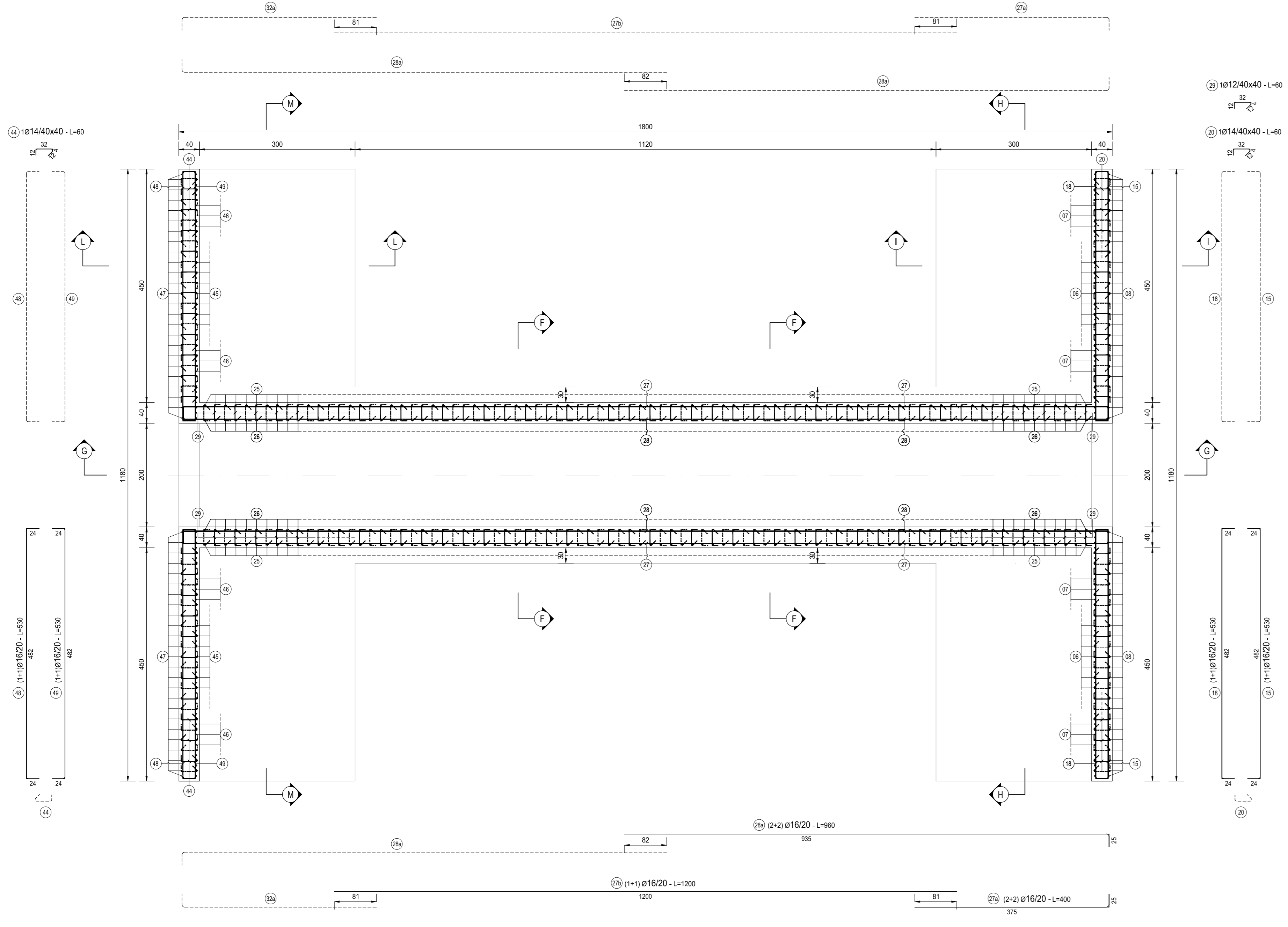
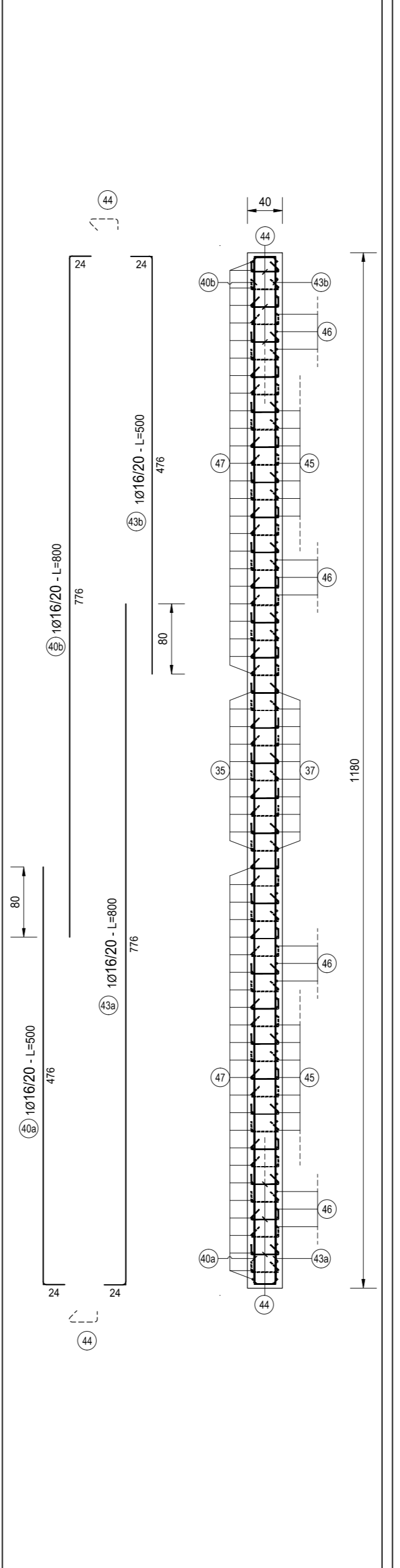


