

Technical drawing of a staircase railing cross-section. The drawing shows a vertical railing post (Kaidetolppa) with a handrail (Yläjohde) on top. The railing is supported by a wooden structure (Puu) and a concrete base (Alatuki). The drawing includes dimensions for the railing height (1190 mm), the handrail height (70 mm), the railing post diameter (130 mm), the handrail width (50 mm), the railing post width (150 mm), the concrete base width (180 mm), and the concrete base height (363 mm). The drawing is labeled with 'Kaidetolppa', 'Yläjohde', 'Säle-elementti', 'Törmäyspalkki', 'Puu', 'Kulutserros', 'Kansilankut', and 'Alatuki'.

Technical drawing showing a vertical assembly with dimensions and component labels:

- DET 1** (top detail)
- DET 2** (bottom detail)
- Kulmateräs: 50x50x5** (three locations)
- Hitsattu verkko: jako/lanka 30x30/5** (middle section)
- Dimensions:**
 - 50 (width of top detail)
 - 574...1100 (height of middle section)
 - 665...1200 (total height)
 - 20 (width of bottom detail)

Reikä Ø12

30 20

30 20

Levy: 45x45x10

Technical drawing of a corner bracket. The drawing shows a profile of a bracket with a horizontal leg of length 20 and a vertical leg of height 50. A diagonal line connects the outer ends of the legs, and a small square indicates a right angle at the corner where the legs meet.

Technical drawing of a cable bracket (Vaakalangat) showing dimensions and assembly instructions. The drawing includes a side view and a top view. The side view shows a vertical bracket with a horizontal arm. The top view shows the bracket's profile with a cable (a3) passing through it. Dimensions are given in millimeters (mm).

Dimensions:

- Overall height: 100 mm
- Overall width: 100 mm
- Bracket height: 50 mm
- Bracket width: 50 mm
- Bracket thickness: 10 mm
- Bracket depth: 10 mm
- Bracket width (inner): 40 mm
- Bracket depth (inner): 10 mm
- Bracket width (outer): 50 mm
- Bracket depth (outer): 10 mm
- Bracket width (inner, top): 40 mm
- Bracket depth (inner, top): 10 mm
- Bracket width (outer, top): 50 mm
- Bracket depth (outer, top): 10 mm
- Bracket width (inner, bottom): 40 mm
- Bracket depth (inner, bottom): 10 mm
- Bracket width (outer, bottom): 50 mm
- Bracket depth (outer, bottom): 10 mm

Assembly instructions:

Vaakalangat, joka toinen lanka hitsataan pystykulmateräksiin, pystylangat hitsataan vaakakulmateräksiin vastaavasti, piena a3, hitsin pituus 25 mm

Kierretanko M10 L210
kaidetolppaan

Kuusiomutteri M10
Aluslaatta 10

18

33

Kaidetolppa

Kuusiomutteri M10
Pyöreä aluslaatta 10

Soikea reikä

Kuusiioruuvi M10 L=50

Aluslaatta D30, paksuus 8 mm, reikä 12 mm

Alustaatta 10

2xKuusiomutteri M10

Kaidetolppa

Kuusiioruuvi M10 L=40

2xAluslaatta 10

Kuusiomutteri M10

Teräsvy t=10

28

28

Teräsvy t=10

Kaidetolpan jalka

Siipimuurin yläpinta

K1 K2 K3 K4 K5 K6 K7 K8 K9 K10 K11

Toinen puoli vastaavasti

Technical drawing of a rectangular plate with a grid pattern. The overall dimensions are 1850 mm by 1100 mm. The plate is made of PL45x45x10. The drawing shows a grid of 10x10 cells. The grid is centered within the plate. The dimensions of the grid cells are 180 mm by 100 mm. The plate has a thickness of 10 mm. The drawing includes a 30-degree angle dimension at the bottom right corner.

[illegible]

Technical drawing of a roof structure. The drawing shows a cross-section of a roof with a gable end. The roof is covered with a material labeled "PL45x45x10". The roof pitch is indicated by a 15° angle. The total length of the roof is 1946. The width of the roof is 552. The height of the roof is 1075. The roof is supported by a structure labeled "Reikä Ø12" and "Reikä Ø12x22". The roof is also labeled with "x45:" and "90°". The drawing includes a grid pattern for the roof surface.

Technical drawing showing a cross-section of a window sill assembly. The drawing includes the following labels and components:

- Kaidetolpan jalka**: Window frame leg.
- Siipimuurin ulkopinta**: Outer surface of the wing wall.
- Kaidetolppa**: Window frame.
- Törmäyspalkki**: Stop beam.
- Siipimuurin sisäpinta**: Inner surface of the wing wall.

The drawing shows the window frame (Kaidetolppa) and its legs (Kaidetolpan jalka) installed within the wing wall (Siipimuurin ulkopinta and Siipimuurin sisäpinta). A stop beam (Törmäyspalkki) is shown below the window frame.

KAIDE	a
K1	25
K2	25
K3	19
K4	12
K5	6
K6	0
K7	6
K8	12
K9	19
K10	25
K11	25

Kuorma	KL/5.9.2014, Onnettomuustilanteen kuorma 260 kN teli, akseliväli 1,2 m, rengaskuormien raideleveys 2 m.
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B					
A					
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KAUP.OSA, OSA-ALUE					
<h1>TYYPPIPIIRUSTUS</h1> <p>Liimapuinen patkakisilta (Pip), HL4,0, (5,0); Jm 14m</p> <p>Kaidepiirustus 2. Suora kaidefolppa ja teräsverkk.</p>					
MK	LIITTYÄ	00000/000	NRO	KHS	
1:100	KORVA		C-5	KYLK	
1:20	KORVATTU	TASOKKOORDINAATIOSTO:		HYV.	xx.xx.2017 H. Hyväksyjä
1:10	ASEMAKAAVA	ETRS - GK25		TARK.	xx.xx.2017 T. Tarkasfaja
1:5	LIIKENNES.	KORKEUS,JÄRJESTELMÄ: N2000		PROJ.	xx.xx.2017 P. Projektipäälikkö
				HYV.	xx.xx.2017 H. Hyväksyjä
				TARK.	xx.xx.2017 T. Tarkasfaja
				LAAT.	xx.xx.2017 L. Laatiija