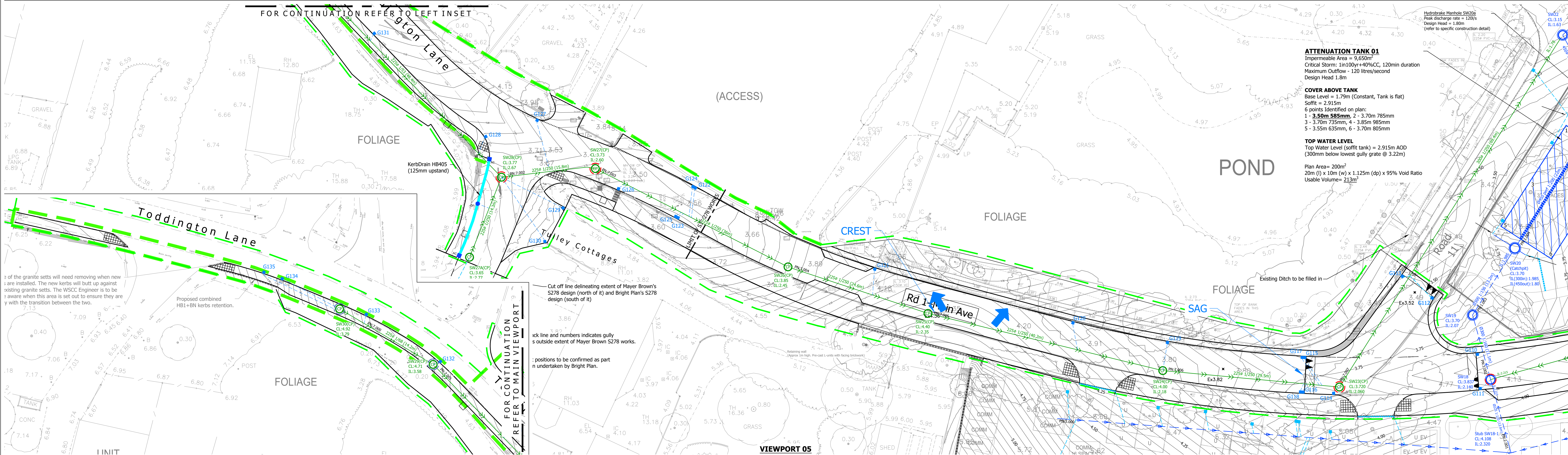
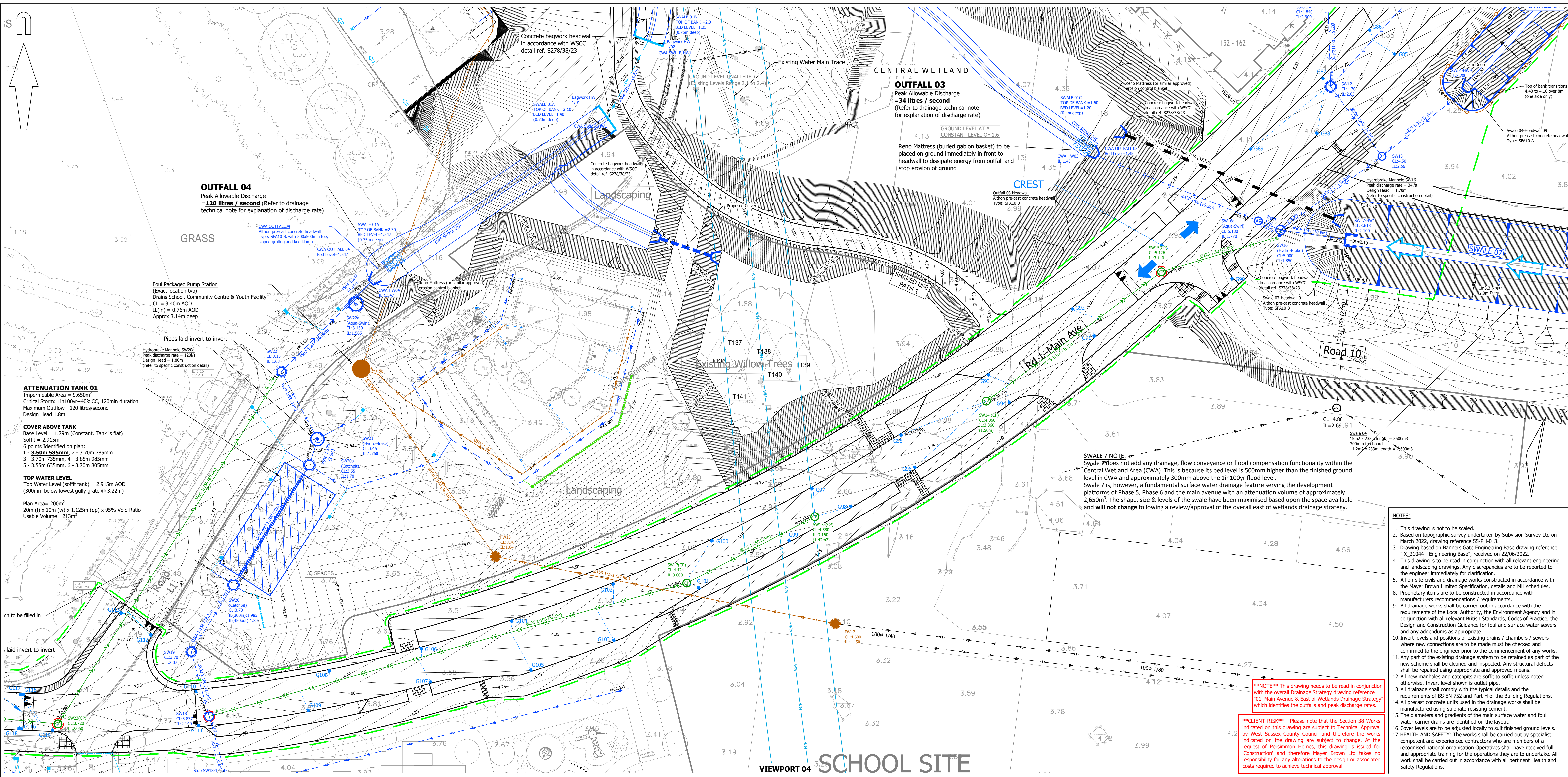


