


**Legend**

- Site Boundary
- Dynamic Sampler Boreholes
- Bund and Machinery Pits
- Trial Pits

0 25 m 50 m  
© Mapbox



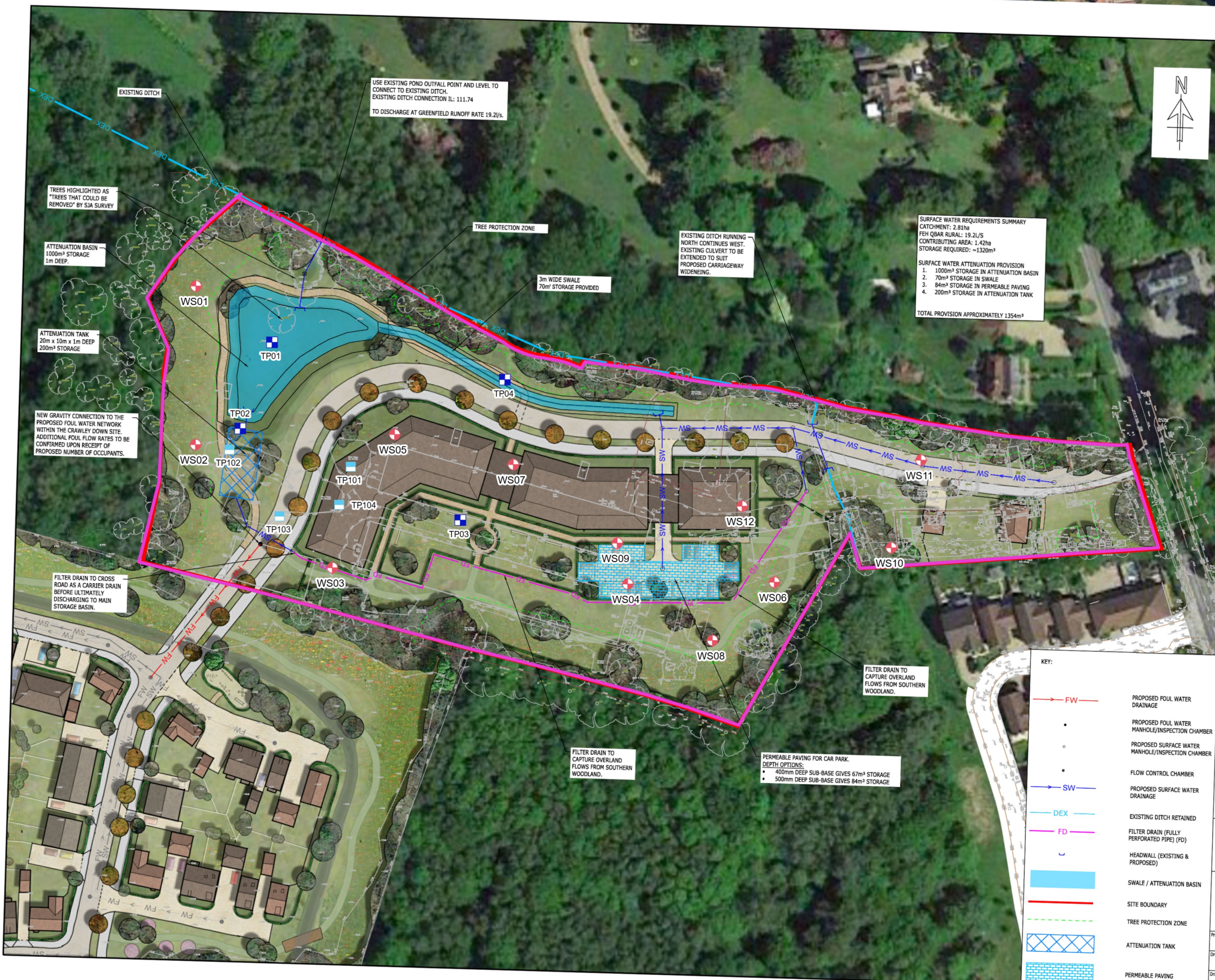
**Geo-Environmental**  
Produced by **Datanest.earth**

Title: Site Investigation Plan		
Client: Wates		Size: A4
Project: Hurst Farm, Crawley Down	Drawn: AP	Figure No.: 2
Date: 15-07-2025	Checked: JT	
Proj No: GE23261	Scale: 1:2344	Version: FINAL

