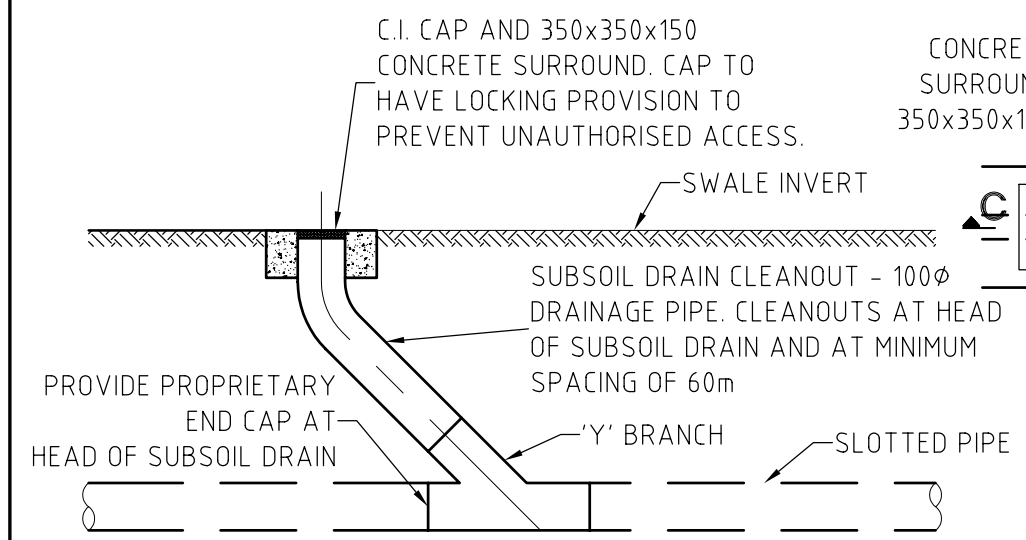
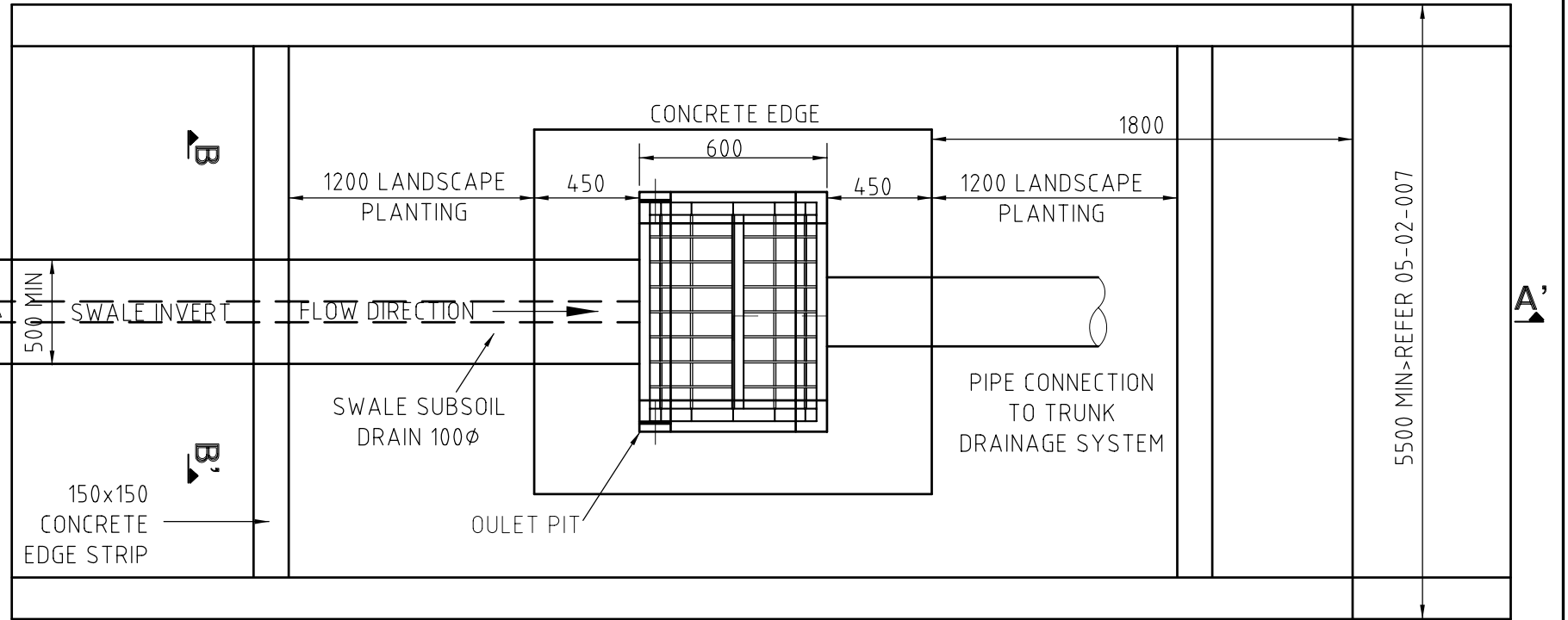


