

MODELL

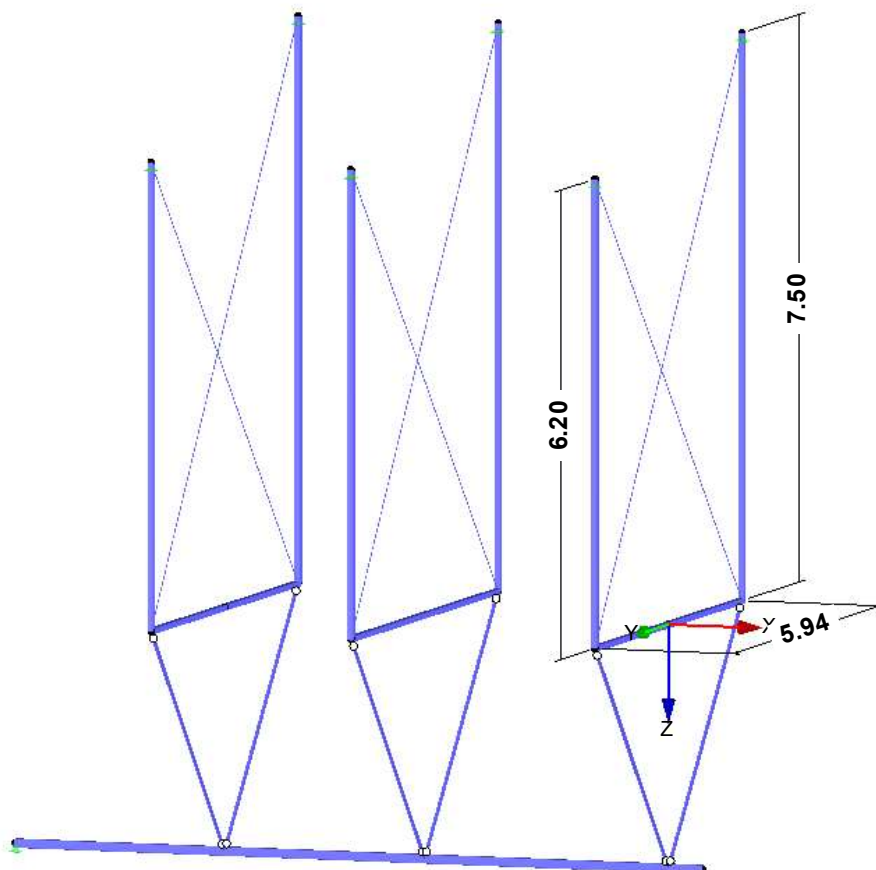
Projekt: 21061 SCD

Modell: Stahlkonstr. ...

Datum: 08.09.2025

■ VORDIMENSIONIERUNG UNTERKONSTRUKTION MULTISCHAUKEL

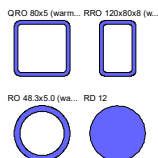
Isometrie



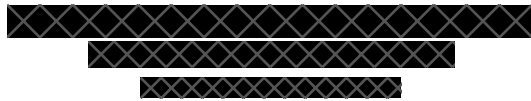
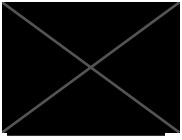
■ 1.2 MATERIALIEN

Mat. Nr.	Modul E [kN/cm ²]	Modul G [kN/cm ²]	Spez. Gewicht γ [kN/m ³]	Wärmedehnz. α [1/K]	Teilsich.-Beiwert γ_M [-]	Material-Modell
1	Baustahl S 235 DIN EN 1993-1-1:2010-12 21000.00	8100.00	78.50	1.20E-05	1.00	Isotrop linear elastisch

■ 1.3 QUERSCHNITTE



Quers.	Mater.	I_T [cm ⁴]	I_y [cm ⁴]	I_z [cm ⁴]	Hauptachsen	Drehung	Gesamtabmessungen [mm]	
Nr.	Nr.	A [cm ²]	A_y [cm ²]	A_z [cm ²]	α [°]	α' [°]	Breite b	Höhe h
1	QRO 80x5 (warmgefertigt)							
	1	217.00	137.00	137.00	0.00	0.00	80.0	80.0
		14.70	6.34	6.34				
2	RRO 120x80x8 (warmgefertigt)							
	1	587.00	525.00	273.00	0.00	0.00	80.0	120.0
		28.80	8.70	16.21				
3	RO 48.3x5.0 (warmgefertigt)							
	1	32.30	16.20	16.20	0.00	0.00	48.3	48.3
		6.80	3.42	3.42				
4	RD 12							
	1	0.20	0.10	0.10	0.00	0.00	12.0	12.0
		1.13	0.95	0.95				



