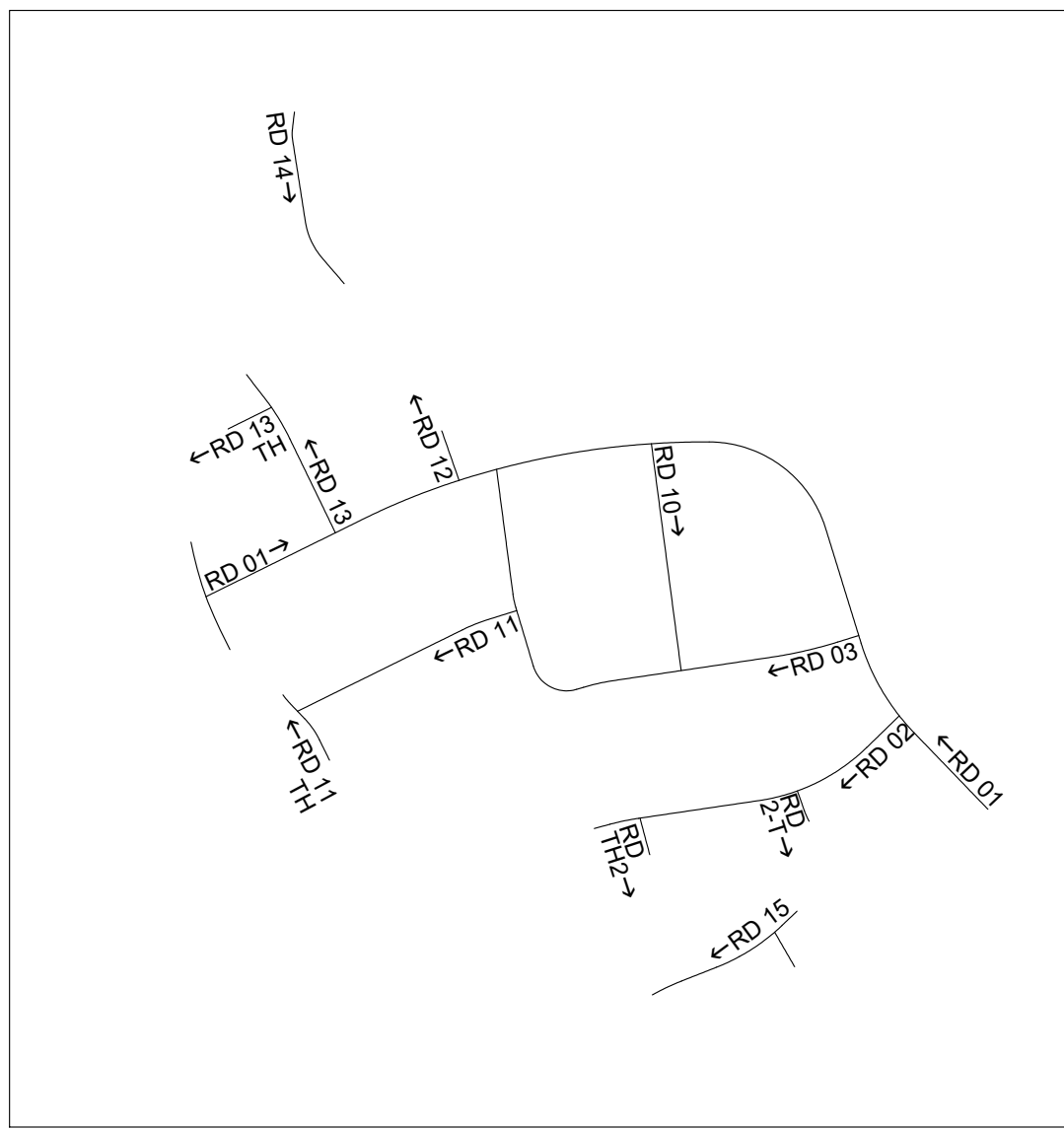
