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PROGETTO DI COMPLESSO RESIDENZIALE
ZIS R5.2 NAVILE
EX MERCATO ORTOFRUTTICOLO
BLOCCO G - edificio G1
Lotti 1467/R 1467/Z 1467/I

PROGETTO ESECUTIVO 2° STRALCIO

Tav.	STRUTTURE: CORPO C TABELLA PILASTRI	Data
4.32		05/2021
Scala		N° Disegno
1:50		40845

VERSIONE	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
00	PRIMA EMISSIONE	19/12/2014			
01	REVISIONE	16/07/2015			
02	REVISIONE	05/2021			
03	REVISIONE				

Progettista architettonico dell'intervento complessivo	Progettista opere in c.a.	Progettista impianti meccanici	Progettista impianti elettrici
Arch. Germano Severini ACER Bologna Arch. Corrado Scaglianti Studio Scaglianti via del Borgo di San Pietro, 28 40126 Bologna	Arch. Corrado Scaglianti Studio Scaglianti via Nosadella, 5/1A 40123 Bologna	Per ind. Luca Macchiavelli via de Carracci 17 40033 Casalecchi di Reno Bologna	Arch. Corrado Scaglianti Studio Scaglianti via del Borgo di San Pietro, 28 40126 Bologna
Piano di Bruncsa e Condramento Ser di progettazione ed esecutiva D.Lgs. 81/2008 Ing. Maurizio Migliaccio QUANTICLET SRL gruppo ingegneri architetti via Emilia Ponente 364 40139 Bologna	Direttore Lavori ACER Bologna Piazza della Resistenza, 4 40122 Bologna	Geologia e geotecnica Geol. Matteo Simoni Studio di Scienze della Terra via Fontanella, 8/2 40059 Zola Predosa (Bo)	Studio acustico Arch. Corrado Scaglianti Studio Scaglianti via del Borgo di San Pietro, 28 40126 Bologna Consulente: ing. Francesca Rametta Tecnair Via del Porto, 1 40122 Bologna
Relazione acustica Ai sensi della normativa dei parametri edilizi secondo il DPCM 05/12/1997	Il Responsabile del Procedimento Il Dirigente del Servizio Tecnico	Il Direttore Generale	Il Presidente
Ing. Silvio Sindaco MATE Via San Felice, 21 40122 Bologna	Ing. Antonio Fogni ACER Bologna Piazza della Resistenza, 4 40122 Bologna	Francesco Nirti ACER Bologna Piazza della Resistenza, 4 40122 Bologna	Alessandro Alberici ACER Bologna Piazza della Resistenza, 4 40122 Bologna

Mod. PST5-M Ed. 1 Rev. 2 del 22.01.2014

TABELLA MATERIALI

SOTTOFONDAZIONI E GETTI DI PULIZIA:
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 30
Rapporto massimo A/C	0.60

STRUTTURE IN ELEVAZIONE

Classe di resistenza	C28/35
Classe di esposizione	XC3 (UNI 11104)
Diametro massimo inerti	mm 18
Rapporto massimo A/C	0.60

ACCIAIO PER C.A.

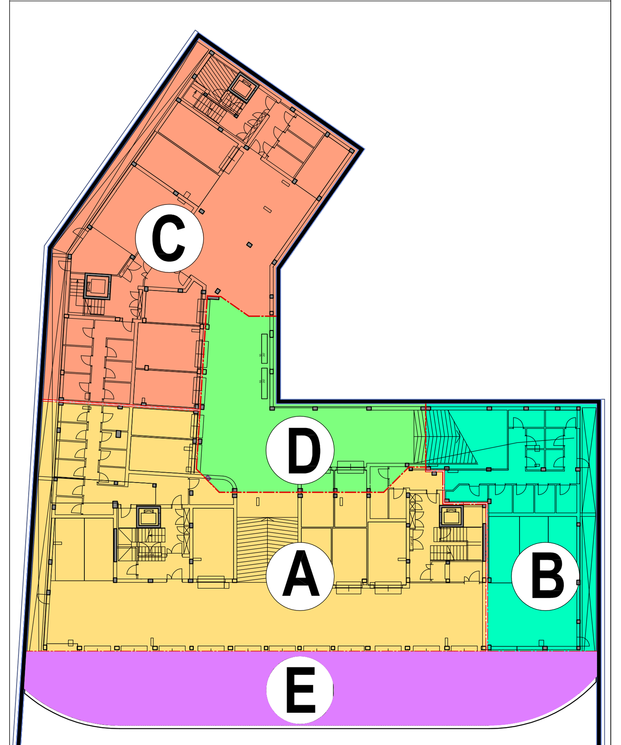
Barre di acciaio:
Acciaio tipo B450C controllato in stabilimento con le seguenti caratteristiche:
Tensione caratteristica di snervamento: $f_{yk} \geq 450$ N/mm²
Tensione caratteristica di rottura: $f_{tk} \geq 540$ N/mm²
Allungamento A ≥ 7.5 %