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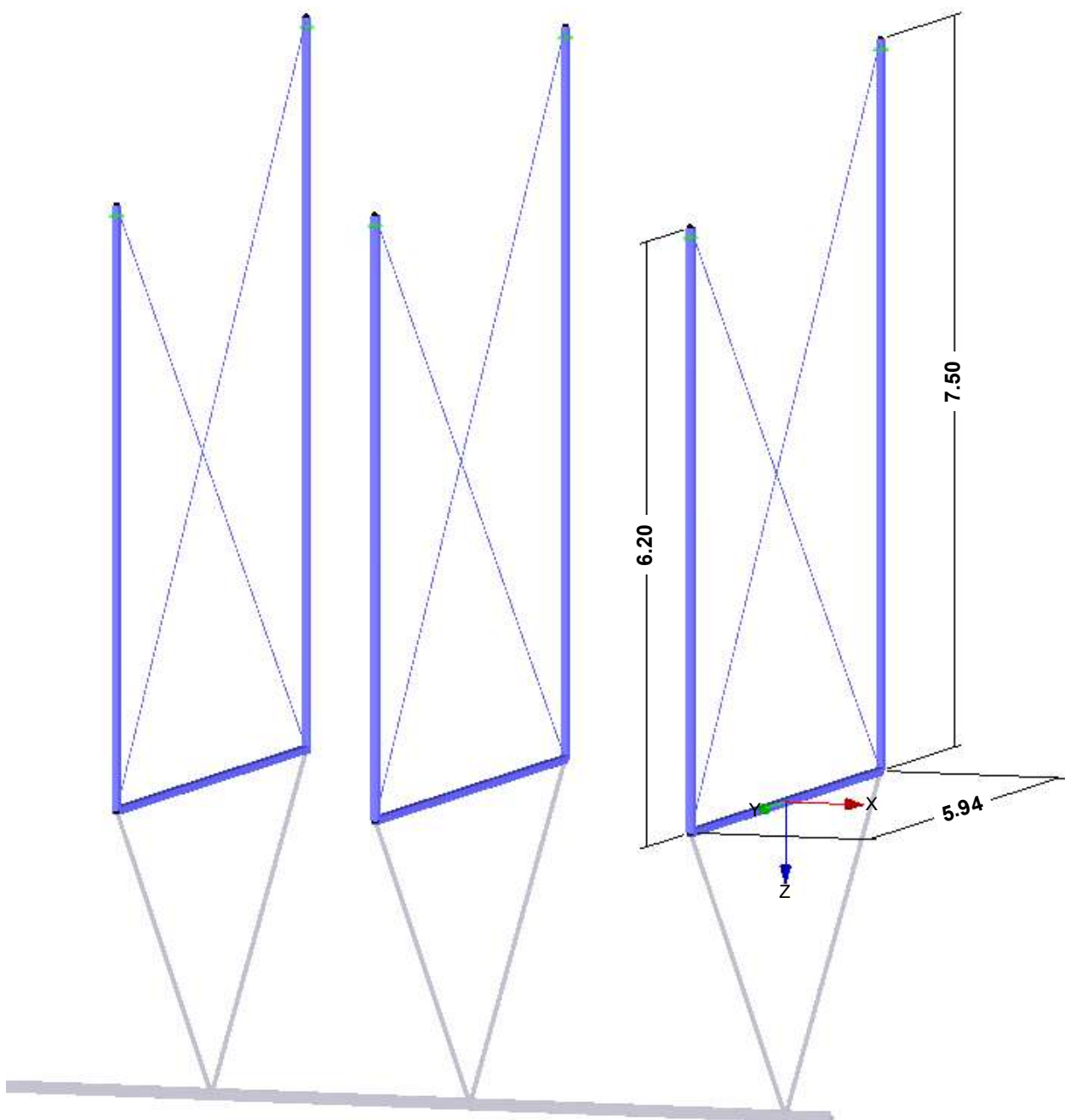
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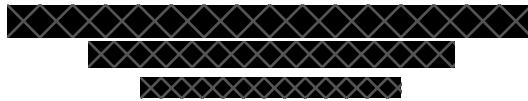
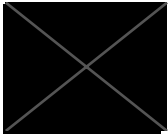
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■ GLOBALE VERFORMUNGEN u, LAGERREAKTIONEN

