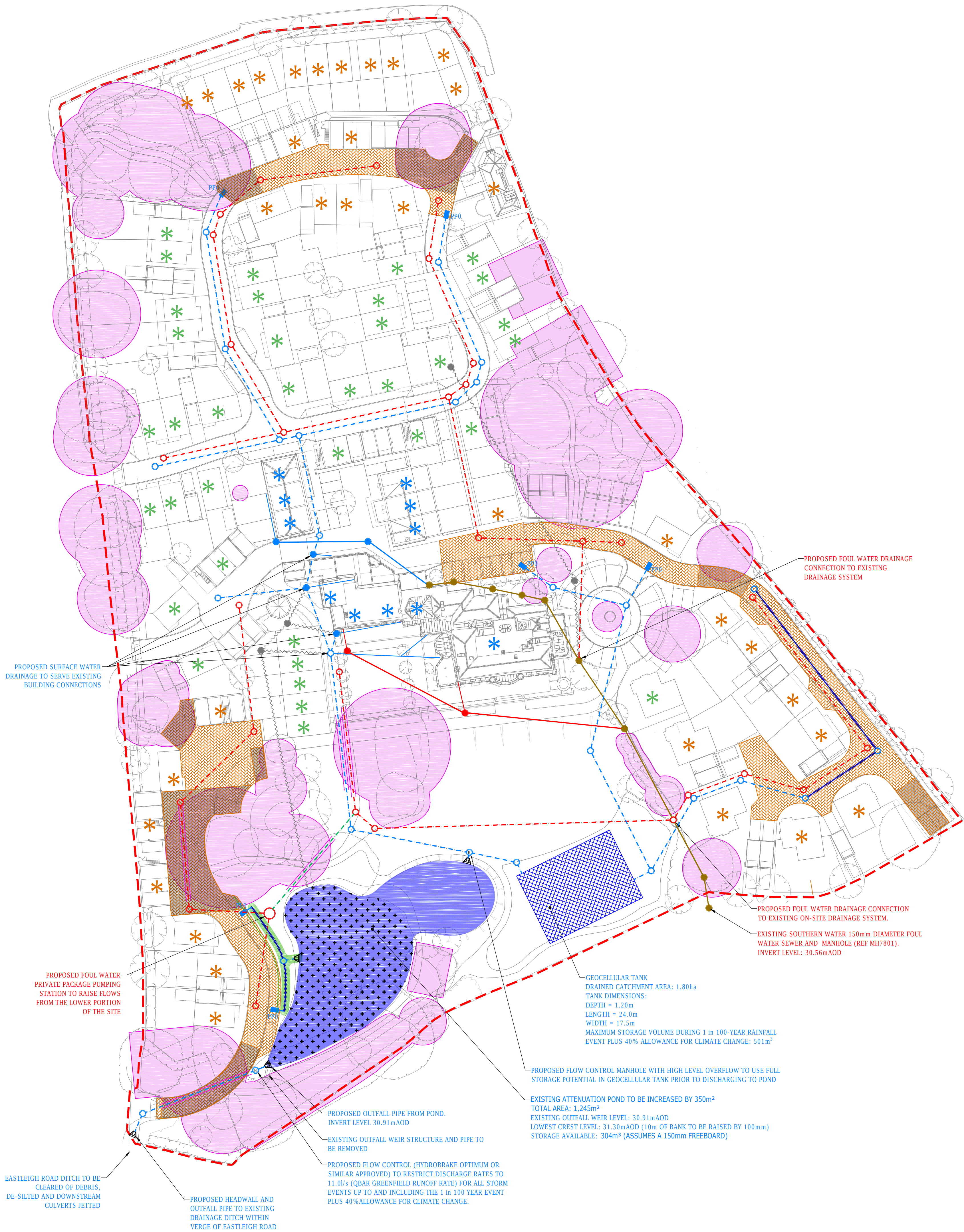




1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
2. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
3. ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
4. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS.
5. BASE LAYOUT REPRODUCED FROM TERENCE O'DRUIDE PROPOSED MASTERPLAN DRAWING 245001-SK061/0.R.
6. RE-USE OF EXISTING DRAINAGE SYSTEMS SUBJECT TO CONDITION SURVEY.
7. DRAINAGE TO PRIVATE RESIDENCES TO BE CONFIRMED DURING THE DETAILED DESIGN STAGE.
8. PERMEABLE PAVING SUB-BASE DEPTH OF 200mm in 'REDUCED-DIG' ROOF PROTECTION AREAS, OTHERWISE 550mm.
9. SURFACE WATER STORAGE PROVISION AS FOLLOWS:
TOTAL VOLUME PERMEABLE PAVING = 345.0m³
TOTAL VOLUME GEOTEK TANK = 501.0m³
TOTAL VOLUME ATTENUATION BASIN = 304.0m³
TOTAL STORAGE OF **1150m³** TO ACCOUNT FOR 1:100 YEAR STORM EVENT + 40% CLIMATE CHANGE ALLOWANCE.

	SITE BOUNDARY
	EXISTING SURFACE WATER SEWER AND MANHOLE
	PROPOSED SURFACE WATER SEWER AND MANHOLE
	PROPOSED PERFORATED SURFACE WATER PIPE
	EXISTING FOUL WATER SEWER AND MANHOLE
	PROPOSED FOUL WATER SEWER AND MANHOLE
	PROPOSED FOUL WATER RISING MAIN
	TRENCHLESS CONSTRUCTION WITHIN ROOT PROTECTION ZONE (RPZ)
	EXISTING COMBINED SEWER AND MANHOLE
	EXISTING DRAINAGE TO BE REMOVED (OR ABANDONED WITHIN ROOT PROTECTION ZONES)
	PROPOSED UNDER-DRAINED GRASS SWALE
