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

Exceedance location - S Road 2
Flooded Volume: 47.088m³
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.

Rossett Road

Lane Farm

Footpath Link

Footpath Link

Footpath Link

Road 1 FFL

Road 2 FFL

Adjacent Dwelling

Plot 1 Plot 2 Plot 57 Plot 59 Plot 60 Plot 61 Plot 62 Plot 63 Plot 64 Plot 65 Plot 66 Plot 67 Plot 68 Plot 69 Plot 70 Plot 71 Plot 72 Plot 73 Plot 74 Plot 75 Plot 76 Plot 77 Plot 78 Plot 79 Plot 80 Plot 81 Plot 82 Plot 83 Plot 84 Plot 85 Plot 86 Plot 87 Plot 88 Plot 89 Plot 90 Plot 91 Plot 92 Plot 93 Plot 94 Plot 95 Plot 96 Plot 97 Plot 98 Plot 99 Plot 100 Plot 101 Plot 102 Plot 103 Plot 104 Plot 105 Plot 106 Plot 107 Plot 108 Plot 109 Plot 110 Plot 111 Plot 112 Plot 113 Plot 114 Plot 115 Plot 116 Plot 117 Plot 118 Plot 119 Plot 120 Plot 121 Plot 122 Plot 123 Plot 124 Plot 125 Plot 126 Plot 127 Plot 128 Plot 129 Plot 130 Plot 131 Plot 132

P.O.S

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
Mark	Date	Details	By

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

Do not scale this drawing

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