Comune di Salerno
PUA di iniziativa privata

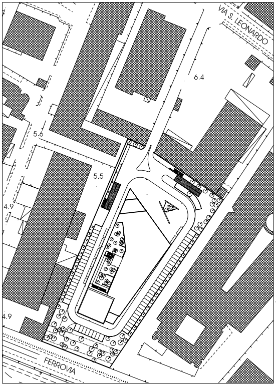
Ristrutturazione Urbanistica
area "De Angelis s.r.l." via San Leonardo n° 42

Proponente: De Angelis s.r.l.

Progetto: Ing. Roberta Di Giuda
arch. Bruno Lambiase

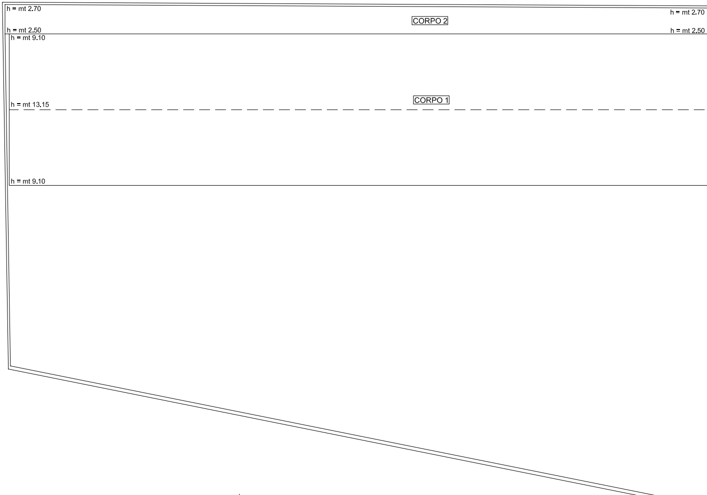
collaborazione al progetto: arch. Sergio Santomauro
geologo: dr. Sergio Migliozzi
direzione lavori: Ing. Roberta Di Giuda - arch. Bruno Lambiase
rilievo: geom. Mario Somma

elaborato S.F.4: stato di fatto
- calcolo piano volumetrico 1:200

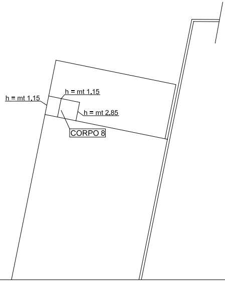

VIA S. LEONARDO
6.4
5.6
5.5
4.9
4.9
FERROVIA

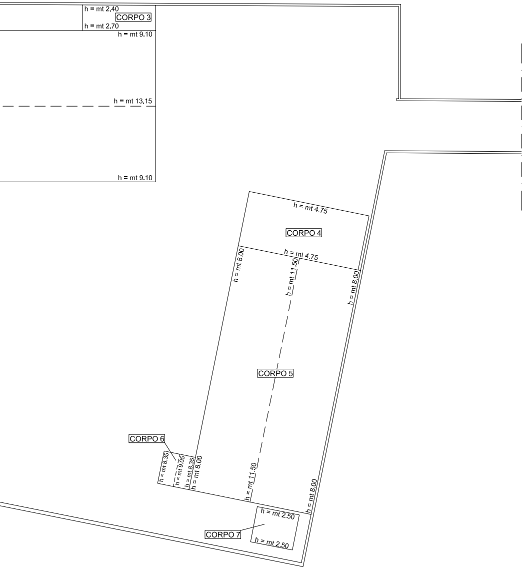
PLANIMETRIA scala 1:1000

PIANO TERRA


h = mt 2.70
CORPO 2
h = mt 2.70
h = mt 2.50
h = mt 2.50
h = mt 9.10
CORPO 1
h = mt 13.15
h = mt 9.10

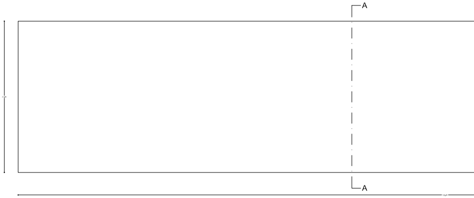
PIANTA COPERTURA


h = mt 1.15
h = mt 1.15
h = mt 2.85
CORPO 8


h = mt 2,40
CORPO 3
h = mt 2.70
h = mt 9.10
h = mt 13.15
h = mt 9.10
h = mt 4.75
CORPO 4
h = mt 4.75
h = mt 8.00
h = mt 11.50
h = mt 8.00
CORPO 5
CORPO 6
h = mt 8.35
h = mt 9.05
h = mt 8.35
h = mt 8.00
h = mt 11.50
h = mt 8.00
h = mt 2.50
CORPO 7
h = mt 2.50

