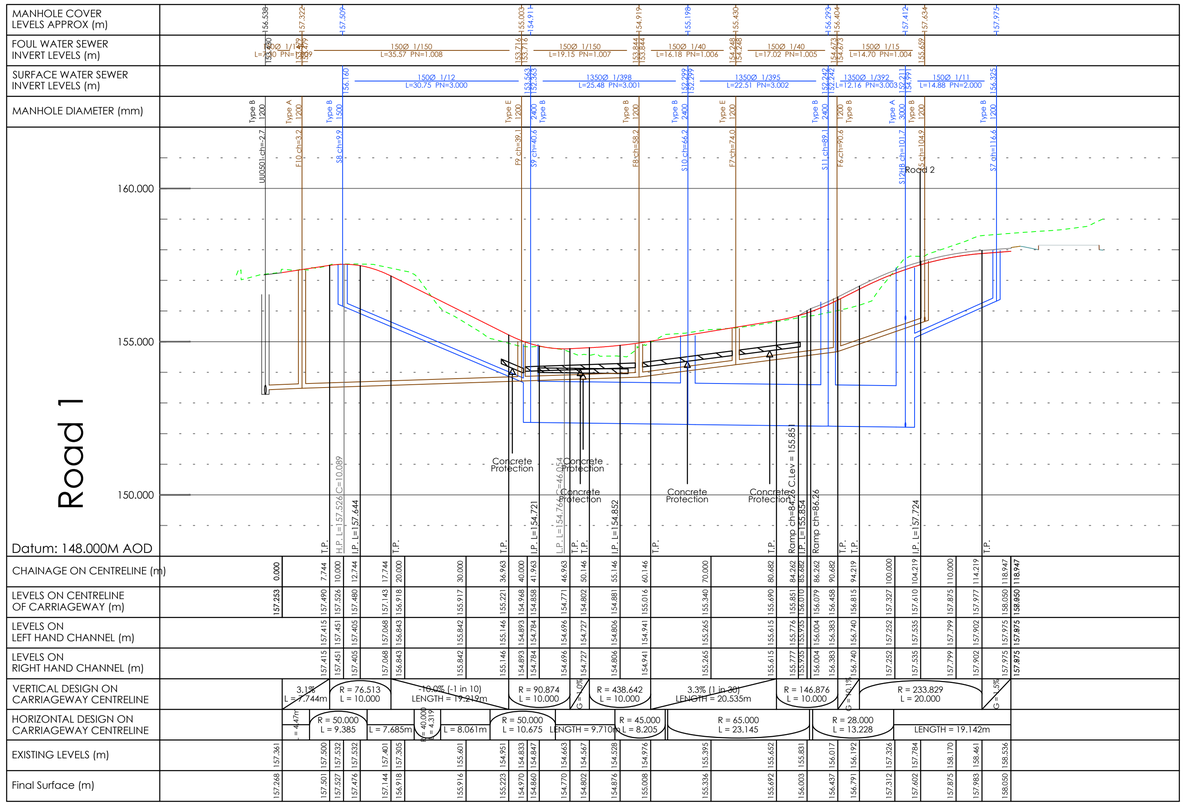
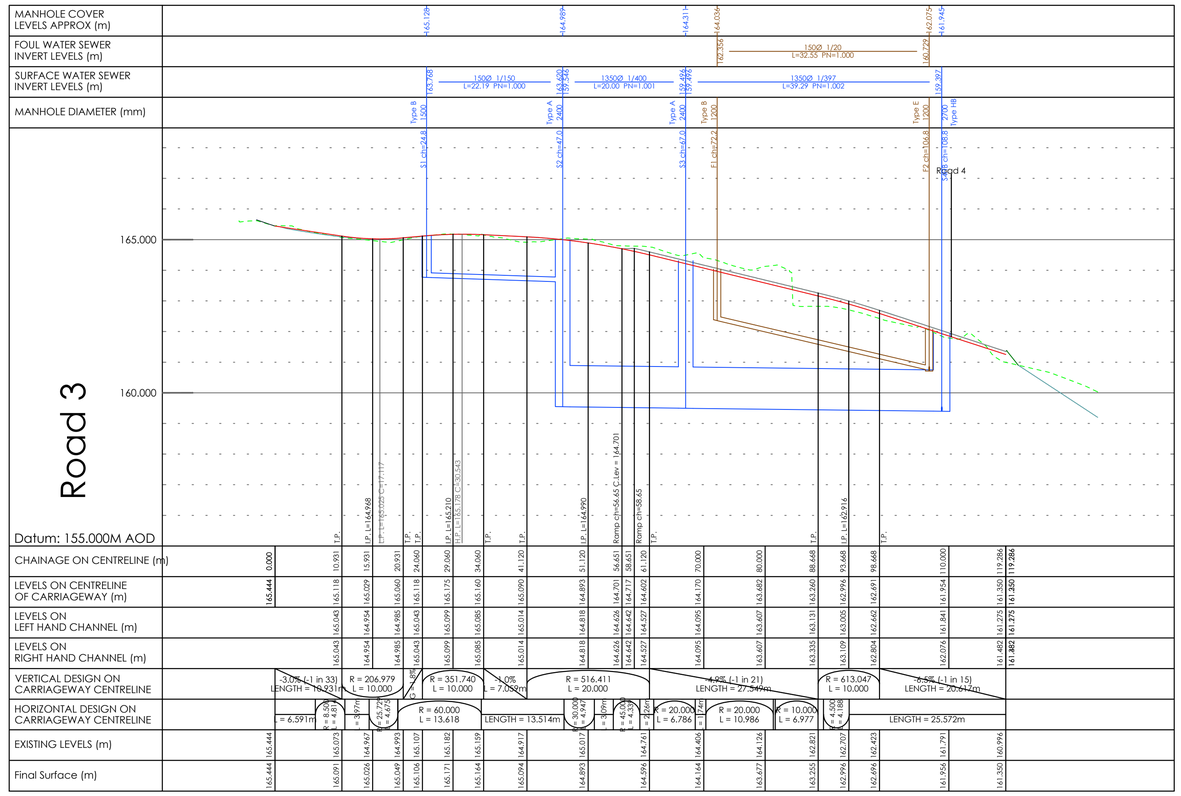



