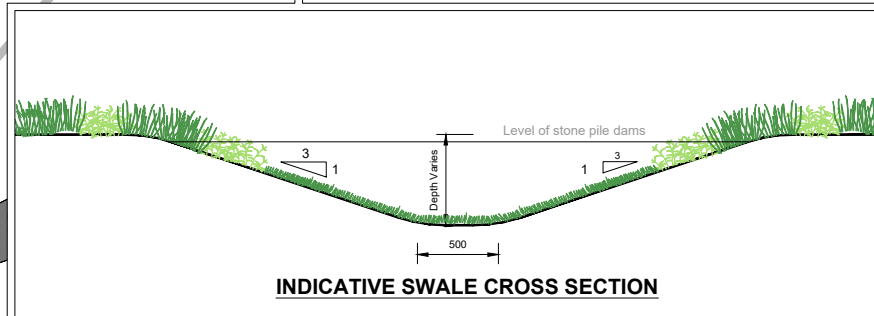
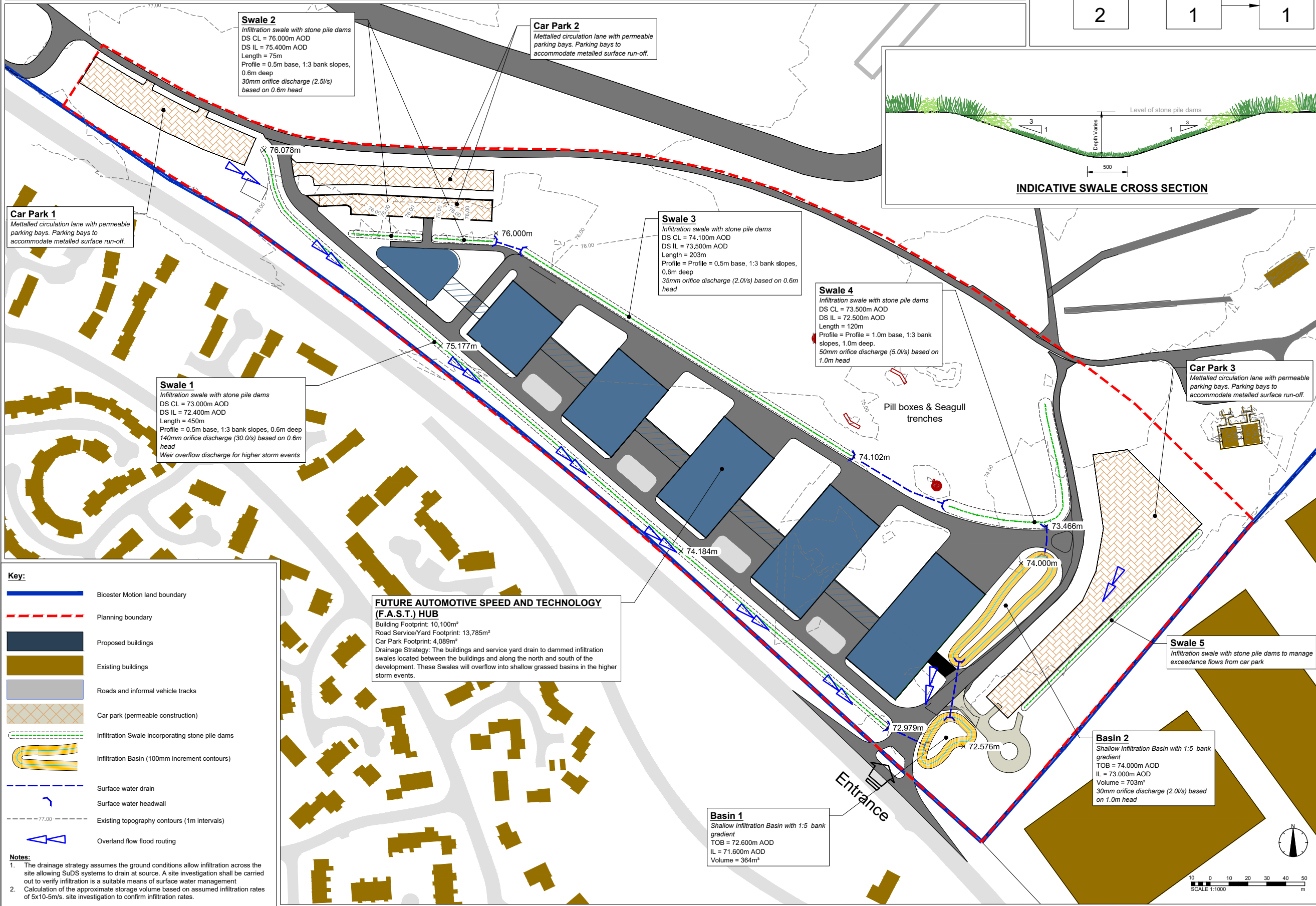


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**Key:**

- Bicester Motion land boundary
- Planning boundary
- Proposed buildings
- Existing buildings
- Roads and informal vehicle tracks
- Car park (permeable construction)
- Infiltration Swale incorporating stone pile dams
- Infiltration Basin (100mm increment contours)
- Surface water drain
- Surface water headwall
- Existing topography contours (1m intervals)
- Overland flow flood routing

**Notes:**

- The drainage strategy assumes the ground conditions allow infiltration across the site allowing SuDS systems to drain at source. A site investigation shall be carried out to verify infiltration is a suitable means of surface water management.
- Calculation of the approximate storage volume based on assumed infiltration rates of 5x10-5m/s. site investigation to confirm infiltration rates.

B	ISSUED FOR OUTLINE PLANNING - BOUNDARY AMENDED & WESTERN CAR PARK ADDED	12/11/2019	MG
A	ISSUED FOR OUTLINE PLANNING	25/10/2019	MG
-	DRAFT ISSUE	21/05/2019	MG
REV	DESCRIPTION	DATE	DRAWN

ORIGINATOR:

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CLIENT:

**BICESTER MOTION**

IN ASSOCIATION WITH:

PROJECT:  
**F.A.S.T.**

TITLE:  
**SURFACE WATER DRAINAGE STRATEGY**

ENG:	CSE:	ICSE:	SCALE: 1:1000	@ A1
MG	SW		INITIAL ISSUE: 21/05/2019	

STATUS:  
**PLANNING**

DRAWING NO:

PROJECT:	ORG:	ZONE:	LEVEL:	TYPE:	ROLE:	NUMBER:	REV:
5002854	RDG	XX	ST	PL	C	0503	B