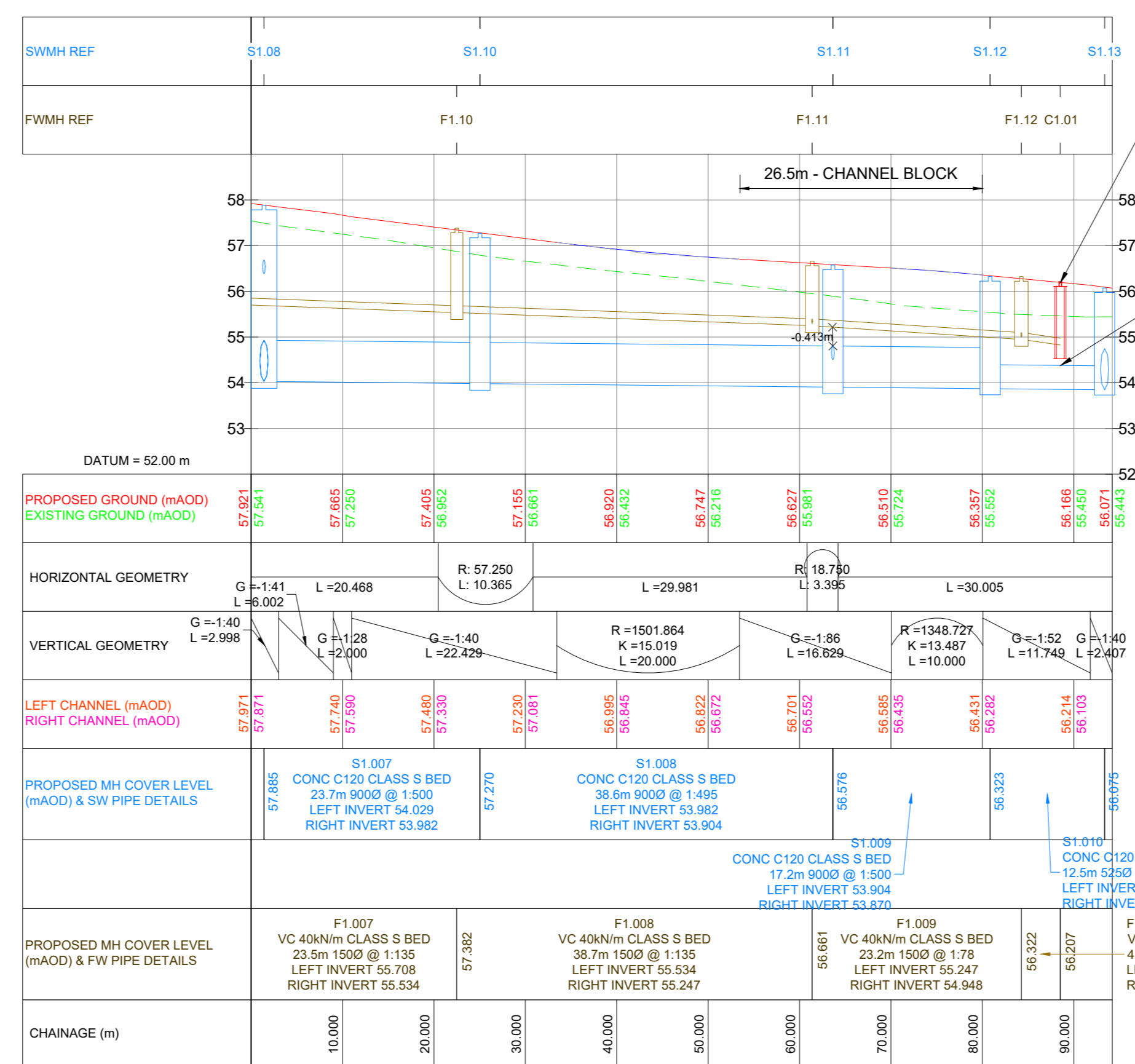
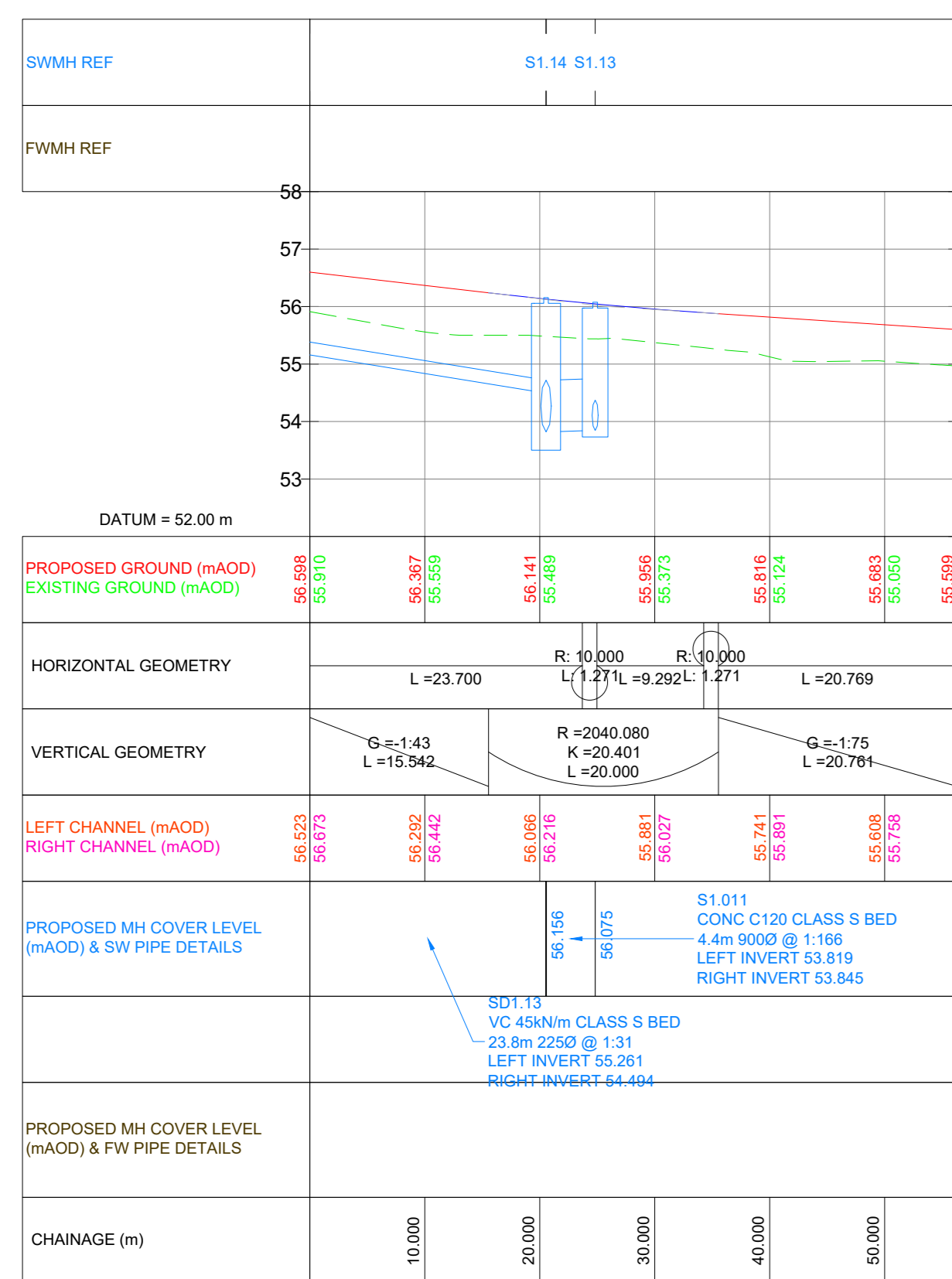


