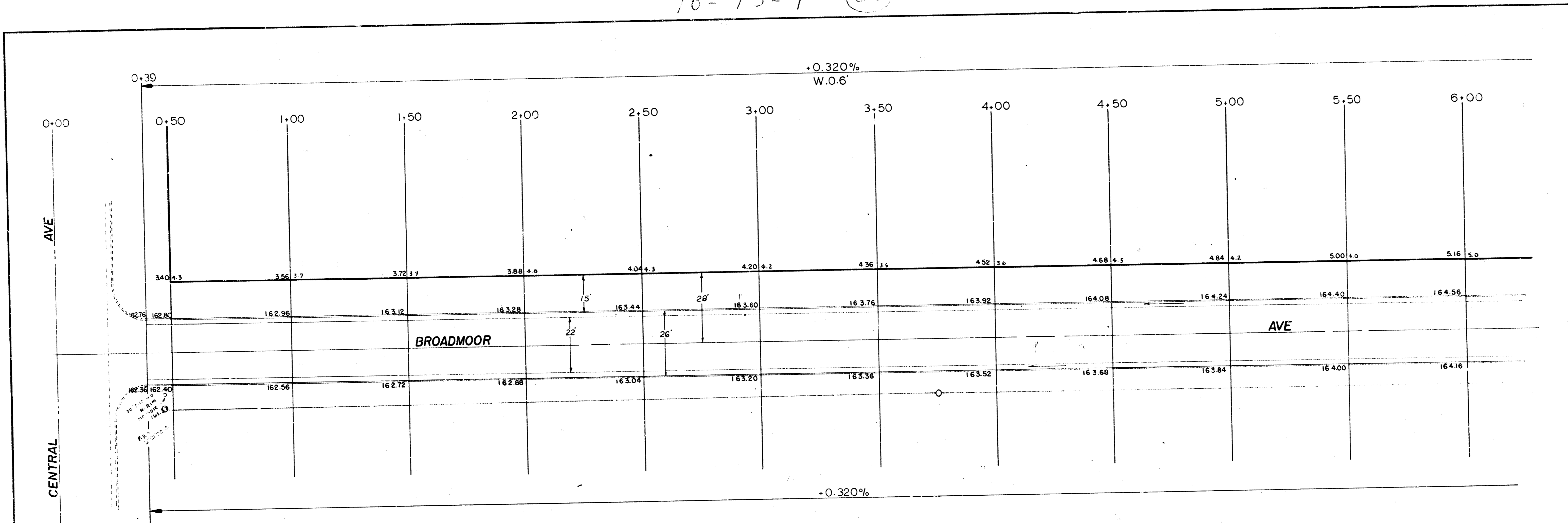


10-13-1-20



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 10-13-1-20  
 10-13-1-20

B.M. = 164.88 R.R. Spike N.S. Bell Pole on N.W. Cor. Broadmoor & Central  
 B.M. = 175.11 Extreme S.W. Cor. of Stone Slab on Brick Mon. on N.W. Cor. Central & Tallyrand  
 B.M. = 170.45 R.R. Spike E. Side Bell Pole on N. Side - Elm - E.L. Woodlawn 2nd Addn  
 B.M. = 171.33 "X" Cut on N. Rim of Manhole Ring N.S. Rutland - E.L. Woodlawn 2nd Addn  
 B.M. = 173.69 "R" in Ritchie Top of S. Curb Cresthill - E.L. Woodlawn 2nd Addn

Scale 1" = 20'



