



DO NOT SCALE

DRAINAGE IN THIS AREA TO BE CONSIDERED AS PART OF FUTURE DEVELOPMENT

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

EXISTING A47

DRAINAGE IN THIS AREA TO BE CONSIDERED AS PART OF FUTURE DEVELOPMENT

OUTFALL INTO WATERCOURSE  
 I.L. 13.352  
 FLOW CONTROL DISCHARGE: 6.40/s

DETENTION BASIN 4  
 COVER LEVEL: 15.399  
 BASE LEVEL: 13.899  
 DEPTH: 1200mm + 300mm FREEBOARD  
 1:3 SIDE SLOPES  
 ATTENUATION VOLUME: 4.035m<sup>3</sup>  
 CATCHMENT AREA: 3.29ha  
 1 IN 100 + 40% CC  
 10% BASE AREA SEDIMENT FOREBAY

PROPOSED CULVERT  
 600mm  
 START I.L. 13.340m

PROPOSED CULVERT  
 600mm  
 END I.L. 13.257m

POLLUTION CONTAINMENT VALVE 6  
 TYPE TO BE SPECIFIED

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

FOR CONTINUATION SEE DRAWING: 70100518-WSP-HDG-WW-DR-CD-003

NOTES

1. THIS PLAN IS FOR INFORMATION PURPOSES ONLY.
2. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH THE WWHAR 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

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**FOR PLANNING APPLICATION SUBMISSION ONLY**

REV	DATE	BY	DESCRIPTION	CHK	APP
P03	09/02/2024	AN	BASIN EARTHWORKS UPDATED.	JLL	GH
P02	19/12/2023	AK	MANHOLES IN CARRIAGEWAY MOVED TO SOFT LANDSCAPE, RECTORY LANE BRIDGE DRAINAGE REVISED AND DRAWING NOTES UPDATED, OS MAP TILES AND COPYRIGHT DISCLAIMER UPDATED.	JLL	GH
P01	24/11/2023	AK	FIRST ISSUE	JLL	GH

DRAWING STATUS: S2 - FOR INFORMATION

**wsp**

62-64 Hills Road  
 Cambridge  
 CB2 1LA, UK

T+44 (0) 1223 558 050  
 F+44 (0) 1223 558 051  
 wsp.com

CLIENT: NORFOLK COUNTY COUNCIL

**Norfolk County Council**

ARCHITECT:

PROJECT: WEST WINCH HOUSING ACCESS ROAD

TITLE: DRAINAGE STRATEGY SHEET 02 OF 04

SCALE @ A1:	CHECKED:	APPROVED:	
1:2000	JLL	GH	
PROJECT No:	DESIGNED:	DRAWN:	DATE:
70100518	AK	AN	February 24
DRAWING No:	REV:		
70100518-WSP-HDG-WW-DR-CD-004	P03		

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