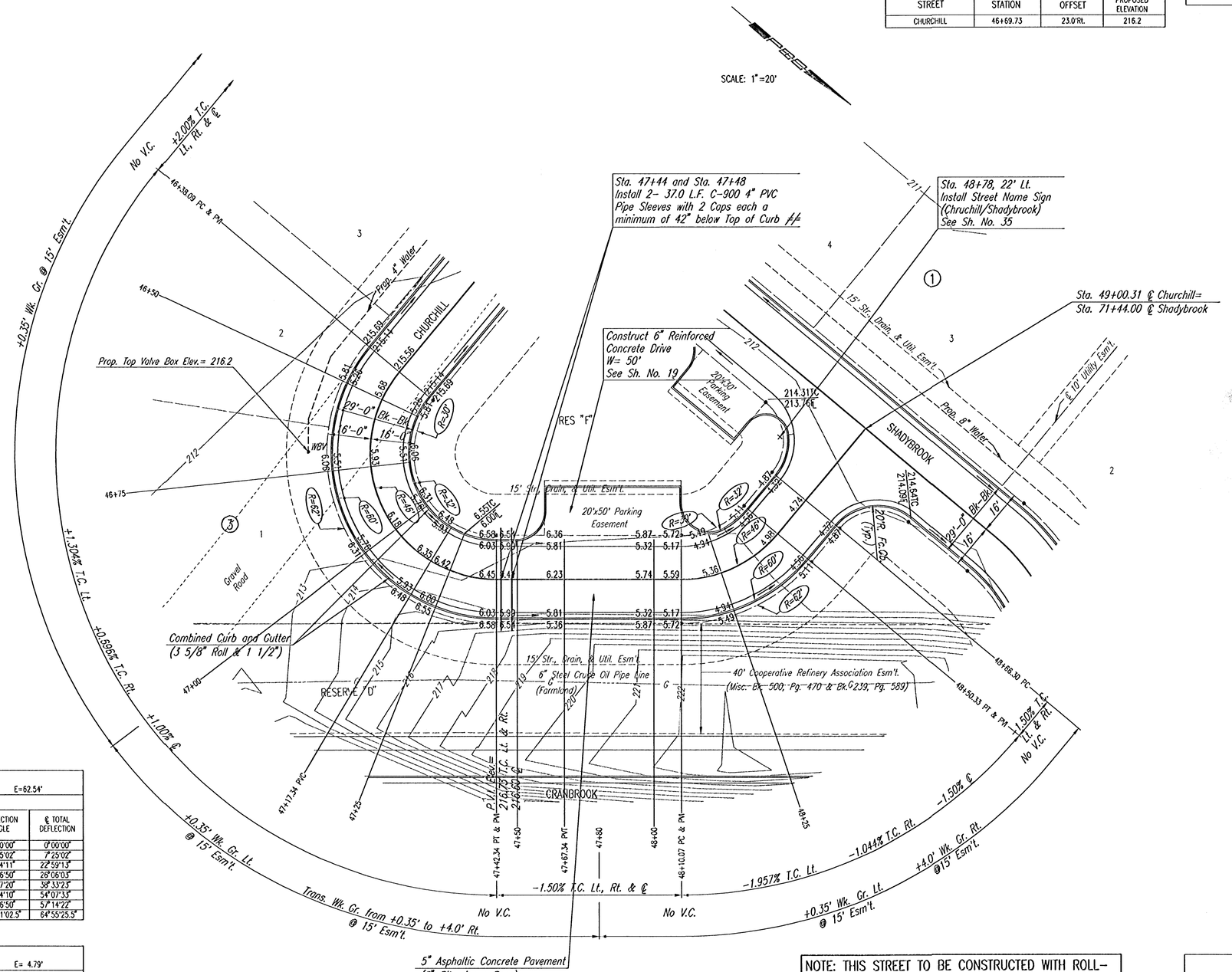
PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83376	16	50

WATER VALVE BOX ELEVATIONS

STREET	STATION	OFFSET	PROPOSED ELEVATION
CHURCHILL	46+69.73	23.0'Rt.	216.2

SCALE: 1"=20'



℄ CURVE DATA

Δ=129°50'51" D=124°33'22" R=46.00' L=104.25' T=98.31' E=62.54'

CURVE DATA BASED ON ℄ RADIUS Δ/2=64°55'25.5"

℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH LEFT CURB	FACE CURB LENGTH RIGHT CURB	CHORD LENGTH 8"OFF LEFT FACE CURB	CHORD LENGTH 8"OFF RIGHT FACE CURB	DEFLECTION ANGLE	℄ TOTAL DEFLECTION
46+38.09	———	———	———	———	———	0°00'00"	0°00'00"
46+50	11.91'	8.29'	15.53'	6.20'	17.56'	7°25'02"	7°25'02"
46+75	25.00'	17.39'	32.61'	12.88'	36.50'	15°34'11"	22°59'13"
46+80	5.00'	3.48'	6.52'	2.61'	7.39'	3°06'50"	26°06'03"
47+00	20.00'	13.91'	26.09'	10.35'	29.33'	12°27'20"	38°33'23"
47+25	25.00'	17.39'	32.61'	12.88'	36.50'	15°34'10"	54°07'33"
47+30	5.00'	3.48'	6.52'	2.61'	7.39'	3°06'50"	57°14'22"
47+42.34	12.34'	8.58'	16.09'	6.42'	18.18'	7°41'02.5"	64°55'25.5"
TOTAL	104.25'	72.52'	135.97'	Defl./ft.=37.366187 min.			

℄ CURVE DATA

Δ=50°09'09" D=124°33'22" R=46.00' L=40.27' T=21.52' E= 4.79'

CURVE DATA BASED ON ℄ RADIUS Δ/2=25°04'34.5"

℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH LEFT CURB	FACE CURB LENGTH RIGHT CURB	CHORD LENGTH 8"OFF LEFT FACE CURB	CHORD LENGTH 8"OFF RIGHT FACE CURB	DEFLECTION ANGLE	℄ TOTAL DEFLECTION
48+10.07	———	———	———	———	———	0°00'00"	0°00'00"
48+25	14.93'	10.39'	19.47'	7.76'	21.97'	9°17'53"	9°17'53"
48+50.34	25.34'	17.62'	33.05'	12.88'	36.99'	15°46'41.5"	25°04'34.5"
TOTAL	40.27'	28.01'	52.52'	Defl./ft.=37.362180 min.			

NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL-TYPE CURB. TOP OF CURB ELEVATIONS GIVEN ARE FOR FULL HEIGHT CURB.

EACH END OF 4" PVC PIPE SLEEVE SHALL BE MARKED WITH STEEL "I" POSTS OR 2"ϕ STEEL PIPE A MAXIMUM OF 12" ABOVE GRADE. PIPE, CAPS, PIPE INSTALLATION AND MARKERS SHALL BE SUBSIDIARY TO "COMBINED CURB AND GUTTER (6 5/8" & 1 1/2")".

RECORD DRAWING
24 NOV 03

REMINGTON PLACE - PHASE 2

CHURCHILL
STA. 46+38.09 TO STA. 49+00.31

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BER	Checked by	
Drawn by	DEP	Date DEC., 2002	Job No. 02398

DSNR: DEP OPER: DEP SCALE: 1=20.00
O:\2002\02398\000\CHURCHILLS2 12-03-2002 03:13:02 pm