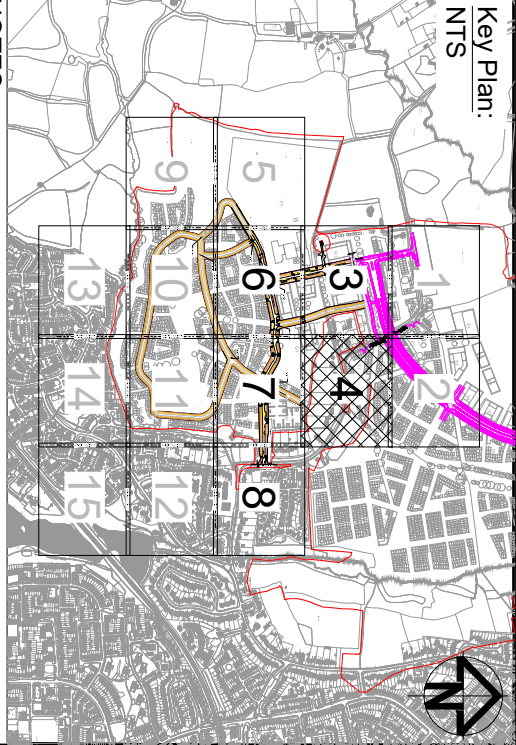


E6

E5



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	WORKS STAGE
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING: D = DECOMMISSION/DEMOLITION	C - CONSTRUCTION M - MAINTENANCE D - DEMOLITION
HEALTH & SAFETY	
HS/SS/001 - WORKS IN CLOSE PROXIMITY OF EXISTING WATERCOURSE	C, M, D
HS/SS/002 - WORKS IN CLOSE PROXIMITY TO EXISTING LIVE CARRIAGEWAY	C, M, D
HS/SS/003 - DEEP EXCAVATIONS FOR PIPES / MANHOLES.	
HS/SS/004 - WORKING ON STEEP EMBANKMENT	
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT TO BE READ IN CONJUNCTION WITH RISK REGISTER FOR FURTHER INFORMATION AND MITIGATION MEASURES.	



NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. DO NOT SCALE FROM DRAWING USE FIGURED DIMENSIONS ONLY.
3. ALL SIZES & INVERT LEVELS FOR POND/TANK ARE APPROXIMATE AND SUBJECT TO CHANGE.
4. REFER FOR PHASE 1B PROPOSED SURFACE WATER DRAINAGE STRATEGY DETAILS
10051123-ARC-050-1B-DR-DE-0001 TO 0004
5. REFER FOR SITE WIDE PROPOSED DRAINAGE STRATEGY REPORT 10051123-ARC-050-1Z-TR-CE-00001 FOR FURTHER DETAILS
6. AS DESIGN PROGRESSES THERE MAY BE CHANGES IN HS/SS/003 & HS/SS/004 HAZARDS LOCATIONS.
7. REFER TO 10051123-ARC-XXX-1A-DR-CE-00002 FOR FURTHER KEY ITEMS

HEADWALL
IL = 65.900m AOD
CATCHMENT AREA - 0.34 ha
GREENFIELD RUNOFF - 1.785 l/s



HS/SS/001

E7

66.1m

66.1m

ASSUMING THAT PRIMARY SCHOOL HAS ITS OWN ATTENUATION SYSTEM WHICH ACCOMMODATE ALL THE SURFACE WATER FROM SCHOOL AREA AND CATCHMENT AREA - 2.36 ha
GREENFIELD RUNOFF - 12.39 l/s

PROPOSED DETENTION BASIN AREA (P1) = 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

CATCHMENT AREA - 0.3 ha
GREENFIELD RUNOFF - 1.573 l/s

HEADWALL
IL = 65.250m AOD

HEADWALL
IL = 64.900m AOD

MH-165(64.920)

MH-164(64.980)

MH-163(65.031)

HEADWALL
IL = 64.708m AOD

HS/SS/001

CONTINUATION TO REFER -10051123-ARC-050-1A-DR-CE-00013

CONTINUATION TO REFER -10051123-ARC-050-1A-DR-CE-00017

Q1

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SCALE 1:500 (A1)
SCALE 1:1000 (A3)
METRES



West of Ifield

Site: Ifield, Crawley
Client: Homes England
Address: 110 Birchwood Boulevard, Warrington, WA3 7QH



Registered office:
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Coordinating office:
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Tel: 44 (0)20 7812 2000

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WEST OF IFIELD
PHASE 1A
DRAINAGE LAYOUT
SHEET 4

Drawn	Checked	Date
Designed	Designed	12/06/25
Drawn	Drawn	12/06/25
Checked	Checked	12/06/25
Reviewed	Reviewed	12/06/25
Approved	Approved	12/06/25
Design Stage	Design Stage	12/06/25
Original Size	Original Size	12/06/25
Scale	Scale	1:500
Stationing	Stationing	1:500
Stationing	Stationing	1:500

Suitable for Planning

10051123 - ARC - 050 -
1A - DR - DE - 00014

Revision: P03