

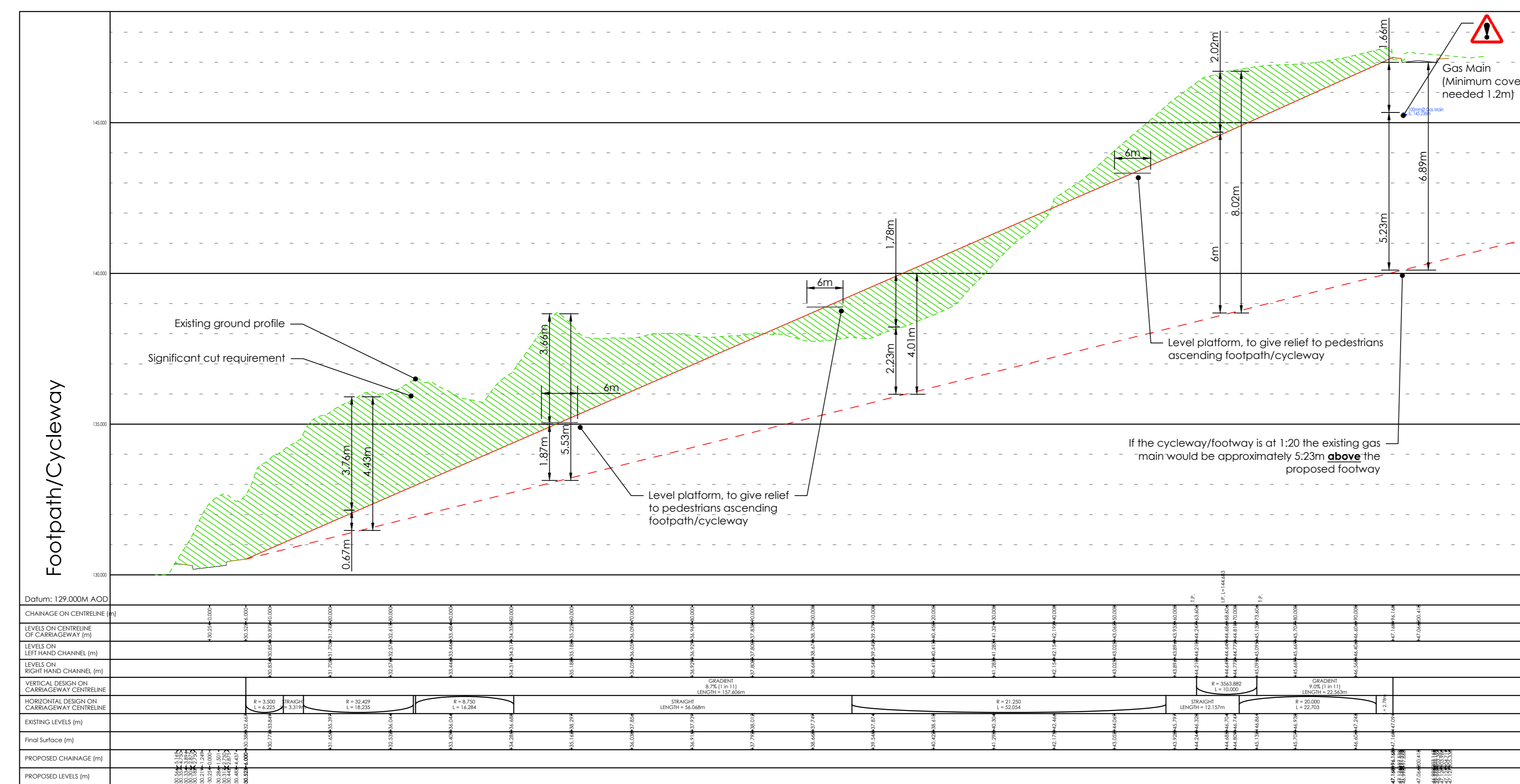
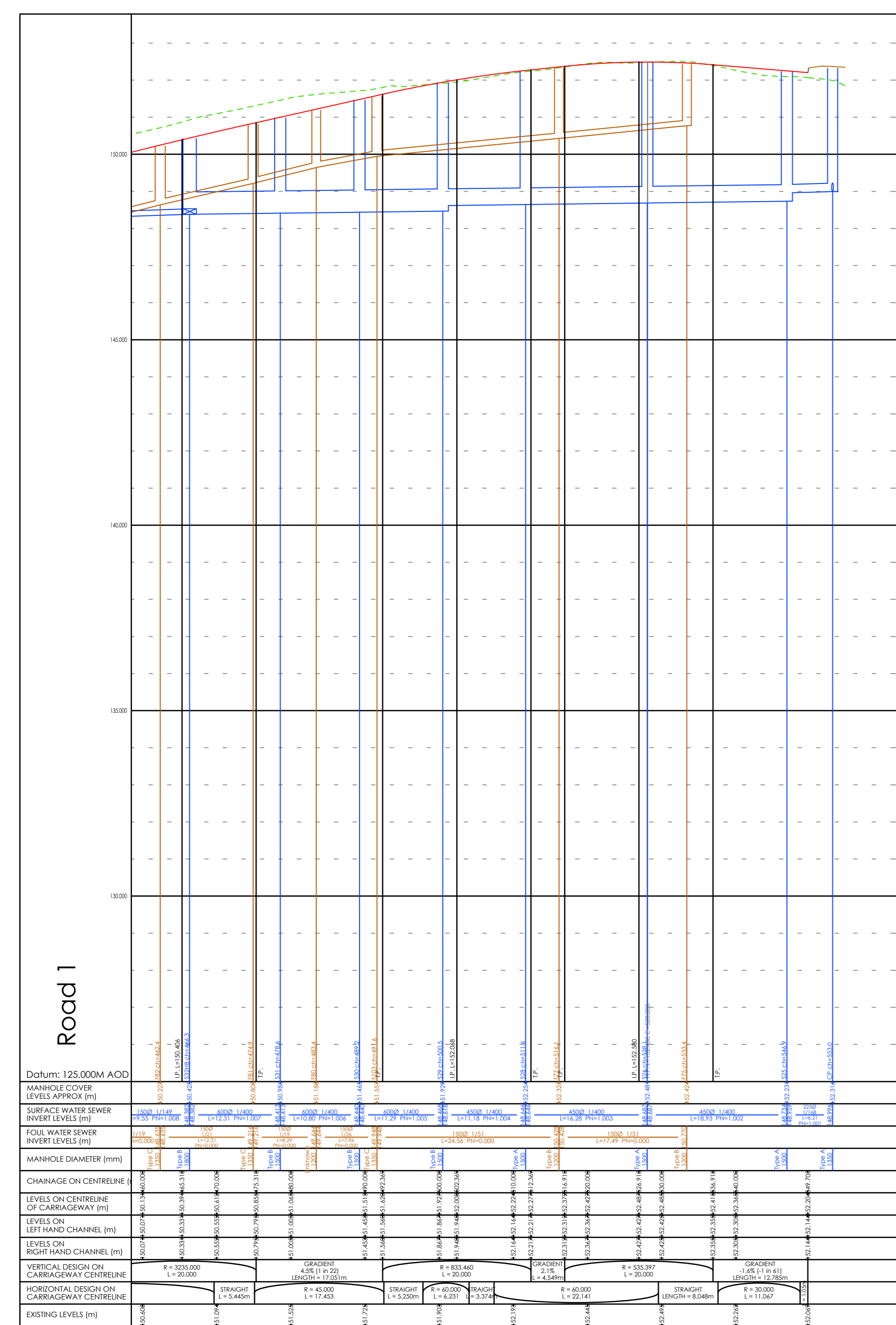
**Legend**

