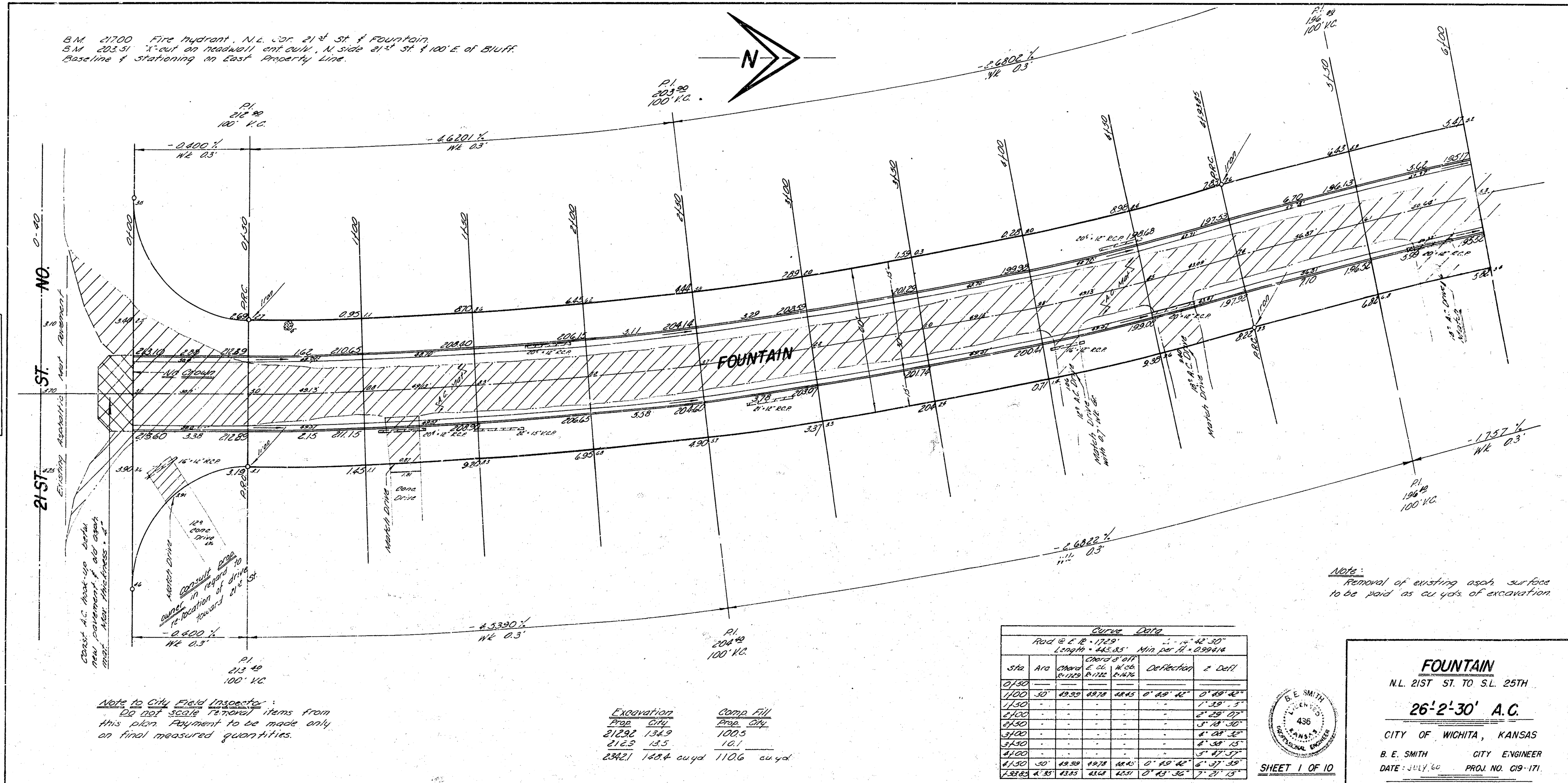


S.M. 01700 Fire Hydrant, N.E. Cor. 21st St & Fountain
 S.M. 20151 1'-cut on roadwall ent. culv. N. side 21st St & 100' E. of Bluff.
 Baseline & stationing on East Property Line.



