

MODELL

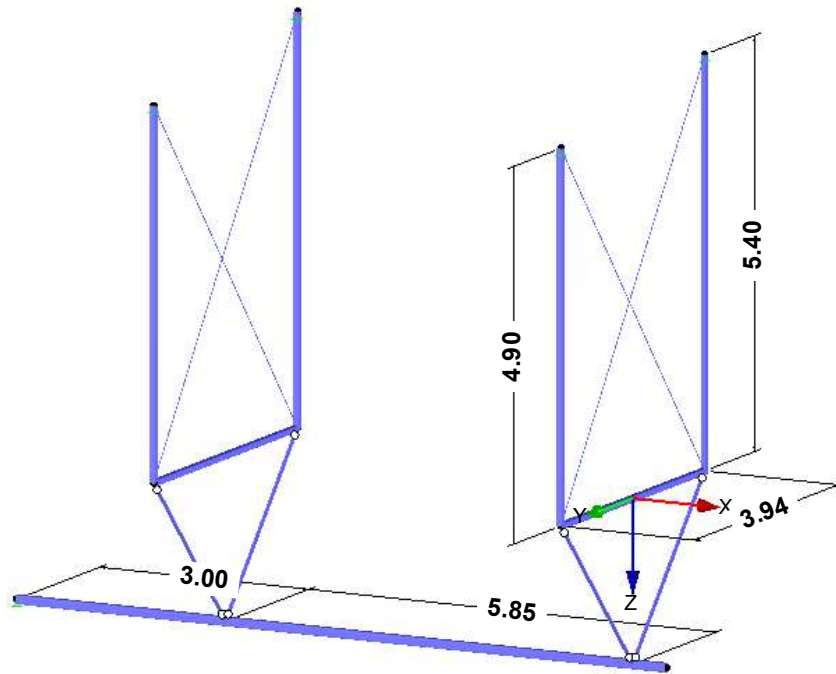
Projekt: 21061 SCD

Modell: Stahlkonstr. ...

Datum: 08.09.2025

■ VORDIMENSIONIERUNG UK MULTISCHAUKEL - TYP 2

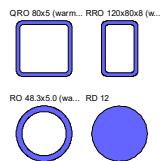
Isometrie



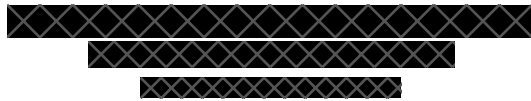
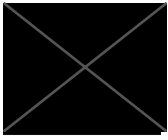
■ 1.2 MATERIALIEN

