

A3 @ 1:200 / A1 @ 1:100

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ND DESIGN PTY LTD. THEY MUST NOT BE USED OR REPRODUCED WITHOUT WRITTEN CONSENT

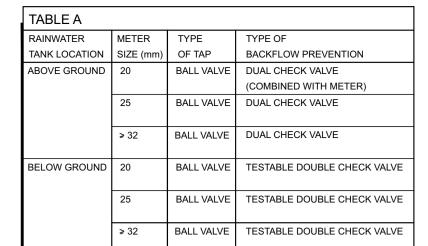
DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

DO NOT SCALE DIRECTLY FROM DRAWINGS, USE WRITTEN DIMENSIONS ONLY

CONFIRM ALL DIMENSIONS AND LEVELS ON SITE, AND REPORT ANY DISCREPANCIES

ARCHITECT, PRIOR TO THE COMMENCEMENT OF WORK. ISSUED DRAWINGS MUST BE READ IN CONJUNCTION WITH ENTIRE CONTRACT SET

**CONCEPT STORMWATER - GROUND FLOOR** 



GARAGE

- LEGEND PRESSURE VESSEL ■ METER BALL VALVE RIGHT ANGLE TYPE DUAL CHECK VALVE D PUMP **GARDEN TAP** DRINKING WATER SUPPLY PIPES RAINWATER SUPPLY PIPES DOWN PIPES
- DRAWING TO BE READ IN CONJUNCTION WITH SYDNEY WATER PLUMBING REQUIREMENTS FOR TANKS 10,000 LITRES OR LESS, COUNCIL DEVELOPMENT CONSENT IS NOT REQUIRED, IF THEIR CONDITIONS FOR INSTALLATION ARE FOLLOWED. FOR TANKS GREATER THAN 10,000 LITRES COUNCIL
  - DEVELOPMENT CONSENT IS GENERALLY REQUIRED. FOR TANKS MORE THAN 10,000 LITRES APPROVAL IS REQUIRED FOR BUILDING OVER SEWERS.

STORMWATER DRAINAGE NOTES

STORMWATER DRAINAGE PIPE, U.N.O.

- ALL DRAINAGE LINES SHALL BE uPVC (CLASS SH)

DRAINAGE LINES TO BUILDER'S DETAIL, TYPICAL

STORMWATER DESIGN SUMMARY

TOTAL PERVIOUS SITE (LANDSCAPED) AREA

IMPERVIOUS (HARD) SITE PERCENTAGE

TOTAL SITE AREA

PROPOSED ROOF AREA

**IMPERVIOUS PATHS & DRIVEWAYS** 

- FIRST FLUSH RAINWATER DEVICES TO BE FITTED TO

- ALL DRAINAGE LINES SHALL BE LAID @ 1% FALL MIN, U.N.O.

- MINIMUM EFFECTIVE EAVES GUTTER SLOPE = 1:500 U.N.O.

EXISTING ALLOTMENT WITH DRAINAGE TO STREET TO BE

HIGH LEVEL OVERFLOW DIRECTED TO STORMWATER MAINS

ROOF AREA DIRECTED TO RAINWATER RE-USE TANK

RAINWATER PIPE

LIGHT DUTY ACCESS GRATE

WITH CHILD PROOF "J" BOLT

OR APPROVED EQUIVALENT.

