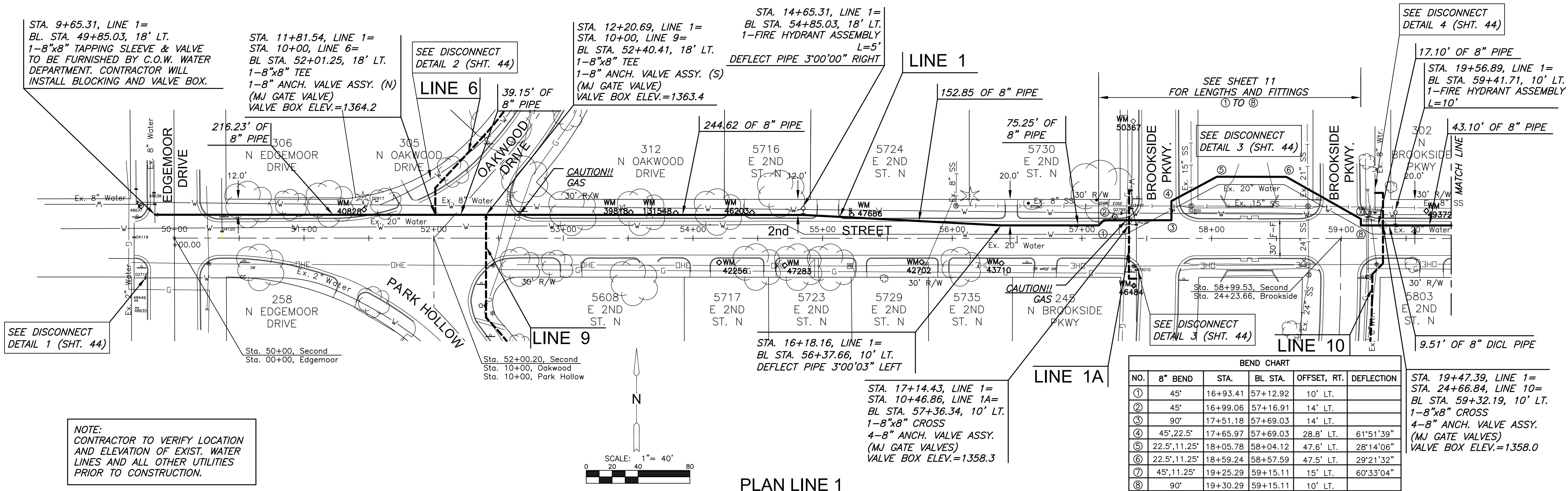




©2013 MKEC Engineering All Rights Reserved
www.mkec.com
These drawings and their contents, including, but not limited to, all concepts, designs, & ideas are the exclusive property of MKEC Engineering (MKEC), and may not be used or reproduced in any way without the express consent of MKEC.

LINE 1	
PROJECT NO.	448-90610
DATE	SEPT. 2017
SCALE	AS SHOWN
DESIGNED	DRAWN
JTC	DM
CHECKED	JRA
NO.	REVISION
SHEET NO. 10 OF 77	



BEND CHART

NO.	8" BEND	STA.	BL STA.	OFFSET, RT.	DEFLECTION
①	45°	16+93.41	57+12.92	10' LT.	
②	45°	16+99.06	57+16.91	14' LT.	
③	90°	17+51.18	57+69.03	14' LT.	
④	45°, 22.5°	17+65.97	57+69.03	28.8' LT.	61°51'39"
⑤	22.5°, 11.25°	18+05.78	58+04.12	47.6' LT.	28°14'06"
⑥	22.5°, 11.25°	18+59.24	58+57.59	47.5' LT.	29°21'32"
⑦	45°, 11.25°	19+25.29	59+15.11	15' LT.	60°33'04"
⑧	90°	19+30.29	59+15.11	10' LT.	

**PLAN LINE 1
PROFILE LINE 1**

