

Technical drawing of a reinforced concrete slab (E-500) with dimensions and reinforcement details. The drawing shows a rectangular slab with a central opening. Dimensions include overall width $b/h=40/135\text{cm}$ and opening width $b/h=20/30\text{cm}$. Reinforcement is indicated by red 'X' marks at the corners and along the edges. Labels include 'Stb.-Wand $d=20\text{cm}$ ', 'Stützenfuß', 'Stützeuß', 'WU-Stb.-Bojenstange $n=22\text{cm}$ ', and 'WU-Stb.-Bojenstange $n=30\text{cm}$ '. Section lines A-A and B-B are shown.

[illegible]

Technical drawing of a timber floor plan showing a grid of beams and columns. The drawing includes labels for structural elements: S-501 (Stütze NCH24), S-502 (Stütze NCH24), D-503a (Randträger), D-500 (OSB-Platte 25mm), and S-500 (Holzstütze). Dimensions are given for beam spacing (b/d) and column spacing. A coordinate system is shown with 'x-Richtung' and 'y-Richtung' axes. A dashed line indicates a diagonal section line.

Technical drawing of a wooden structure (Dachstuhl) showing dimensions and components. The drawing includes a side elevation and a cross-section. Key components labeled include: D-502a, D-502b, D-504, E-500a, E-500b, E-501, E-502, E-507, and E-508. Dimensions are given in millimeters (mm) and centimeters (cm). The structure is made of wood (Holzträger NHC24) and OSB-Platte (25mm). The drawing shows a roof structure with a gable end, a central window, and a base foundation.

Technical drawing of a building facade section, showing structural details and annotations. The drawing includes a cross-section of the building structure, with various components labeled with callouts A1 through A13. The structure is shown in a cross-section, with the ground level indicated by a dashed line and the building's foundation shown below. The drawing includes a cross-section of the building structure, with various components labeled with callouts A1 through A13. The structure is shown in a cross-section, with the ground level indicated by a dashed line and the building's foundation shown below. The drawing includes a cross-section of the building structure, with various components labeled with callouts A1 through A13. The structure is shown in a cross-section, with the ground level indicated by a dashed line and the building's foundation shown below.

2x Winkel
SXANP80x80x80x2,5
Vollaussnägungl SXCN 4x40mm

D-501

16

14

12

D-502a

Technical drawing of a window frame assembly. The drawing shows a cross-section of the frame with dimensions 16 and 22. Components labeled include D-502a, S-500, and a 2x Winkel SXANP80x80x60x2.5 Vollausnagelung SXCN 4x40mm.

D-502a

1xWinkel
SXANP80x80x80x2.5
Vollaussnagelung SXCN 4x40mm

S-501

16

25
KCN 4x40mm

S-500

8

22

E-504

2xWinkel
SXAN80x80x80x2,5
Vollausnagelung SXCN 4x40mm

Technical drawing of a wall connection detail. The drawing shows a cross-section of a wall with a horizontal reinforcement bar (S-501) and a vertical reinforcement bar (E-502a). The wall thickness is 16 cm. The reinforcement bars are 2x Winkel SXAJ 130x70x80x4, fully anchored (Vollausnagelung) with SXCN 4x40mm. The drawing includes dimensions and labels for the reinforcement bars and the wall thickness.

Technical drawing of a square window frame (E-503) with dimensions 16x16. The frame is made of 2x Winkel SXAJ 130x70x80x4 and is secured with Vollaussnägelung SXCN 4x40mm. The drawing shows the frame assembly with labels S-501 and E-503.

Technical drawing of a rectangular plate with dimensions and assembly details. The plate has a width of 16 and a height of 20. The top edge has a 14x14 section, and the bottom edge has an 8x16 section. The drawing shows the plate with a central hole and a bottom flange. The assembly details include Bolzen M12, 8.8 + 2x Scheibendübel einseitig C2, Lasche 140x200x10, and QRo 160x160x10mm mit Kopfplatte 160x160x10mm.

Technical drawing of a window frame assembly, showing two views: a side elevation and a cross-section.

Side Elevation (Left):

- Overall width: 16
- Overall height: 20
- Top rail height: 14
- Bottom rail height: 8
- Frame thickness: 6
- Mounting bracket height: 9
- Material: S-500

Cross-section (Right):

- Overall width: 22
- Overall height: 20
- Top rail height: 14
- Bottom rail height: 8
- Frame thickness: 6
- Mounting bracket height: 9
- Material: S-500
- Top rail: 160x10mm mit Kopplaste 160x10mm
- Bottom rail: 160x10mm
- Mounting: nach Montage Stützenfuß verg.
- Fasteners: 2x Bolzen M12 8.8, 2x Schraubendeibel einseitig C2-62
- Window unit: 160x160mm
- Window unit: H111 HIT-HY 200-A V3
- Window unit: HAS-U HCR M24, h_s = 350mm

Technical drawing of the S-501 support system, showing two views: a side elevation and a front elevation. The side elevation shows a vertical support with a base plate, a central column, and a top plate. Dimensions include a total height of 20, a base height of 8, and a central column height of 10.5. The front elevation shows a similar structure with a base plate, a central column, and a top plate. Dimensions include a total height of 20, a base height of 8, and a central column height of 10.5. The drawing includes a list of components and their specifications: Bolzen M12, 8.8; 2xSchraubendübel einseitig C2-62; OrRo 160x160x10mm mit Kopplatte 160x160x10mm; nach Montage Stützenfuß verbleib; Hilti HIT-HY 200-A V3; and HAS-U HCR M24, $l_s = 350\text{mm}$.

