INDICATIVE ONLY

PRIVATE DRAINAGE KEY:

STORM DRAINAGE MANHOLE

CELLULAR STORAGE

REFER TO PEP DWG No. 451816 1205 FOR OVERALL SITE PLAN.

REFER TO PEP DWG No. 451816 1216 FOR ON SITE STORM DRAINAGE LAYOUT.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH PEP DWG No.'s 451816 1205, 1207 & 1208.

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DETAILS, DRAWINGS, SPECIFICATIONS, REPORTS AND OTHER DOCUMENTS ISSUED BY THE ARCHITECT AND OTHER DESIGN TEAM MEMBERS.
2. REPORT ANY DISCREPANCIES IMMEDIATELY AND AWAIT FURTHER INSTRUCTIONS BEFORE PROCEEDING WITH ANY ASSOCIATED CONSTRUCTION WORKS. IF A DETAIL APPEARS UNCLEAR, OR THERE IS ANY DOUBT, THEN CONTACT PEP FOR FURTHER ADVICE.
3. CONTRACTORS ARE NOT TO WORK TO THIS DRAWING UNLESS IT IS AT 'FOR CONSTRUCTION' STATUS, AS THE DESIGN MAY NOT HAVE BEEN FINALISED.
4. DO NOT SCALE FROM THIS DRAWING. WORK TO GIVEN DIMENSIONS ONLY.

PERMEABLE PAVED ROAD:

DRAINED IMPERMEABLE AREA: 1220m²

STORAGE VOLUME V_{TOT} = 66.25m³

CELLULAR CRATE STORAGE:

DRAINED IMPERMEABLE AREA: 1560m² (ROOFS ONLY)

STORAGE VOLUME VTOT = 112m³

2l/s OUTFLOW WITH HYDROBRAKE FLOW CONTROL.

STORM MANHOLE SCHEDULE

MANHOLE REF.	COVER LEVEL	INVERT LEVEL	DEPTH	MANHOLE CONSTRUCTION	BS EN124 COVER CLASS	COVER SIZE	COMMENTS
SMH34	60.150	PIPE IL=57.950 CHAMBER IL=T.B.C.	T.B.C.	1200ø PRECAST CONCRETE RINGS	D400	600x600	HYDROBRAKE CHAMBER LIMITING FLOW TO 2 l/s. SUPPLIER TO COMFIRM REQUIRED CHAMBER DEPTH.
SMH50	60.150	57.870	2280	1200ø PRECAST CONCRETE RINGS	D400	600x600	
SMH51	59.850	57.585	2265	1200ø PRECAST CONCRETE RINGS	B125	600x600	
SMH52	59.740	57.305	2435	1200ø PRECAST CONCRETE RINGS	B125	600x600	
SMH53	59.130	56.695	2435	1200ø PRECAST CONCRETE RINGS	B125	600x600	
SMH54	58.900	56.470	2430	1200ø PRECAST CONCRETE RINGS	B125	600x600	
SMH55	56.450	54.810	1640	1200ø PRECAST CONCRETE RINGS	B125	600x600	
SMH56	54.830	PIPE IL=53.695 CHAMBER IL=53.095	1735	1200ø PRECAST CONCRETE RINGS	B125	600x600	CATCHPIT MANHOLE WITH 600mm SUMP

SMH34
CL = 60.150
IL = 57.950

150Ø 1:100 8m

SMH50
CL = 60.150
IL = 57.870

150Ø 1:100 28.6m

NEW STORM PIPE RUN LAID UNDER LOCATION OF EXISTING STABLE.

SMH51
CL = 59.850
IL = 57.585

150Ø 1:100 29.2m

NEW STORM PIPE RUN SET OUTSIDE EXISTING TREE LINE.

SMH52
CL = 59.740
IL = 57.305

150Ø 1:100 61.2m

DRAINAGE OUTFALL PROPOSALS ARE SUBJECT TO AGREEMENT WITH THE L.L.F.A. AND I.D.B. CHANGES MAY BE REQUIRED FOLLOWING THEIR INPUT.

REV	BY	CHK	AMENDMENTS	DATE
P01.2	PG	GR	STORM DRAINAGE REVISED BETWEEN MANHOLE SMH34 - SMH55 TO SUIT ON SITE DRAINAGE ALTERATIONS.	07.02.18

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Jarvis
Homes of Distinction

PROJECT
ICKLEFORD MANOR
TURNPIKE LANE
ICKLEFORD, HERTFORDSHIRE

TITLE
STORM DRAINAGE OUTFALL TO WATERCOURSE

SHEET 2 of 3

DRAWN	CHECKED	APPROVED
GR	GR	GR
SCALE	ORIGINAL PAPER SIZE	FIRST ISSUE DATE
1:250	A1	26.01.2018

PROJECT	ORIGINATOR	VOLUME	LEVEL	TYPE	ROLE	NUMBER
451816	PEP	00	XX	DR	D	1206

STATUS	SUITABILITY DESCRIPTION
D2	SUITABLE FOR TENDER

REVISION	REVISION DESCRIPTION	PEP PROJECT REF.
P01.2	PRELIMINARY	451816

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