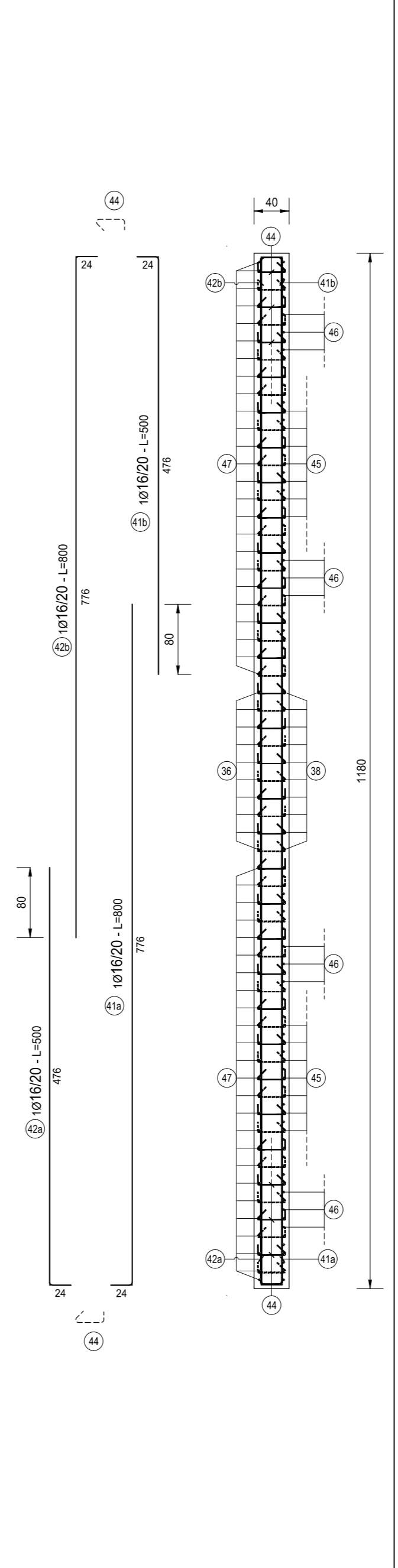
SEZIONE C-C
SCALA 1:50