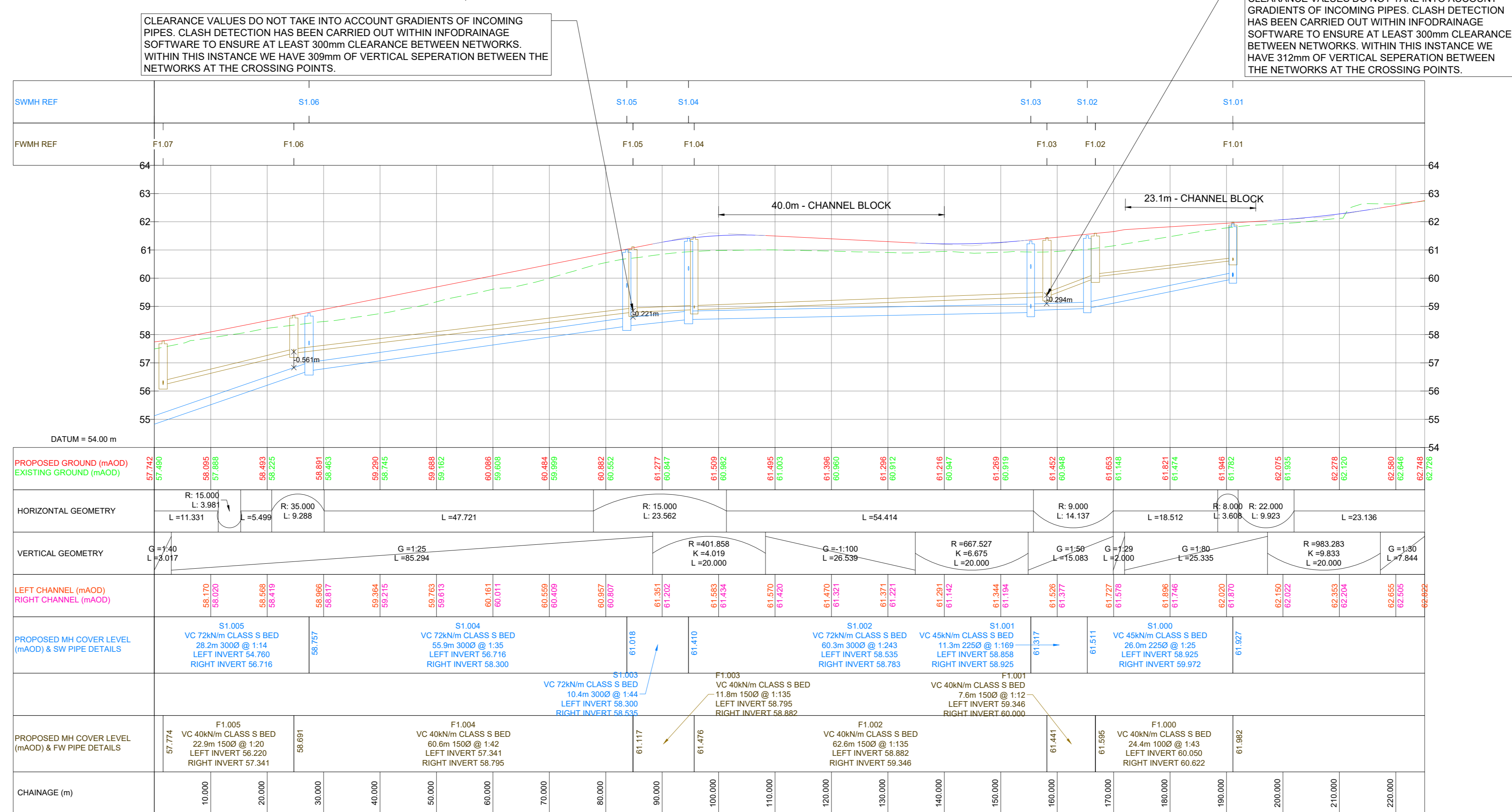
ROAD 01 - LONGSECTION
SCALE H:500, V:100



