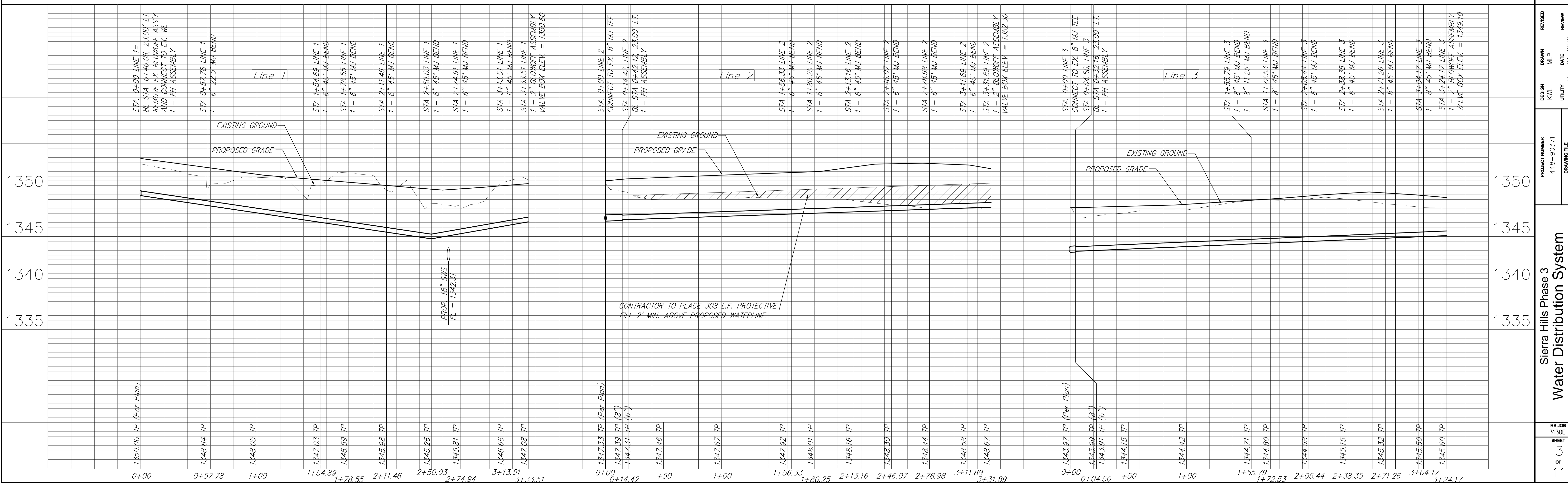
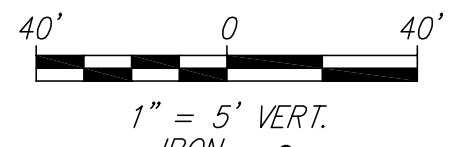


Curve 1  
Curve Data Based on Centerline  
Rad. = 123.00' Delta = 26°09'55" Tangent = 28.58'  
Arc = 56.17' L.C. = 55.68' Def/Fl. = 13.97469 Min.

| Station | FACE CHORD LENGTHS |        | Defl.    | T. Defl. |
|---------|--------------------|--------|----------|----------|
|         | 6 Lt.              | 6 Rt.  |          |          |
| 0+21.30 | -                  | -      | 0°00'00" | 0°00'00" |
| 0+25.00 | 3.70'              | 4.30'  | 3.10'    | 0°51'42" |
| 0+50.00 | 25.00'             | 29.02' | 20.90'   | 5°49'18" |
| 0+77.47 | 27.47'             | 31.87' | 22.96'   | 6°23'48" |

Curve 2  
Curve Data Based on Centerline  
Rad. = 123.00' Delta = 32°46'55" Tangent = 36.18'  
Arc = 70.37' L.C. = 69.42' Def/Fl. = 13.97553 Min.

| Station | FACE CHORD LENGTHS |        | Defl.    | T. Defl. |
|---------|--------------------|--------|----------|----------|
|         | 6 Lt.              | 6 Rt.  |          |          |
| 0+70.07 | -                  | -      | 0°00'00" | 0°00'00" |
| 0+75.00 | 4.93'              | 5.73'  | 4.13'    | 1°08'54" |
| 1+00.00 | 25.00'             | 29.02' | 20.90'   | 5°49'22" |
| 1+40.45 | 40.45'             | 46.82' | 33.72'   | 9°25'17" |



Ruggles & Polina P.A.  
Engineering, Surveying, Land Planning  
1000 West 10th Street  
Wichita, Kansas 67203  
www.ruggles.com  
E-mail: ruggles@ruggles.com



REVISION  
DRAWN  
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DESIGN  
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PROJECT NUMBER  
448-90371  
DRAWING FILE  
Water Line 1-3

Sierra Hills Phase 3  
Water Distribution System  
WICHITA KANSAS

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11