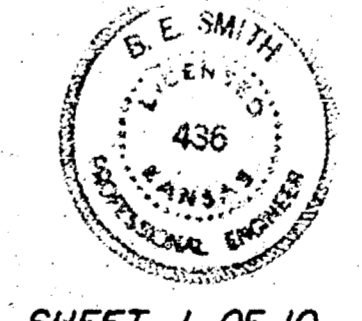
REVISIONS
 NO. DATE BY
 1 11/15/60 E.P.S. Change

Check A.C. that up both
 man. pavement & 40' depth
 2021. NEAR INTERSECTION. 1'

Notes to City Field Inspector:
 Do not scale removal items from
 this plan. Payment to be made only
 on final measured quantities.

Excavation	Comp. Fill
Prod. City	Prod. City
212.9 134.9	100.5
212.9 12.5	10.1
234.21 168.4 cu yd	110.6 cu yd

CUTS DATA						
Road @ E. B. 172.9' L. 12' 42' 30"						
Length = 425.85 Min. per ft. = 0.99414						
Sta	Area	Channa	E. 22	W. 22	Det. (ft)	2. Det. (ft)
0+00						
0+50	49.29	49.78	48.45	0' 48" 42"	0' 49" 42"	
1+00						1' 38" 3"
1+50						2' 28" 0"
2+00						3' 18" 30"
2+50						4' 08" 30"
3+00						4' 58" 30"
3+50						5' 47" 30"
4+00						6' 37" 30"
4+50	50	49.39	49.78	48.45	0' 48" 42"	6' 27" 30"
5+00	4.85	4.85	4.85	4.85	0' 43" 30"	7' 21" 3"

