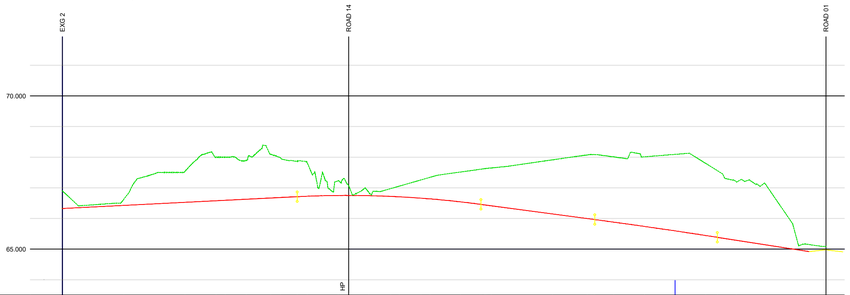
Long Section - Scale H 1:500 V 1:100



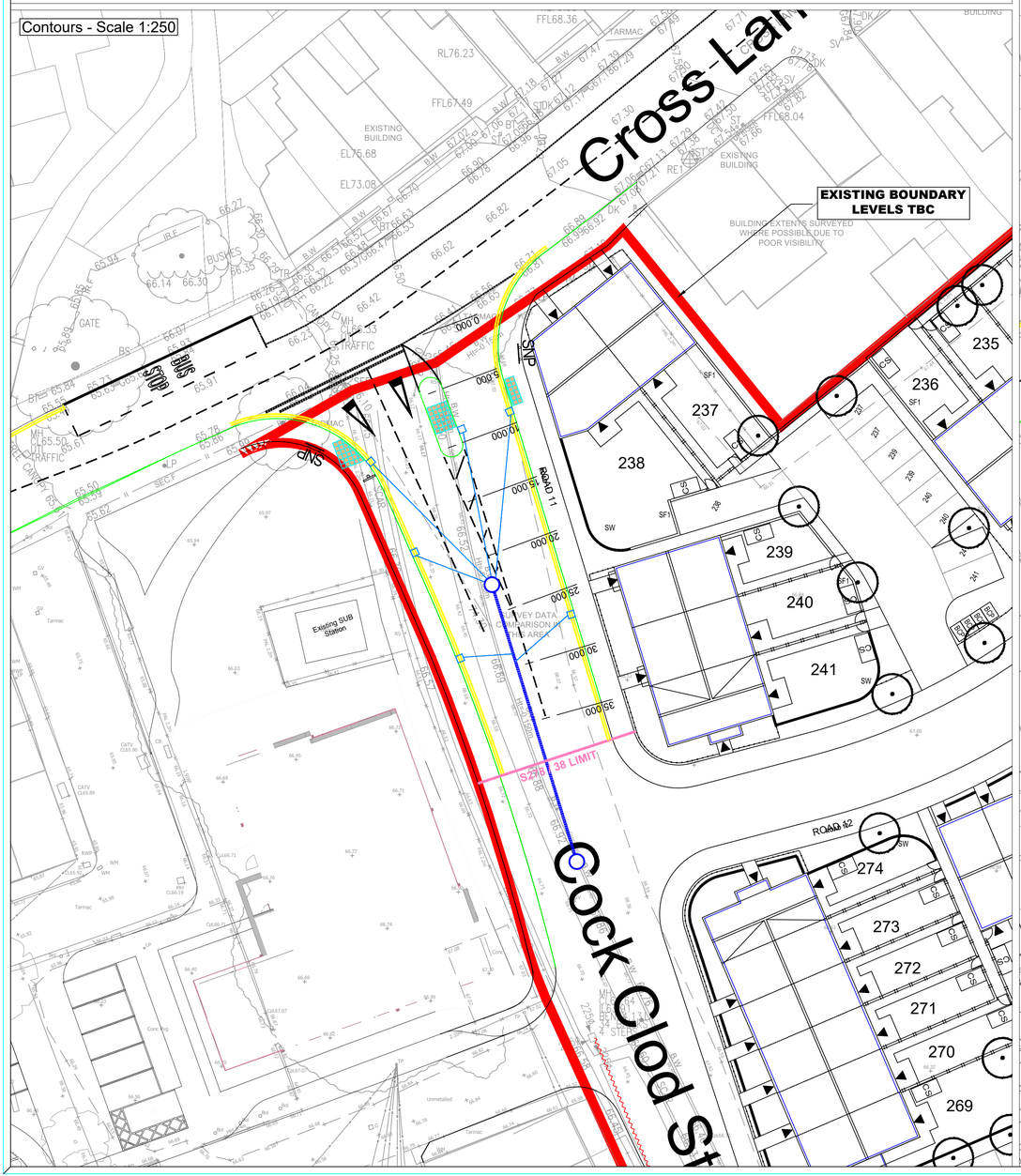
ROAD 13

CHAINAGE	0.000	10.000	20.000	25.104	28.619	30.000	34.018	35.566	38.327	40.000	45.000	46.294	HP	50.000	53.564	58.543	60.000	65.000	68.372	68.628	68.880	80.000	88.212	88.471	88.729	90.000	95.000	100.000	105.000	108.914	110.000	120.000	124.638
