

**CITTA' DI TORINO**

PROGETTO : RISTRUTTURAZIONE E SOPRAELEVAZIONE FABBRICATO CARATTERIZZANTE IL TESSUTO STORICO BOX INTERRATI.

LOCALITA' : VIA MONGINEVRO N°55 - TORINO

Tavola numero	oggetto	scala	Data: Feb.2014
1	PROGETTO: PLANIMETRIE - CONTEGGI	varie	Agg: Nov.2011 Giu.2012 Nov.2013

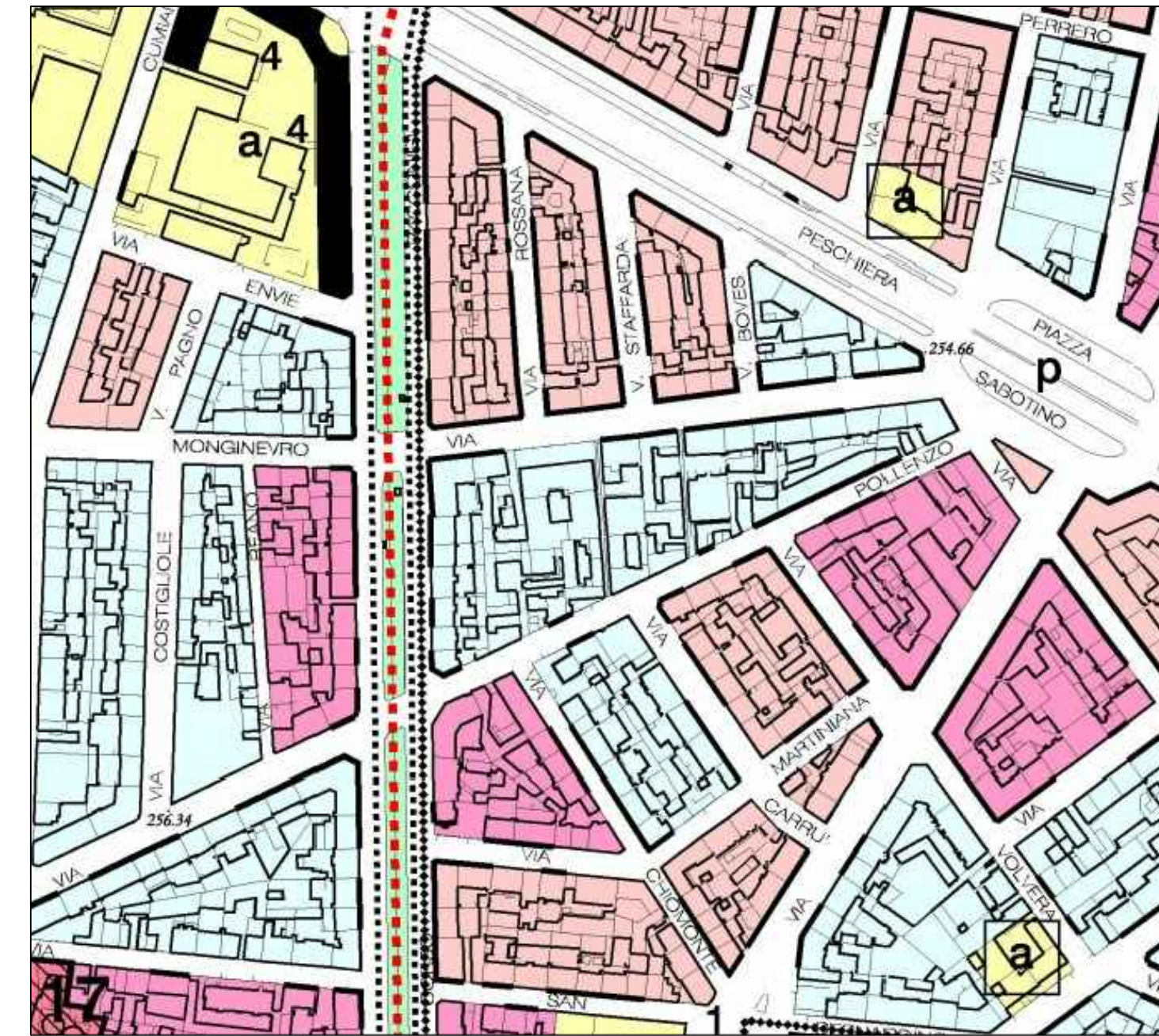
PROPRIETA': FARE SVILUPPO IMMOBILIARE spa  
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10100 Torino

PROGETTAZIONE: Balma Arch. Adolfo  
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riservato ufficio tecnico