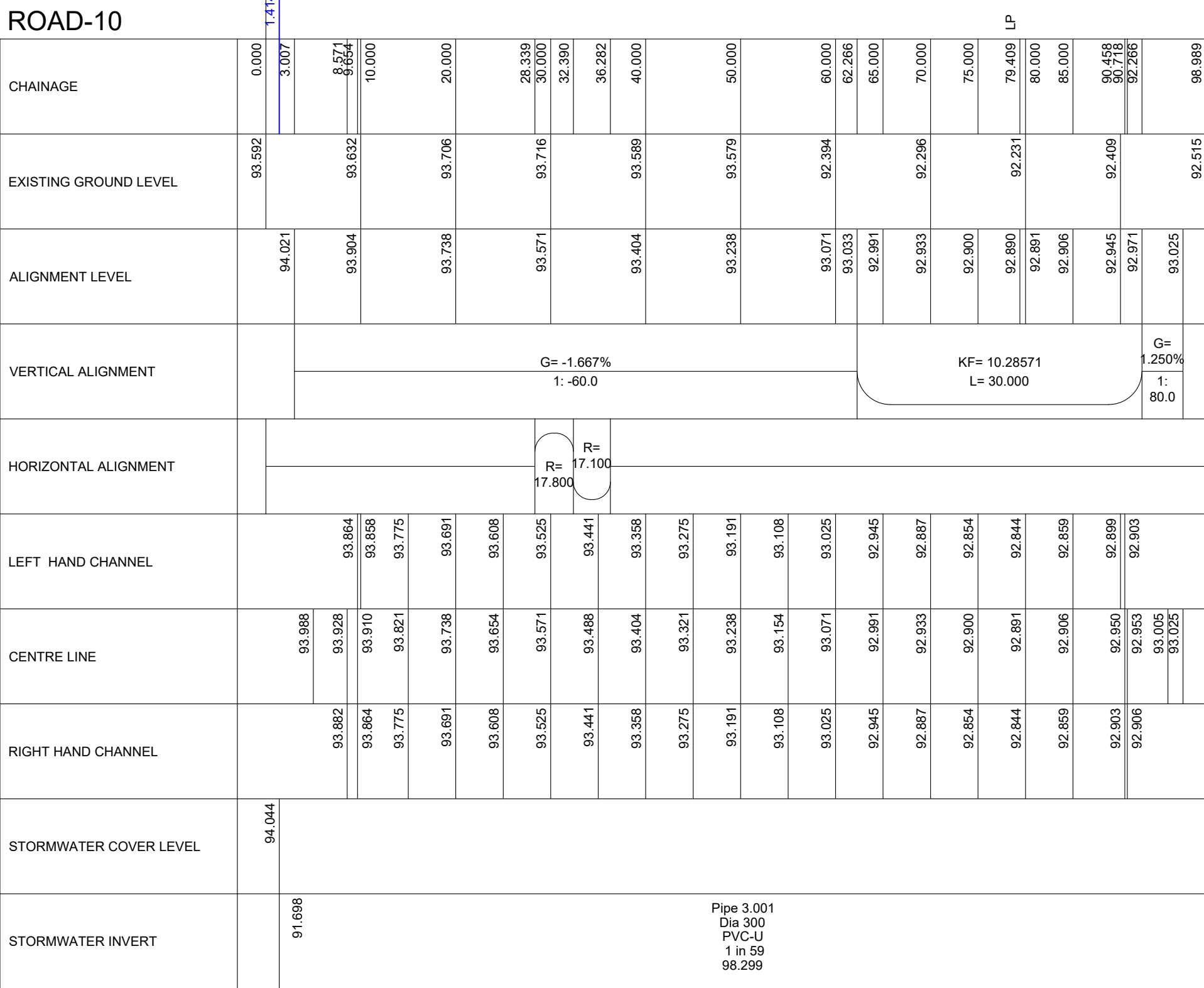
