

**WATER DISTRIBUTION SYSTEM
THE WATERFRONT
RESIDENTIAL ADDITION**

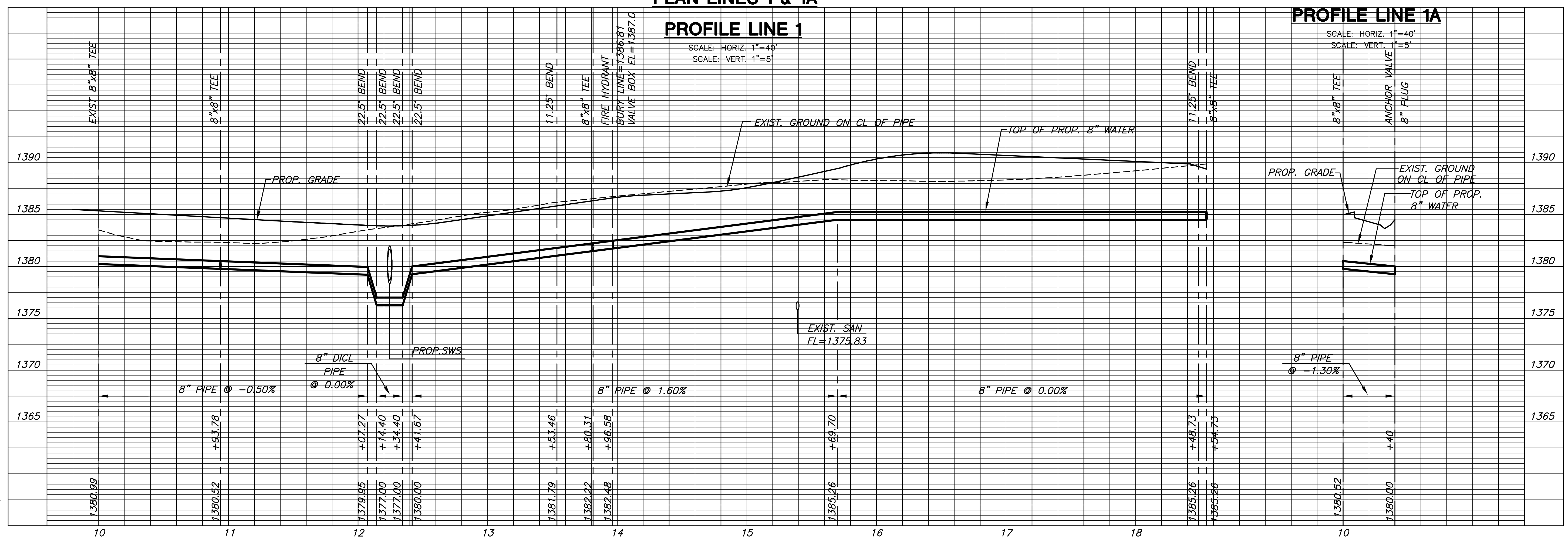
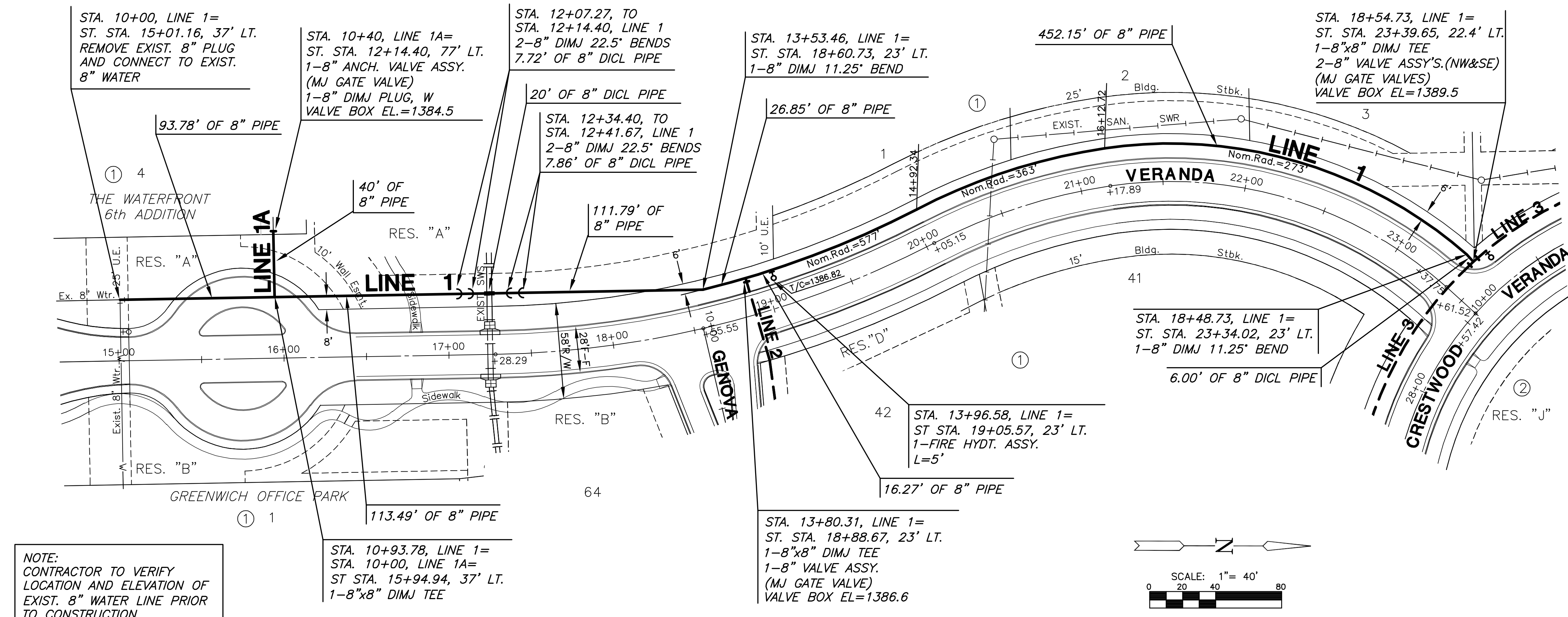
LINES 1 & 1A
SHEET TITLE
448-90329
PROJECT NUMBER

