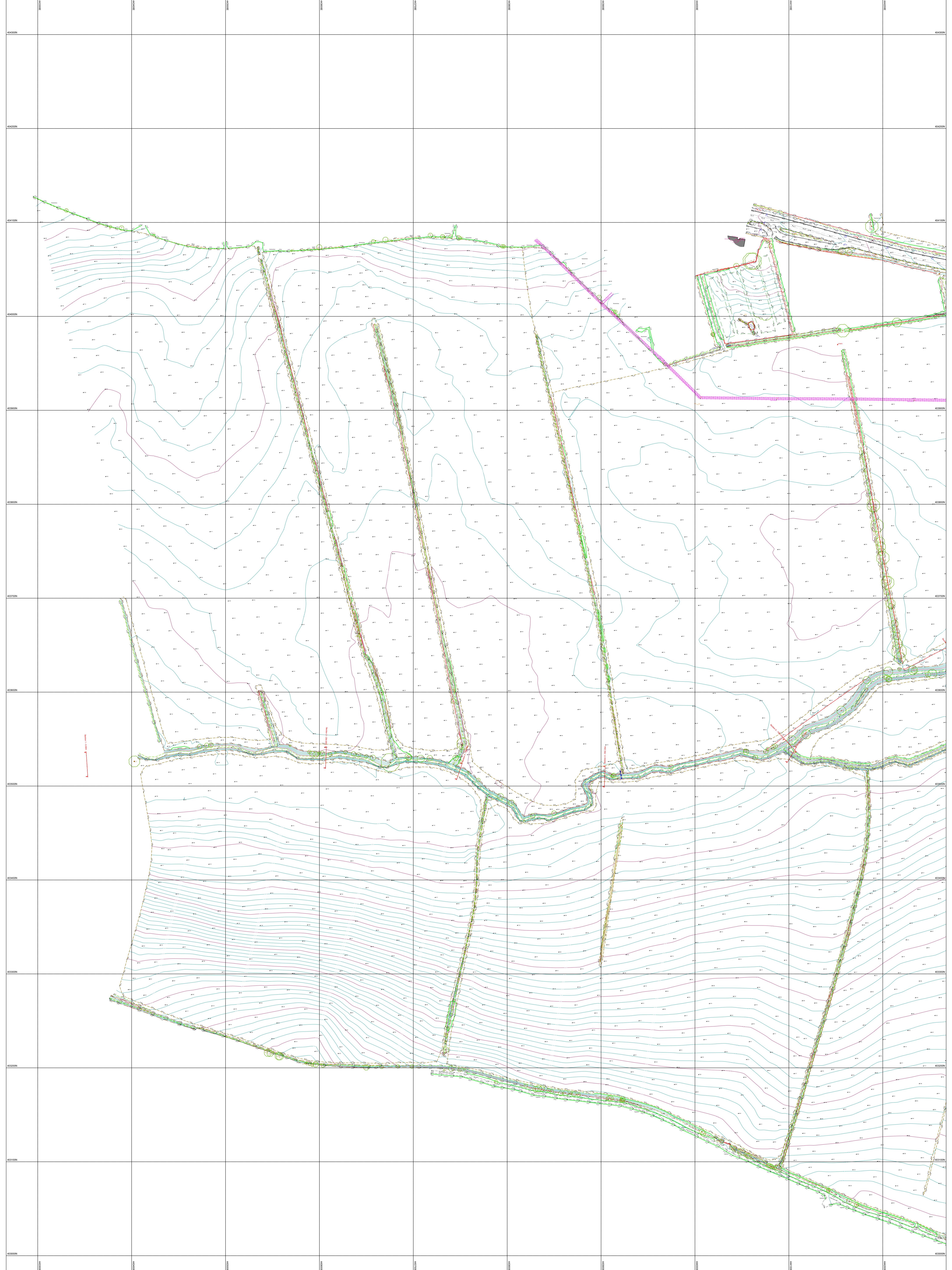


Appendix B - Topographical Survey



SITE
A635 Barnsley Road
Goldthorpe

PROJECT
Topographical Survey

SCALE
1:1250 @ A0

DATE
02/09/2022

DRAWING No.
12506



NOTES
 Boundaries surveyed are physical features and may not necessarily represent the legally conveyed ownership.