CONCRETE BENCHING/SHAPING -TO BASE OF ALL PITS

FIRST FLUSH DEVICE -

— DRIP OUTLET DIRECTED TO PIT

TILED / SHEETED

TYPICAL FIRST FLUSH DETAIL

**TYPICAL EAVES GUTTER DETAIL** 

TYPICAL SURFACE INLET PIT DETAIL

PIPE DIRECTED

TO THE TANK

REFER TO PLAN FOR PIT SIZE

- MINIMUM EFFECTIVE EAVES GUTTER SIZE = 150 HALF ROUND

 $= 700.4 \text{ m}^2$  $= 498.92 \text{ m}^2$ 

 $= 74.39 \text{ m}^2$ 

 $= 240.8 \text{ m}^2$ 

= 65.61%

OPTIONAL PUMP FOR RAINWATER RE-USE TO

**BUILDERS DETAIL** 

CONTRACTOR TO EXCAVATE

/- & BACKFILL PIT IN 150mm LAYERS

OVERHANG TO GUTTER

15mm MIN - 30mm MAX

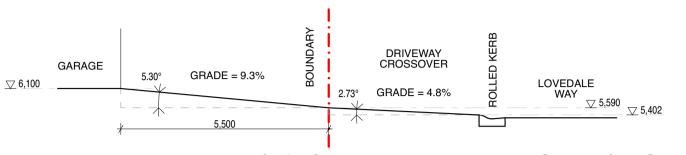
─ EAVES GUTTER

- SYDNEY WATER'S APPROVAL IS REQUIRED FOR ANY TOP UP FROM DRINKING WATER SUPPLY, REGARDLESS OF TANK SIZE. NO DIRECT CONNECTION IS ALLOWED BETWEEN THE DRINKING WATER SUPPLY AND THE RAINWATER TANK SUPPLY. RAINWATER PIPEWORK IS SHOWN ON THE DIAGRAM AS
- SUPPLYING INTERNAL AND EXTERNAL RAINWATER USES. CUSTOMERS MAY WANT ONE OR THE OTHER. ANY DESIGNED ACCESS LID INTO RAINWATER RE-USE TANK IS TO HAVE A LOCKABLE LID. IF THE LID IS DESIGNED TO BE ACCESSED BY A MAINTENANCE PERSON, IT MUST BE AT LEAST

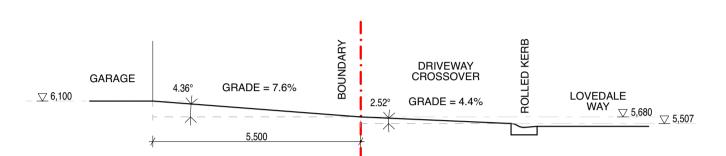
**DUAL DRINKING WATER & RAINWATER SUPPLY DIAGRAM** 

**LOVEDALE** 

600 mm x 900 mm IN SIZE.



