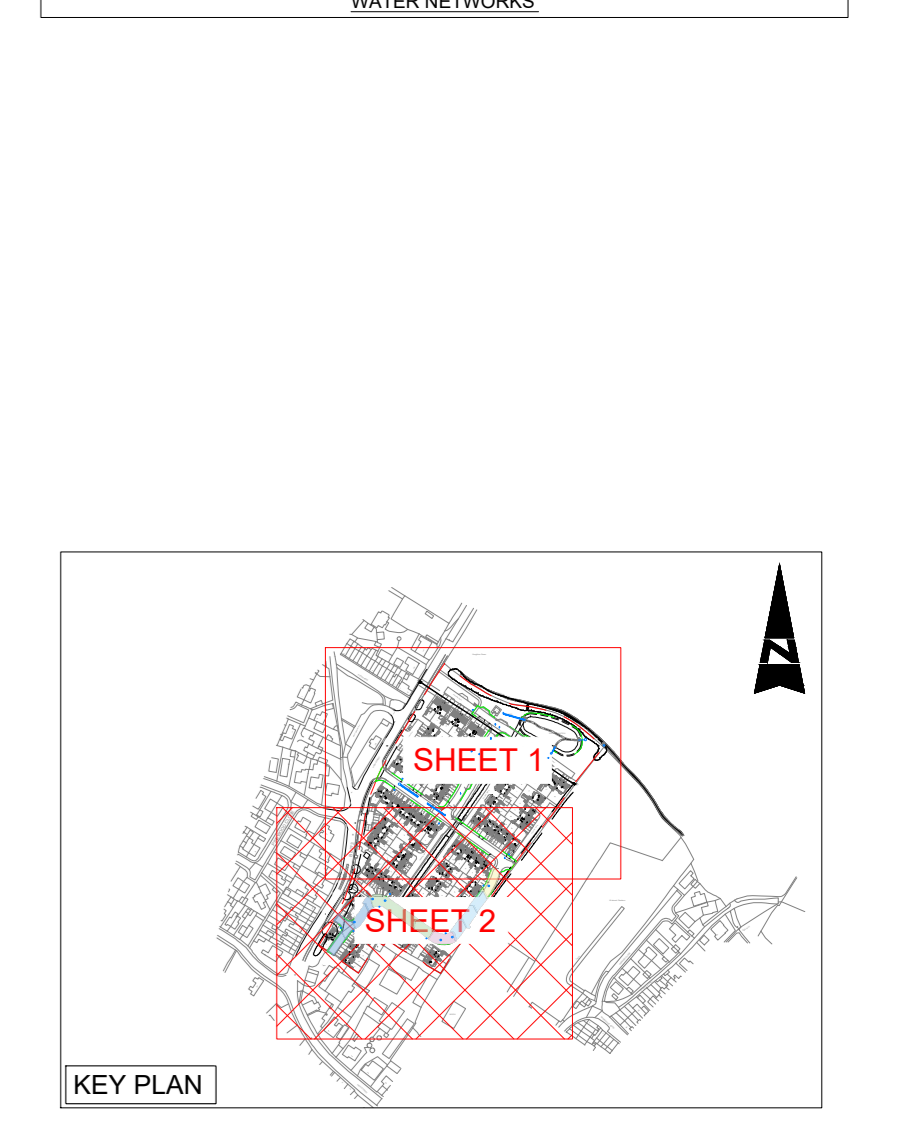




- NOTES**
1. THESE NOTES ARE INTENDED TO ADJUST DRAWINGS AND SPECIFICATIONS. WHERE CONFLICTS EXIST BETWEEN THE NOTES AND THE DRAWINGS, THE NOTES SHALL TAKE PRECEDENCE. THE RELEVANT BRITISH/BREITANIAN AND IWA STANDARDS REQUIREMENTS ARE REFERENCED AND WHERE NECESSARY, THE NOTES SHALL BE SHOWN IN THE SPECIFICATION, OTHERWISE THE STRICTEST PROVISION SHALL APPLY.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
 3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTICED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
- DRAINAGE NOTES**
1. ALL ADAPTABLE SEWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH CODE FOR ADOPTION. THE RELEVANT BRITISH/BREITANIAN AND IWA STANDARDS REQUIREMENTS ARE REFERENCED AND WHERE NECESSARY, THE NOTES SHALL BE SHOWN IN THE SPECIFICATION, OTHERWISE THE STRICTEST PROVISION SHALL APPLY.
 2. ALL MANHOLE SYSTEMS AND COMPONENTS TO BE CONSTRUCTED AND TESTED TO THE FULL SATISFACTION OF THE RELEVANT ADOPTING AUTHORITY, AND IN ACCORDANCE WITH THE FOLLOWING:
 - 2.1. ALL MANHOLES TO BE CONSTRUCTED TO COMPLY WITH BS EN 1228 AND BS EN 1229.
 - 2.2. ALL MANHOLES TO BE CONSTRUCTED TO COMPLY WITH BS EN 1228 AND BS EN 1229.
 - 2.3. ALL MANHOLES TO BE CONSTRUCTED TO COMPLY WITH BS EN 1228 AND BS EN 1229.
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 - 2.6. ALL MANHOLES TO BE CONSTRUCTED TO COMPLY WITH BS EN 1228 AND BS EN 1229.
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK SET OUT IN THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS

Ref.	Description	By	Date	Chk'd	Auth
S4	FOR APPROVAL		06.11.25	RSJ	
S4	FOR APPROVAL		11.08.25	CK	
S4	FOR APPROVAL		30.06.25	RSJ	
S01	Purpose of Issue				

Ref.	Description	By	Date	Chk'd	Auth
