

33.13/ 5741  
MUSO E COPPERI

PARTICOLARI  
DI COSTRUZIONI MURALI

E  
FINIMENTI DI FABBRICATI

PARTE PRIMA

OPERE MURATORIE

SECONDA EDIZIONE

XXVI TAVOLE

DITTA

G. B. PARAVIA E COMP.

TORINO, ROMA, MILANO, FIRENZE



MUSSO E COPPERI

CONSTRUTTORI

33

131

PARTICOLARI  
DI COSTRUZIONI MURALI

E

FINIMENTI DI FABBRICATI

OPERA PREMIATA CON MEDAGLIE

all'Esposizione Generale Italiana 1884 (Sezione Didattica)  
ed a quella di Firenze 1887 (Esposizione di Materiali da Costruzione)



PARTE PRIMA

OPERE MURATORIE

Composta di 26 tavole in cromolitografia ed un volume di testo.

TAVOLE



Seconda edizione riveduta ed accresciuta



5441

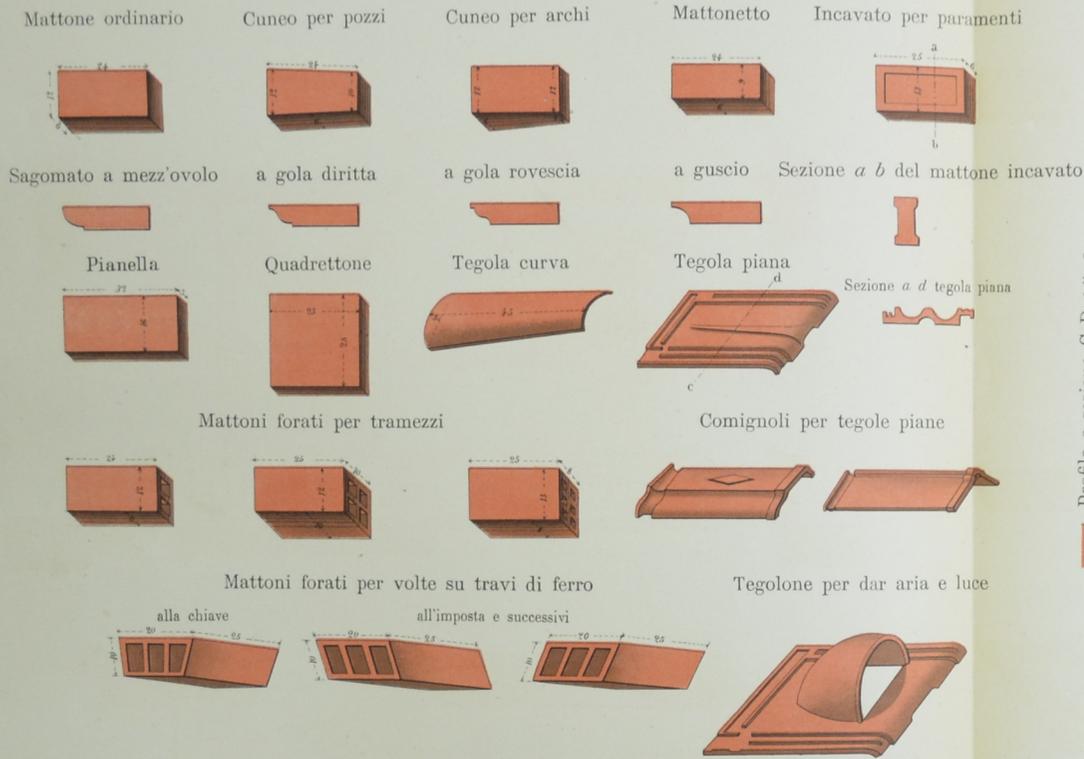
ITTA G. B. PARAVIA E COMP.

DI L. VIGLIARDI

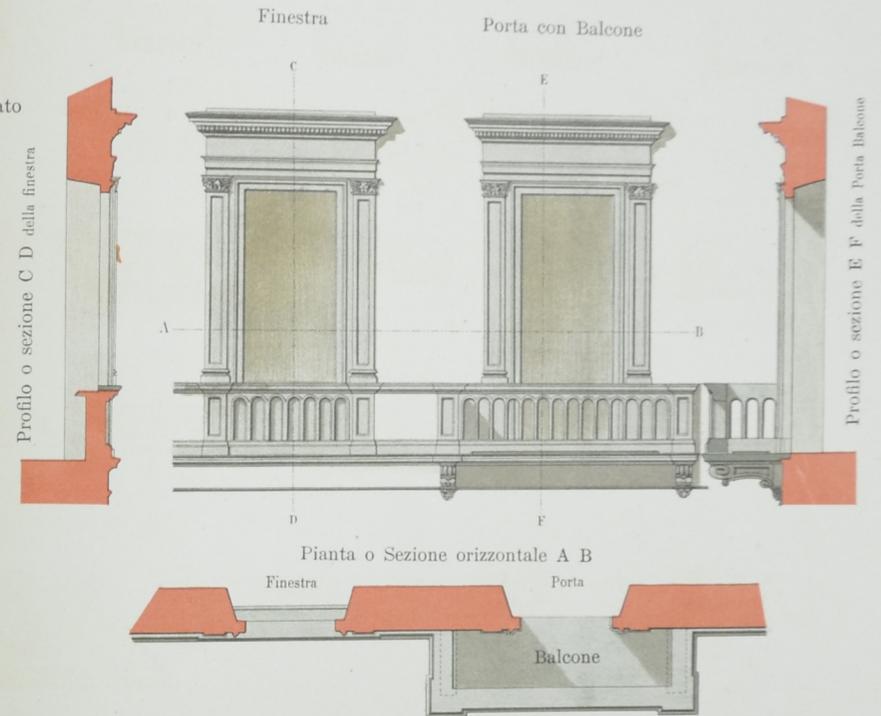
Tipografi - Librai - Editori

TORINO-ROMA-MILANO-FIRENZE

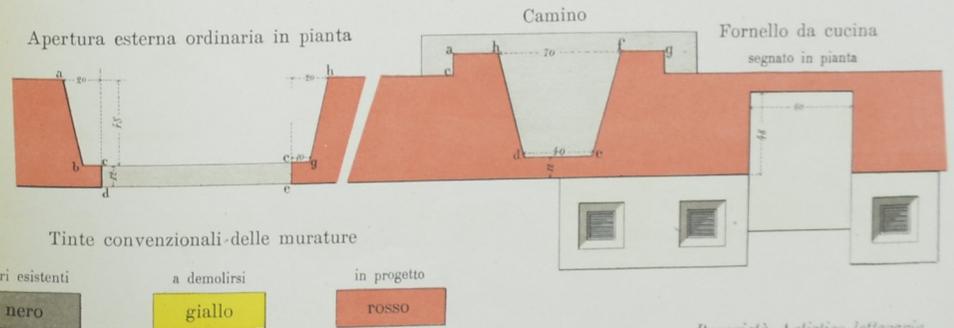
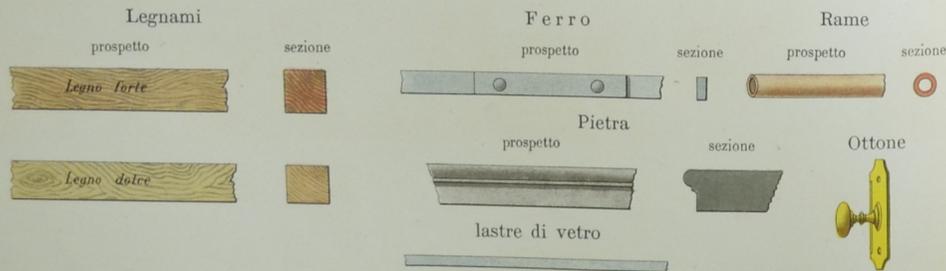
## LATERIZI DIVERSI DI COMMERCIO



