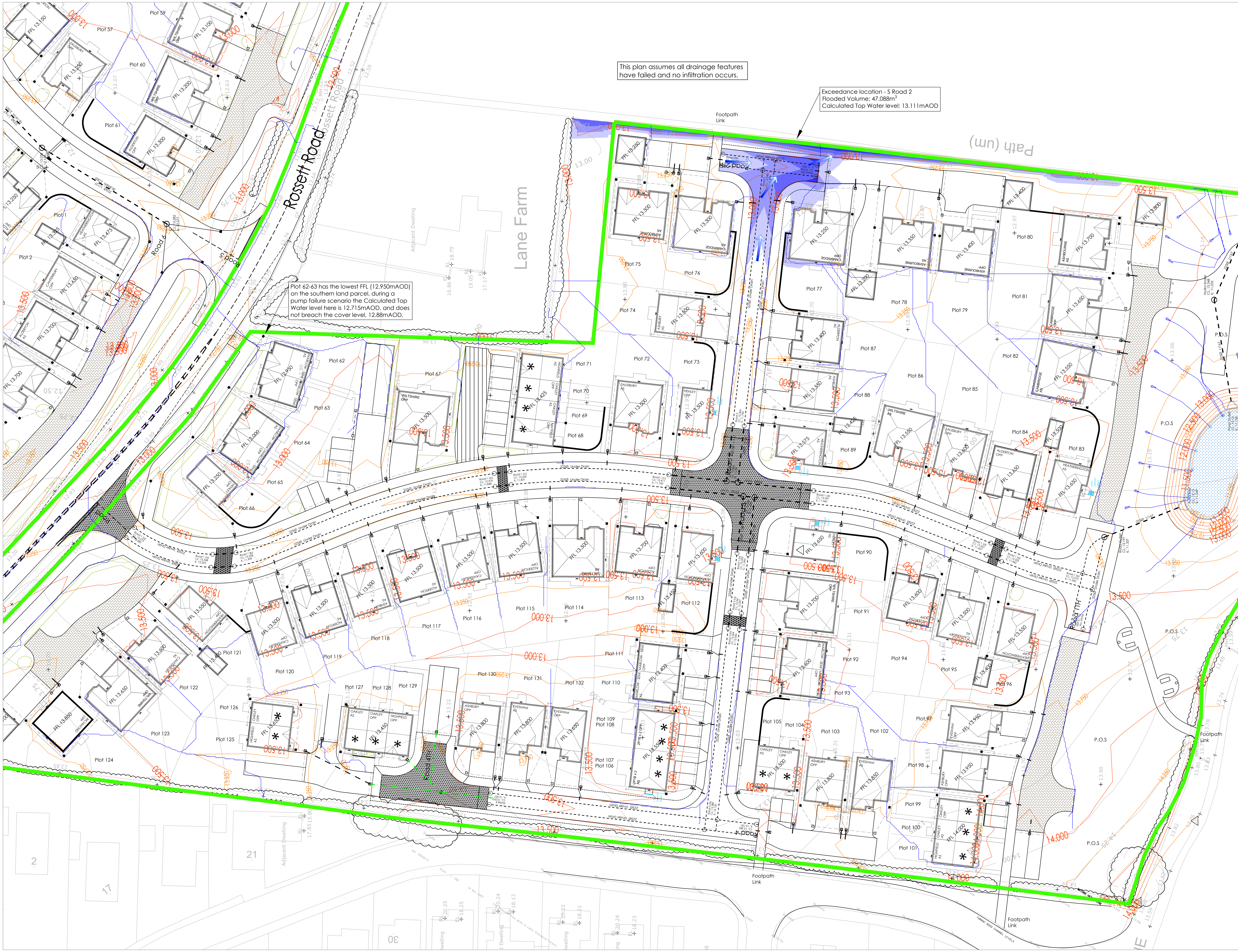

This plan assumes all drainage features have failed and no infiltration occurs.

Exceedance location - S Road 2
Flooded Volume: 47.088m^3
Calculated Top Water level: 13.111mAOD

Plot 62-63 has the lowest FFL (12.950mAOD) on the southern land parcel, during a pump failure scenario the Calculated Top Water level here is 12.715mAOD, and does not breach the cover level, 12.88mAOD.

Mark	Date	Details	By
C	28.11.23	Not added at plot 62-63	CP
B	20.11.23	Revised following comments, to be read in conjunction with Southern Parcel Blockage Results	CP
A	09.10.23	Produced following comments from SAB@Wrexham	CP

Revision history

Drawing originator:

BETTS HYDRO CONSULTING ENGINEERS
BETTS ASSOCIATES CONSULTING ENGINEERS
BETTS GEO CONSULTING ENGINEERS

Client:

Castle Green

Project title:

Rossett Road,
Rossett

Drawing title:

Southern Land Parcel
Main Drainage
Flood Exceedance Routing Plan

Scale: 1:250 for the original size of A0

Drawn by: CP | Checked by: RA | Passed by: RA | Date: Oct 2023

Drawing status:

For Information

Job No:	Project	Origin.	Volume	Level	Type	Discip.	Number	Revision:
CAS02		BET				C	106	C

Do not scale this drawing

6 -7 Old Marsh Farm Barns, Welsh Road, Sealand, Flintshire, CH5 2LY
enquiries@betts-associates.co.uk
Chester 01244 288178 | Altrincham 0161 613531