Zuganker SVHT 440x630x6003
 Vollanspannung 4x60
 HiH HT-HY 200-A V3
 +HAS-U HCR M16, $n_{\text{a}}=20\text{mm}$
 HiH HT-HY 200-A V3
 +HAS-U HCR M16, $n_{\text{a}}=150\text{mm}$, $e=0,50\text{m}$
 Scheibendübel einseitig
 (z.B. Bullog C2-75M16)

50

Hilti HIT-HY 200-A V3
+HAS-U HCR M16, $h_{\text{eff}} = 150\text{mm}$, $e = 0,50\text{m}$

Scheibdübel einseitig
(z.B. Bulldog C2-75M16)

Achtung:
auch bei der kurzen Wand E-505 sind mind.

2xWinkel SXAJ 130x70x80x4
Vollausangelung SXCN 4x40mm

S-500

2xWinkel SXAJ 130x70x80x4
Vollausangelung SXCN 4x40mm

E-502a

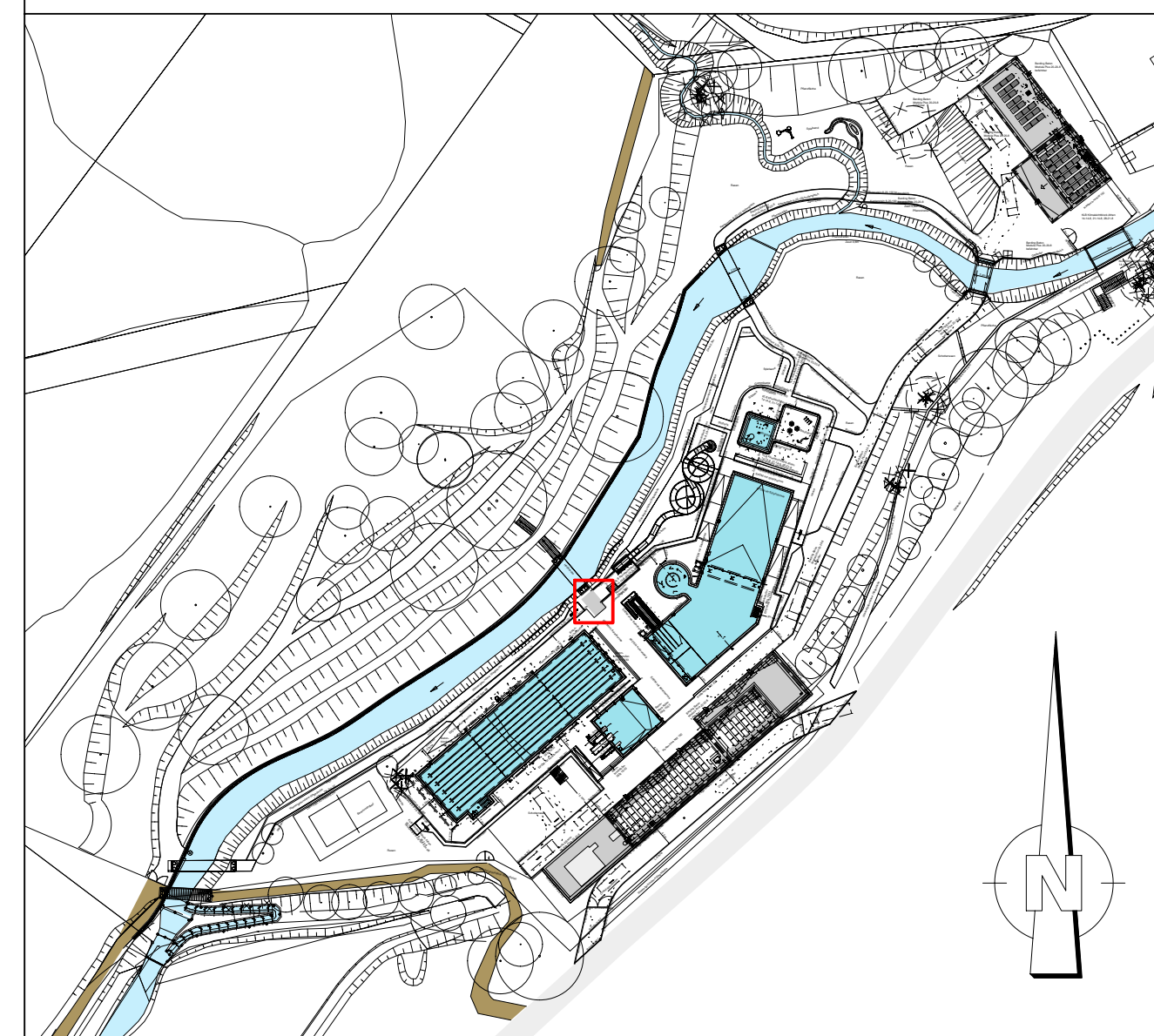
22

E-502b

2xWinkel SXAJ 130x70x80x4
Vollausangelung SXCN 4x40mm

 Beton verdeckt

POSITIONSPLAN



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+/- 0.00m = NHN
NHN +207.500 m

MASSTAB	1:50
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Allplan 20