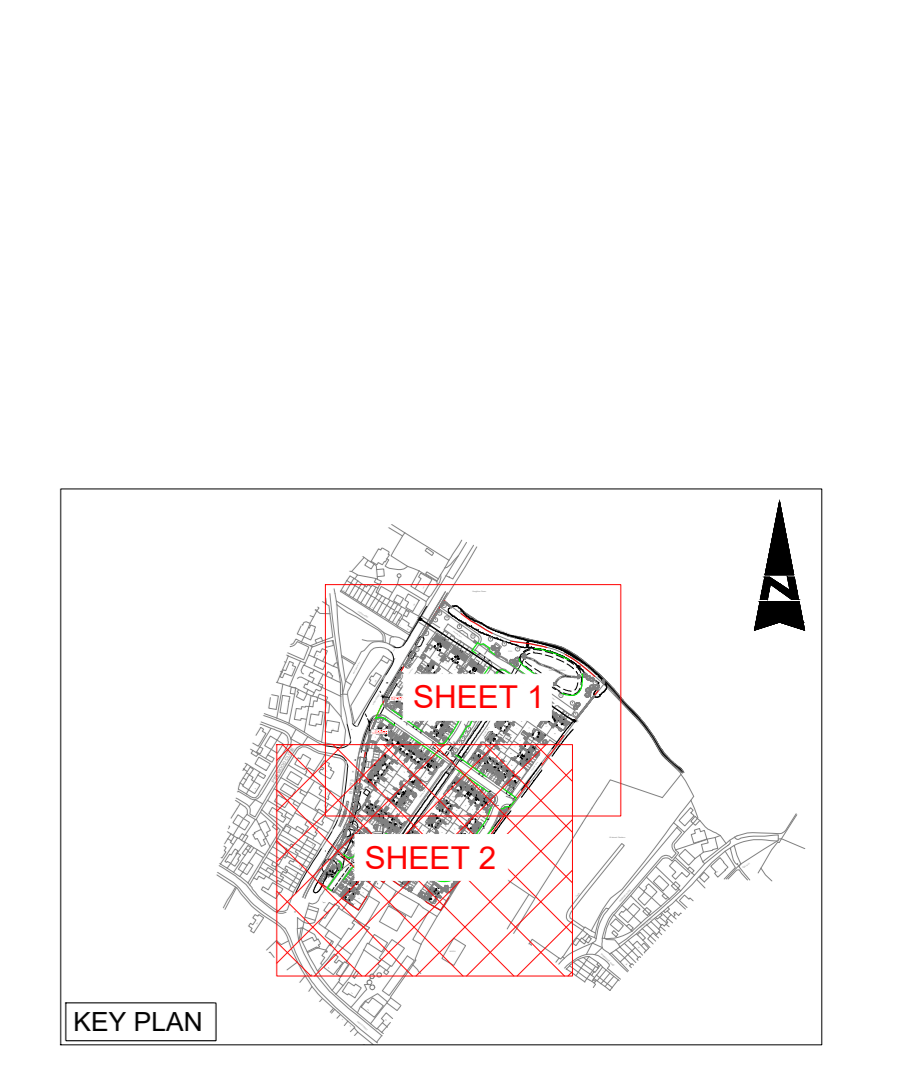




- NOTES**
1. THESE NOTES ARE INTENDED TO SUPPLEMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE DESIGN OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL APPLY.
  2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
  3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED 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 AND IWA STANDARDS SHALL APPLY.
  2. ALL COMPONENTS USED IN DRAINAGE SYSTEMS TO COMPLY WITH THE FOLLOWING:
    - a. ALL MANHOLES SHALL BE IN ACCORDANCE WITH BS EN 124 AND BS EN 752.
    - b. ALL MANHOLES SHALL BE IN ACCORDANCE WITH BS EN 124 AND BS EN 752.
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- IWNL NOTES**
1. ALL ADAPTABLE SEWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH THE CODES FOR ADOPTION. THE RELEVANT BRITISH/BREITANIAN AND IWA STANDARDS REQUIREMENTS AND IWA STANDARDS SHALL APPLY.
  2. ALL COMPONENTS USED IN DRAINAGE SYSTEMS TO COMPLY WITH THE FOLLOWING:
    - a. ALL MANHOLES SHALL BE IN ACCORDANCE WITH BS EN 124 AND BS EN 752.
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THE INFORMATION ON THIS DRAWING IS FOR APPROVAL PURPOSES ONLY. NO CONSTRUCTION WORKS ARE TO BE UNDERTAKEN UNTIL WRITTEN APPROVAL IS RECEIVED FROM BARNSLEY METROPOLITAN BOROUGH COUNCIL & INDEPENDENT WATER NETWORKS.



