PROPOSED ALTERATIONS & ADDITIONS - NEW CARPORT (No.17) JAMIESON PARADE, COLLAROY STORMWATER MANAGEMENT PLANS

LEGEND DENOTES ON-SITE DETENTION TANK DENOTES ON-SITE RETENTION TANK DENOTES DWELLING FOOTPRINT

DENOTES 100mm DIA. STORMWATER/SURFACE WATER SYSTEM PIPE AT 1% MIN. GRADE U.N.O. DENOTES 100mm DIA. FULLY SEALED RAINWATER SYSTEM PIPE U.N.O. DENOTES RAINWATER PIPE AND DIA. WHEN PIPE EXCEEDS 100mm DIA

WATER PIPE AND DIA WHEN PIPE EXCEEDS 100mm DIA DENOTES RISING MAIN AND PIPE DIA. U.N.O.

DENOTES STORMWATER/SURFACE

DENOTES SUBSOIL DRAINAGE LINE AND DIA. WRAPPED IN GEOFABRIC U.N.O.

DENOTES DOWNPIPE DENOTES INSPECTION OPENING

WITH SCREW DOWN LID AT FINISHED SURFACE LEVEL DENOTES INSPECTION OPENING

WITH SCREW DOWN LID AT FINISHED SURFACE LEVEL FOR SYSTEM FLUSHING PURPOSES

STORMWATER PIT - SOLID COVER

STORMWATER PIT - GRATED INLET DENOTES GRATED DRAIN

DENOTES ABSORPTION TRENCH

NON RETURN VALVE **(**) PUMP

凶

STOP VALVE (ISOLATION VALVE)

240v REQUIRED DENOTES LEVEL OF INLET /OUTLET OF

STORMWATER PIPE. NOTE: UNLESS NOTED OTHERWISE, THE BASE OF THE PIT IS THE SAME AS THE PIPE INLET/OUTLET.

DIAL BEFORE YOU DIG



IL23.31

IMPORTANT: THE CONTRACTOR IS TO MAINTAIN A CURRENT SET OF "DIAL BEFORE YOU DIG" DRAWINGS ON SITE AT ALL

GENERAL NOTES

- THESE PLANS SHALL BE READ IN CONJUNCTION WITH OTHER RELEVANT CONSULTANTS' PLANS, SPECIFICATIONS, CONDITIONS OF DEVELOPMENT CONSENT AND CONSTRUCTION CERTIFICATE REQUIREMENTS. WHERE DISCREPANCIES ARE FOUND ACOR CONSULTANTS (CC) MUST BE CONTACTED IMMEDIATELY FOR VERIFICATION
- WHERE THESE PLANS ARE NOTED FOR DEVELOPMENT APPLICATION PURPOSES ONLY, THEY SHALL NOT BE USED FOR OBTAINING A CONSTRUCTION CERTIFICATE NOR USED FOR CONSTRUCTION
- SUBSOIL DRAINAGE SHALL BE DESIGNED AND DETAILED BY THE STRUCTURAL ENGINEER, SUBSOIL DRAINAGE SHALL NOT BE CONNECTED INTO THE STORMWATER SYSTEM IDENTIFIED ON THESE PLANS UNLESS APPROVED BY ACOR CONSULTANTS (CC)

STORMWATER CONSTRUCTION NOTES

- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH AS/NZS 3500 (CURRENT EDITION) AND THE REQUIREMENTS OF THE LOCAL COUNCIL'S POLICIES AND CODES
- THE MINIMUM SIZES OF THE STORMWATER DRAINS SHALL NOT BE LESS THAN DN90 FOR CLASS 1 BUILDINGS AND DN100 FOR OTHER CLASSES OF BUILDING OR AS REQUIRED BY THE REGULATORY
- THE MINIMUM GRADIENT OF STORMWATER DRAINS SHALL BE 1%, UNLESS NOTED OTHERWISE
- COUNCIL'S TREE PRESERVATION ORDER IS TO BE STRICTLY ADHERED TO. NO TREES SHALL BE REMOVED UNTIL PERMIT IS
- PUBLIC UTILITY SERVICES ARE TO BE ADJUSTED AS NECESSARY AT THE CLIENT'S EXPENSE
- ALL PITS TO BE BENCHED AND STREAMLINED. PROVIDE STEP IRONS FOR ALL PITS OVER 1.2m DEEP
- MAKE SMOOTH JUNCTION WITH ALL EXISTING WORK
- VEHICULAR ACCESS AND ALL SERVICES TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION
- SERVICES SHOWN ON THESE PLANS HAVE BEEN LOCATED FROM INFORMATION SUPPLIED BY THE RELEVANT AUTHORITIES AND FIELD INVESTIGATIONS AND ARE NOT GUARANTEED COMPLETE NOR CORRECT. IT IS THE CLIENT & CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL PRIOR TO CONSTRUCTION
- ANY VARIATION TO THE WORKS AS SHOWN ON THE APPROVED DRAWINGS ARE TO BE CONFIRMED BY ACOR CONSULTANTS (CC) PRIOR TO THEIR COMMENCEMENT

