

19 March 2021

General Manager
Northern Beaches Council
PO Box 882
MONA VALE NSW 1660

Dear Sir/Madam

Re: Stormwater Management Plan – 168 Whale Beach Road, Whale Beach

With reference to the Development Application for the above property, please find a copy of the site Stormwater Management Plans Sheet-1/A and Sheet-2/A for your perusal.

The plans show the proposed hard and landscaped areas being drained to the existing roadway at the front of the site. Note that it is proposed to provide a 13,500 litre split on-site retention/detention tank to ensure peak stormwater discharges are in accordance with Council policy.

Note also that it is proposed to provide rainwater storage tanks for non-potable, domestic re-use.

The DRAINS hydraulic modelling files and details of the proposed water treatment device are also attached for your perusal.

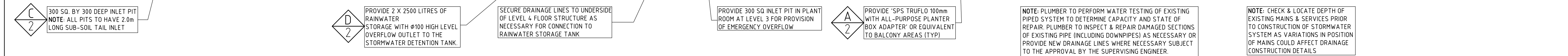
This is to certify that the Stormwater Management Plan layout as shown on Plan Sheet-1/A and Sheet-2/A by Taylor Consulting Civil & Structural Engineers has been designed in accordance with section 3.1.2, 'Drainage', of the Building Code of Australia Housing Provision, AS/NZS 3500.3.2 – Stormwater Drainage and Northern Beaches Council's D.C.P. 21.

Should you require any further information please contact the undersigned.

Yours faithfully
TAYLOR CONSULTING

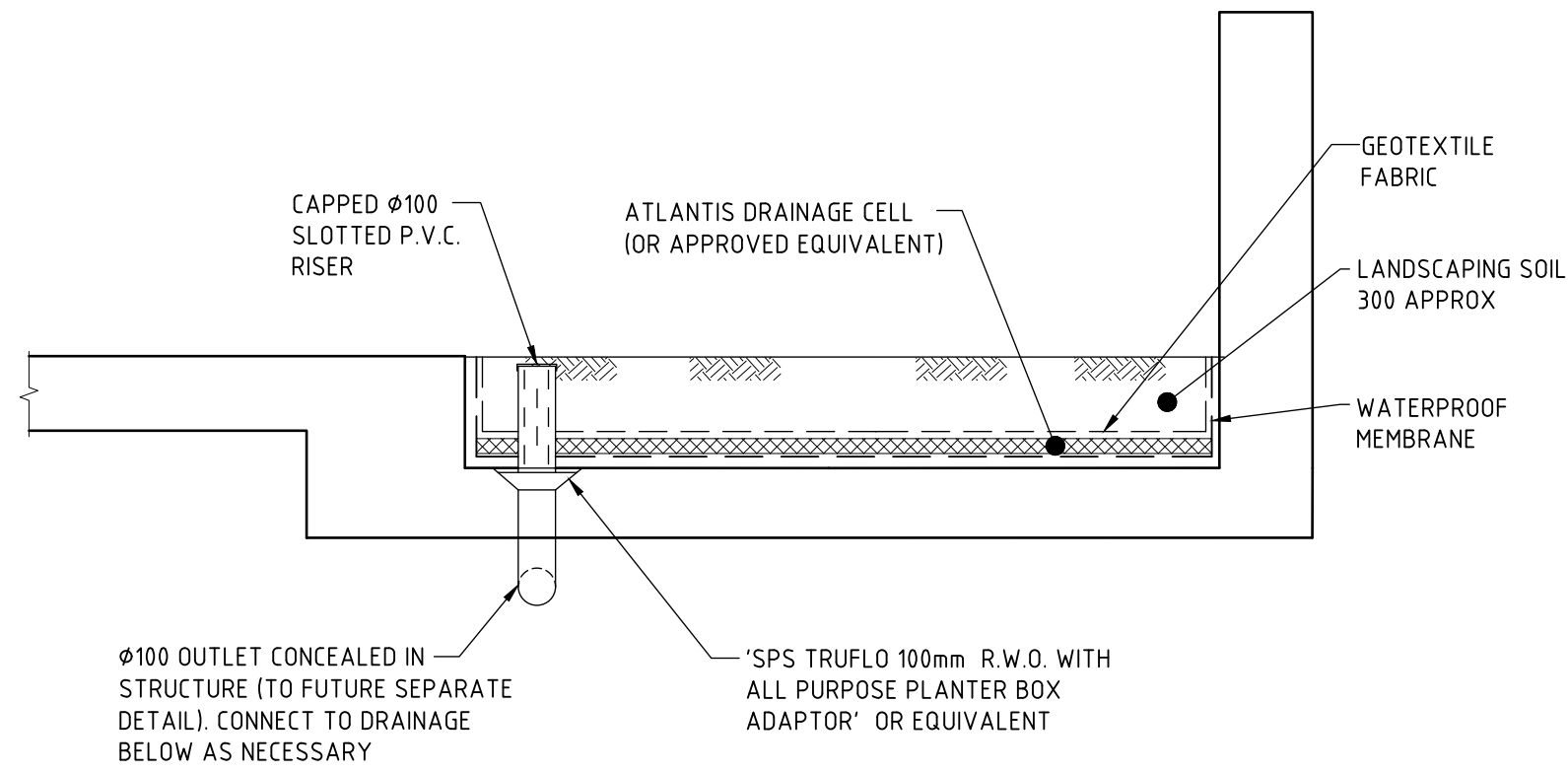
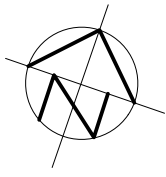
D M SCHAEFER - Director
B.E. Civil – Hons. M.I.E. Aust.



