

TOTAL VOLUME OF STORAGE REQUIRED FOR DEVELOPMENT BASED ON ALLOWABLE DISCHARGE OF 7.0 l/s IS 1137cm³ & WILL BE PROVIDED AS FOLLOWS:

SDS UNITS BELOW ACCESS ROAD TO NORTH = 190cm³

PERMEABLE PAVING TO CAR PARK TO SOUTH = 38cm³

PERMEABLE PAVING TO CAR PARK ROAD TO SOUTH = 18cm³

PERMEABLE PAVING TO CAR PARK ROAD TO SOUTH = 30cm³

PERMEABLE PAVING TO CAR PARK ROAD TO SOUTH = 18cm³

SDS UNITS BELOW PERMEABLE PAVING WITHIN CAR PARK TO SOUTH = 843cm³

TOTAL = 1137cm³

KEY

Denotes permeable paving within parking bays with SDS storage units below

Denotes permeable paving with sub-base storage

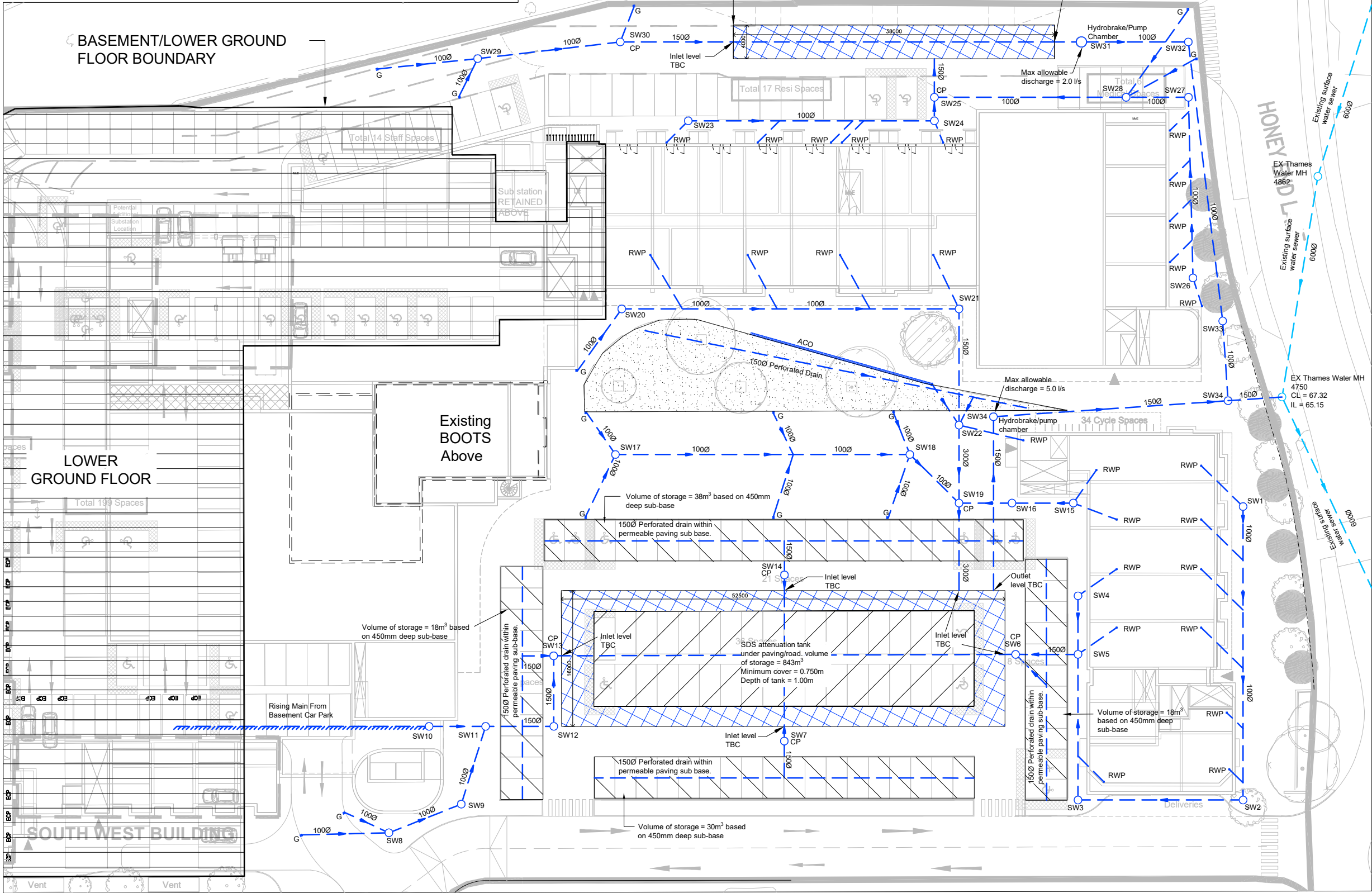
Denotes SDS storage units

Denotes Basement/Lower Ground Floor

Denotes permeable Resin bond gravel raised surface

G Denotes Road/Yard Gully

CP Denotes Catchpit



- Notes**
- GENERAL**
- This drawing is to be read in conjunction with all relevant Engineers and Architects drawings and with the Specification.
 - For setting out refer to Architects drawings.
 - All dimensions are in millimetres and levels are in metres unless noted otherwise.
 - Contractor to take all relevant dimensions on site. Any discrepancies to be advised to the Engineer.
 - Contractor to check/scan for services prior to construction to avoid any damage during works.
- DRAINAGE**
- Any information given on this drawing regarding existing services is believed to be correct. The contractor must check this information and determine the nature and location of other existing services from the various statutory authorities before commencing excavation works.
 - Drainage works to be constructed in accordance with BS EN 752 and Approved Document H
 - All soft spots and unacceptable material encountered in drainage excavations is to be removed and replaced with granular material to the requirements of the building control officer.
 - Pipes to be installed to manufacturers recommendations.
 - Pipes under buildings to be laid to a fall of 1:40 minimum unless noted otherwise.
