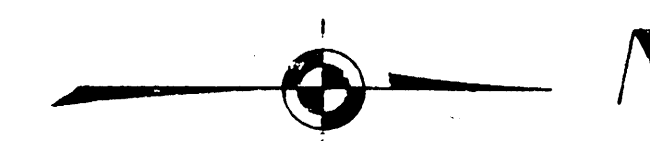
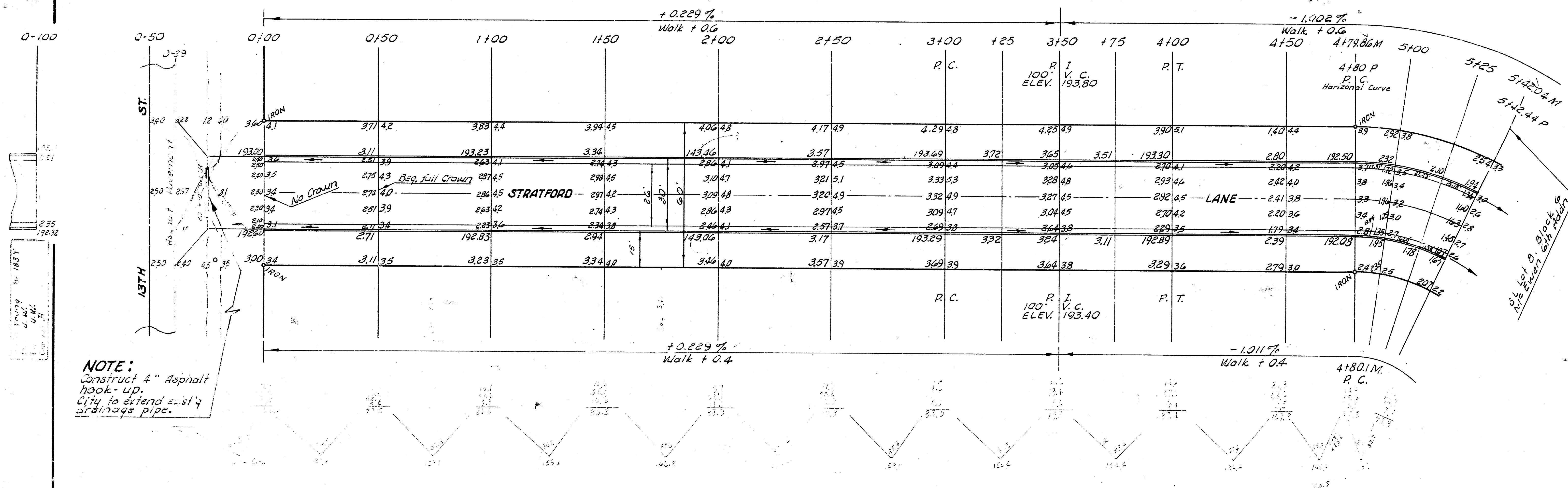


3 M. 197-9" from NE cor. Stone Pilaster base 1/4 mi. E. Woodlawn @ S.S. 13th.
 B.M. 194-2 Extreme NW cor. conc. Parch Ho# 6701 E. 13th.
 S.C. on West 12.

CURVE DATA					
Sta. 4+79.86 to Sta. 5+42.40					
Sta. on West 12					
R = 135.35'					
$\Delta = 13^{\circ} 09' 40''$					
Min. per lin. ft. = 12.69971					
Stations	Arc length on West 12	Chord length & offset from face of W. cb. R = 124.35'	Chord length & offset from face of E. cb. R = 82.35'	Deflection	Total Deflection
PC 4+79.86					
5+00	20.14'	19.08'	12.24'	4° 15' 46"	4° 15' 46"
5+25	25.00'	23.67'	15.19'	5° 17' 30"	9° 33' 16"
5+42.40	17.04'	16.15'	10.36'	3° 36' 24"	13° 09' 40"

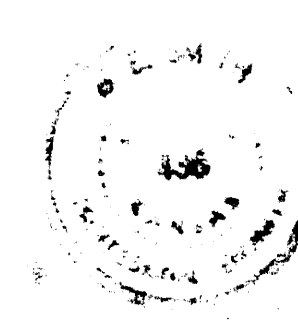


Scale 1" = 20'



NOTE:
 Construct 4" Asphalt
 hook-up.
 City to extend exist'g
 drainage pipe.

