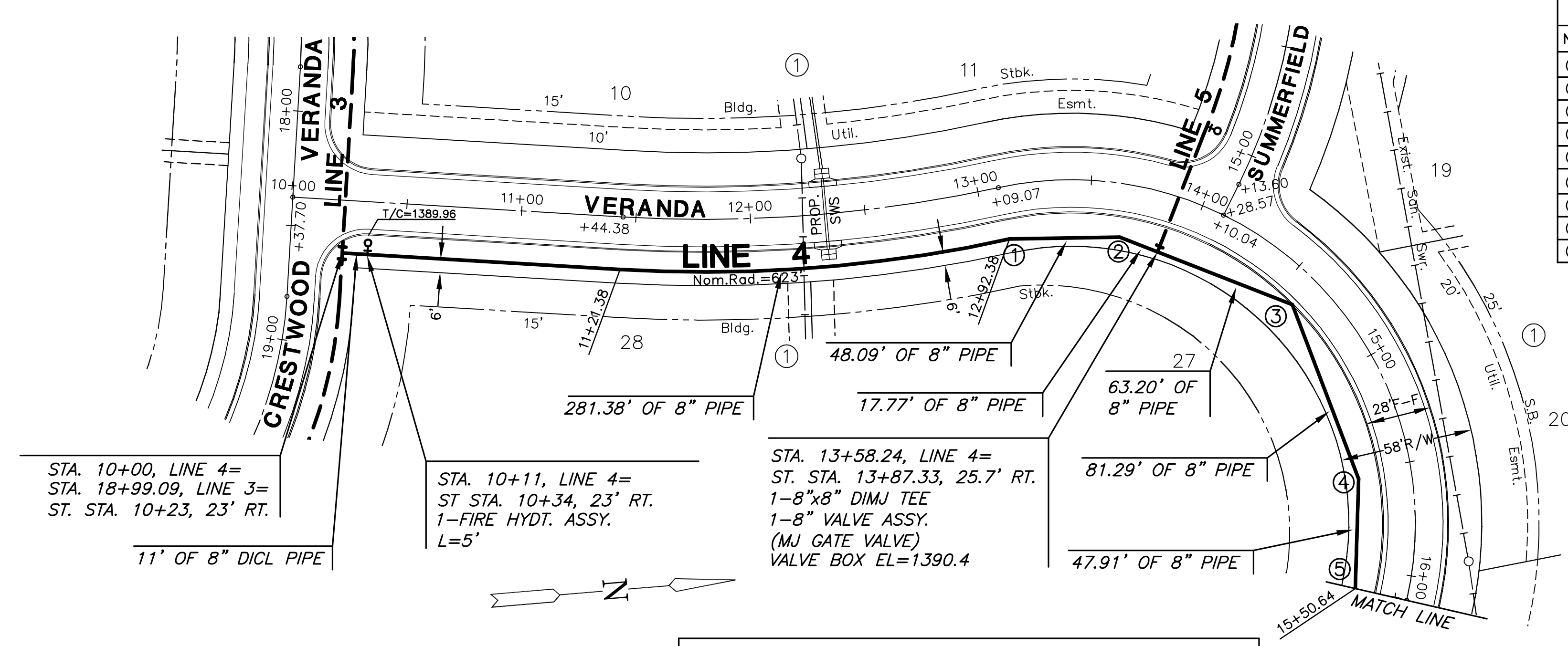
