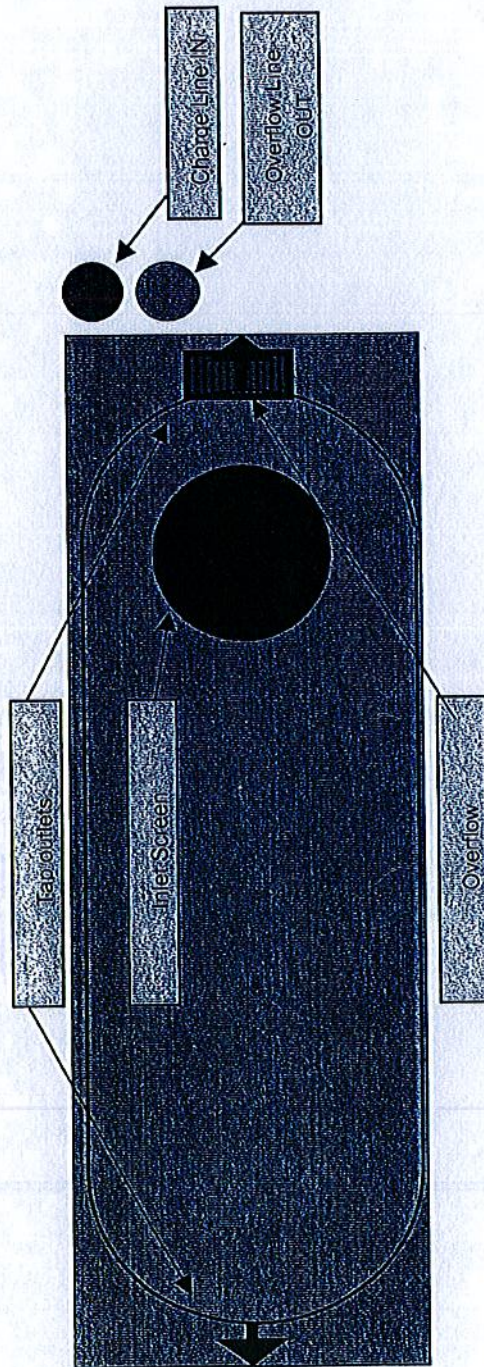
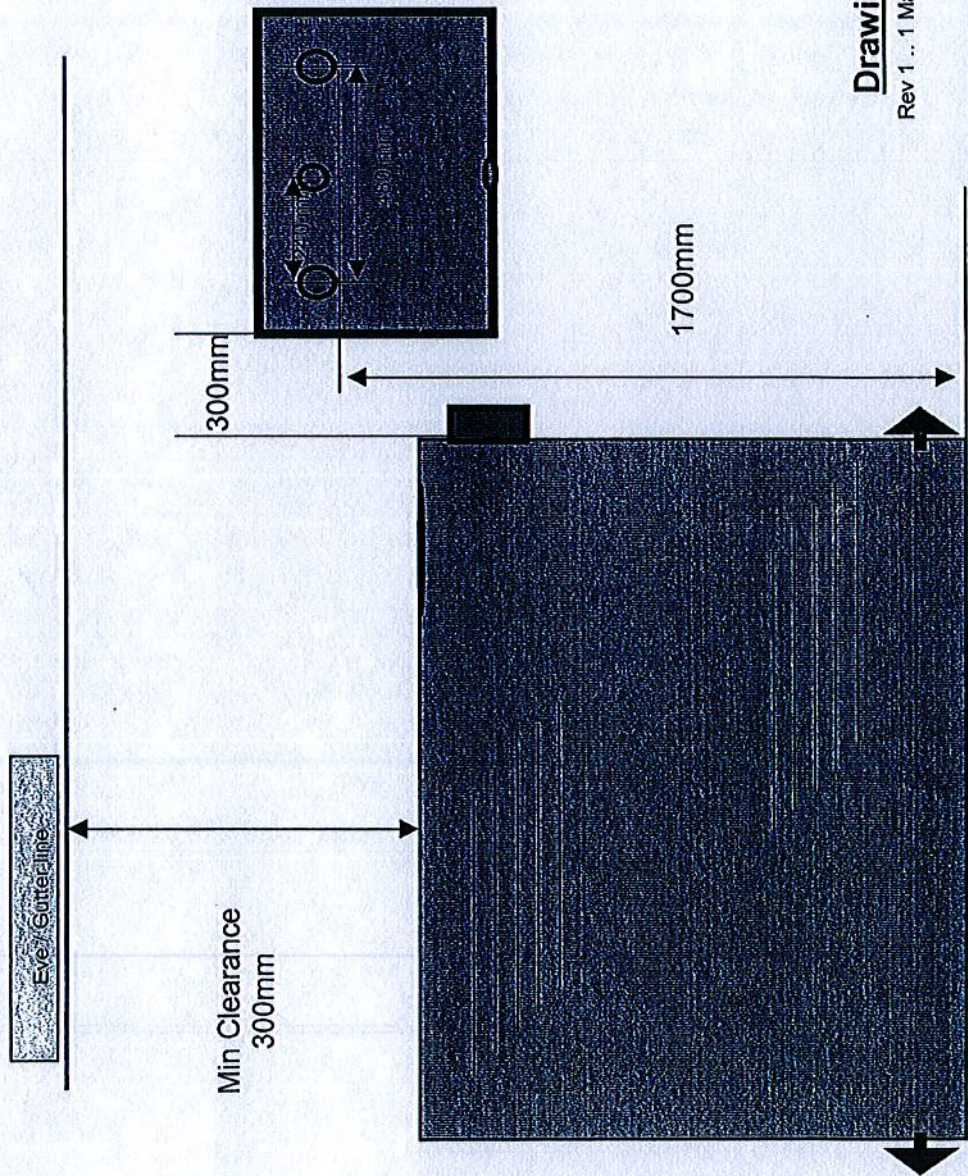


