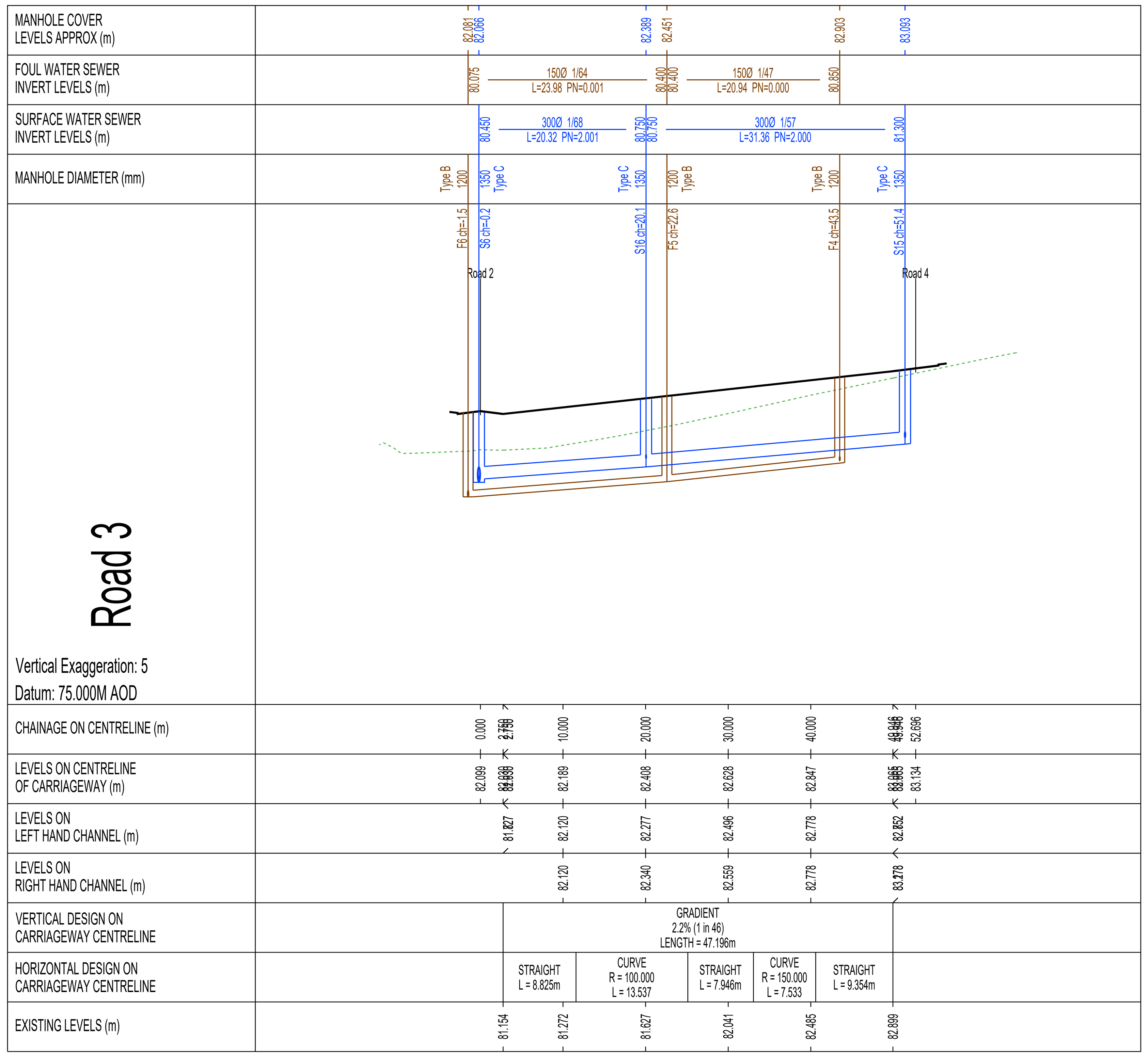