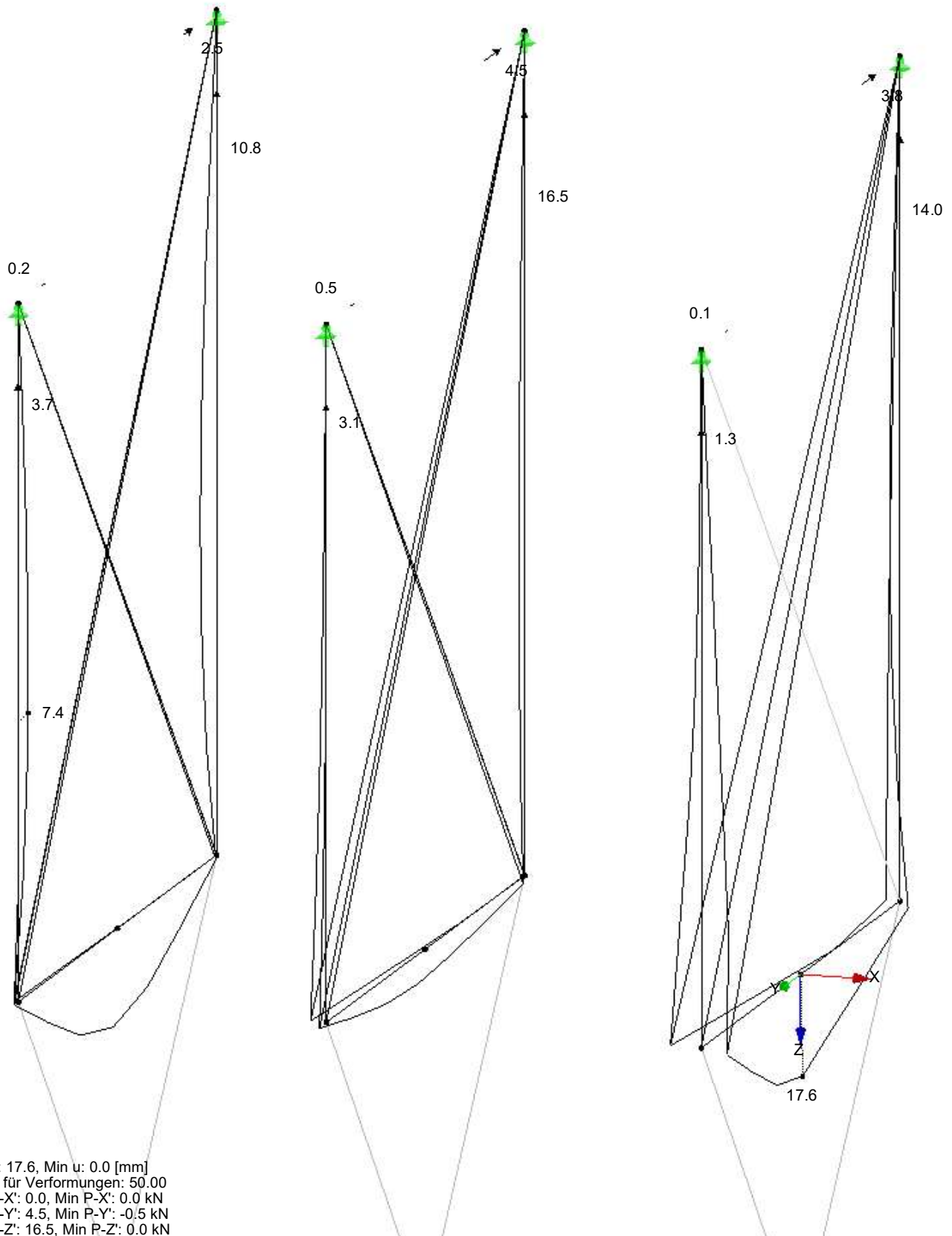
EK1 : LK1 oder bis LK3

Globale Verformungen u [mm]

