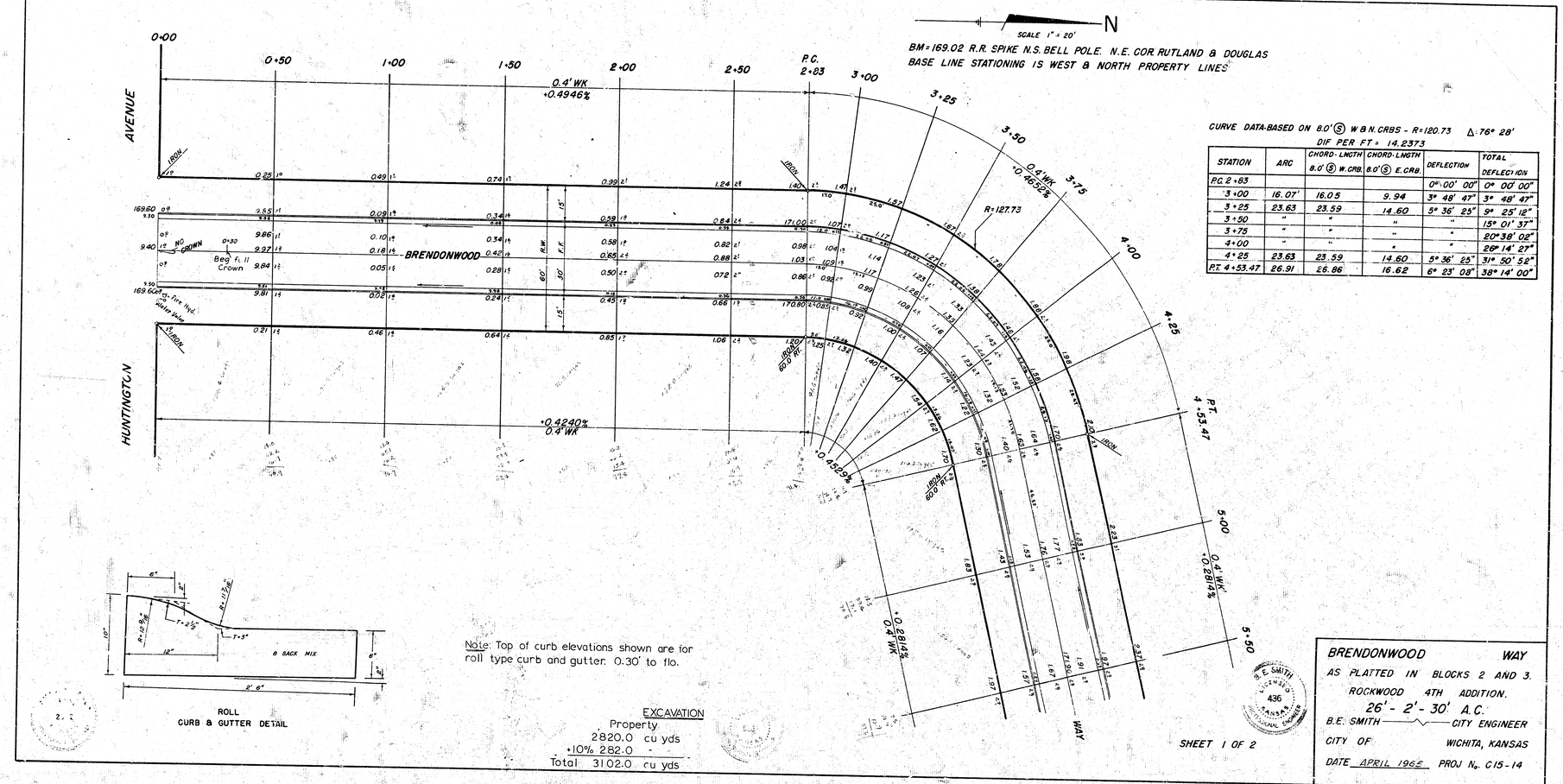
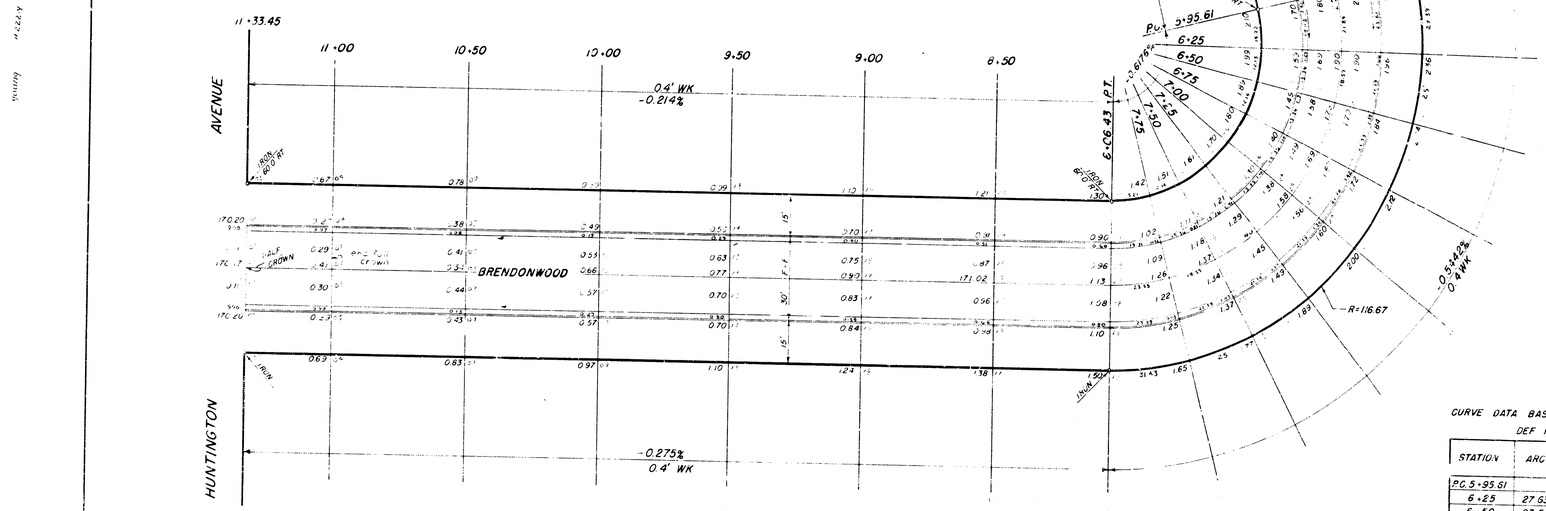