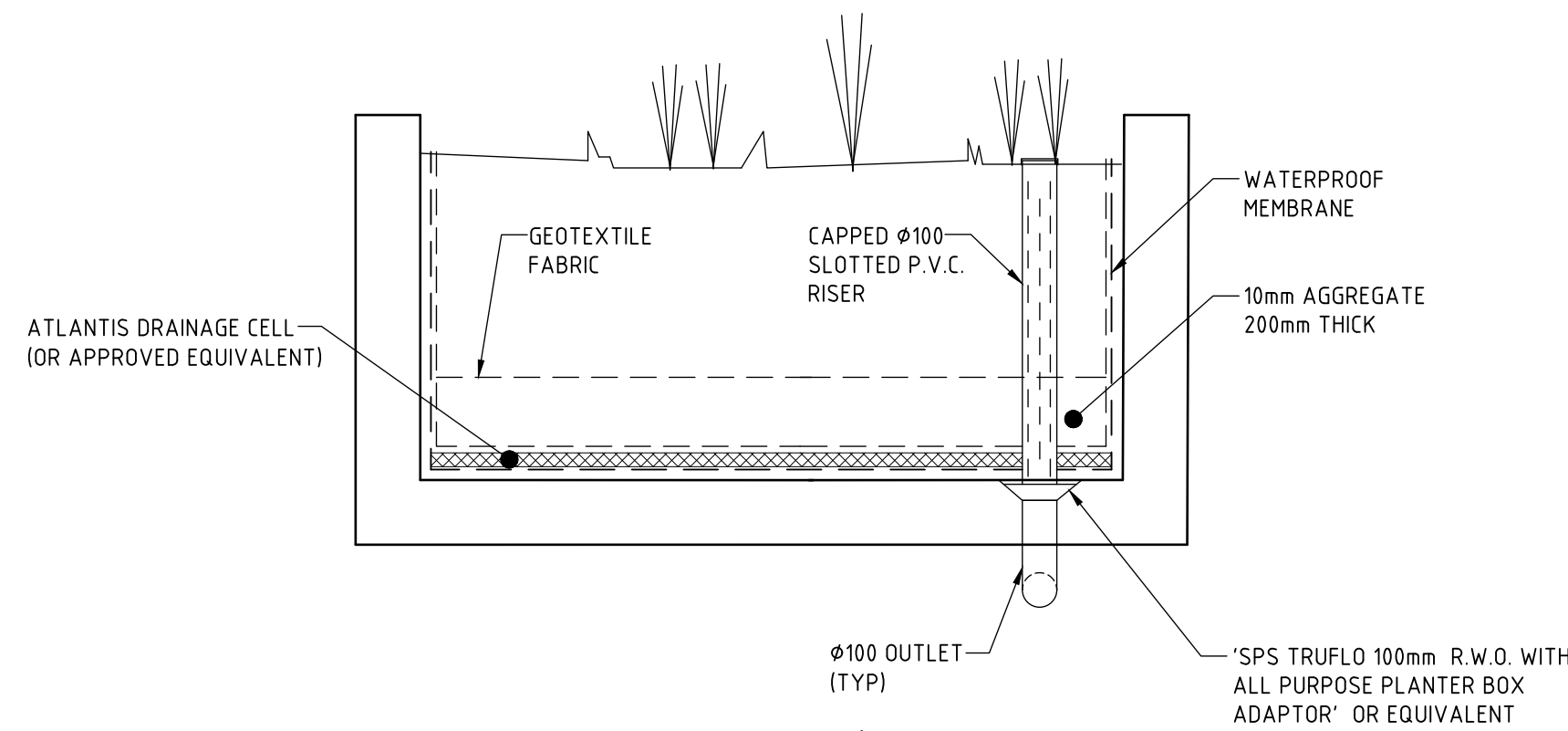


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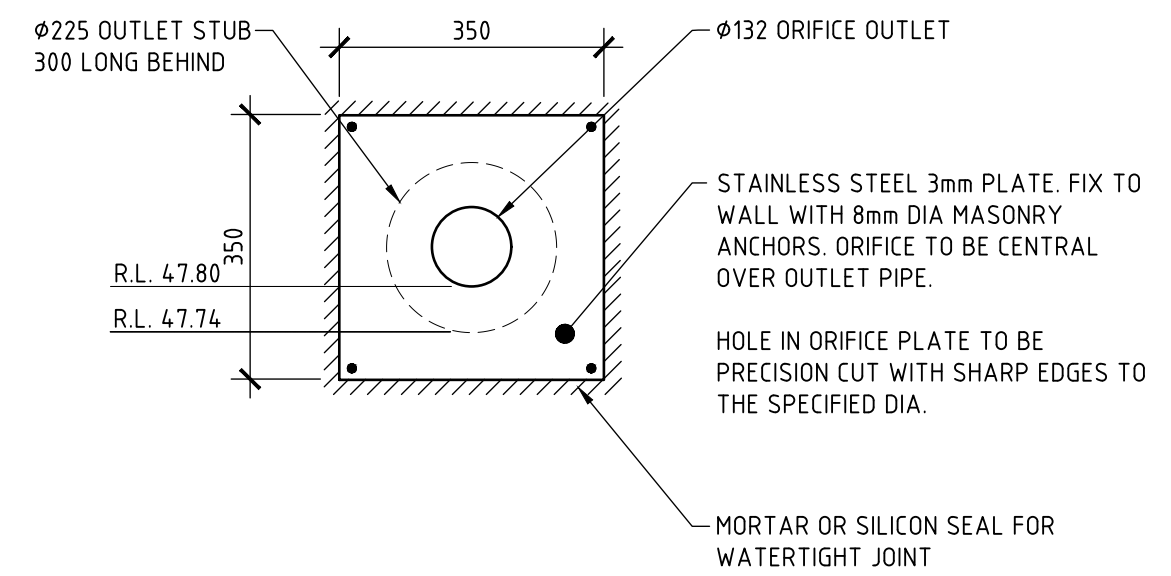
Seascope Suite 7 22-26 Fisher Rd Dee Why NSW 2099 : T 02 9982 7092 : F 02 9982 5888 : enquire@taylorconsulting.net.au : www.taylorconsulting.net.au