Rete elettrosaldata:
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 ≥ 2.5 %

SOLAI

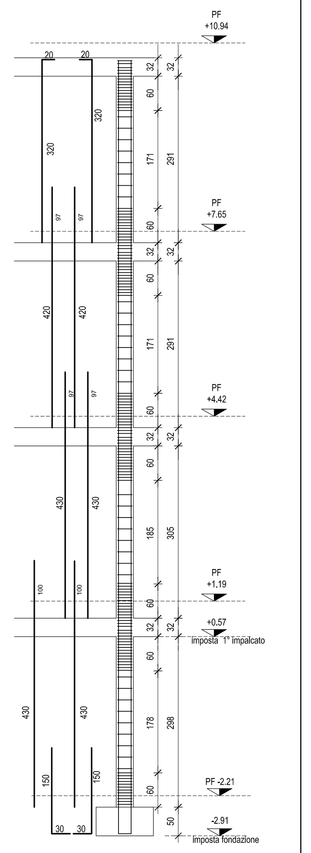
Tipologia Carichi indicati in kN/m²	Peso proprio (G1)	Sovraccarichi permanenti (G2)*	Sovraccarichi accidentali (Q)	
TIPO 1: 1° impalcato interno: predalles h: 4+24+4 R120	4.00	4.40	cat. A	2.00
TIPO 2.A: 1° impalcato esterno (terrazzo): predalles h: 4+24+4 - R120	4.00	4.00	cat. A neve	2.00 1.20
TIPO 2.B: 1° impalcato esterno (floriere): predalles h: 4+24+4 - R120	4.00	5.65	cat. H1 neve	0.50 1.20
TIPO 3: 1° impalcato esterno (marciapiede lato strada): predalles h: 4+24+4 - R120	4.00	6.00	cat. C3 neve	5.00 1.20
TIPO 4: 1° impalcato interno – androni di ingresso: predalles h: 4+16+4 - R120	3.35	1.75	cat. C2	4.00
TIPO 5.A: 2° impalcato corpo B: latero cemento h: 20+4	4.20	4.45	cat. A	2.00
TIPO 5.B: impalcati superiori: latero cemento h: 28+4	4.20	4.25	cat. A	2.00
TIPO 5.C: impalcati superiori – terrazzo: latero cemento h: 28+4	4.20	2.35	cat. A	2.00
TIPO 5.D: impalcati superiori vani scala intermedi: latero cemento h: 20+4	3.20	2.00	cat. C2	4.00
TIPO 6: copertura – zona pavimentata: latero cemento h: 28+4	4.20	2.50	cat. H1 neve	0.50 1.20
TIPO 7: copertura – verde: latero cemento h: 28+4	4.20	3.60	cat. H1 neve	0.50 1.20
TIPO 8: Balcone: soletta h:32 cm	8.00	3.75	cat. C2	4.00
TIPO 9: Pensilina: soletta h:15 cm	3.75	3.15	neve	1.20

(*) I PERMANENTI PORTATI (G2) SI CONSIDERANO COMPIUTAMENTE DEFINITI (nota della tab 2.6.1)



