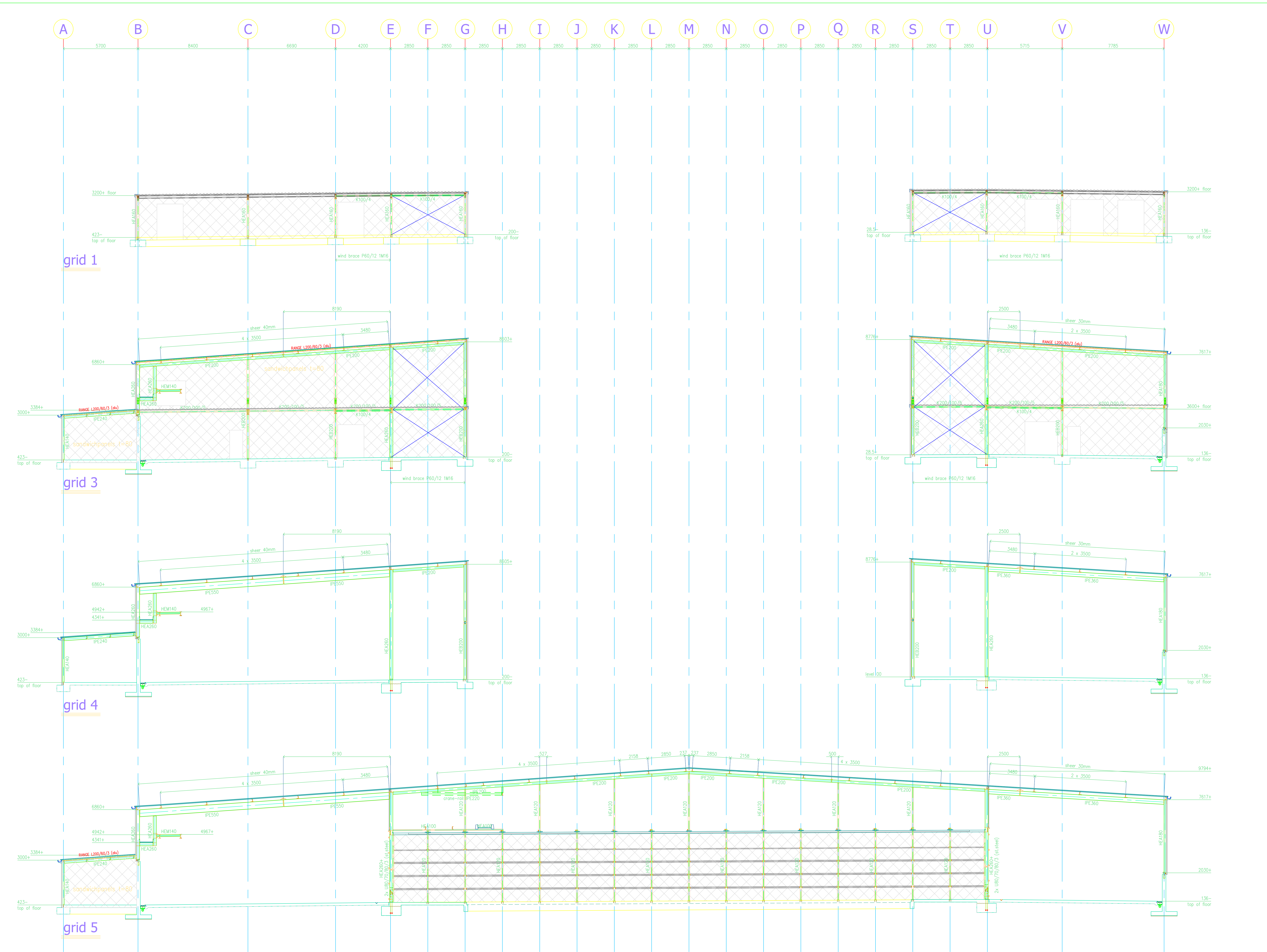




- Basics calculation structure**
 - Calculated according to dutch standards (Eurocode)
 - Snowload 40 kg/m².
- SANDWICHPANELS and ROOFING SHEETS**
 - sandwichpanels of ceiling take part of wind loads.
 - sandwichpanels provide stability.
 - insulated roofing sheets & steel roofing sheets take care of stability in roof.
 - insulated roofing sheets & steel roofing sheets fastened according to supplier/manufacturer.

Standards for steelconstructions (general):			
Steel quality:	NEW EN 10025 S235JR	unless stated otherwise	
Steel quality bolts:	8.8	unless stated otherwise	
Steel quality anchor:	4.6	unless stated otherwise	
Welded joint:	See static calculations	unless stated otherwise	
For design loads of steel structure: see calculation.			
Engineering details for account of steel structure supplier. (unless stated otherwise)			

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PROJECT:	11 Tunnels - Phase 2/3 in Pawłowiczki, Poland	status	Definitive
DATE:	04-07-2019	date	
MODIFICATION:		modification	
STRUCTURAL ENGINEER:	E. Betem	structural engineer	E. Betem
SCALE:	1:100	scale	
SIZE:	A0	size	
PROJECT NO.:	M19-323	project no.	
DRAWING NO.:	3.8	drawing no.	

Client:

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