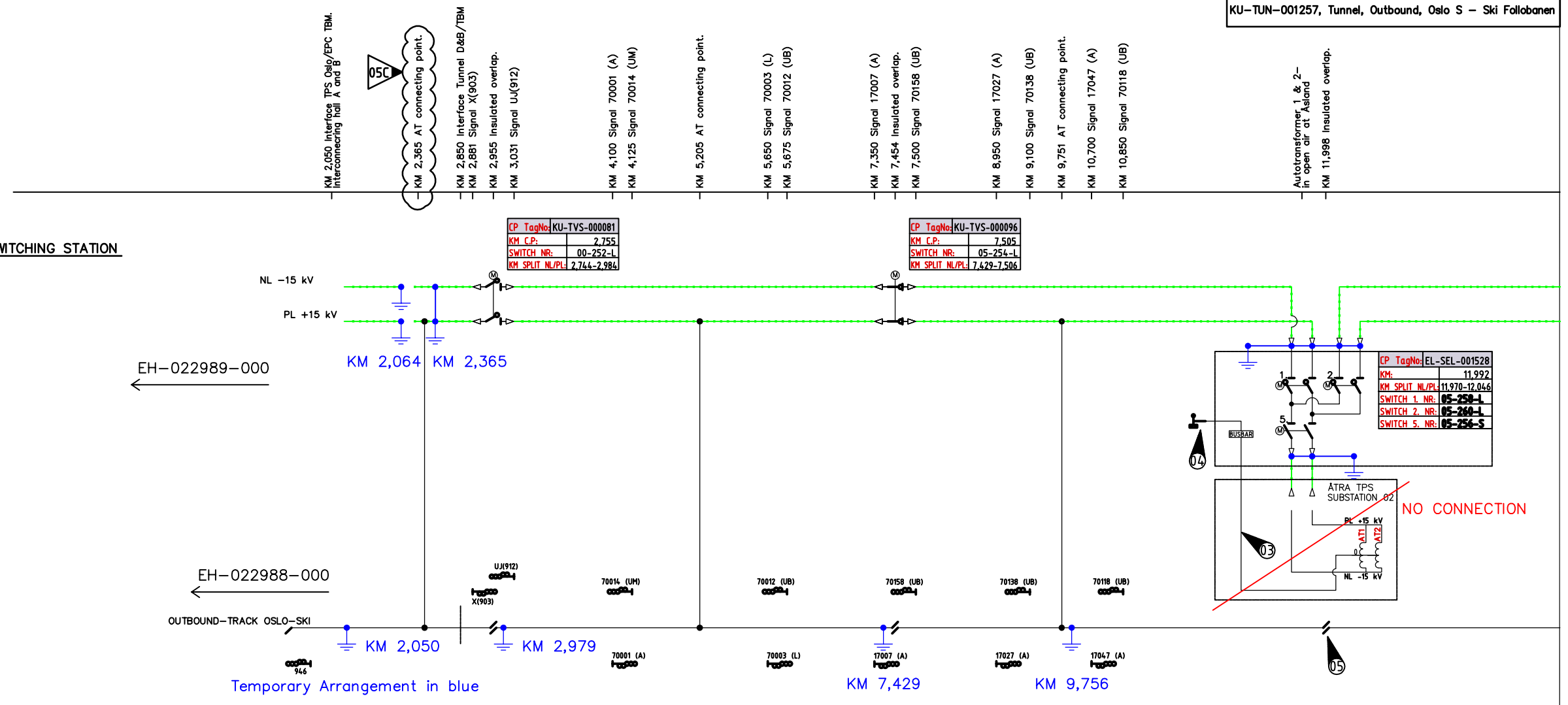
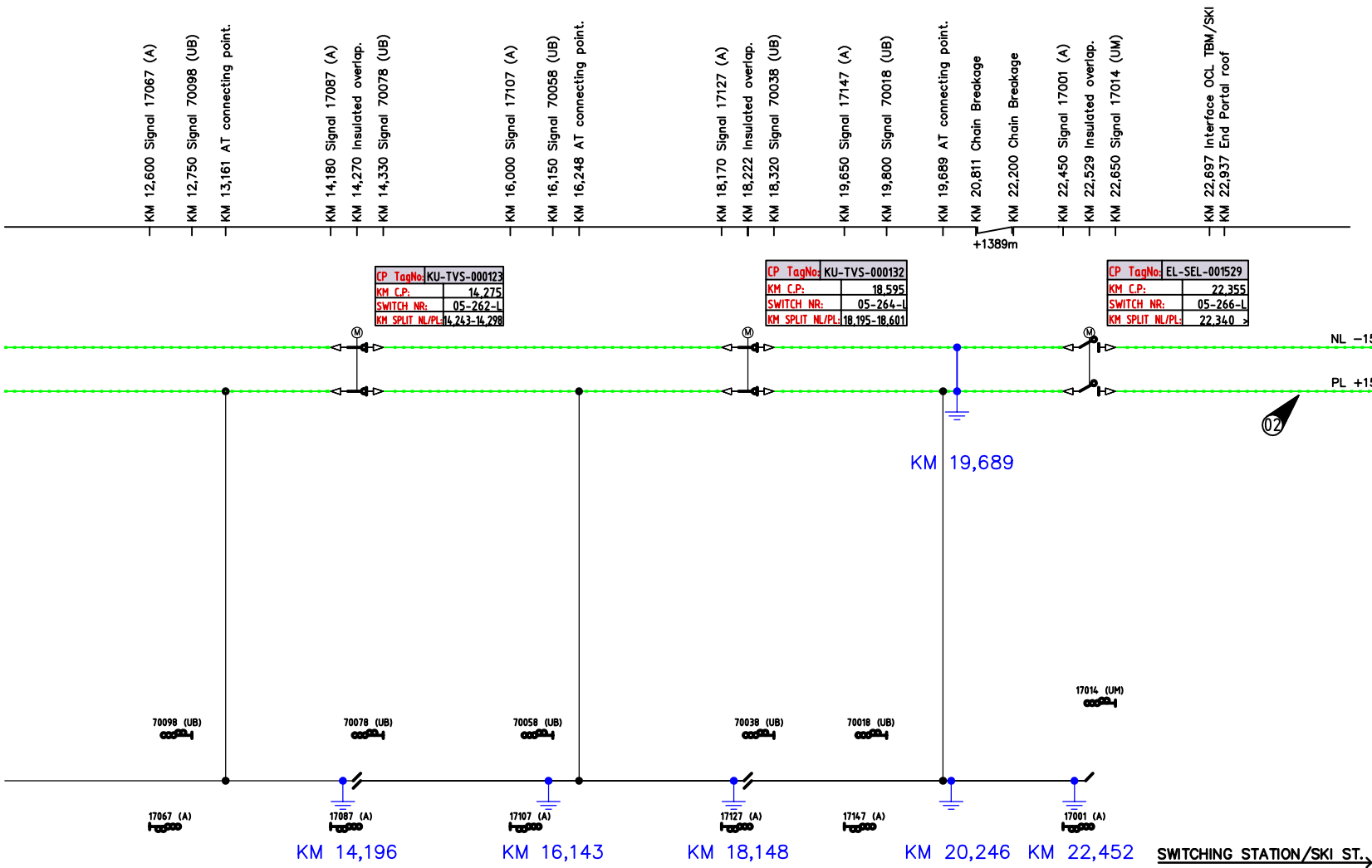


OSLO S/SWITCHING STATION



- REMARKS:**
- Auto transformers is located in open air by Asland.
 - All switch arrangement are placed in High-voltage room in Cross Passages or Technical buildings.
 - Positive and Negative feeders as uninsulated conductors in the tunnel arc.
 - Surge arresters mounted before entering the tunnel.
 - Short circuit indicator on all overhead contact line sections.
 - All km for Outbound refers to chainage for Outbound track.
 - Divisions and interfaces for the work-areas have not been decided.
 - Name of the switches at Oslo and Ski substations are not EPC TBM's responsibility, and are not valid.
- 01 Coupling point in Oslo S Interconnecting hall A. Interface TPS: EPC Oslo S/TBM.
 02 High voltage cables for NL and PL, 2 X 400 mm² in cable ducts.
 03 Return conductor 4 x 240/61 mm² connected to busbar. For details: EK.800230-000
 04 Connections to running rail with Cu 95 mm².
 05 The insulated overlap is not relocated with the optical signals.
 06 EPC Oslo S/D&B responsibility.



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