

# DRAINAGE PLAN

## AMIDON PLAZA ADDITION

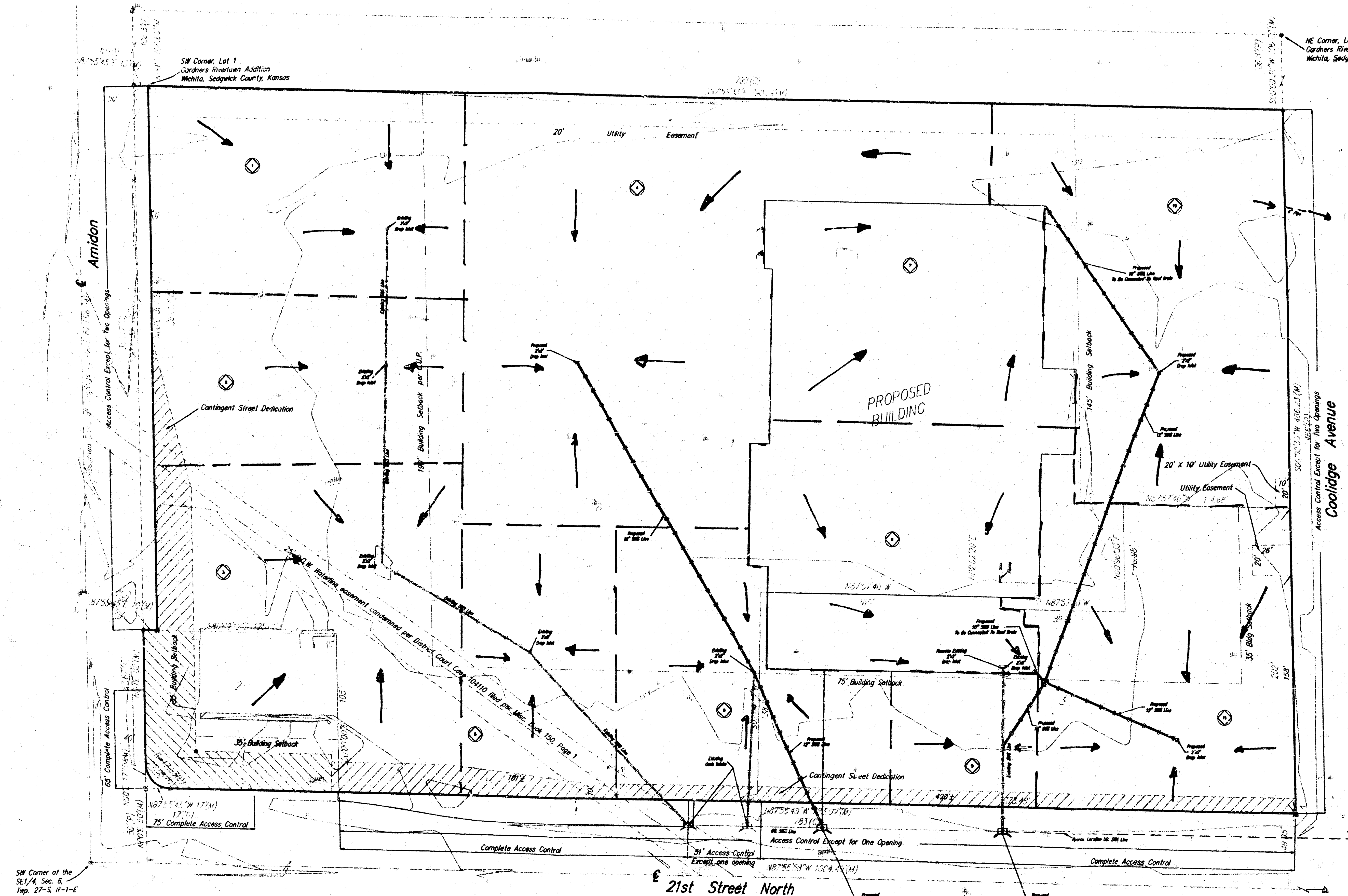
### WICHITA, SEDGWICK COUNTY, KANSAS

- (P) = Potted  
(M) = Measured  
(D) = Described  
○ = 3/4" Iron Pipe Found  
● = #4 Rebar Rubber Foot  
■ = 1/2" Iron Pipe Found  
△ = #4 Baughman Rebar Foot  
■ = 1/2" Iron Pipe Found  
■ = Thimble Found

Note: See Community Unit Plan 02-76, for additional Building Setbacks.

BENCHMARK:  
City of Wichita Disc on SE. corner of the  
Little Arkansas River bridge located on  
21st Street N.  
Elev. = 1313.71

| Drainage Area | Area (acres) | C <sub>2</sub> | C <sub>100</sub> | I <sub>2</sub> (in/hr) | I <sub>100</sub> (in/hr) | Q <sub>2</sub> (cfs) | Q <sub>100</sub> (cfs) |
|---------------|--------------|----------------|------------------|------------------------|--------------------------|----------------------|------------------------|
| 1             | .8           | .9             | .9               | 4.56                   | 7.37                     | 3.3                  | 5.3                    |
| 2             | .6           | .9             | .9               | 4.56                   | 7.37                     | 2.5                  | 4.0                    |
| 3             | 1.1          | .9             | .9               | 4.56                   | 7.37                     | 4.5                  | 7.3                    |
| 4             | 1.6          | .9             | .9               | 4.56                   | 7.37                     | 6.6                  | 10.6                   |
| 5             | .4           | .9             | .9               | 4.56                   | 7.37                     | 2.7                  | 1.6                    |
| 6             | .5           | .9             | .9               | 4.56                   | 7.37                     | 2.1                  | 3.3                    |
| 7             | .6           | .9             | .9               | 4.56                   | 7.37                     | 2.5                  | 4.0                    |
| 8             | .8           | .9             | .9               | 4.56                   | 7.37                     | 3.3                  | 5.3                    |
| 9             | .2           | .9             | .9               | 4.56                   | 7.37                     | .8                   | 1.3                    |
| 10            | 1.0          | .9             | .9               | 4.56                   | 7.37                     | 4.1                  | 6.6                    |
| 11            | .9           | .9             | .9               | 4.56                   | 7.37                     | 3.7                  | 6.0                    |



Inlet and Pipe Sizes Per  
Drainage Plan By BSW Architects  
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