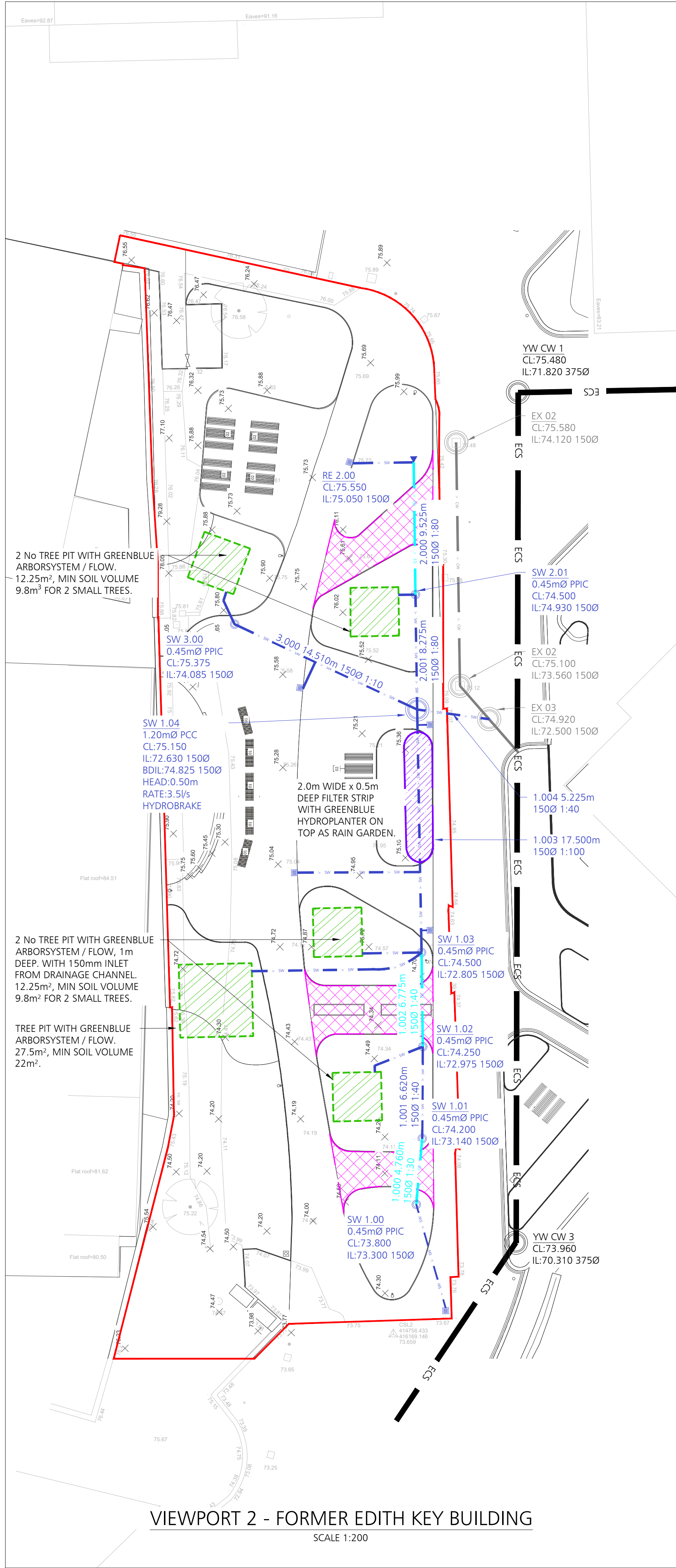
