Committente :

MINISTERO DELLA DIFESA
Ufficio Autonomo Lavori - G.M. per M.D.
Via Firenze, 35 - 00184 - Roma

Progetto : PROGETTO DI FATTIBILITÀ TECNICO ECONOMICA
LAVORI DI AMMODERNAMENTO E RINNOVAMENTO STRUTTURALE ED IMPIANTISTICO DEL FABBRICATO "EX TEATRO" PER LA REALIZZAZIONE DI UN CENTRO SPORTIVO ADIBITO ALLA PREPARAZIONE DEL PERSONALE MILITARE ALLE P.E.F.O.
CIG : B10CA308A1

Descrizione elaborato : ELABORATO GRAFICO
PROGETTO STRUTTURALE SOPPALCO INTERNO

Progettista :
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Tel.+39 06 44561239
daisrl@arubapec.it
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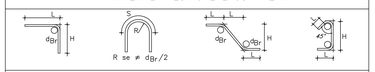
Timbri e Firme :
Responsabile della progettazione
Ing. Matteo Domenicucci
Ordine degli Ingegneri della Provincia di Roma

REV	DATA	DESCRIZIONE	REDATTO	VERIFICATO	APPROVATO
00	29/01/2025	Prima emissione	M.D.	M.D.	M.D.
01	26/02/2025	Integrazione	M.D.	M.D.	M.D.

Codice elaborato :	Livello progettuale :	Scala :	Elaborato :
PFTE-PAL-DIS-STR-002	PFTE	1:50	STR-02

MATERIALI PIEGATURE E COPRIFERRI



Diametro piegature d_{Br}:

ϕ Barra <20	d_{Br} = 4ϕ
ϕ Barra ϕ20 ÷ ϕ26	d_{Br} = 7ϕ

MATERIALI

Calcestruzzi

MAGRONE	Rck >=15 MPa
FONDAZIONE	CLASSE D'ESPOSIZIONE: XC2 C25/30: fck>=25MPa; Rck >=30MPa classe minima di consistenza S3 rapporto A/C <=0.6 Dosaggio minimo cemento 300Kg/mc Diametro massimo inerti: 20mm
ELEVAZIONE	CLASSE D'ESPOSIZIONE: XC3 C28/35: fck>=28MPa; Rck >=35MPa classe minima di consistenza S4 rapporto A/C <=0.55 Dosaggio minimo cemento 320Kg/mc Diametro massimo inerti: 15mm
SOLAI E SOLETTE	CLASSE D'ESPOSIZIONE: XC3 C28/35: fck>=28MPa; Rck >=35MPa classe minima di consistenza S4 rapporto A/C <=0.55 Dosaggio minimo cemento 320Kg/mc Diametro massimo inerti: 15mm

Acciai da C.A.

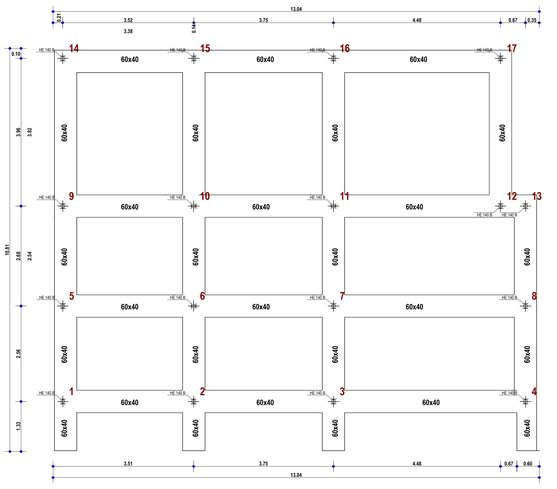
TIPO B450C saldabile (ex FeB44k saldabile) (6<=D<=40)	fynom=450 N/mmq ftnom=540 N/mmq fyk≥fynom frattile 5% ftk≥ftnom frattile 5% 1.15≤(ft/fy)k<1.35 frattile 10% (fy/fynom)k<1.25 frattile 10%
Reti e tralici elettrosaldati	fyk≥ 390 N/mmq ftk≥ 440 N/mmq (ftk/fyk)≥ 1.10

