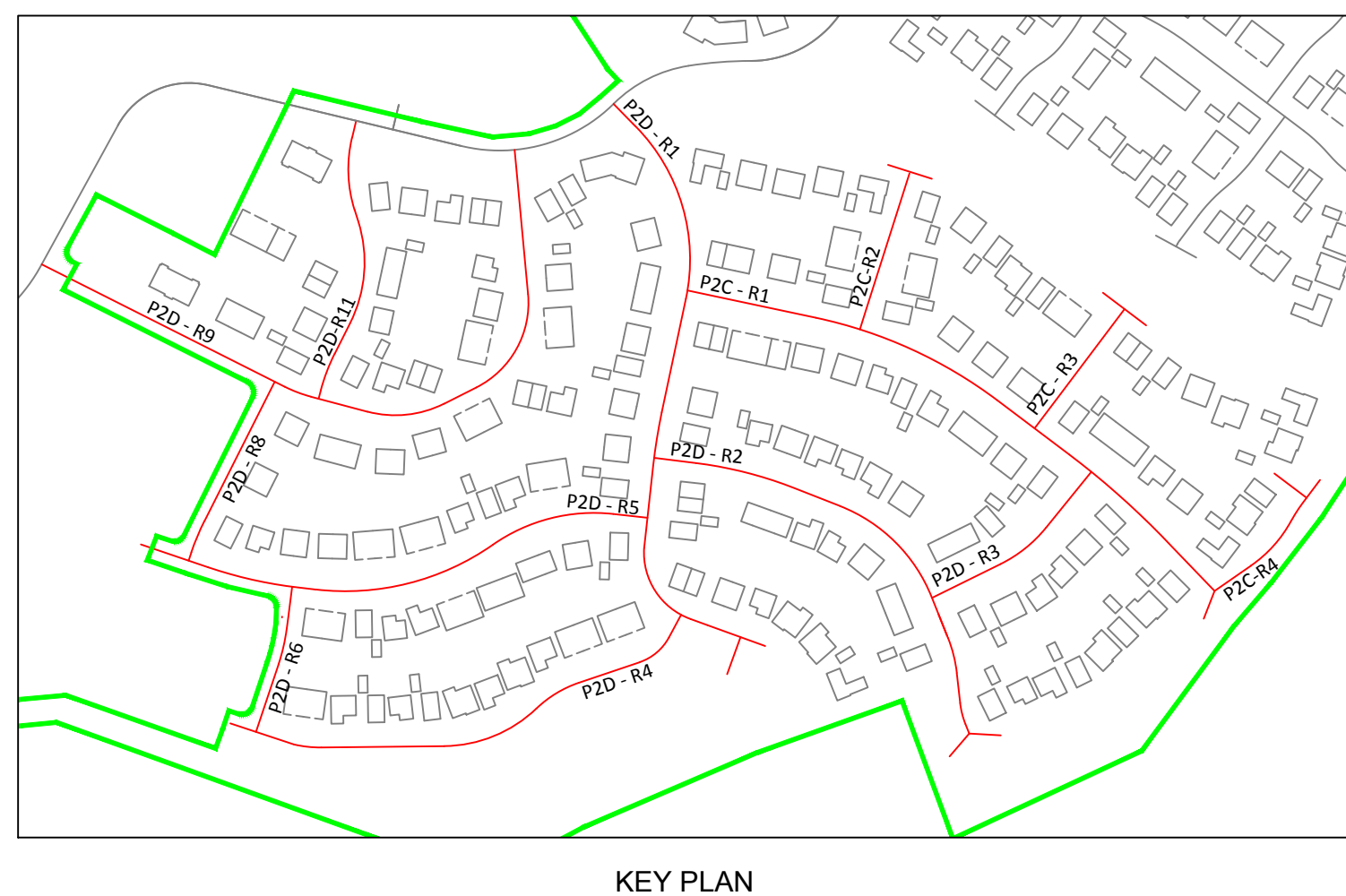
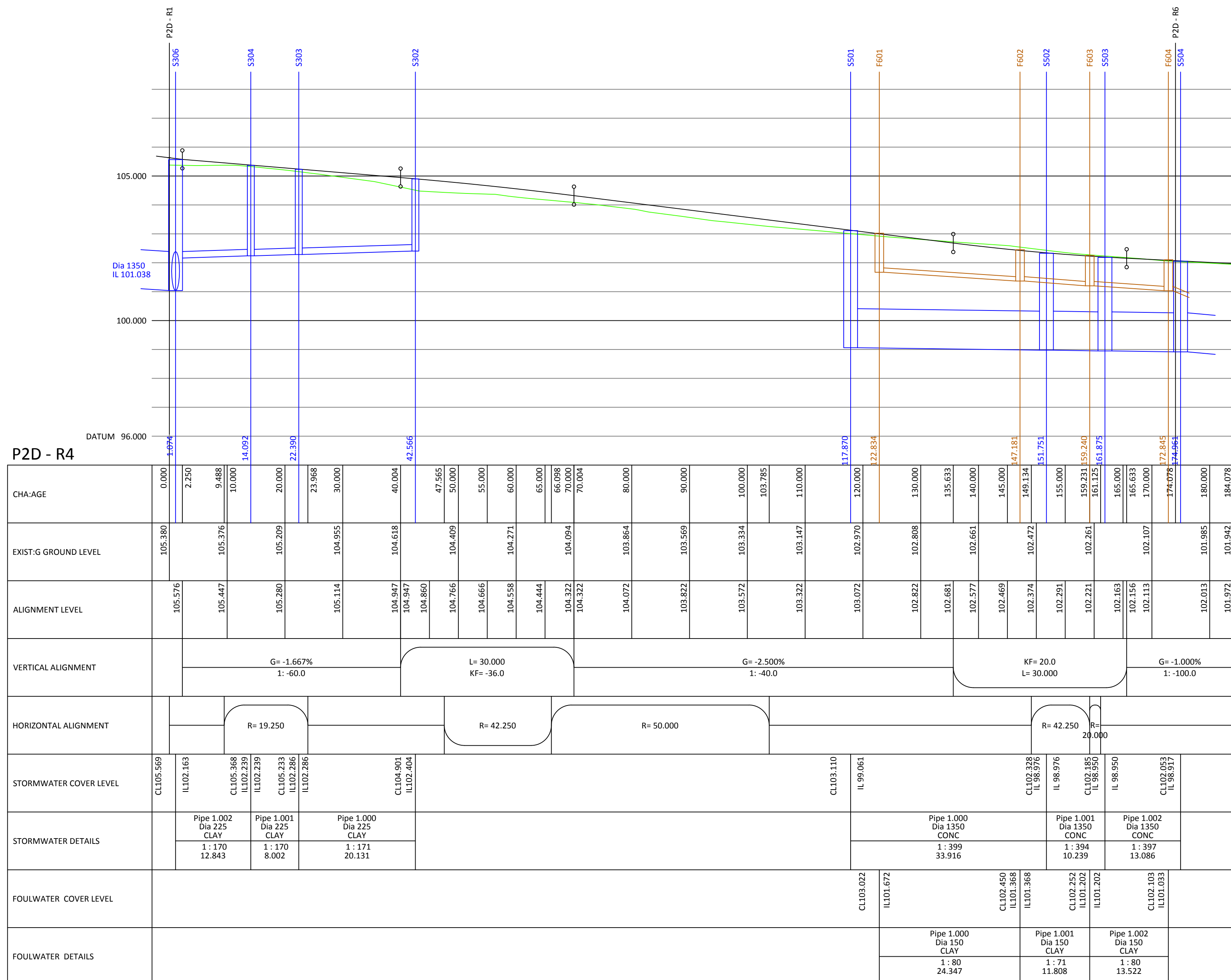
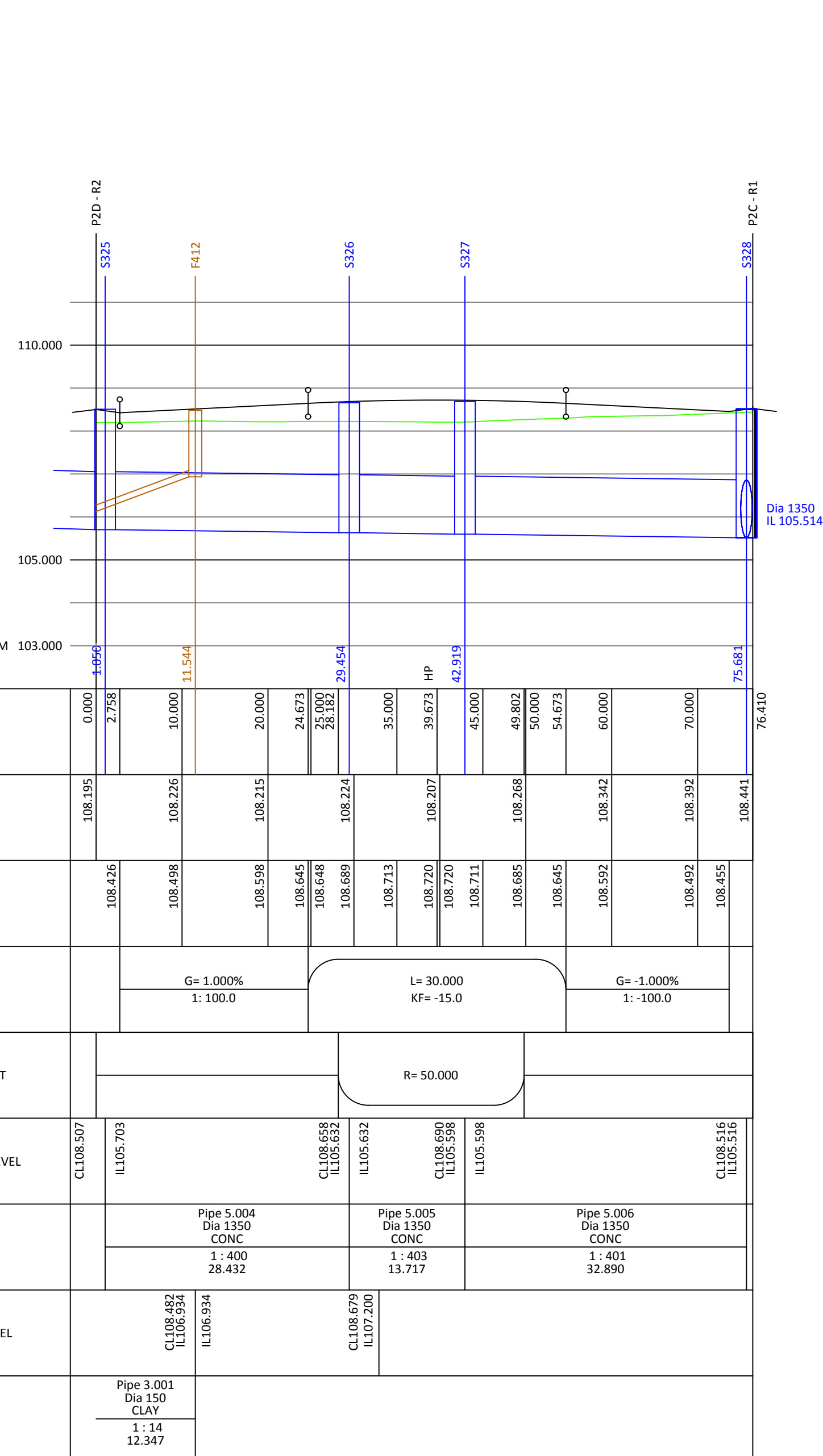
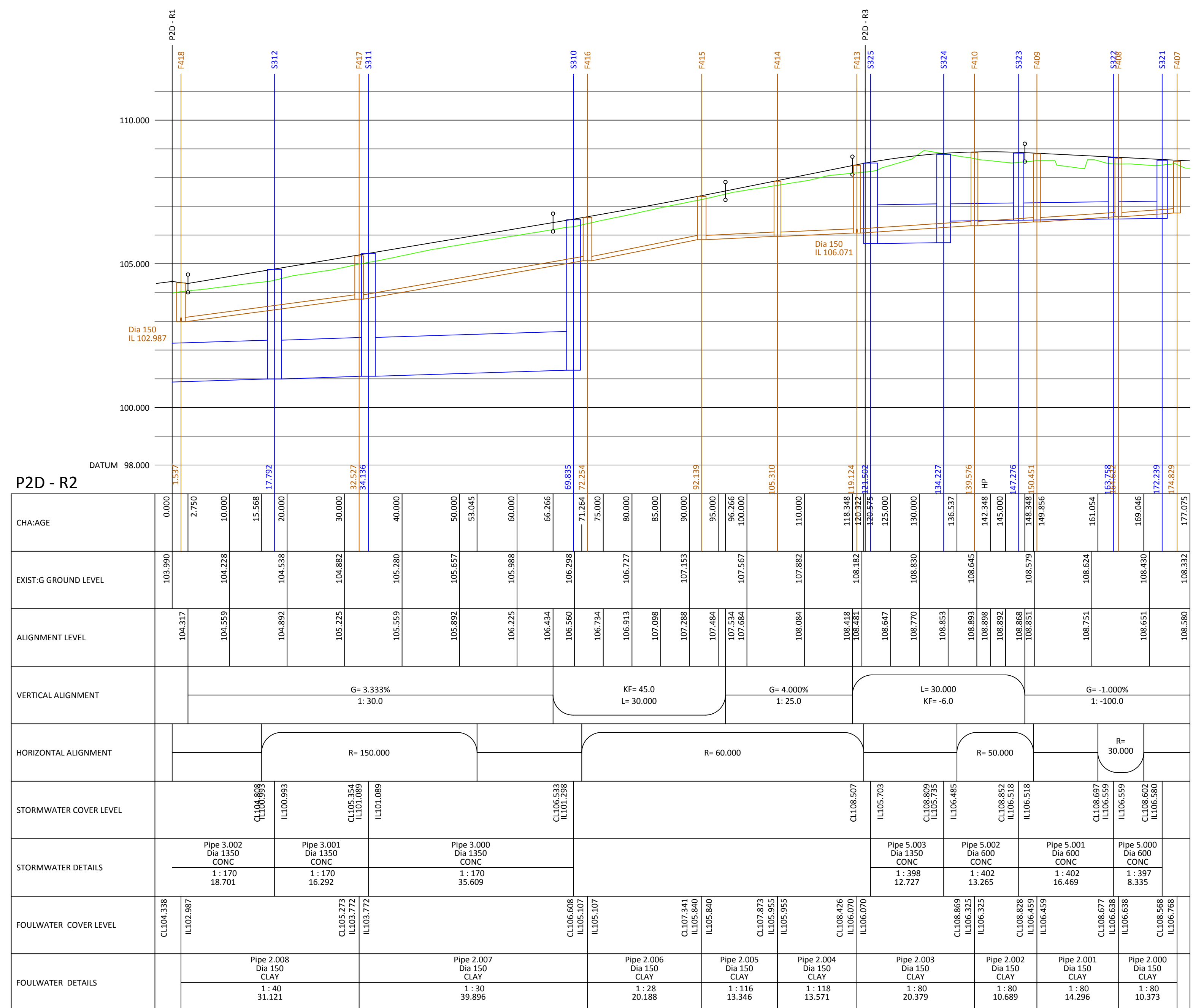
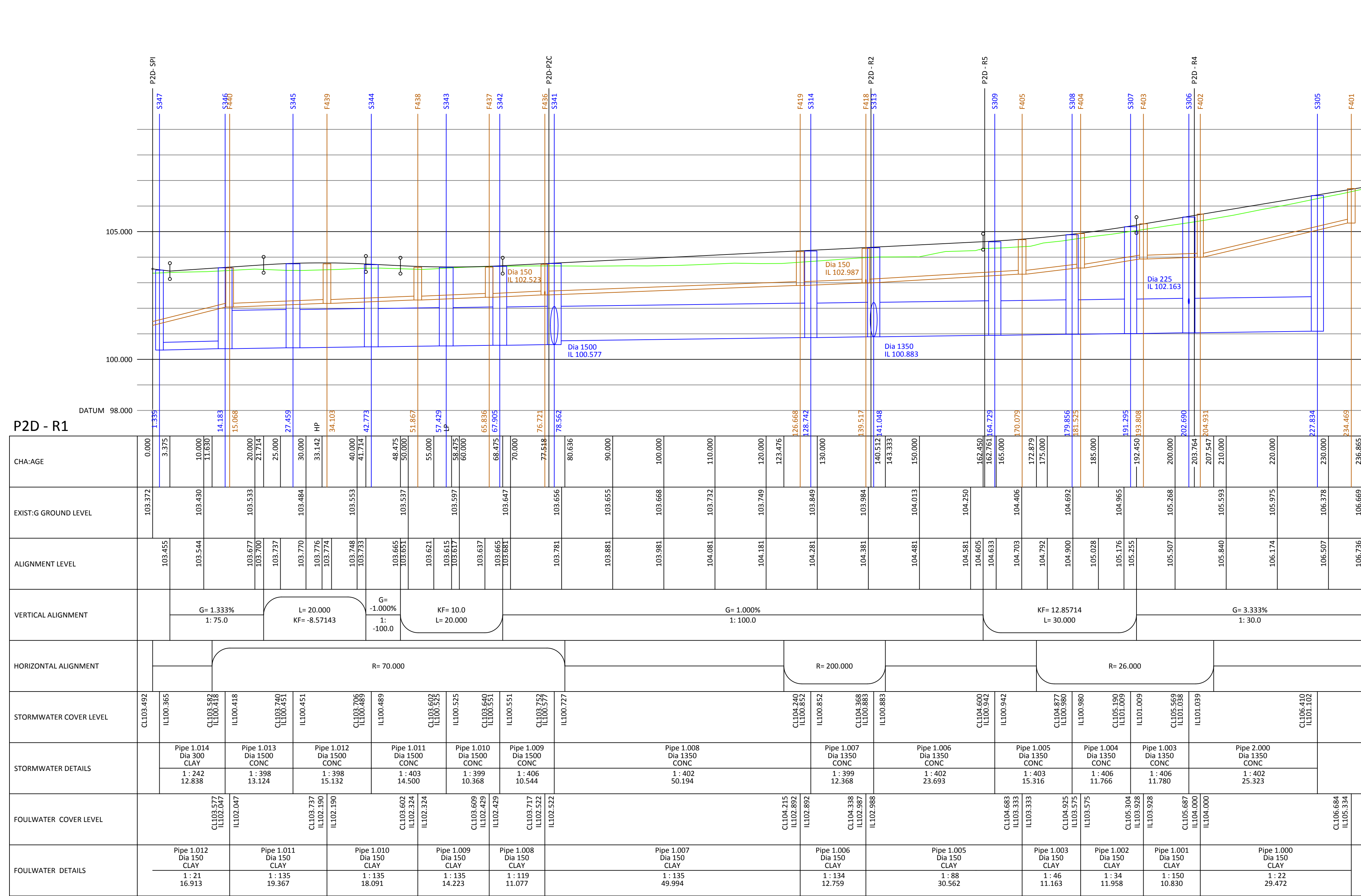


DO NOT SCALE



- ## Notes
1. Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
 2. All sewers shall be constructed in accordance with Sewers for Adoption 6th Edition and United Utilities Details & Guidelines.
 3. The minimum gravity pipe diameter under adoptable highways shall be 150mm
 4. 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 and removal of soils where necessary. The Contractor shall adhere to the CDM Regulations at all times
 5. The outside 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