DFL
DESIGN BY
KKL
DRAWN BY
GJA
CHECKED BY

ISSUED
December 2007
REVISED

SHEET NO.
3 of 18

CURVE TABLES						
$\Delta = 13'47'28''$ R = 577.00' T = 69.78' L = 138.88' LC = 138.55'						
CURVE DATA BASED ON WATERLINE $\Delta/2 = 06'53'44''$						
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION	
		6'LT Offset	6'RT Offset			
13+53.46	-	-	-	00°00'00"	00°00'00"	
13+75.00	21.54'	21.31'	-	01°04'10"	01°04'10"	
13+80.31	5.31'	5.25'	-	00°15'49"	01°19'59"	
13+95.58	16.27'	16.10'	-	00°48'28"	02°08'27"	
14+00.00	3.42'	3.38'	-	00°10'11"	02°18'39"	
14+25.00	25.00'	24.74'	-	01°14'28"	03°33'07"	
14+50.00	25.00'	24.74'	-	01°14'28"	04°47'35"	
14+75.00	25.00'	24.74'	-	01°14'28"	06°02'04"	
14+92.34	17.34'	17.16'	-	00°51'40"	06°53'44"	
Def/Ft = 2.97898 Min.						
$\Delta = 18'59'59''$ R = 363.00' T = 60.74' L = 120.37' LC = 119.82'						
CURVE DATA BASED ON WATERLINE $\Delta/2 = 09'29'59''$						
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION	
		6'LT Offset	6'RT Offset			
14+92.34	-	-	-	00°00'00"	00°00'00"	
15+00.00	7.86'	7.79'	-	00°36'18"	00°36'18"	
15+25.00	25.00'	25.41'	-	01°58'23"	02°34'39"	
15+50.00	25.00'	25.41'	-	01°58'23"	04°33'02"	
15+75.00	25.00'	25.41'	-	01°58'23"	06°31'25"	
16+00.00	25.00'	25.41'	-	01°58'23"	08°29'47"	
16+12.72	12.72'	12.92'	-	01°00'12"	09°29'59"	
Def/Ft = 4.73519 Min.						
$\Delta = 49'31'59''$ R = 273.00' T = 125.95' L = 236.01' LC = 228.73'						
CURVE DATA BASED ON WATERLINE $\Delta/2 = 24'46'00''$						
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION	
		6'LT Offset	6'RT Offset			
16+12.72	-	-	-	00°00'00"	00°00'00"	
16+25.00	12.28'	12.55'	-	01°17'19"	01°17'19"	
16+50.00	25.00'	25.54'	-	02°37'24"	03°54'43"	
16+75.00	25.00'	25.54'	-	02°37'24"	06°32'08"	
17+00.00	25.00'	25.54'	-	02°37'24"	09°09'32"	
17+25.00	25.00'	25.54'	-	02°37'24"	11°46'57"	
17+50.00	25.00'	25.54'	-	02°37'24"	14°24'21"	
17+75.00	25.00'	25.54'	-	02°37'24"	17°01'45"	
18+00.00	25.00'	25.54'	-	02°37'24"	19°39'10"	
18+25.00	25.00'	25.54'	-	02°37'24"	22°16'34"	
18+48.73	23.73'	24.25'	-	02°29'26"	24°45'59"	
Def/Ft = 6.29624 Min.						



PLOTTED: Wednesday, December 05, 2007 @ 06:09AM
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