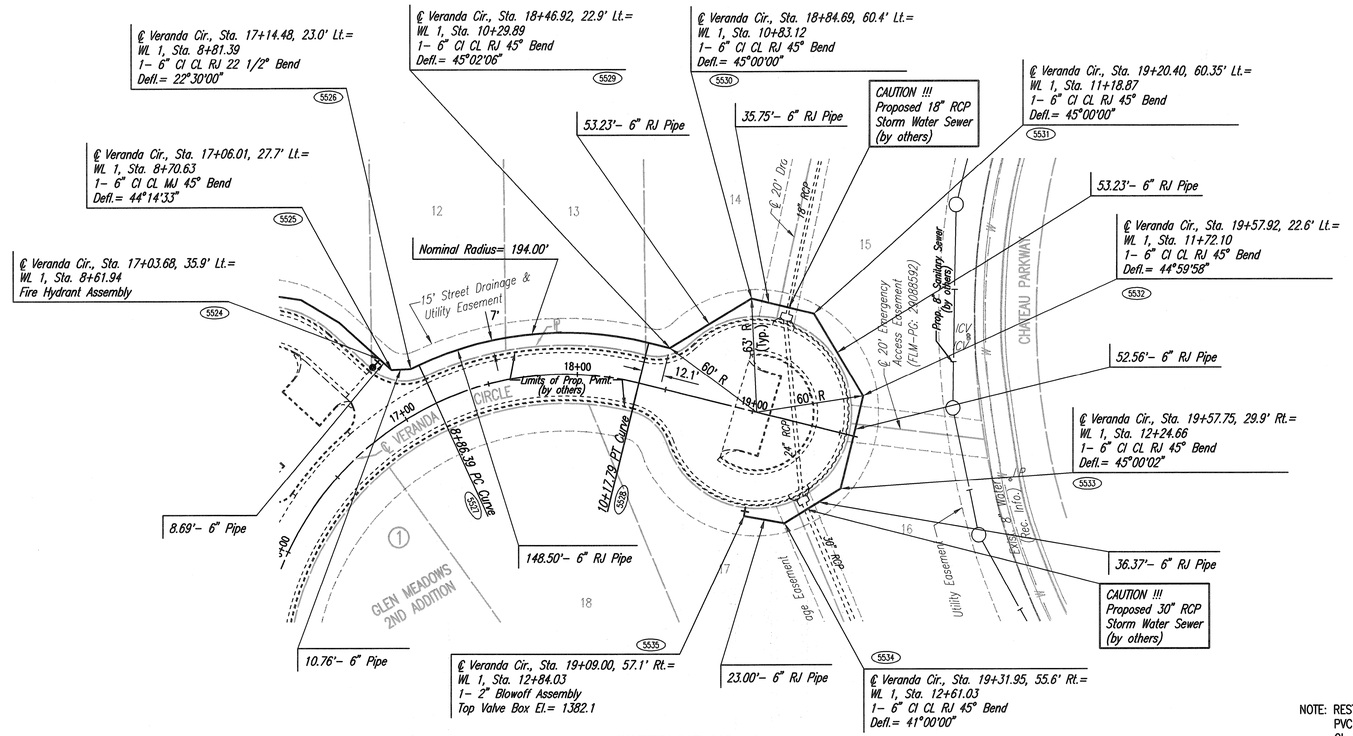


SCALE:

PLAN: LAT. & LONG. 0 40 80

PROFILE: HORIZ. SAME AS ABOVE

VERT. 5 0

(5500) – SEE SHEET NO. 4 FOR WATERLINE COORDINATES (TYP.)

WL CURVE DATA

Δ=38°48'26.1"Rt D= 29°32'2.1" R= 194.00' L= 131.40' T= 68.33' E= 11.68'

CURVE DATA BASED ON ℄ RADIUS Δ/2= 19° 24' 13.1"

WL STATION	WL ARC LENGTH	CHORD LENGTH ON 8.5' OFFSET Right	DEFLECTION ANGLE	TOTAL DEFLECTION
PC 8+86.39			0°00'00.0"	0°00'00.0"
9+00.00	13.61'	13.01'	2°00'35.2"	02°00'35.2"
9+25.00	25.00'	23.89'	3°41'30.3"	05°42'05.5"
9+50.00	25.00'	23.89'	3°41'30.3"	09°23'35.8"
9+75.00	25.00'	23.89'	3°41'30.3"	13°05'06.0"
10+00.00	25.00'	23.89'	3°41'30.3"	16°46'36.3"
PT 10+17.79	17.79'	17.00'	2°37'37.4"	19°24'13.1"
TOTAL	L= 131.40'	Defl./ft.= 8.860172 min.		