## MODO DI FIGURARE MURI ED APERTURE

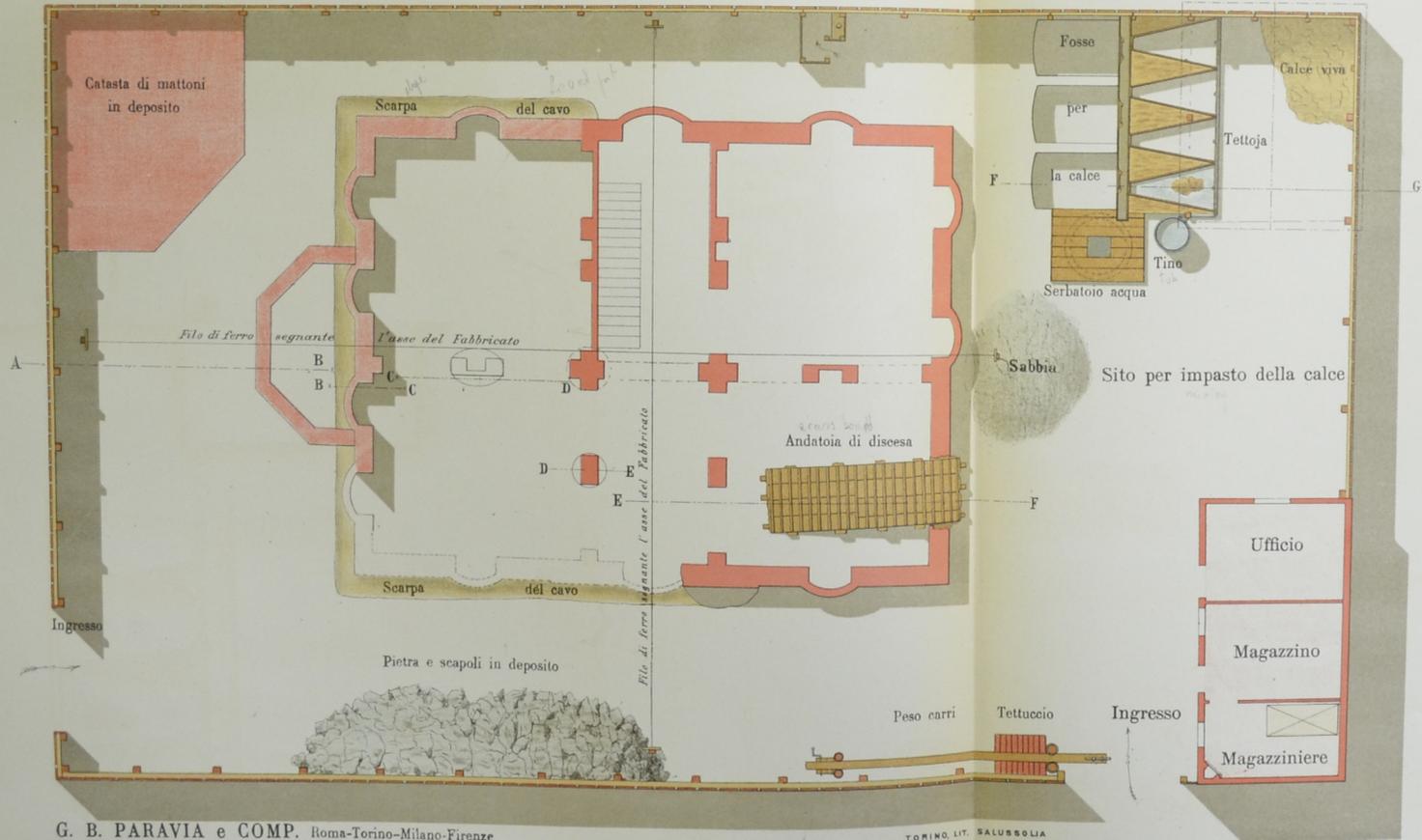
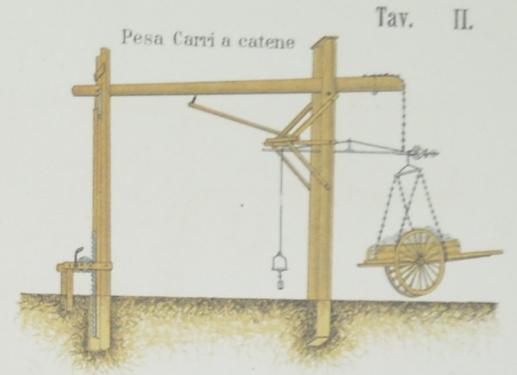
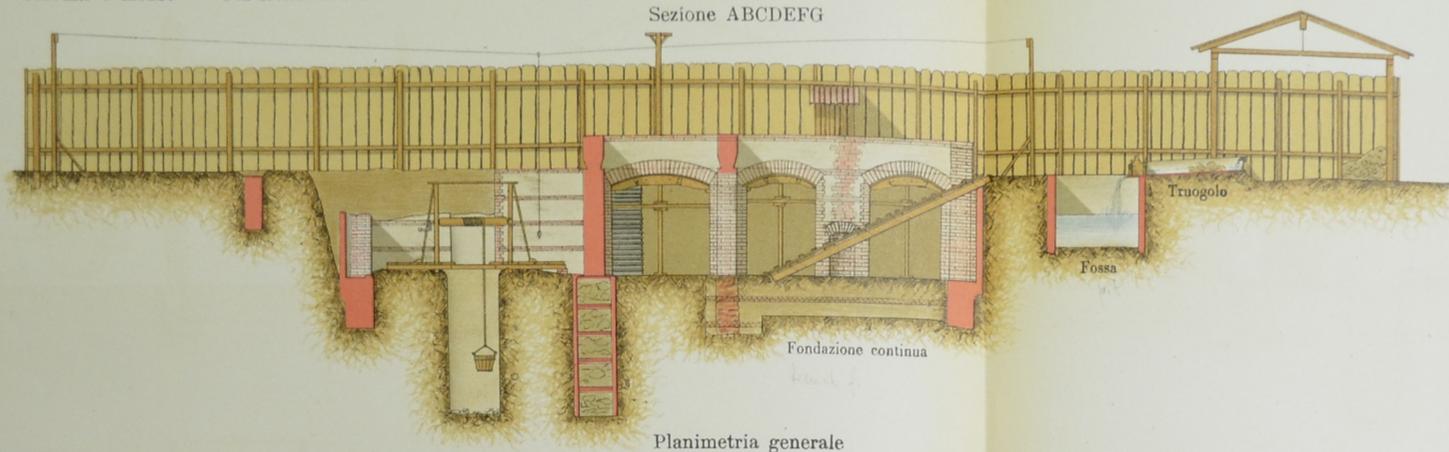


## TINTE CONVENZIONALI

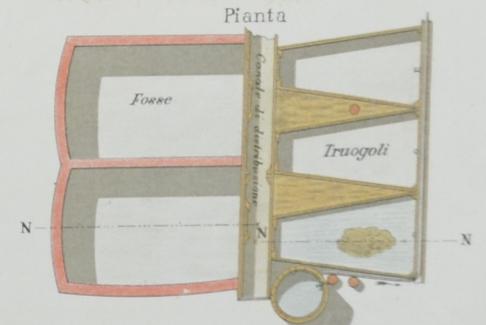
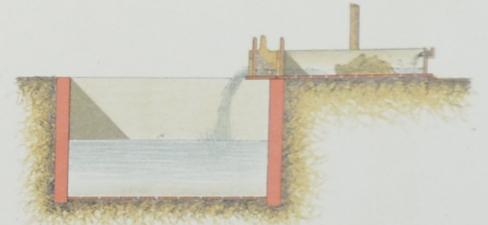


# IMPIANTO DI UN CANTIERE-SCAVO-FONDAZIONI

COPPERI e MUSSO — Particolari di Costruzioni



Fosse e truogoli per l'estinzione della calce  
Sezione NN

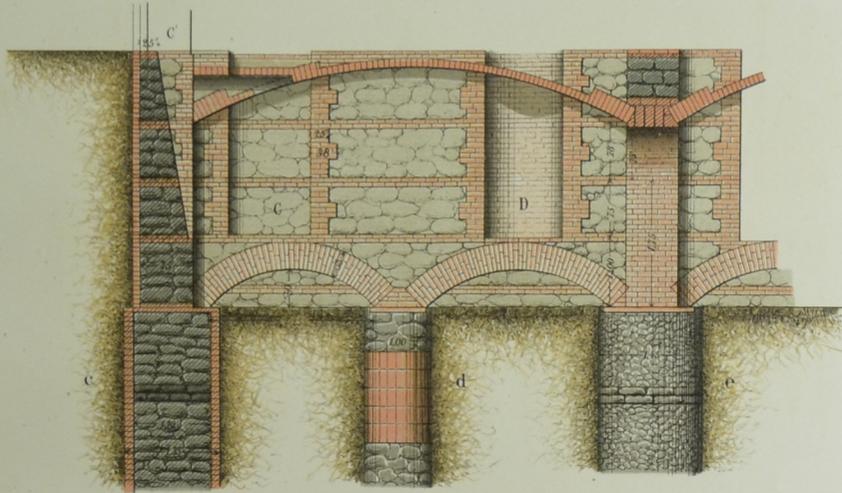


Proprietà Artístico-letteraria

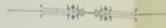
# FONDAZIONI

## CON POZZI ED ARCHI

### Prospetto

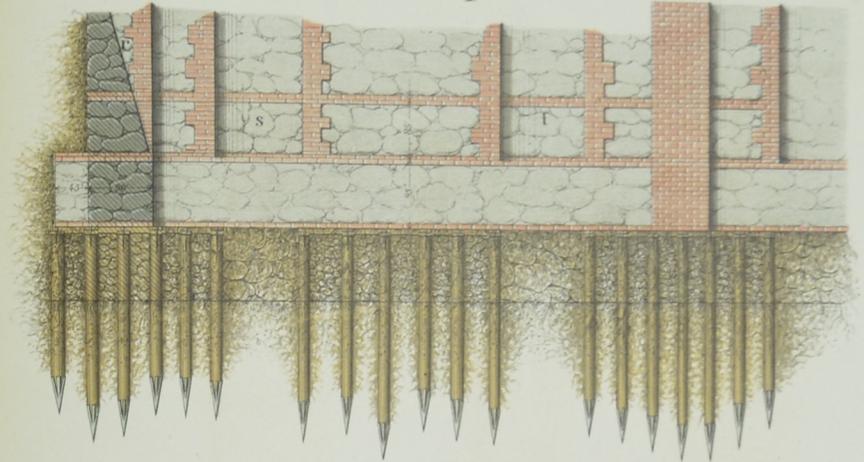


Scala di 1 a 50

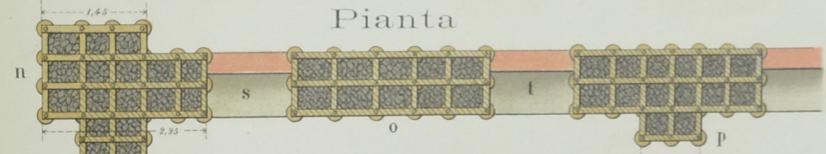


## CON PALIFICATA SU TERRENO MOBILE

### Prospetto

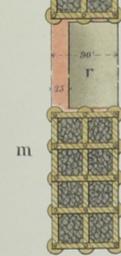


### Pianta



Particolare di un palo

Scala 1 a 20

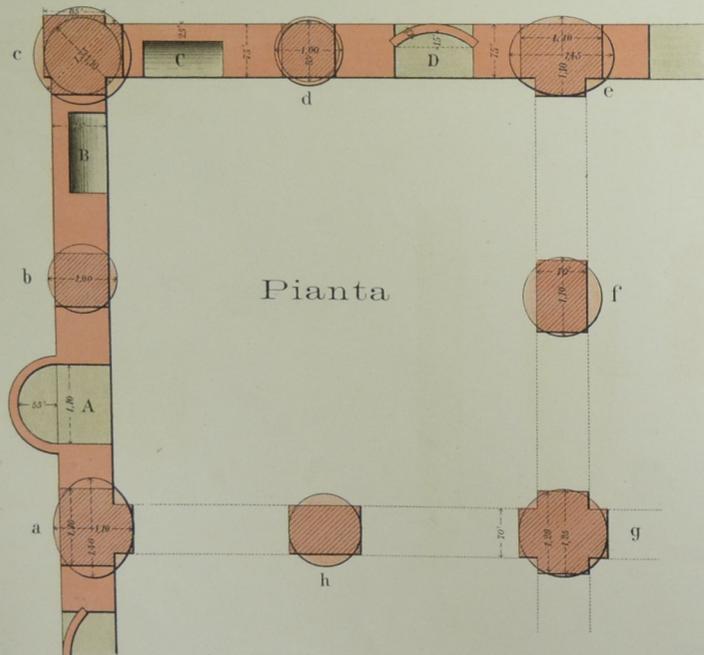
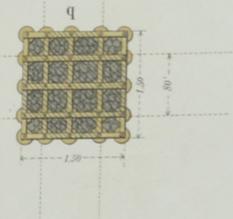
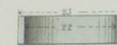


