



- LEGEND**
- CENTERLINE
  - ⊕ CENTERLINE
  - PROPERTY LINE
  - - - EASEMENT
  - OHE OVERHEAD ELECTRIC LINES
  - CONCRETE
  - COVERED AREA
  - NG NATURAL GROUND
  - P.R.D.C.T. PLAT RECORDS OF DALLAS COUNTY, TEXAS
  - R.P.R.D.C.T. REAL PROPERTY RECORDS OF DALLAS COUNTY, TEXAS

**ON-SITE DRAINAGE**

| WATERSHED DESIGNATION | AREA, (ACRES) | TIME OF CONCENTRATION (MIN.) | RAINFALL INTENSITY, IN. / HR | C    | RUNOFF (CFS) |
|-----------------------|---------------|------------------------------|------------------------------|------|--------------|
| WS-I                  | 0.08          | 10                           | 8.82                         | 0.25 | 0.18         |
| WS-II***              | 1.49          | 10                           | 8.82                         | 0.25 | 3.28         |
|                       | 4.63          |                              |                              | 0.95 | 38.79        |

\* TO OFF-SITE INLETS  
 \*\*\*TO PROPOSED DETENTION POND

**OFF-SITE DRAINAGE**

| WATERSHED DESIGNATION | AREA, (ACRES) | TIME OF CONCENTRATION (MIN.) | RAINFALL INTENSITY, IN. / HR | C    | RUNOFF (CFS) |
|-----------------------|---------------|------------------------------|------------------------------|------|--------------|
| WS-III*               | 3.61          | 10                           | 8.82                         | 0.15 | 23.88        |
| WS-IV*                | 1.36          | 10                           | 8.82                         | 0.25 | 3.00         |
| WS-V*                 | 1.30          | 10                           | 8.82                         | 0.85 | 9.75         |
| WS-VI*                | 0.87          | 10                           | 8.82                         | 0.85 | 6.52         |
| WS-VII**              | 1.93          | 10                           | 8.82                         | 0.90 | 15.32        |

\* TO OFF-SITE INLETS  
 \*\* TO AIRBORNE DRIVE

**SURVEY CONTROL**  
 CONTROL MONUMENT FOUND #COA-13  
 630' WEST FROM INTERSECTION OF  
 ADDISON ROAD & WESTGROVE DRIVE  
 THEN 15.7' SOUTH FROM BACK OF CURB,  
 5' FROM STREET SIGN & 8' SOUTH TO BACK  
 OF CURB OF WEST GROVE ROAD  
 US SURVEY FEET  
 NAVD 88 ELEVATION 642.09  
 MONUMENT: 2" BRASS DISK STAMPED "TXDOT  
 COA-13 GPS" STATE PLANE COORDINATES  
 NORTHING: 7042028.880  
 EASTING: 2479820.516  
 DALLAS COUNTY SCALE FACTOR: 1.000136506  
 ELEVATIONS ARE NAVD 88 BASED UPON  
 TXDOT VRS NETWORK

**AS BUILT**  
 APRIL 30, 2010

REVISED: 12/23/08



| DATE     | REVISION DESCRIPTION |
|----------|----------------------|
| 6/16/08  | RHT                  |
| 8/3/08   | RHT                  |
| 9/26/08  | RHT                  |
| 11/18/08 | RHT                  |
| 11/26/08 | RHT                  |

**DRAINAGE PLAN**  
 BEING A REPLAT OF WESTGROVE AND AIRBORNE  
 BEING A REPLAT OF BLOCK A, CARROLL ESTATES

TOWN OF ADDISON      DALLAS COUNTY      TEXAS

DATE: 04-04-08      SCALE: 1" = 50'      FILE NUMBER: 4221AIR-ALLDRAIN      DATA FILE:  
 DRAWN BY: MGB      FIELD BOOK:  
 KISTENMACHER ENGINEERING COMPANY, INC.      CHECKED BY: GKK      SHEET 6  
 CONSULTING ENGINEERING • LAND PLANNING • SURVEYING      OF 14  
 1420 GERONIMO DRIVE, SUITE A2 • EL PASO, TEXAS 79925 • 915-778-4476  
 6336 GREENVILLE AVE, SUITE C • DALLAS, TEXAS 75206 • 214-234-0011