



RUNOFF COMPUTATIONS

| NO. | ACRES | ACRES DRAINED | | TOTAL CA | T _c (in hrs.) | 10 YEAR | | 100 YEAR | |
|-----|-------|----------------|----------------|----------|-----------------------------|-------------------------|--------------------------|-------------------------|--------------------------|
| | | C=0.45 RES. | C=0.90 PVT. | | | Q ₁₀ cfs. | Q ₁₀₀ cfs. | Q ₁₀ cfs. | Q ₁₀₀ cfs. |
| 1 | 0.38 | 0.10 | 0.28 | 0.30 | 15 | 6.6 | 1.96 | 9.8 | 2.91 |
| *2 | 0.96 | 0.69 | 0.28 | 0.56 | | | 3.70 | 17.49 | |
| 3 | 1.01 | 0.78 | 0.23 | 0.56 | | | 3.70 | 5.49 | |
| 4 | 0.53 | 0.14 | 0.39 | 0.41 | | | 2.71 | 4.02 | |

*Q₁₀₀ cfs. Total includes 12.0 cfs. From Oaks North 21" Storm Sewer

PHASE II

| | | | |
|---|---------------|-------------------|----------------|
| Revised Drainage Areas, Added Outfall Points | | JCK | 5-27-86 |
| No. | Revision | By | Date |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS WINNWOOD/CELESTIAL RD. IMPROVEMENTS | | | |
| CELESTIAL DRAINAGE AREA MAP STA. 0+50 to STA. 18+92.78 | | | |
| GINN, INC. Consulting Engineers Dallas, Texas | | | |
| Designed - JCK | Drawn - GAP | Date - OCT., 1985 | Job No. - 265 |
| Approved - HWG | Checked - JCK | Scale - 1"=200' | Sheet 29 of 29 |