

STORMWATER MANAGEMENT PLAN

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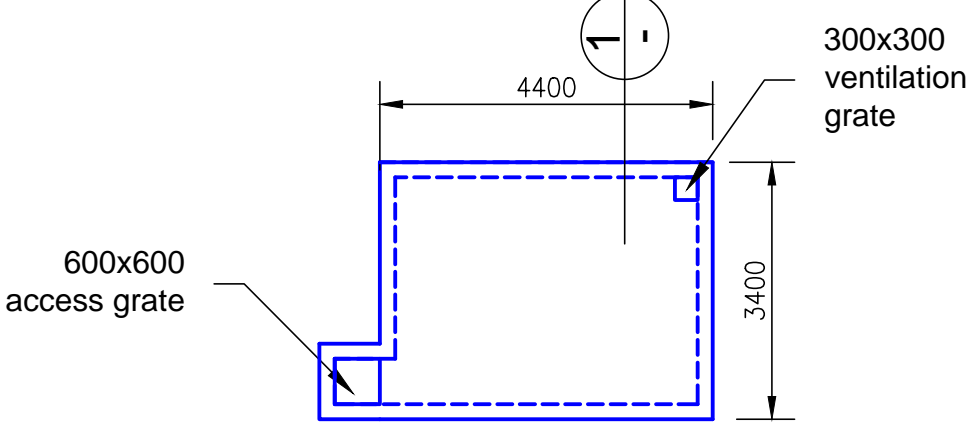
All new roof area runoff is to be directed to the 9000l **OSD** Tank .

The OSD system has been designed/modelled in accordance with Section B5.7 of Pittwater 21DCP 'Independently derived OSD assessment' for a 310m2 increase in impervious area. Max discharge to Trentwood Park kerb and gutter to be 9l/s (via drive trunk drainage system)

Variations (ie tank dimensions etc) to layout to be reviewed and approved by Barrenjoey Consulting Engineers before construction.