RAINWATER RE-USE SYSTEM NOTES

- RAINWATER SUPPLY PLUMBING TO BE CONNECTED TO OUTLETS WHERE REQUIRED BY BASIX CERTIFICATE (BY OTHERS
- TOWN WATER CONNECTION TO RAINWATER TANK TO BE TO THE SATISFACTION OF THE REGULATORY AUTHORITY. THIS MAY REQUIRE PROVISION OF
 - PERMANENT AIR GAP
- BACKFLOW PREVENTION DEVICE
- NO DIRECT CONNECTION BETWEEN TOWN WATER SUPPLY AND THE
- AN APPROVED STOP VALVE AND/OR PRESSURE LIMITING VALVE AT
- PROVIDE APPROPRIATE FLOAT VALVES AND/OR SOLENOID VALVES TO CONTROL TOWN WATER SUPPLY INLET TO TANK IN ORDER TO ACHIEVE THE TOP-UP INDICATED ON THE TYPICAL DETAIL
- ALL PLUMBING WORKS ARE TO BE CARRIED OUT BY LICENSED PLUMBERS IN ACCORDANCE WITH AS/NZS3500.1 NATIONAL PLUMBING
- PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY A LICENSED ELECTRICIAN
- ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANK SURFACE WATER INLETS ARE NOT TO BE CONNECTED
- PIPE MATERIALS FOR RAINWATER SUPPLY PLUMBING ARE TO BE APPROVED MATERIALS TO AS/NZS3500 PART 1 SECTION 2 AND TO BE CLEARLY AND PERMANENTLY IDENTIFIED AS 'RAINWATER'. THIS MAY BE ACHIEVED FOR BELOW GROUND PIPES USING IDENTIFICATION TAPE (MADE IN ACCORDANCE WITH AS2648) OR FOR ABOVE GROUND PIPES BY USING ADHESIVE PIPE MARKERS (MADE IN ACCORDANCE WITH AS1345)
- 10. EVERY RAINWATER SUPPLY OUTLET POINT AND THE RAINWATER TANK ARE TO BE LABELED 'RAINWATER' ON A METALLIC SIGN IN ACCORDANCE WITH AS1319
- 11. ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO PREVENT MOSQUITO AND

SHEET INDEX

COVER SHEET & NOTES SHFFT D1 STORMWATER MANAGEMENT PLAN - NEW CARPORT SHEET D2 COUNCIL ON SITE DETENTION CHECKLIST

NORTHERN BEACHES COUNCIL

SITE AREA (m²). PRE-DEVELOPED IMPERVIOUS AREA (m²) , 327.7(47.0% POST DEVELOPED IMPERVIOUS AREA (m²)

- OSD NOT REQUIRED. REFER TO NORTHERN BEACHES COUNCIL CHECKLIST ON SHEET D3
- CARPORT ROOF AND GRATED DRAIN TO DISCHARGE TO EXISTING STORMWATER SYSTEM ON SITE. REFER TO SHEET D2 FOR DETAILS. WE NOTE PRE & POST IMPERVIOUS AREA (%) REMAINS RELATIVELY UNCHANGED, AND IN THIS REGARD ADDITIONAL STORMWATER RUNOFF GENERATED FROM THE PROPOSED CARPORT IS MINOR IN

DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH NORTHERN BEACHES COUNCIL WATER MANAGEMENT FOR DEVELOPMENT POLICY, AR&R AND

> **DEVELOPMENT APPLICATION ISSUE** NOT FOR CONSTRUCTION

DRAWINGS MUST BE PRINTED IN COLOUR

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MASCARENHAS

BRIANNA EMILY DESIGN



HYDRACOR Consulting Engineers Pty Ltd Platinum Building, Suite 2.01, 4 Ilva Avenue

