

Curve Tables for Sheet 3

Curve #1
Curve Data Based on Centerline
Rad. = 726' Delta = 192°56' Tangent = 124.74'
Arc = 247.07' L.C. = 245.88' Def./Ft. = 2.36762 Min.

| Station | Arc | Chord Lengths | 6' Right | Defl. | Total Defl. |
|---------|--------|---------------|----------|----------|-------------|
| 6+16.18 | - | - | - | 0'00'00" | 0'00'00" |
| 6+25.00 | 8.82' | 9.10' | 0'20'53" | 0'20'53" | 0'20'53" |
| 6+50.00 | 25.00' | 25.79' | 0'59'11" | 1'20'04" | 1'20'04" |
| 6+75.00 | 25.00' | 25.79' | 0'59'12" | 2'19'16" | 2'19'16" |
| 7+00.00 | 25.00' | 25.79' | 0'59'11" | 3'18'27" | 3'18'27" |
| 7+25.00 | 25.00' | 25.79' | 0'59'12" | 4'17'39" | 4'17'39" |
| 7+50.00 | 25.00' | 25.79' | 0'59'11" | 5'16'50" | 5'16'50" |
| 7+60.00 | 10.00' | 10.32' | 0'23'41" | 5'40'31" | 5'40'31" |
| 7+75.00 | 15.00' | 15.48' | 0'35'30" | 6'16'01" | 6'16'01" |
| 8+00.00 | 25.00' | 25.79' | 0'59'12" | 7'15'13" | 7'15'13" |
| 8+25.00 | 25.00' | 25.79' | 0'59'11" | 8'14'24" | 8'14'24" |
| 8+50.00 | 25.00' | 25.79' | 0'59'12" | 9'13'36" | 9'13'36" |
| 8+63.25 | 13.25' | 13.67' | 0'31'22" | 9'44'58" | 9'44'58" |

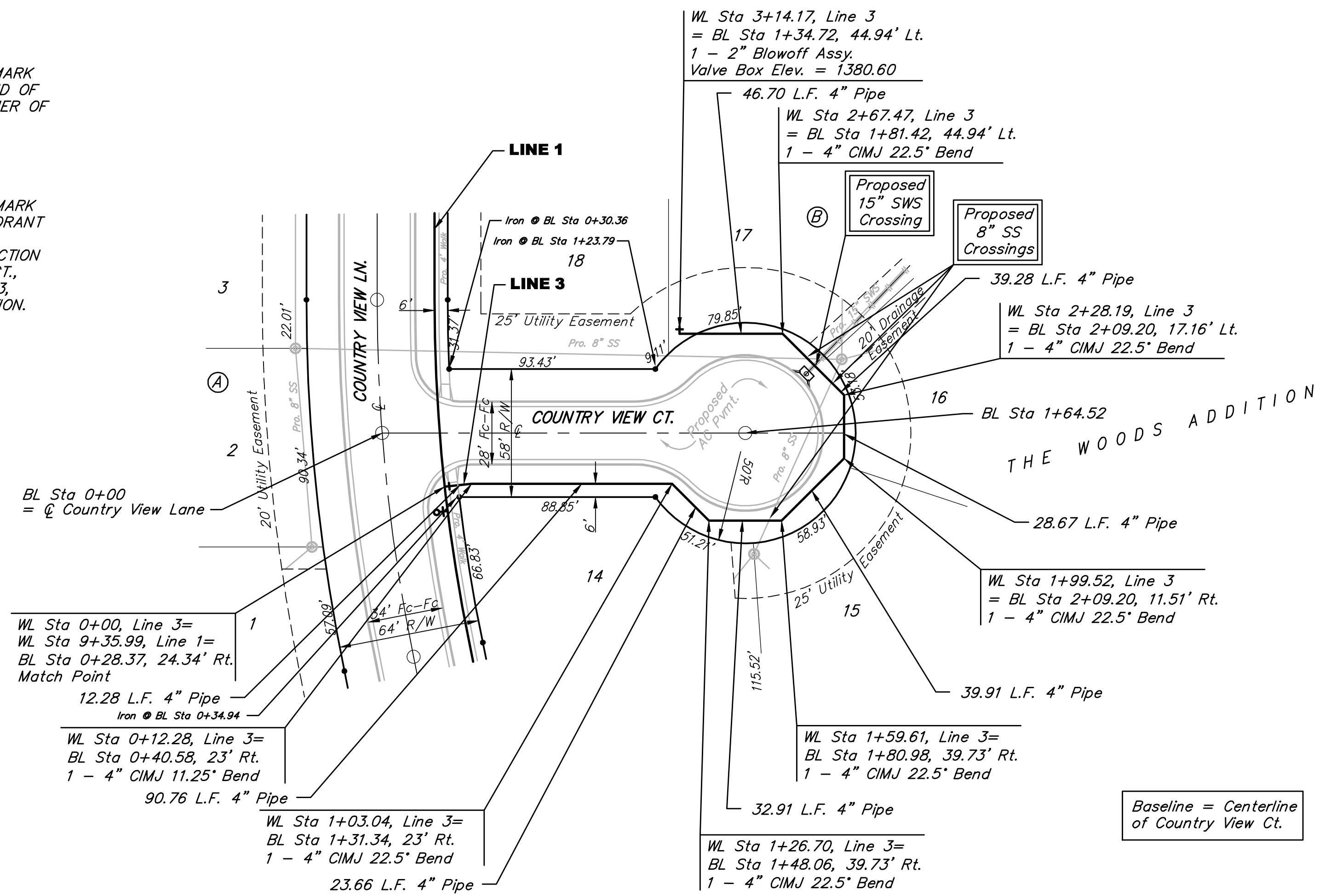
Curve #2
Curve Data Based on Centerline
Rad. = 774' Delta = 114°05' Tangent = 79.08'
Arc = 157.62' L.C. = 157.35' Def./Ft. = 2.22079 Min.