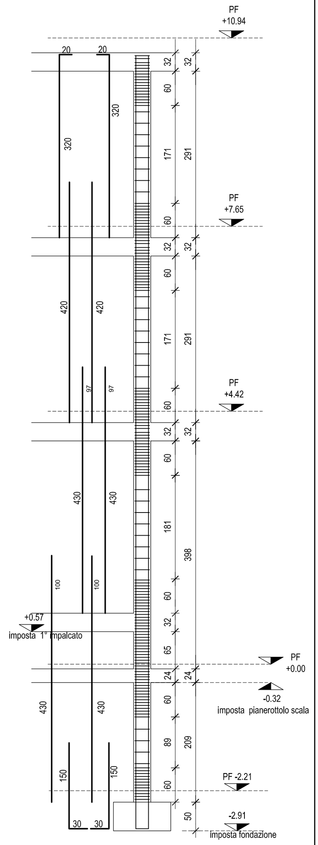
PILASTRI FABBRICATO

SCHEMA TIPO
- Indicazione del passo delle staffe



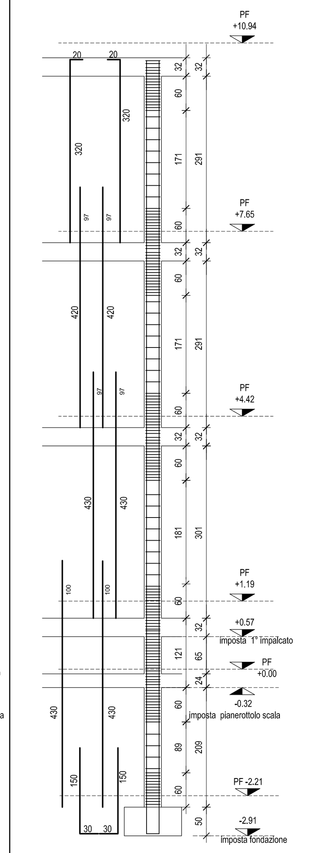
PILASTRI FABBRICATO

SCHEMA TIPO
- Indicazione del passo delle staffe
PILASTRO 27



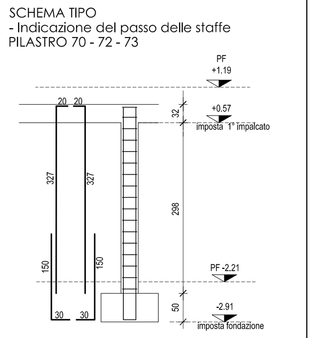
PILASTRI FABBRICATO

SCHEMA TIPO
- Indicazione del passo delle staffe
PILASTRO 11- 28 - 31



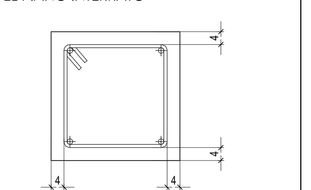
PILASTRI FABBRICATO

SCHEMA TIPO
- Indicazione del passo delle staffe
PILASTRO 70 - 72 - 73



SCHEMA TIPO
- Indicazione del passo delle staffe
PILASTRO 71

PARTICOLARE COPRIFERRO PILASTRI DEL PIANO INTERRATO



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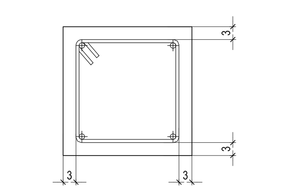
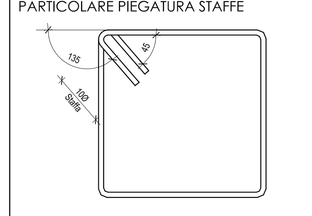
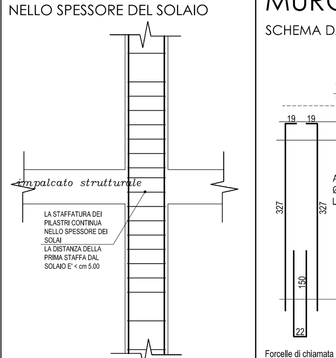


PARTICOLARE PIEGATURA STAFFE

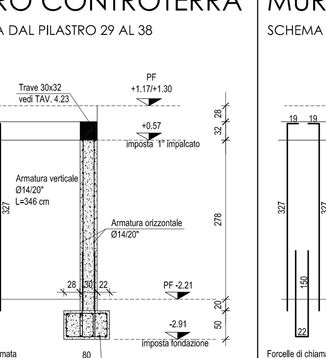


PARTICOLARE STAFFATURA NELLO SPESSORE DEL SOLAIO



MURO CONTROTERRA

SCHEMA DAL PILASTRO 29 AL 38



MURO CONTROTERRA

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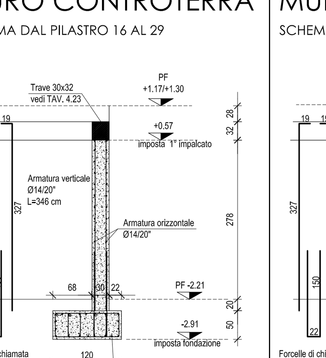


