

CITTA' DI TORINO

PROGETTO :

RISTRUTTURAZIONE E SOPRAELEVAZIONE FABBRICATO
CARATTERIZZANTE IL TESSUTO STORICO
BOX INTERRATI.

LOCALITA' :

VIA MONGINEVRO N°55 - TORINO

Tavola

numero

1

oggetto

PROGETTO: PLANIMETRIE - CONTEGGI

scala

varie

Data: Feb.2011

Agg: Nov.2011

Giu.2012

Nov.2012

PROPRIETA':

FARE SVILUPPO IMMOBILIARE spa
Via L. Cibrario n° 13
10100 Torino

PROGETTAZIONE:

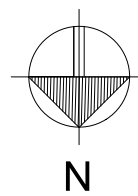
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info@studio-balma.it



Giordano Arch. Maria Grazia
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riservato ufficio tecnico

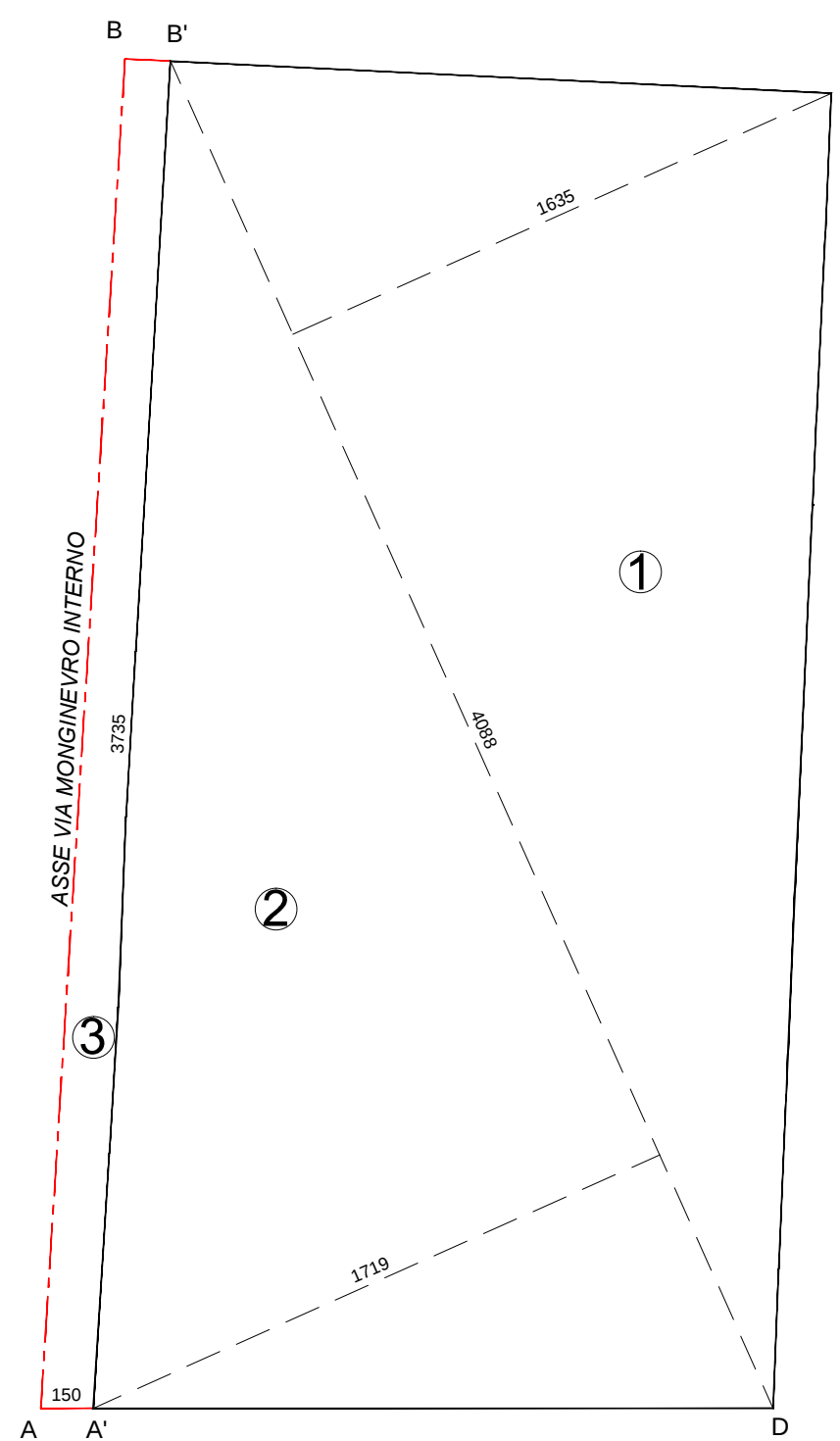
ESTRATTO N.P.R.G.
1/5000



PLANIMETRIA GENERALE
1/1000



DIMOSTRAZIONE AREA DI PROPRIETA'
1:2000



SUPERFICIE TERRENO

- ① $(40.88 \times 16.35) \frac{1}{2} = \text{mq. } 334.19$
② $(40.88 \times 17.19) \frac{1}{2} = \text{mq. } 351.36$
③ $1.50 \times 37.35 = \text{mq. } 56.02$