NOTE: RESTRAINED JOINT DUCTILE IRON PIPE SHALL BE PVC CERTA-LOK, DI CL GRIFFIN SNAP-LOK, DI CL AMERICAN FLEX RING, OR APPROVED EQUAL.

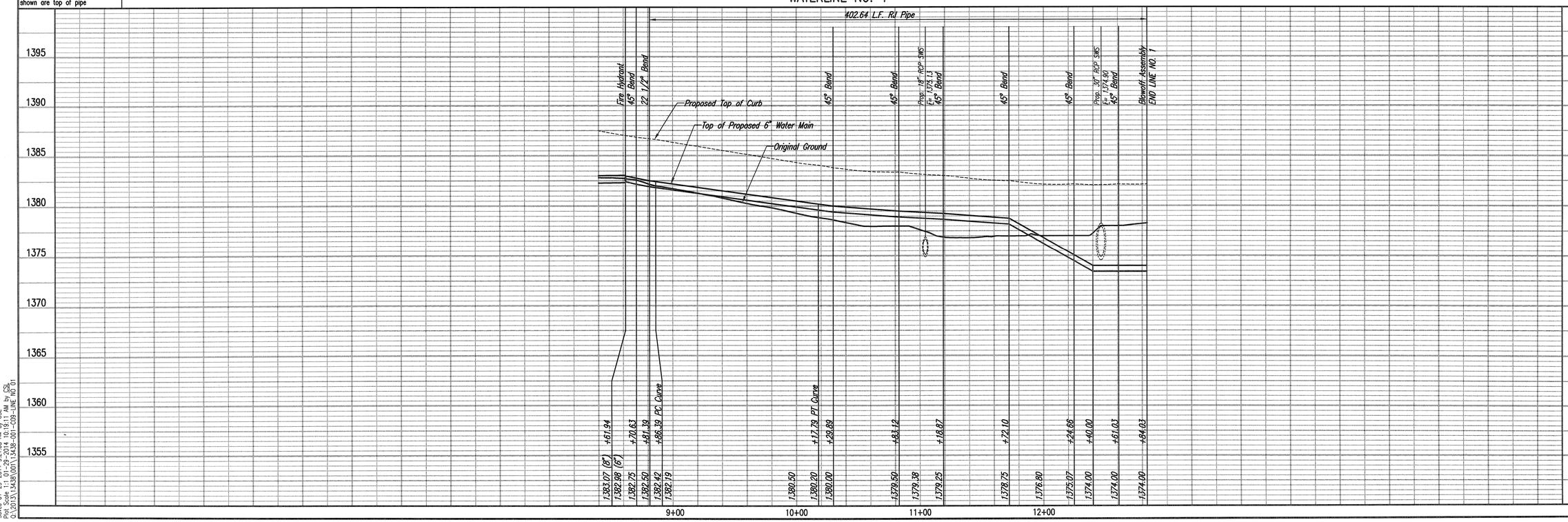
MICHAEL D. KEIGENSEN 13944 12/29/14 KANSAS PROFESSIONAL ENGINEER

PLAN | CHECKED | CHECKED | BY | DATE

PROFILE | CHECKED | CHECKED | BY | DATE

Unless noted otherwise, elevations shown are top of pipe

WATERLINE NO. 1



GLEN MEADOWS 2ND ADDITION
WATERLINE IMPROVEMENTS

WATERLINE NO. 1

GARY JANZEN, P.E. – CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-90450

PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

Job No. 35-13438-001-0042
Date SEPTEMBER 2013
Designed By CSB, SAD
Drawn By CSL, JAN

Sheet 9 of 12

Saved 01-29-2014 9:21:08 AM by CSL
Plot Scale 1:1 01-29-2014 10:19:11 AM by CSL
Q:\2013\13438\001\13438-001-C09-LINE NO 01