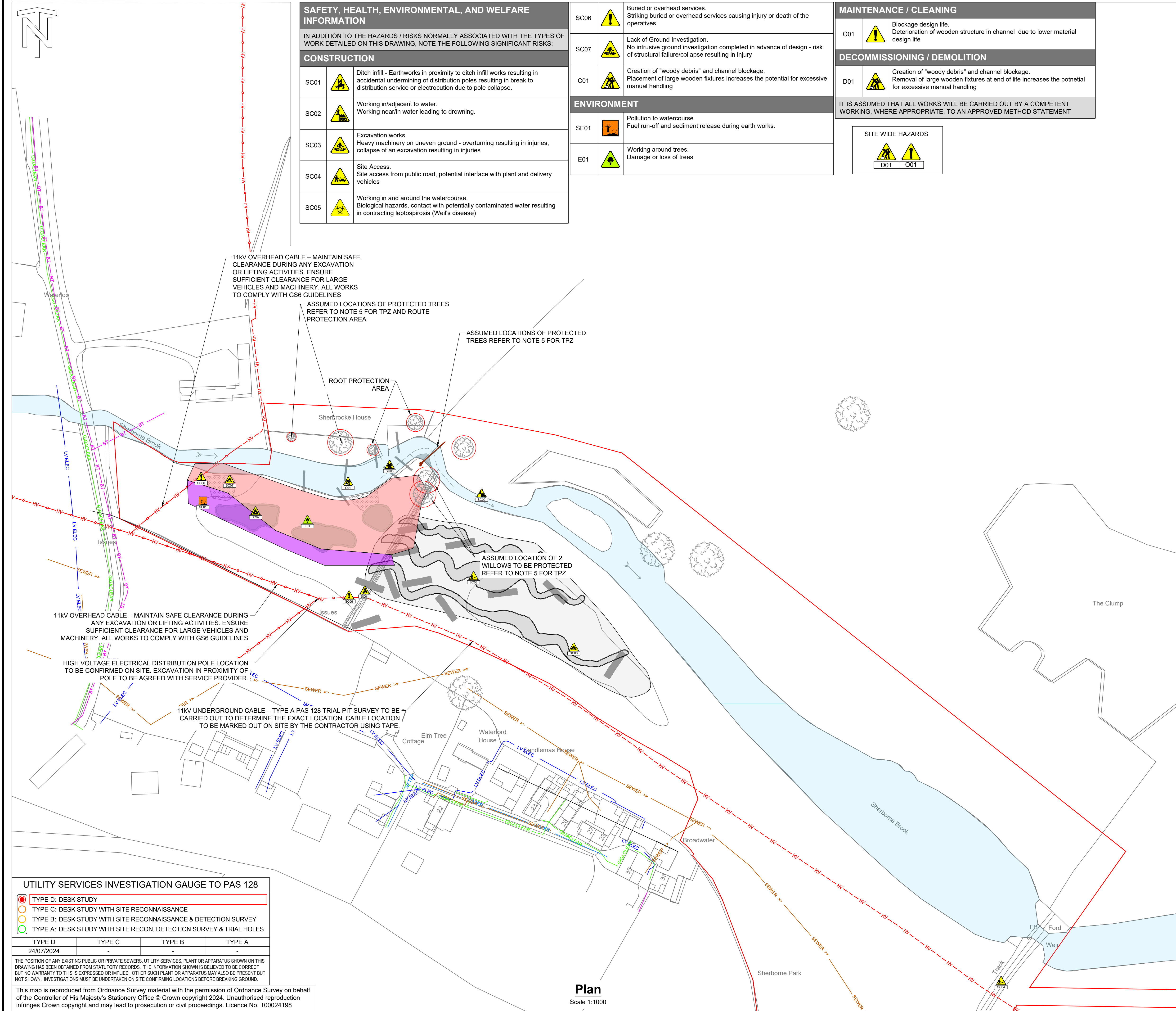




SAFETY, HEALTH, ENVIRONMENTAL, AND WELFARE INFORMATION		
IN ADDITION TO THE HAZARDS / RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RISKS:		
CONSTRUCTION		
SC01		Ditch infill - Earthworks in proximity to ditch infill works resulting in accidental undermining of distribution poles resulting in break to distribution service or electrocution due to pole collapse.
SC02		Working in/adjacent to water. Working near/in water leading to drowning.
SC03		Excavation works. Heavy machinery on uneven ground - overturning resulting in injuries, collapse of an excavation resulting in injuries
SC04		Site Access. Site access from public road, potential interface with plant and delivery vehicles
SC05		Working in and around the watercourse. Biological hazards, contact with potentially contaminated water resulting in contracting leptospirosis (Weil's disease)

