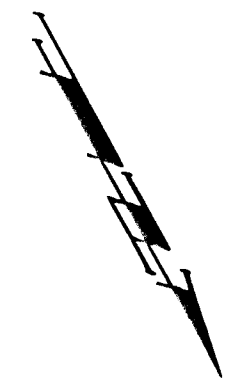


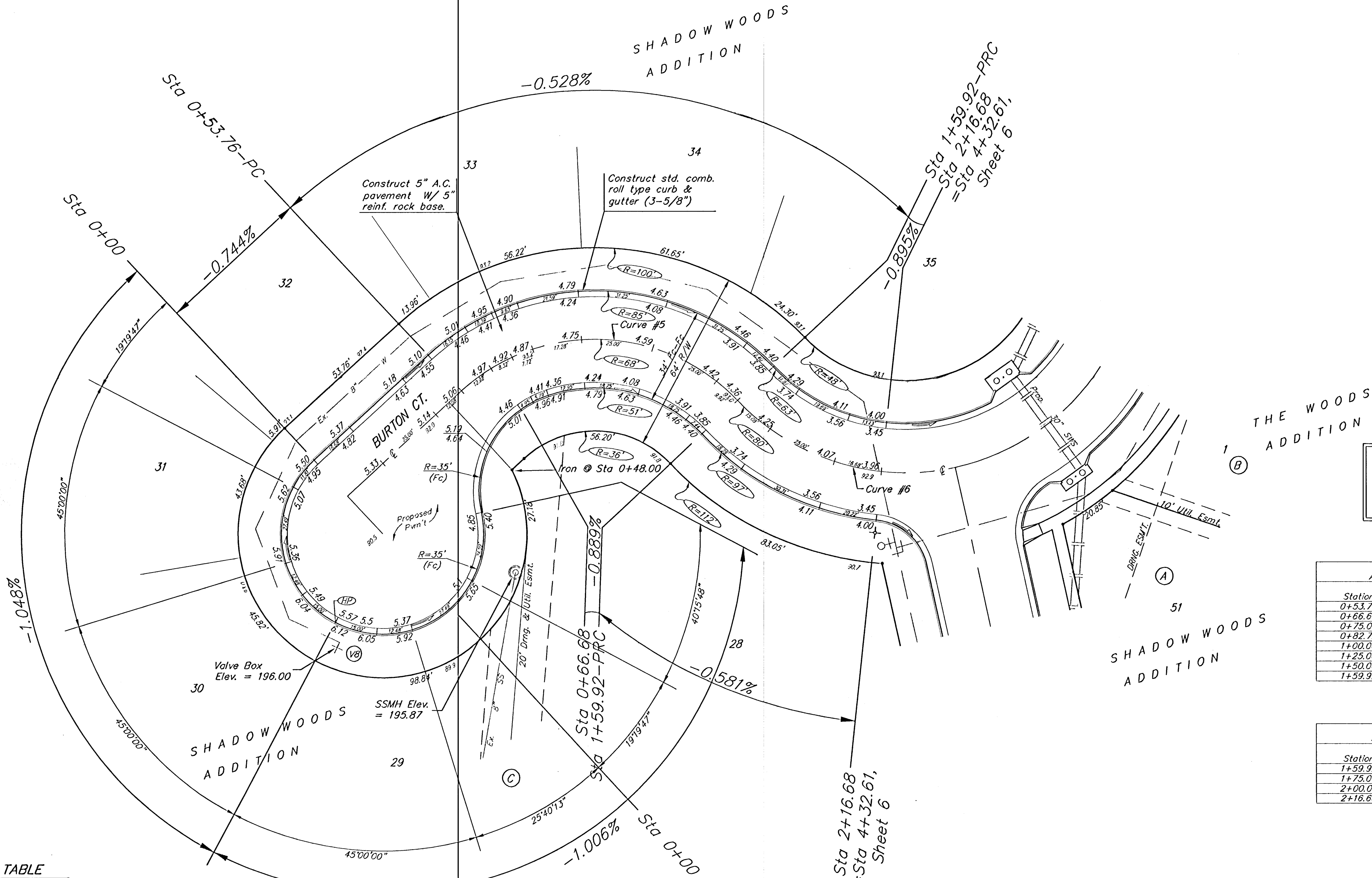
BENCHMARKS:

