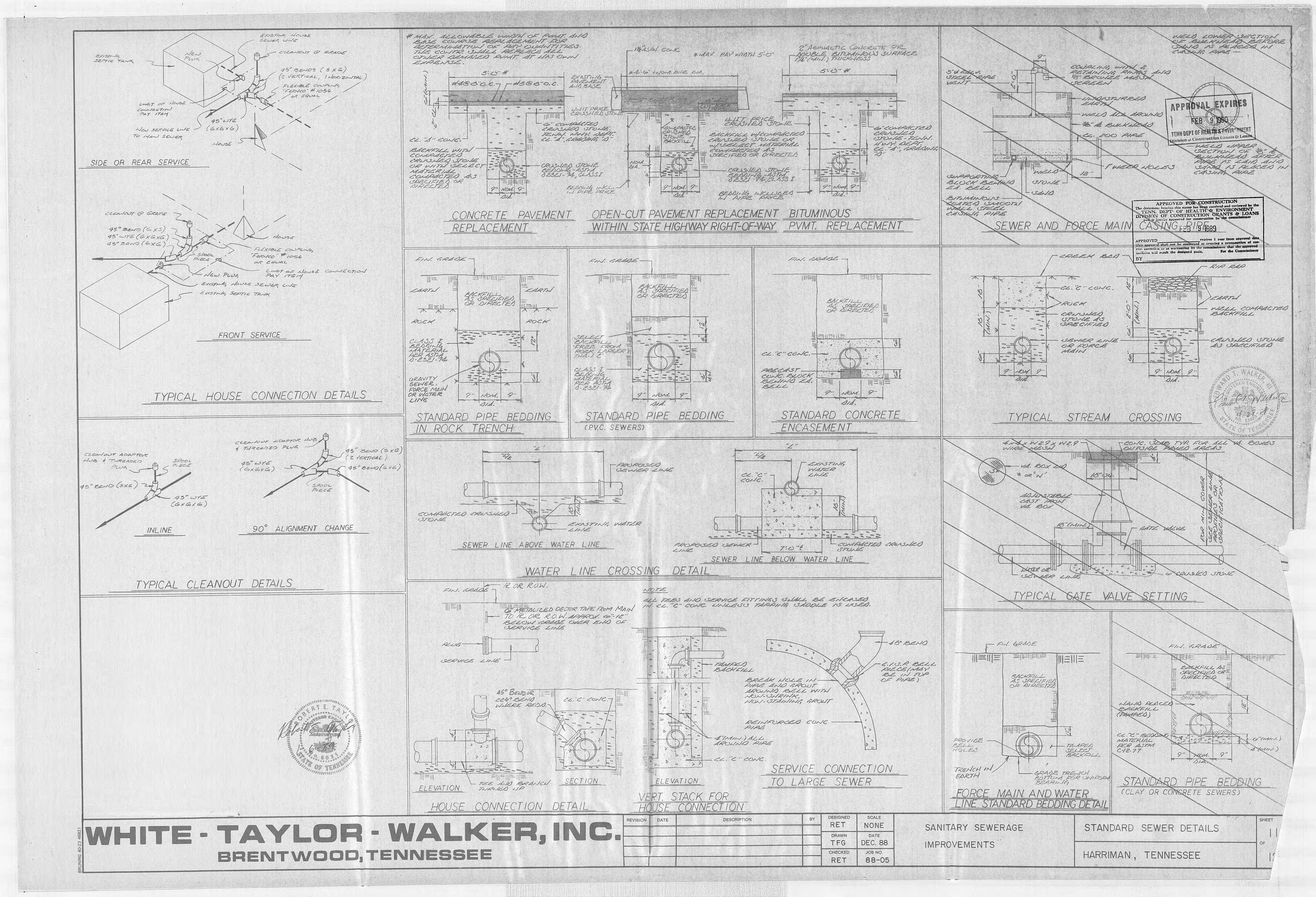
Huntsville

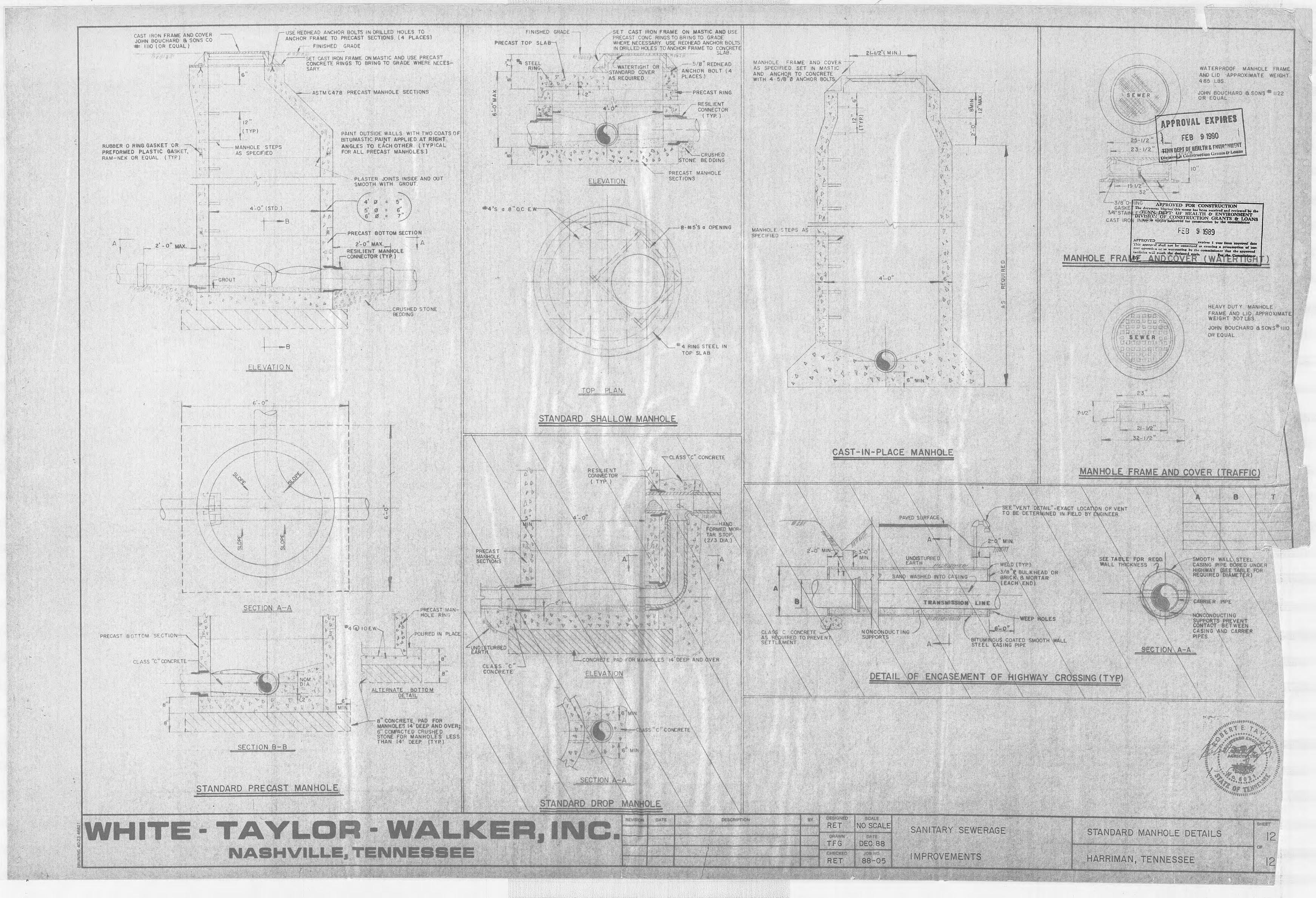


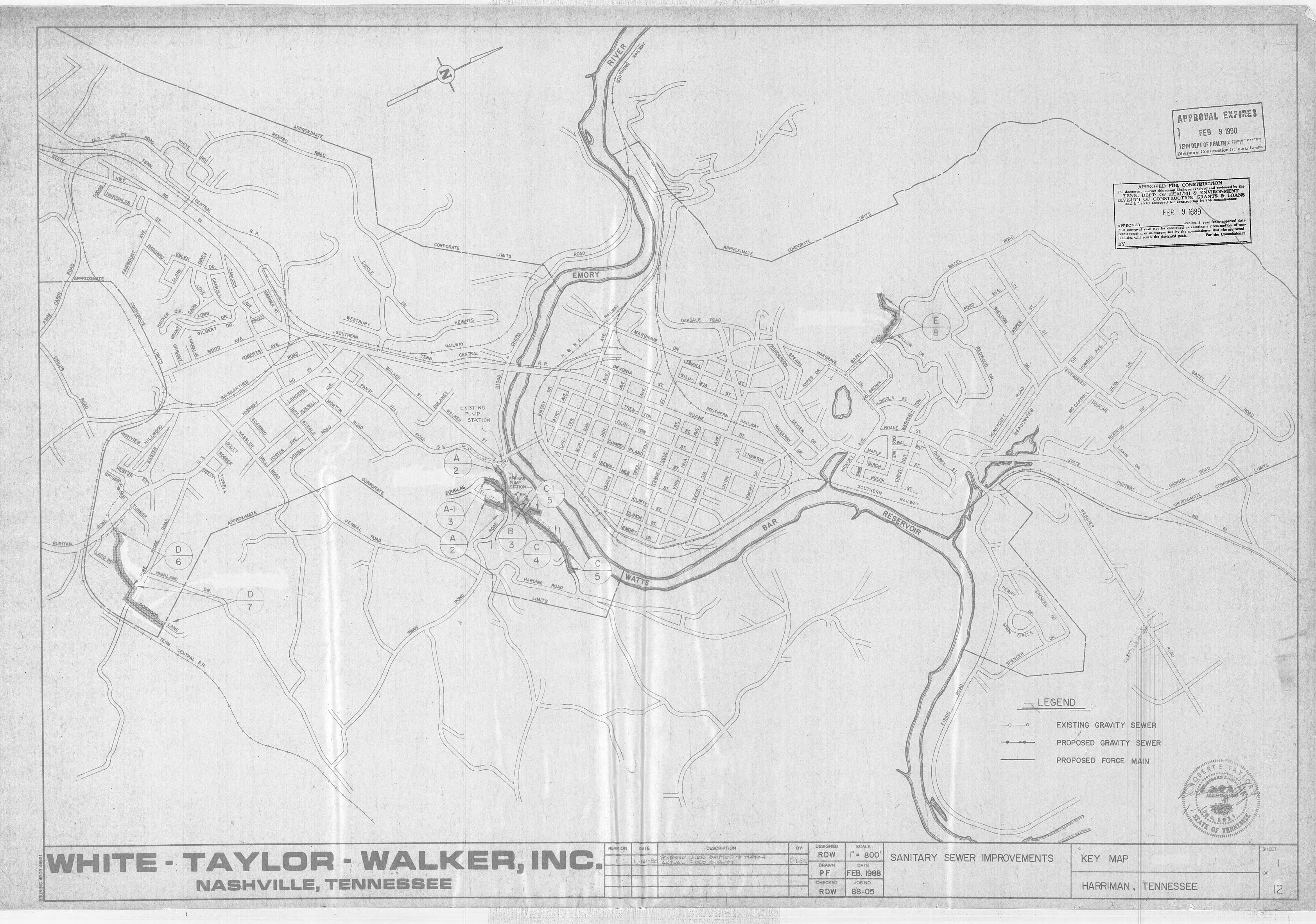




	REVISION	DATE	DESCRIPTION	BY	RET	AS SHOWN
.KER, INC.					DRAWN	DATE DEC <sup>1</sup> 88
EE					CHECKED	JOB NO. 88-05
	1 Martine 1					







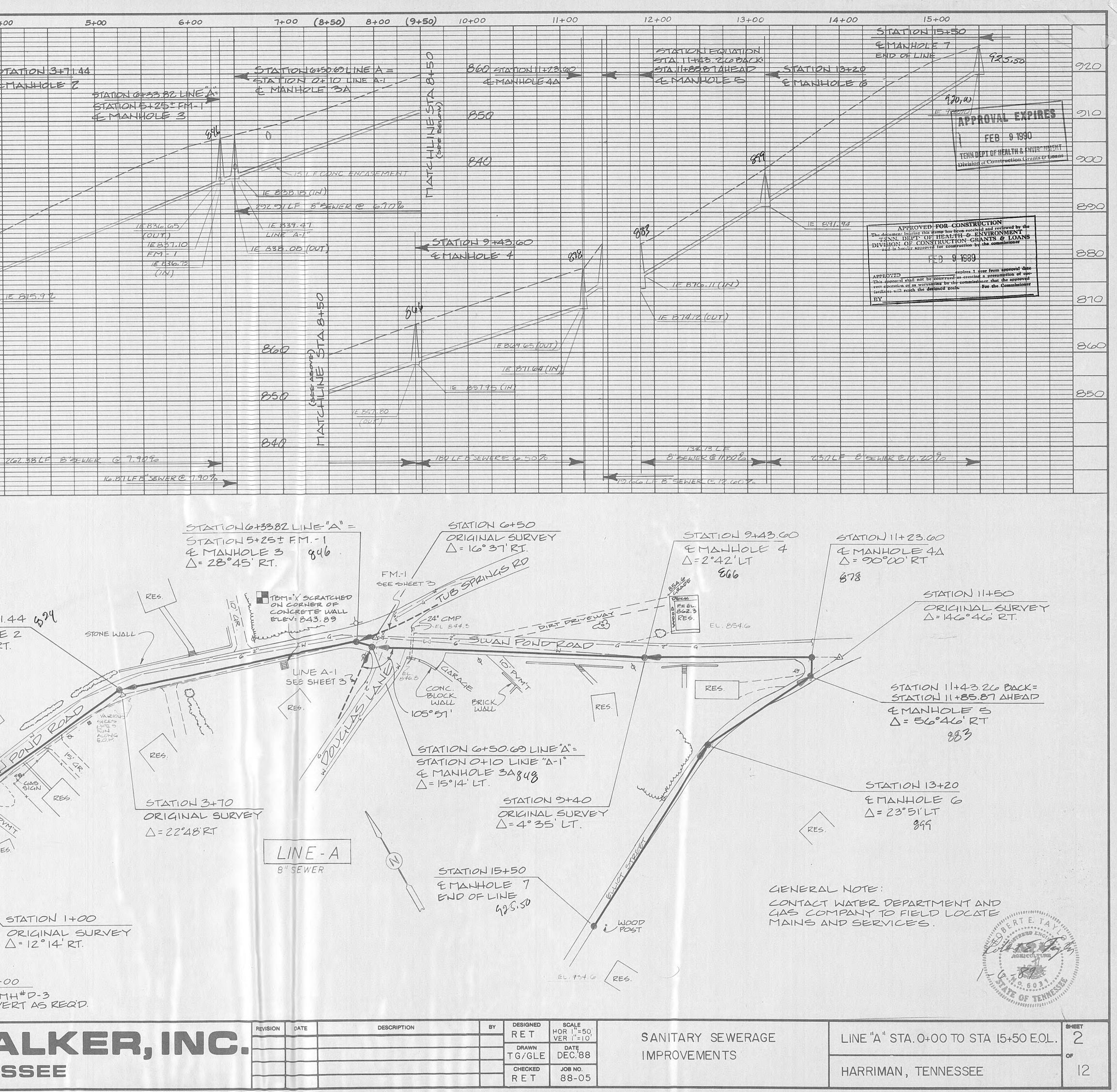
	0+00		1+00		2+00		3+00	4+00
860	ALL ALL	A0+00	9 81	ATION	1+01.44 rle 1		Control         Control         Control         Control	
850		D-3	Image:		Image: state		Control         Control         Control	Image: Section of the sectio
840			Company         Company <t< td=""><td></td><td></td><td></td><td>Image: Constraint of the sector of</td><td>Image: Section of the sectio</td></t<>				Image: Constraint of the sector of	Image: Section of the sectio
830	Control         Control <t< td=""><td></td><td>Image: Image: Image:</td><td></td><td></td><td></td><td>Image: Constraint of the sector of</td><td>47</td></t<>		Image:				Image: Constraint of the sector of	47
870			Image:					
810	Image: sector		616,6	0				
800						NCASEME		Image: Section of the sectio
190		= 1912.37.		- 19 7.02			Image: Section of the sectio	Image: Section of the sectio
		189.40 ( TINOMHE 44LE 8'56 6-69 2	<u>ост)</u> Р-3	2102	LF 8'6	EWER CO.	1.00%	

