

PROPOSED RESIDENTIAL DEVELOPMENT  
(No. 22) PALM BEACH ROAD, PALM BEACH  
STORMWATER MANAGEMENT PLANS

LEGEND

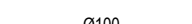
 DENOTES RAINWATER TANK

 LANDSCAPE/DRIVEWAY STORMWATER COLLECTION

 ROOF WATER STORMWATER COLLECTION SYSTEM.

 DIRECTION OF FALL OF STORMWATER SERVICE

 DIRECTION OF FALL OF RAINWATER SERVICE

 DENOTES STORMWATER PIPE DIAMETER. MINIMUM GRADE 1% U.N.O.

 DENOTES ROOFWATER/STORMWATER SYSTEM PIPE DIAMETER. MINIMUM GRADE 1% U.N.O.

 DENOTES SUBSOIL DRAINAGE LINE DIAMETER. 1% MIN. GRADE U.N.O.

 DENOTES HIGH END RISER

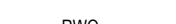
 DENOTES DOWN PIPE

 DENOTES DROP STRUCTURE

 DENOTES CLEAR OUT OPENING WITH SCREW DOWN LID AT FINISHED SURFACE LEVEL

 DENOTES RAIN WATER OUTLET

 STORMWATER PIT - SOLID COVER

 DENOTES GRATED DRAIN

 DENOTES LEVEL OF INLET /OUTLET OF STORMWATER PIPE. NOTE: UNLESS NOTED OTHERWISE, THE BASE OF THE PIT IS THE SAME AS THE PIPE INLET/OUTLET.

 DENOTES DIRECTION OF FALL OF SURFACE.

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

1. 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

2. 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

3. 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

1. 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

2. 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

3. THE MINIMUM GRADIENT OF STORMWATER DRAINS SHALL BE 1%, UNLESS NOTED OTHERWISE

4. 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

6. 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

9. 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

10. 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

1. RAINWATER SUPPLY PLUMBING TO BE CONNECTED TO OUTLETS WHERE REQUIRED BY BASIX CERTIFICATE (BY OTHERS)

2. 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

4. AN APPROVED STOP VALVE AND/OR PRESSURE LIMITING VALVE AT THE RAINWATER TANK

5. PROVIDE AT LEAST ONE EXTERNAL HOSE COCK ON THE TOWN WATER SUPPLY FOR FIRE FIGHTING

6. 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

7. ALL PLUMBING WORKS ARE TO BE CARRIED OUT BY LICENSED PLUMBERS IN ACCORDANCE WITH AS/NZS3500.1 NATIONAL PLUMBING AND DRAINAGE CODE

8. PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY A LICENSED ELECTRICIAN

9. ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANK . SURFACE WATER INLETS ARE NOT TO BE CONNECTED

10. 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)

11. EVERY RAINWATER SUPPLY OUTLET POINT AND THE RAINWATER TANK ARE TO BE LABELED 'RAINWATER' ON A METALLIC SIGN IN ACCORDANCE WITH AS1319

12. ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO PREVENT MOSQUITO AND VERMIN ENTRY

