N: 385139.4219, E: 2372987.5938
WL No. 1, Sta. 0+00.00=
CARRIAGE OAKS, Sta. 103+49.89, 38' R
Existing 8" Water Main *
1- 8" x 8" Tapping Sleeve
1- 8" Tappping Valve
1- 6" Valve Box
Top Valve Box El.= 1388.75
(Tapping Sleeve & Valve
installed by City of Wichita)

5000

N: 385121.7135, E: 2373002.4772
WL No. 1, Sta. 0+23.13=
CARRIAGE OAKS, Sta. 103+26.76, 38' R
1- Fire Hydrant Assembly
L= 4'
Top Valve Box El.= 1388.43
FH Bury Line El.= 1388.36

5001

CAUTION !!!
Proposed 8"
Sanitary Sewer

Nominal Radius= 207.00'

CAUTION !!!
Proposed 8"
Sanitary Sewer

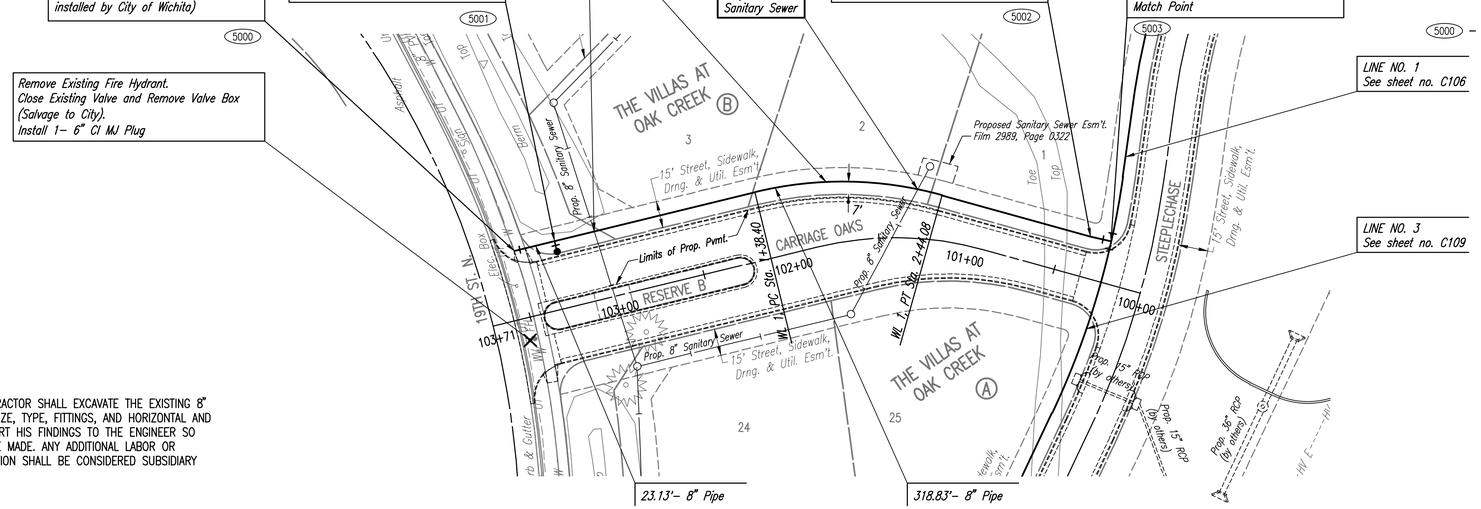
N: 384854.3994, E: 2373137.6571
WL No. 1, Sta. 3+30.26=
CARRIAGE OAKS, Sta. 100+35.29, 23' R
Horizontal Deflection
Defl.= 2°56'03"

5002

N: 384843.0364, E: 2373140.4333
WL No. 1, Sta. 3+41.96=
CARRIAGE OAKS, Sta. 100+23.60, 24' R
1- 8" x 8" Tee
3- 8" Valve Assemblies (N,E,W)
(MJ Gate Valves)
Top Valve Box El.= 1381.42 (E)
Top Valve Box El.= 1381.59 (N)
Top Valve Box El.= 1381.44 (W)
Match Point

5003

Remove Existing Fire Hydrant.
Close Existing Valve and Remove Valve Box
(Salvage to City).
Install 1- 6" CI MJ Plug



