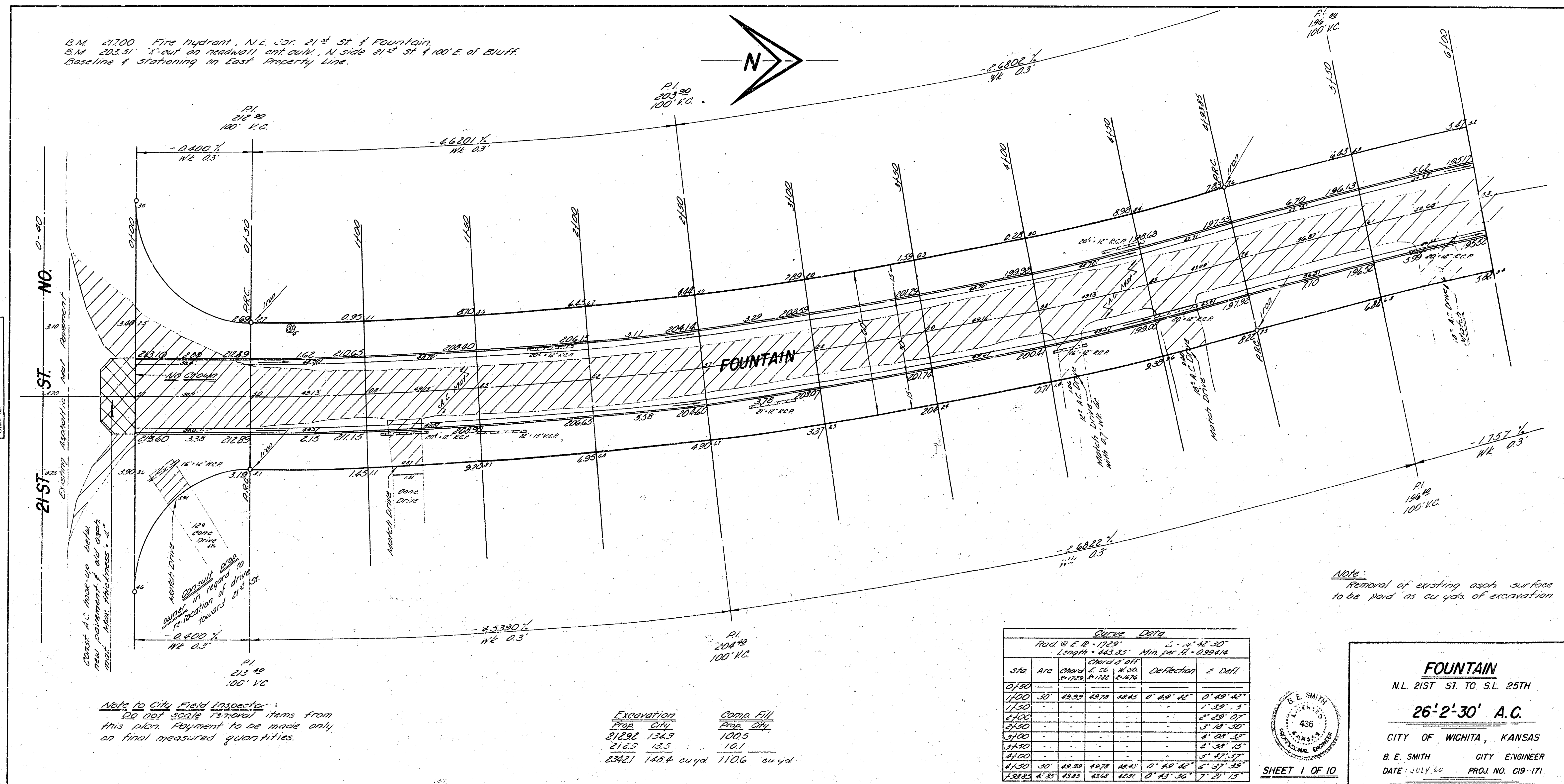
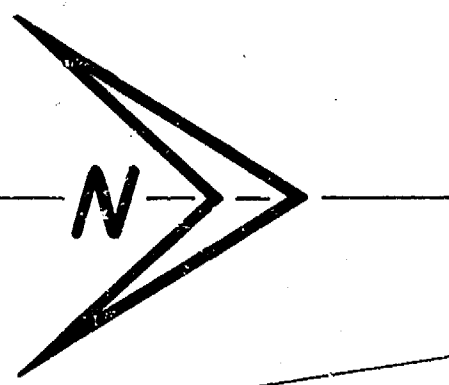


