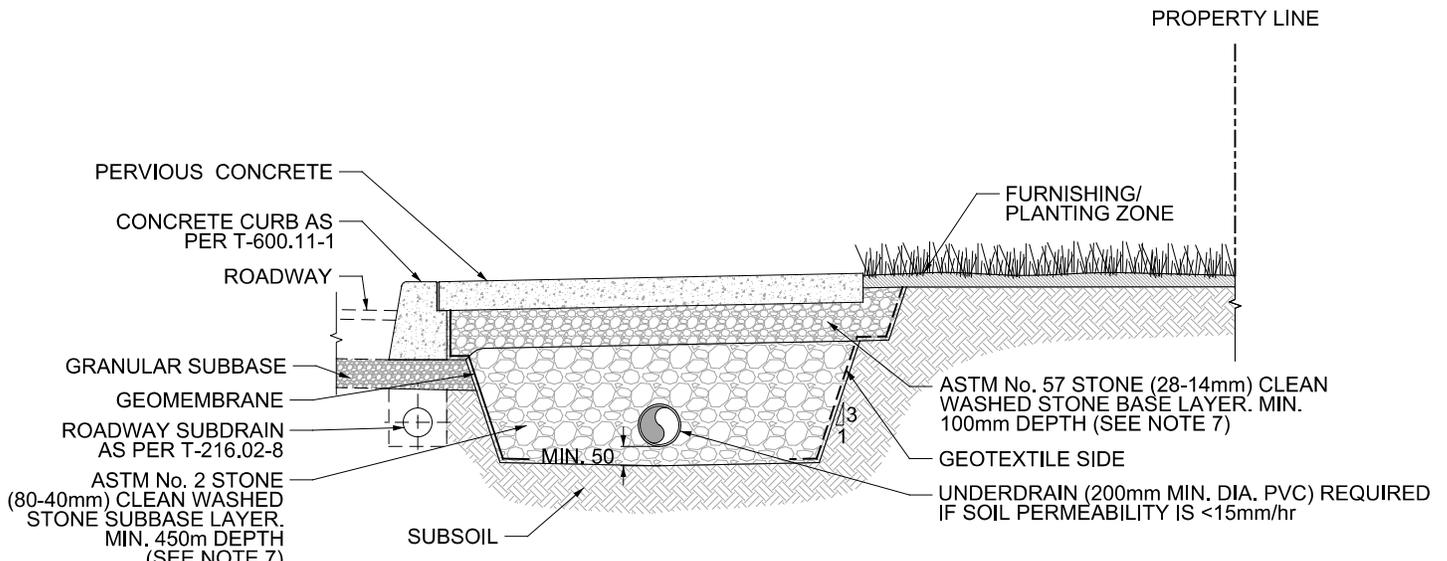


PLAN



SECTION A-A

- NOTES:
- SUITABILITY FOR PLACEMENT OF PERVIOUS CONCRETE WITHIN BOULEVARD TO BE DETERMINED BY THE ENGINEER BASED ON SITE-SPECIFIC VEHICLE LOADING TO MEET AASHTO REQUIREMENTS.
 - PERVIOUS CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 30MPa AND MAKE UP SHALL BE COMBINED GRADATION OF 37.5mm AND 19mm COARSE AGGREGATE.
 - PERVIOUS CONCRETE THICKNESS DESIGNED BY ENGINEER. TYPICAL THICKNESS OF 150mm.
 - DEPTH OF BASE AND SUB-BASE LAYERS TO SUIT CALCULATED STORAGE REQUIREMENTS.
 - MONITORING WELL LOCATION TO BE DETERMINED BY THE ENGINEER. PLACE IN ACCESSIBLE LOCATION.
 - REINFORCING GEOGRID RECOMMENDED IF ADDITIONAL STRUCTURAL SUPPORT REQUIRED.
 - DEPTH WILL VARY. ENGINEER TO CONFIRM DEPTH BASED ON TRAFFIC LOADING CONDITIONS AND HYDRAULIC STORAGE REQUIREMENTS.
 - UNDERDRAIN IS REQUIRED WHERE NATIVE SOIL INFILTRATION RATES ARE LESS THAN 15mm/hr, OR WHEN PERMEABLE PAVEMENT IS MEMBRANE LINED. UNDERDRAIN TO BE MIN. 200mm DIA. SMOOTH INTERIOR WALLED PERFORATED PIPE, INSTALLED MIN. 50mm ABOVE THE BOTTOM OF THE DRAINAGE LAYER. CLEANOUTS TO BE PROVIDED AT MAX. 40m SPACING.

All dimensions are in millimetres unless otherwise shown.

	ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING	REV 0	SEP 2021
	PERVIOUS CONCRETE IN SIDEWALK		T-850.135
	LAYOUT AND SECTION		NTS