LINE NO. 1
See sheet no. C106

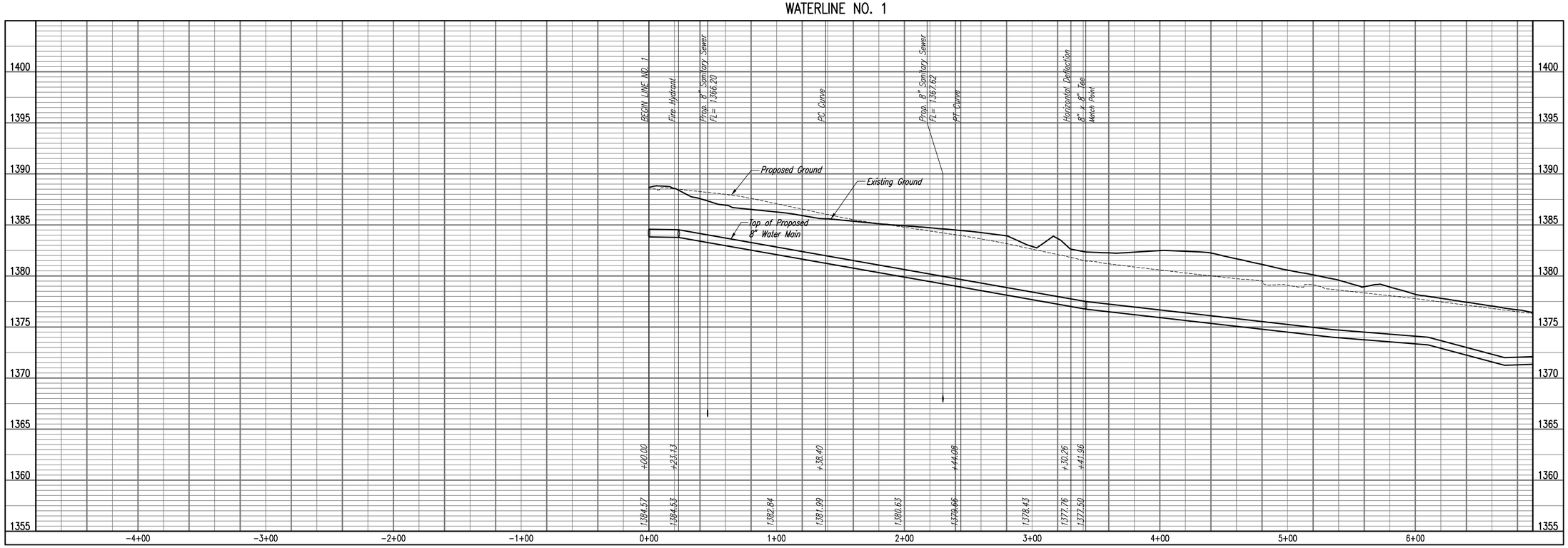
LINE NO. 3
See sheet no. C109

SCALE:
PLAN: LAT. & LONG. 0 40 80
PROFILE: HORIZ. SAME AS ABOVE
VERT. 0 5

5000 - SEE SHEET NO. C104 FOR WATERLINE COORDINATES (TYP.)

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 8" WATERLINE AT STATION 0+00.00 TO VERIFY PIPE SIZE, TYPE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

WATERLINE NO. 1



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

CITY OF WICHITA

TREVOR KAUFMAN
LICENSED
26008
11/15/2019
KANSAS
PROFESSIONAL ENGINEER

WATERLINE IMPROVEMENTS TO SERVE THE VILLAS AT OAK CREEK

GARY JANZEN, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-2019-017973

Issue:

JOB NO.	35-170551-004-0042
DATE	JULY 2019
PM	RWG
DESIGNED BY	TBK
DRAWN BY	CSL, KTD
CHECKED BY	RWG

WATERLINE NO. 1

C105

Saved 11-14-2019 11:21:09 AM by KURTIS.DEKAT
Plot Scale 1:1 11-15-2019 11:11:02 AM by KURTIS.DEKAT
J:\Wichita-Civil\2017\170551\004\Main\Drawings\170551-004-C105 WATERLINE NO. 1