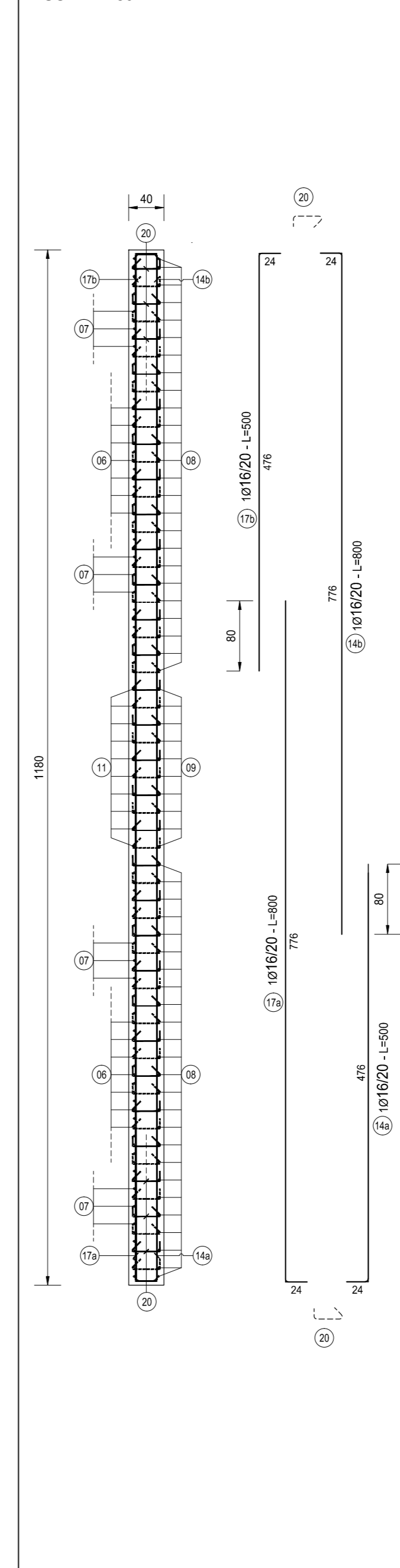
SEZIONE A-A
SCALA 1:50



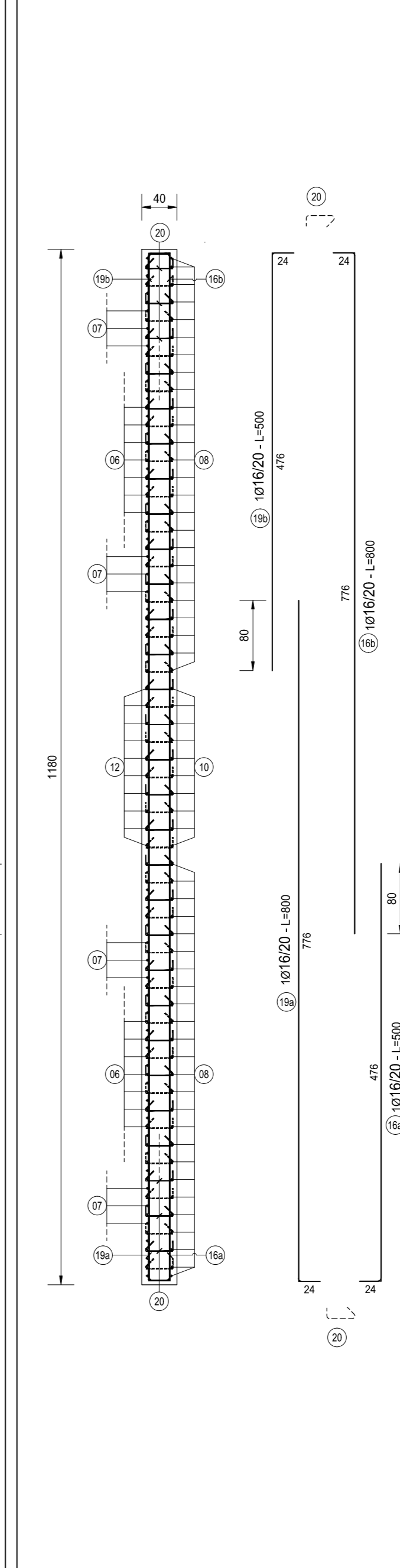
