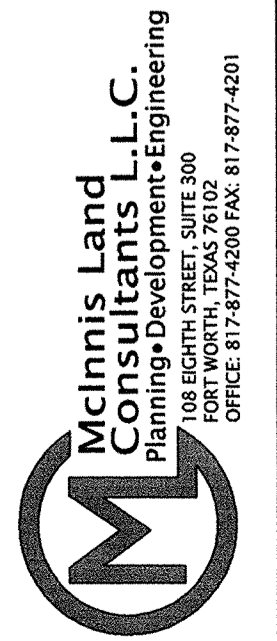
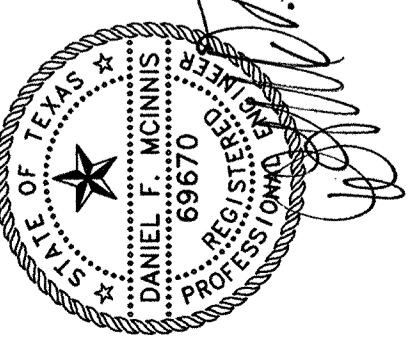


**AS BUILT**  
06-07-08



Drainage Area Calculations

| Area Designation | Area (acres) | Runoff Coef. (C) | C A  | Time of Conc. Tc (min.) | 10 Yr. Int. (in/hr.) | 100 Yr. Int. (in/hr.) | O-10 (cfs) | O-100 (cfs) | Comments                      |
|------------------|--------------|------------------|------|-------------------------|----------------------|-----------------------|------------|-------------|-------------------------------|
| DA1              | 0.05         | 0.47             | 0.02 | 10.0                    | 6.36                 | 8.74                  | 0.1        | 0.2         |                               |
| DA2              | 0.81         | 0.90             | 0.73 | 10.0                    | 6.36                 | 8.74                  | 4.8        | 6.6         | To Ex. Flume and Bellline Rd. |
| DA3              | 0.03         | 0.46             | 0.01 | 10.0                    | 6.36                 | 8.74                  | 0.1        | 0.1         |                               |
| DA4              | 1.00         | 0.90             | 0.90 | 10.0                    | 6.36                 | 8.74                  | 6.7        | 7.9         | To Drive Swale to Ex. Flume   |
| DA5              | 0.21         | 0.90             | 0.19 | 10.0                    | 6.36                 | 8.74                  | 1.3        | 1.7         |                               |
| DA6              | 0.46         | 0.90             | 0.43 | 10.0                    | 6.36                 | 8.74                  | 2.7        | 3.6         | To Drive Swale to Ex. Flume   |
| <b>TOTAL:</b>    | <b>0.89</b>  | <b>0.62</b>      |      |                         |                      |                       | <b>3.9</b> | <b>5.4</b>  | To Drive Swale to Ex. Flume   |

**DRAINAGE PLAN**

**C6** JUNE 03, 2008

**4400 BELT LINE ROAD**  
**ADDISON, TEXAS 75244**

**STAPLES®**  
The office Superstore

BENCHMARK: COA-11  
CONTROL POINT NO. COA-11  
APPROXIMATE LOCATION  
AT THE INTERSECTION OF HWYWAY ROAD  
AND BELTLINE ROAD, 5.5' FROM THE EDGE OF ASPHALT,  
2' FROM THE SOUTH EDGE OF SIDEWALK & 27' FROM  
POWER POLE.

U.S. SURVEY FEET  
MAD 88 ELEVATION: 611.74  
MAD 88 ELEVATION: 611.74  
MAD 88 ELEVATION: 611.74  
STATE PLAN COORDINATES: 247711.917  
NORTHING: 703411.589  
EASTING: 156135.356  
ELEVATIONS ARE MAD 88 BASED UPON TAD01 VRS NETWORK