

WATER DISTRIBUTION SYSTEM PLANS  
**AVALON PARK 3RD**  
PHASE 2

**LINE 2**  
SHEET TITLE  
448-90076  
PROJECT NUMBER

DFL, JWC/KKL, GJA  
DESIGNED DRAWN CHECKED

ISSUED  
October 2010  
REVISED

SHEET NO.  
**4 of 12**

**CURVE TABLE**  
 $\Delta = 50^\circ 37' 46''$   $R = 173.00'$   $T = 81.83'$   $L = 152.87'$   $LC = 147.95'$   
 CURVE DATA BASED ON WATERLINE  $\Delta/2 = 25^\circ 18' 53''$

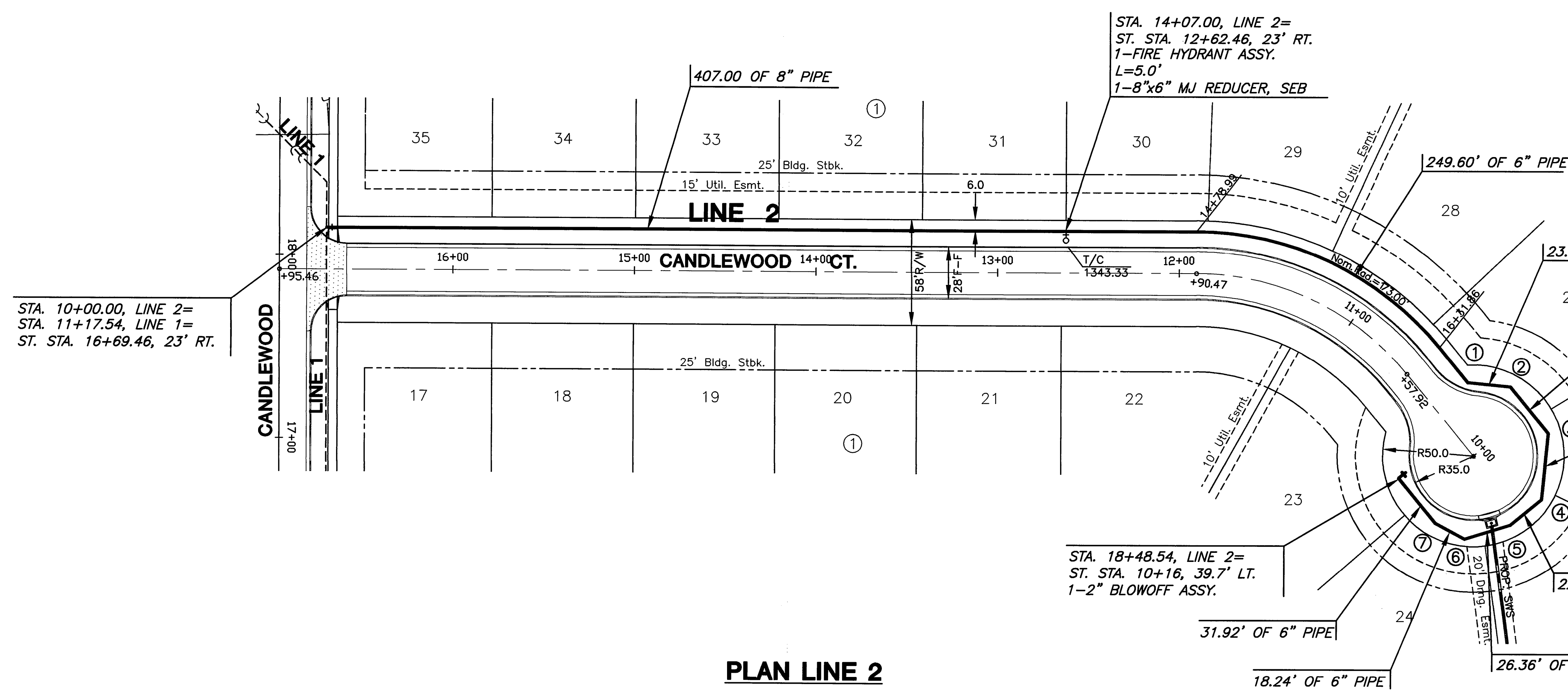
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		6' LT Offset	6' RT Offset		
14+78.99	-	-	-	00'00"00"	00'00"00"
15+00.00	21.01'	21.73'	-	03'28"45"	03'28"45"
15+25.00	25.00'	25.84'	-	04'08"24"	07'37"08"
15+50.00	29.00'	25.84'	-	04'08"24"	11'45'32"
15+75.00	25.00'	25.84'	-	04'08"24"	15'53'56"
16+00.00	25.00'	25.84'	-	04'08"24"	20'02'19"
16+25.00	25.00'	25.84'	-	04'08"24"	24'10'43"
16+51.86	6.86'	7.10'	-	01'08"10"	25'18'53"

