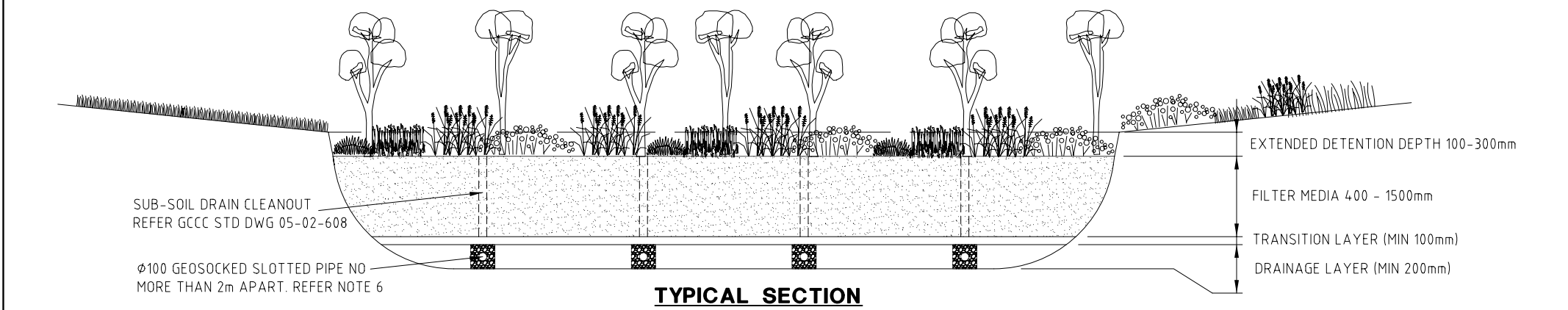


**NOTES:**

1. REFER TO SECTION 13.6 OF THE LAND DEVELOPMENT GUIDELINES FOR DESIGN GUIDANCE ON BIORETENTION BASINS, INCLUDING REQUIREMENTS FOR FILTER MEDIA, TRANSITION AND DRAINAGE LAYERS.
2. DRAINAGE LAYER MAY BE EXCAVATED TO 300mm DRAINAGE LAYER CHANNELS FOR LARGE SCALE BIORETENTION BASINS.
3. SLOTTED PIPES TO SUBSOIL DRAINS TO BE MINIMUM 100mm DIAMETER:
  - PVC PIPES AND FITTINGS FOR DRAIN, WASTE AND VENT APPLICATIONS, JOINT TYPE, SOLVENT WELDED, MINIMUM SEWER CLASS SN6 MANUFACTURED IN ACCORDANCE WITH AS1260.
  - FIBRE REINFORCED CONCRETE PIPE MINIMUM CLASS 1, MANUFACTURED TO AS4139, 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".
4. CONCRETE N25 IN ACCORDANCE WITH AS1379 AND AS3600.
5. DIMENSIONS IN MILLIMETRES (U.N.O.).
6. ONE OR MORE SLOTTED UNDERDRAIN PIPES CAN BE CONNECTED TO THE INLET PIT.
7. REFER TO GCCC STD DWG 05-02-608 FOR SUB-SOIL DRAIN CLEANOUT DETAILS.



 <b>Gold Coast City Council</b> <small>GOLD COAST CITY COUNCIL PO BOX 5042 GOLD COAST MC 9729</small>	THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE			CONTROLLED DOCUMENT	DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY	STANDARD DRAWING	MICROFILMED
					DRAWN BY TECHNICAL SERVICES BRANCH	<b>BIORETENTION BASIN TYPICAL CROSS SECTION</b>	STANDARD DRAWING No. <b>05-02-610</b>
					PASSED // //		ISSUE
					APPROVED // //		2005 EDITION
No.	AMENDMENT	APPROVED	DATE	ISSUED			