**FIGURE 3**

**Exploratory Hole Location Plan (Proposed Layout)**





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- ALL LEVELS UNLESS SHOWN
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**SURFACE WATER REQUIREMENTS SUMMARY**  
 CATCHMENT: 2.81ha  
 FEH Q95% RURAL: 19.2L/S  
 CONTRIBUTING AREA: 1.42ha  
 STORAGE REQUIRED: ~1320m<sup>3</sup>

**SURFACE WATER ATTENUATION PROVISION**

- 100m<sup>3</sup> STORAGE IN ATTENUATION BASIN
- 70m<sup>3</sup> STORAGE IN SWALE
- 84m<sup>3</sup> STORAGE IN PERMEABLE PAVING
- 200m<sup>3</sup> STORAGE IN ATTENUATION TANK

TOTAL PROVISION APPROXIMATELY 1354m<sup>3</sup>

**Legend**

- Dynamic Sampler Boreholes
- Stockpile and Machinery Pits
- Trial Pits
- Site Boundary
- Proposed

P03	PRELIMINARY AP
P02	PRELIMINARY AP
P01	PRELIMINARY AP
Rev	Description
Drawn	Drawn
Checked	Checked
Purpose of Issue:	
Status:	
LAND CRAWL (HURST FARM) DRAINAGE	
Project No: 1620011691	
Drawn: AP	
Drawing No: RAM-HDG-XX-SK	

0 25 m 50 m  
© Mapbox



Produced by **Datanest.earth**

**Title: Site Investigation Plan (Existing Layout)**

Client: Wates	Size: A3
Project: Hurst Farm, Crawley Down	Drawn: AP
Date: 18-09-2025	Checked: JT
Proj No: GE23261	Scale: 1:1260
Version: FINAL	

**KEY:**

	PROPOSED 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
	FILTER DRAIN (FULLY PERFORATED PIPE) (FD)
	HEADWALL (EXISTING & PROPOSED)
	SWALE / ATTENUATION BASIN
	SITE BOUNDARY
	TREE PROTECTION ZONE
	ATTENUATION TANK
	PERMEABLE PAVING

EXISTING DITCH

USE EXISTING POND OUTFALL POINT AND LEVEL TO CONNECT TO EXISTING DITCH. EXISTING DITCH CONNECTION I.L.: 111.74 TO DISCHARGE AT GREENFIELD RUNOFF RATE 19.2L/S.

TREES HIGHLIGHTED AS 'TREES THAT COULD BE REMOVED' BY SJA SURVEY

ATTENUATION BASIN - 100m<sup>3</sup> STORAGE, 1m DEEP

ATTENUATION TANK - 20m x 10m x 1m DEEP, 200m<sup>3</sup> STORAGE

NEW GRAVITY CONNECTION TO THE PROPOSED FOUL WATER NETWORK WITHIN THE CRAWLEY DOWN SITE. ADDITIONAL FLOW RATES TO BE CONFIRMED UPON RECEIPT OF PROPOSED NUMBER OF OCCUPANTS.

FILTER DRAIN TO CROSS ROAD AS A CARRIER DRAIN BEFORE ULTIMATELY DISCHARGING TO MAIN STORAGE BASIN.

FILTER DRAIN TO CAPTURE OVERLAND FLOWS FROM SOUTHERN WOODLAND.

FILTER DRAIN TO CAPTURE OVERLAND FLOWS FROM SOUTHERN WOODLAND.

PERMEABLE PAVING FOR CAR PARK. DEPTH OPTIONS:  
 • 400mm DEEP SUB-BASE GIVES 67m<sup>3</sup> STORAGE  
 • 500mm DEEP SUB-BASE GIVES 84m<sup>3</sup> STORAGE

EXISTING DITCH RUNNING NORTH CONTINUES WEST. EXISTING CULVERT TO BE EXTENDED TO SUIT PROPOSED CARRIAGEWAY WIDENING.

3m WIDE SWALE, 70m<sup>3</sup> STORAGE PROVIDED

TREE PROTECTION ZONE

WS01, WS02, WS03, WS04, WS05, WS06, WS07, WS08, WS09, WS10, WS11, WS12

TP01, TP02, TP03, TP04, TP101, TP102, TP103, TP104

**FIGURE 4**

**Exceedance Plan**

