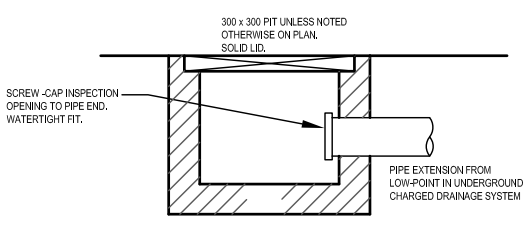


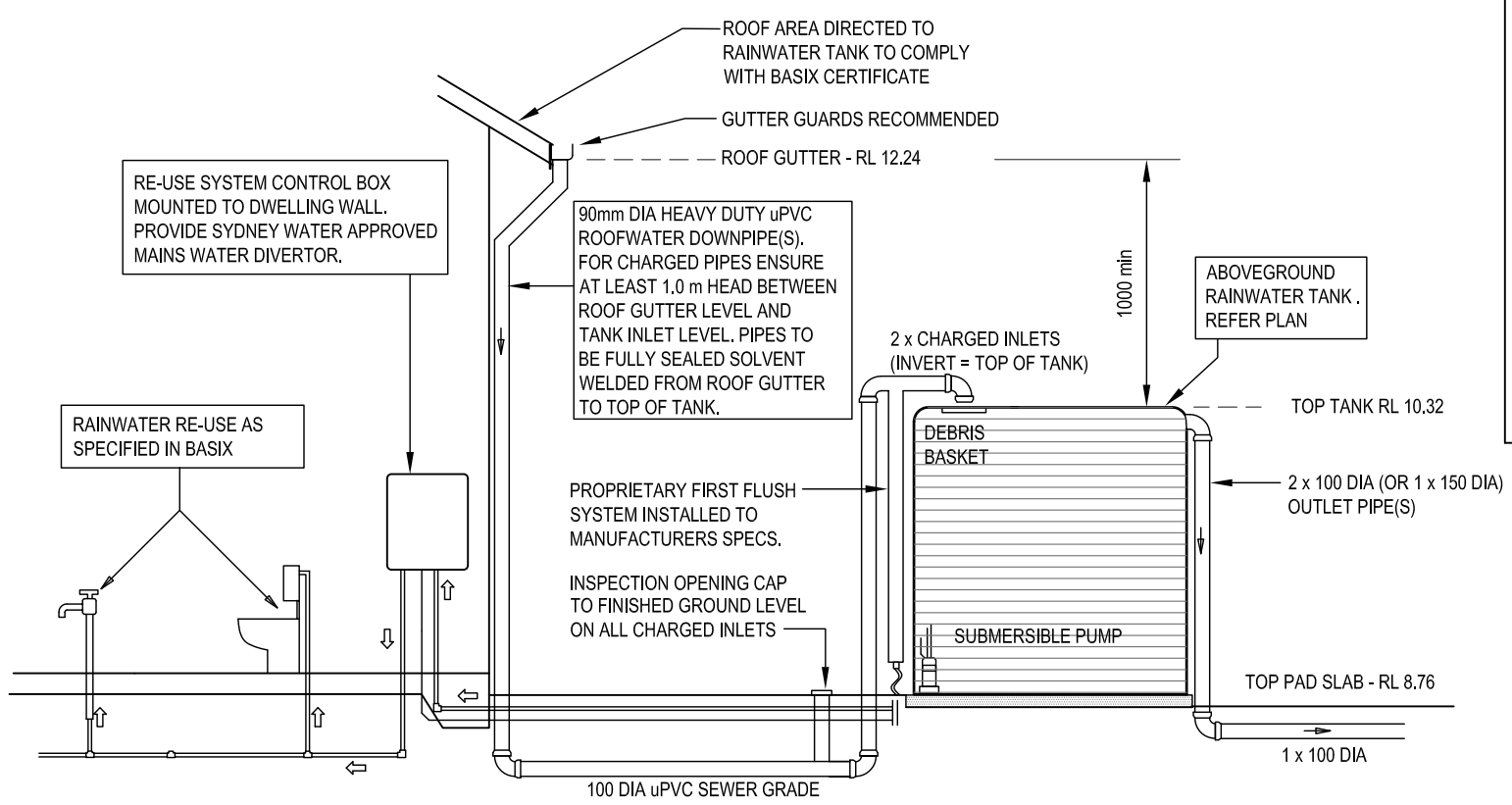
# STORMWATER MANAGEMENT PLAN

## PROPOSED SINGLE DWELLING DEVELOPMENT

### Lot 15, BUBALO STREET, WARRIEWOOD



TYPICAL DETAIL - CHARGED SYSTEM CLEANOUT PIT



TYPICAL DETAIL - RAINWATER RE-USE TANK

## LEGEND

	GRATED INLET PIT
450x450	450 SQUARE INTERNAL
GRT 75.54	GRATE LEVEL = 75.54
IL 75.12	INVERT LEVEL = RL 75.12
	PROPOSED DOWNPIPE No 5. 90mm dia. or 100mm x 50mm min.
	EXISTING TREE
	GRATED TRENCH DRAIN
	PROPOSED ROOF GUTTER FALL
	PROPOSED DOWNPIPE SPREADER
	STORMWATER PIPE 100mm dia min UNO
	SUBSOIL PIPE
	INSPECTION OPENING
	CONNECTION No 02, REFER SHEET D3 FOR CONTINUATION
	RAINWATER HEAD
	SUBSOIL CLEANOUT
	BALCONY OUTLET

