IDENTIFIES RISKS DURING THE CONSTRUCTION PROCESS ON THE DRAWINGS:

NOTE: The list below and notes on the drawing identify risks which are deemed to be unusual, abnormal, residual or unexpected to a competent contractor carrying out the works. These notes relate to risks which we have been unable to design out.

None identified.

Legend

- Existing Foul\Surface Sewer\drain to be retained
- Existing Foul\Surface Sewer\Drain to be abandoned
- Channel Drain
- Road Gully
- Yard Gully
- Rodding Eye
- Foul Sewer/Drain
  Foul Rising Main
- Soil and Vent Pipe / Gully Connection
- Air Admittance Valve (durgo) / Stub Stack
- FW Type 4 Inspection Chamber (190Ø min)
- FW Type 3 Inspection Chamber (450Ø min)
- FW Type 1/2 Manhole
- Vertical/Ramped Backdrop
- Surface Water Sewer/Drain
- Rainwater Pipe
- SW Type 4 Inspection Chamber (190Ø min)
- SW Type 3 Inspection Chamber (450Ø min)
- SW Type 1/2 Manhole
- Back Inlet Gully
- Finished Floor Level
- Porous Block Paving - Tanked Formpave acting as Attenuation Tank
  Refer to Formpave Drawings for formation levels/construction and details
- SW Soakaway

Note:

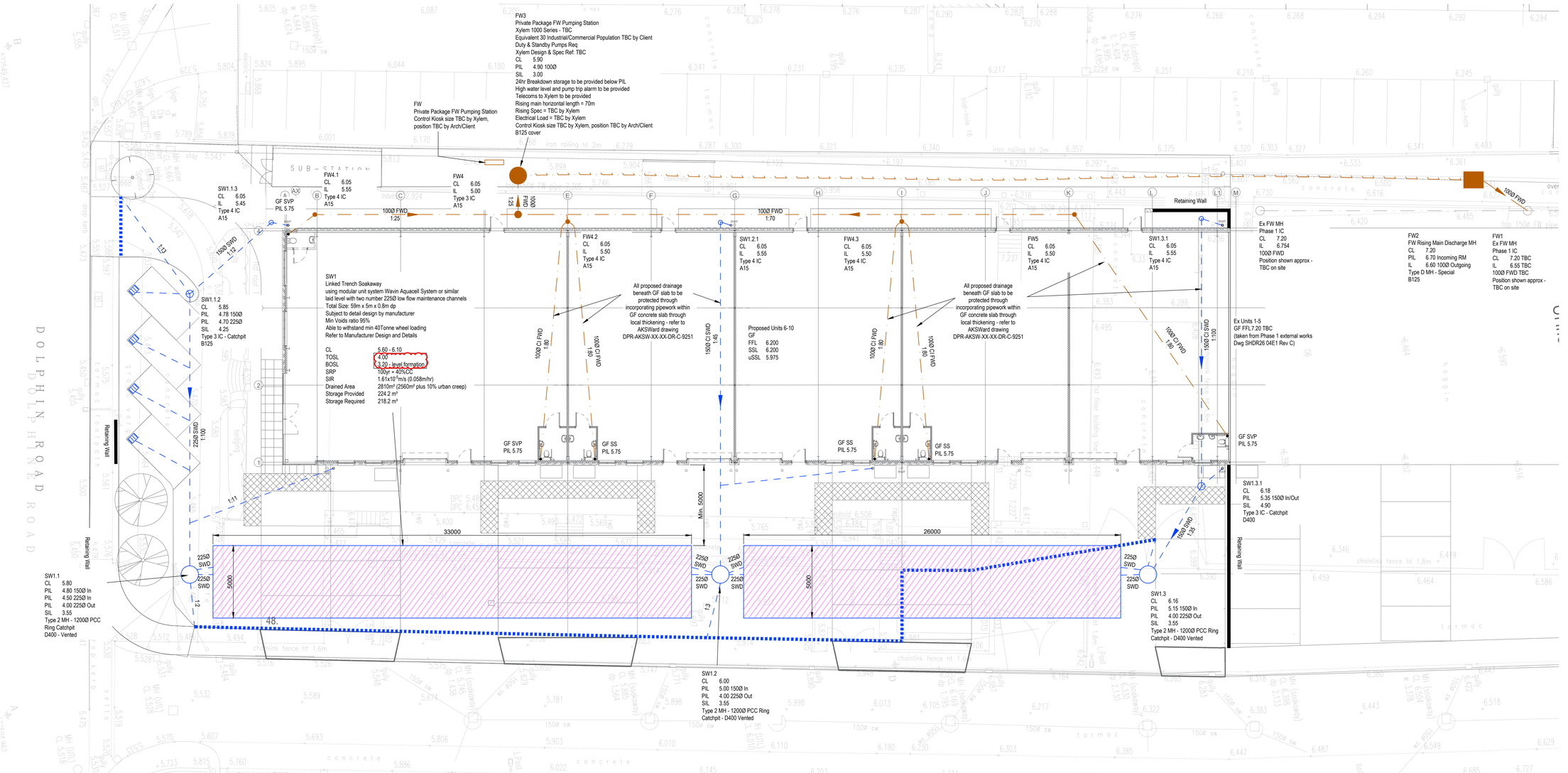
- All soil pipe and rainwater down pipe are as shown on the Architect's drawing DPR MHA 0110 T04
- Existing drainage taken from Phase 1 Dwg SHDR 26 04 E1 Rev C
- Subject to detailed design by manufacturer
- FW pumping station
- Trench soakaway (modular system)