Tot. = mq. 741.57

S.U.L. REG.RE

mq. 741.57 x 2.00 = mq. 1483.14

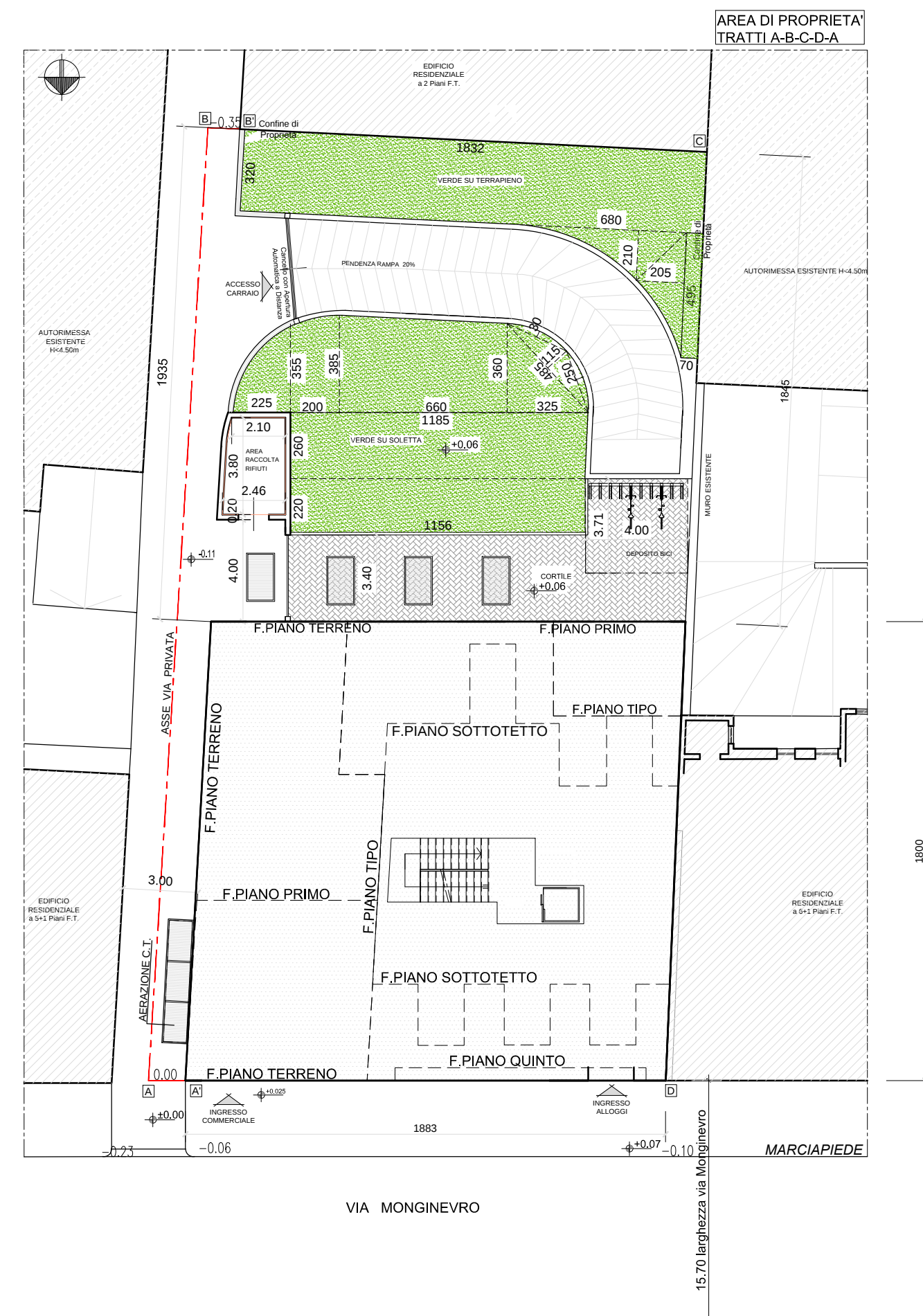
S.U.L. IN PROGETTO

= mq. 1362.18

