22 FEB 1991

MANFREDO BIANCHI
Ingegnere
u β

STUDIO TECNICO
CARRARA via Don Minzoni n° 21a
MONTIGNOSO via Romana est n° 4
tel. 0585-776483

TAV. n° 2
data :

PROPRIETA' :
rossi - ulivi
caleo teresita

LOCALITA' :

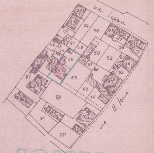
OGGETTO :
ristrutturazione e ampliamento
di c.a. sita in via nazario-sauro
marina di carrara

TITOLO : **progetto** scala 1/50

il Progettista :

Dott. Ing. MANFREDO BIANCHI

I SOLUZIONE



vie Lunense
vie N. Sauro
22
33
24
48
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66
67
68
341
87
88
89
86
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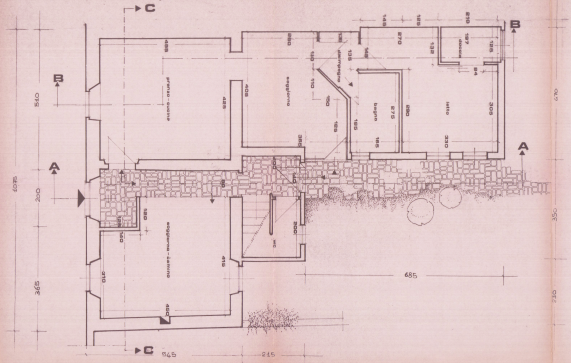
91
101
102
103

fg 104
mp 64-46

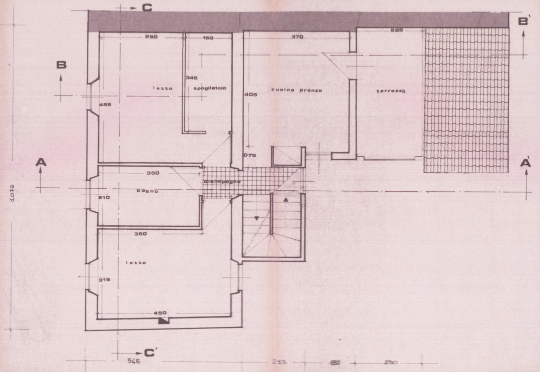
SOSPESO

Pianta Piano terra



C
B
A
pranzo-cucina
soggiorno
disimpegno
bagno
letto
doccia
soggiorno-camino
wc
455
425
260
408
366
145
125
210
270
132
197
125
84
305
330
280
275
165
185
150
110
130
510
200
365
1075
120
125
140
310
415
450
200
685
545
215

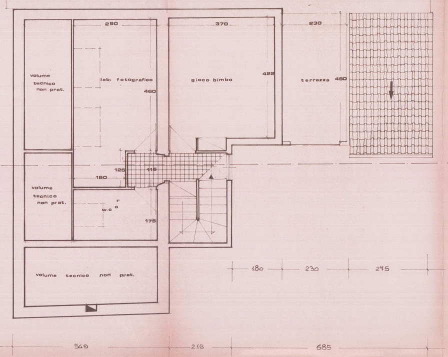
Pianta primo piano

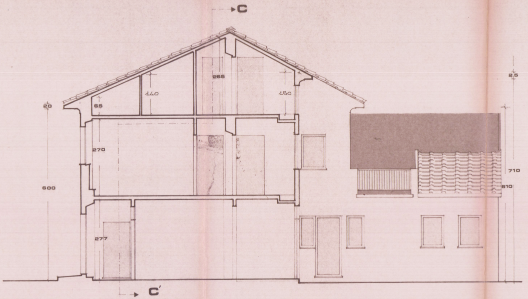


C
B
B'
A
A'
C'
letto
spogliatoio
cucina pranzo
terrazza
disimpegno
bagno
letto
290
160
370
225
345
405
455
075
350
210
350
315
450
1075
545
215
150
230

