

NORTHERN SYDNEY Seascape Suite 7 22-27 Fisher Rd Dee Why NSW 2099 BLUE MOUNTAINS Shop 1 274 Macquarie Rd Springwood NSW 2777 CONSULTING ENGINEERS
Civil
Structural
Stormwater & Flood

6 MAY 2024

General Manager Northern Beaches Council 725 Pittwater Road DEE WHY NSW 2099

Address of the Project: **32 Tipperary Ave, Killarney Heights**

Description of Project: Stormwater Management Plan - Alteration & Additions

With reference to the Development Application for the above property, please find attached a copy of the site Stormwater Management Plans, STORM-1 & STORM-2, for your perusal.

The plan shows collected flows from the proposed roofed areas being discharged to the kerb and gutter at Tipperary Avenue frontage.

Due to the site's low-level nature, a proportion of the impervious area and landscaping are proposed to drain to an above-ground detention basin located at the rear of the property. The basin has a total capacity of 12,380 litres, and discharges collected flows to a level spreader situated towards the rear boundary.

This is to certify that the Stormwater Management Plan layout, as shown on Plans STORM-1 & STORM-2 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 Water Management for Development Policy - Version 1 - 26 August 2020.

Should you require any further information, please contact the undersigned.

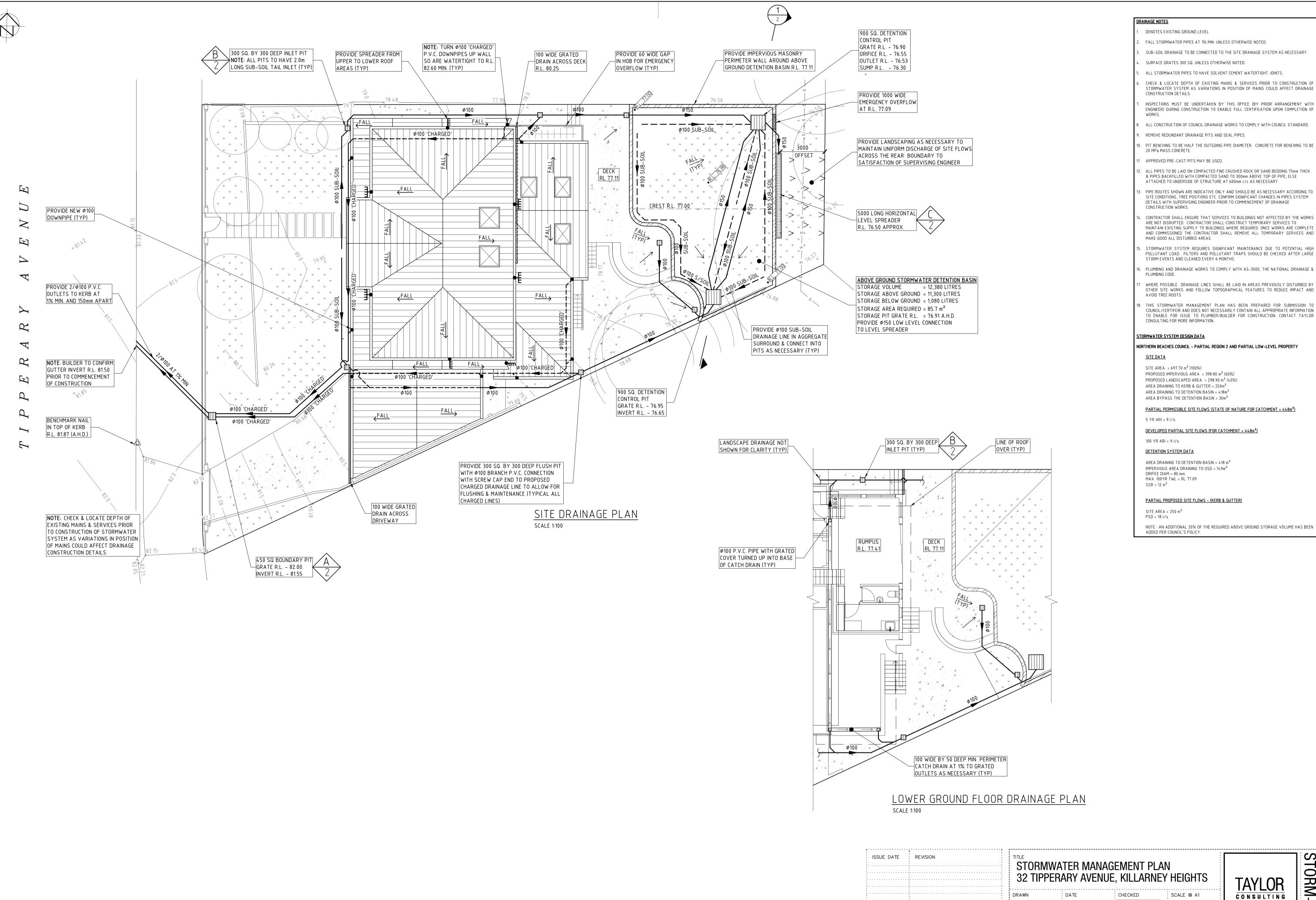
Yours faithfully TAYLORCONSULTING.NET.AU

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D.M.Schaefer - Director B.E Civil (Hons) M.I.E. Aust. N.E.R.



