

BEND CHART				
NO.	8" BEND	STA.	BL. STA.	ACTUAL DEFLECTION
①	45°	16+42.09	16+17.60	23.0' RT. 45'00"00"
②	45°	16+81.51	16+49.34	46.4' RT. 45'00"00"
③	45°	17+17.87	16+85.29	40.9' RT. 45'00"00"
④	45°	17+54.23	17+06.84	11.6' RT. 45'00"00"
⑤	45°	17+90.59	17+01.38	24.3' RT. 45'00"00"

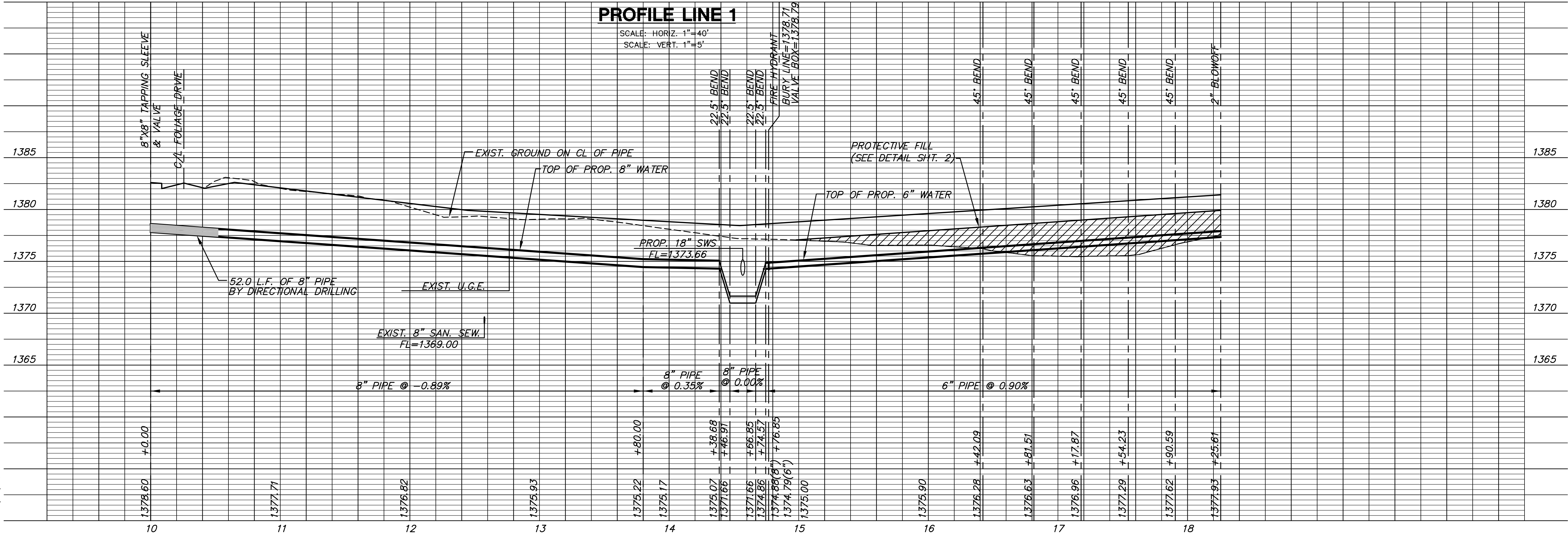
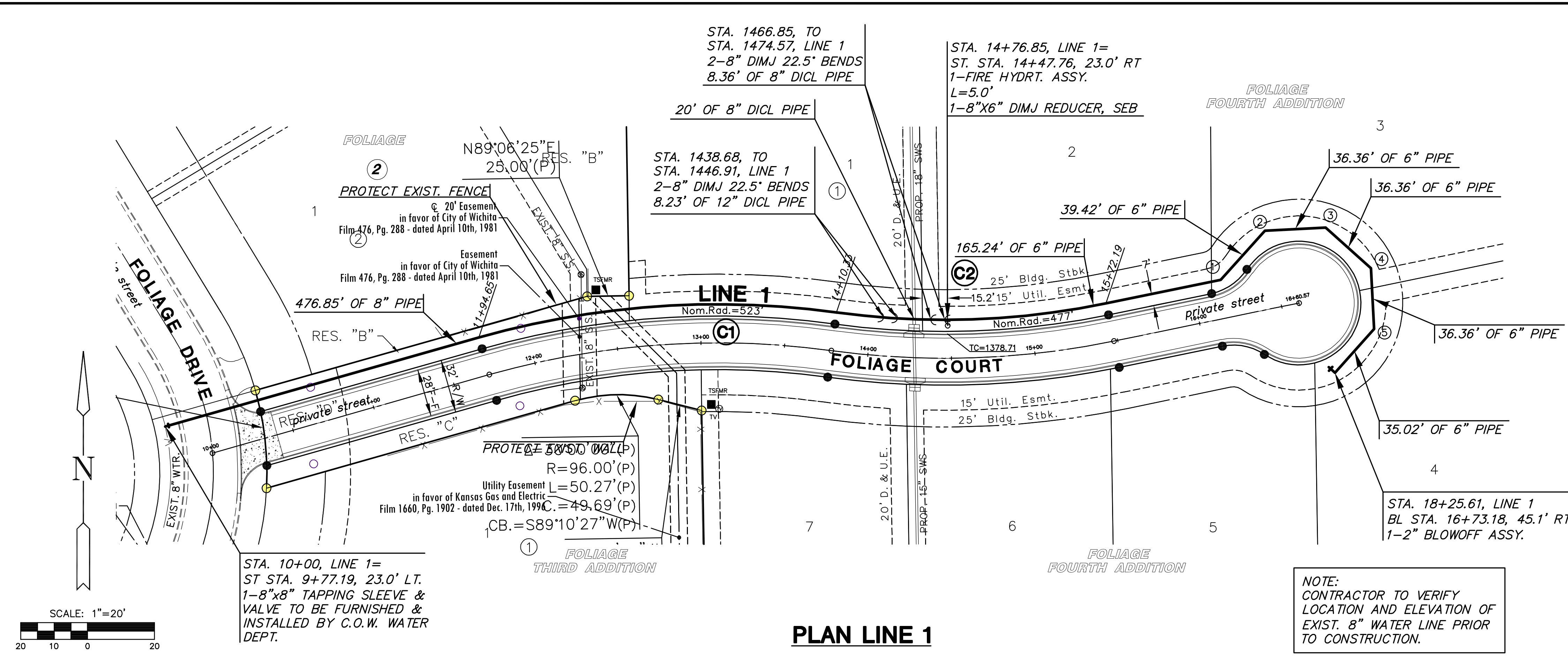
CURVE TABLE C1					
$\Delta = 23'37'42''$ R = 523.00' T = 109.40' L = 215.68' LC = 214.16'					
CURVE DATA BASED ON WATERLINE $\Delta/2 = 11'48'51''$					
STATION	ARC	8'LT Offset	8'RT Offset	DEFLECTION	TOTAL DEFLECTION
11+94.65	-	-	-	00'00"00"	00'00"00"
12+00.00	5.35'	5.43'	-	00'17'35"	00'17'35"
12+25.00	25.00'	25.38'	-	01'22'10"	01'39'45"
12+50.00	25.00'	25.38'	-	01'22'10"	03'01'55"
12+75.00	25.00'	25.38'	-	01'22'10"	04'24'05"
13+00.00	25.00'	25.38'	-	01'22'10"	05'46'14"
13+25.00	25.00'	25.38'	-	01'22'10"	07'08'24"
13+50.00	25.00'	25.38'	-	01'22'10"	08'30'34"
13+75.00	25.00'	25.38'	-	01'22'10"	09'52'44"
14+00.00	25.00'	25.38'	-	01'22'10"	11'14'54"
14+10.33	10.33'	10.49'	-	00'33'57"	11'48'51"