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)



Scale: 1" = 20'  
• = Iron



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.

| Curve #5                                            |        |                    |        |           |           |  |
|-----------------------------------------------------|--------|--------------------|--------|-----------|-----------|--|
| Curve Data Based on Centerline                      |        |                    |        |           |           |  |
| Rad. = 68' Delta = 89°26'15" Tangent = 67.34'       |        |                    |        |           |           |  |
| Arc = 106.16' L.C. = 95.69' Def/Ft. = 25.27435 Min. |        |                    |        |           |           |  |
| Station                                             | Arc    | FACE CHORD LENGTHS |        | Defl.     | T. Defl.  |  |
|                                                     |        | 8' Lt.             | 8' Rt. |           |           |  |
| 0+53.76                                             | —      | —                  | —      | 0°00'00"  | 0°00'00"  |  |
| 0+66.68                                             | 12.92' | 17.64'             | 8.16'  | 5°26'33"  | 5°26'33"  |  |
| 0+75.00                                             | 8.32'  | 11.37'             | 5.26'  | 3°30'17"  | 8°56'50"  |  |
| 0+82.72                                             | 7.72'  | 10.55'             | 4.88'  | 3°15'07"  | 12°11'57" |  |
| 1+00.00                                             | 17.28' | 23.37'             | 10.90' | 7°16'44"  | 19°28'41" |  |
| 1+25.00                                             | 25.00' | 33.99'             | 15.72' | 10°31'52" | 30°00'53" |  |
| 1+50.00                                             | 25.00' | 33.99'             | 15.72' | 10°31'51" | 40°32'24" |  |
| 1+59.92                                             | 9.92'  | 13.55'             | 6.27'  | 4°10'43"  | 44°43'07" |  |

| Curve #6                                           |        |                    |        |          |           |  |
|----------------------------------------------------|--------|--------------------|--------|----------|-----------|--|
| Curve Data Based on Centerline                     |        |                    |        |          |           |  |
| Rad. = 80' Delta = 40°39'6" Tangent = 29.63'       |        |                    |        |          |           |  |
| Arc = 56.76' L.C. = 55.58' Def/Ft. = 21.48608 Min. |        |                    |        |          |           |  |
| Station                                            | Arc    | FACE CHORD LENGTHS |        | Defl.    | T. Defl.  |  |
|                                                    |        | 8' Lt.             | 8' Rt. |          |           |  |
| 1+59.92                                            | —      | —                  | —      | 0°00'00" | 0°00'00"  |  |
| 1+75.00                                            | 15.08' | 10.35'             | 19.76' | 5°24'01" | 5°24'01"  |  |
| 2+00.00                                            | 25.00' | 17.12'             | 32.68' | 8°57'09" | 14°21'10" |  |
| 2+16.68                                            | 16.68' | 11.45'             | 21.85' | 5°58'23" | 20°19'33" |  |

| WATER VALVE LOCATION TABLE |                  |                 |                  |
|----------------------------|------------------|-----------------|------------------|
| VALVE NUMBER               | BASELINE STATION | OFFSET DISTANCE | OFFSET DIRECTION |
| V8                         | 0+36.70          | 36'             | Rt.              |

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.

P.V.I.  
Elev. = 196.20  
30' V.C.

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.

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.

**SHADOW WOODS ADD. - PH V**  
**Burton Ct.**  
Street Paving

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 F 316-263-7271 F 316-262-0149  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

|                             |                |                 |
|-----------------------------|----------------|-----------------|
| PROJECT NUMBER<br>412-94060 | DESIGN<br>AEG  | DRAWN<br>JEB    |
| REVISIONS                   | APPROVED       | DATE<br>6-21-06 |
|                             | SCALE<br>Noted |                 |
|                             | SHEET          |                 |

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E:\eng\Shadow Woods Addition\Phase 5\sur1.dwg06-01-E467