Drawing 1

Rev 1 .. 1 March 2006



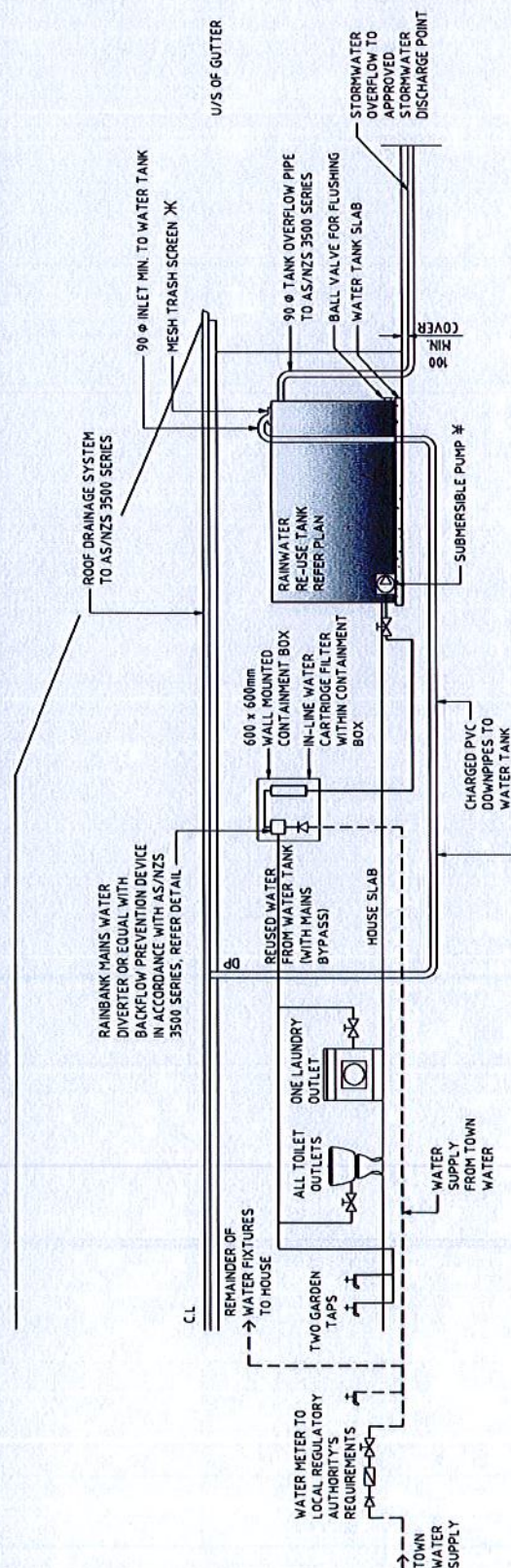
Note: Charge lines & Stormwater overflow should be located together at same end to Services as close to wall as possible & within 200mm of Pad