 6. Existing flows in watercourses, sewers and land drains shall be maintained at all times
 7. Only trained personnel shall be permitted to enter confined spaces
 8. All materials to be the relevant BS. Kitemark and comply fully with the specifications. All concrete & concrete products must use Sustainable resistant cement to withstand Class 3 condition (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur).
 9. All opening notices etc. as required under Highways Acts. etc. are to be obtained prior to commencement of works. All works are to be undertaken by a NIRC or the Network Operator as applicable.
 10. Where "Ultra Rib" 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 testing prior to their adoption. A Class 3 Bed and Surround must be used for "Ultra Rib" pipes.
 11. Trench backfill in highways to within 1m of Highway side, as directed by the Highway Authority be a suitable granular material as in accordance with Sewers for Adoption.
 12. Slab levels should not be varied without reference to the Engineer for guidance.
 13. Pipes have not been designed to accommodate construction traffic loading. The contractor is responsible for providing adequate loading to the pipes during construction
 14. All works to be in accordance with Lancashire County Council's Specification and Standard Details, and as agreed with Lancashire County Council's representative.
 15. Manhole pipe connections to be offset to offset.

Class 'S' bed and surround to all pipes unless stated otherwise.
Class 'Z' bed and surround to pipes where cover $< 1.2\text{m}$ as indicated on longsections.

Coopers Drawing List:

- | | |
|--------------|--|
| 6263 P4 / 01 | Proposed Drainage Layout |
| 6263 P4 / 02 | Highway Highway Setting Out |
| 6263 P4 / 03 | Proposed Highway Layout |
| 6263 P4 / 04 | Proposed Highway Levels and Longsections |
| 6263 P4 / 05 | Highway Construction Details |
| 6263 P4 / 06 | External Works Layout |
| 6263 P4 / 07 | Private Drainage Layout |
| 6263 P4 / 08 | Drainage Construction Details |
| 6263 P4 / 09 | Surface Water Manhole Schedules |
| 6263 P4 / 10 | Four Manhole Schedules |
| 6263 P4 / 11 | Surface Water Manhole Details |
| 6263 P4 / 12 | Four Manhole Details |
| 6263 P4 / 13 | Flow Control Manhole Details |
| 6263 P4 / 14 | Drainage Longsections |
| 6263 P4 / 15 | Surface Water Catchment Areas |
| 6263 P4 / 16 | Sewer Easement Plan |
| 6263 P4 / 17 | S38 Agreement Plan |

APPROVAL

A	03.04.20	Issued for S38 and S104 Approval	PJN	AJ
Rev.		Revision	By	Appd.
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Client		Taylor Wimpey		
Project		STANDEN HALL CLITHEROE		
Title		PHASE 4 Highway Longsections Sheet 1 of 3		
DRAWING NUMBER		SCALE at A0		1:500 H 1:100 V
6263 P4 / 04-1		DATE		19.11.19
		DRAWN		PJN
		CHECKED		AJ
				A