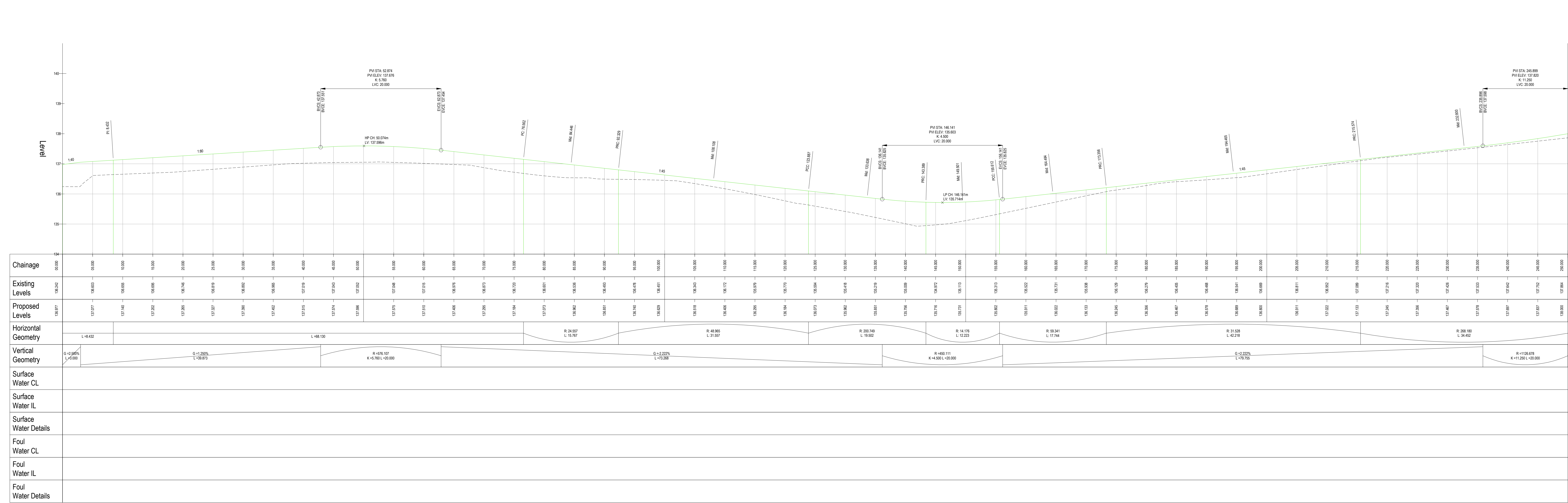
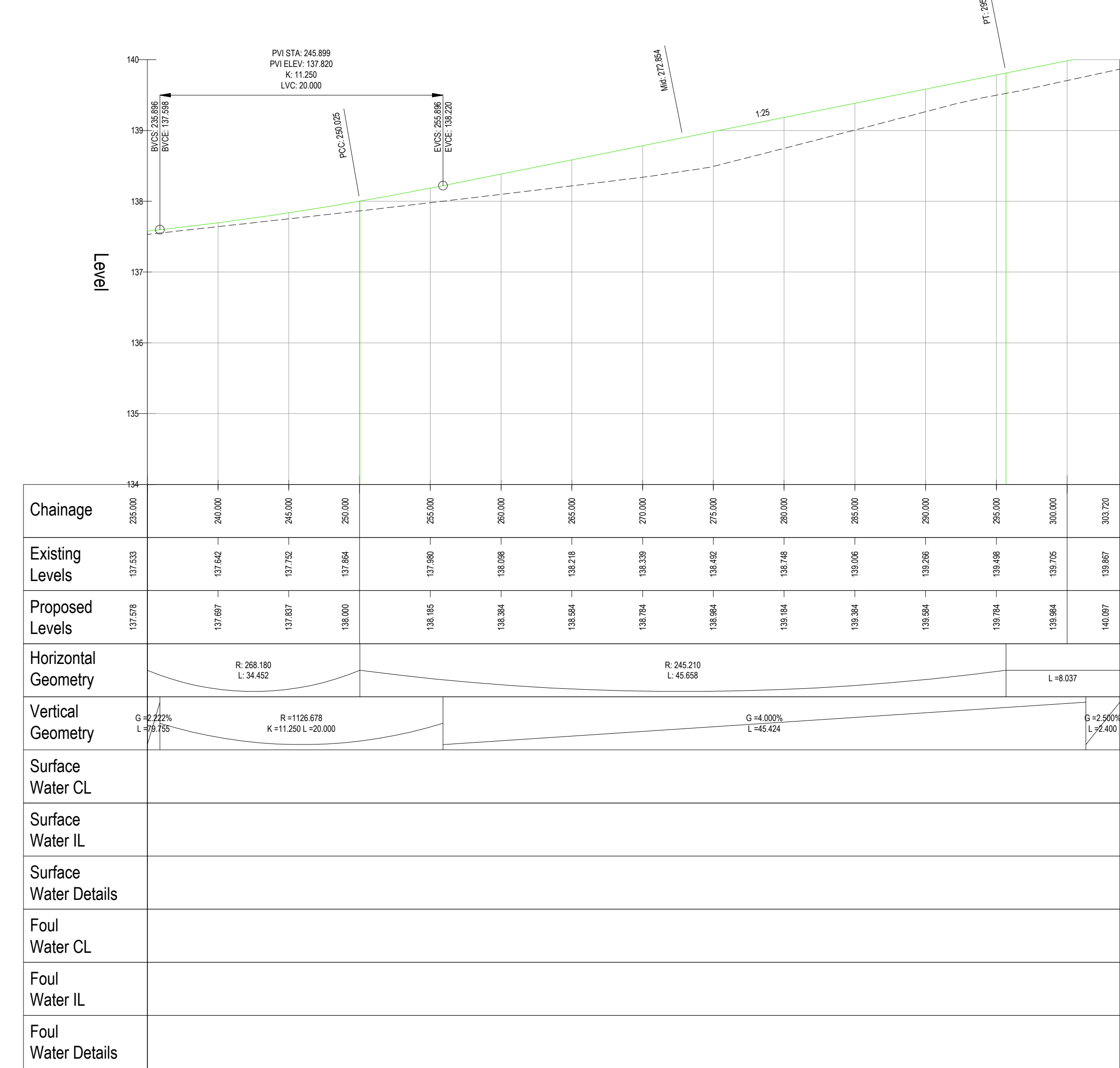
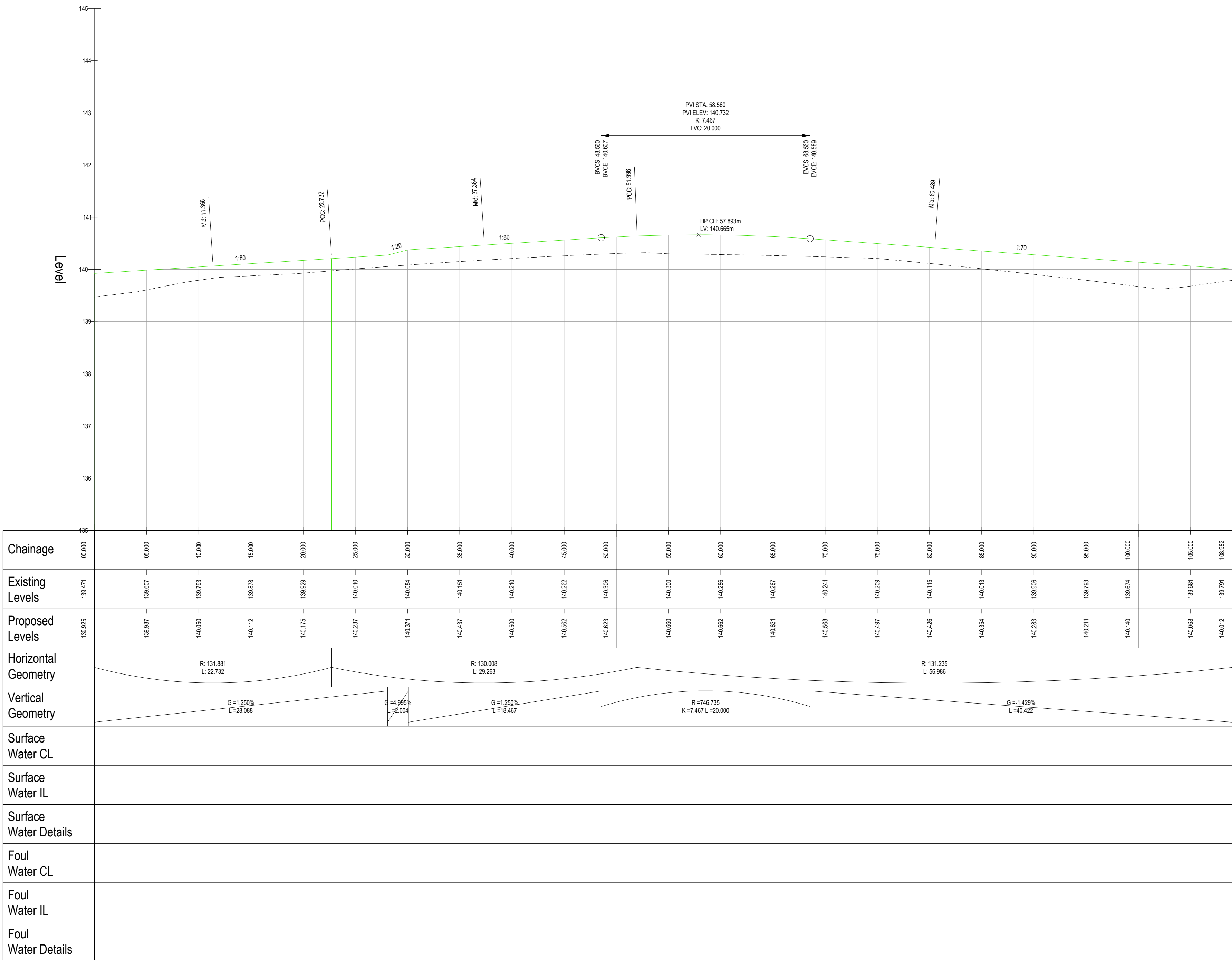




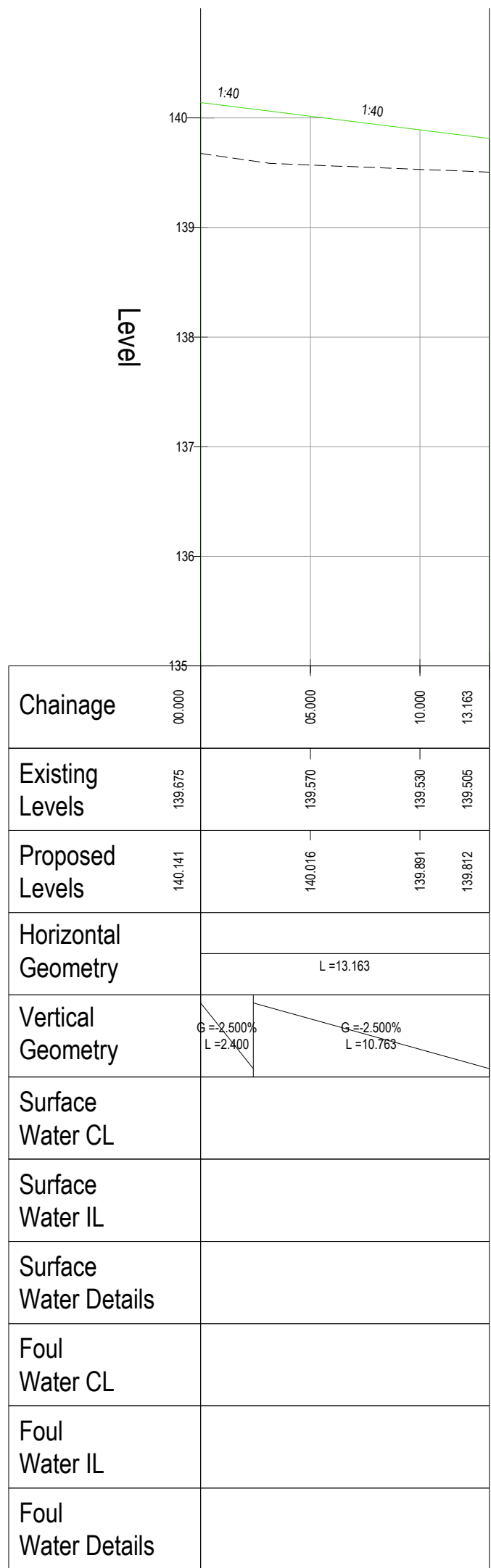
ROAD 15 - LONGSECTION CH 0-250
SCALE: H 1:250, V 1:50. DATUM: 134.000



ROAD 15 - LONGSECTION CH 235-ROAD END
SCALE: H 1:250, V 1:50. DATUM: 134.000



ROAD 17 - LONGSECTION
SCALE: H 1:250, V 1:50. DATUM: 135.000



ROAD 17 TH - LONGSECTION
SCALE: H 1:250, V 1:50. DATUM: 135.000

DESIGN NOTES

- IN ACCORDANCE WITH THE CONSTRUCTION DESIGN & MANAGEMENT REGULATIONS 2005, IT IS THE POLICY OF THIS PRACTICE TO DESIGN OUT AS MANY IDENTIFIABLE RISKS AS POSSIBLE FOR THE CONSTRUCTION, OPERATION AND MAINTENANCE OF THE PROJECT.