Def/Ft = 9.93568 Min.

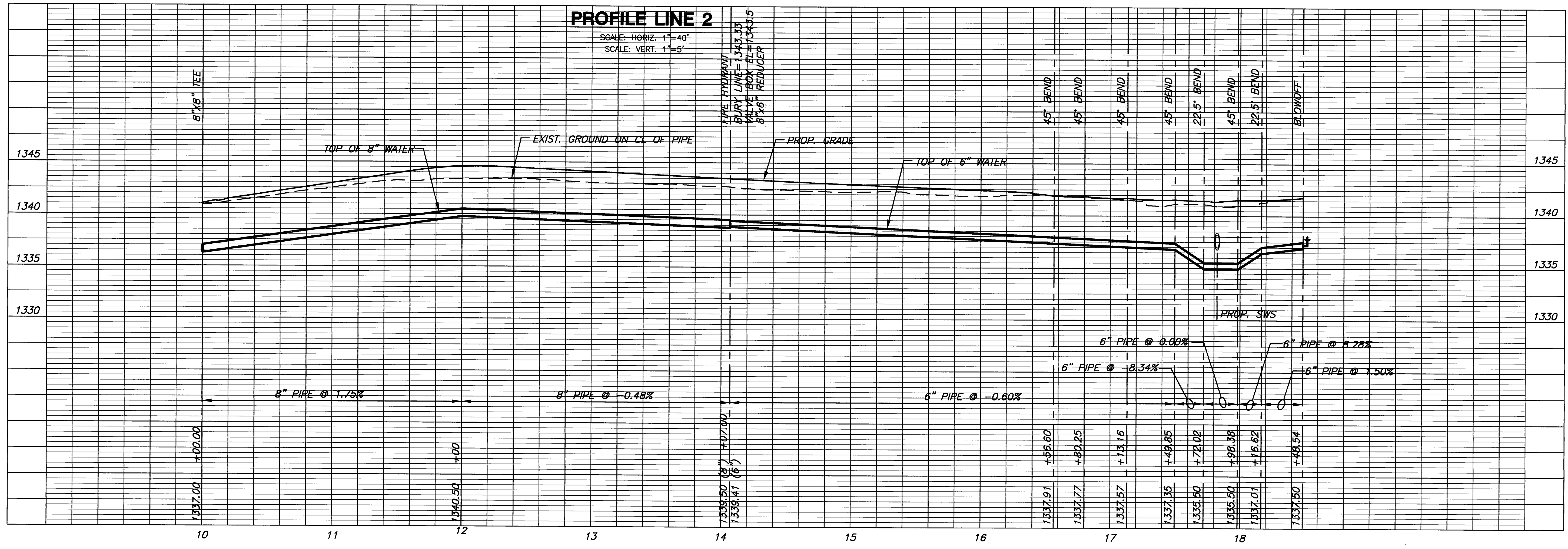


**BEND CHART**

NO.	6" BEND	STA.	BL. STA.	OFFSET
①	45°	16+56.60	10+33.18	23' RT.
②	45°	16+80.25	10+16.45	39.7' RT.
③	45°	17+13.16	9+83.54	45.6' RT.
④	45°	17+49.85	9+57.60	13.8' RT.
⑤	22.5°	17+72.02	9+57.60	8.4' LT.
⑥	45°	17+98.38	9+67.69	32.8' LT.
⑦	22.5°	18+16.62	9+84.54	39.7' LT.



**PROFILE LINE 2**



PLOTED: Wednesday, October 13, 2010 @ 08:22AM

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