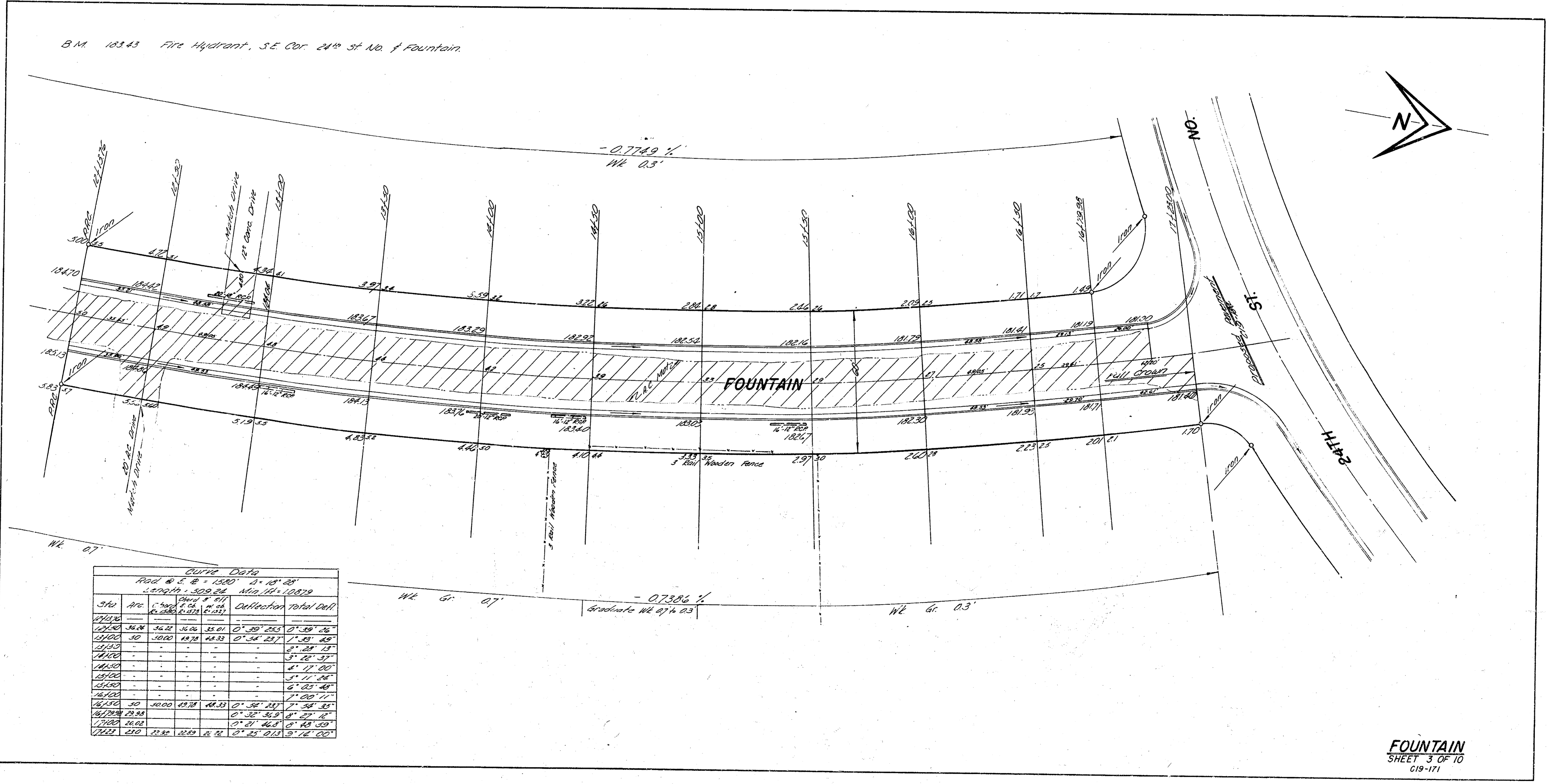


SHEET 1 OF 10

FOUNTAIN
 N.L. 21st ST. TO S.L. 25th
26'-2'-30' A.C.
 CITY OF WICHITA, KANSAS
 B. E. SMITH CITY ENGINEER
 DATE: July 60 PROJ. NO. 019-171

Note:
 Removal of existing asphalt surface
 to be paid as cu yds. of excavation

B.M. 18343 Fire Hydrant, S.E. Cor. 24th St. No. of Fountain.