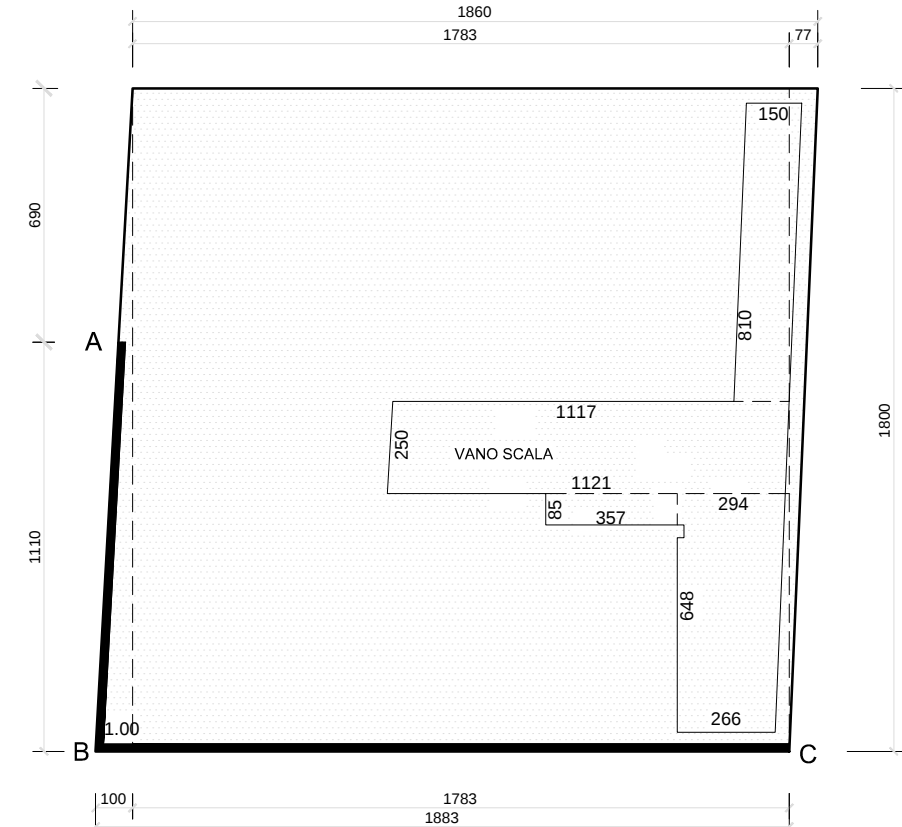
RIBALTAMENTO

RM = L x 5/4
RM = 1845 x 5/4 = 23.06
H fabbricato = 19.59

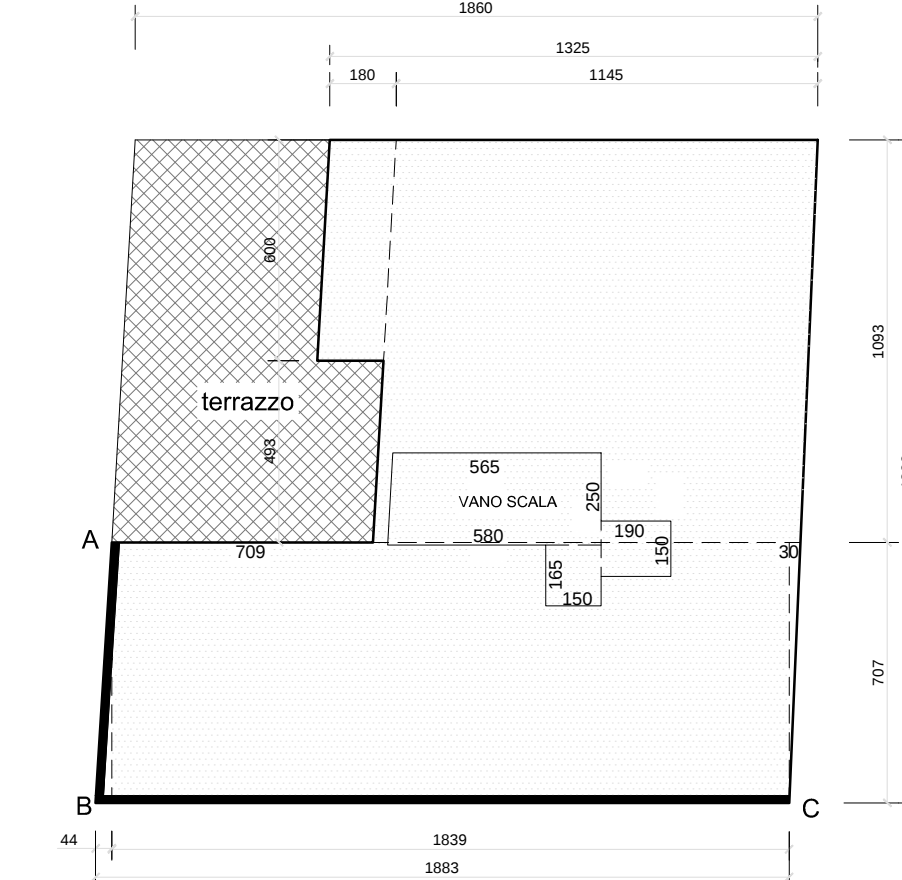
