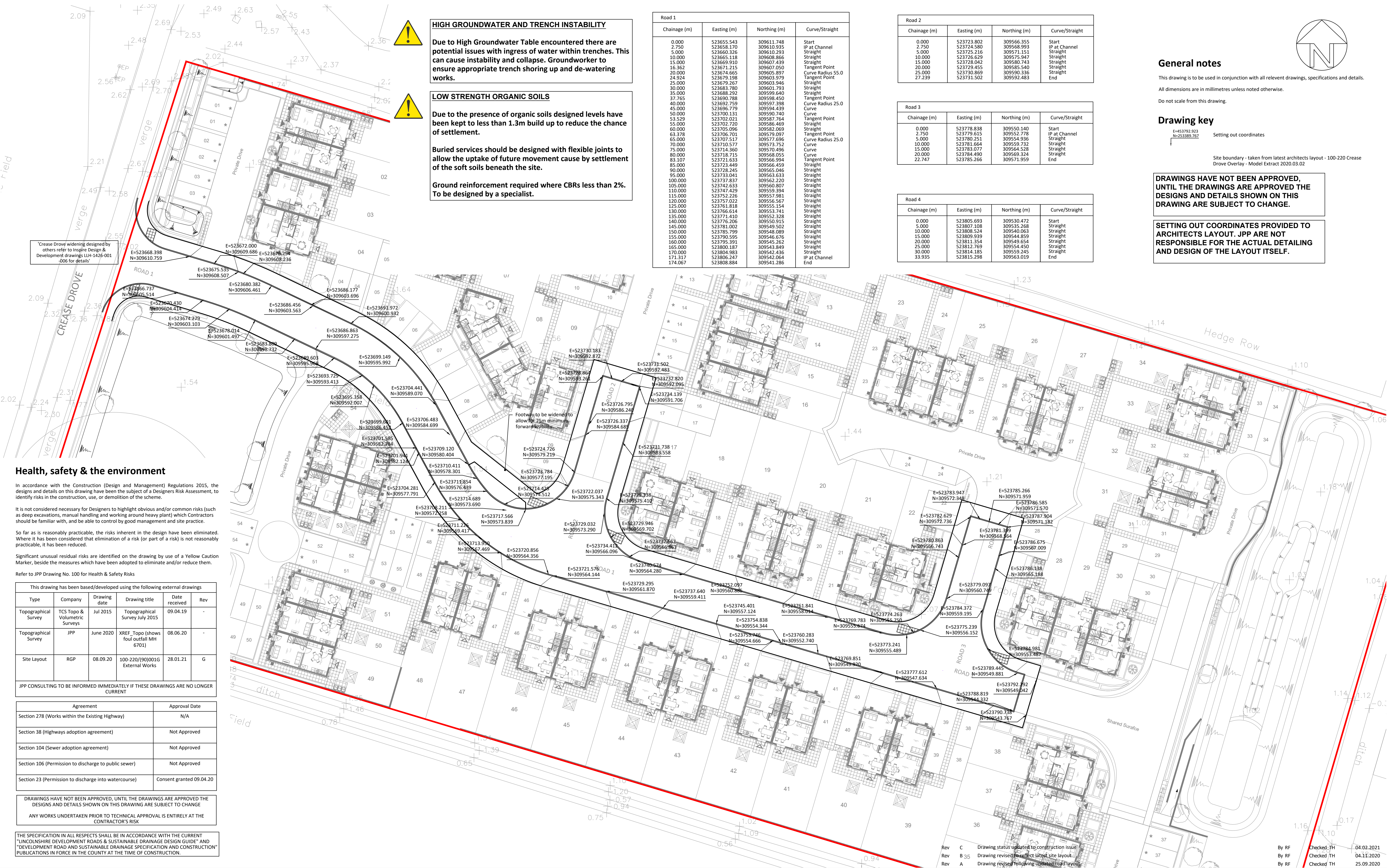




Health, safety & the environment

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	RGF	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JPP CONSULTING TO BE INFORMED IMMEDIATELY IF THESE DRAWINGS ARE NO LONGER CURRENT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 "UNCOLNSHIRE 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.