SC06		Buried or overhead services. Striking buried or overhead services causing injury or death of the operatives.
SC07		Lack of Ground Investigation. No intrusive ground investigation completed in advance of design - risk of structural failure/collapse resulting in injury
C01		Creation of "woody debris" and channel blockage. Placement of large wooden fixtures increases the potential for excessive manual handling
ENVIRONMENT		
SE01		Pollution to watercourse. Fuel run-off and sediment release during earth works.
E01		Working around trees. Damage or loss of trees

MAINTENANCE / CLEANING	
O01	Blockage design life. Deterioration of wooden structure in channel due to lower material design life
DECOMMISSIONING / DEMOLITION	
D01	Creation of "woody debris" and channel blockage. Removal of large wooden fixtures at end of life increases the potnetial for excessive manual handling
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT	

SITE WIDE HAZARDS	
D01	O01

- General Notes**
- All dimensions shown are in metres unless otherwise stated and levels in metres to Ordnance Datum.
 - Do not scale from this drawing. All dimensions must be checked/verified on site.
 - Any discrepancies noted on site are to be reported to the Engineer immediately.
 - All works in watercourses will be carried out with care to minimise the risk of pollution.
 - Works affecting flood defences or watercourses may require a Flood Risk Activity Permit (main rivers) or Land Drainage Consent (ordinary watercourses)"
 - The locations of any known services shown on drawing are approximate and for guidance only. The Contractor will confirm the location of any services prior to the commencement of any works.
 - The electronic model of this drawing is not to be used for setting out.
 - All dimensions, locations and elevations are based on LiDAR or topographic survey data where available . Confirmation of levels to be agreed on site with Engineer prior to commencement of works.
- Drawing Notes**
- This drawing is to be read in conjunction with:
JPD-JBAU-XX-XX-DR-C-1001-Location_Plan
JPD-JBAU-XX-XX-DR-C-1002-General_Arrangement
JPD-JBAU-XX-XX-DR-C-1003-Hazards&Constraints
JPD-JBAU-XX-XX-DR-C-3001-Cross_Sections_1_of_2
JPD-JBAU-XX-XX-DR-C-3002-Cross_Sections_2_of_2
JPD-JBAU-XX-XX-DR-C-4001-Typical_Details_1_of_2
JPD-JBAU-XX-XX-DR-C-4002-Typical_Details_2_of_2
 - Woody Material to be field located during construction by lead Geomorphologist.
 - Contractor shall be furnished with electronic CAD files defining finished ground elevations at all locations.
 - It is assumed that all rootballs to be removed to at least 300mm below final ground level as part of tree and shrub removal.
 - All works to be undertaken outside the tree protection zone (TPZ). Contractor to confirm tree stem diameter at 1.2m above ground level and tree protection zone at a radius of 12 times stem diameter. TPZ to be delineated with 1.2m fencing or alternative protection measures to be agreed with by client prior to construction. All dimensions shown are approximated, dimensions to be confirmed on site by contractor.
 - Contractor to form a minimum of 1:3 slopes in to existing ground using buckets or tracks to ensure smooth transition between existing ground and slopes.

LEGEND	
	SITE BOUNDARY
	AREA OF POPLAR TREES TO BE REMOVED BY CLIENT
	AREA OF SHRUBS TO BE REMOVED BY CLIENT
	BT TELECOMS OH
	LOW VOLTAGE ELECTRICAL
	GIGACLEAR FIBRE
	HIGH VOLTAGE OVERHEAD
	HIGH VOLTAGE UNDERGROUND
	TREES PROTECTION ZONE (TPZ)



P01	Detailed Design	00/00/00	AN	JA	NC	MH
Rev.	Description	Date	Author	Designer	Checker	Approver

Document Control	
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Project Title	SHERBORNE BROOK RESTORATION
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Drawing Title	Hazards & Constraints Plan
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Parent Model				NOT FROM MODEL	
Security Classification			Scale 1:1000 at A1		
Author A. Nadeem	Designer J. Alcock	Checker N. Collins	Approver M. Hemsworth		
Suitability SUITABLE FOR REVIEW AND COMMENT			Status S3	Revision P01	
Information Container JPD-JBAU-XX-XX-DR-C-1003			A1 Sheet Size		