

**HEALTH & SAFETY RISKS**

IN ADDITION TO THE STANDARD HAZARDS AND RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORK DETAILED ON THIS DRAWING, PLEASE NOTE THE FOLLOWING RESIDUAL HEALTH AND SAFETY RISKS

**CONSTRUCTION RISKS**

- CR01 GARD TO BE TAKEN AROUND DEEP EXCAVATIONS. PLANT TO BE KEPT AT SAFE DISTANCE.
- CR02 EXISTING DRAINAGE AND SERVICE INFRASTRUCTURE NOT TO BE COMPROMISED OVERHEAD POWER CABLES
- CR03 CONSTRUCTION ADJACENT LAKE TRAFFIC
- CR04 GARD TO BE TAKEN IN VICINITY OF OVERHEAD CABLES
- CR05 CONTRACTOR TO TAKE MEASURES TO PROTECT HIS OPERATIVES WITH RESPECT TO THE PRESENCE OF POTENTIAL GAS IN SEWER TRENCHES AND MANHOLES THROUGH THE USE OF GAS MONITORING EQUIPMENT AND BREATHING APPARATUS AS REQUIRED.
- CR06 CONTRACTOR TO TAKE MEASURES TO PROTECT HIS OPERATIVES WITH RESPECT TO POTENTIAL UNKNOWN GROUND CONTAMINATION DURING EXCAVATION. CONTAMINATED MATERIAL TO BE REMOVED TO A LICENSED TIP.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING IN ACCORDANCE WITH THE REQUIREMENTS DEFINED IN THE REGULATIONS.

**GENERAL NOTES:**

- G01 ALL WORKS SUBJECT TO SECTION 38, SECTION 6078 AND SECTION 104 AGREEMENTS TO BE APPROVED BY THE RELEVANT AUTHORITY PRIOR TO COMMENCEMENT OF WORKS.
- G02 ALL LEVELS ARE IN METRES ADD ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- G03 ALL WORKS TO BE UNDERTAKEN IN COMPLIANCE WITH BS 800 FOR WORKMANSHIP ON BUILDING SITES.
- G04 ABBREVIATIONS:
  - MH = MANHOLE
  - CL = COVER LEVEL
  - S = SURFACE LEVEL
  - SW = SURFACE WATER
  - FW = FLOOD WATER
  - SD = DEMARCATION CHAMBER
  - FD = FLOW CONTROL CHAMBER
  - CONC = CONCRETE
  - VC = VITRIFIED CLAY
  - FFL = FINISHED FLOOR LEVEL
  - SWR = SWIRLING