PLANIMETRIA GENERALE TERRENO
1:200



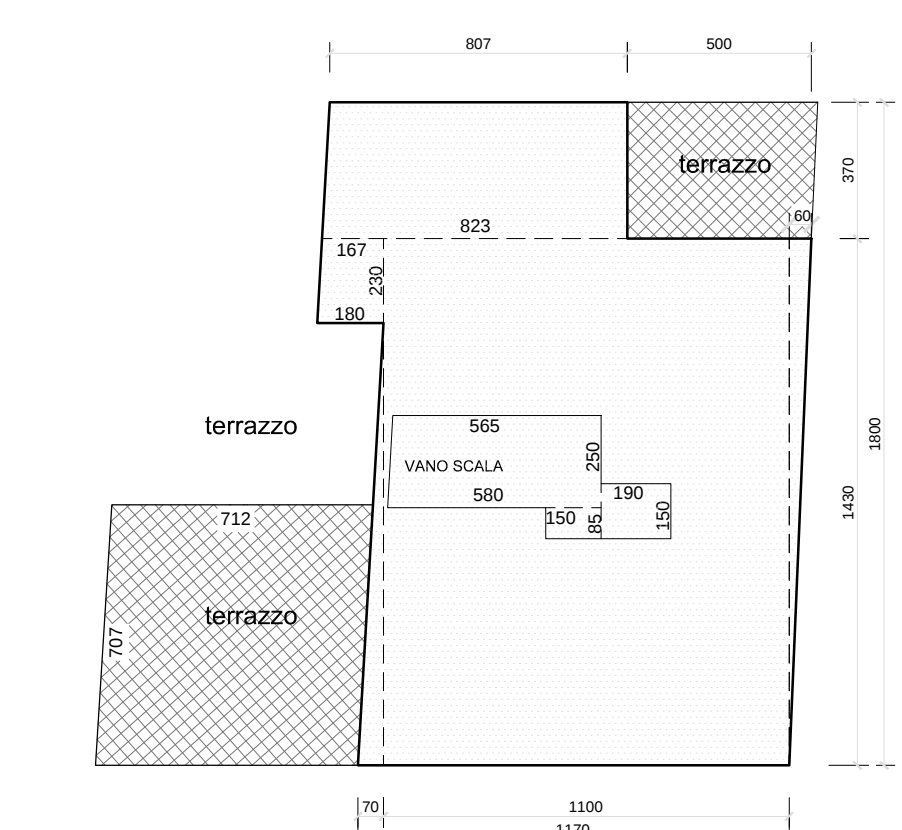
PIANO TERRENO



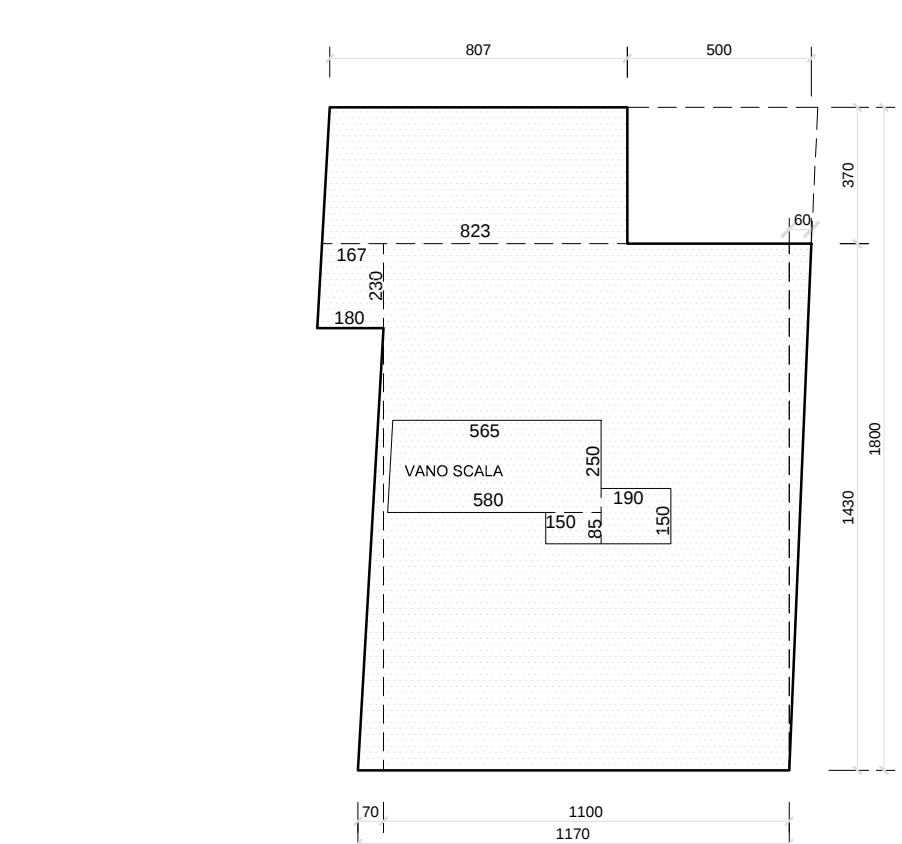
