

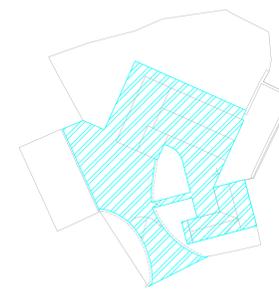
SURFACE WATER DESIGN
 SURFACE WATER SHALL DISCHARGE TO ONE OF THE FOLLOWING, LISTED IN PRIORITY ORDER:
 A) AN ADEQUATE SOMERWAY OR SOME OTHER ADEQUATE INFILTRATION SYSTEM, OR WHERE THIS IS NOT REASONABLY PRACTICABLE.
 B) A WATERCOURSE, OR, WHERE THIS IS NOT REASONABLY PRACTICABLE.
 C) A SEWER.
 AN ASSESSMENT OF THE EXISTING AND PROPOSED IMPERMEABLE AREAS HAS BEEN UNDERTAKEN TO ASSESS THE IMPACT OF THIS INCREASE IS QUITE CONSIDERABLE. THE EXISTING DISCHARGE RATE FROM THE SITE WAS 4 L/S, HAVING APPLIED A 50% REDUCTION AS PER THE LIA GUIDANCE. THE NEW PROPOSED DISCHARGE RATE IS TO BE REDUCED TO 2.3 L/S.
 EXISTING IMPERMEABLE AREA: 333m²
 PROPOSED IMPERMEABLE AREA: 830m²
 A DESKTOP STUDY ON BES MAPS, SHOWS THE GEOLOGY OF THE SITE COMPRISES OF TILL WHICH CONTAINS CLAY MATERIAL WITH LOW PERMEABILITY, THEREFORE INFILTRATION ISN'T AN OPTION AND SURFACE WATER WILL DISCHARGE TO THE WATERCOURSE.

FOUL WATER DESIGN
 FOUL WATER SHOULD DISCHARGE TO ONE OF THE FOLLOWING, LISTED IN PRIORITY ORDER:
 A) A PUBLIC SEWER, OR, WHERE THAT IS NOT REASONABLY PRACTICABLE.
 B) A PRIVATE SEWER COMMUNICATING WITH A PUBLIC SEWER, OR, WHERE THAT IS NOT REASONABLY PRACTICABLE.
 C) EITHER A SEPTIC TANK WHICH HAS AN APPROPRIATE FORM OF SECONDARY TREATMENT OR ANOTHER WASTEWATER TREATMENT SYSTEM, OR, WHERE THIS IS NOT REASONABLY PRACTICABLE.
 D) A CESSPOOL.
 A SITE WALKOVER HAS IDENTIFIED THERE ARE NO SURFACE OR FOUL WATER SEWERS WITHIN CLOSE PROXIMITY TO THE DEVELOPMENT, THEREFORE THE FOUL WATER WILL BE TREATED ON SITE AND ENTER THE PROPOSED SURFACE WATER SYSTEM AND OUTFALL TO THE WATERCOURSE.

AREA	TOTAL AREA m ² (ha)
EXISTING IMPERMEABLE	333m ² (0.033ha)
PROPOSED IMPERMEABLE	830m ² (0.083ha)



EXISTING IMPERMEABLE AREA - 1:500



PROPOSED IMPERMEABLE AREA - 1:500



SITE LOCATION

OS X (EASTINGS)	365866
OS Y (NORTHINGS)	44414
NAT GRID	SD 43868 44414
POSTCODE	PR3 2GS



KEY PLAN - 1:1000

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- NOTE TO DEVELOPERS:**
- FUL SET THROUGH FRA PROVIDED AS MITIGATION MEASURE FOR SW.
 - GULLY AND CHANNEL DRAIN LOCATION TO BE REVIEWED.

KEY

—	EXISTING SURFACE WATER SEWER
—	EXISTING SURFACE WATER MANHOLE
—	EXISTING FOUL WATER SEWER
—	EXISTING FOUL WATER MANHOLE
—	EXISTING COMBINED WATER SEWER
—	EXISTING COMBINED WATER MANHOLE
—	PROPOSED SURFACE WATER SEWER
—	PROPOSED SURFACE WATER INSPECTION CHAMBER
—	PROPOSED CHANNEL
—	PERMEABLE PAVING EXTENTS
—	PROPOSED FOUL WATER SEWER
—	PROPOSED FOUL WATER INSPECTION CHAMBER
—	SITE BOUNDARY
—	SEWER ABANDONMENT

TABLE 1: DESIGNER'S RISK ASSESSMENT

RISK REFERENCE	RISK DESCRIPTION	RISK CONSIDERATION/ MITIGATION
R.01	LARGE TREES WITHIN AREA OF PROPOSED WORKS.	AVOID CONTACT AND DISRUPTION WITH TREES TO PREVENT HARMING TREE OR WILDLIFE.
R.02	LOCATION OF ATTENUATION TANK.	ATTENUATION TANK SHOULD BE PLACED SUFFICIENTLY AWAY FROM LOCATION OF THE EXISTING TREES AND OTHER SITE FEATURES.
R.03	SWP LOCATIONS.	SWP LOCATIONS ARE INDICATIVE AND NEED TO BE CONFIRMED BY THE ARCHITECT.

REV	DATE	DESCRIPTION	BY	CHKD
01	22.10.25	ISSUE FOR PERMITS	RS	LS
02	22.10.25	ISSUE FOR PERMITS	RS	LS

PWA / GROUP

CIVIL: SUMMIT HOUSE, RIPA ROAD, WYKE, LEICESTERSHIRE, LE19 4RQ. 01555 635350
 STRUCTURAL: THE CROSSINGS, CROSSHILLS, LEICESTERSHIRE, LE19 4RQ. info@pwa-group.co.uk
 GEO-ENVIRONMENTAL: KINGSLEY, REDDIT WAY, LEICESTERSHIRE, LE19 4RQ. www.pwa-group.co.uk

Client: ZARA MOON ARCHITECTS

Project: PROPOSED REFURBISHMENT LEAGRAM MILL FARM PRESTON

Title: PROPOSED DRAINAGE LAYOUT

Scale: A1
 Date: 1:100
 Designer: RS
 Checker: LS
 Issue Date: OCT 25

Drawing Status: PRELIMINARY

Job Number	Originator	Size	Level	Type	Rate	Drawing No.	Rev
25039	PWA	00	XX	DR	C	1000	PO2