

SCUOLE ALLIEVI UFFICIALI COMPLEMENTO

SINOSI

DI

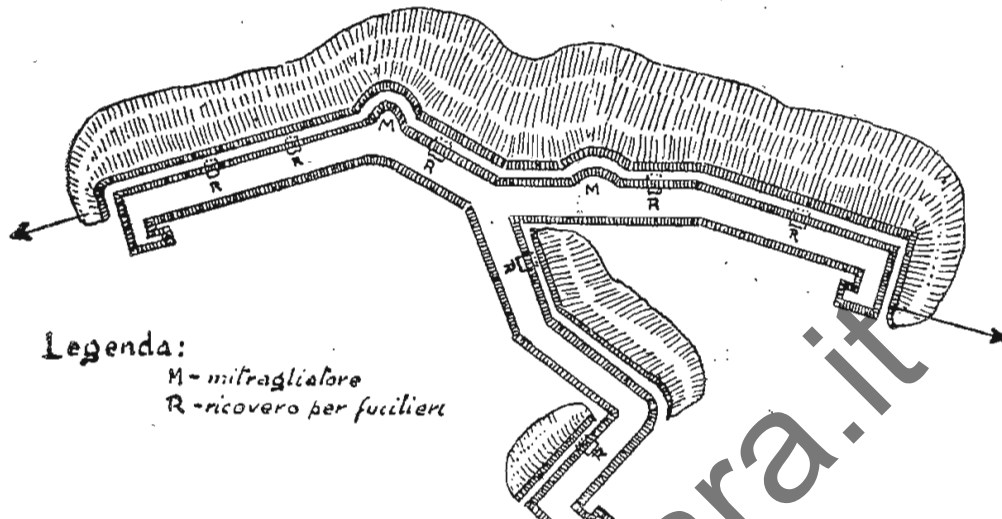
LAVORI DI FORTIFICAZIONE CAMPALE
E MEZZI TECNICI DEI PIONIERI

PARTE SECONDA - TAVOLE

ORGANIZZAZIONE DEGLI ELEMENTI ATTIVI

Fig 1A

TRINCEA CONTINUA

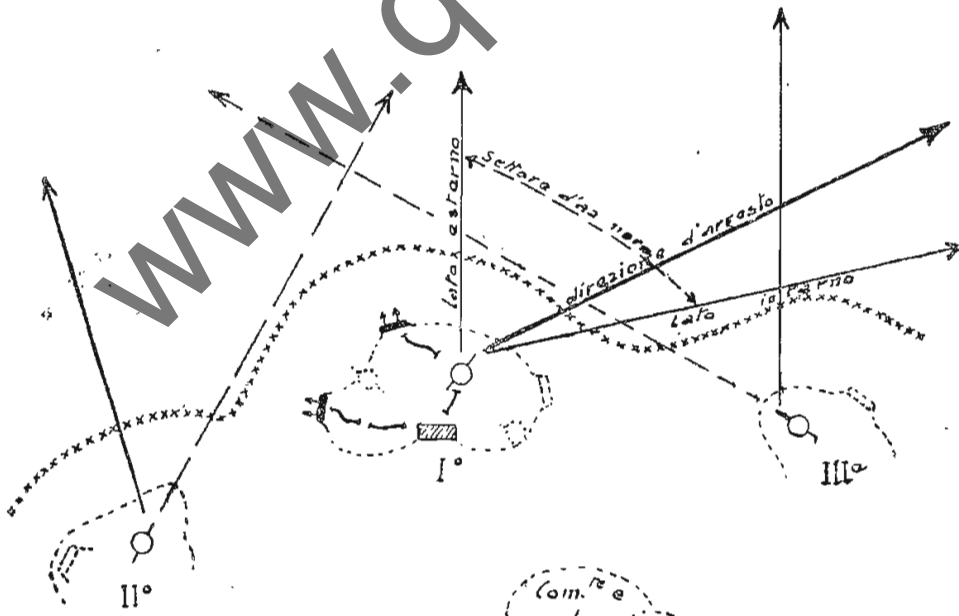


Legenda:

- M - mitragliatore
- R - ricovero per fucilieri

Fig 1B

TIPO DI "CENTRO DI FUOCO" DI SQ. FUC.



Legenda





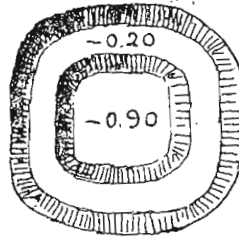
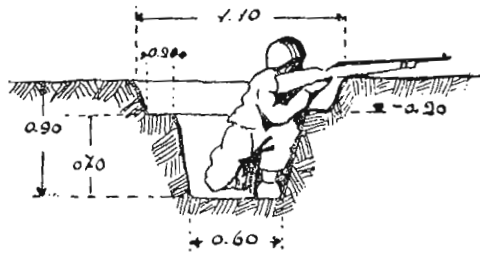
-  Postazione per fucile mitragliatore
-  " sussidiaria per fucile mitragliatore
-  Appostamento per 2 assaltatori (l'appostamento a sinistra in alto e a diretta protezione del fucile mitragliatore)
-  Appostamento sussidiario

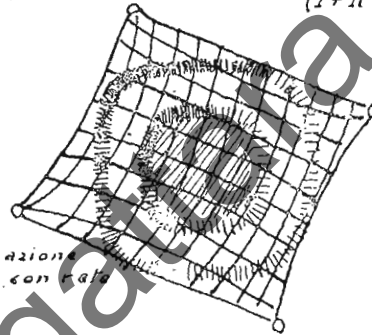
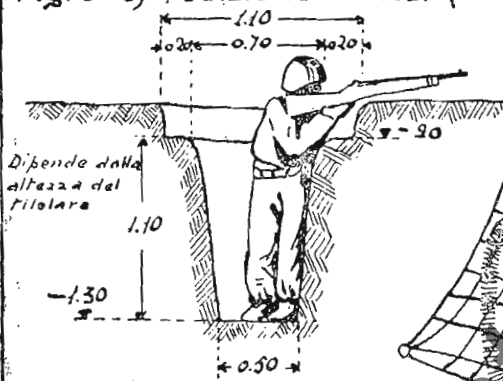
Fig. 5 b) POSIZIONE IN GINOCCHIO (rasa)



II° Tempo
Totale
(I+II)

| | | |
|------|--------|--------------------|
| 0.20 | 1 uomo | 50' |
| 0.40 | 1 uomo | 1 ^h 43' |

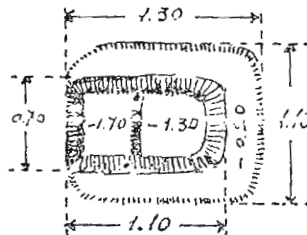
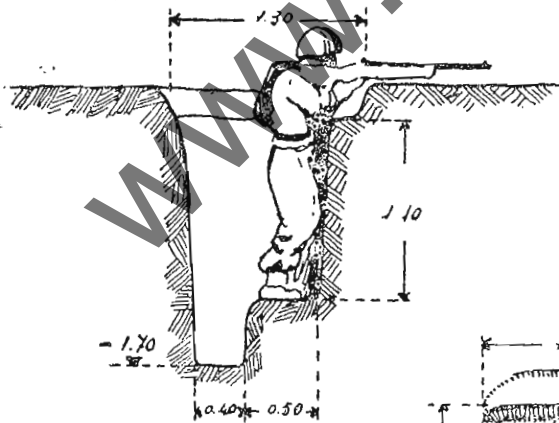
Fig. 6 c) POSIZIONE IN PIEDI (rasa)



III° Tempo
Totale
(I+II+III)

| | | |
|------|--------|----------------|
| 0.10 | 1 uomo | 15' |
| 0.50 | 1 uomo | 2 ^h |

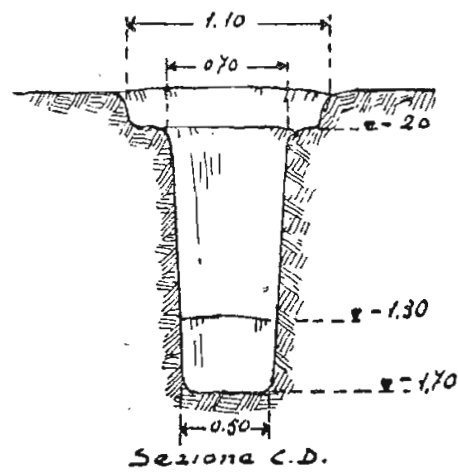
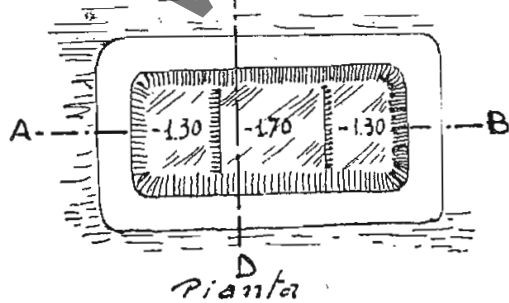
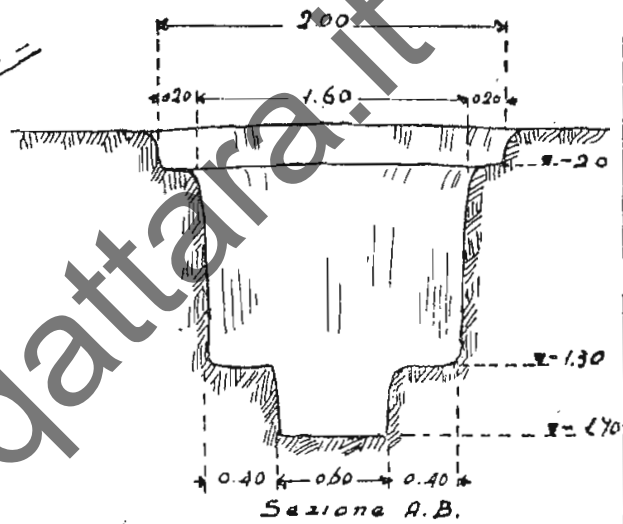
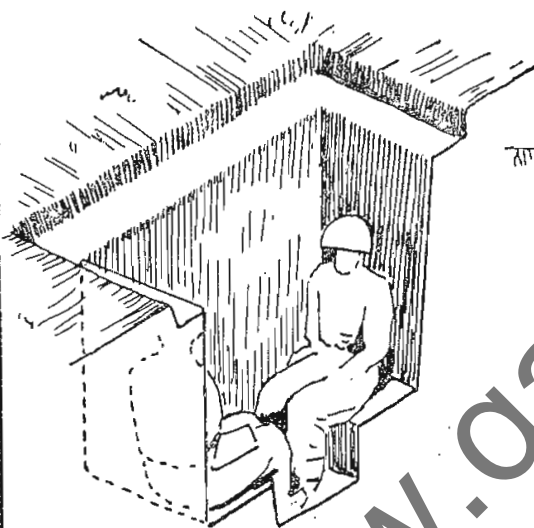
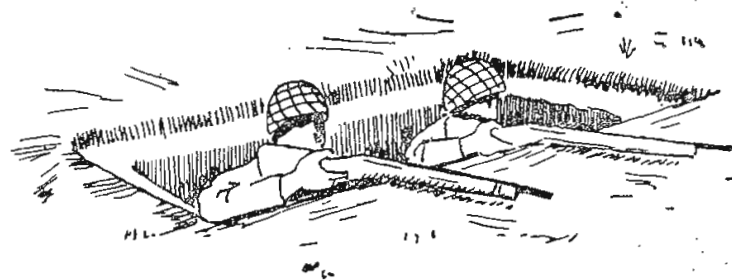
Fig. 7 d) IN PIEDI CON POSIZIONE DI RIPOSO



IV° Tempo
Totale
(I+II+III+IV)

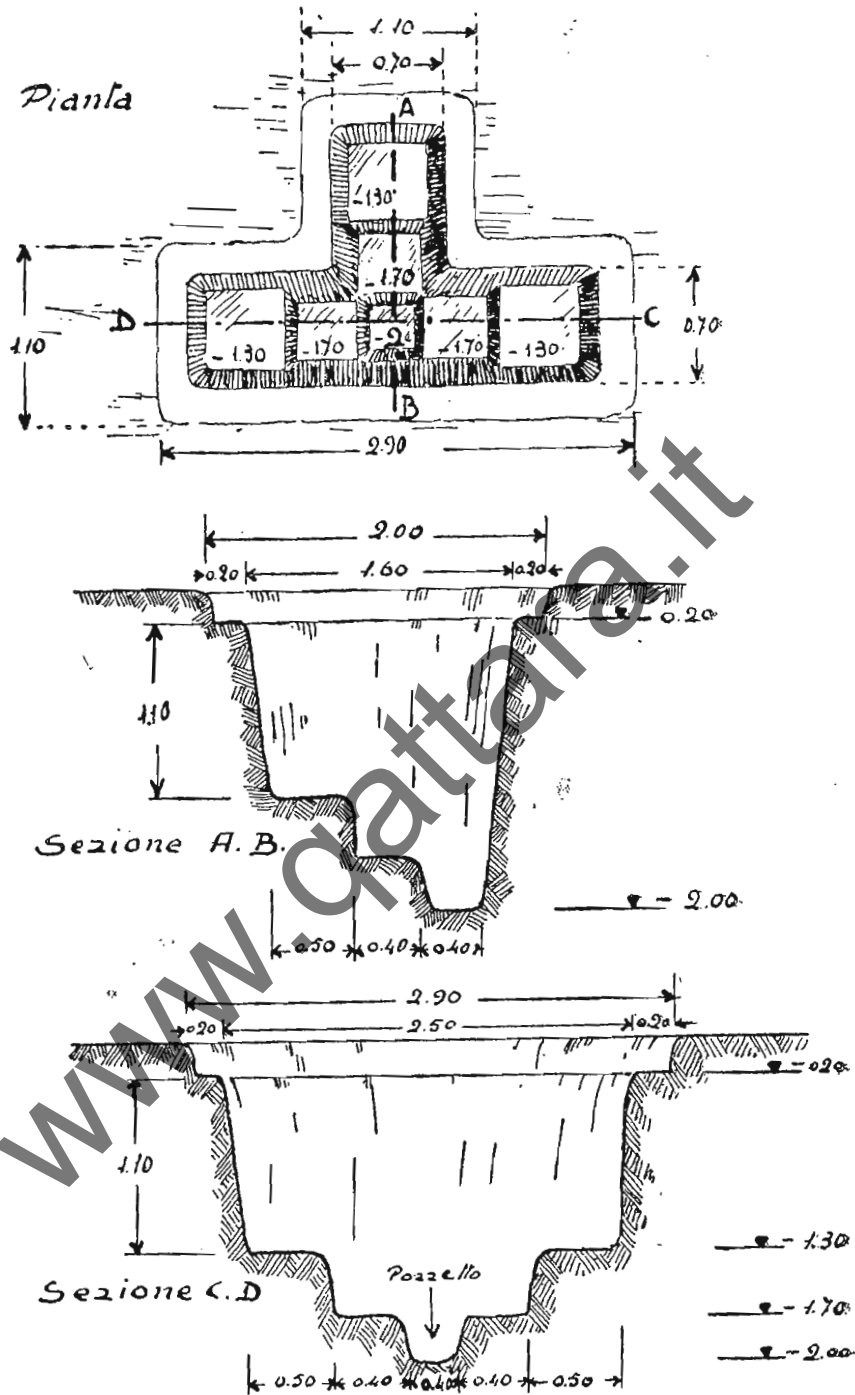
| | | |
|------|--------|----------------|
| 0.50 | 1 uomo | 2 ^h |
| 1 | 1 uomo | 4 ^h |

Fig. 8 APPOSTAMENTO PER 2 TIRATORI



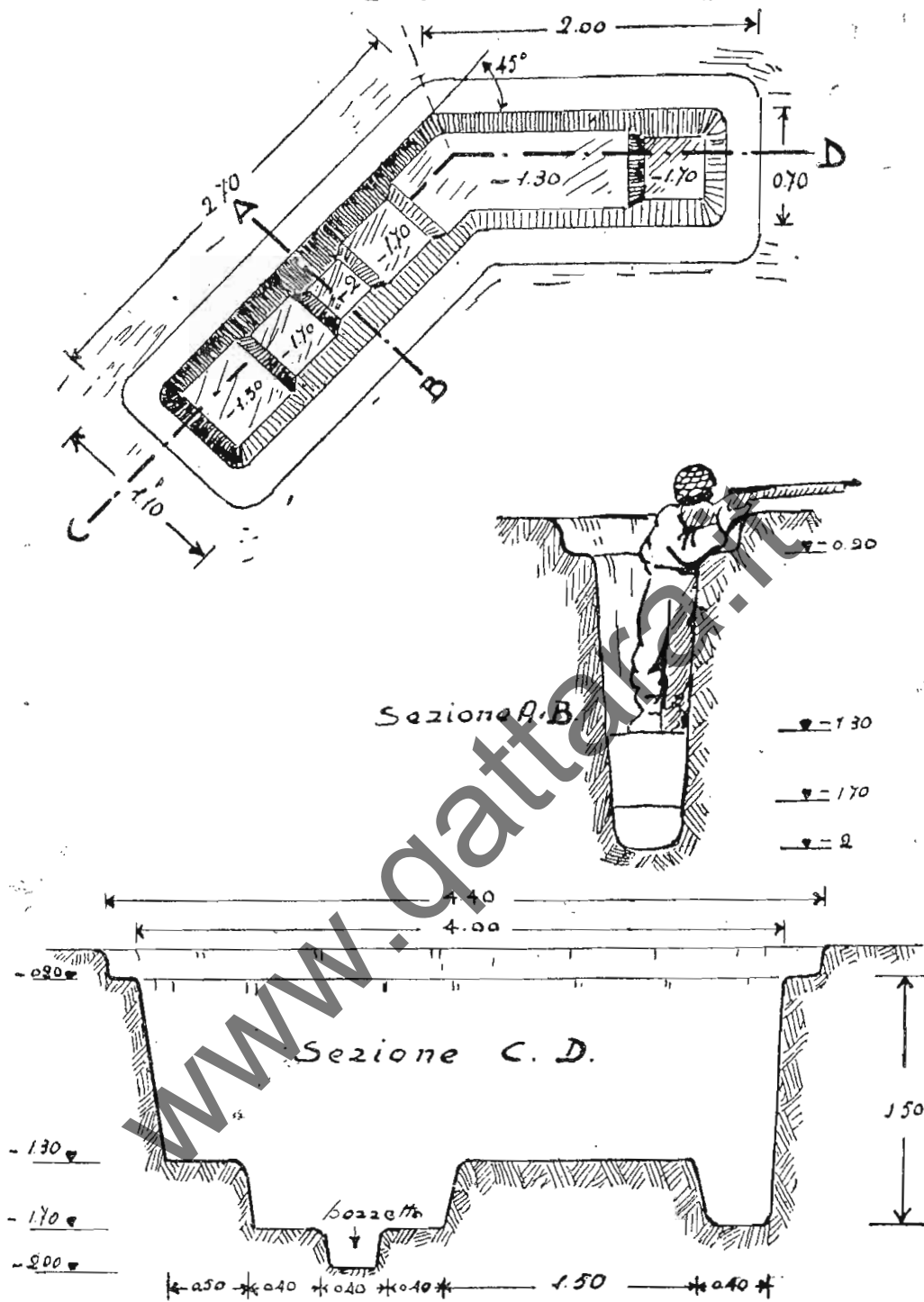
| | | |
|-----------------|-----------------------|-----|
| Scavo | m ³ circa | 1,5 |
| Unità di lavoro | N ^o uomini | 2 |

Fig. 9 APPOSTAMENTO PER 3 TIRATORI A CROCE



| | | |
|-----------------|----------------------|--------------------|
| Scavo | m ³ circa | 4 |
| Unità di lavoro | N° uomini | 3 |
| Tempo di scavo | circa | 5 ^h 30' |

Fig 10 APPOSTAMENTO PER 3 TIRATORI A "V."