Drawing 2
Rev 1 .. 1 March 2006

1. RAINWATER SUPPLY PLUMBING TO BE CONNECTED TO OUTLETS AS REQUIRED BY BASIX CERTIFICATE (BY OTHERS)

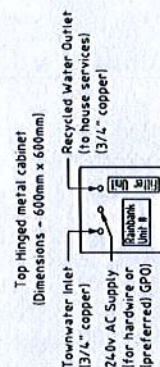
2. TOWN WATER CONNECTION TO RAINWATER TANK WATER.
3. THIS MAY REQUIRE PROVISION OF:
 - 2.1 PERMANENT AIR GAP
 - 2.2 BACKFLOW PREVENTION DEVICE
 - 2.3 NO DIRECT CONNECTION BETWEEN TOWN WATER SUPPLY AND THE RAIN WATER SUPPLY.
4. AN APPROVAL STOP VALVE AND/OR PRESSURE LIMITING VALVE AT THE RAINWATER TANK
5. PROVIDE AT LEAST ONE EXTERNAL HOSE COCK ON THE TOWN WATER SUPPLY FOR FIRE FIGHTING
6. PROVIDE APPROPRIATE FLOAT VALVES AND/OR SOLENOID VALVES TO CONTROL TOWN WATER SUPPLY INLET TO TANK IN ORDER TO ACHIEVE THE TOP-UP INDICATED ON THE TYPICAL DETAIL
7. ALL PLUMBING WORKS ARE TO BE CARRIED OUT BY/LICENCED PLUMBERS IN ACCORDANCE WITH AS/NZS3500 NATIONAL PLUMBING AND DRAINAGE CODE
8. PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY A LICENCED ELECTRICIAN
9. ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANK. SURFACE WATER INLETS ARE NOT TO BE CONNECTED
10. PIPE MATERIALS FOR RAINWATER SUPPLY PLUMBING ARE TO BE APPROVED MATERIALS TO AS/NZS3500 PART 1 SECTION 2 AND TO BE CLEARLY AND PERMANENTLY IDENTIFIED AS 'RAINWATER'. THIS MAY BE ACHIEVED FOR BELOW GROUND PIPES USING IDENTIFICATION TAPE IMAGED IN ACCORDANCE WITH A52648 OR THE ABOVE GROUND PIPES BY USING ADHESIVE PIPE MARKERS MADE IN ACCORDANCE WITH AS13451
11. EVERY RAINWATER SUPPLY OUTLET POINT AND THE RAINWATER TANK ARE TO BE LABELLED 'RAINWATER' ON THE METALLIC SIGN IN ACCORDANCE WITH AS1359
12. ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO PREVENT MOSQUITO AND VERMIN ENTRY



RAINWATER SYSTEM TO BE FULLY ENCLOSED AND SHALL COLLECT ROOF WATER ONLY. NO ADDITIONAL PITS FOR COLLECTION OF SURFACE WATER WILL BE PERMITTED

ABOVE GROUND RAINWATER RE-USE TANK SCHEMATIC LAYOUT

SYDNEY WATER REGION



External Pump Cabinet House Connection Points

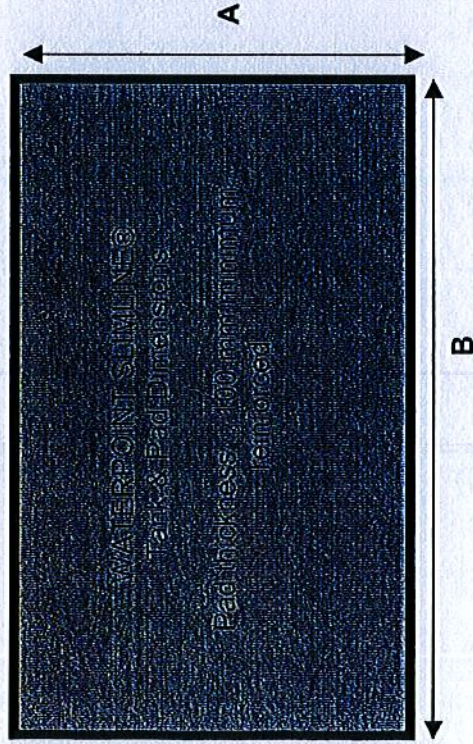
Mains Water Divterter - rainbank or approval equal

TYPICAL DETAIL - RAINWATER RE-USE
CONTROL SERVICES CABINET

<u>LEGEND</u>	
Ø DIAMETER	Δ NON RETURN VALVE
FSL FINISHED SURFACE LEVEL	⊗ STOP TAP (ISOLATION VALVE)
NSL NATURAL SURFACE LEVEL	== STORMWATER DRAINAGE PIPEWORK
PUMP	≠ STORMWATER DRAINAGE PIPEWORK
--- POTABLE PIPEWORK	✕ INSPECTION OPENING MUST BE LOCKABLE BETWEEN 150-400mm.
— RAINWATER PIPEWORK	IF WATER TIGHT CAN BE FLUSH WITH FSL IF NOT WATER TIGHT MIN. 150mm ABOVE FSL



ANNEX 2 TANK AND PAD DIMENSIONS 1 EXCLUDES PAD FOR PUMP BASE



Tank Size (Litres)	AS3500 Volume	Length (mm)	Width (mm)	Height (mm)	100mm Pad (mm)	150mm Pad (mm)
950	850	1200	580	1540	650	1300
1200	1040	1800	580	1240	650	1900
1500	1330	1800	580	1540	650	1900
2000	1800	2400	580	1540	650	2500
2400	2100	2800	580	1540	650	2900
1350	1200	1200	880	1540	650	1900
2150	1940	1800	880	1540	650	1900
2400	2050	2400	880	1240	650	2500
3000	2650	2400	880	1540	650	2500
3500	3150	2800	880	1540	650	2900
2800	2500	1800	1180	1540	1250	1900
4000	3450	2400	1180	1540	1250	2500
4600	4100	2800	1180	1540	1250	2500
5500	5000	2800	1180	1850	1250	2900