

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

Proposed Levels

Existing Levels

Surface Water Polypropylene Inspection Chamber

Foul Water Polypropylene Inspection Chamber

Private Storm Water Manhole

Foul Water Pipeline

Surface Water Pipeline

Surface Water Perforated Pipeline

Road Gully

Rodding Eye

Rain Water Pipe discharges to driveway

Rain Water Pipe discharges to Sewer

Backdrop

Proposed Adoptable Storm Water Manhole

Existing Adoptable Foul Water Manhole

Adoptable Foul Water Pipeline

Existing Adoptable Manhole

Existing Foul Water Pipe

AW Easement Strip

Soakaway

Eco Flex Membrane

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 structral features shall overhang the adoptable highway

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

S38 Engineering Layout
Scale: 1:500

S38 Extent of Works
Scale: 1:1250

UNLESS STATED WITHIN THE CONTRACT THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF PARSONS CONSULTING ENGINEERS LTD. COPYING OF THE DESIGNS, DRAWINGS OR INTELLECTUAL PROPERTY IN FULL OR IN PART IS NOT PERMITTED.

NOTES

- Do not scale this drawing.
- All dimensions are in millimetres unless stated otherwise.
- This drawing to be read in conjunction with all other relevant drawings and specifications.
- All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

STANDARD DRAINAGE NOTES:

- 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.
- 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)
- 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.
- Except where specifically shown otherwise, pipes to be a minimum of 900mm below roads/driveways and 600mm below gardens/fields.
- 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.
- Step-irons shall not be fitted in any chambers unless specified otherwise.
- Manhole/Gully covers shall be regulated to suit finished levels and crossfalls
- All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations
- 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.
- 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 intels to support wall construction above
- Unless stated otherwise, pipes to be 100mm Diameter.

STANDARD ROADS / FOOTPATH NOTES:

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

P13	Added Street Lighting Locations	AJP	24-03-22
P12	Drainage updated and amendments made accordingly	AJP	17-01-22
P11	Existing Kerbs added on opposite side of road	AJP	12-01-22
P10	Contours and Gully positions changed	TBP	19-12-21
P9	Beany blocks removed	TBP	06-12-21

Client

Stinders Development Ltd

Project

Proposed Development
Stockwell Gate
Whaphole, Spalding

Title

S38 Application
Extent of Works

Job No	21101	Rev	P13
Drawing No	21101-200		
Status	Preliminary		
Scale	As Stated	Date	05-05-21
Project Engineer	TBP	Drawn By	AJP
		Checked By	TBP
		Approved By	

Providing engineering solutions for the Built Environment
4 Angel House, Eastgate ,Whittlesey,
Peterborough, PE7 1SE
07961 783825
www.parsonsengeiners.co.uk