**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		25.02.26	RSL	
S4	FOR APPROVAL		06.11.25	RSL	
S4	FOR APPROVAL		11.08.25	CK	
S4	FOR APPROVAL		21.07.25	RSL	
S4	FOR APPROVAL		30.06.25	RSL	
S01	Purpose of Issue				

Ref.	Description	By	Date	Chk'd	Auth
R03	REVISED FOLLOWING POND RELOCATION	TH	25.02.26	CK	RSL
R04	REVISED FOLLOWING SUBSTATION LOCATION	TH	06.11.25	CK	RSL
R03	UPDATED FOLLOWING IWNL REVIEW	TH	11.08.25	CK	CK
R02	AMENDED NETWORK TO SUIT PD	TH	21.07.25	CK	RSL
P01	FIRST ISSUE	TH	30.06.25	CK	RSL

**HEALTH & SAFETY RISKS**

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

**ABNORMAL 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 MAJOR SERVICE CONTRACTOR TO ALLOW FOR RISK ASSESSMENT AND PROVIDE MITIGATION TO SUIT.
- C003 UNFORESEEN BURIED HAZARDOUS MATERIALS & SUBSTANCES (INCLUDING ASBESTOS). UNKNOWN CONTAMINATED LAND MAY BE DISCOVERED DURING THE CONSTRUCTION PHASE. CONTRACTOR TO DETERMINE SAFE METHODS OF WORKING IN THE EVENT OF ENCOUNTERING CONTAMINATED LAND.
- C004 DEEP SERVICES (DEEP EXCAVATIONS REQUIRED). CHAMPING MAY BE REQUIRED TO ENSURE EXCAVATIONS REMAIN DRY. 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.

**ABNORMAL OPERATION & MAINTENANCE RISKS**

- M001 APPROPRIATE FUTURE MAINTENANCE SHOULD BE IMPLEMENTED TO WATERCOURSE AND MANHOLE ALONG WITH PROPOSED DRAINAGE. TO MITIGATE POTENTIAL FLOOD EXCESS/LEAKAGE/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 CDM REGULATIONS 2015.

**LYNAS ENGINEERS**

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TS6 6XH  
Tel: +44 (0)1642 720280  
www.lynasesengineers.com

**AVANT homes**

GREAT HOUGHTON  
BARNESLEY

**SECTION 104 - PROPOSED DRAINAGE LAYOUT SHEET 2**

Sheet: S04 Original Scale: 1:250 Design/Drawn: CK Checked: CK Authorised: RSL  
Date: 30.06.25 Date: 30.06.25 Date: 30.06.25 Date: 30.06.25  
Status: 54 Drawing Number: 25027-LE-ZZ-ZZ-DR-D-3002 Rev: P05

**PROPOSED DRAINAGE KEY:**

- PROPOSED ADAPTABLE SW MH & SEWER
- PROPOSED ADAPTABLE SW CHAMBER & SEWER
- PROPOSED ADAPTABLE FW MH & SEWER
- PROPOSED ADAPTABLE FW CHAMBER & SEWER
- PROPOSED COMBINED MH TO BE ADOPTED BY YORKSHIRE WATER
- PROPOSED S38 HIGHWAY GULLY & PIPE
- PROPOSED PRIVATE SW MH & SEWER
- PROPOSED PRIVATE FW MH & SEWER
- PROPOSED S104 SITE BOUNDARY
- PROPOSED EASEMENT
- EXISTING DRAINAGE / SERVICES KEY
- EXISTING COMBINED YORKSHIRE WATER MH & SEWER
- EXISTING DITCH

**THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING REFERENCES:**

- 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 - PHYSICAL DETAILS
- 3005 - SECTION 104 - HEADWALL DETAILS
- 3006 - SECTION 104 - FLOW CONTROL DETAILS
- 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

**THIS DRAWING IS BASED ON THE FOLLOWING DRAWINGS & DOCUMENTATION:**

- 1. LANDSCAPE LAYOUT - STEN ARCHITECTURE, REF 2261.01.M
- 2. TOPOGRAPHICAL SURVEY - PD SITE SURVEYS REF 6725-002 DATED MARCH 2021