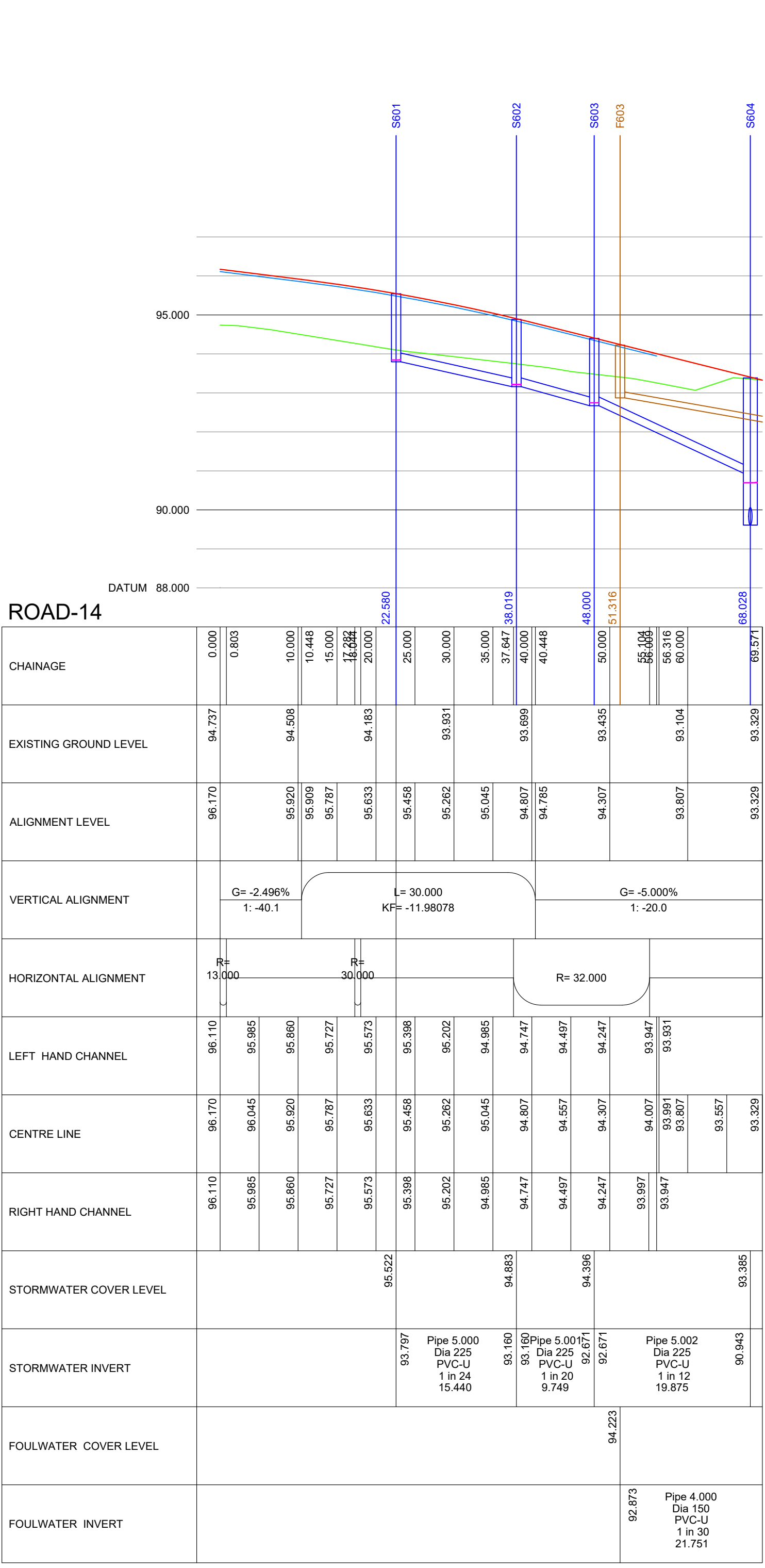
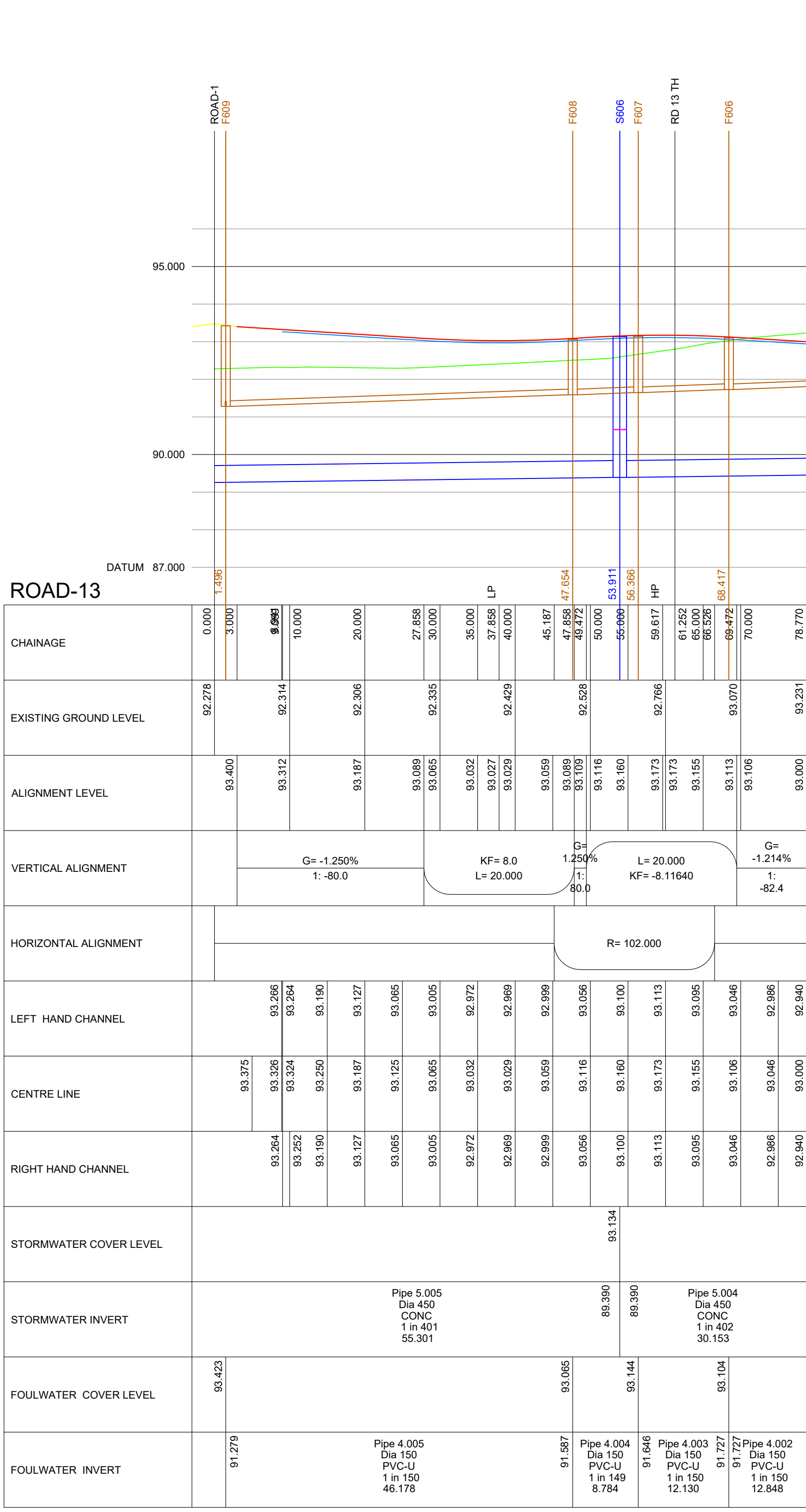