SEZIONE B-B
SCALA 1:50



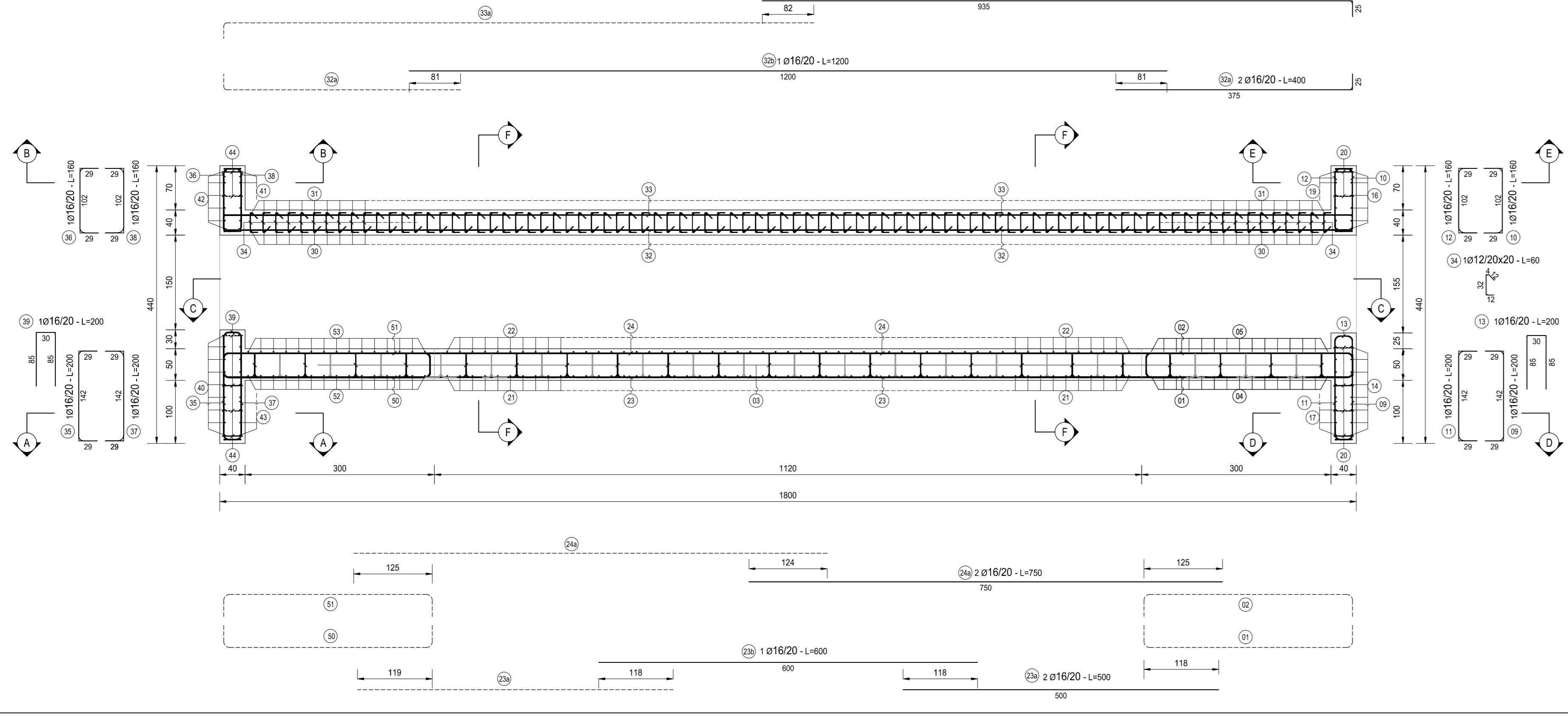