APPENDIX H: Sitewide Surface - Main Avenue Drainage Plans



A0 ORIGINAL

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KEY

- PROPOSED SURFACE WATER SEWER AND MANHOLE
- PROPOSED HIGHWAY DRAINAGE AND CATCHPIT
- PROPOSED SURFACE WATER FLOW CONTROL CHAMBER
- PROPOSED SURFACE WATER AQUA SWIRL MANHOLE
- PROPOSED FOUL WATER SEWER AND MANHOLE
- PROPOSED FOUL WATER BACKDROP MANHOLE
- PROPOSED FOUL WATER RISING MAIN
- PROPOSED FOUL WATER DRAINAGE
- EXISTING WATER MAIN TRACE
- PROPOSED ROAD GULLY AND GULLY LEAD
- PROPOSED HEADWALL
- PROPOSED ATTENUATION TANK
- PROPOSED SWALE
- PROPOSED ACC KERBSIDE H405
- PROPOSED ACC ROADDRAIN 100
- PROPOSED CONTOURS
- PROPOSED EMBANKMENT
- LIMIT OF WORKS ASSOCIATED WITH MAIN AVENUE WATER AND ROADS
- DIRECTIONAL FLOW/FALL OF PROPOSED SURFACE WATER AND ROADS
- PREMARK ANTI-SKID TREATMENT TO MANHOLE COVER

NOTES:

- This drawing is not to be scaled.
- Based on topographic survey undertaken by Subvision Survey Ltd on March 2022, drawing reference SS-PH-013.
- Drawing based on Banners Gate Engineering Base drawing reference 'X_21044 - Engineering Base', received on 22/06/2022.
- This drawing is to be read in conjunction with all relevant engineering and landscaping drawings. Any discrepancies are to be reported to the engineer immediately for clarification.
- All on-site civils and drainage works constructed in accordance with the design and construction guidance, details and MHI schedules.
- Proprietary items are to be constructed in accordance with manufacturers recommendations / requirements.
- All drainage works shall be carried out in accordance with the requirements of the Local Authority, the Environment Agency and in conjunction with all relevant British Standards, Codes of Practice, the Design and Construction Guidance for foul and surface water sewers and any addendums as appropriate.
- Invert levels and positions of existing drains / chambers / sewers where new connections are to be made must be checked and confirmed to the engineer prior to the commencement of any works.
- Any part of the existing drainage system to be retained as part of the new scheme shall be cleaned and inspected. Any structural defects shall be repaired using appropriate and approved means.
- All new manholes and catchpits are to be constructed to suit finished ground levels unless otherwise noted.
- All drainage shall comply with the typical details and the requirements of BS EN 752 and Part H of the Building Regulations.
- All precast concrete units used in the drainage works shall be manufactured using sulphate resisting cement.
- The diameters and gradients of the main surface water and foul water carrier drains are identified on the layout.
- Cover levels are to be adjusted locally to suit finished ground levels.
- HEALTH AND SAFETY: The works shall be carried out by specialist competent and experienced contractors who are members of a recognised national organisation. Operators shall have received full and appropriate training for the operations they are to undertake. All work shall be carried out in accordance with all pertinent Health and Safety Regulations.

