

CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015

THE CONTRACTORS ATTENTION IS DRAWN TO THE ABNORMAL RISKS IDENTIFIED BELOW, ANNOTATED ON THE DRAWING AND EXPLAINED IN THE ASSOCIATED DESIGN RISK REGISTERS

LEGEND

YOU MUST NOT DO

HAZARD OR DANGER

YOU MUST DO

CAUTION

ABNORMAL RISKS IDENTIFIED:

Key

HB-HALF BATTERED KERB

BN-BULLNOSE KERB

TN-TRANSITION KERB

EF-EDGING OF FOOTPATH

BB-BEANY BLOCKS

Permeable Paving

Tarmac

Grass

Exceedence Flow Arrow

The specification in all respects shall be in accordance with the current Development Road and Sustainable Drainage Specification and Construction publicatin in force in the country at the time of construction

The minimum longitudinal fall for highways without channel blocks shall be 1 in 150, and with channel blocks 1 in 250

General deterioration of the existing highway/footway/verges created through construction of the new Section 38 Development will be reinstated to the Development Road and Sustainable Drainage Specification and Construction at the developers' own cost at the agreement of the inspecting Highway and Flood Authority Officer

No private surface water shall discharge onto the adoptable highway

No private strucral features shall overhang the adoptable highway

No private retaining walls exceeding 1.37 metres shall be within 3.66 metres of the highway boundary



6.8m³ of flooding at 1-100 yr +40% CC Storm Event at a max depth of 115mm

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NOTES

1. Do not scale this drawing.

2. All dimensions are in millimetres unless stated otherwise.

3. This drawing to be read in conjunction with all other relevant drawings and specifications.

4. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

STANDARD DRAINAGE NOTES:

1. Except where specifically shown otherwise all below ground pipes / connections shall be 100mm dia PVC (to BS 4660) or VC (to BS 5481) with flexible joints and laid to minimum falls of 1 in 40, except where connected to WC when falls may be 1 in 80.

2. All gravity pipe runs to be tested to a standing head of 1500mm head of water above the invert at the head of the pipe run (but not exceeding 4000mm at the lower end)

3. For details of bed and surround requirements refer to long-sections and standard details. In all other situations provide 150mm of 10mm single-sized rounded gravel bedding and surround.

4. Except where specifically shown otherwise, pipes to be a minimum of 900mm below roads/driveways and 600mm below gardens/fields.

5. Ventilating pipes to be provided at the head of each drain and to any branch longer than 6m where a single appliance is connected, or 12m where a group of appliances is connected.

6. Step-irons shall not be fitted in any chambers unless specified otherwise.

7. Manhole/Gully covers shall be regulated to suit finished levels and crossfalls

8. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations

9. Drains passing beneath buildings to have minimum 100mm granular fill or flexible filling around pipe. Where the pipe crown is within 300mm of the underside of the slab, pipe shall be encased in concrete integral with the slab.

10. Drains passing through walls below ground level to have minimum 50mm clearance all round and opening in walls to be masked all round with rigid sheet material to prevent ingress of fill or vermin. Openings in walls for pipes shall have concrete lintels to support wall construction above

11. Unless stated otherwise, pipes to be 100mm Diameter.

STANDARD ROADS / FOOTPATH NOTES:

1. Existing structures to be broken out to minimum 450mm below top of finished surface level. Existing footpath to be broken out and rubble and existing subbase to be removed off-site.

2. Subgrade to be proof rolled with one pass of a smooth-wheeled roller having a mass per M-width of roll of not less than 2,100-kg or a Vibrating Roller having a mass per M-width of roll of not less than 700-kg or a Vibrating Plate Compactor having a mass per m2 of not less than 1400-kg. Any soft spots shall be removed and replaced with Type 1 compacted in layers not exceeding 150mm thickness.

3. All formations are to be treated with an approved herbicide before placing sib-base material on a geotextile separation membrane (Terram 1000 or similar approved)

4. All sub-base material is to be non-frost-susceptible. All concrete to be sulphate resisting

P4

Beany Blocks Removed and replaced with gullies

AJP

06-12-21

P3

Pipe diameters revised

TBP

02-12-21

P2

Adoptable Storm Water Re-Designed and amendments made accordingly

AJP

25-11-21

Rev

Amendments

Rev'd by

Date

Client

Stinders Development Ltd

Project

Proposed Development
Stockwell Gate
Whaphole, Spalding

Title

S38 Application
Exceedence Flows

Job No

21101

Drawing No

21101-216

Rev

P4

Status

Preliminary

Scale

1:200

Date

05-05-21

Project Engineer

TBP

Drawn By

AJP

Checked By

TBP

Approved By

pcrsons

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