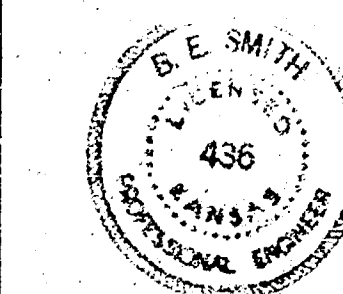
B.M. 21700 Fire Hydrant, N.E. Cor. 21st St & Fountain.  
 B.M. 20351 1" cut on roadwall ent. curb, N side 21st St & 100' E of Bluff.  
 Baseline & Stationing on East Property Line.



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  |
|--------------------|-------------|
| 212.9 134.9        | 100.5       |
| 212.9 18.5         | 10.1        |
| 234.21 168.4 cu yd | 110.6 cu yd |

| CUT & FILL DATA                         |       |       |       |            |            |
|-----------------------------------------|-------|-------|-------|------------|------------|
| Road @ E. B. 1729'                      |       |       |       |            |            |
| Length = 425.85' Min. per ft. = 0.99414 |       |       |       |            |            |
| Sta.                                    | Area  | Chord | Chord | Deflection | Defl.      |
| 0+00                                    | -     | -     | -     | -          | -          |
| 0+50                                    | 48.39 | 48.78 | 48.45 | 0' 48" 42" | 0' 49" 42" |
| 1+00                                    | -     | -     | -     | -          | -          |
| 1+50                                    | -     | -     | -     | -          | -          |
| 2+00                                    | -     | -     | -     | -          | -          |
| 2+50                                    | -     | -     | -     | -          | -          |
| 3+00                                    | -     | -     | -     | -          | -          |
| 3+50                                    | -     | -     | -     | -          | -          |
| 4+00                                    | -     | -     | -     | -          | -          |
| 4+50                                    | 50    | 48.39 | 48.78 | 0' 48" 42" | 0' 49" 42" |
| 5+00                                    | 48.39 | 48.78 | 48.45 | 0' 48" 42" | 0' 49" 42" |
| 5+50                                    | 48.39 | 48.78 | 48.45 | 0' 48" 42" | 0' 49" 42" |