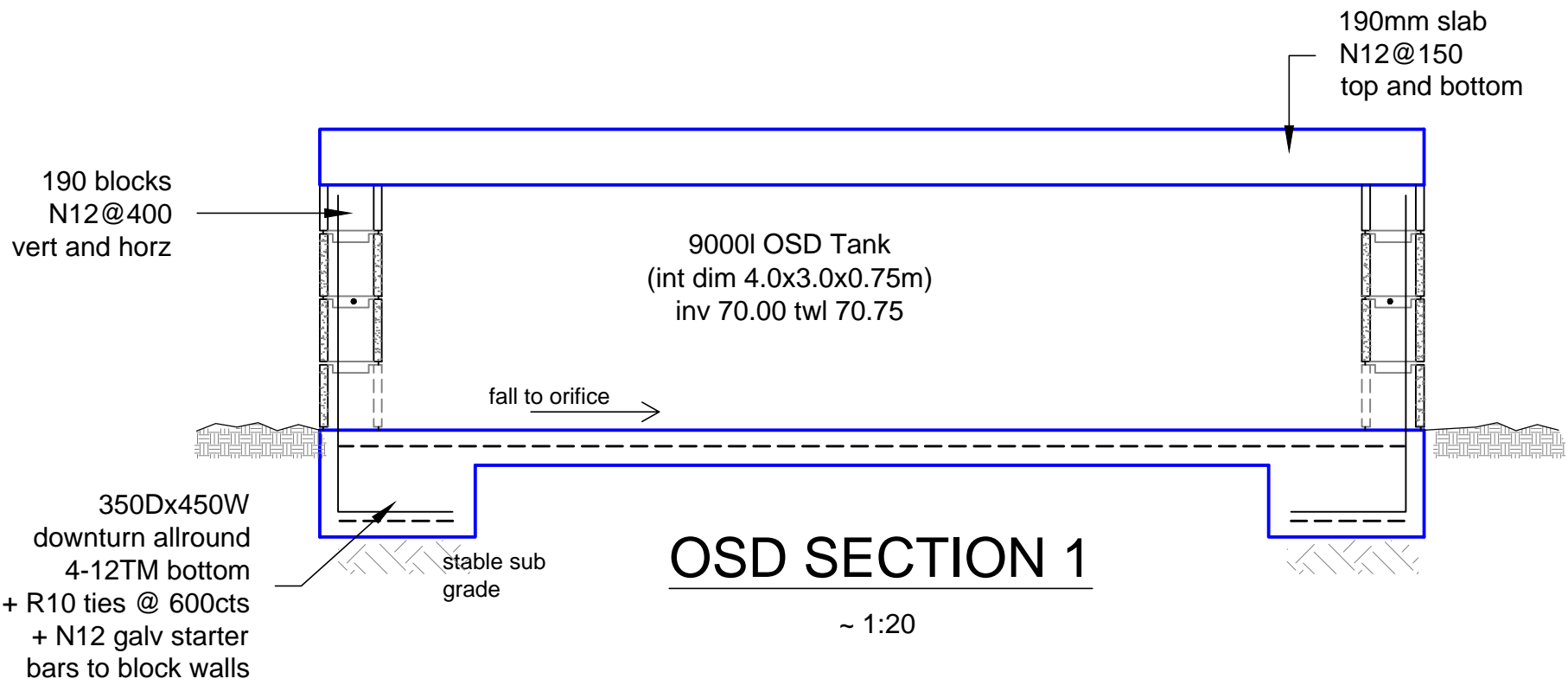
OSD TANK BASE

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130mm Slab SL102 Top
350x450 downturn allround



