

PIANTA FONDAZIONI
Scala 1 : 50

Dimensions and labels:

- Top width: 1.80
- Left wall height: 1.20
- Right wall height: 1.20
- Central foundation width: 1.40
- Central foundation height: 5.50
- Vertical wall height: 11.00
- Vertical wall width at base: 1.80
- Horizontal wall width: 5.00
- Angles: 30°, 35°, 35.81°, 35.5°
- Labels: MURO "A", MURO "B", MURO "C", MURO "D"
- Other labels: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

SEZIONE LONGITUDINALE A-A
Scala 1 : 50

The diagram shows a longitudinal section of a concrete structure. The total length is 17.37 meters. The structure has a total height of 2.50 meters, with a base thickness of 0.30 meters and a top slab thickness of 0.15 meters. The main body height is 2.05 meters. The structure is divided into two main sections by a vertical wall. The left section has a width of 4.90 meters, and the right section has a width of 12.47 meters. The vertical wall has a width of 0.30 meters. The structure is reinforced with steel bars, with a diameter of 10mm indicated. The reinforcement is shown as circles with dots, with a spacing of 200mm. The structure is also shown with a cross-section B-B, which is a rectangular section with a width of 0.30 meters and a height of 2.50 meters. The cross-section B-B is located at the left end of the structure. The cross-section C-C is located at the right end of the structure. The cross-section C-C is a rectangular section with a width of 0.30 meters and a height of 2.50 meters. The cross-section C-C is located at the right end of the structure. The cross-section C-C is a rectangular section with a width of 0.30 meters and a height of 2.50 meters. The cross-section C-C is located at the right end of the structure.

PROSPETTO MURO ANDATORE "A"
 Scala 1 : 50

Technical drawing showing the elevation of a sloped wall (Muro Andatore "A") with dimensions in meters (m). The drawing includes a sloped top surface and a horizontal dashed line indicating a level at 0.10m from the base.

Dimensions (m):

- Total height: 1.20
- Base width: 0.30
- Top width: 0.10
- Sloped top surface height (left): 0.24
- Sloped top surface height (right): 0.20
- Horizontal dashed line height: 0.10

PROSPETTO MURO ANDATORE "B"
Scala 1 : 50

Technical drawing showing the elevation of a retaining wall (Muro) with dimensions in meters (m). The drawing includes a front view (top) and a side view (bottom).

Front View (Top):

- Top width: 0.50 m
- Base width: 1.00 m
- Height: 2.00 m (divided into 0.50 m and 1.50 m sections)
- Top edge slope: 1:0.41
- Base edge slope: 1:0.70
- Side view label: D

Side View (Bottom):

- Top width: 0.50 m
- Base width: 1.00 m
- Height: 2.00 m (divided into 0.50 m and 1.50 m sections)
- Top edge slope: 1:0.41
- Base edge slope: 1:0.70
- Side view label: D

Labels:

