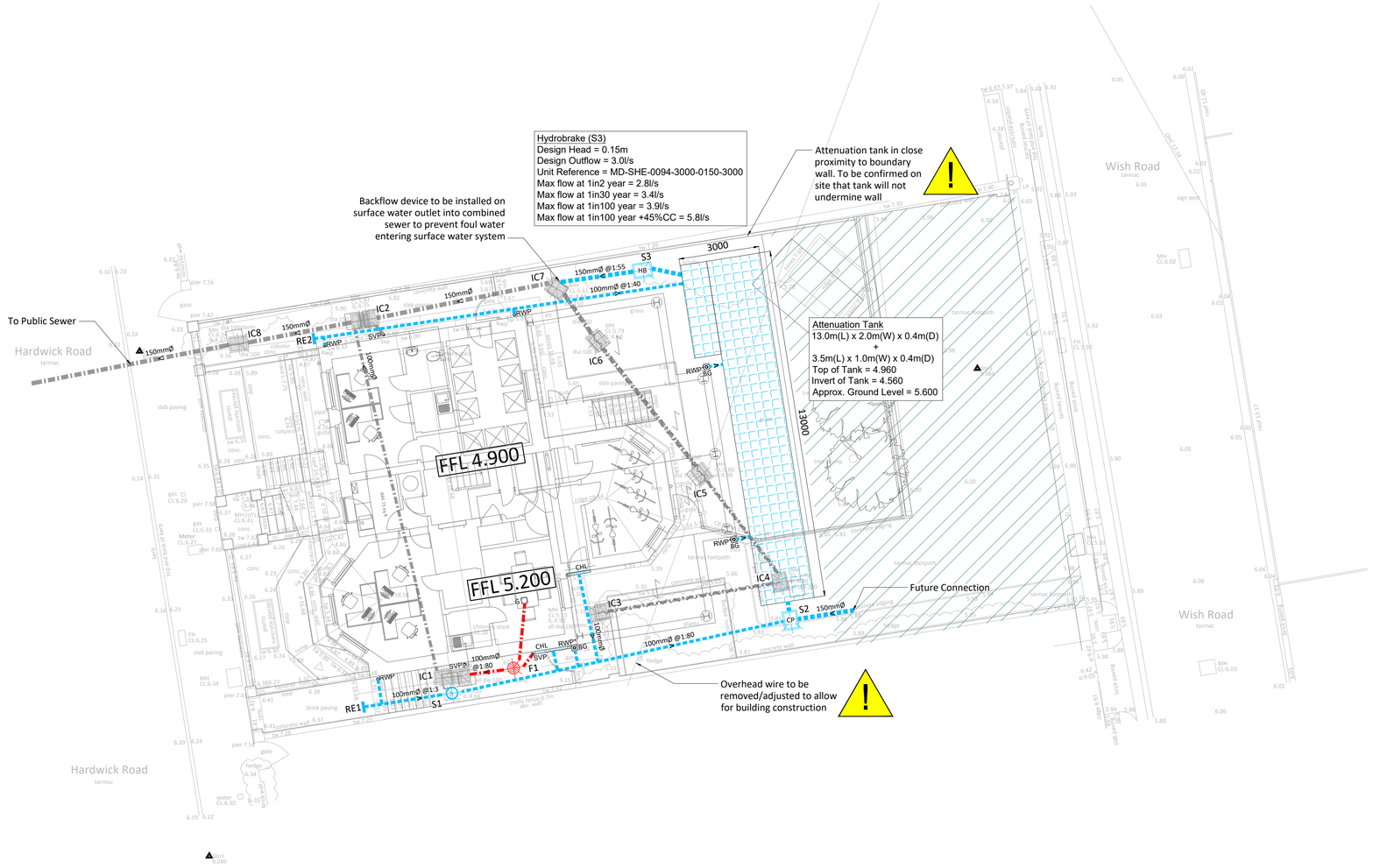


## Drawing Legend

### Surface Water Drainage

| | |
|---|---|
| | Existing Surface Water Drainage |
| | Existing Surface Water Drainage to be removed |
| | Proposed Surface Water Drainage |
| | Type D inspection chamber Flexible Construction |
| | Type D inspection chamber Rigid Construction |
| RE | Rodding Eye |
| | Geocellular attenuation tank |
| RWP RWP* | Rainwater downpipe location. * denotes discharge to gully |
| BG | Bottle Gully |
| CHL | Channel Drain |
| CP | Catchpit |
| HB | Hydrobrake by Hydro International |