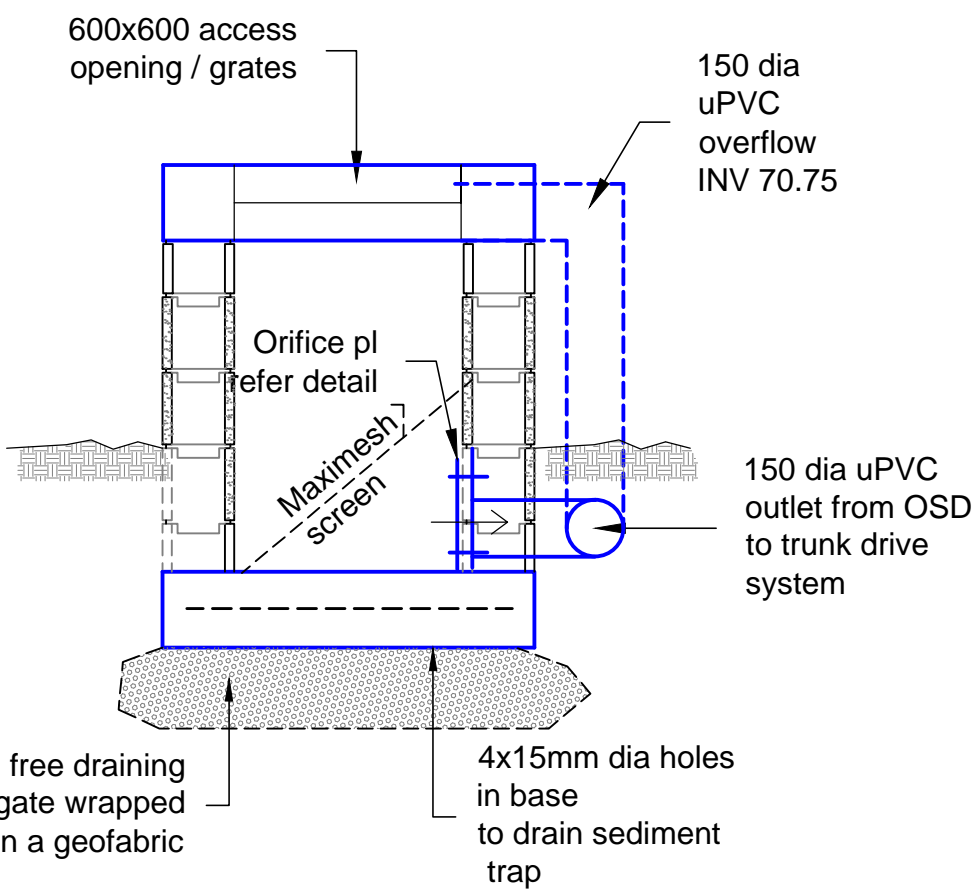
OSD TANK LID

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190mm Slab
N12@150 Top and Bottom each way



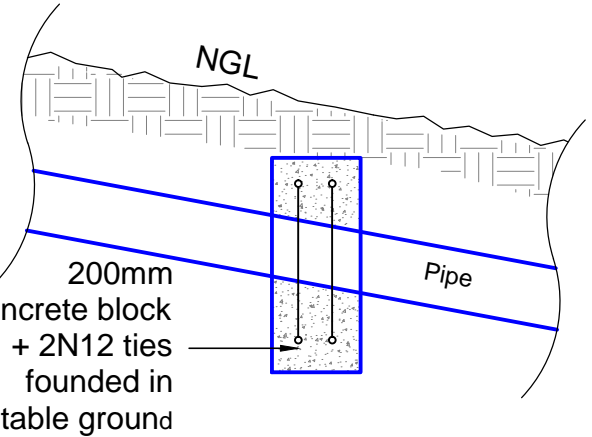
OSD SECTION 1

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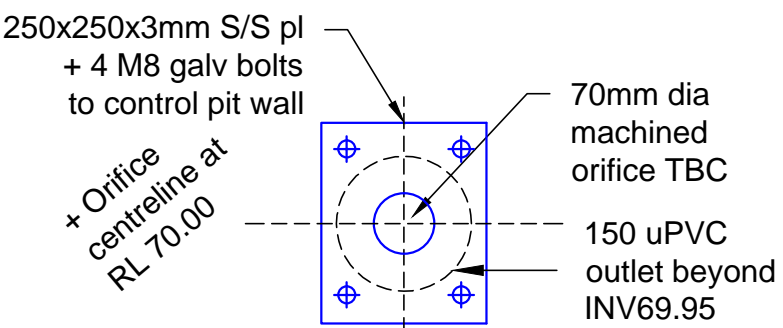
OSD CONTROL SECTION