- MUR
- D

CARATTERISTICHE DEI MATERIALI	
CONFORME AL D.M. 14/01/2008 E ALLE NORME EUROPEE IN USO	
- CALCESTRUZZO FONDAZIONE CONGLOMERATO CEMENTIZIO CLASSE DI RESISTENZA C28/35 $f_{ck} \geq 35 \text{ N/mm}^2$; $f_{ctm} \geq 2.8 \text{ N/mm}^2$ CLASSE DI COSTRUZIONE AL GETTO S4 (SLUMP 15-20) CLASSE DI ESPOSIZIONE: XC2 (EN 12390-2) RAPPORTO ACQ./MAX-60 DIAMETRO RETICOLO 12 mm COPRIFERRO NETTO 40 mm	- COMPONENTI CLS mem: CONFORME ALLA NORMA UNI 8208 RELATIVAMENTE A: a) CONTENUTO DI SOLI CLORURI (EN 12441) b) CONTENUTO DI COTRATTURE (EN 17741) c) EQUIVALENTE DI SABBIA E AGGREGATO DI BULI (EN 12620 EN 9393-8) ACQUA: CONFORME ALLA NORMA UNI 1008 CEMENTO: CM 32,5 R CONFORME ALLA NORMA UNI 10971 ADDITIONI: È CONSENTITO L'IMPIEGO DI TUTTI GLI ADDITIVI PER IMPOSTI CEMENTI PREVISTI DALLA NORMA UNI 7001 E CONFORMI ALLA PARTE ARMONIZZATA DELLA EN 934-2
- CALCESTRUZZO ELEVAZIONI E SOLETTE CONGLOMERATO CEMENTIZIO CLASSE DI RESISTENZA C28/35 $f_{ck} \geq 35 \text{ N/mm}^2$; $f_{ctm} \geq 2.8 \text{ N/mm}^2$ CLASSE DI COSTRUZIONE AL GETTO S4 (SLUMP 15-20) CLASSE DI ESPOSIZIONE: XC2 (EN 12390-2) RAPPORTO ACQ./MAX-60 DIAMETRO RETICOLO 24 mm COPRIFERRO NETTO 40 mm	- ACCIAIO PER ARMATURE ACCIAIO IN BARRA: ACCIAIO INGRUATO, CONTROLLATO IN STABILIMENTO TIPO. S80C (LUNGHEZZA A CALDO), SALDABILE $f_{yk} = 500 \text{ N/mm}^2$; $f_{tk} = 450 \text{ N/mm}^2$ $1.15 \leq f_{yk}/f_{tk} \leq 1.35$ VALORE CARATTERISTICO DEL RAPPORTO) $(f_{yk}/f_{tk} = 1.15 \text{ VALORE CARATTERISTICO DEL RAPPORTO})$ ALLUNGAMENTO UNIFORME AL CARICO MAX. ($A_{gk} \geq 7.5\%$)
- MAGRONE CONGLOMERATO CEMENTIZIO CLASSE DI RESISTENZA C12/15 $f_{ck} \geq 15 \text{ N/mm}^2$	

Inerti: CONFORMI ALLA UNI 9520/2 RELATIVAMENTE A:
A) CONTENUTO DI SOLFATI (UNI EN 1744/1)
B) CONTENUTO DI CLORURI (UNI EN 1744/1)
C) EQUIVALENTE DI SABBIA E VALORE DI BLU
(UNI EN 993/8-9)

Inerti: CONFORMI ALLA UNI 9520/2 RELATIVAMENTE A:
A) CONTENUTO DI SOLFATI (UNI EN 1744/1)
B) CONTENUTO DI CLORURI (UNI EN 1744/1)
C) EQUIVALENTE DI SABBIA E VALORE DI BLU
(UNI EN 993/8-9)

CEMENTO: CEM I 32,5 R CONFORME AL

ACCIAIO IN BARRE ADERENZA MIGLIORATA, CONTROLLATA
IN STABILIMENTO, TIPO:
B450C (LAMINATO A CALDO), SALDABILE
 $f_{t, \text{nom}} = 540 \text{ N/mm}^2$; $f_{y, \text{nom}} = 450 \text{ N/mm}^2$
 $1.15 \leq (f_{t,k} / f_{t, \text{nom}}) \leq 1.35$ (VALORE CARATTERISTICO DEL RAPPO

1,15 $\leq (f_1/f_2)_k \leq 1,35$ (VALORE CARATTERISTICO DEL RAPPORTO
(f_1/f_2)_{nom}) $_k \leq 1,25$ (VALORE CARATTERISTICO DEL RAPPORTO
ALLUNGAMENTO LINEARE AL CARICO MAX (ϵ)- $k \geq 7,5\%$)

SEZIONE C-C
Scala 1 : 50

Technical drawing showing a cross-section (SEZIONE C-C) of a mechanical part. The drawing includes dimensions in millimeters (mm) and a scale of 1:50.

Key dimensions and features:

- Overall height: 270 mm
- Top flange thickness: 10 mm
- Inner vertical wall thickness: 10 mm
- Bottom flange thickness: 10 mm
- Central hole diameter: Ø60 mm
- Bottom flange width: 80 mm
- Top flange width: 80 mm
- Section lines and section symbol 'A-A' are indicated.

SEZIONE D-D

Scaia 1 : 50

Technical drawing showing the cross-section (SEZIONE D-D) of the Scaia 1 : 50. The drawing includes dimensions for the wall and floor assembly.

Vertical dimensions (from top to bottom):

- 1.66/2.32
- 1.25/1.75
- 0.10
- 0.10

Horizontal dimensions (from left to right):

- 0.10
- 1.17/30/351
- 0.60
- 1.17/10
- 1.25

A detail of the wall and floor assembly is shown, with a brick layer indicated by a hatched pattern and a concrete slab indicated by a solid grey area. The wall thickness is 0.10, and the floor thickness is 0.10.

[illegible]