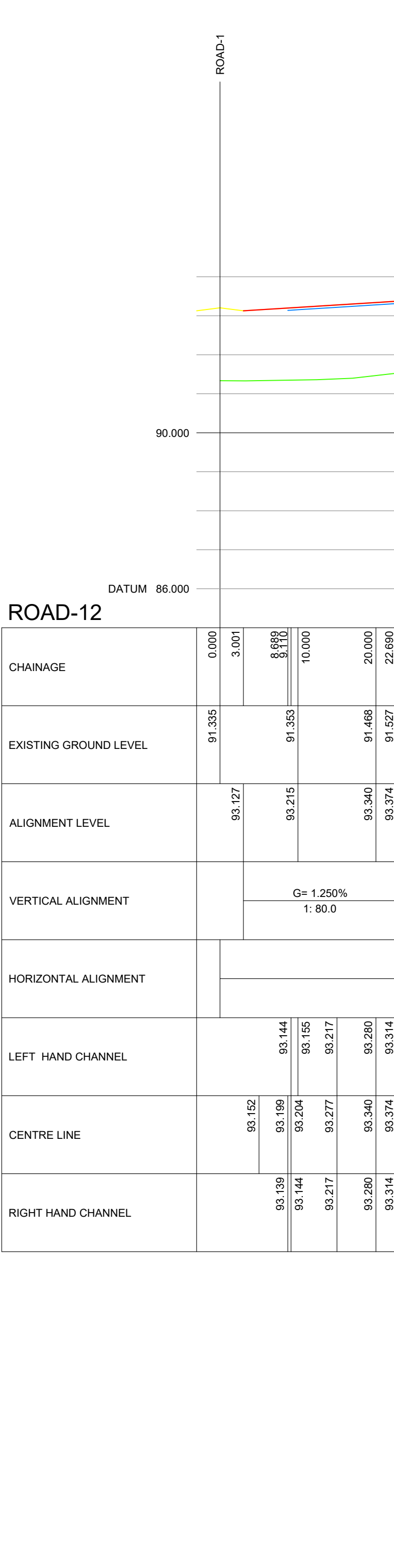
