

3 M. 33.35' from Western Top Fire Hydrant on NE cor Bluff & Bellvue.
Start of 1st of 3 base line on North & West Property line.

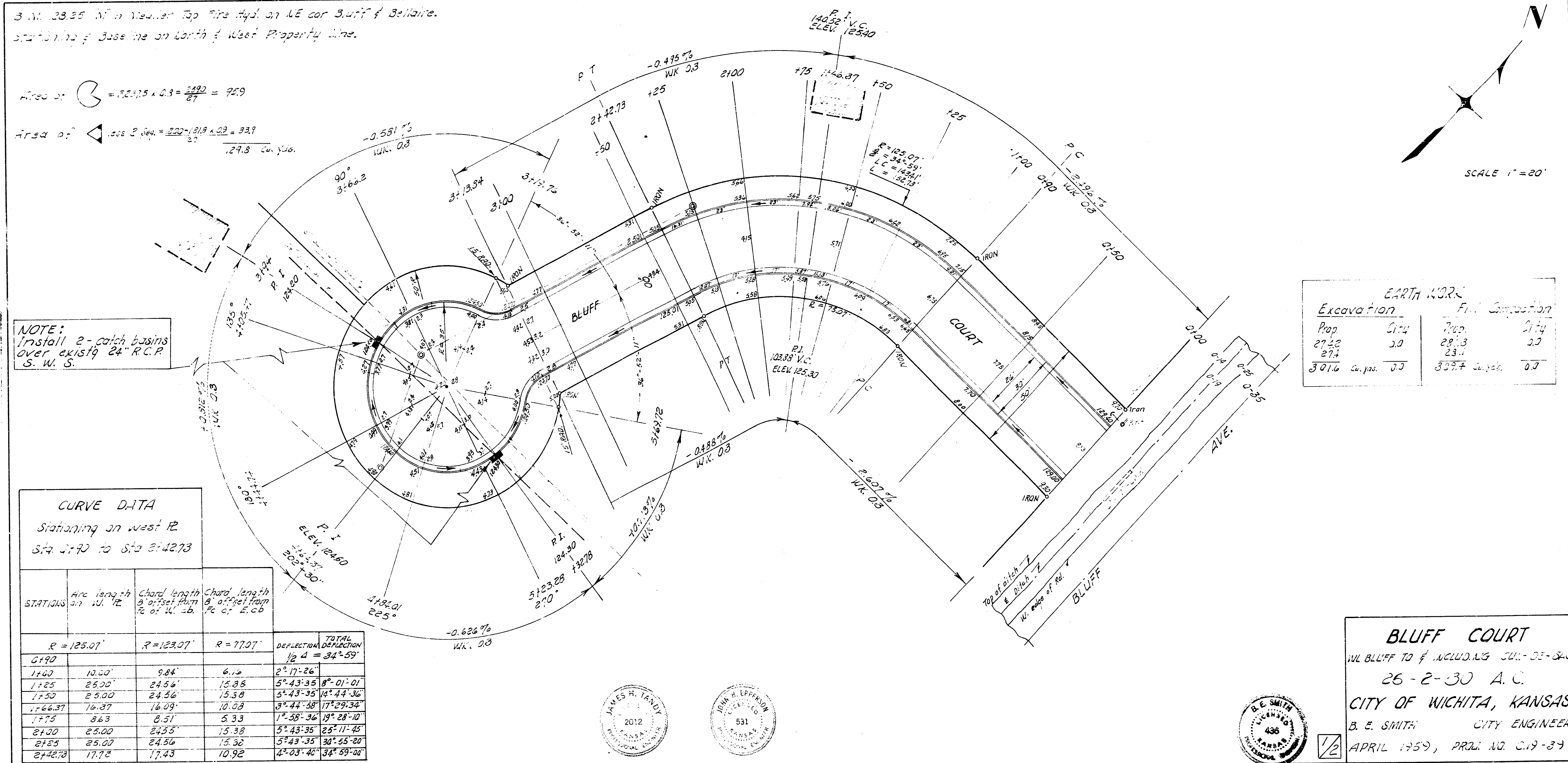
Area of $\bigcirc = 3.1415 \times 0.3 = \frac{2.92}{27} = 95.9$

Area of $\triangle = \frac{1}{2} \times \text{base} \times \text{height} = \frac{1}{2} \times 2.0 \times 0.2 = 0.2$
29.8 Cu. Yds.

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

CURVE DATA
Stationing on west 12
Sta 2+70 to Sta 2+42.73

STATIONS	Arc length on W. 12	Chord length to offset from P.C. or P.T.	Chord length to offset from P.C. or P.T.	DEFLECTION 1/2 Δ = 34° 59'	TOTAL DEFLECTION
2+70					
2+75	10.00'	9.84'	6.12'	2° 17' 26"	8° 01' 01"
2+80	20.00'	19.68'	12.24'	4° 34' 52"	16° 02' 02"
2+85	30.00'	29.52'	18.36'	6° 52' 28"	22° 54' 30"
2+90	40.00'	39.36'	24.48'	8° 09' 54"	31° 04' 24"
2+95	50.00'	49.20'	30.60'	10° 27' 30"	41° 31' 54"
2+00	60.00'	59.04'	36.72'	12° 45' 06"	54° 16' 60"
2+05	70.00'	68.88'	42.84'	14° 02' 42"	68° 18' 42"
2+10	80.00'	78.72'	48.96'	15° 20' 18"	83° 39' 00"
2+15	90.00'	88.56'	55.08'	16° 37' 54"	100° 16' 54"
2+20	100.00'	98.40'	61.20'	17° 55' 30"	118° 12' 24"
2+25	110.00'	108.24'	67.32'	19° 13' 06"	137° 25' 30"
2+30	120.00'	118.08'	73.44'	20° 30' 42"	157° 56' 12"
2+35	130.00'	127.92'	79.56'	21° 48' 18"	179° 34' 30"
2+40	140.00'	137.76'	85.68'	23° 06' 00"	202° 40' 30"
2+42.73	142.73'	139.92'	87.36'	23° 45' 00"	226° 25' 30"



EARTH WORK			
Excavation		Fill Composition	
Prop	City	Prop	City
27.22	2.0	29.13	2.0
27.4		29.1	
307.6 Cu. yds.	0.0	332.4 Cu. yds.	0.0

BLUFF COURT
W. BLUFF TO & INCLUDING JULY 23-30
26-2-30 A.C.
CITY OF WICHITA, KANSAS
B. E. SMITH CITY ENGINEER
APRIL 1959, PROJ. NO. C-19-37