| Station | Arc | Chord Lengths | 6' Right | Defl. | Total Defl. |
|----------|--------|---------------|----------|----------|-------------|
| 8+63.25 | - | - | - | 0'00'00" | 0'00'00" |
| 8+75.00 | 11.75' | 11.40' | 0'26'06" | 0'26'06" | 0'26'06" |
| 9+00.00 | 25.00' | 24.26' | 0'55'31" | 1'21'37" | 1'21'37" |
| 9+25.00 | 25.00' | 24.26' | 0'55'31" | 2'17'08" | 2'17'08" |
| 9+35.99 | 10.99' | 10.66' | 0'24'24" | 2'41'32" | 2'41'32" |
| 9+50.00 | 14.01' | 13.59' | 0'31'07" | 3'12'39" | 3'12'39" |
| 9+75.00 | 25.00' | 24.26' | 0'55'31" | 4'08'10" | 4'08'10" |
| 9+94.12 | 19.12' | 18.55' | 0'42'28" | 4'50'38" | 4'50'38" |
| 10+00.00 | 5.88' | 5.71' | 0'13'04" | 5'03'42" | 5'03'42" |
| 10+20.87 | 20.87' | 20.25' | 0'46'20" | 5'50'02" | 5'50'02" |

BENCHMARK:

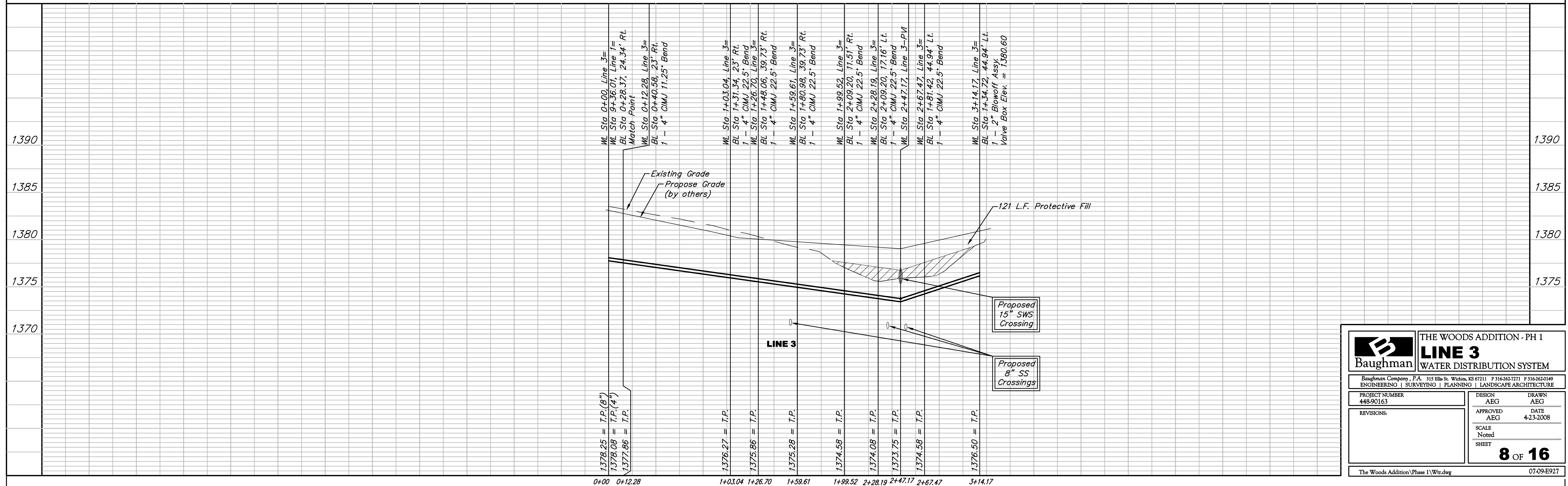
BM #1: CITY OF WICHITA BENCHMARK DISC, TOP OF CURB AT WEST END OF CURB RETURN, NORTHWEST CORNER OF INTERSECTION OF CITY VIEW AND SHERIAC CIR. IN SHADOW WOODS ADDITION.
ELEV. = 1386.66 NGVD29

BM #2: CITY OF WICHITA BENCHMARK DISC, TOP OF CURB BY FIRE HYDRANT AT WEST END OF CURB RETURN, NORTHWEST CORNER OF INTERSECTION OF SHERIAC CIR. AND SHERIAC CT., SOUTH OF SE CORNER OF LOT 13, BLOCK B, SHADOW WOODS ADDITION.
ELEV. = 1392.11 NGVD29



Scale: 1" = 40' Horizontal
1" = 5' Vertical
• = Iron

Remove trees only as necessary for storm sewer construction and only with permission of Developer or Baughman Co. Cost of removal to be incidental to lump sum bid item "Site Clearing & Restoration".



Baughman THE WOODS ADDITION - PH 1
LINE 3
WATER DISTRIBUTION SYSTEM

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

PROJECT NUMBER: 448-90163
DESIGN: AEG
DRAWN: AEG
APPROVED: AEG
DATE: 4-23-2008

REVISIONS:

SCALE: Noted
SHEET: 8 OF 16

The Woods Addition/Phase 1/Wtr.dwg 07-09-E927