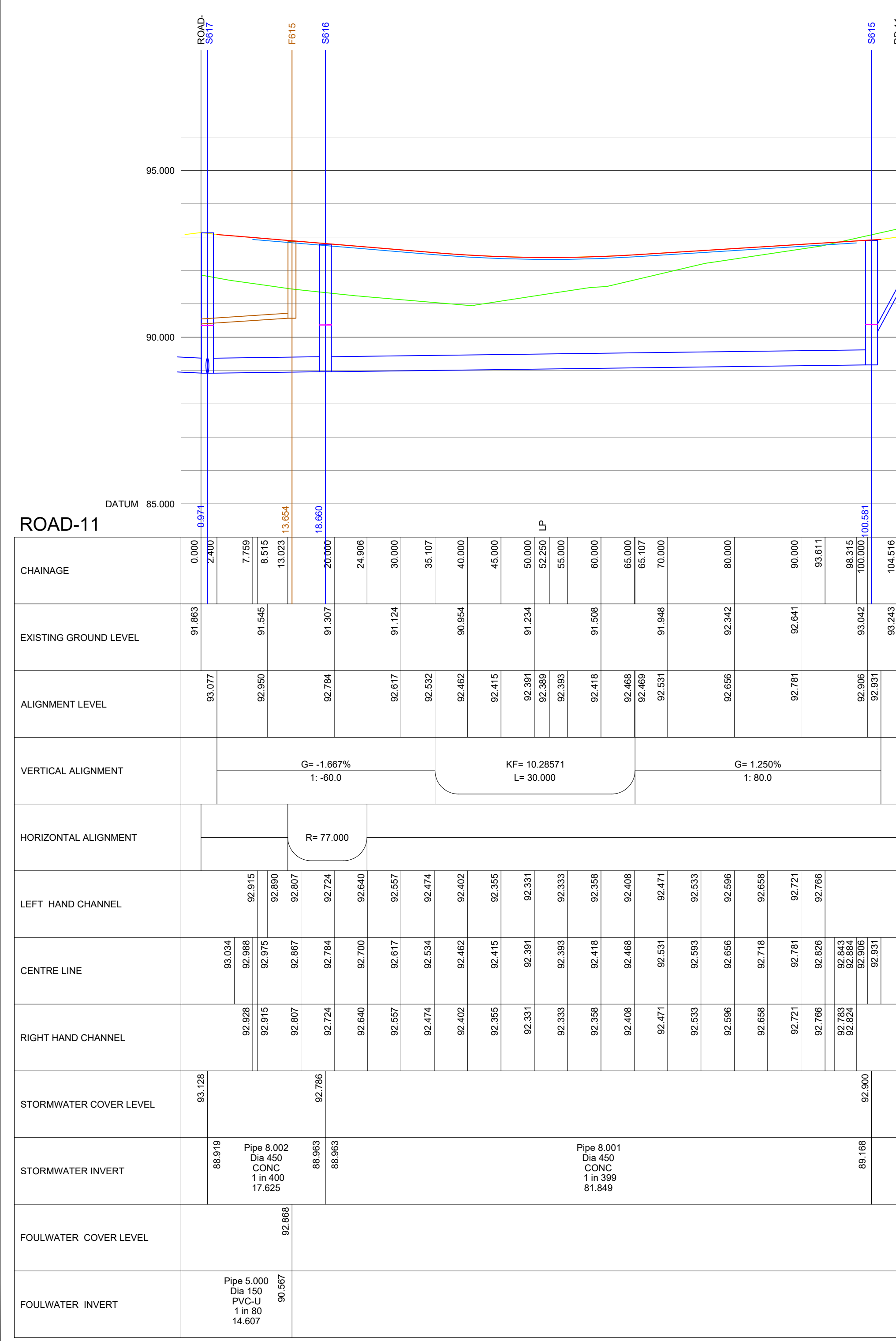