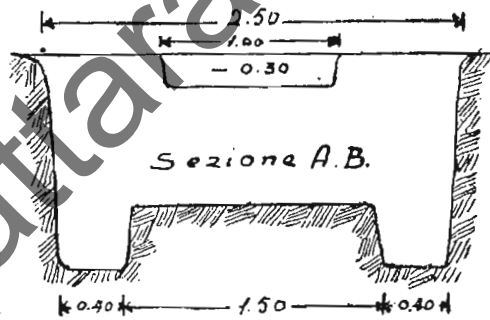
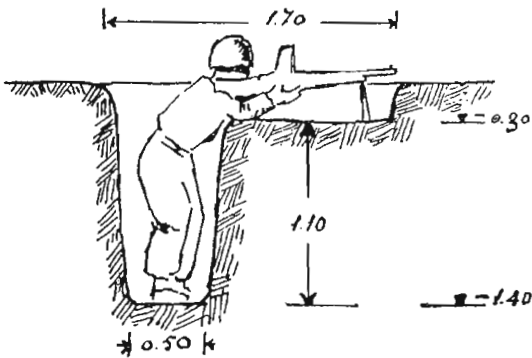
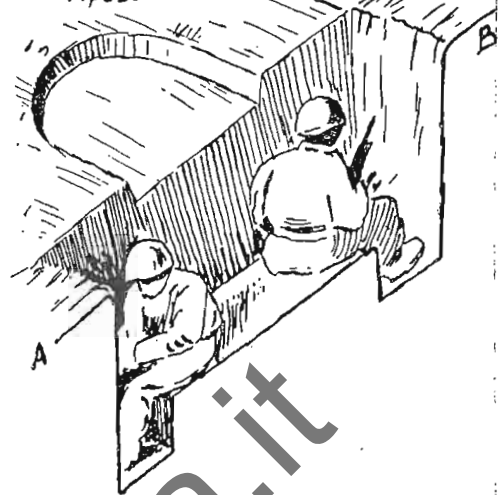


| | | |
|-----------------|-----------------------|--------------------|
| Scavo | m ³ circa | 4 |
| Unità di lavoro | N ^o uomini | 3 |
| Tempo di scavo | circa | 5 ^h 30' |

Fig. 11 POSTAZIONE PER FUCILE MITRAGLIATORE

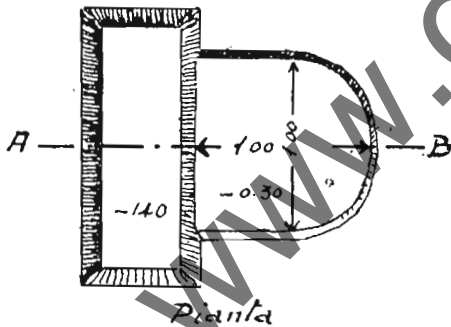
A: 1° Tempo: Allo scoperlo - senza posizione di riposo

B: 2° Tempo: Allo scoperlo con posizione di riposo

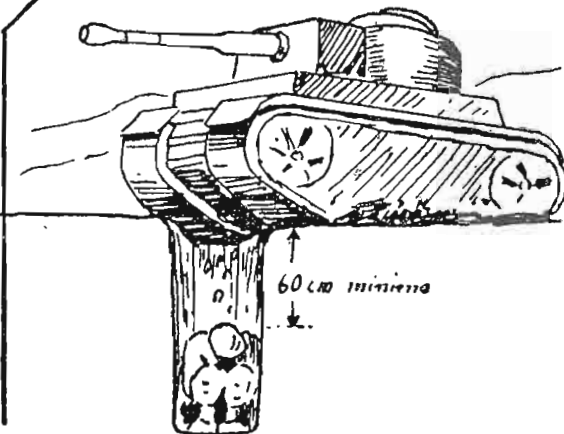


Sezione A.B.

Sezione A.B.



Pianta



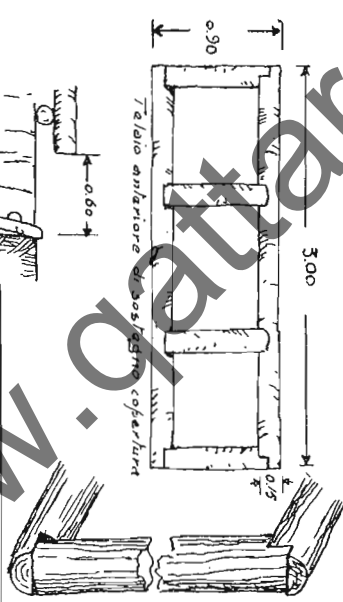
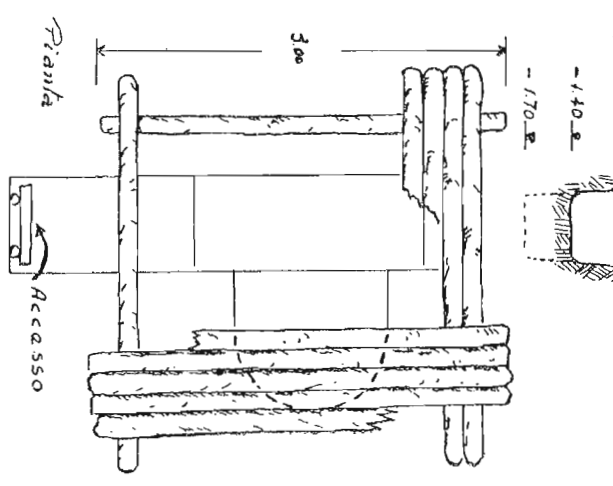
| | | | | | | | |
|-----------------|----------------------|----------|--------------------|----------|----------------|--------------|--------------------|
| Scavo | m ³ circa | 1° Tempo | 4.7 | 2° Tempo | 7 | Totale 1°+2° | 2.7 |
| Unità di lavoro | N° uomini | " " | 2 | " " | 2 | " " | 2 |
| Tempo di scavo | circa | " " | 3 ^h 30' | " " | 2 ^h | " " | 5 ^h 30' |

Fig. 12.A

POSTAZIONE PER FUCILE MITRAGLIATORE
3° Tempo - (CON LEGGERO BLINDAMENTO)



Sezione A, B



Particolare dell'accesso

Materiali per copertura

| | |
|--|-------|
| Tondolini in m. 15 (lung. 1,35) | N° 41 |
| " 1 - per tavolo | " 1 |
| " 1 - appoggio posteriore | " 2 |
| " 2 - " laterali | " 2 |
| " 40 - copertura | " 40 |
| Tavolo 47 | N° 30 |
| Sacchi di ferro | " 60 |
| Arpesi | " 50 |
| Reggiti metallici (con chiodi da 5 cm) | Hg 2 |

Scavo

| | | | |
|----------------|-----------|--------------------------|-------------------------|
| par' l'accesso | III Tempo | Totale complessivo I-III | con l'occupazione scavo |
| mc. 12 | | mc. 4 | 104 |

Fig. 12.B

ESEMPI DI COLLEGAMENTO DI UNO STRATO DI BLINDAMENTO

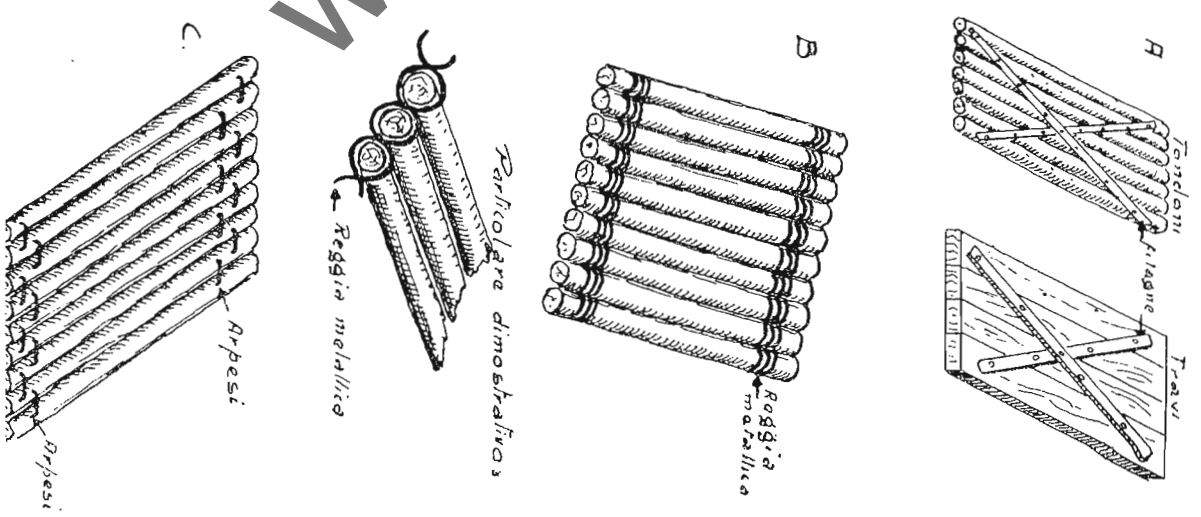


Fig 15 POSTAZIONE PER BAZOOKA



Scavo mc. 3
 Unità di lavoro uom. 2
 Tempo occorrente ora 6

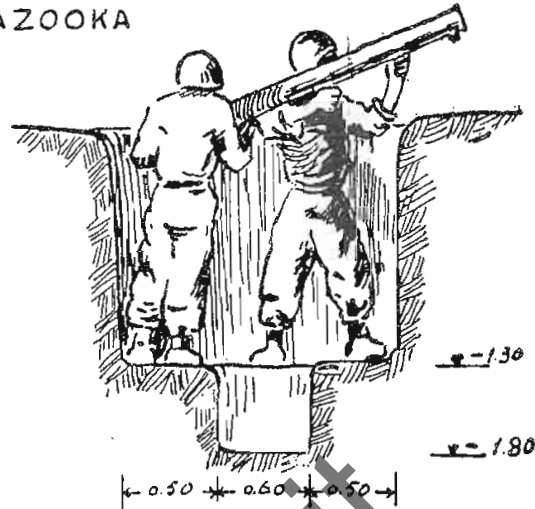
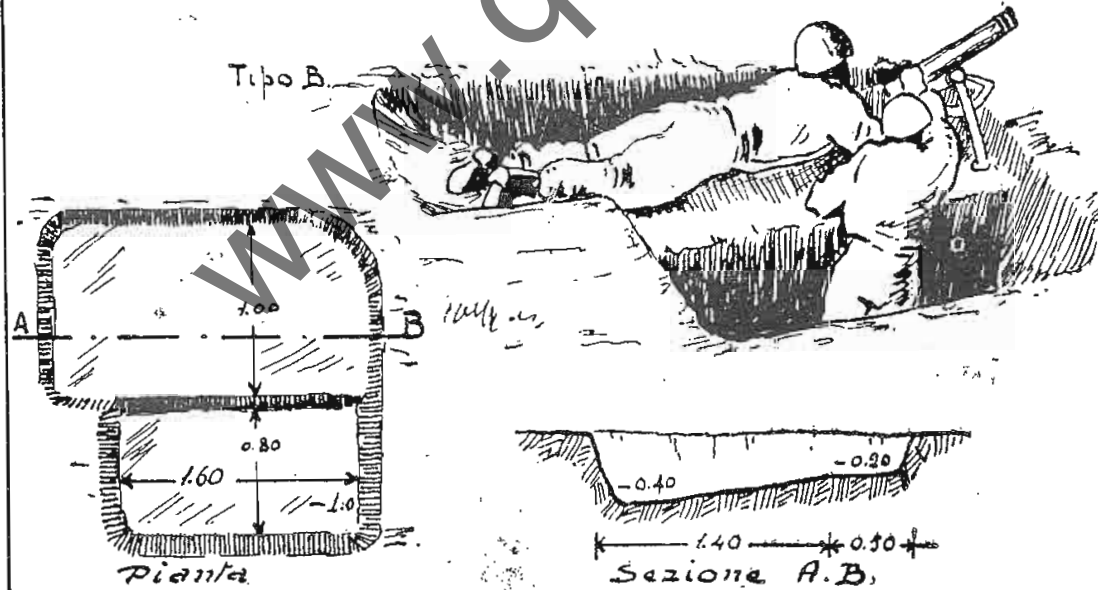


Fig 16 POSTAZIONE PER MORTAIO LEGGERO.



Per ciascuno dei due tipi

Scavo mc. 2
 Unità di lavoro uom. 2

Fig. 17 POSTAZIONE PER MORTAIO DA 81 mm.

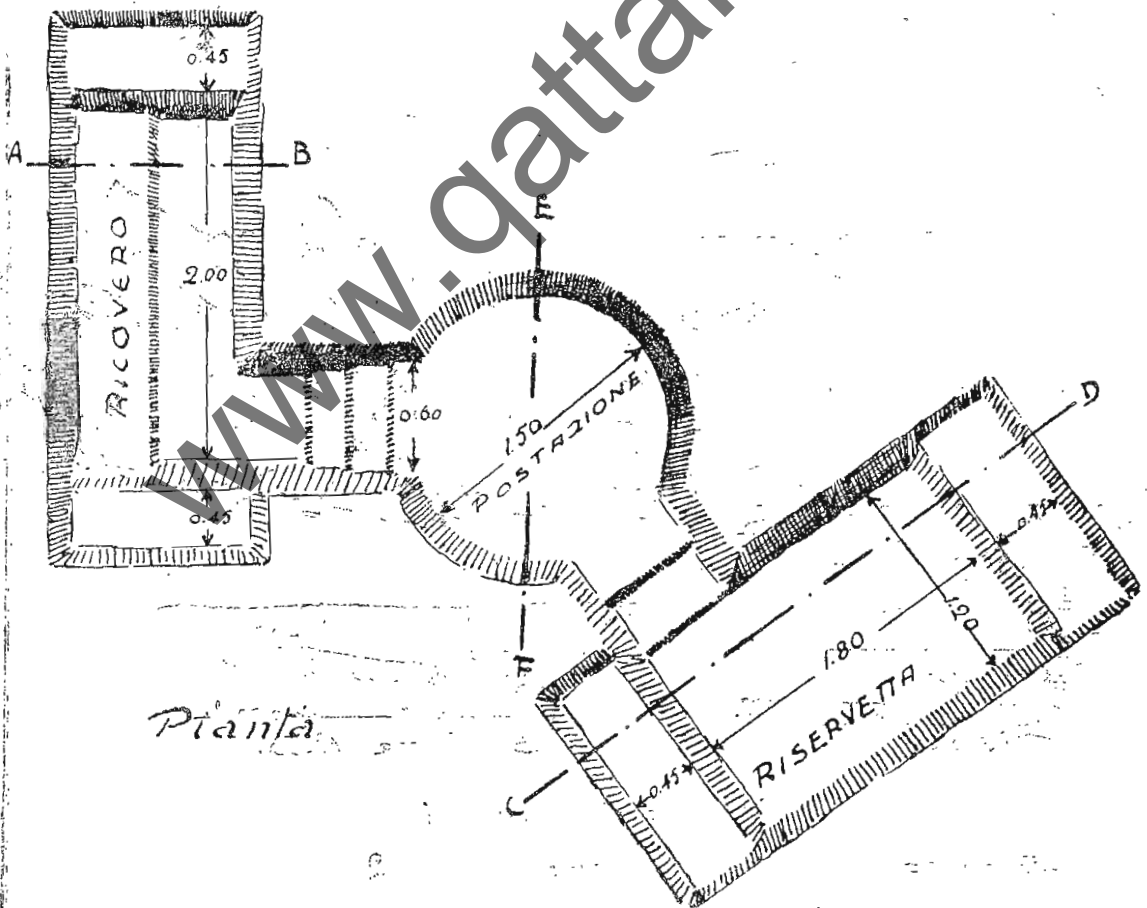
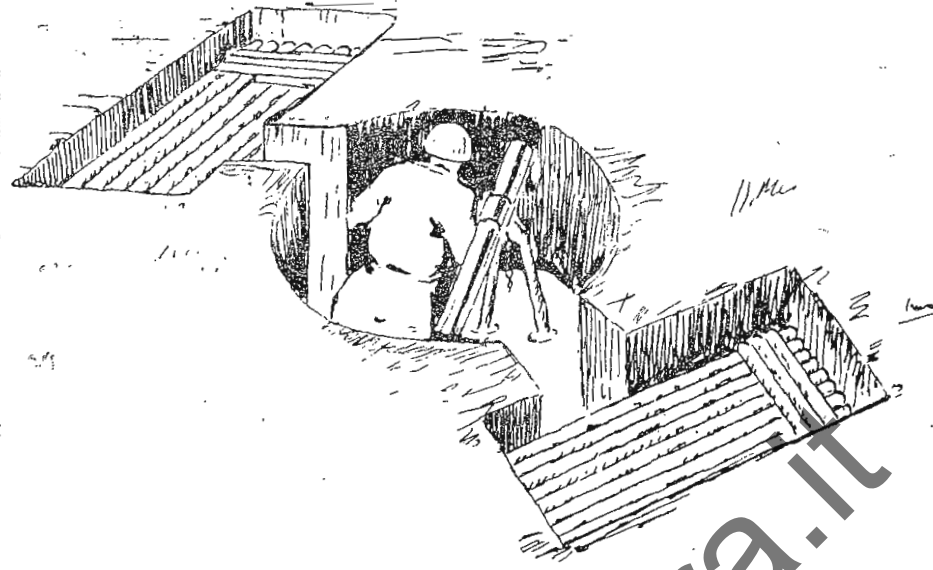
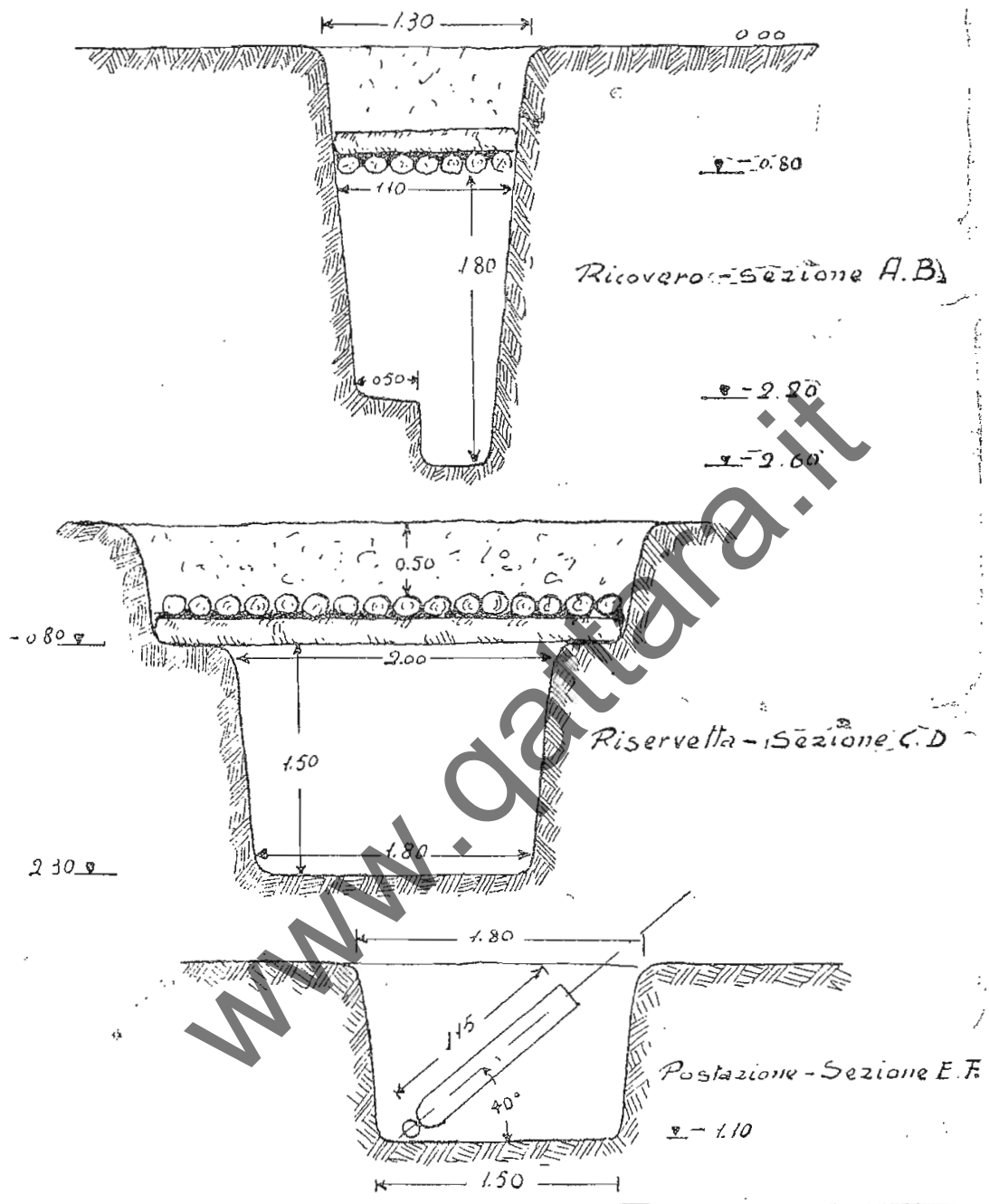