Particolare della Puntazza

Scala 1 a 10



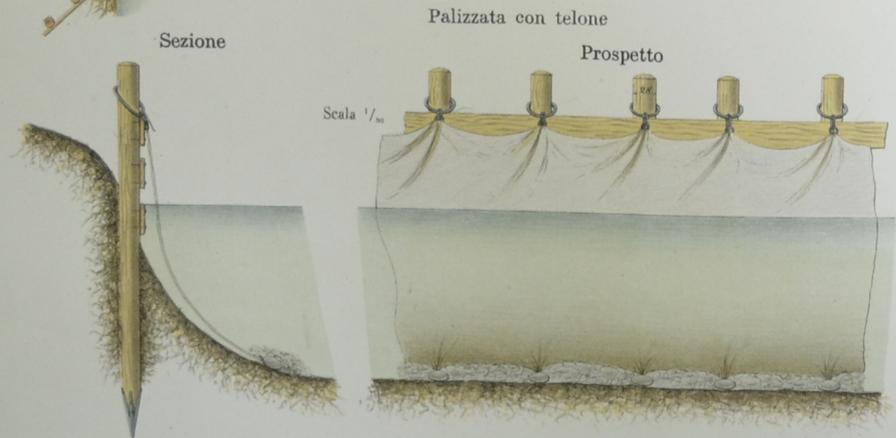
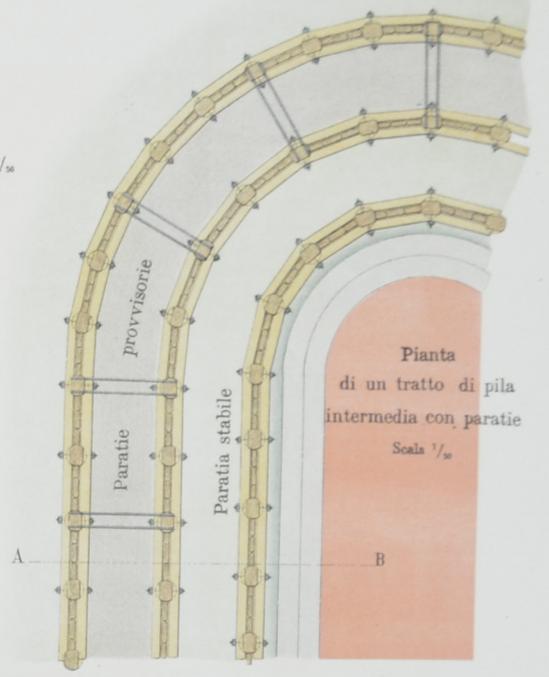
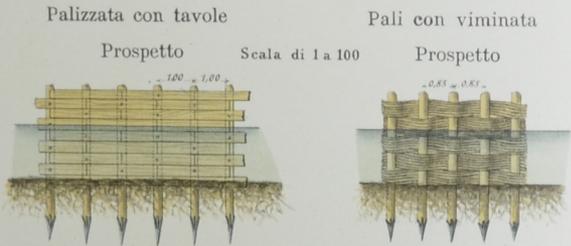
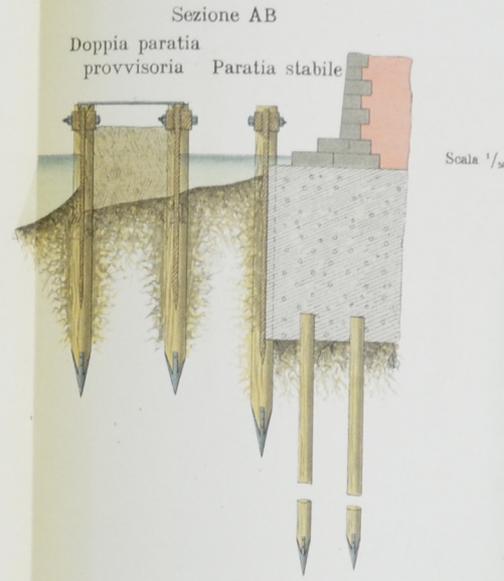
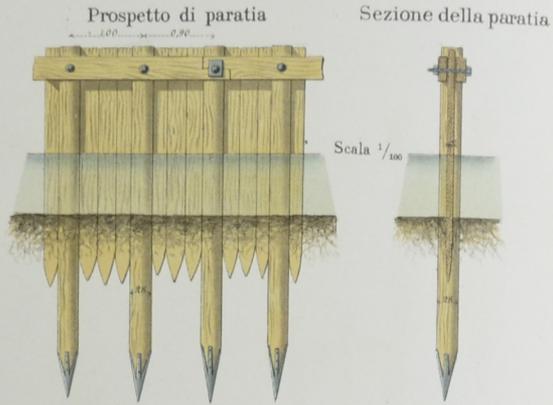
Particolare dell'Anello 1 a 10



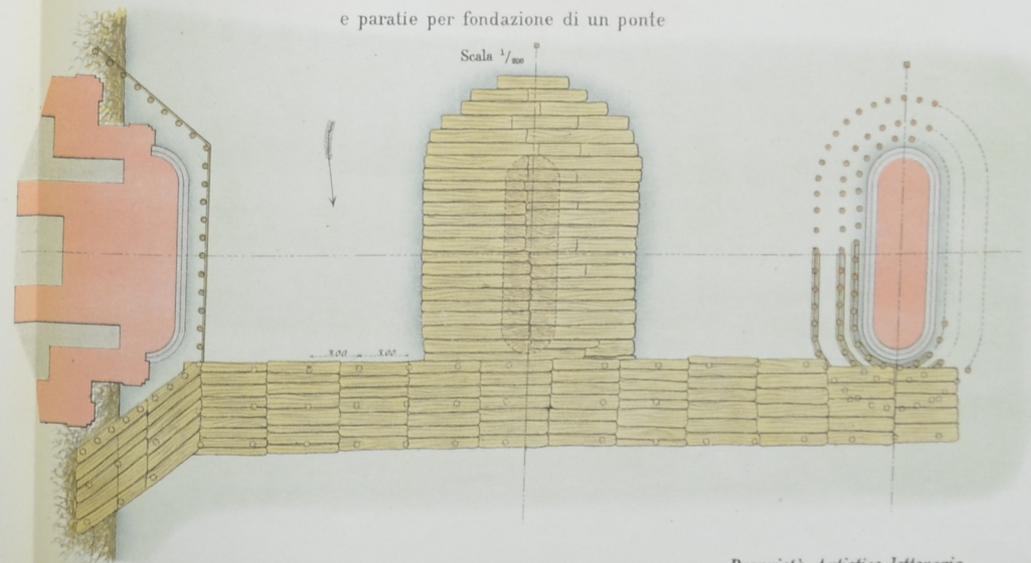
### Pianta

Opere per il deviamiento delle acque  
per eseguire gli scavi  
e le fondazioni

Paratie e fondazioni di pile in mezzo al fiume



Pianta dimostrativa della formazione del ponte di servizio  
e paratie per fondazione di un ponte

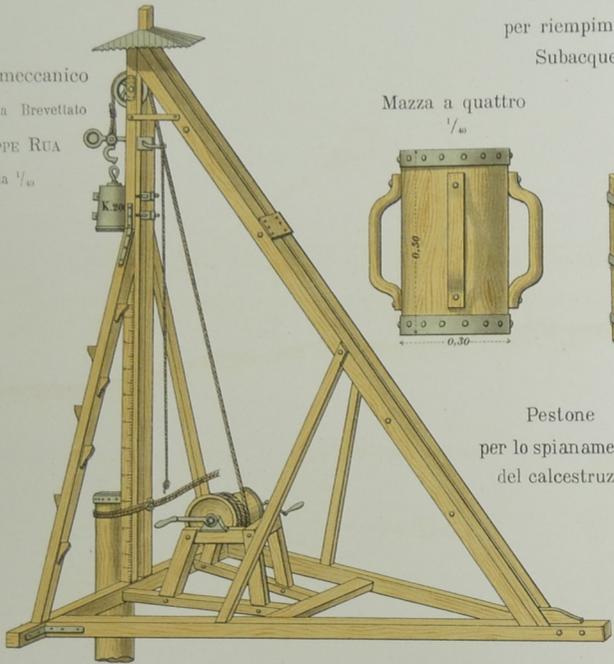


# ATTREZZI E MACCHINE PER FONDAZIONI SUBACQUEE

COPPERI e MUSSO — Particolari di Costruzioni

Tav. V

Battipalo meccanico  
nuovo sistema Brevettato  
GIUSEPPE RUA  
Scala  $\frac{1}{40}$