SHEET D3

ERINA NSW 2250. Australia

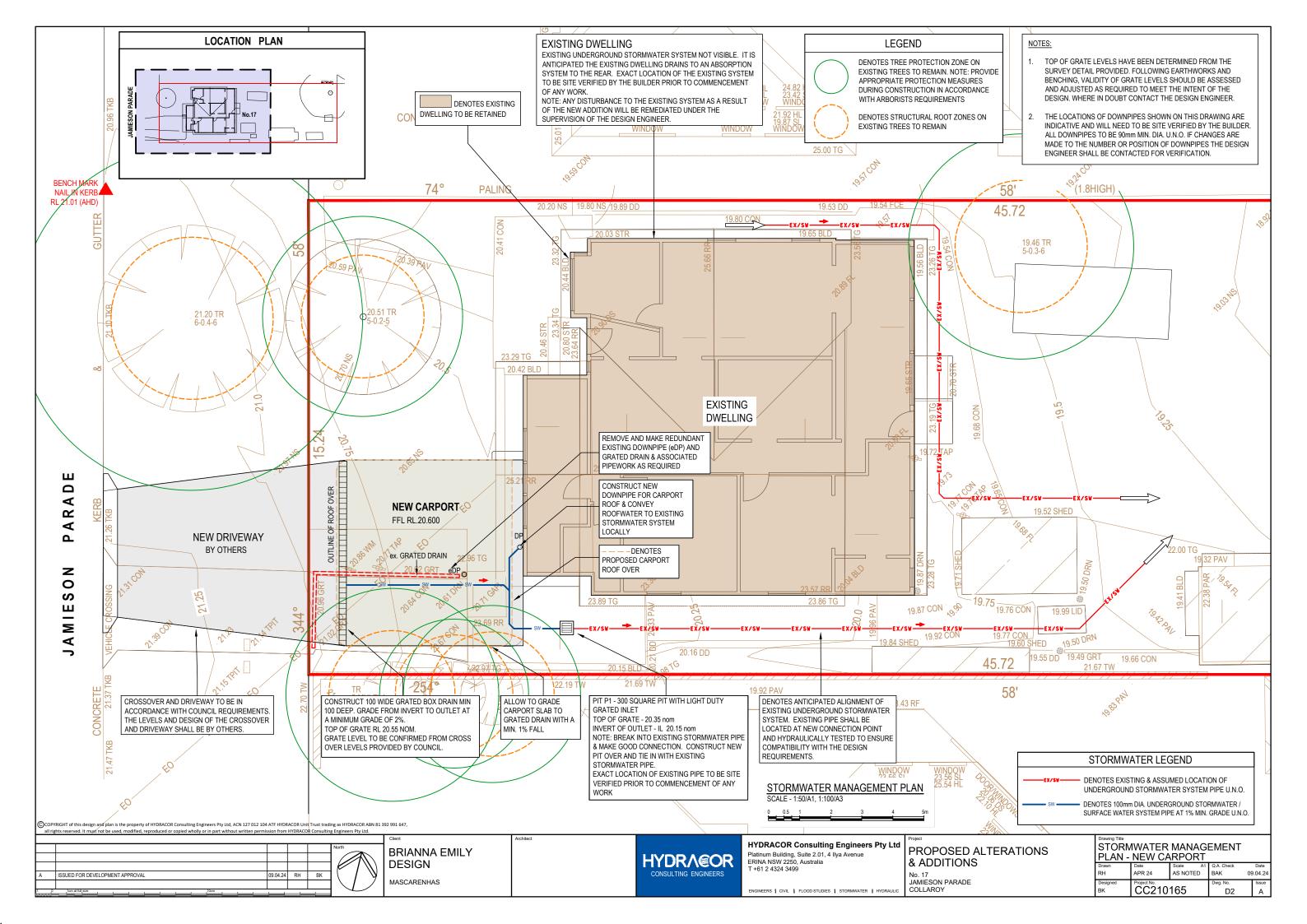
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PROPOSED ALTERATIONS & ADDITIONS

JAMIESON PARADE COLLAROY

COVER SHEET & NOTES

AS NOTED APR 24 09.04.24 CC210165





Appendix 16 - On-site Detention Checklist

This checklist is to be used to determine the on-site stormwater disposal requirement for developments and must be completed and included with the submission of any development application for these works. Please read this form carefully for its notes, guidelines, definition and relevant policies.

For assistance and support, please contact Council's Development Engineering and Certification team on 1300 434 434.