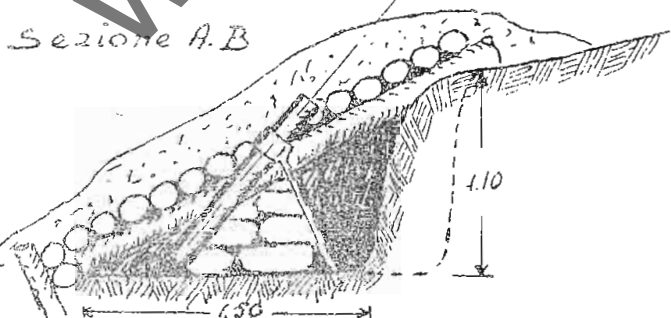
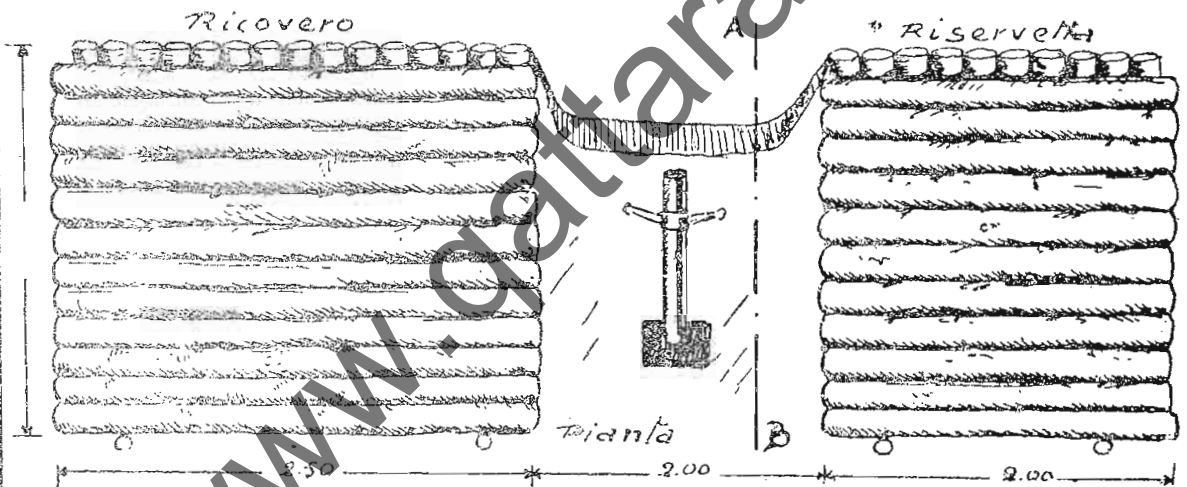
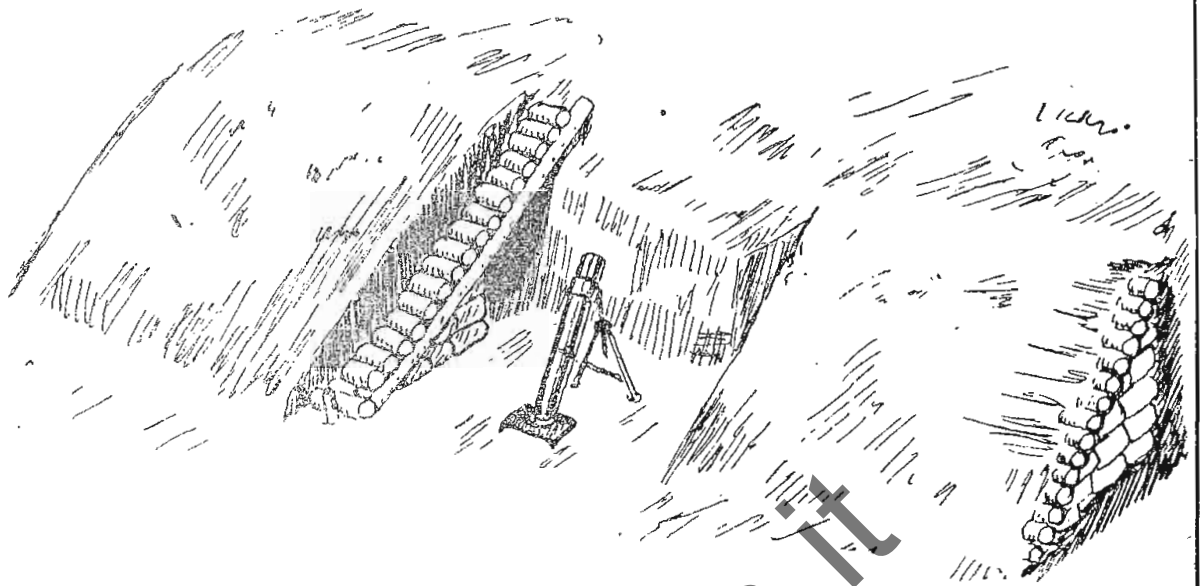
Fig. 17 Bis. POSTAZIONE PER MORTAIO DA 81 mm. - SEZIONI -



| | Quantità | Tempo ore | Peso Kg |
|-------------------------|-------------------|-----------|---------|
| Unità di lavoro | 3 | = | = |
| Scavo | mc 17 | 14 | = |
| Tondoni (= 0.19) da m 3 | 35 | = | 1.400 |
| Arpesi | 70 | = | 28 |
| Cartone calcestruzzo | m ² 16 | = | = |

Fig 18

POSTAZIONE PER MORTAIO DA 81 mm.



| | QUANTITA' | TEMPO ora | PESO Kg. |
|------------------------|-------------------|--------------|-------------|
| Unità di lavoro | 3 | ≠ | " |
| Scavo | m ³ 5 | 4 | 2 |
| Tondi (ø 015) da m. 2 | 13 | " | 325 |
| " (ø 015) " " 3 | 40 | " | 1600 |
| Arpesi | 100 | " | 40 |
| Cartone salomato | m ² 10 | " | " |
| Sacchi a terra | 50 | " | 15 |
| Tempo per la copertura | " | 10 | " |
| TOTALE | | 14 | 1983 |

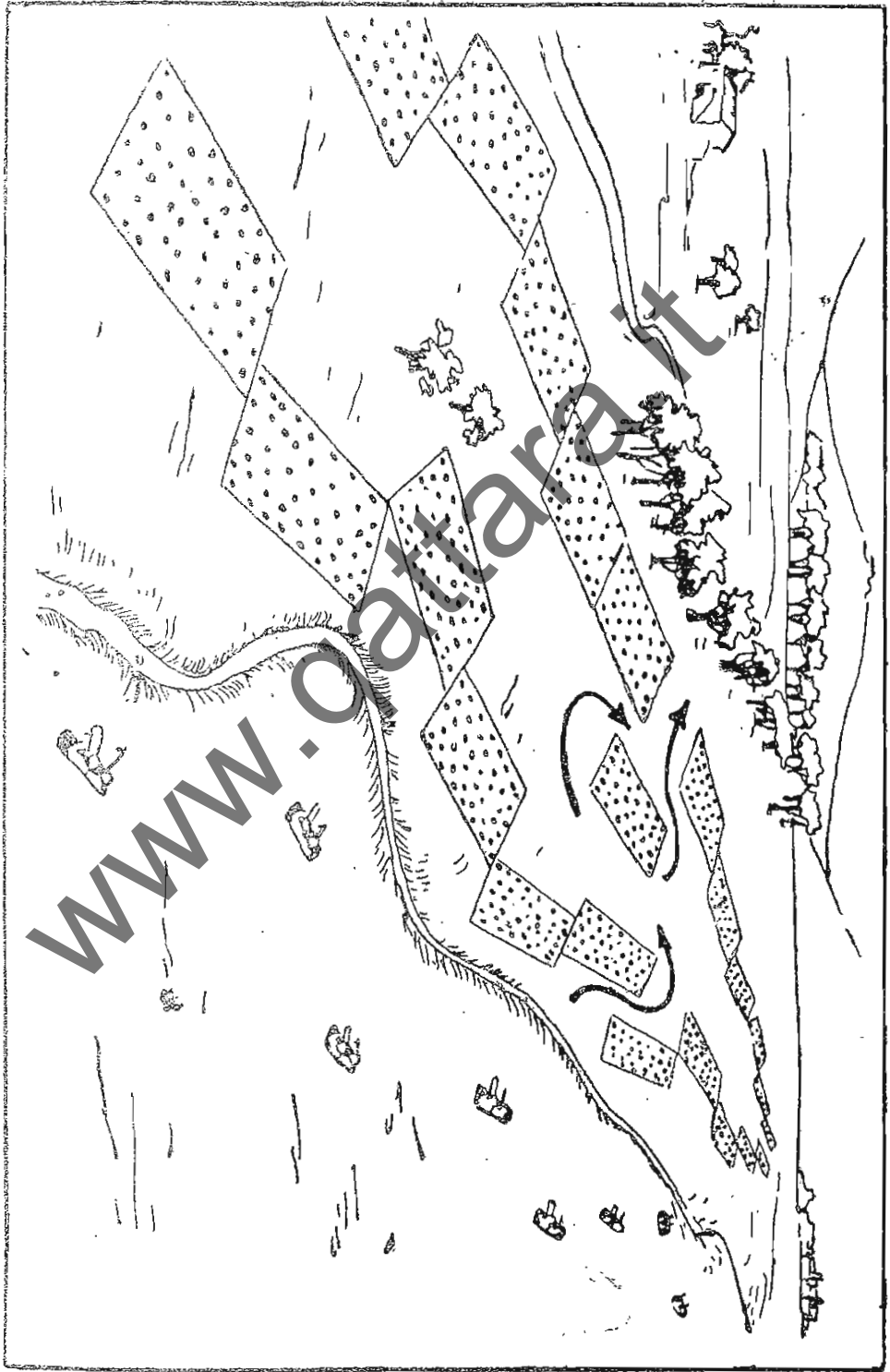


Fig. 13 — Esempio di campo minato su due fasce

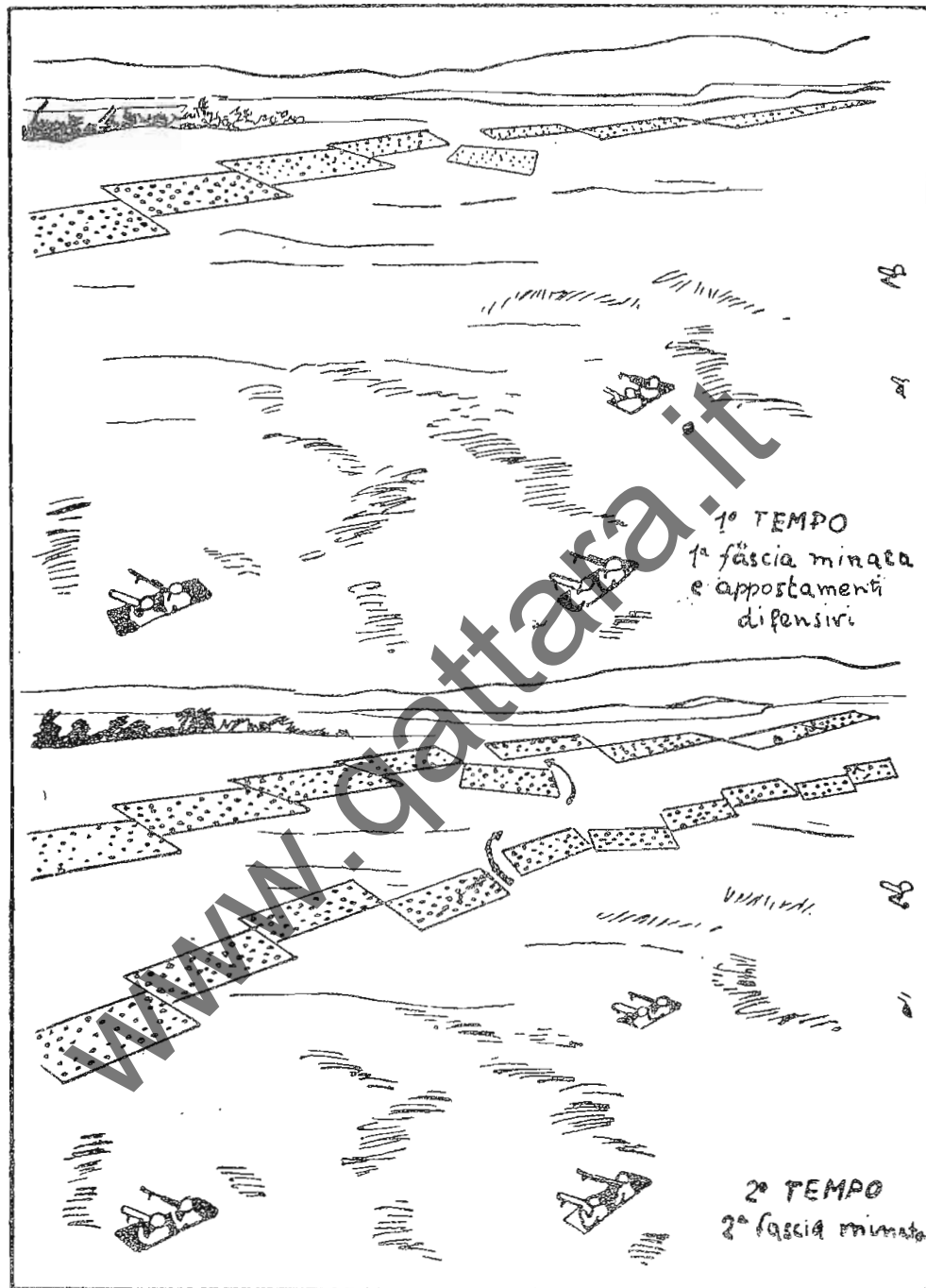


Fig. 20 — Progressività dei lavori per la posa di un campo minato su due fasce

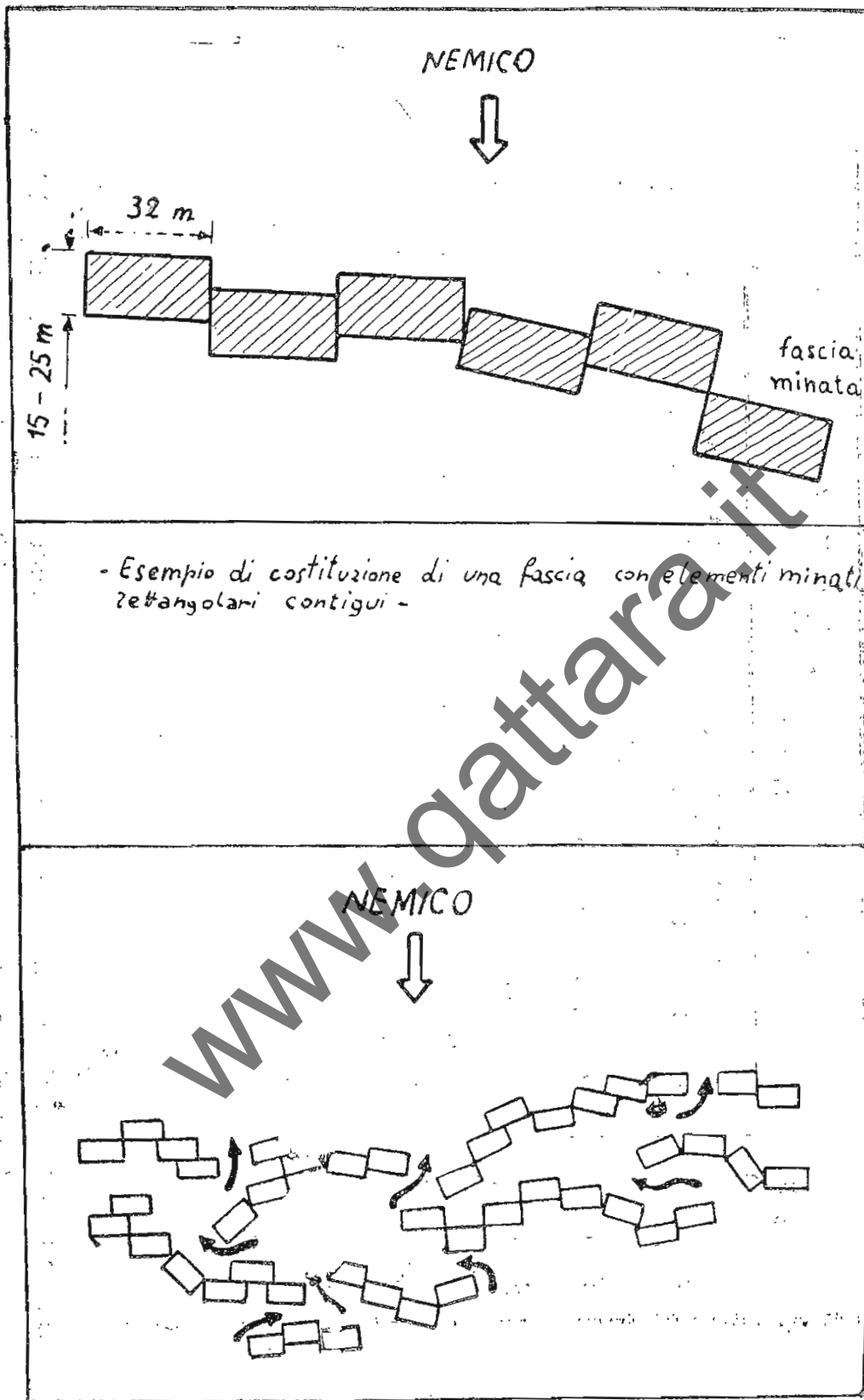


Fig. 21.22 — Esempio di disposizione irregolare sul terreno degli elementi minati