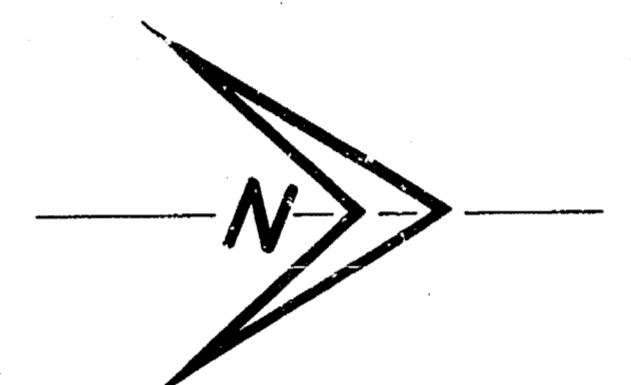
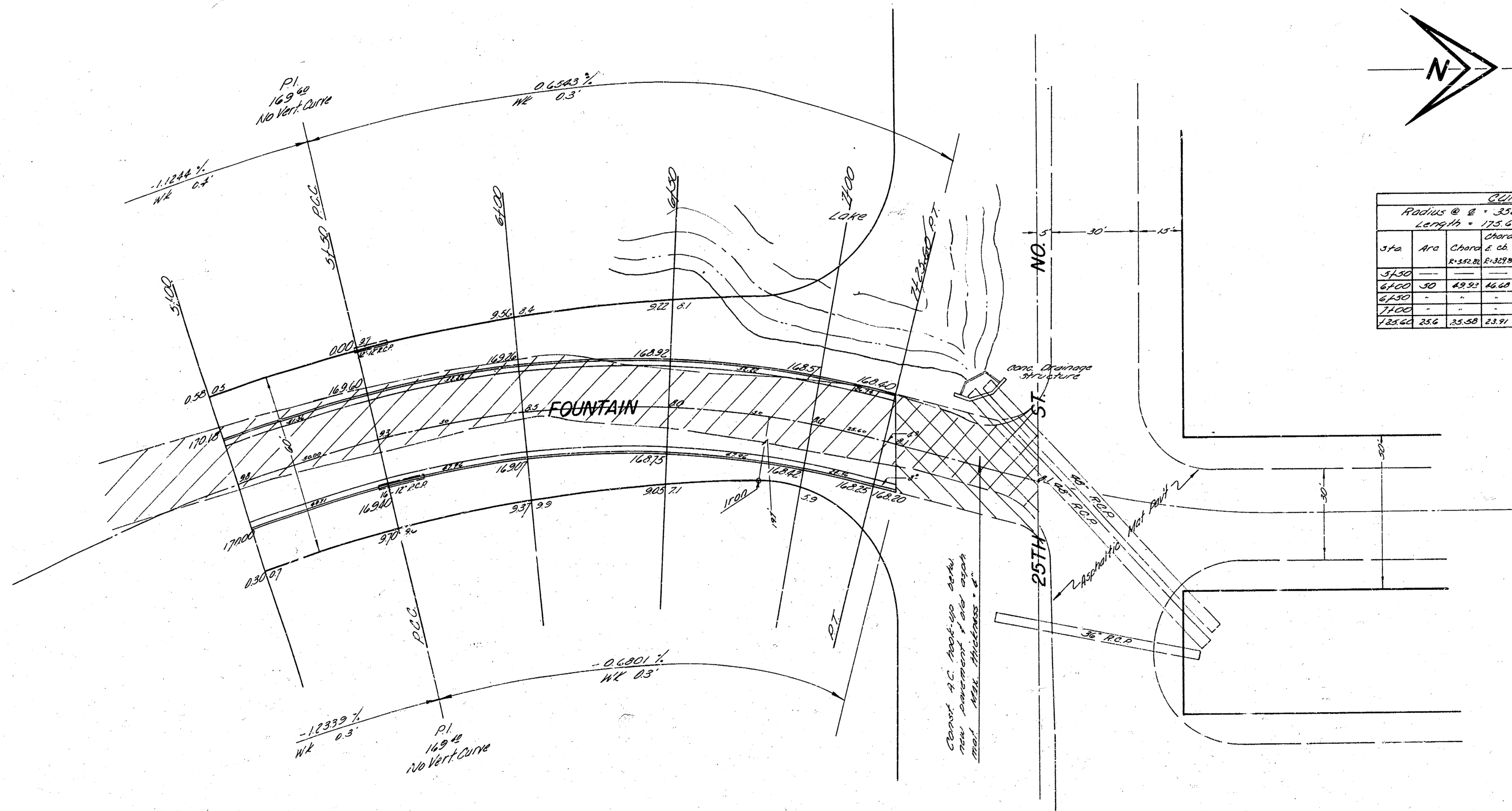
CURVE DATA

Rad. 8' 2" 2' 580' 2' 18' 28"