EXISTING GROUND LEVEL	66.901	66.914	67.533	67.893		67.800			67.372	67.000	66.856			67.447	67.914			69.011				68.092	100.000			67.201	65.254	65.888
ALIGNMENT LEVEL	66.327	66.427	66.527	66.627		66.710	66.725	66.749	66.751	66.743	66.707	66.639	66.541	66.459	66.415	66.148	65.993	65.880	65.740	65.595	65.444	65.384	65.288	65.076	64.919

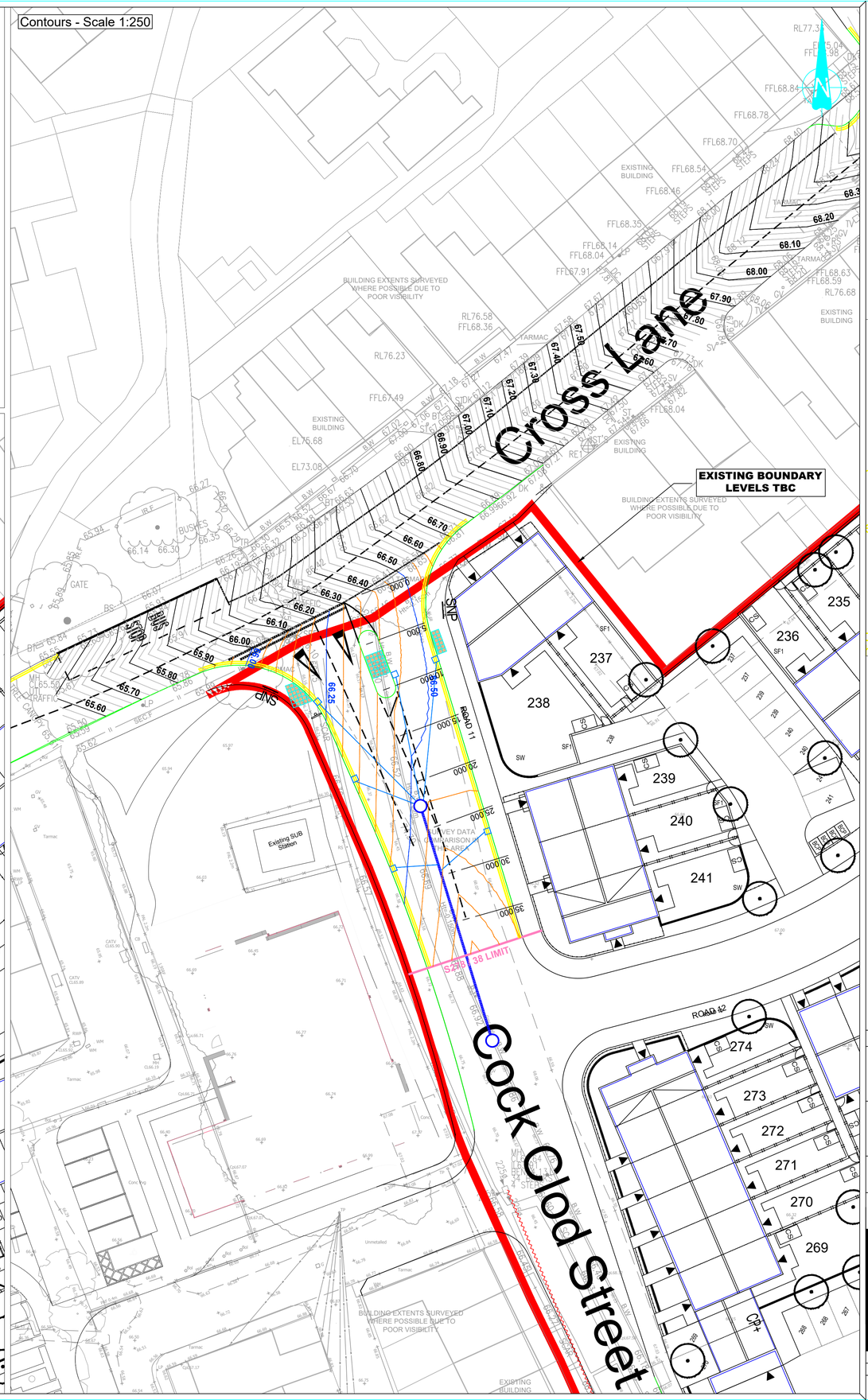
VERTICAL ALIGNMENT	G= 1.000% 1: 100.0	L= 30.000 KF= -8.17366	G= -2.670% 1: -37.4	L= 20.000 KF= -44.79485	G= -3.117% 1: -32.1

