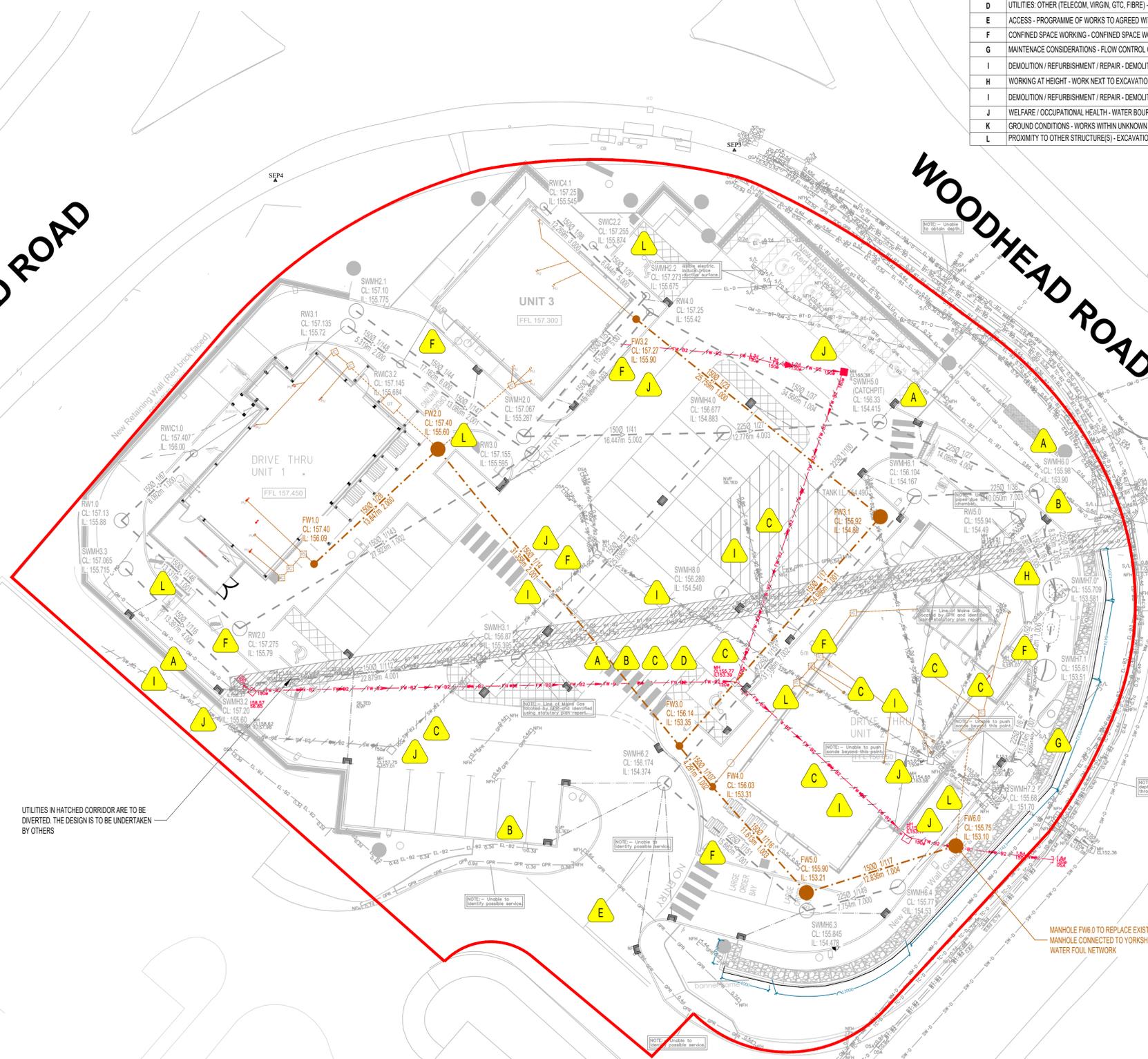




GELDERD ROAD

WOODHEAD ROAD



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 CHAMBERS 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:
16209-2000
16209-2002
16209-2003
16209-2201
16209-2400
 - 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 04/04/2025.

- 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	14/01/2026	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	12/08/2025	FIRST ISSUE	CF	TI	MW
REV	DATE	DESCRIPTION	ORG	CHK	APP



PRINCIPAL DESIGNER



Waterco Ltd., Eden Court, Lon Parcwr Business Park, Ruthin LL15 1NJ tel (+44) 1824 702220 www.waterco.co.uk

SCHEME
CENTRE 27 BUSINESS PARK, BIRSTALL

TITLE
PROPOSED FOUL DRAINAGE LAYOUT

ORIGINATOR C. FREEMAN	CHECKER T. INMAN	APPROVER M. WELLINGTON
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STATUS
TENDER

SCALE / SHEET SIZE 1:200 / A1	REV T02
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DRAWING NUMBER
16209-2001

REPRODUCED FROM OS MASTERMAP 1:1250 SCALE BY PERMISSION OF ORDNANCE SURVEY ON BEHALF OF THE CONTROLLER OF HIS MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT. ALL RIGHTS RESERVED. LICENCE NUMBER 100043718.

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

SCALE 1:200

UTILITIES IN HATCHED CORRIDOR ARE TO BE DIVERTED. THE DESIGN IS TO BE UNDERTAKEN BY OTHERS

MANHOLE FW6.0 TO REPLACE EXISTING MANHOLE CONNECTED TO YORKSHIRE WATER FOUL NETWORK

TACO BELL