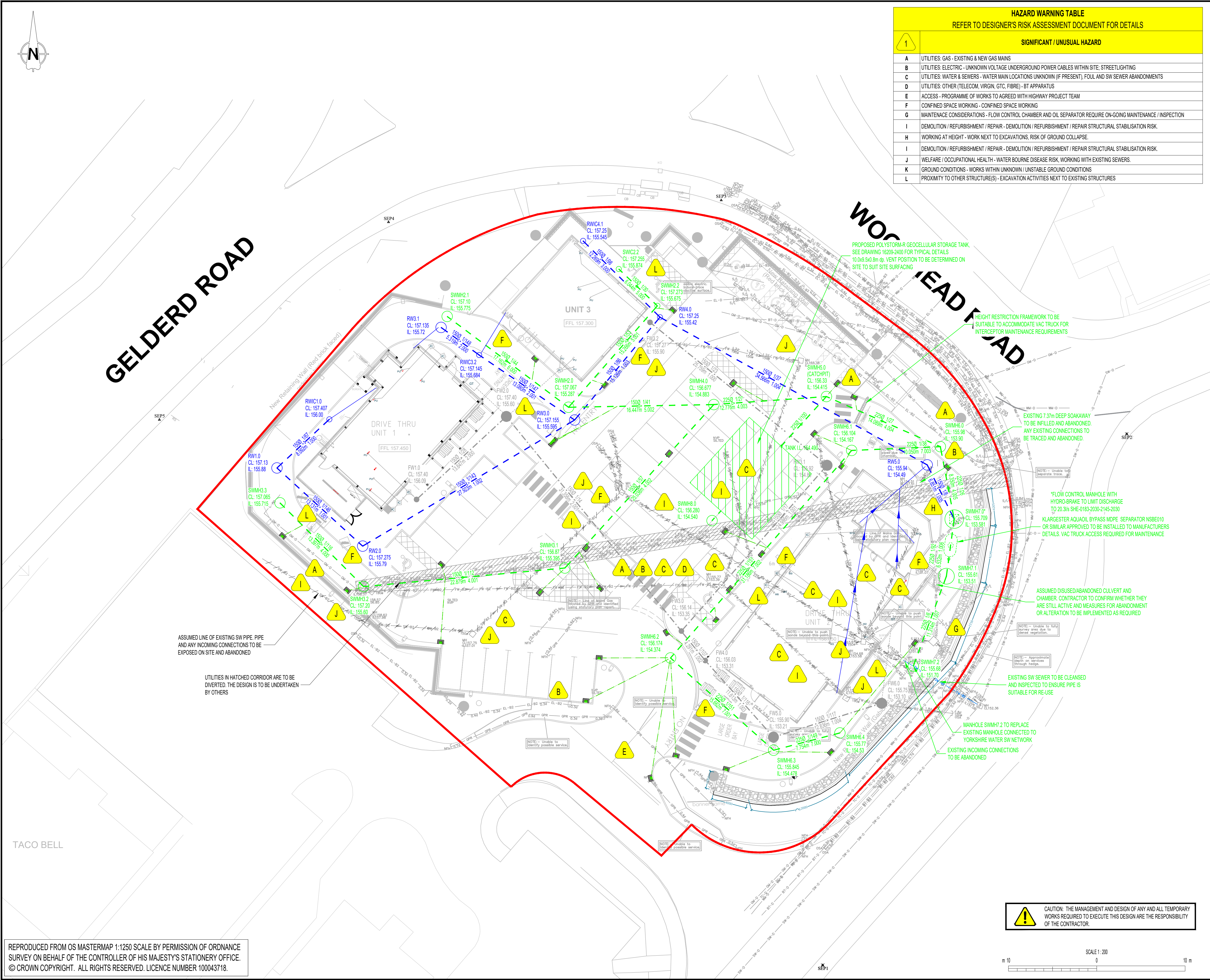
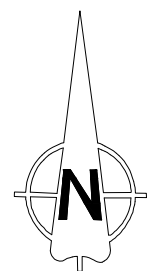




HAZARD WARNING TABLE	
REFER TO DESIGNER'S RISK ASSESSMENT DOCUMENT FOR DETAILS	
1	SIGNIFICANT / UNUSUAL HAZARD
A	UTILITIES: GAS - EXISTING & NEW GAS MAINS
B	UTILITIES: ELECTRIC - UNKNOWN VOLTAGE UNDERGROUND POWER CABLES WITHIN SITE: STREETLIGHTING
C	UTILITIES: WATER & SEWERS - WATER MAIN LOCATIONS UNKNOWN (IF PRESENT), FOUL AND SW SEWER ABANDONMENTS
D	UTILITIES: OTHER (TELECOM, VIRGIN, GTC, FIBRE) - BT APPARATUS
E	ACCESS - PROGRAMME OF WORKS TO AGREED WITH HIGHWAY PROJECT TEAM
F	CONFINED SPACE WORKING - CONFINED SPACE WORKING
G	MAINTENANCE CONSIDERATIONS - FLOW CONTROL CHAMBER AND OIL SEPARATOR REQUIRE ON-GOING MAINTENANCE / INSPECTION
H	DEMOLITION / REFURBISHMENT / REPAIR - DEMOLITION / REFURBISHMENT / REPAIR STRUCTURAL STABILISATION RISK.
I	WORKING AT HEIGHT - WORK NEXT TO EXCAVATIONS, RISK OF GROUND COLLAPSE.
J	DEMOLITION / REFURBISHMENT / REPAIR - DEMOLITION / REFURBISHMENT / REPAIR STRUCTURAL STABILISATION RISK.
K	WELFARE / OCCUPATIONAL HEALTH - WATER BOURNE DISEASE RISK, WORKING WITH EXISTING SEWERS.
L	GROUND CONDITIONS - WORKS WITHIN UNKNOWN / UNSTABLE GROUND CONDITIONS
L	PROXIMITY TO OTHER STRUCTURE(S) - EXCAVATION ACTIVITIES NEXT TO EXISTING STRUCTURES

