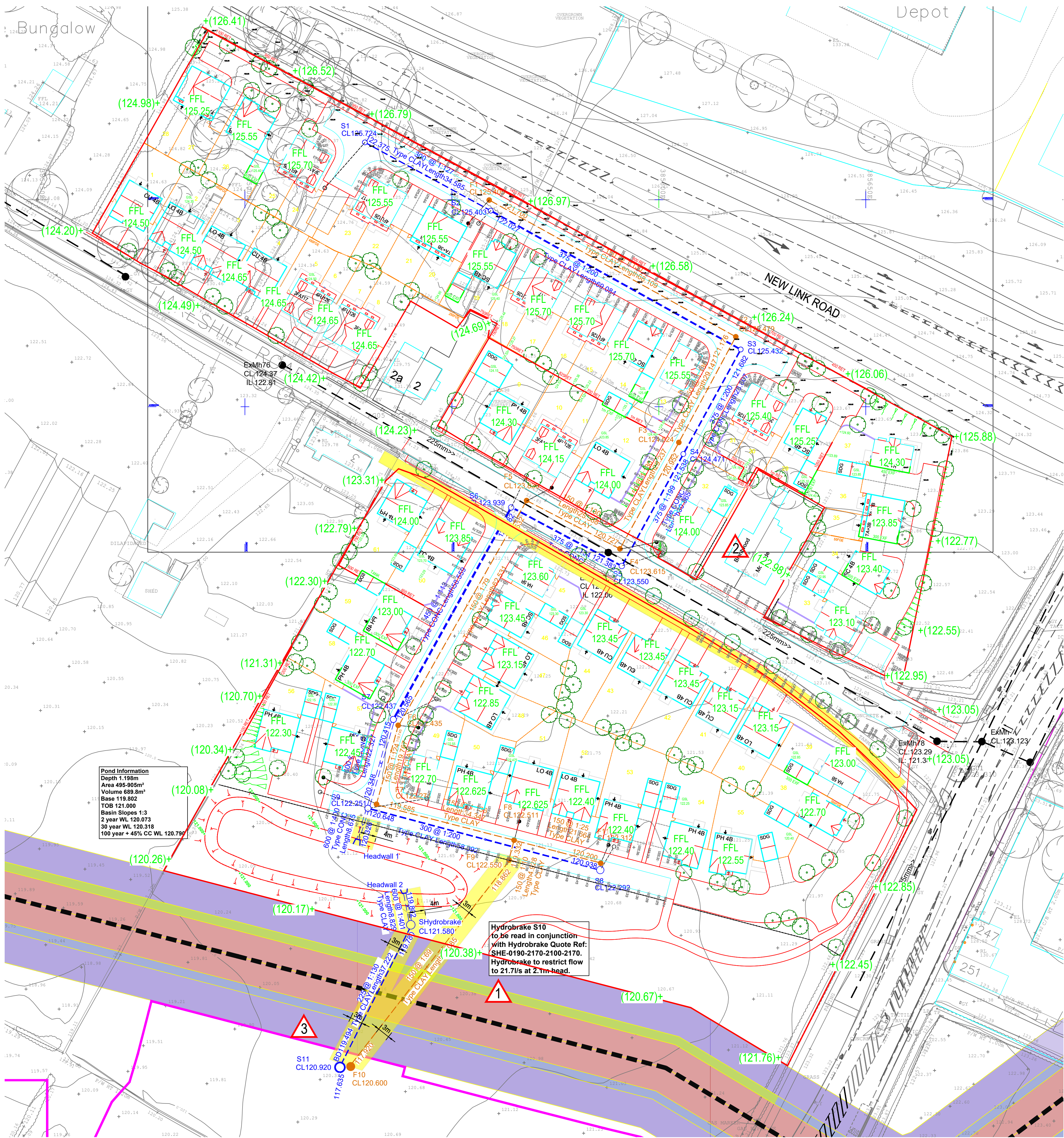


Design Information Identification	
1	Gas Main Running through POS area south of site. This Gas Main has a 15m. Foul & Surface water to drain to south of Gas main therefore works around this area will need to is very hazardous.
2	Existing plots to be drained via proposed drainage, however no FFL provided, client to ensure levels tie in to proposed site levels.
3	Exact location of existing Manholes in adjacent phase to be confirmed & manhole locations updated

Foul Water Drainage Philosophy	
•	Foul water drain to existing public sewers surrounding the site via gravity to Southern parcel, Phase 1 confirmed by client.

Surface Water Drainage Philosophy	
•	Design flow rate of 21.7l/s in line with RSK greenfield Q-bar run-off rate calculations. Surface water to be discharged via gravity to Southern parcel, Phase 1 confirmed by client.
•	All rates and points of connection utilised should be reviewed and approved by the relevant authorities.
•	Basins are designed to contain the 2 year, 30 year and 100 year + 45% CC event flood volumes.
•	Surface Water catchments allow for a 10% Urban Creep value.
•	CV value of 1.000 applied to calculations.



CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Drainage Legend:	
Proposed adoptable foul water sewer and manhole	
Proposed adoptable surface water sewer and manhole	
Proposed Drainage Easement	
Externals Legend:	
Development Boundary provided by client	
FFL 142.30	Finished Floor Level
Structural Retaining Wall	Note: Maximum garden gradient 1:20
Extra Facing Brick	Note: Maximum garden gradient 1:20
Flag on Edge	
Tanking	
Earthworks Batter	

Rev	Date	Amendment	Drawn	Chkd	Appd
P3	03.12.24	Updated to reflect Planning Layout Rev K.	SJH	JP	
P2	28.11.24	Retaining added as per client request and survey G04620 by Geographical Engineering Operations added.	DS	MAR	
P1	03.10.24	First Issue	DS	MAR	

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Client

Russell
Homes

Project Title

**South Heywood
Phase 6**

Status

APPRAISAL

Drawing Title

Engineering Appraisal

Drawn	Date	Checked	Date	Approved	Date
DS	OCT 24	MAR	OCT 24		
Scale	Orig Size	Dimensions			
1:500	A1				
Project No.		File Name			
882864		10-01			
Drawing No.		Rev.			
882864		10-01		P3	
Project No.	Orig.	Vol./Sys.	Lev./Loc.	Type	Role