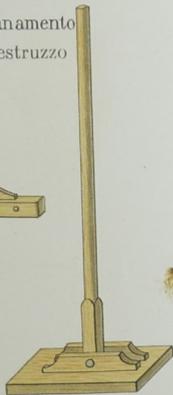
Mazza a quattro  
 $\frac{1}{40}$



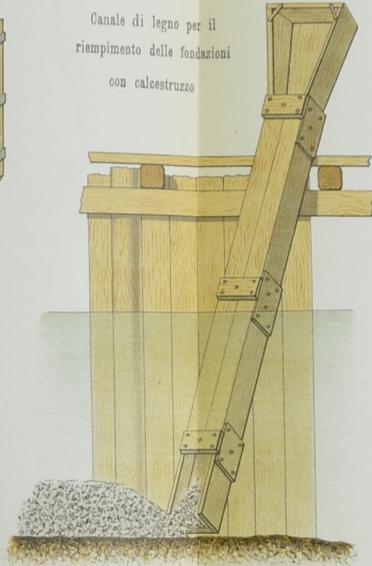
Secchione con fondo apribile per riempimento Subacquee



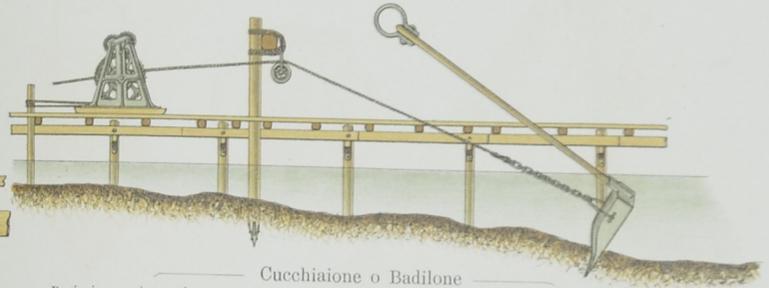
Pestone per lo spianamento del calcestruzzo



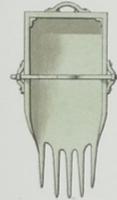
Canale di legno per il riempimento delle fondazioni con calcestruzzo



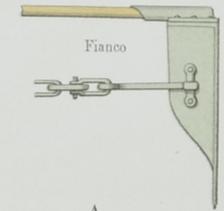
Scavo subacqueo in corso d'esecuzione



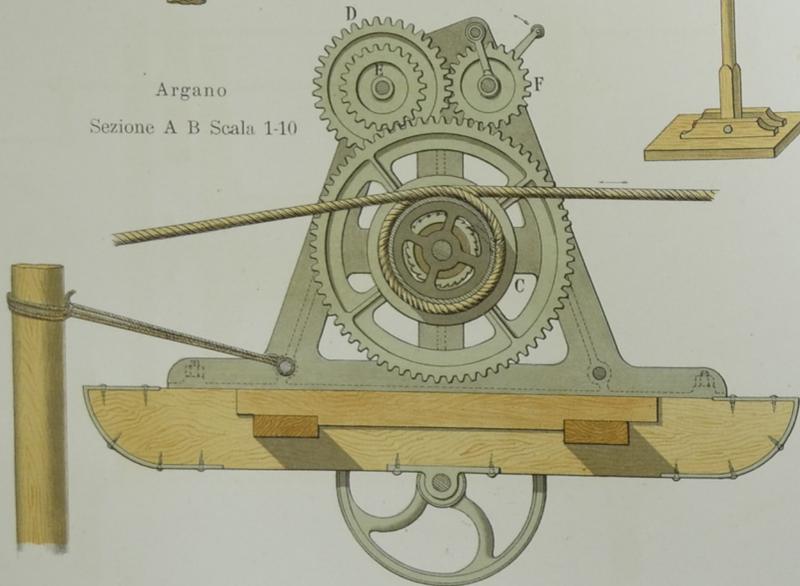
Proiezione orizzontale



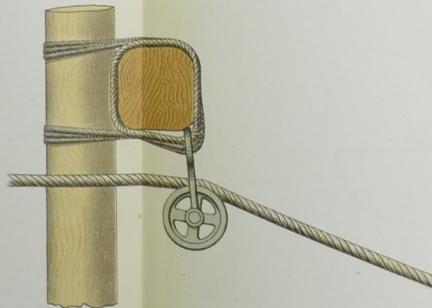
Cucchiataione o Badilone  
Scala  $\frac{1}{20}$



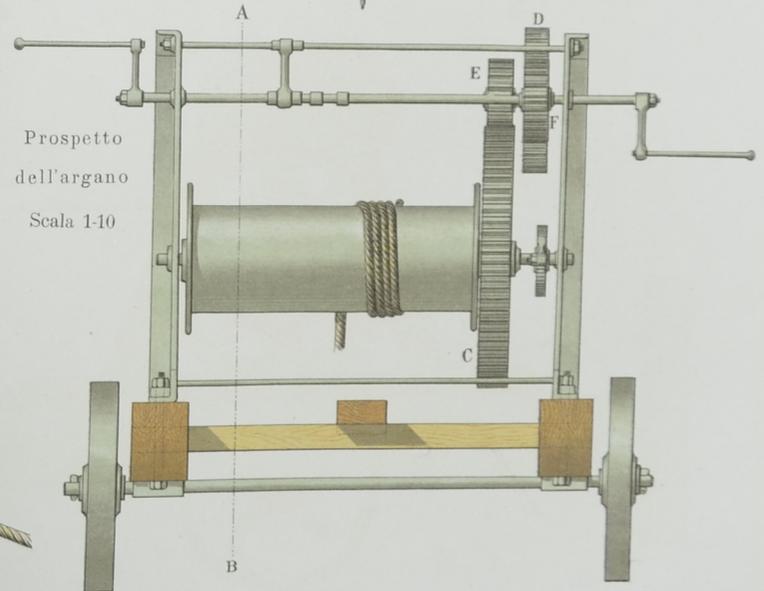
Argano  
Sezione A B Scala 1-10



Puleggia di guida detta marciapiedi



Prospetto dell'argano  
Scala 1-10

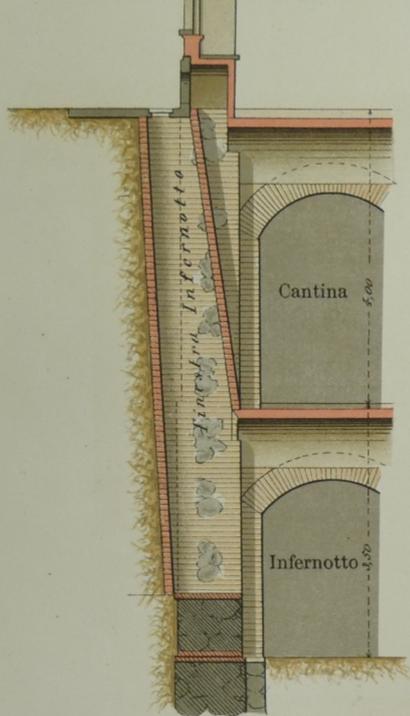


## MURI E PILASTRI

Muro perimetrale per due piani sotterranei

Sezione trasversale AB

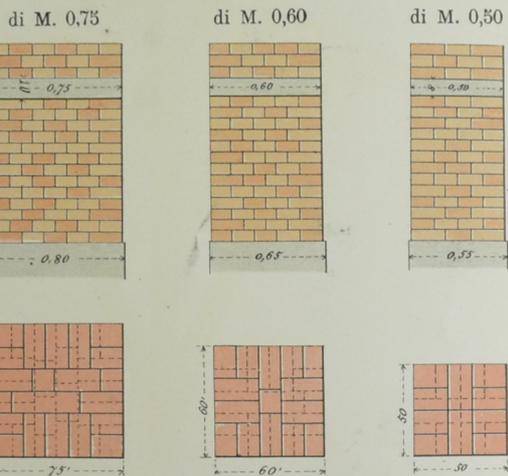
Scala di 1 a 50



Collegamento dei mattoni

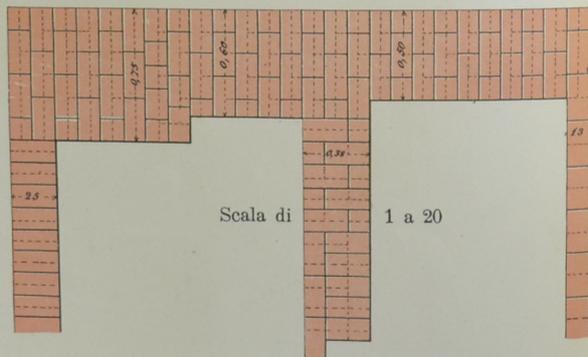
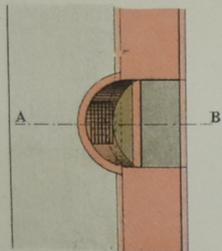
Elevazione di pilastri isolati diversi

Scala di 1 a 20



Pianta di muri e muricci (disposizione dei mattoni)

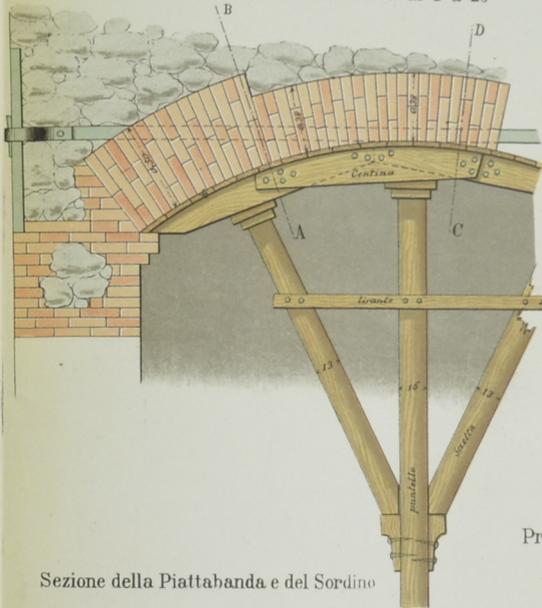
Pianta



Scala di 1 a 20

## ARCO E PIATTABANDA

Prospetto di un tratto di arco Scala di 1 a 20



Sezioni trasversali

AB

CD

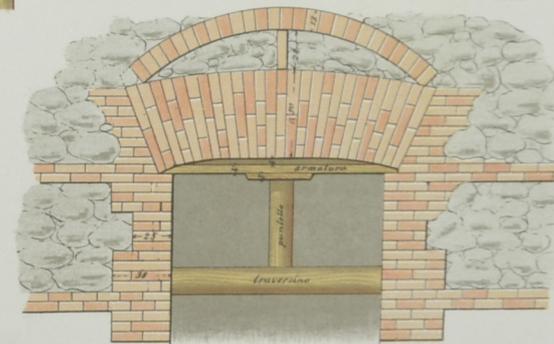
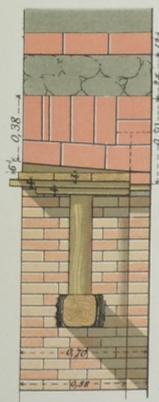


