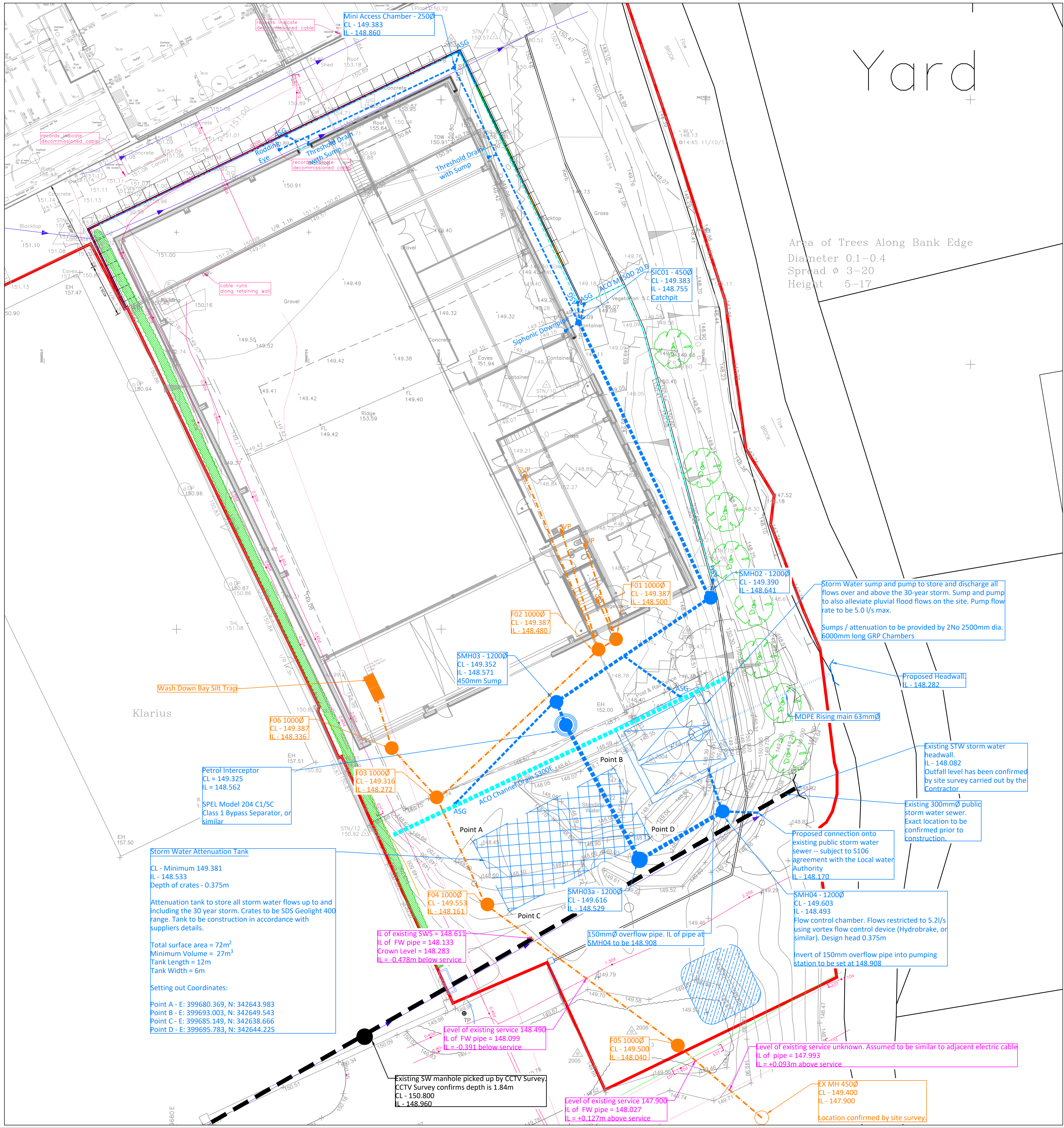
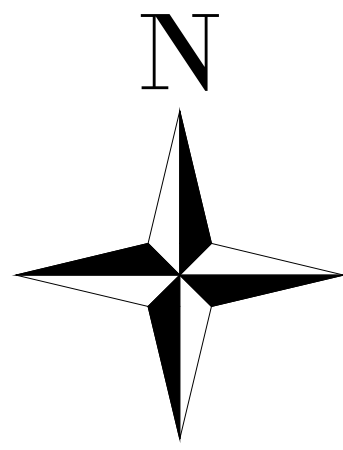