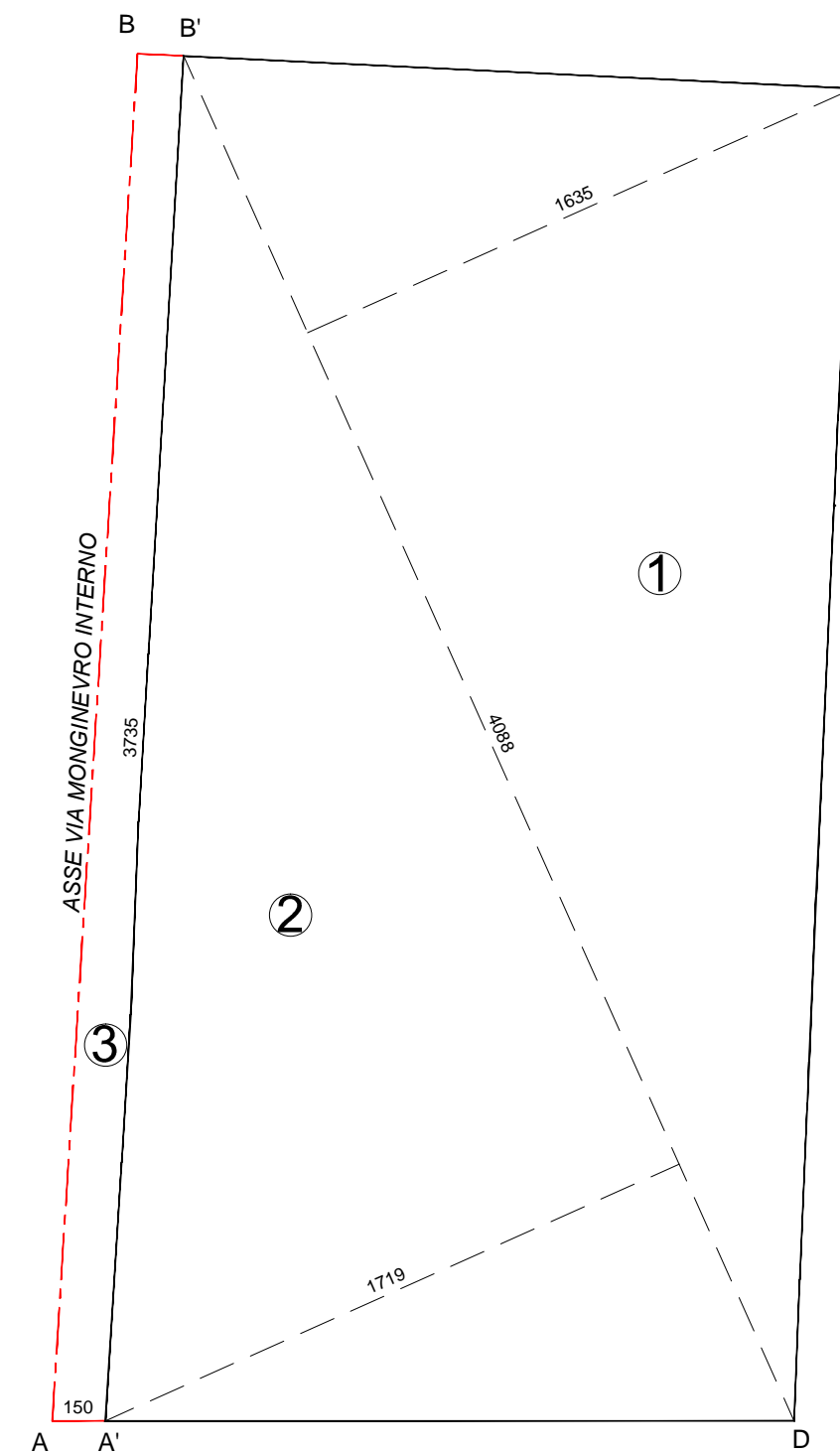
ESTRATTO N.P.R.G.  
1/5000



PLANIMETRIA GENERALE  
1/1000



DIMOSTRAZIONE AREA DI PROPRIETA'  
1:200



**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

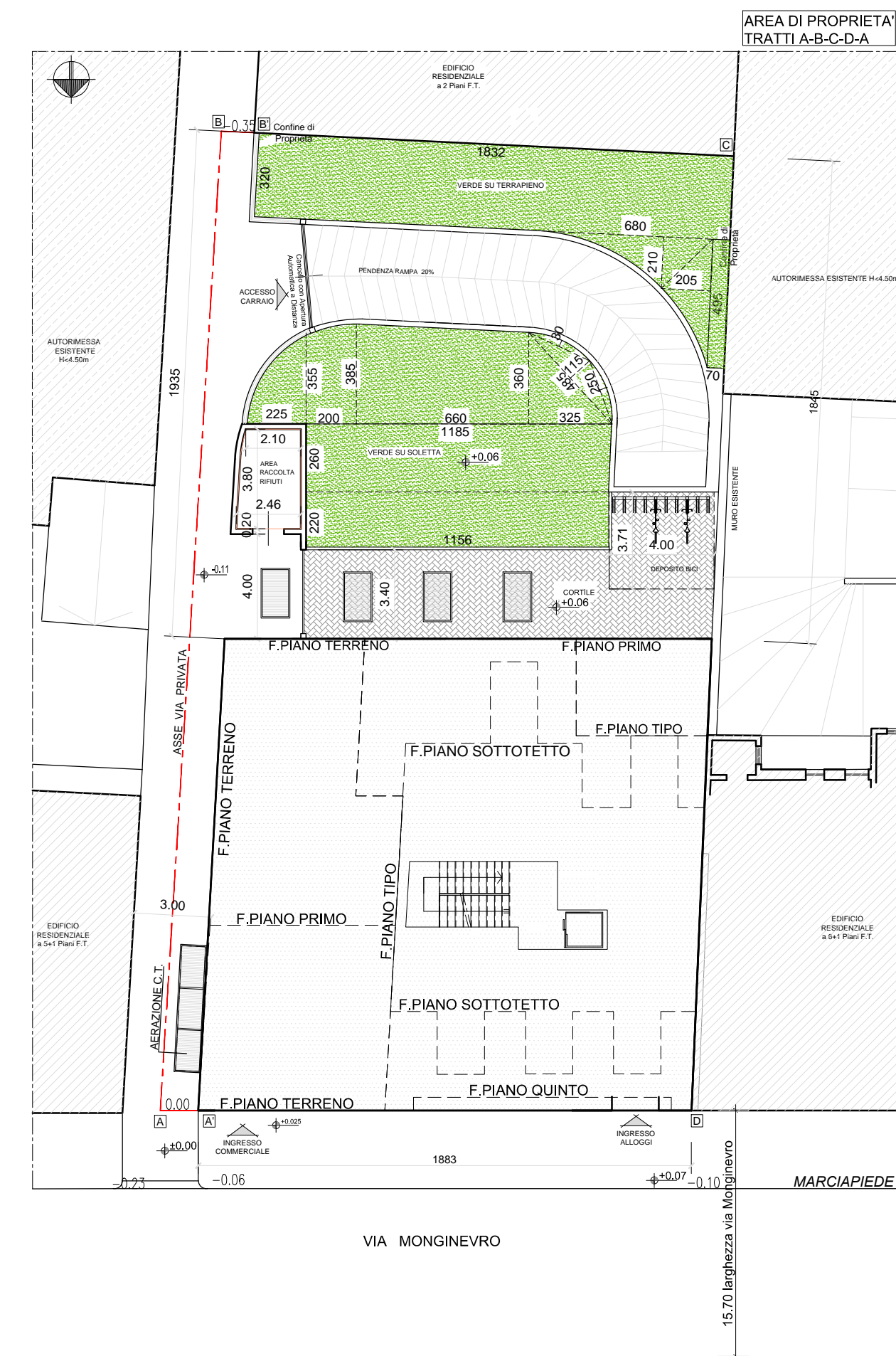
**S.U.L. IN PROGETTO**

= mq. 1362.18

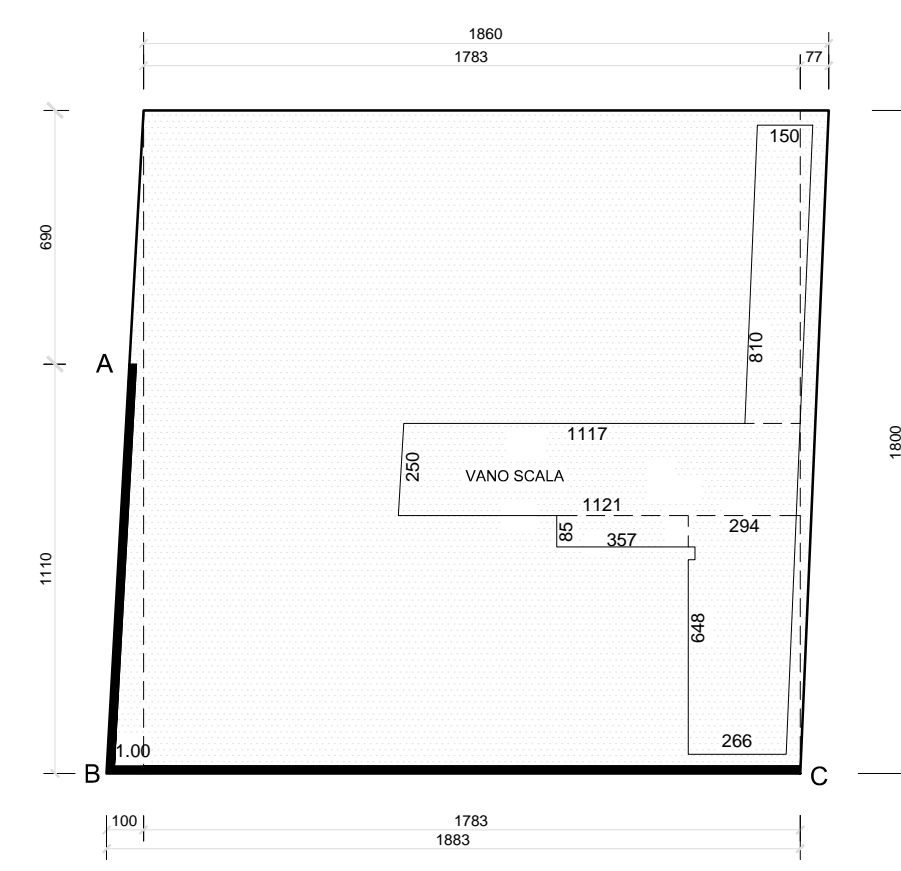
**RIBALTAMENTO**

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