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



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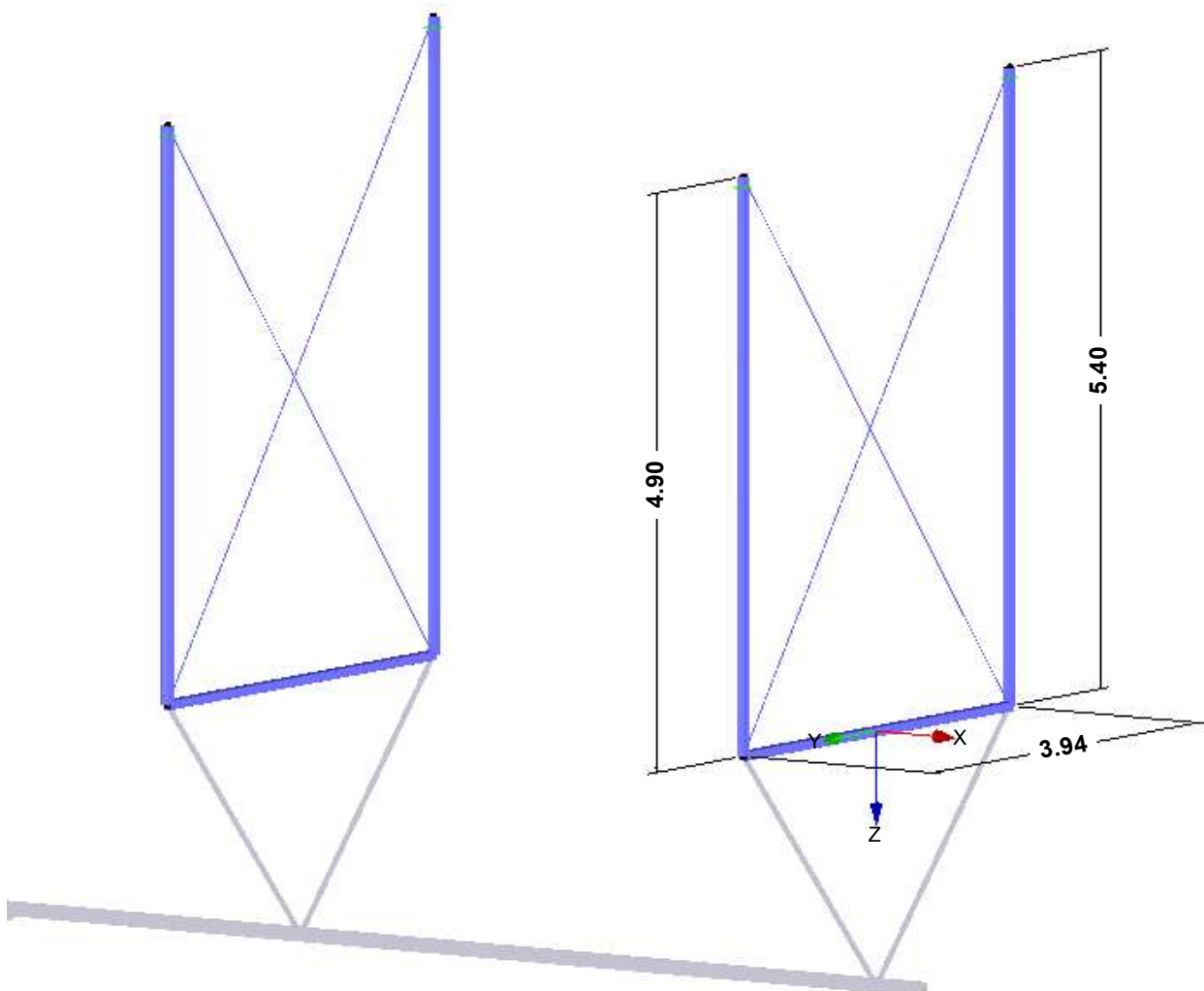
Projekt: 21061 SCD

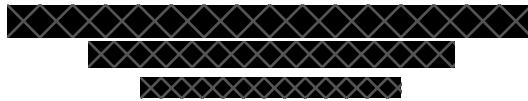
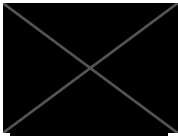
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■ MODELL