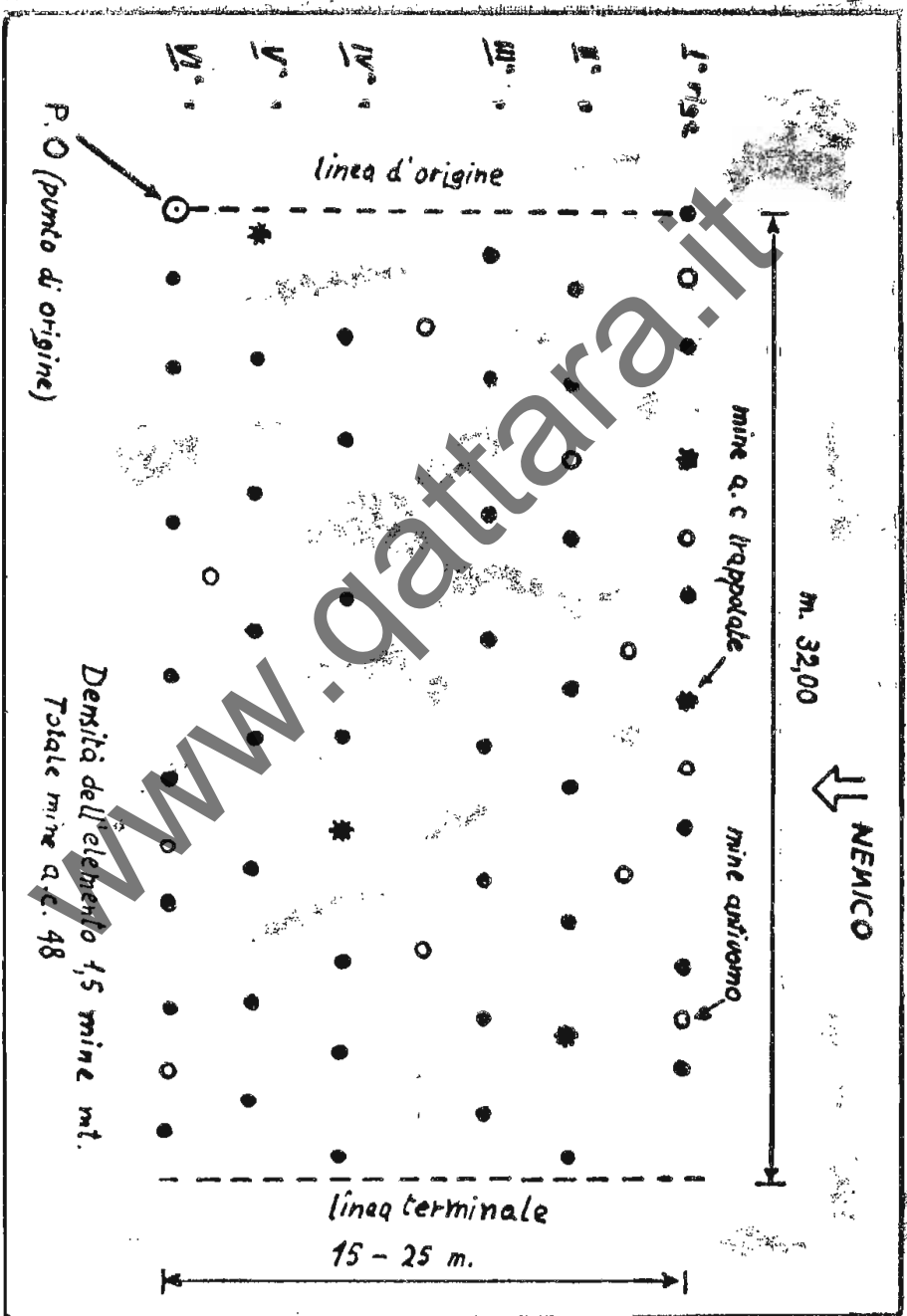


Fig. 23 — Costituzione dell'elemento anticarro regolamentare con esempio di disposizione delle mine a. c. trappolate e delle mine antiuomo sparse

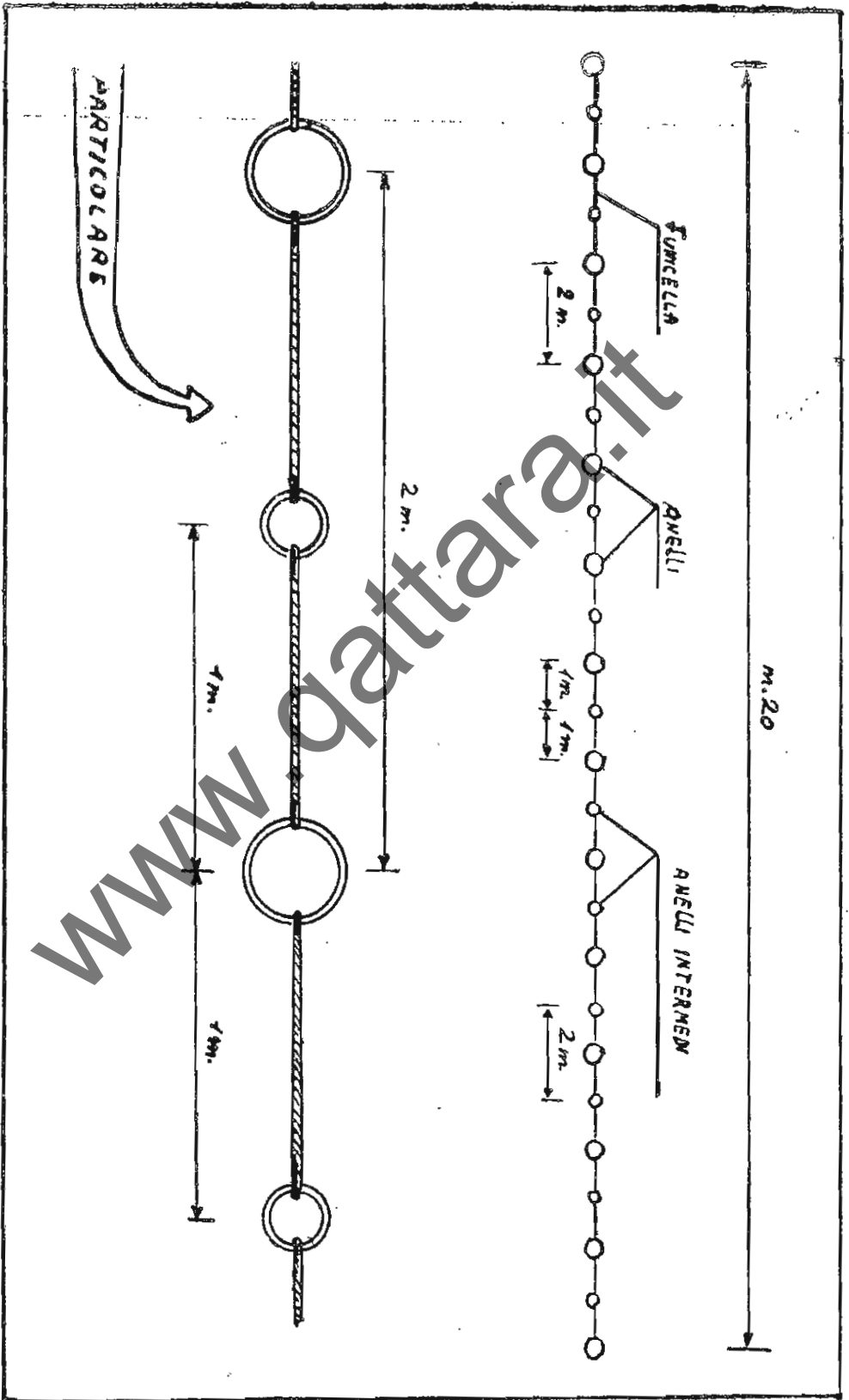


Fig. 24 — Nastro d'origine regolamentare

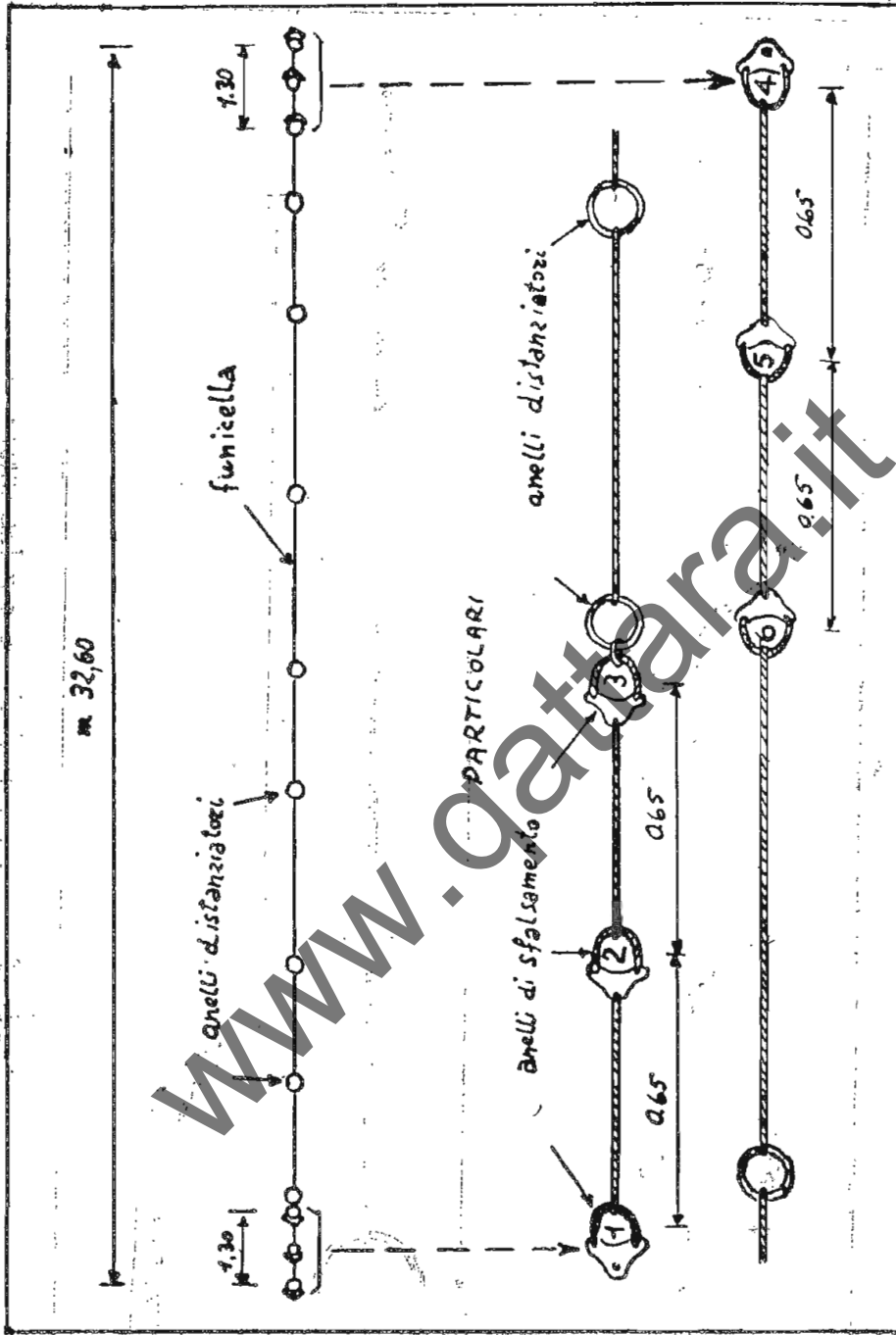


Fig. 25 — Nastro distanziatore regolamentare

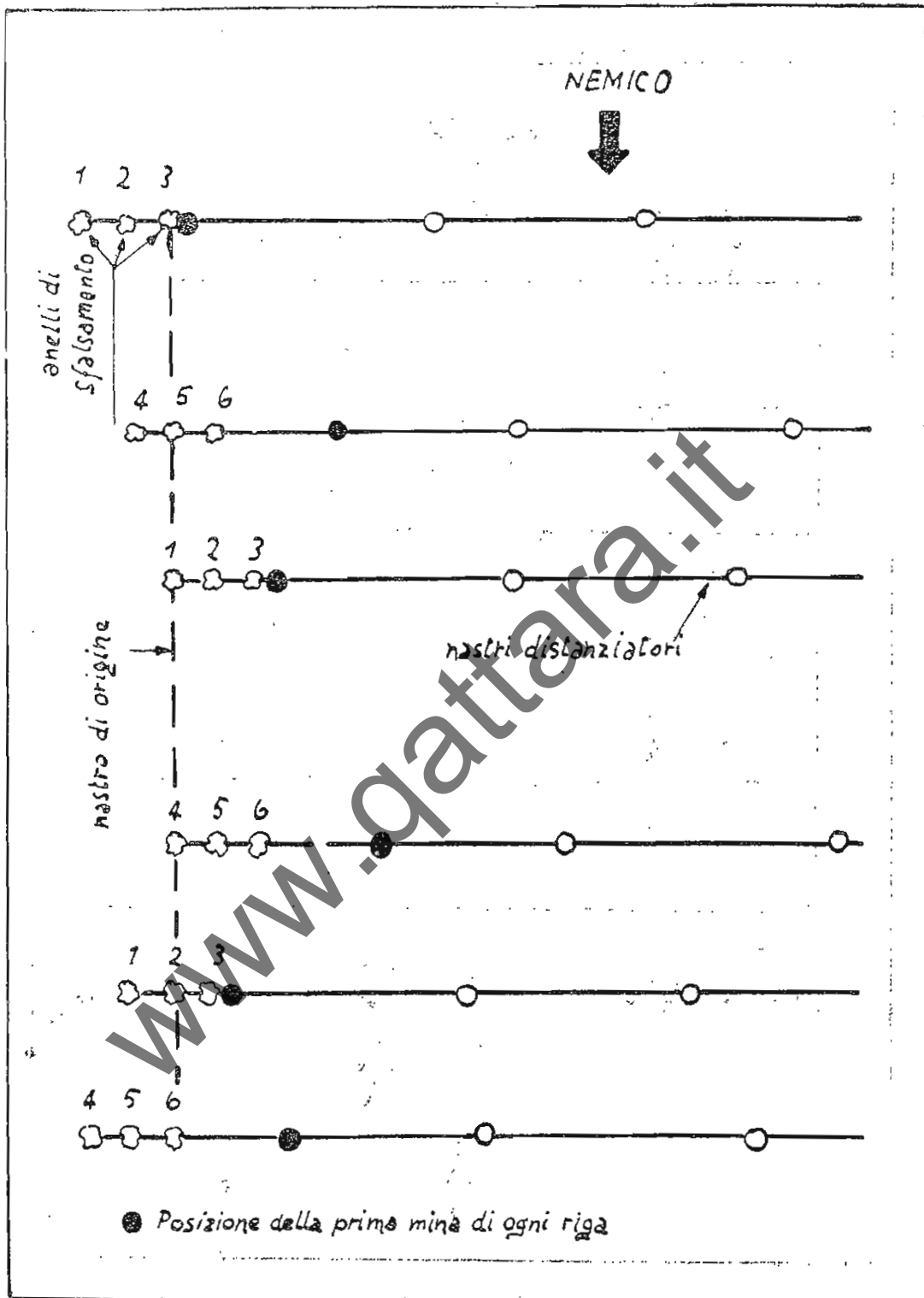


Fig. 26 — Disposizione dei nastri distanziatore per un elemento con numero chiave 351426

Disposizione delle coppie posamine per la presa di un elemento minato regolamentare

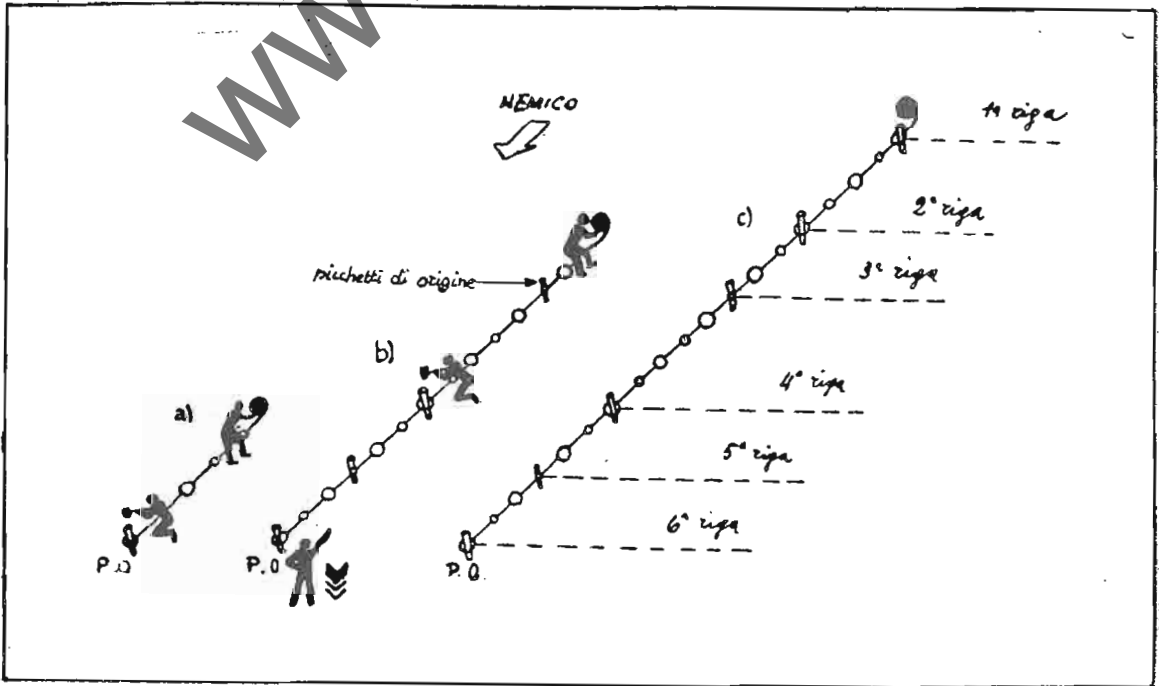
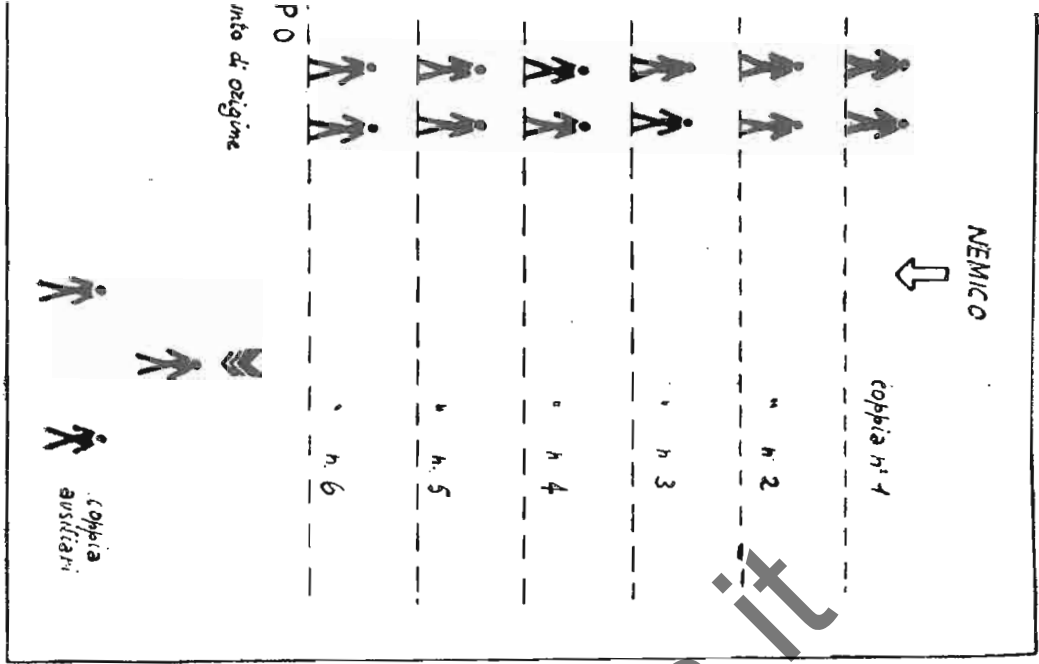


