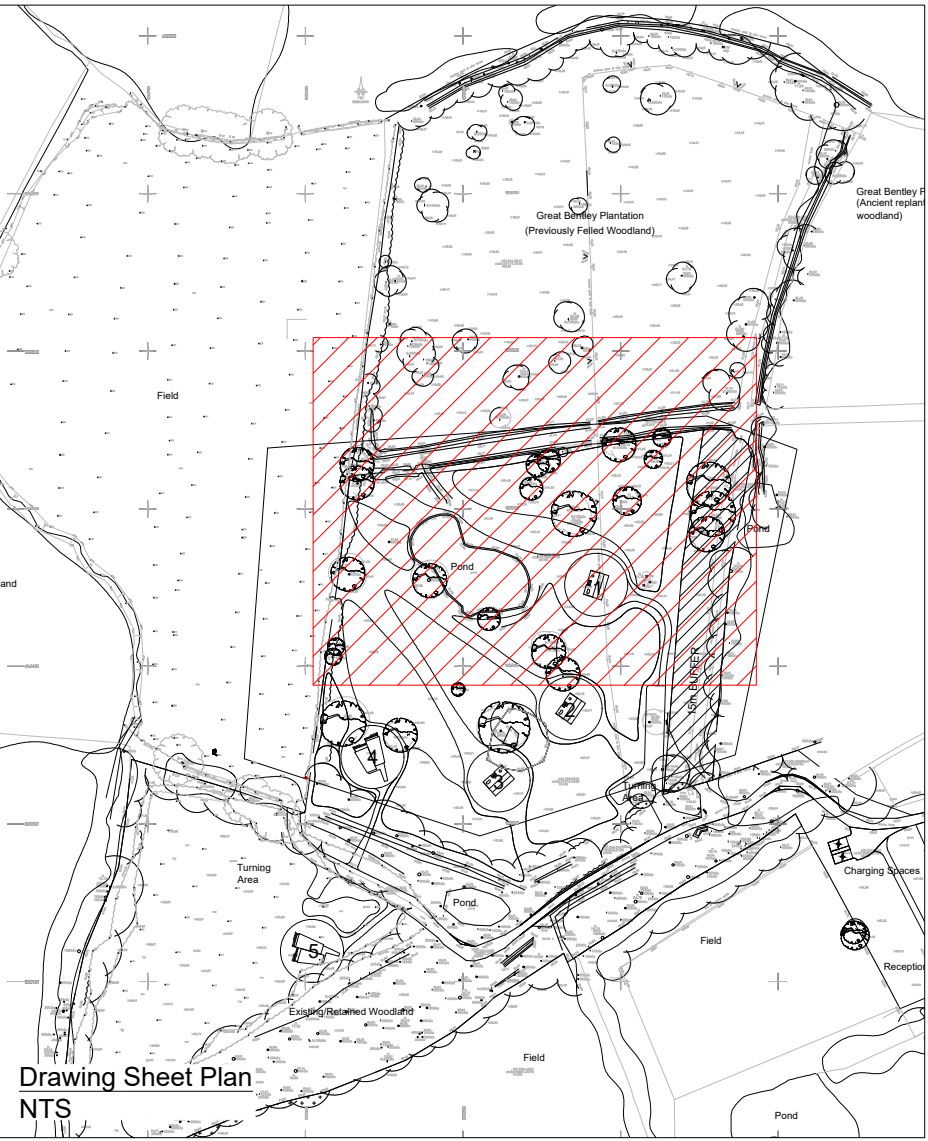