Prospetto della Piattabanda e del Sordino

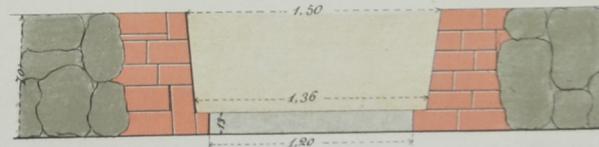
Scala di 1 a 20

Sezione della Piattabanda e del Sordino

Scala di 1 a 20



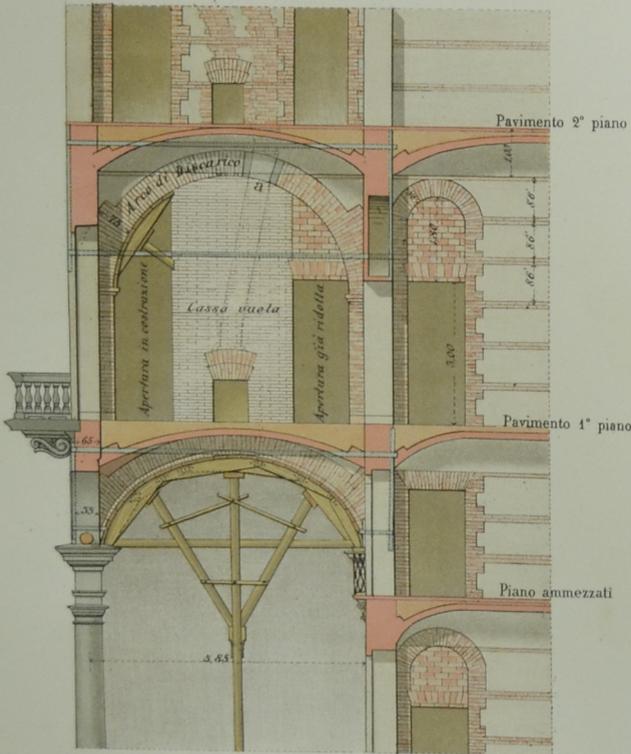
Pianta



Prospetto — (Scala 1 a 75)



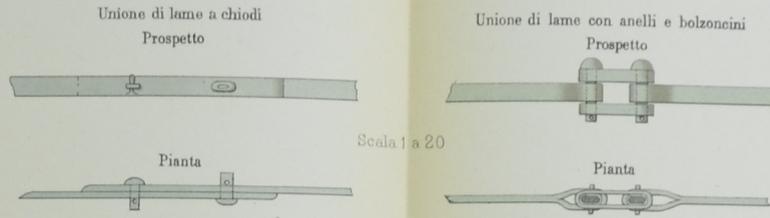
Sezione attraverso al Portico — (Scala 1 a 75)



G. B. PARAVIA e COMP. Roma-Torino-Milano-Firenze

# MURATURE

Particolari di Chiavi di ferro

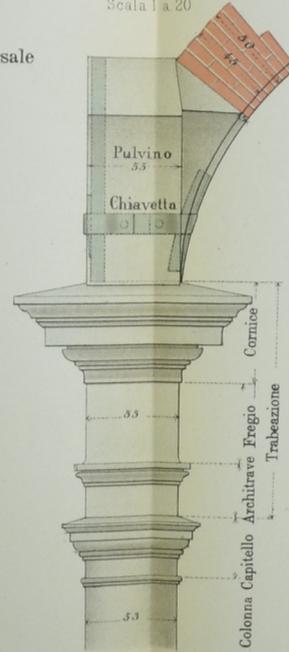
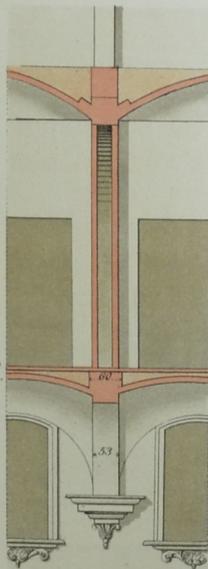


Particolari di Colonna e Pulvino

Scala 1 a 20

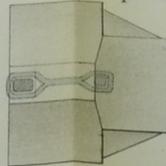


Spaccato di un muro trasversale



Proiezione del pulvino

Chiavetta

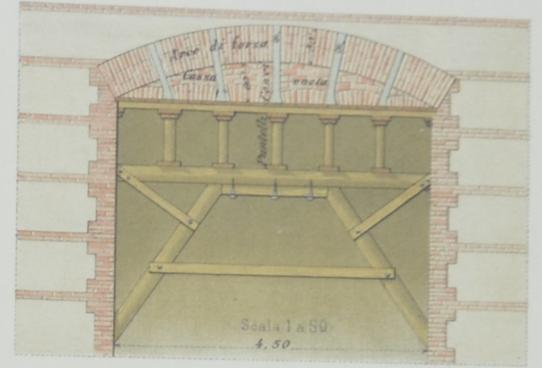


TORINO-ST. SALVADORIA

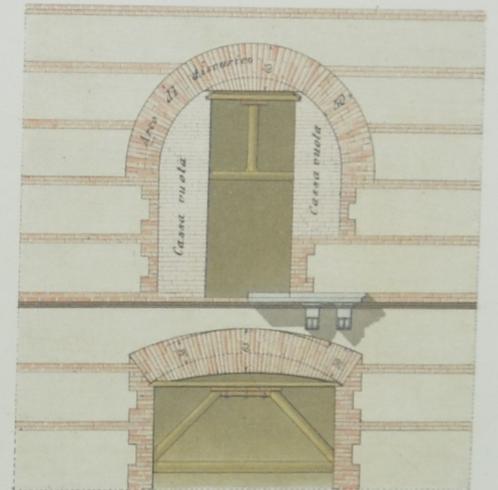
# PIATTABANDE ED ARCHI SCARICATORI

Tav. VII.

Prospetto di Piattabanda di corda metri 4,50  
 con sopracarico di muratura

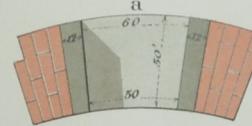


Prospetto di Piattabanda con Arco scaricatore



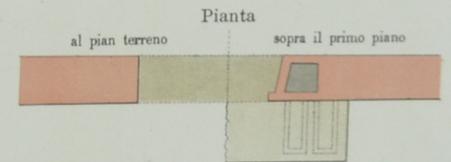
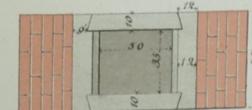
Conci pietra per passaggio di una  
 canna di Camino in un arco

