

**BENCHMARK**  
 City of Wichita Disc on the northwest corner of 29th St. N. and Maize Rd.  
 Elevation = 1349.32 (M.S.L.)  
 Elevation = 161.92 (City Datum)

| ELEVATION    | CUT           | UNIT      | FILL         | UNIT      | STORAGE VOLUME TABLE   |              | UNIT         | NEW STORAGE BELOW BFE | NEW STORAGE | UNIT         |
|--------------|---------------|-----------|--------------|-----------|------------------------|--------------|--------------|-----------------------|-------------|--------------|
|              |               |           |              |           | PUMP STORAGE BELOW BFE | PUMP STORAGE |              |                       |             |              |
| 1336         | 820           | CU        |              |           | 0.5                    | AC FT        |              |                       |             |              |
| 1337         | 960           | CU        |              |           | 0.5                    | AC FT        |              |                       |             |              |
| 1338         | 960           | CU        |              |           | 0.5                    | AC FT        |              |                       |             |              |
| 1339         | 1101          | CU        |              |           | 0.5                    | AC FT        |              |                       |             |              |
| 1340         | 126           | CU        |              |           | 0.8                    | AC FT        |              |                       |             |              |
| 1341         | 4120          | CU        |              |           | 2.6                    | AC FT        |              |                       |             |              |
| 1342         | 6057          | CU        |              |           | 6.8                    | AC FT        |              |                       |             |              |
| 1343         | 10632         | CU        |              |           | 16.3                   | AC FT        |              |                       |             |              |
| 1344         | 18083         | CU        |              |           | 11.3                   | AC FT        |              |                       |             |              |
| 1345         | 24573         | CU        |              |           | 25.7                   | AC FT        | 14.0         |                       |             | AC FT        |
| 1346         | 31512         | CU        |              |           | 23.2                   | AC FT        | 14.4         |                       |             | AC FT        |
| 1347         | 31574         | CU        |              |           |                        |              | 19.6         |                       |             | AC FT        |
| 1348         | 10963         | CU        | 8341         |           |                        |              | 26.2         |                       |             | AC FT        |
| 1349         | 12944         | CU        | 23338        |           |                        |              | 13.9         |                       |             | AC FT        |
| 1350         | 3138          | CU        | 20272        |           |                        |              | -7.7         |                       |             | AC FT        |
| 1351 (BFE)   | 1743          | CU        | 19167        |           |                        |              | (1814)       |                       |             | AC FT        |
| 1352         | 824           | CU        | 13317        |           |                        |              | -11.2        |                       |             | AC FT        |
| 1353         | 312           | CU        | 6735         |           |                        |              | (17424)      |                       |             | AC FT        |
| <b>TOTAL</b> | <b>147076</b> | <b>CU</b> | <b>91357</b> | <b>CU</b> | <b>43020</b>           | <b>26.7</b>  | <b>AC FT</b> | <b>32024</b>          | <b>19.8</b> | <b>AC FT</b> |

N 88°41'48" E 2632.22'

N 00°02'43" W 1316.43'

IMPERVIOUS AREA = 11.48 ACRES

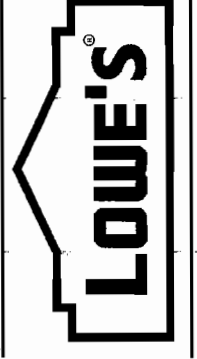
1300 GPM MINIMUM TEMPORARY PUMP FOR DEWATERING OVER 4 DAY PERIOD. PUMP SHALL REMAIN ON-SITE & OPERATIONAL UNTIL COMPLETION OF PERMANENT PUMP STATION. CONTRACTOR TO PROVIDE TEMPORARY SOUND BARRIER OR QUIET PUMP TO MAINTAIN A NOISE LEVEL BELOW CITY REQUIREMENTS.

| DATE     | DESCRIPTION   |
|----------|---------------|
| 11-14-07 | CITY COMMENTS |
| 4-08-08  | REVISION 2    |



**zark**  
**Civil Engineering Inc.**  
 Bentonville • Kansas City • Austin

LOWE'S HOME CENTERS, INC.  
 1605 CURTIS BRIDGE ROAD  
 REEC DOCK  
 WILKESBORO, NC 28697  
 336.658.4000 (V) 336.658.3257 (F)



GRADING AND DRAINAGE PLAN  
 CONTINUED  
 LOWE'S OF  
 N.W. WICHITA  
 MAIZE RD. & CENTRAL PARK ST.  
 WICHITA, KS.  
 PROJECT No. 04-0460 DRAWN BY: JG CHECKED BY: SM

ORIGINAL ISSUE DATE  
 PERMIT SET ISSUE DATE  
 CONSTRUCTION SET ISSUE DATE: 8-17-07  
 DRAWING NUMBER:  
**8.1**