



**PLAN**

**NOTES:**

1. UNDERDRAIN IS REQUIRED WHERE NATIVE SOIL INFILTRATION RATES ARE LESS THAN 15mm/hr, WHEN TREE PLANTINGS ARE PRESENT, OR WHEN GREEN INFRASTRUCTURE SYSTEM IS MEMBRANE LINED. UNDERDRAIN TO BE 200mm DIA. SMOOTH INTERIOR WALLED PERFORATED PIPE WRAPPED IN GEOTEXTILE FABRIC, INSTALLED 150mm MIN. ABOVE BASE OF GREEN INFRASTRUCTURE SYSTEM.
2. BIORETENTION CELL WIDTH TO BE MIN. 3500mm WHERE TREES ARE PROPOSED AND MIN. 1850mm WITHOUT TREES.
3. FOR TREE HEALTH, LOCATE INLETS AWAY FROM ROOT BALLS TO MINIMIZE POTENTIAL DAMAGE.
4. LOW POINT TO BE MIN. 75mm BENEATH OVERFLOW RIM ELEVATION. WITHOUT TREES, CENTRALLY LOCATE THE LOW POINT. WITH TREES, POSITION LOW POINTS ON EITHER SIDE OF ROOT BALLS MOUND AND GRADE ACCORDINGLY.

All dimensions are in millimetres unless otherwise shown.

	ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING		REV 0	SEP 2021
	<b>BIORETENTION CELL</b> IN BOULEVARD LAYOUT AND MATERIALS PLAN			
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