Sezione



Scala 1 a 20

Pianta



Proprietà Artistico-letteraria



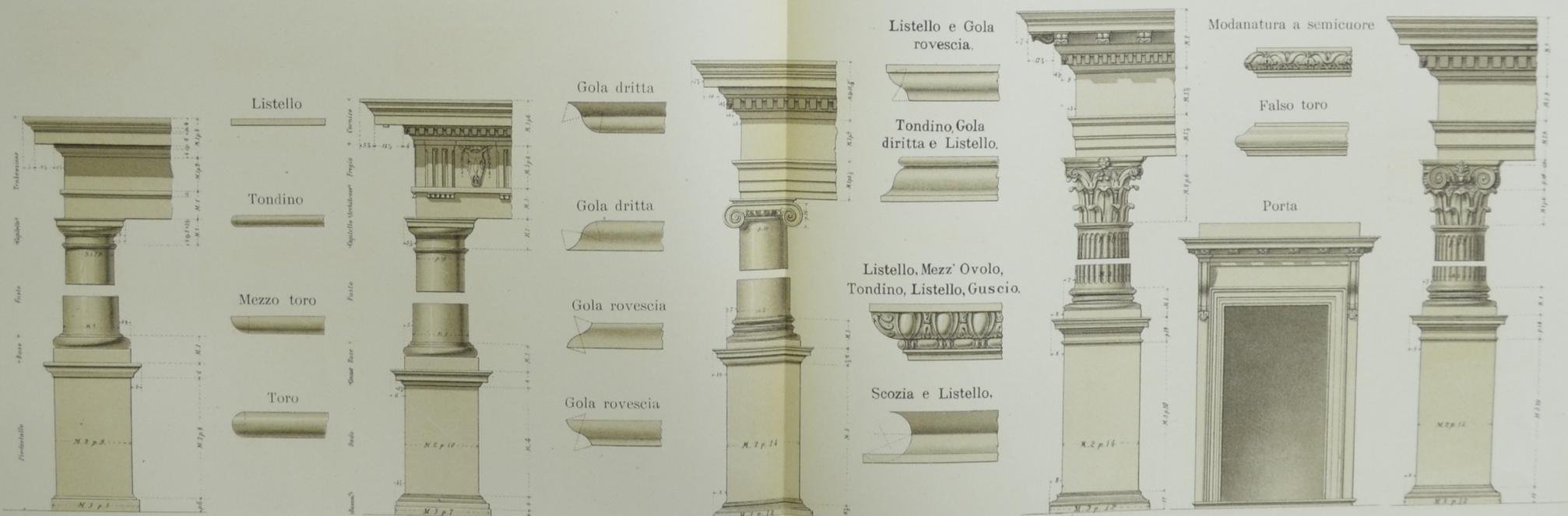
Toscano

Dorico

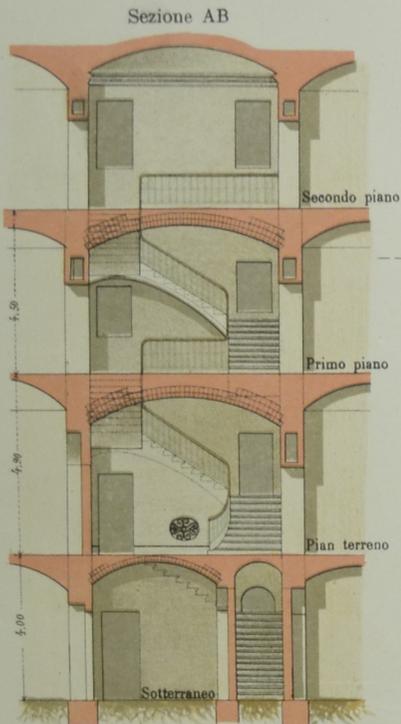
Ionico

Corintio

Composito

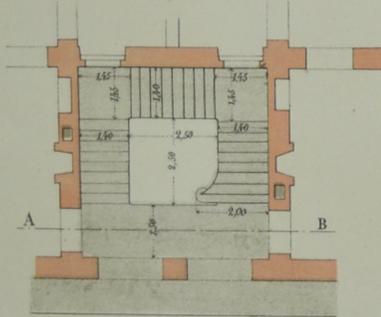


## SCALA SU VOLTE RAMPANTI



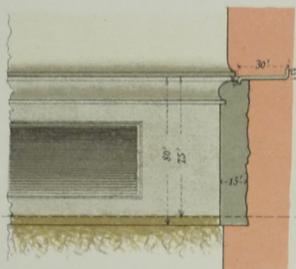
Scala di 1 a 100

Pianta



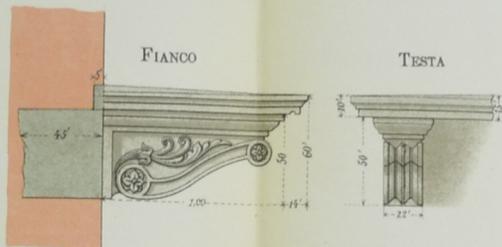
## ZOCCOLO

da mettersi in costruzione  
Scala di 1 a 20



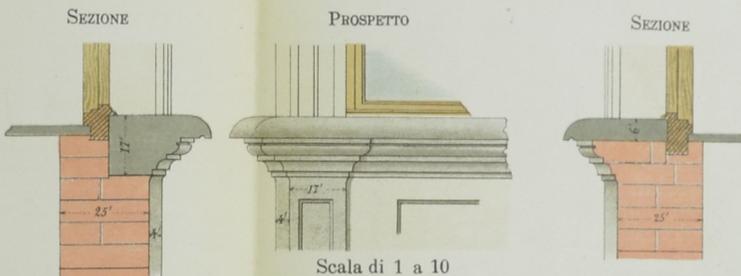
## MODIGLIONI

Scala di 1 a 20



## DAVANZALI

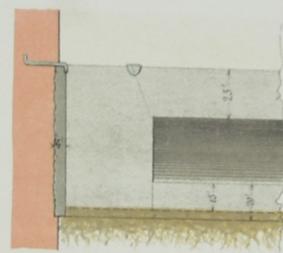
PROSPETTO



Scala di 1 a 10

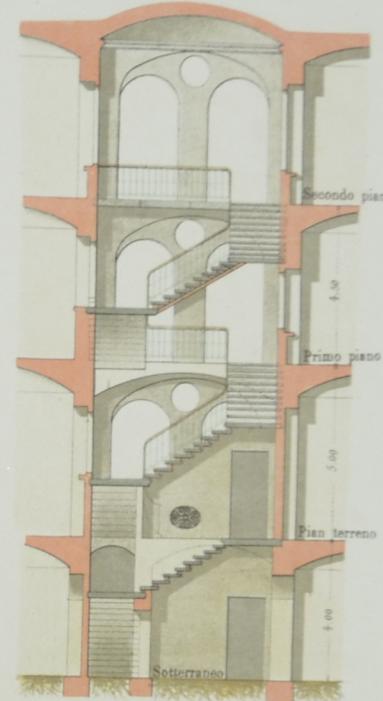
## ZOCCOLO

di lastra applicato al muro  
Scala di 1 a 20



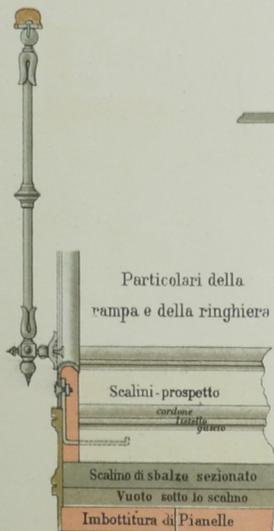
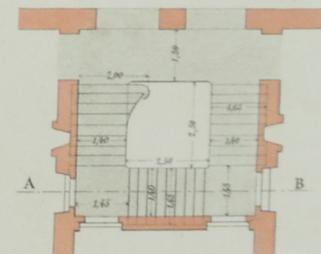
## SCALA DI SBALZO

Sezione AB



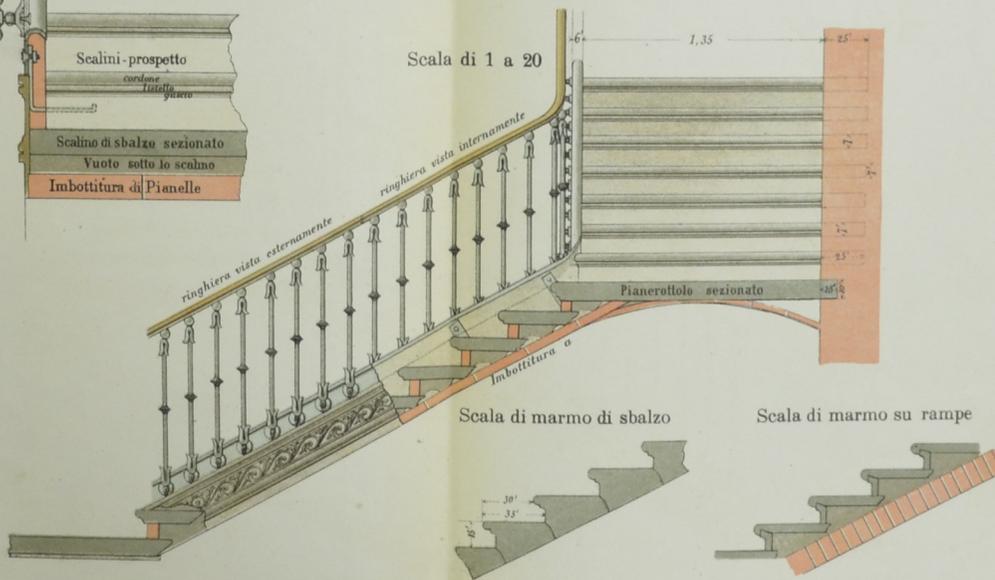
Scala di 1 a 100

Pianta



Particolari di rampe di scala di sbalzo

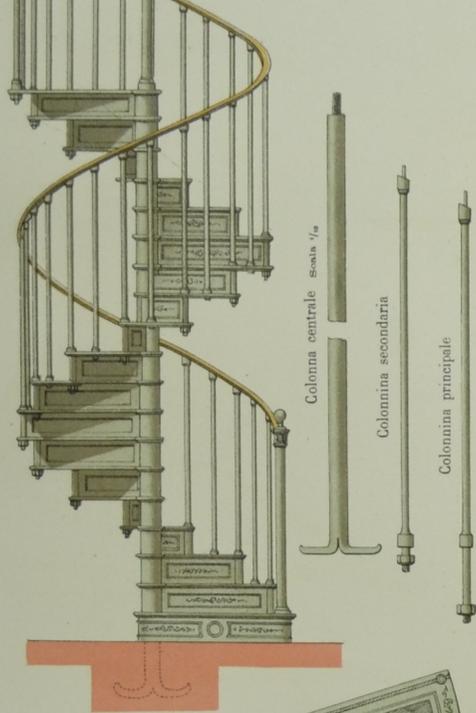
Scala di 1 a 20



Scala di marmo di sbalzo

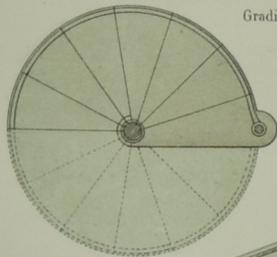
Scala di marmo su rampe

Scala a chiocciola in ferro  
Scala  $\frac{1}{80}$

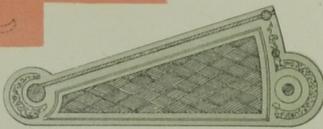


Colonna centrale scala  $\frac{1}{80}$   
Colonnina secondaria  
Colonnina principale

Pianta

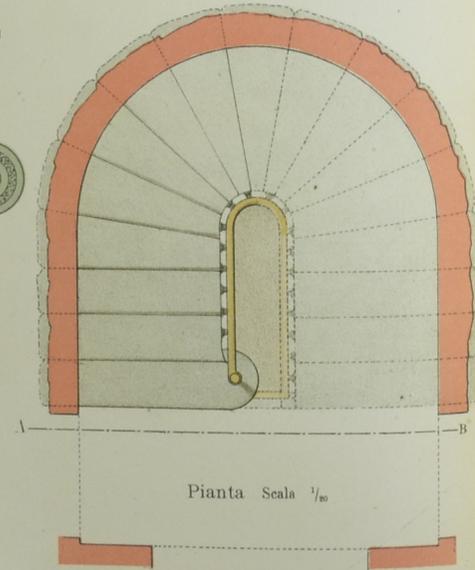
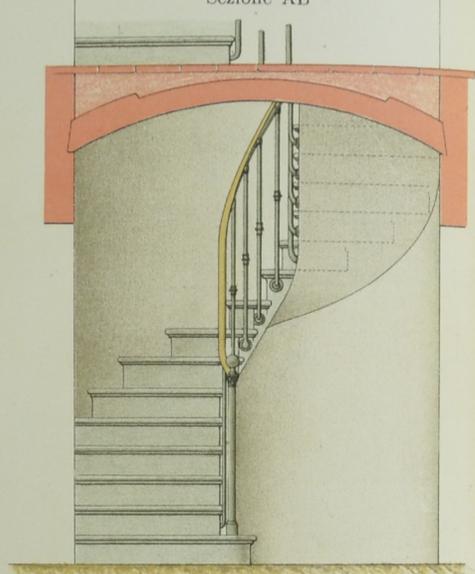


