

- DO NOT USE THIS DRAWING IN SITUATION. This drawing has been prepared as part of a design and construction process and is not to be used in isolation. Any modifications or design changes must be approved by the engineer prior to construction of works and commencement of works. Following completion of works, the contractor shall provide a final report to the engineer.
- The contractor is responsible for the engineering design (including, but not limited to, ground investigation, geotechnical reports, and detailed design work). The engineering design must be made in consultation with the relevant authority prior to commencing work. Queensberry Design Ltd are not responsible for any third party information or data.
- House type working drawings are to be used in conjunction with the plot setting out drawings.
- Design data will remain preliminary until full technical approval is received from local authority and engineering authorities. Before commencement of work, the contractor shall ensure that all data is up to date and may be subject to change.
- The contractor is required to provide appropriate construction method statements for all aspects of proposed work. This should include any temporary protection works, construction and placement of permanent works and any other works. Any need for land drainage should be assessed by the ground worker and contractor during construction and placement of permanent works and any other works. If land drainage design is required, they should be approved prior to construction.
- The contractor is required to check all proposed works with the relevant authority. The contractor must make the 'as built' program of each construction stage immediately available to the engineer. It is the contractor's responsibility to check the design before installation. For this reason the design of floor levels, external works, retaining walls, and plot drainage are to be used as guidance only.

- Highways
- All highway works to be carried out in accordance with the current local authority design code and specifications.
  - All excavations below proposed and existing highways to be back filled with granular sub base and well compacted in layers not exceeding 100mm, unless otherwise agreed.
  - Highway authority to be notified by the contractor prior to the commencement of works.

Acceptable Change

- All acceptable change works to be in accordance with the water authorities publication 'Sewerage Society Customer' issued as the approved drainage.
- Final concrete approval to comply with the relevant provisions of BS5911 Part 220.
- All work to be in Class B engineering complying with the relevant provisions of BS 5911. Concrete blocks may be used if their specification is the same as Class B engineering blocks. These must be approved by the relevant water authority before use.
- Manholes covers and frames shall comply with the relevant provisions of BS EN 124 and be of non-slippery, non-susceptible design.
- Ladders that are required in Type A manholes are to comply with 'Sewerage Society Customer'.
- Concrete must be either C20 or higher standard Portland cement with high strength concrete topped to the bedding, or C25 ordinary Portland cement.
- 150mm Concrete surround to equal around pipes where the depth from finished surface to depth of pipe is less than 100mm. This may be reduced to 50mm where approved.
- The location of existing drainage that will cross proximity to the proposed site works, which is not to be diverted, should be confirmed by the contractor and reported to the engineer to ensure it corresponds to that shown on the engineering layout and that no proposed works are affected.
- The position, size and diameter of existing drainage apparatus should be confirmed in situ prior to the commencement of the works. Any discrepancies must be reported to the engineer immediately.
- The construction of all and surface water drainage to the existing public sewer system shall be subject to the approval of the local sewerage undertaker. The contractor is required to apply for necessary permits prior to commencing work.
- Roads and sewers contractor must inform water authority prior to works commencing.