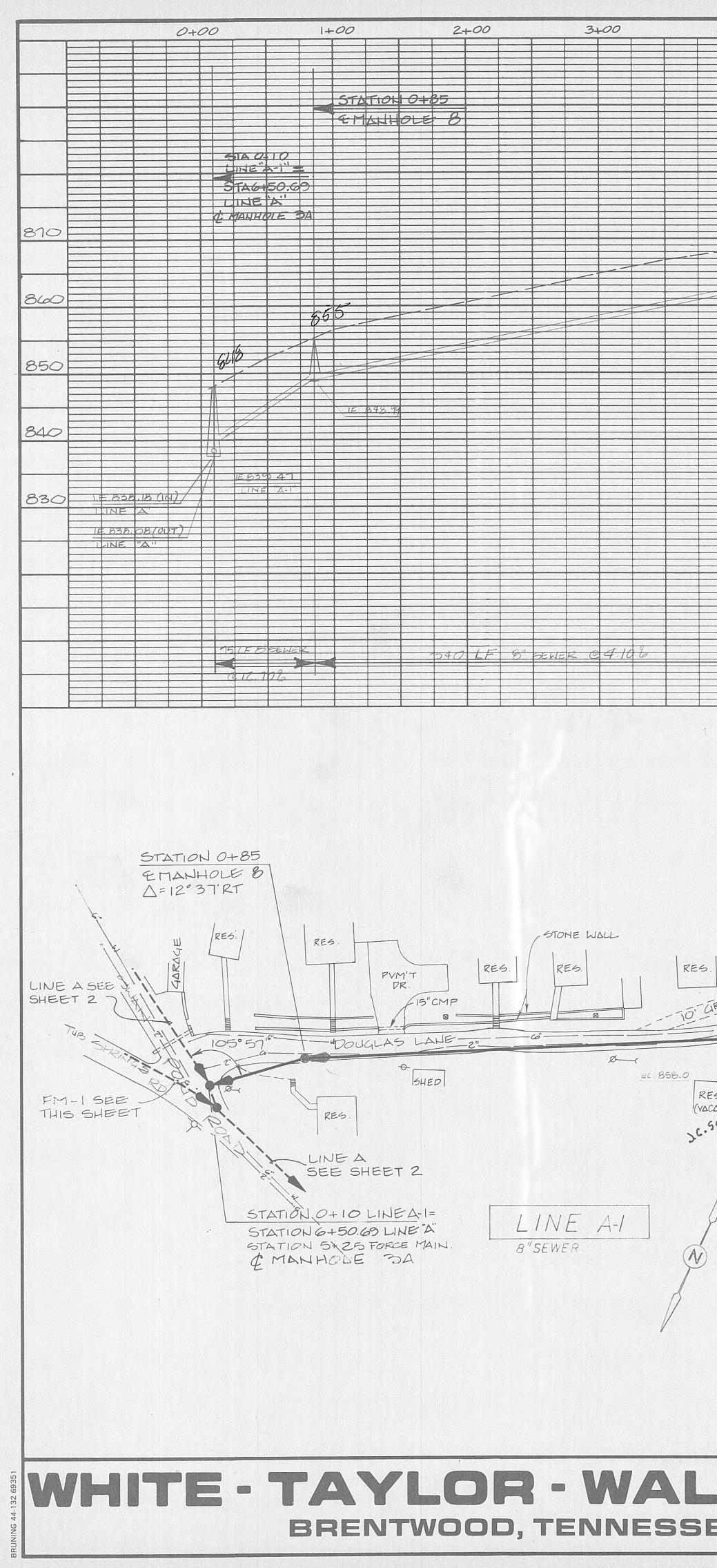
79,20 75,78 - 14 46t 154.98

STATION 3+71.44 629 & MANHOLE Z ∆= 24°00' RT.

- 130. 49 N + 60.9 615 RES STATION 1+01.44 4 MANHOLE I ∆= 15°32' RT. EXISTING PUMP TBM= N.W. CORNER OF CONCRETE PORCH AT EXISTING PUMP STATION EXISTING ELEV = 793.45 - 12" STONE WALL N 56 1455, 832 E 242 8867. 537 -LIGHT WEBBE MARKET 29.27 RIMT STATION 0+00 EXISTING MH#D-3 REBUILD INVERT AS REQ'D. WHITE - TAYLOR - WAL BRENTWOOD, TENNESS

	REVISION	DATE	DESCRIPTION	BY	DESIGNED RET	SCALE HOR 1. =50
LKER, INC.					DRAWN TG/GLE	VER 1"=10" DATE DEC.88
SEE					CHECKED RET	JOB NO. 88-05