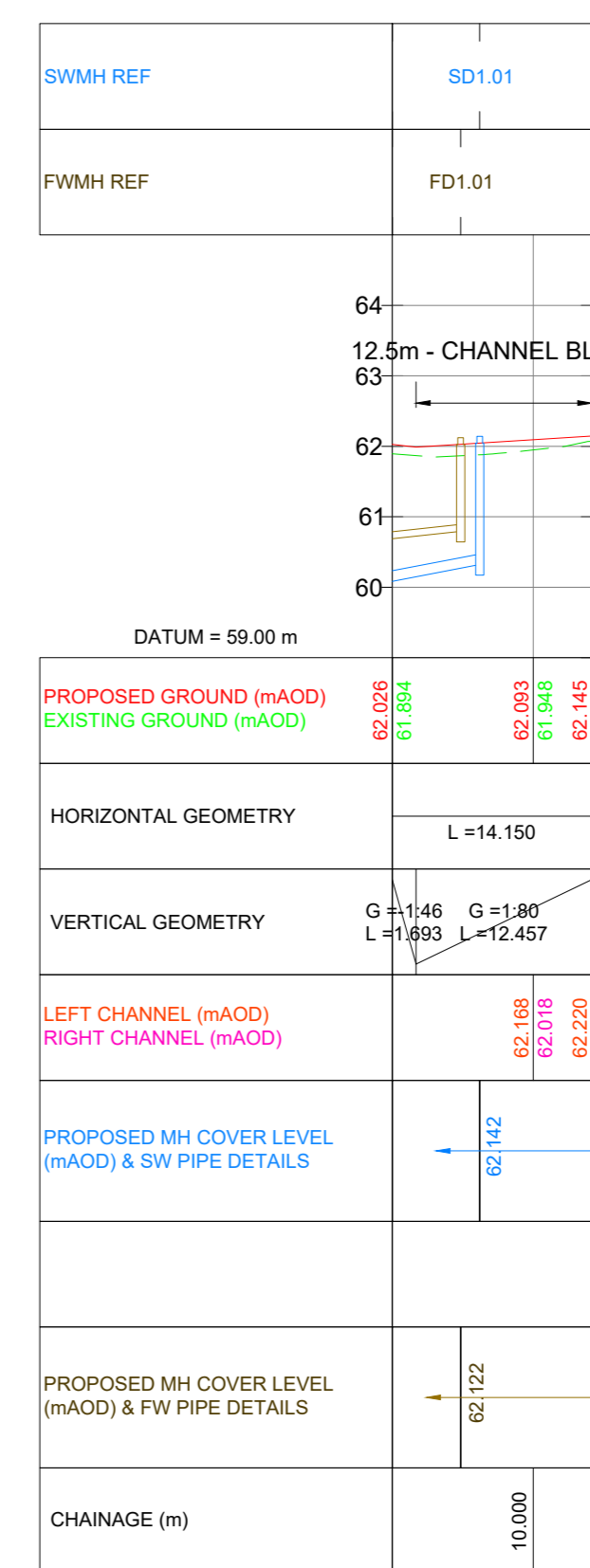
ROAD 02 - LONGSECTION
SCALE H:500, V:100