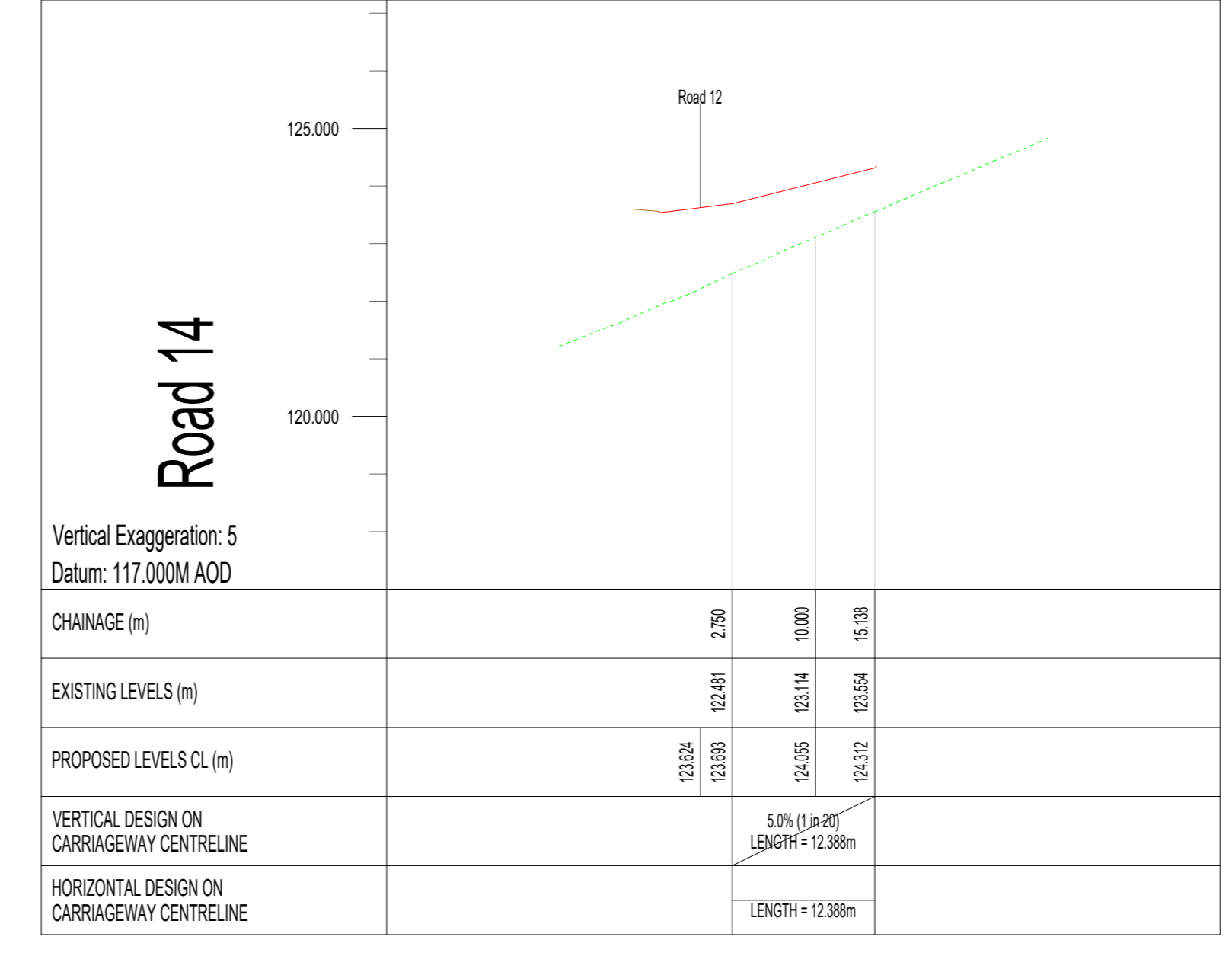
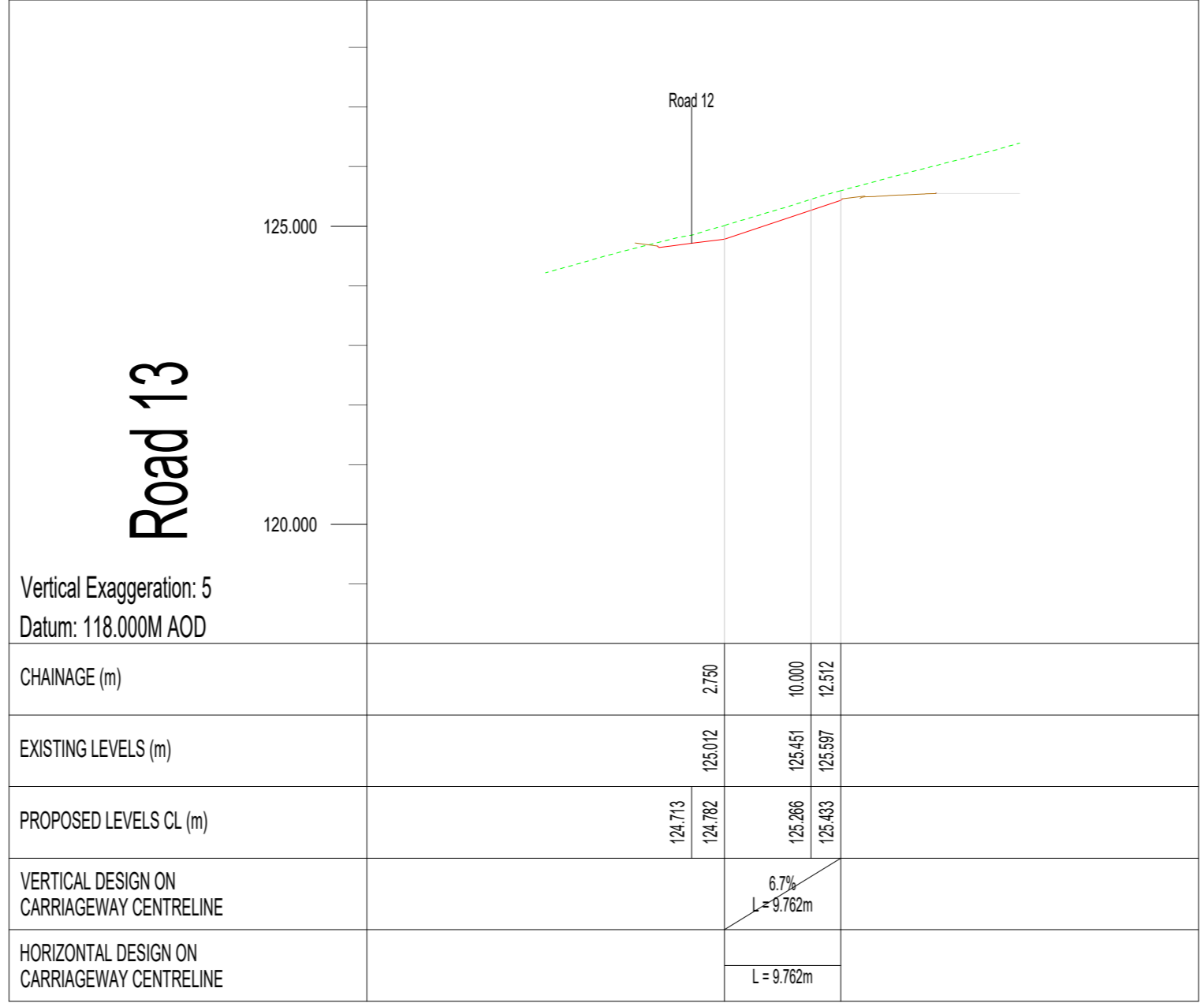
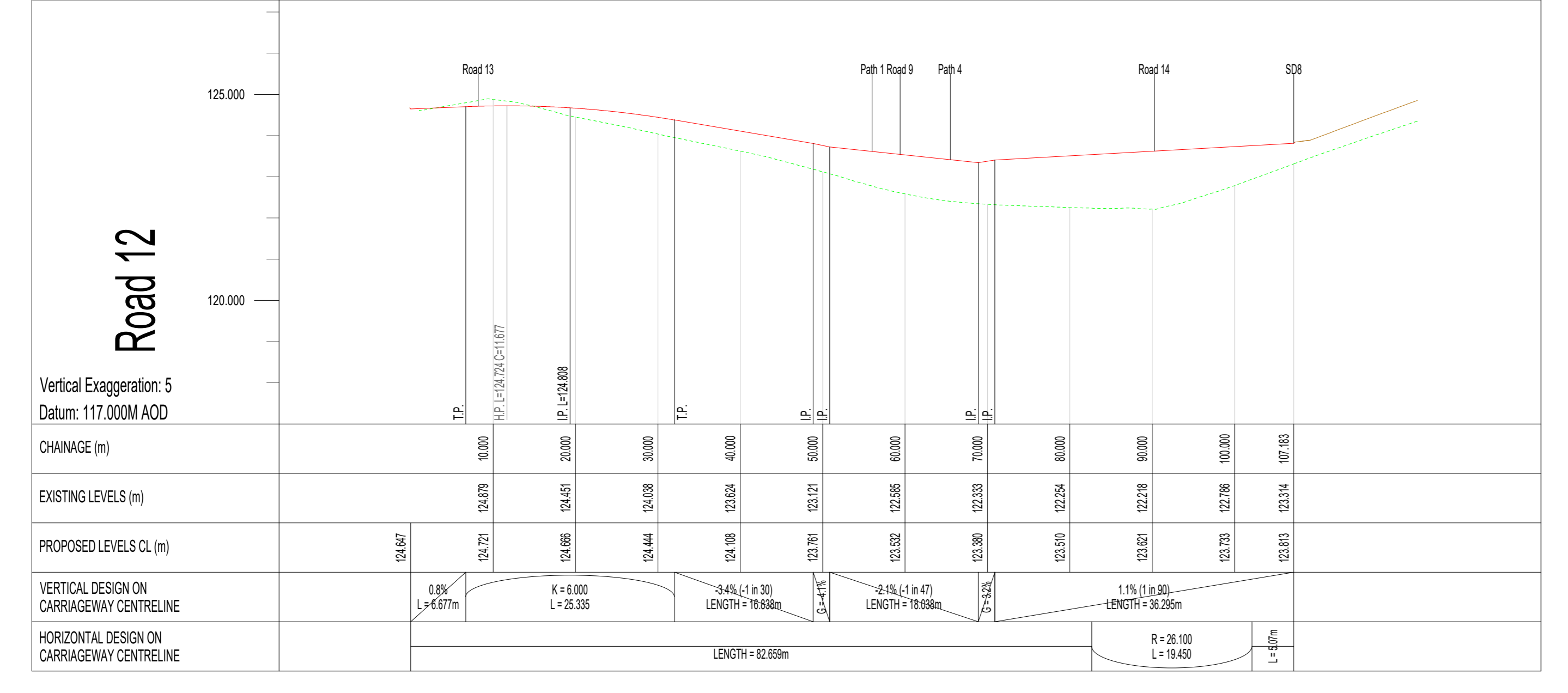
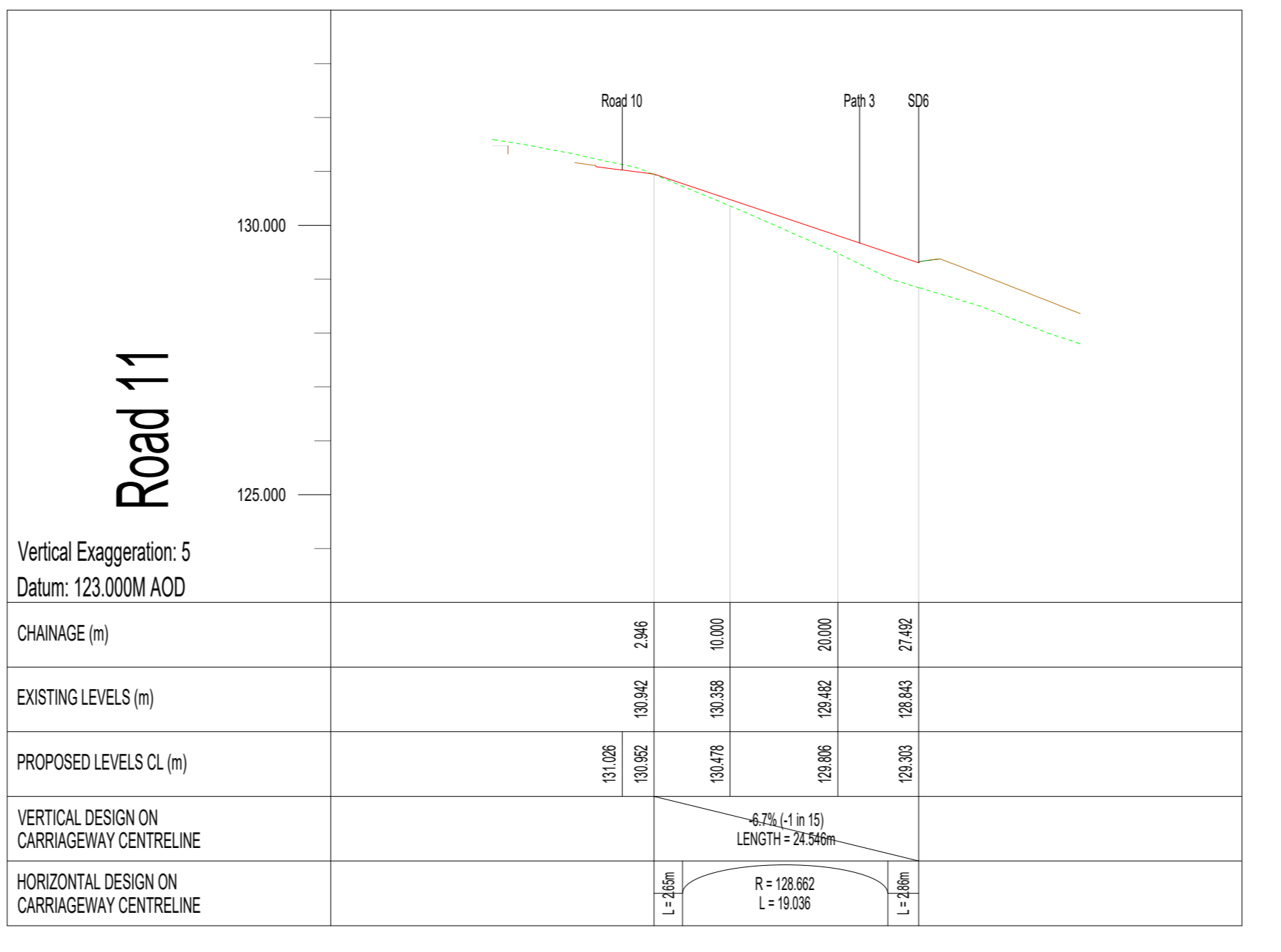
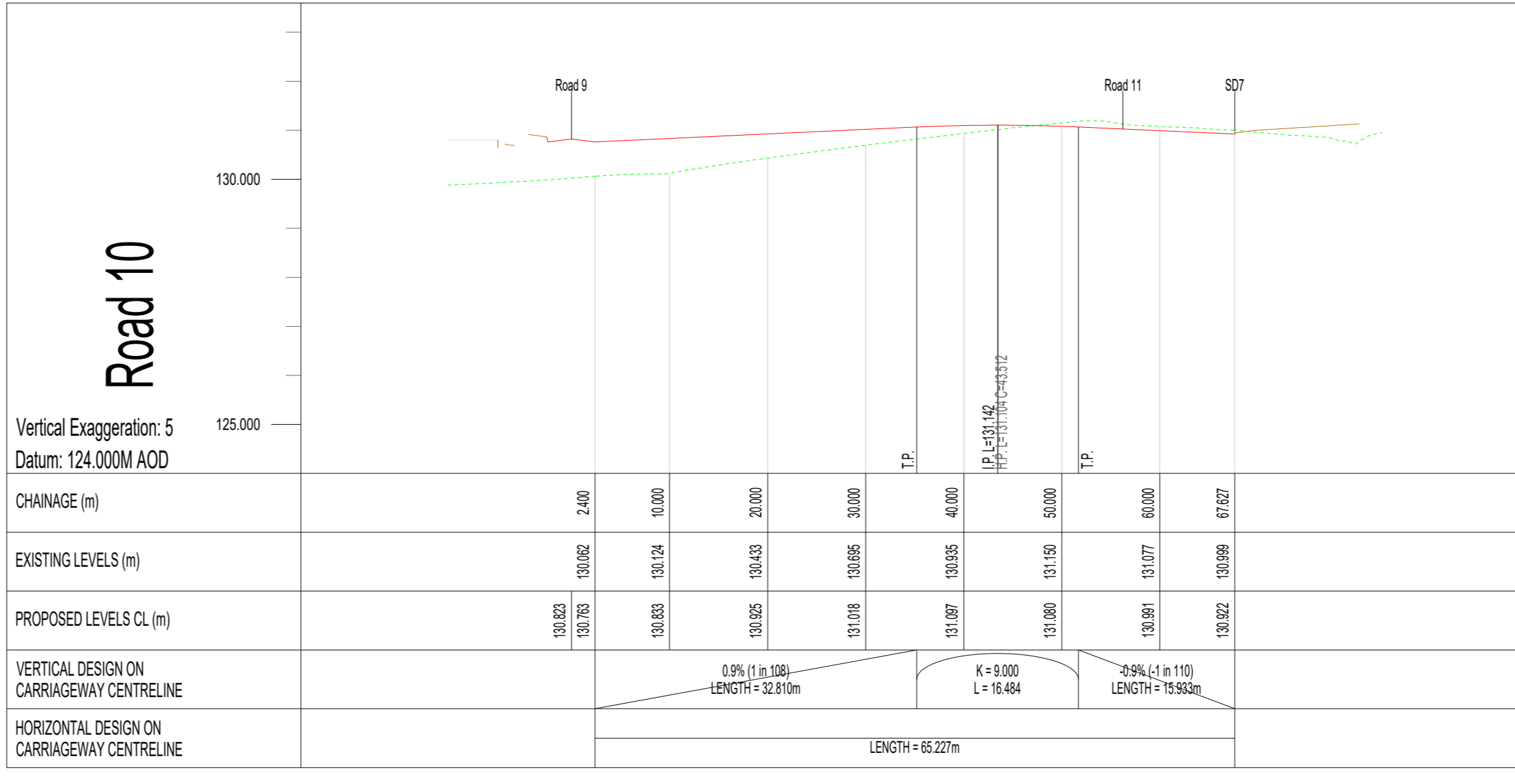
