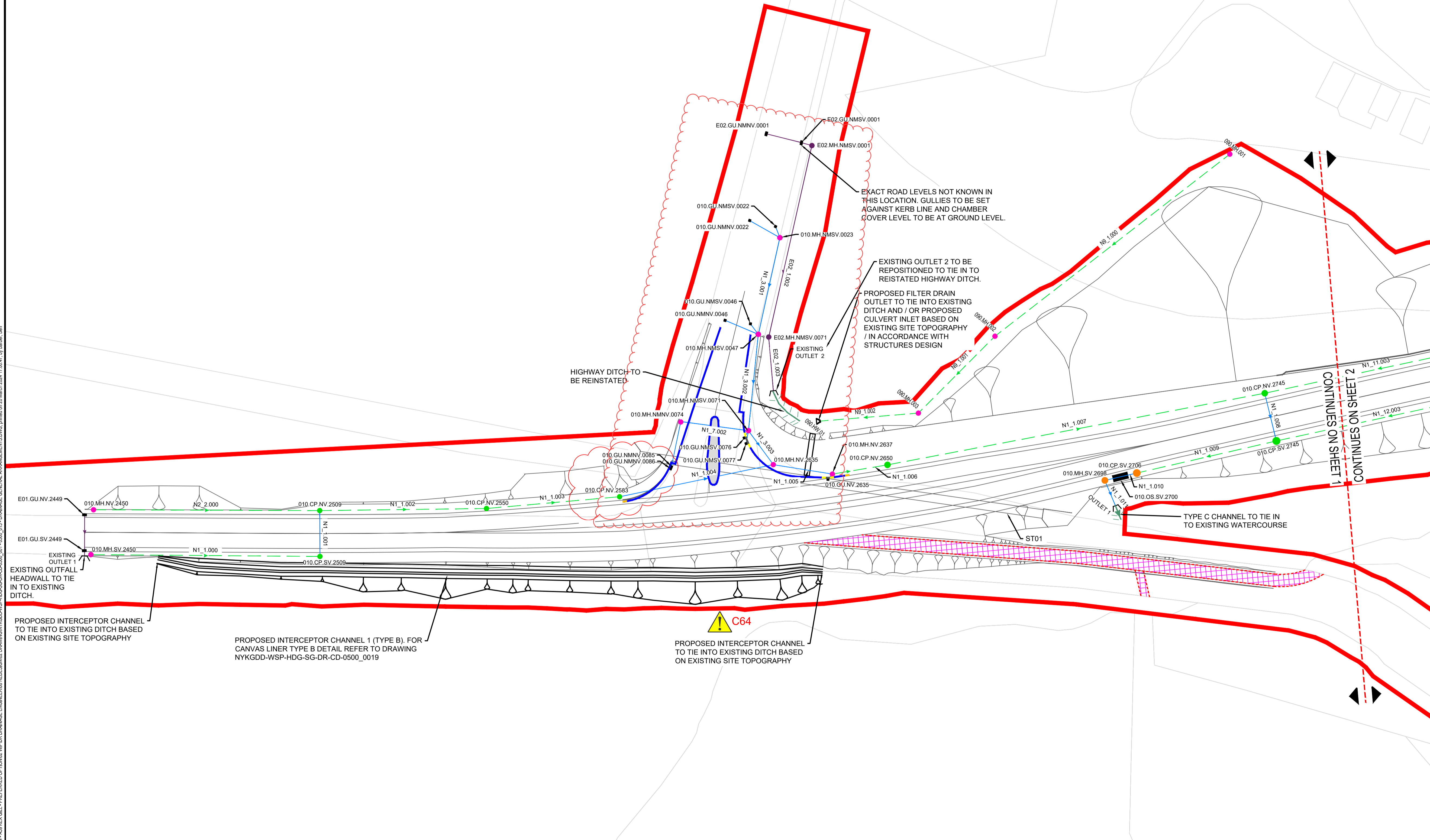


LOCATION PLAN

- NOTES
- THE DETAILS PROVIDED IN THIS DRAWING ARE LOCATED TO ORDNANCE SURVEY (OS) BRITISH NATIONAL GRID COORDINATES
 - DRAWING TO BE PRINTED IN COLOUR
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT REFERENCE DRAWINGS, SPECIFICATIONS, AND SCHEDULES
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL THE DIMENSIONS AND FOR THE CORRECT SETTING OUT OF THE WORK ON SITE
 - DO NOT SCALE FROM THIS DRAWING, WORK FROM FIGURED DIMENSIONS AND SCHEDULES ONLY
 - ALL DIMENSIONS ARE IN MILLIMETRES, ALL LEVELS ARE IN METERS UNLESS STATED OTHERWISE. CHAINAGES ARE IN METERS
 - THE POSITION AND LEVELS OF ALL DRAINS ARE TO BE CONFIRMED ON SITE PRIOR TO THE COMMENCEMENT OF THE WORKS AND ANY DISCREPANCIES REPORTED IMMEDIATELY TO THE SUPERVISOR
 - ALL DRAINAGE TO COMPLY WITH THE REQUIREMENT OF DESIGN MANUAL FOR ROADS AND BRIDGES: VOLUME 4
 - CONNECTIONS TO MAIN HIGHWAY DRAINS ARE TO BE "Y" JUNCTIONS
 - ANY WORKS AFFECTING EXISTING WATERCOURSES REQUIRE ENVIRONMENT AGENCY AND / OR LOCAL AUTHORITY APPROVAL
 - THE PROPOSED OUTFALL LOCATIONS, EXISTING GROUND LEVELS, INVERT LEVELS, THE EXISTING RECEIVING CHANNEL BED LEVELS AND EXACT EMBANKMENT SLOPES ARE UNKNOWN AND THE DESIGN HAS BEEN BASED ON LIDAR INFORMATION. THE CONTRACTOR IS THEREFORE REQUIRED TO UNDERTAKE A FULL SURVEY OF THE EXISTING AND PROPOSED OUTFALL LOCATIONS AND RECEIVING WATERCOURSE DETAILS PRIOR TO CONSTRUCTION. THIS SURVEY INFORMATION WILL NEED TO BE PROVIDED TO THE CLIENT'S PROJECT MANAGER/SUPERVISOR FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
 - THE LOCATION OF THE EXISTING AND PROPOSED HIGHWAY CULVERT STRUCTURES AND THE EXISTING AND REALIGNED WATERCOURSE ARE SHOWN INDICATIVELY ONLY ON THIS DRAWING. FOR ACCURATE WATERCOURSE ALIGNMENT, REALIGNMENT DETAILS, PROPOSED CULVERT DETAILS, LANDSCAPING DETAILS, INTERCEPTOR CHANNEL DETAILS, REFER TO THE INDIVIDUAL DESIGN DRAWINGS FOR EACH DISCIPLINE FOR MORE INFORMATION. FOR TYPICAL CROSS SECTION DETAILS OF THE PROPOSED INTERCEPTOR CHANNELS A AND B, REFER TO DRAWING REF NYKGGD-WSP-HDG-SG-DR-CD-0500_0019 TO DRAWING NYKGGD-WSP-HDG-SG-DR-CD-0500_0020.
