EXHIBIT NO. 11

Catch Basin Design Sheet

CATCH BASIN DESIGN

Project _____ Sh. _____ of _____

Date _____ By _____

Design Frequency _____ Yrs.

Catch Basin Location, Station, Letter, or Number	1	Type of Catch Basin Used		CB-3A CB-3 CB-3M Other														
	2	Use This Info. & Exhibit No. 4 to Obtain tc	Length of Drainage Area	ft														
	3		Runoff Coefficient (c) Assuming Ultimate Upstream Development	-														
	4		Slope of Drainage Area	%														
	5		Time of Concentration (tc)	min.														
	6	Rainfall Intensity (i)		in/hr														
	7	Drainage Area to Catch Basin (a)		acres														
	8	Peak Discharge (Q = Cols. 3 x 6 x 7 = cia)		cfs														
	9	Transverse Slope of Pav't Use Exhibit Nos. 10 thru 12 for St'd Sub'd. Pav'ts. to Complete Col's 13 and 14		ft/ft														
	10	Longitudinal Slope of Gutter		ft/ft														
	11	Flow Carried Over From Upstream Catch Basin		cfs														
	12	(Cols. 8 + 11) Total Gutter Flow to Catch Basin		cfs														
	13	Spread (Width of Flow)		ft														
	14	Flow By-passing Catch Basin		cfs														
	15	Col. 12 - Col. 14 Flow Intercepted by Catch Basin		cfs														
	16	For Low Sag Areas and Low-Pt Cul-de-Sacs	Flow Thru Grate (Exhibit No. 13)	cfs														
	17		Flow Thru Curb Opening (Exhibit No. 14)	cfs														
	18		Depth of Ponding	ft														