013	REVISED FOLLOWING SUBSTATION LOCATION	TH	06.11.25	CK	RSJ
012	REVISED FOLLOWING INWL REVIEW	TH	11.08.25	CK	CK
P01	FIRST ISSUE	TH	30.06.25	CK	RSJ

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, ANOMALY, HEALTH AND SAFETY RISKS

ANOMALY CONSTRUCTION RISKS

- C001 CONSTRUCTION IN AND AROUND EXISTING BURIED SERVICES - CONTRACTOR TO OBTAIN ACCURATE LOCATIONS OF UNDERGROUND SERVICES WITHIN THE SITE BOUNDARY PRIOR TO COMMENCEMENT OF WORKS. CONTRACTOR TO ALLOW FOR IN-RISK ASSESSMENT AND PROVIDE MITIGATION TO SUIT.
- C002 EXISTING MAJOR SERVICES KNOWN TO BE PRESENT WITHIN THE SITE BOUNDARY. EXTRA PRECAUTIONS TO BE TAKEN IN THE VICINITY OF THE EXISTING GAS MAIN. CONTRACTOR TO ALLOW FOR IN-RISK ASSESSMENT AND PROVIDE MITIGATION TO SUIT.
- C003 UNFORESEEN BURIED HAZARDOUS MATERIALS & SUBSTANCES INCLUDING ASBESTOS, UNKNOWN CONTAMINANTS AND MAY BE UNCOVERED DURING THE CONSTRUCTION PHASE. CONTRACTOR TO USE DRAINAGE SAFE METHODS OF WORKING IN THE EVENT OF ENCOUNTERING CONTAMINATED LAND.
- C004 DEEP SEWERS (DEEP EXCAVATIONS REQUIRED). PUMPING MAY BE REQUIRED TO DRAIN SEWERS. CONTRACTOR TO ALLOW FOR IN-RISK ASSESSMENT AND PROVIDE MITIGATION TO SUIT.
- C005 SURFACE WATER OUTFALLS INTO EXISTING WATERCOURSE. CONTRACTOR TO DETERMINE APPROPRIATE METHOD TO MAINTAIN WATERCOURSE FLOWS DURING WORKS AND ENSURE NO CONSTRUCTION WASTE ENTERS THE WATERCOURSE.

ANOMALY OPERATION & MAINTENANCE RISKS

- M001 APPROPRIATE FUTURE MAINTENANCE SHOULD BE IMPLEMENTED TO WATERCOURSE AND BANKS ALONG WITH PROPOSED DRAINAGE. TO MITIGATE POTENTIAL FLOOD EXCESSANCE/DAMAGE OF DRAINAGE/WATERCOURSE.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING IN ACCORDANCE WITH THE REQUIREMENTS DEFINED IN THE CON REGULATIONS 2015.

