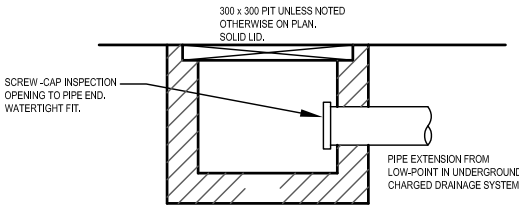


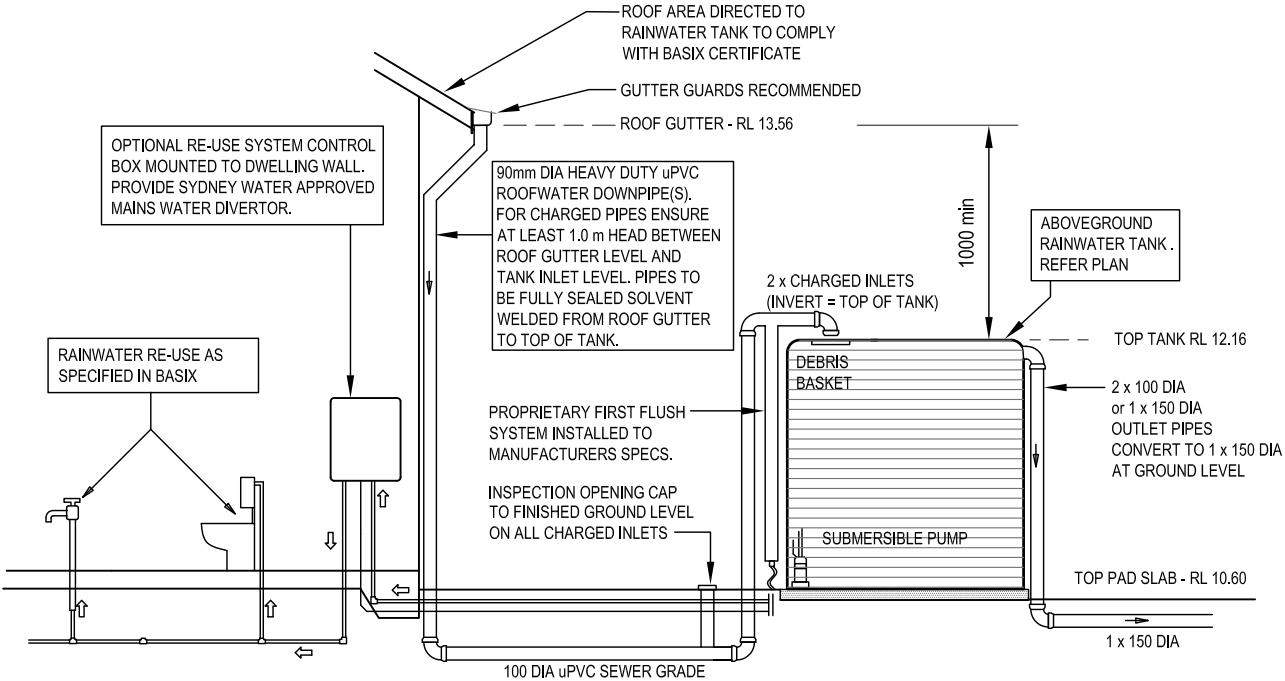
STORMWATER MANAGEMENT PLAN
PROPOSED SINGLE DWELLING DEVELOPMENT
Lot 6, No 60 LITTLE WILLANDRA ROAD, CROMER

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.



TYPICAL DETAIL - CHARGED SYSTEM CLEANOUT PIT



TYPICAL DETAIL - RAINWATER RE-USE TANK

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	300 300 0 (** #) 0 (** #) 300 300 300	450 100 (** #) 75 (** #) 500 (#) 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 AS1782, AS2033, AS/NZS 2966.1, AS3725 OR AS 4060

LEGEND

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

A	08.10.2020	DA ISSUE
ISS	DATE	AMENDMENT

ARCHITECT/BUILDER	ARCH. REF : 29914534
CLARENDON HOMES	
OWNER	
ELKS	
LGA	NORTHERN BEACHES (ex WARRINGAH)

Consulting Engineers
Civil & Environmental,
Stormwater Management.

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mobile : 0424023047
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Pty Ltd. ABN 71 612 151 461

DWG TITLE	LEGEND, NOTES, DETAILS, CALCULATIONS
PROJECT TITLE	PROPOSED SINGLE DWELLING DEVELOPMENT Lot 6, No 60 LITTLE WILLANDRA ROAD, CROMER

StormCivil		APPROVED ON BEHALF OF STORMCIVIL PTY LTD	
		Mark Taylor MIE Aust CP Eng NER 173333	
JOB No	DWG No	No IN SET	ISSUE
305082	D1	2	A



TREE PRESERVATION NOTE
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PRIOR APPROVAL REQUIRED FROM COUNCIL WITH RESPECT TO POTENTIAL IMPACT ON TREES FOR ANY WORKS SHOWN ON THIS DRAWING PRIOR TO THE COMMENCEMENT OF THOSE WORKS.

