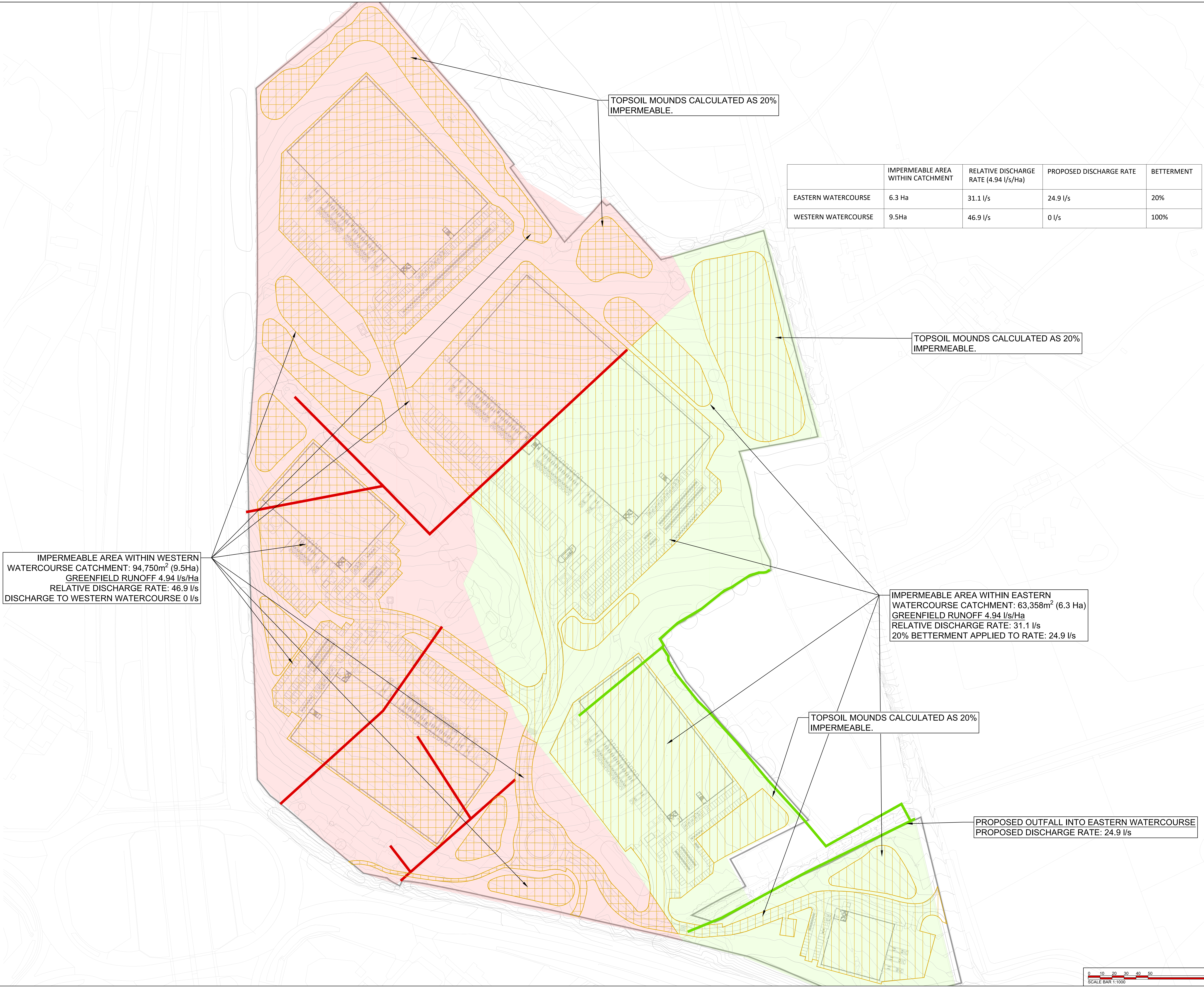




TOPSOIL MOUNDS CALCULATED AS 20% IMPERMEABLE.

TOPSOIL MOUNDS CALCULATED AS 20% IMPERMEABLE.

TOPSOIL MOUNDS CALCULATED AS 20% IMPERMEABLE.

PROPOSED OUTFALL INTO EASTERN WATERCOURSE
PROPOSED DISCHARGE RATE: 24.9 l/s

IMPERMEABLE AREA WITHIN WESTERN
WATERCOURSE CATCHMENT: 94,750m² (9.5Ha)
GREENFIELD RUNOFF 4.94 l/s/Ha
RELATIVE DISCHARGE RATE: 46.9 l/s
DISCHARGE TO WESTERN WATERCOURSE 0 l/s

IMPERMEABLE AREA WITHIN EASTERN
WATERCOURSE CATCHMENT: 63,358m² (6.3 Ha)
GREENFIELD RUNOFF 4.94 l/s/Ha
RELATIVE DISCHARGE RATE: 31.1 l/s
20% BETTERMENT APPLIED TO RATE: 24.9 l/s

	IMPERMEABLE AREA WITHIN CATCHMENT	RELATIVE DISCHARGE RATE (4.94 l/s/Ha)	PROPOSED DISCHARGE RATE	BETTERMENT
EASTERN WATERCOURSE	6.3 Ha	31.1 l/s	24.9 l/s	20%
WESTERN WATERCOURSE	9.5Ha	46.9 l/s	0 l/s	100%

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SAFETY, HEALTH AND ENVIRONMENTAL
INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON
THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION

MAINTENANCE

DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR
WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

GENERAL NOTES:
1. This drawing shall be read in conjunction with all the relevant
architects, engineers' and service engineers drawings &
specifications.
2. All units in millimeters U.O.N. on the drawing. Do not scale off the
drawing.

KEY:

Eastern watercourse (existing)

Existing eastern catchment

Proposed impermeable area within eastern
catchment

Western watercourse (existing)

Existing western catchment

Proposed impermeable area within
western catchment

P05	19.11.2025	BP	Updated to include bunds	JW
P04	23.09.2025	BP	Planning Issue	JW
P03	16.09.2025	BP	Planning Issue	JW
P02	05.09.2025	BP	Updated to new masterplan	JW
P01	02.01.2025	BP	First Issue	JW

REV	DATE	BY	DESCRIPTION	CHKD

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Graham

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CLIENT
**Caddick
Developments.**

PROJECT
LAND AT JUNCTION 22 OF THE M1
CLIFFE HILL FARM

DRAWING TITLE
EXISTING CATCHMENT AND
PROPOSED DISCHARGE RATES

BGL PROJECT NUMBER 30206	DRAWING STATUS PRELIMINARY	OFFICE NORTH
SCALE @ A0 1:1000	DATE 02.01.2025	DRAWN BY BP
	CHECKED BY JW	

DRAWING No 30206-BGL-XX-XX-DR-C-00251	REV P05
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