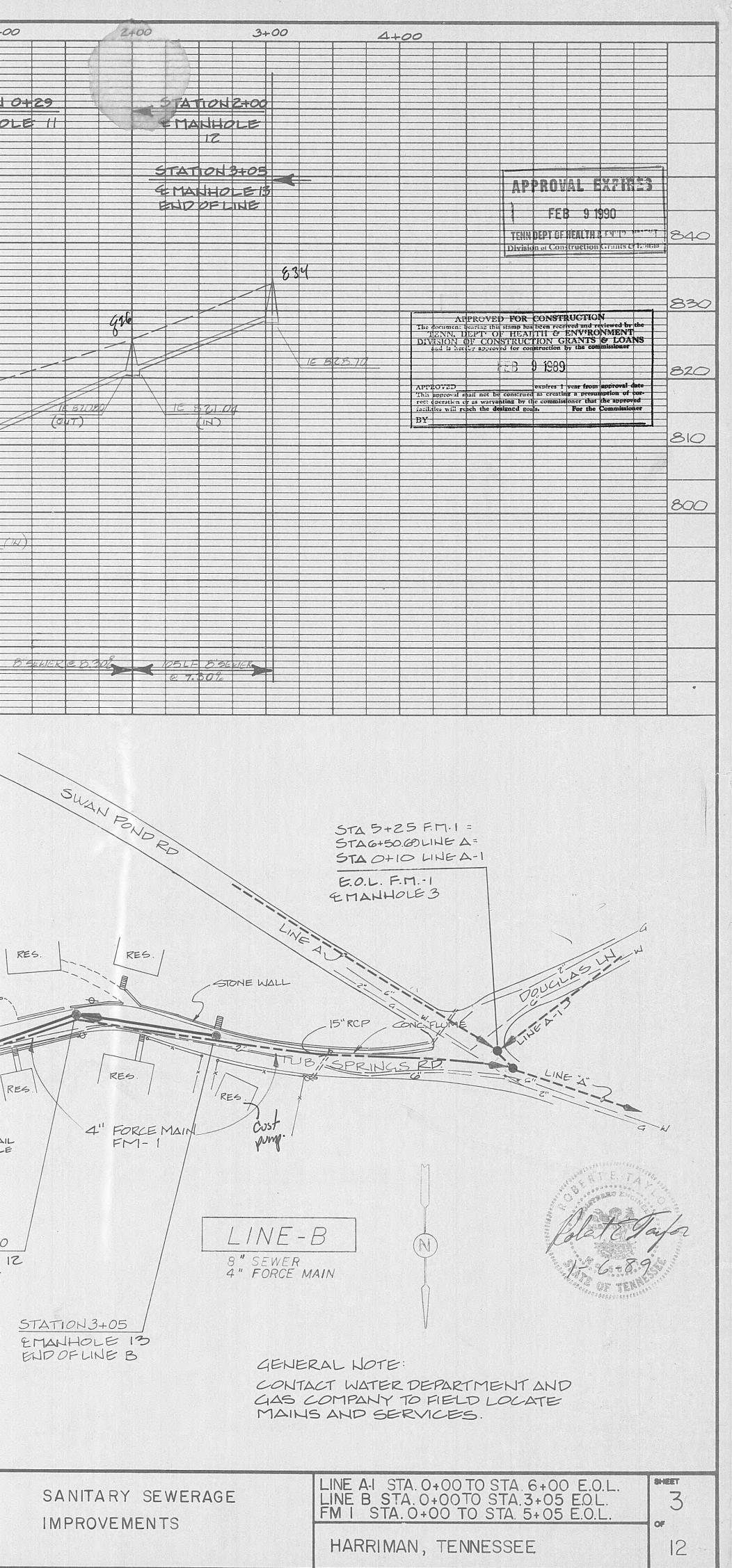


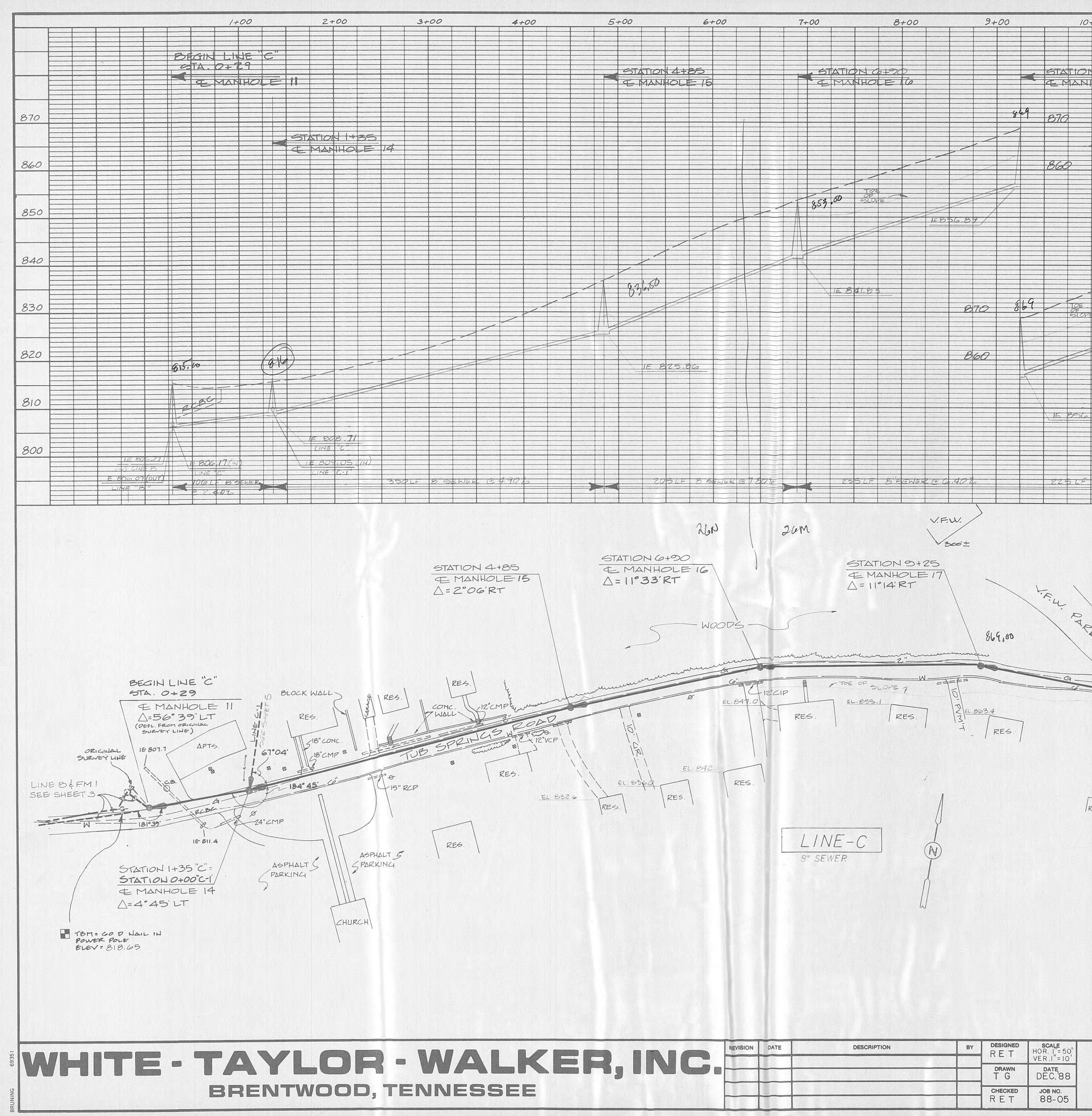


	1	1.1	12.1	159	111	11	語り				11.	11	111	aid.	1.	11			155					1.14			

4	-00			5	+00		1	6-	-00	r	· · ·	i I	Internet of the second se		I	I	1			0	+00			14	-01
			TAT	ION	A = 2	5											GTA	FION	0+0	0			STA	FION	-
			EMA	HHC	LE	9										a second s	A second se	The second se	DTATI	the state of the s			EMA		0
					Company of party in the party of the lot	And in the local division of the local divis	16+	the state of the s																	
					4 M	ANI-	OLE	10 E																	
									896																
		-	S(A:25																						
																	-								
										IE 8	65.9	0													
			IE B	62.9	13																				
																						815		~	
														2											
																				•					
																	IES	3 <i>0</i> 5.9	5/			$\square$	1E 80		
																	(	IN)		/			CIN		
				•													IE	800.	10/	[/			LINE	1000	
														-						/					
								~									TE	806.	<u>p</u> -7/						
																		OUT							
			1750	F E	SEW	ERE	2 1.70	8.									29 L	- 8"S	EWER					IIILE	
				(													C.	0,40	70						
S. UR.	tor			OTAT TATATA A = 12	4L 101 11	OLE	AIL/	REA			AHH	6+0 0LE 1E	10	- - - 	STATE EM A=1	TION ANH 36°C	SHE 0+2 10LE 00' P+00 NAL	29 29 2 11 5 5 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	J-F	RES.	-WGR	STA E MA	REG. NIL POWE EV= 81	2+0 2+0 2LE	00 1'
-									BE	VISION	. DATI	-		•	DESCRIF	TION			в	Y D	ESIGNED		scale R. I= 50		

