

01



**Storage Notes:**

- Total Development Site area = 1.58ha
- Approximate Discharge Rate = 5.4 l/s
- Impermeable area Incl. UC = 0.75ha
- Estimated Storage = 538-640m<sup>3</sup> (Circa 645m<sup>3</sup> required based on hydrobrake)
- Available Volume in Pond Basin with Retaining Wall = 645m<sup>3</sup>
- Confirmation required from the VOG for the wall arrangement and adoption

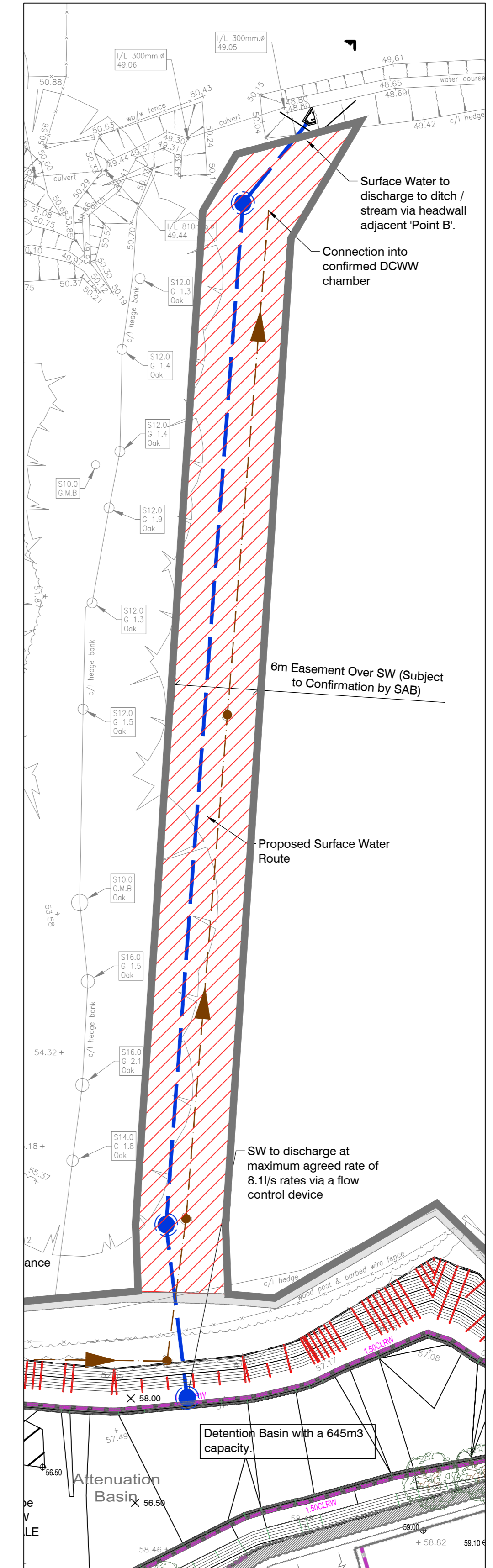
**LEGEND:-**

- Proposed Retaining Wall - Slab on edge to be considered for walls adjacent gardens / patios for heights up to 0.45m
- Proposed Basin Retaining Wall (Refer to SK200)
- Proposed Underbuild
- Proposed Tanking
- Proposed Ground Level
- Proposed Finished Floor Level
- Proposed Embankment
- Proposed Pumping Station Position
- Proposed Rising Main
- Proposed Permeable Paving (Tanked - subject to location specific infiltration tests)
- Proposed Rain Garden
- Permeable Paving Vehicle Loading
- Permeable Paving Non Vehicle loading
- Permeoid Distribution Crate
- Aquacell 250mm dia Silt Trap and Flow Control Chamber
- SAB Adoptable Filter / Carrier Drain
- Surface / Direct Surface Water Discharge
- Offsite Connection SAB and Welsh Water Easement (TBC)

**NOTES**

- Bio-retention Trenches to be provided to all plot surface water drainage
- Steps not indicated, to be considered with adjacent retaining wall also
- SUD's features indicative only and subject to discussions with VOG CC
- Permeable paving to be considered within plot driveways - privately maintained by house owner

- GENERAL NOTES**
- This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and any structural, geotechnical or other specialist document provided.
  - Any discrepancies within all relevant drawings are to be reported to QuadConsult Ltd immediately.
  - All dimensions and levels are in metres, U.N.O.
  - Do not scale from this drawing - use figured dimensions only.
  - This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.
  - Surface water drainage subject to S104 / SAB approval where appropriate with the relevant authority.
  - Foul Drainage subject to S104 approval with relevant water authority.
  - All private drainage to be installed in accordance with Part H of building regulations and the developers warranty provider.
  - The contractor is at risk if construction is progressed without relevant S104, S106, S276, S38, OWC etc agreement being in place with the relevant authorities.



Rev	Date	Description	By
1	12.25.24	Site Landscaped and engineering updated	ML
2	25.11.23	Site Landscaped, 7m House top finished to level, 10' dia amended	RWP
3	24.12.23	Final Review/CR Plan Forcing Sandy Lane	ML
4	18.02.23	Final Review/CR Plan Forcing Sandy Lane	ML
5	14.07.23	Minor amendments to POC connection	ML
6	16.02.23	Revised Engineering to amended/updated	ML
7	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
8	14.07.23	Final Review/CR Plan Forcing Sandy Lane	RWP
9	14.07.23	Final Review/CR Plan Forcing Sandy Lane	RWP
10	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
11	27.12.23	Final Review/CR Plan Forcing Sandy Lane	RWP
12	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
13	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
14	27.12.23	Final Review/CR Plan Forcing Sandy Lane	RWP
15	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
16	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
17	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
18	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
19	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP
20	12.02.23	Final Review/CR Plan Forcing Sandy Lane	RWP

Dimensions to be verified on site.  
This drawing should not be scaled. Use figured dimensions only.  
Any discrepancies should be referred to the Engineer prior to work being put in hand.  
This drawing is copyright.

QuadConsult Limited  
Columbus House, Village Way  
Coventry Business Park  
CV3 5HE  
024 7577 9644  
info@quadconsult.co.uk  
www.quadconsult.co.uk

Consulting Civil & Structural Engineers

The key is quality

**Lewis Homes**

Ystradowen  
Preliminary Engineering Appraisal

**FOR INFORMATION ONLY**

Drawn by	Checked by	Date	Scale
RWP	SM	Oct '19	1:250
Project No	Drawing No	Revision	
19351	SK101	14	