EARTHWORK	
Excavation	
CITY	PROR
48.4	162.3
4.8	162.3
53.2	1,785.6 Cu. Yds



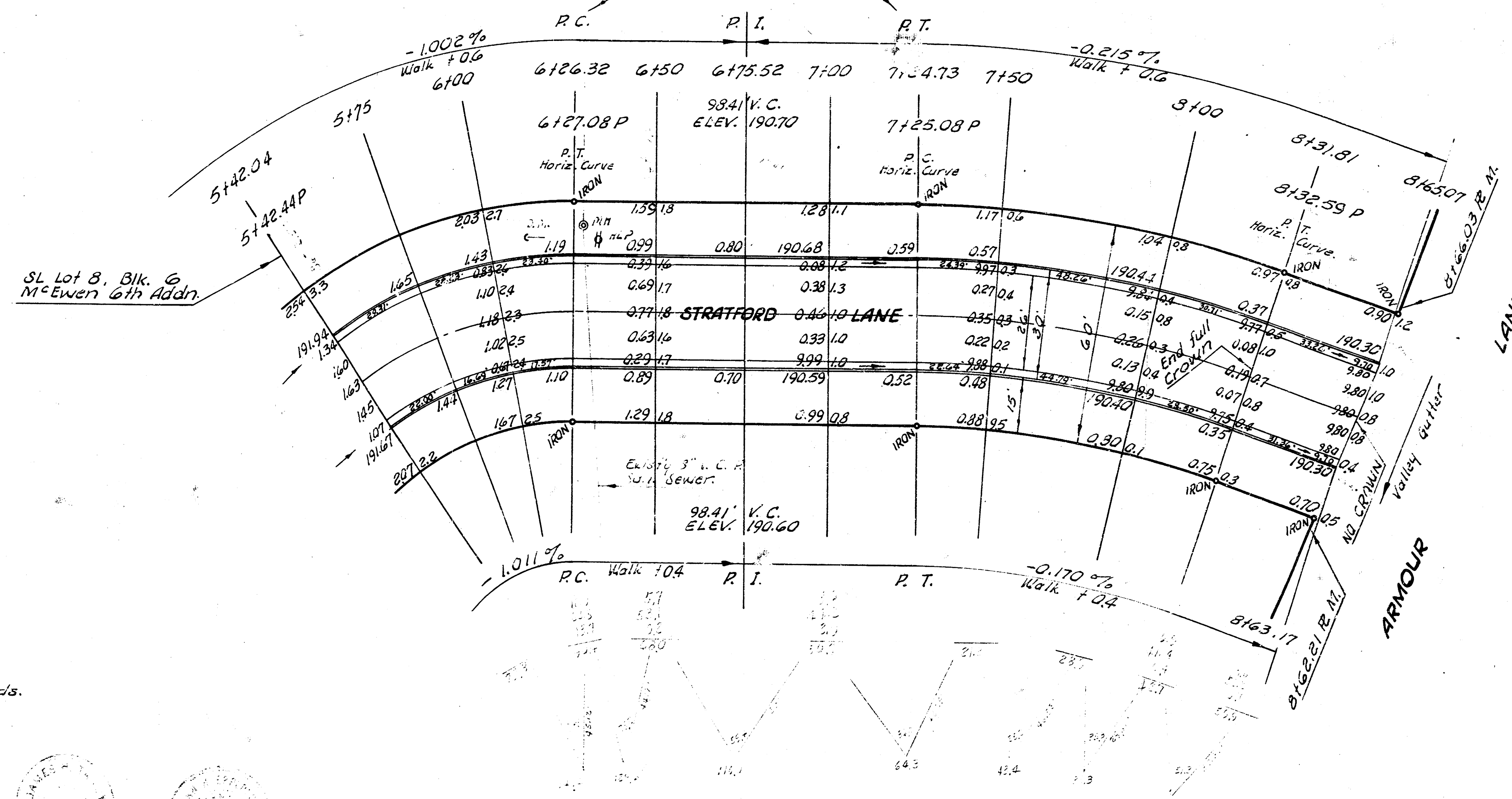
STRATFORD LANE
 AL 13TH ST. TO SL LOT 3, BLK. 6
 NEWEN 6TH ADDN.
 26'-2'-30" A.C.
 CITY OF WICHITA KANSAS
 B. E. SMITH CITY ENGINEER
 MAY 1961 PROJ. NO. G19-35

CURVE DATA					
Sta. 5142.04 to Sta. 6126.32					
Sta. on North 12					
R = 135.35'					
$\frac{A}{2} = 17^{\circ} 50' 20''$					
Min. per lin. ft. = 12.69971					
Stations	Arc length on North 12	Chord length 8' offset from face of N. cb R = 128.35'	Chord length 8' offset from face of S. cb R = 32.35'	Deflection	Total Deflection
5142.04					
5175	32.96'	31.18'	20.00'	6° 58' 35"	6° 58' 35"
6100	25.00'	23.68'	15.19'	5° 17' 30"	12° 16' 05"
6126.32	26.32'	24.92'	15.99'	5° 34' 15"	17° 50' 20"

B. M. 197.49 " on N.E. cor. stone Pilaster Base 1/2 mi. E. Woodlawn @ S. S. 13th.
 B. M. 194.12 Extreme NW cor. conc. porch Ho # 6701 E. 13th.
 Sta. on North 12.

NOTE:
 P.C. & P.T. are for the vertical curve.

CURVE DATA					
Sta. 7124.73 to Sta. 8131.81					
Sta. on North 12					
R = 432.04'					
$\frac{A}{2} = 7^{\circ} 06' 00''$					
Min. per lin. ft. = 3.978333					
Stations	Arc length on North 12	Chord length 8' offset from face of N. cb R = 425.04'	Chord length 8' offset from face of S. cb R = 373.04'	Deflection	Total Deflection
P.C. 7124.73					
7150	25.27'	24.85'	22.16'	1° 40' 32"	1° 40' 32"
8100	50.00'	49.10'	43.84'	3° 18' 55"	4° 59' 27"
P.T. 8131.81	31.81'	31.33'	27.90'	2° 06' 33"	7° 36' 00"



EARTHWORK
 Excavation
 Prop.
 583.4
 50.9
 648.3 Cu. yds.

STRATFORD LANE
 SL LOT 8, BLK. 6 TO WL ARMOUR
 IN McEWEN 6TH ADDN.
 26'-2'-30" A.C.
 CITY OF WICHITA, KANSAS
 B. E. SMITH CITY ENGINEER
 MAY 1961 PROJ. NO. C19-36