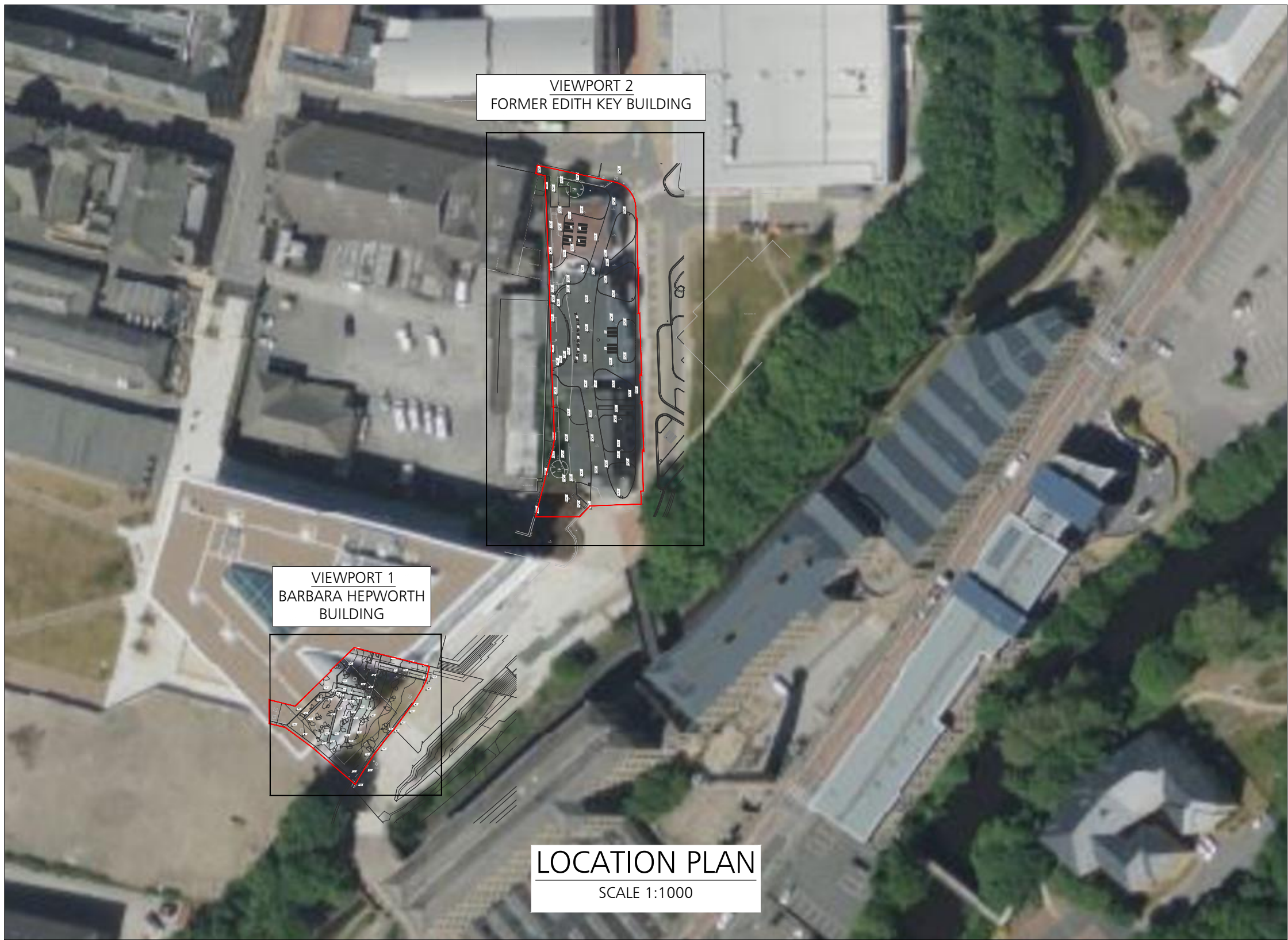