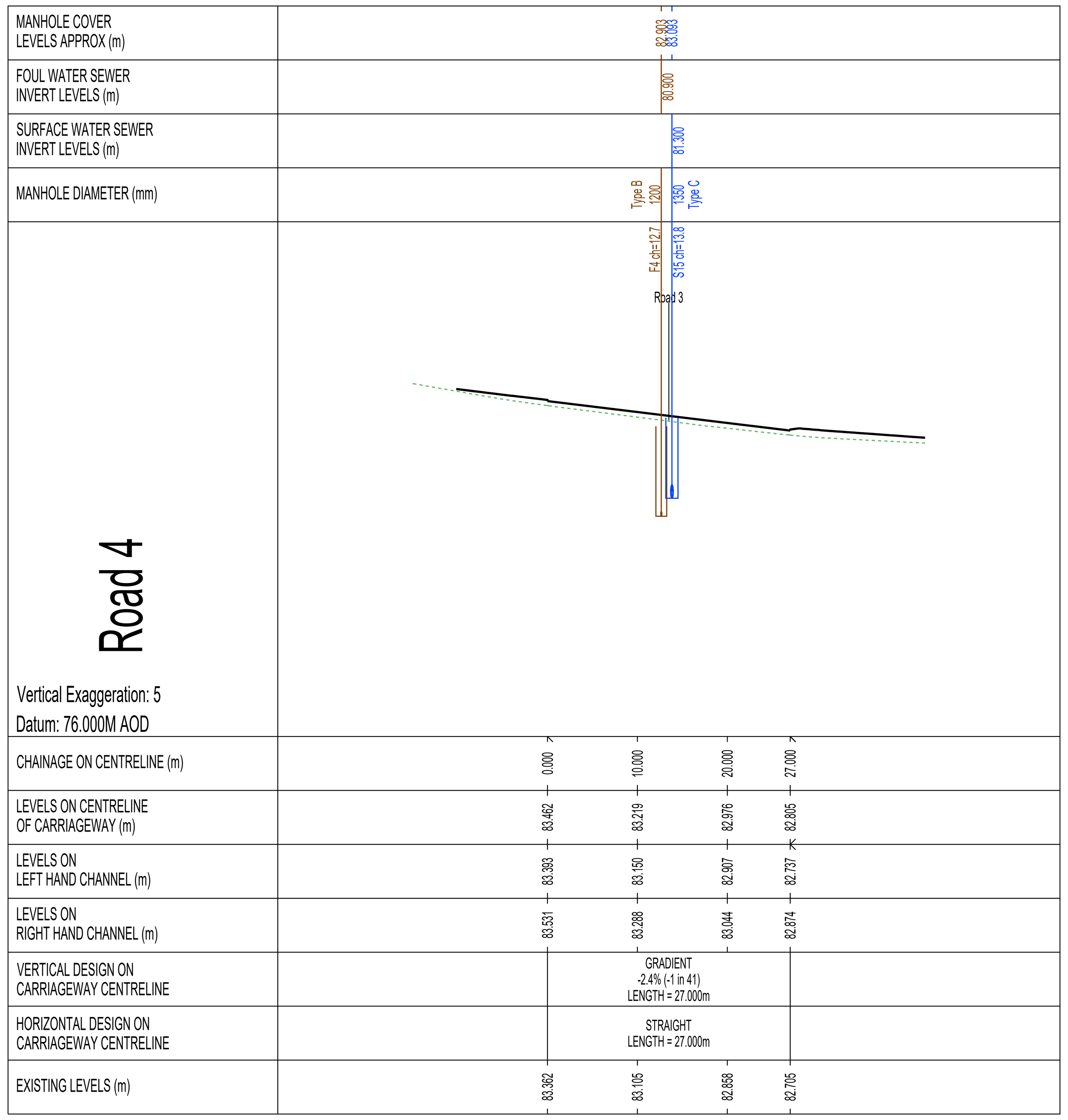
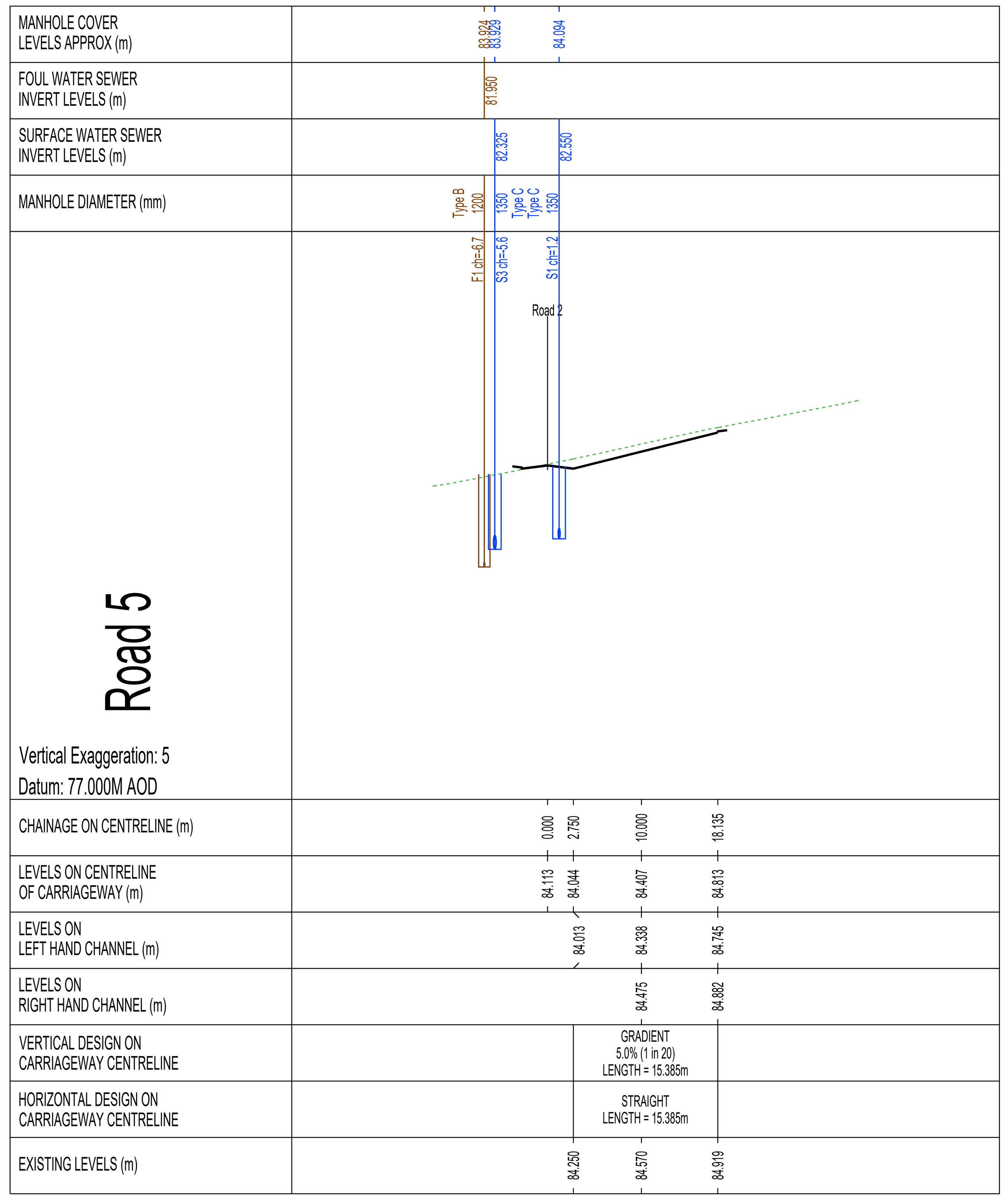
