℄ STORM SYSTEM CURVE DATA

Curve	Δ	R	L	C	T
1	86°21'37"	200.00'	301.45'	273.72'	187.68'
2	90°00'00"	185.00'	290.60'	261.63'	185.00'
3	44°03'30"	200.00'	153.79'	150.03'	80.92'
4	20°00'00"	200.00'	69.81'	69.46'	35.27'
5	48°49'25"	140.00'	119.30'	115.72'	63.54'
6	29°03'12"	140.00'	70.99'	70.23'	36.28'
7	10°00'00"	200.00'	34.91'	34.86'	17.50'
8	35°32'59"	200.00'	124.09'	122.11'	64.12'
9	21°16'42"	200.00'	74.28'	73.85'	37.57'
10	28°47'35"	320.00'	160.81'	159.12'	82.14'

B.M.
CITY OF ROCKWALL CONTROL MONUMENT #6
ELEVATION = 556.17

T.B.M.
N.E. CORNER OF STEIN MART TRACT RIM OF S.S. MANHOLE
ELEVATION = 571.75

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LAWRENCE A. CATES, P.E. 41838 ON 04/13/98

STATE OF TEXAS — LAWRENCE A. CATES — 41838 — REGISTERED PROFESSIONAL ENGINEER

REV	DATE	REMARKS
4	4/10/98	ADDED DROP INLET
3	10/6/97	ADDED 70 L.F. 18" W/6:1 TxDOT HDWLS. PER TxDOT COMMENTS
2	10/3/97	REVISED DOWNSPOUT SIZE TO 10"
1	8/28/97	ADDN. No. 1 – ADDED 2 EA. 8" PVC ROOF DRAIN

DRAINAGE PLAN

LOT 1, BLK. C – STEGER TOWNE CROSSING PHASE II

LOWE'S – RIDGE ROAD & HORIZON ROAD

ROCKWALL, TEXAS

LAWRENCE A. CATES & ASSOC., INC.
14200 MIDWAY ROAD, SUITE 122 (972) 385-2272
CONSULTING ENGINEERS DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	7/21/97	1"= 60'	D.P.	97036 DRNGPLN	C–7

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