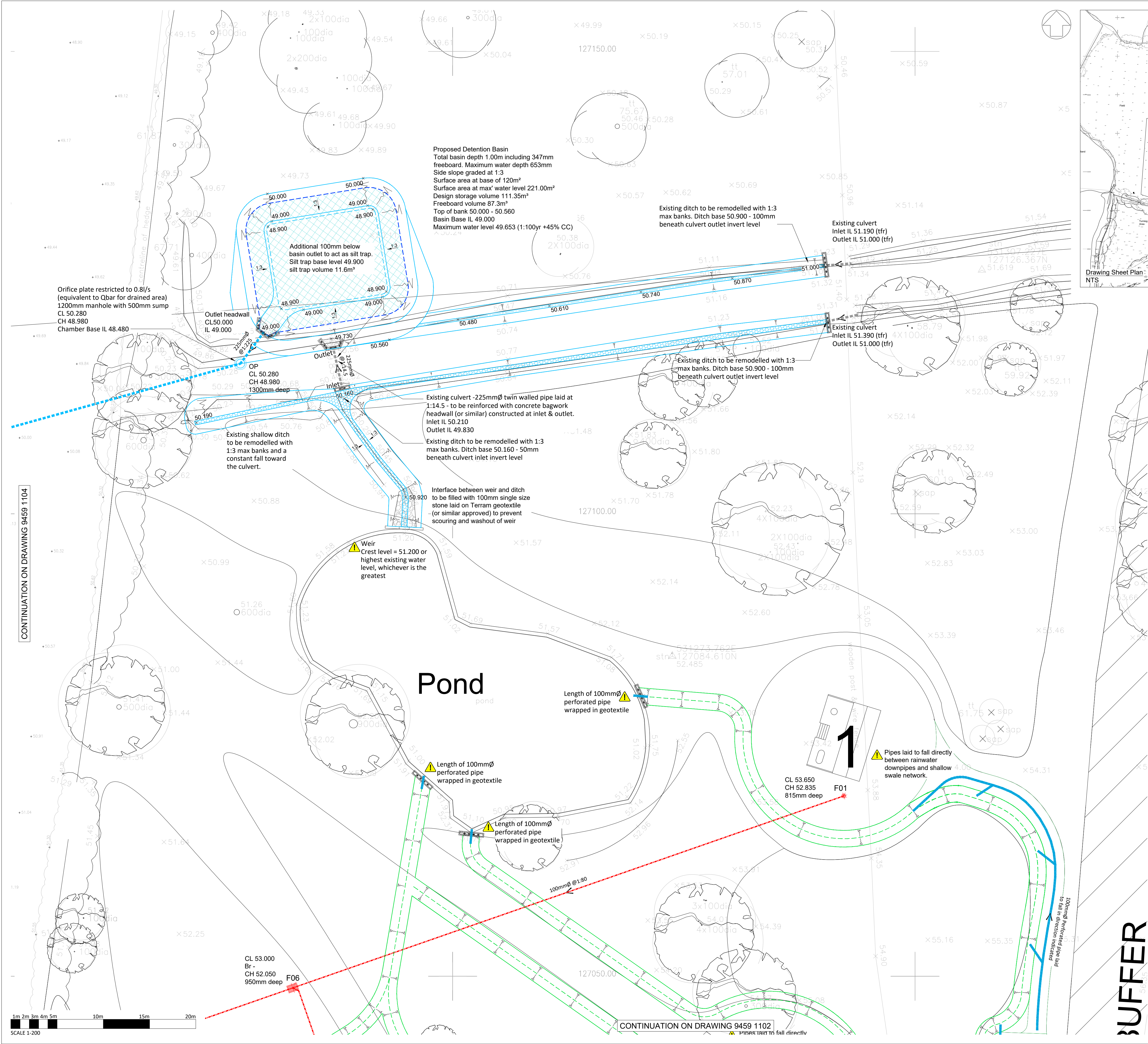