TAYLOR Page 1 of 1



SUB-SOIL DRAINAGE TO BE CONNECTED TO THE SITE DRAINAGE SYSTEM AS NECESSARY.

ALL STORMWATER PIPES TO HAVE SOLVENT CEMENT WATERTIGHT JOINTS.

CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF

PIT BENCHING TO BE HALF THE OUTGOING PIPE DIAMETER. CONCRETE FOR BENCHING TO BE

& PIPES BACKFILLED WITH COMPACTED SAND TO 300mm ABOVE TOP OF PIPE, ELSE

PIPE ROUTES SHOWN ARE INDICATIVE ONLY AND SHOULD BE AS NECESSARY ACCORDING TO SITE CONDITIONS, TREE POSITIONS ETC. CONFIRM SIGNIFICANT CHANGES IN PIPES SYSTEM DETAILS WITH SUPERVISING ENGINEER PRIOR TO COMMENCEMENT OF DRAINAGE

CONTRACTOR SHALL ENSURE THAT SERVICES TO BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS WHERE REQUIRED. ONCE WORKS ARE COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SERVICES AND

STORMWATER SYSTEM REQUIRES SIGNIFICANT MAINTENANCE DUE TO POTENTIAL HIGH POLLUTANT LOAD. FILTERS AND POLLUTANT TRAPS SHOULD BE CHECKED AFTER LARGE

PLUMBING AND DRAINAGE WORKS TO COMPLY WITH AS-3500, THE NATIONAL DRAINAGE &

WHERE POSSIBLE DRAINAGE LINES SHALL BE LAID IN AREAS PREVIOUSLY DISTURBED BY OTHER SITE WORKS AND FOLLOW TOPOGRAPHICAL FEATURES TO REDUCE IMPACT AND

THIS STORMWATER MANAGEMENT PLAN HAS BEEN PREPARED FOR SUBMISSION TO COUNCIL/CERTIFEIR AND DOES NOT NECESSARILY CONTAIN ALL APPROPRIATE INFORMATION TO ENABLE FOR ISSUE TO PLUMBER/BUILDER FOR CONSTRUCTION. CONTACT TAYLOR

NOTE : AN ADDITIONAL 20% OF THE REQUIRED ABOVE GROUND STORAGE VOLUME HAS BEEN ADDED PER COUNCIL'S POLICY.

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ENGINEER

6 MAY 2024

STORM-

CIVIL & STRUCTURAL ENGINEERS

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"Seascape" Suite 7 22-26 Fisher Rd Dee Why NSW 2099