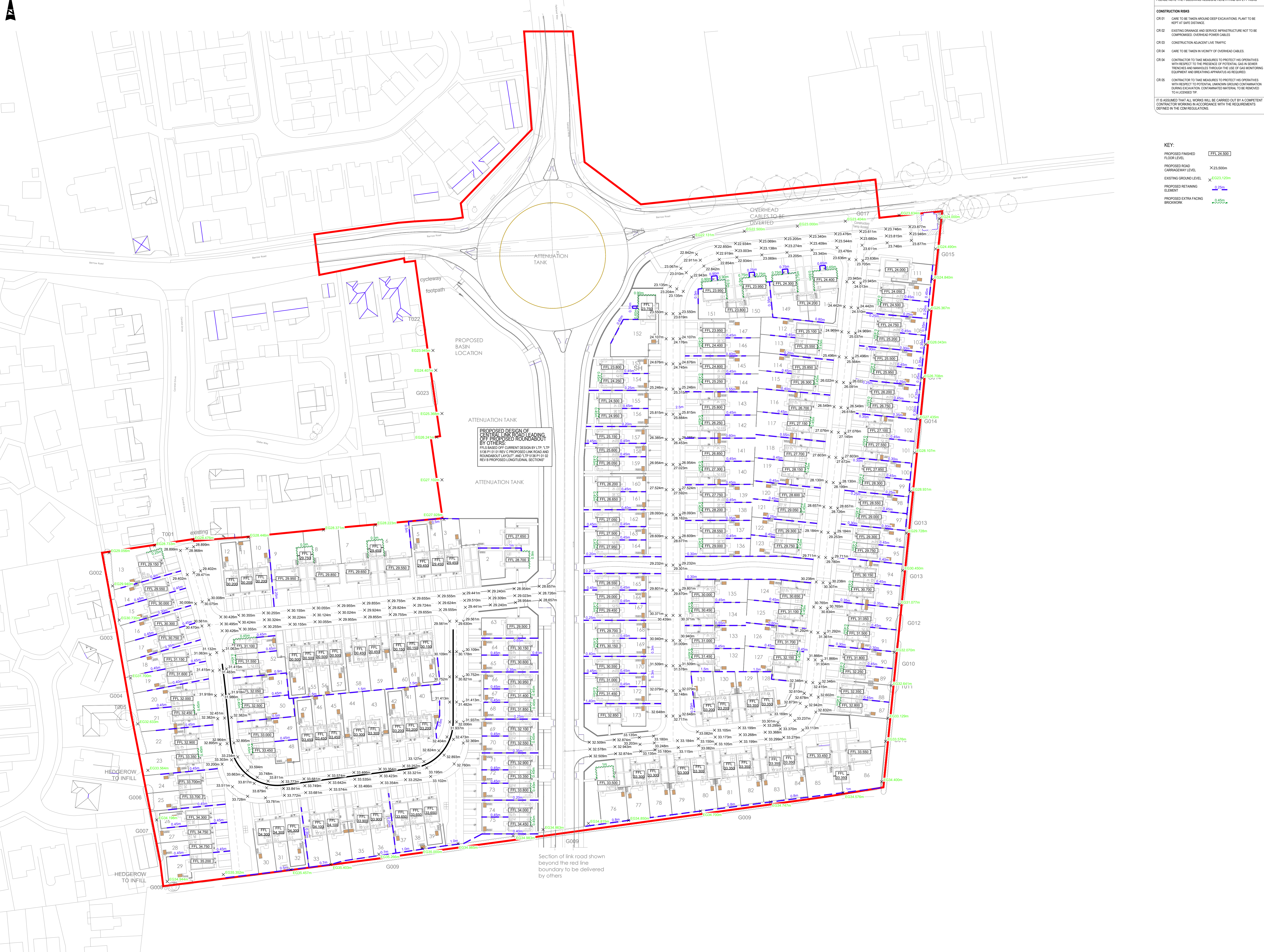
**KEY:**

- PROPOSED FINISHED FLOOR LEVEL FFL 24.500
- PROPOSED ROAD CARBONARIUM LEVEL X 23.00m
- EXISTING GROUND LEVEL X G023.120m
- PROPOSED RETAINING ELEMENT 0.25m
- PROPOSED EXTRA FACING BROWWORK 0.45m

THE INFORMATION ON THIS DRAWING IS FOR APPROVAL PURPOSES ONLY. NO CONSTRUCTION WORKS ARE TO BE UNDERTAKEN UNTIL WRITTEN APPROVAL IS RECEIVED FROM YORKSHIRE WATER.

