acer
azienda casa emilia - romagna
provincia di bologna

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PROGETTO DI COMPLESSO RESIDENZIALE ZIS RS.2 NAVILE
EX MERCATO ORTOFRUTTICOLO
BLOCCO G - edificio G1

Lotti 1407/R 1461/Z 1467/I

PROGETTO ESECUTIVO 2° STRALCIO

Tav.		Data	
4.21	STRUTTURE: CORPO A SVILUPPO TRA I 1° IMPALCATO	05/2021	
Scala	Quota di imposta: -0.32/+0.57	N° Disegno	
1:50		40834	

rev.	descrizione	data	disegno	controllo	approvato
0	emissione	05/21			
1					
2					
3					

Progettista architettonico
dell'edificio capogruppo

Progettista per l.o.a.

Progettista impianti meccanici

Progettista impianti elettrici

Arch. Gerlando Guggino
Arch. Guggino Gerlando Studio Guggino
Studio Guggino
Via Nicolò dei Lapi, 29
40139 Bologna

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Piano di Sicurezza e Coordinamento
in fase di progettazione ed esecuzione
D.Lgs. 81/2008

Direzione Lavori

Geologia e geotecnica

Studio associato
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Ing. Francesco Ferrara
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Dott. Mattia Simoni
Via di Corticella 88/4
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Consulente
Ing. Francesco Ferrara
Via Nicolò dei Lapi, 29
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Relazione acustica
Valutazione previsionale dei requisiti
delle sorgenti sonore interne

Il Responsabile del Procedimento
Il Legale del Servizio Tecnico

Consulente
Ing. Francesco Ferrara
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Ing. Silvia Stradella
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Rev. TAV.04_B.1 - Rev. 2 del 20.01.2014

TABELLA MATERIALI

Strutture in opera di GETTI DI FALDA:
calcestruzzo realizzato con cemento tipo 325, dosato a q.li 1.50 per mc di inerti.

FONDAZIONI
Classe di resistenza C25/30
Classe di esposizione XC2 (UNI 11104)
Diametro massimo inerti mm 19
Rapporto max A/C 0.60
STRUTTURE IN ELEVAZIONE
Classe di resistenza C28/35
Classe di esposizione XC3 (UNI 11104)
Diametro massimo inerti mm 19
Rapporto max A/C 0.60
ACCIAIO PER C.A.
Barre ad aderenza
Acciaio tipo B450C controllato in stabilimento con le seguenti caratteristiche:
Tensione caratteristica di snervamento: $f_{yk} \geq 450$ N/mm²
Tensione caratteristica di rottura: $f_{tk} \geq 540$ N/mm²
Allungamento: $A_{gt} \geq 7.5\ \%$
Reti elettrosaldate
Acciaio tipo B450C o B450A controllato in stabilimento con le seguenti caratteristiche:
Tensione caratteristica di snervamento: $f_{yk} \geq 450$ N/mm²
Tensione caratteristica di rottura: $f_{tk} \geq 540$ N/mm²
Allungamento: $A_{gt} \geq 2.5\ \%$

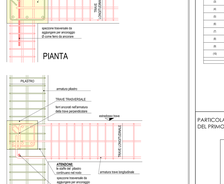
SOLAI:

