

- 3. PIPES UP TO 150mm DIAMETER SHALL BE LAID AT A MINIMUM GRADE OF 1%. PIPES 225mm DIAMETER AND OVER TO BE LAID AT A MINIMUM GRADE OF 0.5% U.N.O. BEDDING MATERIAL TO AS2032 OR AS3725 AS APPROPRIATE.
- 4. ALL PIPE FITTINGS TO BE PVC STANDARD FITTING OR FOR LARGER FITTINGS ALL BENDS TO BE LOBSTER BACK BENDS. NO 90 SHARP MITRE BENDS TO BE USED.
- 5. MINIMUM COVER TO PIPE 300mm GENERALLY AND 450mm IN CAR PARK AND ROADWAY AREAS U.N.O.
- 6. EAVES GUTTERS MUST HAVE A MINIMUM FALL OF 1:250 AND BOX GUTTERS A MINIMUM FALL OF 1:100. ALL FLASHING DETAILS TO HB39 AND BUILDER'S DETAILS.

## NOTES ON SITE DATA

AREAS BASED ON DETAILED SITE SURVEY DRAWING REF: I80IIDETAIL BY C.M.S SURVEYORS P/L ON 31/08/18 AND ARCHITECTURAL DRAWING REF: 7236 DA-0200 ON 07/27/18 BY RED BLUE ARCHITECTURE AND DESIGN.

| 1 | ). EXISTING<br>ADEQUAC | STORMWATER<br>Y. | LINE | TO BE | INSPECTED | PRIOR | ТО | CONN | ECTION OF  | NEW     | IN-GROUND | SYSTEM | TO C | CONFIRM |
|---|------------------------|------------------|------|-------|-----------|-------|----|------|------------|---------|-----------|--------|------|---------|
|   |                        |                  |      |       |           |       |    |      | Prepared B | y Signe | ed Date   | Scale  | А3   |         |

7. THE PROPOSED STORMWATER DISCHARGES TO THE KERB AND GUTTER UNDER GRAVITY FLOW.

REQUIRED FOR THIS DEVELOPMENT.

|     |          |                      |    |      |      | Prepared By<br>MT |        | Date<br>13/11/18 | Scale<br>1: 200 | А3  |     |     |     |       |      |     |     |          |       | _ |
|-----|----------|----------------------|----|------|------|-------------------|--------|------------------|-----------------|-----|-----|-----|-----|-------|------|-----|-----|----------|-------|---|
|     |          |                      |    |      |      | Verified By       | Signed | Date             |                 |     |     |     |     |       |      |     |     |          |       |   |
|     |          |                      |    |      |      | DM                |        | 13/11/18         |                 |     |     |     |     |       |      |     |     |          |       |   |
| С   | 13/11/18 | REVISED FOR APPROVAL | MT | DM   | DM   | Approved By       |        |                  |                 |     |     |     |     |       |      |     |     |          |       | ` |
| В   | 09/11/18 | FOR APPROVAL         | MT | DM   | DM   | DM                |        | 13/11/18         |                 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0   | 6.0  | 7.0 | 8.0 | 9.0      | 10.0m |   |
| A   | 06/11/18 | DRAFT                | MT | DM   | DM   | Horizontal        |        | N/A              |                 |     |     |     | _   |       | _    |     |     | <b>-</b> | _     |   |
|     |          |                      |    |      |      | Datum             | '      | N/A              |                 |     |     |     |     | 1:200 | (A3) |     |     |          |       |   |
| REV | DATE     | REVISION DETAILS     | BY | VER. | APP. | Vertical          |        |                  | 1               |     |     |     |     |       |      |     |     |          |       |   |
|     |          | DEVICIONS AND ISSUES |    |      |      | Datum             |        | AHD              |                 |     |     |     |     |       |      |     |     |          |       |   |

8. A MINIMUM 150mm STEP UP MUST BE PROVIDED BETWEEN ALL EXTERNAL FINISHED SURFACES AND ADJACENT INTERNAL

9. IN ACCORDANCE WITH WARRINGAH COUNCIL'S WATER MANGEMENT POLICY SECTION 9.1 (a).i, ON SITE DENTETION IS NOT

FLOOR AREAS EXCEPT WHERE A REDUCED STEP IS PERMITTED UNDER SECTION 3.1.2.3. (b) OF THE BUILDING CODE OF

NIGEL POLLARD

C/O RED BLUE ARCHITECTURE +
DESIGN
SUITE 101, 43 MAJORS BAY ROAD
CONCORD NSW 2137



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| Froject                           |
|-----------------------------------|
| PROPOSED ALTERATIONS & ADDITIONS  |
| 18 GRASMERE CRES, WHEELER HEIGHTS |

ving Title

STORMWATER DRAINAGE CONCEPT PLAN

| Status REVISED FOR APPRO | VAL Project No. | Drawing No. | Rev. |
|--------------------------|-----------------|-------------|------|
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