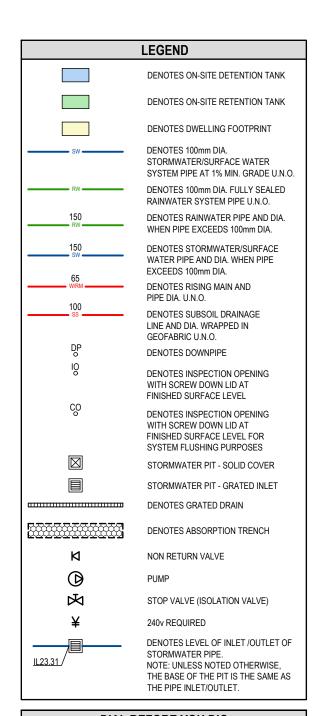
PROPOSED DEVELOPMENT Lot 2 (No.45A) ORANA AVENUE, HORNSBY

STORMWATER MANAGEMENT PLANS



DIAL BEFORE YOU DIG



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

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 PURPOSES
- 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 AUTHORITY
- 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 OBTAINED
- 5. PUBLIC UTILITY SERVICES ARE TO BE ADJUSTED AS NECESSARY AT THE CLIENT'S EXPENSE
- 3. ALL PITS TO BE BENCHED AND STREAMLINED. PROVIDE STEP IRONS FOR ALL PITS OVER 1.2m DEEP
- 7. MAKE SMOOTH JUNCTION WITH ALL EXISTING WORK
- 8. 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
- 0. 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:
 - 2.1. PERMANENT AIR GAP
- 2.2. BACKFLOW PREVENTION DEVICE
- 3. NO DIRECT CONNECTION BETWEEN TOWN WATER SUPPLY AND THE RAIN WATER SUPPLY
- . AN APPROVED STOP VALVE AND/OR PRESSURE LIMITING VALVE AT THE RAINWATER TANK
- 5. 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 AND DRAINAGE CODE
- 7. PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY A LICENSED ELECTRICIAN
- 8. ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANK SURFACE WATER INLETS ARE NOT TO BE CONNECTED
- 9. 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)
- EVERY RAINWATER SUPPLY OUTLET POINT AND THE RAINWATER TANK ARE TO BE LABELED 'RAINWATER' ON A METALLIC SIGN IN ACCORDANCE WITH AS1319
- ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO PREVENT MOSQUITO AND VERMIN ENTRY

SHEET INDEX

COVER SHEET & NOTES SHEET C1
STORMWATER MANAGEMENT PLAN (GROUND FLOOR) SHEET C2
STORMWATER MANAGEMENT PLAN (LOWER GROUND) SHEET C3
STORMWATER MANAGEMENT DETAILS SHEET No.1 SHEET C4

HORNSBY SHIRE COUNCIL REQUIREMENTS

 SITE AREA (m²)
 550.6

 PROPOSED ROOF AREA (m²)
 186

 PROPOSED HARDSTAND AREA(m²)
 146

 POST DEVELOPED IMPERVIOUS AREA (m²)
 332 (60%)

- RAINWATER RE-USE
 PROVIDE 5m³ RETENTION STORAGE FOR RAINWATER RE-USE.
 REFER SHEETS C3 & C4 FOR DETAIL.
- ON-SITE DETENTION
 PROVIDE 5.0m³ ON-SITE DETENTION.
 MAXIMUM PERMITTED SITE DISCHARGE = 8.0 l/s.
 REFER SHEETS C3 & C4 FOR DETAIL.
- STORMWATER DISPOSAL DISCHARGE OSR / OSD TANK OVERFLOW TO EXISTING EASEMENT. REFER TO SHEET C3 FOR DETAILS.

DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH COUNCIL'S "HORNSBY DEVELOPMENT CONTROL PLAN 2013", AR&R AND AS/ANZS 3500



DEVELOPMENT APPLICATION ISSUE NOT FOR CONSTRUCTION

DRAWINGS MUST BE PRINTED IN COLOUR

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3	ISSUED FOR DEVELOPMENT APPLICATION	13.01.23	RH	BK	
1	ISSUED FOR CLIENT REVIEW & COMMENT	13.01.23	RH	BK	
sue	Description	Date	Drawn	Approved	
	0 from at full gives 10cm				



TANYA LEE PERRING ADAM JOHN PERRING PNB ARCHITECTURE



ACOR Consultants (CC) Pty Ltd Platinum Building, Suite 2.01, 4 Ilya Avenue ERINA NSW 2250, Australia



COVER SHEET & NOTES

 Drawn
 Date
 Scale
 A1
 Q.A. Check
 Date

 RH
 JAN 23
 AS NOTED

 Designed
 Project No.
 Dwg. No.
 Issu

 BK
 CC220120
 C1
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