**NOTES ON PROTECTION OF YORKSHIRE WATER'S EXISTING WATER MAINS APPARATUS**

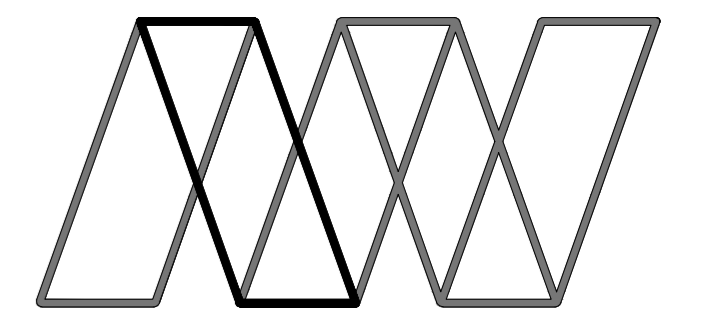
1. ALL EXCAVATION WORKS NEAR TO YORKSHIRE WATER APPARATUS SHOULD BE BY HAND DIGGING ONLY.
2. BACKFILLING WITH A SUITABLE MATERIAL TO A MINIMUM 300mm ABOVE YORKSHIRE WATER APPARATUS IS REQUIRED.
3. WHERE SURFACE LEVELS ARE TO BE INCREASED OR DECREASED, ALL SURFACE BOXES MUST BE ADJUSTED AS PART OF THE SCHEME.
4. ADEQUATE SUPPORT MUST BE PROVIDED WHERE ANY WORKS PASS UNDER YORKSHIRE WATER APPARATUS.
5. JOINTING CHAMBERS, LIGHTING COLUMNS AND OTHER STRUCTURES MUST BE INSTALLED IN SUCH A WAY THAT FUTURE REPAIR OR MAINTENANCE WORKS TO YORKSHIRE WATER APPARATUS WILL NOT BE HINDERED.
6. APPARATUS SUCH AS RAILINGS, SIGN POSTS, ETC. MUST NOT BE PLACED IN SUCH A WAY THAT THEY PREVENT ACCESS TO OR FULL OPERATION OF CONTROLLING VALVES, HYDRANTS OR SIMILAR APPARATUS. CHAMBER LIDS MUST NOT BE BURIED OR COVERED.
7. EXPLOSIVES SHALL NOT BE USED WITHIN 100 METRES OF ANY YORKSHIRE WATER APPARATUS OR INSTALLATIONS.
8. VIBRATING PLANT SHOULD NOT BE USED DIRECTLY OVER ANY APPARATUS.
9. UNDER NO CIRCUMSTANCES SHOULD TRUST BORING OR SIMILAR TRENCHLESS TECHNIQUES COMMENCE UNTIL THE ACTUAL POSITION OF YORKSHIRE WATER MAINS AND SERVICES ALONG THE PROPOSED ROUTE HAVE BEEN CONFIRMED BY TRIAL HOLES.
10. IMPACT PILING MUST NOT TAKE PLACE WITHIN 10m OF YORKSHIRE WATER APPARATUS. CORE DRILLING MUST NOT TAKE PLACE WITHIN 5m OF YORKSHIRE WATER APPARATUS.
11. ANY DAMAGE CAUSED OR OBSERVED TO YORKSHIRE WATER SERVICES APPARATUS MUST BE IMMEDIATELY REPORTED TO YORKSHIRE WATER SERVICES BY TELEPHONING 045 124 24 FOR WATER AND 045 124 29 FOR SEWERAGE.
12. SHOULD YORKSHIRE WATER INCUR ANY COSTS AS A RESULT OF NON-COMPLIANCE WITH THE ABOVE, ALL COSTS WILL BE RECOVERABLE IN FULL.



PROPOSED DESIGN OF CENTRAL LINK ROAD LEADING OFF PROPOSED ROUNDABOUT  
 FILED BASED OFF CURRENT DESIGN BY LTP 1/17  
 1/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42  
 REV 8 PROPOSED LONGITUDINAL SECTIONS

Section of link road shown beyond the red line boundary to be delivered by others

| Rev | Description                         | Date     | By  | Chk | App |
|-----|-------------------------------------|----------|-----|-----|-----|
| P3  | AMENDED TO SUIT REVISED SITE LAYOUT | 23.08.23 | ERD | JP  | JAG |
| P2  | RETAINING WALLS ADDED               | 12.12.22 | CRH | JP  | JAG |
| P1  | FIRST ISSUE                         | 07.11.22 | JP  | JAG | JAG |



**Alan Wood & Partners**  
 Hull Office  
 241 Beverley Road  
 Hull  
 HU5 1LD

Consulting Civil & Structural Engineers  
 Project Managers  
 Building Surveyors

Leeds T. 01135 311098  
 Lincoln T. 01522 300210  
 Scarborough T. 01753 865644  
 Sheffield T. 01142 440377  
 York T. 01904 611504

T. 01462 442138  
 www.alanwood.co.uk

Project: **Proposed Residential Development at Barrow Road, Barton Upon Humber**

Client: **Strata Homes Ltd**

Drawing: **Indicative Levels**

Role: **CIVIL ENGINEER**

Drawing Status: **FOR PLANNING** Suitability Code: **S2**

Job no. **47658** Scale: **As 1:500** Rev: **P3**

Project Originator: **BRBH - AWP - ZZ - XX - SK - C - 4001**