

COPYRIGHT RAMBOLL UK LIMITED. ALL RIGHTS RESERVED. THIS DOCUMENT IS ISSUED FOR THE PARTY WHO COMMISSIONED IT AND FOR THE SPECIFIC PURPOSES CONNECTED WITH THE PROJECT ONLY. IT SHOULD NOT BE RELIED UPON BY ANY OTHER PARTY OR USED FOR ANY OTHER PURPOSE. RAMBOLL ACCEPTS NO RESPONSIBILITY OR LIABILITY WHICH MAY ARISE FROM RELIANCE OR USE OF THIS DOCUMENT OR THE DATA CONTAINED HEREIN BY ANY OTHER PARTY OR FOR ANY OTHER PURPOSE.

- Notes
- DO NOT SCALE FROM THIS DRAWING.
 - ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.
 - ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS SHOWN OTHERWISE.
 - THE CONTRACTOR IS TO ENSURE THAT ALL BURIED SERVICES ARE LOCATED PRIOR TO CARRYING OUT ANY EXCAVATION.
 - FOR DETAILS OF DRAINAGE STRUCTURES REFER TO RELEVANT STRUCTURE GENERAL ARRANGEMENT DRAWINGS.
 - DRAINS TO BE LAID CURVED ON PLAN WHERE SHOWN ON DRAWINGS.
 - EXISTING DRAINAGE INFORMATION SHOWN ON THESE DRAWINGS ARE NOT EXHAUSTIVE. EXISTING DRAINS TO BE RETAINED ARE SHOWN. DRAINAGE TO BE ABANDONED NOT SHOWN. EXISTING DRAINAGE ENCOUNTERED NOT SHOWN ON THESE DRAWINGS SHALL BE TREATED AS DIRECTED BY THE ENGINEER.
 - WHERE SHOWN TO BE RETAINED, THE LOCATION OF EXISTING DRAINAGE SHALL BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION. THE CONDITION OF THIS EXISTING DRAINAGE SHALL ALSO BE VERIFIED, AS PART OF THE WORKS, IN ACCORDANCE WITH THE SPECIFICATION. EXISTING DRAINAGE FOUND TO BE DEFECTIVE IN ANY WAY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
 - ALL EXISTING AND DIVERTED STATUTORY SERVICE INFORMATION IS SHOWN INDICATIVELY FOR REFERENCE ONLY. THE CONTRACTOR SHALL UNDERTAKE ALL NECESSARY INVESTIGATIONS TO DETERMINE THE EXACT LOCATION OF UNDERGROUND/OVERGROUND PLANT.
 - FOR HURST FARM DRAINAGE STRATEGY REFER TO 1620011691-RAM-HDG-XX-SK-C-00011.
 - STORAGE VOLUMES ARE STORAGE ESTIMATES ONLY.



OUTFALL INTO EXISTING WATER COURSE RESTRICTED TO 10% OVERFLOED RATE. FLOW RESTRICTION: 0.88m³/s

SURFACE WATER REQUIREMENTS:
 1. OVERFLOW: 1.17m³/s
 2. CONTRIBUTING AREA: 14023m²
 3. 15MIN URBAN OVERFLOW: 1.17m³/s
 STORAGE REQUIRED: 1208-990m³

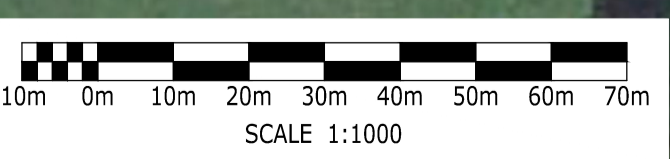
SURFACE WATER ATTENUATION PROVISION:
 1. 250m³ STORAGE WITHIN 30MIN PERMEABLE PAVING
 2. 361m³ STORAGE IN CHAMBERS
 3. 590m³ STORAGE IN ATTENUATION BASINS (1.5M DEEP)
 TOTAL PROVISION APPROXIMATELY 1559m³

OUTFALL INTO EXISTING WATER COURSE RESTRICTED TO 10% OVERFLOED RATE. FLOW RESTRICTION: 41.4m³/s

SURFACE WATER REQUIREMENTS:
 1. OVERFLOW: 7.25m³/s
 2. CONTRIBUTING AREA: 4362m²
 3. 15MIN URBAN OVERFLOW: 7.25m³/s
 STORAGE REQUIRED: 3793-566m³

SURFACE WATER ATTENUATION PROVISION:
 1. 250m³ STORAGE WITHIN 30MIN PERMEABLE PAVING
 2. 244m³ STORAGE IN CHAMBERS
 3. 3428m³ STORAGE IN ATTENUATION BASINS (1.5M DEEP)
 TOTAL PROVISION APPROXIMATELY 4612m³

CONDUIT DRAINS TO INTERCEPT OVERLAND FLOWS, PROTECTING THE ADJACENT PROPERTY AND DISCHARGING TO THE EXISTING DITCH TO THE SOUTH WHERE EXISTING FLOWS ULTIMATELY DISCHARGE.



KEY:

- EXISTING FOUL WATER DRAINAGE
- PROPOSED FOUL WATER DRAINAGE
- PROPOSED FOUL WATER RISING MAIN
- PUBLIC SEWER FOUL WATER DRAINAGE
- PROPOSED FOUL WATER MANHOLE/INSPECTION CHAMBER
- PROPOSED SURFACE WATER MANHOLE/INSPECTION CHAMBER
- FLOW CONTROL CHAMBER
- PROPOSED SURFACE WATER DRAINAGE
- EXISTING DITCH RETAINED
- EXISTING CULVERT
- HEADWALL (EXISTING & PROPOSED)
- PERMEABLE PAVING
- SWALE / ATTENUATION BASIN
- FOUL PUMPING STATION
- SITE BOUNDARY

P03	PRELIMINARY ISSUE	DF	CL	CL	10.02.2026
P02	PRELIMINARY ISSUE	AP	CL	CL	02.05.2025
P01	PRELIMINARY ISSUE	NJ	DF	CL	24.03.2025
Rev	Description	Drawn	Checked	Approved	Date

Purpose of Issue: **FOR INFORMATION**

Status: **S1**

LAND WEST OF CRAWLEY DOWN



DRAINAGE LAYOUT

Project No:	Scale (BA1):	Date:
1620011691	1:1000	FEB 26
Drawn:	Designed by:	
NJ	DF	
Drawing No:	Rev:	
RAM-HDG-XX-DR-C-00001	P03	