PROPOSED DETENTION BASIN AREA (P01) = 679.30 m2
PROPOSED VOLUME = 529.85 m3
PROPOSED DEPTH = 1.10m (0.8+0.3m FREEBOARD)
PROPOSED SIDE SLOPES = 1:4
PROPOSED TOP OF BANK LEVEL =66.000m
PROPOSED INVERT LEVEL =64.900m

HEADWALL
IL = 64.900m AOD

HEADWALL
IL = 64.900m AOD

DISCHARGE RATE - 50.9 l/s

HEADWALL
IL = 64.768m AOD

HS/SS/001

12

Hedge 2m ht
Small Trees and Dense Foliage 2-8m ht
Dense Brambles 1-2m ht
Foot Bridge Dense Foliage
Bunker
Grass
Trees 5-8m ht
Trees 6-9m ht
MH-165(64.920)
MH-166(64.796)
MH-164(64.980)
MH-163(65.031)
MH-162(65.338)
450mm 1:442
450mm 1:227
225mm 1:148
450mm 1:169
PIF 1.2m ht
64.900m
A
B
C
D
E

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. DO NOT SCALE FROM DRAWING USE FIGURED DIMENSIONS ONLY.
3. FOR THE EXISTING TOPOGRAPHICAL SURVEY REFER DRAWING NUMBER 10051123-ARC-XRF-ZZ-M2-CE-00001.
4. FOR THE OS REFER DRAWING NUMBER 10051123-ARC-XRF-ZZ-M2-ZZ-00001.
5. REFER FOR MASTERPLAN DETAILS 10051123-ARC-XRF-1A-M2-CE-00006 (RECEIVED ON 16-JUN-2023).
6. REFER FOR CROSS SECTIONS 10051123-ARC-050-1A-DR-DE-00006.

LEGEND:

- EXISTING TOPO SURVEY / OS DATA
- PROPOSED MASTERPLAN
- HYBRID PLANNING APPLICATION RED LINE
- PROPOSED DETENTION BASIN
- PROPOSED DETENTION BASIN MAINTENANCE/ACCESS TRACK
- PROPOSED STORM DRAINAGE
- PROPOSED STORM DRAINAGE HEADWALL
- PROPOSED FOUL DRAINAGE
- MAJOR CONTOURS (1m)
- MAINOR CONTOURS (0.2m)
- EARTHWORKS BANKINGS
- MAN HOLE

Rev	Date	Description	Prod.	Chk.	Rev.	App.
P01	08/08/24	FIRST ISSUE	VS	MT	TF	SD
P02	26/06/25	PLANNING ISSUE	DH	CH	SD	SD

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Drawing Title:
WEST OF IFIELD
PHASE 1A
DETENTION BASIN 1
GENERAL ARRANGEMENT

Designed: D.Hillier	Signed: Digitally Signed	Date: 26/06/25
Produced: D.Hillier	Signed: Digitally Signed	Date: 26/06/25
Checked: C.Higgins	Signed: Digitally Signed	Date: 26/06/25
Reviewed: S.Davies	Signed: Digitally Signed	Date: 26/06/25
Approved: S.Davies	Signed: Digitally Signed	Date: 26/06/25
Design Stage: Detailed Design		
Original Size: A1	Grid: OS	Datum: AOD
Suitability Code: A5	Scale: 1:500	Project Number: 10051123
Suitability Description: Issued For Planning		

Drawing Number: 10051123 - ARC - 050 - 1A - DR - DE - 00005
Revision: P02

0 10 20 30 40 50 METRES
SCALE 1:500 (A1)
SCALE 1:1000 (A3)

Print Date: 2025-06-26 14:41:13
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