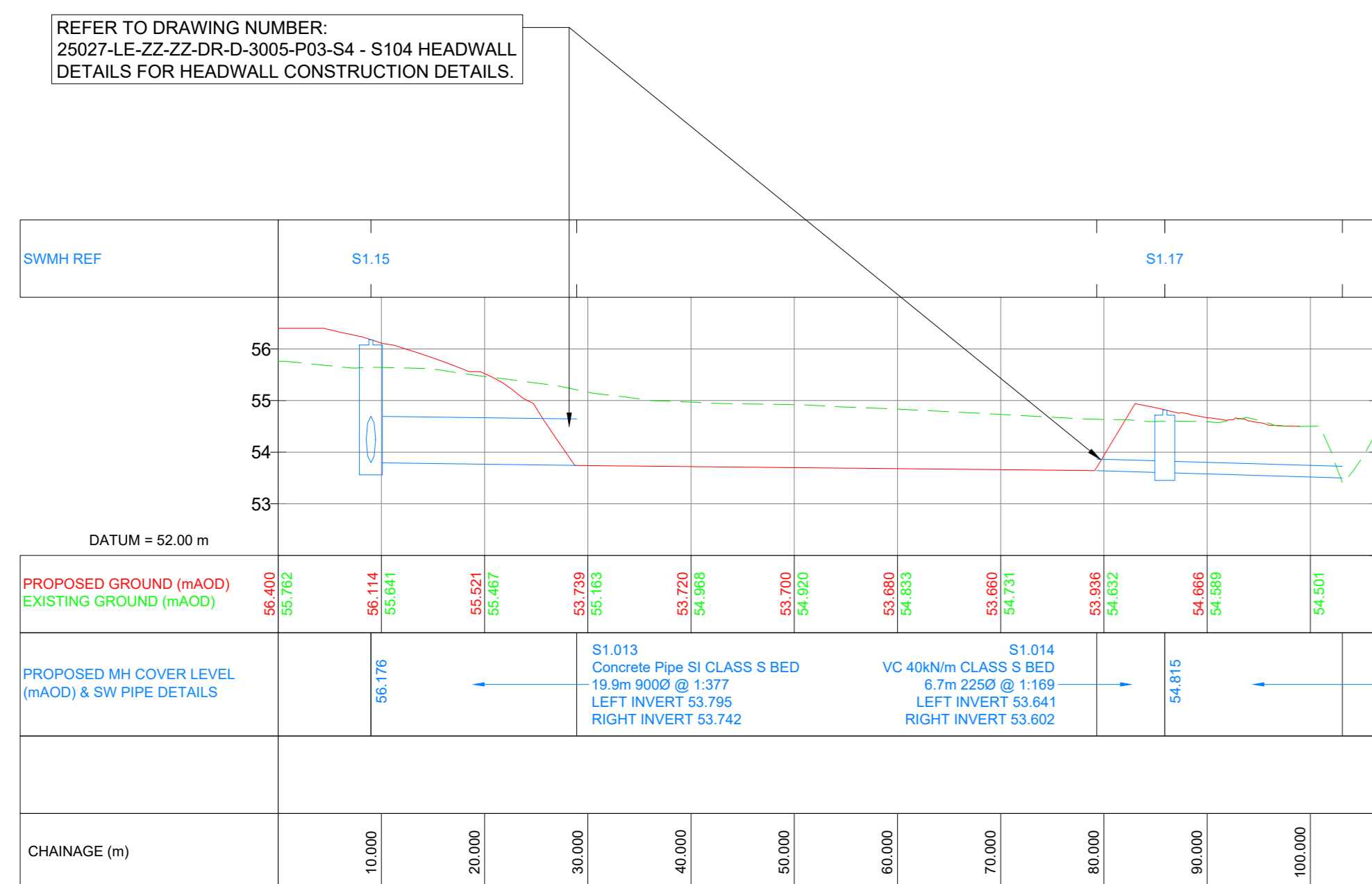
ROAD 02 TURNING HEAD - ALIGNMENT - LONGSECTION
SCALE H:500, V:100