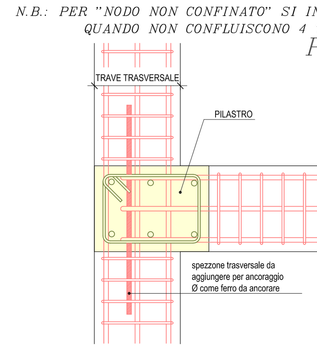
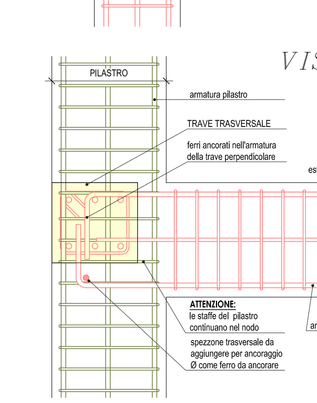
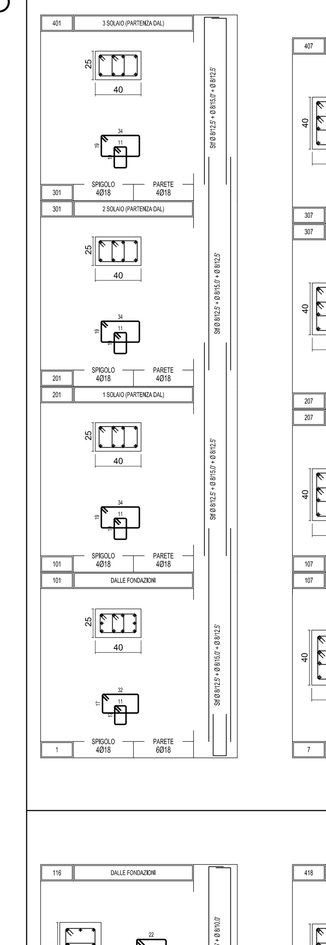
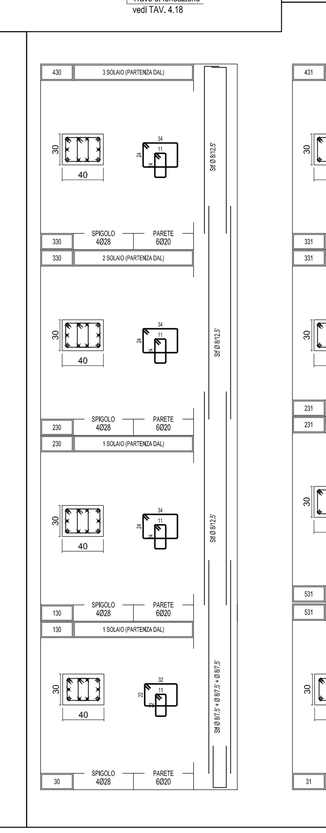
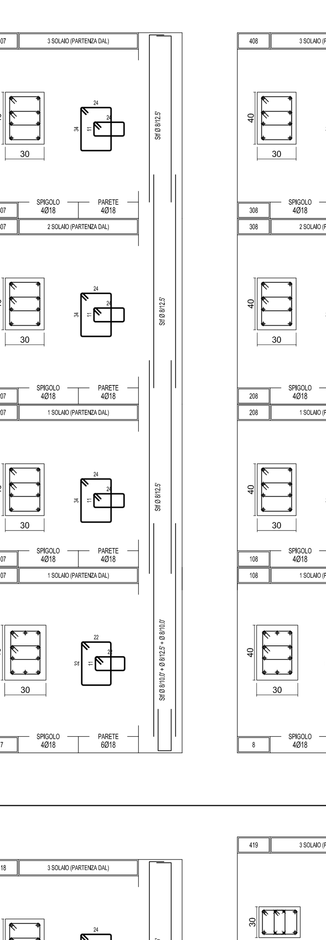
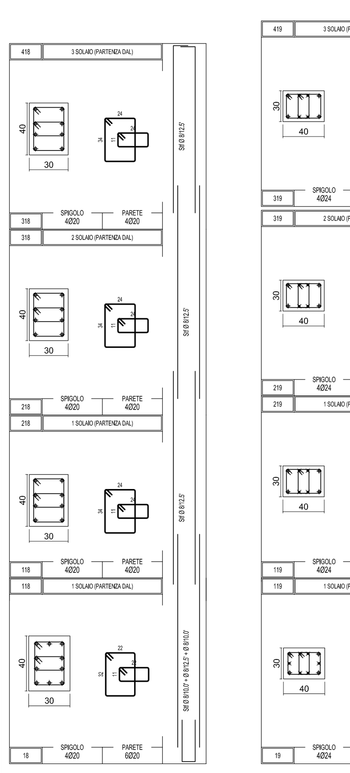
