



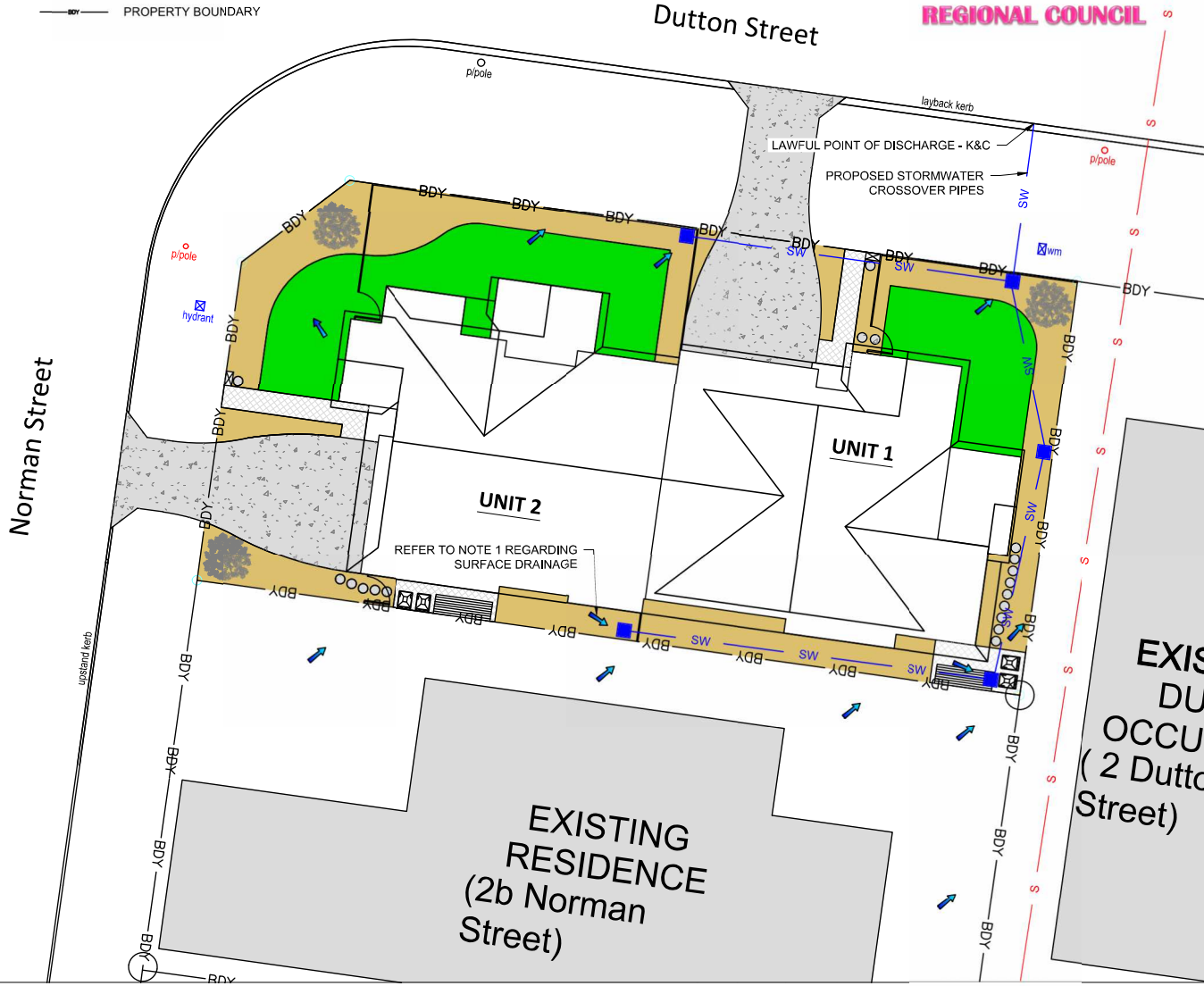
**LEGEND**

- PROPOSED STORMWATER PIPE
- PROPOSED STORMWATER 450x450 PP GRATED INLET PIT
- STORMWATER OVERLAND FLOW PATH
- EXISTING SEWER
- PROPERTY BOUNDARY

