

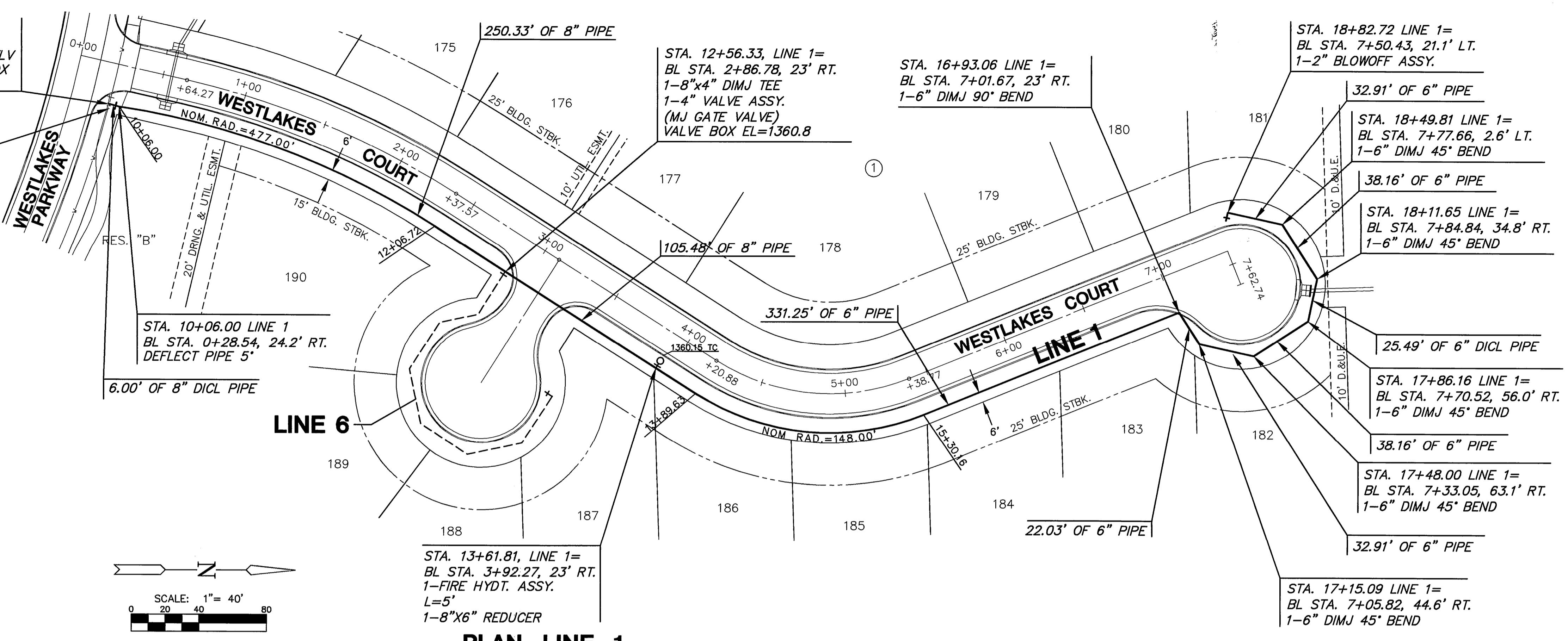
**WATER DISTRIBUTION PLANS FOR
FOX RIDGE ADDITION
PHASE 14**

STA. 10+00.00, LINE 1=
BL STA. 0+22.54, 24' RT.
CONNECT TO EXISTING 8" VLV
ADJUST EXISTING VALVE BOX
TOP TO MATCH GROUND

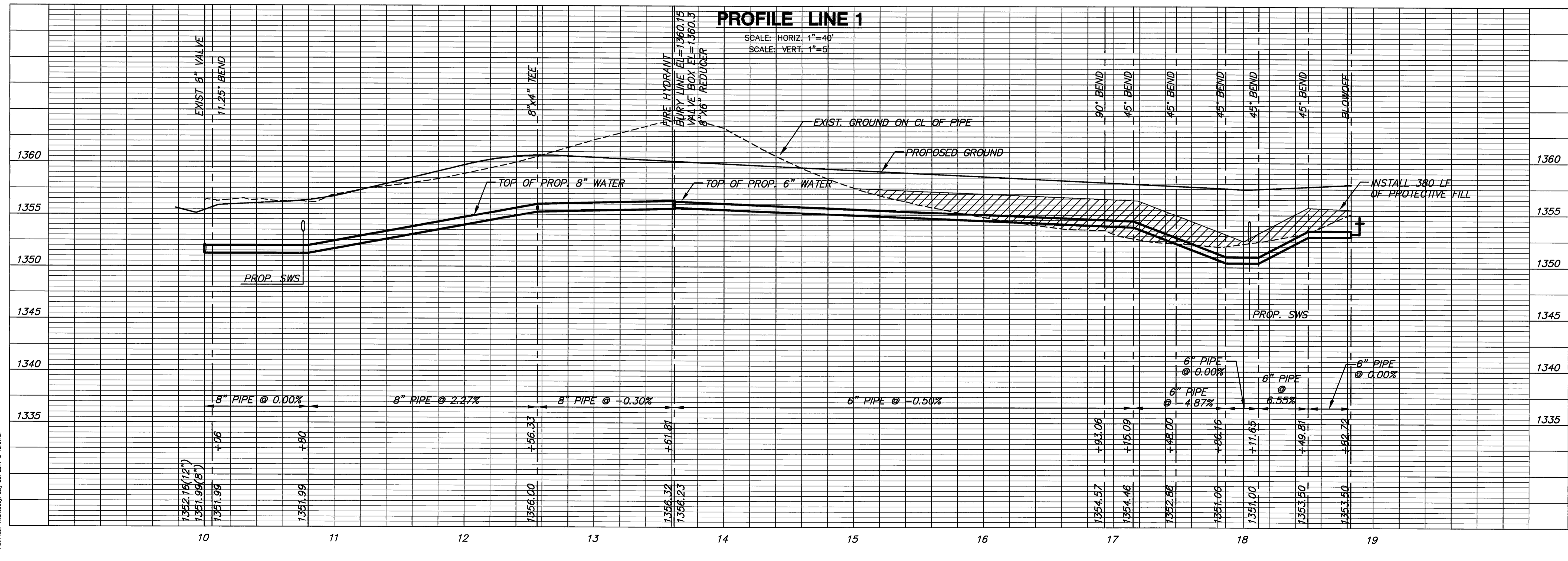
REMOVE & REPLACE WALK AS
NEEDED TO INSTALL WATER LINE.
COST SUBSIDIARY TO PROJECT.

CURVE TABLE					
$\Delta = 24^{\circ}08'37''$ R = 477.00' T = 101.87' L = 200.72' LC = 199.25'					
CURVE DATA BASED ON WATERLINE $\Delta/2 = 12^{\circ}03'19''$					
STATION	ARC	6'LT Offset	6'RT Offset	DEFLECTION	TOTAL DEFLECTION
10+06.00	-	-	-	00°00'00"	00°00'00"
10+25.00	19.00'	-	18.76'	01°08'28"	01°08'28"
10+50.00	25.00'	-	24.68'	01°30'05"	02°38'33"
10+75.00	25.00'	-	24.68'	01°30'05"	04°08'39"
11+00.00	25.00'	-	24.68'	01°30'05"	05°38'44"
11+25.00	25.00'	-	24.68'	01°30'05"	07°08'49"
11+50.00	25.00'	-	24.68'	01°30'05"	08°38'54"
11+75.00	25.00'	-	24.68'	01°30'05"	10°09'00"