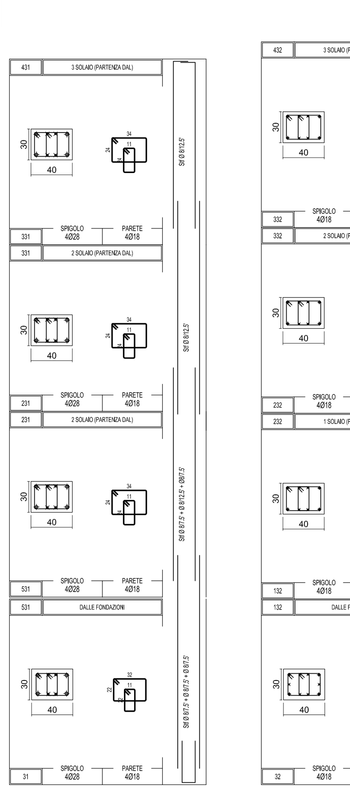
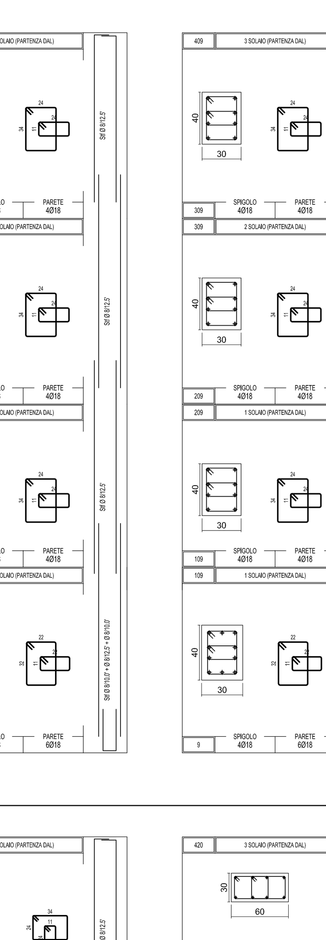
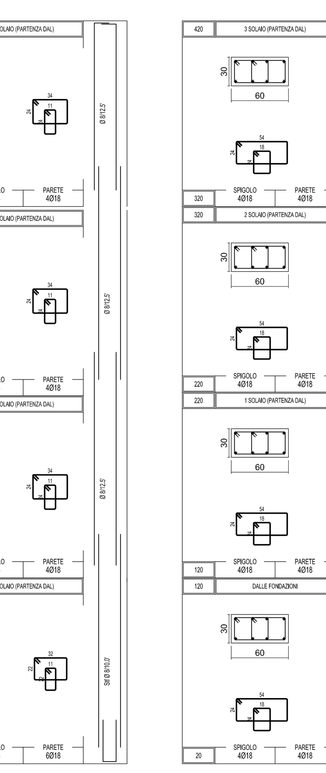
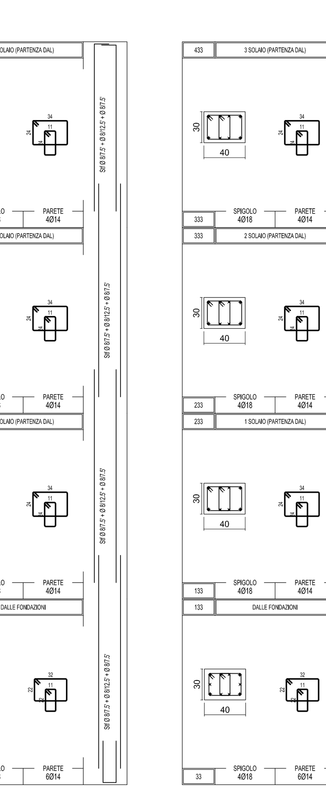
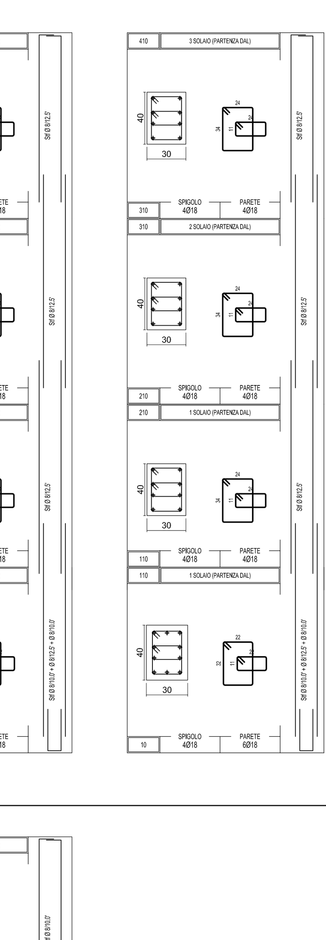
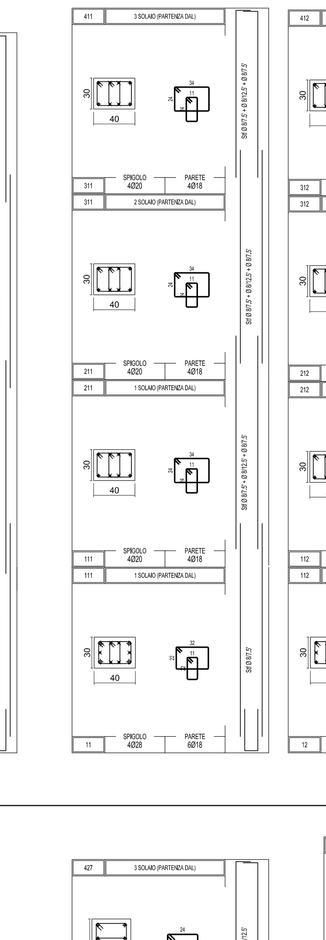
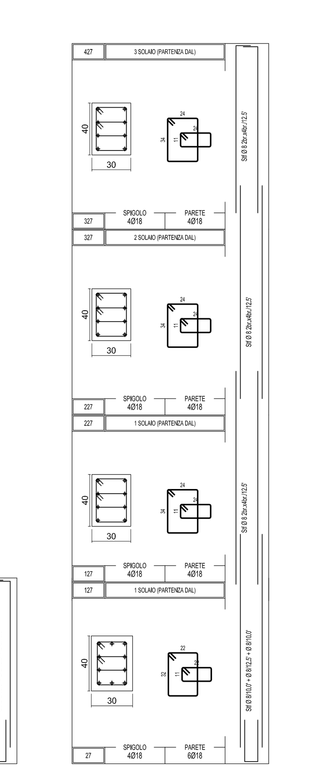