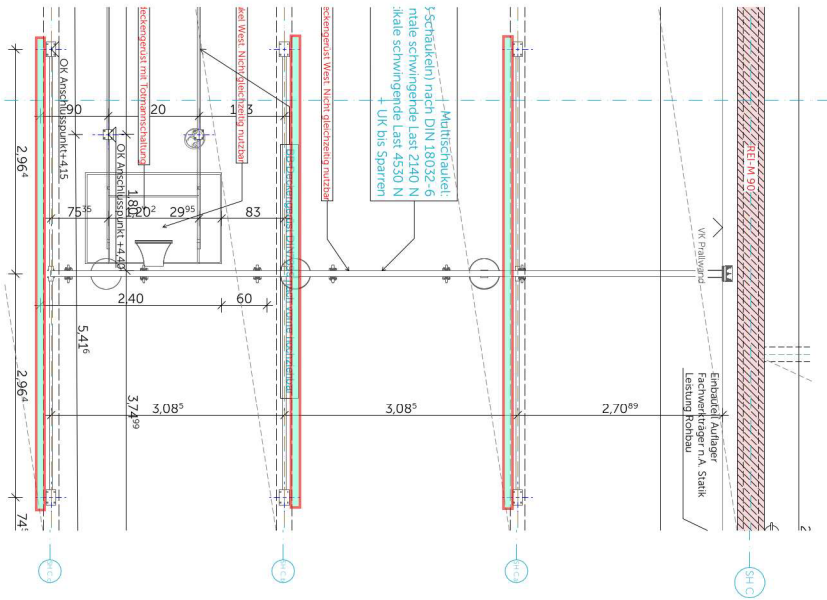
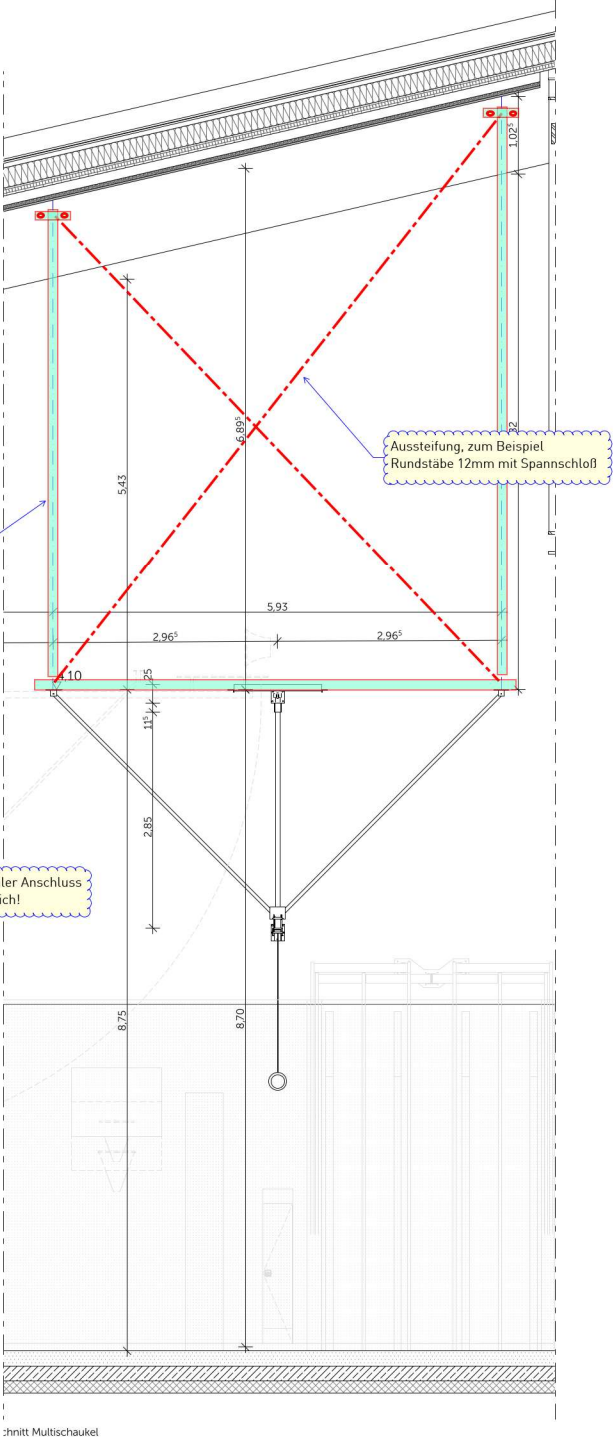
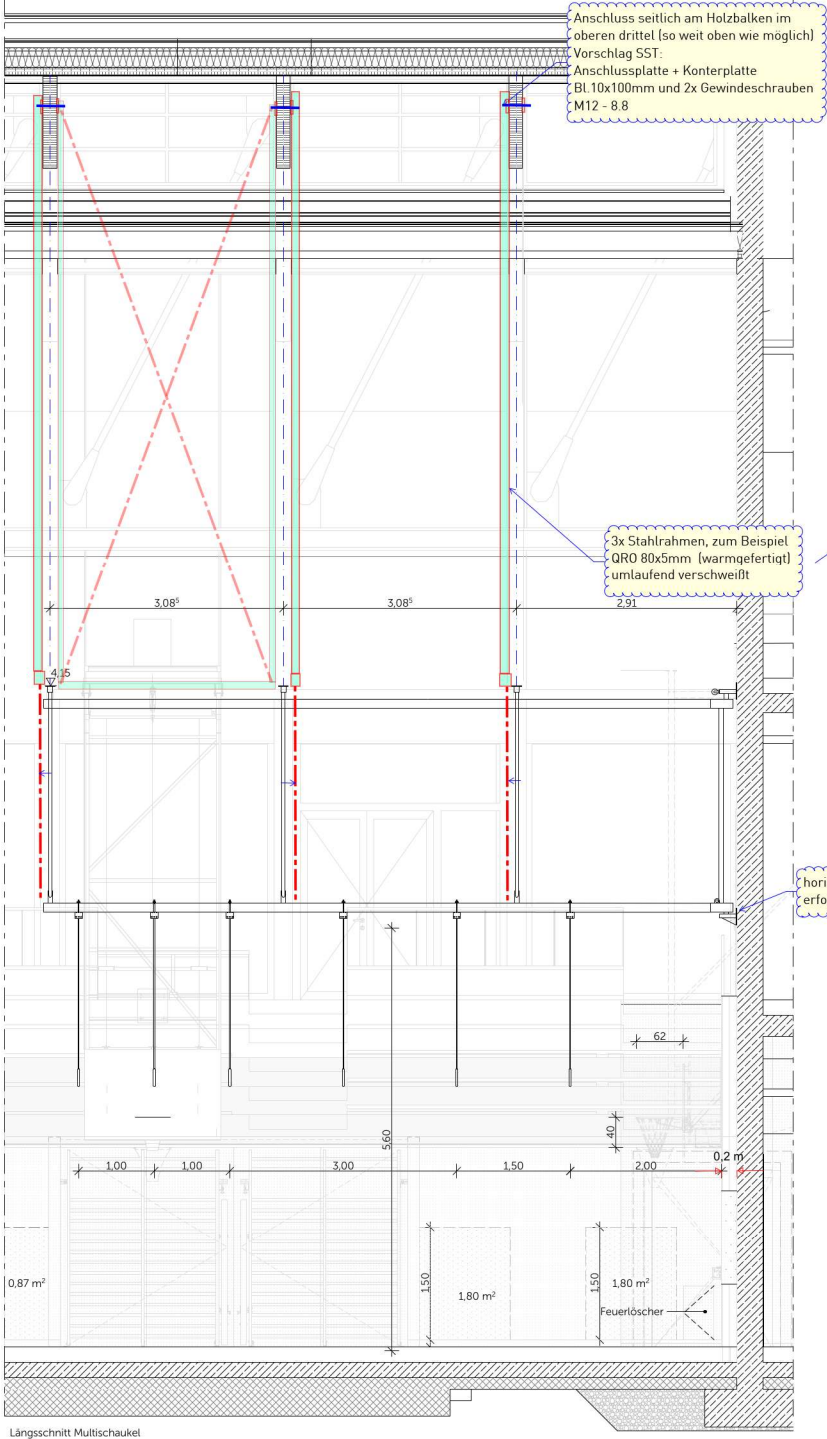
Lagerreaktionen[kN]

Ergebniskombinationen: Max- und Min-Werte

Isometrie



Deckeneinbaugeräte Multischaukel



21061 SCD
Vordimensionierung
Anschlussdetails

08.09.2025

