

Technical drawing of a wooden table top (Tavolato in legno) showing dimensions and assembly details. The drawing is a top-down view of a rectangular table top with a width of 960 mm and a length of 3000 mm. The table top is composed of several wooden planks (Tavolato in legno) with a spacing of 30 cm (Sp.30cm). The drawing indicates the use of 4 self-drilling screws (4 Viti autoforanti tipo HBS-4, per tavola) for assembly. The drawing is labeled with dimensions and assembly instructions.

Technical drawing of a rectangular frame structure. The drawing shows a plan view of a frame with a total width of 3000 and a total height of 1100. The frame is composed of vertical and horizontal members, all labeled as PU 200x60x10. The vertical members are 980 high, and the horizontal members are 3000 wide. The drawing includes section lines and dimensions. The left side is labeled 'VISTA B' and the bottom is labeled 'VISTA A'. The dimensions 3000 and 1100 are indicated on the left and bottom respectively. The height of the vertical members is indicated as 980 on the right. The material specification 'PU 200x60x10' is repeated for each member.

160

284.0

160

100

Dettaglio A

Tavolato in legno
Sp 30cm

Pili 200x60x10

Palo di fondazione VTR

Technical drawing of a bridge structure. The drawing shows two vertical piles (Palo di fondazione VTR) supporting a horizontal beam. The total width of the beam is 980. The height of the beam is 200. The height of the pile is 106. A dimension line indicates the distance between the centers of the piles is 980. A label 'Dettaglio B' points to the beam. A label 'Palo di fondazione VTR' points to one of the piles.

Technical drawing of a bridge structure. The drawing shows a cross-section of the bridge deck supported by two vertical piles. The total length of the bridge deck is 1000 units. The distance between the two piles is 900 units. The bridge deck is supported by two vertical piles, each with a diameter of 100 units. The bridge deck is made of wood (Tavolato in legno Sp:30cm). The drawing includes two detailed views: Dettaglio C and Dettaglio D. Dettaglio C shows the connection between the bridge deck and the pile. Dettaglio D shows the connection between the bridge deck and the pile, including the reinforcement (VTR) and the foundation (Palo di fondazione VTR).

Technical drawing of a rectangular box. The overall dimensions are 175 (width) by 200 (height). The top surface is divided into a 106x106 square section and a 60x106 rectangular section. The 106x106 section contains a dashed rectangle with four blue crosshair markers. The 60x106 section contains a solid rectangle with a central circle. The bottom surface is 175x160. The drawing includes various dimension lines and a dashed outline for the box's structure.

Technical drawing of a mechanical part with dimensions. The drawing shows a cross-section of a component with a central vertical slot and a horizontal flange at the top. Dimensions are provided in millimeters (mm).

Horizontal Dimensions:

- Top flange width: 25 mm (left), 60 mm (middle), 50 mm (right).
- Base width: 85 mm (left), 6 mm (center), 85 mm (right).
- Total base width: 175 mm.

Vertical Dimensions:

- Left side: 10 mm (top), 180 mm (middle), 50 mm (bottom).
- Right side: 25 mm (top), 180 mm (middle), 3520 mm (bottom).
- Internal vertical dimensions: 6 mm (top), 125 mm (middle), 3520 mm (bottom).

TABELLA MATERIALI											
PROFILI GFRP											
GRUPPO C (spessore 9 / 25 mm)											
Modulo di elasticità longitudinale a trazione		$E_{LT} = 29000 \text{ MPa}$									
Resistenza caratter. a trazione nella direzione longitudinale della fibra		$f_{t,LT} = 395 \text{ MPa}$									
Resistenza caratter. a rifollamento nella direzione longitudinale della fibra		$f_{t,pk} = 170 \text{ MPa}$									
Classe pali di fondazione VTR											
Modulo di elasticità longitudinale a trazione		$E_{LT} = 40000 \text{ MPa}$									
Resistenza caratter. a trazione nella direzione longitudinale della fibra		$f_{t,LT} = 600 \text{ MPa}$									
<table border="1"> <thead> <tr> <th>Profilo</th><th>Gruppo C</th><th>E40</th></tr> </thead> <tbody> <tr> <td>PU-200x60x10</td><td>X</td><td></td></tr> <tr> <td>PALI VTR</td><td></td><td>X</td></tr> </tbody> </table>	Profilo	Gruppo C	E40	PU-200x60x10	X		PALI VTR		X		
Profilo	Gruppo C	E40									
PU-200x60x10	X										
PALI VTR		X									
ACCIAIO PIASTRE DI CONNESSIONE Inox											
Classe di resistenza nominale:		S 220 (t <= 6 mm)									
Tensione caratteristica di snervamento:		$f_{yk} = 220 \text{ MPa}$									
Tensione caratteristica di rottura:		$f_{tk} = 520 \text{ MPa}$									
BULLONI E VITI INOX A2											
Tensione caratteristica di snervamento		$f_{yk} = 450 \text{ MPa}$									
Tensione caratteristica di rottura		$f_{tk} = 700 \text{ MPa}$									
CARICHI AGENTI SULLE STRUTTURE IN GFRP											
☒ Carico variabile - Cat. K: ☒ Carico variabile puntuale - Cat. K: ☒ Carico neve:		$q_k = 2,00 \text{ kN/m}^2$ $Q_k = 1,50 \text{ kN}$ $s_k = 1,20 \text{ kN/m}^2$									
☒ QUOTE E MISURE DA VERIFICARE IN CANTIERE											



DIRETTORE	DIREGENTE
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RESPONSABILE UNICO DEL PROGETTO	
Arch. Alice Maniero	
OGGETTO	
Piano Nazionale di Ripresa e Resilienza (PNRR) - Missione 2 Componente 2 Linea di investimento 4.1 (M2C2-4.1) - "Rafforzamento mobilità ciclistica" C.I. 15143 - "REALIZZAZIONE CICLOVIE URBANE - 2° LOTTO" CUP F71B22000900001	
FASE	
PERIZIA DI VARIANTE N. 2	

PERIZIA DI VARIANTE N. 2

The figure consists of two side-by-side horizontal bar charts. The left chart is titled 'PROGETTISTA' and the right chart is titled 'STRUTTURISTA'. Both charts have a vertical axis with 10 categories, each represented by a black bar. The length of each bar corresponds to a numerical value. The 'PROGETTISTA' chart shows values of 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10. The 'STRUTTURISTA' chart shows values of 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10.

Category	PROGETTISTA	STRUTTURISTA
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10

TITOLO						ELABORATO	
STATO DI PROGETTO STRUTTURALE PONTILE / PARTICOLARI COSTRUTTIVI						S401	
REVISIONE	DATA	OGGETTO	REDATTO	VERIFICATO	APPROVATO	SCALA:	
rev_00							
rev_01						prot. n.:	
rev_02	31/07/2025	VARIANTE 2				2308	
rev_03						NOME FILE:	
rev_04						S401- Stato di progetto strutturale _ VAR	

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rev_01						
rev_02	31/07/2025	VARIANTE 2				prot. n.:
rev_03						2308
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