WATER SAVINGS

WATER SAVINGS TARGET TO BE REACHED IN
ACCORDANCE WITH PART 25 OF THE QDC

1. PROVIDE WATER TANK/S WITH A MINIMUM 5000L CAPACITY

2. TANKS TO RECEIVE RAINFALL FROM AT LEAST ONE HALF OF THE ROOF CATCHMENT AREA OR 100m2, WHICHEVER IS THE LESSER.

3. RAINWATER TANKS ARE TO SUPPLY WATER FOR EXTERNAL USE AND INTERNAL USE TO TOILET CISTERNS AND WASHING MACHINE COLD WATER TAPS.

4. TANKS TO HAVE:
   a) SCREENED DOWNPIPE RAINHEAD HAVING SCREEN MESH 4-6mm DESIGN TO SHED LEAVES;
   b) A MINIMUM OF 15L FIRST FLUSH OF ROOF CATCHMENT DIVERTED/DISCARDED BEFORE ENTERING THE TANK;
   c) MOSQUITO-PROOF SCREENS OF BRASS, COPPER, ALUMINIUM, OR STAINLESS STEEL GAUZE NOT COARSER THAN 1Mmm APERTURE;
   d) FLAP VALVES AT EVERY OPENING;
   e) A VERMIN TRAP.

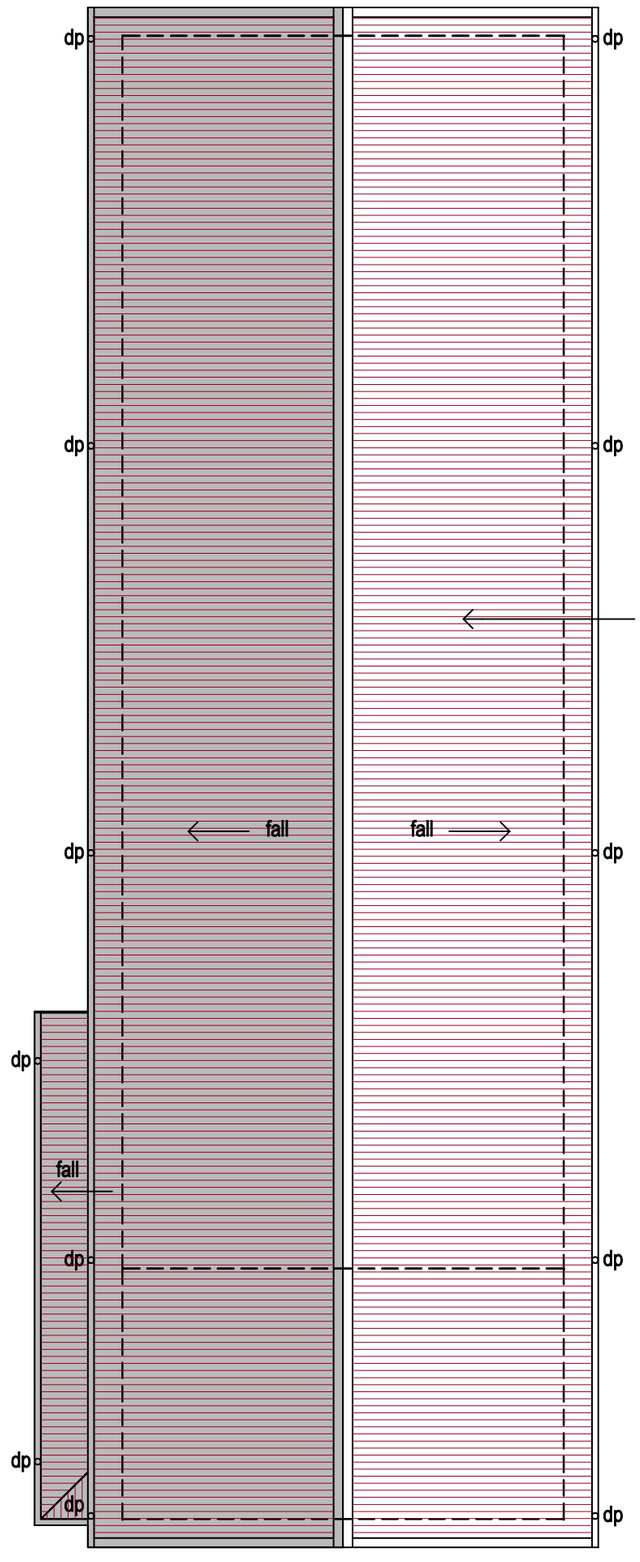
5. TANKS MUST PROVIDE A CONTINUOUS SUPPLY BY:
a) AN AUTOMATIC SWITCHING DEVICE PROVIDING SUPPLEMENTARY WATER FROM THE RETICULATED TOWN SUPPLY, OR;
b) A TRICKLE TOP UP SYSTEM FROM THE RETICULATED TOWN SUPPLY AT A MINIMUM FLOW OF 2L/MINUTE AND A MAXIMUM FLOW RATE OF 4L/MINUTE.
c) A MINIMUM STORAGE VOLUME OF THE RETICULATED TOWN WATER SUPPLY TOP UP NOT EXCEEDING 1000L

6. A BACKFLOW PREVENTION DEVICE IS TO BE CONNECTEDTO THE STORMWATER SYSTEM IN ACCORDANCE WITH LOCAL GOVERMENT REQUIREMENTS.

7. IF ROOFWATER IS PUMPED TO A RAINWATER TANK VIA A SEALED DOWNPIPE:
a) A SYSTEM TO BLEED WATER FROM THE DOWNPIPE INTO THE APPROVED OVERFLOW SYSTEM MUST BE PROVIDED TO PREVENT STAGNANT WATER FROM BEING HELD IN THE DOWNPIPE
b) AN INSPECTION OPENING MUST BE PROVIDED FOR MAINTENANCE AND CLEANING

8. MATERIALS USED IN THE RAINWATER TANKS MUST COMPLY WITH THE ACCEPTABLE SOLUTIONS OF THE QUEENSLAND DEVELOPMENT CODE

ROOF CATCHMENT AREA
= 107m2



ROOF PLAN

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PROJECT	DRAWING TITLE	CLIENT	SCALE	DRAWN	DWG NO.	ISSUE
Proposed new residences at Lots 1 & 2 58 Lynne Grove Avenue, Corinda	Roof Plan Lot 1	Hatzioannou	1:100	pjm	A07	0
		ISSUE DATE: June 08	PROJECT NO.: 08-060			