SHEET INDEX

STOMWATER MANAGEMENT - COVER SHEET & NOTES

C1.00

STOMWATER MANAGEMENT - ROOF PLAN

C1.01

STOMWATER MANAGEMENT - FIRST FLOOR PLAN

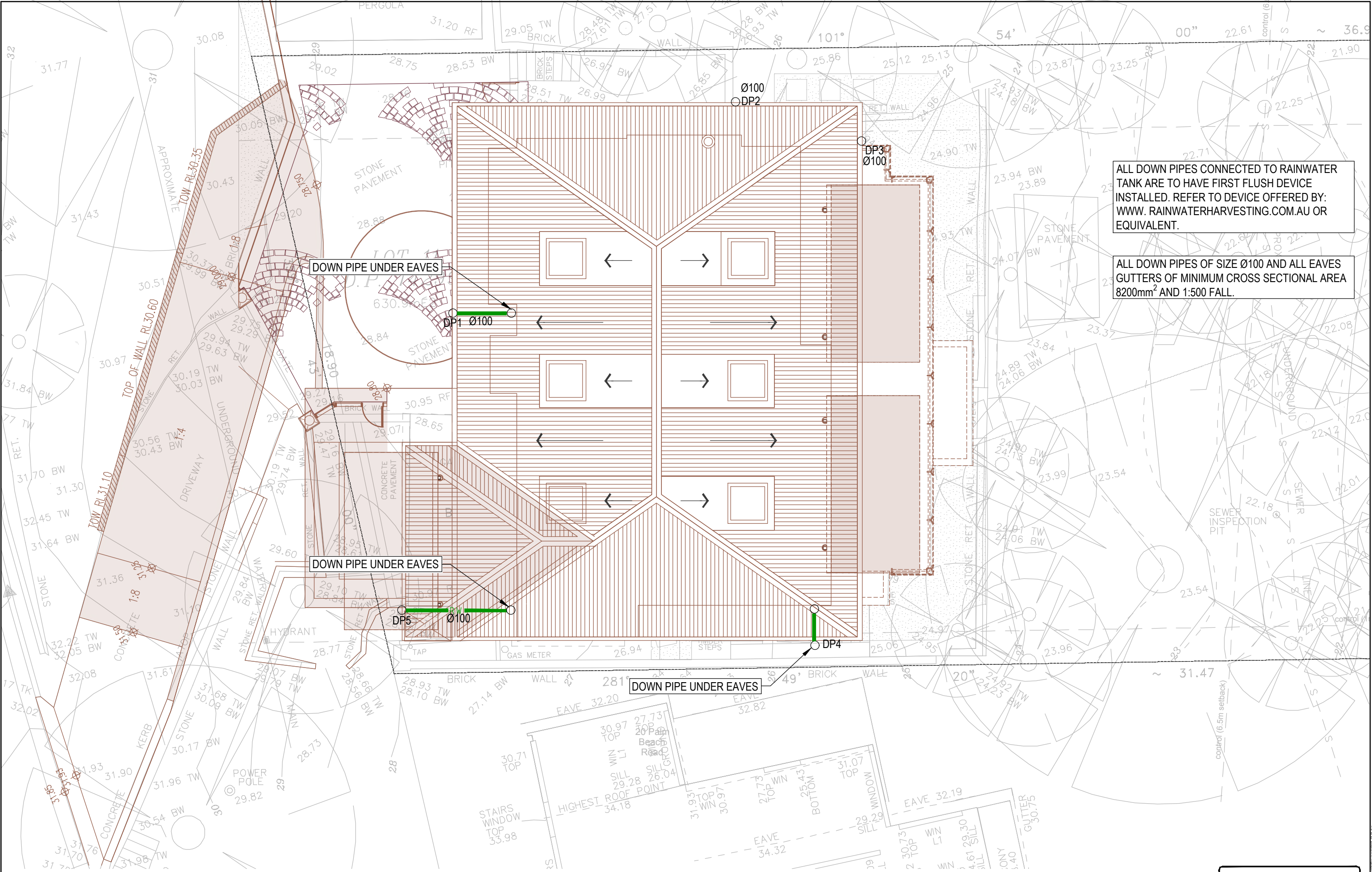
C1.02

STOMWATER MANAGEMENT - GROUND FLOOR PLAN

C1.03

STOMWATER MANAGEMENT - LOWER GROUND FLOOR PLAN

C1.04



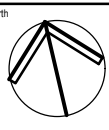
ALL DOWN PIPES CONNECTED TO RAINWATER TANK ARE TO HAVE FIRST FLUSH DEVICE INSTALLED. REFER TO DEVICE OFFERED BY: WWW.RAINWATERHARVESTING.COM.AU OR EQUIVALENT.

ALL DOWN PIPES OF SIZE Ø100 AND ALL EAVES GUTTERS OF MINIMUM CROSS SECTIONAL AREA 8200mm<sup>2</sup> AND 1:500 FALL.

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| A     | ISSUE FOR DA         | 01.12.14 | EM    | GK       |
| Issue | Description          | Date     | Drawn | Approved |
| 100   | 10m                  |          |       |          |



