

Technical drawing of a building facade showing a long wall with a series of vertical elements and a roofline. The drawing includes dimensions for the wall height (240), roof height (70), and various vertical and horizontal measurements. The wall is divided into sections with different heights and widths. The roof is shown as a series of vertical lines. The drawing is oriented horizontally, with the wall on the left and the roof on the right.

Dimensions and labels:

- Wall height: 240
- Roof height: 70
- Vertical dimensions (from top to bottom):
 - 24
 - Ø12/100 L=272 (3)
 - 250
 - 24
 - Ø12/25 L=272
 - 250
 - 24
 - Ø12/25 L=194
 - 170
 - 24
 - Ø12/25 L=272
 - 248
 - Ø12/100 L=272 (1)
 - 248
 - Ø12/25 L=194
 - 38
 - 40
 - 106
 - 30
 - Ø12/25 L=104
 - 106
 - 30
- Horizontal dimensions (from left to right):
 - 1600
 - 30
 - 1600
 - 30
 - 1600
 - 30
 - 1600
 - 30
 - 1600
 - 30
- Roof dimensions (from left to right):
 - 1137
 - 1137
 - 1137
 - 1137
 - 1137
 - 1137
 - 1137
 - 1137
 - 1137
 - 1137
- Roof height (from bottom to top):
 - 63
 - 63
 - 63
 - 63
 - 63
 - 63
 - 63
 - 63
 - 63
 - 63
- Roof width (from left to right):
 - 1016/20 L= 1200
 - 1016/20 L= 414
 - 1016/20 L= 1200
 - 1016/20 L= 414
 - 1016/20 L= 1200
 - 1016/20 L= 414
 - 1016/20 L= 1200
 - 1016/20 L= 414
 - 1016/20 L= 1200
 - 1016/20 L= 414

Technical drawing of a rectangular reinforced concrete slab (L.1) with dimensions and reinforcement details.

Overall Dimensions:

- Length: 1137
- Width: 290
- Thickness: 70

Reinforcement Details:

- Top Reinforcement:**
 - Longitudinal: $\phi 12/100 L=274 (1)$
 - Transverse: $\phi 12/25 L=104$
- Bottom Reinforcement:**
 - Longitudinal: $1\phi 16/20 L=1200$
 - Transverse: $\phi 12/25 L=104$

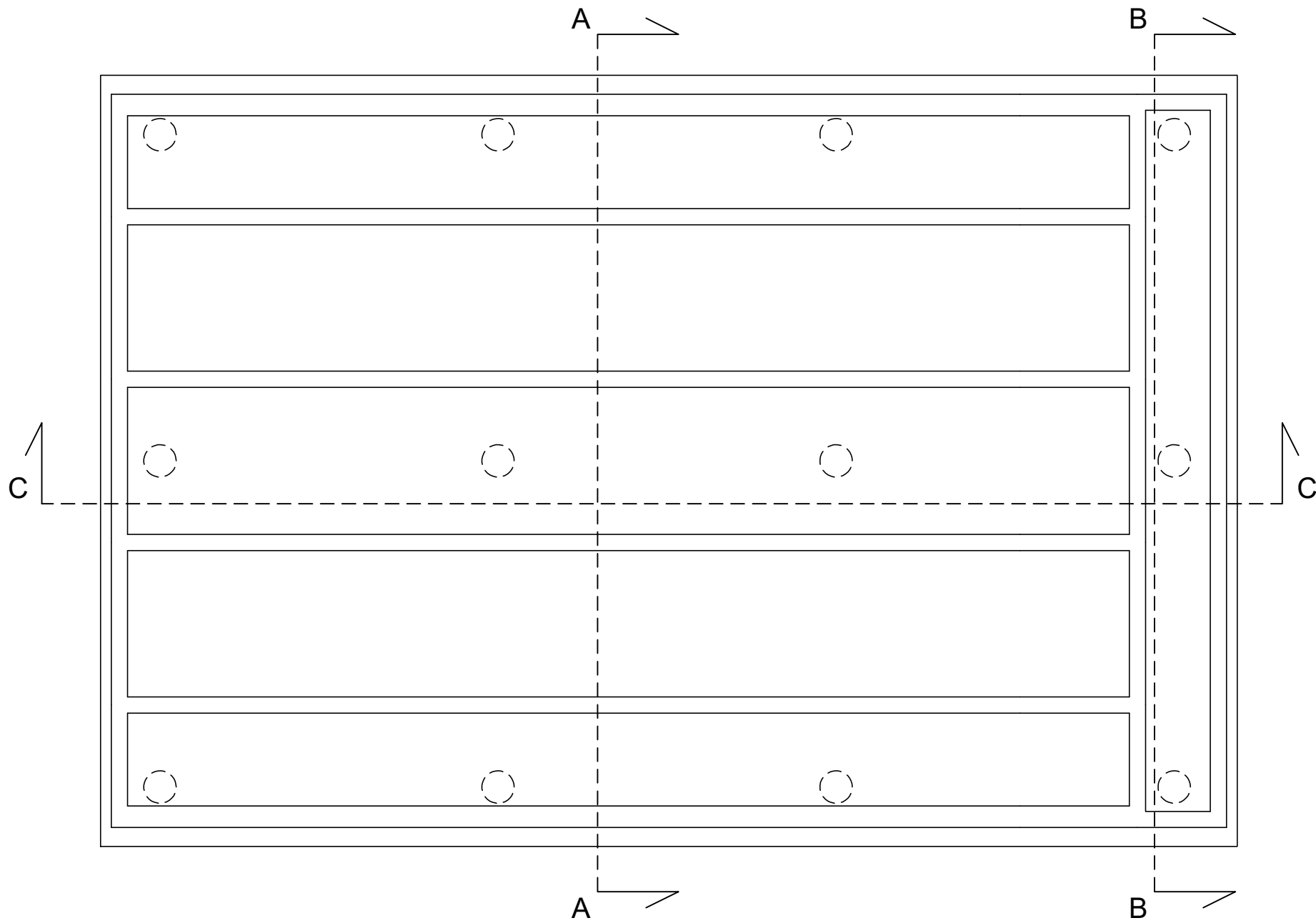
Structural Details:

- Three cross-sections are shown, each with a width of 30 and a height of 1650.
- The slab is supported by three walls, each with a width of 30 and a height of 1650.

