

## EXHIBIT C

### DRAINAGE DESIGN CRITERIA CHART

The use of underground storm drain systems shall be required, when any of the following conditions exist:

- a. The limitations outlined in Table below.
- b. Future upstream development will cause drainage problems.
- c. The need for cross drainage of surface flow on arterial highway.
- d. Excess nuisance water in residential areas (surface flow maximum - 1000 feet).
- e. Median drainage is required.

### MAXIMUM ALLOWABLE STREET FLOODING

Type of Street	Frequency Storm	Maximum Allowable Flooding
Local	10	Top of curb
	100	At or below R/W line
Arterial Highway	10	Parking lane plus 1/2 travel lane or 17 feet
	25	Top of curb
	100	At or below R/W line
Sump Condition	Same as above	Same as above

### DESIGN STORM FREQUENCY

100 -Year	Habitable structures protection.
25 -Year	All open and underground channels and storm drains with drainage areas less than 640 acres and tributary to the Santa Ana River watershed.
10 -Year	All open and underground channels and storm drains with drainage areas less than 640 acres and tributary to all other watersheds.

