



- 1. Cover levels are approximate only and may vary on site. Covers to suit finished levels.
- 2. Contractor is responsible for positioning MHS so they do not compromise line or level of kerbing or other delineation at the junction of two surface materials.
- 3. PPIC manhole diameters may vary and are dependant on manufactures specification and diameter of incoming / outgoing pipes.
- 4. Concrete manhole diameters are dependant on nominal internal diameter of largest pipe in manhole. See Table A on Typical Manhole Details drawing.

| PROPOSED SURFACE WATER DRAINAGE |             |               |      |     |            |           |
|---------------------------------|-------------|---------------|------|-----|------------|-----------|
| REF.                            | COVER LEVEL | INVERT LEVEL  | TYPE | DIA | COVER TYPE | COMMENTS  |
| S1                              | 203.000     | 202.400       | PPIC | 450 | B125       |           |
| S2                              | 203.000     | 202.245       | PPIC | 450 | B125       |           |
| S3                              | 202.900     | 202.120       | PPIC | 450 | D400       |           |
| S4                              | 203.000     | 201.875       | PPIC | 450 | D400       |           |
| S5                              | 202.800     | 201.455       | PPIC | 450 | D400       |           |
| S6                              | 202.700     | 201.275       | PPIC | 450 | D400       | Silt Trap |
| S7                              | 201.750     | 201.130 (TBC) | PPIC | 450 | B125       |           |
| S8                              | 203.000     | 201.700       | PPIC | 450 | D400       |           |
| S9                              | 203.000     | 202.400       | PPIC | 450 | B125       |           |

| PROPOSED FOUL WATER DRAINAGE |             |              |      |     |            |          |
|------------------------------|-------------|--------------|------|-----|------------|----------|
| REF.                         | COVER LEVEL | INVERT LEVEL | TYPE | DIA | COVER TYPE | COMMENTS |
| F1                           | 203.000     | 202.400      | PPIC | 450 | B125       |          |
| F2                           | 203.000     | 202.100      | PPIC | 450 | B125       |          |
| F3                           | 202.925     | 201.730      | PPIC | 450 | D400       |          |
| F4                           | 202.875     | 201.625      | PPIC | 450 | D400       |          |
| F5                           | 202.600     | 201.475      | PPIC | 450 | B125       |          |
| F6                           | 203.000     | 202.400      | PPIC | 450 | B125       |          |
| F7                           | 203.000     | 202.350      | PPIC | 450 | B125       |          |
| F8                           | 203.000     | 202.400      | PPIC | 450 | B125       |          |
| F9                           | 203.000     | 202.270      | PPIC | 450 | B125       |          |

DO NOT SCALE

Notes

1. All works to be carried out in accordance with:

1.1 "Sewers for Adoption" The contractor should note the new changes regarding adoption of sewers and construction methods.

1.2 BS EN 752 "Drain and sewer system outside buildings".

2. All levels shown are in metres and are relative to ordnance datum (m AOD).

3. Invert levels of all existing chambers and connection points are to be confirmed and engineer advised prior to commencement of any Drainage Works.

4. Concrete bed and surround is required to all gully leads and to all pipes in highways/hardstanding where cover to pipe <1200mm

5. All pipes to be either extra strength V.C. to BS 65 or PVC to BS 4660 or BS 5481 'UPONOR ULTRARIB' or concrete pipes Class 120 to BS 5911

6. All RWP & PU positions should be taken from the Architects drawings.

7. Existing sewer positions are indicative and are not to be used in conjunction with design. Contractor to confirm location.

8. All RWP connections to proposed manholes to be 1000Ø. All Surface water sewers between manholes to be 1000Ø unless noted otherwise.

9. CCTV to be carried out prior to construction.

10. All FW drains to be 1000Ø UNO.

11. Contractor is responsible for positioning of MHS so they do not sit between two surface materials.

12. All proposed foul water to be directed towards new treatment works.

S.H.E.  
Do not excavate until all underground services have been identified and marked out. Refer to service providers drawings and to the utilities survey drawings. Unknown underground services may exist. Check for services by carrying out a scan with a cable avoidance tool.

Legend

Proposed SW Sewer

Proposed FW Sewer

Existing Gully

Rainwater Pipe

Rodding Eye

Linear Drain with Outlet Unit (SW)

Linear Drain with Outlet Unit (FW)

Foul Penetration in Floor Slab (Located Indicatively)

Issued for Planning

JJH

P1

SR

18/01/2019

AMENDMENT

BY

REV

CHK

DATE

Rev P = Preliminary T = Tender C = Construction LCI = Last Construction Issue

In instances where this drawing completes or partly completes a contract, Billinghurst George & Partners will consider that it's product has been validated, unless in a period not exceeding 90 working days, the client advises to the contrary.

Client

Mr & Mrs Pritchard

Project

Evistones Cottages

Rochester

Drawing Title

Proposed Drainage Plan

Drawn

J. Herbert

Date

January 2019

Checked

S. Ramshaw

Date

January 2019

Scale

1:150

Original Size

A1

bgp

Billinghurst George & Partners

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Rev.

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