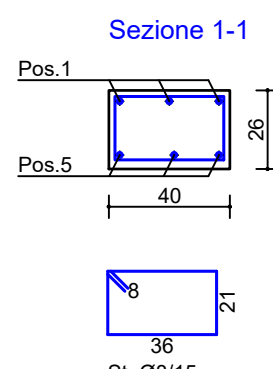


Technical drawing of a shaft with 16 steps. The drawing includes a side view and a top view. The side view shows the shaft with 16 steps, each with a diameter of 30.16 mm. The top view shows the shaft with 16 steps, each with a diameter of 30.16 mm. The drawing includes dimensions for the shaft diameter, step diameters, and step positions.

Dimensions and specifications:

- Shaft Diameter: 30.16
- Step Diameters: 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16, 30.16
- Step Positions: 30.16 L=700 Pos. 1, 30.16 L=700 Pos. 2, 30.16 L=700 Pos. 3, 30.16 L=700 Pos. 4, 30.16 L=700 Pos. 5, 30.16 L=700 Pos. 6, 30.16 L=700 Pos. 7, 30.16 L=700 Pos. 8, 30.16 L=700 Pos. 9, 30.16 L=700 Pos. 10, 30.16 L=700 Pos. 11, 30.16 L=700 Pos. 12, 30.16 L=700 Pos. 13, 30.16 L=700 Pos. 14, 30.16 L=700 Pos. 15, 30.16 L=700 Pos. 16



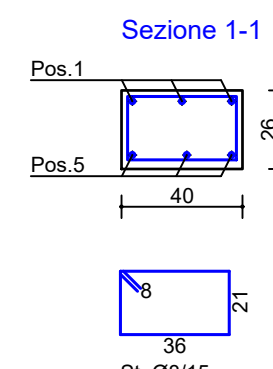
The drawing consists of two parts: a plan view (top) and an elevation view (bottom).

Plan View (Top):

- Shows the layout of the staircase with a central landing area.
- Dimensions include: 35, 17, 474.7, 514.2, 44, 431.8, 475.8, 44, 340.7, 380.2, 35, 523.6, 558.6, 35, 17.
- Labels: P3, P9, P15, P19, P27.
- Staffe Diam. Passo: 514.2, 514.2, 475.8, 380.2, 558.6.

Elevation View (Bottom):

- Shows the profile of the staircase with steps and a handrail.
- Dimensions include: 280, 30, 3016 L=420 Pos.1, 353, 266, 3016 L=570 Pos.3, 304, 228, 3016 L=650 Pos.4, 422, 3016 L=325 Pos.5, 200, 16, 3016 L=505 Pos.6, 468, 155, 3016 L=585 Pos.7, 430, 153, 3016 L=700 Pos.8, 380, 167, 3016 L=535 Pos.9, 500.



Technical drawing of a bridge deck cross-section showing reinforcement details. The drawing includes a top view of the deck with reinforcement bars (P25 to P30) and a side view showing the deck profile and reinforcement layout. Dimensions are provided in millimeters (mm) and centimeters (cm).

Top View Dimensions (mm):

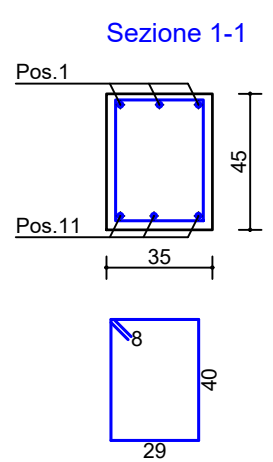
- Overall width: 590.8
- Reinforcement bar spacing: 50, 30.5, 545.5, 528, 545.5, 30.5, 590.8
- Reinforcement bar labels: P25, P26, P27, P28, P29, P30

Side View Dimensions (mm):

- Deck thickness: 25
- Reinforcement bar diameter: 10
- Reinforcement bar spacing: 50, 30.5, 545.5, 528, 545.5, 30.5, 590.8
- Reinforcement bar labels: P25, P26, P27, P28, P29, P30

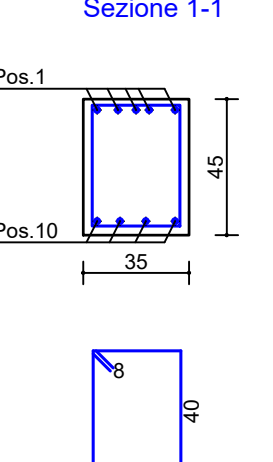
Reinforcement Details:

- Reinforcement bars are labeled P25, P26, P27, P28, P29, and P30.
- Reinforcement bars are shown in cross-section and side view.
- Reinforcement bars are shown in top view with dimensions.
- Reinforcement bars are shown in side view with dimensions.