SHEET 1 OF 10

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

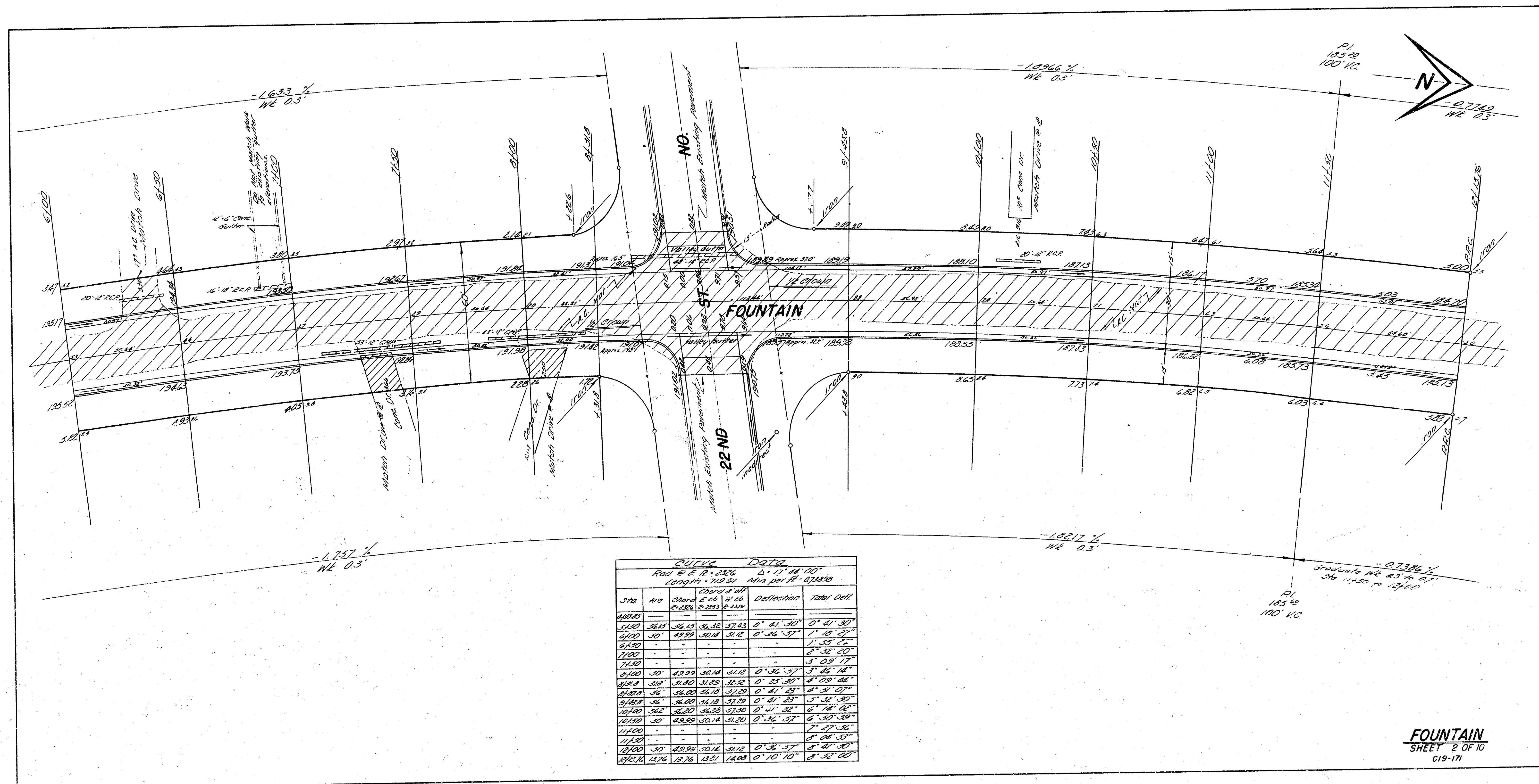
**FOUNTAIN**  
 N.L. 21ST ST. TO S.L. 25TH