- NOTES:**
- This drawing is to be read in conjunction with all other SWP drawings, and with all relevant architect's and engineer's drawings and specification and any discrepancies found are to be reported immediately to the engineer.
  - No dimensions are to be scaled from this drawing. unless noted otherwise all dimensions are in millimeters and all levels are in metres from the site datum.
  - All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
  - The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. figured dimensions must be used for setting out and detailing. swp logos and company information must be removed from copies if information is re-used.
  - The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
  - The main contractor is responsible for all occurrences of ground water during the construction period.
  - Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care and attention whilst undertaking the works.
  - The contractor must comply with all current legislation relating to health & safety.
  - All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any swp drawings, the manufacturers instructions must be used.

Surface water discharge restricted to 0.8l/s (Qbar equivalent for drained areas) using 20mmØ orifice plate.

Groundworker responsible for recording photographic evidence of drainage installation prior to backfilling

The information shown on this drawing is **NOT FOR CONSTRUCTION.**

**COLOURED DRAWING**  
REQUEST A COLOURED COPY IF THIS STAMP IS NOT RED

| Drawing Legend         |                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surface Water Drainage |                                                                                                                                                                                                                           |
|                        | Existing surface water drainage/ culvert                                                                                                                                                                                  |
|                        | Proposed surface water drainage                                                                                                                                                                                           |
|                        | Type 1-2 precast concrete ring manhole                                                                                                                                                                                    |
|                        | Weir constructed on existing pond. Crest level to match current maximum winter water level                                                                                                                                |
|                        | Rip-rap 100mm single size stone                                                                                                                                                                                           |
|                        | Existing ditch to be re-profiled                                                                                                                                                                                          |
|                        | Headwall constructed with Deltalok bag system (or similar approved)                                                                                                                                                       |
|                        | Maximum water level in attenuation basin                                                                                                                                                                                  |
|                        | Proposed swale network to convey runoff to existing pond. Grass-lined or gravel filled with perforated pipe. Maximum depth 450mm and to be graded to follow natural topography.                                           |
|                        | Perforated pipe wrapped in geotextile. Laid with subbase of footpaths with lateral connections to discharge to swale network. Short lengths also positioned to allow flows from swale network to enter the existing pond. |
| CP                     | Proposed catchpit location                                                                                                                                                                                                |
| OP                     | Proposed orifice plate location. Discharge restricted to 0.8l/s, equivalent to Qbar for drained area                                                                                                                      |
| Foul Water Drainage    |                                                                                                                                                                                                                           |
|                        | Proposed foul water drainage                                                                                                                                                                                              |
|                        | Proposed Backdrop Connection                                                                                                                                                                                              |
|                        | Type A-B precast concrete ring manhole - circular                                                                                                                                                                         |
|                        | Type B-C inspection chamber Rigid Construction - Rectangular                                                                                                                                                              |
|                        | Type D inspection chamber Flexible Construction                                                                                                                                                                           |
|                        | Wastewater treatment plant to be specified by specialist manufacturer. Designed to accommodate foul flows for maximum occupancy and meet EA discharge requirements.                                                       |
|                        | Headwall constructed with Deltalok bag system (or similar approved)                                                                                                                                                       |

|                                                                                                                                                           |                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| PRELIMINARY                                                                                                                                               |                                                           |
|                                                                                                                                                           |                                                           |
| <b>STEPHEN WILSON PARTNERSHIP LTD</b>                                                                                                                     |                                                           |
| Chalvington Barn, Dittons Business Park, Dittons Road, POLEGATE, BN26 6HY Telephone: 01323 412020 E-mail: info@swpeast.co.uk • Website: www.swpeast.co.uk |                                                           |
| CLIENT                                                                                                                                                    | ALEX GODDARD                                              |
| ARCHITECT                                                                                                                                                 | TOM DUNN ARCHITECTS LTD                                   |
| JOB TITLE                                                                                                                                                 | BORDE HILL ESTATE HAYWARDS HEATH,                         |
| DRAWING TITLE                                                                                                                                             | PRELIMINARY SURFACE & FOUL DRAINAGE LAYOUT (SHEET 3 OF 4) |
| SCALE AT A1                                                                                                                                               | DATE DEC '24 DRAWN JWM                                    |
| 1:200                                                                                                                                                     | ENG. JWM CHECKED DMG                                      |
| RIBA STATUS                                                                                                                                               | STAGE 3 - SPATIAL COORDINATION                            |
| DRAWING STATUS S3                                                                                                                                         | DRAWING SUBMITTAL REVIEW AND COMMENT                      |
| JOB No. E9459                                                                                                                                             | DRAWING No. 9459-SWP-ZX-ZZ-DP-C-1103 REV. P01             |