The drawing illustrates a reinforced concrete slab (Losa) with the following specifications:

- Top View (Plan):** Shows a rectangular slab with a width of 30 units. The length is divided into two sections: 1137 units (left) and 1023 units (right). The total length is 2160 units. The slab is supported by four columns. The distance between the first and second column is 1600 units, and the distance between the third and fourth column is 1600 units. The slab is reinforced with Ø12/20 bars at L=312 and Ø12/20 bars at L=147.
- Side View (Elevation):** Shows the slab's profile with a total thickness of 70 units. The slab is supported by four columns. The distance between the first and second column is 1600 units, and the distance between the third and fourth column is 1600 units. The slab is reinforced with Ø12/20 bars at L=312 and Ø12/20 bars at L=147.
- Reinforcement Details:** The slab is reinforced with Ø12/20 bars at L=312 and Ø12/20 bars at L=147. The reinforcement is shown in the top view as a grid of bars.

Figure 1 shows two schematic diagrams of a three-layered structure. The top diagram shows a central layer of thickness 127, with a top layer of thickness 147 and a bottom layer of thickness 127. The total height is 24. The bottom diagram shows a central layer of thickness 127, with a top layer of thickness 147 and a bottom layer of thickness 127. The total height is 24. The diagrams are labeled with dimensions: 24, 127, 147, 127, 20, 288, and Ø12/25.

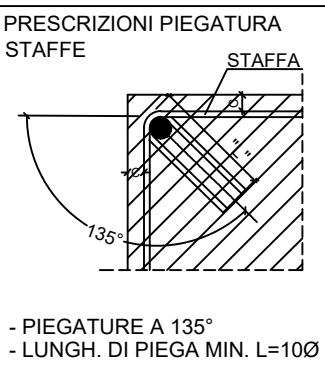


CARATTERISTICHE DEI MATERIALI		
CLASSE CALCESTRUZZO	FONDAZIONE - ELEVAZIONE	C 32/40
	PALI DI FONDAZIONE	C 25/30
ACCIAIO BARRE		B 450 C
CLASSE DI ESPOSIZIONE		XC 2
MASSIMO RAPPORTO A/C		0.60
DIAMETRO MASSIMO INERTE		25 mm
COPRIFERRO MINIMO		2,5 cm
CLASSE DI CONSISTENZA		S4
CONTENUTO MINIMO DI CEMENTO		300 kg/m3
UNITA' DI MISURA		
CARPENTERIE IN "m"		
FERRI D'ARMATURA IN "cm"		

ACCIAIO IN BARRE PER CALCESTRUZZO ARMATO:
 -B450C saldabile (par. 11.3.2.1 NTC 2018)
 -Tensione caratteristica di snervamento: $f_{yk} \geq 450 \text{ N/mm}^2$
 -Tensione caratteristica di rottura: $f_{tk} \geq 540 \text{ N/mm}^2$
 -Allungamento $A_s \geq 12 \%$.

ACCIAIO IN RETI ELETTROSALDATE PER CALCESTRUZZO ARMATO
come da prescrizioni della normativa vigente.

Caratteristiche		Requisiti	Fratte (%)
Tensione caratteristica di snervamento	f_{yk}	$\geq f_{yk nom}$	5,0
Tensione caratteristica a carico massimo	f_{tk}	$\geq f_{tk nom}$	5,0
	(f_t/f_{yk})	$\geq 1,15$	10,0
		$< 1,35$	
	$(f_t/f_{yk nom})$	$\geq 1,25$	10,0
Allungamento	(A_{gh})	$\geq 7,5\%$	10,0
Diametro del mandrino per prove di piegamento a 90° e successivo raddrizzamento senza cricche:	$\varnothing < 12 \text{ mm}$	4 $\varnothing$	
	$12 \leq \varnothing \leq 16 \text{ mm}$	5 $\varnothing$	
	$16 \leq \varnothing \leq 25 \text{ mm}$	8 $\varnothing$	
	$25 \leq \varnothing \leq 40 \text{ mm}$	10 $\varnothing$	



Committente	Progettista indicato	Mandataria
 CITTA' DI FERMO Settore IV e V Lavori Pubblici, Protezione Civile, Ambiente, Urbanistica, Patrimonio, Contratti e Appalti via Mazzini 4 63200 - Fermo (FM) DOTT. Mauro Fortuna RUP	 OWAC ENGINEERING COMPANY via Rusticana 360 50045 - Palermo OWAC Engineering Company s.r.l. ING. Rocco Martello Direttore Tecnico	 via del Cardellino 22 70022 - Altamura (BA) EDICALTO s.r.l. DOTT. Angelantonio Disabato Socio Mandante
 via Bona di Caporaso 3 46024 - Asola (MN) ANAGRIA s.r.l. DOTT. Andrea Parisi Instatore		