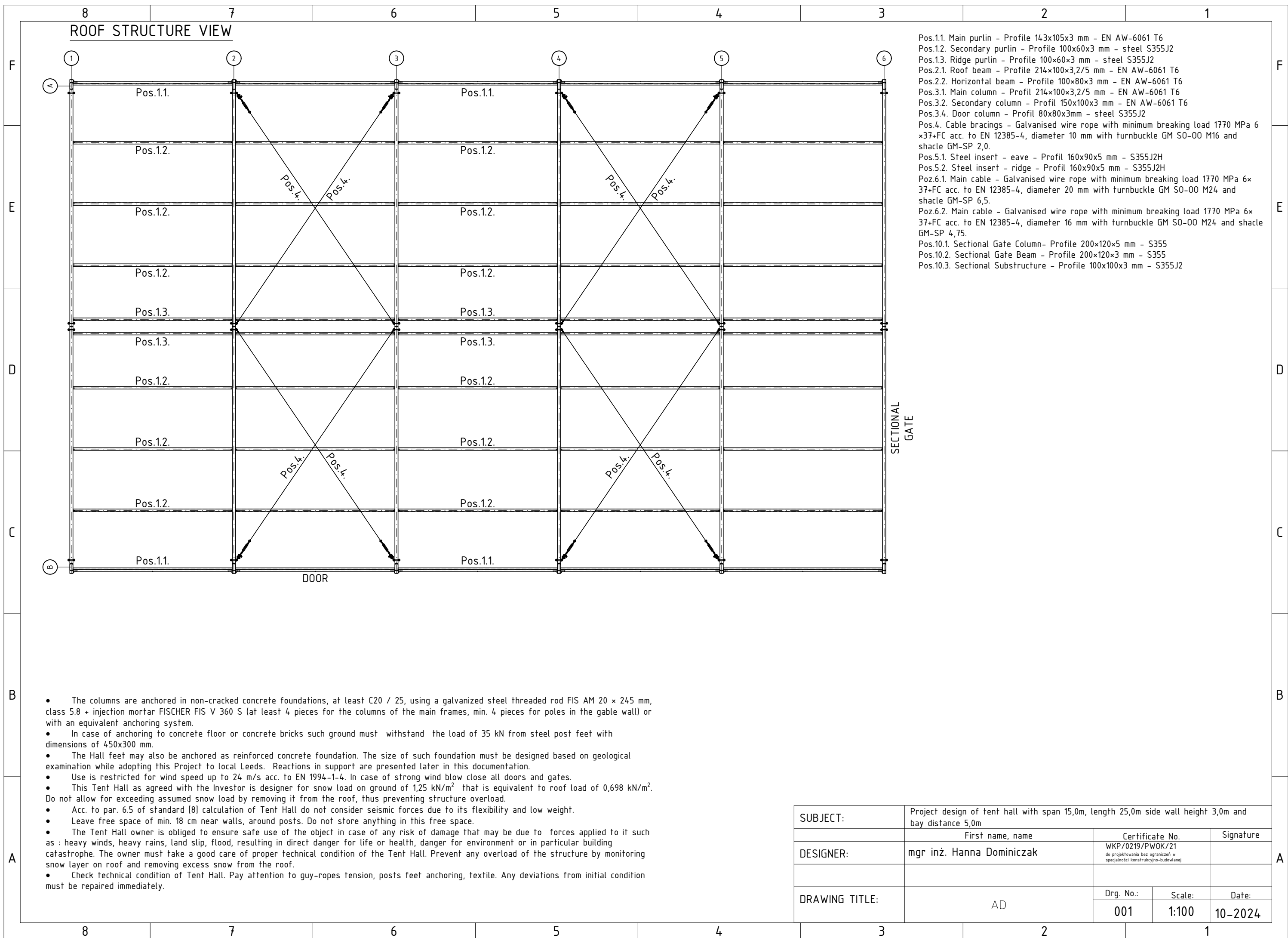
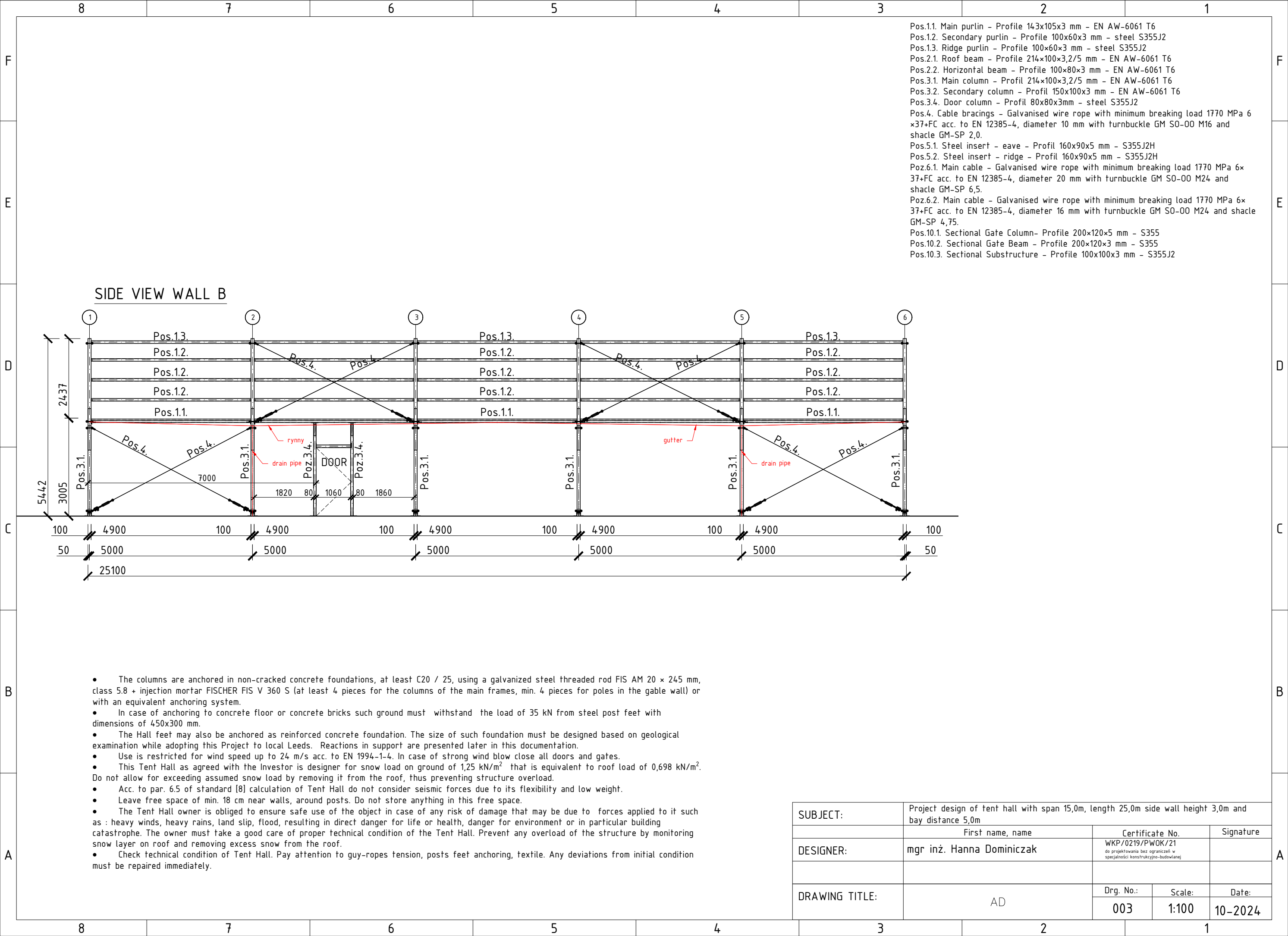
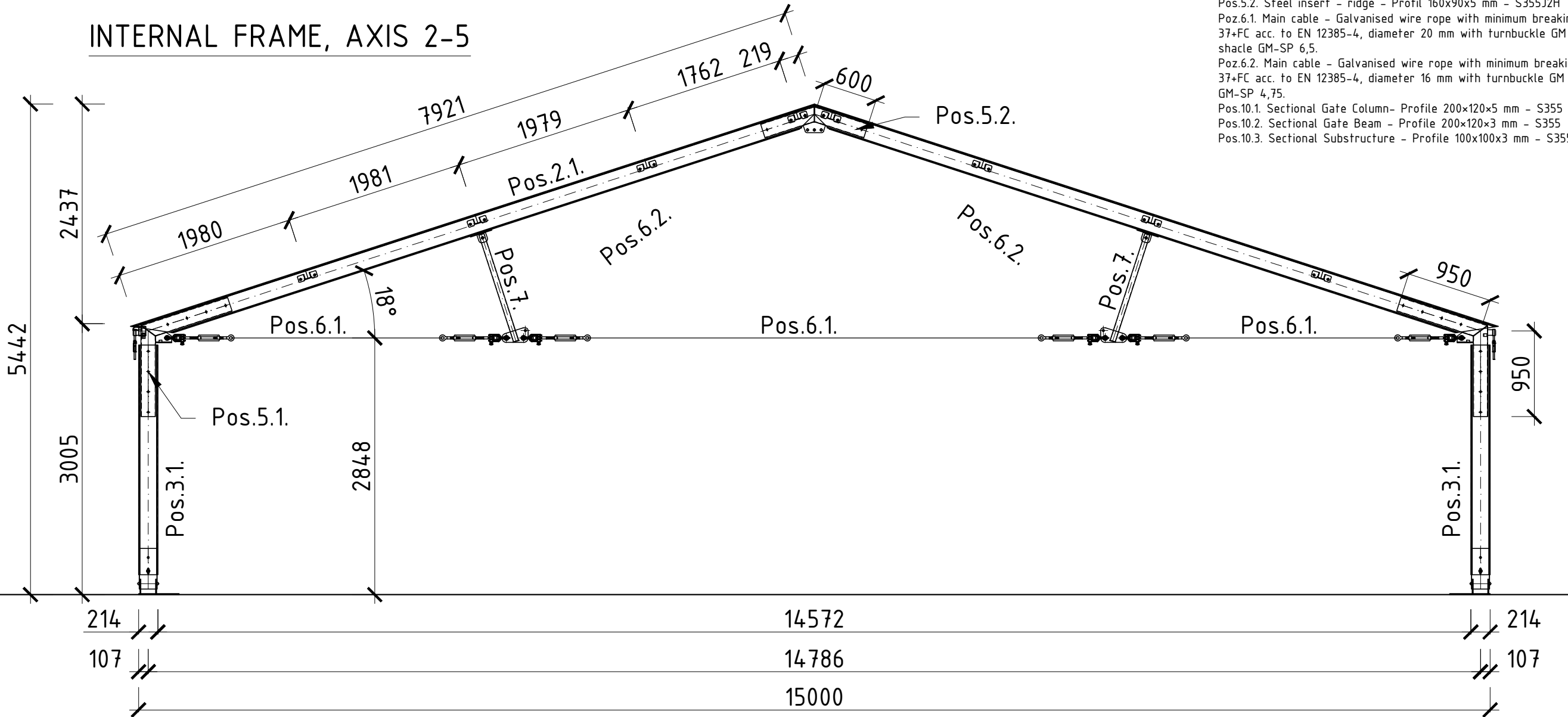






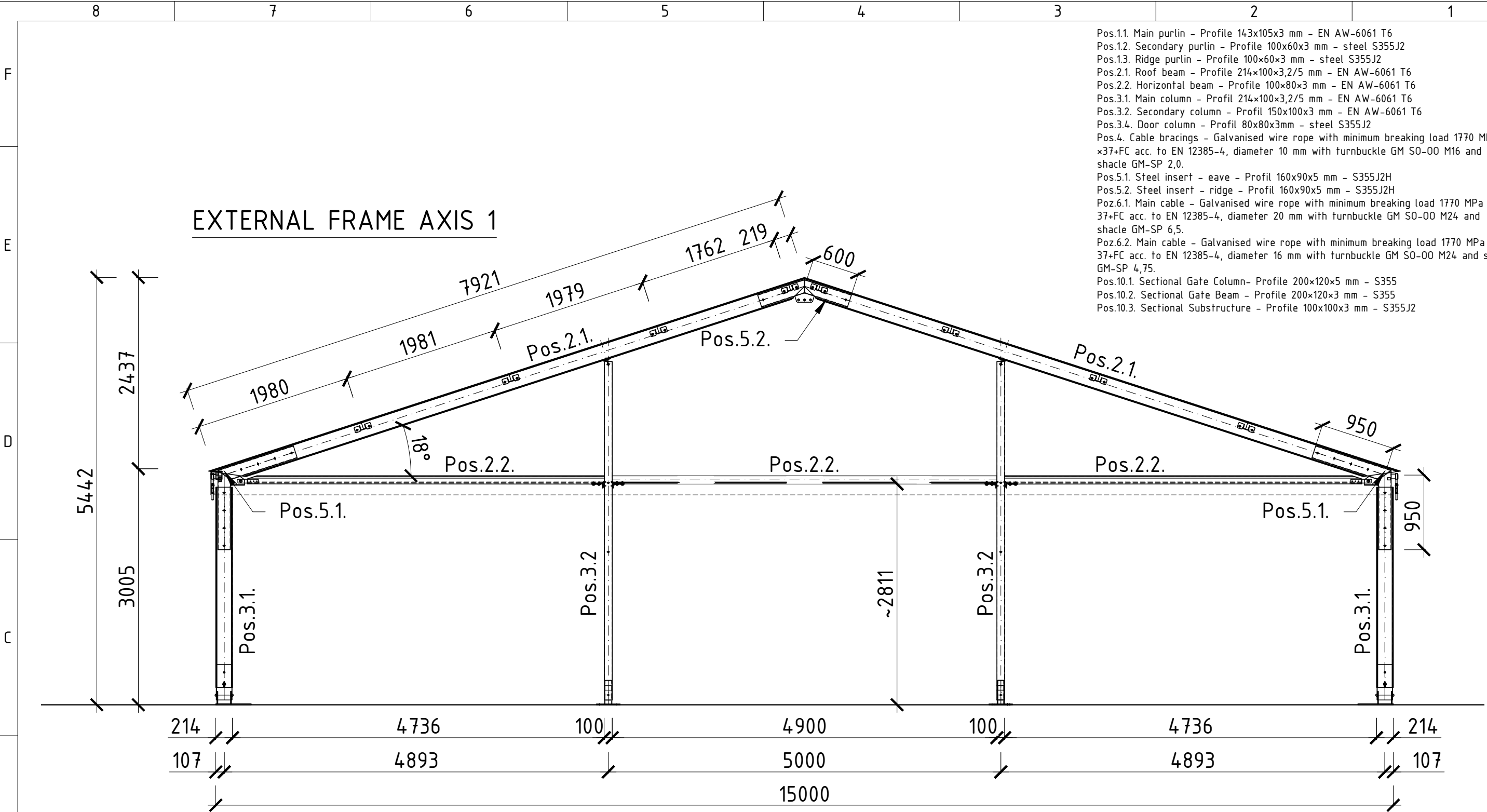
INTERNAL FRAME, AXIS 2-5

- Pos.1.1. Main purlin - Profile 143x105x3 mm - EN AW-6061 T6
- Pos.1.2. Secondary purlin - Profile 100x60x3 mm - steel S355J2
- Pos.1.3. Ridge purlin - Profile 100x60x3 mm - steel S355J2
- Pos.2.1. Roof beam - Profile 214x100x3,2/5 mm - EN AW-6061 T6
- Pos.2.2. Horizontal beam - Profile 100x80x3 mm - EN AW-6061 T6
- Pos.3.1. Main column - Profil 214x100x3,2/5 mm - EN AW-6061 T6
- Pos.3.2. Secondary column - Profil 150x100x3 mm - EN AW-6061 T6
- Pos.3.4. Door column - Profil 80x80x3mm - steel S355J2
- Pos.4. Cable bracings - Galvanised wire rope with minimum breaking load 1770 MPa 6 x37+FC acc. to EN 12385-4, diameter 10 mm with turnbuckle GM SO-00 M16 and shackle GM-SP 2,0.