5.200th 1.300 24' 180.00' 1.0029

Sta	Arc	Chord	Delta	Deflection	Total Defl.
18470	10.00	10.00	0° 00' 00"	0° 00' 00"	0° 00' 00"
18480	10.00	10.00	0° 30' 26"	0° 30' 26"	0° 30' 26"
18490	10.00	10.00	0° 59' 52"	0° 59' 52"	0° 59' 52"
18500	10.00	10.00	1° 29' 18"	1° 29' 18"	1° 29' 18"
18510	10.00	10.00	2° 00' 00"	2° 00' 00"	2° 00' 00"
18520	10.00	10.00	2° 30' 26"	2° 30' 26"	2° 30' 26"
18530	10.00	10.00	3° 00' 00"	3° 00' 00"	3° 00' 00"
18540	10.00	10.00	3° 30' 26"	3° 30' 26"	3° 30' 26"
18550	10.00	10.00	4° 00' 00"	4° 00' 00"	4° 00' 00"
18560	10.00	10.00	4° 30' 26"	4° 30' 26"	4° 30' 26"
18570	10.00	10.00	5° 00' 00"	5° 00' 00"	5° 00' 00"
18580	10.00	10.00	5° 30' 26"	5° 30' 26"	5° 30' 26"
18590	10.00	10.00	6° 00' 00"	6° 00' 00"	6° 00' 00"
18600	10.00	10.00	6° 30' 26"	6° 30' 26"	6° 30' 26"
18610	10.00	10.00	7° 00' 00"	7° 00' 00"	7° 00' 00"
18620	10.00	10.00	7° 30' 26"	7° 30' 26"	7° 30' 26"
18630	10.00	10.00	8° 00' 00"	8° 00' 00"	8° 00' 00"
18640	10.00	10.00	8° 30' 26"	8° 30' 26"	8° 30' 26"
18650	10.00	10.00	9° 00' 00"	9° 00' 00"	9° 00' 00"
18660	10.00	10.00	9° 30' 26"	9° 30' 26"	9° 30' 26"
18670	10.00	10.00	10° 00' 00"	10° 00' 00"	10° 00' 00"
18680	10.00	10.00	10° 30' 26"	10° 30' 26"	10° 30' 26"
18690	10.00	10.00	11° 00' 00"	11° 00' 00"	11° 00' 00"
18700	10.00	10.00	11° 30' 26"	11° 30' 26"	11° 30' 26"
18710	10.00	10.00	12° 00' 00"	12° 00' 00"	12° 00' 00"
18720	10.00	10.00	12° 30' 26"	12° 30' 26"	12° 30' 26"
18730	10.00	10.00	13° 00' 00"	13° 00' 00"	13° 00' 00"
18740	10.00	10.00	13° 30' 26"	13° 30' 26"	13° 30' 26"
18750	10.00	10.00	14° 00' 00"	14° 00' 00"	14° 00' 00"
18760	10.00	10.00	14° 30' 26"	14° 30' 26"	14° 30' 26"
18770	10.00	10.00	15° 00' 00"	15° 00' 00"	15° 00' 00"
18780	10.00	10.00	15° 30' 26"	15° 30' 26"	15° 30' 26"
18790	10.00	10.00	16° 00' 00"	16° 00' 00"	16° 00' 00"
18800	10.00	10.00	16° 30' 26"	16° 30' 26"	16° 30' 26"
18810	10.00	10.00	17° 00' 00"	17° 00' 00"	17° 00' 00"
18820	10.00	10.00	17° 30' 26"	17° 30' 26"	17° 30' 26"
18830	10.00	10.00	18° 00' 00"	18° 00' 00"	18° 00' 00"
18840	10.00	10.00	18° 30' 26"	18° 30' 26"	18° 30' 26"
18850	10.00	10.00	19° 00' 00"	19° 00' 00"	19° 00' 00"
18860	10.00	10.00	19° 30' 26"	19° 30' 26"	19° 30' 26"
18870	10.00	10.00	20° 00' 00"	20° 00' 00"	20° 00' 00"
18880	10.00	10.00	20° 30' 26"	20° 30' 26"	20° 30' 26"
18890	10.00	10.00	21° 00' 00"	21° 00' 00"	21° 00' 00"
18900	10.00	10.00	21° 30' 26"	21° 30' 26"	21° 30' 26"
18910	10.00	10.00	22° 00' 00"	22° 00' 00"	22° 00' 00"
18920	10.00	10.00	22° 30' 26"	22° 30' 26"	22° 30' 26"
18930	10.00	10.00	23° 00' 00"	23° 00' 00"	23° 00' 00"
18940	10.00	10.00	23° 30' 26"	23° 30' 26"	23° 30' 26"
18950	10.00	10.00	24° 00' 00"	24° 00' 00"	24° 00' 00"
18960	10.00	10.00	24° 30' 26"	24° 30' 26"	24° 30' 26"
18970	10.00	10.00	25° 00' 00"	25° 00' 00"	25° 00' 00"
18980	10.00	10.00	25° 30' 26"	25° 30' 26"	25° 30' 26"
18990	10.00	10.00	26° 00' 00"	26° 00' 00"	26° 00' 00"
19000	10.00	10.00	26° 30' 26"	26° 30' 26"	26° 30' 26"

B.M. 7003 Fire Hydrant, N.W. Cor. 25th St. & Fountain.



Curve Data

Sta	Arc	Chord	d.c.	M.C.	Deflection	Total Defl.
3130	---	---	---	---	---	---
3100	30	49.95	16.68	59.76	4° 03' 28"	4° 03' 28"
3130	---	---	---	---	---	---
3100	---	---	---	---	---	12° 10' 28"
3050	356	35.50	23.91	87.58	2° 04' 35"	14° 15' 03"

FOUNTAIN
SHEET 5 OF 10
019-171