Tipologia	Peso [kN/mq]	Sovraccarico accidentale [kN/mq]	Sovraccarico accidentale Cat.
TIPO 1: 1° impalcato interno: prealles. h 4+24	4.00	4.40	cat. A	2.00
TIPO 1.1: 1° impalcato esterno (terrazzo): prealles. h 4+24	4.00	4.40	cat. A	2.00
TIPO 2.B: 1° impalcato esterno (fioriere): prealles. h 4+24	4.00	5.65	cat. A/C	2.00 / 5.00
TIPO 2: 1° impalcato esterno (marciapiede del cortile): prealles. h 4+24 - R120	4.00	6.00	cat. A/C/ area	2.00 / 5.00 / 1.20
TIPO 3: 1° impalcato esterno - androni di ingresso: prealles. h 4+24 - R120	3.35	7.15	cat. C2	4.00
TIPO 3.1: 1° impalcato esterno B: lastra cemento h 22+4	4.20	4.45	cat. A	2.00
TIPO 3.B: impalcati superiori: lastra cemento h 22+4	4.20	4.25	cat. A	2.00
TIPO 3.C: impalcati superiori - terrazzo: lastra cemento h 22+4	4.20	4.25	cat. A	2.00
TIPO 3.D: impalcati superiori vani scala intermedi: lastra cemento h 22+4	3.20	2.00	cat. C2	4.00
TIPO 3.1: copertura - zona praticabile: lastra cemento h 22+4	4.20	2.00	cat. C/F area	3.00 / 1.20
TIPO 4: copertura - verde: lastra cemento h 28+4	4.20	3.60	cat. H/ area	0.50 / 1.20
TIPO 5: Balcone: soletta h 22 cm	8.00	3.75	cat. C2	4.00
TIPO 6: Passerine: soletta h 16 cm	3.75	3.15	cat. C2	4.00

(1) = PERMANENTI PORTATI (QZ) DI CONSIDERANO COMPLITAMENTE DEFINITI (vale dalla tab 2.6.1)

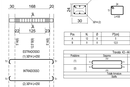
PARTICOLARE TIPICO DELL'ANCORAGGIO ARMATURA NEI NODI DI BORDO O LATERALI (NON CONFINATI)

N.B.: PER "NODO NON CONFINATO" SI INTENDE QUANDO NON CONFLUISCONO 4 TRAVI

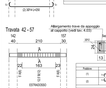


TRAVI QUOTA -0.32

Travata 43 - 44 / 32 - 33

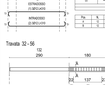


Travata 42 - 57

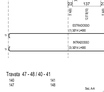


Allargamento nicchie da asportare
(in aggiunta) (vedi tav. 4.03)

Travata 32 - 56



Travata 47 - 48 / 42 - 41



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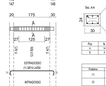

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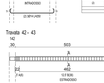

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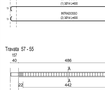

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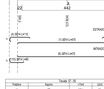

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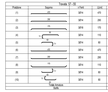
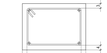


Travata 35 - 67

PARTICOLARE COPRIFERRO PER LE TRAVI DEL PRIMO IMPALCATO



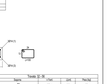
PARTICOLARE PIEGATURA STAFFE

N.B.: LA DISTANZA DELLA PRIMA STAFFA DAL FILO PILASTRO DEVE ESSERE = cm 5

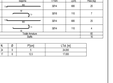
Travata 9 - 8

Travata 49 - 54

Travata 57 - 66

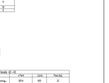


Travata 17 - 36



Travata 6 - 56

Travata 56 - 65



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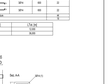
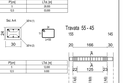


Travata 37 - 39

Travata 34 - 36



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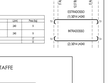


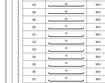
Travata 22 - 29

Travata 12 - 51

Travata 36 - 49

Travata 54 - 58

Travata 37 - 38



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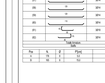

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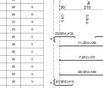
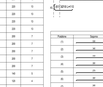


Travata 68 - 70



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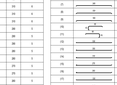

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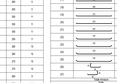
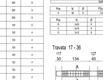
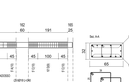


Travata 59 - 37



Travata 23 - 30

Travata 5 - 20 / 11 - 18



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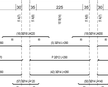
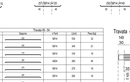


Travata 9 - 42



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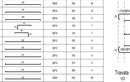

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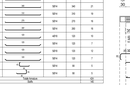

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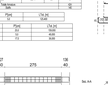

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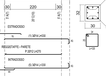
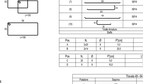


Travata 64 - 66

Travata 55 - 45



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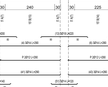

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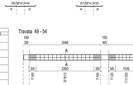
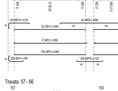
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