FOR CONSTRUCTION

CD	Drawing updated following WSCC technical review comments received on 23/12/2023. (TC)	SF	23/09/24
C8 <td>Community centre area. AOC Kerbside and Road Drain added at Toddington Lane junction. Key updated. (TC)</td> <td>SF<td>07/07/23</td></td>	Community centre area. AOC Kerbside and Road Drain added at Toddington Lane junction. Key updated. (TC)	SF <td>07/07/23</td>	07/07/23
C6 <td>Revised to accommodate WSCC's comments received on 18/01/2023. 1) SW17A added & SW14 moved (signed on site and built already). 2) Gullies at Toddington Lane SW18 removed and 3 No. added. General Changes: SW27 & SW28 moved slightly (by Contractor to facilitate works, Swale 07 lowered. (TC)</td> <td>IC</td> <td>12/04/23</td>	Revised to accommodate WSCC's comments received on 18/01/2023. 1) SW17A added & SW14 moved (signed on site and built already). 2) Gullies at Toddington Lane SW18 removed and 3 No. added. General Changes: SW27 & SW28 moved slightly (by Contractor to facilitate works, Swale 07 lowered. (TC)	IC	12/04/23
C5 <td>Chambers SW16 & SW16a lowered by 400mm and pipe gradients adjusted to suit. Road levels of mainline run amended. (clouded) (TC)</td> <td>SF</td> <td>12/12/22</td>	Chambers SW16 & SW16a lowered by 400mm and pipe gradients adjusted to suit. Road levels of mainline run amended. (clouded) (TC)	SF	12/12/22
C4 <td>SW10a removed. SW14 moved north and SW17a added. SW23 to SW28 pipe amended. Gully leads updated accordingly. (clouded). (TC)</td> <td>SF</td> <td>22/11/22</td>	SW10a removed. SW14 moved north and SW17a added. SW23 to SW28 pipe amended. Gully leads updated accordingly. (clouded). (TC)	SF	22/11/22
C3 <td>Drawing revised following design meeting on 02/11/2022. Key updated. (TC)</td> <td>SF</td> <td>11/11/22</td>	Drawing revised following design meeting on 02/11/2022. Key updated. (TC)	SF	11/11/22
C2 <td>Gully spacing revised. Surface water drainage runs amended to suit higher adoptable headwalls. Foul drainage from RW1 to Pumping station amended. Key Updated. (clouded). (TC)</td> <td>IC</td> <td>26/10/22</td>	Gully spacing revised. Surface water drainage runs amended to suit higher adoptable headwalls. Foul drainage from RW1 to Pumping station amended. Key Updated. (clouded). (TC)	IC	26/10/22
C1 <td>Status changed to "For Construction". (TC)</td> <td>SF</td> <td>21/07/22</td>	Status changed to "For Construction". (TC)	SF	21/07/22
T11 <td>Drainage updated to reflect S14 sewers ownership. Banners Gate's design added. (TC)</td> <td>SF</td> <td>21/06/22</td>	Drainage updated to reflect S14 sewers ownership. Banners Gate's design added. (TC)	SF	21/06/22
T10 <td>Drainage added along existing road to pick up any surface water run-off from Toddington Lane. Manholes re-numbered, some Manholes changed to Catchpits and Aqua Swirls added. Key updated. (TC)</td> <td>IC</td> <td>11/05/22</td>	Drainage added along existing road to pick up any surface water run-off from Toddington Lane. Manholes re-numbered, some Manholes changed to Catchpits and Aqua Swirls added. Key updated. (TC)	IC	11/05/22
T9 <td>Footpath widened at the back of bus stop lay-by and extend it (as 3m) to the bus stop crossing to the north. Postman Crossing Point removed around the bus lay-by. Footpath widened. Gully positions amended following changes. (clouded). (TC)</td> <td>IC</td> <td>22/04/22</td>	Footpath widened at the back of bus stop lay-by and extend it (as 3m) to the bus stop crossing to the north. Postman Crossing Point removed around the bus lay-by. Footpath widened. Gully positions amended following changes. (clouded). (TC)	IC	22/04/22
T8 <td>Gully locations amended following removal of the Parallel crossing and addition of the Tooton crossing/bus stop lay-by. Key updated. (TC)</td> <td>IC</td> <td>24/02/22</td>	Gully locations amended following removal of the Parallel crossing and addition of the Tooton crossing/bus stop lay-by. Key updated. (TC)	IC	24/02/22
T7 <td>Drawing updated following RSCA comments received on 12/01/22 and comments from WSCC dated 08/02/22. (TC)</td> <td>IC</td> <td>24/02/22</td>	Drawing updated following RSCA comments received on 12/01/22 and comments from WSCC dated 08/02/22. (TC)	IC	24/02/22
T6 <td>Drawing and key updated following addition of parallel crossing near community centre. (IC)</td> <td>SF</td> <td>05/01/22</td>	Drawing and key updated following addition of parallel crossing near community centre. (IC)	SF	05/01/22
T5 <td>Revised Architect's layout received on 22/11/2021. Gully positions revised, gully numbers and catchment areas added.</td> <td>SF</td> <td>25/11/21</td>	Revised Architect's layout received on 22/11/2021. Gully positions revised, gully numbers and catchment areas added.	SF	25/11/21