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PRELIMINARY CONSTRUCTION INFORMATION WHICH IS DEFINED IN THE CONSTRUCTION DESIGN & MANAGEMENT REGULATIONS 2005.
- A COMPETENT CONTRACTOR SHOULD BE AWARE OF NORMAL RISKS INVOLVED WITH THE CONSTRUCTION PROCESS, HOWEVER ADDITIONAL PRECAUTIONS WILL NEED TO BE CONSIDERED FOR THE FOLLOWING ITEMS:
 - NONE IDENTIFIED.
 - SAFE METHODS AND SYSTEMS OF WORK REMAIN THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE IDENTIFIED IN THE CONSTRUCTION PHASE PLAN. THE CONSTRUCTION PHASE PLAN MUST BE IN PLACE PRIOR TO THE START OF ANY MOBILISATION OR SITE WORKS.
 - RESIDUAL RISKS THAT HAVE BEEN IDENTIFIED AND CANNOT BE 'DESIGNED OUT' ARE AS FOLLOWS:
 - NONE IDENTIFIED.
 - IF ANY PARTY USING THIS DRAWING CONSIDERS THAT THERE ARE 'ABNORMAL' RISKS THAT HAVE NOT BEEN IDENTIFIED ABOVE, THEN THE ENGINEER SHOULD BE NOTIFIED.
- ADDITIONAL HEALTH & SAFETY NOTES**
 - CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE THE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.
 - CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE.
 - THE TIME THAT BACK EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE SURROUNDING BY A BARRIER.
 - CONTRACTOR TO MAKE OPERATING BARRIERS OF ASSOCIATED DANGERS TO BE MADE BY APPROVED CONTRACTOR ONLY.
 - CONTRACTOR TO MAKE OPERATING BARRIERS OF ASSOCIATED DANGERS TO BE MADE BY APPROVED CONTRACTOR ONLY.
 - LEPTOPROPOSED (WELLS) DELETED AND RECOMMENDED PRECAUTIONS, ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
 - UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH BARRIERS.
- Pipes & Cables**
 - CONTRACTOR TO OBTAIN ALL SERVICE RECORDS PRIOR TO WORKING COMMENCING.
 - SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED WITH CAUTION AND SERVICES TO BE LOCATED BY HAND DIGS AND PROTECTED ACCORDINGLY.
- EXCAVATION/FILL**
 - CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORK.
 - CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM WORKING PLANT WHERE NECESSARY.
 - CONTRACTOR TO REFER TO GEOTECHNICAL INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.

