

[illegible]

Technical drawing of a staircase section (Schnitt A-A) showing structural details and dimensions.

Dimensions:

- Vertical height: 1185
- Horizontal distance: 1800

Structural Details and Labels:

- S4:** Stütze HEB 300
- R6:** Anschluss UPE200 an Stütze +1,81
- S3:** Stütze HEB 300
- R5:** Anschluss UPE200 an Stütze
- A6:** Stützenfuß
- Staircase:** 7 Stg, 18³ / 25
- Ground Level:** -0,7
- Foundation Level:** -0,2
- Roof Level:** +3,09

Technical drawing of a double-shear lap joint (Doppel-Scheren-Überlappung) for a steel plate. The drawing shows a cross-section of the joint with dimensions and material specifications.

Dimensions:

- Plate thickness: $t = 20 \text{ mm}$
- Distance between the two shear planes (center-to-center): 170 mm
- Distance from the edge of the plate to the first shear plane: 80 mm
- Distance from the edge of the plate to the second shear plane: 80 mm
- Total width of the plate: 330 mm
- Distance between the two shear planes (edge-to-edge): 200 mm
- Distance from the edge of the plate to the first shear plane (edge-to-center): 65 mm
- Distance from the edge of the plate to the second shear plane (edge-to-center): 65 mm

Material and Fastener:

- Plate: **Platte S235 JR**
- Fastener: **Fischer FAZ II Plus 24/60 R o. glw.**

The drawing shows a cross-section of the joint with dimensions and material specifications. The plate is S235 JR, and the fastener is Fischer FAZ II Plus 24/60 R o. glw. The dimensions are: 170 mm between the two shear planes, 80 mm from the edge to the first shear plane, 80 mm from the edge to the second shear plane, 330 mm total width, 200 mm between the two shear planes (edge-to-edge), and 65 mm from the edge to the first shear plane (edge-to-center). The plate thickness is 20 mm.

Technical drawing of a beam cross-section. The total width is 405 mm, with a central section of 200 mm and side sections of 50 mm each. The total height is 200 mm, with a central section of 60 mm and side sections of 80 mm each. The drawing shows a central core with a width of 215 mm and a height of 60 mm. Forces F_x and F_y are applied at the top left corner. A coordinate system (x, y) is centered in the core, with x pointing right and y pointing down. The drawing is labeled with dimensions and force components.

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Technical drawing of a rectangular reinforced concrete slab (Decke) with dimensions and load labels:

- Overall width: 455
- Overall height: 200
- Support width (Stütze): 200
- Support height (Stütze): 60
- Slab width (BL): 15x320x200
- Slab height (Decke): 100
- Internal dimensions: 242 (width), 180 (height)
- Reinforcement: 8 bars (4 top, 4 bottom)
- Load labels: F_x , F_y , F_z , x , y , z
- Material labels: Stütze HEB 300, UPE 200

Technical drawing of a column-beam connection. The drawing shows a cross-section of a beam (BL 15x320x200) connected to a column (Stütze HEB 300). The beam is supported by two M16 bolts. Dimensions include: beam height 455 mm, column height 320 mm, beam width 205 mm, column width 242 mm, and various spacing dimensions like 40, 15, 75, 25, 50, 200, 205, 242, 320, 455. The connection is labeled 'UPF 200' and '2x2 M16 - 10.9'.

IND.	DATUM	NAME	ÄNDERUNG								
Bauherr 			Phase Genehmigung bearb. Fucke gez. Seidel Dat. 20.04.2026								
Projekt GfA Olching Betriebsgebäude			Mst. 1:50, :20, :10 1:5 Blattgröße DIN A1								
Zeichnung Positionsplan – 1. Nachtrag			Plan–Nr <table border="1"> <tr> <th>Phase</th><th>Typ</th><th>Plan–Nr.</th><th>Index</th></tr> <tr> <td>IV</td><td>70</td><td>202</td><td>–</td></tr> </table>	Phase	Typ	Plan–Nr.	Index	IV	70	202	–
Phase	Typ	Plan–Nr.	Index								
IV	70	202	–								
Planungsbüro 			Entwurfsverfasser Dipl.-Ing. Architekt Paul Böhm Zul.–Nr. 5569								