Def/Ft = 3.28656 Min.

CURVE TABLE C2					
$\Delta = 19'28'31''$ R = 477.00' T = 81.71' L = 161.86' LC = 161.08'					
CURVE DATA BASED ON WATERLINE $\Delta/2 = 09'43'16''$					
STATION	ARC	8'LT Offset	8'RT Offset	DEFLECTION	TOTAL DEFLECTION
14+40.33	-	-	-	00'00"00"	00'00"00"
14+50.00	9.67'	-	9.83'	00'34'51"	00'34'51"
14+75.00	25.00'	-	25.42'	01'30'05"	02'04'56"
15+00.00	25.00'	-	25.42'	01'30'05"	03'35'01"
15+25.00	25.00'	-	25.42'	01'30'05"	05'05'07"
15+50.00	25.00'	-	25.42'	01'30'05"	06'35'12"
15+75.00	25.00'	-	25.42'	01'30'05"	08'05'17"
16+00.00	25.00'	-	25.42'	01'30'05"	09'35'22"
16+02.19	2.19'	-	2.23'	00'07'53"	09'43'15"

Def/Ft = 3.60351 Min.

NOTE:
CONTRACTOR TO VERIFY
LOCATION AND ELEVATION OF
EXIST. 8" WATER LINE PRIOR
TO CONSTRUCTION.



PLOTTED: Tuesday, May 20, 2008 @ 01:48PM

J:\CIVIL\04274\DWG\WTR\RESIDENTIAL\04274-C1.DWG

LINE 1
SHEET TITLE
PROJECT NUMBER
04274

DESIGN BY
SRS
DRAWN BY
JWC
CHECKED BY
DFL

ISSUED
May 2008
REVISED

SHEET NO.
3 of 10