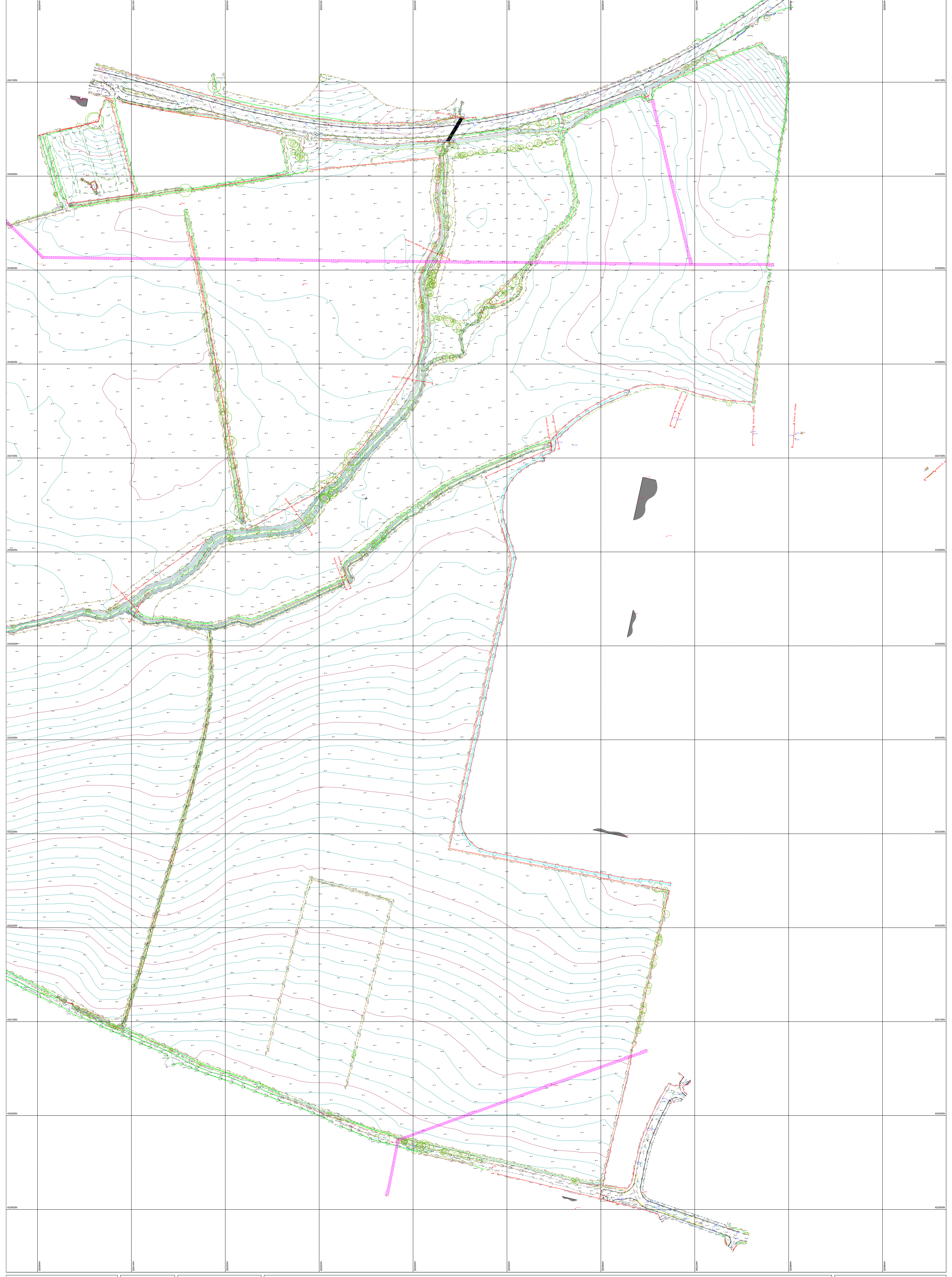
Tree Spreads, Girths and Heights are approximate, any tree species identified should not be relied upon and checked by a specialist if critical.

Underground drainage depths, pipe sizes and runs have been recorded from the surface and may have been estimated or assumed.

Features surveyed off site such as buildings and trees may have been recorded remotely and may not be shown in full detail due to access / sighting restrictions.

CO-ORDINATES A DATUM DERIVED USING GEOD MODEL OSGM1200B & HORIZONTAL TRANSFORMATION DATUMS
 THIS SURVEY IS ORIENTATED TO ORDNANCE SURVEY GRID NORTH WITH A TRUE ORIGIN CO-ORDINATE NEAR THE CENTRE OF THE SURVEY.
 THE SURVEY IS PLOTTED TO A FLAT PLANE GRID. HORIZONTAL MEASUREMENTS TAKEN FROM THIS SURVEY WILL BE TRUE DISTANCES.
 REFER TO SURVEY CONTROL STATION LISTING FOR RE-ESTABLISHING CONTROL ON SITE.