Note:

Subject to the approval of:
- LPA/LLFA/EA
- Building control

Note:

Winter groundwater monitoring results (see G&W report no. GWPR4605 GMW) indicate a top of groundwater level of maximum 4.02m below existing ground levels to the south of the building (approx. 1.6m AOD). Bottom of soakaway level is approximately 2.4m below existing ground level (3.2m AOD) therefore leaving at least 1.6m depth clearance between the two.



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GENERAL NOTES

1. All setting out to be in accordance with the Architects drawings. Any discrepancies between the Engineers and the Architects drawings to be referred to the Architect before proceeding. Dimensions must not be scaled.
2. All drainage to be installed in accordance with relevant Building Regulations documents and Current Sewers for Adoption where applicable.
3. Connections to Public sewers to be agreed and inspected by Water Authority.
4. Invert level, size and cover levels to existing manholes and sewers to be checked prior to any construction. Any discrepancies to be reported immediately.
5. Invert to base of soil stack bends to be 450mm below lowest branch connection for up to 3 storeys buildings. For buildings up to 5 storeys the invert to base of soil stack bends should be not less than 750mm.
6. All RWP and Foul Water drain point setting out is to be confirmed by Architect.
7. All RWP & SVP sizes & setting out by Architect / M&E Engineer. All below ground connections to match above ground outlet size, Min 100/110mm diameter.
8. Foul drains to project 100mm above finished floor level.
9. All internal Manholes and Inspection Chambers to have double sealed recessed covers to suit floor finishes by Architect.
10. All external covers in footpaths and roads in non tarmac areas to have recessed trays to suit the paving material.
11. Refer to drainage specification for pipe materials.
12. All pipework to be 100/110Ø UNO. Refer to note 7 connection sizes.
13. All foul and surface water drainage stacks to have above ground rodding access, refer to above ground drainage layout by others.
14. This drawing has been produced in colour and should be reproduced in colour for clarity.
15. A CCTV Survey and report in WINCAN format for all new drainage will be required before the "As Built" drawings will be issued.

Rev.	Amendment	Drn	Chkd	Date
T05	Soakaway Levels Revised	IS	KJ	16.03.22
T04	Pipe Falls Added	IS	KJ	25.02.22
T03	SVP Connections Updated	MH	JV	06.12.21
T02	Tender Issue	MH	JV	01.12.21
T01	Tender Issue	MH	IS	29.09.21
P01	Preliminary Issue	MH	IS	17.09.21

Drg. Status **Tender** Suitability **D2**

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Client **Hargreaves**

Project **26 Dolphin Road**
Shoreham
Phase 2: Units 6-10

Title **Drainage Layout**

Reviewed Scheme JD Date 17.09.21
Reviewed Final Date
Scales at A1 NTS Project No. **S218032**

Project Ref. · Originator · Zone · Level · Type · Role · Drg No. · Rev.
DPR · AKSW · XX · XX · DR · C · 9201 · T05