PIANO PRIMO



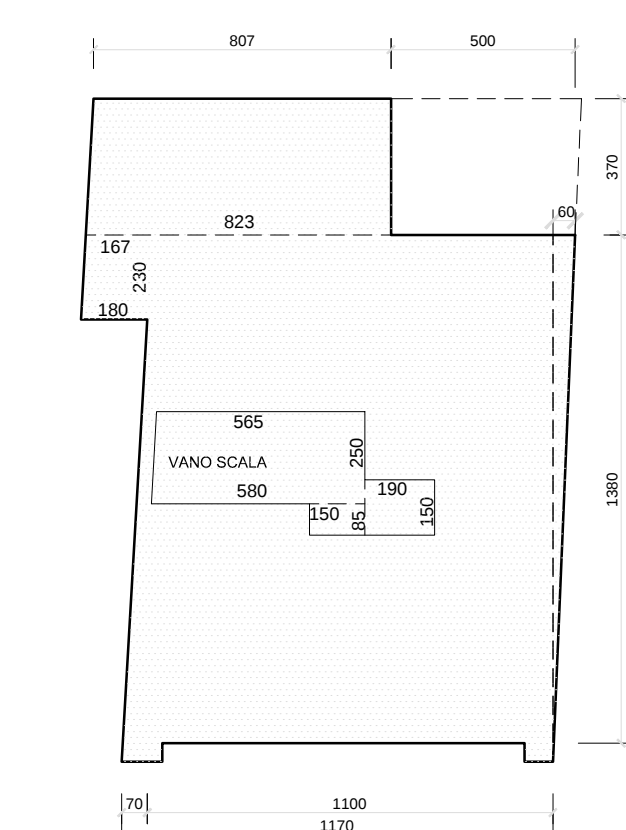
PIANO SECONDO



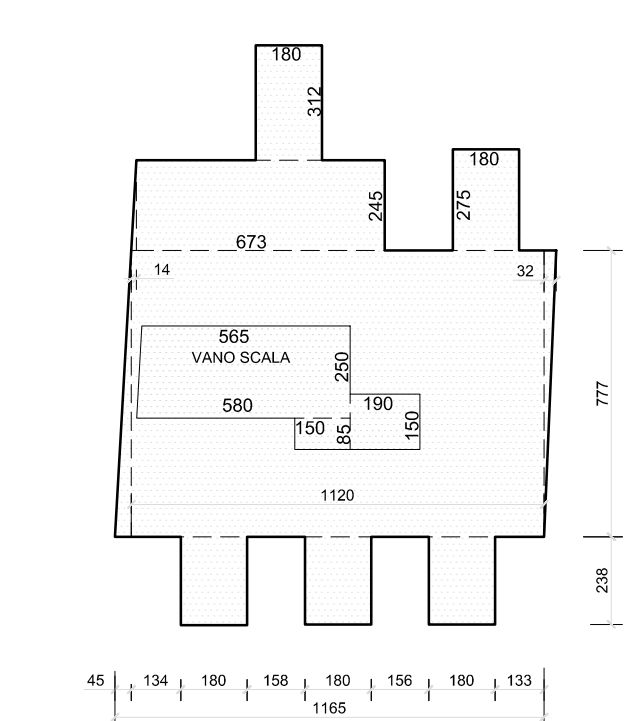
PIANO TIPO (3° - 4°)