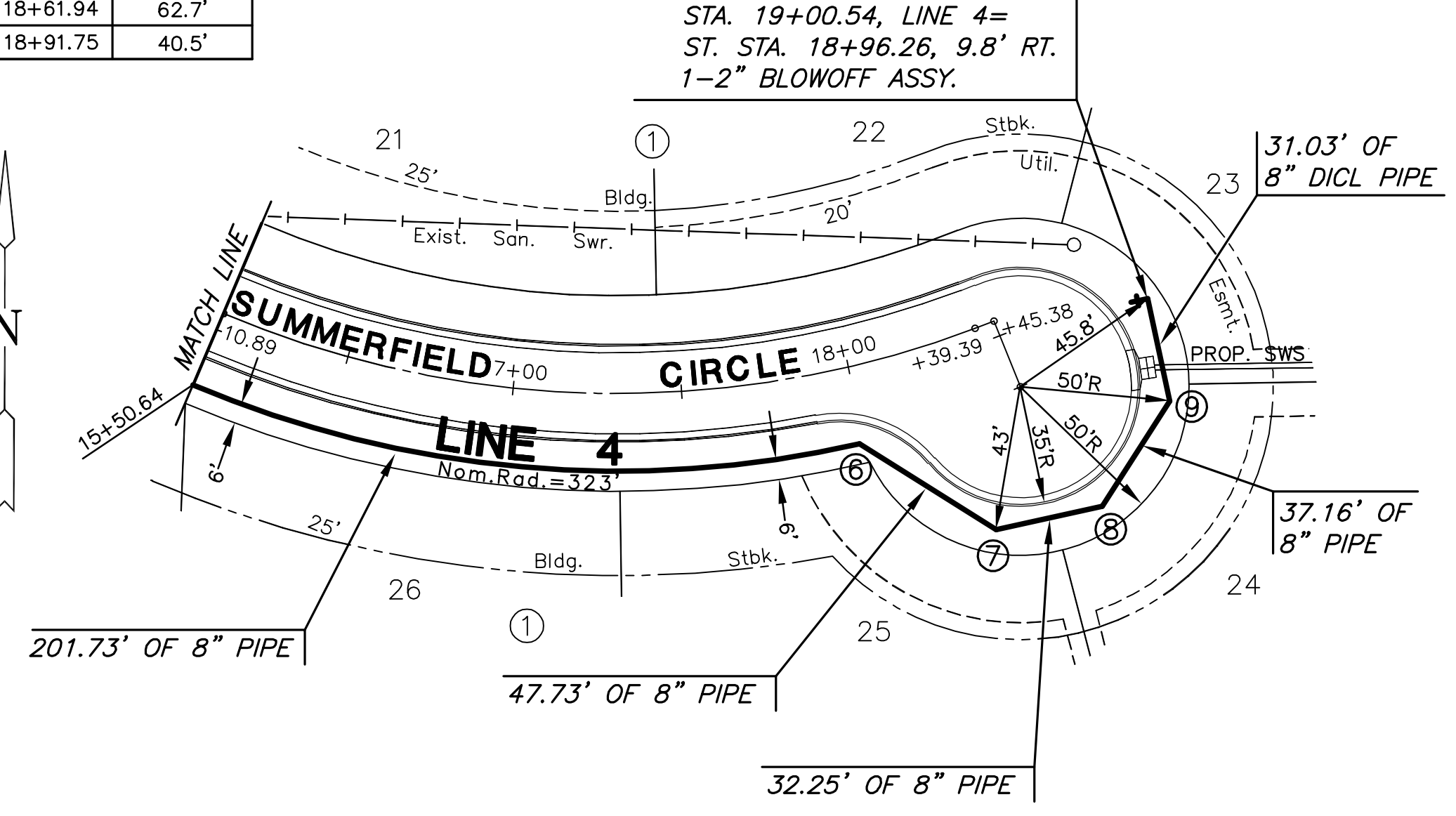