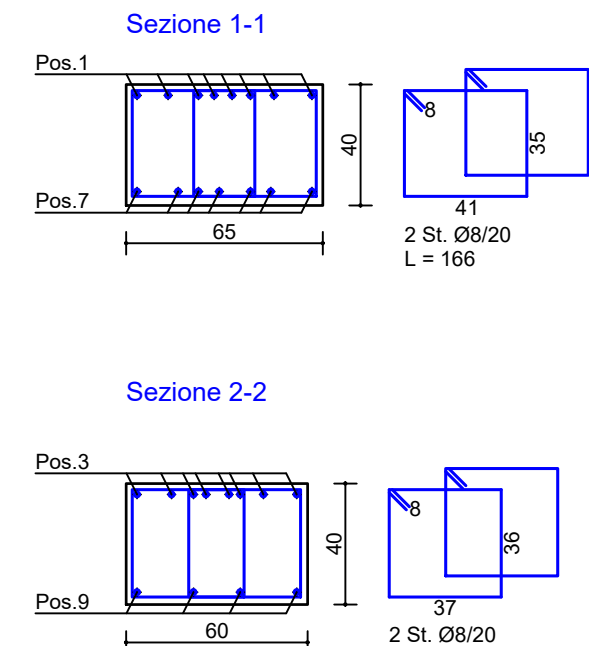


The drawing illustrates a staircase with the following specifications:

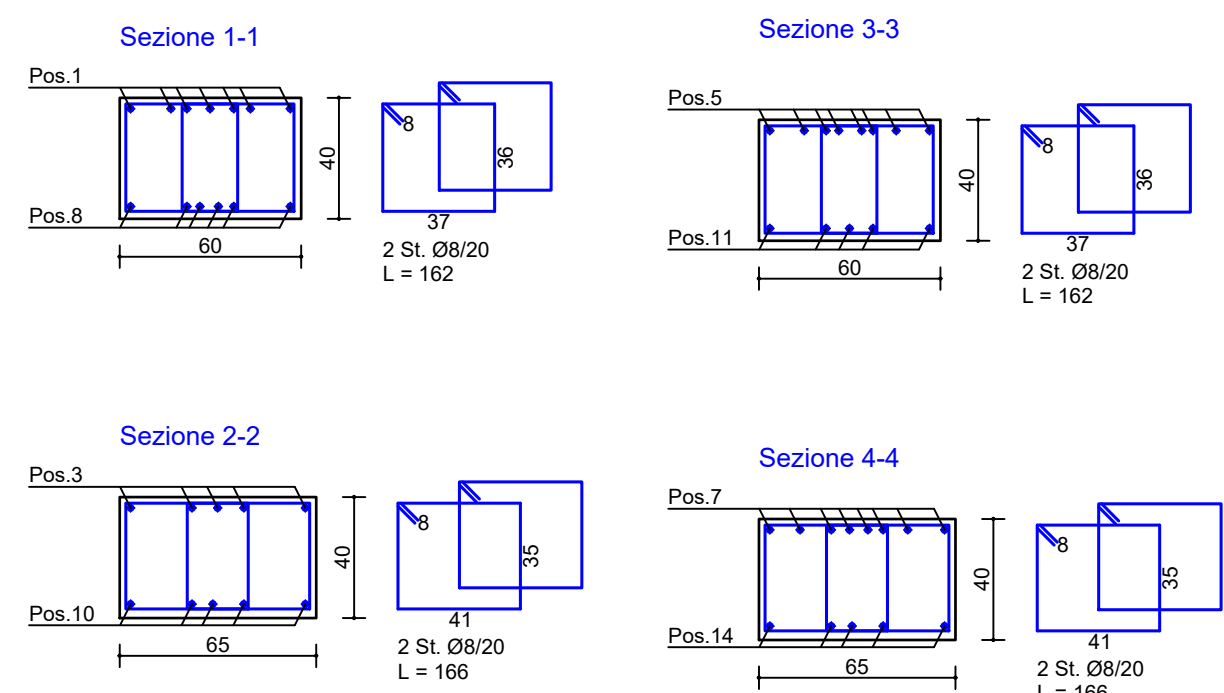
- Plan View (Top):** Shows the layout of the staircase with 17 treads. Key points are labeled P1, P7, P13, P19, and P25. Dimensions include:
 - Tread lengths: 44, 485.6, 31.6, 425.8, 50, 550.2, 50, 296.1, 35.
 - Riser heights: 22, 523.4, 466.6, 600.2, 338.6, 17.
- Elevation View (Bottom):** Shows the profile of the staircase with a total height of 19 units. Dimensions include:
 - Overall length: 5016 L=700 Pos. 2.
 - Individual tread lengths: 4016 L=450 Pos. 1, 284, 416, 202, 448, 502, 339, 19.
 - Riser heights: 167, 175, 182, 339.
 - Other dimensions: 391, 466, 398, 525, 15.