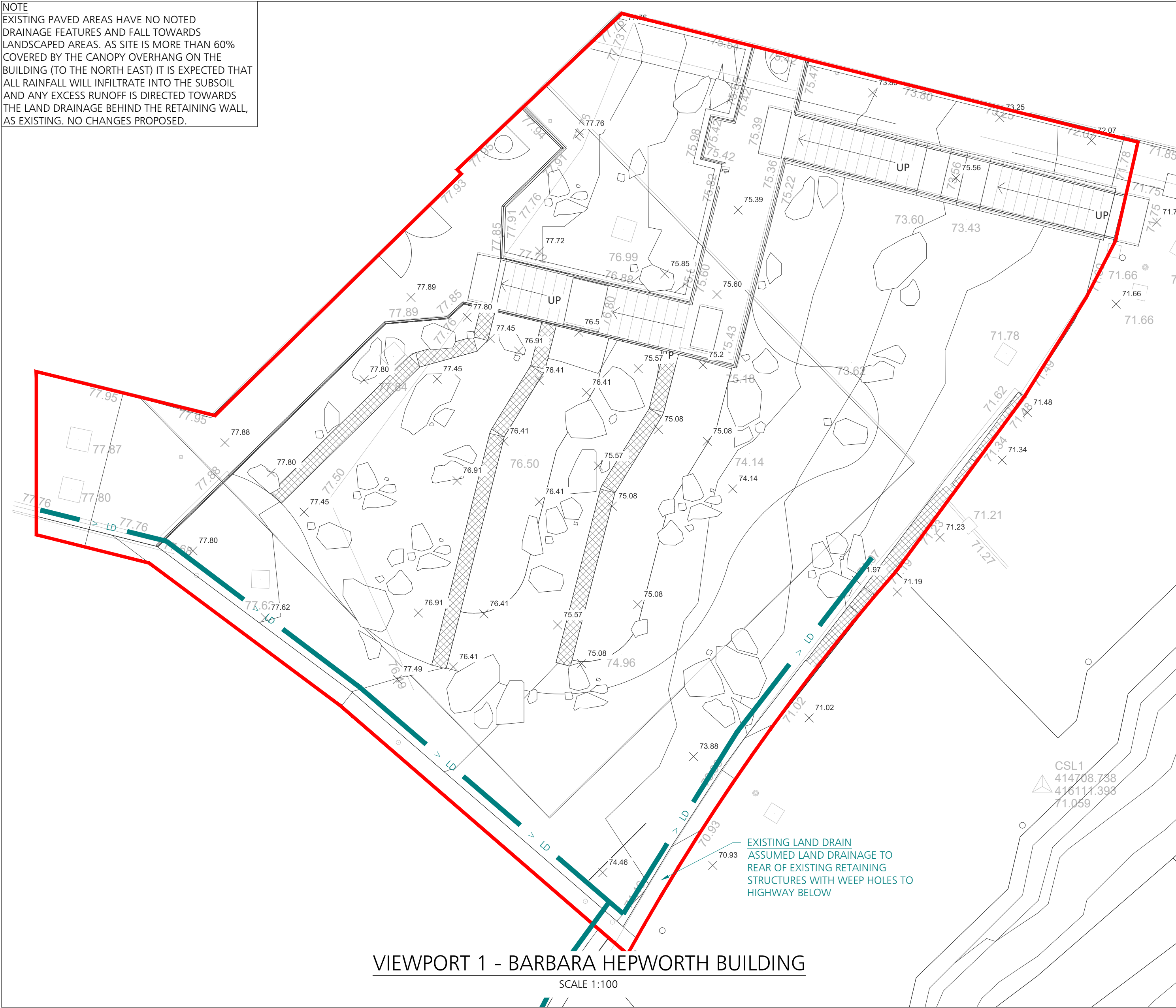