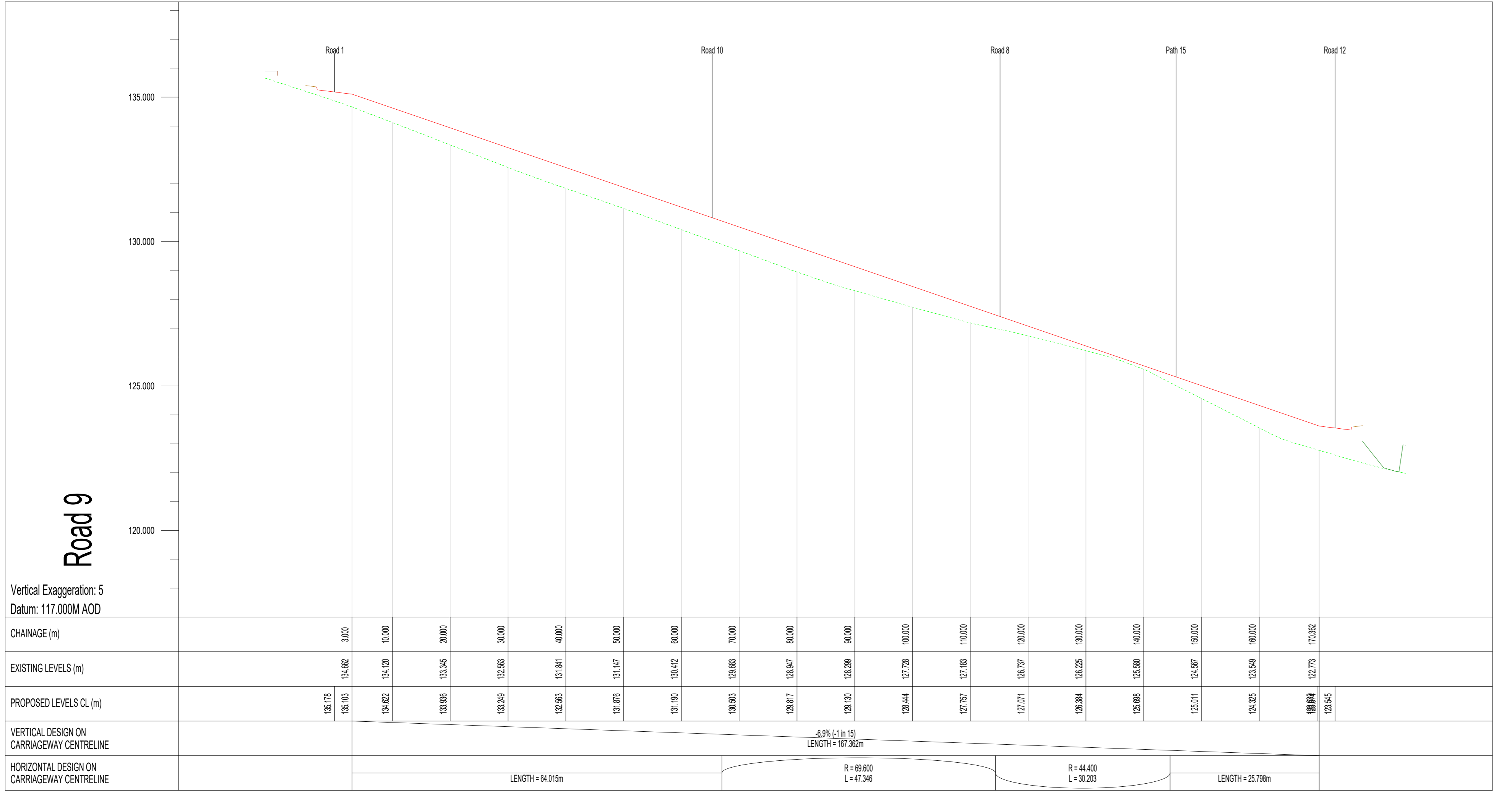
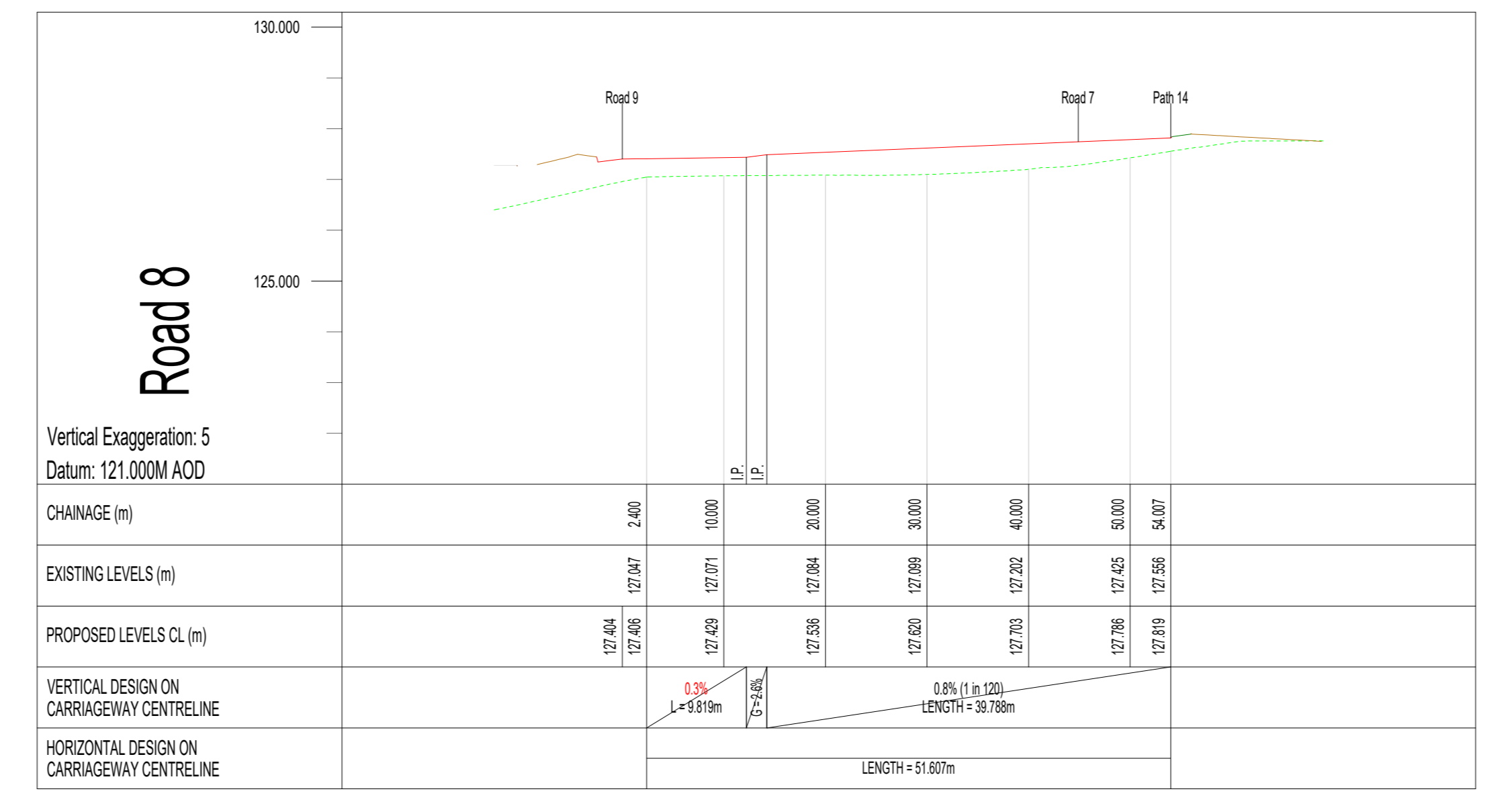
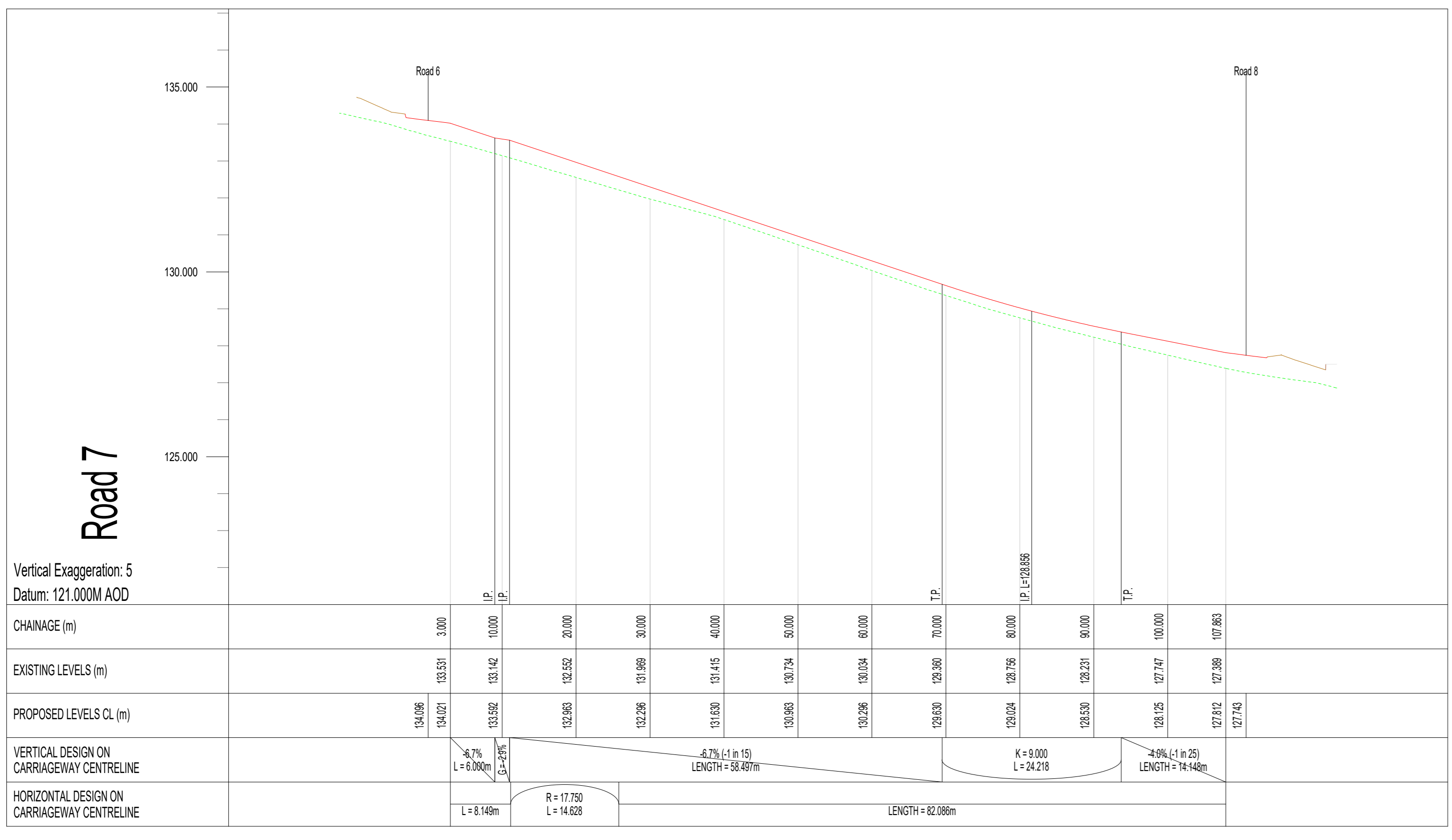
Existing Services

Any existing services which may be affected by the proposed works should be located by means of a hand dig in close liaison with the statutory service authorities. The contractor shall ensure the development of any services that may affect the proposed design. Contractor to notify statutory service authorities prior to commencement of work.

As Constructed Information

Refer to notes in above. It is the contractor's responsibility to provide the following as constructed drawings to the developer upon the completion of the works covered by the contract:

- Propositions/coordinates of all adopted manholes.
- Invert and cover levels of all adopted manholes.
- New gully positions and connections.
- Position and depth of services such as water, gas, electric, BT, cable and street lighting, stating size and number of runs.



Rev	Date	Revision Details	Drawn	Checked

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Client: **GLEESON HOMES**

Project: **HARRAS MOOR**

Title: **LONGSECTIONS STRATEGY SHEET 2**

Drawn: **JP** Checked: **AL** Date: **APRIL 2026**

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