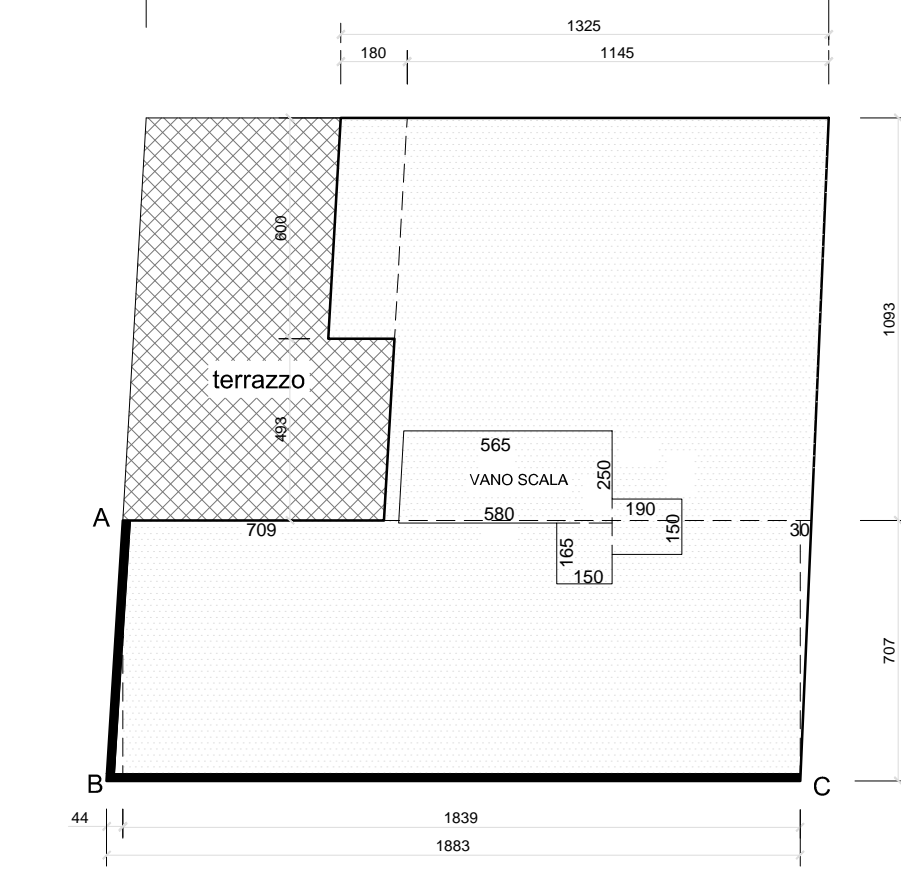
PLANIMETRIA GENERALE TERRENO  
1:200



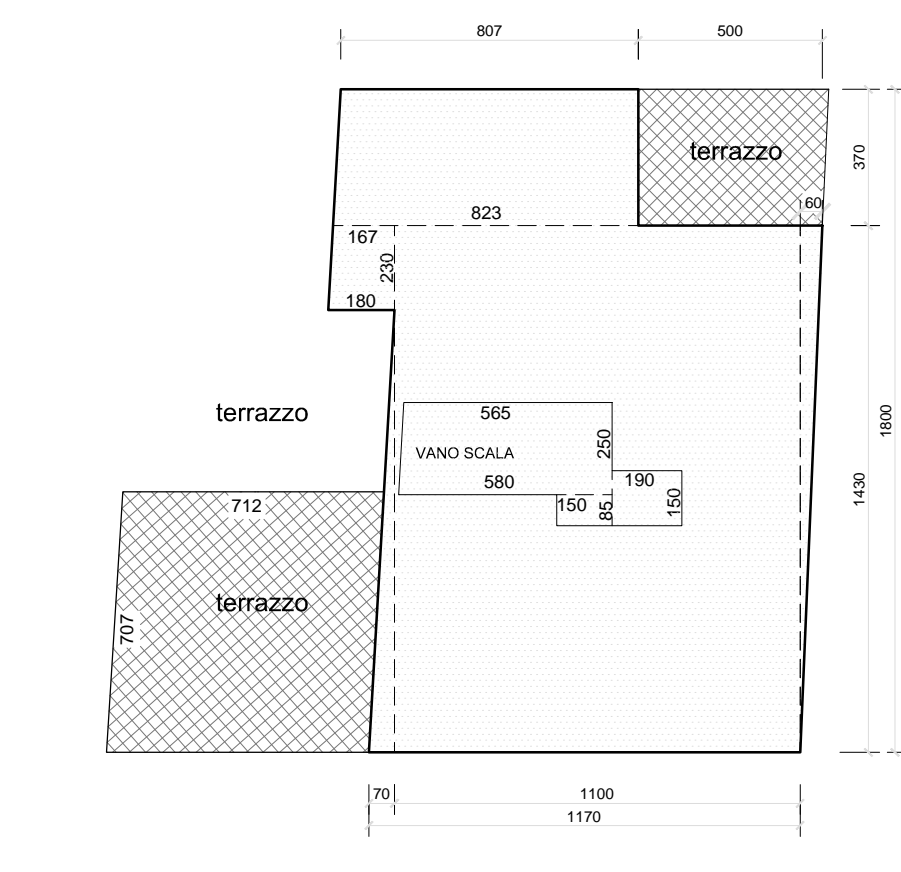
PIANO TERRENO



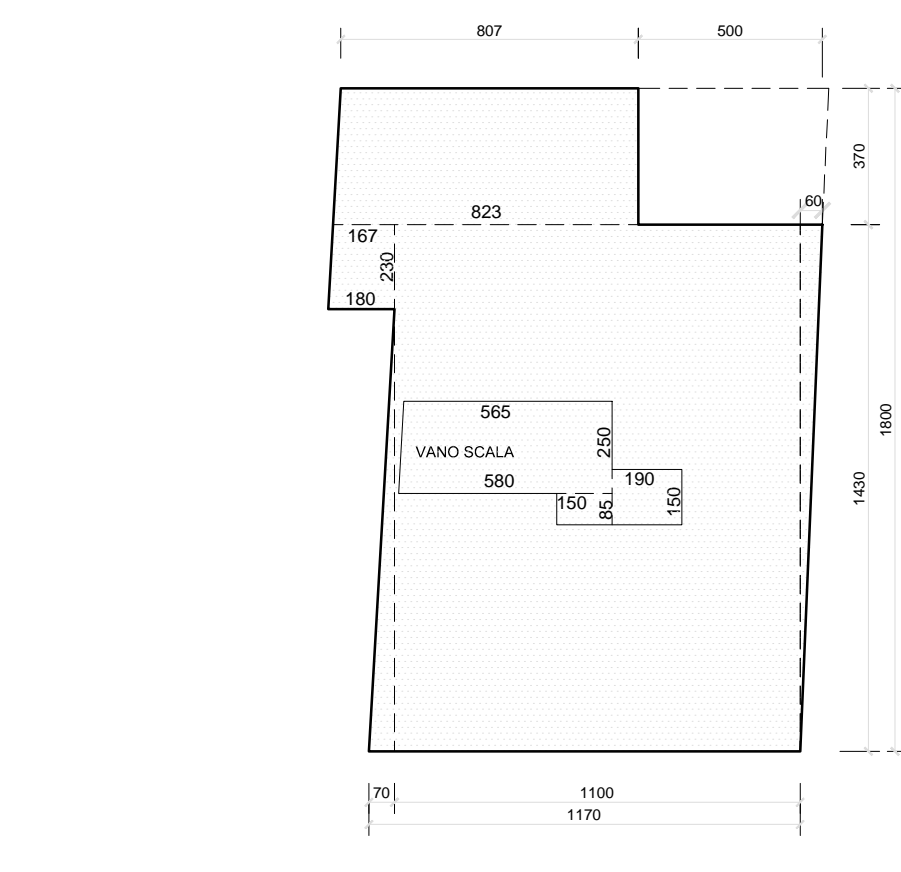
PIANO PRIMO



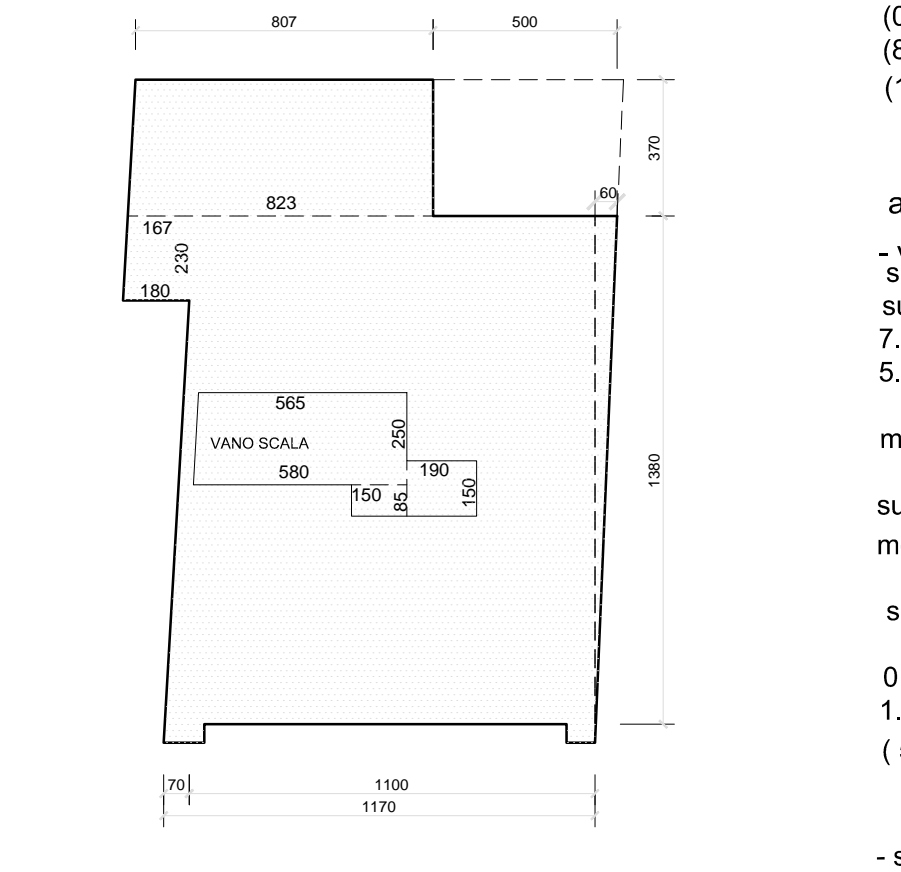
PIANO SECONDO



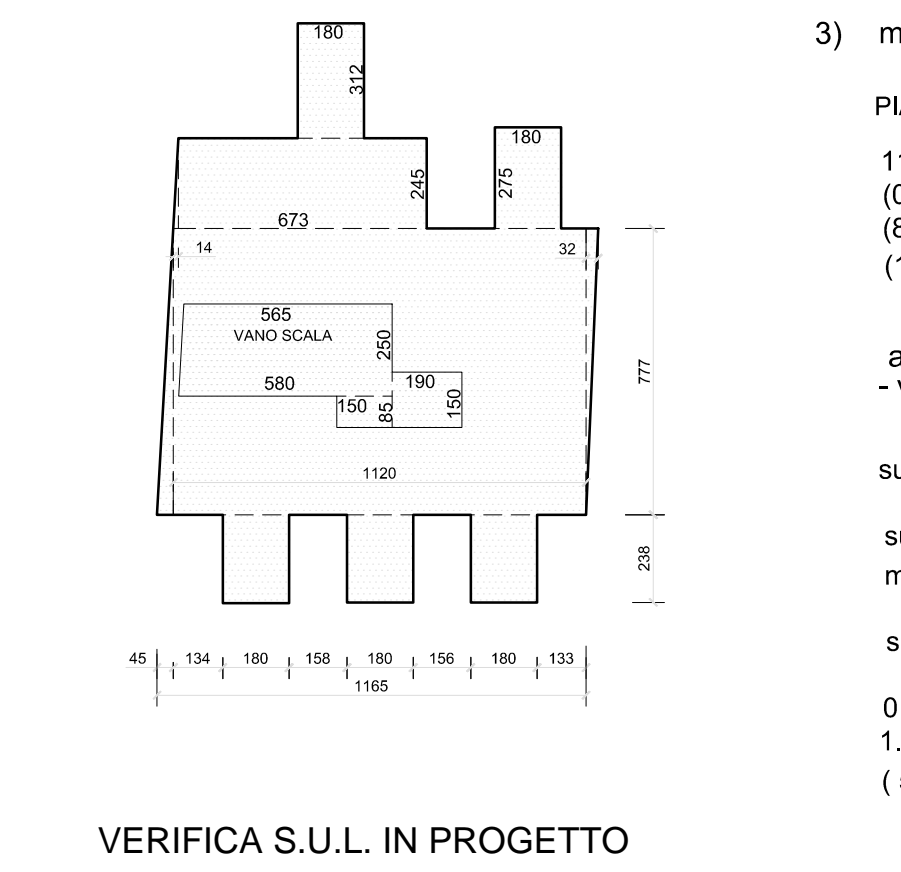
PIANO TIPO (3°-4°)



PIANO QUINTO



PIANO SOTTOTETTO



**VERIFICA S.U.L. IN PROGETTO**

- sup. maggiore spess. muri > cm 30  