CORPO 1

PIANTA



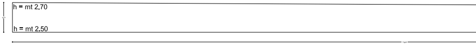
SUPERFICIE COPERTA

120.35 x 21.35 = mq. 2569.47

[25.00 x 18.57 - 21.35

CORPO 2

PIANTA


h = mt 2,70
h = mt 2.50

SUPERFICIE COPERTA

(4.15 + 3.60)/2 x 110.65 = mq 428.77

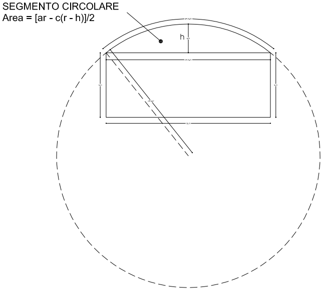
VOLUME

mq. 2569.47 x 9.10 = mc. 23382.18

x (18.57 - 4.05)]/2 x 120.35 = mc. 9282.00

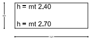
Totale = mc. 32664.18

SEZIONE A-A


SEGMENTO CIRCOLARE
Area = [ar - c(r - h)]/2
h

CORPO 3

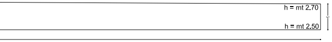
PIANTA


h = mt 2.40
h = mt 2.70

SUPERFICIE COPERTA

3.55 x 10.30 = mq 36.57

mq 36.57 x (

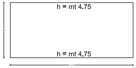

h = mt 2.70
h = mt 2.50

VOLUME

mq 428.77 x (2.70 + 2.50)/2 = mc 1114.80

CORPO 4

PIANTA


h = mt 4.75
h = mt 4.75

SUPERFICIE COPERTA

7.80 x 17.25 = mq 134.55

mq

VOLUME

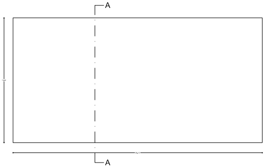
2.70 + 2.40)/2 = mc 93.25

VOLUME

134.55 x 4.75 = mc 639.11

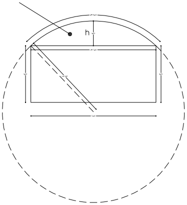
CORPO 5

PIANTA



SEZIONE A-A

SEGMENTO CIRCOLARE
Area = [ar - c(r - h)]/2



SUPERFICIE COPERTA

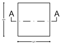
35.10 x 17.60 = mq. 617.76

VOLUME

mq. 617.76 x 8.00 = mc. 4942.08
[19.40 x 12.81 - 17.60 x (12.81 - 3.50)]/2 x 35.10 = mc. 1485.61
Totale = mc. 6427.69

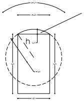
CORPO 6

PIANTA



SEZIONE A-A

SEGMENTO CIRCOLARE
Area = [ar - c(r - h)]/2



SUPERFICIE COPERTA

4.65 x 4.50 = mq. 20.93

VOLUME

mq. 20.93 x 8.35 = mc. 174.77
[4.79 x 3.97 - 4.50 x (3.97 - 0.70)]/2 x 4.65 = mc. 10.00
Totale = mc. 184.77

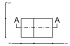
CORPO 7

SUPERFICIE COPERTA

5.05 x 6.00 = mq 30.30

CORPO 8

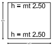
PIANTA



SUPERFICIE COPERTA

2.65 x 1.80 = mq 4.77
2.65 x 2.65 = mq 7.02
Totale = mq 11.79

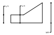
PIANTA


h = mt 2.50
h = mt 2.50

VOLUME

mq 30.30 x 2.50 = mc 75.75

SEZIONE A-A



VOLUME

mq 4.77 x 1.15 = mc 5.49
mq 7.02 x (1.15 + 2.85) = mc 14.04
Totale = mc 19.53

RIEPILOGO

	SUPERFICIE COPERTA	VOLUMETRIA
CORPO 1	mq 2569.47	mc 32664.18
CORPO 2	mq 428.77	mc 1114.80
CORPO 3	mq 36.57	mc 93.25
CORPO 4	mq 134.55	mc 639.11
CORPO 5	mq 617.76	mc 6427.69
CORPO 6	mq 20.93	mc 184.77
CORPO 7	mq 30.30	mc 75.75
CORPO 8	mq 11.79	mc 19.53
	TOTALE mq 3850.14	TOTALE mc 41219.08