 - POLLUTION CONTROL UNITS TO BE IN ACCORDANCE WITH THE POLLUTION CONTROL UNIT SCHEDULE. REF NYKGGD-WSP-HDG-SG-DR-CD-00001.
 - THE PROPOSED OUTFALL HEADWALLS TO BE IN ACCORDANCE WITH THE HEADWALL DRAWING NYKGGD-WSP-HDG-SG-DR-CD-0500_024.
 - THE LOCATION OF THE EXISTING AND PROPOSED HIGHWAY CULVERT STRUCTURES AND THE EXISTING AND REALIGNED WATERCOURSE ARE SHOWN INDICATIVELY ONLY ON THIS DRAWING. FOR ACCURATE WATERCOURSE ALIGNMENT, REALIGNMENT DETAILS, PROPOSED CULVERT DETAILS, LANDSCAPING REFER TO THE INDIVIDUAL DESIGN DRAWINGS FOR EACH DISCIPLINE FOR MORE INFORMATION.
 - THE SETTING OUT POINTS FOR CULVERT 1 & 2 AND THE ASSOCIATED INTERCEPTOR CHANNELS ARE PROVIDED IN THE DRAINAGE SCHEDULE NYKGGD-WSP-HDG-SG-DR-CD-00001. THESE ARE TO BE USED IN CONJUNCTION WITH THE 3D MODEL PROVIDED.
 - THE 3D MODEL IS BASED ON EXISTING LIDAR DATA AND THEREFORE ALL LEVELS ARE TO BE CONFIRMED ON SITE AND ANY DISCREPANCIES REPORTED IMMEDIATELY TO THE SUPERVISOR.
 - FOR TYPICAL CROSS SECTION DETAILS OF THE PROPOSED INTERCEPTOR CHANNELS A AND B, REFER TO DRAWING NYKGGD-WSP-HDG-SG-DR-CD-0500_0019 TO DRAWING NYKGGD-WSP-HDG-SG-DR-CD-0500_0020.
 - FOR INTERCEPTOR CHANNELS AND ASSOCIATED CULVERT 1 AND 2 DETAILS REFER TO DRAWING NYKGGD-WSP-HDG-SG-DR-CD-0500_0019 TO DRAWING NYKGGD-WSP-HDG-SG-DR-CD-0500_0024.
 - WILD LIFE REFUGE 'ROCK ROLLS' TO BE INSTALLED EVERY 50M ALONG THE INTERCEPTOR CHANNELS. FOR DETAILS REFER TO DRAWING NYKGGD-WSP-HDG-SG-DR-CD-0500_0021.
 - BED & SLOPE PROTECTION ARRANGEMENTS (ROCK ARMOUR) TO BE INSTALLED AT TIE IN POINTS FOR THE INTERCEPTOR CHANNELS AND EXISTING PROPOSED WATERCOURSES. FOR DETAILS REFER TO DRAWING NYKGGD-WSP-HDG-SG-DR-CD-0500_0022.



