

3 W. 23.25' Min. Weather Top Fire Hydr. on NE cor Bluff & Bellvue.
 Stationing of Base line on North of West Property line.

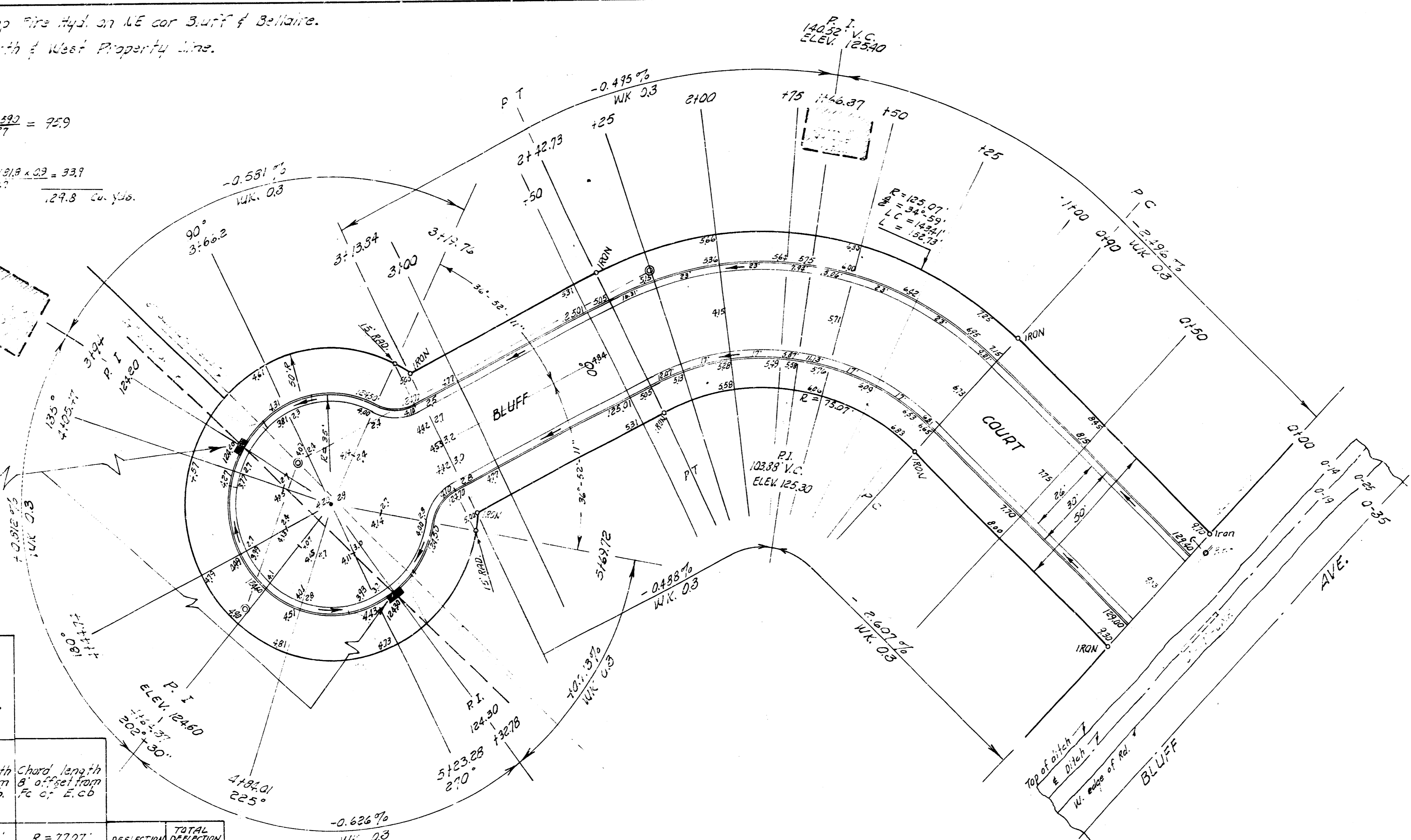
Area of $\odot = 50.75 \times 0.3 = \frac{15.225}{0.7} = 21.75$

Area of $\triangle = \frac{1}{2} \times 2.04 \times \frac{2.04 \times 0.2}{2} = \frac{0.418}{2} = 0.209$
 129.8 Cu. Yds.

NOTE:
 Install 2 catch basins
 Over existing 24" R.C.P.
 S. W. S.

CURVE DATA
 Stationing on west R.
 Sta 0+00 to Sta 0+427.3

STATIONS	Arc length in W. R.	Chord length of offset from P.C. to W. C.B.	Chord length of offset from P.C. to E. C.B.	DEFLECTION	TOTAL DEFLECTION
0+00					$\frac{1}{2} \Delta = 34^{\circ} 59'$
0+100	12.00'	9.84'	6.12'	$2^{\circ} 17' 26''$	
1+25	25.00'	24.56'	15.38'	$5^{\circ} 43' 35''$	$8^{\circ} 01' 01''$
1+50	25.00'	24.56'	15.38'	$5^{\circ} 43' 35''$	$14^{\circ} 44' 36''$
1+66.37	16.37'	16.09'	10.08'	$3^{\circ} 44' 38''$	$17^{\circ} 29' 34''$
1+75	8.63'	8.51'	5.33'	$1^{\circ} 58' 36''$	$19^{\circ} 28' 10''$
2+00	25.00'	24.56'	15.38'	$5^{\circ} 43' 35''$	$25^{\circ} 11' 45''$
2+25	25.00'	24.56'	15.38'	$5^{\circ} 43' 35''$	$30^{\circ} 55' 20''$
2+42.73	17.73'	17.43'	10.92'	$4^{\circ} 03' 46''$	$34^{\circ} 59' 08''$