N
SCALE 1" = 20'
BM = 169.02 R.R. SPIKE N.S. BELL POLE. N.E. COR RUTLAND & DOUGLAS
BASE LINE STATIONING IS WEST & NORTH PROPERTY LINES
AVENUE
HUNTINGTON
BRENDONWOOD
0+00
0+50
1+00
1+50
2+00
2+50
P.C. 2+83
3+00
3+25
3+50
3+75
4+00
4+25
P.T. 4+53.47
5+00
5+50
0.4' WK +0.4946%
0.4' WK +0.4529%
0.4' WK +0.4240%
0.4' WK +0.2814%
0.4' WK +0.2814%
R=127.73
IRON
Beg. ft. of Crown
No Crown
Fire Hyd.
Water Valve
60' R/W
40' F.F.
15'
169.60
169.62
9.40
9.50
170.80
171.00
CURVE DATA-BASED ON 8.0' (S) W & N. CRBS - R=120.73 Δ=76° 28'
DIF PER FT = 14.2373
STATION | ARC | CHORD-LNGTH 8.0' (S) W. CRB. | CHORD-LNGTH 8.0' (S) E. CRB. | DEFLECTION | TOTAL DEFLECTION
P.C. 2+83 | | | | 0° 00' 00" | 0° 00' 00"
3+00 | 16.07' | 16.05 | 9.94 | 3° 48' 47" | 3° 48' 47"
3+25 | 23.63 | 23.59 | 14.60 | 5° 36' 25" | 9° 25' 12"
3+50 | " | " | " | " | 15° 01' 37"
3+75 | " | " | " | " | 20° 38' 02"
4+00 | " | " | " | " | 26° 14' 27"
4+25 | 23.63 | 23.59 | 14.60 | 5° 36' 25" | 31° 50' 52"
P.T. 4+53.47 | 26.91 | 26.86 | 16.62 | 6° 23' 08" | 38° 14' 00"
6"
2"
R=12.73"
R=0.5"
T=0.5"
T=3"
10"
12"
8 BACK MIX
6"
2' 6"
ROLL
CURB & GUTTER DETAIL
Note: Top of curb elevations shown are for roll type curb and gutter. 0.30' to flo.
EXCAVATION
Property 2820.0 cu yds
+10% 282.0 - -
Total 3102.0 cu yds
B.E. SMITH LICENSED KANSAS 436 PROFESSIONAL ENGINEER
SHEET 1 OF 2
BRENDONWOOD WAY
AS PLATTED IN BLOCKS 2 AND 3.
ROCKWOOD 4TH ADDITION.
26' - 2' - 30' A.C.
B.E. SMITH — CITY ENGINEER
CITY OF WICHITA, KANSAS
DATE APRIL 1965 PROJ No. C15-14

N

BASE LINE STATIONING IS NORTH & EAST PROPERTY LINES



CURVE DATA BASED ON 8.0' S N & E CURBS R=109.67 103°32'
DEF PER FT = 15.67.31 L = 198.17

STATION	ARC	CHORD LNGTH 8.0' S N.C.B.	CHORD LNGTH 8.0' S S.C.B.	DEFLECTION	TOTAL DEFLECTION
P.C. 5+95.61				0° 00' 00"	0° 00' 00"
6+25	27.63	27.56	16.00	7° 13' 03"	7° 13' 03"
6+50	23.50	23.45	13.62	6° 08' 19"	13° 21' 22"
6+75	"	"	"	"	19° 29' 41"
7+00	"	"	"	"	25° 38' 00"
7+25	"	"	"	"	31° 46' 19"
7+50	"	"	"	"	37° 54' 38"
7+75	23.50	23.45	13.62	6° 08' 19"	44° 02' 57"
P.T. 6+06.43	29.54	29.45	17.10	7° 42' 59"	51° 45' 56"

SHEET 2 OF 2 C15-14