



HIGH GROUNDWATER AND TRENCH INSTABILITY

Due to High Groundwater Table encountered there are potential issues with ingress of water within trenches. This can cause instability and collapse. Groundworker to ensure appropriate trench shoring up and de-watering works.

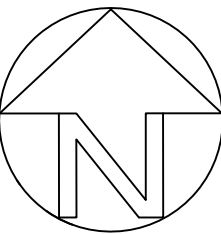


LOW STRENGTH ORGANIC SOILS

Due to the presence of organic soils designed levels have been kept to less than 1.3m build up to reduce the chance of settlement.

Buried services should be designed with flexible joints to allow the uptake of future movement cause by settlement of the soft soils beneath the site.

Ground reinforcement required where CBRs less than 2%. To be designed by a specialist.



General Notes

This drawing is to be used in conjunction with all relevant drawings, specifications and details.

All dimensions are in millimetres unless noted otherwise.

Do not scale from this drawing.

Drawing Key

- Site boundary (Taken from Architect's site layout referenced below)
- Adoptable Tarmac Carriageway - Normal Flexible Construction (Up to 0.25 msa)
- Adoptable Tarmac Footpath Construction
- Adoptable Verge
- Vehicular Crossing construction
- Bituminous shared parking and associated access areas having frequent use by commercial vehicles
- Bituminous private drives and parking areas having use by cars and light vehicles

Refer to drawing 127 for private pavement construction details
Refer to drawing 104 for Adoptable highway construction details

Health, safety & the environment

In accordance with the Construction (Design and Management) Regulations 2015, the designs and details on this drawing have been the subject of a Designers Risk Assessment, to identify risks in the construction, use, or demolition of the scheme.

It is not considered necessary for Designers to highlight obvious and/or common risks (such as deep excavations, manual handling and working around heavy plant) which Contractors should be familiar with, and be able to control by good management and site practice.

So far as is reasonably practicable, the risks inherent in the design have been eliminated. Where it has been considered that elimination of a risk (or part of a risk) is not reasonably practicable, it has been reduced.

Significant unusual residual risks are identified on the drawing by use of a Yellow Caution Marker, beside the measures which have been adopted to eliminate and/or reduce them.

Refer to JPP Drawing No. 100 for Health & Safety Risks

This drawing has been based/developed using the following external drawings					
Type	Company	Drawing date	Drawing title	Date received	Rev
Topographical Survey	TCS Topo & Volumetric Surveys	Jul 2015	Topographical Survey July 2015	09.04.19	-
Topographical Survey	JPP	June 2020	XREF_Topop (shows foul outfall MH 6701)	08.06.20	-
Site Layout	RGP	08.09.20	100-220/(90)001G External Works	28.01.21	G

JPP CONSULTING TO BE INFORMED IMMEDIATELY IF THESE DRAWINGS ARE NO LONGER CURRENT

Agreement	Approval Date
Section 278 (Works within the Existing Highway)	N/A
Section 38 (Highways adoption agreement)	Not Approved
Section 104 (Sewer adoption agreement)	Not Approved
Section 106 (Permission to discharge to public sewer)	Not Approved
Section 23 (Permission to discharge into watercourse)	Consent granted 09.04.20

DRAWINGS HAVE NOT BEEN APPROVED, UNTIL THE DRAWINGS ARE APPROVED THE DESIGNS AND DETAILS SHOWN ON THIS DRAWING ARE SUBJECT TO CHANGE
ANY WORKS UNDERTAKEN PRIOR TO TECHNICAL APPROVAL IS ENTIRELY AT THE CONTRACTOR'S RISK

- Rev D Drawing status updated to construction issue
- Rev C Section 38 note updated within drawing key.
- Rev B Drawing revised to suit client comments
- Rev A Drawing revised following updated to road layout.

- By RF Checked TH 04.02.2021
- By SF Checked RF 10.12.2020
- By RF Checked TH 03.11.2020
- By MK Checked TH 25.09.2020



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- Infrastructure Design
- Structural Engineering
- Planning Services
- Geotechnical & Environmental
- Surveying
- Professional Advice

Drawn By:	GA	Client	Geda Construction
Chkd By:	ML	Project	Housing Development Crease Drove Crowland
Scale @ A1:	1:500	Title	Surface Finishes Layout
Date:	March 2020		
Status:	CONSTRUCTION		
Project No.:	11557H	Drawing No:	121
Rev:	D		

