



RUN OFF CALCULATIONS										
BASIN	AREA	C	S <sub>c</sub>	S <sub>e</sub>	Q <sub>s</sub>	I <sub>100</sub>	Q <sub>100</sub>	COMMENTS		
A	1.72	0.8	10	5.1	7.01	7.8	10.73	1/2" - 1' OFFSITE - USE 1-4K TYPE Y		
B	1.06	0.8	10	5.1	4.31	7.8	6.59	1/2" - 0.4' - USE 1-5' STD INLET		
C	1.33	0.8	10	5.1	5.44	7.8	8.32	1/2" - 1' - USE 1-4GRATE INLET		
D	1.66	0.8	10	5.1	6.79	7.8	10.38	1/2" - 1' - USE 1-10' STD INLET		
E	0.75	0.8	10	5.1	3.18	7.8	4.86	1/2" - 1' - USE 2-10' STD INLET		
F	2.13	0.8	10	5.1	8.69	7.8	13.29	DEPTH 1' - USE 2-4GRATE INLETS		
G	0.45	0.8	10	5.1	1.83	7.8	2.80	DEPTH 1' - USE 1-3GRATE INLET		
H	0.54	0.8	10	5.1	2.20	7.8	3.37	DEPTH 1' - USE 1-3GRATE INLET		
J	0.62	0.8	10	5.1	2.55	7.8	3.90	1/2" - 0.5' - USE 1-10' INLET		
K	1.00	0.8	10	5.1	4.08	7.8	6.23	1/2" - 1' - USE 1-10' INLET		
L	1.54	0.8	10	5.1	6.29	7.8	9.63	1/2" - 0.4' - USE EXIST 2-10' INLETS		
O	5.36	0.8	10	5.1	21.87	7.8	33.45	SEE BASIN A		
P	4.50	0.8	10	5.1	18.73	7.8	28.65	TO BASIN L - USE EXIST 2-10' INLETS		

CITY OF ADDISON  
**APPROVED**  
 FOR CONSTRUCTION

BUILDING DEPARTMENT

DATE: \_\_\_\_\_

NOTE: CONTRACTOR IS HEREBY RESTRICTED TO EXERCISE CARE IN THE CONSTRUCTION OF THE WORK AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF ADDISON. APPROVAL OF THIS PLAN IS NOT A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED BY THE SUBMITTER.

R CURVE DATA  
 Δ: 1° 20' 26"  
 R: 220.00'  
 T: 2.57'  
 L: 5.15'

REVISION DATE: LINE C ADDED 3-19-81

REVISION DATE: REVISED PARKING GRADES 5-B-81 & 10-14-81

**BILLY L. STEPHENSON AND ASSOCIATES CONSULTING ENGINEERS**  
 2220 HIGHLAND ROAD  
 324-2461  
 DALLAS, TEXAS 75228

**DRAINAGE AREA MAP**

**BENT TREE VALLEY APARTMENTS**

SHEET NO 3 OF 5  
 SCALE 1" = 40'  
 DRAWN BY: D.R.M.  
 SURVEYED BY: R.H.  
 SURVEYED 9-6-80  
 CHECKED BY:  
 JOB NO 80024