NAME	Easting	Northing	Height
STWA	44470.933	42411.550	33.274
STWB	44470.776	42408.610	31.294
STWC	44440.710	42403.200	25.203
STWD	44431.040	42410.600	21.462
STWE	44472.900	42409.070	27.970
STWF	44469.000	42411.600	21.462
STWG	44469.000	42411.600	21.462
STWH	44469.000	42411.600	21.462
STWI	44469.000	42411.600	21.462
STWJ	44469.000	42411.600	21.462
STWK	44469.000	42411.600	21.462
STWL	44469.000	42411.600	21.462
STWM	44469.000	42411.600	21.462
STWN	44469.000	42411.600	21.462
STWO	44469.000	42411.600	21.462
STWP	44469.000	42411.600	21.462
STWQ	44469.000	42411.600	21.462
STWR	44469.000	42411.600	21.462
STWS	44469.000	42411.600	21.462
STWT	44469.000	42411.600	21.462
STWU	44469.000	42411.600	21.462
STWV	44469.000	42411.600	21.462
STWW	44469.000	42411.600	21.462
STWX	44469.000	42411.600	21.462
STWY	44469.000	42411.600	21.462
STWZ	44469.000	42411.600	21.462



SITE
**A635 Barnsley Road
 Goldthorpe**

PROJECT
**Topographical
 Survey**

SCALE
1:1250 @ A0

DATE
02/09/2022

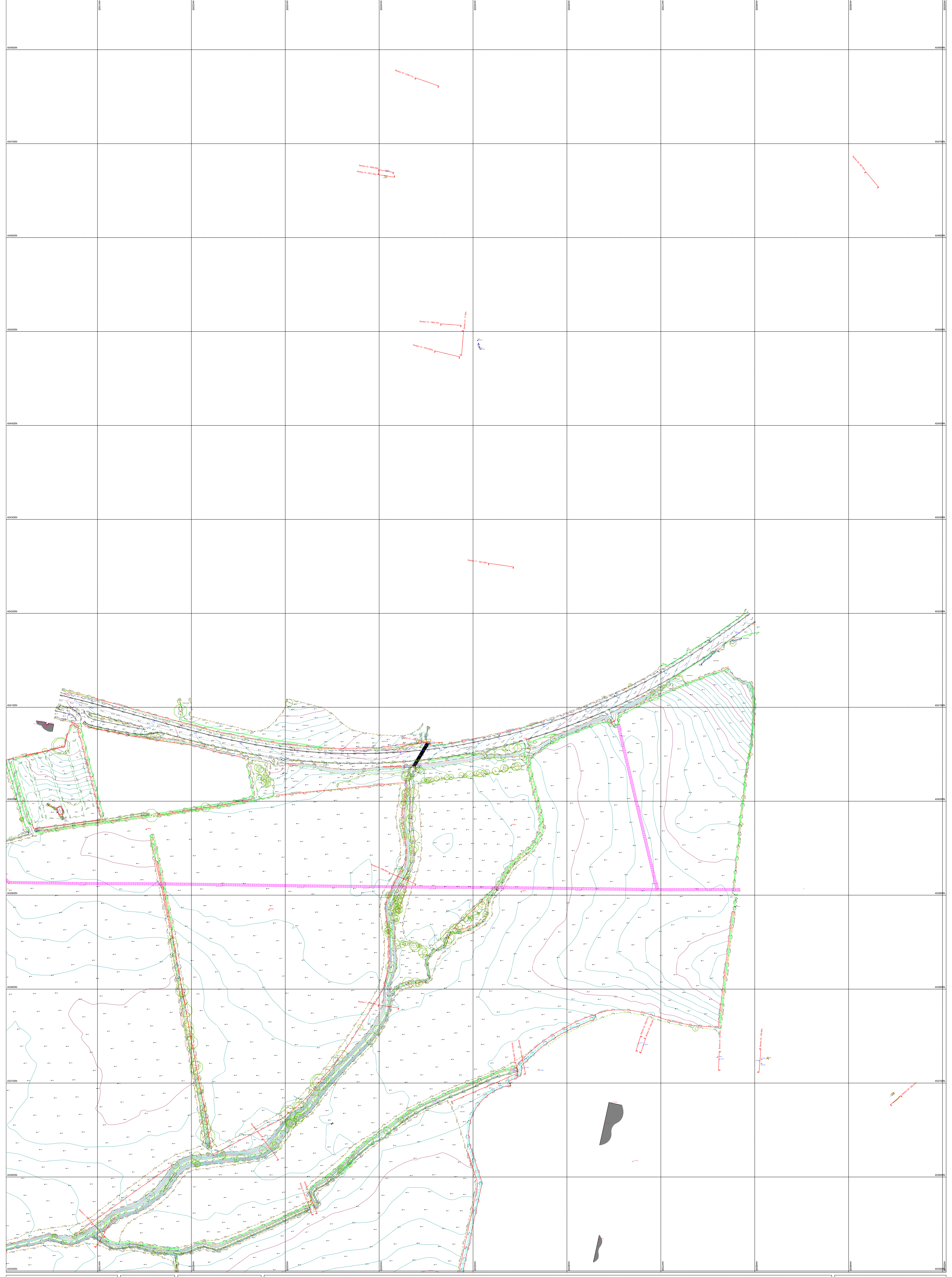
DRAWING No.
12506



NOTES
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 Underground drainage depths, pipe sizes and runs have been recorded from the surface and may have been estimated or assumed.
 Features surveyed off site such as buildings and trees may have been recorded remotely and may not be shown in full detail due to access / sighting restrictions.

COORDINATES A DATUM DERIVED USING GEOD MODEL OSGM1936B
 A HORIZONTAL TRANSFORMATION DATUM
 THIS SURVEY IS ORIENTATED TO ORDNANCE SURVEY GRID NORTH
 WITH A TRUE ORIGIN CO-ORDINATE NEAR THE CENTRE OF THE SURVEY
 THE SURVEY IS PLOTTED TO A FLAT PLANE GRID HORIZONTAL
