

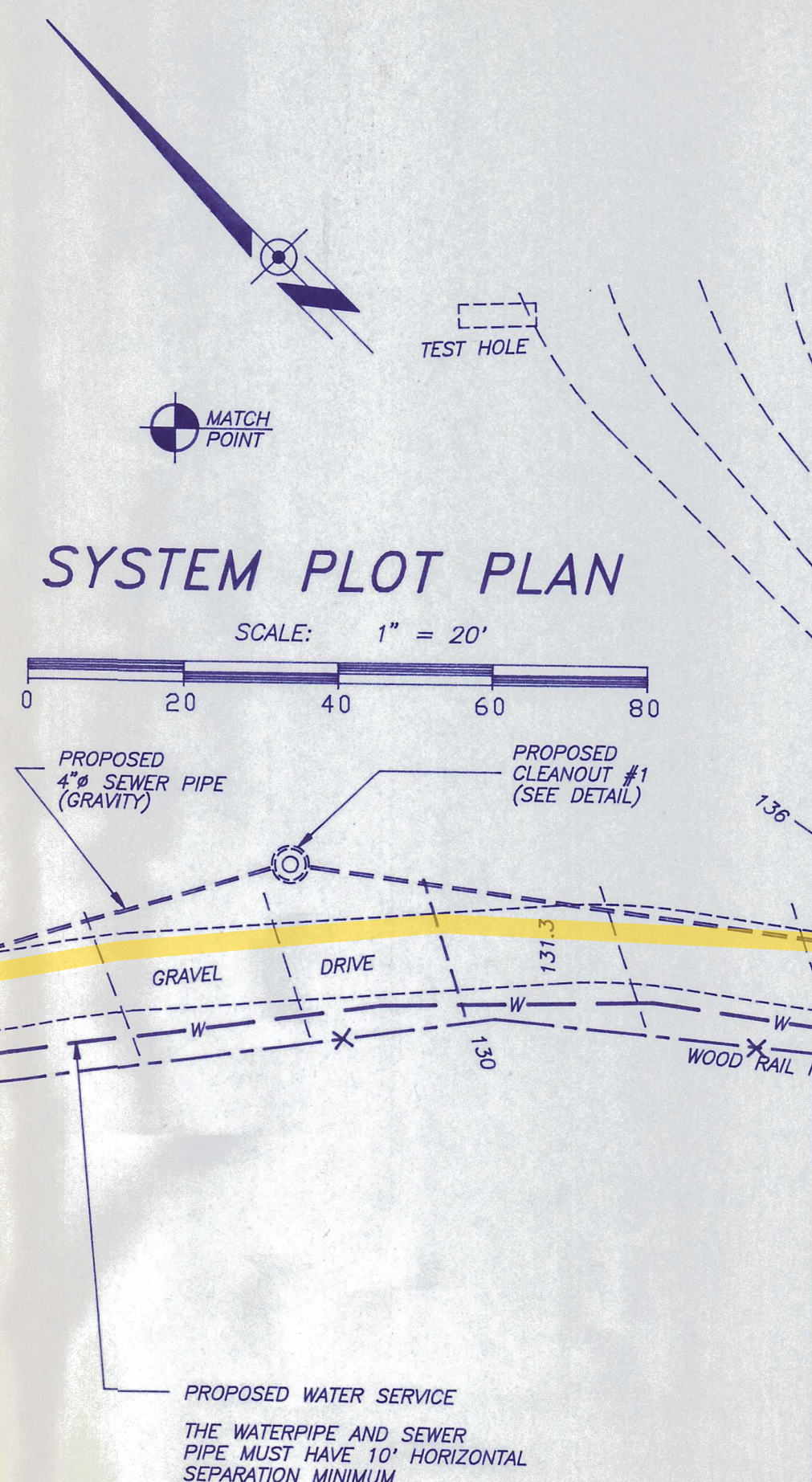
TEST PIT NO. 18A

DEPTH	SOIL DESCRIPTION	ELEVATION
0		95.0
12"	TOPSOIL & SUBSOIL	
24"	LOAMY SAND	
36"		92.0
48"	SANDY GRAVEL	
60"	LOOSE PACKED	
72"		
84"		
96"		
108"		
120"		
132"	NOT REFUSAL	84.5