1075
350
230

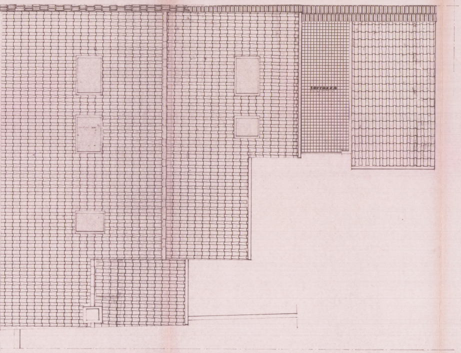
sotto tetto

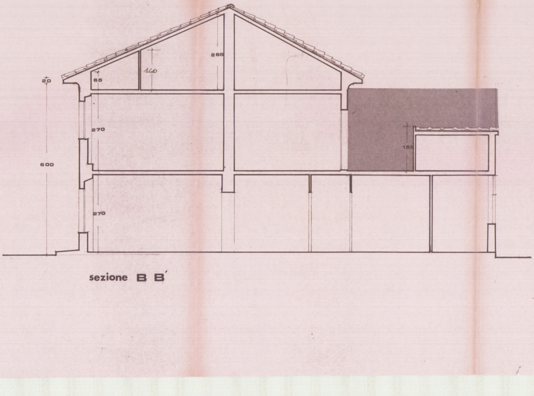

290
370
230
volume tecnico non prat.
lab. fotografico
460
gioco bimbo
422
terrazza
460
125
115
180
volume tecnico non prat.
w.c.
175
volume tecnico non prat.
180
230
275
545
215
685


C
265
140
150
65
20
25
270
600
710
610
277
C'

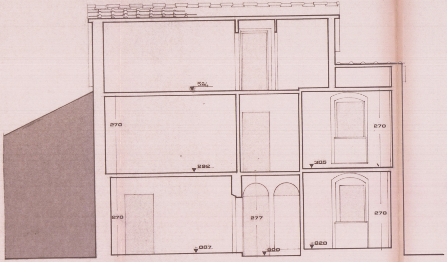
sezione A A'

copertura

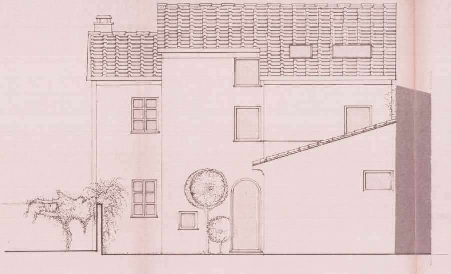



265
140
65
20
270
600
155
270

sezione B B'

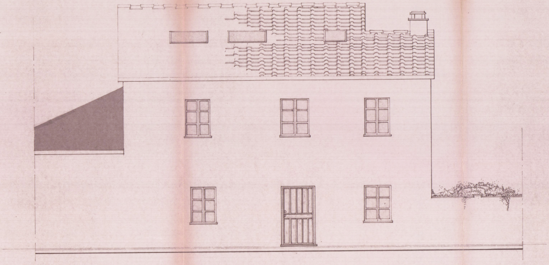

584
270
270
292
305
270
270
277
270
±007
±000
±020

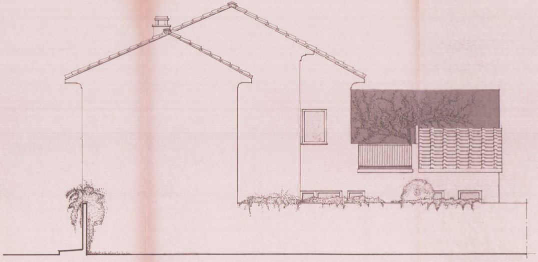
sezione- C C'



