



Storm Runoff Calculations, Developed Conditions

PROJECT: HONOAPIILANI HIGHWAY SHORELINE PROTECTION
 LOCATION: OLOWALU, MAUI, HAWAII
 STORM WATER RUNOFF, DEVELOPED CONDITIONS

CALCULATIONS BY: DM
 CHECKED BY: JK
 DATE: 5/2/2008

Tm = 10 YR 1-HR. RAINFALL, i = 2 INCHES

AREA	AREA (SQ.FEET)	OVERLAND FLOW TIME	ADJUSTED I (IN./HR.)	C	A (ACRES)	Q (CFS)	INLET
		Tc (MIN.)					
1	57,563	10.5	4.0	0.80	1.32	4.23	D24"
					1.32	4.23	