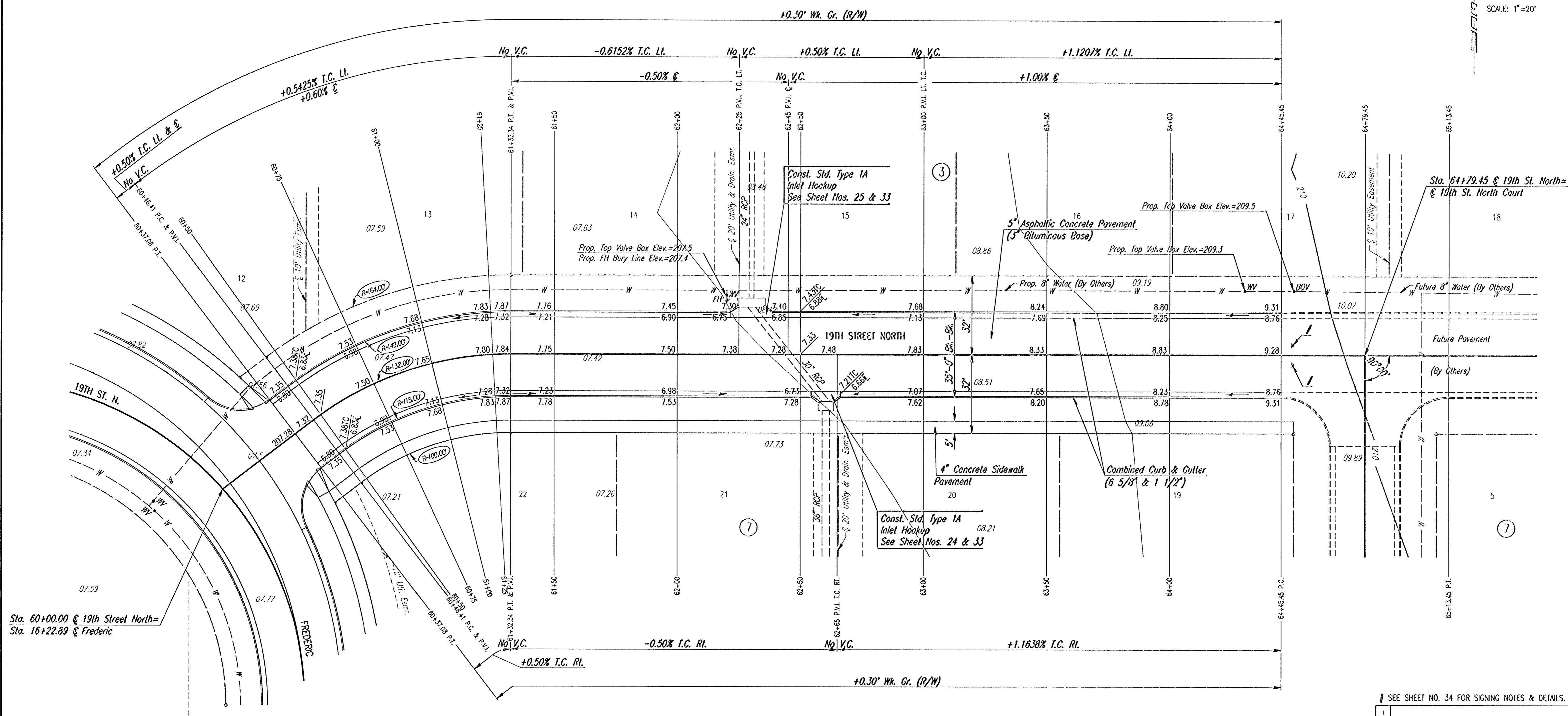


WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
19TH STREET NORTH	62+20	24.0' LI.	207.5
19TH STREET NORTH	64+01	26.0' LI.	209.3
19TH STREET NORTH	64+51	26.0' LI.	209.5

PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-76-245-83375-000-000-001	13	58

SCALE: 1"=20'



Sta. 60+00.00 @ 19th Street North = Sta. 16+22.89 @ Frederic

Q CURVE DATA
 $\Delta = 3^\circ 18' 10''$ $D = 43^\circ 24' 21''$ $R = 132.00'$ $L = 85.93'$ $T = 44.55'$ $E = 7.32'$
 CURVE DATA BASED ON Q RADIUS $\Delta/2 = 1^\circ 59' 05''$

Q STATION	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8" OFF LEFT FACE CURB	8" OFF RIGHT FACE CURB		
60+46.41						0°00'00"	0°00'00"
60+50	3.59'	4.05'	3.13'	4.27'	2.91'	0°48'45"	0°48'45"
60+75	25.00'	28.22'	21.78'	29.69'	20.23'	5°25'33"	6°12'18"
61+00	25.00'	28.22'	21.78'	29.69'	20.23'	5°25'33"	11°37'50"
61+25	25.00'	28.22'	21.78'	29.69'	20.23'	5°25'33"	17°03'23"
61+32.34	7.35'	8.30'	6.40'	8.74'	5.96'	1°35'42"	18°39'05"
TOTAL	85.94'	97.01'	74.87'				

Defl./ft. = 13.023198 min.

DSWR: BER OPER: BJS SCALE: 1"=20'
 I:/2001/01156/SIR60-64.DGN Plot Date: 10-23-2001

SEE SHEET NO. 34 FOR SIGNING NOTES & DETAILS.

No.	Revisions	By	Date

REMINGTON PLACE-PHASE I
CITY OF WICHITA, KANSAS

19TH STREET NORTH
 STA. 60+00.00 TO STA. 64+45.45

Professional Engineering Consultants, P.A.
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 316-262-2691 • FAX 316-262-3003

Designed by	BER	Checked by	
Drawn by	BJS	Date	JUNE 2001
		Job No.	01158