

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

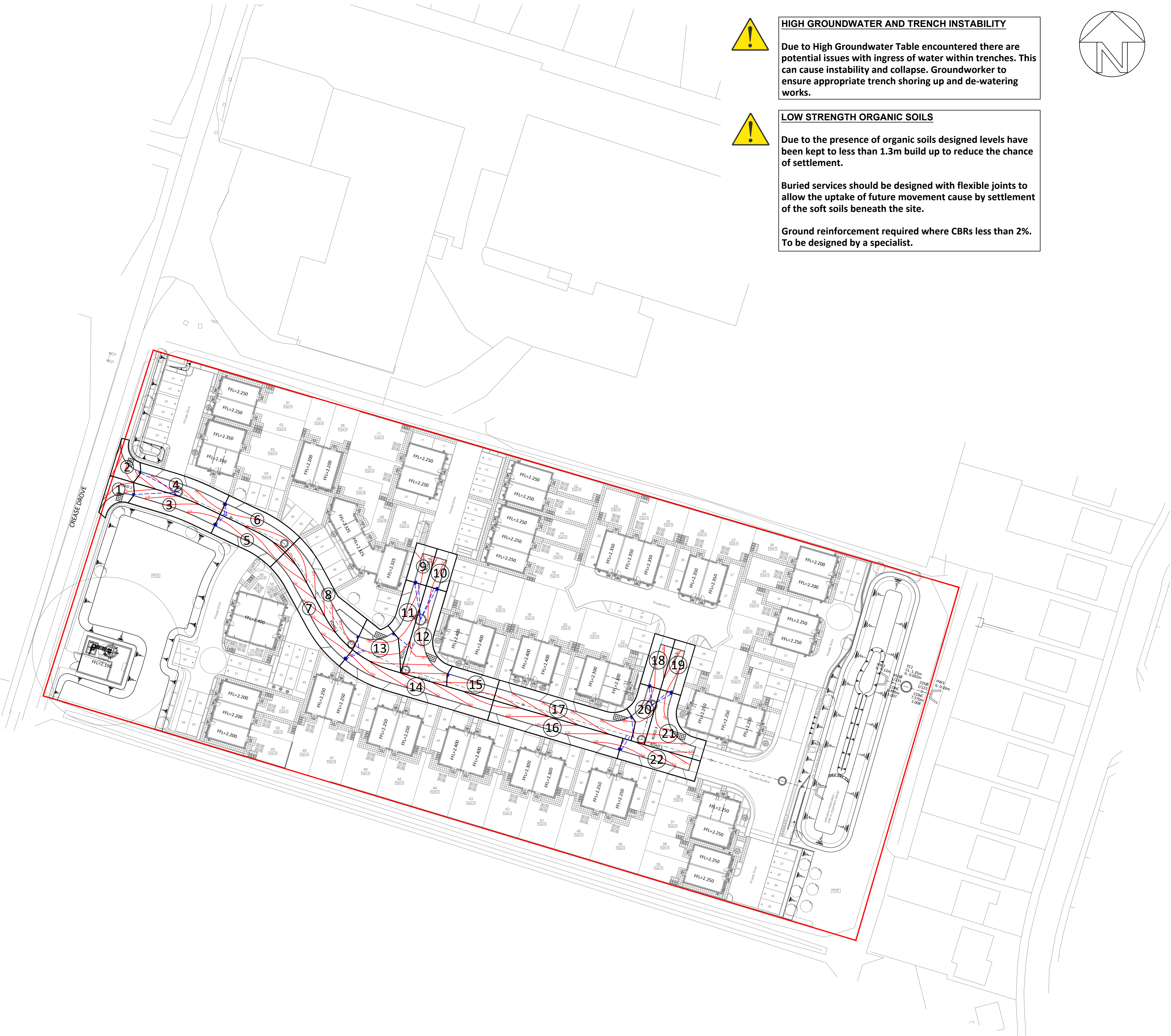
This drawing has been based/developed using the following external drawings					
Type	Company	Drawing date	Drawing title	Date received	Rev
Topographical Survey	TCS Topo & Volumetric Surveys	Jul 2015	Topographical Survey July 2015	09.04.19	-
Topographical Survey	JPP	June 2020	XREF. Topo (shows foul outfall 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JPP CONSULTING TO BE INFORMED IMMEDIATELY IF THESE DRAWINGS ARE NO LONGER CURRENT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

THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT "LINCOLNSHIRE DEVELOPMENT ROADS & SUSTAINABLE DRAINAGE DESIGN GUIDE" AND "DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION" PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.



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.

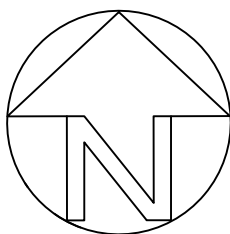


LOW STRENGTH ORGANIC SOILS

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

- All dimensions are in metres unless otherwise stated.
- All levels are in metres.
- This drawing is to be read in conjunction with all relevant Engineers and Architect's drawings, Specifications, Reports and Engineering Details.
- Do not scale from this drawing.

Drawing Key

- Site boundary (Taken from latest architects site layout referenced)
- Adoptable Section 104 surface water and manhole
- Trapped road gully
- Proposed road contour and level
- Gully area
- Finished floor level

Gully Areas

Gully Area	Area (m²)
1	40
2	40
3	96
4	99
5	78
6	85
7	130
8	139
9	42
10	42
11	72
12	132
13	80
14	166
15	54
16	145
17	158
18	56
19	56
20	57
21	109
22	87

Rev	D	Drawing status updated to construction issue
Rev	C	Section 38 note added to drawing key.
Rev	B	Drawing updated to reflect latest site plan
Rev	A	Gully areas updated in accordance with latest road design.

By RF	Checked TH	04.02.2021
By SF	Checked RF	10.12.2020
By RF	Checked TH	04.11.2020
By JW	Checked RF	25.09.2020

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Drawn By:	IH	Client	Geda Construction
Chkd By:	ML	Project	Housing Development Crease Drove Crowland
Scale @ A1:	1:500	Title	Gully Area Plan
Date:	March 2020		
Status:	CONSTRUCTION		
Project No.:	11557H	Drawing No:	110
Rev:	D		