- Pos.5.1. Steel insert - eave - Profil 160x90x5 mm - S355J2H
- Pos.5.2. Steel insert - ridge - Profil 160x90x5 mm - S355J2H
- Poz.6.1. Main cable - Galvanised wire rope with minimum breaking load 1770 MPa 6x 37+FC acc. to EN 12385-4, diameter 20 mm with turnbuckle GM SO-00 M24 and shackle GM-SP 6,5.
- Poz.6.2. Main cable - Galvanised wire rope with minimum breaking load 1770 MPa 6x 37+FC acc. to EN 12385-4, diameter 16 mm with turnbuckle GM SO-00 M24 and shackle GM-SP 4,75.
- Pos.10.1. Sectional Gate Column- Profile 200x120x5 mm - S355
- Pos.10.2. Sectional Gate Beam - Profile 200x120x3 mm - S355
- Pos.10.3. Sectional Substructure - Profile 100x100x3 mm - S355J2



- The columns are anchored in non-cracked concrete foundations, at least C20 / 25, using a galvanized steel threaded rod FIS AM 20 x 245 mm, class 5.8 + injection mortar FISCHER FIS V 360 S (at least 4 pieces for the columns of the main frames, min. 4 pieces for poles in the gable wall) or with an equivalent anchoring system.
- In case of anchoring to concrete floor or concrete bricks such ground must withstand the load of 35 kN from steel post feet with dimensions of 450x300 mm.
- The Hall feet may also be anchored as reinforced concrete foundation. The size of such foundation must be designed based on geological examination while adopting this Project to local Leads. Reactions in support are presented later in this documentation.
- Use is restricted for wind speed up to 24 m/s acc. to EN 1994-1-4. In case of strong wind blow close all doors and gates.
- This Tent Hall as agreed with the Investor is designer for snow load on ground of 1,25 kN/m² that is equivalent to roof load of 0,698 kN/m². Do not allow for exceeding assumed snow load by removing it from the roof, thus preventing structure overload.
- Acc. to par. 6.5 of standard [8] calculation of Tent Hall do not consider seismic forces due to its flexibility and low weight.
- Leave free space of min. 18 cm near walls, around posts. Do not store anything in this free space.
- The Tent Hall owner is obliged to ensure safe use of the object in case of any risk of damage that may be due to forces applied to it such as : heavy winds, heavy rains, land slip, flood, resulting in direct danger for life or health, danger for environment or in particular building catastrophe. The owner must take a good care of proper technical condition of the Tent Hall. Prevent any overload of the structure by monitoring snow layer on roof and removing excess snow from the roof.