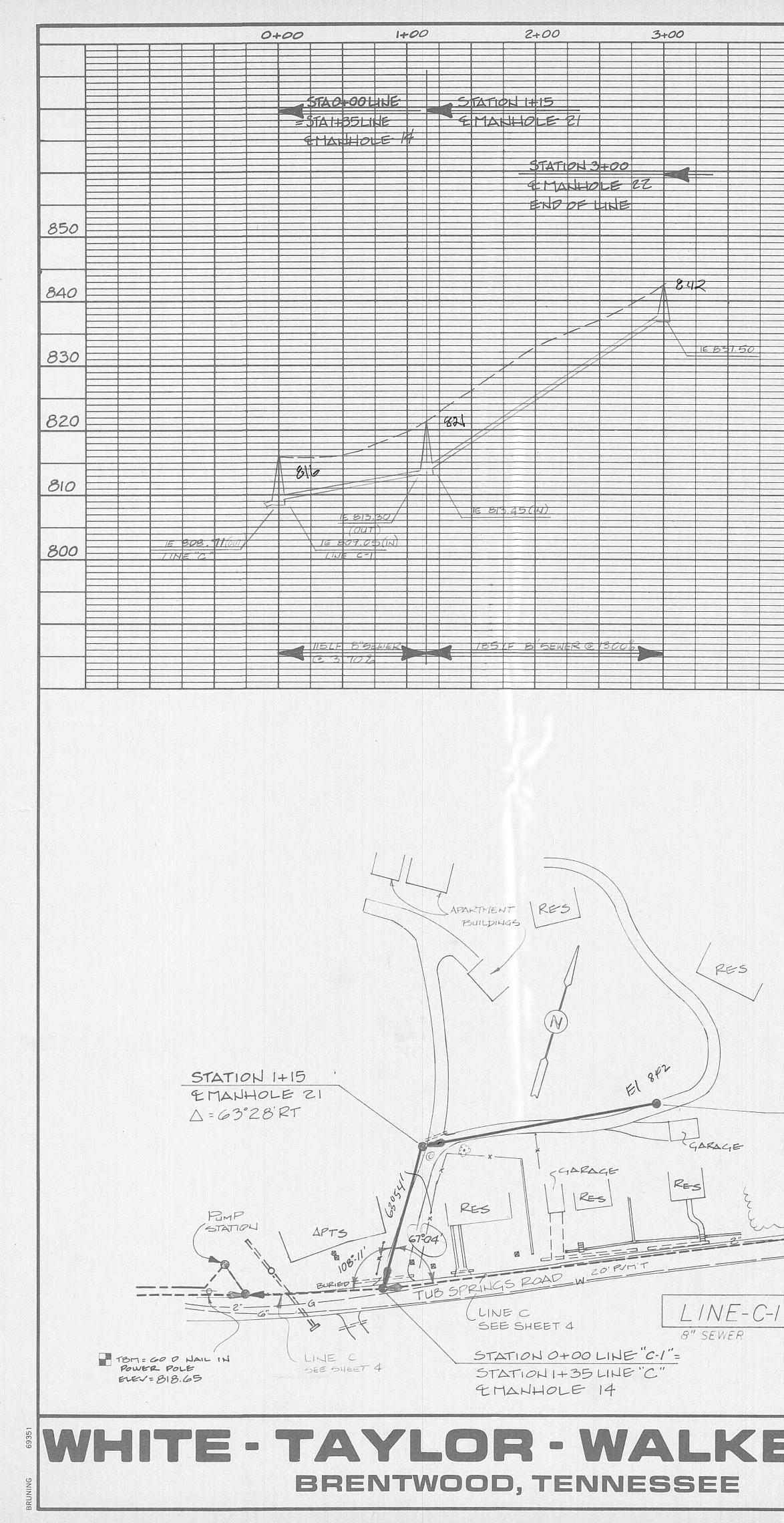
	REVISION	DATE	DESCRIPTION	BY	designed R E T	SCALE HOR. [ 50, VER. [ =10	
.KER, INC.					DRAWN	VER. ("=10" DEC. 88	
EE					CHECKED	JOB NO.	•
					RET	88-05	