 $17.83 \times 18.00 = \text{mq. } 320.94$   
 $(11.70+14.30+3.70+5.00+8.07+6.00+1.80+12.00) \times 0.10 = \text{mq. } 6.25$   
 $\text{mq. } 200.73 - (18.43 + 6.25) = \text{mq. } 176.05$

1)  $\text{mq. } 176.05 \times 2 = \text{mq. } 352.10$

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  
 $1.50 \times 8.10 = \text{mq. } 12.15$   
 $(11.7 + 11.21) \frac{1}{2} \times 2.50 = \text{mq. } 27.97$   
 $3.57 \times 0.85 = \text{mq. } 3.03$   
 $(2.94 + 2.66) \frac{1}{2} \times 6.48 = \text{mq. } 18.14$   
 $= \text{mq. } 60.29$

- sup. maggiore spess. muri > cm 30  
A - B - C (muro esistente-escluso dal conteggio)  
 $(6.90+18.00) \times 0.10 = \text{mq. } 2.55$

2)  $\text{mq. } 336.87 - (33.68 + 2.55) = \text{mq. } 300.64$

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

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  
 $1.90 \times 1.50 = \text{mq. } 2.85$   
 $1.85 \times 1.50 = \text{mq. } 2.77$   
 $(5.65 + 5.80) \frac{1}{2} \times 2.50 = \text{mq. } 14.31$   
 $= \text{mq. } 19.63$

- sup. maggiore spess. muri > cm 30  
A - B - C (muro esistente-escluso dal conteggio)  
 $(7.09 + 4.93 + 1.80 + 6.00 + 13.25) \times 0.10 = \text{mq. } 3.30$