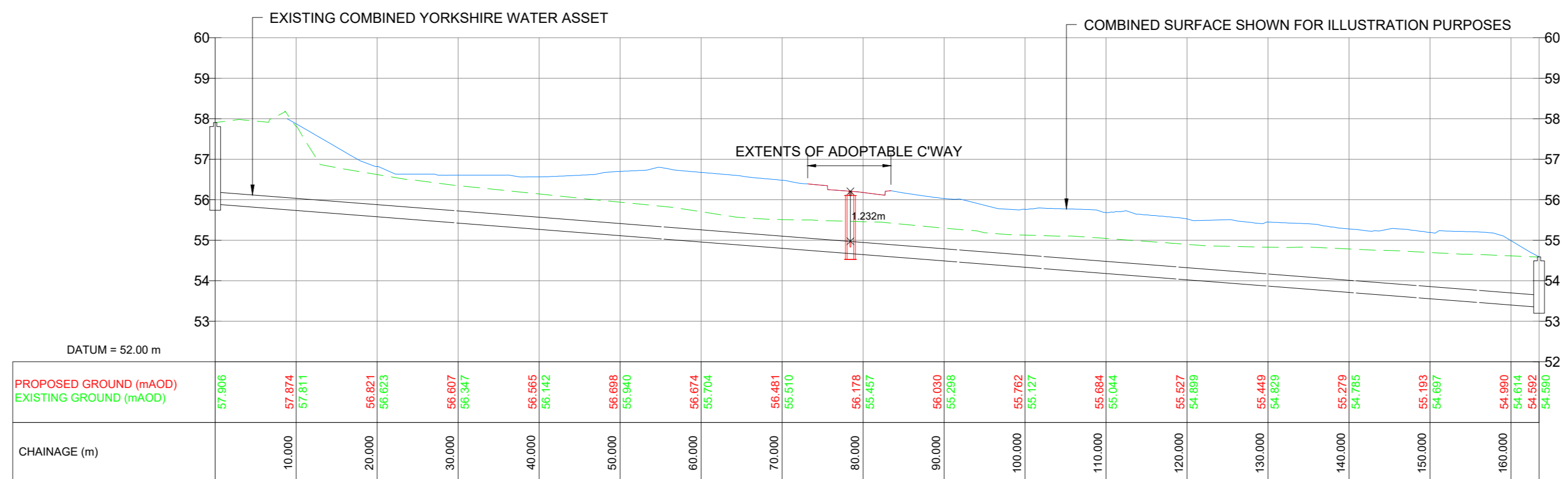
ROAD 03 - LONGSECTION
SCALE H:500, V:100