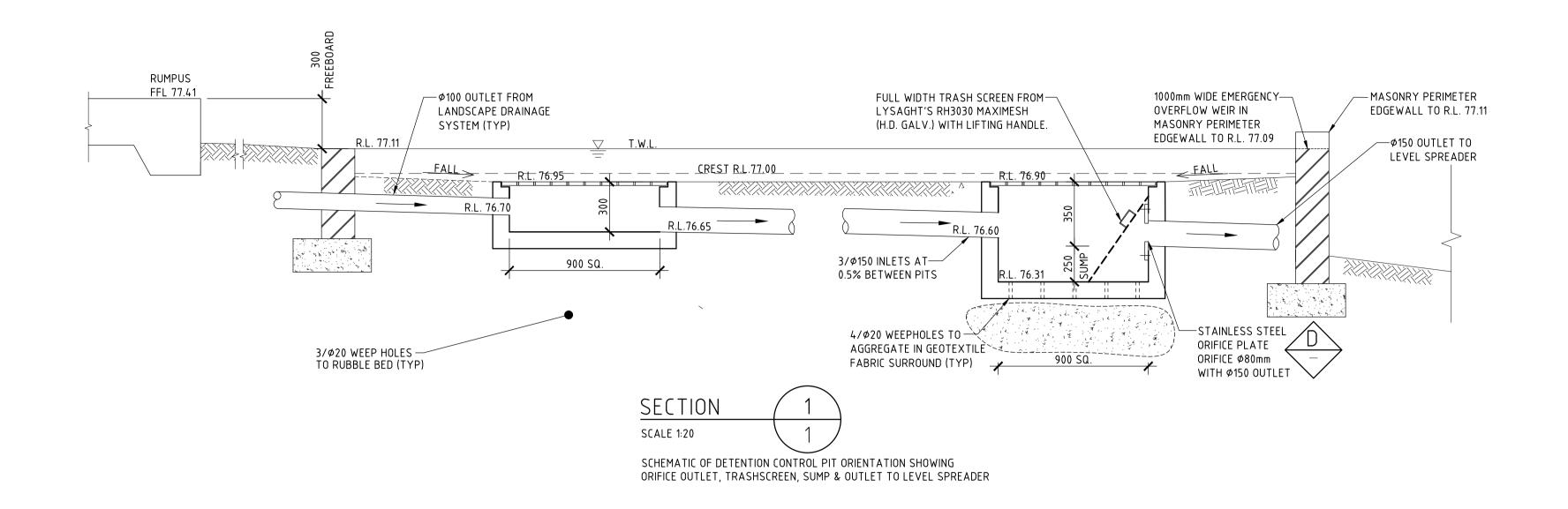
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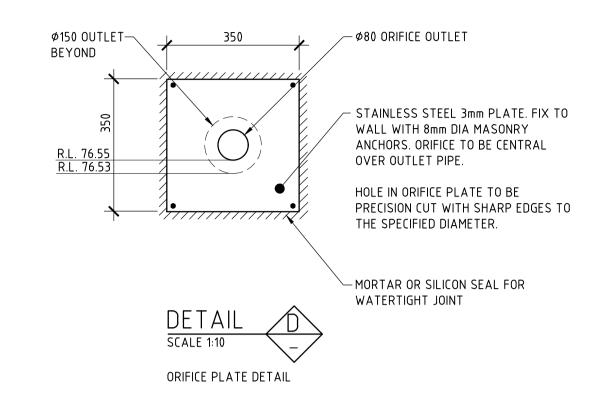
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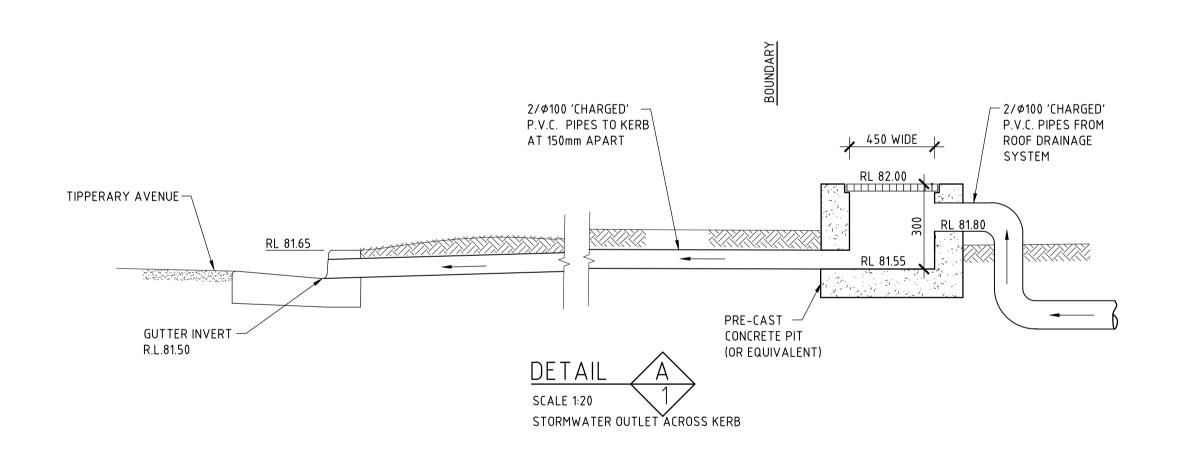
enquire@taylorconsulting.net.au www.taylorconsulting.net.au

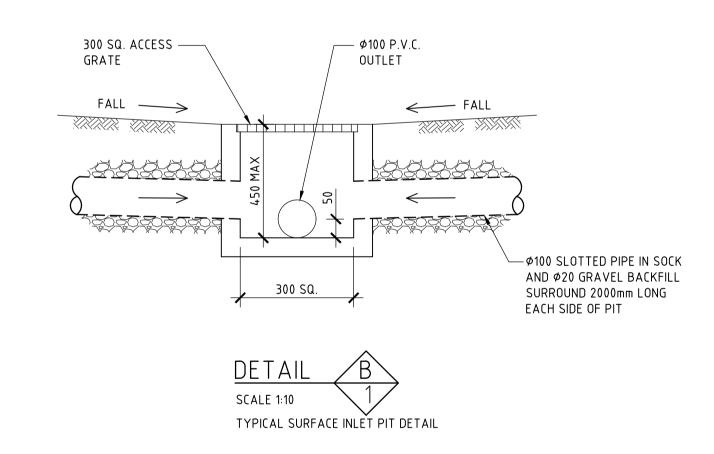
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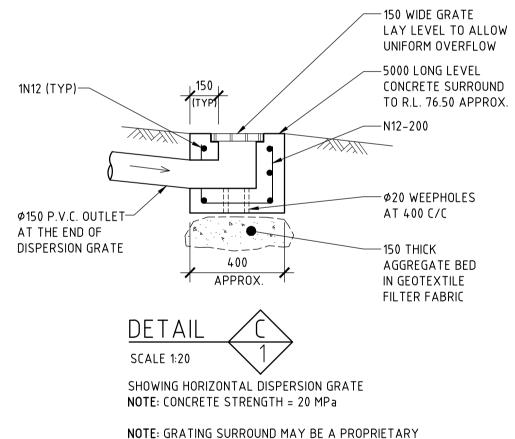












NOTE: GRATING SURROUND MAY BE A PROPRIETARY PRODUCT SUBJECT TO APPROVAL BY SUPERVISING ENGINEER