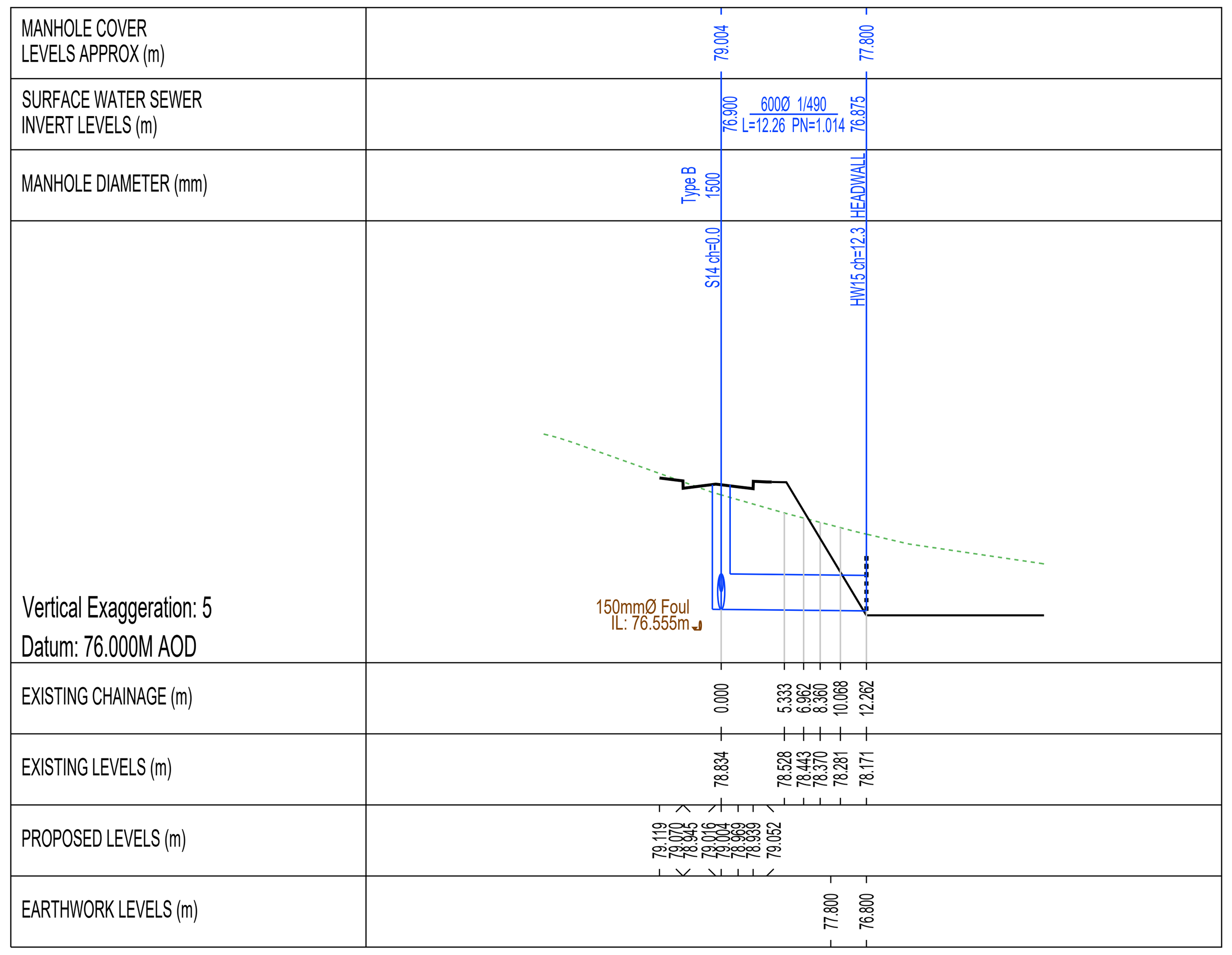