Technical drawing of a sewerage pipe section, 100m long. The drawing shows a plan view of the pipe with various fittings and manholes. The pipe is labeled with diameters and lengths. The fittings include 401, 432, 44, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. The manholes are labeled with diameters and lengths. The drawing also shows the connection to the existing sewerage system at the end of the section.



The drawing illustrates a sewerage network layout. A main line runs horizontally across the top, featuring manholes P19, P20, P21, P22, and P23. Below this main line, several branches are shown, each with a specified pipe diameter (Ø16), length (L), and position (Pos.). The branches are labeled with flow rates (e.g., 500.8, 517.6, 526, 558) and pipe diameters (e.g., Ø16, Ø15, Ø14). The layout includes various pipe segments, manholes, and a detailed view of a manhole structure on the right side.



CAUCESTRUZZO	Rck	Slump	Classe exp.	Ø max. (nerti)
fondazioni	30	5-4	X/C2	3 cm
placati, travi, sola	30	5-4	X/C1	2 cm
nerti/fondazione	30	5-4	X/C2	2 cm

ACCAIO B450C		fyx	4300	kg/cmq
RETE ELETTROSALDATA AD ALTA DUTTILITÀ FeB44k		fyx	4300	kg/cmq
ALLUNGAMENTO (A10)			> 8%	

RICOPRIMENTO CLS: fondazioni: 3 cm
 placati, travi, sola: vedi sezioni

INTERFERRO: min. 2 cm per barre fino al Ø20
 oltre, pari al Ø barra

SOVRAPPOSIZIONI FERRI CORRENTI: 100 cm minimo, salisate, vedi sezioni

SOVRAPPOSIZIONI RETI: 40 cm minimo (2 maglie)

DIAMETRO DI PEGATURA ARMATURE LONGITUDINALI: 100 mm

DIAMETRO DI PEGATURA STIAFFE: 40 mm

NON ABBANDONARE ALCUN GETTO SENZA IL BENESTARE DELLA D.I.L.

NON AGGIUNGERE ALCUN ALLIMPAVO PRIMA DEL GETTO

OGNI GETTO DEVE ESSERE OPPORTUNAMENTE VIBRATO

PROVE SUI MATERIALI

Le prove su materiali e sulle strutture dovranno avvenire secondo quanto prescritto dalla normativa vigente.

Per ogni getto prelevare e conservare minimo 3 provini a cis e 2 sezioni di barra per ogni diametro impiegato.



Finanziamento dell'Unione europea - NextGenerationEU. Intervento finanziato con l'avviso n 48038 del 02/12/2021 del PNRR Missione 4: Istruzione e Ricerca Componente 1 - Potenziamento dell'offerta dei servizi di istruzione:dagli asili nido alla università Intervento 1.2 "Piano di estensione del tempo pieno e mense".

I punti di vista e le opinioni espresse sono tuttavia solo quelli degli autori e non riflettono necessariamente quelli dell'Unione europea e della Commissione europea. Né l'Unione europea né la Commissione europea possono essere ritenute responsabili per essi.



COMMITTENTE
COMUNE DI PALOSCO
Provincia di Bergamo



WeProject s.r.l.

Management for urban development

Via Valtellina, 6
20159 Milano
tel +39 02 4800275
mobile +39 36662743
i.bresciani@weproject
www.weproject.it

P. IVA 07077100969



COMMITTENTE

	DESCRIZIONE
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REALIZZAZIONE DELLA NUOVA MENSA A SERVIZIO
DELLA SCUOLA PRIMARIA "SUOR VITAROSA ZORZA" E
DELLA SCUOLA SECONDARIA DI I GRADO "F.LLI
TERZI" - PALOSCO (BG)
Progetto definitivo - esecutivo

DATA Gennaio 2023	TAV. N. S04	CONTENUTO TAVOLA TRAVI SOLAIO COPERTURA
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RISERVATO AGLI UFFICI

Ing. Silvia Rossi
Ing. Zeudi Bergomi
Ing. Sergio Consolandi

Ing. Ilaria Brescia
TEAM DI PROGETTAZIONE:
Ing. Matteo Berto
Ing. Marie Fiocco

A 3374
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