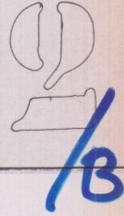


Ristrutturazione di un fabbricato ad uso uffici e civile abitazione sito in Carrara Via Ulivi angolo Via Carour.

Proprietari Nardi Egisto
Bordigoni Gina

Calcolo dei Volumi



13 MAR. 1987

10 APR. 1987

DAZZI Ing. ALBERTO
Via F. Cavallotti, Marina di Carrara
Tel. 059/76265
C.F. 02210738R31 B832R
P. IVA. 00117600452

2 SOLUZIONE

COMMISSIONE INTERCOMUNALE BENI AMBIENTALI n. 2
riunione n. 14 del 16-6-1987
parere contrario
Il Presidente

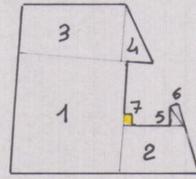
APPROVATO
30 APR. 1988
CONTROLLATO
IL TECNICO

STATO DI FATTO

Piano interrato

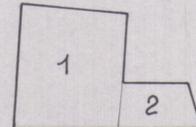
1) $(5.00+4.30)/2 \times 7.00 = \text{mq } 32.55 \times 1.55 = \text{mc } 50.45$
 $170.24 + 63.10 = 233.34 \times 0.50 = \text{mc } 116.67$
 $Mq = 265.89 \quad Mc = 167.12$

Piano terra



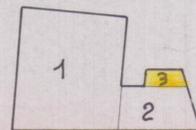
1) $(14.46+13.61)/2 \times 12.13 = \text{mq } 170.24 \times 4.12 = \text{mc } 701.39$
 2) $(9.20+8.00)/2 \times 5.27 = \text{mq } 45.32 \times 3.93 = \text{mc } 178.10$
 3) $(5.12+5.95)/2 \times 11.40 = \text{mq } 63.10 \times 3.93 = \text{mc } 247.98$
 4) $5.95 \times 2.90/2 = \text{mq } 8.63 \times 3.93 = \text{mc } 33.91$
 5) $2.85 \times 2.49/2 = \text{mq } 3.55 \times 3.93 = \text{mc } 13.95$
 6) $2.07 \times 3.14/2 = \text{mq } 3.25 \times 3.93 = \text{mc } 12.77$
 $Mq = 294.09 \quad Mc = 1198.10$
 7) $1.46 \times 1.75 = \text{mq } 2.56 \times 3.93 = \text{mc } 10.06$

1° piano



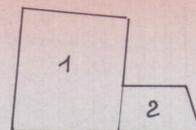
1) $(14.46+13.61)/2 \times 12.13 = \text{mq } 170.24 \times 3.61 = \text{mc } 614.56$
 2) $(9.20+8.00)/2 \times 5.27 = \text{mq } 45.32 \times 3.80 = \text{mc } 172.15$
 $Mq = 215.56 \quad Mc = 786.71$

2° piano



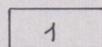
1) $\text{mq } 170.24 \times 3.00 = \text{mc } 510.72$
 2) $\text{mq } 45.32 \times 3.00 = \text{mc } 135.96$
 $Mq = 215.56 \quad Mc = 646.68$
 3) $(5.00+4.40)/2 \times 1.60 = \text{mq } 7.82 \times 3.93 = \text{mc } 30.83$

Sottotetto



1) $\text{mq } 170.24 \times 1.70 = \text{mc } 289.41$
 2) $\text{mq } 45.32 \times 2.50 = \text{mc } 113.30$
 $Mq = 215.56 \quad Mc = 402.71$

Soppalco sottotetto



1) $4.64 \times 11.30 = \text{mq } 52.43 \times 2.80 = \text{mc } 146.80$

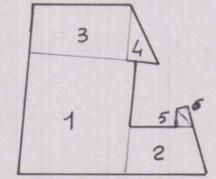
Volume totale interrato mc 167.12
 Volume totale elevato mc 3285.35
 Volume totale Mc 3450.47
 Volume totale demolito Mc = 33.14
 Volume totale complessivo Mc = 3483.61

STATO DI PROGETTO

Piano interrato

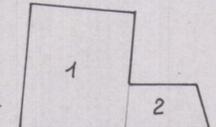
1) $\text{mq } 32.55 \times 1.55 = \text{mc } 50.45$
 $\text{mq } 233.34 \times 0.50 = \text{mc } 116.67$
 $Mq = 265.89 \quad Mc = 167.12$

Piano terra



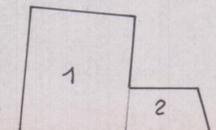
1) $\text{mq } 170.24 \times 4.12 = \text{mc } 701.39$
 2) $\text{mq } 45.32 \times 4.12 = \text{mc } 186.72$
 3) $\text{mq } 63.10 \times 3.93 = \text{mc } 247.98$
 4) $\text{mq } 8.63 \times 3.93 = \text{mc } 33.91$
 5) $\text{mq } 3.55 \times 4.12 = \text{mc } 14.62$
 6) $\text{mq } 3.25 \times 4.12 = \text{mc } 13.39$
 $Mq = 294.09 \quad Mc = 1198.01$

1° piano



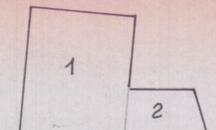
1) $\text{mq } 170.24 \times 3.33 = \text{mc } 566.90$
 2) $\text{mq } 45.32 \times 3.33 = \text{mc } 150.91$
 $Mq = 215.56 \quad Mc = 717.81$

2° piano



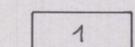
1) $\text{mq } 170.24 \times 3.00 = \text{mc } 510.72$
 2) $\text{mq } 45.32 \times 3.00 = \text{mc } 135.96$
 $Mq = 215.56 \quad Mc = 646.68$

Sottotetto



1) $\text{mq } 170.24 \times 2.55 = \text{mc } 434.11$
 2) $\text{mq } 45.32 \times 2.55 = \text{mc } 115.56$
 $Mq = 215.56 \quad Mc = 549.67$

Soppalco sottotetto



1) $4.64 \times 11.30 = \text{mq } 52.43 \times 3.00 = \text{mc } 157.29$

Volume totale interrato mc 167.12
 Volume totale elevato mc 3289.94
 Volume totale Mc 3448.06