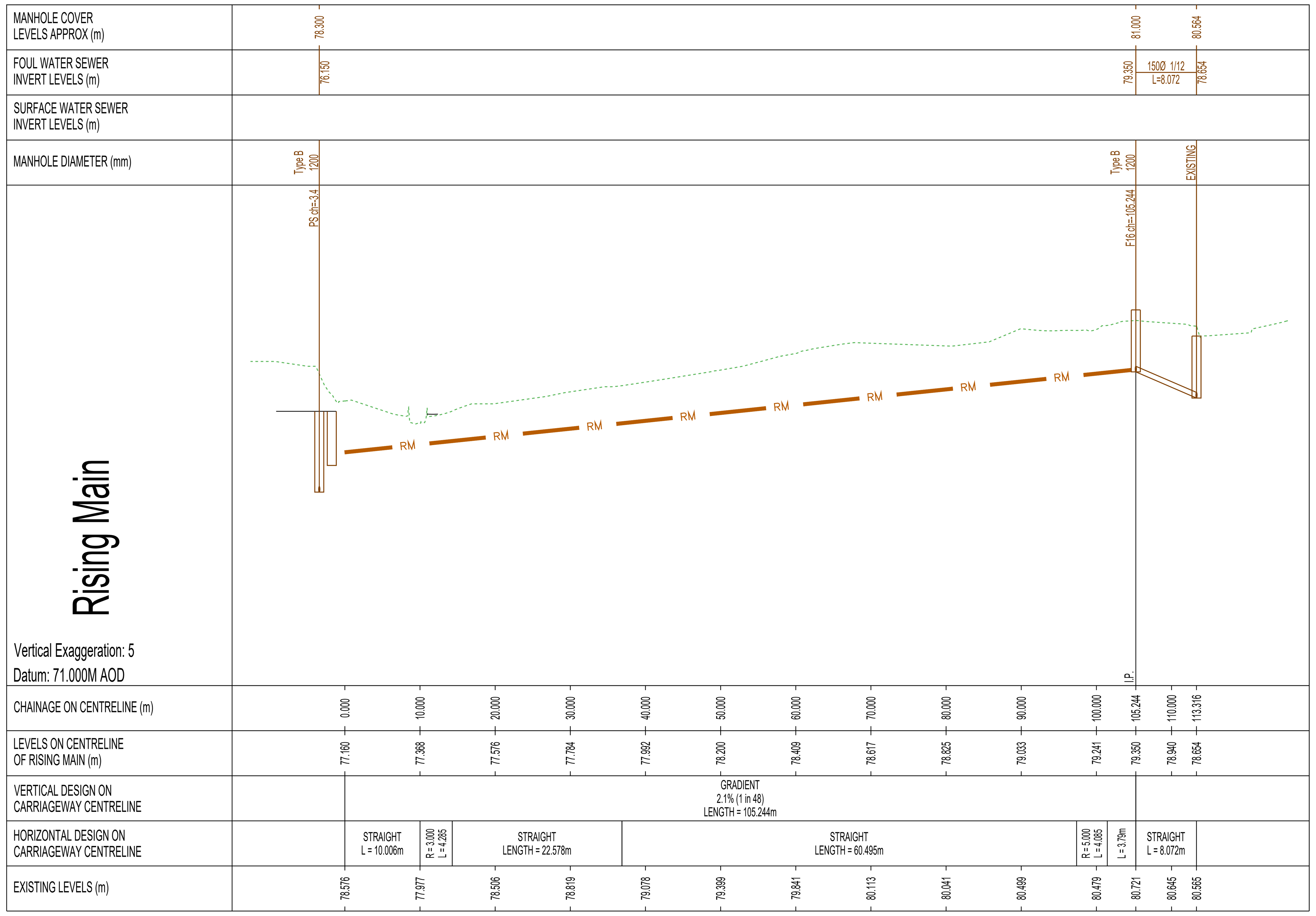










