

**WATER DISTRIBUTION PLANS FOR
FOX RIDGE ADDITION
PHASE 14**

LINES 3 & 5
SHEET TITLE
448-89839
PROJECT NUMBER

DESIGNED: DFL, JWC, GJA
DRAWN: DFL, JWC, GJA
CHECKED: DFL, JWC, GJA

ISSUED: July 2011
REVISED:

SHEET NO. 5 of 13

BEND CHART

NO.	BENDS	LINE	STA.	BL STA.	OFFSET, RT.
①	11.25' (4")	5	10+05.00	10+21.35	39.7' RT.
②	45' (4")	5	10+61.14	10+77.48	39.7' RT.
③	45' (4")	5	10+94.05	11+00.76	16.5' RT.
④	45' (6")	3	15+09.49	5+14.06	23' RT.
⑤	45' (6")	3	15+32.10	5+29.68	39.3' RT.
⑥	45' (6")	3	15+65.01	5+62.59	39.8' RT.
⑦	45' (6")	3	15+97.92	5+86.38	16.9' RT.
⑧	45' (6")	3	16+30.83	5+87.12	15.9' LT.
⑨	45' (6")	3	16+63.74	5+64.37	39.6' LT.

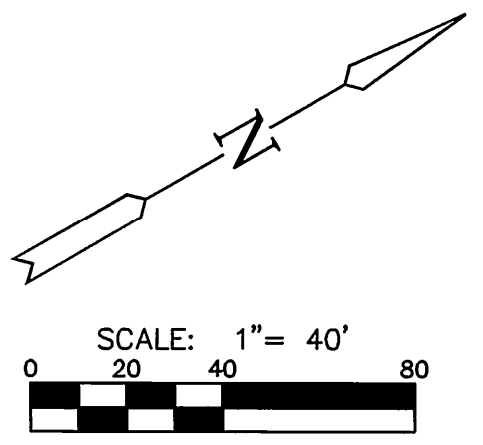
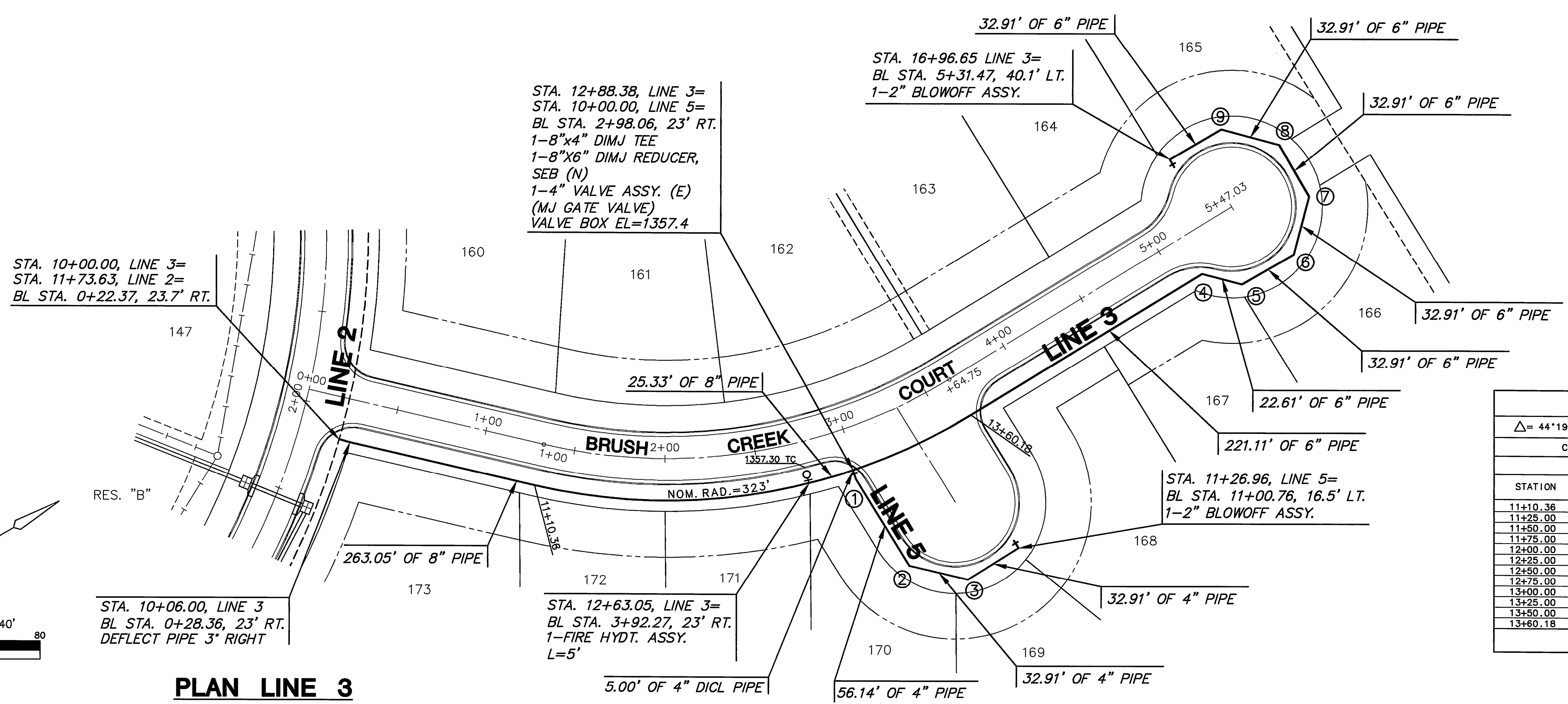
CURVE TABLE

