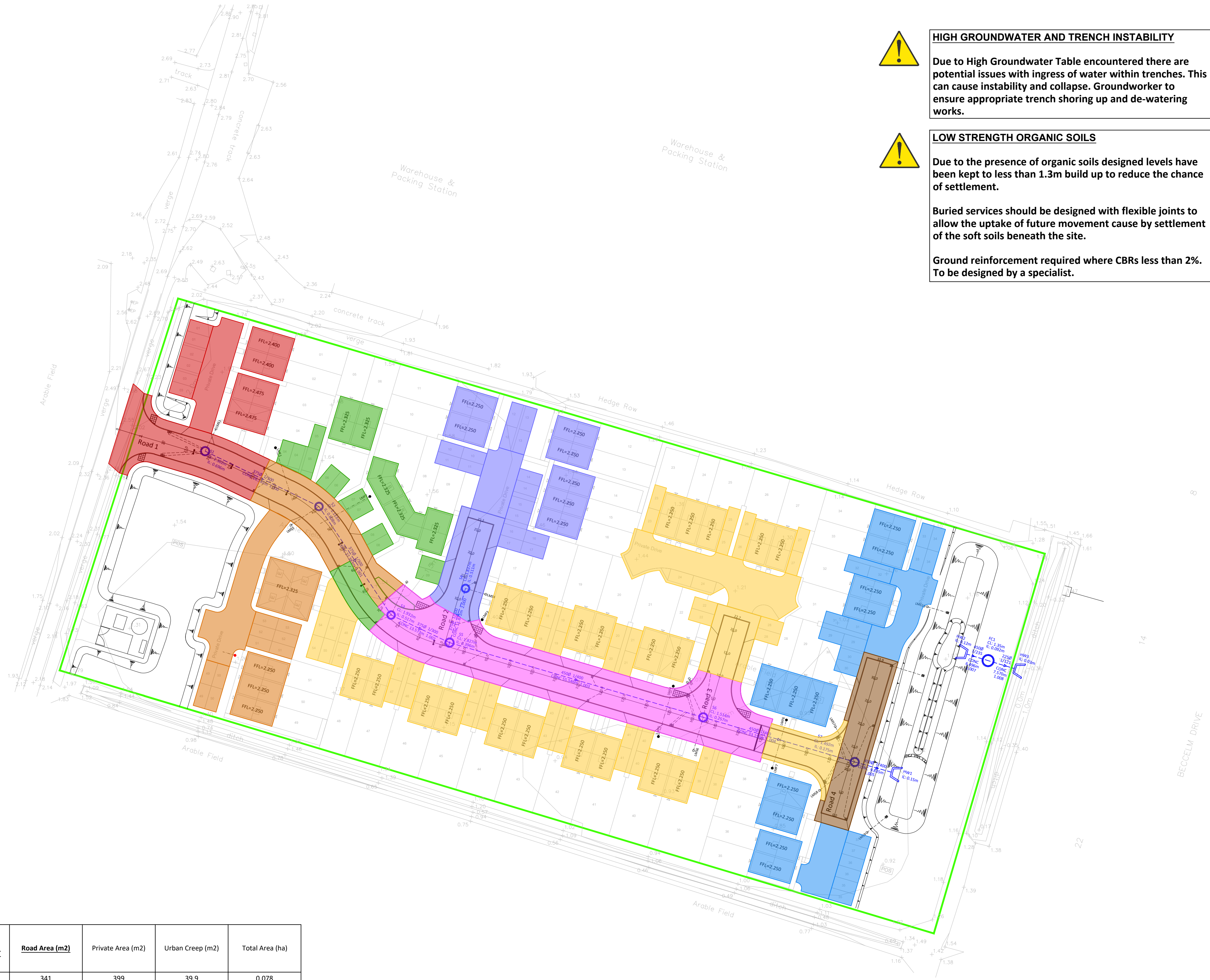




HIGH GROUNDWATER AND TRENCH INSTABILITY

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.

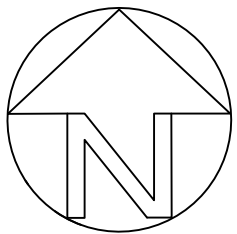


LOW STRENGTH ORGANIC SOILS

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

1. This drawing is to be used in conjunction with all relevant drawings, specifications and details.
2. All dimensions are in metres unless noted otherwise.
3. Do not scale from this drawing.

Drawing Key

- Site Boundary - Taken from site layout referenced
- Adoptable Section 104 surface water sewer with pipe diameter, gradient and manhole
- Trapped road gully
- FFL=144.300 Finished floor level

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	-
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.

Hatch	MH number	Pipe Number	Road Area (m2)	Private Area (m2)	Urban Creep (m2)	Total Area (ha)
	S1	1.000	341	399	39.9	0.078
	S2	1.001	309	575	57.5	0.094
	S3	1.002	67	394	39.4	0.050
	S4	2.000	213	625	62.5	0.090
	S5	1.003	930	0	0	0.093
	S6	1.004	273	877	87.7	0.124
	S7	1.005	0	941	94.1	0.104
	HW1	1.006	259	0	0	0.026
	HW2	1.007	0	0	0	0.000
	HW3	0	0	0	0	0.000
	FC1	1.008	0	0	0	0.000



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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 Drained Area Plan
Scale @ A1:	1:500	Title	
Date:	March 2020		
Status:	FOR TECHNICAL APPROVAL		
Project No.:	11557H	Drawing No:	109
		Rev:	-