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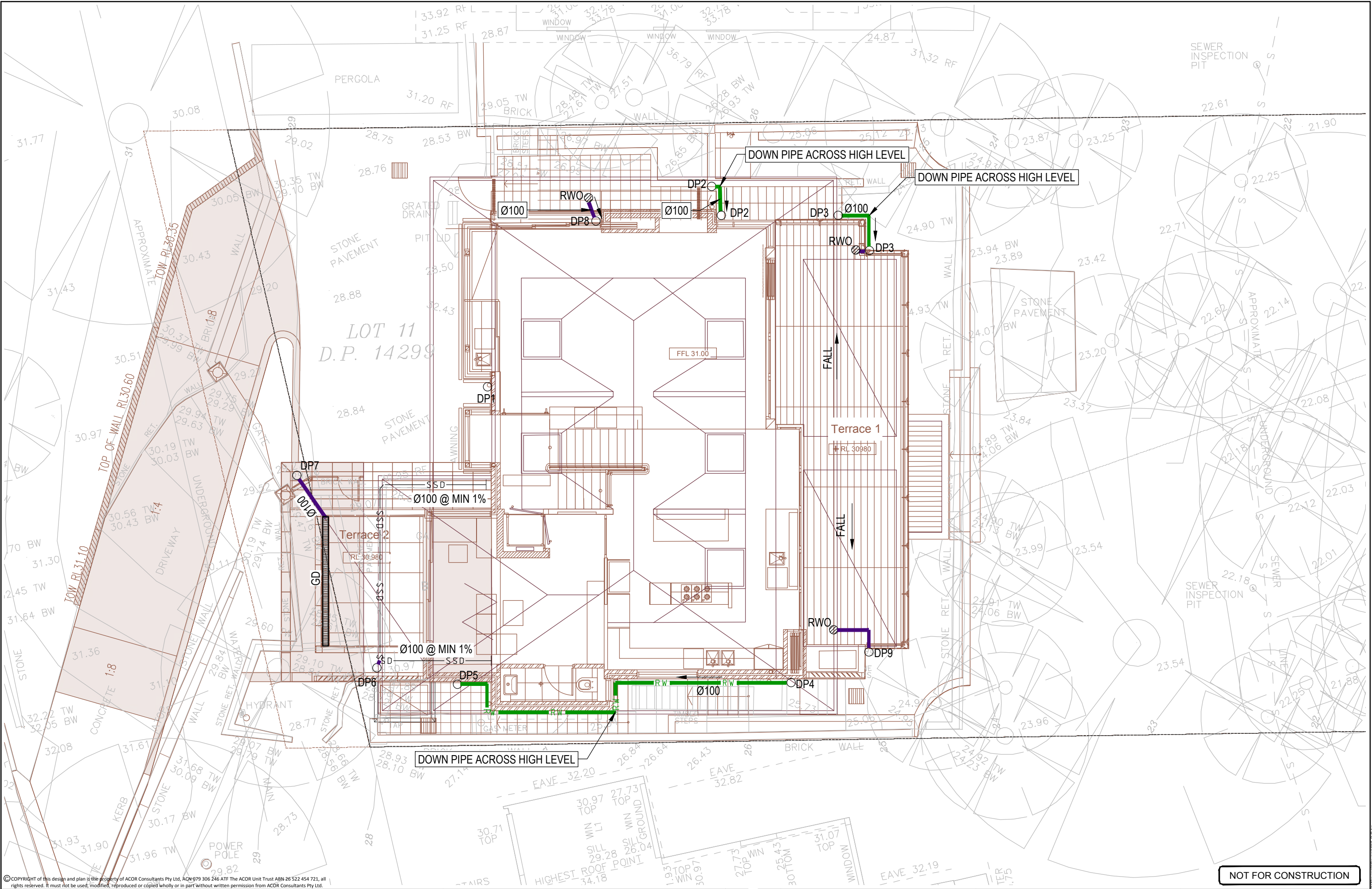
Project  
**Naylor Residence  
Development**