Isometrie



■ GLOBALE VERFORMUNGEN u , LAGERREAKTIONEN

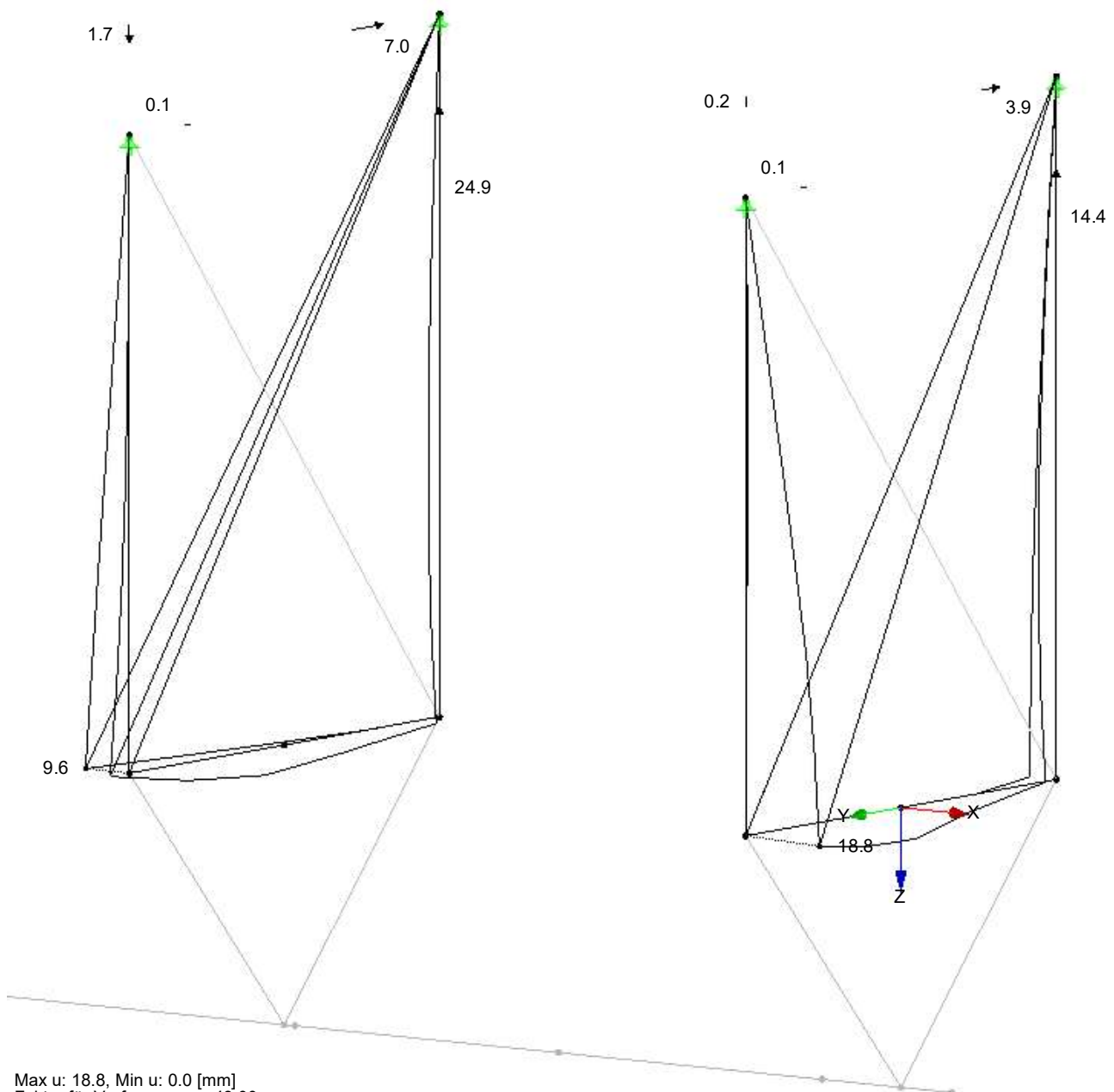
EK1 : LK1 oder LK2

Globale Verformungen u [mm]

Lagerreaktionen[kN], [kNm]

