

Site Boundary
 Existing Foul Water Sewers
 Proposed SW Catchment Areas
 Proposed Surface Water Sewers
 Proposed Foul Water Sewers
 Proposed foul pumping main
 Proposed surface water control chamber
 Proposed headwall
 3m Watercourse buffer zone

Development Area (ha):	3.00
Impermeable Area 60% (ha):	1.80
Detention Feature:	Pond 3

Downstream Control:	Hydrobrake
Total Storage Volume (m3):	1,423
Min top of bank level:	5.0mAOD
Bed Level:	3.7mAOD
Side Slopes:	1 in 4
Discharge rate (litres/sec):	6.30 (Qbar)
Outfall:	Watercourse

FW PS 1
CL 6.00m AOD
IL 1.33m AOD
95 Dwellings
Emergency Storage Requirement:
TBC cu m
Emergency Storage Proposal: 15.2 cu m
Provide within 3mØ wet well chamber &
upstream network up to lowest incoming lateral

Pond 2	
Downstream Control:	Hydrobrake
Total Storage Volume (m3):	1,089
Min top of bank level:	6.4m AOD
Bed Level:	5.1m AOD
Side Slopes:	1 in 4
Discharge rate (litres/sec):	5.0
Outfall:	Watercourse

Pond 1A+B	
Downstream Control:	Hydrobrake
Total Storage Volume (m3):	2,460
Min top of bank level:	5.8mAOD
Bed level:	4.0mAOD
Side Slopes:	1 in 4
Discharge rate (litres/sec):	10.82 (Qbar)
Outfall:	Watercourse

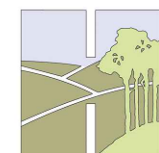
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7. All finished floor levels shown are indicative and are subject to refinement following completion of the detailed design.
8. All drainage details are indicative and subject to refinement following completion of the detailed design.

L	Masterplan updated	HALL200505SL01F	LF	SM	21.05.21
L	Masterplan updated		LF	RM	13.05.21
K	3m buffer zone indicated. Catchments & basins updated.		DC	SM	29.04.21
J	Update to suit LLFA comments		LF	SM	31.03.21
H	Latest site layout added.		LF	SM	10.12.20
G	Latest site layout added.		NJO	SM	08.12.20
F	Latest site layout added.		NJO	SM	02.12.20
E	Basin details amended		NJO	SM	25.11.20
D	Western swale profile amended, culvert crossings added		RM	SM	28.10.20
C	Western swale profile amended		RM	SM	20.10.20
B	Amended as per Urban Wilderness comments		BP	SM	01.10.20
A	Watercourse diversion amended		LF	RM	18.08.20
-	First Issue		LF	RM	08.06.20



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Hallam Land Management

Hook Lane

Pagham

Surface & Foul Water Drainage Strategy

Status		Status Date
Information		June 2020
Drawn	Checked	Date
LF	RM	10.06.20
Scale	Number	Rev
1:1000	10461-DR-001	L

0 20 40 60 80 100

METRES

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