ROAD 03 TH - LONGSECTION
SCALE H:500, V:100



BASIN & SW OUTFALL - LONGSECTION
SCALE H:500, V:100



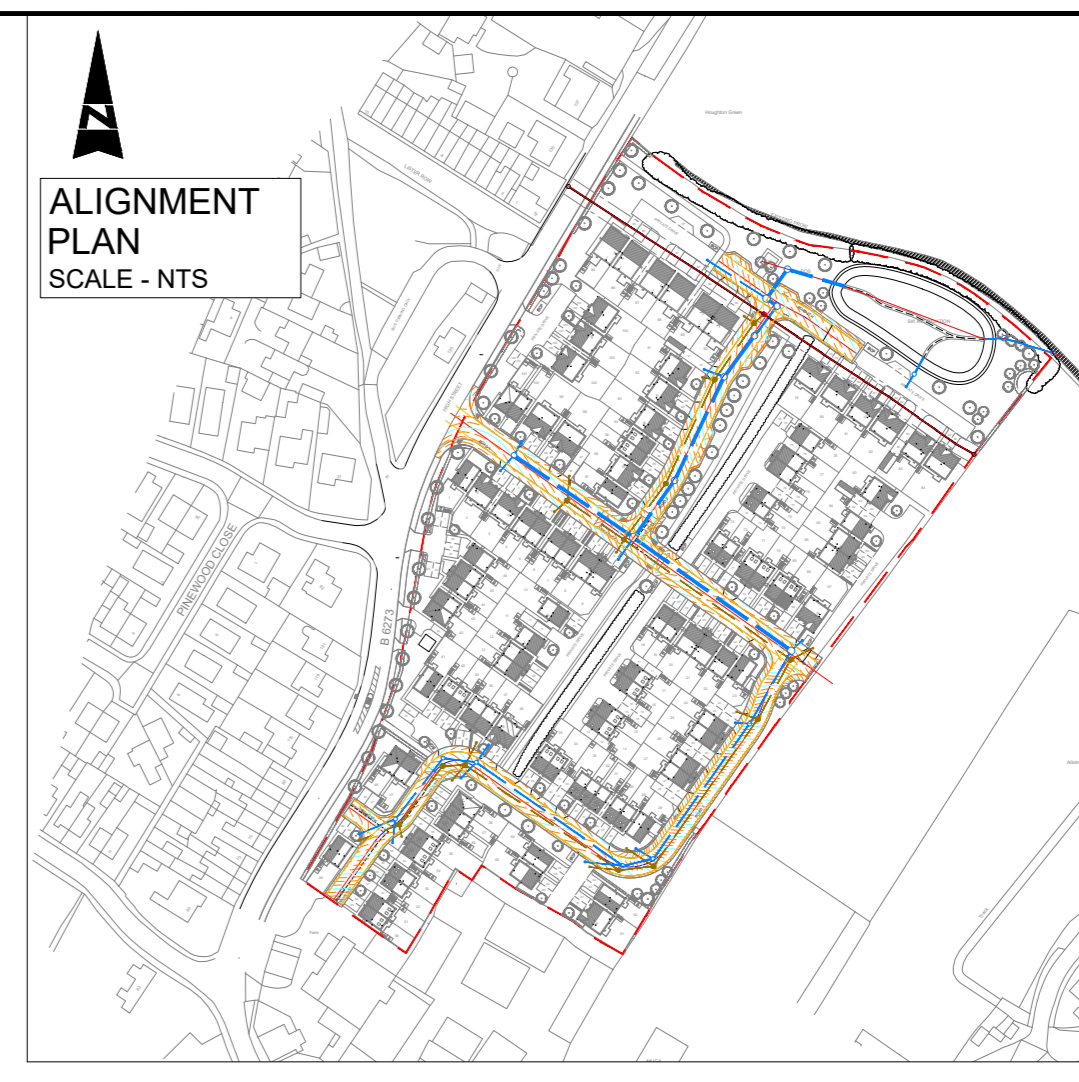
EXISTING YORKSHIRE WATER SEWER - LONGSECTION
SCALE H:500, V:100