SEZIONE D-D
SCALA 1:50



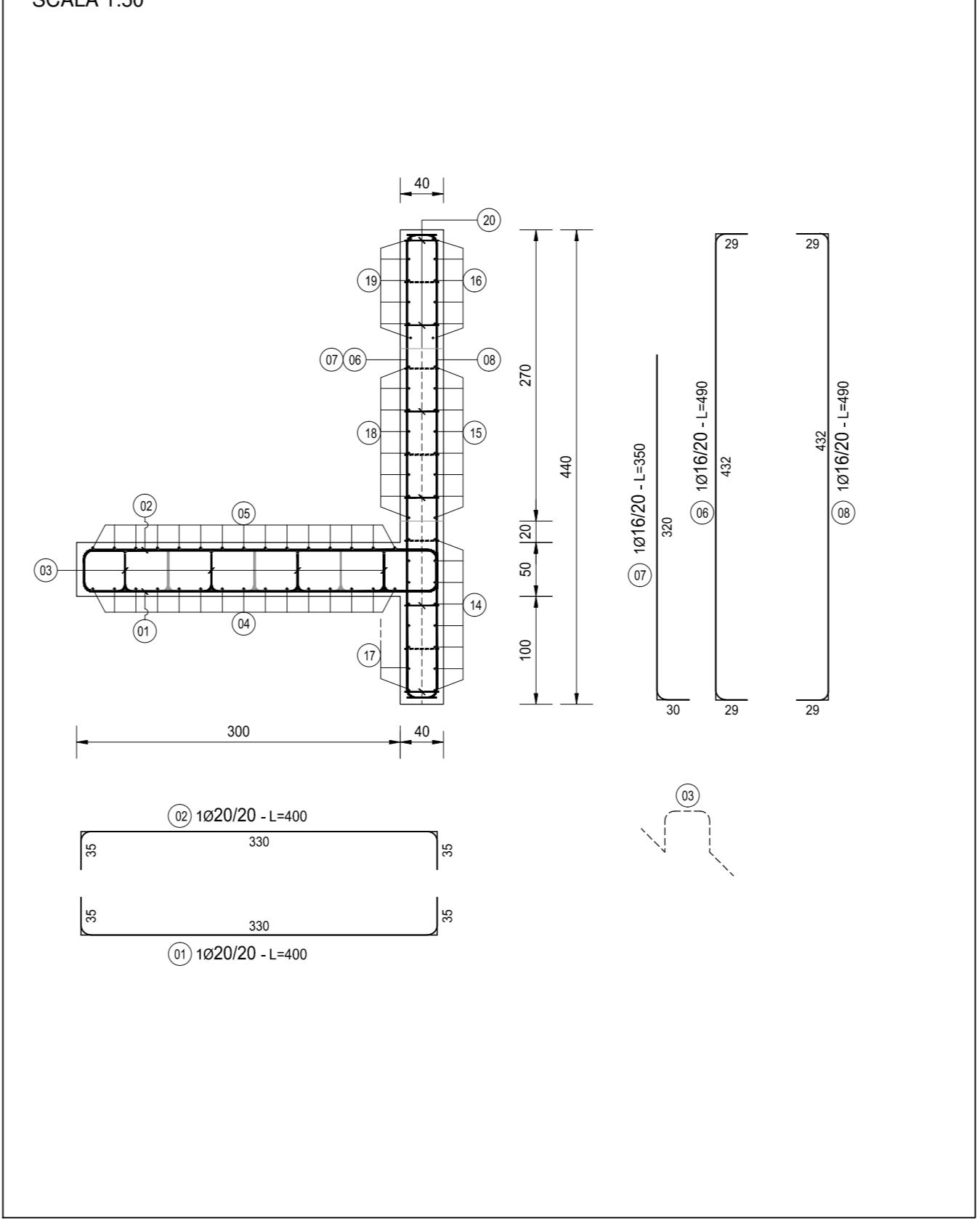