**WATER DISTRIBUTION SYSTEM  
THE WATERFRONT  
RESIDENTIAL ADDITION**



NO.	8" BEND	STA.	BL. STA.	OFFSET, RT.
1	11.25'	12+92.38	13+09.04	23.0'
2	22.5'	13+40.47	13+66.27	23.3'
3	45'	14+21.44	14+59.88	14.4'
4	22.5'	15+02.73	15+53.89	23.3'
5	11.25'	15+50.64	16+10.89	23.0'
6	45'	17+52.37	17+98.25	23.0'
7	45'	18+00.10	18+26.54	58.4'
8	45'	18+32.35	18+61.94	62.7'
9	45'	18+69.51	18+91.75	40.5'

STA. 19+00.54, LINE 4 =  
ST. STA. 18+96.26, 9.8' RT.  
1-2" BLOWOFF ASSY.



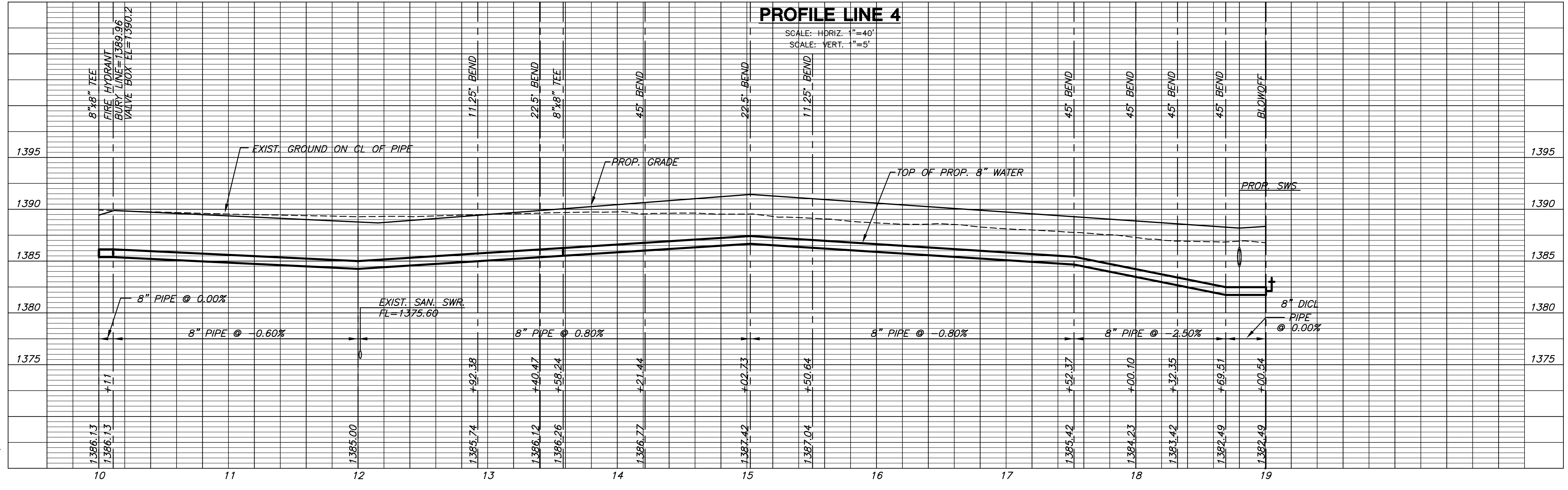
CURVE DATA BASED ON WATERLINE				
STATION	ARC	6'LT Offset	6'RT Offset	TOTAL DEFLECTION
11+21.38	-	-	-	00°00'00"
11+50.00	28.62'	28.89'	01°18'58"	01°18'58"
11+75.00	25.00'	25.24'	01°08'59"	02°27'56"
12+00.00	25.00'	25.24'	01°08'59"	03°36'55"
12+25.00	25.00'	25.24'	01°08'59"	04°45'53"
12+50.00	25.00'	25.24'	01°08'59"	05°54'52"
12+75.00	25.00'	25.24'	01°08'59"	07°03'50"
12+92.38	17.38'	17.55'	00°47'57"	07°51'47"

Def/Ft = 2.75903 Min.

CURVE DATA BASED ON WATERLINE				
STATION	ARC	6'LT Offset	6'RT Offset	TOTAL DEFLECTION
15+50.64	-	-	-	00°00'00"
15+75.00	24.36'	24.81'	02°09'38"	02°09'38"
16+00.00	25.00'	25.46'	02°13'02"	04°22'40"
16+25.00	25.00'	25.46'	02°13'02"	06°35'43"
16+50.00	25.00'	25.46'	02°13'02"	08°48'45"
16+75.00	25.00'	25.46'	02°13'02"	11°01'48"
17+00.00	25.00'	25.46'	02°13'02"	13°14'50"
17+25.00	25.00'	25.46'	02°13'02"	15°27'52"
17+50.00	25.00'	25.46'	02°13'02"	17°40'54"
17+52.37	2.37'	2.41'	00°12'36"	17°53'30"

Def/Ft = 5.32159 Min.

**PLAN LINE 4**



**PROFILE LINE 4**

**LINE 4**  
SHEET TITLE  
448-90329  
PROJECT NUMBER

DFL  
DESIGN BY  
KKL  
DRAWN BY  
GJA  
CHECKED BY

ISSUED  
December 2007  
REVISED

SHEET NO.  
**8 of 18**

PLOTTED: Tuesday, December 04, 2007 @ 02:59PM

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