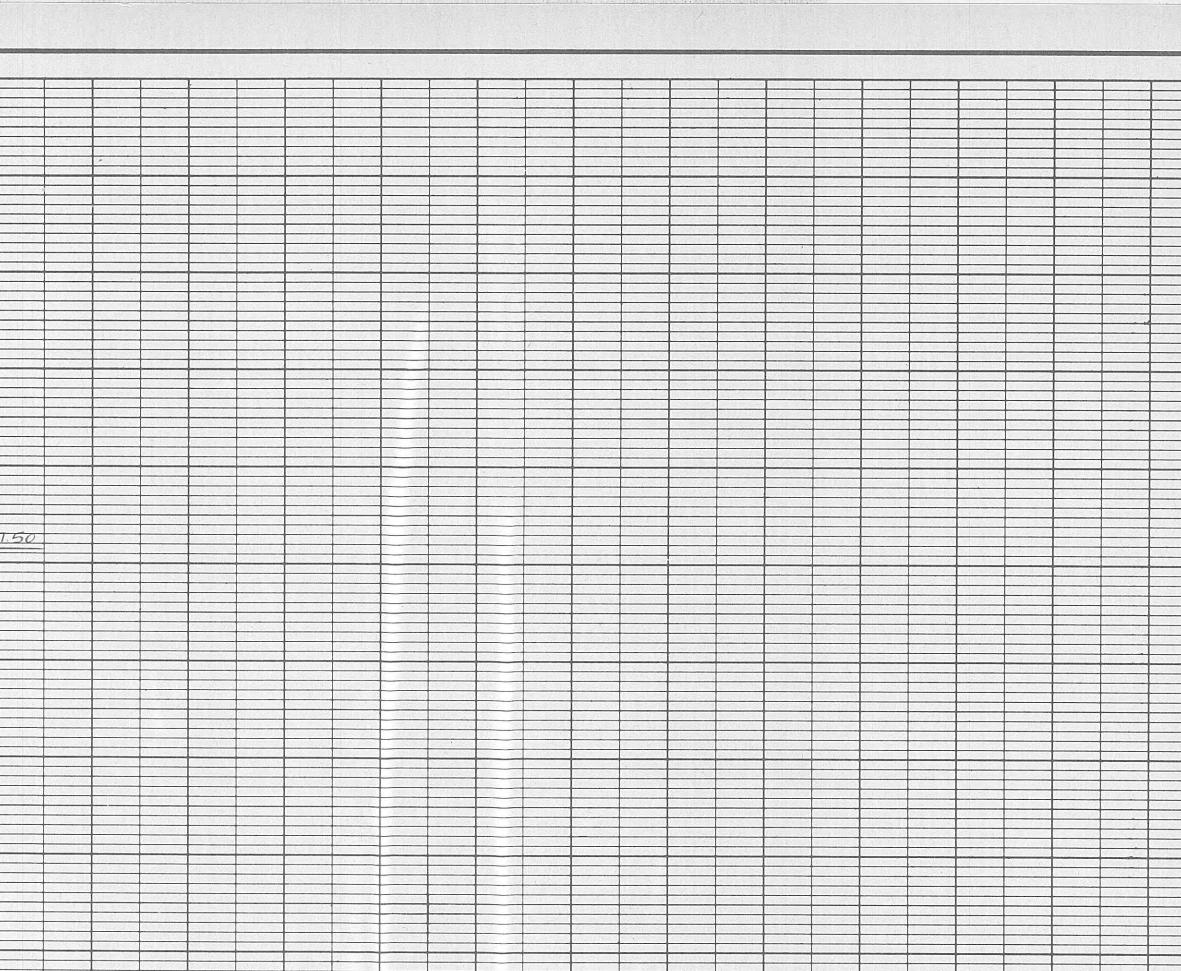


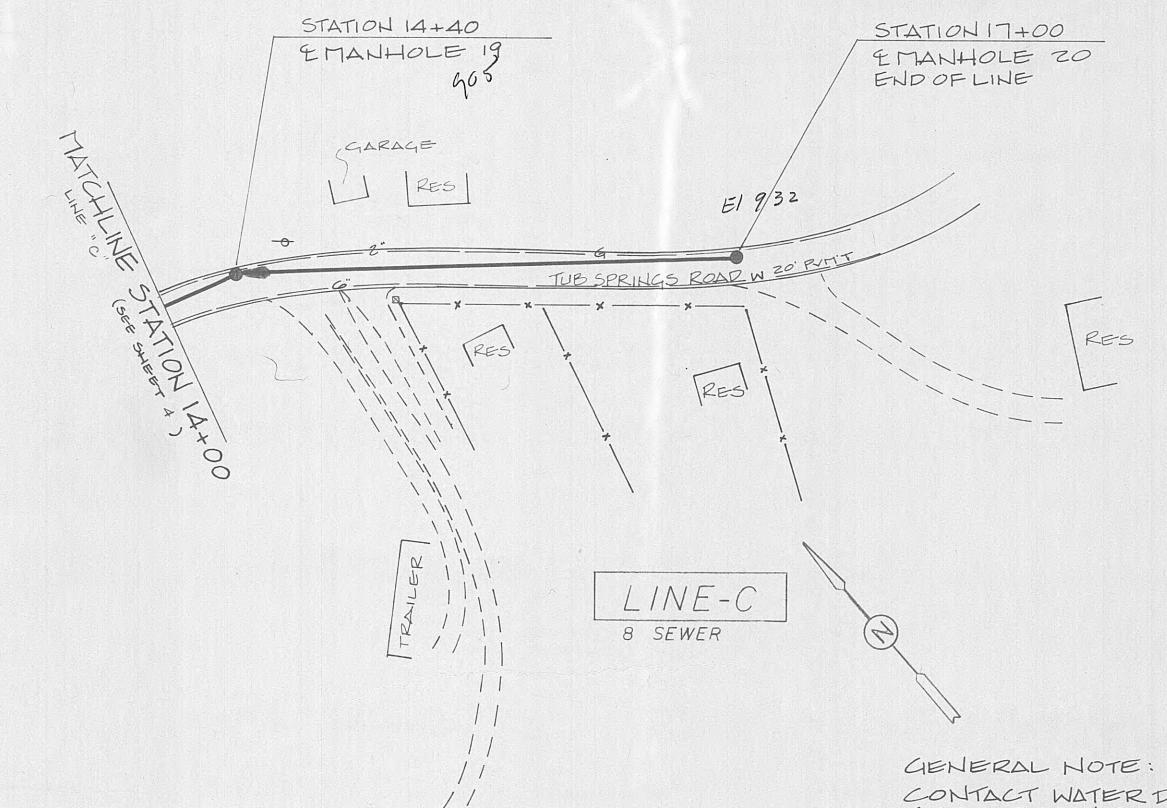
	TON ad reviewed by the RONMENT TS & LOANS commissioner 889
	9 1990 ALTH & FAULT INACALT ALTH & FAULT INACALT Unction Grants & Locals ALTH & FAULT INACALT ALTH & FAULT INACALT
BED SCORE SECOND S	9 1990 ALTH & FAULT INACALT ALTH & FAULT INACALT Unction Grants & Locals ALTH & FAULT INACALT ALTH & FAULT INACALT
553.00 100 100 100 100 100 100 100 100 100	9 1990 ALTH & FNUIDT MARKIT 90 Uction Grants & Losses 89 10N Id reviewed by the RONINENT TS & LOANS commissioner 688 from sporoval date recumption of cor- that the approved the Commissioner
83.9.00         10.0000 <t< td=""><td>TON d. reviewed by the RONMENT TS &amp; LOANS commissioner commissioner that the approved the Commissioner</td></t<>	TON d. reviewed by the RONMENT TS & LOANS commissioner commissioner that the approved the Commissioner
1536.57         1536.57         383.50         16.87.00         17.9.9         16.00         17.9.9         17.9.9         16.00         17.9.9	ION ad reviewed by the RONMENT TS & LOANS commissioner commissioner front approval date resumption of cor- that the approved the Commissioner
B         B	front approval date resumption of cor- that the approved the Commissioner
	86
	85
Alse be	
+25     STATION G+20 Δ = 11°33 RT     STATION 9+25 Φ MANHOLE I7 Δ = 11°33 RT     STATION 9+25 Φ MANHOLE I7 Δ = 11°4 RT     STATION EQUATION SISTION 12+00 AHEAD- SIATION EQUATION SISTION 12+00 AHEAD- SIATION EQUATION SISTION 12+00 AHEAD- SIATION 2+00 AHEAD-	
LINE-C 9" SEWER	ATENNING RTE. T BBD 2. AABACTOL VIEW OF TENNING
DRAWN T G     DATE DEC.88       IMPROVEMENTS       CHECKED R E T     JOB NO.       B8-05	

----



.





-

-----

						RES	
KER,	INIC	REVISION	DATE	DESCRIPTION	BY	designed R E T	<b>SCALE</b> HOR.  "= 50 VER.  "=10
						DRAWN D.L.E	DEC. 88
=E						CHECKED RET	JOB NO. 88-05

STATION 3+00

EMANHOLE 22 ENDOFLINE

in

14+00	15+00	16+00	17+00	_
	5TATION 14+40 4 MANULOLE 19	Image: section of the sectio		
	Image: second	STATION EMPOPL		940
8	Image: second		932	930
STATION 1440			APPROVED FOR CONSTRUCTION The document insuling this stamp has been received and reviewed by the The document insuling this stamp has been received and reviewed by the TONN, DIPT. OF HEALTH & ENVIRONMENT TONN, DIPT. OF HEALTH & ENVIRONMENT TONN, DIPT. OF HEALTH & ENVIRONMENT TONN, DIPT. OF CONSTRUCTION GRANTS & LOANS DIVISION OF CONSTRUCTION GRANTS & LOANS DIVISION OF CONSTRUCTION GRANTS & LOANS APPROVED This approval shall not be constructed as creating a presumption of cor- rect operation of as waryanting by the commissioner that the approved facilities will reach the designed goals. BY	920 910
		Image: second	Image         Image <th< td=""><td>900</td></th<>	900
	IE 896.92	Image: state	Image: state	890
	COLF B"SENER	<u>e 10.80 % </u>		

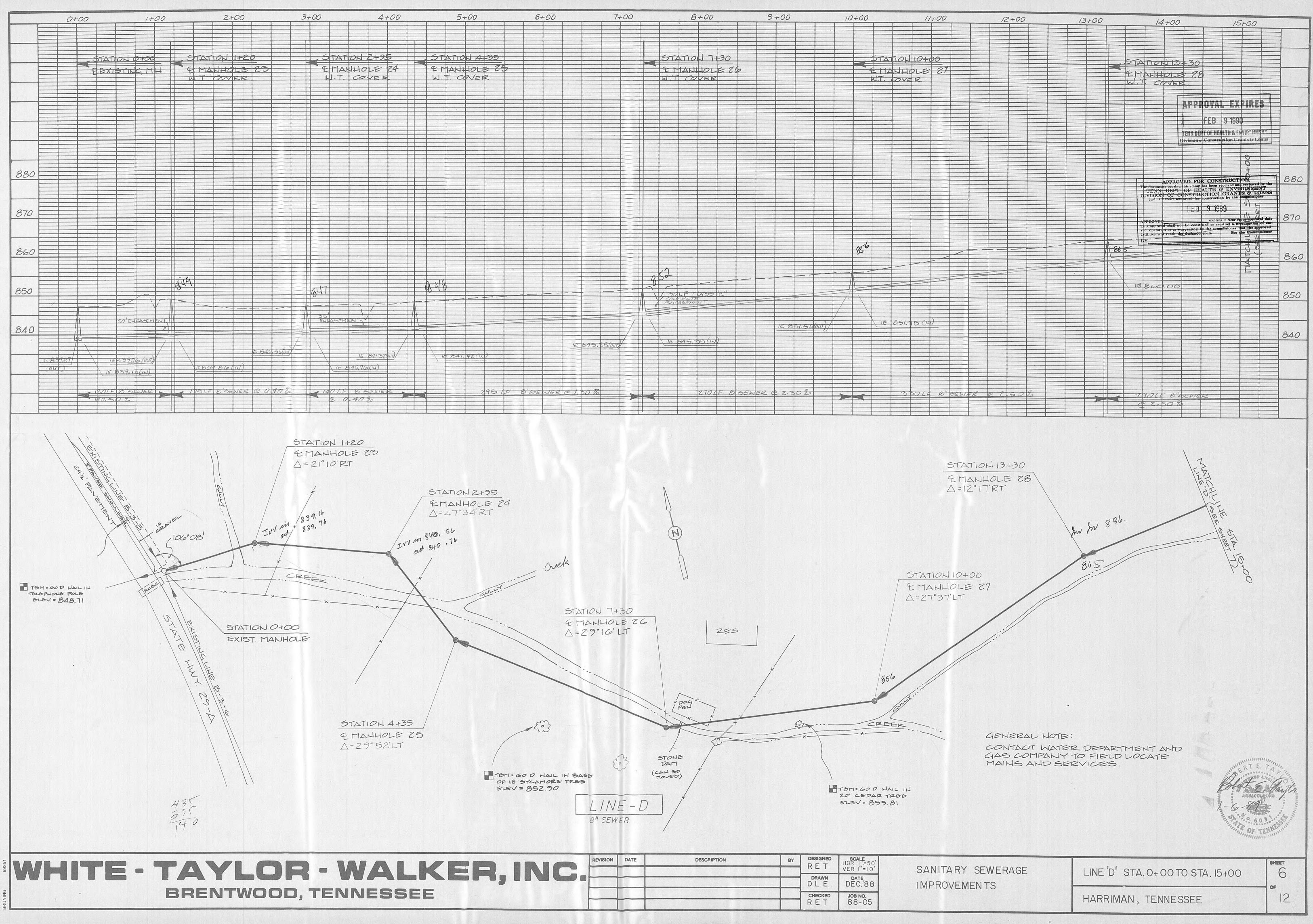
GENERAL NOTE: CONTACT WATER DEPARTMENT AND GAS COMPANY TO FIELD LOCATE TE MAINS AND SERVICES.