ROAD VERGE GRASS SWALE INLET DETAIL A-A'

SWALE SUBSOIL DRAIN DETAIL B-B'



SWALE SUBSOIL DRAIN CLEANOUT C-C' (SECTIONAL VIEW)



ROAD VERGE SWALE PLAN VIEW

NOTES:

- SUBSOIL DRAIN MAY HAVE TWO FUNCTIONS, DEWATERING THE VEGETATED SWALE AND THE CONVEYANCE OF ROOFWATER. THE SLOTTED PIPE DIAMETER SHALL BE BASED ON THE NUMBER OF HOUSES CONNECTED TO THE SYSTEM. FOR COMPLEX SYSTEMS A DETAILED HYDRAULIC DESIGN IN ACCORDANCE WITH QUDM SHALL BE UNDERTAKEN.
- SLOTTED PIPES TO SUBSOIL DRAINS TO BE MINIMUM 100mm DIAMETER: -uPVC PIPES AND FITTINGS FOR DRAIN, WASTE AND VENT APPLICATIONS, JOINT TYPE, SOLVENT WELDED, MINIMUM SEWER CLASS SN8 MANUFACTURED IN ACCORDANCE WITH AS1260. -FIBRE REINFORCED CONCRETE PIPE MINIMUM CLASS 2, MANUFACTURED TO S4139. JOINT TYPE, RUBBER RING (SUPERTITE). -POLYOLEFIN PIPES MANUFACTURED IN ACCORDANCE WITH DRAFT A0308-2003-06-10 "POLYETHYLENE AND POLYPROPYLENE PIPES AND FITTINGS FOR DRAINAGE AND SEWERAGE APPLICATIONS".
- MINIMUM PIPE GRADES TO COMPLY GENERALLY WITH AS3500 - NATIONAL PLUMBING AND DRAINAGE CODE PART 3 STORMWATER DRAINAGE: -1.0% GRADE FOR PIPES ≤ 150 DIAMETER.
- CENTRE MEDIANS SHOULD BE ASSESSED FOR LIKELY PEDESTRIAN TRAFFIC AND IF NECESSARY, BOLLARDS OR SAFETY BARRIERS SHOULD BE INSTALLED AROUND RAISED RATES WHERE LANDSCAPED BUFFERS ARE NOT PROVIDED. ADEQUATE PROVISION IS TO BE PROVIDED FOR THE PASSAGE OF PEDESTRIANS AROUND OBSTRUCTION TYPICALLY 1.8m MIN. CLEARANCE).
- SELECTED SPALLS 50-75mm dia. VOIDS FILLED WITH SOIL MEDIA. SOIL LEND CONFORMING TO AS4419, WITH NO MORE THAN 5% SCREENED COMPOSTED ORGANIC MATTER, MINIMUM HYDRAULIC CONDUCTIVITY OF 5-25cm/hr AND A MINIMUM CEC (CATHION EXCHANGE CAPACITY) OF 20meq/100g, AND pH RANGE OF 5-6.5.
- CONCRETE N25 IN ACCORDANCE WITH AS1379 AND AS3600.
- DIMENSIONS IN MILLIMETRES (U.N.O.).

<p>Gold Coast City Council GOLD COAST CITY COUNCIL PO BOX 5042 GOLD COAST MC 9729</p>	THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE				CONTROLLED DOCUMENT	DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY	<p>STANDARD DRAWING</p> <p>ROAD VERGE SWALE DETAILS</p>	MICROFILMED
						DRAWN BY TECHNICAL SERVICES BRANCH		STANDARD DRAWING No. 05-02-608
						PASSED //		ISSUE
						APPROVED //		2005 EDITION
No.	AMENDMENT	APPROVED	DATE	ISSUED				