



NOTES

1. All dimensions and levels are in metres unless otherwise noted

2. This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation

3. This drawing has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE - EXCEPT FOR PLANNING PURPOSES). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.

4. This drawing contains coloured lines / information that may not be clear if reproduced in black and white.

5. Digital copies of this plan can only be considered accurate if supplied directly by Infrastruct CS Ltd.

Drainage Key

Sewers

Foul water drain (private/non adaptable)

Surface water drain (private/non adaptable)

Foul water sewer (Adaptable)

Surface water sewer (Adaptable)

New combined water sewer (Adapted)

Perforated Pipe (Private)

Chamber Key

FW/SW

Mini access chamber (mac) - 300mmØ

PPIC - 475mmØ*

Adaptable demarcation manhole within 1m of boundary

Manhole

Depth: 1.25m to 1.5m*

Depth: 1.35m to 3.0m*

* General note

(Refer to standard details & longitudinal sections for chamber sizes. Size may need to increase dependant on number of incoming pipes/size of incoming pipes)

Surface water rodding eye

Rain water down pipe (roddable access)

Soil vent pipe/soil stack

Silt Trap (ST) with removable silt bucket

Manhole reference number

Yard gully (150mm - 200mmØ trapped)

Road gully (trapped) D400

Floor gully (trapped)

Surface water sump unit

Linear drainage channel

Cellular storage (refer to drawing for sizes)

Headwall

Impermeable barrier to stop lateral movement of water

Baffle to prevent rapid through flow of water through permeable paving

FFL 45.90

Finished Floor Level (FFL)

Permeable Bitmac

Block paving - standard (non-permeable)

Flood exceedance routing

PO1

AA

MBD

Initial issue

21/05/24

REV

DRAWN

CHECK

REVISION COMMENTS

ISSUE DATE

DRAWING TITLE

Drainage Design

SHEET NO.

1/2

PROJECT

Newyears Green Lane

Harefield

UB9 6LX

CLIENT

HILLINGDON

London

Infrastruct CS Ltd

SCALE @ A1

1:250

0m

4.25m

12.5m

ENGINEER

MBD

DRAFT

NJ

APPROVED

RJW

PROJECT

ORIGIN

PHASE

LEVEL

TYPE

ROLE

NO.

REVISION

NEWY

ICS

01

XX

DR

C

0210

PO1

138 NEWYICS-01-XX-W2-C-0200_Drainage Design