3)  $\text{mq. } 268.45 - (19.63 + 3.30) = \text{mq. } 245.52$

PIANO SECONDO

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

a dedurre  
- vano scala  
sup. coperta  
sup. terrazzo  
 $7.12 \times 7.07 = \text{mq. } 50.33$   
 $5.00 \times 3.70 = \text{mq. } 18.50$   
 $= \text{mq. } 68.83$   
 $\text{mq. } (200.73 + 68.83) = \text{mq. } 269.56$

sup. vano scala reg.re  
mq. 269.56 x  $\frac{1}{10}$  = mq. 26.90

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

- sup. maggiore spess. muri > cm 30  
 $(11.70+14.30+3.70+5.00+8.07+6.00+1.80+12.00) \times 0.10 = \text{mq. } 6.25$

4)  $\text{mq. } 200.73 - (18.43 + 6.25) = \text{mq. } 176.05$

PIANO TIPO (3°-4°)  
 $11.00 \times 14.30 = \text{mq. } 157.30$   
 $(0.70 + 0.60) \frac{1}{2} \times 14.30 = \text{mq. } 9.29$   
 $(8.07 + 8.23) \frac{1}{2} \times 3.70 = \text{mq. } 30.15$   
 $(1.67 + 1.80) \frac{1}{2} \times 2.30 = \text{mq. } 3.99$   
 $= \text{mq. } 200.73$

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

- sup. maggiore spess. muri > cm 30  
 $(11.70+14.30+3.70+5.00+8.07+6.00+1.80+12.00) \times 0.10 = \text{mq. } 6.25$

5)  $\text{mq. } 200.73 - (18.43 + 6.25) = \text{mq. } 176.05$

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

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

- sup. maggiore spess. muri > cm 30  
 $(11.70+13.80+3.70+5.00+8.07+6.00+1.80+11.50) \times 0.10 = \text{mq. } 6.15$

6)  $\text{mq. } 195.23 - (18.43 + 6.15) = \text{mq. } 170.65$

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

a dedurre  
- vano scala  
sup. coperta  
sup. vano scala reg.re  
mq. 130.24 x  $\frac{1}{10}$  = mq. 13.02

- sup. maggiore spess. muri > cm 30  
 $(7.09 + 4.93 + 1.80 + 6.00 + 13.25) \times 0.10 = \text{mq. } 3.30$

7)  $\text{mq. } 130.24 - (13.02 + 3.30) = \text{mq. } 113.92$

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

8)  $\text{mq. } 130.24 - 13.02 = \text{mq. } 117.22$

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

sup. in progetto  
 $1362.18 \times 1\% = \text{mq. } 13.62$

4.00 x 3.71 = mq. 14.84

mq. 14.84 > mq. 13.62

**VERIFICA AREA A VERDE**

**VERIFICA SUPERFICIE LIBERA**

**SUPERFICIE TERRENO**

$(40.88 \times 16.35) \frac{1}{2} = \text{mq. } 334.19$   
 $(40.88 \times 17.19) \frac{1}{2} = \text{mq. } 351.36$   
 $= \text{mq. } 685.55$

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

sup. in progetto  
 $10.10 \times 10.50 \frac{1}{2} \times 7.00 = \text{mq. } 72.10$   
 $3.50 \times 3.65 \times \frac{1}{2} = \text{mq. } 6.38$   
 $2.60 \times 1.15 \times \frac{1}{2} \times 2 = \text{mq. } 2.99$   
 $1.40 \times 0.35 \times \frac{1}{2} \times 4 = \text{mq. } 0.98$   
 $16.95 \times 17.25 = \text{mq. } 292.38$   
 $(0.96 + 0.80) \frac{1}{2} \times 17.25 = \text{mq. } 15.18$   
 $(6.57 + 6.80) \frac{1}{2} \times 3.20 = \text{mq. } 21.39$   
 $3.80 \times 1.75 = \text{mq. } 6.66$   
 $2.70 \times 1.20 = \text{mq. } 3.24$   
a dedurre  
 $1.20 \times 7.90 = \text{mq. } 9.48$   
 $= \text{mq. } 411.81$

mq. 411.81 > mq. 408.65

**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**

sup. reg.re  
mq. 348.68 x 20% = mq. 69.73

**AREA A VERDE IN PROGETTO**

verde su terrapieno  
 $18.32 \times 3.20 = \text{mq. } 58.62$   
 $0.70 \times 4.95 = \text{mq. } 3.46$   
 $4.95 \times 2.05 \times \frac{1}{2} = \text{mq. } 5.07$   
 $6.80 \times 2.10 \times \frac{1}{2} = \text{mq. } 7.14$   
 $= \text{mq. } 74.29$   
verde su soletta  
 $11.56 \times 2.20 = \text{mq. } 25.43$   
 $(11.56 + 11.85) \frac{1}{2} \times 2.60 = \text{mq. } 30.43$   
 $2.25 \times 3.95 \frac{1}{2} = \text{mq. } 3.99$   
 $2.00 (3.55+3.85) \frac{1}{2} = \text{mq. } 7.40$   
 $6.60 (3.85 + 3.60) \frac{1}{2} = \text{mq. } 24.58$   
 $3.25 \times 3.60 \times \frac{1}{2} = \text{mq. } 5.85$   
 $4.85 \times 1.15 \times \frac{1}{2} = \text{mq. } 2.78$   
 $2.50 \times 0.30 \times \frac{1}{2} \times 2 = \text{mq. } 0.75$   
 $= \text{mq. } 101.21$   
 $= \text{mq. } (74.29 + 101.21) = \text{mq. } 175.50$   
mq. 175.50 > mq. 174.38

