

**WATER DISTRIBUTION SYSTEM
THE WATERFRONT
RESIDENTIAL ADDITION**

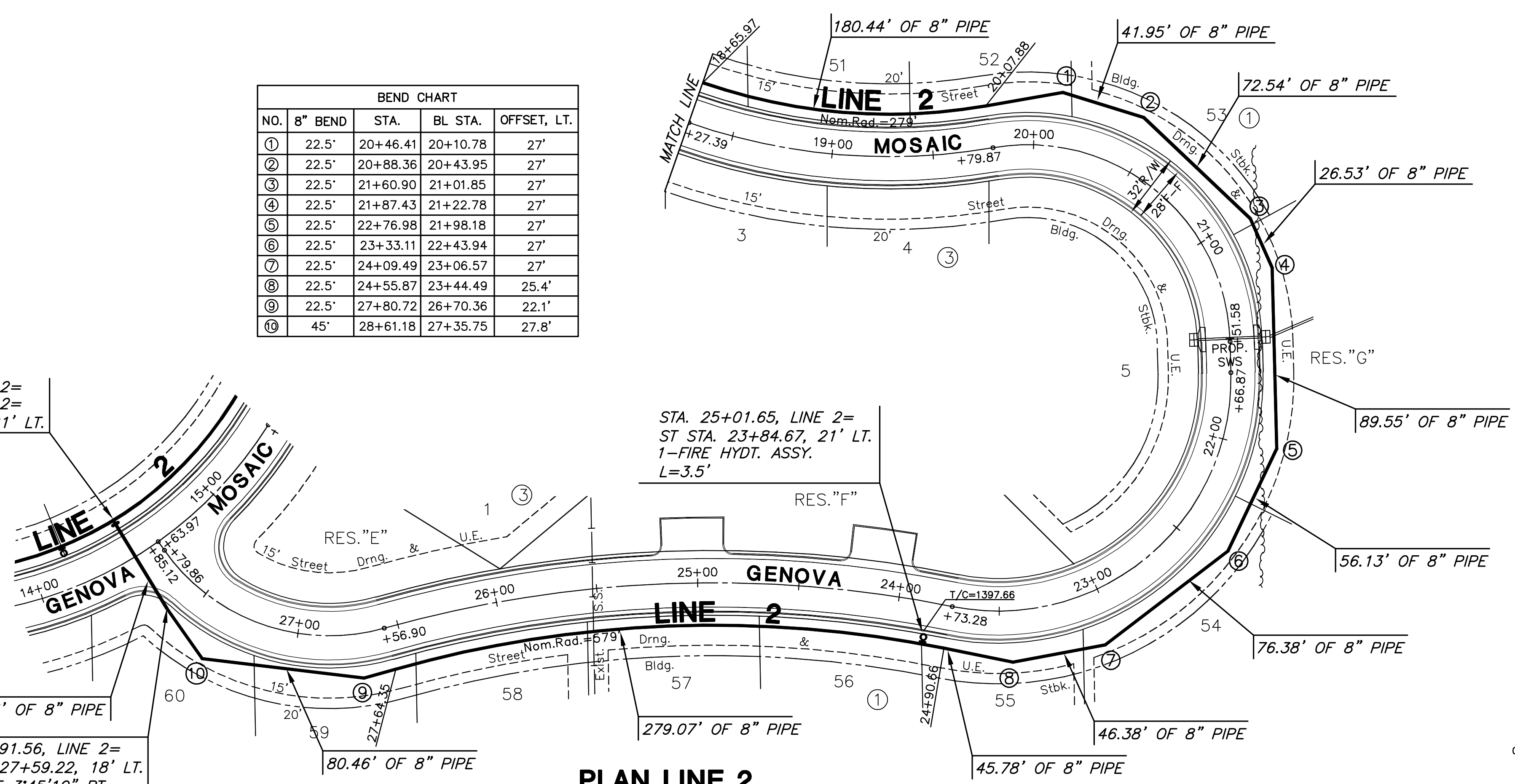
BEND CHART				
NO.	8" BEND	STA.	BL. STA.	OFFSET, LT.
1	22.5°	20+46.41	20+10.78	27'
2	22.5°	20+88.36	20+43.95	27'
3	22.5°	21+60.90	21+01.85	27'
4	22.5°	21+87.43	21+22.78	27'
5	22.5°	22+76.98	21+98.18	27'
6	22.5°	23+33.11	22+43.94	27'
7	22.5°	24+09.49	23+06.57	27'
8	22.5°	24+55.87	23+44.49	25.4'
9	22.5°	27+80.72	26+70.36	22.1'
10	45°	28+61.18	27+35.75	27.8'

