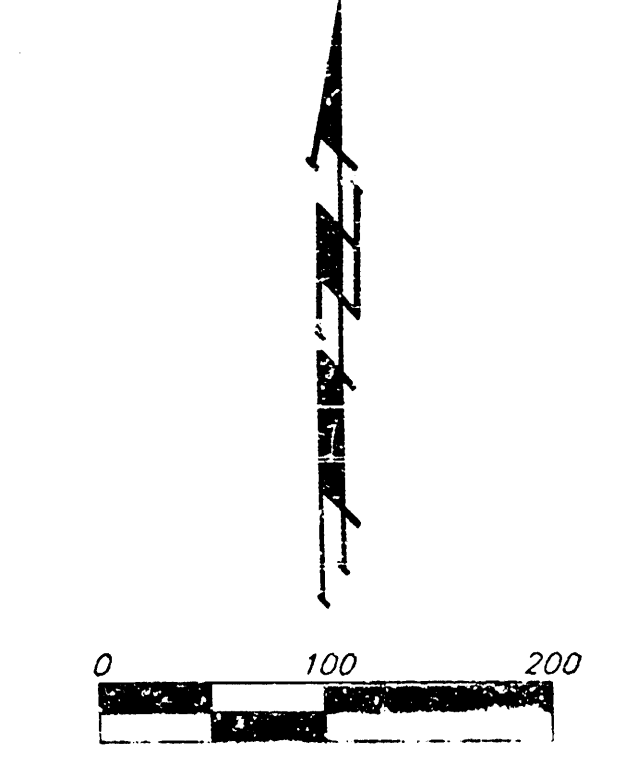
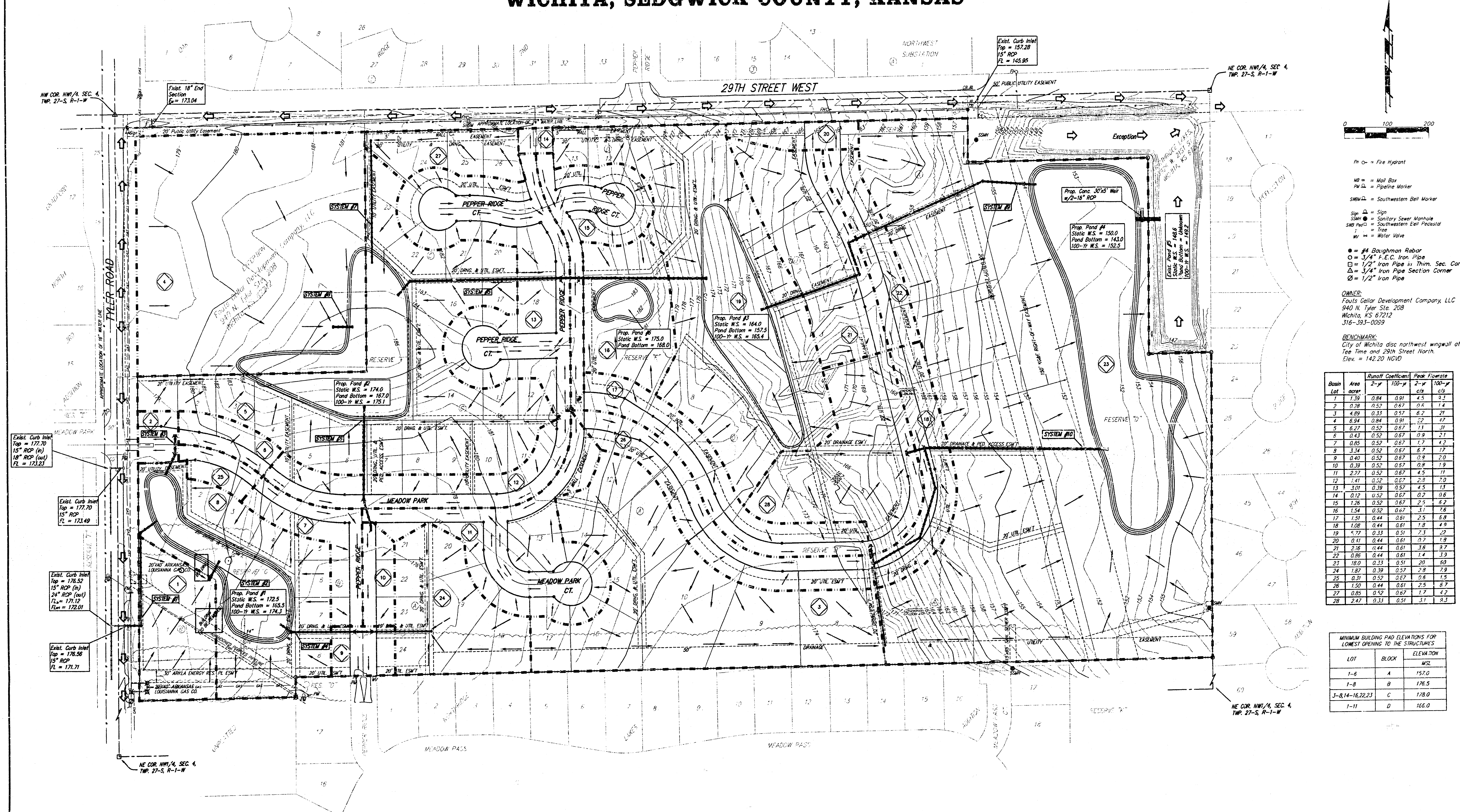