Yard

Area of Trees Along Bank Edge
Diameter 0.1-0.4
Spread Ø 3-20
Height 5-17

Key

- Proposed storm water pipe
- Proposed storm water rising main (Ø63mm)
- Proposed storm water Inspection chamber / manhole
- Proposed storm water geocellular attenuation tank
- Proposed ACO Hexdrain pedestrian channel drain (or similar). Slot drain on threshold
- Proposed ACO sump gully and 100mmØ outlet
- Proposed Rainwater Pipe
- Proposed SVP
- Proposed 100mmØ foul water pipe
- Proposed foul water inspection chamber
- Proposed foul water rising main

- Notes**
- This drawing must be read in conjunction with the site investigation report. Before work commences contractor should consult the engineer and the SI report regarding any contamination issues. All necessary health and Safety measures to be taken.
 - All external drainage works shall be constructed in accordance with civil engineering specification for the water industry and the Building regulations Part H and BS EN 752.
 - All manhole and drainage covers shall comply with BS EN 124. Covers to be:
Class D400 in Highway Areas (Road)
Class C250 in Lightly trafficked areas (car parks).
Class B125 in landscape and non trafficked areas (min. 100mm dp frame).
 - Pipes to be :- Vitrified clay to BS EN 295 or Concrete to BS 5911 or UPVC pipes to BS EN 1452 or Thermoplastic Structured wall pipes complying with WIS 4-35-01. BSi kitemarked. Class 8kM/m² nominal short term ring stiffness.
 - All pipes to be laid with soffits level, unless noted otherwise.
 - All pipes beneath buildings to be B&S in concrete. Where cover is less than 300mm the concrete is to be cast integrally with the floor slab.
 - Ventilation shall be provided at the head of the foul drainage runs.
 - For setting out of SVP and RWP, see architects layout.
 - Threshold drainage is required where levels fall towards a building entrance. Architect to confirm if not required.
 - All pipelines shall be tested both before and after backfilling, using either air test or water test, in accordance with BS EN 1610.

C06	FW IL Revised	SJ	SJ	10/07/23
C05	Existing Headwall location revised	SJ	SJ	10/07/23
C04	Foul Water Layout Revised	SJ	SJ	09/07/23
C03	Attenuation Tank Footprint Revised	SJ	SJ	26/05/23
C02	Invert levels and Tank Revised	SJ	SJ	25/05/23
C01	Revised for Construction	SJ	SJ	17/05/23
P05	Channel Drain changed to suit slab levels	SJ	SJ	25/04/23
P04	Foul water drainage added	SJ	SJ	11/04/23
P03	Revised following LLFA Comments	SJ	SJ	15/03/23
P02	Pump relocated at clients request	SJ	SJ	15/03/23
P01	Issued for Comment	SJ	SJ	14/03/23

REV	AMENDMENT	BY	CHK	DATE
PROJECT EXECUTION CLASS:				
All materials supplied in relations to those specified on this drawing are to be CE marked in accordance with the European Union Declaration of conformity.				

DRAWING STATUS

FOR CONSTRUCTION

C2C CONSULTING ENGINEERS LTD
CIVIL | STRUCTURAL | DESIGN

The Old Church Offices
Shelton New Road
Harnhill, Stoke on Trent
ST4 6DP
Email: mail@c2cconsulting.co.uk Telephone: 01782 980330

CLIENT

Vulcan Refectories

PROJECT

Proposed Replacement Industrial Unit

DRAWING TITLE

Drainage Layout

SHEET SIZE	SCALE	DATE	DRAWN	CHECKED	STATUS
A1		14/03/2023	SJ	J1	S1
PROJECT No.	DRAWING No.				REV
220530	C2C - XX - XX - M2 - D				C06

CONTRACTOR TO CARRY OUT HAND-DUG TRIALS PITS WHERE PROPOSED FOUL WATER IS TO CROSS EXISTING BURIND SERVICES TO ACCURATELY CONFIRM LEVELS, PRIOR TO CONSTRUCTION OF ANY FOUL WATER DRAINAGE

PROPOSED DRAINAGE SUBJECT TO SIPHONICS ROOF DRAINAGE DESIGN BY OTHERS TO CONFIRM RAINWATER DOWNPIPE LOCATIONS AND FLOWS

PROPOSED DRAINAGE SUBJECT TO DIRECT S106 APPROVAL BY THE LOCAL WATER AUTHORITY

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THEY HAVE TAKEN THE NECESSARY PRECAUTIONS TO SATISFY THEMSELVES OF THE LOCATION EXISTING BELOW GROUND SERVICES, PRIOR TO CONSTRUCTION, AND THAT GOOD WORKING PRACTICES (IN LINE WITH HSG 47) HAVE BEEN FOLLOWED AND IMPLEMENTED