CURVE TABLES					
$\Delta = 29^{\circ}08'32''$ R = 279.00' T = 72.52' L = 141.91' LC = 140.38'					
CURVE DATA BASED ON WATERLINE $\Delta/2 = 14^{\circ}34'16''$					
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		5'LT Offset	5'RT Offset		
18+65.97	-	-	-	00°00'00"	00°00'00"
18+75.00	9.03'	-	-	9.19'	00°55'38"
19+00.00	25.00'	-	-	25.44'	02°34'01"
19+25.00	25.00'	-	-	25.44'	06°03'40"
19+50.00	25.00'	-	-	25.44'	08°37'42"
19+75.00	25.00'	-	-	25.44'	11°11'43"
20+00.00	25.00'	-	-	25.44'	13°45'44"
20+07.88	7.88'	-	-	8.02'	14°34'16"
Def/Ft = 6.06184 Min.					
$\Delta = 27^{\circ}05'01''$ R = 579.00' T = 139.45' L = 273.69' LC = 271.15'					
CURVE DATA BASED ON WATERLINE $\Delta/2 = 13^{\circ}32'30''$					
STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		5'LT Offset	5'RT Offset		
24+90.66	-	-	-	00°00'00"	00°00'00"
25+00.00	9.34'	-	-	9.42'	00°27'44"
25+01.65	1.65'	-	-	1.66'	00°32'38"
25+25.00	23.35'	-	-	23.55'	01°09'19"
25+50.00	25.00'	-	-	25.21'	02°58'10"
25+75.00	25.00'	-	-	25.21'	04°10'23"
26+00.00	25.00'	-	-	25.21'	05°24'36"
26+25.00	25.00'	-	-	25.21'	06°38'49"
26+50.00	25.00'	-	-	25.21'	07°53'02"
26+75.00	25.00'	-	-	25.21'	09°07'15"
27+00.00	25.00'	-	-	25.21'	10°21'28"
27+25.00	25.00'	-	-	25.21'	11°35'41"
27+50.00	25.00'	-	-	25.21'	12°49'54"
27+64.35	14.35'	-	-	14.48'	13°32'30"
Def/Ft = 2.96869 Min.					

STA. 29+42.53, LINE 2=
STA. 14+68.42, LINE 2=
ST. STA. 14+50.45, 21' LT.

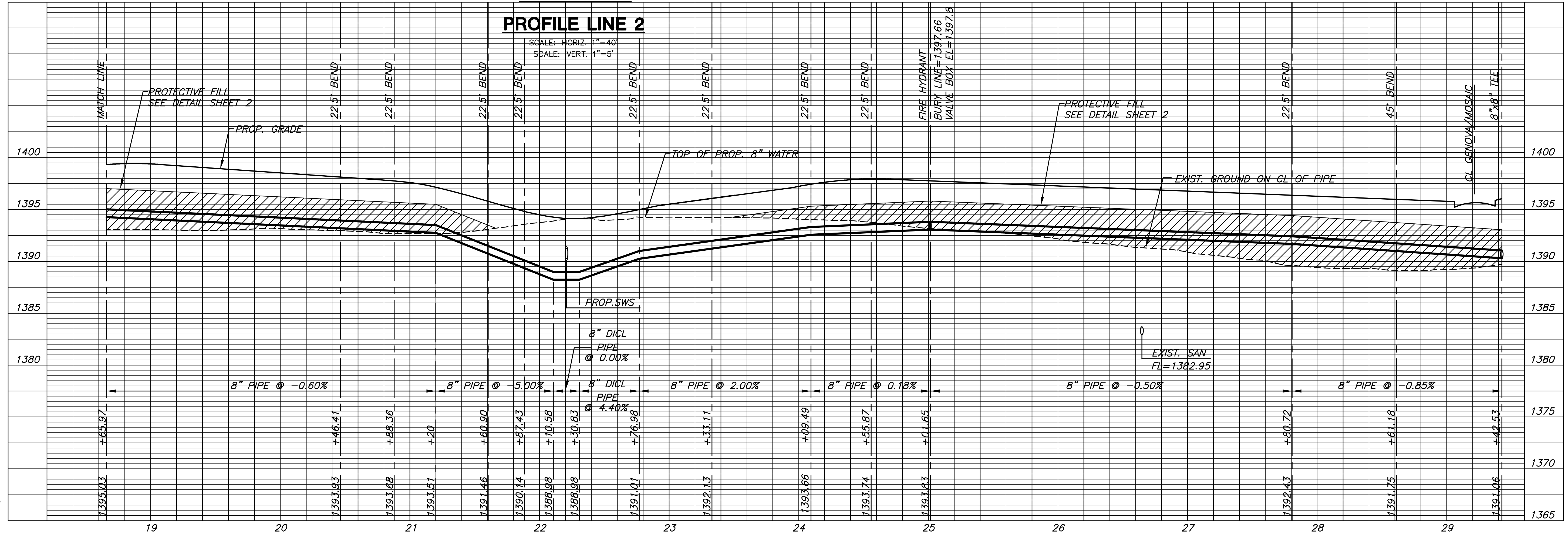
STA. 28+91.56, LINE 2=
ST. STA. 27+59.22, 18' LT.
DEF. PIPE 3'45"10" RT.

STA. 25+01.65, LINE 2=
ST. STA. 23+84.67, 21' LT.
1-FIRE HYDT. ASSY.
L=3.5'



PLAN LINE 2

PROFILE LINE 2



LINE 2
SHEET TITLE
448-90329
PROJECT NUMBER

DFL
DESIGN BY
KKL
DRAWN BY
GJA
CHECKED BY

ISSUED
December 2007
REVISED

SHEET NO.
5 of 18

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

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