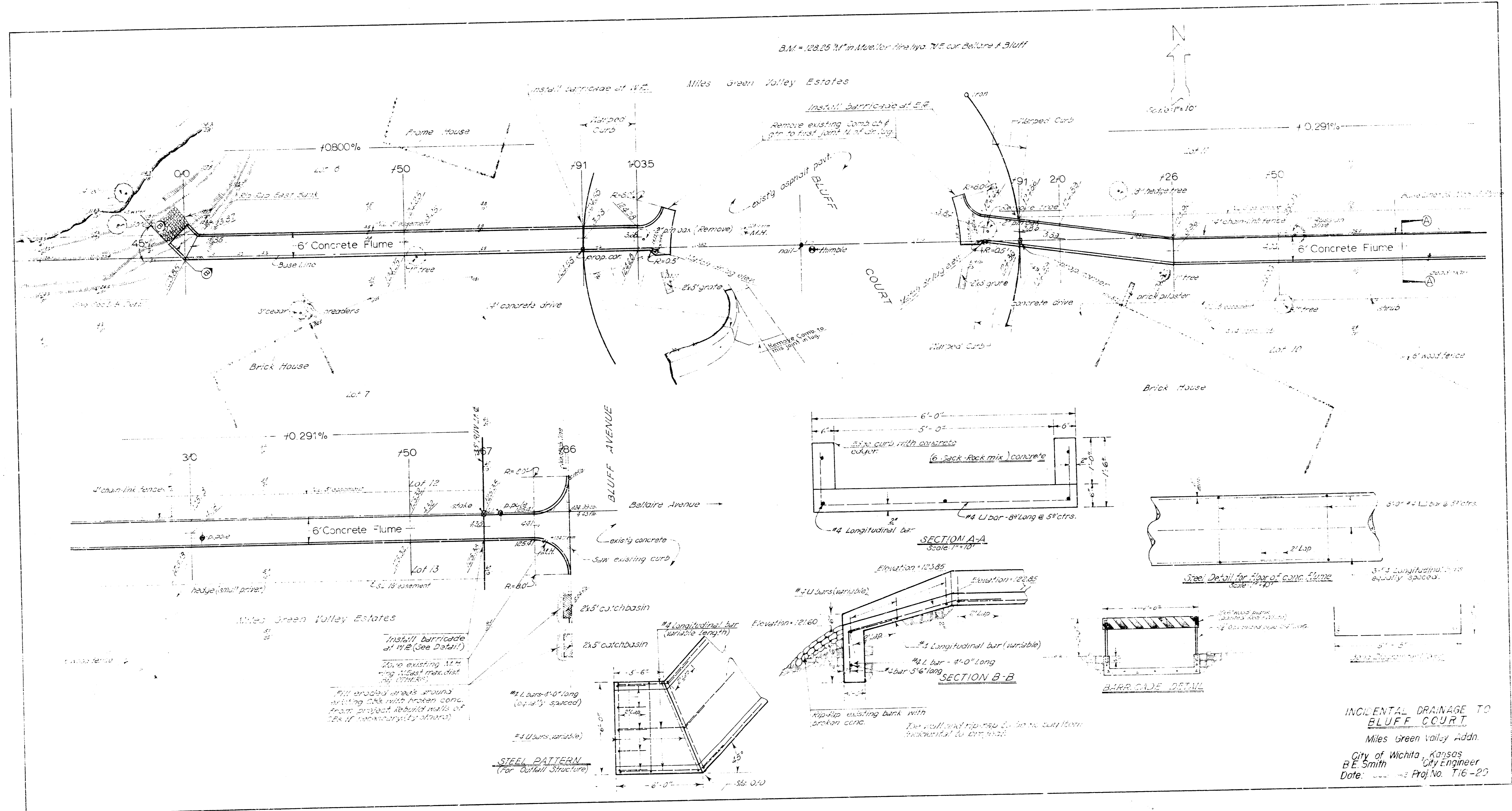


EARTH WORK

Excavation	Fill	Compaction
Prop. 27.22	Prop. 28.13	City 27.4
27.4	28.1	27.4
307.6 Cu. Yds.	337.7 Cu. Yds.	0.0

BLUFF COURT
 NW BLUFF TO & INCLUDING JULY 23-24
 26-2-30 A.C.
 CITY OF WICHITA, KANSAS
 B. E. SMITH CITY ENGINEER
 APRIL 1959, PROJ. NO. C19-39





INCIDENTAL DRAINAGE TO
BLUFF COURT
 Miles Green Valley Addn.
 City of Wichita, Kansas
 B.E. Smith City Engineer
 Date: _____ Proj. No. T-16-20