



**DRAINAGE DATA**

DRAINAGE DATA BASED ON 100 FREQUENCY

PRE DEVELOPED	POST DEVELOPED
RUNOFF COEFF. FOR PRE DEVELOPED	RUNOFF COEFF. FOR POST DEVELOPED
$T_c$ INTENSITY	$T_c$ INTENSITY
0.35	0.9
20 MIN.	10 MIN.
8.3 IN./HR.	9.8 IN./HR.

**DRAINAGE AREA CALCULATIONS**

AREA NO.	AREA (ACRES)	PRE DEV.		PROPOSED DEV.	
		$T_c$ (MIN)	$I$ (IN./HR)	$T_c$ (MIN)	$I$ (IN./HR)
A1	2.86	20	8.3	10	9.8
A2	0.02	20	8.3	10	9.8
A3	0.21	20	8.3	10	9.8
A4	0.02	20	8.3	10	9.8
A5	0.10	20	8.3	10	9.8
A6	0.10	20	8.3	10	9.8
B	0.64	20	8.3	10	9.8
C	1.05	20	8.3	10	9.8
D	1.00	20	8.3	10	9.8
<b>TOTAL</b>					



**AS BUILT**

THIS IS TO CERTIFY THAT CHANGES AND CORRECTIONS HAVE BEEN MADE TO THE ORIGINAL DESIGN AND CONSTRUCTOR'S RECORD OF THIS PROJECT.

**DRAINAGE AREA MAP**

ROCKWALL MARKET CENTER SOUTH  
ROCKWALL, TEXAS

**GJ DEVELOPMENT, LP.**  
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**PSA ENGINEERING**  
17819 DANFORTH ROAD, SUITE 218 DALLAS TX 75242 PH (972) 248-9851 FAX (972) 248-9851  
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DESIGN	DRAWN	DATE	SCALE	CHECK	FILE	NO.
PSA	PSA	06/22/11	AS SHOWN	PSS	21009.RMS	<b>C-2</b>