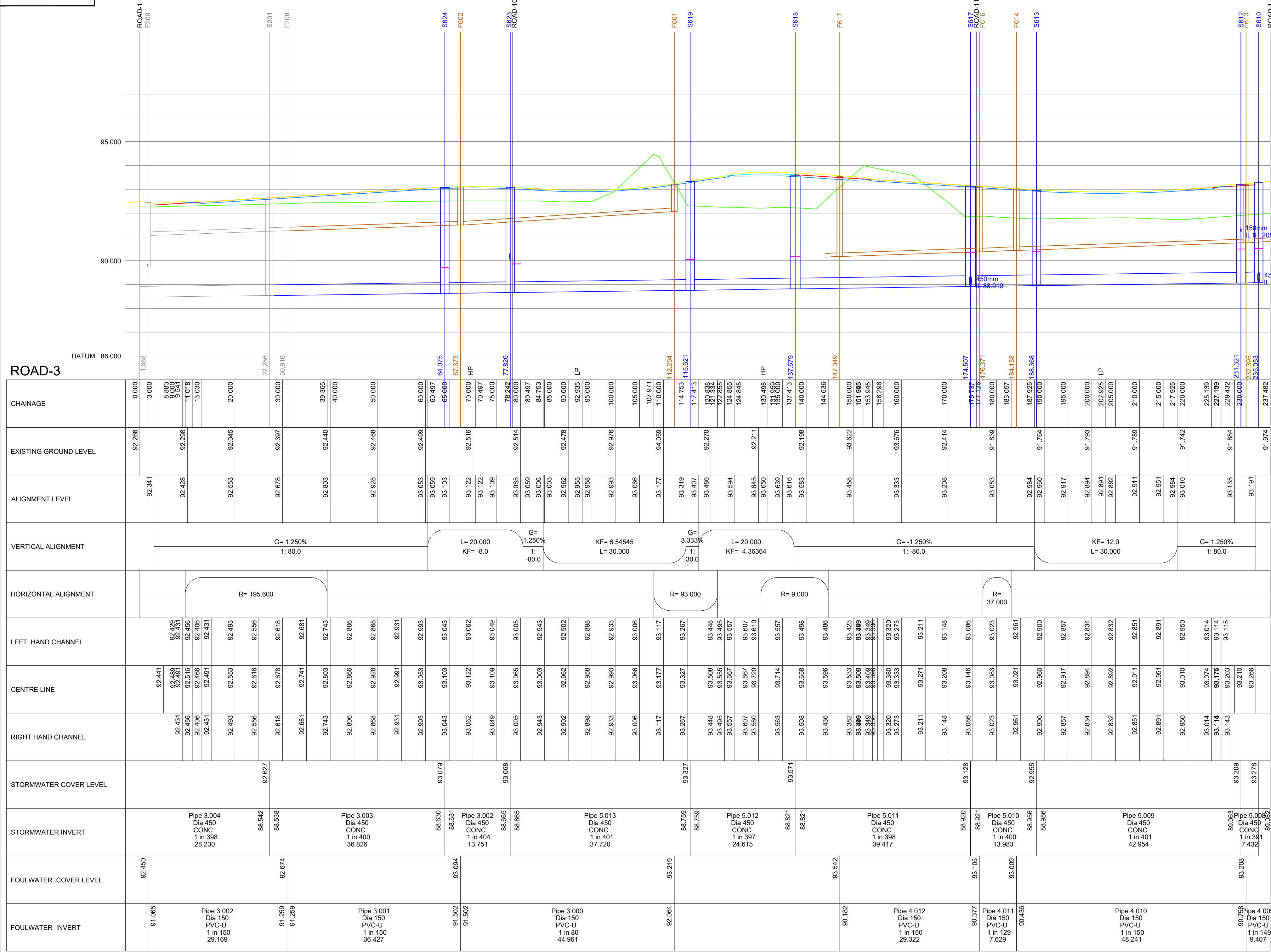


