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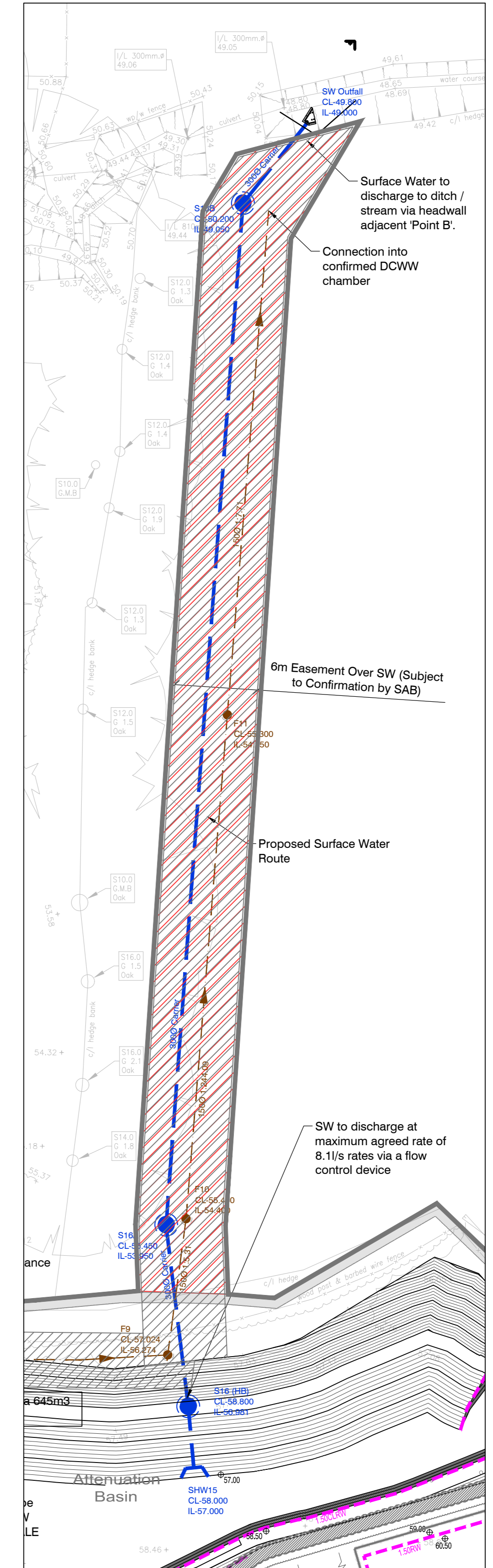
Approximate Discharge Rate = 5.4 l/s
 Impermeable area Incl. UC = 0.75ha
 Estimated Storage = 538-640m³ (Circa 645m³ required based on hydrobrake)
 Available Volume in Pond Basin with Retaining Wall = 645m³
 Confirmation required from the VOG for the wall arrangement and adoption

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 Gravel Board
- Proposed Ground Level
- Proposed Finished Floor Level
- Proposed Embankment
- Proposed Permeable Paving (Unlined)
- Proposed Permeable Paving (Lined)
- Proposed Permeable Paving (Unlined)
- Proposed Swale position
- Proposed Rain Garden and Overflow
- Permevoid Distribution Crate
- Aquacell 250mm dia Silt Trap - Adoptable
- SAB Adoptable Filter / Carrier Drain
- Offsite Connection SAB and Welsh Water Easement (TBC)
- Planter
- Proposed Impermeable Service Corridor
- Proposed Trench for SW conveyance
- Private Storm drainage

- 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**
1. 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.
 2. Any discrepancies within all relevant drawings are to be reported to QuadConsult Ltd immediately.
 3. All dimensions and levels are in metres, U.N.O.
 4. Do not scale from this drawing - use figured dimensions only.
 5. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.
 6. Surface water drainage subject to S104 / SAB approval where appropriate with the relevant authority.
 7. Foul Drainage subject to S104 approval with relevant water authority.
 8. All private drainage to be installed in accordance with Part H of building regulations and the developers warranty provider.
 9. The contractor is at risk if construction is progressed without relevant S104, S106, S276, S38, CWC etc agreement being in place with the relevant authorities.



Rev	Date	Description	By
1	14.02.24	Site Landscaped and engineering updated	ML
2	14.02.24	Site Landscaped and engineering updated	ML
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The key is quality
Lewis Homes
 Project: Ystradowen
 Title: 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	18	