Fig. 28 — Stendimento del nastro d'origine

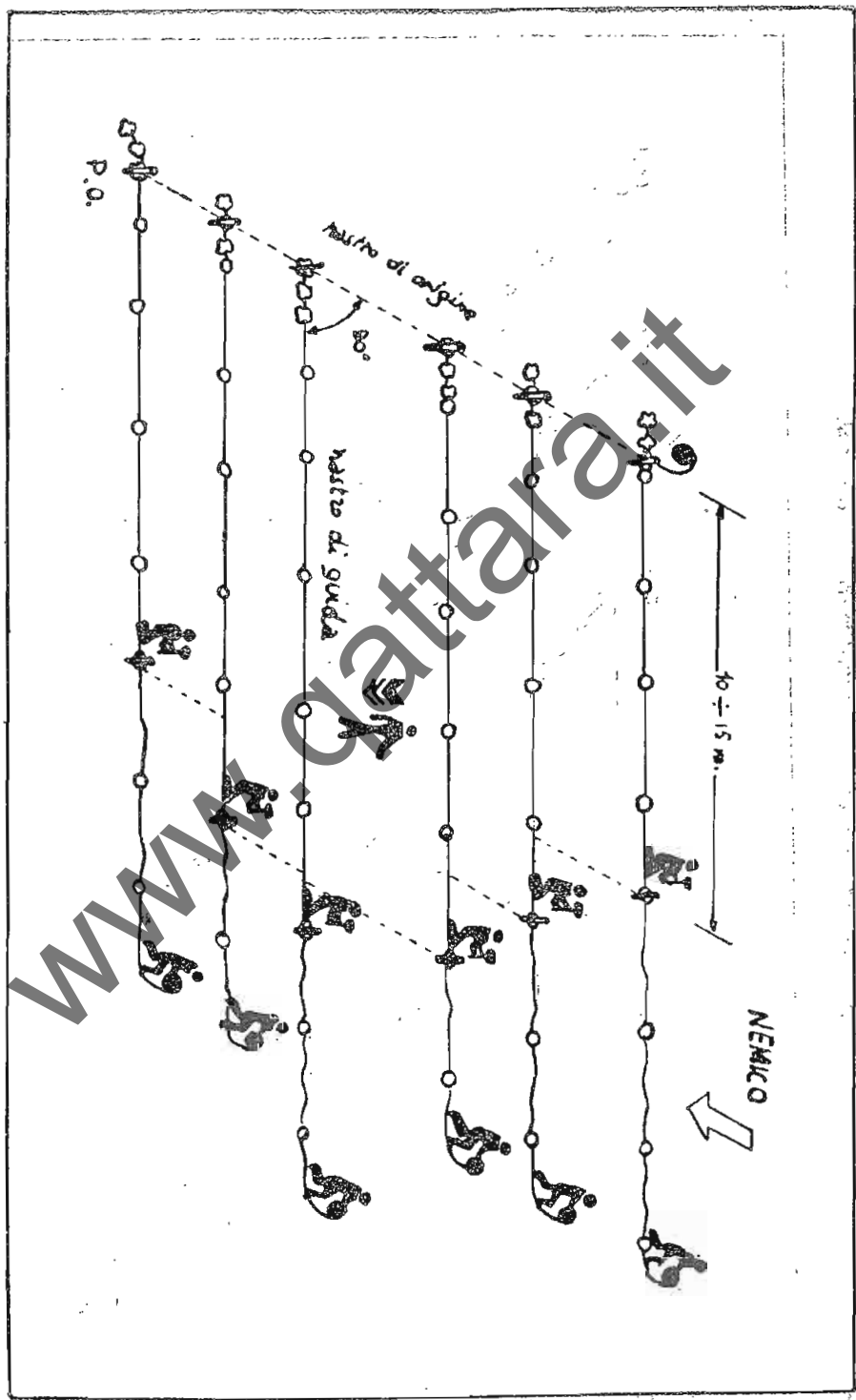


Fig. 29 — Stendimento di nastri distanziatori

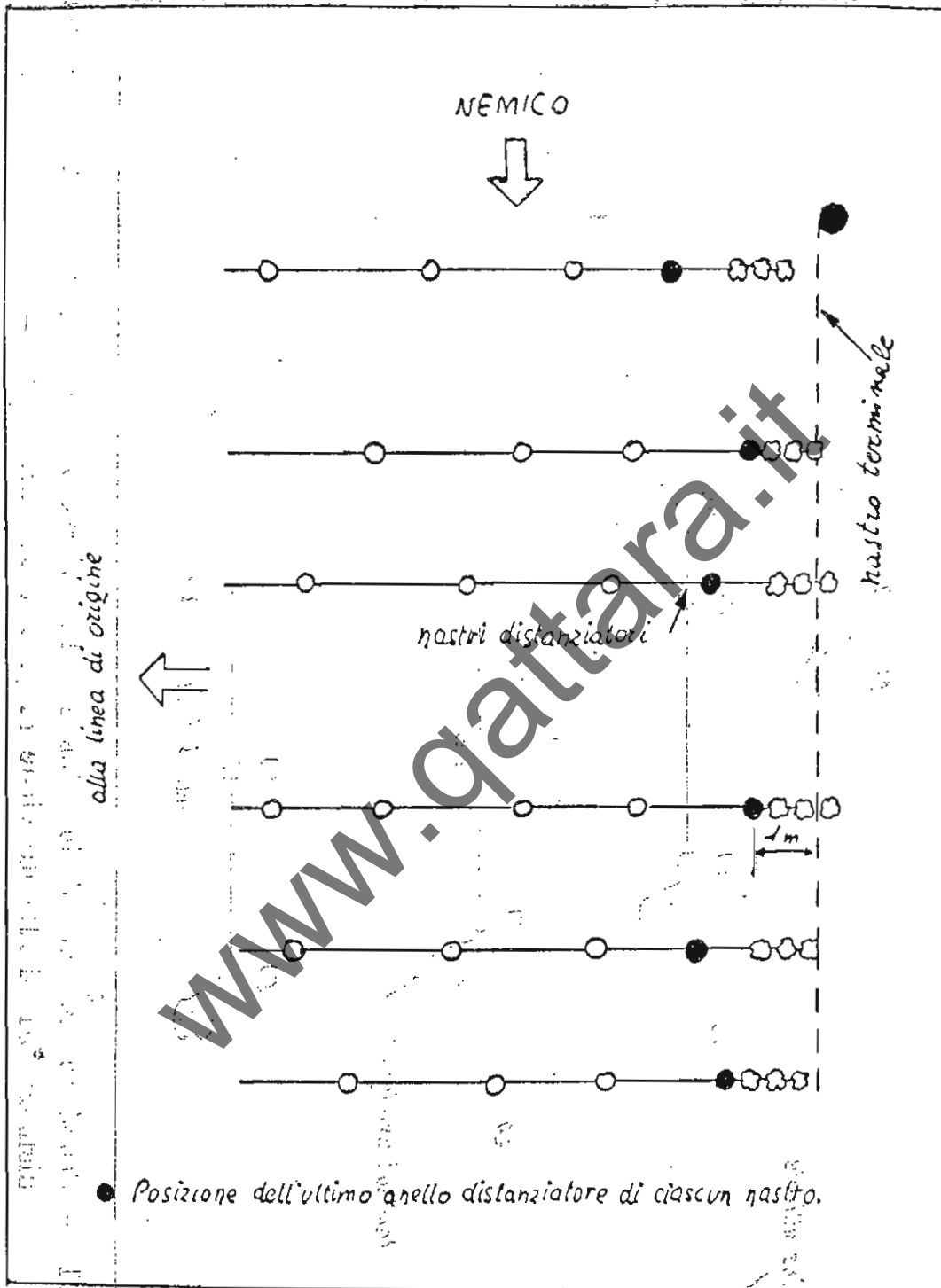


Fig. 30 — Stendimento del nastro terminale

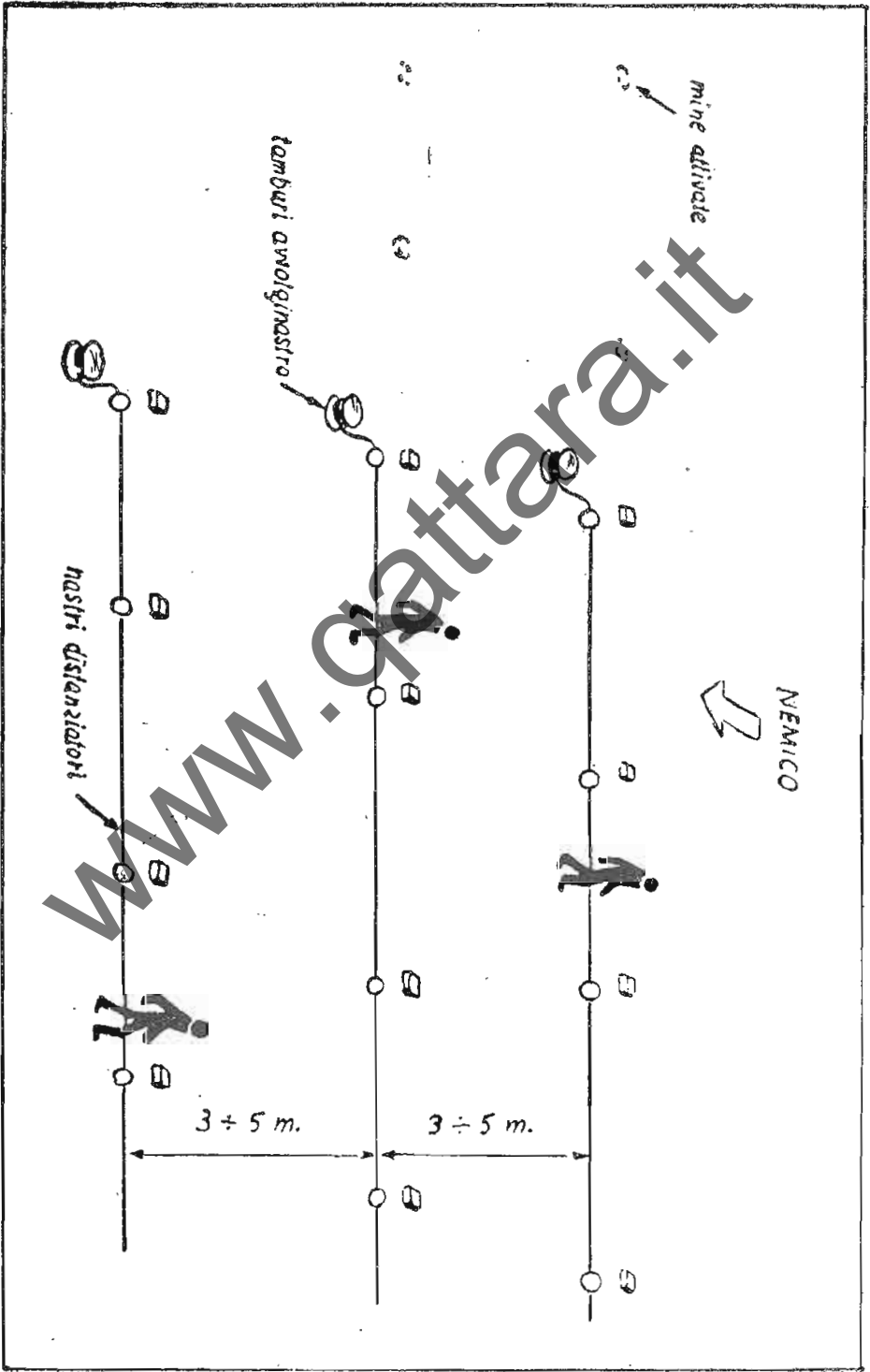


Fig. 31 — Posizione reciproca delle mine e del movimento degli uomini rispetto ai nastri distanziatori ed alla direzione di provenienza del nemico

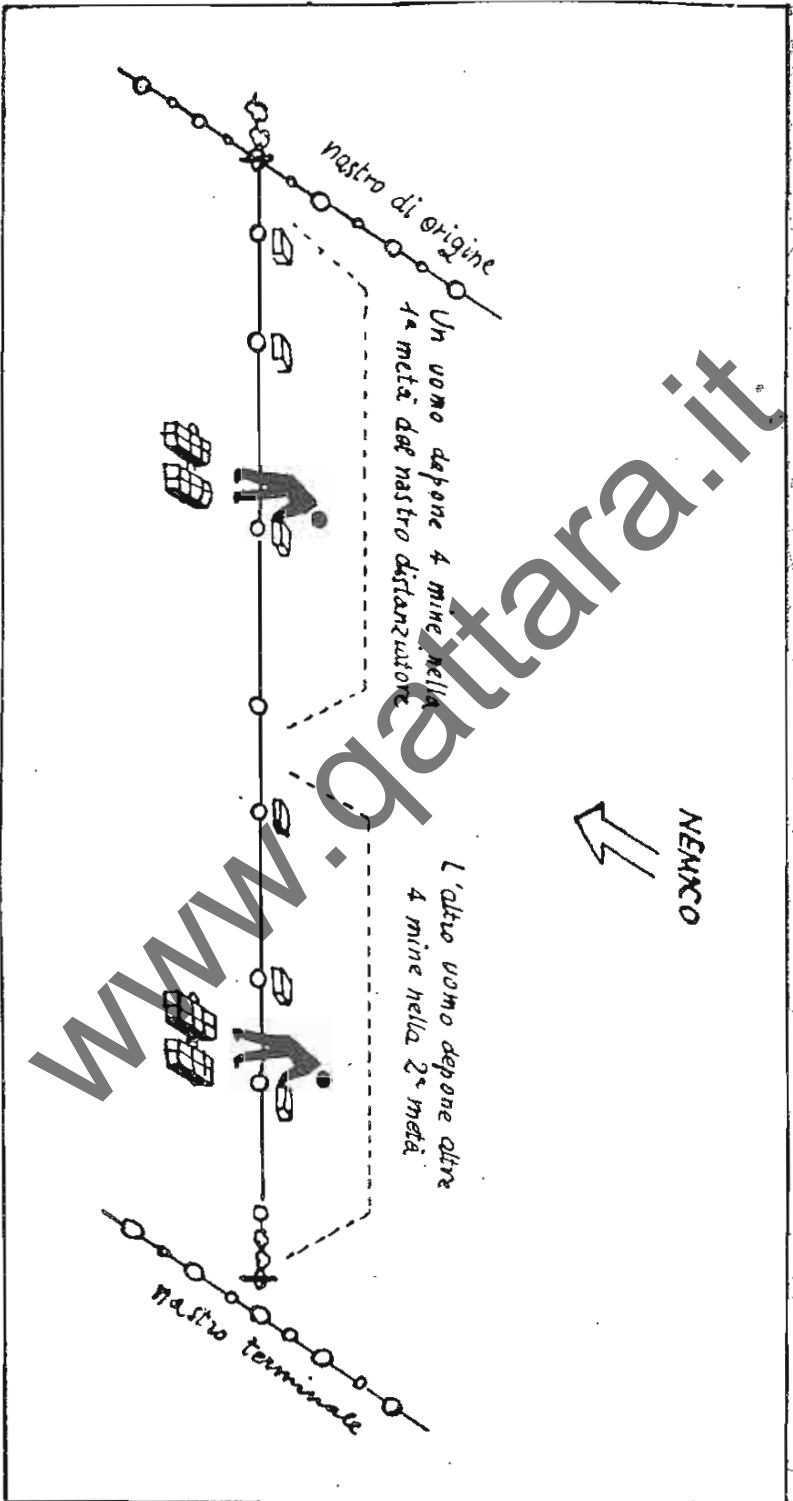


Fig. 32 — Posa di una riga di mine anticarro

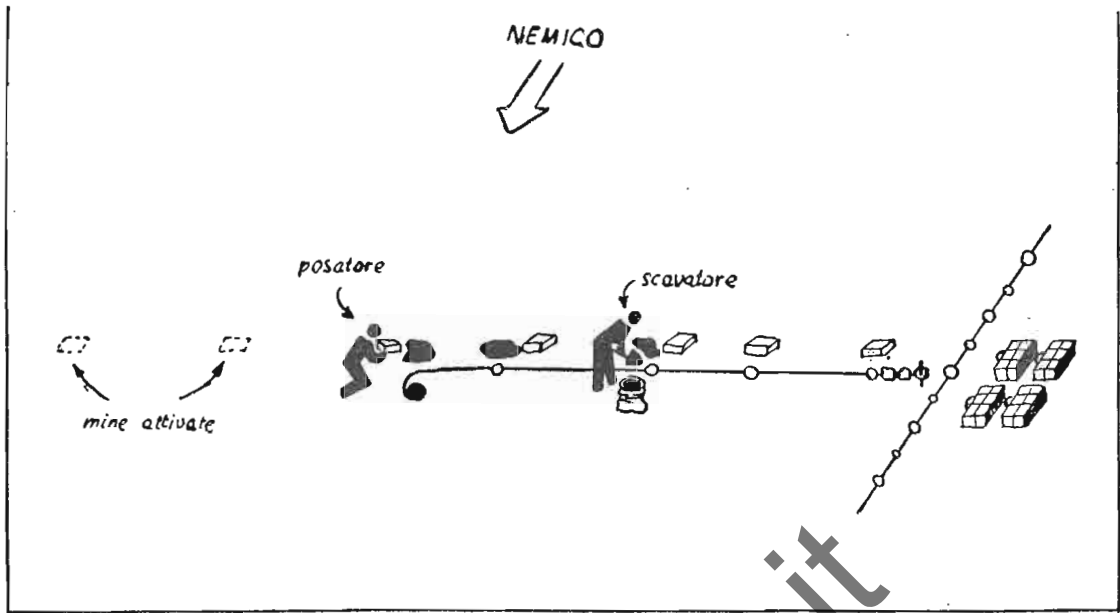
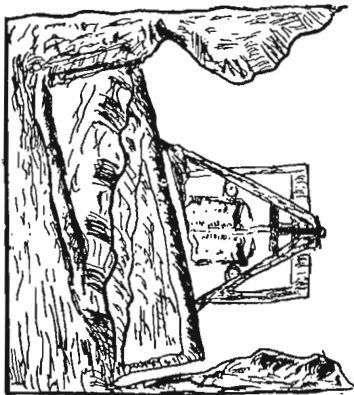
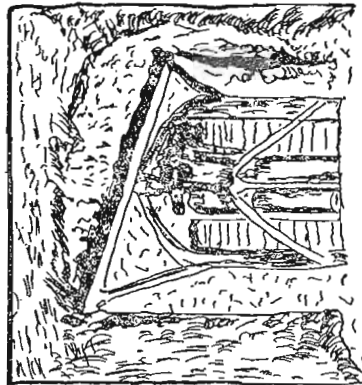