$\Delta = 44^{\circ}19'00''$ R = 323.00' T = 131.54' L = 249.83' LC = 243.65'

CURVE DATA BASED ON WATERLINE $\Delta/2 = 22^{\circ}09'30''$

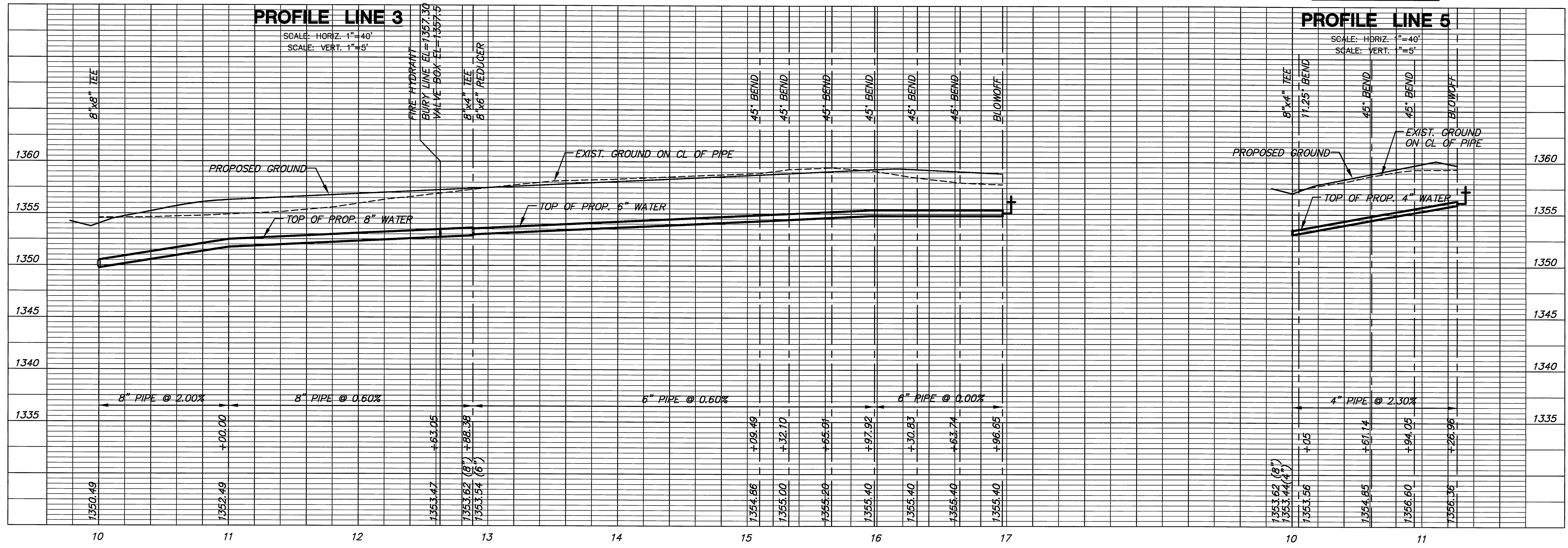
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		6' LT Offset	6' RT Offset		
11+10.36	-	-	-	00°00'00"	00°00'00"
11+25.00	14.64'	-	14.91'	01°17'54"	01°17'54"
11+50.00	25.00'	-	25.46'	02°13'02"	03°30'57"
11+75.00	25.00'	-	25.46'	02°13'02"	05°43'59"
12+00.00	25.00'	-	25.46'	02°13'02"	07°57'02"
12+25.00	25.00'	-	25.46'	02°13'02"	10°10'04"
12+50.00	25.00'	-	25.46'	02°13'02"	12°23'06"
12+75.00	25.00'	-	25.46'	02°13'02"	14°36'09"
13+00.00	25.00'	-	25.46'	02°13'02"	16°49'11"
13+25.00	25.00'	-	25.46'	02°13'02"	19°02'14"
13+50.00	25.00'	-	25.46'	02°13'02"	21°15'16"
13+50.18	10.18'	-	10.38'	00°54'14"	22°09'30"

Def/Ft = 5.32159 Min.



PLAN LINE 3

PLAN LINE 5



PROFILE LINE 3

PROFILE LINE 5

PLOTED: Wednesday, July 20, 2011 @ 10:10AM

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