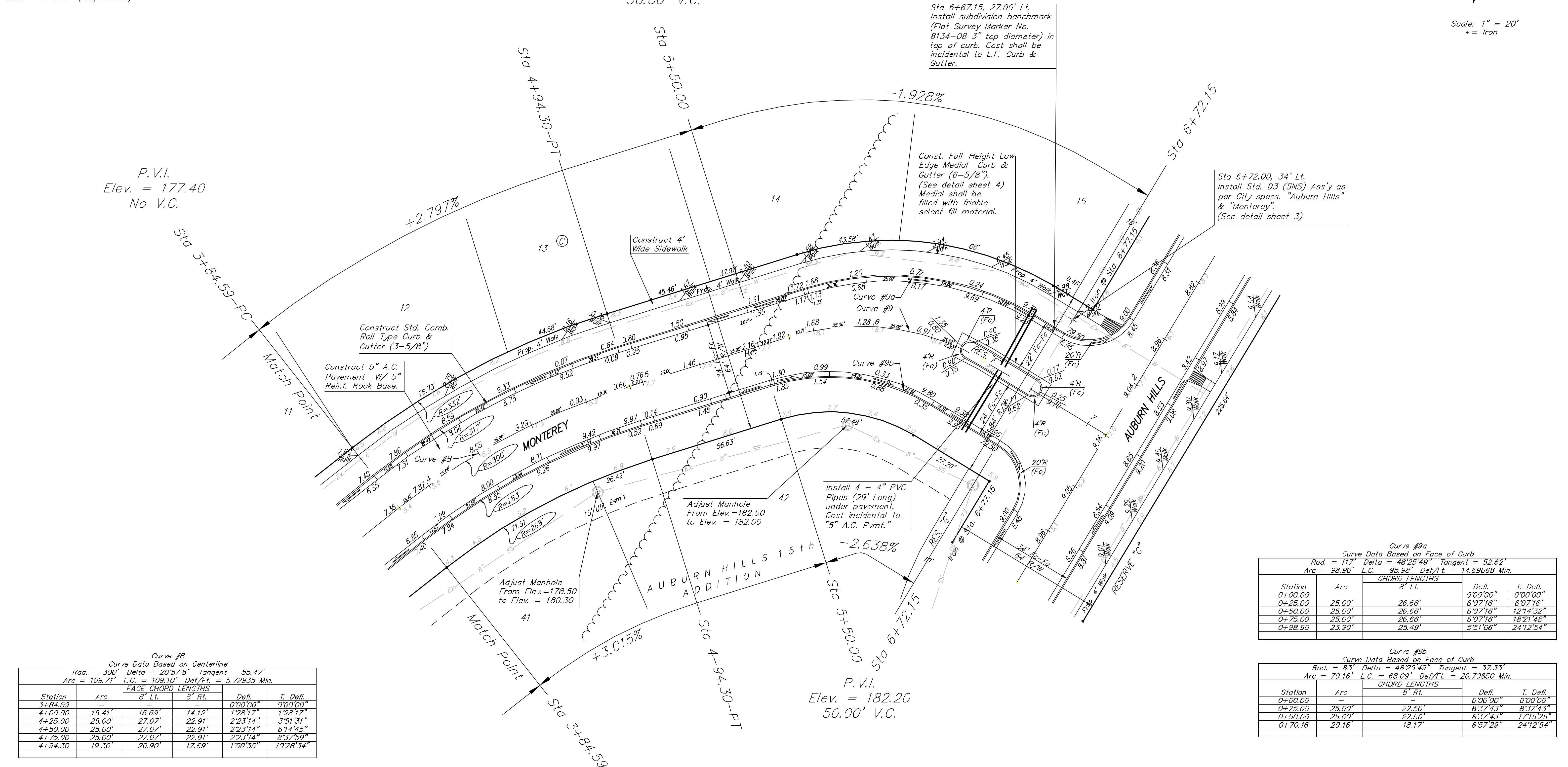
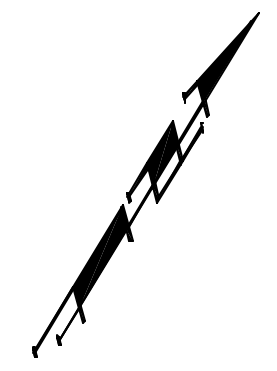


BENCHMARKS:
 City Disc In T.C. Adj. to F.H. 38'
 South of intersection of Onewood
 and Auburn Hills.
 Elev. = 178.48 (City Datum)

"□" cut in south curb of Onewood
 272' west of C.L. Auburn Hills.
 Elev. = 179.73 (City Datum)

P.V.I.
 Elev. = 182.20
 50.00' V.C.