NOTES

1. Foul Water Details
   - 1.1. Proposed discharge point to allow for gravity solution UU Manhole ref 0501in Slatelands Road.
   - 1.2. Connectivity to the existing foul water drainage serving Devonshire House must be proven prior to acceptance of the design.
2. Surface Water
   - 2.1. Overall allowable discharge rate 10.0 l/sec (QBar), as taken from the FRA produced by Betts Hydro (June 2021) Ref:- HYD512_HOLLIN.CROSS.LANE_FRA&DMS.
   - 2.2. Design based on large diameter pipes to contain the 1:30 year storm water and the 1:100 year.
   - 2.3. The 1:30 year simulations include for a surcharged outfall based on interpolated model details within the FRA. Level used is 151.79mAOD.
   - 2.4. The 1:100 year + 40% CC simulations include for a surcharged outfall based on interpolated model details within the FRA using the 1:100 year figures. Level used is 151.98mAOD.
   - 2.5. Connectivity to the existing surface water drainage serving Devonshire House must be proven prior to acceptance of the design.
3. Layout Details
   - 3.1. The design has been based where possible on details provided the the Pozzoni drawing ref:-5417-PAL-ZZ-ZZ-DR-A-110 P13 Site Plan and TPA drawing ref:- 6004.02 Root Protection Plan, with adjustments being made to allow for both surface and foul water design requirements.
   - 3.2. Further layout considerations include:-
     - 3.2.1. Relocating the bin store to adjacent car parking in front of plot 08 to provide a woodland vista.
     - 3.2.2. Due to the proposed sewer routing and outfall to the water course consideration will need to be take with regards proposed and existing planting/trees to allow for required sewer easements where no planting will be allowed.
4. Drainage Generally.
   All drainage is to be private.
   All drainage to comply with the building regulations Part H.
   Final connect of the foul drainage network to existing combined UU manhole ref 0501 in Slatelands Road is subject to a Section 106 agreement under the Water Industries Act 1991.
   Specified oversize pipes 1350dia are available by special order from FPMcCanns.
   The headwall outfall discharge to Long Clough Brook as a designated main river is subject to Environment Agency approval. No development is permitted within 8m from the top of bank of Long Clough Brook.

| Mark | Date | Details | By |
|---|---|---|---|
| B | 26.01.23 | Amended to suit updated drainage layout | NR |
| A | 29.07.21 | Produced for Client comment | GW |

Revision history

Drawing originator:

BETTS HYDRO CONSULTING ENGINEERS
BETTS ASSOCIATES CONSULTING ENGINEERS
BETTS GEO CONSULTING ENGINEERS

Client:

# Eden Planning Ltd

Project title:

Hollin Cross Lane
Glossop

Drawing title:

## Longitudinal Section

Scale: 1:500 for the original size of A1

Drawn by: GW | Checked by: RA | Passed by: RA | Date: July 2021

Drawing status:

Provisional

| Job No: | Drawing No: Project | Origin. | Volume | Level | Type | Discip. | Number | Revision: |
|---|---|---|---|---|---|---|---|---|
| EDE01 | 5417 | BET | ZZ | XX | DR | C | 103 | B |

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