



**Keller Springs Lofts
Loft Apartments in Addison**
Town of Addison, Texas

DRAINAGE AREA MAP

DATE: OCTOBER 11, 2011
DESIGN: KHA
DRAWN: KHA
CHECKED: KHA
KHA NO.: 064362003
CITY NO.:

SHEET
C5



LEGEND
EXISTING CONTOUR ---500---
DRAINAGE DIVIDE LINE - - - - -
SURFACE FLOW DIRECTION →
DRAINAGE AREA AREA No. X
AREA (AC) XXX.XX
Q1.00

| Runoff Calculations | | | | | |
|---------------------|------------------|----------|---------------------------------------|-------------------|----------------------------------|
| AREA NO. | AREA "A" (ACRES) | Tc (MIN) | INTENSITY "I ₁₀₀ " (IN/HR) | RUNOFF COEFF. "C" | STORM RUNOFF "Q ₁₀₀ " |
| 1 | 0.158 | 10 | 8.74 | 0.9 | 1.2 |
| 2 | 0.517 | 10 | 8.74 | 0.9 | 4.1 |
| 3 | 0.098 | 10 | 8.74 | 0.9 | 0.8 |
| 4 | 0.200 | 10 | 8.74 | 0.9 | 1.6 |
| 5 | 0.151 | 10 | 8.74 | 0.9 | 1.2 |
| 6 | 0.281 | 10 | 8.74 | 0.9 | 2.2 |
| 7 | 0.203 | 10 | 8.74 | 0.9 | 1.6 |
| 8 | 0.365 | 10 | 8.74 | 0.9 | 2.9 |
| 9 | 0.412 | 10 | 8.74 | 0.9 | 3.2 |
| 10 | 0.598 | 10 | 8.74 | 0.9 | 4.7 |
| 11 | 0.303 | 10 | 8.74 | 0.9 | 2.4 |
| 12 | 0.409 | 10 | 8.74 | 0.9 | 3.2 |
| 13 | 0.164 | 10 | 8.74 | 0.9 | 1.3 |
| 14 | 0.216 | 10 | 8.74 | 0.9 | 1.7 |
| 15 | 0.107 | 10 | 8.74 | 0.9 | 0.8 |
| 16 | 0.198 | 10 | 8.74 | 0.9 | 1.6 |
| 17 | 0.181 | 10 | 8.74 | 0.9 | 1.4 |
| 18 | 0.155 | 10 | 8.74 | 0.9 | 1.2 |
| 19 | 0.814 | 10 | 8.74 | 0.9 | 6.4 |
| 20 | 0.452 | 10 | 8.74 | 0.9 | 3.6 |
| 21 | 1.356 | 10 | 8.74 | 0.3 | 3.6 |
| 22 | 0.874 | 10 | 8.74 | 0.9 | 6.9 |
| 23 | 0.874 | 10 | 8.74 | 0.9 | 6.9 |
| 24 | 0.742 | 10 | 8.74 | 0.9 | 5.8 |
| 25 | 3.823 | 10 | 8.74 | 0.9 | 30.1 |
| 26 | 1.673 | 10 | 8.74 | 0.9 | 13.2 |
| 27 | 0.579 | 10 | 8.74 | 0.9 | 4.6 |

BENCH MARKS:
BMS
SQUARE CUT ON INLET, SOUTHWEST CORNER OF RATLIFF LANE AND ADDISON ROAD.
ELEVATION 637.20
BMS
SQUARE CUT ON INLET, SOUTHWEST CORNER OF AIRPORT PKWY. AND QUORUM DRIVE.
ELEVATION 631.15
BMS
BRASS DISK FOUND AT NORTHWEST CORNER OF INLET, SOUTHWEST CORNER OF KELLER SPRINGS AND ADDISON ROAD.
ELEVATION 638.91