NOTES.

1. This drawing is to be read in conjunction with the Standard Details, the Layouts and, schedules and specification for this project.

2. A +1% gradient represents a rise of 1m in 100m.

3. Left and Right hand channels are on the left and right side respectively, when standing at Chainage Zero and looking up the road.

4. A level "y" at a point "x"m from the start of a vertical curve is given by the formula:

y = Level at start of curve + (A*x/100) - ((A - B)*x*x)/200L

where: "A" and "B" are the gradients at the start and end of the curve respectively, and having the algebraic signs + or -.
"L" is the length of vertical curve. A is denoted as the gradient given as a percentage divided by 100.

5. Pipe sizes are shown in millimetres and levels shown in metres AOD.

6. All pipes to have flexible joints with granular bed and surround (Class S) unless otherwise stated. Where cover under roads or vehicular access areas is less than 1200mm, then Concrete slab protection as per details should be used.

7. All trenches under adopted highway should be backfilled with Type 1 subbase.

8. Connections to existing sewers are to be Soffit to Soffit, unless otherwise noted.

9. Channel Blocks required when gradient is less than 1%.

10. Unless otherwise stated - all drainage to be adopted by Drainage Authority under a S104 Agreement of the Water Industry Act. Any Highway drainage or gulley connections to be adopted under Section 38 of the Highways Act.

11. All Adoptable Drainage Works shall comply with the Design and Construction Guidance for foul and surface water sewers offered for adoption under the Code for adoption agreements for water and sewerage companies operating wholly or mainly in England ("the Code") Approved Version 2.0

12. All adoptable highway works to be in accordance with Hertfordshire's design guide:
Roads in Hertfordshire - Highway Design Guide, 3rd edition

REV	DESCRIPTION	DATE
A	Amended to Clients comments	26.11.25

STATUS:

PRELIMINARY

SCALE : H 1:500 V1:100@ A1
DATE : OCT 25
DRAWN : IDL

TITLE :

Longitudinal Sections Sheet 2

PROJECT : London Road, St Ippolyts

DRG. No: 1331-04-02 Rev A

FILE REF: 1331-04

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