**26'-2'-30' A.C.**

CITY OF WICHITA, KANSAS

B. E. SMITH CITY ENGINEER  
 DATE: JULY 60 PROJ. NO. C19-171

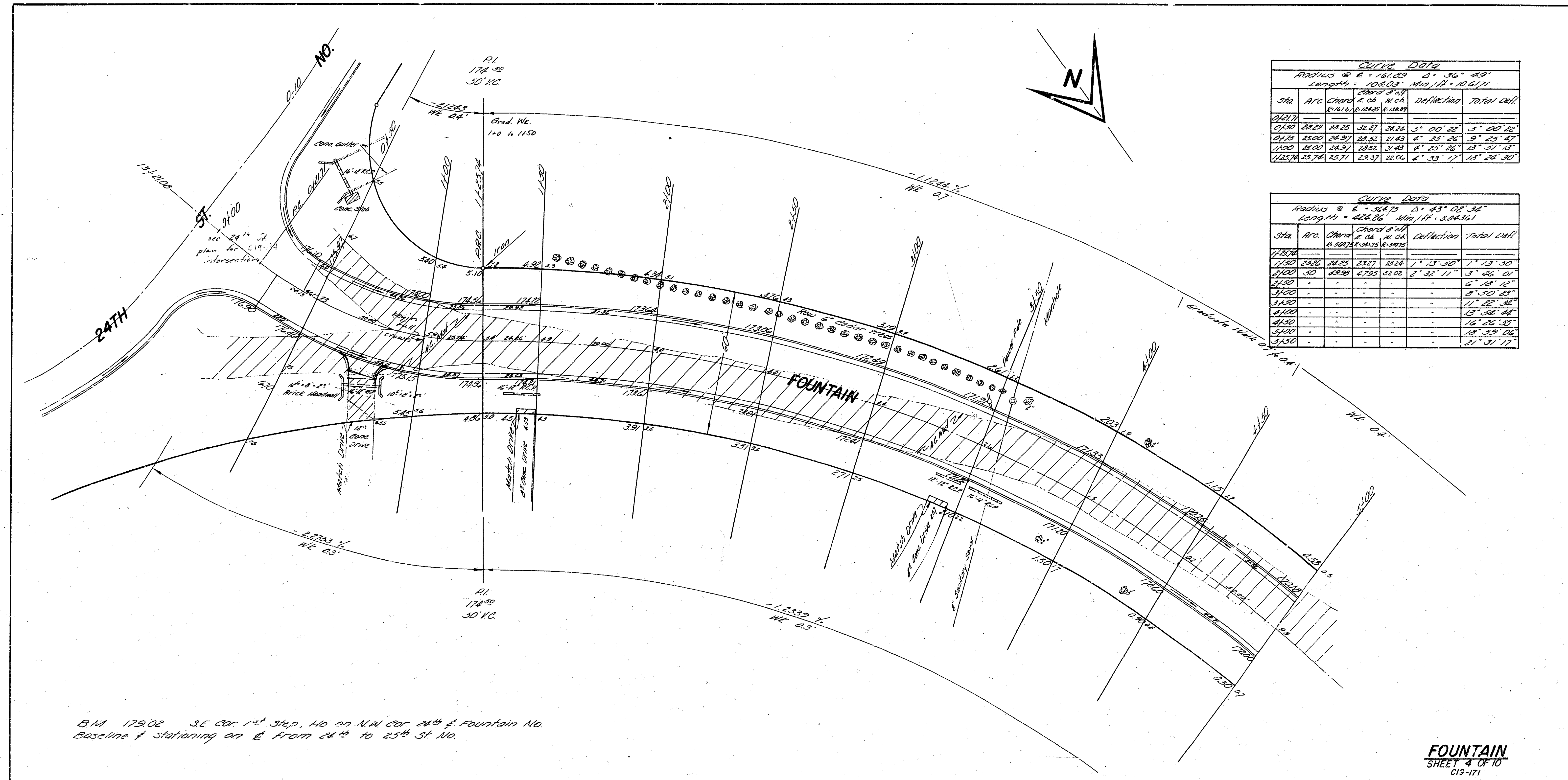












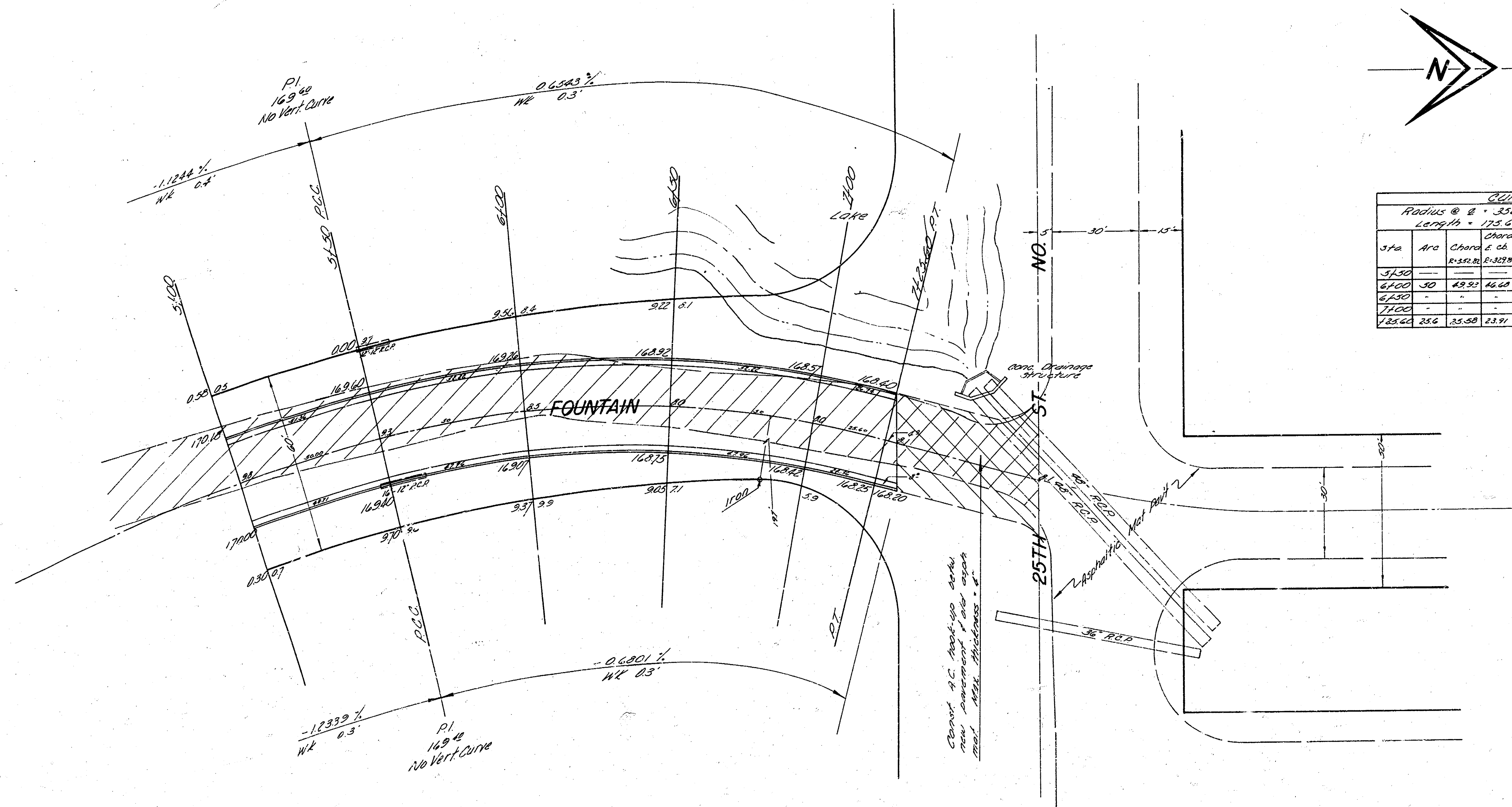
| CURVE DATA                           |      |       |            |             |             |             |
|--------------------------------------|------|-------|------------|-------------|-------------|-------------|
| Radius = 6' 10.00' Δ = 36° 49'       |      |       |            |             |             |             |
| Length = 100.00' Mid. Pt. = 0+50.00' |      |       |            |             |             |             |
| Sta                                  | Arc  | Chord | Chord B.M. | Chord W. CA | Deflection  | Total Chord |
| 0+00                                 | 0+00 | 0+00  | 0+00       | 0+00        | 0° 00' 00"  | 0+00        |
| 0+10                                 | 0+10 | 0+10  | 0+10       | 0+10        | 3° 00' 00"  | 0+10        |
| 0+20                                 | 0+20 | 0+20  | 0+20       | 0+20        | 6° 00' 00"  | 0+20        |
| 0+30                                 | 0+30 | 0+30  | 0+30       | 0+30        | 9° 00' 00"  | 0+30        |
| 0+40                                 | 0+40 | 0+40  | 0+40       | 0+40        | 12° 00' 00" | 0+40        |
| 0+50                                 | 0+50 | 0+50  | 0+50       | 0+50        | 15° 00' 00" | 0+50        |