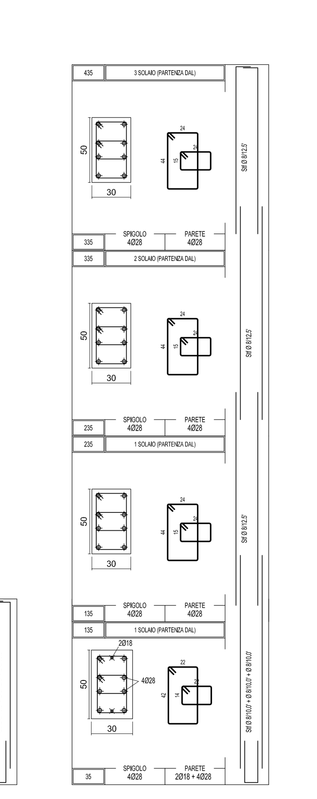
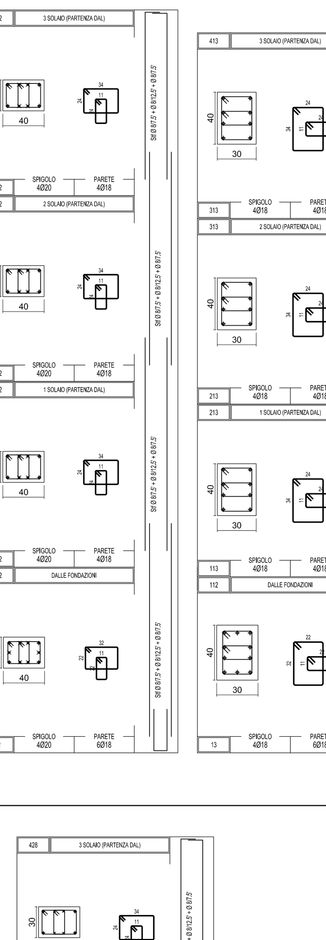
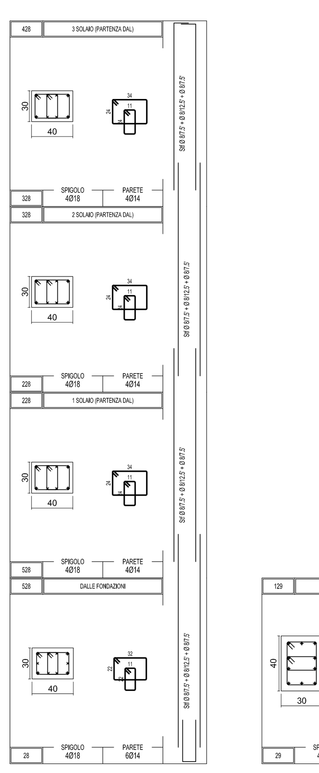
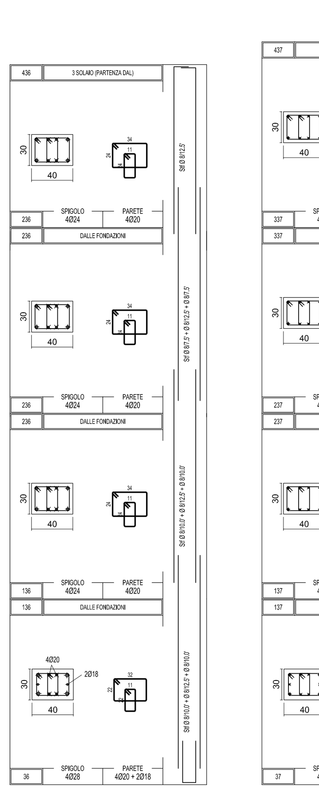
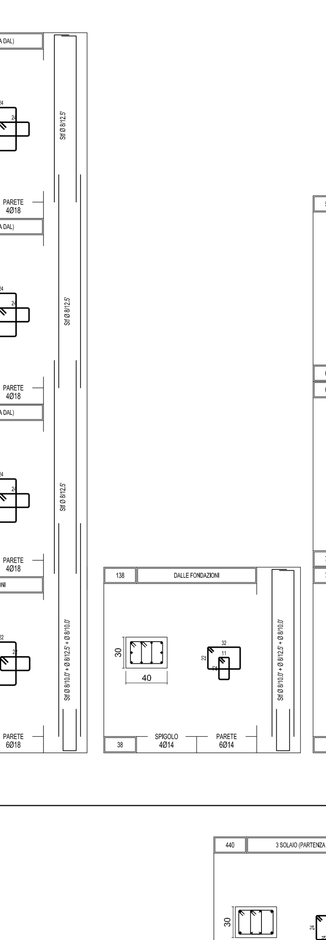
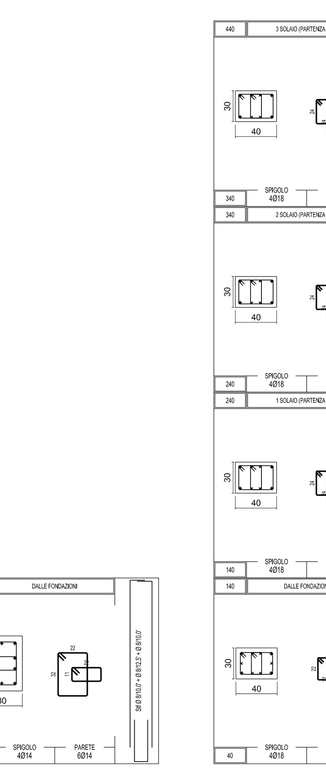
