

# **BENCHMARKS:**

CITY OF WICHITA BENCHMARK DISC, TOP OF CURB AT WEST END OF CURB RETURN, NORTHWEST CORNER OF INTERSECTION OF CITY VIEW AND SHERIAC CIR. IN SHADOW WOODS ADDITION.  
ELEV. = 199.26 (CITY DATUM)

CITY OF WICHITA BENCHMARK DISC, TOP OF CURB AT NORTH END OF CURB RETURN, NORTHWEST CORNER OF INTERSECTION OF BURTON AND CAVIT IN SHADOW WOODS ADDITION.  
ELEV. = 193.21 (CITY DATUM)

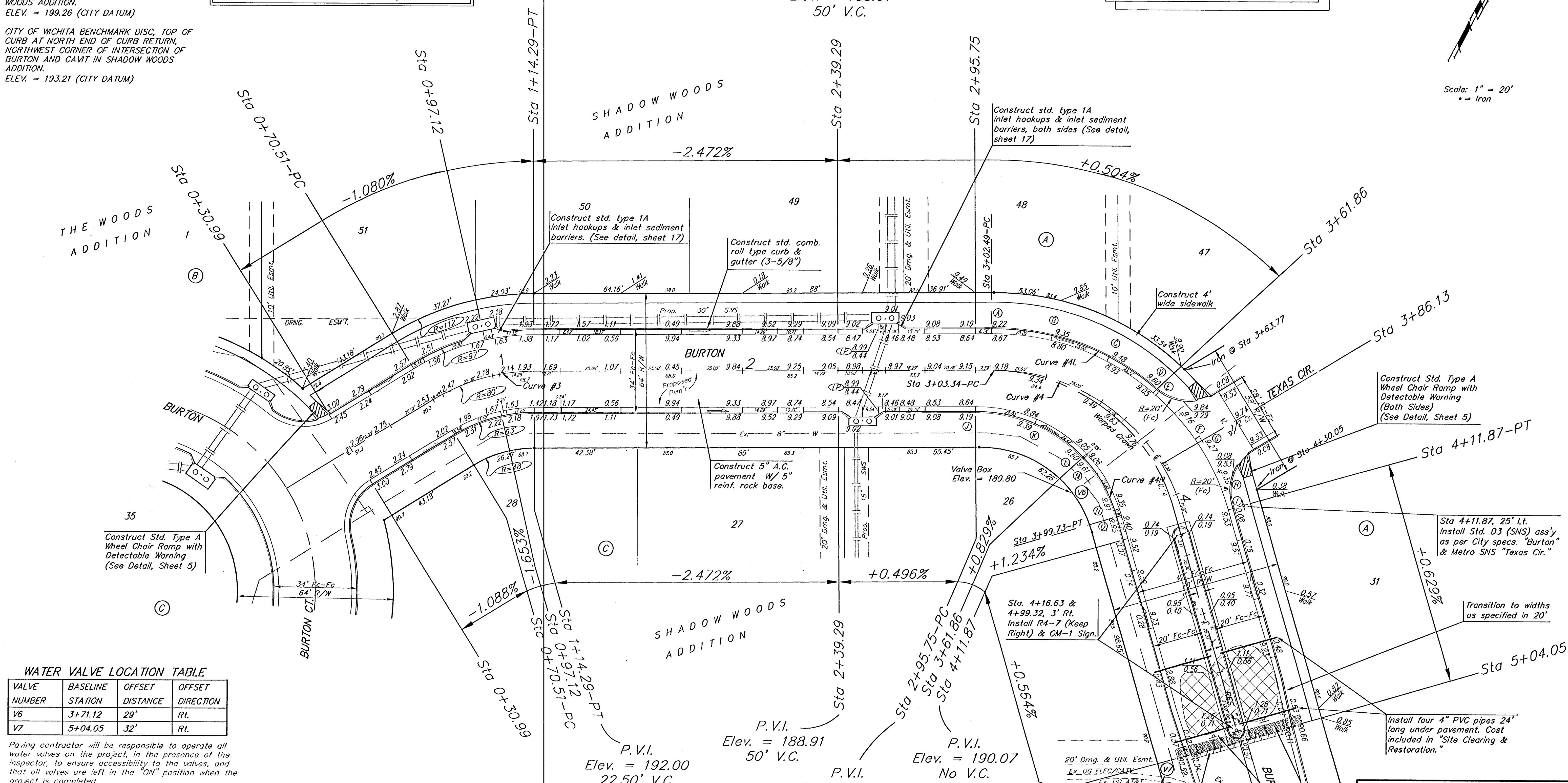
Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with the Developer or Baughman Company approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

P.V.I.  
Elev. = 192.00  
34.66' V.C.

