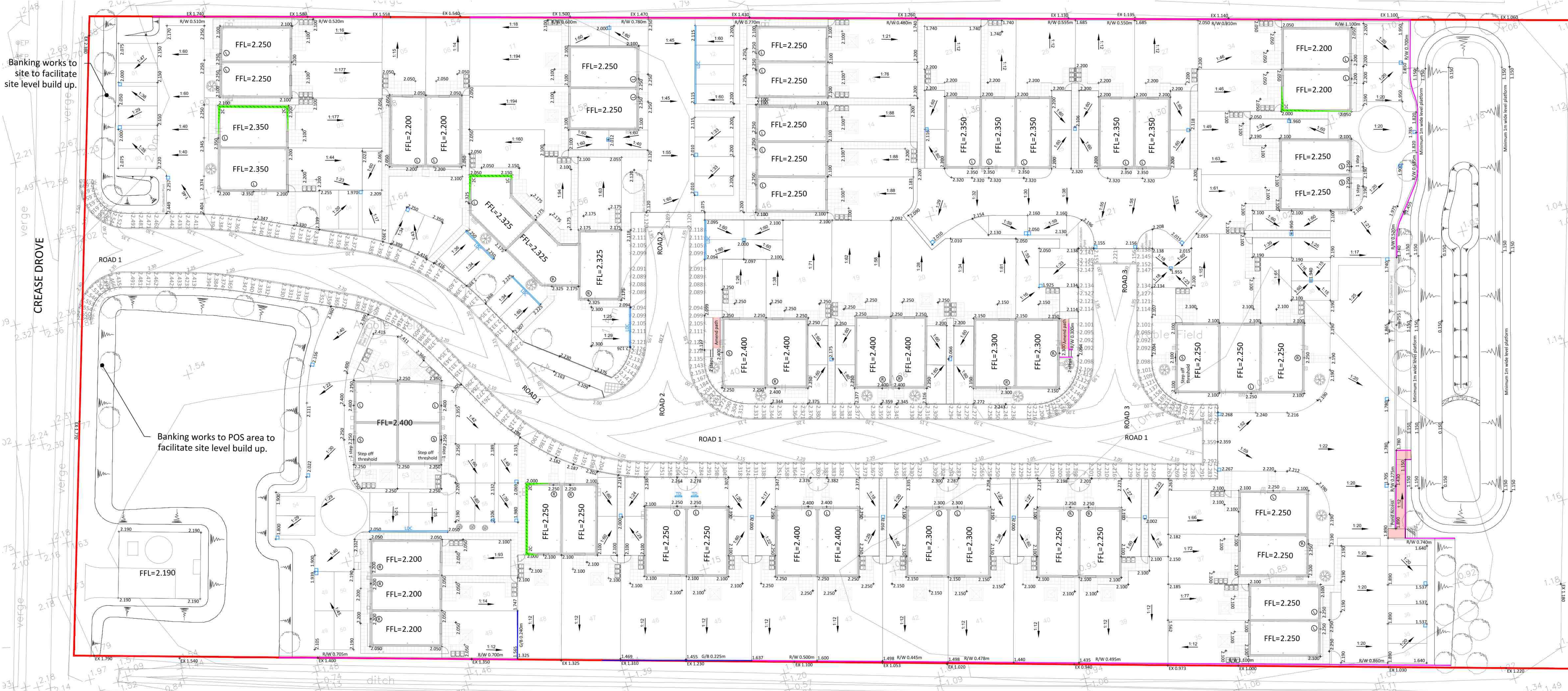




Health, safety & the environment

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]001A External Works	20.09.20	-

JPP CONSULTING TO BE INFORMED IMMEDIATELY IF THESE DRAWINGS ARE NO LONGER CURRENT

General Notes

- All dimensions are in metres unless otherwise stated.
- All levels are in metres and are in relation to Ordnance Datum
- 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.

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

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

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

Drawing key

- FFL=144.300
- 4C
- L
- S
- R
- Amend path
- 1:20
- +1.39
- 1.0m
- R/W 0.950m
- G/B 0.300m
- 2.100
- 2.200
- EX 1.325
- 2.100
- 2 Steps
- LDC
- TD
- Site boundary - taken from latest layout referenced
- Finished Floor Level
- Exposed Brickwork - starting 150mm below DPC, 4C = No. of course exposed
- Part M level access
- Part M stepped access
- Part M ramped access
- Banking works (Max 1:3)
- Front access path to be amended to route shown
- Gradient
- Existing ground level
- Existing contour
- Structural retaining wall
- Gravel board 0.3m maximum
- Proposed level
- Proposed road contour
- Existing boundary level
- Back of footway level
- Steps (max 150mm rise, min 280mm going)
- Private trapped pot gully
- Linear drainage channel
- Threshold drain

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.

- ☒ Northampton
4 Ironstone Way, Braxworth,
Northampton NN6 9UD
T: 01604 781811
- ☐ Manchester
3rd Floor, 82 King Street,
Manchester, M2 4WQ
T: 0161 6822927
- ☐ Milton Keynes
Suite 25 Unford Forum, Rockingham Drive,
Unford Wood, Milton Keynes, MK14 6LY
T: 01908 889433

E: mail@jppuk.net
W: jppuk.net

- Infrastructure Design

Structural Engineering

Planning Services
- Geotechnical & Environmental

Surveying

Professional Advice

Drawn By:	RF	Client	Geda Construction
Chkd By:	TH	Project	Housing Development Crease Drove Crowland
Scale @ A1:	1:500	Title	External Levels Layout
Date:	September 2020		
Status:	TENDER		
Project No.:	11557H	Drawing No:	113
		Rev:	