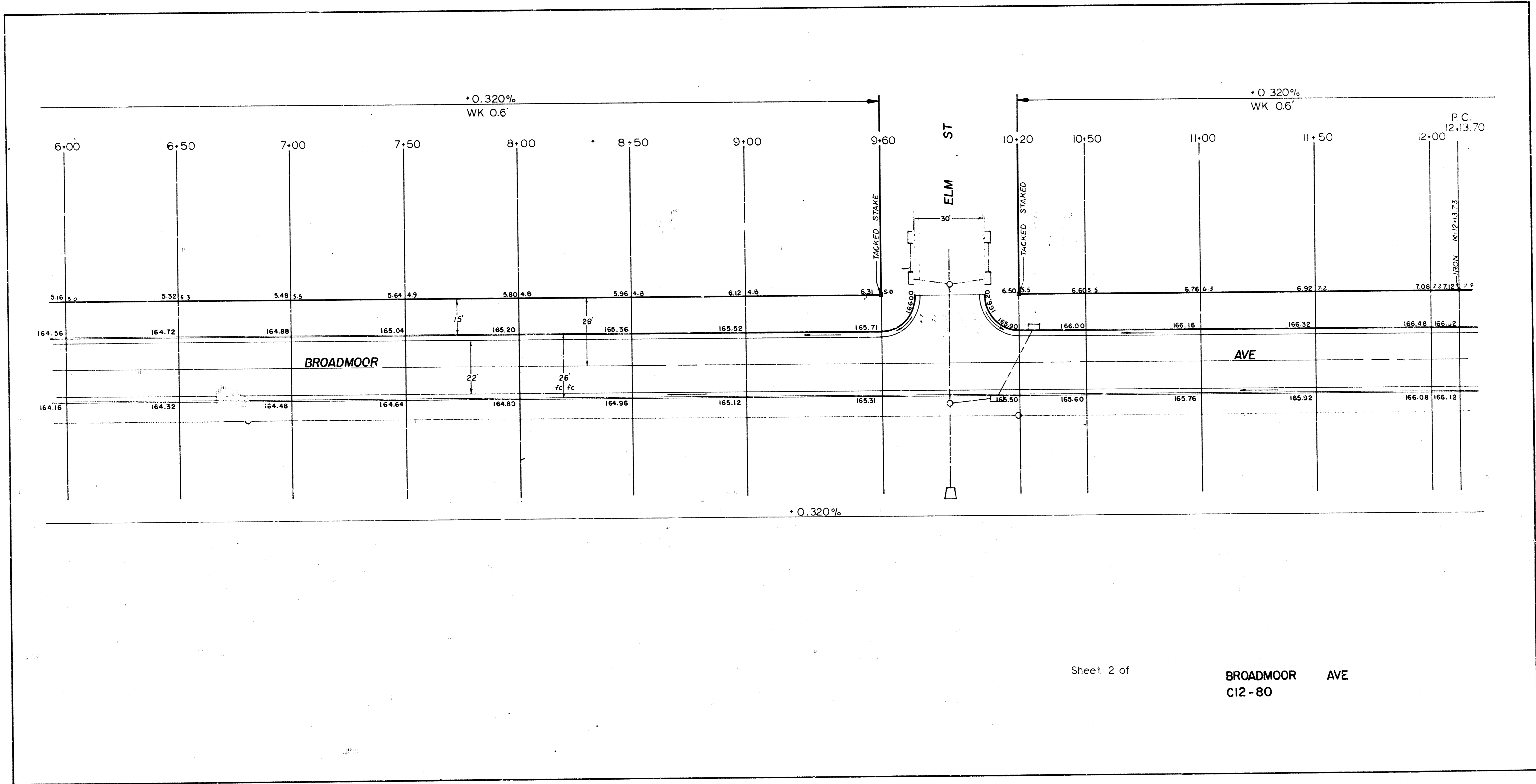
Sheet 1 of 8



<i>Exc.</i>	<i>Fill</i>
14.11 cu yds	20.2 cu yds
17.7 cu yds	20.2 cu yds



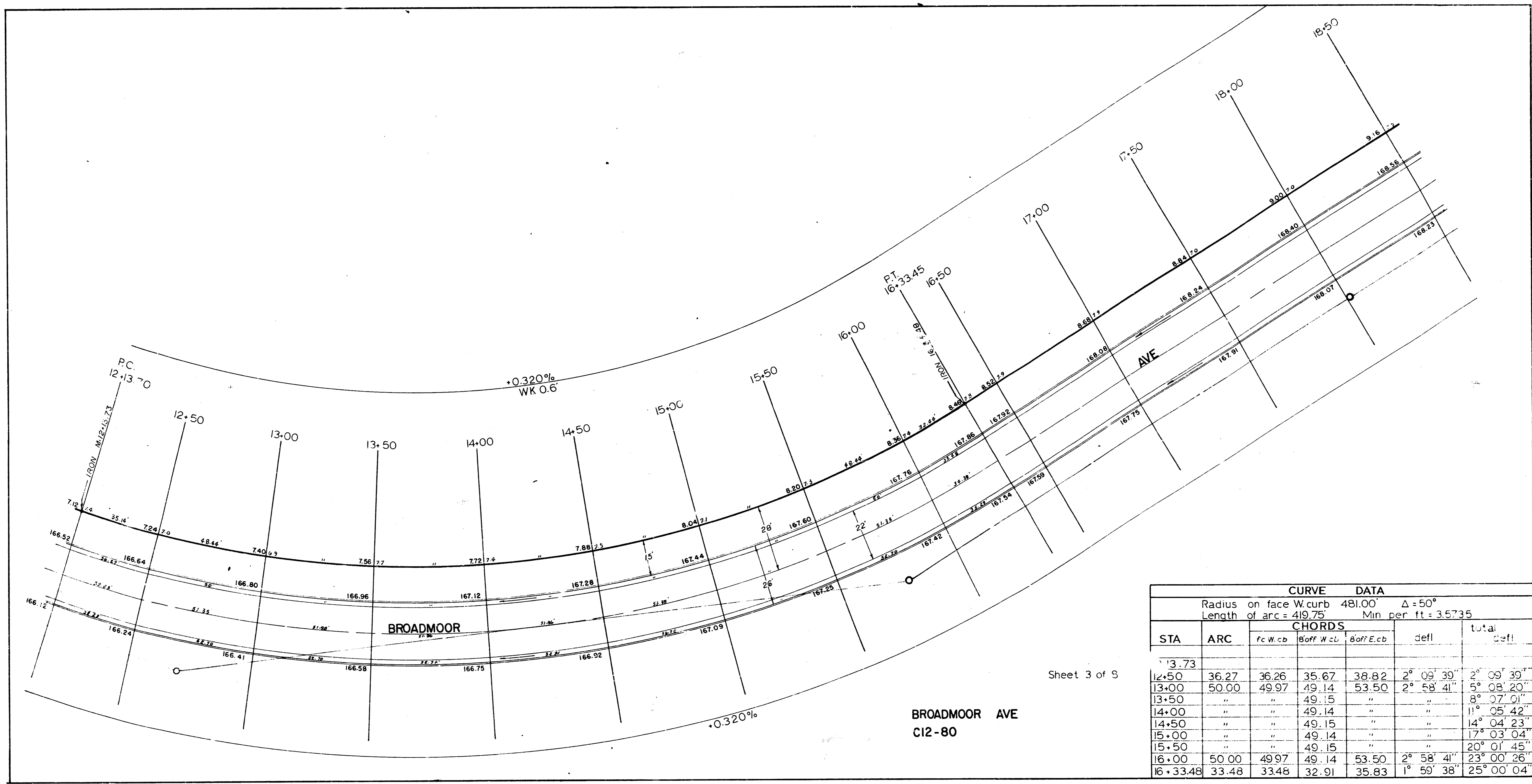
**BROADMOOR AVE. W.S.**  
 N.L. CENTRAL to N.L. CRESTHILL  
 22 - 2 - 26 A.C.  
 CITY OF WICHITA, KANSAS  
 B.E. SMITH CITY ENGINEER  
 DATE: *June, 1963* PROJ C12-80