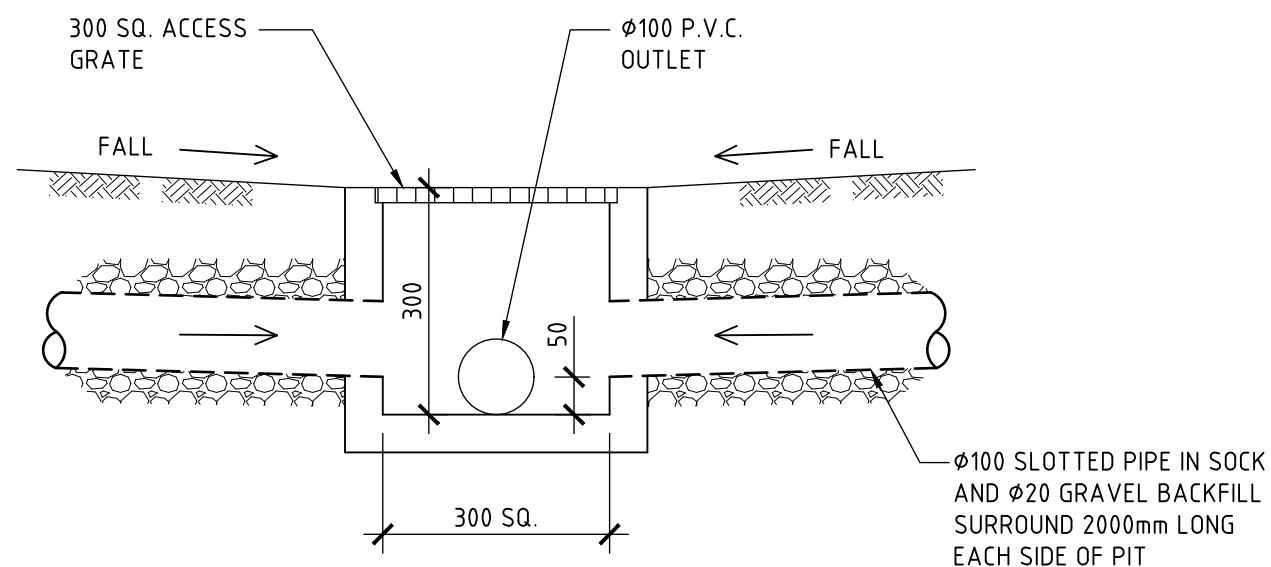
DETAIL A
SCALE 1:20
SHOWING TYPICAL PLANTER BOX DETAIL



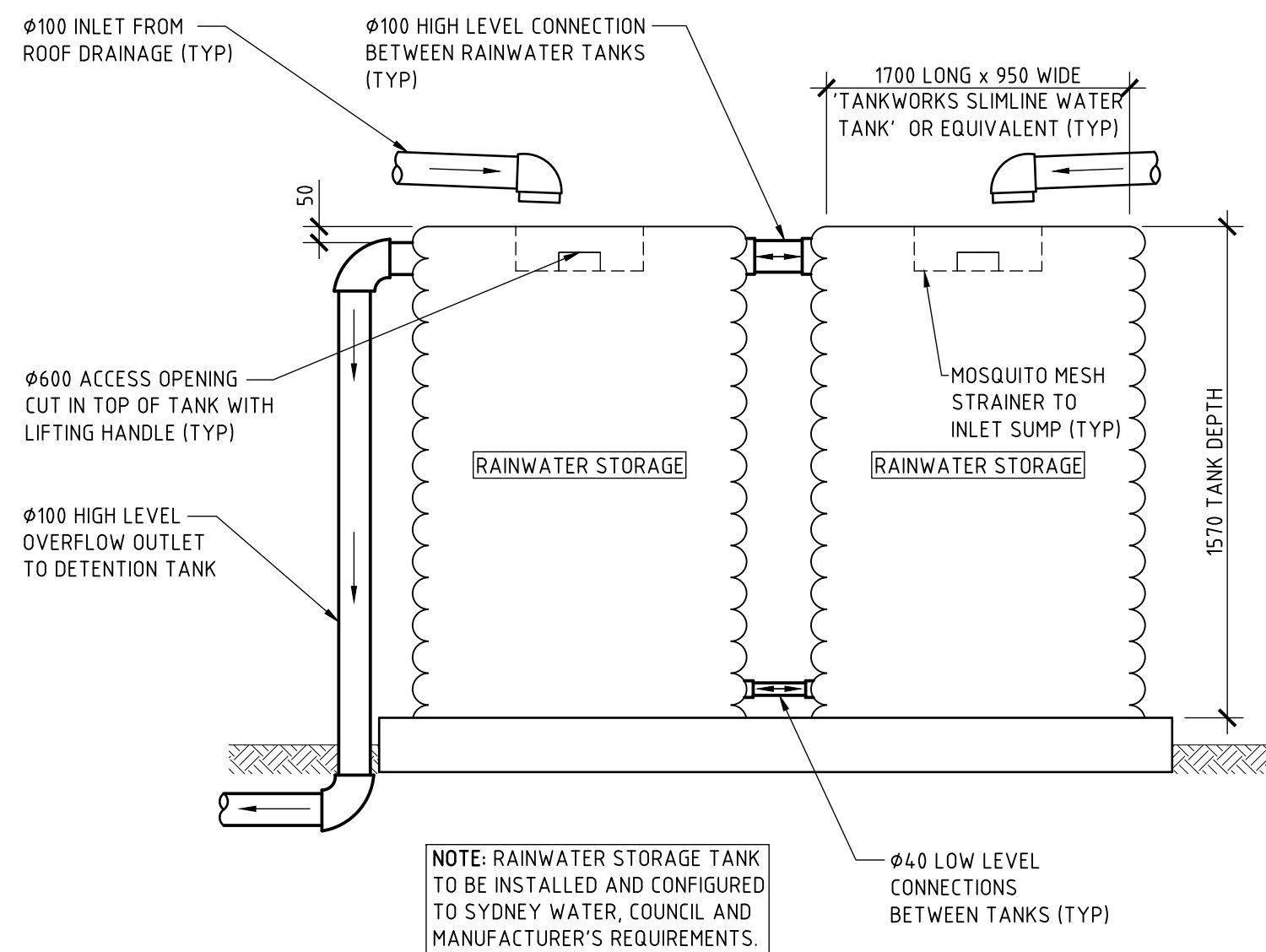
DETAIL A
SCALE 1:20
SHOWING TYPICAL PLANTER BOX DETAIL



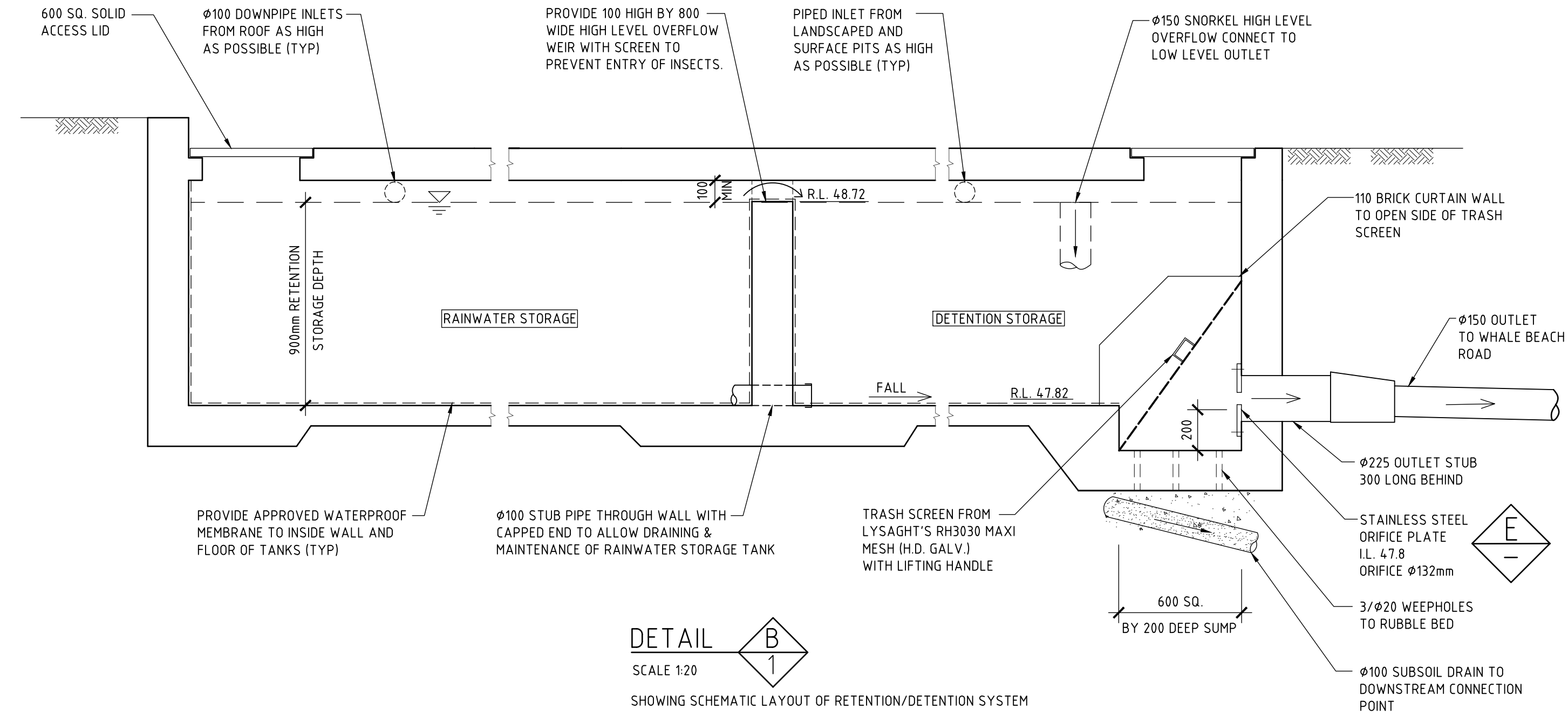
DETAIL E
SCALE 1:10
ORIFICE PLATE DETAIL



DETAIL C
SCALE 1:10
TYPICAL SURFACE INLET PIT DETAIL



DETAIL D
SCALE 1:20
SHOWING RAINWATER TANK CONFIGURATION FOR TANKS LOCATED IN PLANT ROOM LOCATED ON LEVEL 3
NOTE: PLANT ROOM CONTAINING TANKS ALSO TO BE PROVIDED WITH A 300 SQ INLET PIT FOR PROVISION OF BLOCKAGE EMERGENCY OVERFLOW.



DETAIL B
SCALE 1:20
SHOWING SCHEMATIC LAYOUT OF RETENTION/DETENTION SYSTEM

ISSUE	DATE	REVISION

TITLE STORMWATER MANAGEMENT DETAILS 168 WHALE BEACH ROAD, WHALE BEACH			
DRAWN RDCB	DATE 19 MARCH 2021	CHECKED 	SCALE 1:20 1:10
BE Civil (Hons) MIE Aust.			

TAYLOR

CONSULTING

CIVIL & STRUCTURAL ENGINEERS

DRIVING INNOVATION
SHEET - 2/A