FOR CONTINUATION REFER TO NYKGGD-WSP-HDG-SG-DR-CD-0500_002

NO	DATE	BY	DESCRIPTION	CHK	APP
001	31/07/2023	MA	FOR CONSTRUCTION	BB	MW

DRAWING STATUS: S3 - FOR REVIEW

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CLIENT: North Yorkshire County Council

DESIGNER: wsp

SITE PROJECT: A59 KEX GILL DIVERSION

TITLE: HIGHWAY DRAINAGE GENERAL ARRANGEMENT SHEET 1 OF 13

SCALE @ A1: 1:500	CHECKED: BB	APPROVED: MW
PROJECT NO: 70049554	DESIGNED: BB	DATE: 31/07/2023

DRAWING NO: NYKGGD-WSP-HDG-SG-DR-CD-0500_001 REV: C01

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File name: UK_VSPGROUP_COM\CENTRAL_DATA\PROJECTS\040500\04954_A59_KEX_GILL_PREFERRED_OPTION\2_WIPDR_DRAINAGE_ENGINEERING\DESIGNING\DRAWING\NYKGGD-WSP-HDG-SG-DR-CD-0500_001_0500_013_DRAINAGE_GENERAL_ARRANGEMENTS.DWG, printed on 20/07/2023 17:00:47 by Barber, Ben

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SAFETY, HEALTH AND ENVIRONMENTAL SYMBOL LEGEND

INDICATES A RESIDUAL RISK AS A WARNING

SYMBOL	DESCRIPTION
	INDICATES A RESIDUAL RISK AS A WARNING

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS. FOR FURTHER INFORMATION, PLEASE REFER TO T447 (SIGNIFICANT RESIDUAL RISKS)

CONSTRUCTION	REF	DESCRIPTION
REF 044	UNDERGROUND UTILITIES	
	MAINTENANCE/CLEANING	
	NONE	
	USE	
	NONE	
	DECOMMISSIONING/DEMOLITION	
	NONE	

DRAINAGE KEY

	PROPOSED CARRIER DRAIN
	PROPOSED FILTER DRAIN
	PROPOSED OPEN CHANNEL
	EXISTING DRAINAGE NETWORK
	FLOW DIRECTION
	PROPOSED INSPECTION CHAMBER
	PROPOSED CATCHPIT MANHOLE CHAMBER
	PROPOSED FLOW CONTROL/PENSTOCK MANHOLE CHAMBER
	PROPOSED SINGLE TWIN STANDARD GULLY
	PROPOSED POLLUTION CONTROL (BYPASS SEPARATOR, REFER TO NOTE 13)
	PROPOSED OUTLET HEADWALL (REFER TO NOTE 14)
	RED LINE BOUNDARY
	EXISTING FIELD DRAINAGE DITCH
	INTERCEPTOR CHANNEL