HORIZONTAL ALIGNMENT	R= 20.000	R= 50.000	R= 50.000	R= 15.000	R= 12.000

Contours - Scale 1:250



Contours - Scale 1:250



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GENERAL NOTES

- This drawing is to be read in conjunction with relevant architectural and engineering drawings.
- Any discrepancies between the details shown and actual on site conditions to be reported immediately to the engineer prior to commencement of works.
- This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert.
- Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

ADOPTABLE ROADS AND SEWERS

- Roads, footways and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the requirements of the Adopting Authority.
- Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Sewerage Sector Guidance (SSG) "Design & Construction Guidance" with any amendments specified by the Adopting Water Authority.
- All pipes to be used in adoptable sewerage shall be either clayware to BS EN 295 or concrete to BS EN 1916 and BS 5911: Part 1 with Class S bedding unless otherwise stated. With approval of the Adopting Authority solid wall concentric external rib reinforced uPVC pipes complying with the relevant provisions of BS EN 13476 may be used.
- Where cover to a pipe is more than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with well compacted DTp Type 1 material.
- Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be provided with concrete protection in accordance with the specification of the adopting authority and back filled to formation of the carriageway with well compacted DTp Type 1 material. Where concrete bed and surround is specified flexibility of joints is to be maintained by using compressible bitumen impregnated fibreboard at each pipe joint.
- All existing drainage invert levels, diameters and locations are to be checked by the Contractor prior to the commencement of any proposed drainage work. Any difference between actual and drawn details is to be reported to the Engineer immediately.
- Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.

S278 Legend

- Extent of Land Owed by the Developer
- 400 x 400mm Buff Tactile Paving (6 x 2 min)
- Existing Combined Sewer
- Proposed Storm Sewer
- Gully and Connection
- Proposed Major Contour
- Proposed Minor Contour
- Existing Major Contour
- Existing Minor Contour
- Proposed Carriageway Level
- Existing Ground Level

Rev.	Description	Date	By
G	Updated to suit revised layout and planning comments	24/01/2025	SH
F	Updated to suit revised layout.	22/10/2024	SH
E	Updated to suit revised layout.	29/07/2024	SH
D	Updated to suit revised layout.	11/07/2024	SH
C	Updated to suit revised layout and planning comments	05/07/2023	SH
B	Updated to suit revised layout.	17/10/2023	SH
A	Updated to suit revised layout and S278 limit.	09/12/2022	SH
-	First issue	30/11/2022	SH

Drawing Status

PLANNING

Please note while these drawings may be used for tender purposes, drawings are subject to the Greater Manchester County Council approval as part of ongoing consultations and design checks. Amendments may therefore be requested.

Client

MORRIS

Project

East Lancs Paper Mill
Bury

Title

Section 278
Contours, Chainages & Long Section

BANNERS GATE
CIVIL, STRUCTURAL & ARCHITECTURAL DESIGN SERVICES
10-11 Birmingham Street, Halesowen, West Midlands B63 3HN
Tel: 0121 687 1500 Fax: 0121 687 1501
E-mail: mail@bannersgate.com

Scale	1:250/500 @ A1	Drawn	SH
Date	November 2022	Checked	DA
File	22166/drawings/civils/current	Drawing	22166 / 405 G