COMBINED SEWER CONNECTION C1.01
PROPOSED Ø1350 CHAMBER TO BE BUILT ON THE EXISTING COMBINED YORKSHIRE WATER NETWORK.
EXISTING I.L. OF Ø300 PIPE - 54.67m
PROPOSED I.L. OF Ø150 PIPE - 54.825m

CONNECTION SUBJECT TO RELEVANT S106 APPROVAL

EXISTING SEWER LEVELS AND LOCATION ARE CURRENTLY UNCONFIRMED. FULL DRAINAGE SURVEY TO BE CARRIED OUT PRIOR TO CONSTRUCTION ISSUE.

PIPE S1.010 HAS BEEN DESIGNED AT Ø25 TO AVOID A DIRECT CLASH WITH THE EXISTING COMBINED SEWER. BASED ON UNCONFIRMED LEVELS WE CURRENTLY HAVE 200mm OF CLEARANCE FROM THE EXISTING PIPE INVERT LEVEL AND THE PROPOSED PIPE SOFT LEVEL. FOR THE PURPOSE OF SANITARY THE PROPOSED SURFACE WATER PIPE S1.010 SHOULD BE ENCASED IN CONCRETE WITHIN THE EASEMENT TO MITIGATE THE RISK OF FOUL WATER SEEPING INTO THE SURFACE WATER NETWORK.



- NOTES:**
1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
 3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
 4. LEVELS AT THE IN TO EXISTING ROAD CONSTRUCTION TO BE CONFIRMED. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER.
 5. ALL WORKS TO BE IN ACCORDANCE WITH THE LOCAL HIGHWAY AUTHORITY'S CONSTRUCTION GUIDE.
 6. THE WORKS WILL BE ADAPTED BY THE HIGHWAY AUTHORITY. THE DEVELOPER AND/OR PRINCIPAL CONTRACTOR MUST THEREFORE ENSURE THAT THE WHOLE WORKS COMPLY BOTH WITH THE SPECIFICATION AND THE DRAWINGS WHICH ARE SUBJECT TO INSPECTION AND APPROVAL BY THE RELEVANT AUTHORITY.
 7. WHERE REQUIRED BY THE LOCAL HIGHWAY AUTHORITY, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITY PRIOR TO COMMENCEMENT OF EACH STAGE OF THE WORK FOR THEIR REPRESENTATIVE TO CARRY OUT INSPECTION TO ENSURE COMPLIANCE WITH THEIR REQUIREMENTS AND APPROVED DETAILS. IF ANY SUCH REQUESTS OR INSTRUCTIONS CAUSE CONFLICT WITH THE SPECIFICATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
 8. ALL MATERIAL WITHIN 450mm OF THE FINISHED CARRIAGEWAY SURFACE SHALL BE NON-FROST SUSCEPTIBLE AS REQUIRED BY S.H.W. SERIES 800 CLAUSE 80.
 9. GENERALLY ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS - VOLUME 1 - SPECIFICATION FOR HIGHWAY WORKS (S.H.W).
 10. CLAUSES SHOWN ON THE DRAWING REFER TO CLAUSES IN THE UK GOVERNMENT'S MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS - VOLUME 1 - SPECIFICATION FOR HIGHWAY WORKS.
 11. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING UP TO DATE SERVICE INFORMATION AND SHALL TAKE ALL NECESSARY MEASURES TO IDENTIFY AND LOCATE EXISTING UNDERGROUND SERVICES INCLUDING ANY PRIVATE SUPPLIES. AND IMPLEMENT APPROPRIATE CONTROL MEASURES BEFORE UNDERTAKING ANY EXCAVATIONS.
 12. SAFE DIGGING PRACTICES MUST BE USED WHEN ESTABLISHING THE ACTUAL POSITION OF MAINS PIPES, SERVICES AND OTHER APPARATUS ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
 13. CBS TO BE TAKEN ON ROAD FORMATION. AT 20m INTERVALS USING 600mm DIAMETER PLATE. RESULTS OF WHICH ALONG WITH A LOCATION PLAN IS TO BE PRESENTED TO BMBC ENGINEER TO REVIEW.
 14. ANY TREES WITHIN 3.66m OF THE PROSPECTIVELY ADOPTABLE HIGHWAY WILL REQUIRE A ROOT BARRIER - SEE CONSTRUCTION ENGINEER TO REVIEW.
 15. COTV OF HIGHWAY DRAINAGE TO BE PROVIDED TO BMBC FOR REVIEW PRIOR TO A PART 1 CERTIFICATE AND PRIOR TO FINAL SURFACING.