PIANO QUINTO



PIANO SOTTOTETTO



VERIFICA S.U.L. IN PROGETTO

PIANO TERRENO
 $17.83 \times 18.00 = \text{mq. } 320.94$
 $(1.00 + 0.77) \frac{1}{2} \times 18.00 = \text{mq. } 15.93$
= mq. 336.87

a dedurre

- vano scala

sup. coperta = mq. 336.87

sup. vano scala reg.re

mq. 336.87 x $\frac{1}{10}$ = mq. 33.68

sup. vano scala in progetto

$1.50 \times 8.10 = \text{mq. } 12.15$
 $(11.17 + 11.21) \frac{1}{2} \times 2.50 = \text{mq. } 27.97$
 $3.57 \times 0.85 = \text{mq. } 3.03$
 $(2.94 + 2.66) \frac{1}{2} \times 6.48 = \text{mq. } 18.14$
= mq. 60.29

- sup. maggiore spess. muri > cm 30

A - B - C (muro esistente-escluso dal conteggio)

$(6.90 + 18.60) \times 0.10 = \text{mq. } 2.55$

1) mq. 336.87 - (33.68 + 2.55) = mq. 300.64

PIANO PRIMO

$18.39 \times 7.07 = \text{mq. } 130.01$
 $(0.44 + 0.30) \frac{1}{2} \times 7.07 = \text{mq. } 2.61$
 $11.45 \times 10.93 = \text{mq. } 125.14$
 $1.80 \times 6.00 = \text{mq. } 10.80$
= mq. 268.56

a dedurre

- vano scala

sup. coperta = mq. 336.87

sup. vano scala reg.re

mq. 336.87 x $\frac{1}{10}$ = mq. 33.68

sup. vano scala in progetto

$1.80 \times 1.50 = \text{mq. } 2.85$
 $1.85 \times 1.50 = \text{mq. } 2.47$
 $(5.65 + 5.80) \frac{1}{2} \times 2.50 = \text{mq. } 14.31$
= mq. 19.63

- sup. maggiore spess. muri > cm 30

A - B - C (muro esistente-escluso dal conteggio)

$(7.09 + 4.93 + 1.80 + 6.00 + 13.25) \times 0.10 = \text{mq. } 3.30$

2) mq. 268.45 - (19.63 + 3.30) = mq. 245.52

PIANO SECONDO

$11.00 \times 14.30 = \text{mq. } 157.30$
 $(0.70 + 0.60) \frac{1}{2} \times 14.30 = \text{mq. } 9.29$
 $(8.07 + 8.23) \frac{1}{2} \times 3.70 = \text{mq. } 30.15$
 $(1.67 + 1.80) \frac{1}{2} \times 2.30 = \text{mq. } 3.99$
= mq. 200.73

a dedurre

- vano scala

sup. coperta

sup. terrazzo

$7.12 \times 7.07 = \text{mq. } 50.33$

$5.00 \times 3.70 = \text{mq. } 18.50$

= mq. 68.83

mq. (200.73 + 68.83) = mq. 269.56

sup. vano scala reg.re

mq. 269.56 x $\frac{1}{10}$ = mq. 26.90

sup. vano scala in progetto

$0.85 \times 1.50 = \text{mq. } 1.27$
 $1.90 \times 1.50 = \text{mq. } 2.85$
 $(5.65 + 5.80) \frac{1}{2} \times 2.50 = \text{mq. } 14.31$
= mq. 18.43

- sup. maggiore spess. muri > cm 30

$(11.70 + 14.30 + 3.70 + 5.00 + 8.07 +$

$6.00 + 1.80 + 12.00) \times 0.10 = \text{mq. } 6.25$

3) mq. 200.73 - (18.43 + 6.25) = mq. 176.05

PIANO TIPO (3° - 4°)

$11.00 \times 14.30 = \text{mq. } 157.30$
 $(0.70 + 0.60) \frac{1}{2} \times 14.30 = \text{mq. } 9.29$
 $(8.07 + 8.23) \frac{1}{2} \times 3.70 = \text{mq. } 30.15$
 $(1.67 + 1.80) \frac{1}{2} \times 2.30 = \text{mq. } 3.99$
= mq. 200.73

a dedurre

- vano scala

sup. coperta = mq. 200.73

sup. vano scala reg.re

mq. 200.73 x $\frac{1}{10}$ = mq. 20.07

sup. vano scala in progetto

$0.85 \times 1.50 = \text{mq. } 1.27$
 $1.90 \times 1.50 = \text{mq. } 2.85$
 $(5.65 + 5.80) \frac{1}{2} \times 2.50 = \text{mq. } 14.31$
= mq. 18.43

