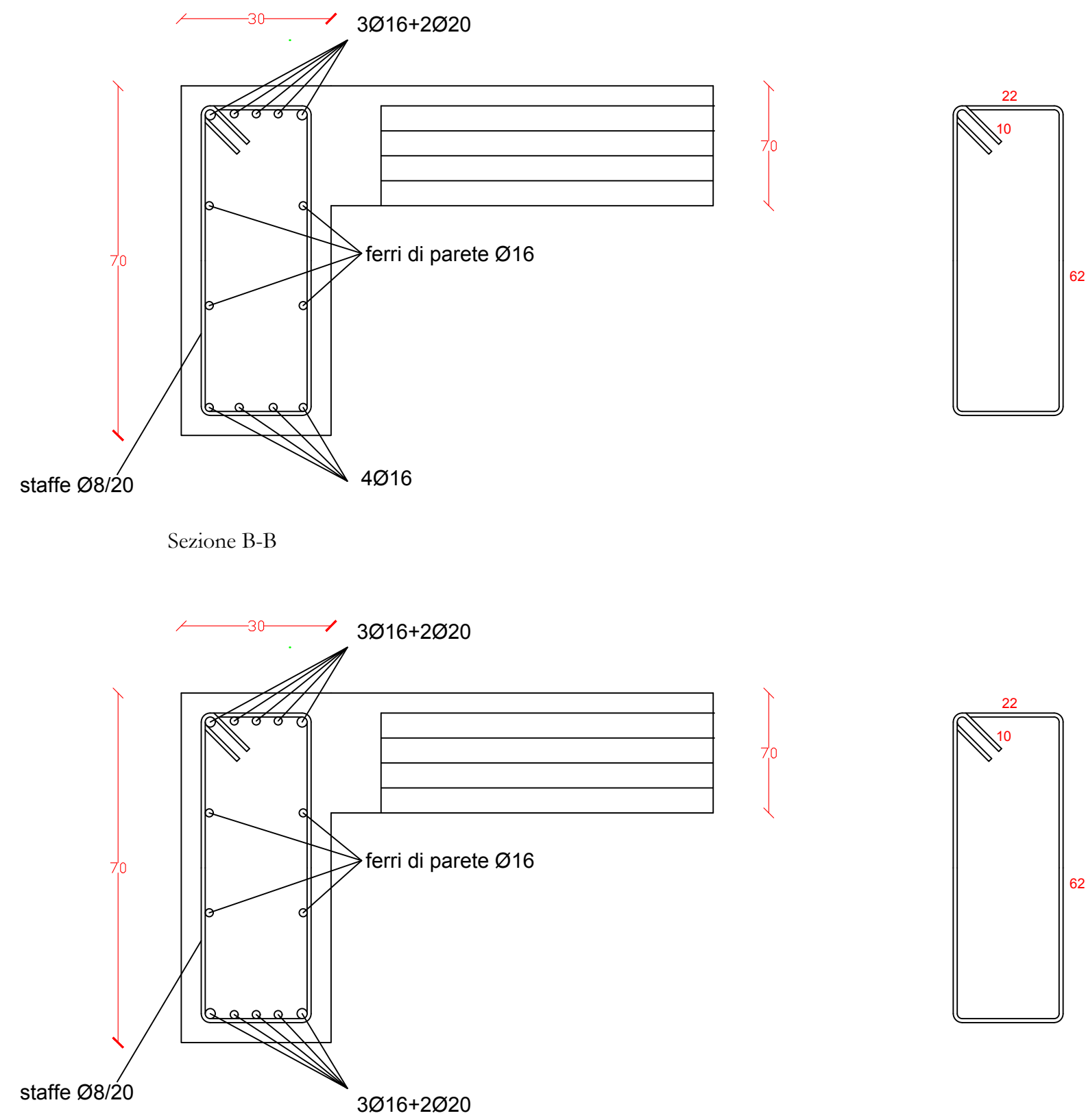


Sezione A-A



SEZIONE LONGITUDINALE

Scala 1:50

Reinforcement details shown:

- Top reinforcement: $3\Phi 16 + 2\Phi 20$
- Bottom reinforcement: $4\Phi 16$
- Side reinforcement: $3\Phi 16$

Dimensions (in cm):

- Span 14: 110, 260, 110
- Span 15: 110, 240, 110
- Span 16: 110, 270, 110
- Span 17: 120, 200, 110

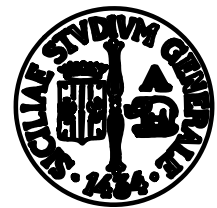
Diagram illustrating the reinforcement details for columns and beams in a 10-story building. The diagram is divided into two sections by a vertical dashed line.

Column Reinforcement Details:

- Column 1 (Left):**
 - Level 10: 2Φ20, L=335
 - Level 9: 1Φ16, L=220
 - Level 8: 3Φ16, L=1025
 - Level 7: 2Φ16, L=840
 - Level 6: 2Φ16, L=840
 - Level 5: 1Φ16, L=540
 - Level 4: 3Φ16, L=1050
- Column 2 (Right):**
 - Level 9: 1Φ16, L=210
 - Level 8: 3Φ16, L=1400
 - Level 7: 2Φ16, L=1400
 - Level 6: 2Φ16, L=1400
 - Level 5: 2Φ20, L=745
 - Level 4: 2Φ20, L=730
- Column 3 (Left):**
 - Level 9: 1Φ16, L=210
 - Level 8: 3Φ16, L=1400
 - Level 7: 2Φ16, L=1400
 - Level 6: 2Φ16, L=1400
 - Level 5: 2Φ20, L=745
 - Level 4: 2Φ20, L=730
- Column 4 (Right):**
 - Level 9: 1Φ16, L=210
 - Level 8: 3Φ16, L=1400
 - Level 7: 2Φ16, L=1400
 - Level 6: 2Φ16, L=1400
 - Level 5: 2Φ20, L=745
 - Level 4: 2Φ20, L=730

Beam Reinforcement Details:

- Beam 1 (Top):** 2Φ20, L=335
- Beam 2 (Middle):** 1Φ16, L=220
- Beam 3 (Bottom):** 3Φ16, L=1025



UNIVERSITA'
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DIPARTIMENTO DI:
INGEGNERIA CIVILE E ARCHITETTURA

CORSO DI LAUREA IN INGEGNERIA STRUTTURALE E GEOTECNICA

CORSO DI:
PROGETTO DI STRUTTURE IN ZONA SISMICA
ANNO ACCADEMICO 2016/2017

DOCENTI: AURELIO GHERSI-FABIO NERI

- DIAGRAMMA MOMENTI SOLLECITANTI E RESISTENTI 1cm=50 kNm
- SEZIONE LONGITUDINALE Scala 1:50
- DISTINTA ARMATURE Scala 1:50
- STRALCIO CARPENTERIA Scala 1:50
- SEZIONI TRASVERSALI A-A B-B Scala 1:10

MATERIALI UTILIZZATI:

- CALCESTRUZZO C25/30
- ACCIAIO B450C

REVISORE:
PROF. ING. A. GHERSI

STUDENTE:
SCUDERI DEBORAH

TAV 3