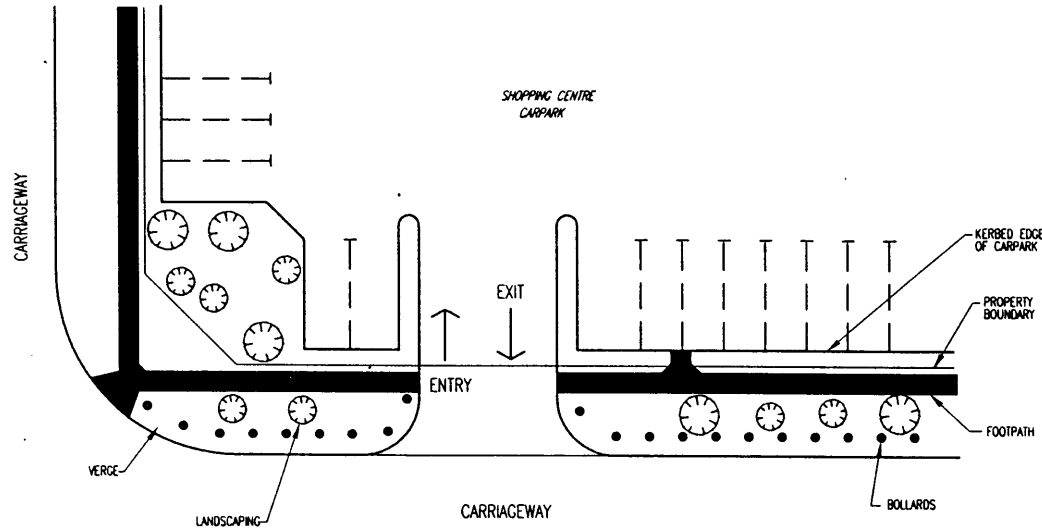
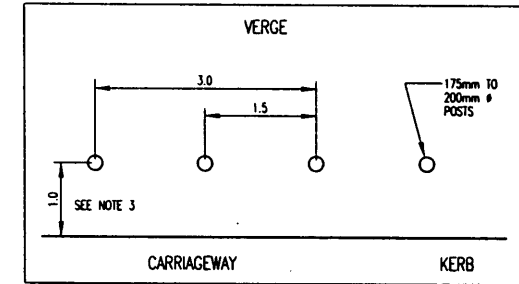


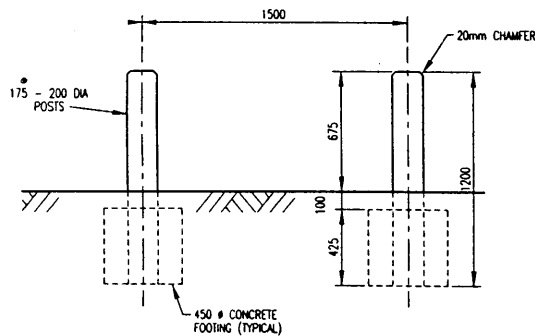
No	REVISION	BY	DATE	APP	C
1	RE ISSUED	C.P.LAW	10/00		



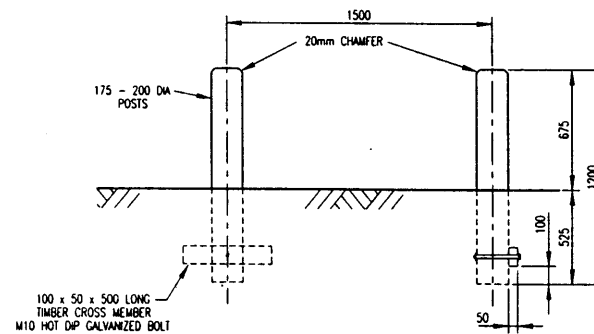
LAYOUT PLAN
NOT TO SCALE



BOLLARD DETAIL
NOT TO SCALE

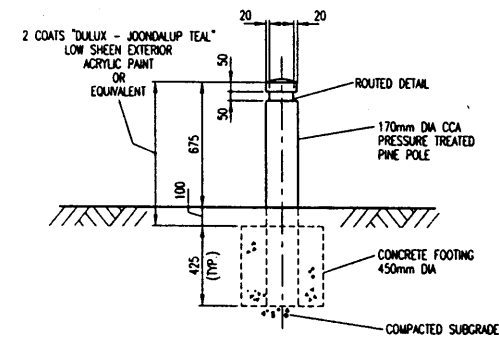


CONCRETE FOOTING
NOT TO SCALE



TIMBER STRUT
NOT TO SCALE

ALTERNATIVE INSTALLATIONS



JOONDALUP CITY CENTRE TYPE 1

NOTES:

1. LANDSCAPING TO HAVE 600-2400mm CLEAR ZONE ABOVE PAVEMENT FOR UNOBSTRUCTED SIGHTLINE TO VEHICLES AND PEDESTRIANS.
2. **CAUTION:**
THE INSTALLATION OF BOLLARDS SHOULD NOT INTERFERE WITH EXISTING SERVICES INCLUDING STORMWATER DRAINAGE. INSTALLER IS RESPONSIBLE FOR CONTACTING SERVICES AUTHORITIES TO DETERMINE LOCATIONS AND DEPTHS OF SERVICES PRIOR TO BOLLARD INSTALLATION.
3. OFFSET FROM KERB MAY VARY SUBJECT TO TRAFFIC TYPE, KERB TREATMENT AND POSTED SPEED LIMIT.

ORIGINAL ISSUE OF DRAWING															
SURVEY INFORMATION		DRAWN	GRID	SCALES AS SHOWN	DESIGNED City of Joondalup	APPROVED	LANDSCAPING VERGE BOLLARDS STANDARD			CITY OF JOONDALUP INFRASTRUCTURE MANAGEMENT SERVICES					
DESIGN DIRECTORY:		HORIZONTAL SCALE DIAGRAMMATIC			DRAWN City of Joondalup	* P.PIKOR MANAGER INFRASTRUCTURE MANAGEMENT SERVICES				CIVIL DESIGN SERVICES					
DRAWING DIRECTORY:					CHECKED BY * C.P.LAW DESIGN DIRECTOR	CHECKED BY * D.MATHER ENGINEER				APPROVED FOR CONSTRUCTION	FILE No.	DRAWING No.	SHEET		REVISION
CD FROM ARCHIVE No. JS-1					AUTHORIZED * M.RALPH CO-ORDINATOR CIVIL DESIGN SERVICES	* D.DJULBIC DIRECTOR INFRASTRUCTURE MANAGEMENT SERVICES				LOCALITY	ES 04 - 2 - 1				A2