Road 1			
Chainage (m)	Easting (m)	Northing (m)	Curve/Straight
0.000	523655.543	309611.748	Start
2.750	523658.170	309610.935	IP at Channel
5.000	523660.326	309610.293	Straight
10.000	523665.118	309608.866	Straight
15.000	523669.910	309607.439	Straight
16.362	523671.215	309607.050	Tangent Point
20.000	523674.665	309605.897	Curve Radius 55.0
24.324	523679.198	309603.979	Tangent Point
25.000	523679.267	309603.946	Straight
30.000	523683.780	309601.793	Straight
35.000	523688.292	309599.640	Straight
37.765	523690.788	309598.450	Tangent Point
40.000	523692.759	309597.398	Curve Radius 25.0
45.000	523696.779	309594.439	Curve
50.000	523700.131	309590.740	Curve
53.529	523702.021	309587.764	Tangent Point
55.000	523702.720	309586.469	Straight
60.000	523705.096	309582.069	Straight
63.378	523706.701	309579.097	Tangent Point
65.000	523707.517	309577.696	Curve Radius 25.0
70.000	523710.577	309573.752	Curve
75.000	523714.360	309570.496	Curve
80.000	523718.715	309568.055	Curve
83.107	523721.633	309566.994	Tangent Point
85.000	523723.449	309566.459	Straight
90.000	523728.245	309565.046	Straight
95.000	523733.041	309563.633	Straight
100.000	523737.837	309562.220	Straight
105.000	523742.633	309560.807	Straight
110.000	523747.429	309559.394	Straight
115.000	523752.226	309557.981	Straight
120.000	523757.022	309556.567	Straight
125.000	523761.818	309555.154	Straight
130.000	523766.614	309553.741	Straight
135.000	523771.410	309552.328	Straight
140.000	523776.206	309550.915	Straight
145.000	523781.002	309549.502	Straight
150.000	523785.798	309548.089	Straight
155.000	523790.595	309546.676	Straight
160.000	523795.391	309545.262	Straight
165.000	523800.187	309543.849	Straight
170.000	523804.983	309542.436	Straight
171.317	523806.247	309542.064	IP at Channel
174.067	523808.894	309541.286	End

Road 2			
Chainage (m)	Easting (m)	Northing (m)	Curve/Straight
0.000	523723.802	309566.355	Start
2.750	523724.580	309568.993	IP at Channel
5.000	523725.216	309571.151	Straight
10.000	523726.629	309575.947	Straight
15.000	523728.042	309580.743	Straight
20.000	523729.455	309585.540	Straight
25.000	523730.869	309590.336	Straight
27.239	523731.502	309592.483	End

Road 3			
Chainage (m)	Easting (m)	Northing (m)	Curve/Straight
0.000	523778.838	309550.140	Start
2.750	523779.615	309552.778	IP at Channel
5.000	523780.251	309554.936	Straight
10.000	523781.664	309559.732	Straight
15.000	523783.077	309564.528	Straight
20.000	523784.490	309569.324	Straight
22.747	523785.266	309571.959	End

Road 4			
Chainage (m)	Easting (m)	Northing (m)	Curve/Straight
0.000	523805.693	309530.472	Start
5.000	523807.108	309535.268	Straight
10.000	523808.524	309540.063	Straight
15.000	523809.939	309544.859	Straight
20.000	523811.354	309549.654	Straight
25.000	523812.769	309554.450	Straight
30.000	523814.185	309559.245	Straight
33.935	523815.298	309561.019	End

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

E=453792.923
N=253389.767
Setting out coordinates

Site boundary - taken from latest architects layout - 100-220 Crease Drive Overlay - Model Extract 2020.03.02

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SETTING OUT COORDINATES PROVIDED TO ARCHITECTS LAYOUT. JPP ARE NOT RESPONSIBLE FOR THE ACTUAL DETAILING AND DESIGN OF THE LAYOUT ITSELF.

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4 Ironstone Way, Briarworth,
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- ☐ Milton Keynes
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E: mail@jppuk.net
W: jppuk.net

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

Drawn By:	IH	Client	Geda Construction
Chkd By:	ML	Project	Housing Development Crease Drive Crowland
Scale @ A1:	1:250	Title	Carriageway setting out
Date:	March 2020		
Status:	CONSTRUCTION		
Project No.:	11557H	Drawing No:	122

By RF	Checked TH	04.02.2021
By RF	Checked TH	04.11.2020
By RF	Checked TH	25.09.2020

