

ISSUE	PRINTS	ISSUED TO	DATE
1	EMAIL	BUILDER/CLIENT	21-3-25

SCALE (A3) 1:200, 100 u.n.o.
SCALE BAR - 1m INTERVALS

DATE FEB. 2025

DRAWN M.I.

DESIGNED M.I.

APPROVED



IBRAHIM STORMWATER CONSULTANTS
CONSULTING CIVIL ENGINEERS

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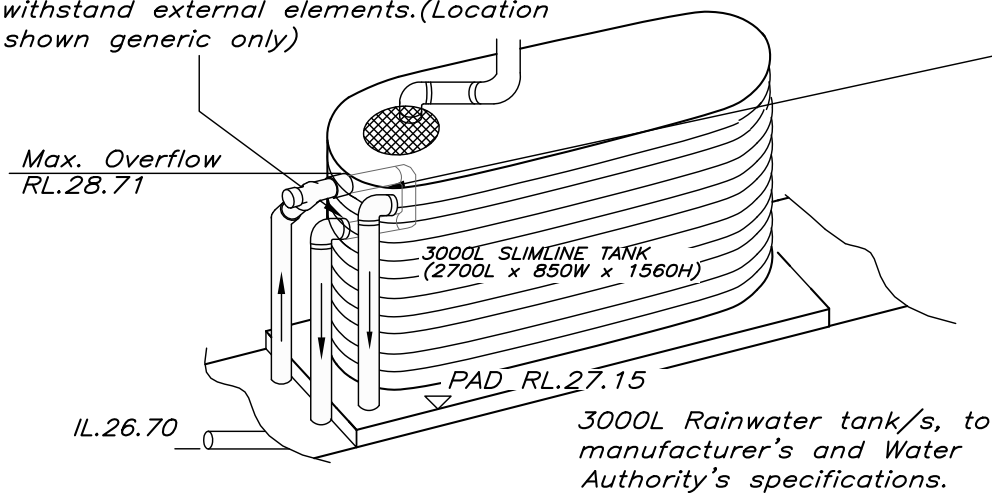
PROJECT
**PROPOSED RESIDENCE
AT 11 PIVETTA STREET
REVESBY
FOR MR. & MRS. CHIEM**

THIS DRAWING JOB NUMBER
**STORMWATER
LAYOUT SH.1 C12032-17539**

BUILDER SHEET No. REVISION
CLARENDON HOMES **1 of 2**

Twin 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.28.71



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.

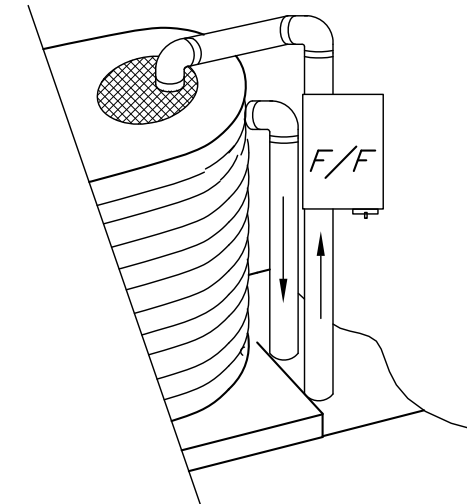
550
MIN

Charged pipes
shown

INLET LEVEL
OF CHARGED
LINES TO BE
A MINIMUM AS
SHOWN
BELOW ALL
CONNECTED
GUTTERS.

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

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



TYPICAL ALTERNATIVE
INLET SYSTEM SHOWN
DIAGRAMMATICALLY ONLY

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 Water Authority and council DCP's. An approved switch system similar to 'Rainbank' to be used via mains. Pumps to manuf. specs.

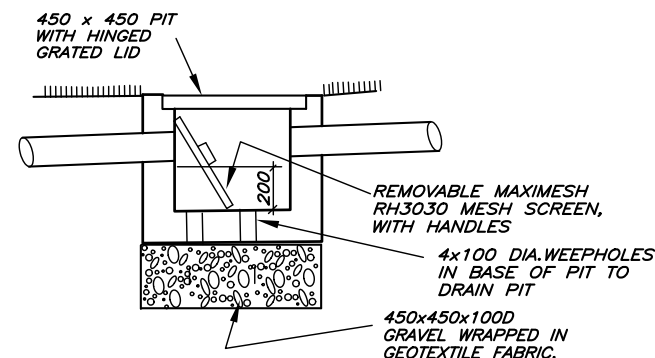
Rain Tank to be installed and maintained to manufacturers specifications and to comply with all Water Authority Guidelines.

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 RAIN TANKS: 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.

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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.

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