



External works key

FFL 100.00

GB 450

Gravel board retaining feature to clients brief.

RW1 450

Retaining feature to clients brief.

RW2 650

Retaining feature to clients brief.

RW3 650

Retaining feature to clients brief.

99.99x

Proposed external level.

111.11

Existing level from topographical survey.

M

Part 'M4(1)' level or ramped approach to plot with 1.2m x 1.2m level platform (Max gradient 1 in 20).

3 STEPS

Stepped part 'M4(1)' approach to plot with number of STEPS required detailed with 1.2m x 1.2m level platform (Max gradient 1 in 20)

Max XXXMM

Maximum height of facing brickwork below the normal threshold 2 courses below DPC.

DDPC

Double damp proof course. Additional 150mm of engineering brickwork. DPM and telescopic vents to be extending as applicable

Max XXXMM

Maximum depth of tanking courses to building. Depth is measured from the normal threshold 150mm below the DPC level.

Building drainage key

FEATURE

Surface water control feature e.g. ACO Drain, dish channel, 25mm upstand etc. Type of feature labelled on the drawing.

FILTER

SUD's filter strip, must terminate with a gully, suitable for use on non-trafficked edges of driveways, refer to clients specific drawing.

Storm drainage run, pipe diameter 100mm unless otherwise stated.

Foul drainage run, pipe diameter 100mm unless otherwise stated.

Yard gully, min 375mm dia 450mm deep trapped gully with c250 standard grate min 0.65m² waterway area.

99.99

Rodding eye with aluminium cover.

99.99

Access chamber, 450mm dia max depth 5m. The addition of "sump" can be specified for the chamber.

99.99

Concrete manhole construction to SSG version 2.2 specification.

99.99

Small inspection chamber e.g. 225mm dia inspection chamber max depth 600mm.

99.99

Access chamber, 450mm dia max depth 5m.

99.99

Concrete manhole construction to SSG version 2.2 specification.

Permeable drive construction to site specific detail.

Concrete protection to private drainage with less than 600mm cover.

Side door omitted to ensure that external works design is as effective as possible.

Attenuation Tank

General Notes.

1. Do not scale this drawing. If in doubt, ask.

2. This drawing is to be read in conjunction with all other relevant Engineers, Architects and specialist design drawings and details.

3. All dimensions are in metres unless noted otherwise. All levels are in metres unless noted otherwise.

4. Any discrepancies noted on site are to be reported to the Engineer immediately.

5. It is the responsibility of the Contractor to locate any service apparatus in the vicinity of the works prior to the commencement of any intrusive works.

6. It is the responsibility of the Contractor to execute the works at all times in strict accordance with the requirements of the health and safety at work act 1974, and the C.O.M. regulations 2015. The Contractor will be deemed to have allowed for full compliance, including full liaison with the principal designer/principal contractor, within the rates.

7. The contractor shall check all tie-ins for line and level with existing before commencing any works. The engineer shall be notified immediately, in writing, should any errors be found.

8. All private drainage works to be in accordance with the requirements of building regulations 2010, part H, "drainage and waste disposal". 2015 edition

9. Pipes with less than 600mm cover to be protected in accordance with part H, diagram 11.

10. All pipes, chambers and fittings to be installed, bedded and backfilled in accordance with the manufacturers instructions.

11. Pipes which run adjacent to buildings shall be installed in strict accordance with part H, clauses 2.23 to 2.25 and diagram 8.

12. All manholes and inspection chambers situated in areas subject to vehicular loading to have class B125 covers and frames to BS EN124 and those not subject to vehicular loading to have class A15 covers and frames.

13. All drains in the vicinity of existing or proposed trees to be constructed in accordance with the requirements of NHBC practice note 3.

14. All plots to have a minimum access arrangement in accordance with the building regulations 2010, part M4(1). 2015 Edition

ACCESS TRACK TO FIELD.

C0606

CL126.940

IL125.270 (225)

ridehalgh nicholls

consulting engineers

T 01164 829032

E contact@ridnic.co.uk W www.ridnic.co.uk

A 4 Pear Tree Business Park, Desford Lane, Ratby, LE6 0PG

Company registration number: 10827228

CLIENT

mypad

From land to living

PROJECT

PROPOSED RESIDENTIAL DEVELOPMENT AT
BARTON ROAD
BARLESTONE

TITLE

EXTERNAL WORKS AND
PRIVATE DRAINAGE
SHEET 1 OF 2

DRAWN

LN

DATE

08.10.2024

PURPOSE OF ISSUE

☒ PRELIMINARY

☐ APPROVAL

☐ CONSTRUCTION

SCALE

1/250

SIZE

A1

DWG NO.

E279-90-01

REV.

A