DO NOT SCALE



LEGEND

- Existing PGM
- Proposed Alignment
- 30 Year Top Water Level

- Notes
- Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
 - All sewers shall be constructed in accordance with Design and Construction Guidance for foul and surface water sewers offered for adoption under the code of adoption agreements and United Utilities Details & Guidelines.
 - The minimum gravity pipe diameter under adoptable highways shall be 150mm.
 - It is the responsibility of the Contractor to verify all information given with regards to existing services and drainage connections etc. prior to commencing the works. The rates shall include for hand dig around services where necessary. The Contractor shall adhere to the CDM Regulations at all times.
 - The outfalls of all sewers shall be a minimum of 1.0m from kerb lines and the outside of manholes shall be a minimum of 0.5m from kerb lines.
 - Existing flows in watercourses, sewers and land drains shall be maintained at all times.
 - Only trained personnel shall be permitted to enter confined spaces.
 - All materials to bear the relevant B.S. Kitemark and comply fully with the specifications. All concrete & concrete products must use Sulphate resistant cement to withstand Class 3 condition (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur).
 - All opening notices etc. as required under Highways Acts etc. are to be obtained prior to commencement of works. All works are to be inspected by L.A., NHBC or the Network Operator as applicable.
 - Where structured wall UPVC pipes (or similar approved) are used in adoptable drainage they shall be handled and laid in accordance with the manufacturers instructions and will be subject to post installation deformation testing prior to adoption. A Class S Bed and Surround must be used for such pipes.
 - Trench backfill in highways to within 1m of highway shall, as directed by the Highway Authority be a suitable granular material in all accordance with Sewers for Adoption.
 - Stab levels shall not be varied without reference to the Engineer for guidance.
 - Pipes have not been designed to accommodate construction traffic loading. The contractor is responsible for providing adequate protection to the pipes during construction.

Pipe Materials Table	
Pipe Materials Table	Pipe Materials Table
100	PVC-U
150	PVC-U
225	PVC-U
300	PVC-U
375	CONCRETE
450	CONCRETE
525	CONCRETE

Contractor may elect to use thermoplastics pipes. These shall comply with the relevant provisions of BS EN 1401-1, BS EN 1852 and BS EN 12666-1 and should be Welsh Water approved products

Bedding and Surround Table	
Depth to Soffit	Bedding and Surround Type
>1.2m	Class S
<1.2m	Class Z

Note:
Adoptable materials / workmanship to conform to Part E of "Sewers for Adoption" 7th Edition.

All connections are soffit to soffit

Design based on Layout:
Edgehill 6 - Master CAD 01.05.25.dwg
Received by Coopers on 07.05.25

Grid/Level datum based on Topo:
230720-EHP-SH-TOPO-001, Edgehill Park
Topographic Survey, dated 23.07.20
Rev. -

- Coopers Drawing List:
- 7503-P6 / 01 Proposed Drainage Layout
 - 7503-P6 / 02 Proposed Highway Setting Out
 - 7503-P6 / 03 Proposed Highway Layout
 - 7503-P6 / 04 Proposed Highway and Drainage Longsections
 - 7503-P6 / 05 Highway Construction Details
 - 7503-P6 / 06 S38 Agreement Plan
 - 7503-P6 / 07 External Works Layout
 - 7503-P6 / 08 Private Drainage Layout
 - 7503-P6 / 09 Drainage Construction Details
 - 7503-P6 / 10 Manhole Schedules
 - 7503-P6 / 11 Surface Water Manhole Details
 - 7503-P6 / 12 Foul Manhole Details
 - 7503-P6 / 13 Surface Water Catchment Areas
 - 7503-P6 / 14 Surface Water Attenuation Details
 - 7503-P6 / 15 Proposed Cut and Fill Earthworks
 - 7503-P6 / 16 Proposed Surface Finishes
 - 7503-P6 / 17 Lane Regularity Compliance Plan
 - 7503-P6 / 18 Flood Routing Plan

CONSTRUCTION

D	29.01.26	Legend added/30 Year levels added	JAR	JAR
C	16.10.25	F601A Added	JAR	JAR
B	08.10.25	Phase 6 levels reduced	JAR	JAR
A	30.07.25	Revision to client comments	JAR	JAR
Rev.	Date	Revision	By	Appd

coopers
chartered consulting engineers

Tel 01244 684810
Email admin@coopers.co.uk
Web: http://coopers.co.uk

Park House
Sandpiper Court
Chester Business Park
Chester
CH4 3JU

Client
Story HOMES

Project
EDGEHILL PARK, CUMBRIA, PHASE 6

Title
Proposed Highway Longsections Sheet 2 of 3

DRAWING NUMBER	7503-P6 / 04-2	SCALE at A0	1:500 H 1:100 V
DATE	27.05.25	REVISION	
DRAWN	PJ	CHECKED	D