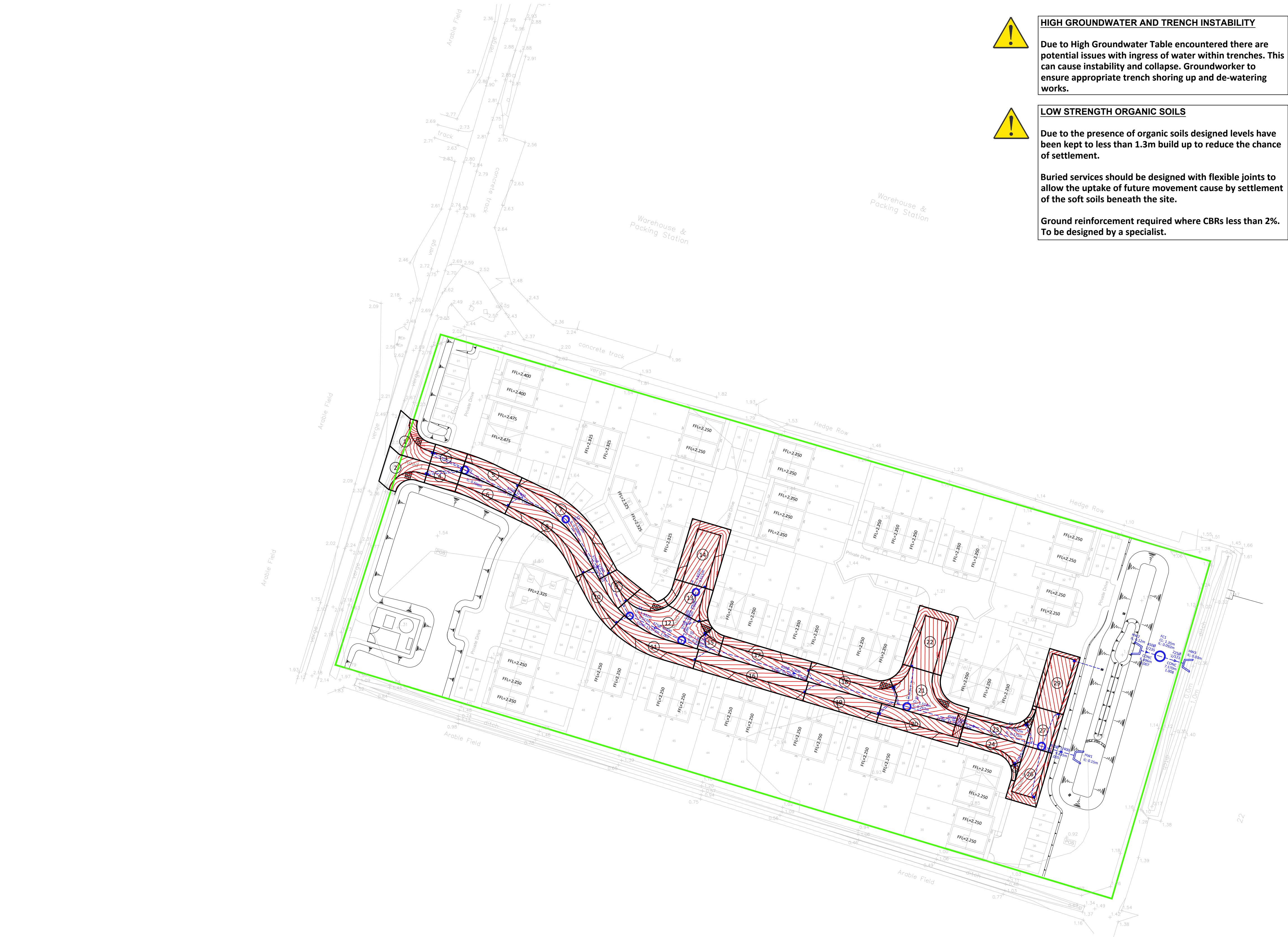




HIGH GROUNDWATER AND TRENCH INSTABILITY

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.

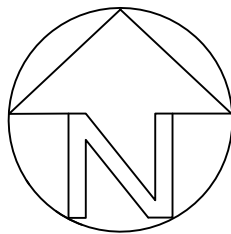


LOW STRENGTH ORGANIC SOILS

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 below)
- Adoptable Section 104 surface water and manhole
- Trapped road gully
- Proposed road contour and level
- Gully area

Gully Areas

Gully Area	Area m²
1	70
2	69
3	37
4	36
5	65
6	62
7	145
8	117
9	46
10	67
11	98
12	145
13	72
14	141
15	25
16	128
17	102
18	102
19	86
20	95
21	146
22	137
23	21
24	61
25	5
26	90
27	62
28	6
29	105

Health, safety & the environment

In accordance with the Construction (Design and Management) Regulations 2015, the designs and details 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	-
Site Layout	RGP	March 2020	100-220 Crease Drove Overlay - Model Extract 2020-03-02	03.02.20	-

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)	Not Approved

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

ALL ADOPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH LINCOLNSHIRE COUNTY COUNCIL DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION

ALL ADOPTABLE DRAINAGE WORKS TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION.

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

Drawn By:	IH	Client	L&H Homes
Chkd By:	ML	Project	Housing Development Crease Drove Crowland Gully Area Plan
Scale @ A1:	1:500	Title	
Date:	March 2020		
Status:	FOR TECHNICAL APPROVAL		
Project No.:	11557H	Drawing No:	110
		Rev:	-