



ON-SITE RUNOFF CALCULATIONS (DEVELOPED CONDITIONS)

Drainage Area #	Area (Acres)	Runoff Coeff.	Intensity (in./hr.)	Time (conc.) (minutes)	Discharge (c.f.s.)	Comment
"A"	"C"	"I"	TC	"Q"		
A1	1.11	0.8	8.74	10.0	7.8	Developed - Town Home
A2	0.38	0.8	8.74	10.0	2.7	Developed - Town Home
B	0.16	0.8	8.74	10.0	1.1	Developed - Town Home
C	0.48	0.8	8.74	10.0	3.4	Developed - Town Home
D	0.17	0.8	8.74	10.0	1.2	Developed - Town Home
ONSITE DRAINAGE TOTAL					16.1	

DRAINAGE DESIGN THEORY
Rational Method
Q=CIA

* Q(EXISTING) REPRESENTS DESIGN FLOWS PER THE PLANS FOR CELESTIAL PLACE BY ALLEGIANCE GROUP (JANUARY 1994)

LEGEND

- DRAINAGE AREA NUMBER
- PROPOSED DRAINAGE DIVIDE
- EXISTING DRAINAGE DIVIDE
- EXISTING CONTOURS
- PROPOSED FLOW DIRECTION
- PROPOSED INLET LABEL

NO.	REVISIONS DURING CONSTRUCTION	BY	DATE	NO.	REVISIONS DURING PLAN REVIEW	BY	DATE

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STORM SEWER PLAN
PRELIMINARY
STANFORD COURT
Town of Addison, Dallas County, Texas

PROJECT NO. CDC004
SHEET NO. 2

Plotted by: Juke Plot Date: 6/26/2006 4:40 PM
Drawing: H:\Projects\CD0004\CD0004.dwg\Revised Layout\CD0004.dwg Saved By: Juke Save Time: 6/26/2006 4:23 PM