- sup. maggiore spess. muri > cm 30

$(11.70 + 14.30 + 3.70 + 5.00 + 8.07 +$

$6.00 + 1.80 + 12.00) \times 0.10 = \text{mq. } 6.25$

mq. 200.73 - (18.43 + 6.25) = mq. 176.05

4) mq. 176.05 x 2 = mq. 352.10

PIANO QUINTO

$11.00 \times 13.80 = \text{mq. } 151.80$
 $(0.70 + 0.60) \frac{1}{2} \times 14.30 = \text{mq. } 9.29$
 $(8.07 + 8.23) \frac{1}{2} \times 3.70 = \text{mq. } 30.15$
 $(1.67 + 1.80) \frac{1}{2} \times 2.30 = \text{mq. } 3.99$
= mq. 195.23

a dedurre

- vano scala

sup. coperta = mq. 195.23

sup. vano scala reg.re

mq. 195.23 x $\frac{1}{10}$ = mq. 19.52

sup. vano scala in progetto

$0.85 \times 1.50 = \text{mq. } 1.27$
 $1.90 \times 1.50 = \text{mq. } 2.85$
 $(5.65 + 5.80) \frac{1}{2} \times 2.50 = \text{mq. } 14.31$
= mq. 18.43

- sup. maggiore spess. muri > cm 30

$(11.70 + 13.80 + 3.70 + 5.00 + 8.07 +$

$6.00 + 1.80 + 11.50) \times 0.10 = \text{mq. } 6.15$

5) mq. 195.23 - (18.43 + 6.15) = mq. 170.65

PIANO SOTTOTETTO

$11.20 \times 7.77 = \text{mq. } 87.02$
 $(0.45 + 0.32) \frac{1}{2} \times 7.77 = \text{mq. } 2.99$
 $1.80 \times 2.38 \times 3 = \text{mq. } 12.85$
 $1.80 \times (3.12 + 2.75) = \text{mq. } 10.96$
 $6.73 \times 2.45 = \text{mq. } 16.48$
 $0.14 \times 2.45 = \text{mq. } 0.34$
= mq. 130.24

a dedurre

- vano scala

sup. coperta

sup. vano scala reg.re

mq. 130.24 x $\frac{1}{10}$ = mq. 13.02

sup. vano scala in progetto

$0.85 \times 1.50 = \text{mq. } 1.27$
 $1.90 \times 1.50 = \text{mq. } 2.85$
 $(5.65 + 5.80) \frac{1}{2} \times 2.50 = \text{mq. } 14.31$
= mq. 18.43

6) mq. 130.24 - 13.02 = mq. 117.22

TOT. S.U.L. IN PROGETTO

$(1 + 2 + 3 + 4 + 5 + 6)$

mq. (300.64 + 245.52 + 176.05 + 352.10 + 170.65 + 117.22)

= mq. 1362.18

mq. 1362.18 > mq. 1483.14

VERIFICA LOCALE RIFIUTI

S.U.L. = mq. 1362.18

sup. reg.re

mq. 1362.18 x 0.005 = mq. 6.81

sup. in progetto

$(2.10 + 2.46) \frac{1}{2} \times 3.80 = \text{mq. } 8.66$

mq. 8.66 > mq. 6.81

VERIFICA DEPOSITO BICI

S.U.L. = mq. 1362.18

mq. 1362.18 x 1% = mq. 13.62

sup. in progetto

$4.00 \times 3.71 = \text{mq. } 14.84$

mq. 14.84 > mq. 13.62

VERIFICA AREA A VERDE

VERIFICA SUPERFICIE LIBERA

SUPERFICIE TERRENO

$(40.88 \times 16.35) \frac{1}{2} = \text{mq. } 334.19$

$(40.88 \times 17.19) \frac{1}{2} = \text{mq. } 351.36$

= mq. 685.55

sup. coperta (piano terreno)