Elemento	Copriferro (cm)
STRUTTURE CONTRO TERRA	5.0
TRAVI INTERNE E PILASTRI	3.0
SOLETTE E SOLAI	2.0

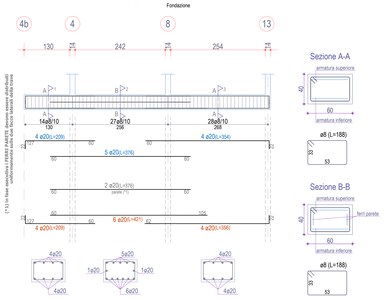
Prescrizioni

Le quote planimetriche sono espresse in cm mentre quelle altimetriche in metri.
Per le altre dimensioni fare riferimento al progetto architettonico

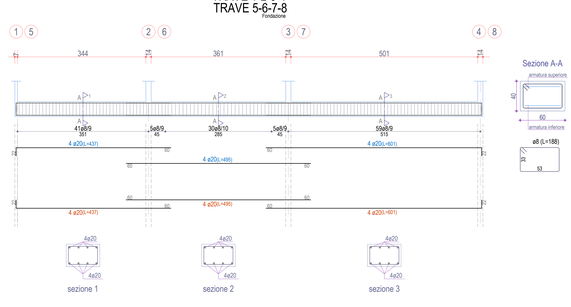
FONDAZIONE



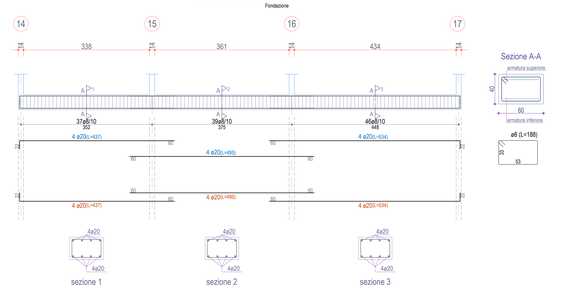
TRAVE 4b-4-8-13
Fondazione



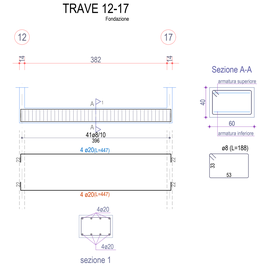
TRAVE 1-2-3-4
TRAVE 5-6-7-8
Fondazione



TRAVE 14-15-16-17
Fondazione



TRAVE 12-17
Fondazione



TRAVE 9-10-11-12-13
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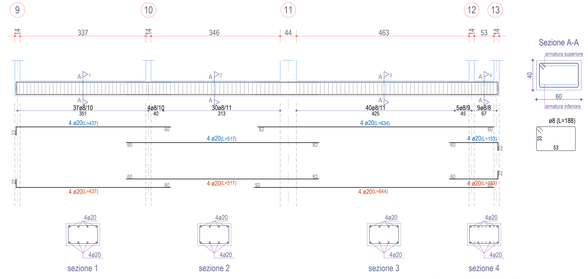
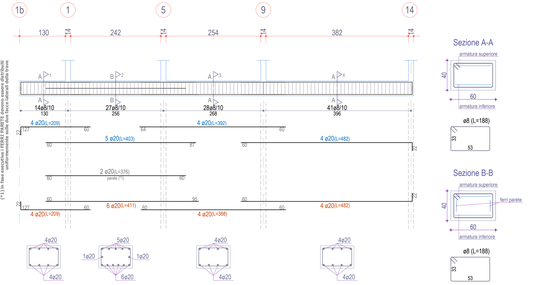