RECEIVED

05/01/2026

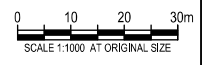
TOOWOOMBA REGIONAL COUNCIL



**STORMWATER LAYOUT PLAN**  
SCALE 1:200



**STORMWATER CATCHMENT PLAN**  
SCALE 1:1000



STORMWATER RUNOFF CALCULATIONS USING RATIONAL METHOD										
CATCHMENT NAME	DESIGN STORM	DESIGN FLOWRATE (L/s)	AREA (ha)	t <sub>s</sub> (MIN.)	C <sub>r</sub>	f <sub>i</sub>	F <sub>y</sub>	C <sub>10</sub>	I (mm/h)	
E1	39% AEP	23.30	0.1092	5.00	0.650	0.70	0.85	0.765	118	
E2 (ROOF ONLY)	5% AEP	17.34	0.0327	5.00	0.945	1.00	1.05	0.900	202	

**NOTES:**

1. EXTERNAL SURFACE AROUND THE BUILDING SLAB TO SLOPE AWAY FROM THE BUILDING AT A MINIMUM GRADE OF 1 IN 20 (5%) OVER THE FIRST 1m, THEREAFTER AT A MINIMUM GRADE OF 1 IN 50 (2%) UP TO THE PROPERTY BOUNDARY, UNLESS APPROVED OTHERWISE. THE FINISHED SLAB HEIGHT MUST BE AT LEAST 150mm HIGHER THAN THE EXTERNAL FINISHED SURFACES.
2. STORMWATER PIT AND PIPE DESIGN ARE INDICATIVE - SIZES AND PIPE GRADES TO BE DETERMINE DURING DETAILED DESIGN.
3. STORMWATER FROM UPSTREAM CATCHMENT WILL BE RECEIVED AS SHEET FLOW UNDER THE EXISTING FENCE, COLLECTED IN THE PROPOSED LEVEL II ROOF AND ALLOTMENT DRAINAGE SYSTEM, CONVEYED AND DISCHARGED TO THE LAWFUL POINT OF DISCHARGE WHICH IS THE DUTTON STREET KERB AND CHANNEL.
4. THE FINISHED GROUND LEVEL SHALL TIE IN NEATLY WITH THE NATURAL GROUND LEVEL AT THE PROPERTY BOUNDARY.

PRINT IN COLOUR

FOR APPROVAL

No	Revision	Drawn	Checked	Approved	Date
A	ISSUE FOR APPROVAL / RESPONSE TO TRC IR	RV	RV	RV	22/12/25

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RFEQ No.	13175	Drafting Check	R. VOSLOO	Design Check	R. VOSLOO
DATE	19/12/2025	Scale	0 2 4 6m		
Signature		SCALE 1:200 AT ORIGINAL SIZE			

<b>LOCATION:</b> 4 DUTTON ST, SOUTH TOOWOOMBA, QLD 4350 <b>REP DESCRIPTION:</b> LOT 1 SP226071 <b>TRC DA REF. NO.:</b> MCJJI20257662	<b>Client</b> SAMUEL & NICOLE MARSDEN <b>Project</b> DUAL OCCUPANCY AT 4 DUTTON STREET <b>Title</b> CONCEPTUAL STORMWATER MANAGEMENT PLAN
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Original Size	Drawing No: <b>2511-01-D001</b>	Rev: <b>A</b>
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Mon: 22 Dec 2025 - 10:00am D:\VCE TEAM FOLDER\PROJECTS\2025\2511-01\DRAWINGS\FOR APPROVAL\2511-01\_DEV\A.DWG - nosal