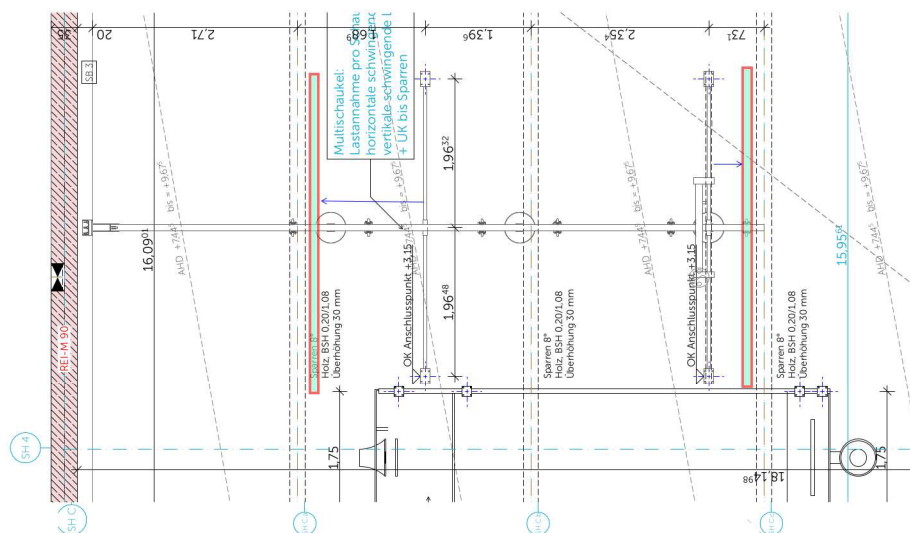
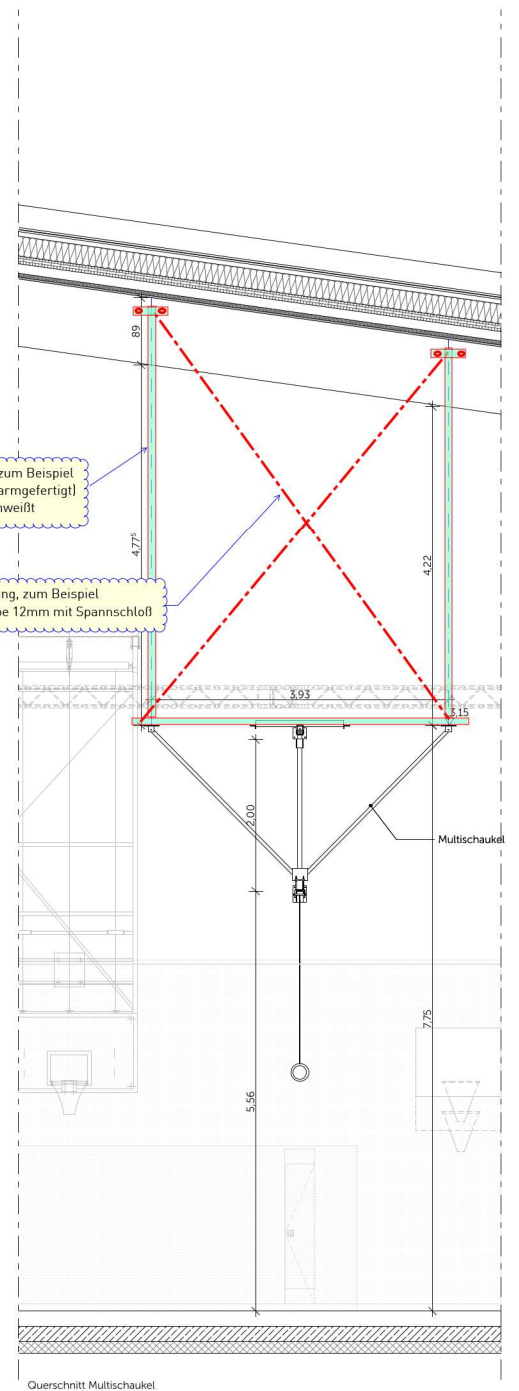
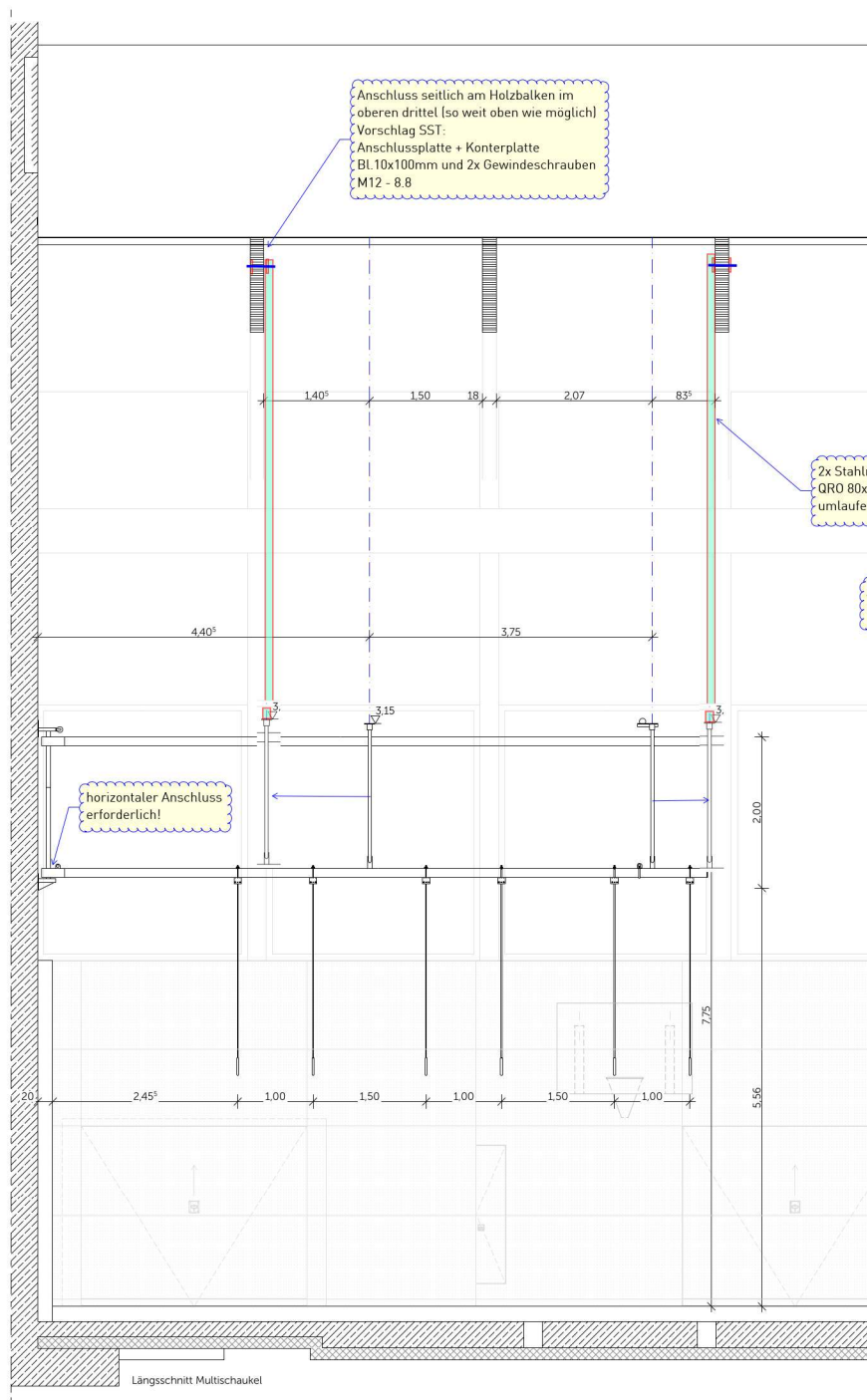
Ergebniskombinationen: Max- und Min-Werte

Isometrie



Max u : 18.8, Min u : 0.0 [mm]
Faktor für Verformungen: 43.00
Max P-X': 0.0, Min P-X': 0.0 kN
Max P-Y': 7.0, Min P-Y': -0.1 kN
Max P-Z': 24.9, Min P-Z': -1.7 kN
Max M-X': 0.0, Min M-X': 0.0 kNm

Deckeneinbaugeräte Multischaukel



21061 SCD
Vordimensionierung
Anschlussdetails

08.09.2025