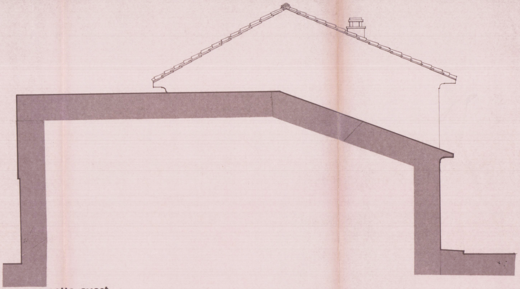
prospetto nord

prospetto sud

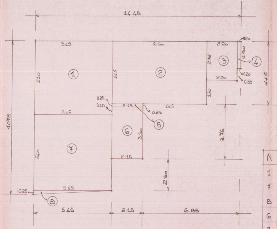




prospetto est



prospetto ovest

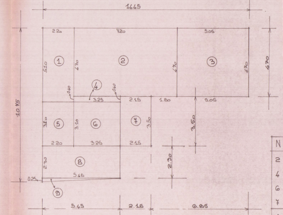

14.45
5.45
6.60
2.20
0.20
1.90
2.75
①
②
③
④
0.20
2.20
0.85
4.45
5.10
4.45
1.90
0.25
0.40
2.15
4.45
0.25
⑤
5.45
⑥
3.50
2.76
⑦
5.40
2.15
2.30
10.75
0.25
5.45
⑧
5.45
2.15
6.85

STATO DI FATTO

N	SUPERFICI mq.	ALTEZZE	VOLUMI mc.
1	5.10 x 5.45 = 27.80	6.00	57.91 x 6.00 = 347.5
7	5.40 x 5.45 = 29.43		
8	(5.45 x 0.25)/2 = 0.68		
6	3.50 x 2.15 = 7.52	5.00	7.52 x 5.00 = 37.6
3	2.20 x 2.75 = 6.05	2.55	6.43 x 2.55 = 16.4
4	1.90 x 0.20 = 0.38		
2	6.60 x 4.45 = 29.37	3.325	29.91 x 3.325 = 99.5
5	2.15 x 0.25 = 0.54		

101.77

VOLUME TOT. 501 mc.


1445
2.20
7.20
5.05
①
②
③
5.10
4.70
4.70
4.70
4.70
④
0.40
0.40
3.25
2.15
1.80
5.05
⑤
⑥
⑦
3.10
3.10
3.50
3.50
2.20
3.25
2.15
⑧
2.30
2.30
5.65
10.75
0.25
⑨
5.45
2.16
6.85

STATO DI PROGETTO

N	SUPERFICI mq.	ALTEZZE	VOLUMI mc.
2	7.20 x 4.70 = 33.84	6.00	52.47 x 6.00 = 316.4
4	3.25 x 0.40 = 1.30		
6	3.10 x 3.25 = 10.08		
7	3.50 x 2.15 = 7.52		
1	2.20 x 5.10 = 11.22	6.00	31.25 x 6.00 = 187.5
5	2.20 x 3.10 = 6.82		
8	2.30 x 5.45 = 12.53		
9	(5.45 x 0.25)/2 = 0.68		
3	4.70 x 5.05 = 23.74	2.80	23.74 x 2.8 = 66.5
	SUPERFICIE TOT. 107.73 mq		VOLUME TOT. 570 mc.

VOLUME TOTALE DI AMPLIAMENTO 69.00 mc.

RAPPORTO DI ILLUMINAZIONE-U.A. prop. Rossi-Ulivi

vano mq.	sup.vano Mq.	1/8 min. consent.	sup.illum. mq.	Tot.sup.ill. mq.
cucina	16,00	2,00	0,90x1,2	2,76
soggiorno	29,50	3,68		5,48
ingresso				
camera	15,00	1,87		3,35
camera	14,00	1,75	1,40x1,25	1,75
camera				
camera				
bagno	7,35	0,91	1,00x1,30	1,30
~~bagno wc~~	1,89	0,23	0,60x0,65	0,39
doccia	5,07	0,63	0,8x1,1	0,88
v; acces.	15,60	1,95		4,32
v.acces.	15,60	1,95		4,32

RAPPORTO DI ILLUMINAZIONE-U.A. prop. Celep Teresita

vano mq.	sup.vano Mq.	1/8 min. consent.	sup.illum. mq.	Tot.sup.ill. mq.
cucina	19,33	2,41	Esistente	
soggiorno	14,26	1,78	3,05	3,05
ingresso				
camera	15,37	1,92	0,8x1,2x2	1,92
camera				
camera				
camera				
bagno	4,74	0,59	1,2x0,60	0,72
bagno				
doccia	2,68	0,35	0,55x1,25	0,68
v; acces.				
v.acces.				