**DRIVEWAY SECTION A** A3 @ 1:200 / A1 @ 1:100

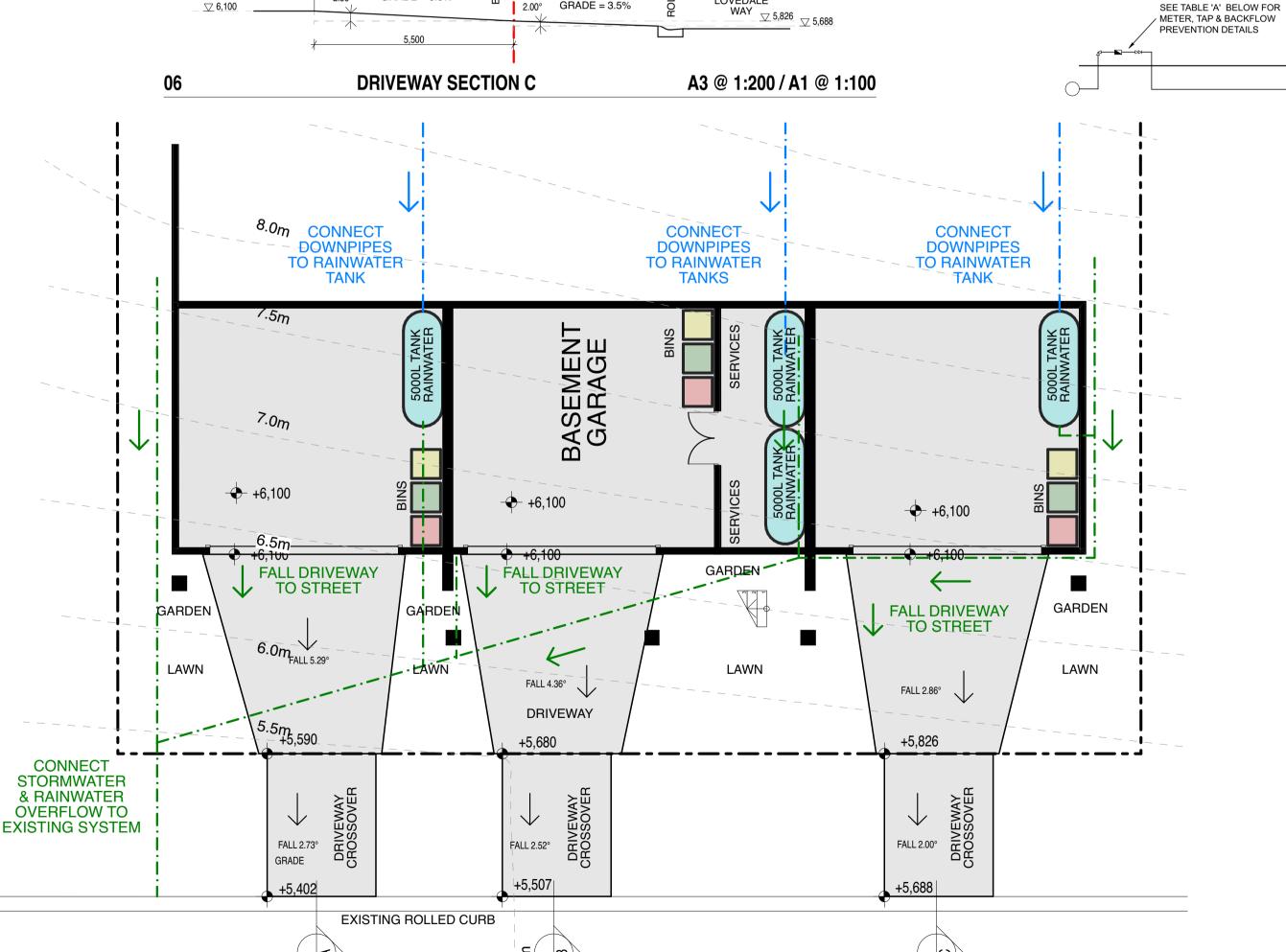


**DRIVEWAY SECTION B** A3 @ 1:200 / A1 @ 1:100

GRADE = 5.0%

**DRIVEWAY** CROSSOVER

GRADE = 3.5%



LOVEDALE WAY

**CONCEPT STORMWATER - BASEMENT** 

CLIENT: R. & E. MANN **ISSUED AS:** 

PROJECT TITLE: MULTI-DWELLING HOUSING SITE ADDRESS: REV. # 20 LOVEDALE WAY B FORSTER

STORMWATER CONCEPT 31/3/2025 FILE PATH: /Users/rmadpro22/Library/Mobile Documents/ com~apple~CloudDocs/RON/FORSTER/ARCHICAD/20 LOVEDALE - DA driveway levels.pln

FRONT OVERFLOW

OF DOCUMENTATION (REFER TO REVISION ISSUE & DATE) REFER TO MATERIALS SCHEDULE, CONSTRUCTION SPEC, MANUFACTURES' SPEC,

AND ENGINEERS' DETAILS 8. COMPLY WITH ALL BUILDING CODES, REGULATIONS, & ORDINANCE REQUIREMENTS 9. ALL EXISTING SITE DIMENSIONS AND LEVELS ARE SUBJECT TO SURVEY
10. THESE DRAWINGS MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AND ISSUED AS 'FOR CONSTRUCTION' (REFER TO REVISION ISSUE)

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REGISTERED ARCHITECT № 10315 (NSW) ARCHITECTURE + DESIGN 🗧 DA

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DWG (m) @ 1 DWG (m) @ 1

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