Part 1 Location	of the Property		
House Humber	17	Legal Property Description	
Street	JAMIESON PARADE	Lot 21	
Suburb	COLLAROY	Section 13	
Postcode		DP 7392	

Part 2 Site Details				
Northern Beaches Stormwater Regions (refer to Map 2 of Northern Beaches Council's Water Management for Development policy)		Total Site Area	696.	7
Pre-Development Impervious Area	327.7	Post-Development Impervious Area	332	
Is the site of the development located with referred to Council's Local Environmental		olished Flood Prone Land as	Yes □	No
If yes, On-site stormwater Detention syste to part 5 of this checklist If no, please proceed to part 3 of this checklist	, ,	s not required and please proceed		

Part 3: Northern Beaches Stormwater Regions (refer to Map 2 of Northern Beaches Council's Water Management for Development policy)

If the site of the development located within Region 1, please proceed to the part 4.1 of this checklist

If the site of the development located within Region 2, please proceed to the part 4.2 of this checklist

If the site of the development located within Region 3, please proceed to the part 4.3 of this checklist If the site of the development located within Region 4, please refer to Council's Warriewood Valley Water

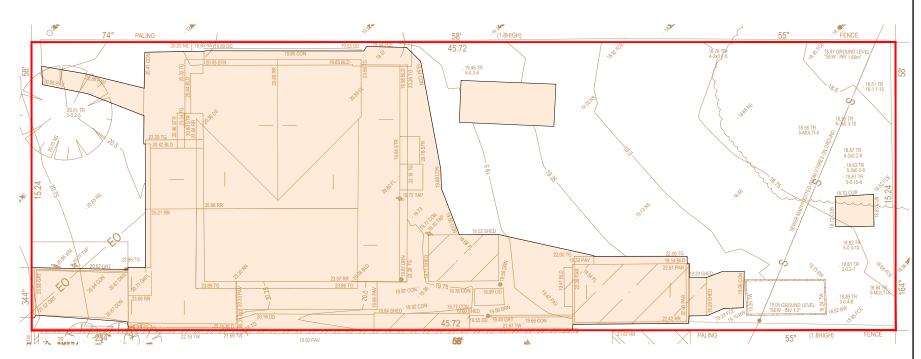
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Part 4.2 Northern Beaches Stormwater Region 2

Part 4.2.1 Description of Work

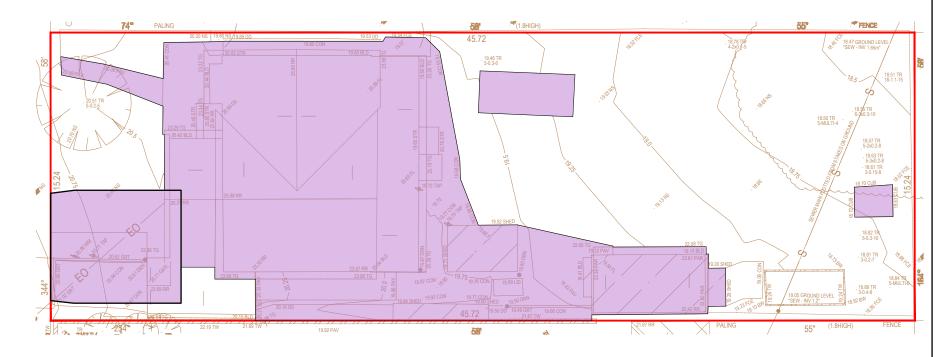
Management Specification.

resulting in the creat accordance with the	ing, commercial, industrial, multiple occupancy developmen ion of three lots or more, will require OSD in all case. Pleas section 9.3.2 of Council's Water Management for Developn al building development, please proceed to part 4.2.2 of this	e provide a design in nent Policy.	
Part 4.2.2 Exemption	on	,	
Is the site area less	Yes □ No M		
	development drain directly to the ocean without the need ainage control structure such as pipe, bridge, culvert, kerb drainage system?	Yes □ No ₩	
Is it an alternation and addition development to the existing dwellings? Yes ☑ No □			
If yes to any of the above questions, OSD is not required. If no to all the above questions, proceed to part 4.2.3 OSD NOT REQUIR			
Part 4.2.3 Determin	ation of OSD Requirements		
Calculation	a) Site area m² x 0.40 (40%) =	Yes No	



DENOTES PRE DEVELOPED BUILT UPON AREA (327.7m²)





DENOTES POST DEVELOPED BUILT UPON AREA (332m²)

POST-DEVELOPED IMPERVIOUS AREA PLAN SCALE - 1:100/A1, 1:200/A3

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Α	ISSUED FOR DEVELOPMENT APPROVAL	09.04.24	RH	BK] [
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1 0	1cm at full size				1

BRIANNA EMILY DESIGN MASCARENHAS



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Project
PROPOSED ALTERATIONS
& ADDITIONS

No. 17 JAMIESON PARADE COLLAROY

COUNCIL ON SITE DETENTION CHECKLIST					
Drawn	Date	Scale A1	Q.A. Check		
RH	APR 24	AS NOTED	BAK		
Designed	Project No.	Dwg. No.			
BK	CC210	D3			