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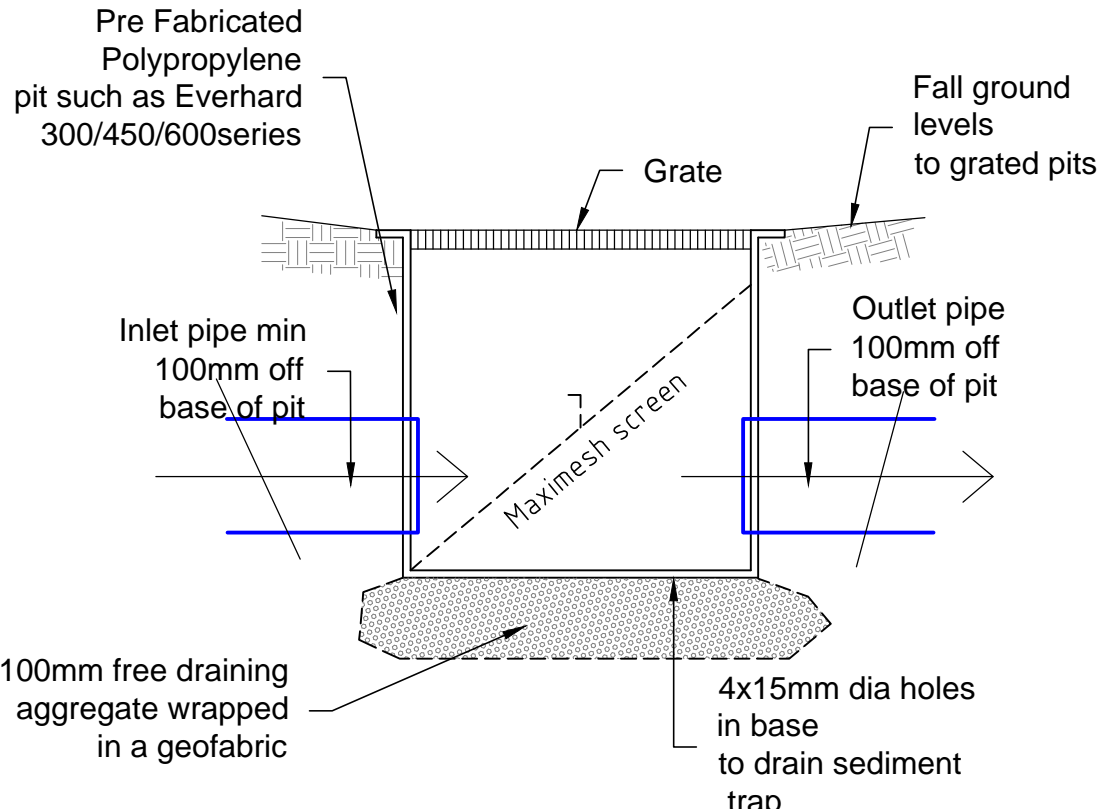
ANCHOR BLOCK DETAIL

TO BE INSTALLED AT 6m CTS
IF PIPE SLOPE > 1V TO 5H



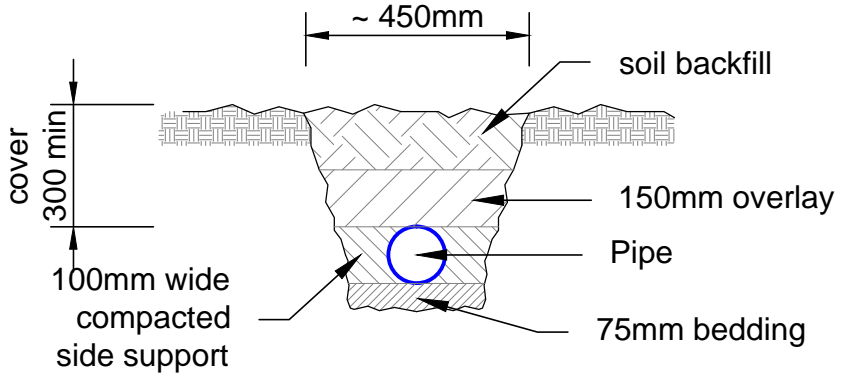
ORIFICE PLATE DETAIL

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TYPICAL PIT DETAIL

NTS



TYPICAL uPVC PIPE & TRENCH DETAIL

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Bedding / overlay to be -

a) sand, free from rock, hard or sharp objects

b) max 14mm crushed rock or gravel

c) the excavated material free of rock, hard or sharp objects and broken up with no soil lumps > 75mm dia

ISSUE:		
Prelim	19 12 2017	Issued for comment
Prelim A	21 02 2018	Revised architectural and issued for comment
CC	11 04 2018	issued for construction certificate submission
DAPrelim	19 12 2018	issued for comment re DA submission
DA	05 02 2019	issued for DA submission

Barrenjoey Consulting Engineers pty ltd

Stormwater Structural Civil

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PROJECT:

**PROPOSED
NEW RESIDENCE
LOT 3 No 7 TRENTWOOD PARK
AVALON BEACH
for ~ M & J DARGAVILLE**

DRAWING :

**LOT 3
STORMWATER
MANAGEMENT
PLAN**

Job No :
171001L3

Drawing No
SW1_{DA}

Document Certification
Barrenjoey Consulting Engineers pty ltd
per
Lucas Molloy MBEA CPEng NER Director