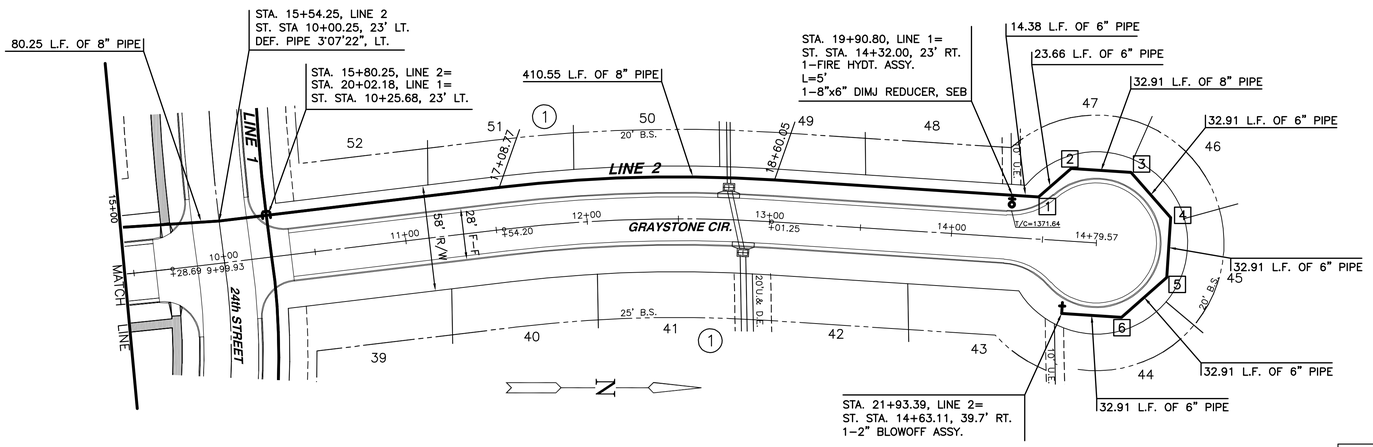
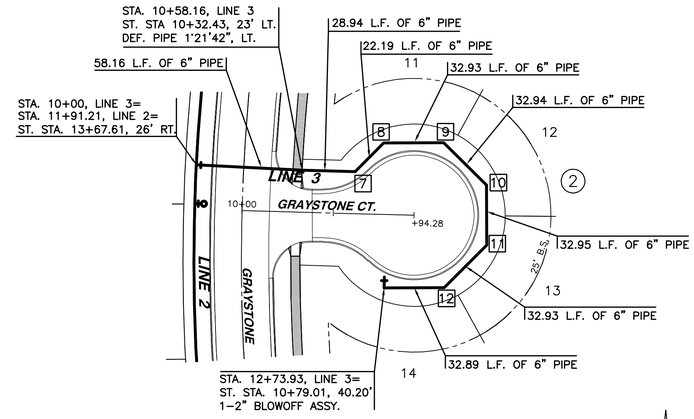




CURVE TABLE

△= 10°31'54" R = 823.00' T = 75.85' L = 151.28' LC = 151.06'

CURVE DATA BASED ON WATERLINE △/2 = 05°15'57"

STATION	ARC	CHORD LENGTH 6'LT Offset	CHORD LENGTH 6'RT Offset	DEFLECTION	TOTAL DEFLECTION
17+08.77	–	–	–	00°00'00"	00°00'00"
17+25.00	16.23'	16.35'	–	00°33'54"	00°33'54"
17+50.00	25.00'	25.18'	–	00°52'13"	01°26'07"
17+75.00	25.00'	25.18'	–	00°52'13"	02°18'19"
18+00.00	25.00'	25.18'	–	00°52'13"	03°10'32"
18+25.00	25.00'	25.18'	–	00°52'13"	04°02'45"
18+50.00	25.00'	25.18'	–	00°52'13"	04°54'58"
18+60.05	10.05'	10.12'	–	00°20'59"	05°15'57"
				Def/Ft = 2.08855 Min.	

BEND CHART

NO.	6" BEND	STA.	BL STA.	OFFSET
1	45°	20+05.18	14+46.38	23' LT
2	45°	20+28.84	14+63.11	39.7' LT
3	45°	20+61.75	14+96.02	39.7' LT
4	45°	20+94.66	15+19.29	16.5' LT
5	45°	21+27.57	15+19.29	16.5' RT
6	45°	21+60.48	14+96.02	39.7' RT
7	45°	10+87.10	10+61.38	23'
8	45°	11+09.29	10+76.56	39.2'
9	45°	11+42.22	11+09.47	40.2'
10	45°	11+75.16	11+33.48	17.7'
11	45°	12+08.11	11+34.47	15.3'
12	45°	12+41.04	11+11.85	39.2'

SCALE: 1"= 40'