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SCALA 1:50



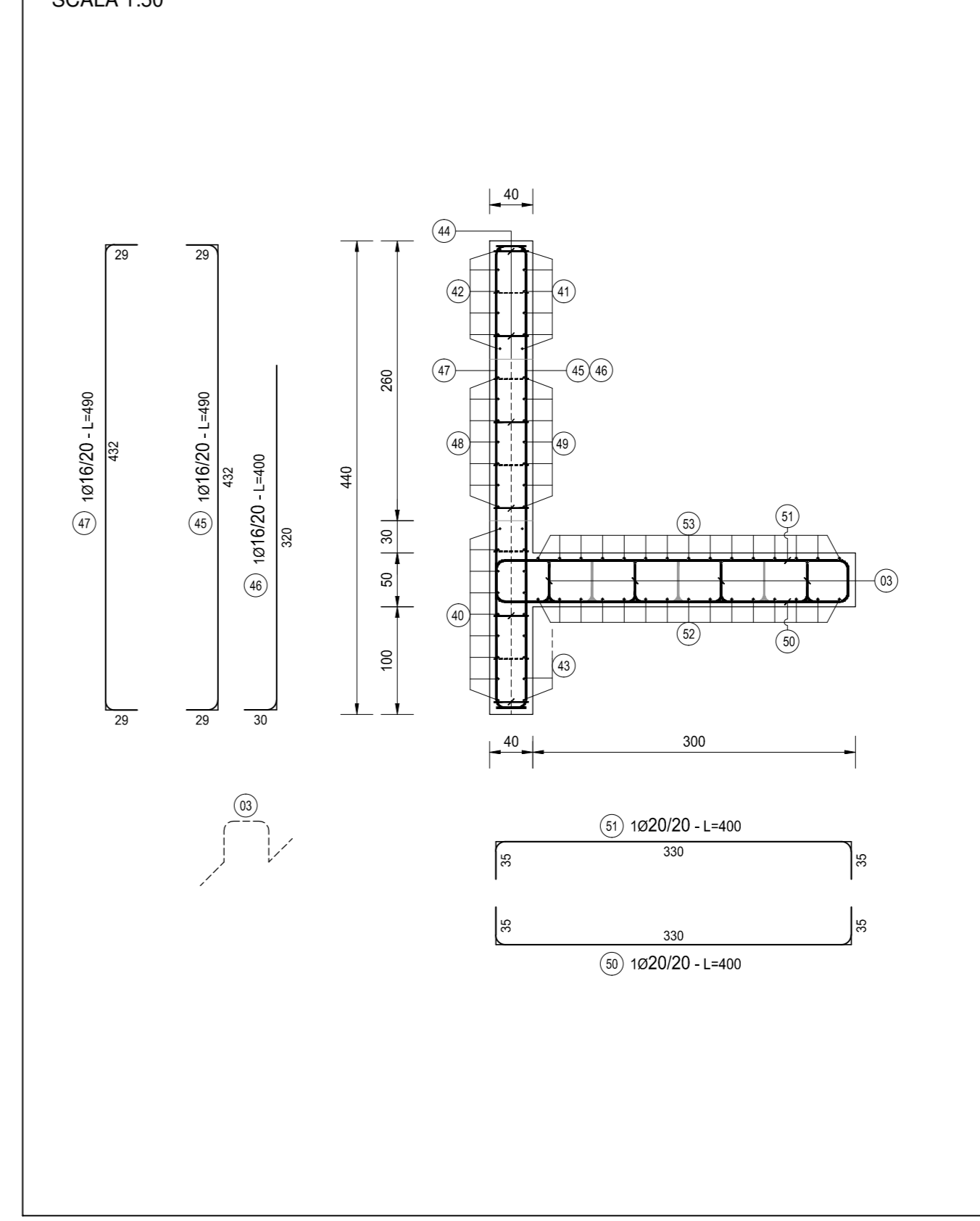