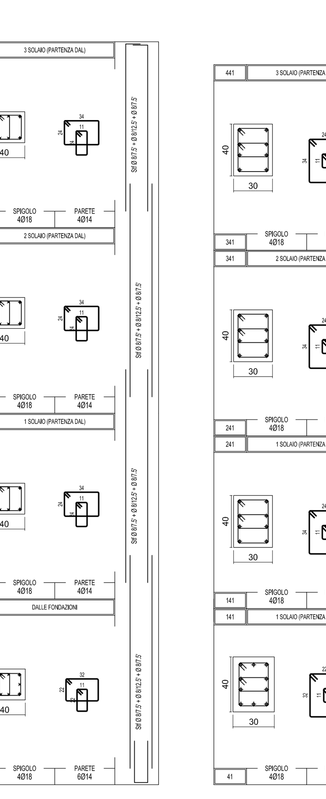
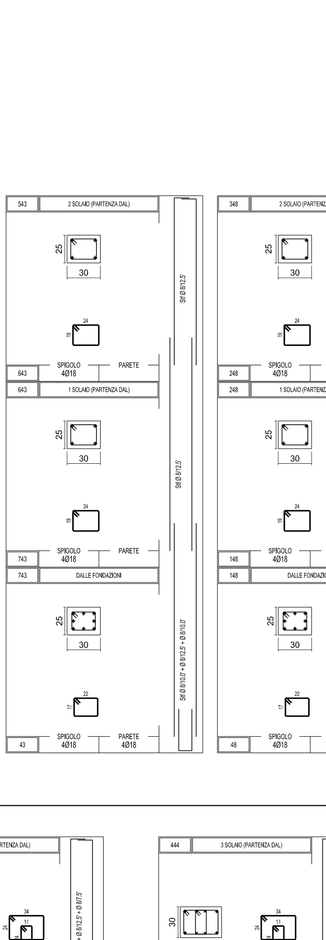
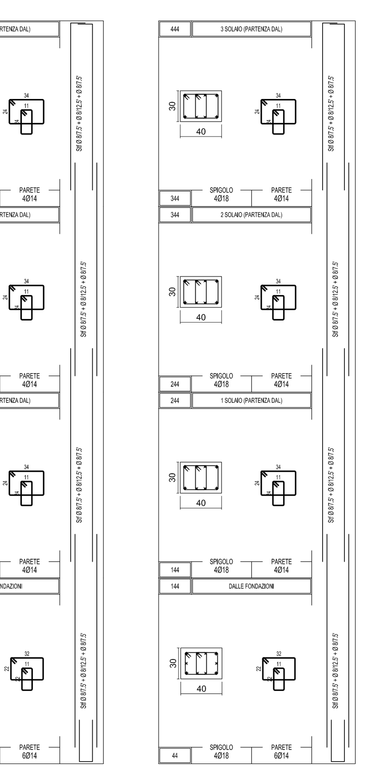
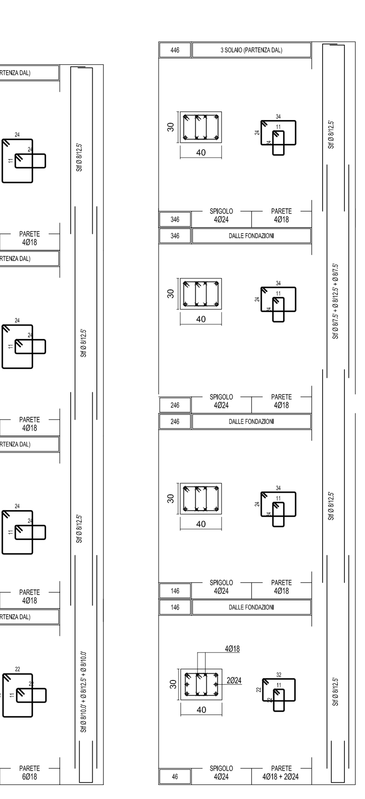
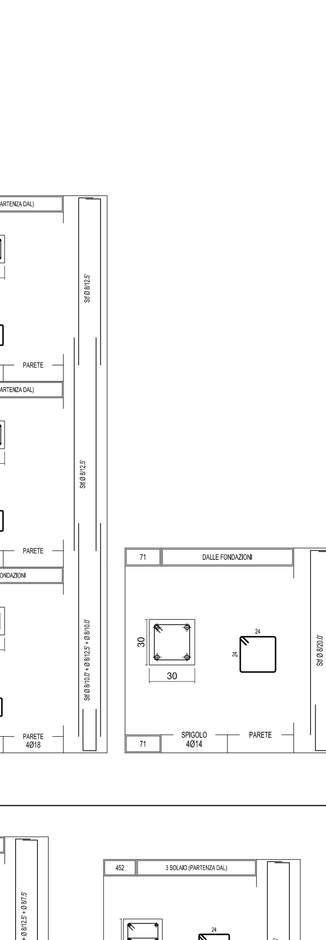
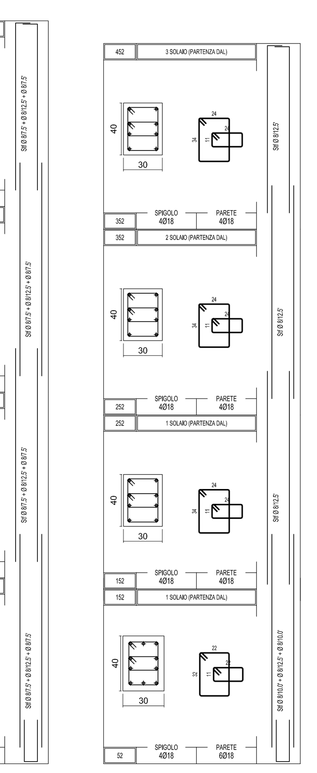
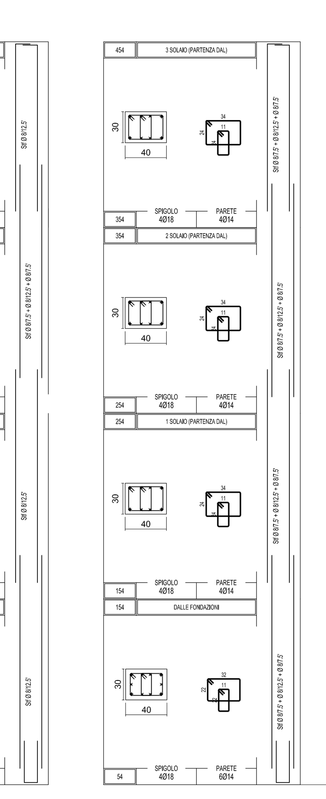