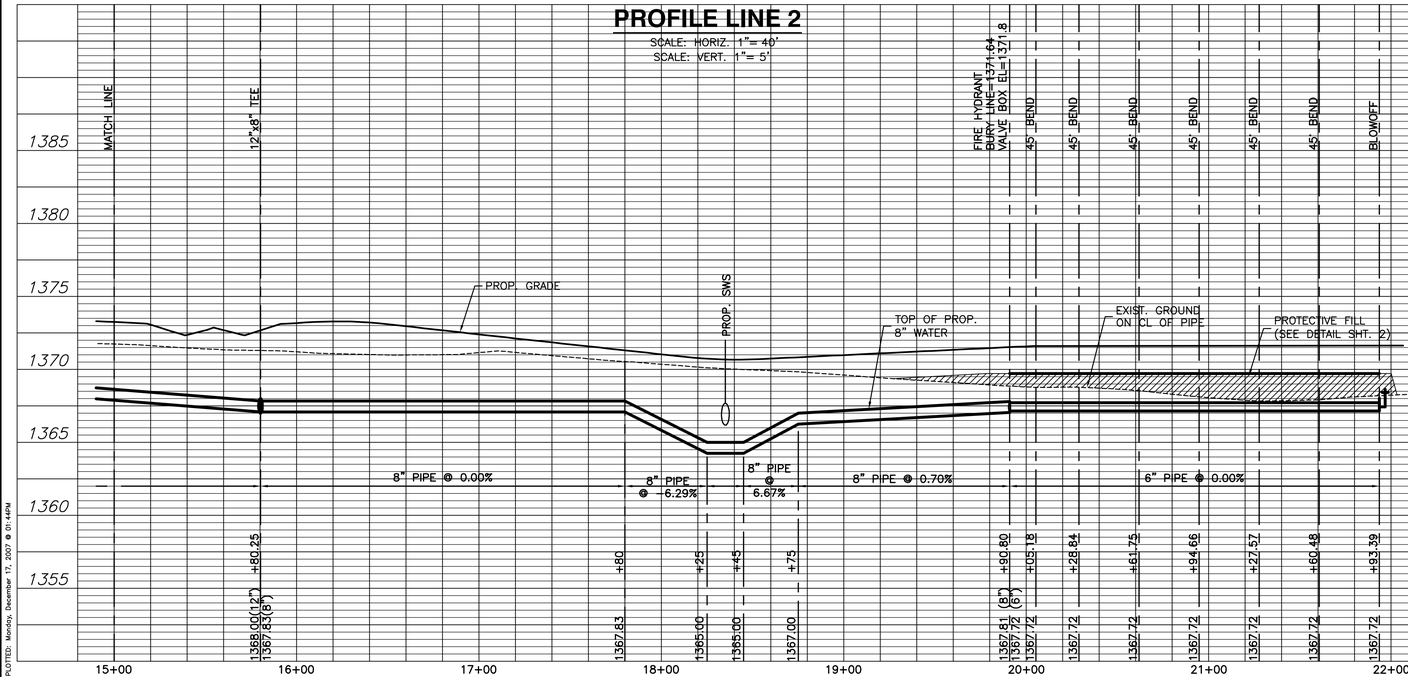
0 20 40 80

PLAN LINE 2

SCALE: 1"= 40'

PROFILE LINE 2

SCALE: HORIZ. 1"= 40'
SCALE: VERT. 1"= 5'

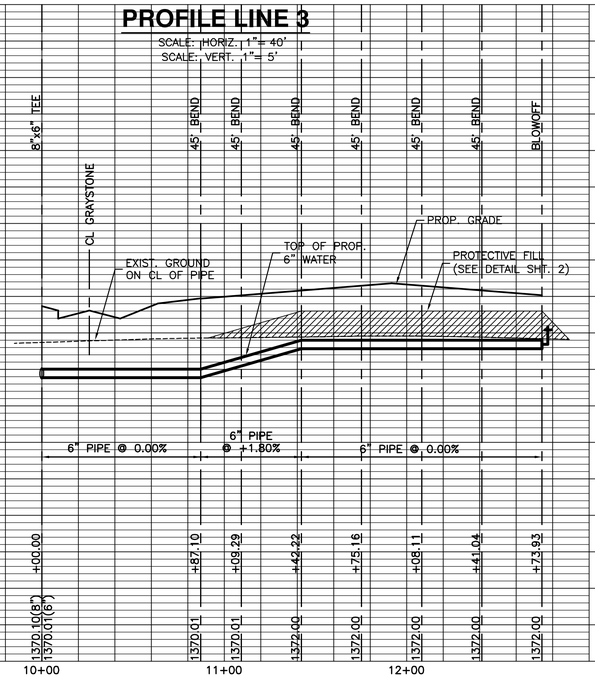


PLAN LINE 3

SCALE: 1"= 40'

PROFILE LINE 3

SCALE: HORIZ. 1"= 40'
SCALE: VERT. 1"= 5'



PLOTTED: Monday, December 17, 2007 @ 01:44PM

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MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

MONARCH LANDING SECOND ADD.

WATER DISTRIBUTION PLANS

PHASE 1

LINES 2 & 3
SHEET TITLE

448-90334
PROJECT NUMBER

DLF
DESIGN BY

JLB
DRAWN BY

GJA
CHECKED BY

ISSUED
December 2007

REVISED

SHEET NO.
5 of 14