 - Plastic plain wall pipes to be PVC-U to BS EN 1401-1, class SN4, with flexible joints, Kitemark certified. Structured wall plastic pipes to be to WIS 04-35-01, Kitemark certified
 - Clay pipes to be vitrified clay to BS EN 295-1, with flexible joints, Kitemark certified. Clayware pipes must be extra strength classification protected in accordance with the specified details.
 - Concrete pipes to be precast concrete to BS 5911-1 and BS EN 1916, with flexible joints.
 - Bedding of pipes to be in accordance with approved document H1.
 - Rocker pipes with flexible joints are to be provided at a distance of 150mm and 750mm from the face of construction to manholes, where pipes pass above, below or through ground beams or foundations; at gully connections and soil stack ends.
 - Manhole access covers are to be located at the outgoing side of manholes.
 - Cover levels are to be fixed on site to suit finished levels. Covers and frames to BS EN124, Grade D to be used in areas subject to heavy vehicular loading, Grade C in areas subject to light vehicular loading and Grade B to be used elsewhere.
 - All pipes to be 1000 unless noted otherwise.

HAZARDS LEADING TO UNUSUAL OR SIGNIFICANT RISKS DURING THE CONSTRUCTION PROCESS ARE IDENTIFIED ON THIS DRAWING AS:

NOTE: THE LIST BELOW IDENTIFIES CERTAIN RISKS WHICH ARE DEEMED TO BE UNUSUAL, ABNORMAL OR UNEXPECTED TO A COMPETENT CONTRACTOR CARRYING OUT WORK OF THIS NATURE BUT DOES NOT COVER ALL POSSIBLE SITUATIONS WHICH MAY BE ENCOUNTERED DURING THE CONSTRUCTION PROCESS. IT IS THEREFORE THE MAIN CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ANY FURTHER RISKS/HAZARDS AND TAKE APPROPRIATE ACTION.

RISKS/HAZARDS SPECIFIC TO THIS DRAWING:

PRELIMINARY - NOT FOR CONSTRUCTION

P01	Preliminary	OG	PP	PP	05.06.19
Rev.	Amendment	Drm.	Chkd.	Appd.	Date
Project					
Meadway Precinct, Honey End Lane Tilehurst, Reading					
Drawing					

Drainage Scheme

Client
Chillingham LTD

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Scale at A1 - 1:500

L01441-SWH-ZZ-XX-DR-D-0200 P01

Project | Originator | Zone | Level | Type | Role | Number | Rev.

DO NOT SCALE FROM THIS DRAWING