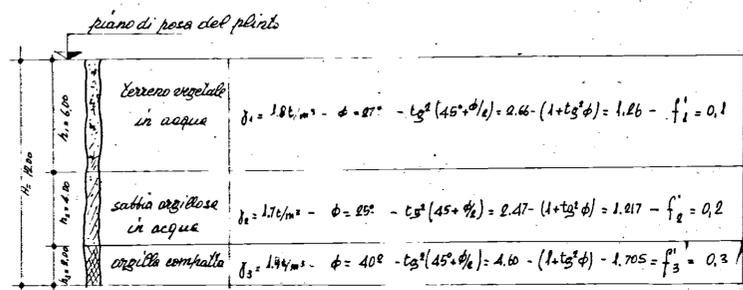


~~cooperativa~~ **domus**

pianta delle fondazioni.  
(per un solo elemento) scala 1:50

Calcoli Pali  
Veneri - Domus - Nettuno

Stratigrafia del terreno e calcolo della portata di un palo  $\phi 40$  con la formula del Döör.



$$\begin{aligned}
 P_{max} &= 1.8 \times 2.66 \times 0.125 \times 6.00 = 3.55 + \\
 &+ \frac{1}{2} \times 0.1 \times 1.8 \times 1.25 \times 1.26 \times 36 = 5.10 + \\
 &+ 1.7 \times 2.47 \times 0.125 \times 4.00 = 2.10 + \\
 &+ 0.2 \times 1.27 \times 1.25 \times (1.8 \times 0.00 + \frac{1.7}{2} \times 4) = 17.20 + \\
 &+ 1.9 \times 4.60 \times 0.125 \times 8.00 = 2.15 + \\
 &+ 0.4 \times 1.705 \times 1.25 \times (1.8 \times 6 + 1.7 \times 4 + \frac{1.9}{2} \times 8) = 32.50 \\
 &\text{Totale } 62.60 \text{ t}
 \end{aligned}$$

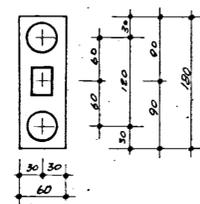
assumendo il coefficiente di sicurezza  $e = 1.5$

$$P_{amm} = \frac{P_{max}}{1.5} = \frac{62.6}{1.5} = \approx 41 \text{ t}$$

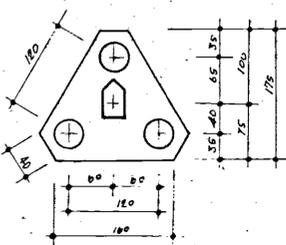
*Elementi*

- \* sono previsti pali da  $\phi 40$  cm.
- \*\* dimensioni dei pali in pianta

tipo A a due pali  $\phi 40$



tipo B a tre pali  $\phi 40$



tipo C a quattro pali  $\phi 40$