Gradino d'invito Scala  $\frac{1}{10}$



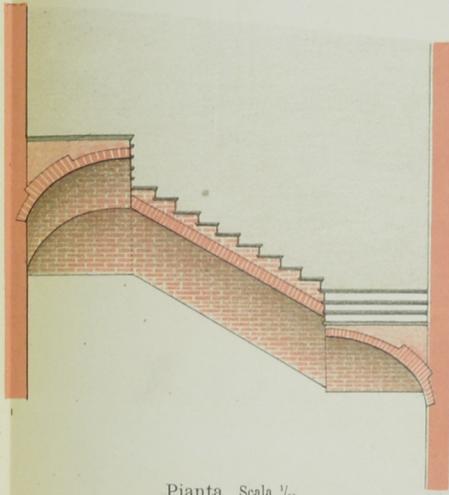
Gradino ordinario

Scala curvilinea in muratura Scala  $\frac{1}{80}$   
Sezione AB

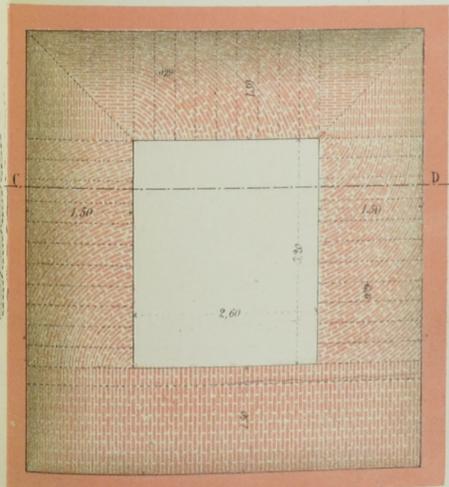


Pianta Scala  $\frac{1}{80}$

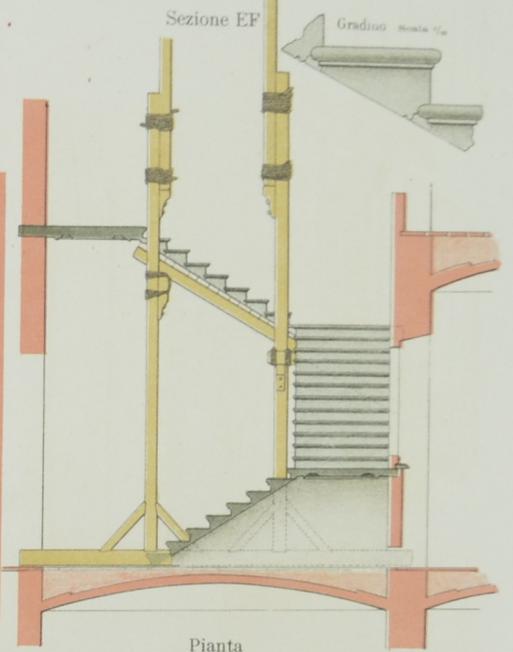
Scala sistema romano Scala  $\frac{1}{50}$   
Sezione CD



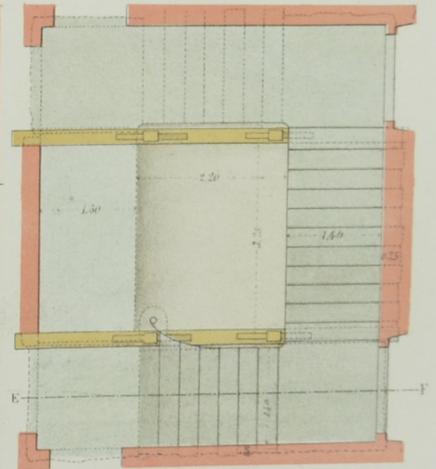
Pianta Scala  $\frac{1}{50}$



Scala a tutt'alzata di sbalzo Scala  $\frac{1}{50}$

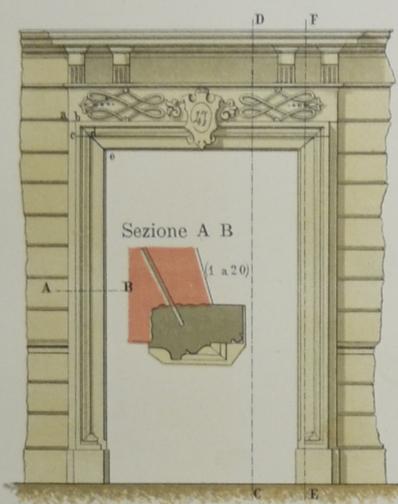


Pianta



## STIPITI - ARCHITRAVI E SOGLIE

Stipite ed architrave di Porta carraja



Scala 1/50

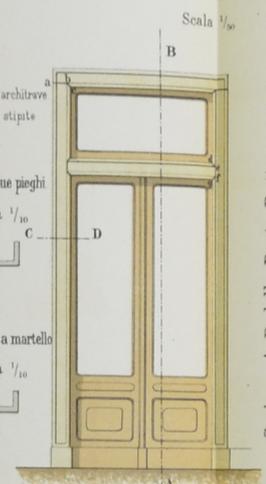
Sezione C D della Porta carraja



Sezione E F della Porta carraja

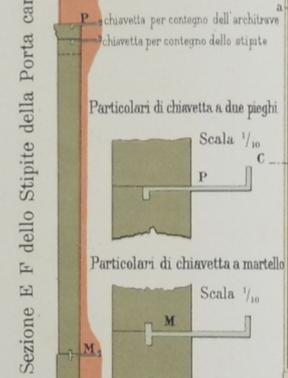
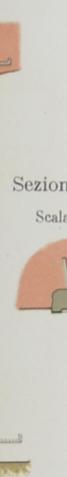


Stipite architrave di Porta da bottega



Scala 1/50

Sezione A B della Porta Bottega



Particolari di chiavetta a due pieghi

Scala 1/10

Particolari di chiavetta a martello

Scala 1/10

## RIVESTIMENTI DI PIETRA

Pilastro rivestito di granito a Bugne

Prospetto

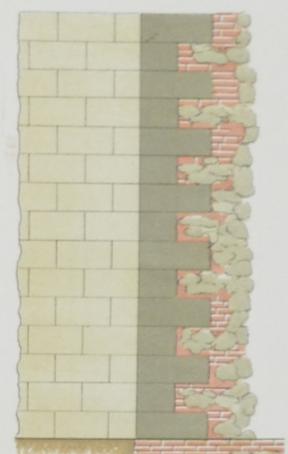


Sezione A B



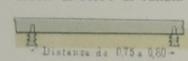
Muro rivestito di pietra conca

Prospetto



Sezione

Prospetto di un tratto della barra di ferro di battuta

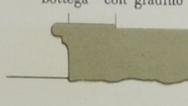


Sezione della soglia di Porta carraja

Scala di 1 a 10



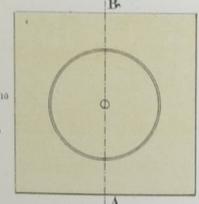
Sezione di soglia di Porta da bottega con gradino



Tombino o chiusino a doppio suggello

Pianta

Sezione A B



Scala 1/10

Banchine per copertura di muri

1/50 Scala

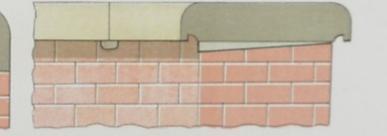


Banchine o Bauli per parapetti di ponti o simili



Giunte di Banchine per copertura di muri con canaleto di scolo delle acque d'infiltrazione

Scala 1/50



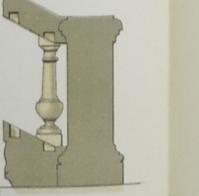
Prospetto di Balaustra

Scala 1/50



Sezione orizzontale della balaustra secondo la A B - C D - E F

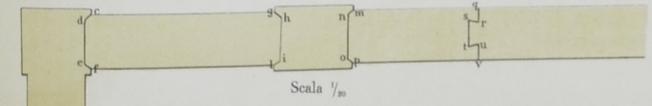
Tratto di sezione longitudinale della balaustra secondo la G-H



Particolari della chiavetta -a- per unione di banchino



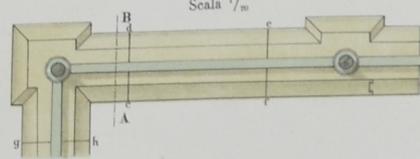
Pianta di banchine per copertura di muri - con indicazione di vari giunti



Scala 1/50

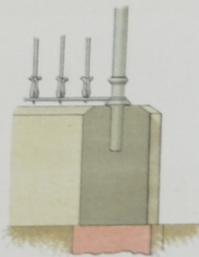
Pianta del basamento di una cancellata

Scala 1/50



Basamento di cancellata

Sezione A B

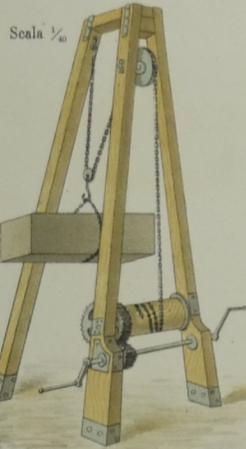


# ATTREZZI E MACCHINE PER IL TIRO DELLE PIETRE

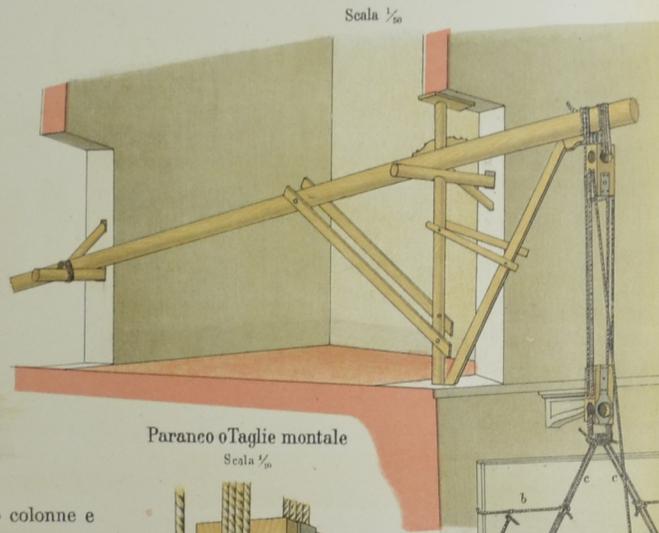
COPPERI e MUSSO — Particolari di Costruzioni

