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- 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.

CONFORMANCE TO NATURAL OUTFLOW POINT VIA GREENFIELD. RESTRICTED TO PFA GREENFIELD RATE. FLOW RESTRICTION: 15 L/S

NEW FOUL PUMPING STATION. PUMP RATE: 2.0 L/S

SURFACE WATER REQUIREMENTS:
 EXISTING: 11.1 L/S
 PROPOSED: 11.1 L/S
 CONTRIBUTING AREA: 15516.51m²
 STORAGE REQUIRED: -1486m³

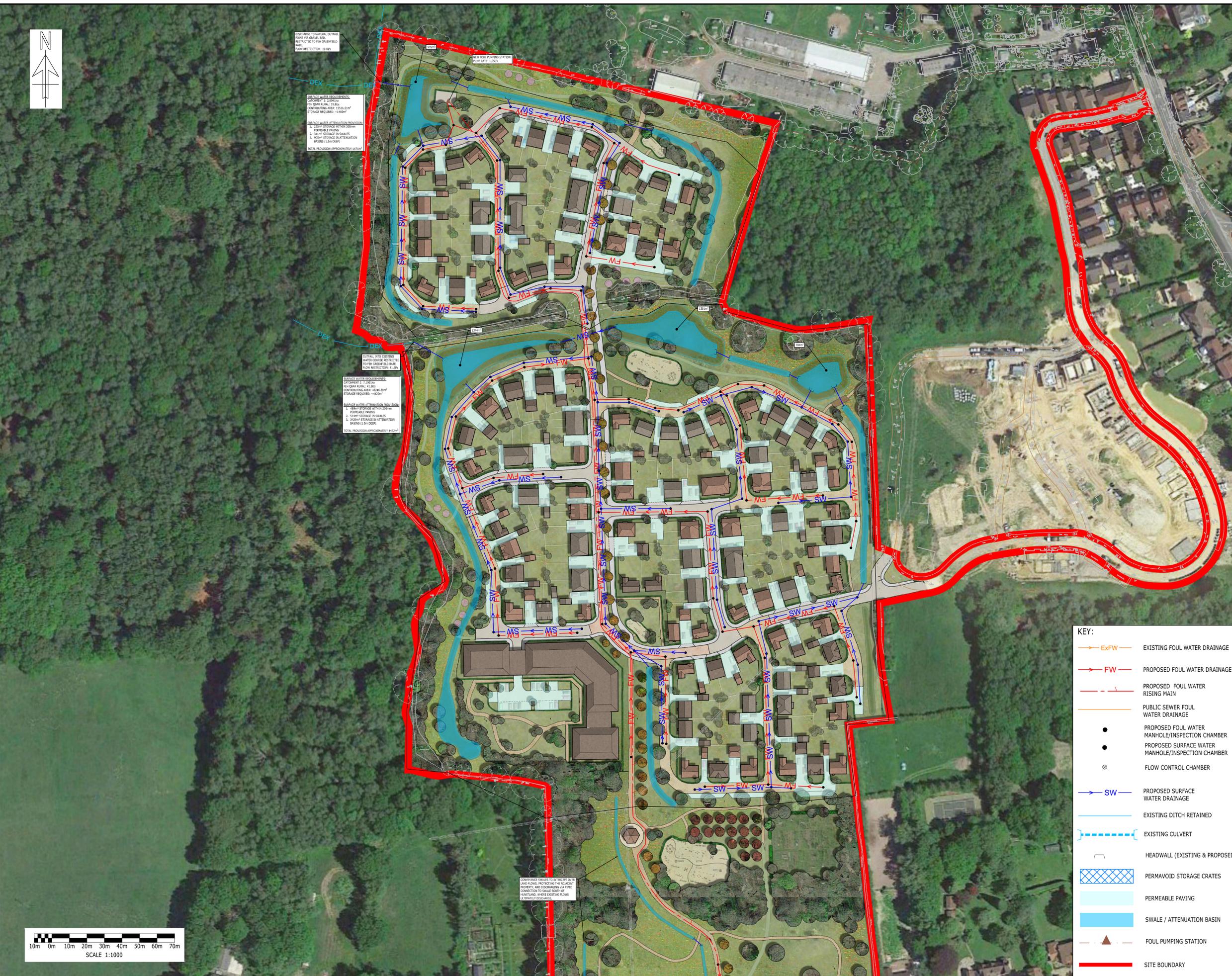
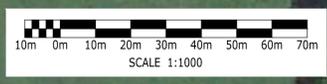
SURFACE WATER ATTENUATION PROVISION:
 1. 100% STORAGE WITHIN 30MIN PERMEABLE PAVING
 2. 100% STORAGE IN SWALES
 3. 100% STORAGE IN ATTENUATION BASINS (1.5M DEEP)
 TOTAL PROVISION APPROXIMATELY 1475m³

CONFORMANCE TO NATURAL OUTFLOW POINT VIA GREENFIELD. RESTRICTED TO PFA GREENFIELD RATE. FLOW RESTRICTION: 41 L/S

SURFACE WATER REQUIREMENTS:
 EXISTING: 7.7 L/S
 PROPOSED: 7.7 L/S
 CONTRIBUTING AREA: 45246.70m²
 STORAGE REQUIRED: -4420m³

SURFACE WATER ATTENUATION PROVISION:
 1. 100% STORAGE WITHIN 30MIN PERMEABLE PAVING
 2. 100% STORAGE IN SWALES
 3. 100% STORAGE IN ATTENUATION BASINS (1.5M DEEP)
 TOTAL PROVISION APPROXIMATELY 4420m³

CONFORMANCE DRAINS TO INTERCEPT OVER LANDSCAPING, PROTECTING THE ADJACENT PROPERTY AND DISCHARGE TO THE PIP CONNECTION TO SWALE SOUTH OF HIGHWAY. WHERE EXISTING FLOW IS ULTIMATELY RECONNECTED.



KEY:

- ExFW EXISTING FOUL WATER DRAINAGE
- FW 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
- SW PROPOSED SURFACE WATER DRAINAGE
- EXISTING DITCH RETAINED
- EXISTING CULVERT
- HEADWALL (EXISTING & PROPOSED)
- PERMAVOID STORAGE CRATES
- PERMEABLE PAVING
- SWALE / ATTENUATION BASIN
- FOUL PUMPING STATION
- SITE BOUNDARY

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 SHEET 1

Project No:	Scale (BA1):	Date:
1620011691	1:1000	FEB 25
Drawn:	Designed by:	
NJ	DF	
Drawing No:	Rev:	
RAM-HDG-XX-DR-C-00001	P02	