SANITARY SEWERAGE

LINE "C" STA. 0+00 TO STA. 3+00 E.O.L. 5

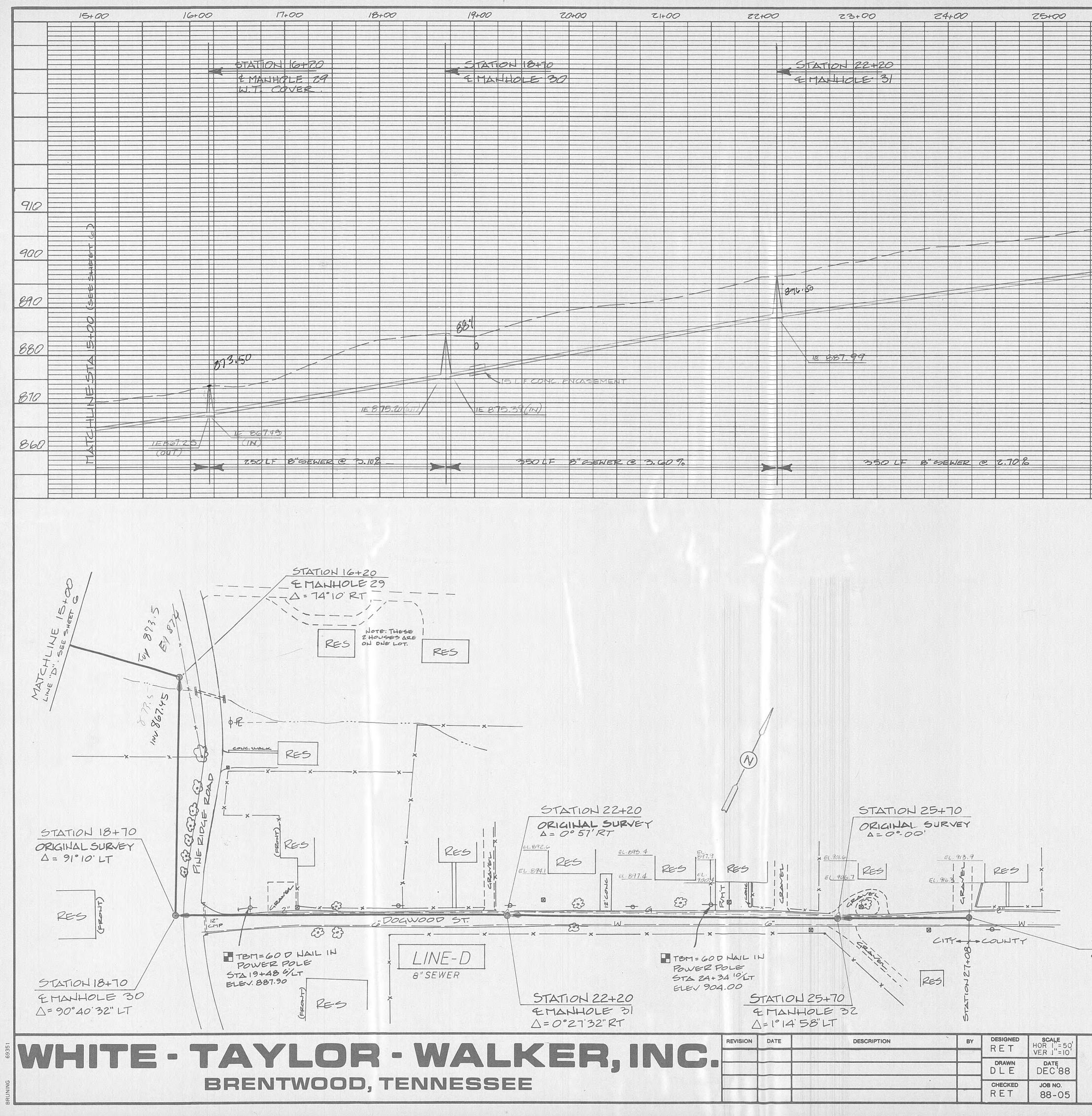
HARRIMAN, TENNESSEE.

5 12



	5-	+00			6-	+00			7.	+00	Ĩ.		8	+00			9	+00			10	+00	
51	ATIO	44	-35									STA	TIO	17-	30								STAT
13	TANH T. C	HOL	2 2!	5				•				21	IAN	HOL	E 20	6							MA
		rver						2					a	VER									U.T.
									+														
												1											
										7.2												856	
								Note and															
h											9	SZ-											
0 019	9										17	1.30	LEC	LA 55	''								
												ENC	ASEHE	NT -							`		
										1	T							IE Q	5150	(aug) /	/		IE
																			51.56				
$\land$							IE	845,	25 COUT			LE	945.3	55 (in									
	E 841.	42.(14	2								X												Net State
		2	951	Ţ=	8'6E	WER	01.	30 %	1	~				2101	F8	BEN	EK C	2 2.7	02		~		
													•0										

	REVISION	DATE	DESCRIPTION	BY	DESIGNED RET	SCALE HOR 1 =50	
_KER, ING.					DRAWN DLE	DEC.88	
SEE					checked R E T	<b>JOB NO.</b> 88-05	



		20+00			21+00	22+00	2	23+	00	24+00		25+00		26	+00		27+00	1	28+00			
OHI		- Active set in the set of the set of the					NAME OF TAXABLE PARTY.	TATION 2	and the second						TATI	24 25+7	0			Image: second		
HOL	E	30					É	MAHHOL	E 31					4	MAI	HOLE	32			O         Contraction         Con		
					le se vers de la San Ale. Recenter de la San Alexander Recenter de la San Alexander																	
															CTAT	101127+			Land Radia Radia Angles Land Radia Radia Landra Radia Radi	ADDDOVAL	EVDIDEO	= 93
														in al in contrast.			and the second s	<b>C</b>		APPROVAL	EAPIRES	
																HHOLE	the sum and the second second			FEB	1990 '	
															ENP	OFLINE					1 1	
																				TENN DEPT OF HEAL Division of Construct	ion Grants & Loans	= 92
																		1/1				
																		916				
																	-11					_
																				APPROVED FOR CO	NSTRUCTION	= 91
																	AT			APPROVED FOR CO The document bearing this stamp has bee TENN, DEPT OF HEALTH DIVISION OF CONSTRUCTIO and is hereby approved for constru-	A received and reviewed by t	the
													-+-	906	.75		Å			DIVISION OF CONSTRUCTIO	GRANTS & LOAN	NS
	·																			FEB 9	989	
									/							1E 910.0				APPROVED exp	ires 1 year from approval di	ste 90
																				APPROVED exp This approval shall not be construed as rect operation or as waryanting by the co- facilities will reach the designed goals.	missioner that the approve	ed
																				BY	For the Commission	
							8916.	50						+	IE BY	.44						
			-																			= 89
																						<u> </u>
				-																		曰
								IE 887.9	7													- 88
-																						
15 LE	CON	YC. ENCASE	MEN	T																		_
6-201	( )																					
5.39(																						
			-													-						
39	504	F 8"65	WER	C'	3.60%				350 L	F B" OEWER	e	2.70%			the second secon	8"GENER						
															9. 9.	0%						
							•						1.									

GENERAL NOTE CONTACT WATER DEPARTMENT AND GAS COMPANY TO FIELD LOCATE MAINS AND SERVICES.