SEZIONE G-G
SCALA 1:50



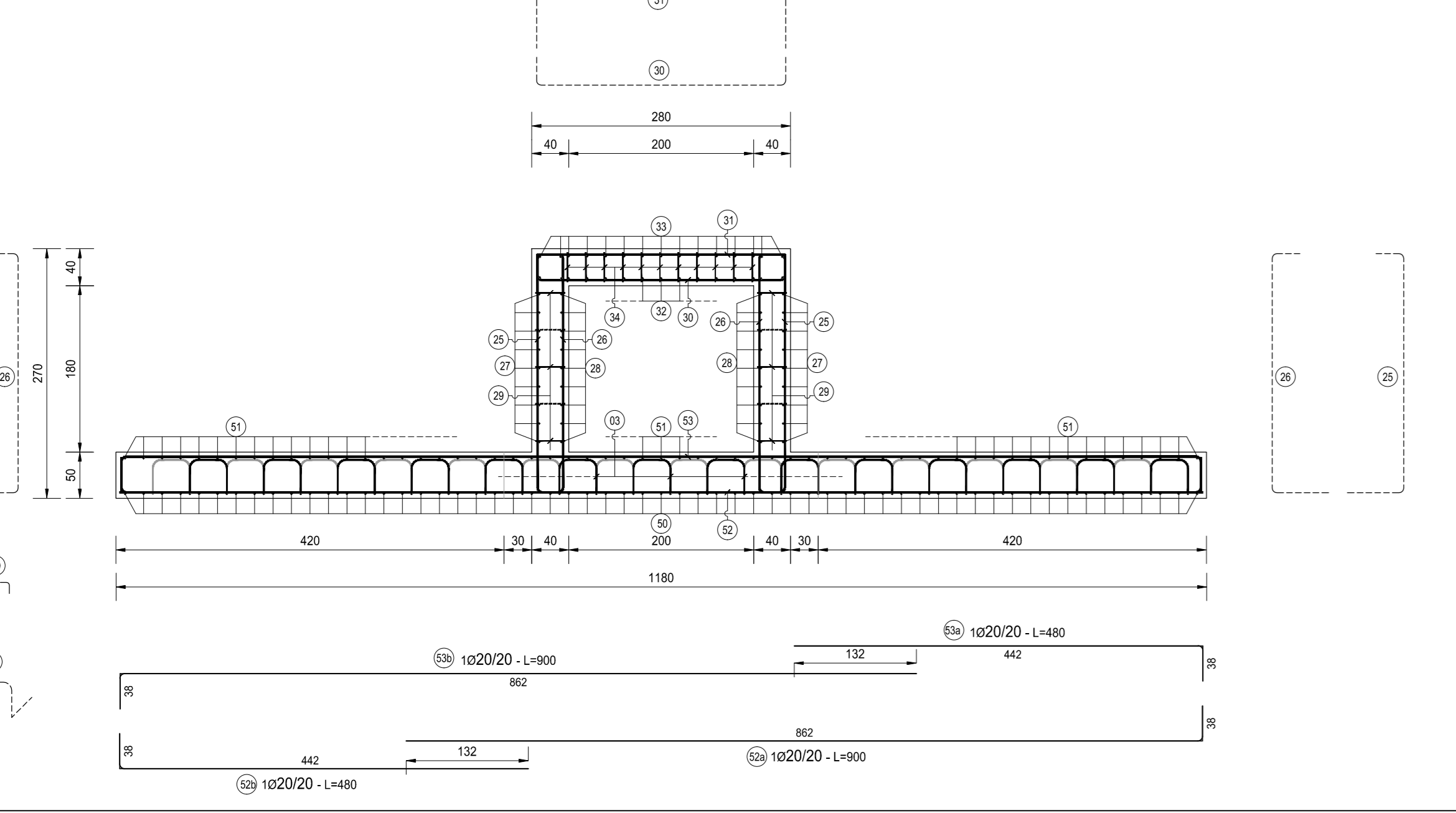
SEZIONE I-I