NOTE
EXISTING PAVED AREAS HAVE NO NOTED DRAINAGE FEATURES AND FALL TOWARDS LANDSCAPED AREAS. AS SITE IS MORE THAN 60% COVERED BY THE CANOPY OVERHANG ON THE BUILDING (TO THE NORTH EAST) IT IS EXPECTED THAT ALL RAINFALL WILL INFILTRATE INTO THE SUBSOIL AND ANY EXCESS RUNOFF IS DIRECTED TOWARDS THE LAND DRAINAGE BEHIND THE RETAINING WALL, AS EXISTING. NO CHANGES PROPOSED.



DO NOT SCALE

DESIGNERS HAZARD IDENTIFICATION

IT IS ASSUMED THAT ALL WORKS WILL BE UNDERTAKEN BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT. IN ADDITION TO THE HAZARDS TYPICALLY ASSOCIATED WITH THE TYPES OF CONSTRUCTION DETAILED ON THIS DRAWING, ANY KNOWN ABNORMAL HAZARDS SPECIFIC TO THIS SCHEME HAVE BEEN IDENTIFIED.



ABNORMAL
HAZARD
REFERENCE

NOTES

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING IS TO BE REPRODUCED IN COLOUR.
- IF ANY DISCREPANCIES ARE FOUND IN THIS DRAWING, PLEASE REPORT TO DUDLEYS CONSULTING ENGINEERS.
- THIS DRAWING HAS BEEN ORIENTATED TO OS BRITISH NATIONAL GRID (EPSG:27700 OSGB36). EXISTING SURVEY STATIONS ARE SHOWN ON THE TOPOGRAPHICAL SURVEY.
- THIS DRAWING IS BASED ON THE FOLLOWING INFORMATION:
 - 5.1. 14051-01 - TOPOGRAPHICAL SURVEY BY CSL SURVEYS DATED NOVEMBER 2024
 - 5.2. (00)100 - REV P04 - SITE LAYOUT PLAN BY GSS ARCHITECTURE DATED MAY 2025
 - 5.3. (00)200 - REV P06 - SITE LAYOUT PLAN BY GSS ARCHITECTURE DATED MAY 2025
- ALL WORK TO BE UNDERTAKEN IN ACCORDANCE WITH THE CURRENT EDITION OF THE BUILDING REGULATIONS, SEWERAGE SECTOR CODES OF PRACTICE, AND THE RELEVANT LOCAL HIGHWAY AUTHORITY STANDARDS.
- EXISTING BUILDING HAS BEEN DEMOLISHED AND NO EXISTING ACTIVE DRAINAGE IS PRESENT ON SITE. SITE IS TO BE ASSESSED AS GREENFIELD. GREENFIELD RATE FOR THE 1600m² IS 0.52L/S. MINIMUM PRACTICABLE RATE FOR THE SITE IS 3.5L/S TO ENSURE THAT FLOW RESTRICTIONS CAN BE MAINTAINABLE.
- NO SI UNDERTAKEN AT THIS STAGE, BUT SITES ARE PREVIOUSLY DEVELOPED AND FULLY CONSTRAINED, INFILTRATION IS NOT LIKELY.
- SUDS USED TO ALLOW FOR PLANT WATER UPTAKE AND TO ENSURE THAT TREES HAVE ADEQUATE ROOT SPACE FOR GROWTH IN ACCORDANCE WITH BNG ASSESSMENT. ATTENUATION DESIGN AROUND THE ROOT STORAGE SYSTEMS AND RAIN GARDENS TO ENSURE THAT ALL FLOWS UP TO THE 1:100 + 45% STORM EVENT ARE CATERED FOR WITHOUT FLOODING.

KEY

- PROPOSED PRIVATE SURFACE WATER DRAIN
- PROPOSED PRIVATE SURFACE WATER MANHOLE
- PROPOSED PRIVATE SURFACE WATER PPIC
- PROPOSED PRIVATE SURFACE WATER RODDING EYE
- PROPOSED PRIVATE SURFACE WATER YARD GULLY
- EXISTING ADOPTED COMBINED WATER SEWER
- EXISTING ADOPTED COMBINED WATER MANHOLE
- EXISTING PRIVATE COMBINED WATER DRAIN
- EXISTING PRIVATE COMBINED WATER MANHOLE
- TREE PIT
- FILTER DRAIN UNDER RAIN GARDEN
- EXISTING LAND DRAIN
- PROPOSED PRIVATE PERMEABLE PAVEMENT
- PROPOSED PRIVATE FILTER DRAIN
- SITE BOUNDARY

12.06.25	TREE PITS REMOVED AND RELOCATED	OB	SDR	P03
11.06.25	SITE LAYOUT REVISED - CHANNEL DRAINS REPLACED WITH GULLIES	OB	SDR	P02
03.01.25	PRELIMINARY ISSUE	SDR	SDR	P01
DATE	REVISION DESCRIPTION	BY	CHK.	REV.

DUDLEYS
CONSULTING ENGINEERS

Tithe House
35 Town Street
Leeds, LS18 5UJ
0113 258 3611
info@dudleys.co.uk

PROJECT
**UNIVERSITY OF HUDDERSFIELD
BARBARA HEPWORTH AND EDITH
KEY PUBLIC OPEN SPACES**

TITLE
DRAINAGE STRATEGY

SCALE	PAPER	STAGE	STATUS
AS SHOWN	A1	PRELIMINARY	
DRAWING NO.	24462-DCE-XX-XX-D-C-100		REV.
			P03