

**B 5.3 - GREYWATER REUSE**

- THERE IS NO TREATMENT FOR REUSE OF DWELLING WASTE WATER PROPOSED.  
- ALL WASTE FROM TREATMENT WILL BE DISCHARGED TO SYDNEY WATERS SEWER SYSTEM BASED ON APPROVAL.

**B 5.4 - STORMWATER HARVESTING**

- RAINWATER TANK OF 15 000 LITRES IS PROPOSED TO BE INSTALLED IN THE SUB-FLOOR AREA BELOW GROUND FLOOR LEVEL.  
- THE RAINWATER TANK WILL PROVIDE ON SITE DETENTION OF WATER AND STORAGE OF COLLECTED RAINWATER FOR RE-USE IN EXTERNAL HOSE TAPS AND GARDEN WATERING SYSTEMS

**B 5.5 - STORMWATER MANAGEMENT PLAN DETAILS**

- THE USE OF WATER EFFICIENT TAPWARE WILL REDUCE THE USE OF WATER THROUGHOUT THE DWELLING.  
- LANDSCAPING WILL BE BASED ON PLANTS THAT REQUIRE MINIMAL IRRIGATION AND AUSTRALIAN NATIVES  
- AN O.S.D SYSTEM INSTALLED TO TOP SECTION OF 15 000 LITRE WATER TANK WILL CONTROL RUN OFF FROM THE BUILDING'S 129M2 ROOF CATCHMENT. TOTAL CAPACITY OF O.S.D WILL BE 5 000 LITRES. THE BALANCE OF THE WATER TANK CAPACITY (10 000 LITRES) WILL BE USED TO SUPPLY BUILDING'S EXTERNAL HOSE TAPS AND GARDEN WATERING SYSTEMS.

**B 5.6 - RAINWATER TANKS - WATER SUPPLY**

- ALTHOUGH THIS DWELLING DOES NOT REQUIRE WATER TANKS TO BE INSTALLED FOR WATER SUPPLY, A TANK OF 10 000 LITRES WILL BE INSTALLED FOR EXTERNAL HOSE TAPS AND GARDEN WATERING SYSTEMS

**B 5.7 - STORMWATER MANAGEMENT - O.S.D**

As the proposed development contains an increase of 58m2 in total of impervious area an O.S.D system is to be installed. Its total capacity and discharge to the curb is based on the table B 5.7 of required O.S.D capacity versus additional impervious area

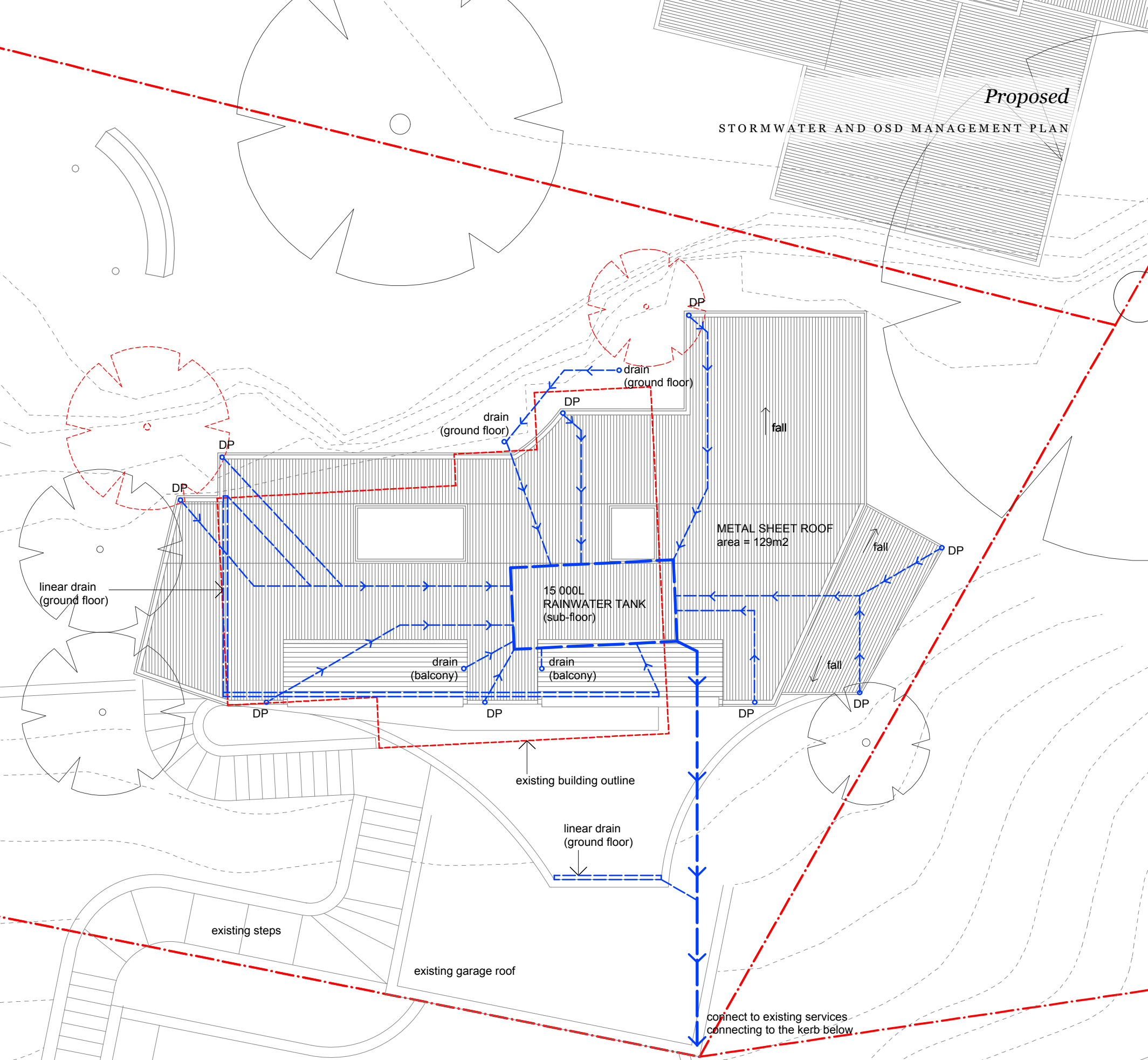
**B 5.8 - STORMWATER MANAGEMENT - WATER QUALITY**

Water quality discharge from site to existing kerb in Barrenjoey Road and will be controlled as follows.  
1. Rainwater tank will be provided with a first flush device and pre-screening for removal of all organic matter.

**B 5.12 - STORMWATER DRAINAGE & NATURAL WATER COURSE**

As there are no existing natural water courses or overland flow drainage elements located on the subject lot there will be a nil effect resulting from the development.

*Proposed*  
STORMWATER AND OSD MANAGEMENT PLAN



REVISIONS	Rev. A	03.11.15	FOR PLANNERS REVIEW
	Rev. B	21.12.15	DEVELOPMENT APPLICATION
	Rev. C		
	Rev. D		
	Rev. E		

CLIENT  
Mr R & I Benn

PROJECT  
1156 Barrenjoey Rd, Palm Beach

**1501-P-11 rev.B**



SCALE  
1:200 @ A3