rev.	amendment	checked	date

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client: PERSIMMON HOMES THAMES VALLEY

project: NORTH LITTLEHAMPTON EAST OF WETLANDS MAIN AVENUE & NORTHERN CROSSING

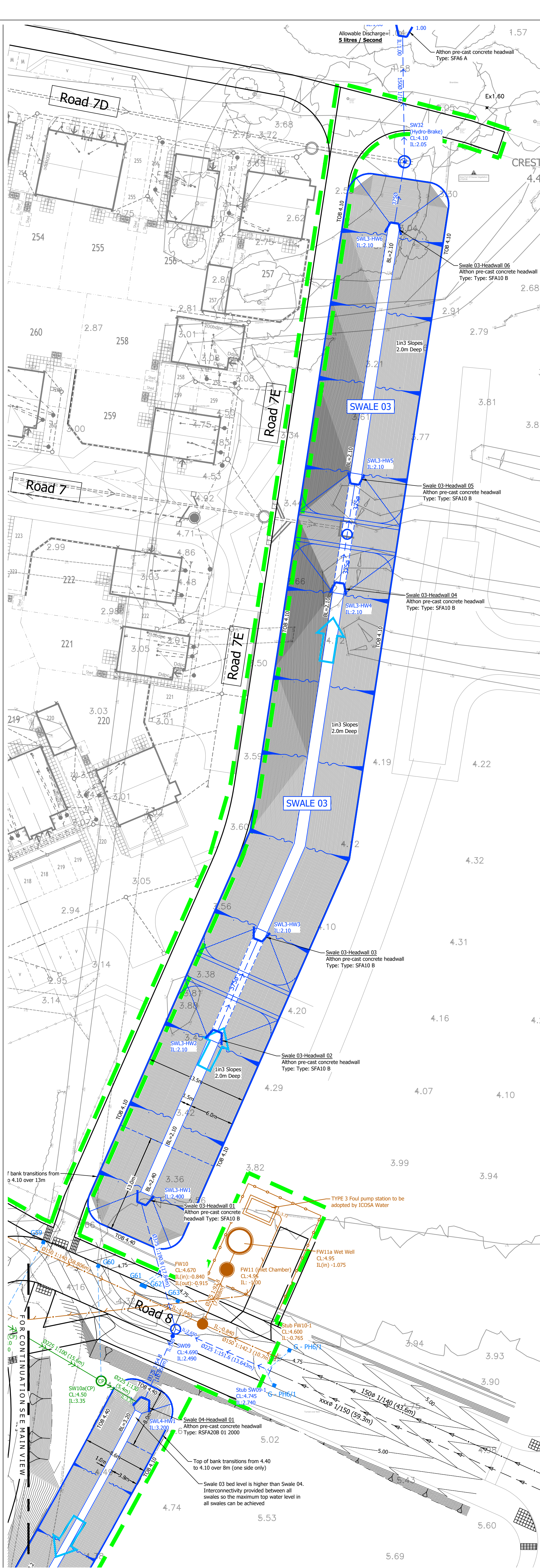
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date: OCTOBER 2019 cad file: 20.DWG

title: DRAINAGE GENERAL ARRANGEMENT DRAWING (SHEET 3 OF 3)

Mayer Brown Limited jobcode: suitability: revision: C8

drawing number: A/PHLITTLE-MAIN.1/20-3



FOR DETAILS OF S104 DRAINAGE
FOR PHASE 5 REFER TO BANNERS GATE
DRAWING REFERENCE '21044/100S104-A'

****NOTE**** This drawing needs to be read in conjunction with the overall Drainage Strategy drawing reference "01_Main Area & East of Wetlands Drainage Strategy" which identifies the outfalls and peak discharge rates.

****CLIENT RISK**** - Please note that the Section 38 Works indicated on this drawing are subject to Technical Approval by West Sussex County Council and therefore the works indicated on the drawing are subject to change. At the request of Persimmon Homes, this drawing is issued for "Consultation" and therefore Mayer Brown Ltd takes no responsibility for any alterations to the design or associated costs required to achieve technical approval.

[illegible]