 MEASUREMENTS TAKEN FROM THIS SURVEY WILL BE TRUE DISTANCES
 REFER TO SURVEY CONTROL, STATION LISTING FOR RE-ESTABLISHING
 CONTROL ON SITE

STATION	Existing	Surveying	Height
STWA	44470.933	44471.050	33.274
STWB	44470.710	44470.810	31.976
STWC	44440.710	44440.200	25.933
STWD	44411.380	44411.690	25.952
STWE	44472.900	44469.070	27.975
STWF	44469.000	44471.000	27.952
STWG	44401.280	44393.870	23.886
STWH	44411.000	44398.000	22.261
STWI	44404.800	44394.110	44.251
STWJ	44404.800	44394.110	44.251
STWK	44426.400	44297.100	44.252
STWL	44404.100	44298.240	44.253
STWM	44402.200	44489.200	26.242



SITE
A635 Barnsley Road
Goldthorpe

PROJECT
Topographical
Survey

SCALE
1:1250 @ A0

DATE
02/09/2022

DRAWING No.
12506



NOTES
Boundaries surveyed are physical features and may not necessarily represent the legally conveyed ownership.
Tree Spreads, Girths and Heights are approximate, any tree species identified should not be relied upon and checked by a specialist if critical.
Underground drainage depths, pipe sizes and runs have been recorded from the surface and may have been estimated or assumed.
Features surveyed off site such as buildings and trees may have been recorded remotely and may not be shown in full detail due to access / sighting restrictions.

CO-ORDINATES & DATUM DERIVED USING GEOD MODEL OSGM1500B & HORIZONTAL TRANSFORMATION DATUMS
THIS SURVEY IS ORIENTATED TO ORDNANCE SURVEY GRID NORTH WITH A TRUE ORIGIN CO-ORDINATE NEAR THE CENTRE OF THE SURVEY.
THE SURVEY IS PLOTTED TO A FLAT PLANE GRID. HORIZONTAL MEASUREMENTS TAKEN FROM THIS SURVEY WILL BE TRUE DISTANCES. REFER TO SURVEY CONTROL, STATION LISTING FOR RE-ESTABLISHING CONTROL ON SITE.