- Existing Ground Level
- Proposed Finished Surface Level
- Proposed 1:20 Finished Surface Level
- Proposed Surface Water Drainage
- Proposed Foul Water Drainage

**Notes**

- This drawing is to be read in conjunction with the standard details, the layout, schedules and specifications for the development.
- A 1:1% gradient represents a rise of 1m in 100m.
- Left and right hand channels are on the left and right hand side respectively when standing at zero change and looking along the road.
- A level at any point 'x' m from the start of a vertical curve is given by the formula:
 
$$\text{level@'x' level@ start of curve} + \frac{(x-50)^2}{100 \times 200}$$
 where 'x' and 'y' are the gradients at the start and end of the curve respectively and having the algebraic sign: +/-.
- Pipe sizes are stated in millimetres and levels are shown in metres A.O.D.
- All pipes to have flexible joints with gaskets meeting Class 4 unless noted otherwise, where 100mm concrete bed and surround is specified the concrete must be broken at the joint positions by the insertion of a 'flexical' collar.
- Connections to existing sewers are to be fitted to offset unless noted otherwise.
- All verified CLAs to be extra strength to BS 65: 65: 1991.
- 'n' is equal to the rate of change of gradient and is calculated from the formula:
 
$$n = 100 \times \frac{A - B}{L}$$
 Where A and B are as in note 4 above.
- Existing levels to be confirmed on site prior to commencement of works.
- All CCHCs to be class 'M'.
- Refer to Betts Associates drainage layout drawing MD712-001
- All drainage drainage is to be designed and constructed in accordance with sewer sector guidance, Appendix C (DCG)

Details on this drawing are subject to technical approvals



Project No: 102823

Project Name: Dinting Vale Glosop

Client: Dinting Vale Glosop

Project Title: Road 1 and Cyclepath Longitudinal Section Showing 1:10 and 1:20 options

Scale: 1:100 (H), 1:50 (V) for the original size of A0

Drawn by: NR | Checked by: | Traced by: | Date: Jan'23

For information

Job No	Project	Origin	Volume	Level	Scale	Date	Number	Revision
WA25	XX	BET	XX	XX	DR	C	1011	PO1

Do not scale this drawing

4-7 Old Moor Farm Bury, West Road, Glossop, Greater Manchester, M20 2JF

0161 275 4444 | www.betts-associates.co.uk