P.V.I.  
Elev. = 188.91  
50' V.C.

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

Scale: 1" = 20'  
• = Iron



**WATER VALVE LOCATION TABLE**

| VALVE NUMBER | BASELINE STATION | OFFSET DISTANCE | OFFSET DIRECTION |
|--------------|------------------|-----------------|------------------|
| V6           | 3+71.12          | 29'             | RL               |
| V7           | 5+04.05          | 32'             | RL               |

Paving contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves are left in the "ON" position when the project is completed.

| Curve #3                                           |        |                    |        |           |
|----------------------------------------------------|--------|--------------------|--------|-----------|
| Curve Data Based on Centerline                     |        |                    |        |           |
| Rad. = 80' Delta = 31°21'19" Tangent = 22.45'      |        |                    |        |           |
| Arc = 43.78' L.C. = 43.24' Def/Ft. = 21.48603 Min. |        |                    |        |           |
| Station                                            | Arc    | FACE CHORD LENGTHS | Def.   | T. Def.   |
|                                                    |        | 8' Lt.             | 8' Rt. |           |
| 0+70.51                                            | 4.49'  | 5.89'              | 3.09'  | 0°00'00"  |
| 0+75.00                                            | 22.12' | 28.94'             | 15.16' | 1°36'28"  |
| 0+97.12                                            | 2.88'  | 3.78'              | 1.98'  | 9°31'45"  |
| 1+00.00                                            | 14.29' | 18.73'             | 9.81'  | 10°33'37" |
| 1+14.29                                            |        |                    |        | 15°40'40" |

| Curve #4                                             |        |                    |          |           |
|------------------------------------------------------|--------|--------------------|----------|-----------|
| Curve Data Based on Face of Curve                    |        |                    |          |           |
| Rad. = 102' Delta = 74°25'11" Tangent = 77.45'       |        |                    |          |           |
| Arc = 132.98' L.C. = 123.37' Def/Ft. = 16.78893 Min. |        |                    |          |           |
| Station                                              | Arc    | FACE CHORD LENGTHS | Def.     | T. Def.   |
|                                                      |        | 8' Lt.             | 8' Rt.   |           |
| A                                                    | 25.00' | 26.79'             | 6°59'43" | 0°00'00"  |
| B                                                    | 25.00' | 26.79'             | 6°59'43" | 6°59'43"  |
| C                                                    | 23.77' | 25.48'             | 6°39'04" | 13°59'27" |
| D                                                    | 1.23'  | 1.32'              | 0°20'39" | 20°38'31" |
| E                                                    | 25.00' | 26.79'             | 6°59'44" | 27°58'54" |
| F                                                    | 2.05'  | 2.20'              | 0°34'25" | 28°33'19" |
| G                                                    | 22.95' | 24.61'             | 6°25'18" | 34°59'37" |
| H                                                    | 7.98'  | 8.57'              | 2°13'59" | 37°12'56" |

| Curve #4R                                          |        |                    |           |           |
|----------------------------------------------------|--------|--------------------|-----------|-----------|
| Curve Data Based on Face of Curve                  |        |                    |           |           |
| Rad. = 60' Delta = 74°18'42" Tangent = 45.47'      |        |                    |           |           |
| Arc = 77.81' L.C. = 72.48' Def/Ft. = 28.65120 Min. |        |                    |           |           |
| Station                                            | Arc    | FACE CHORD LENGTHS | Def.      | T. Def.   |
|                                                    |        | 8' Lt.             | 8' Rt.    |           |
| J                                                  | 25.00' | 21.51'             | 11°56'17" | 0°00'00"  |
| K                                                  | 24.42' | 21.02'             | 11°39'40" | 11°56'17" |
| L                                                  | 0.58'  | 0.50'              | 0°16'37"  | 23°35'57" |
| M                                                  | 25.00' | 21.51'             | 11°56'16" | 23°52'34" |
| N                                                  | 2.81'  | 2.44'              | 1°20'31"  | 35°48'50" |
| O                                                  |        |                    |           | 37°09'21" |

**Baughman**  
Street Paving

SHADOW WOODS ADD. - PH V

**Burton**  
Street Paving

Baughman Company, P.A. 315 E. 1st St., Wichita, KS 67211 P: 316-262-1111 F: 316-262-0149  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER  
472-84060

DESIGN  
AEG

DRAWN  
JEB

APPROVED  
DATE  
6-21-06

REVISIONS

SCALE  
Noted

SHEET  
7 OF 37

E:\eng\Shadow Woods Addition\Phase 5\st1.dwg 0601-E467