



TYPICAL CROSS SECTION

NOTES:

WHERE GRASSED SWALES ARE INSTALLED IN LIEU OF KERB & GUTTER & PIPED SYSTEMS, THE DRAINAGE SWALE SHALL:

1. BE A MINIMUM OF 3.5m WIDE, 0.3 DEEP, 0.5 FLAT BASE WITH 1:5 BATTERS.
2. SHALL BE SIZED TO ACCOMMODATE THE 1:5 ARI (FULLY DEVELOPED CATCHMENT).
3. 1:100 ARI FLOWS CAN BE CARRIED BY THE FULL CARRIAGEWAY PROVIDED THAT THE REQUIREMENTS OF AR&R ARE MET.
 - FLOW SHALL BE NO DEEPER THAN 0.3m.
 - FLOW SHALL HAVE A MAX. V x D OF 0.6.
 - FLOW SHALL HAVE A MAX. VELOCITY OF 2.5m/s.
4. TABLE DRAIN SHALL HAVE A GRADE BETWEEN 0.5% AND 5%.
5. TABLE DRAINS EXCEEDING A 1:5 OR VELOCITY OF 2.5m/s SHALL BE LINED WITH A CONCRETE INVERT.
6. THE OVERALL ROAD RESERVE SHALL BE WIDENED TO ACCOMMODATE THE TOTAL WIDTH OF THE DRAINAGE SWALE.
7. REFER ENGINEERING DESIGN AND ENGINEER'S CONSTRUCTION SPECIFICATIONS FOR PAVEMENT REQUIREMENTS.

					DRAWN SJG/KSC NOT TO SCALE SCALE SHEET SIZE: A3	APPROVED  GROUP MANAGER INFRASTRUCTURE SERVICES D.L.	WINGECARRIBEE SHIRE COUNCIL			
							STANDARD DRAWING WSUD – ROAD SWALE			
A	REVISED ISSUE	SJG/KSC	25/01/21			DATE: 25/01/2021	PLAN No: SD147	SHEET 1 OF 1	ISSUE A	
ISSUE	AMENDMENTS	DRAWN	DATE							