# DRAINAGE PLAN FOSSIL RIM ESTATES WICHITA, SEDGWICK COUNTY, KANSAS



- FH = Fire Hydrant  
 MB = Mail Box  
 PM = Pipeline Marker  
 SSW = Southwestern Bell Marker  
 Sign = Sign  
 SSM = Sanitary Sewer Manhole  
 SSW = Southwestern Bell Manhole  
 T = Tree  
 W = Water Valve  
 # = #4 Baughman Rebar  
 O = 3/4" F.C.C. Iron Pipe  
 □ = 1/2" Iron Pipe in Thm. Sec. Cor.  
 Δ = 3/4" Iron Pipe Section Corner  
 ⊙ = 1/2" Iron Pipe  
 OWNER: Fossil Rim Development Company, LLC  
 940 N. Tyler St. 208  
 Wichita, KS 67212  
 316-393-0099  
 BENCHMARK: City of Wichita disc northwest wingwall at Tee Time and 29th Street North.  
 Elev. = 142.20 NGVD

| Basin Lot | Area acre | Runoff Coefficient |       |      |       | Peak Flowrate |     |     |     |
|-----------|-----------|--------------------|-------|------|-------|---------------|-----|-----|-----|
|           |           | 2-yr               | 10-yr | 2-yr | 10-yr | cfs           | cfs | cfs | cfs |
| 1         | 1.39      | 0.84               | 0.91  | 4.5  | 9.1   | 0.1           | 0.1 | 0.1 | 0.1 |
| 2         | 0.28      | 0.52               | 0.67  | 0.6  | 1.4   | 0.1           | 0.1 | 0.1 | 0.1 |
| 3         | 4.89      | 0.33               | 0.57  | 6.2  | 21    | 0.1           | 0.1 | 0.1 | 0.1 |
| 4         | 1.94      | 0.84               | 0.91  | 2.2  | 17    | 0.1           | 0.1 | 0.1 | 0.1 |
| 5         | 6.27      | 0.52               | 0.67  | 1.1  | 31    | 0.1           | 0.1 | 0.1 | 0.1 |
| 6         | 0.43      | 0.52               | 0.67  | 0.9  | 3.1   | 0.1           | 0.1 | 0.1 | 0.1 |
| 7         | 0.85      | 0.52               | 0.67  | 1.7  | 4.2   | 0.1           | 0.1 | 0.1 | 0.1 |
| 8         | 3.34      | 0.52               | 0.67  | 6.7  | 17    | 0.1           | 0.1 | 0.1 | 0.1 |
| 9         | 0.40      | 0.52               | 0.67  | 0.9  | 2.0   | 0.1           | 0.1 | 0.1 | 0.1 |
| 10        | 0.39      | 0.52               | 0.67  | 0.9  | 1.9   | 0.1           | 0.1 | 0.1 | 0.1 |
| 11        | 2.27      | 0.52               | 0.67  | 4.5  | 11    | 0.1           | 0.1 | 0.1 | 0.1 |
| 12        | 1.41      | 0.52               | 0.67  | 2.9  | 7.0   | 0.1           | 0.1 | 0.1 | 0.1 |
| 13        | 3.01      | 0.39               | 0.57  | 4.5  | 13    | 0.1           | 0.1 | 0.1 | 0.1 |
| 14        | 0.12      | 0.52               | 0.67  | 0.2  | 0.6   | 0.1           | 0.1 | 0.1 | 0.1 |
| 15        | 1.26      | 0.52               | 0.67  | 2.5  | 6.2   | 0.1           | 0.1 | 0.1 | 0.1 |
| 16        | 1.54      | 0.52               | 0.67  | 3.1  | 7.6   | 0.1           | 0.1 | 0.1 | 0.1 |
| 17        | 1.51      | 0.44               | 0.61  | 2.5  | 5.8   | 0.1           | 0.1 | 0.1 | 0.1 |
| 18        | 1.08      | 0.44               | 0.61  | 1.8  | 4.4   | 0.1           | 0.1 | 0.1 | 0.1 |
| 19        | 5.77      | 0.33               | 0.51  | 7.3  | 22    | 0.1           | 0.1 | 0.1 | 0.1 |
| 20        | 0.41      | 0.44               | 0.61  | 0.7  | 1.9   | 0.1           | 0.1 | 0.1 | 0.1 |
| 21        | 2.78      | 0.44               | 0.61  | 3.6  | 9.7   | 0.1           | 0.1 | 0.1 | 0.1 |
| 22        | 0.86      | 0.44               | 0.61  | 1.4  | 3.3   | 0.1           | 0.1 | 0.1 | 0.1 |
| 23        | 18.0      | 0.33               | 0.51  | 20   | 60    | 0.1           | 0.1 | 0.1 | 0.1 |
| 24        | 1.87      | 0.39               | 0.57  | 2.8  | 7.9   | 0.1           | 0.1 | 0.1 | 0.1 |
| 25        | 0.31      | 0.52               | 0.67  | 0.6  | 1.5   | 0.1           | 0.1 | 0.1 | 0.1 |
| 26        | 1.50      | 0.44               | 0.61  | 2.5  | 6.7   | 0.1           | 0.1 | 0.1 | 0.1 |
| 27        | 0.85      | 0.52               | 0.67  | 1.7  | 4.2   | 0.1           | 0.1 | 0.1 | 0.1 |
| 28        | 2.47      | 0.33               | 0.51  | 3.1  | 9.3   | 0.1           | 0.1 | 0.1 | 0.1 |

| MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES |       |               |
|----------------------------------------------------------------------|-------|---------------|
| LOT                                                                  | BLOCK | ELEVATION MSL |
| 1-6                                                                  | A     | 157.0         |
| 1-8                                                                  | B     | 176.5         |
| 3-8, 14-16, 22, 23                                                   | C     | 178.0         |
| 1-11                                                                 | D     | 166.0         |