



- 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

A = 4.22 C = 0.25
Watershed C = 0.91
t_c = 10 min

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

0.88 ACRES.

PROPOSED DRAINAGE PLAN
 PORTION OF LOTS 6, 7 & 8
 BLOCK A, CARROLL ESTATES

CITY OF ADDISON DALLAS COUNTY TEXAS

DATE: 04-04-08 SCALE: 1" = 50' FILE NUMBER: 4221AIR-ALLDRAIN DATA FILE:

k KISTENMACHER ENGINEERING COMPANY, INC. DRAWN BY: MGB FIELD BOOK:

CONSULTING ENGINEERING LAND PLANNING SURVEYING CHECKED BY: GGK SHEET 1 OF 1

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