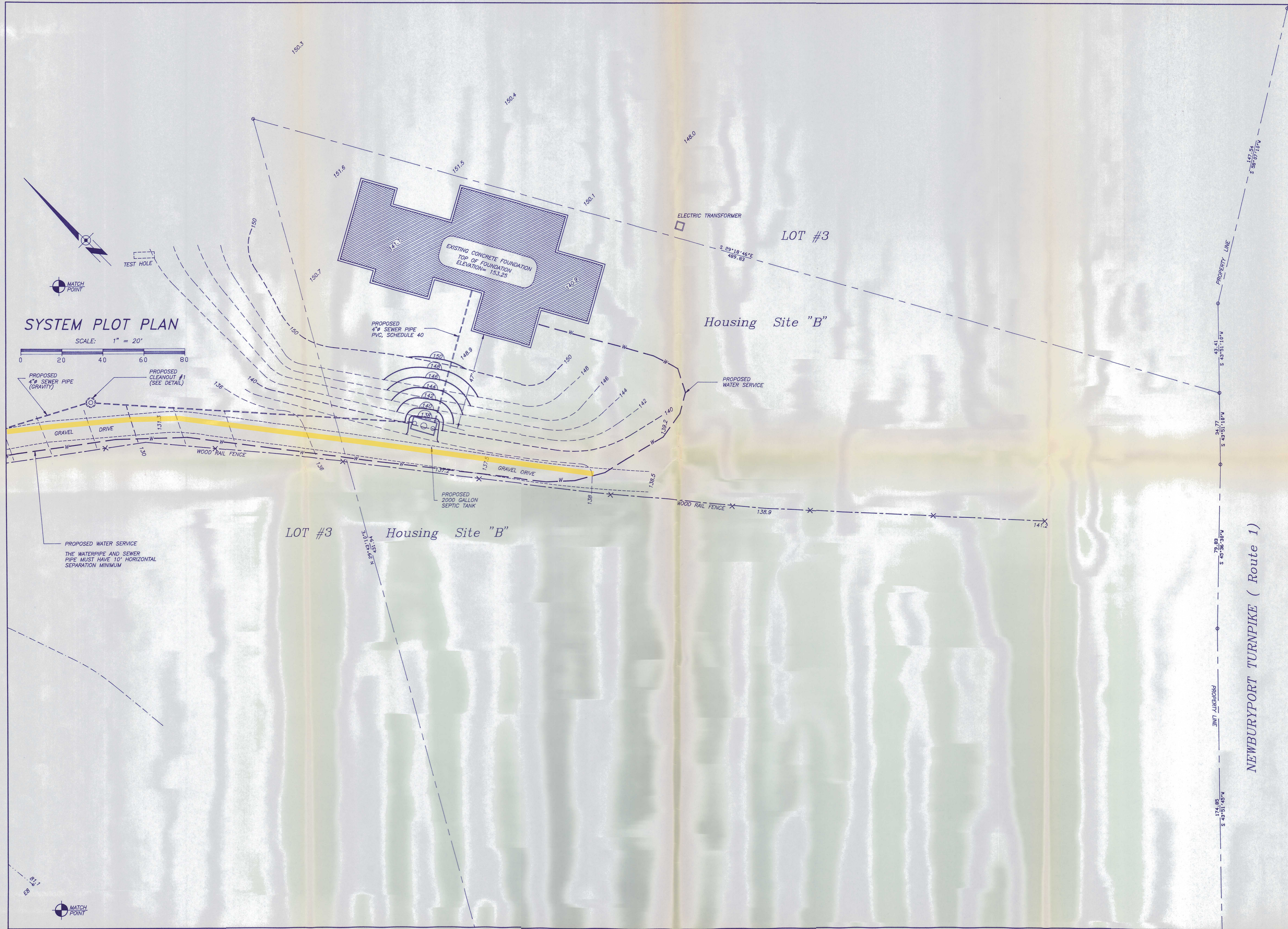
TEST PIT NO. 18B

DEPTH	SOIL DESCRIPTION	ELEVATION
0		
12"	TOPSOIL & SUBSOIL	
24"		
36"		
48"	BONEY GRAVEL W/ COBBLES	
60"		
72"		
84"		
96"		
108"		
120"	NOT REFUSAL	
132"	SOIL GOOD TO 45' SOUTH OF MW-18	

NOTE: A 6" DEEP POCKET OF FINE SILTY SAND IS TO BE REMOVED BETWEEN TP18A & TP18B

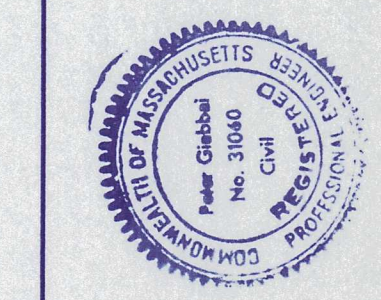


TOWN OF TOPSFIELD, MASSACHUSETTS		OWNER		AL FESTA 42 BOSTON STREET		PETER GIABBAL, P.E. PROFESSIONAL CIVIL ENGINEER MASS. REGISTRATION NO. 31060		4	
SANITARY DISPOSAL SYSTEM PLAN		ENGINEER		JA-BY ENGINEERING, INC. 383 Boston Street, Topsfield, Massachusetts				3	
								2	
								1	
						No. 1. DATE		DESCRIPTION	
						DATE 4/17/95		REVISION	
						DATE: 5/12/95		DRAWN BY: P. GIABBAL	
						PLAN No. 649		SHEET 3 OF 8	



NEWBURYPORT TURNPIKE (Route 1)

TOWN OF TOPSFIELD, MASSACHUSETTS	OWNER	AL FESTA 42 BOSTON STREET	ENGINEER	JA-BY ENGINEERING, INC. 363 Boston Street, Topsfield, Massachusetts	REVISION	4	
						3	
						2	
						1	5/30/95
SANITARY DISPOSAL SYSTEM PLAN	DATE	4/17/95	DRAWN BY: P. GIABBAI	SHEET	4	PLAN NO. 649	
						DATE 4/17/95	
						DATE 5/30/95	
						DATE 5/30/95	



PETER GIABBAI, P.E.
PROFESSIONAL CIVIL ENGINEER
MASS. REGISTRATION NO. 31040
Peter Giabbai
DATE: 5/30/95