LYNAS ENGINEERS

Lynas Engineers
Suite 10, Cargo Fleet Offices
Middlesbrough Road
Middlesbrough
TS6 6XH
Tel: +44 (0)1642 720280
www.lynasesengineers.com
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AVANT homes

GREAT HOUGHTON BARNESLEY

SECTION 104 - CATCHMENT AREAS SHEET 2

Sheet: 04 Original Scale: 1:250 Design/Drawn: TH Checked: CK Authorised: RSJ
Date: 30.06.25 Date: 30.06.25 Date: 30.06.25
Status: S4 Drawing Number: 250274.E-ZZ-ZZ-DR-D-3008 Rev: P03

SW Network 1 Pipe Areas

Name	Total Area (ha)	Cumulative Area (ha)
S1000	0.100	0.100
S1001	0.000	0.100
S1002	0.144	0.244
S1003	0.068	0.312
S1004	0.090	0.402
S1005	0.061	0.463
S1006	0.128	0.591
S2000	0.174	0.765
S1007	0.232	0.997
S1008	0.032	1.029
S1009	0.196	1.225
S1010	0.017	1.242
S1011	0.042	1.284
S1012	0.052	1.336
S1013	0.000	1.336
S3000	0.247	1.583
S1014	0.000	1.583
S1015	0.000	1.583

CATCHMENT AREA NOTES:

1. TOTAL IMPERMEABLE AREA INCLUSIVE OF 10% URBAN CREEP EQUAL TO 1.575ha.
2. PLEASE ALLOW 0.001ha DISCREPANCIES IN THE TABLES / INFORMATION RESULTS TO ALLOW FOR ROUNDING ERRORS.
3. ALL PLOTS ALLOW FOR 10% FOR URBAN CREEP.
4. CHAMBER NUMBERING: S1 09 = SW MANHOLE NETWORK 1, No.9; S1 09 = SW DEMARCATION CHAMBER NETWORK 1, No.9
5. CATCHMENT AREA REFERENCES: G.S1.06-2 = GULLY AREA CONTRIBUTING TO MANHOLE S1 06, REF No.2; PA.SD1.06-1 = PLOT AREA CONTRIBUTING TO DEMARCATION CHAMBER S1 06, REF No.1

KEY:

- PROPOSED ADAPTABLE SW MH & SEWER
- PROPOSED ADAPTABLE SW DEMARCATION CHAMBER & SEWER
- PROPOSED S38 SW HIGHWAY GULLY & PIPE
- G - SINGLE GULLY DG - DOUBLE GULLY
- PROPOSED S104 SITE BOUNDARY

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING REFERENCES: 250274.E-ZZ-ZZ-DR-D;

SECTION 104

- 3000 - SECTION 104 - SITE LOCATION PLAN
- 3001 - SECTION 104 - DRAINAGE PLAN - SHEET 1
- 3002 - SECTION 104 - DRAINAGE PLAN - SHEET 2
- 3003 - SECTION 104 - CHAMBER SCHEDULE - SHEET 1
- 3004 - SECTION 104 - TYPICAL DETAILS
- 3005 - SECTION 104 - HEADWALL DETAILS
- 3006 - SECTION 104 - FLOW CONTROL TABLES
- 3007 - SECTION 104 - CATCHMENT AREAS - SHEET 1
- 3008 - SECTION 104 - CATCHMENT AREAS - SHEET 2
- 3009 - SECTION 104 - FLOOD ROUTING - SHEET 1
- 3010 - SECTION 104 - FLOOD ROUTING - SHEET 2

SECTION 38

- 0016 - SECTION 38 - HIGHWAY AND DRAINAGE LONGSECTIONS - SHEET 1
- 0016 - SECTION 38 - HIGHWAY AND DRAINAGE LONGSECTIONS - SHEET 2

THIS DRAWING IS BASED ON THE FOLLOWING DRAWINGS & DOCUMENTATION:

1. LANDSCAPE LAYOUT - SEN ARCHITECTURE, REF 22010-M
2. TOPOGRAPHICAL SURVEY - PD SITE SURVEYS REF 0725-02 DATED MARCH 2021