Fig. 33 — Posa di una riga di mine anticarro

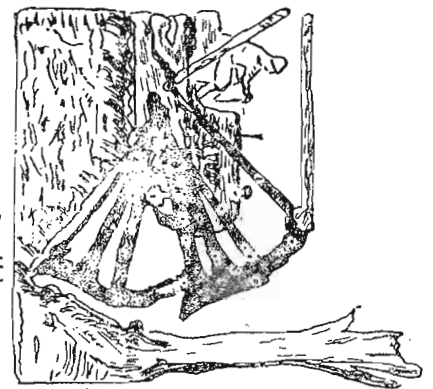
www.gattara.it



Tiltadozer
Fig. 36



Anglodozer
Fig. 35



Bulldozer
Fig. 34

CATERPILLAR

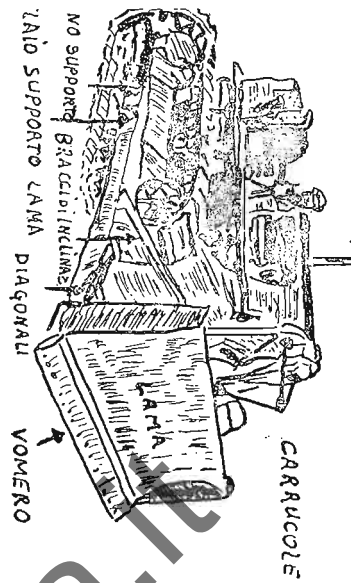


Fig. 37

RUSPA

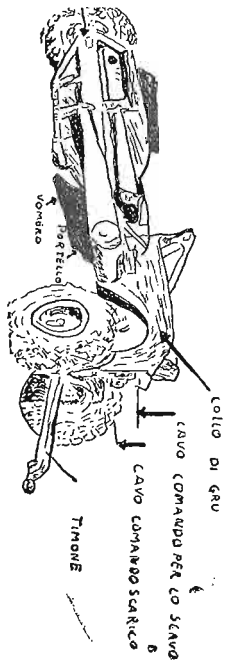
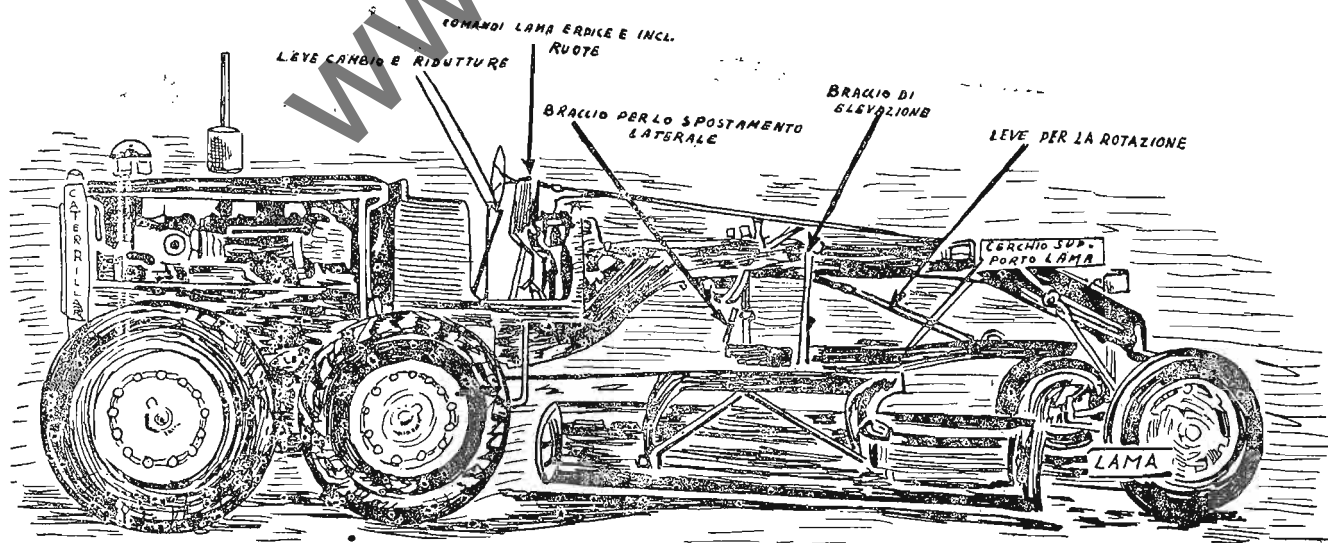


Fig. 38



RIVELLATRICE "CATERPILLAR D.12."

Fig. 39

ERPICE DA SCASSO

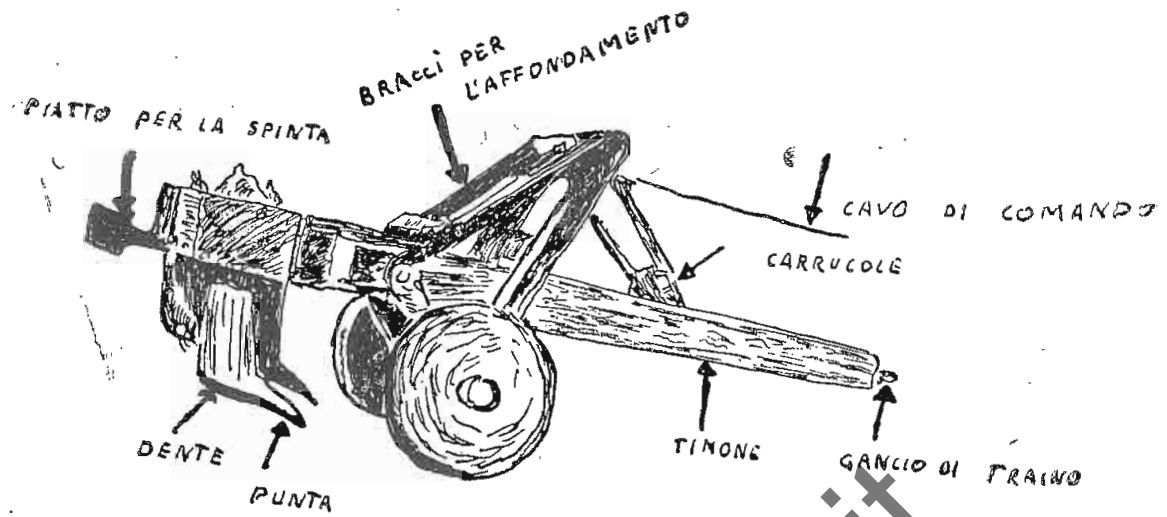
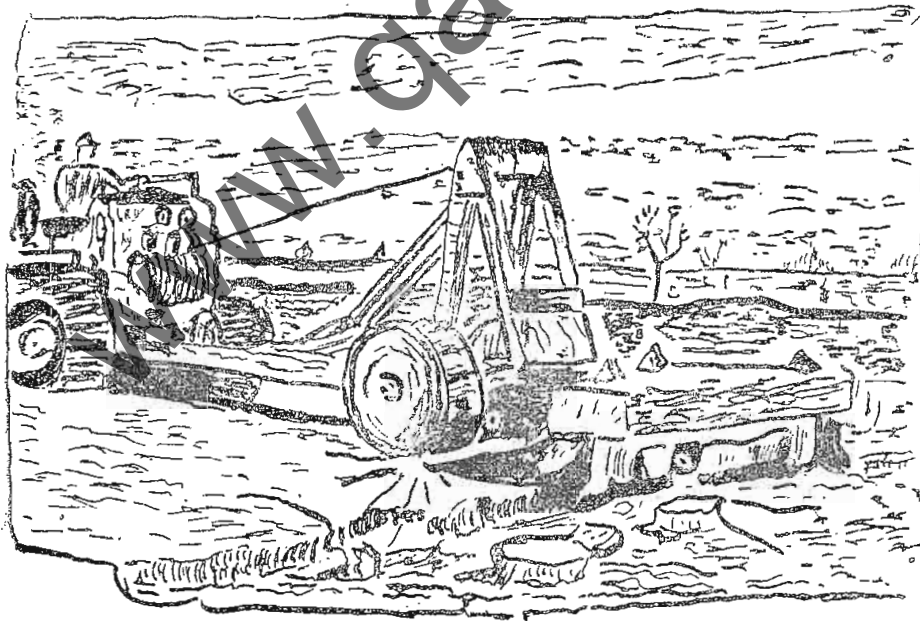


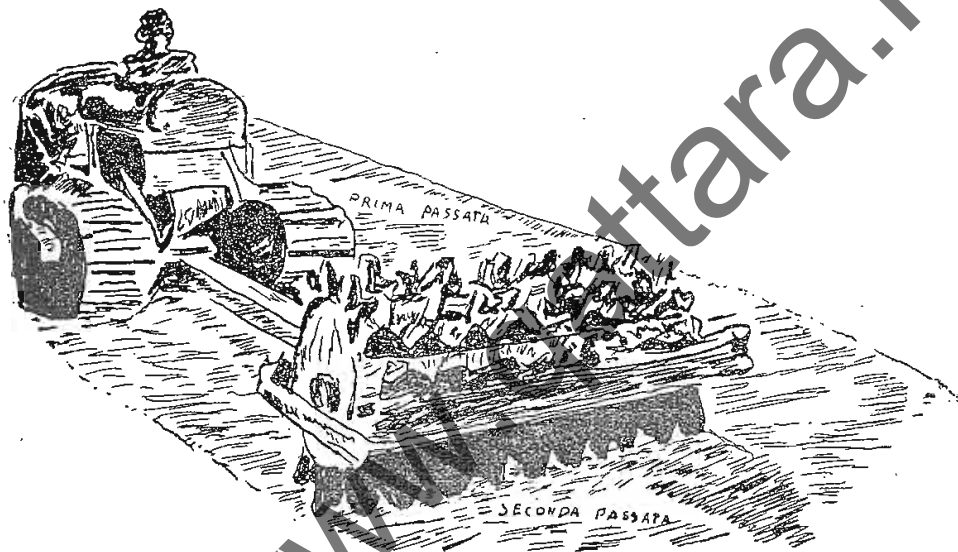
Fig. 40



Rottura di calcestruzzo

Fig. 41

RULLO A PIEDE DI PECORA



Sovrappone ogni passata sulla precedente di cm. 30

Fig. 42

**di uso più comune e frequente
sul Campo di Battaglia**

*(Previsti dalla circ. 2404/G/25 Add.
M. D. E. - S. M. del 10-6-1954)*

Appostamento individuale

TAVOLA I

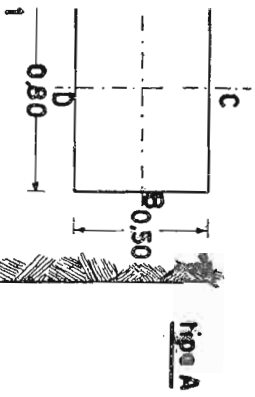


FIG. 2 sez A-B

FIG. 3 sez C-D



Fig. 4

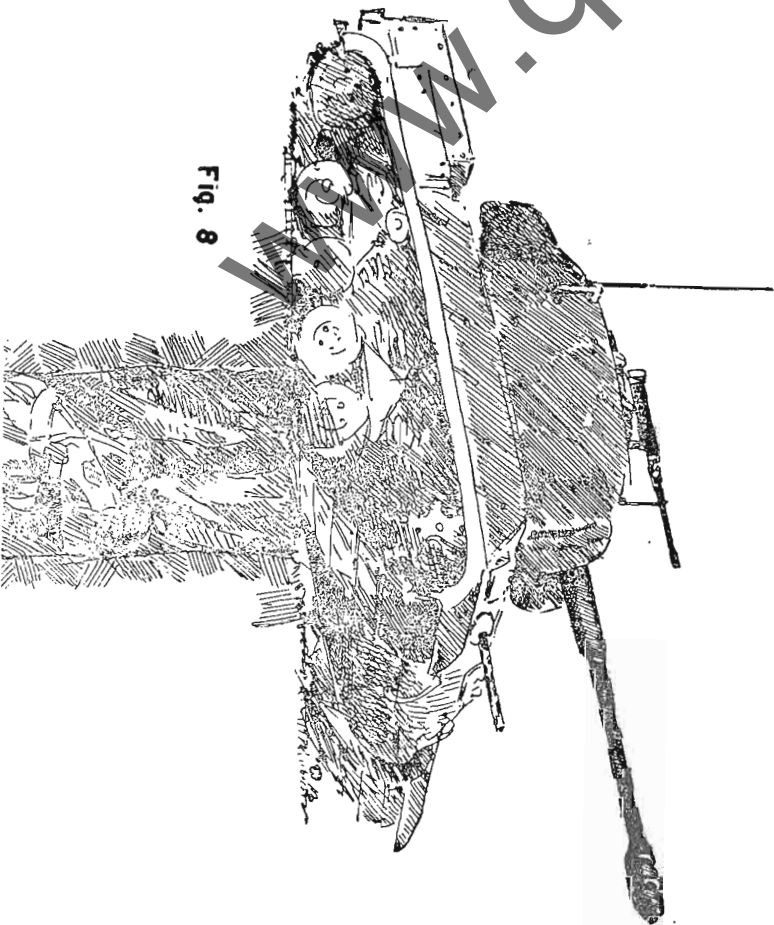
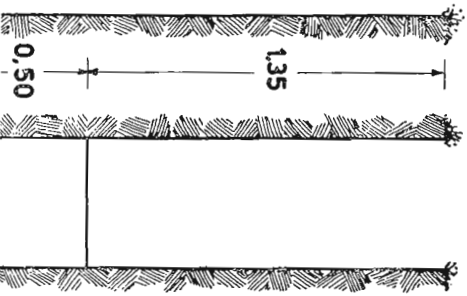
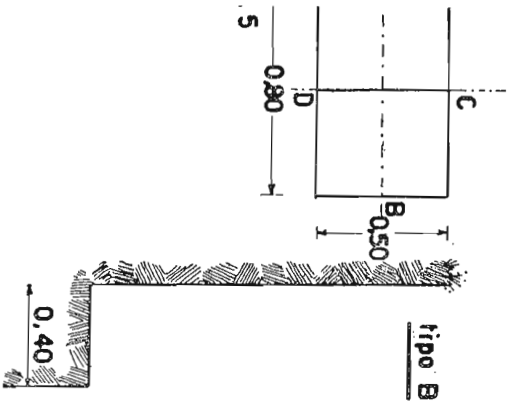


Fig. 8

Appostamento per coppia di tiratori

TAVOLA II

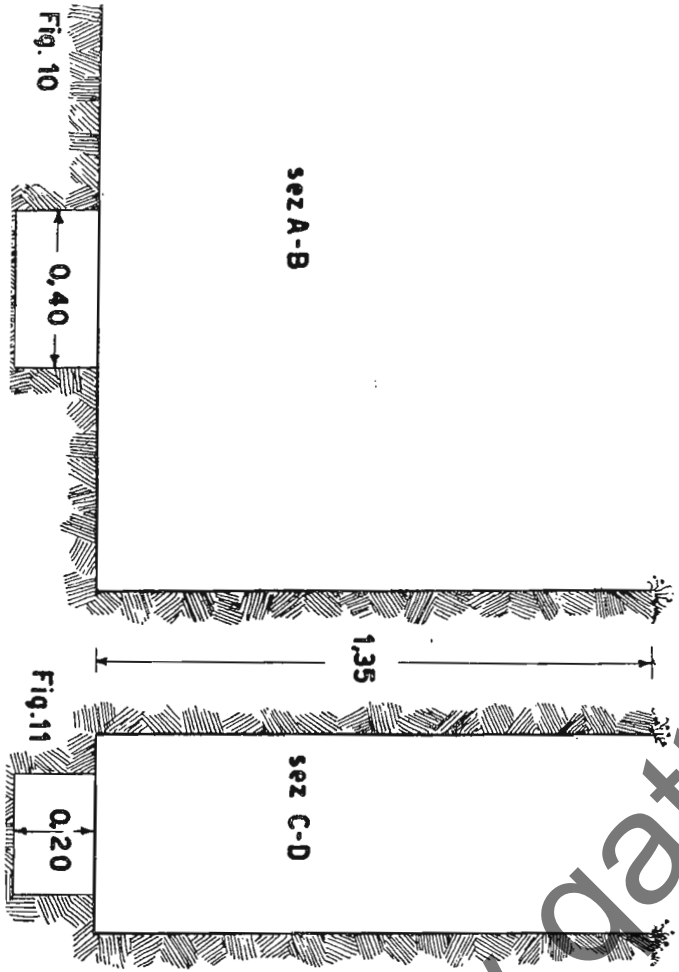
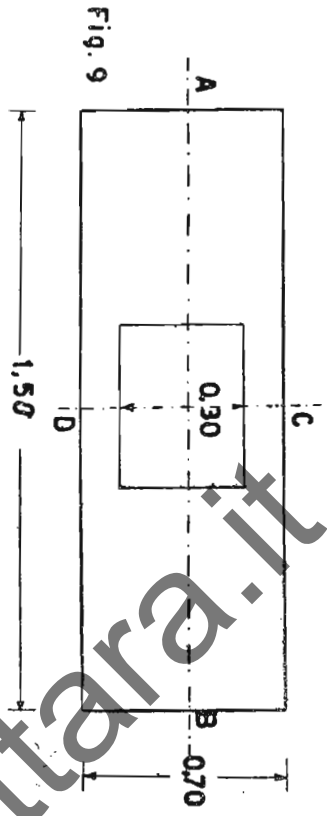


Fig. 12

Appostamento per coppia di tiratori
 Postazione per lanciarazzi BAZOOKA..
 Postazione per cannone S.R. da 57m/m