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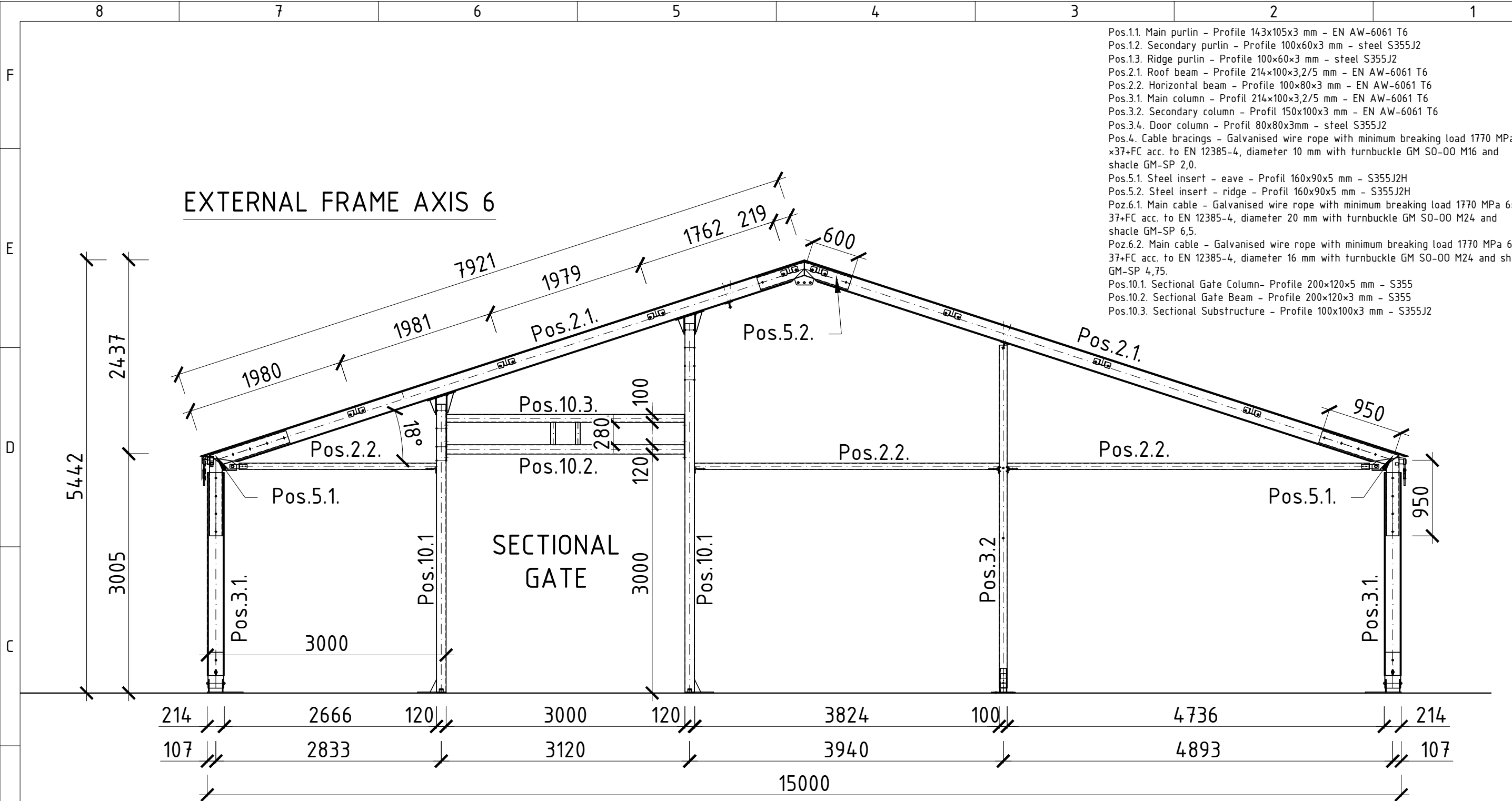
SUBJECT:	Project design of tent hall with span 15,0m, length 25,0m side wall height 3,0m and bay distance 5,0m			
	First name, name	Certificate No.		Signature
DESIGNER:	mgr inż. Hanna Dominiczak	WKP/0219/PWOK/21 do projektowania bez ograniczeń w specjalności konstrukcyjno-budowlanej		
DRAWING TITLE:	AD	Drg. No.:	Scale:	Date:
		004	1:100	10-2024



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Pos.10.3. Sectional Substructure - Profile 100x100x3 mm - S355J2

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