Sheet 2 of

BROADMOOR AVE  
C12-80

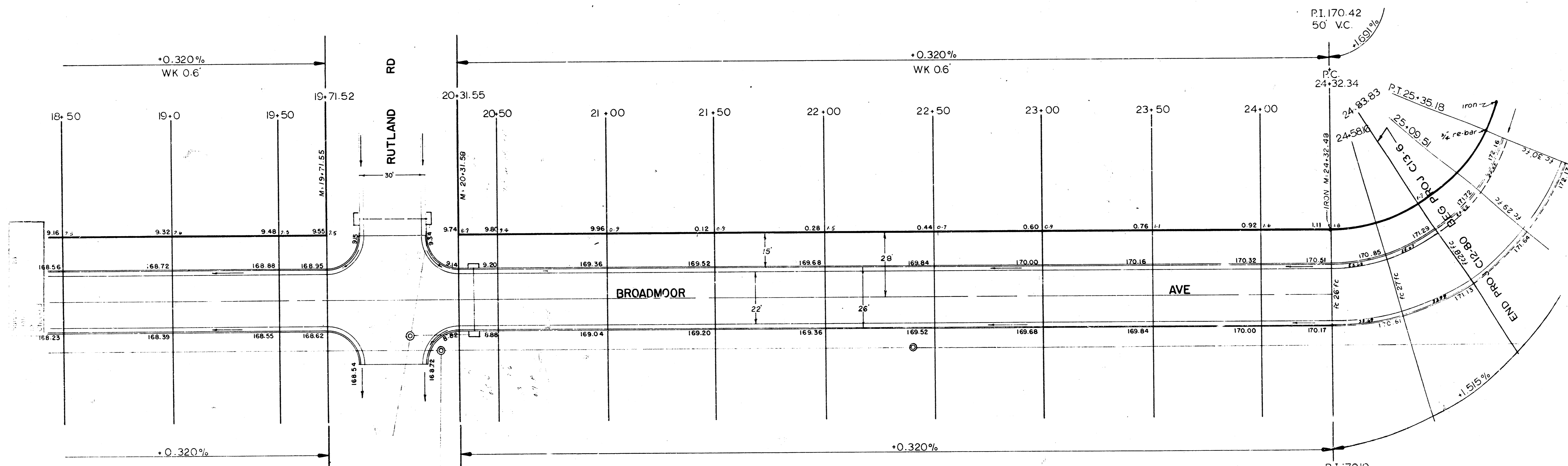
Survey  
Plan  
C.D. & G.



Sheet 3 of 3

CURVE DATA						
		Radius on face W curb		481.00'	$\Delta = 50^\circ$	
		Length of arc		419.75'	Min per ft = 3.5735	
STA	ARC	CHORDS			defl	total defl
		fc W curb	Boff W cl	Boff E cb		
12+50	36.27	36.26	35.67	38.82	2° 09' 39"	2° 09' 39"
13+00	50.00	49.97	49.14	53.50	2° 58' 41"	5° 08' 20"
13+50	"	"	49.15	"	"	8° 07' 01"
14+00	"	"	49.14	"	"	11° 05' 42"
14+50	"	"	49.15	"	"	14° 04' 23"
15+00	"	"	49.14	"	"	17° 03' 04"
15+50	"	"	49.15	"	"	20° 01' 45"
16+00	50.00	49.97	49.14	53.50	2° 58' 41"	23° 00' 26"
16+33.48	33.48	33.48	32.91	35.83	1° 59' 38"	25° 00' 04"

CURVE DATA					
Radius on face of W. curb		84.99'		$\Delta = 69^{\circ} 14' 00''$	
Length of arc =		102.70'		Min per ft = 20.22441'	
STA	ARC	CHORDS		defl	total defl
		fc W. cb	to 7' W. cb		
24+32.48					
24+58.16	25.68	25.58	23.17	8° 39' 21"	18° 39' 21"
24+83.83	25.67	25.57	23.16	8° 39' 09"	17° 18' 30"
25+09.51	25.68	25.58	23.17	8° 39' 21"	25° 57' 51"
25+35.18	25.67	25.57	23.16	8° 39' 09"	34° 37' 00"



NOTE: Non-standard comb. cb. gph. with mastic joint & dowel steel is to be used on east radii @ Rutland intersection.

P.I. 170.10  
50' V.C.  
Sheet 4 of 8

BROADMOOR AVE  
C12-80