12+00.00	25.00'	-	24.68'	01°30'05"	11°39'05"
12+06.72	6.72'	-	6.64'	00°24'14"	12°03'19"
Def/Ft = 3.60351 Min.					

CURVE TABLE					
$\Delta = 54^{\circ}24'09''$ R = 148.00' T = 76.07' L = 140.53' LC = 135.31'					
CURVE DATA BASED ON WATERLINE $\Delta/2 = 27^{\circ}12'05''$					
STATION	ARC	6'LT Offset	6'RT Offset	DEFLECTION	TOTAL DEFLECTION
13+89.63	-	-	-	00°00'00"	00°00'00"
14+00.00	10.37'	-	10.79'	02°00'26"	02°00'26"
14+25.00	25.00'	-	25.98'	04°50'21"	06°50'47"
14+50.00	25.00'	-	25.98'	04°50'21"	11°41'08"
14+75.00	25.00'	-	25.98'	04°50'21"	16°31'29"
15+00.00	25.00'	-	25.98'	04°50'21"	21°21'50"
15+25.00	25.00'	-	25.98'	04°50'21"	26°12'11"
15+30.16	5.16'	-	5.37'	00°59'53"	27°12'05"
Def/Ft = 11.61401 Min.					



PLAN LINE 1



LINE 1
SHEET TITLE
448-89839
PROJECT NUMBER

DFL / JWC / GJA
DESIGNED DRAWN CHECKED

ISSUED July 2011
REVISED

SHEET NO.
3 of 13

PLOTTED: Wednesday, July 20, 2011 @ 10:33AM

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