mq. (685.55 - 336.87) = mq. 348.68

AREA A VERDE

sup. reg.re

mq. 348.68 x 50% = mq. 174.34

su terrapieno

mq. 348.68 x 20% = mq. 69.73

AREA A VERDE IN PROGETTO

verde su terrapieno

$18.32 \times 3.20 = \text{mq. } 58.62$

$0.70 \times 4.95 = \text{mq. } 3.46$

$4.95 \times 2.05 \times \frac{1}{2} = \text{mq. } 5.07$

$6.80 \times 2.10 \times \frac{1}{2} = \text{mq. } 7.14$

= mq. 74.29

verde su soletta

$11.56 \times 2.20 = \text{mq. } 25.43$

$(11.56 + 11.85) \frac{1}{2} \times 2.60 = \text{mq. } 30.43$

$2.25 \times 3.55 \frac{1}{2} = \text{mq. } 3.99$

$2.00 (3.55 + 3.85) \frac{1}{2} = \text{mq. } 7.40$

$6.80 (3.85 + 3.60) \frac{1}{2} = \text{mq. } 24.58$

$3.25 \times 3.60 \times \frac{1}{2} = \text{mq. } 5.85$

$4.85 \times 1.15 \times \frac{1}{2} = \text{mq. } 2.78$

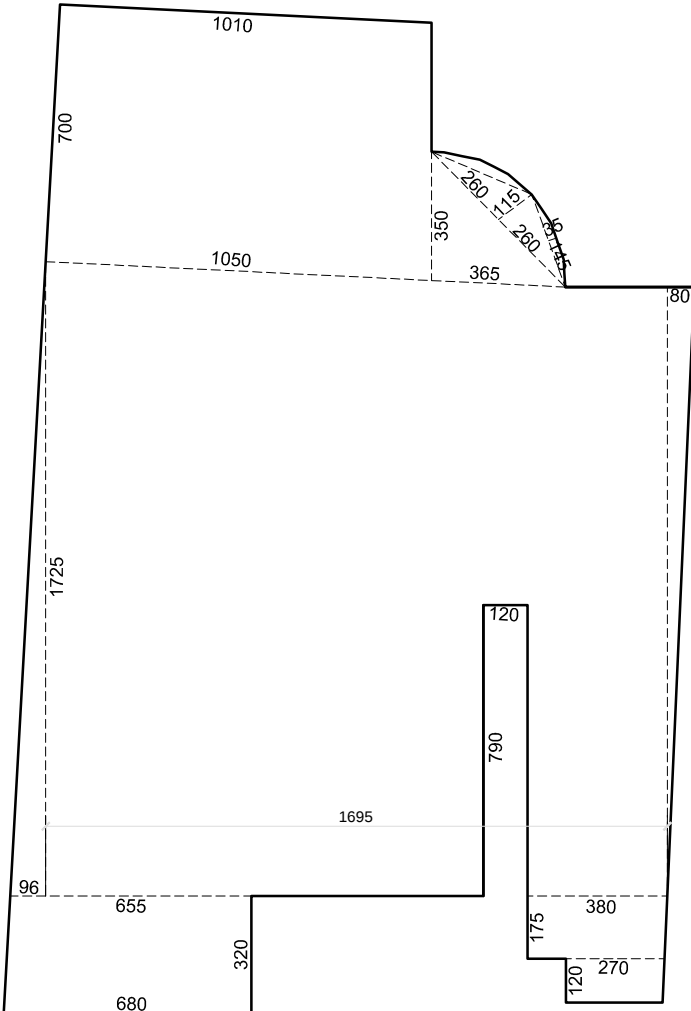
$2.50 \times 0.30 \times \frac{1}{2} \times 2 = \text{mq. } 0.75$

= mq. 101.21

= mq. (74.29 + 101.21) = mq. 175.50

mq. 175.50 > mq. 174.38

SCHEMA SUPERFICIE A PARCHEGGIO
PIANO INTERRATO



VERIFICA PARCHEGGIO AUTO

sup. reg.re - Legge Tognoli

S.U.L. = mq. 1367.82

mq. 1362.18 x 3.00 x 0.10 = mq. 408.65

SUP. PARCHEGGIO IN PROGETTO

$(10.10 + 10.50) \frac{1}{2} \times 7.00 = \text{mq. } 72.10$

$3.50 \times 3.65 \times \frac{1}{2} = \text{mq. } 6.38$

$2.60 \times 1.15 \times \frac{1}{2} \times 2 = \text{mq. } 2.99$

$1.40 \times 0.35 \times \frac{1}{2} \times 4 = \text{mq. } 0.98$

$16.95 \times 17.25 = \text{mq. } 292.38$

$(0.96 + 0.80) \frac{1}{2} \times 17.25 = \text{mq. } 15.18$

$(6.57 + 6.80) \frac{1}{2} \times 3.20 = \text{mq. } 21.39$

$3.80 \times 1.75 = \text{mq. } 6.46$

$2.70 \times 1.20 = \text{mq. } 3.24$

a dedurre

$1.20 \times 7.90 = \text{mq. } 9.48$

= mq. 411.81

mq. 411.81 > mq. 408.65

VERIFICA AERAZI. PIANO INTERRATO

sup. parcheggi in progetto

= mq. 411.81

aerazione reg.re

mq. 411.81 x 1/25 = mq. 16.47

aerazione in progetto

$3.50 \times 2.40 = \text{mq. } 8.40$

$1.10 \times 1.90 \times 4 = \text{mq. } 8.36$

mq. 16.76 > mq. 16.47

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