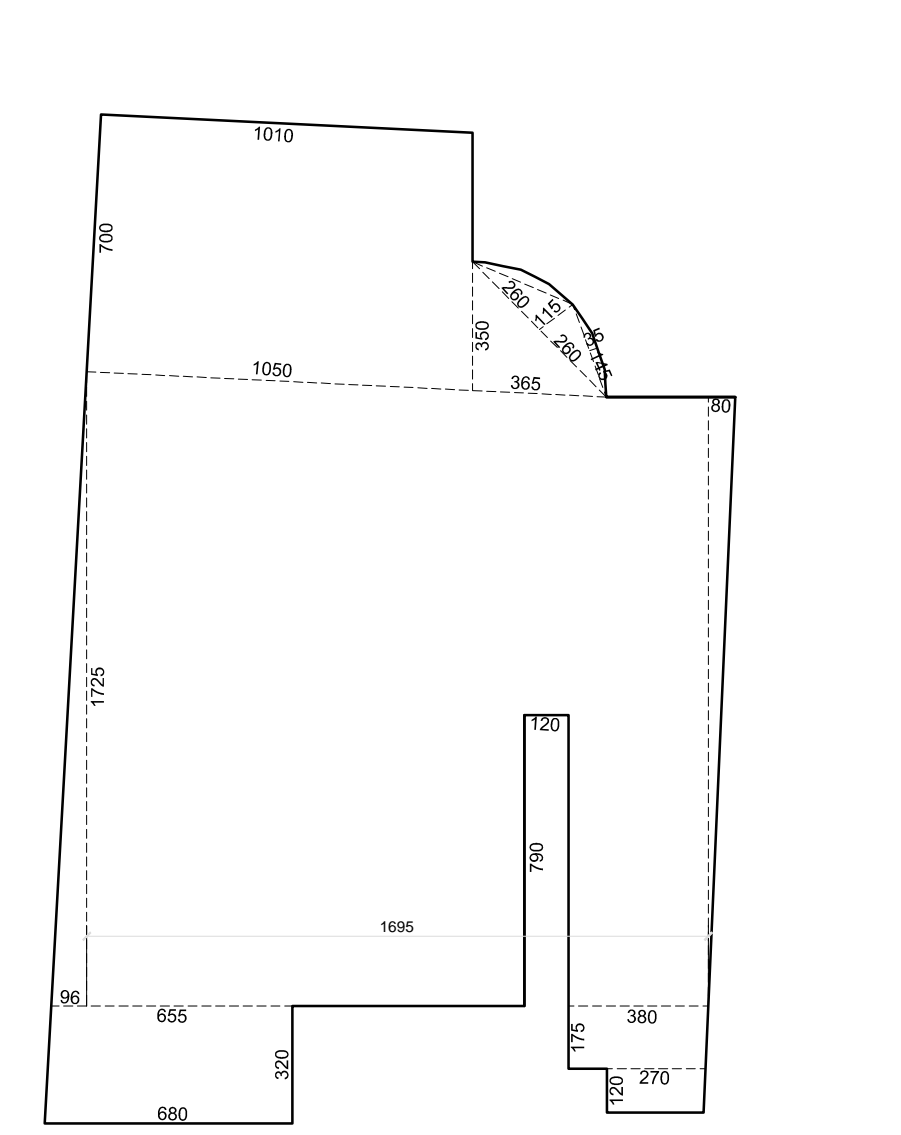
**VERIFICA AERAZI. PIANO INTERRATO**

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  
= mq. 16.76

**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**

sup. reg.re  
mq. 348.68 x 20% = mq. 69.73

**AREA A VERDE IN PROGETTO**

verde su terrapieno  
 $18.32 \times 3.20 = \text{mq. } 58.62$   
 $0.70 \times 4.95 = \text{mq. } 3.46$   
 $4.95 \times 2.05 \times \frac{1}{2} = \text{mq. } 5.07$   
 $6.80 \times 2.10 \times \frac{1}{2} = \text{mq. } 7.14$   
 $= \text{mq. } 74.29$   
verde su soletta  
 $11.56 \times 2.20 = \text{mq. } 25.43$   
 $(11.56 + 11.85) \frac{1}{2} \times 2.60 = \text{mq. } 30.43$   
 $2.25 \times 3.95 \frac{1}{2} = \text{mq. } 3.99$   
 $2.00 (3.55+3.85) \frac{1}{2} = \text{mq. } 7.40$   
 $6.60 (3.85 + 3.60) \frac{1}{2} = \text{mq. } 24.58$   
 $3.25 \times 3.60 \times \frac{1}{2} = \text{mq. } 5.85$   
 $4.85 \times 1.15 \times \frac{1}{2} = \text{mq. } 2.78$   
 $2.50 \times 0.30 \times \frac{1}{2} \times 2 = \text{mq. } 0.75$   
 $= \text{mq. } 101.21$   
 $= \text{mq. } (74.29 + 101.21) = \text{mq. } 175.50$   
mq. 175.50 > mq. 174.38

**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  
= mq. 16.76