- NOTES
- ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS SHOWN OTHERWISE.
 - THIS DESIGN IS PROPOSED ON THE BASIS OF CLIENT BRIEF, SPECIFICATIONS, BEST PRACTICE AND RISK REDUCTION / ELIMINATION. THE DESIGNER MUST BE CONSULTED ON ANY PROPOSED CHANGES, BEFORE THEY ARE CONSIDERED FOR IMPLEMENTATION.
 - TOPOGRAPHICAL SURVEY DATA SHOWN HAS BEEN CARRIED OUT BY SURVEY & ENGINEERING PROJECTS (NOVEMBER 2022).
 - THE POSITIONS OF THE APPARATUS OF STATUTORY UNDERTAKERS, HIGHWAY AUTHORITIES AND OTHERS CLOSE TO THE WORKS HAVE BEEN PROVIDED FOR INFORMATION ONLY. NO WARRANTY IS GIVEN AS TO THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND ERRORS AND OMISSIONS SHALL NOT BE TAKEN AS A CHANGE TO THE WORKS INFORMATION OR SCOPE OF WORKS. IN PARTICULAR, NO SERVICE CONNECTIONS TO INDIVIDUAL PROPERTIES ARE SHOWN. WHERE SERVICES ARE NOT SHOWN THIS SHALL NOT BE TAKEN AS EVIDENCE THAT NO SERVICES ARE PRESENT AND THE CONTRACTOR SHALL ENSURE HE HAS CONSULTED ALL RELEVANT RECORDS. THE CONTRACTOR SHALL CHECK AND CONFIRM THE POSITION OF ALL SERVICES PRIOR TO EXCAVATION.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH
16209-2001
16209-2002
16209-2003
16209-2200
16209-2400
16209-2401
 - ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CESWI 8 [CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (8TH EDITION)].
 - PROPOSED DEVELOPMENT LAYOUT PROVIDED BY FRANK BELSHAW BUILDING SURVEYORS LTD. ON DATE 04/04/2023.

- KEY
- AREA OF RESIDUAL EXTRAORDINARY / UNEXPECTED HAZARD. SEE DESIGNER'S RISK ASSESSMENT
 - SITE BOUNDARY
 - EXISTING GAS MAIN
 - EXISTING TELECOMS
 - EXISTING ELECTRIC CABLE
 - EXISTING WATER MAIN
 - EXISTING FOUL SEWER TO BE ABANDONED
 - EXISTING SURFACE WATER SEWER TO BE ABANDONED
 - EXISTING UTILITIES TO BE DIVERTED (BY OTHERS)
 - PROPOSED FOUL SEWER AND MANHOLE
 - PROPOSED CAR PARK DRAINAGE SURFACE WATER SEWER AND MANHOLE
 - PROPOSED ROOF DRAINAGE SEWER AND MANHOLE

REFERENCE CALCULATIONS	
16209-251124-SW HYDRAULIC MODEL-1	

SITE LOCATION	
GRID REFERENCE:	423615 427492
SITE ADDRESS:	GELDERD ROAD, BIRSTALL, BATLEY, WF17 9TB

T03	14/06/2026	DRAINAGE UPDATED IN ACCORDANCE WITH LLFA COMMENTS	CF	TI	MW
T02	26/11/2025	DRAINAGE UPDATED IN ACCORDANCE WITH LLFA COMMENTS & SDS DRAWING	CF	TI	MW
T01	12/06/2025	FIRST ISSUE	CF	TI	MW
REV	DATE	DESCRIPTION	ORG	CHK	APP

CLIENT

PRINCIPAL DESIGNER

Waterco Ltd., Eden Court,
Lon Parcov Business Park, Ruffin LL15 1NJ

tel (+44) 1824 702220
www.waterco.co.uk

SCHEME

CENTRE 27 BUSINESS PARK, BIRSTALL

TITLE

PROPOSED SURFACE WATER DRAINAGE LAYOUT

ORIGINATOR	C. FREEMAN	CHECKER	T. INMAN	APPROVER	M. WELLINGTON
STATUS					
TENDER					
SCALE / SHEET SIZE	1:200 / A1				REV
DRAWING NUMBER	16209-2000				

CAUTION: THE MANAGEMENT AND DESIGN OF ANY AND ALL TEMPORARY WORKS REQUIRED TO EXECUTE THIS DESIGN ARE THE RESPONSIBILITY OF THE CONTRACTOR.