



- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH MKE-WSP-XX-XX-C-RP-001.
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 - DO NOT SCALE FROM THIS DRAWING, IF IN DOUBT CONTACT WSP UK LIMITED.
 - SURFACE WATER STRATEGY IS INDICATIVE AND IS BASED ON THE LAND BUDGET PLAN PROVIDED BY JTP ON 14/07/2021.
 - ALL SURFACE WATER RUNOFF CALCULATIONS WERE UNDERTAKEN USING MICRODRAINAGE SOFTWARE AND ARE SUBJECT TO DETAILED DESIGN.
 - CONFLICTING INFORMATION SHOWN ON THE ENGINEER'S DRAWINGS OR DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER AND THAT PROVIDED BY OTHERS MUST BE REFERRED TO THE ENGINEER BEFORE THE WORKS COMMENCE.
 - TOPOGRAPHICAL INFORMATION PROVIDED BY MK SURVEYS FILE - "28562" ON THE 11/06/2020 AND 3D ENGINEERING SURVEYS FILE - "DES21007_MKE_REV1" ON THE 22/02/2021. WSP CAN NOT ACCEPT RESPONSIBILITY FOR ANY INACCURACIES.
 - ALL DRAINAGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE DCG, DMRB, CIRIA SuDS MANUAL AND MKE GUIDANCE.
 - ALL OUTFALL LEVELS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
 - SURFACE WATER RUNOFF IS RESTRICTED TO 4L/S/IMPERMEABLE HECTARE. FOR FURTHER DETAILS OF VORTEX CONTROLS USED AND DISCHARGE RATES PLEASE REFER TO THE ACCOMPANYING CALCULATIONS.
 - ALL HEADWALLS TO BE ARCHITECTURALLY CLADDED.
 - CCTV SURVEY OF IDENTIFIED OUTFALLS TO BE UNDERTAKEN AT THE NEXT STAGE OF DESIGN.
 - DESIGN ASSUMPTIONS:
 - RESIDENTIAL AND SCHOOL CATCHMENTS ASSUMED TO BE 60% IMPERMEABLE WITH 10% DRAINAGE CREEP FOR A TOTAL IMPERMEABILITY 66%.
 - COMMERCIAL CATCHMENTS ASSUMED TO BE 90% IMPERMEABLE.
 - HIGHWAY ASSUMED TO BE 100% IMPERMEABLE.
 - ALL GREENFIELDS, ALLOTMENTS AND PLAYGROUNDS ASSUMED TO BE PERMEABLE AND SO NO FORMAL DRAINAGE REQUIRED.
 - 300mm FREEBOARD AVAILABLE ON ALL PONDS ABOVE 1 IN 100 YEAR PLUS 40% CLIMATE CHANGE LEVEL IN ACCORDANCE WITH CIRIA SuDS MANUAL C753.
 - 150mm FREEBOARD ON ALL SWALES ABOVE THE 1 IN 100 YEAR PLUS 40% CLIMATE CHANGE LEVEL IN ACCORDANCE WITH CIRIA SuDS MANUAL C753.

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FOR CATCHMENT ANALYSIS OF TONGWELL STREET PLEASE REFER TO DRAWING MKE-WSP-ZZ-ZZ-C-SK-0500

REV	DATE	BY	DESCRIPTION	CHK	APP
P03	12/07/2021	DSF	CATCHMENTS UPDATED FOR REVISED LAND BUDGET PLAN	BU	SP
P02	29/03/2021	MAR	CATCHMENT INFORMATION UPDATED	BU	SP
P01	05/03/2021	DSF	FIRST ISSUE	BU	SP

DRAWING STATUS:	PLANNING
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SITE/PROJECT: MILTON KEYNES EAST

TITLE: PROPOSED CATCHMENT PLAN

SCALE @ A1:	1:5000	CHECKED:	BU	APPROVED:	SP
PROJECT NO:	70057521	DESIGNED:	DSF	DRAWN:	OPL
DRAWING NO:	MKE-WSP-ZZ-ZZ-CR-0591	DATE:	July 21	REV:	P03

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