

EXHIBIT C

DRAINAGE DESIGN CRITERIA CHART

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

- a. Future upstream development will cause drainage problems.
- b. The need for cross gutters on arterial highway.
- c. Excess nuisance water in residential areas (surface flow maximum - 1000 feet).
- d. Median drainage is required.
- e. Product of depth x velocity is greater than six (6).

MAXIMUM ALLOWABLE STREET FLOODING

Type of Street	Frequency Storm	Maximum Allowable Flooding
Local	10	Top of curb
	100	Required 6" below building pad elevation
Arterial Highway	10	Parking lane plus 1/2 travel lane or 17 feet
	25	Top of curb
	100	Required 6" below building pad elevation
Sump Condition	25	Initial inlet
	100	Required 6" below building pad elevation

DESIGN STORM FREQUENCY

100-Year	arterial highway in hillside areas, storm drains connecting to the Santa Ana River
25-Year	arterial highway in flatland areas, local streets in hillside areas, storm drains in sump condition
10-Year	local streets in flatland areas, on-site private storm drain systems