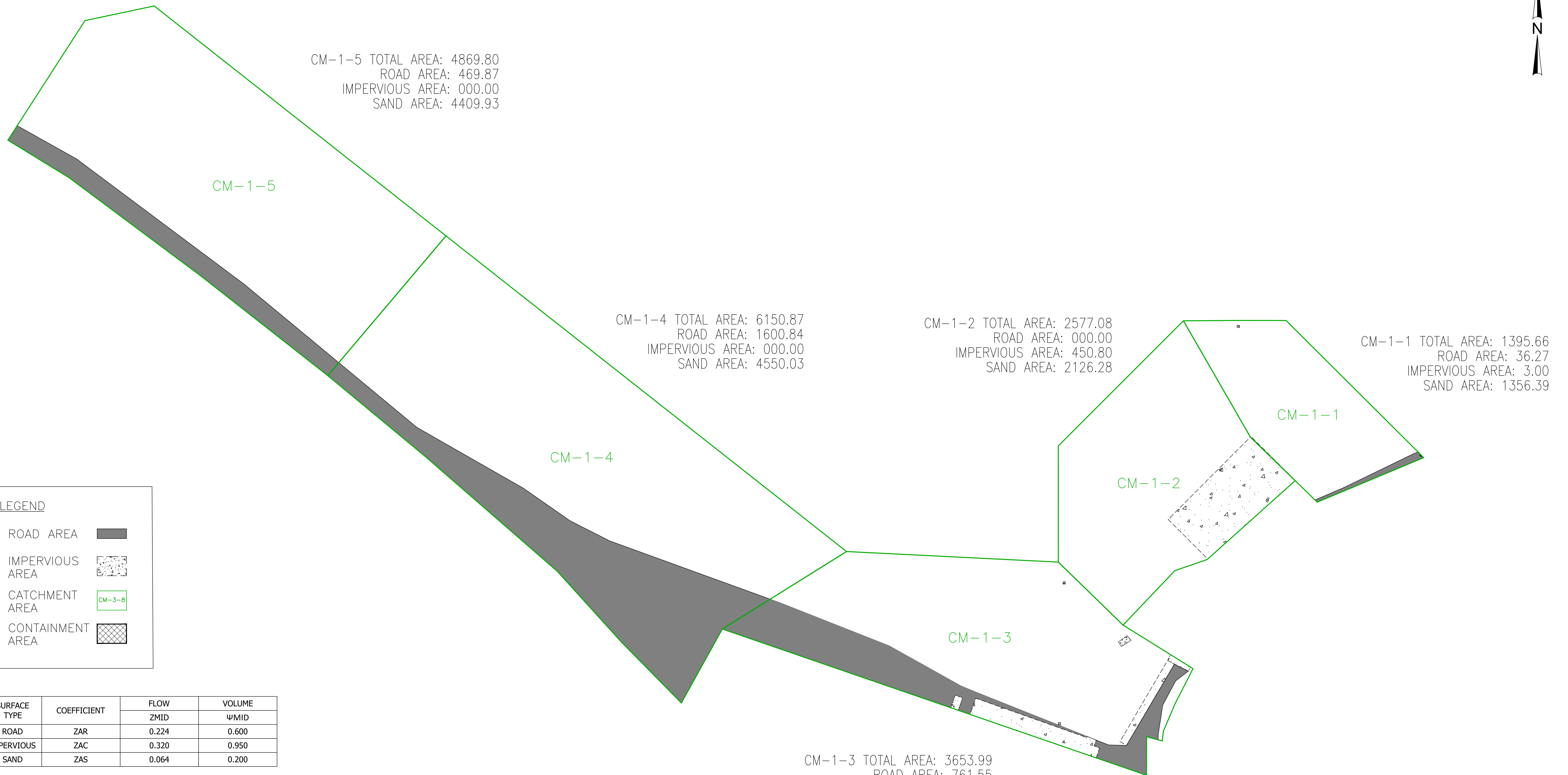


ZONE 1 CATCHMENT AREAS



LEGEND	
ROAD AREA	
IMPERVIOUS AREA	
CATCHMENT AREA	
CONTAINMENT AREA	

SURFACE TYPE	COEFFICIENT	FLOW	VOLUME
		ZMID	ΨMID
ROAD	ZAR	0.224	0.600
IMPERVIOUS	ZAC	0.320	0.950
SAND	ZAS	0.064	0.200

ITEM	AREAS					FLOW	VOLUME
	ROAD	IMPERVIOUS	SAND	TOTAL	TOTAL (WEIGHTED)	AVE COEF.	
	Ar (m2)	AC (m2)	AS (m2)	AR+AC+AS = AT (m2)	(AR*ZAR)+(AC*ZAC)+(AS*ZAS) = AT (m2)		(AR*ΨAR)+(AC*ΨAC)+(AS*ΨAS) = AT
CM-1-1	36.27	3.00	1356.39	1395.66	95.89		295.89
CM-1-2	0.00	450.80	2126.28	2577.08	280.34		853.52
CM-1-3	761.55	209.95	2682.49	3653.99	409.45		1192.88
CM-1-4	1600.84	0.00	4550.03	6150.87	649.79		1870.51
CM-1-5	469.87	0.00	4409.93	4879.80	387.49		1163.91
TOTAL	2868.53	663.75	15125.12	18657.40	1822.96	0.00	5376.70