TRAVE 1b-1-5-9-14
Fondazione

TRAVE 3b-3-7-11-16
Fondazione

TRAVE 2b-2-6-10-15
Fondazione



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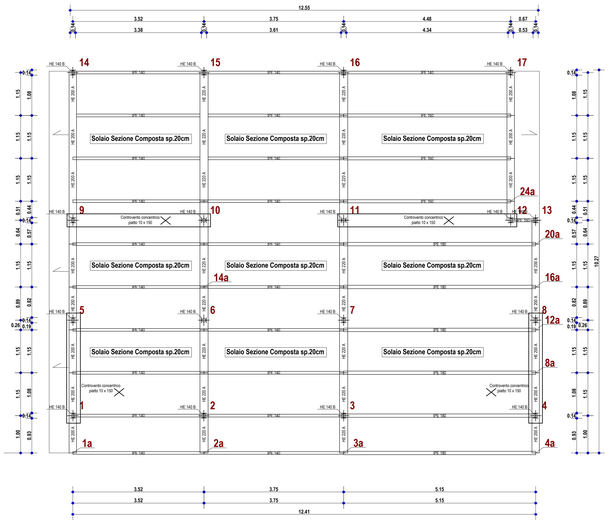
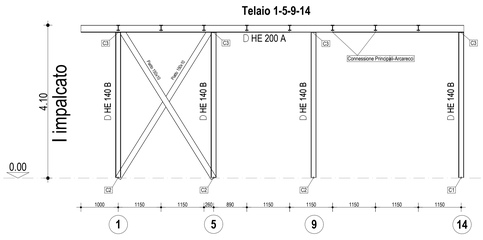


Telaio 3-7-11-16
Telaio 2-6-10-15

Telaio 14-15-16-17

Telaio 1-5-9-14



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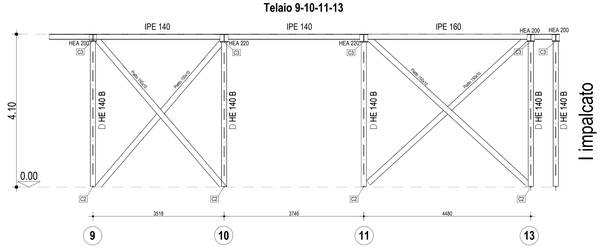
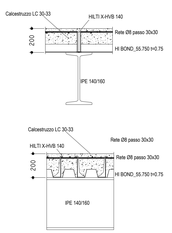
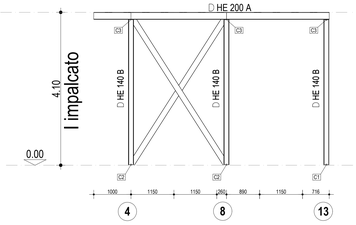


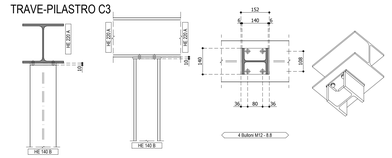
Solaio
Sezione Composta acciaio-cls sp.20cm



Telaio 4-8-13

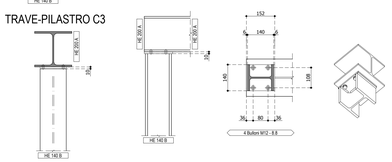


TRAVE-PILASTRO C3



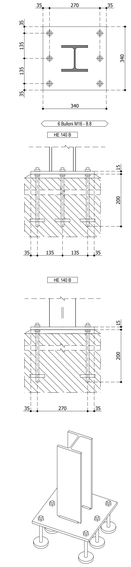
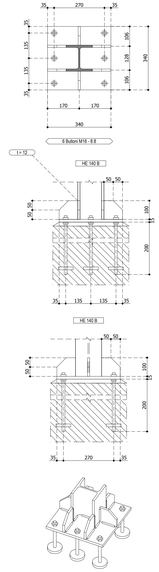
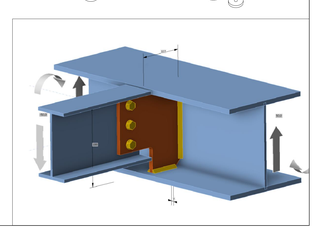
Connessione Principali-Arcarecci

TRAVE-PILASTRO C3



Connessione Principali-Arcarecci

PARTICOLARE C1
(senza controventi)



PARTICOLARE C2
(con controventi)