### Foul Water Drainage

| | |
|---|---|
| | Existing foul/combined sewer |
| | Existing foul/combined sewer to be removed. |
| | Proposed foul water drainage |
| | Type D inspection chamber Flexible Construction |
| | Type D inspection chamber Rigid Construction |
| SVP | Soil Vent Pipe Location |
| G | Gully |

### Miscellaneous

| | |
|---|---|
| FFL 4.900 | Finished Floor Level |
| | Phase 2 development area |

NOTES:

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. The main contractor is responsible for all occurrences of ground water during the construction period.
7. 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.
8. The contractor must comply with all current legislation relating to health & safety.
9. 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.

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

All proposed drainage to be 100mmØ unless noted otherwise.

Finished Floor Level of existing building is approximate and is to be confirmed on site.

All RWP and SVP positions are to be confirmed by the Architect. Current positions are shown as indicative.

Pump may be required to drain any flood water which may enter lower ground floor. Location and details of pump in abeyance.

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**Exceedance Events**

In the event that the surface water system capacity is exceeded, it is expected for the area to flood.

The lower ground floor has been designed to be resilient to flood events. When flood events occur, the lower ground floor will flood until water levels recede.

Foul Water Manhole Schedule

| Manhole Ref | Cover Level | Depth to Invert (M) | Depth to Soffit (M) | Pipe Out Dia (mm) | Pipe Out Invert Level | Pipe In Dia (mm) | Pipe In Invert Level | Manhole Type | Manhole Size (mm) | Cover Grade | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F1 | 5.200 | 0.515 | 0.415 | 100 | 4.685 | 100 | 4.685 | PPIC | 450 | B125 | |
| | | | | | | 100 | 4.735 | | | | |

Surface Water Manhole Schedule

| Manhole Ref | Cover Level | Depth to Invert (M) | Depth to Soffit (M) | Pipe Out Dia (mm) | Pipe Out Invert Level | Pipe In Dia (mm) | Pipe In Invert Level | Manhole Type | Manhole Size (mm) | Cover Grade | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S1 | 5.320 | 0.600 | 0.500 | 100 | 4.720 | 100 | 4.720 | PPIC | 450 | B125 | |
| S2 | 5.820 | 1.255 | 1.105 | 150 | 4.565 | 150 | 4.565 | PC CONC | 600x450 | B125 | |
| | | | | | | 100 | 4.565 | | | | |
| S3 | 5.600 | 1.055 | 0.905 | 150 | 4.545 | 150 | 4.545 | PC CONC | 600x450 | B125 | Hydrobrake |

Surface Water Rodding Eye Schedule

| Manhole Ref | Cover Level | Depth to Invert (M) | Depth to Soffit (M) | Pipe Out Dia (mm) | Pipe Out Invert Level | Pipe In Dia (mm) | Pipe In Invert Level | Manhole Type | Manhole Size (mm) | Cover Grade | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RE1 | 6.370 | 0.670 | 0.570 | 100 | 5.700 | - | - | RE | 350 | B125 | |
| RE2 | 5.900 | 0.700 | 0.600 | 100 | 5.200 | - | - | RE | 350 | B125 | |

PRELIMINARY

| REV. | DATE | DESCRIPTION |
|---|---|---|
| P1 | 19.05.2023 | ARCHITECTS PLANS UPDATED |
| P- | 11.04.2023 | PRELIMINARY ISSUE |

CLIENT: BEDFORD PARK DEVELOPMENTS

ARCHITECT: GARRICK ARCHITECTS

JOB TITLE: 6 HARDWICK HOUSE, HARDWICK ROAD EASTBOURNE, BN21 4NY

DRAWING TITLE: DRAINAGE LAYOUT

SCALE AT A1: 1-100 | DATE: APRIL 2023 | DRAWN: CRS | ENG.: CRS | CHECKED: DG

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