	PROPOSED PERMEABLE PAVING OUTLET
	PROPOSED FLOW CONTROL MANHOLE (HYDROBRAKE OR SIMILAR)
	PROPOSED PERMEABLE BLOCK PAVING NOMINAL AREA: 1779m ² SUB-BASE DEPTH: 550mm
	PROPOSED REDUCED-DIG CONSTRUCTION NOMINAL AREA: 675m ² SUB-BASE DEPTH: 200mm (WITH CELLWEB)
	PROPOSED GEOCELLULAR TANK
	EXISTING POND
	PROPOSED EXTENSION TO EXISTING POND
	PROPOSED HEADWALL
	ROOT PROTECTION ZONE (RPZ) FOR EXISTING TREES
	DWELLING TO DISCHARGE SURFACE WATER TO EXISTING DRAINAGE SYSTEM
	DWELLING TO DISCHARGE SURFACE WATER TO ADJACENT PROPOSED PERMEABLE PAVING VIA DIFFUSER UNIT
	DWELLING TO DISCHARGE SURFACE WATER TO ADJACENT PROPOSED BELOW GROUND DRAINAGE SYSTEM

FOR INFORMATION
ONLY

B	ATTENUATION STORAGE VOLUMES UPDATED	HB	HB	SJH	31.07.17
A	SITE PLAN AND PROPOSALS UPDATED	JC	JC	SJH	19.07.17
REV	AMENDMENTS	DRN	CHK	APP	DATE



smas* worksafe consultant
www.smasitd.com
sponsored by
SSIP SAFETY
SOLUTIONS IN
PROFESSION

Suite 207
One Alie Street
London
E1 8DF



Tel: 020 7680 4088
Fax: 020 7488 3736

Web: www.ardent-ce.co.uk
E-mail: enquiries@ardent-ce.co.uk

THE SNELL & WILCOX
LIMITED PENSION PLAN

TITLE: **SOUTHLEIGH PARK HOUSE,
HAVANT**

DRAWING TITLE:

**PRELIMINARY SURFACE AND FOUL
WATER DRAINAGE**

SCALE: 1:500 @ A1	DATE: 24/04/2017	DESIGNED: HMB
DRAWN: HMB	CHECKED: JEC	APPROVED: SJH
DRAWING NO. 160720-100		REV: B