22 PALM BEACH ROAD, PALM BEACH

Drawing Title  
**STORMWATER MANAGMENT  
ROOF PLAN**

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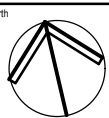
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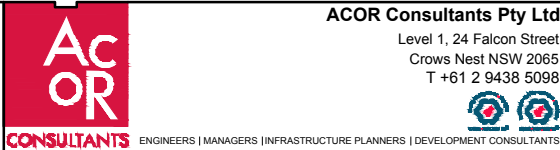
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Project  
**Naylor Residence  
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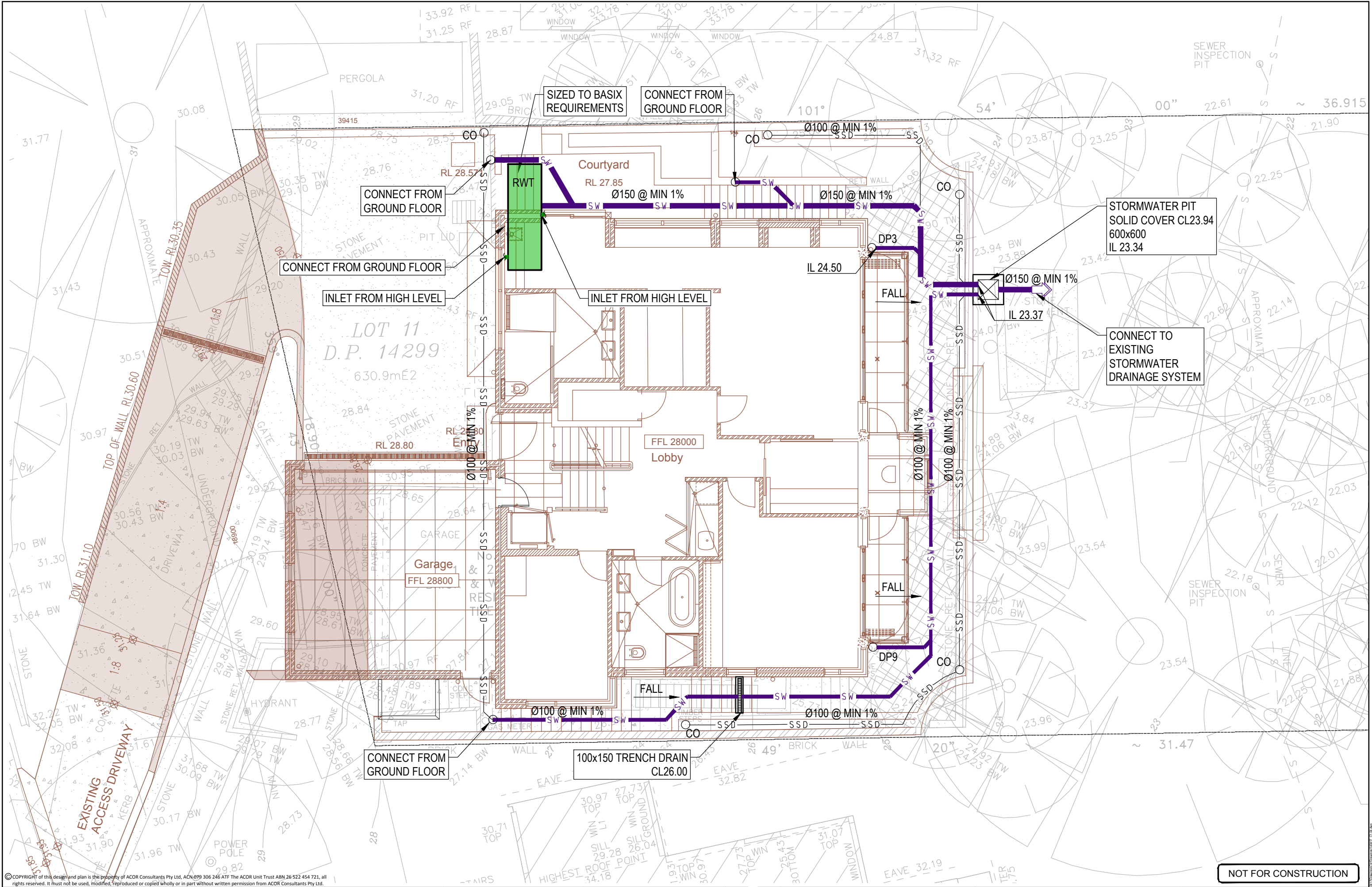
22 PALM BEACH ROAD, PALM BEACH

Drawing Title  
**SORMWATER MANAGEMENT  
FIRST FLOOR PLAN**

|                 |                                |                   |            |                  |                  |
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| Drawn<br>EM     | Date<br>DEC 2014               | Scale<br>1:100    | A3         | Q.A. Check<br>WS | Date<br>27.09.19 |
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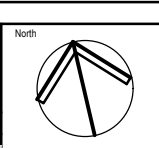




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Project  
**Naylor Residence Development**  
22 PALM BEACH ROAD, PALM BEACH

|                                                                           |                                |                   |                        |                  |
|---------------------------------------------------------------------------|--------------------------------|-------------------|------------------------|------------------|
| Drawing Title<br><b>STORMWATER MANAGEMENT<br/>LOWER GROUND FLOOR PLAN</b> |                                |                   |                        |                  |
| Drawn<br>EM                                                               | Date<br>DEC 2014               | Scale<br>1:100    | A3<br>Q.A. Check<br>WS | Date<br>27.09.19 |
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