

0.570

0.700

0.200

0.450

539097.744

539106.387

539111.171

7.550

7.550

7.500

7.550

FWMH01

FWMH02

FWMH03

FWMH04

6.980

6.850

7.300

7.100

PPIC 450ø

PPIC 450ø

PPIC 450ø

266977.070

266982.288

266986.758 539092.314 | 266984.715 | PPIC 250ø | 450Ø

450Ø

450Ø

250Ø

B125

B125

B125

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS

2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

3. ALL DRAINAGE SHALL COMPLY WITH THE TYPICAL DETAILS AND THE REQUIREMENTS OF BS EN 752 AND PART H OF THE BUILDING REGULATIONS.

- 4. FOR SETTING-OUT DIMENSIONS OF SVP'S, RWP'S ETC, REFER TO ARCHITECT'S OR MECHANICAL ENGINEER'S DRAWINGS. POSITIONS SHOWN ARE INDICATIVE AND SUBJECT TO FINAL DESIGN.
- 5. ALL FOUL AND RWP CONNECTIONS SHALL BE 100MM DIAMETER UNLESS OTHERWISE SPECIFIED.
- 6. ALL PRECAST CONCRETE UNITS USED IN THE DRAINAGE WORKS SHALL BE MANUFACTURED USING SULPHATE
- 7. MANHOLE COVERS AND FRAMES SHALL BE TO BS EN 124 AND SHALL BE KITEMARKED. COVERS AND FRAMES SHALL BE HEAVY DUTY D400 IN CARRIAGEWAYS AND VEHICULAR AREAS AND MEDIUM DUTY B125 IN FOOTWAYS AND SOFT LANDSCAPING. IN BLOCKED/CONCRETE PAVED AREAS COVERS SHALL BE RECESSED FABRICATED STEEL. ALL RECESSED COVERS
- 8. ALL INTERNAL INSPECTION CHAMBERS TO BE RECESSED, DOUBLE SEALED WITH SCREW DOWN
- 9. COVER LEVELS ARE TO BE ADJUSTED LOCALLY TO SUIT
- FINISHED GROUND LEVELS. 10. AT LEAST ONE SOIL PIPE AT THE HEAD OF EACH FOUL
- 11. ALL DRAIN RUNS FROM SVP'S, STUB STACKS OR FW GULLIES TO BE LAID AT 1:40 GRADIENT UNLESS OTHERWISE STATED. ALL RWP'S TO BE LAID 1:80 MIN
- 12. ALL PRIVATE DRAINAGE TO BE LAID TO LEVELS SHOWN USING FLEXIBLY JOINTED PIPES, EITHER UPVC TO BS 4660 AND BS 5481 OR VITRIFIED CLAYWARE TO BS EN
- 13. ALL NEW DRAINAGE TO BE JETTED AND CCTV SURVEYED ON COMPLETION. CONTRACTOR TO MAKE SURE THAT THE DRAINAGE IS FULLY OPERATIONAL. REFER TO DRAINAGE MAINTENANCE MANUAL FOR MAINTENANCE

NOTES

NOTES

TERMINATION MANHOLE FOR RISING MAIN

REFERENCED DRAWINGS

DRAWING BASED ON TOPOGRAPHIC SURVEY BY SURVEY SOLUTIONS DATED 06/11/2015, REF. 16740SE.

SITE LAYOUT BASED ON 937_linework_stage_4.dwg RECEIVED FROM LANDSCAPE ARCHITECT ON 31/01/2023. ABOVE GROUND DRAINAGE AND RWP POSITIONS BASED

ON JF GROUP DRAWINGS: P619-JFL-D1-00-DR-Z-0001 - C2

P619-JFL-D2-00-DR-Z-0002 - C1 P619-JFL-LC-00-DR-Z-0004 - C7 P619-JFL-HO-00-DR-Z-0005 - C3

P619-JFL-CI-00-DR-P-5200 - C2

AND CMP DRAWING:

C174-CMP-CI-XX-SK-A-00058_P2_GF&Upper GF_2022.01.05.dwg.

--- DEVELOPMENT BOUNDARY

——F₩—F₩ EXISTING FOUL DRAIN

——S₩_S₩ EXISTING SURFACE WATER DRAIN

- · - PROPOSED FOUL DRAIN

PROPOSED RISING MAIN

PROPOSED FOUL MANHOLE / INSPECTION **CHAMBER**

SOIL VENT PIPE / STUB STACK

FLOOR GULLY / YARD GULLY (TO FW)

PROPOSED SURFACE WATER DRAIN

PROPOSED SURFACE WATER MANHOLE / INSPECTION CHAMBER

PROPOSED RAINWATER PIPE

SWALE OUTLET

ROAD GULLY

LINEAR DRAINAGE CHANNEL

AQUACELL CORE (OR EQUIVALENT)

GEOCELLULAR SOAKAWAY PERMEABLE BLOCK PAVING

PERFORATED PIPE / FRENCH DRAIN TO PERMEABLE PAVING

> GREEN / SEDUM ROOF TO ARCHITECTS **SPECIFICATION**

GRC HEADWALL

PROPOSED BUILDING

DIRECTION OF PERMEABLE PAVING SUB BASE GRADIENT

EXISTING DITCH

PROPOSED SWALE

NOT FOR CONSTRUCTION

P01 23.05.23 ISSUED FOR INFORMATION

Rev Date Description Drawn Check

Scale 1:100@A1

Engineer ST

Project No

210650

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Drawing Status S2 - SUITABLE FOR INFORMATION

Project Date APR 2023 **GREEN END FARM** OVER ROAD, LONGSTANTON Drawn CDP

DRAINAGE LAYOUT

Drawing No Revision 210650-CON-XX-00-DR-C-1000 P01