| CURVE DATA                           |      |       |            |             |             |             |
|--------------------------------------|------|-------|------------|-------------|-------------|-------------|
| Radius = 6' 10.00' Δ = 36° 49'       |      |       |            |             |             |             |
| Length = 100.00' Mid. Pt. = 0+50.00' |      |       |            |             |             |             |
| Sta                                  | Arc  | Chord | Chord B.M. | Chord W. CA | Deflection  | Total Chord |
| 1+00                                 | 1+00 | 1+00  | 1+00       | 1+00        | 0° 00' 00"  | 1+00        |
| 1+10                                 | 1+10 | 1+10  | 1+10       | 1+10        | 3° 00' 00"  | 1+10        |
| 1+20                                 | 1+20 | 1+20  | 1+20       | 1+20        | 6° 00' 00"  | 1+20        |
| 1+30                                 | 1+30 | 1+30  | 1+30       | 1+30        | 9° 00' 00"  | 1+30        |
| 1+40                                 | 1+40 | 1+40  | 1+40       | 1+40        | 12° 00' 00" | 1+40        |
| 1+50                                 | 1+50 | 1+50  | 1+50       | 1+50        | 15° 00' 00" | 1+50        |

**FOUNTAIN**  
SHEET 4 OF 10  
C19-171



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



FOUNTAIN  
SHEET 5 OF 10  
C19-171