STATION 27+08 EMANHOLE 33 ENDOFLINE



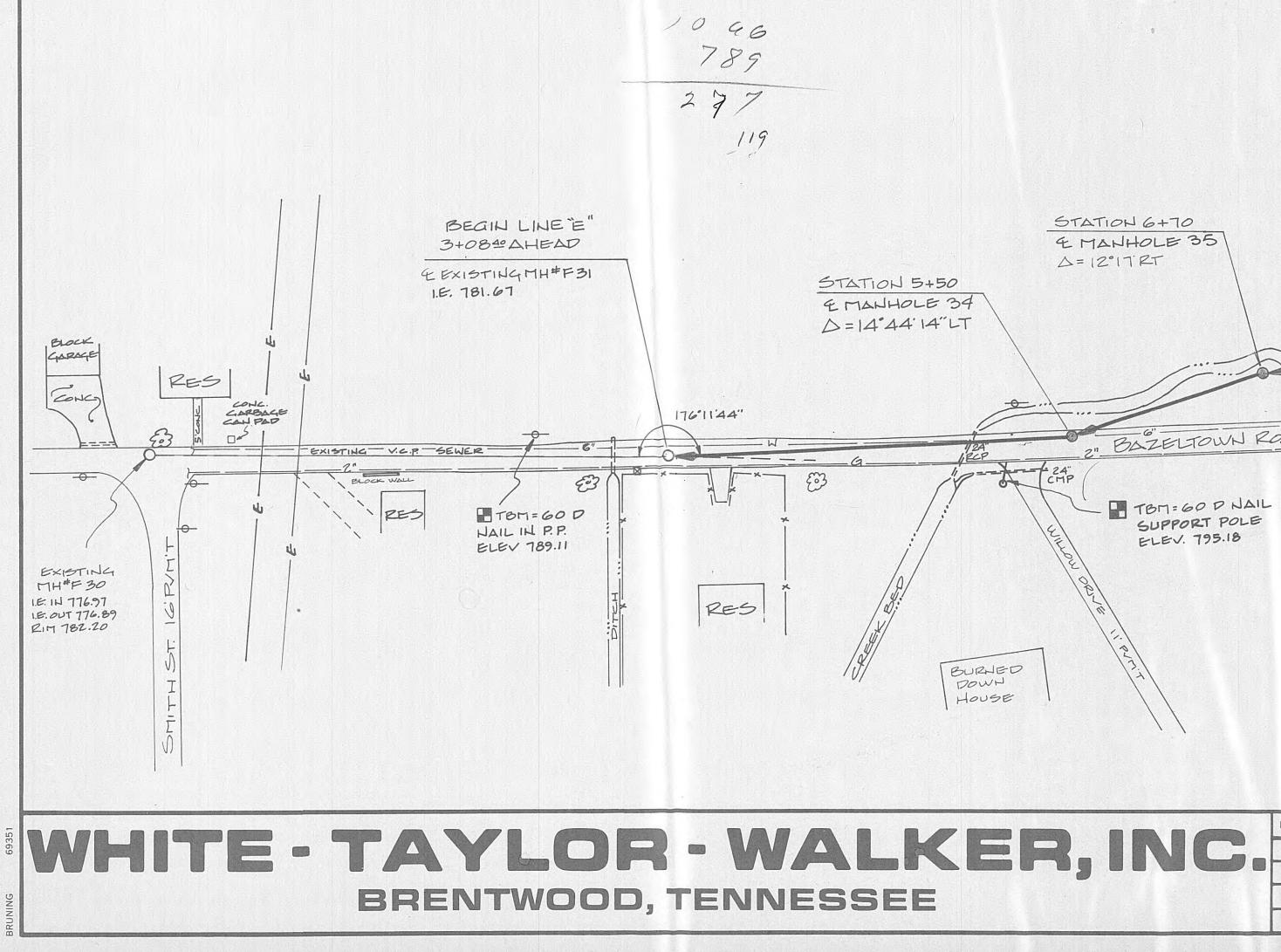
SANITARY SEWERAGE IMPROVEMENTS

SHEET LINE "D" STA. 15+00 TO STA. 27+08EQL.

HARRIMAN, TENNESSEE.

12

				5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00
		La constante la const la constante la const la constante la const la constante la const la constante la const					Image: second			Image: second	Andrew Constant Constant Andrew Constant Andre
		STATION EQ			Andreas Antonio Contra		Image: second	1         1		Local         Restance         Mathematical         Restance           Non-         Ros	
		STA 0+00 8			STATION 5+50	STATION	6+70 57	AT10H8+30	Image: Second se second second sec	STATIONIO	+65
		E EXISTING	MANHOLE	Image: state		4 E MAHHO		ANHOLE 36		ETANHOL	
					Image: Strategy of the		Image: state         Image: state<	Image:		Billion         Constraint         Constraint         Constraint           Constraint         Constraint         Constraint         Constraint         Constraint           Constraint         Constraint         Constraint         Constraint         Constraint         Constraint           Constraint         Constraint         Constraint         Constraint         Constraint         Constraint           Constraint         Constraint         Constraint         Constraint         Constraint         Constraint	
Company         Description         Provide         Provide           Company         Company         Company         Company         Company           Company         Company         Company         Company         Company         Company		Image: Second se Second second sec				Image: Second se second second sec	Interface         Interface <thinterface< th=""> <thinterface< th=""> <thi< td=""><td>STATION 9.</td><td></td><td>State     State     State     State       State     State     State     State       State     State     State     State       State     State     State     State       State     State     State     State</td><td></td></thi<></thinterface<></thinterface<>	STATION 9.		State     State     State     State	
					1         1		Constant Con	EMANHOL	-E 37		
		Image: Second state			Image: Section of the sectio		Enderson Barrier B Barrier Barrier Bar	La service de la		No.01         No.01 <th< td=""><td></td></th<>	
							Constraint         Constra			Image: Second	
		D Data Control			Provincial         Provinc						
										822	
					Image: second			1         1	617.5		
		Image: state			Image: Second			1         1			
		0 (1997)									
							6,69				
									18 817.14	IE BIZ 24 (IN)	
						9,00			(out)	1 1 1 1 1 1 1 1 1 1 1 1 1 1	
							25'EACASEMEUT	45' ENCABEMENT			
					1994	III CO		ENCADEMICH I		Sector         Restance         Restance <threstance< th="">         Restance         <t< td=""><td></td></t<></threstance<>	
		Image: state					167	97.09			
				ENERSC MENT			Image: state	District (1)         District (1)<		Land         Land <thland< th="">         Land         Land         <thl< td=""><td></td></thl<></thland<>	
				Eleance Ment	IE 197.10 (CUT)		Science         Science         Science         Science           Science         Science         Science         Science         Science	Image: state			
		and a second sec		IE 785.62/	1E 786,96 (IN)			Image: state         Image: state<			
		741.6 F B"	SEWER @ 1.0		ROLF 8"GEWER	160 LF 8	S'GEILLER 10	51F 8"GEWER	TOLF B"SEL	JER 32	DLA B'GEWE
	181.67 /				C 4, 30%	C1.90%		@ 7.302	@ 4.30%		
										NATCHILINE SHEE	14-11-80
				10 q 78; 277	9					TCHLINE SHEE	12 11+80 12 EE
RES		ВЕСЛИ 3+0840. 4 EXISTIN 1.E. 781.6		78;	9	€r ∆= E34	ATION G+TO TANHOLE 35 I2°IT RT	STATION & Emanhua A=19°16 L	DLE 36	MATCHUME SHEE	
RES E	The second se	3+0840 € EXISTIN I.E. 781.6-	AHEAD GMH#F31 1	78;	9 19 <u>STATION 5</u> EMANHOL D=14°44'1	€ r △= +50 E 34 4"LT 	TANHOLE 35 12°17 RT	£ ΜΑΝΗΟ Δ=19°16 L	DLE 36 T	RES .	The Present of the Pr
NG RES		3+0840 E EXISTIN I.E. 781.6 V.C.P. SEWER V.C.P. SEWER TE NAIL	4HEAD 4HH#F31	78;	$\frac{5}{19}$ $\frac{5}{19}$ $\frac{5}{10N} \frac{5}{5}$ $\frac{5}{10N} \frac{5}{10N}$ $\frac{5}{10N} \frac{5}{10N}$ $\frac{5}{10N} \frac{5}{10N}$ $\frac{1}{10N}$ $\frac{1}{10N}$	€ r △= +50 E 34 A"LT	TANHOLE 35 12°17 RT	E MANHO D=19°16 L Toto PAM'T VARA	DLE 36 T	RES * CHUNESWER * RES * * Cario (1)	TATE MAN



DESIGNED SCALE HOR |"=50' VER 1"≓10 REVISION DATE DESCRIPTION BY DRAWN DLE DEC 88 CHECKED RET **JOB NO.** 88-05