THIS INFORMATION ON THIS DRAWING IS FOR APPROVAL PURPOSES ONLY. NO CONSTRUCTION WORKS ARE TO BE UNDERTAKEN UNTIL WRITTEN APPROVAL IS RECEIVED FROM LOCAL HIGHWAYS AUTHORITY.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING REFERENCE 25027:

SECTION 38

0001-0002 - SECTION 38 - AGREEMENT PLAN
0003-0004 - SECTION 38 - SURFACING PLAN
0005-0006 - SECTION 38 - KERBING PLAN
0007-0008 - SECTION 38 - PROPOSED LEVELS PLAN
0009-0010 - SECTION 38 - VEHICLE TRACKING
0011 - SECTION 38 - HIGHWAYS CONSTRUCTION DETAILS
0013-0014 - SECTION 38 - GULLY AREAS PLAN
0015 - SECTION 38/104 - HIGHWAY DRAINAGE LONG SECTIONS
0017-0018 - SECTION 38 - ROAD MARKINGS AND TRAFFIC SIGNS

KEY:

- EXISTING GROUND
- PROPOSED GROUND
- SURFACE WATER PIPE
- FOUL WATER PIPE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK SET OUT IN THIS DRAWING, NOTE THE FOLLOWING ADDITIONAL RISKS:

Rev	Description	By	Date	CHK'd	Auth
S4	FOR APPROVAL		06.02.26	CK	
S4	FOR APPROVAL		08.01.26	CK	
S4	FOR APPROVAL		06.11.25	CK	
S4	FOR APPROVAL		14.10.25	CK	
S4	FOR APPROVAL		11.08.25	CK	
S4	FOR APPROVAL		21.07.25	RSL	
S4	FOR APPROVAL		30.06.25	RSL	
P07	Purpose of Issue				
P07	UPDATED FOLLOWING LA COMMENTS	WO	06.02.26	CK	CK
P06	UPDATED FOLLOWING LA COMMENTS	WO	08.01.26	CK	CK
P05	UPDATED LAYOUT	WO	06.11.25	CK	CK
P04	UPDATED LAYOUT	WO	14.10.25	CK	CK
P03	UPDATED FOLLOWING IANL REVIEW	TH	11.08.25	CK	CK
P02	AMENDED NETWORK TO SUIT PD	TH	21.07.25	CK	RSL
P01	FIRST ISSUE	WO	30.06.25	CK	RSL

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AVANT homes

GREAT HOUGHTON
BARNSELY

Project

SECTION 38/104 - HIGHWAY & DRAINAGE
LONG SECTIONS

Sheet No	Original Scale	Design/Drawn	Checked	Authorised
Status	Drawing Number	WO	CK	RSL
A0	1:500			
S4	25027-LE-ZZ-DR-D-0015			
		30.06.25	30.06.25	30.06.25