



- KEY:**
- INDICATIVE PROPOSED SURFACE WATER SEWER
 - INDICATIVE PROPOSED SURFACE WATER MANHOLE
 - INDICATIVE PROPOSED SURFACE WATER RISING MAIN
 - INDICATIVE ONSITE PROPOSED POND
 - INDICATIVE PROPOSED UNDERGROUND STORAGE
 - INDICATIVE PROPOSED SURFACE WATER PUMPING STATION
 - EXISTING WATERCOURSE
 - EXISTING HIGHWAY DITCH COURSES
 - DIRECTION OF EXISTING OVERLAND FLOWS
 - SITE BOUNDARY
 - PLANNING BOUNDARY
- NOTES:**
1. THIS DRAWING SHOWS AN INDICATIVE SURFACE WATER DRAINAGE STRATEGY. THE STRATEGY IS SUBJECT TO DETAILED DESIGN.
 2. ONSITE ATTENUATION PONDS WILL BE PROVIDED TO ATTENUATE SURFACE WATER RUNOFF FOR RAINFALL EVENTS UP TO AND INCLUDING A 1 IN 100 YEAR RAINFALL EVENT WITH AN ADDITIONAL ALLOWANCE OF 40% FOR CLIMATE CHANGE BELOW THE FREEBOARD. ATTENUATION POND FOOTPRINTS ARE SHOWN INDICATIVELY AT THIS STAGE, BASED ON QUICK STORAGE ESTIMATES.
 3. ONSITE ATTENUATION PONDS WILL BE SIZED ON THE FOLLOWING -
 - FEH RAINFALL DATA - IN ACCORDANCE WITH INDUSTRY PRACTICE;
 - VOLUMETRIC RUNOFF COEFFICIENT (CV) OF 0.85 - IN ACCORDANCE WITH INDUSTRY PRACTICE;
 - DISCHARGE RATE OF 4m/impermeable lecture - AGREED WITH THE ICB.
 4. SURFACE WATER DRAINAGE SYSTEM TO BE DESIGNED IN ACCORDANCE WITH SEWERS FOR ADOPTION 6th EDITION.
 5. HIGHWAY DRAINAGE SHALL BE DESIGNED AND CONSTRUCTED IN FULL COMPLIANCE WITH MILTON KEYNES COUNCIL'S HIGHWAY ADOPTION STANDARDS.
 6. MASTERPLAN TAKEN FROM PETER HADDON & PARTNERS ARCHITECTS DRAWING 4178-1-SK015 P45 - PROPOSED MASTER PLAN.

Rev	Description	Drawn	Date	Check
01	UPDATED TO REFLECT LATEST DEVELOPMENT PROPOSALS	JB	28.07.21	JSH
02	UPDATED TO REFLECT LATEST DEVELOPMENT PROPOSALS	JB	27.08.21	JSH

**LAND AT CALDECOTE FARM
NEWPORT PAGNELL**

NEWLANDS DEVELOPMENTS

STANTEC UK LTD
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PRELIMINARY SURFACE WATER DRAINAGE STRATEGY

Drawing Date: PRELIMINARY
 CAD Reference: 38748/100/011
 Drawn: DL
 Date: 05.07.18
 Scale @A0: 1:1000

Project No: 38748 Design No: 100/011 Rev: B

BWB