TAVOLA III

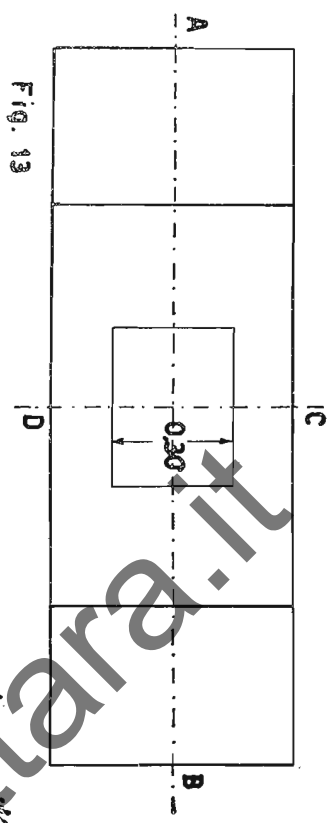


Fig. 13

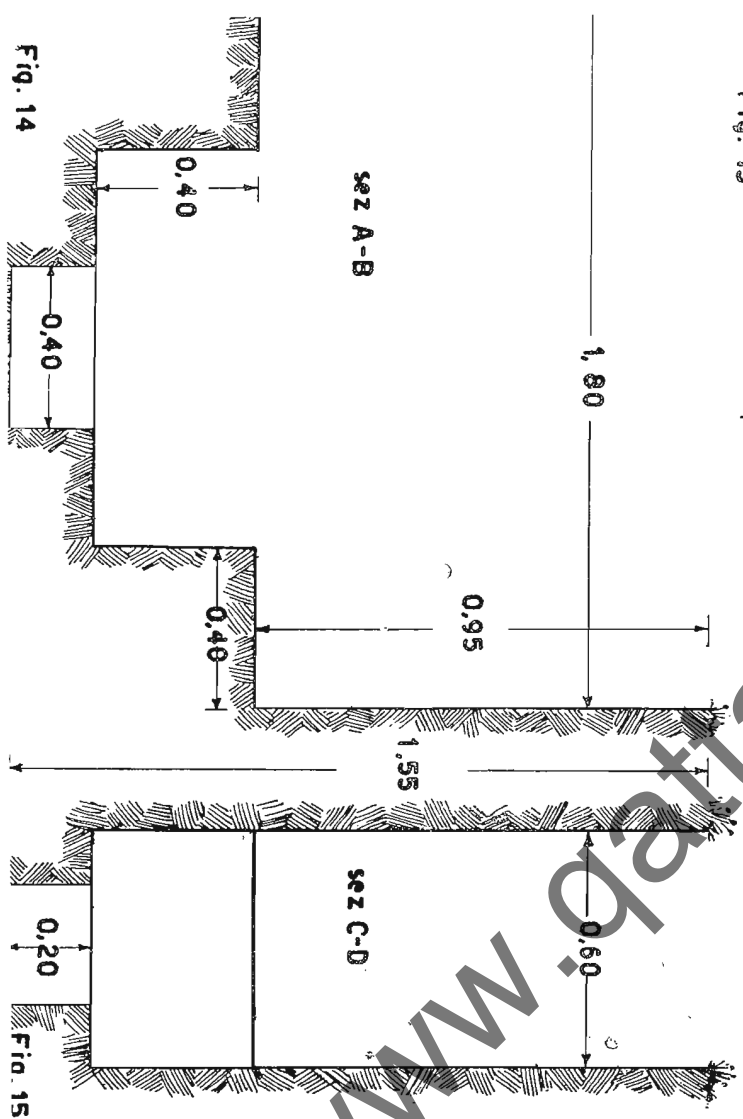


Fig. 14

Fig. 15

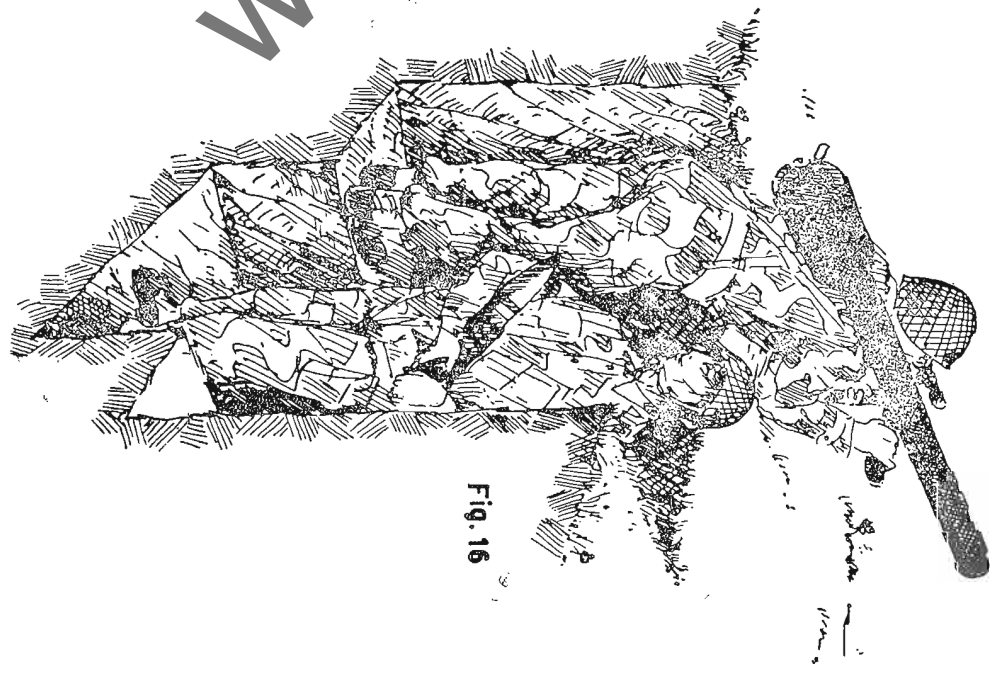
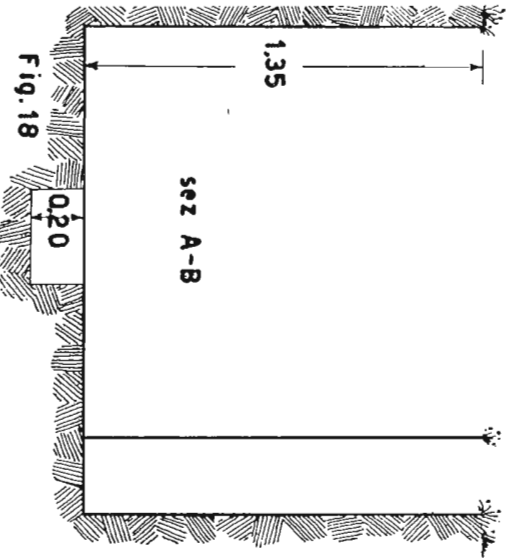
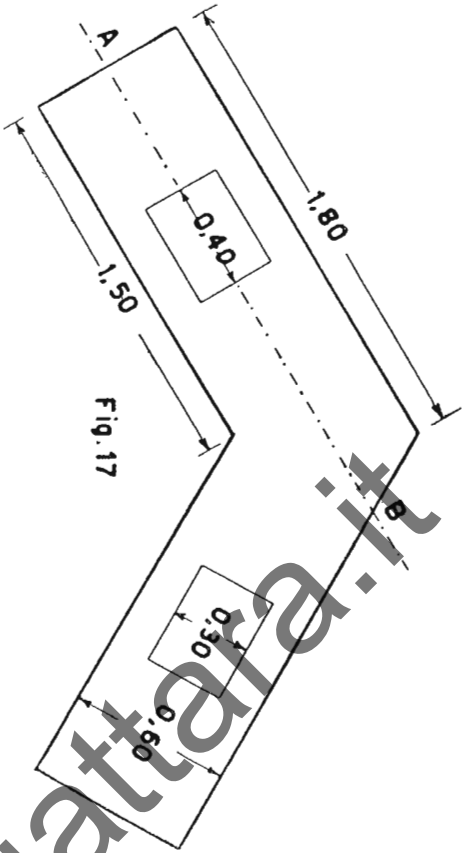


Fig. 16

Postazione per fucile mitragliatore

TAVOLA IV



Postazione per mirragliatrice
Breda cal. 8 e Browning cal. 12,7

TAVOLA V

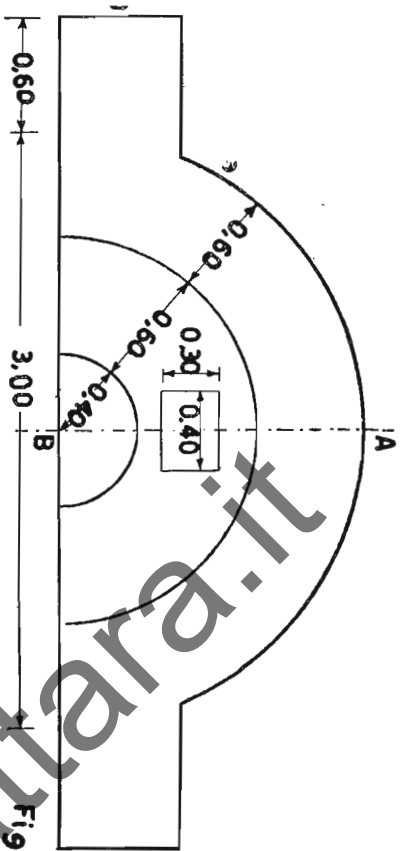


Fig. 20

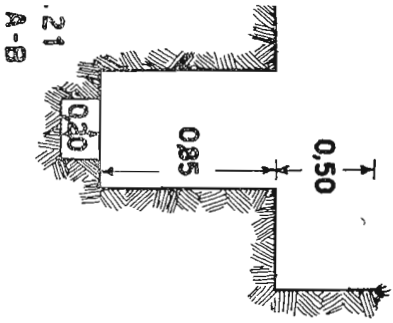


Fig. 21

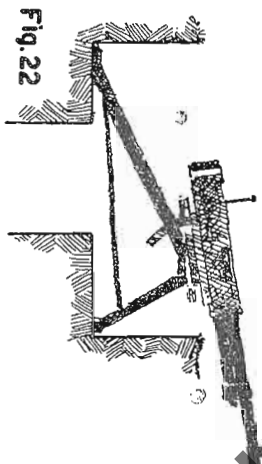


Fig. 22

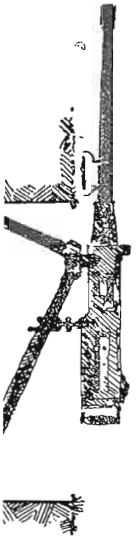


Fig. 25

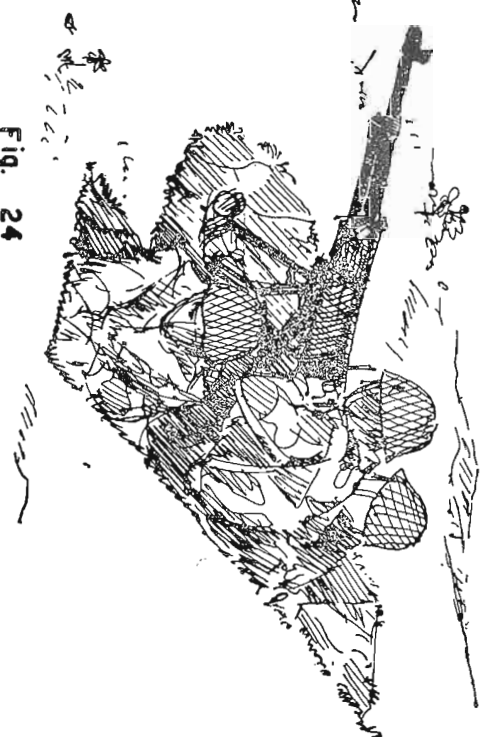
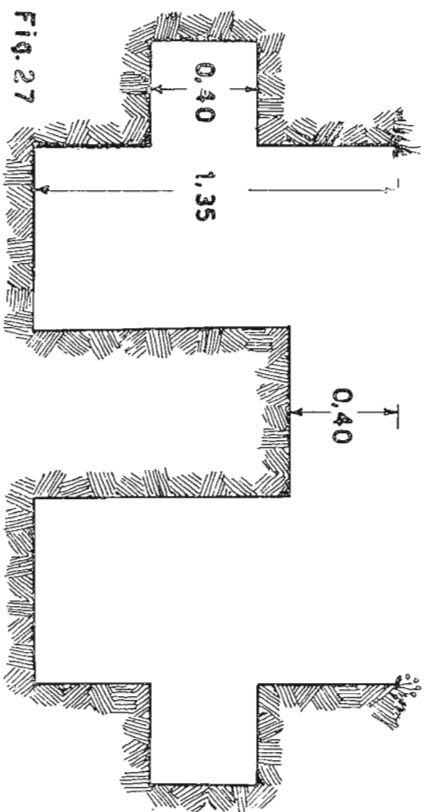
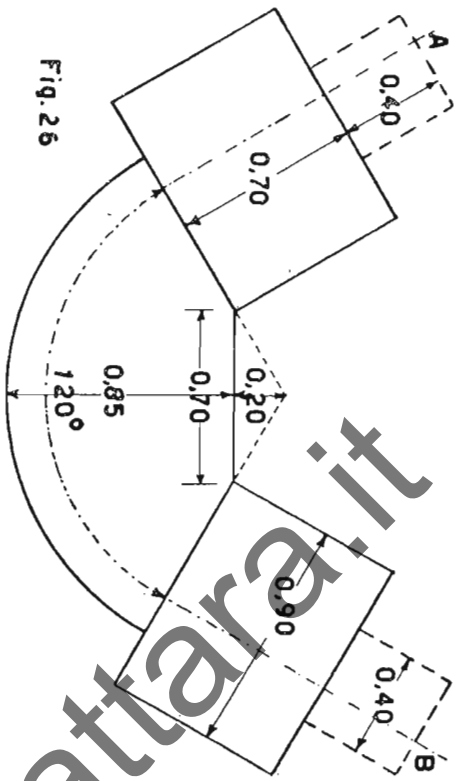


Fig. 24



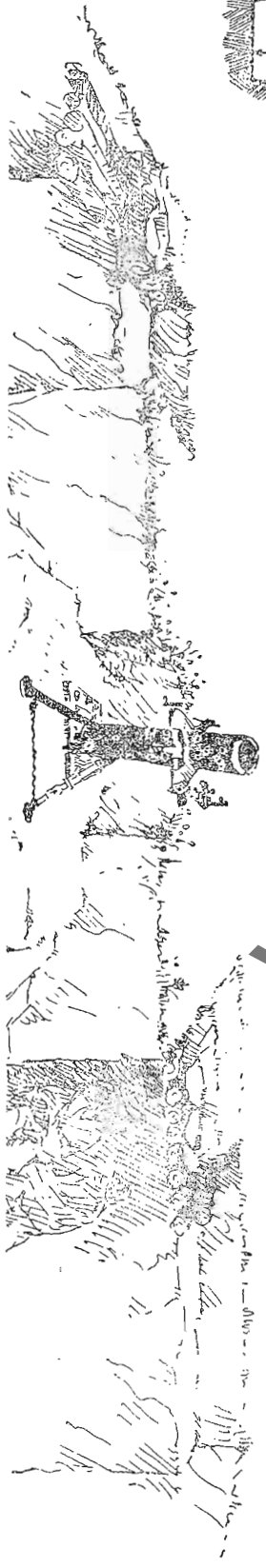
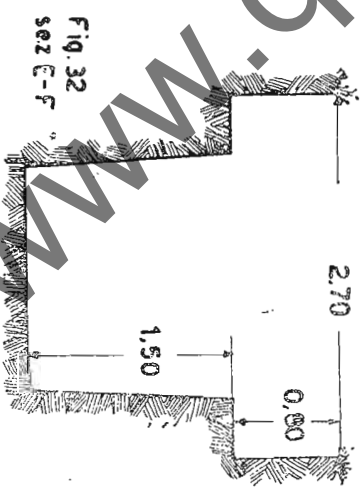
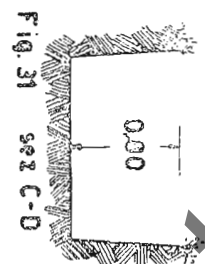
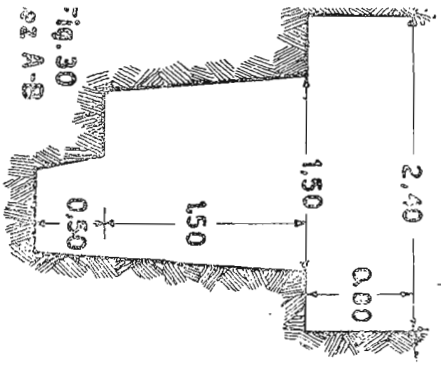
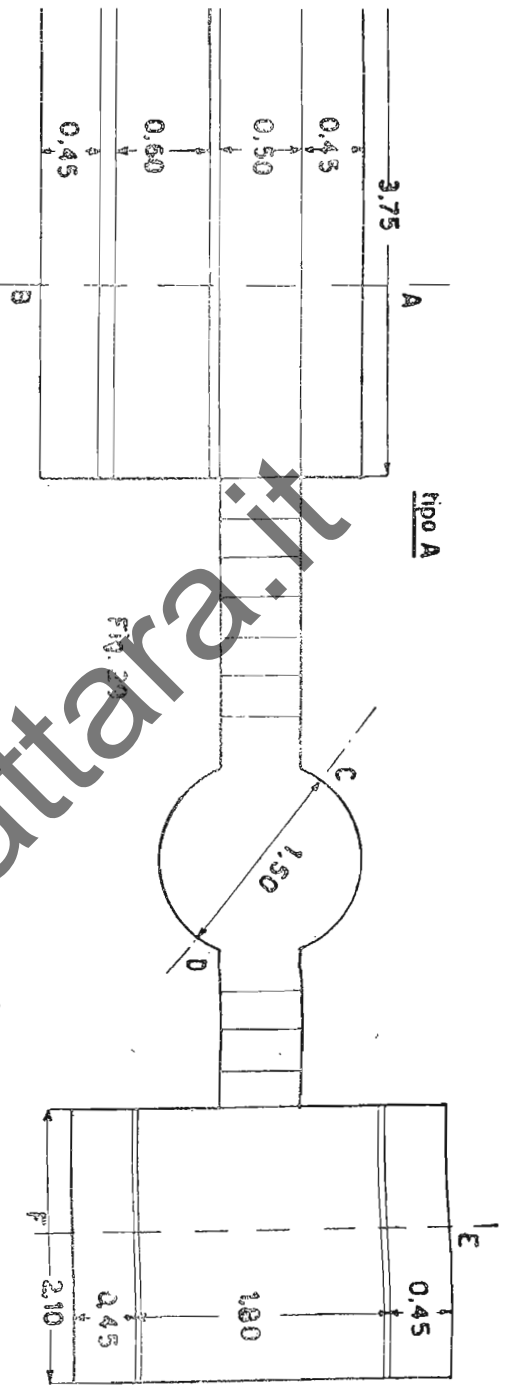
Postazione per mortaio da 60