Scale: 1" = 20'
 • = Iron



Curve #8
 Curve Data Based on Centerline
 Rad. = 300' Delta = 20°57'8" Tangent = 55.47'
 Arc = 109.71' L.C. = 109.10' Def/Ft. = 5.72935 Min.

| Station | Arc | FACE CHORD LENGTHS | | Defl. | T. Defl. |
|---------|--------|--------------------|--------|----------|-----------|
| | | 8' Lt. | 8' Rt. | | |
| 3+84.59 | - | - | - | 0'00"00" | 0'00"00" |
| 4+00.00 | 15.41' | 16.69' | 14.12' | 1'28"17" | 1'28"17" |
| 4+25.00 | 25.00' | 27.07' | 22.91' | 2'23"14" | 3'51"31" |
| 4+50.00 | 25.00' | 27.07' | 22.91' | 2'23"14" | 6'14"45" |
| 4+75.00 | 25.00' | 27.07' | 22.91' | 2'23"14" | 8'37"59" |
| 4+94.30 | 19.30' | 20.90' | 17.69' | 1'50"35" | 10'28"34" |

Curve #9
 Curve Data Based on Centerline
 Rad. = 100' Delta = 48°25'49" Tangent = 44.97'
 Arc = 84.53' L.C. = 82.03' Def/Ft. = 17.18807 Min.

| Station | Arc | FACE CHORD LENGTHS | | Defl. | T. Defl. |
|---------|--------|--------------------|--------|----------|-----------|
| | | 8' Lt. | 8' Rt. | | |
| 5+64.29 | - | - | - | 0'00"00" | 0'00"00" |
| 5+75.00 | 10.71' | 13.38' | 8.03' | 3'04"05" | 3'04"05" |
| 6+00.00 | 25.00' | 31.17' | 18.70' | 7'09"42" | 10'13"47" |
| 6+25.00 | 25.00' | 31.17' | 18.70' | 7'09"42" | 17'23"29" |
| 6+48.82 | 23.82' | 29.70' | 17.82' | 6'49"25" | 24'12"54" |

Curve #9a
 Curve Data Based on Face of Curb
 Rad. = 117' Delta = 48°25'49" Tangent = 52.62'
 Arc = 98.90' L.C. = 95.98' Def/Ft. = 14.69068 Min.

| Station | Arc | CHORD LENGTHS | | Defl. | T. Defl. |
|---------|--------|---------------|--------|----------|-----------|
| | | 8' Lt. | 8' Rt. | | |
| 0+00.00 | - | - | - | 0'00"00" | 0'00"00" |
| 0+25.00 | 25.00' | 26.66' | 22.50' | 6'07"16" | 6'07"16" |
| 0+50.00 | 25.00' | 26.66' | 22.50' | 6'07"16" | 12'14"32" |
| 0+75.00 | 25.00' | 26.66' | 22.50' | 6'07"16" | 18'21'48" |
| 0+98.90 | 23.90' | 25.49' | 21.17' | 5'51"06" | 24'12"54" |

Curve #9b
 Curve Data Based on Face of Curb
 Rad. = 83' Delta = 48°25'49" Tangent = 37.33'
 Arc = 70.16' L.C. = 68.09' Def/Ft. = 20.70850 Min.

| Station | Arc | CHORD LENGTHS | | Defl. | T. Defl. |
|---------|--------|---------------|--------|----------|-----------|
| | | 8' Lt. | 8' Rt. | | |
| 0+00.00 | - | - | - | 0'00"00" | 0'00"00" |
| 0+25.00 | 25.00' | 22.50' | 18.70' | 8'37"43" | 8'37"43" |
| 0+50.00 | 25.00' | 22.50' | 18.70' | 8'37"43" | 17'15"25" |
| 0+70.16 | 20.16' | 18.17' | 14.82' | 6'57"29" | 24'12"54" |

P.V.I.
 Elev. = 177.40
 No V.C.

NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

AUBURN HILLS 15th ADDITION
MONTEREY
 STA 3+84.59 TO STA 7+09.15

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-83830

| | | | | | |
|--------|-------|----------|-------|-------|------------------------------|
| DESIGN | DRAWN | APPROVED | DATE | SCALE | SHEET |
| NBW | ATD | | 02/04 | Noted | 11 OF 48 |

03-12-E763