## GENERAL NOTES

1. FINAL LOCATION OF NEW DOWNPIPES TO BE DETERMINED BY BUILDER/ARCHITECT AT TIME OF CONSTRUCTION.
2. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND OTHER CONSULTANTS DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH WORK.
3. ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH AS/NZS 3500.3:2003 STORMWATER DRAINAGE, BCA AND LOCAL COUNCIL POLICY/CONSENT/REQUIREMENTS.
4. ALL DIMENSIONS AND LEVELS TO BE VERIFIED BY BUILDER ON-SITE PRIOR TO COMMENCEMENT OF WORKS. THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS NOR TO BE USED FOR SETOUT PURPOSES.
5. ALL SURVEY INFORMATION AND PROPOSED BUILDING AND FINISHED SURFACE LEVELS SHOWN IN THESE DRAWINGS ARE BASED ON LEVELS OBTAINED FROM DRAWINGS BY OTHERS.
6. THESE DRAWINGS DEPICT THE DESIGN OF SURFACE STORMWATER RUNOFF DRAINAGE SYSTEMS ONLY AND DO NOT DEPICT ROOF DRAINAGE OR SUBSOIL DRAINAGE SYSTEMS UNLESS NOTED OTHERWISE. THE DESIGN OF ROOF AND SUBSOIL DRAINAGE SYSTEMS IS THE RESPONSIBILITY OF OTHERS.
7. ALL STORMWATER DRAINAGE PIPES ARE TO BE 100mm DIAMETER uPVC AT MINIMUM 1% GRADE UNLESS NOTED OTHERWISE.
8. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND LEVEL ALL EXISTING SERVICES OR OTHER STRUCTURES WHICH MAY AFFECT/BE AFFECTED BY THIS DESIGN PRIOR TO COMMENCEMENT OF WORKS.
9. ALL PITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE OR EQUAL.
10. THIS PLAN IS THE PROPERTY OF STORMCIVIL AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM STORMCIVIL.

MINIMUM PIPE COVER (FROM FINISHED SURFACE TO TOP OF PIPE)		
LOCATION	MINIMUM COVER (mm)	
	CAST/DUCTILE IRON GAL STEEL	OTHER AUTHORISED PRODUCTS (*)
1. NOT SUBJECT TO VEHICULAR LOADING: A. WITHOUT PAVEMENT: I. FOR SINGLE DWELLINGS - II. OTHER THAN SINGLE DWELLINGS - B. WITH PAVEMENT OF BRICK/UNREINFORCED CONCRETE -	0 0 0 (*)	100 300 50 (*)
2. SUBJECT TO VEHICULAR LOADING: A. OTHER THAN ROADS: I. WITHOUT PAVEMENT - II. WITH PAVEMENT OF: - REINF. CONC. FOR HEAVY VEHICLES - - BRICK/UNREINF. CONC LIGHT VEHICLES - B. ROADS I. SEALED II. UNSEALED	300 0 (*) 0 (*) 300 300	450 100 (*) 75 (*) 500 (#) 500 (#)
3. SUBJECT TO CONSTRUCTION VEHICLES OR IN EMBANKMENT CONDITIONS	300	500 (#)

(\*) INCLUDES OVERLAY ABOVE THE TOP OF THE PIPE OF NOT LESS THAN 50mm THICK  
(\*\*) BELOW THE UNDERSIDE OF THE PAVEMENT  
(#) SUBJECT TO COMPLIANCE WITH AS11702, AS2033, AS/NZS 2966.1, AS3725 OR AS 4060

ISS	DATE	AMENDMENT
B	04.06.2019	LINE UNDER GARAGE - DA ISSUE
A	28.05.2019	DA ISSUE

ARCHITECT/BUILDER	ARCH. REF : 29913475
CLARENDON HOMES	
OWNER	
Ms LIU	
LGA	NORTHERN BEACHES (ex PITTWATER)

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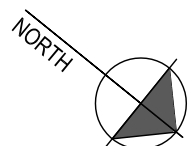
Pty Ltd. ABN 71 612 151 461

DWG TITLE	LEGEND, NOTES, DETAILS, CALCULATIONS
PROJECT TITLE	PROPOSED SINGLE DWELLING DEVELOPMENT Lot 15, BUBALO STREET, WARRIEWOOD

StormCivil		APPROVED ON BEHALF OF STORMCIVIL PTY LTD	
JOB No	DWG No	No IN SET	ISSUE
303222	D1	2	B



**DIAL 1100  
BEFORE YOU DIG**



SCALE 1:200 at A3

THIS DRAWING TO BE  
READ IN CONJUNCTION WITH  
ARCHITECTURAL DRAWINGS BY :  
CLARENDON HOMES  
REF : 29913475

THIS DRAWING IS NOT TO BE USED  
FOR SETOUT PURPOSES - REFER  
TO ARCHITECTURAL DRAWINGS

## SCALE 1:200 A3

ARCHITECT/BUILDER		ARCH. REF : 29913475
CLARENDON HOMES		
OWNER		
Ms LIU		
LG A	NORTHERN BEACHES (ex PITTWATER)	



<h1>StormCivil</h1>		APPROVED ON BEHALF OF STORMCIVIL PTY LTD	
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JOB No	DWG No	No IN SET	ISSUE
303222	D2	2	B