

ATTENUATION BASIN 7
 MIN. TOP OF POND LEVEL: 5.450
 BASE LEVEL: 3.000
 DEPTH: 2150mm + 300mm FREEBOARD
 1:3 SIDE SLOPES
 ATTENUATION VOLUME: 2547m³
 CATCHMENT AREA: 3.54ha
 1 IN 100 + 40% CC
 10% BASE AREA SEDIMENT FOREBAY

FLOW CONTROL
 DISCHARGE RATE: 7.1l/s

INDICATE EX. MANHOLE LOCATION
 EXTRACTED FROM REVISION TRACKING LOGSHEET

OUTFALL INTO EXISTING MANHOLE
 EX: MH401
 INVERT LEVEL: 1.500

SEDIMENT FOREBAY AT INLET TO PROVIDE
 SURFACE WATER PRE-TREATMENT STAGE

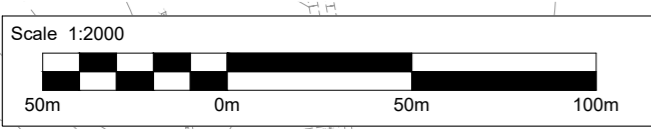
POLLUTION CONTROL VALVE 9, TYPE TO
 BE SPECIFIED

FOR CONTINUATION SEE DRAWING: 70100518-WSP-HDG-WW-DR-CD-005

- NOTES**
1. THIS PLAN IS FOR INFORMATION PURPOSES ONLY.
 2. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH THE WHHAR FLOOD RISK ASSESSMENT & DRAINAGE STRATEGY REPORT (DOCUMENT REF: 70100518-WSP-HDG-WW-RP-CD-001).
 3. THIS DRAWING SHOWS AN OUTLINE DRAINAGE STRATEGY BASED ON AN OUTLINE HIGHWAY ALIGNMENT DESIGN AND IS THEREFORE SUBJECT TO CHANGE AND DESIGN DEVELOPMENT.
 4. EA OPENSOURCE LIDAR INFORMATION HAS BEEN USED TO INFORM THE DRAINAGE DESIGN IN CONJUNCTION WITH SURVEYED WATERCOURSE LEVELS FROM TOPOGRAPHICAL SURVEY REF: 47185 NOLS. ADDITIONAL TOPOGRAPHICAL SURVEYS HAVE BEEN UNDERTAKEN IN BASIN LOCATIONS TO UNDERSTAND LEVEL DIFFERENCES BETWEEN LIDAR AND SURVEYED LEVELS. FINDINGS CAN BE FOUND IN THE DETENTION BASIN SURVEY COMPARISON TECHNICAL NOTE IN APPENDIX N OF THE FLOOD RISK ASSESSMENT. SURVEY EXTENTS CAN BE FOUND WITHIN THE FRA DOCUMENT.
 5. ALL BYPASS DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH DMRB AND LOCAL HIGHWAY AUTHORITY STANDARDS.

- KEY:**
- REDLINE BOUNDARY
 - TEMPORARY WORKS BOUNDARY
 - PROPOSED ATTENUATION BASIN
 - SEDIMENT FOREBAY
 - PROPOSED CARRIER DRAIN
 - PROPOSED CARRIER FILTER DRAIN
 - PROPOSED FILTER DRAIN
 - PROPOSED DITCH
 - PROPOSED SWALE
 - EXISTING DITCH
 - DITCH TO BE REMOVED
 - PROPOSED HEADWALL
 - PROPOSED GULLY
 - PROPOSED CULVERT
 - EXISTING DRAINAGE
 - EXCEEDANCE FLOW ARROWS

**FOR PLANNING APPLICATION
 SUBMISSION ONLY**



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REV	DATE	BY	DESCRIPTION	CHK	APP
P03	09/02/2024	AN	BASIN EARTHWORKS UPDATED.	JL	SP
P02	19/12/2023	SR	DRAWING NOTES UPDATED, OS MAP TILES AND COPYRIGHT DISCLAIMER UPDATED	JL	SP
P01	23/11/2023	SR	FIRST ISSUE	DW	JL

DRAWING STATUS: S2 - FOR INFORMATION

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CLIENT: NORFOLK COUNTY COUNCIL

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 County Council

ARCHITECT:

PROJECT: WEST WINCH HOUSING ACCESS ROAD

TITLE: DRAINAGE STRATEGY SHEET 04 OF 04

SCALE @ A1:	CHECKED:	APPROVED:	
1:2000	DW	JUL	
PROJECT No:	DESIGNED:	DRAWN:	DATE:
70100518	SR	AN	February 24
DRAWING No:	REV:		
70100518-WSP-HDG-WW-DR-CD-003	P03		

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