

QUAD 100Dia. Overflow pipes to Pit P1. Outlet to be mosquito proofed. All exposed pipework to be painted to withstand external elements.(Location shown generic only)

Max. Overflow
RL.119.27m

ORIFICE
IL.118.12

IL.116.60

3x 3620L SQUARE TANKS
(1300W X 2250H)

PAD RL.117.02

5280L for Basix and EFFECTIVE 4850L for OSD
USE 3 x 3620L Dual Rainwater tank/s, to
manufacturer's and Sydney Water's specifications.

Mosquito proof strainer
or cover – regular
cleaning/maintenance
by owner essential

Internal submersible
or external pumps
to supply garden
taps and internal
re-use per Basix
assessment.
Location as per
architecturals.

Leaf Gutter Guard or
Downpipe Guard
recommended.

1000
MIN

Charged pipes
shown

INLET LEVEL
OF CHARGED
LINES TO BE
A MINIMUM OF
1400mm
BELOW ALL
CONNECTED
GUTTERS.

First flush water
diverter at tank
as req'd by
L.G.A. F/F

I.O. – Cleaning
eye to all
charged
pipelines for
maintenance of
charged system.

RAINWATER TANK

TANK DETAILS SHOWN ARE A SUGGESTED CONFIGURATION ONLY. ANY MODIFICATIONS TO TANK VOLUME OR INLET AND OUTLET LEVELS MUST BE APPROVED BY ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION. TANK SHAPE, & DEVICES SHOWN ARE DIAGRAMMATIC ONLY. MINIMUM OF 450 CLEARANCE (UNLESS L.G.A. REQUIRES LARGER SETBACK) TO SIDE BOUNDARIES MUST BE MAINTAINED. CLIENT IS RESPONSIBLE TO ENSURE COMPLIANCE WITH THIS IN THE INSTALLED STATE.

Charged stormwater lines from Roof Areas ONLY to rainwater tank.

All joints to be solvent welded. All exposed pipework to be painted to withstand external elements.

First flush water diverter at tank to comply with Sydney Water and council DCP's. An approved switch system similar to 'Rainbank' to be used via mains. Pumps to manuf. specs.

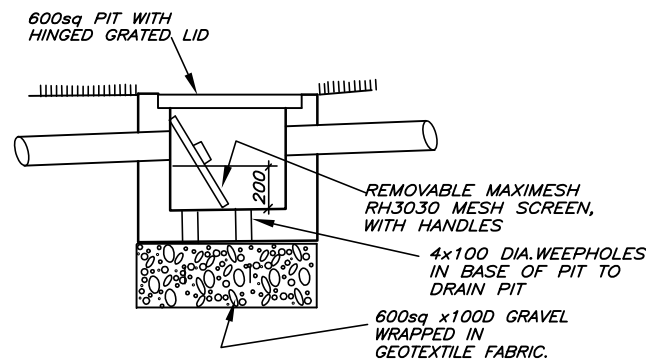
Rain Tank to be installed and maintained to manufacturers specifications and to comply with all Sydney Water Guidelines.

Client to be responsible for maintenance system of charged pipelines. Debris accumulation significantly affects systems performance. Maintenance program essential.

Structural details for tank base by manufacturer or others.

WHSA HAZARD IDENTIFICATION:

INSTALLATION OF RAINTANKS: PLUMBER/SITE SUPERVISOR TO ASSESS ACCESS SUITABILITY PRIOR OR POST SLAB CONSTRUCTION. INSTALLATION OF TANKS TO BE CARRIED OUT FOLLOWING SWMS OF TANK SUPPLIER AND PLUMBER. APPROPRIATE GLOVES TO BE WORN AT ALL TIMES WHILE HANDLING TANKS.



SILT ARRESTOR PIT – P1

WHSA
ALL NEARBY SERVICES TO BE LOCATED PRIOR EXCAVATIONS.
ALL PIPES TO BE CUT FLUSH WITH PIT WALLS AND SPARGED.
PITS EXCEEDING 600mm IN DEPTH TO HAVE LOCK DOWN MECHANISM.
SAFETY GEAR TO BE WORN AT ALL TIMES. INCLUDING FOOTWEAR, CLOTHING
AND GLOVES AS PER SWMS.

NOTE: OVERFLOW + ORIFICE CAN
BE LOCATED ON EITHER TANK

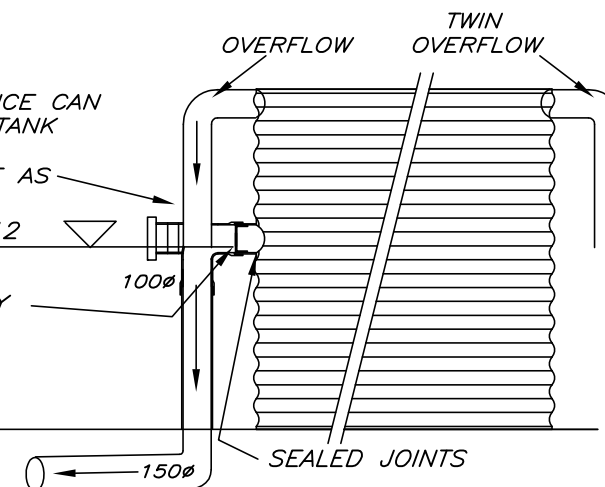
CLEANING EYE AS CLOSE AS
POSSIBLE TO ORIFICE

IL.118.12

TO ACHIEVE
5280L FOR
BASIX

61 DIA. ORIFICE SHARPLY
DRILLED THROUGH SOLID
M+F CAP FITTING OR
FABRICATED GAL. PLATE

OSD OUTLET DETAIL



THIS IS AN
**ON-SITE STORMWATER
DETENTION SYSTEM**
REQUIRED BY YOUR LOCAL COUNCIL

IT IS AN OFFENSE TO REDUCE THE
VOLUME OR TO INTERFERE WITH THE
ORIFICE PLATE THAT CONTROLS THE
OUTFLOW

THE BASE OF THE OUTLET CONTROL
PIT AND DEBRIS SCREEN MUST BE
CLEANED OF DEBRIS AND SEDIMENT
ON A REGULAR BASIS BY THE OWNER.

THIS PLATE MUST NOT BE REMOVED

Signage to be provided
adjacent tanks Size: 110 mm
x 80mm

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BUILDER/CLIENT TO ENSURE THAT ALL SAFETY MEASURES ARE TAKEN
DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, SAFETY
FENCING, SIGNAGE, OBTAINING STRUCTURAL AND GEOTECHNICAL
ADVICE WHERE EXCAVATIONS ARE NEAR STRUCTURES OR SERVICES,
SAFETY MEASURES RECOMMENDED BY PRODUCT SUPPLIERS ETC.

REVISIONS	
B	Arch. driveway co-ordination
A	Arch. and flood report co-ordination

ISSUE	PRINTS	ISSUED TO	DATE
1	EMAIL	BUILDER/CLIENT	14-8-19
2	EMAIL	BUILDER/CLIENT	23-1-20
3	EMAIL	BUILDER/CLIENT	15-4-20

SCALE(A3) 1:200, 100 u.n.o.
SCALE BAR – 1m INTERVALS
DATE JUNE 2019
DRAWN M.I.
DESIGNED M.I.
APPROVED



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PROJECT
**PROPOSED RESIDENCE
AT 602 WARRINGAH ROAD
FORESTVILLE
FOR CLARENDON HOMES**

THIS DRAWING
**STORMWATER
DETAILS SH.1**
BUILDER
CLARENDON HOMES

JOB NUMBER
C9075-00312

SHEET No.
2 of 2

REVISION
B