TAVOLA VI



Posizione per morraio da 81

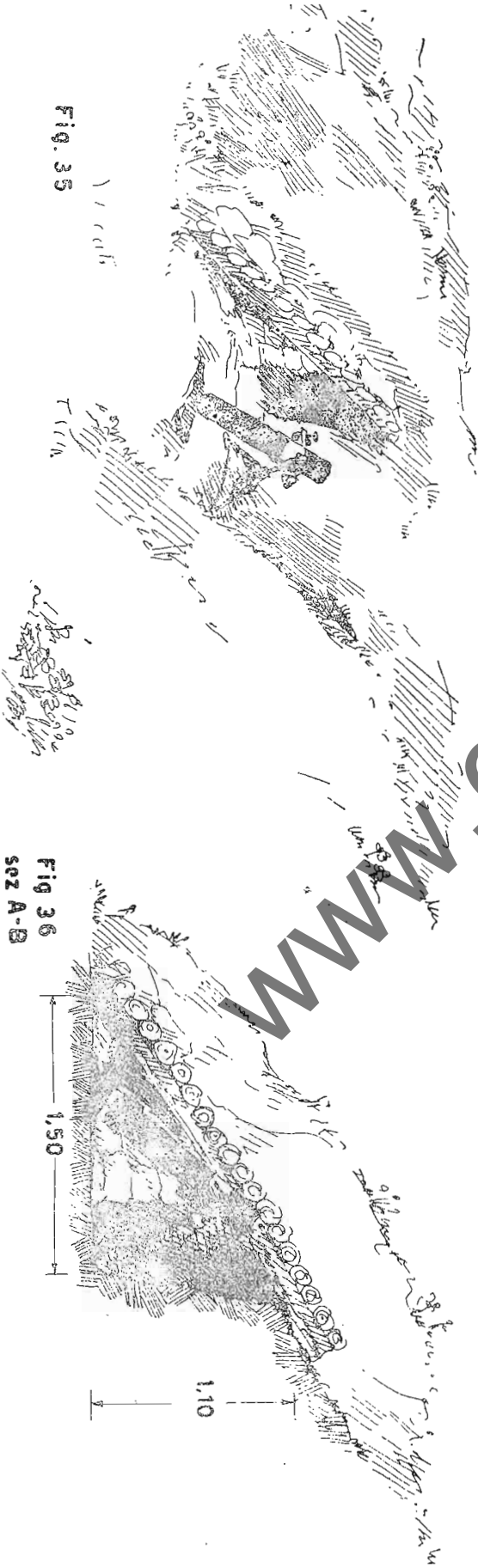
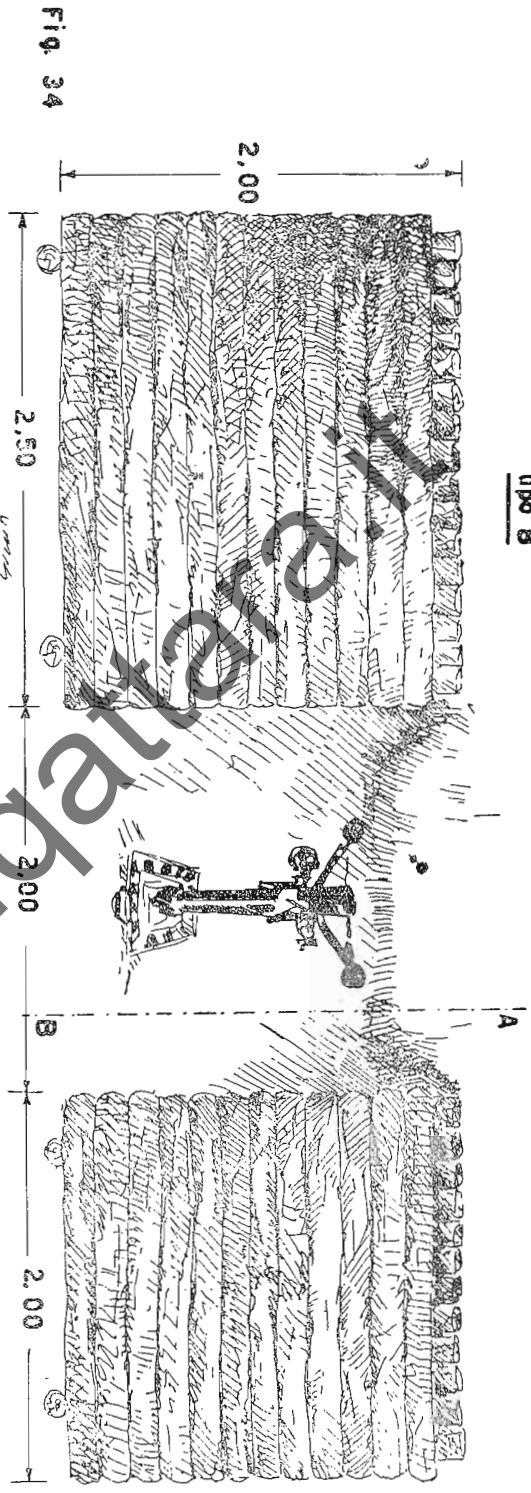
TAVOLA VII



Postazione per mortaio da 81

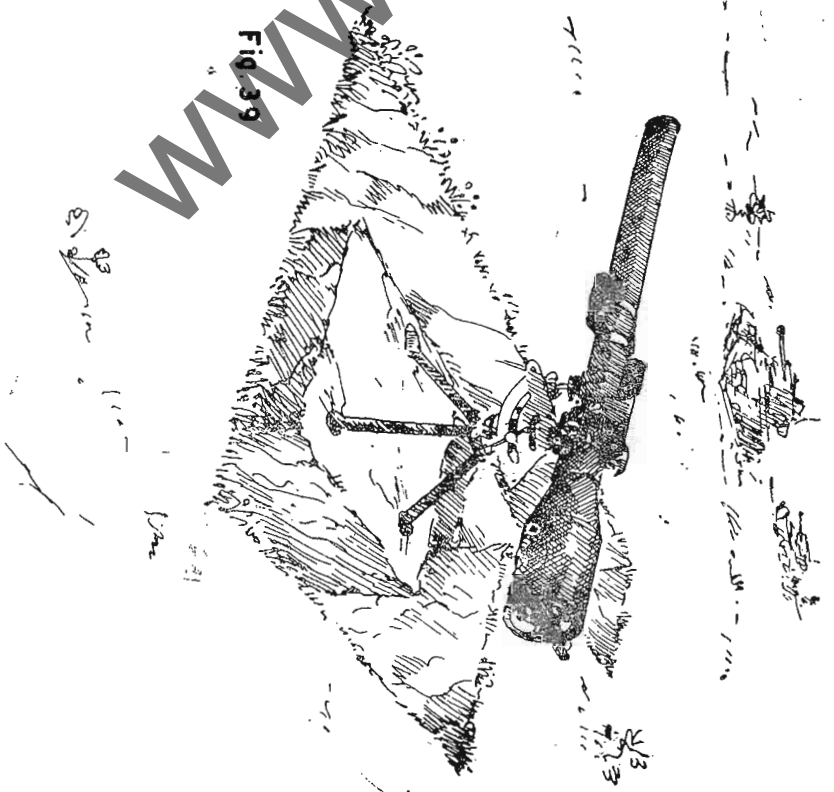
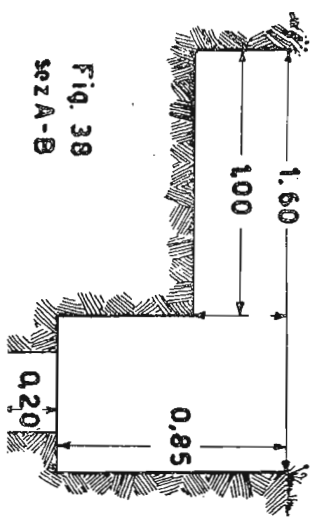
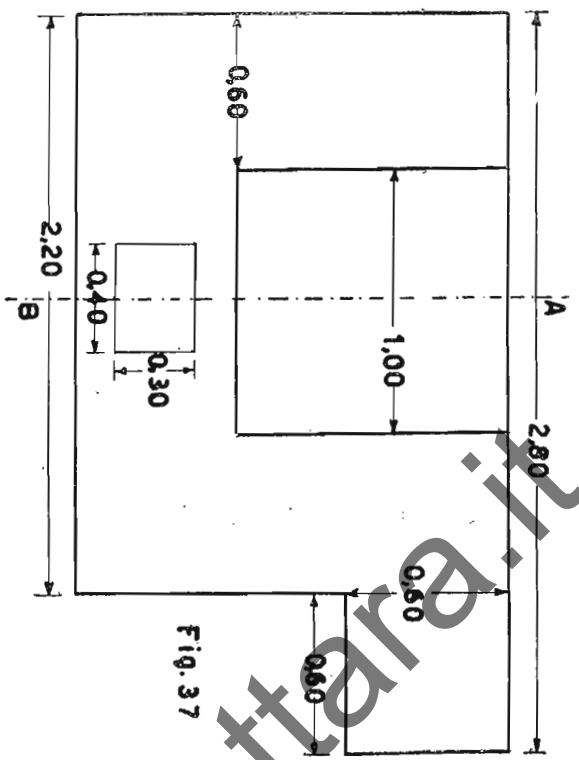
TAVOLA VIII

tipo B



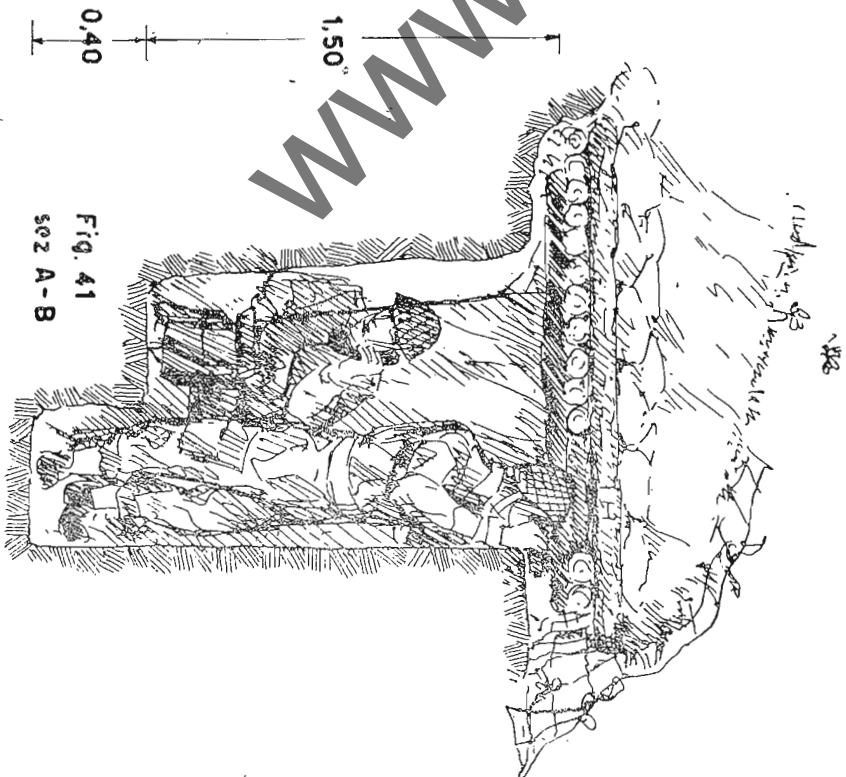
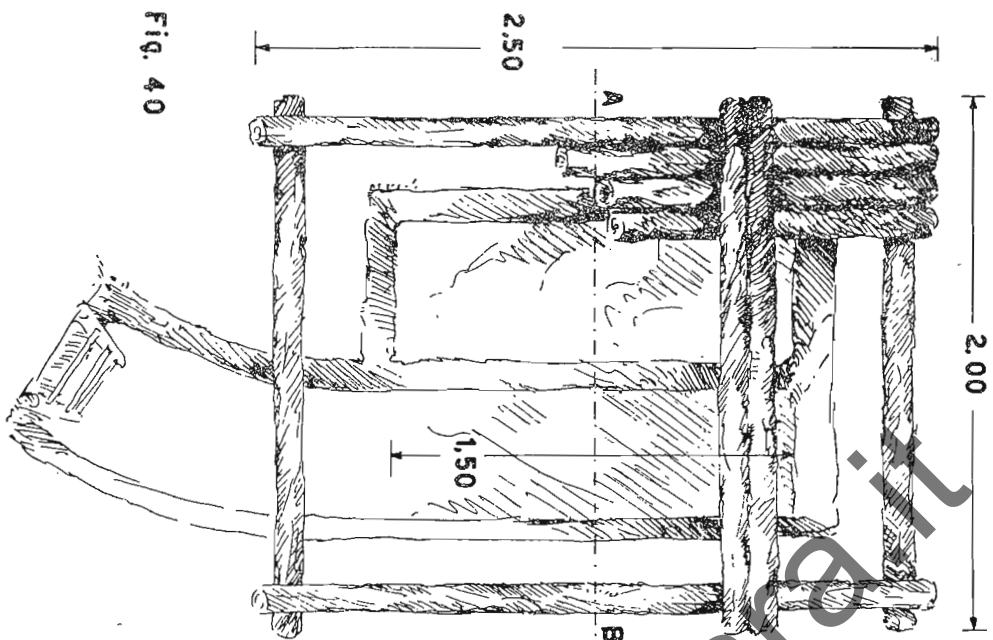
Postazione per cannone S.R. da 75

TAVOLA IX



Osservatorio - Posto comando
con blindamento leggero

TAVOLA X



Ostacoli passivi

TAVOLA XI

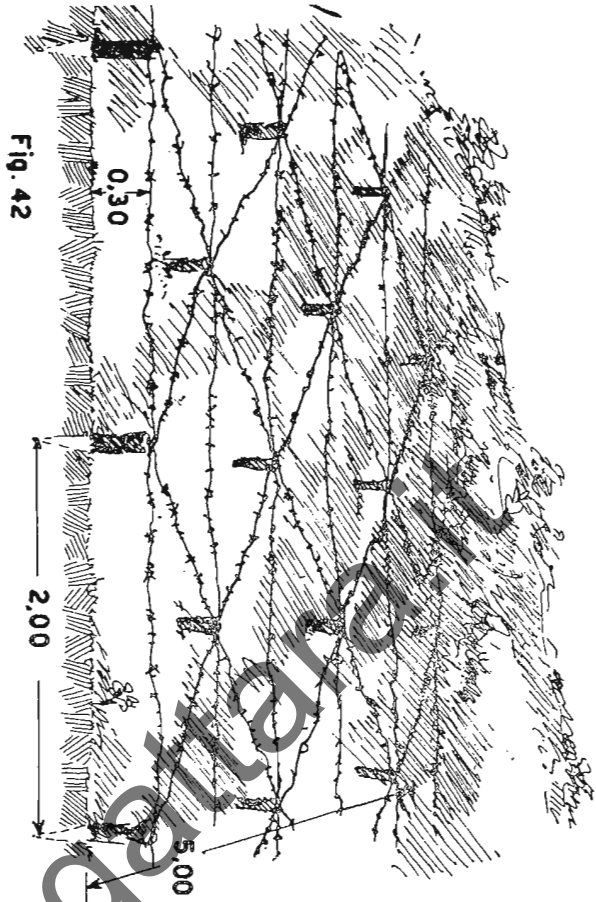


Fig. 43

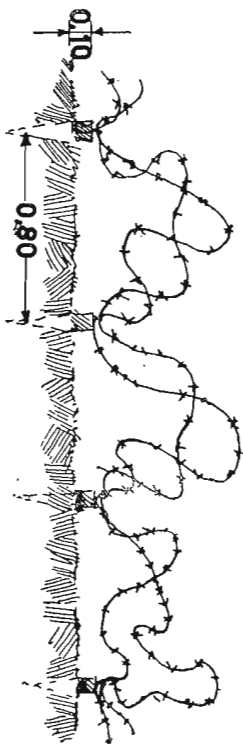
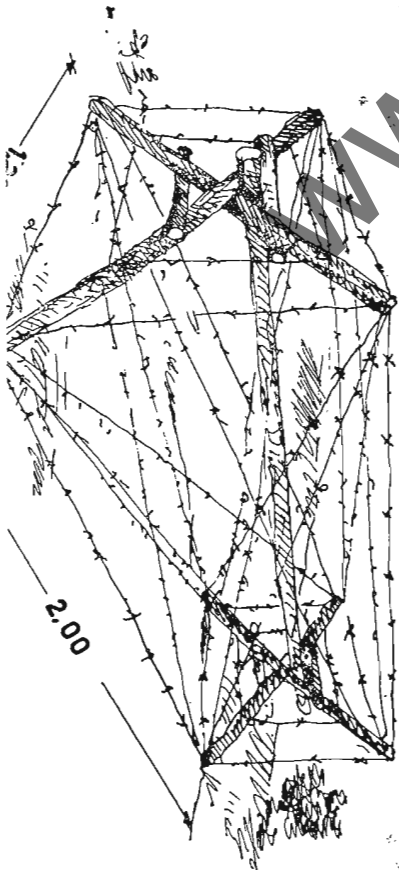
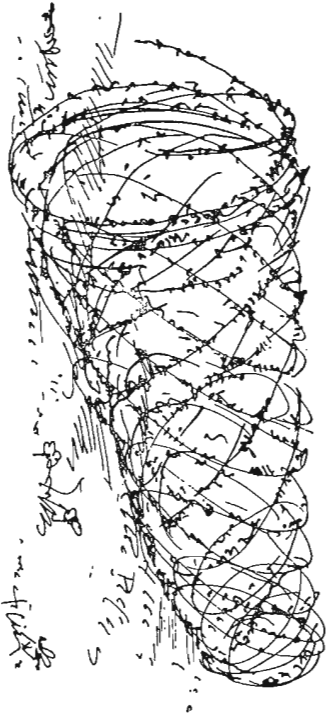


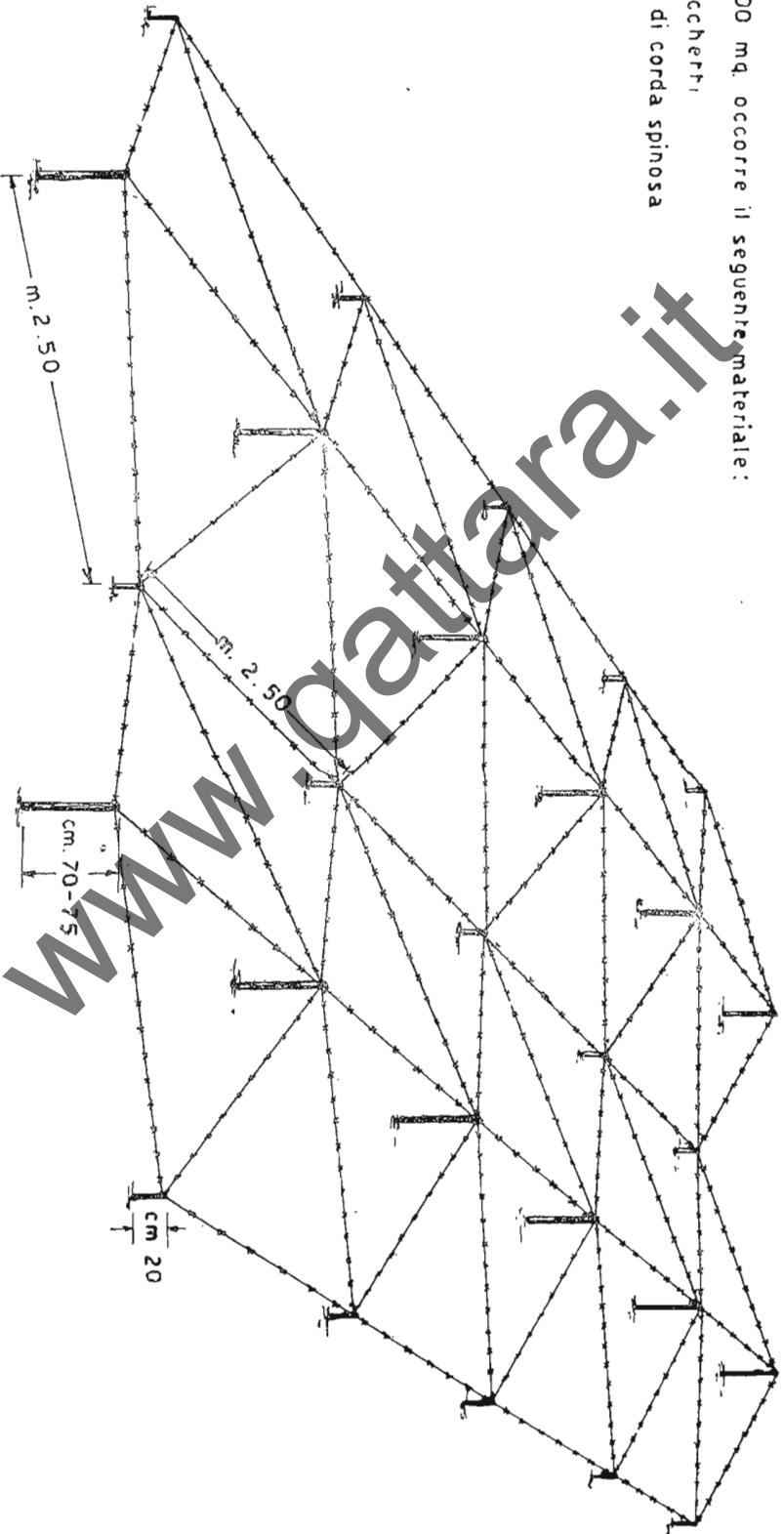
Fig. 44



Reticolato basso

TAVOLA XII

- Per 100 mq. occorre il seguente materiale:
- 20 picchetti
 - 160 ml. di corda spinosa



Si posano almeno 5 file di picchetti posti alla distanza media di $m. 2.50$ l'uno dall'altro; altezza dei picchetti fuori terra da $cm. 20$ a $cm. 70$.