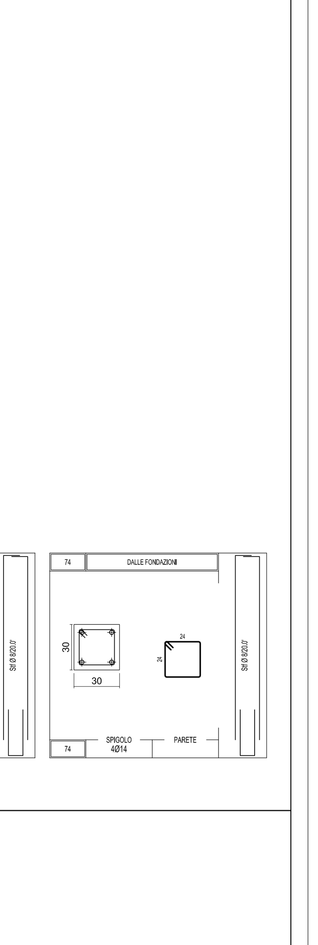
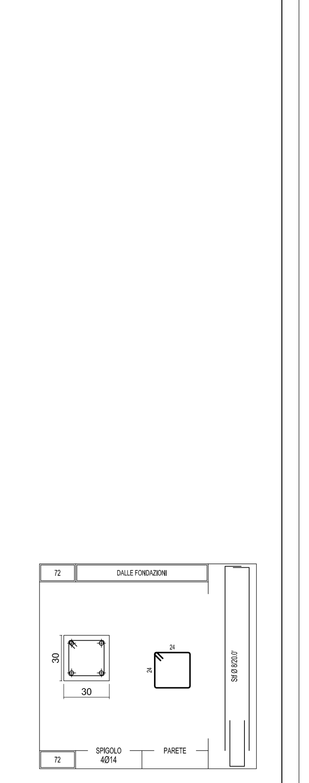
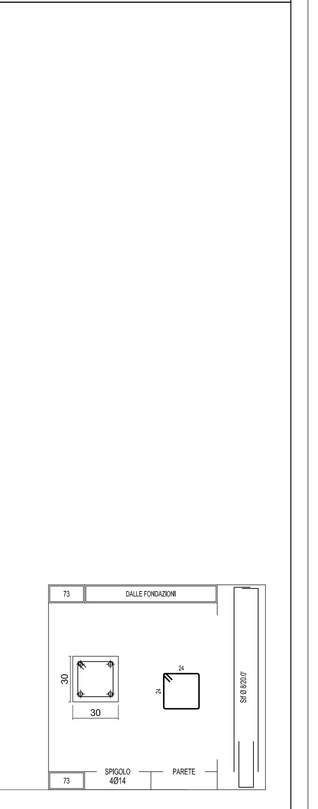
MURO CONTROTERRA

SCHEMA DAL PILASTRO 38 AL 54

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

PIANTA



VISTA LATERALE