Tav. XII

Capra per caricare pietre su carri



Capra per tiro di lastroni di pietra o simili



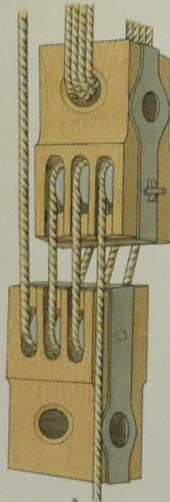
Modo di legare una colonna  
per relativo collocamento



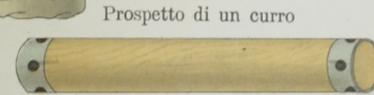
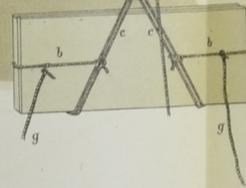
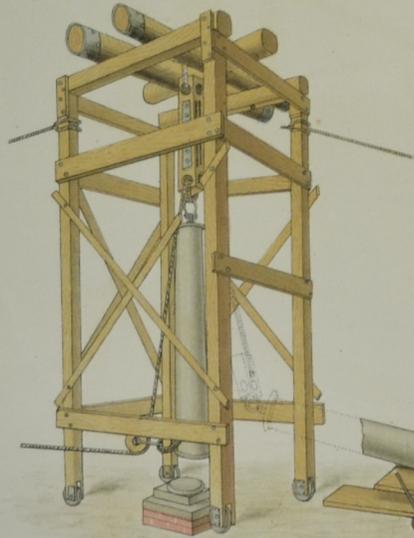
Grappa ordinaria scomposta Grappa a tenaglia scomposta



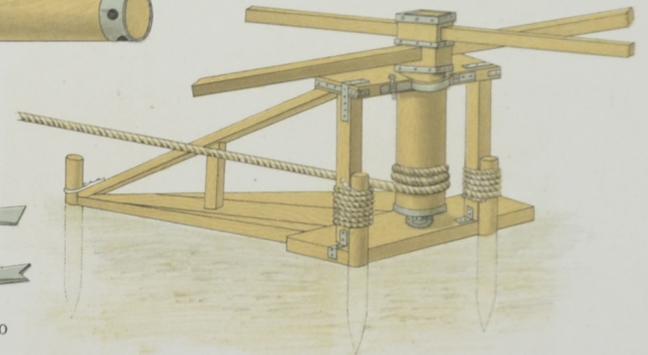
Paranco o Taglie montale



Carro a castello con curri per tiro colonne e  
procedimento pel tiro stesso



Prospetto di un argano ordinario

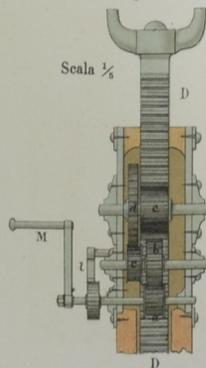


Leve di ferro

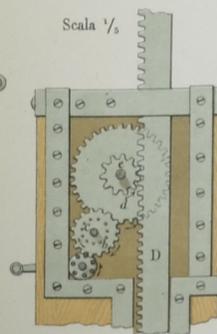
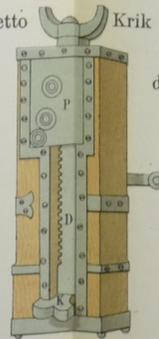


Arganetto per sollevare pesi  
detto Krik

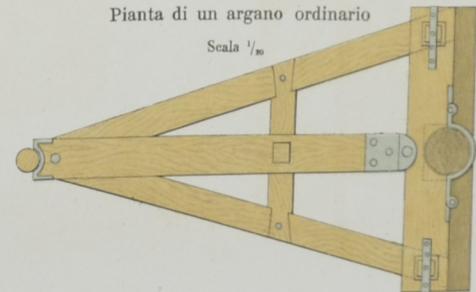
Sezione trasversale  
dell'ingranaggio



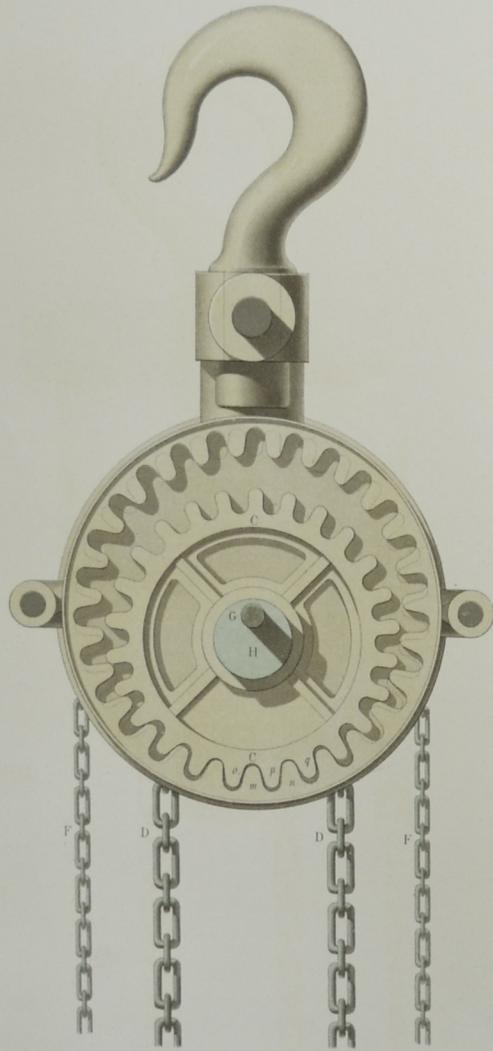
Sezione longitudinale  
dell'ingranaggio dell'arganetto



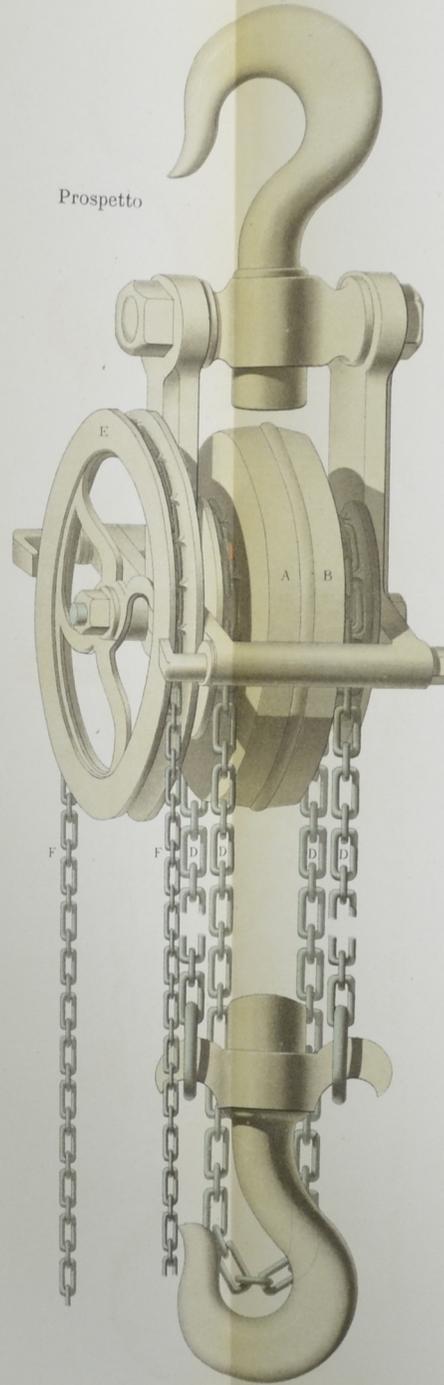
Pianta di un argano ordinario



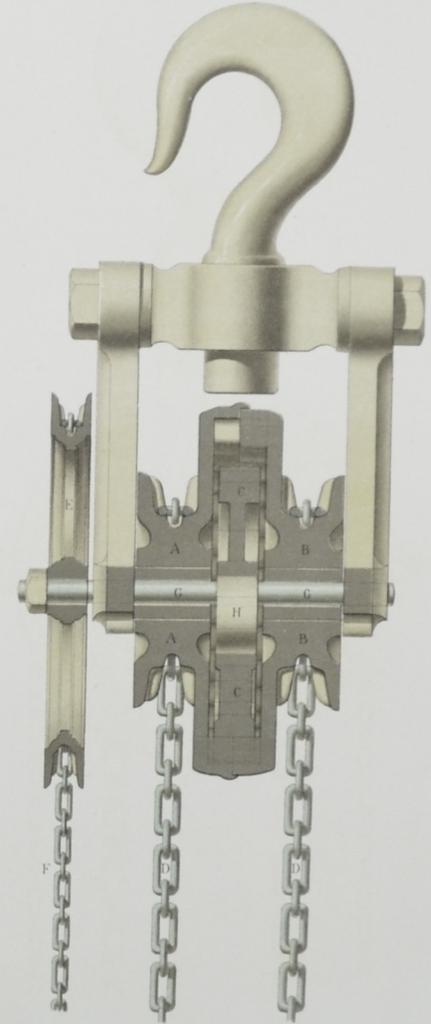
Sezione trasversale



Prospetto



Sezione longitudinale



(I denti visti sono quelli della ruota A  
quelli della ruota B sono punteggiati).