Name	Easting		Northing		Height
	OS	OS	OS	OS	
STWA	44470.933	42411.555	33.274		
STWB	44470.775	42408.155	31.294		
STWC	44470.715	42405.355	29.553		
STWD	44471.045	42414.655	31.452		
STWE	44472.955	42409.075	27.975		
STWF	44469.855	42415.655	31.452		
STWG	44471.045	42408.155	29.553		
STWH	44471.045	42408.155	29.553		
STWI	44471.045	42408.155	29.553		
STWJ	44471.045	42408.155	29.553		
STWK	44471.045	42408.155	29.553		
STWL	44471.045	42408.155	29.553		
STWM	44471.045	42408.155	29.553		
STWN	44471.045	42408.155	29.553		
STWO	44471.045	42408.155	29.553		
STWP	44471.045	42408.155	29.553		
STWQ	44471.045	42408.155	29.553		
STWR	44471.045	42408.155	29.553		
STWS	44471.045	42408.155	29.553		
STWT	44471.045	42408.155	29.553		
STWU	44471.045	42408.155	29.553		
STWV	44471.045	42408.155	29.553		
STWW	44471.045	42408.155	29.553		
STWX	44471.045	42408.155	29.553		
STWY	44471.045	42408.155	29.553		
STWZ	44471.045	42408.155	29.553		

Appendix C - Hydrock Drawings

Notes:

1. All dimensions are to be checked on site before commencement of works. Work to figured dimensions only. Do not scale off this drawing. Any discrepancies are to be reported to Hydrock for clarification.
2. This drawing is to be read in conjunction with all relevant Hydrock drawings and specifications.
3. Where buildings and plot layouts are shown these are indicative only for illustrative purposes. The layouts of the development plots will be subject to future Reserved Matters applications.
4. Proposed drainage shown is based on the hydraulic calculations contained with the Drainage Strategy 23451-HYD-XX-XX-RP-D-0003. During construction it may be necessary to adjust cover and/or invert levels to suit site constraints. Any alterations will not adversely affect the performance of the proposed surface water drainage system.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

- CONSTRUCTION
- MAINTENANCE / CLEANING
- DECOMMISSIONING / DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

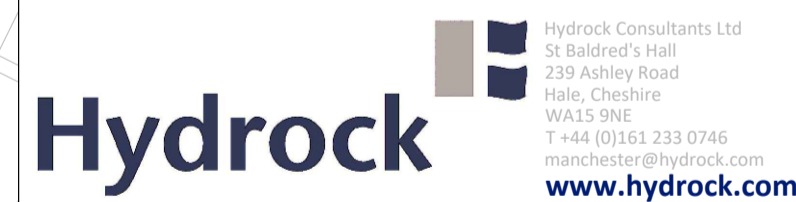
Key:

- PLANNING APPLICATION BOUNDARY
- DEVELOPMENT PLOT BOUNDARY
- PROPOSED INFRASTRUCTURE SURFACE WATER
- PROPOSED INFRASTRUCTURE FOUL SEWER
- PROPOSED FOUL SEWER RISING MAIN
- INDICATIVE ON-PLOT SURFACE WATER
- INDICATIVE ON-PLOT FOUL SEWER
- INDICATIVE ON-PLOT OIL INTERCEPTOR
- PROPOSED PRIVATE SURFACE WATER ATTENUATION
- PROPOSED YW PUBLIC SEWER DIVERSION
- EXISTING YW PUBLIC COMBINED SEWER TO REMAIN
- SURFACE WATER EXCEEDANCE ROUTE
- EXISTING YW PUBLIC COMBINED SEWER TO BE REMOVED
- 6m YW PUBLIC SEWER EASEMENT
- PROPOSED INFRASTRUCTURE FILTER DRAIN

SEWER DIVERSION NOTE
YORKSHIRE WATER PUBLIC SEWER DIVERSION LAYOUT IS INDICATIVE ONLY. SUBJECT TO YORKSHIRE WATER S185 TECHNICAL ACCEPTANCE AND S185 AGREEMENT.

NOTE: FOR THE AVOIDANCE OF DOUBT, THE INFORMATION SHOWN WITHIN THE DEVELOPMENT PLOTS IS INDICATIVE ONLY, AND WILL BE SUBJECT TO SUBSEQUENT RESERVED MATTERS APPLICATIONS

Rev	Date	Description	By	Ckd
P4	24.11.2023	Updated in line with client comments	SJ	NB
P3	31.05.2023	Ditch added south of cascading ponds	SJ	NB
P2	06.04.2023	Updated in line with client comments	JY	NB
P1	21.02.2023	First issue	JY	NB



Project Title:
BARNESLEY ROAD GOLDTHORPE

Drawing Title:
DRAINAGE LAYOUT OVERVIEW

Drawing Status:
PLANNING

Hydrock Job No:
C23451

Drawn	Checked	Scale @ A1	Date	Issue Date
JY	NB	1:2500	21.02.2023	21.02.2023

Drawing Number:
23451-HYD-XX-XX-DR-D-0500

Revision:
P4