SCALA 1:50



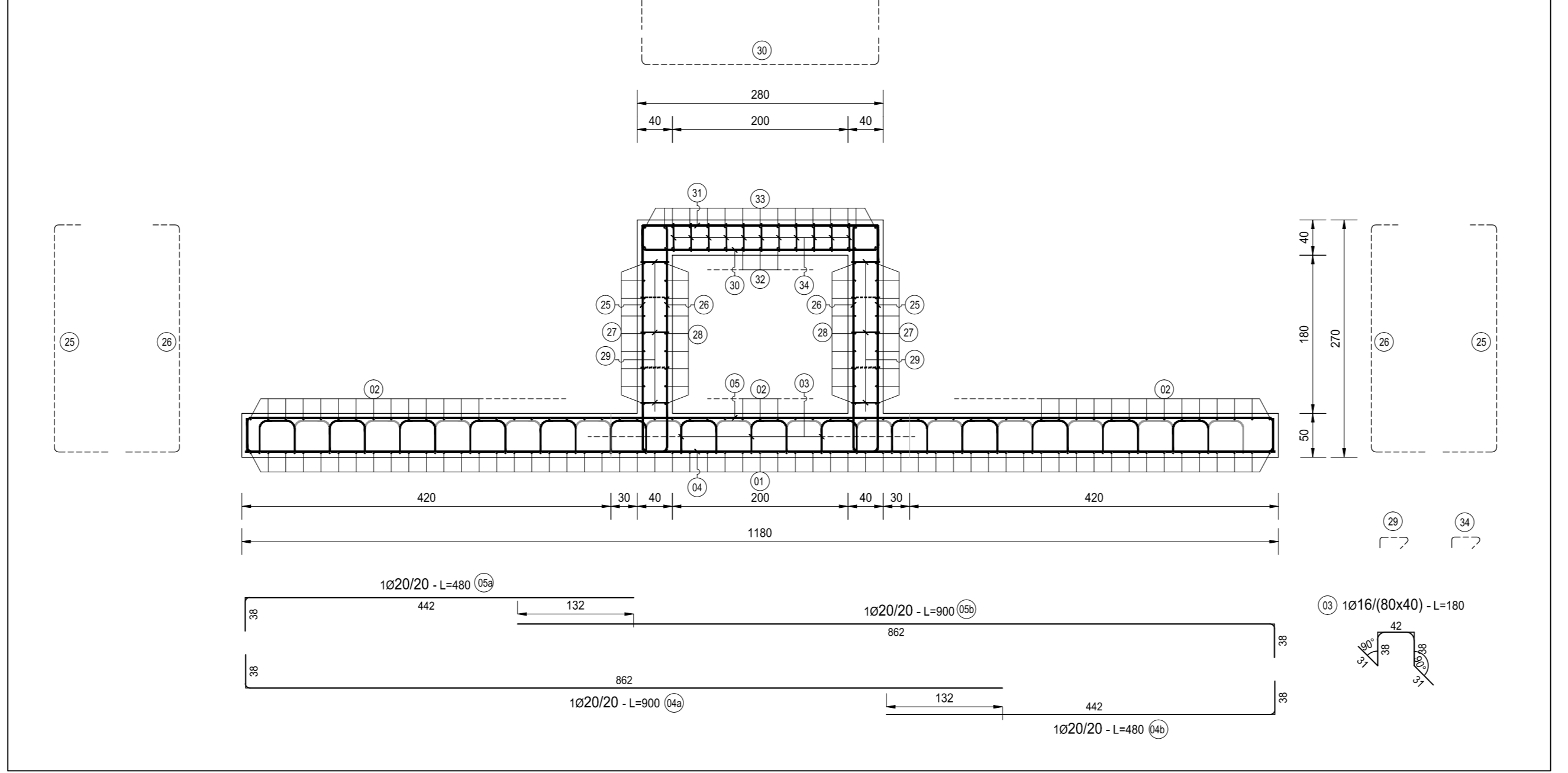
SEZIONE L-L
SCALA 1:50



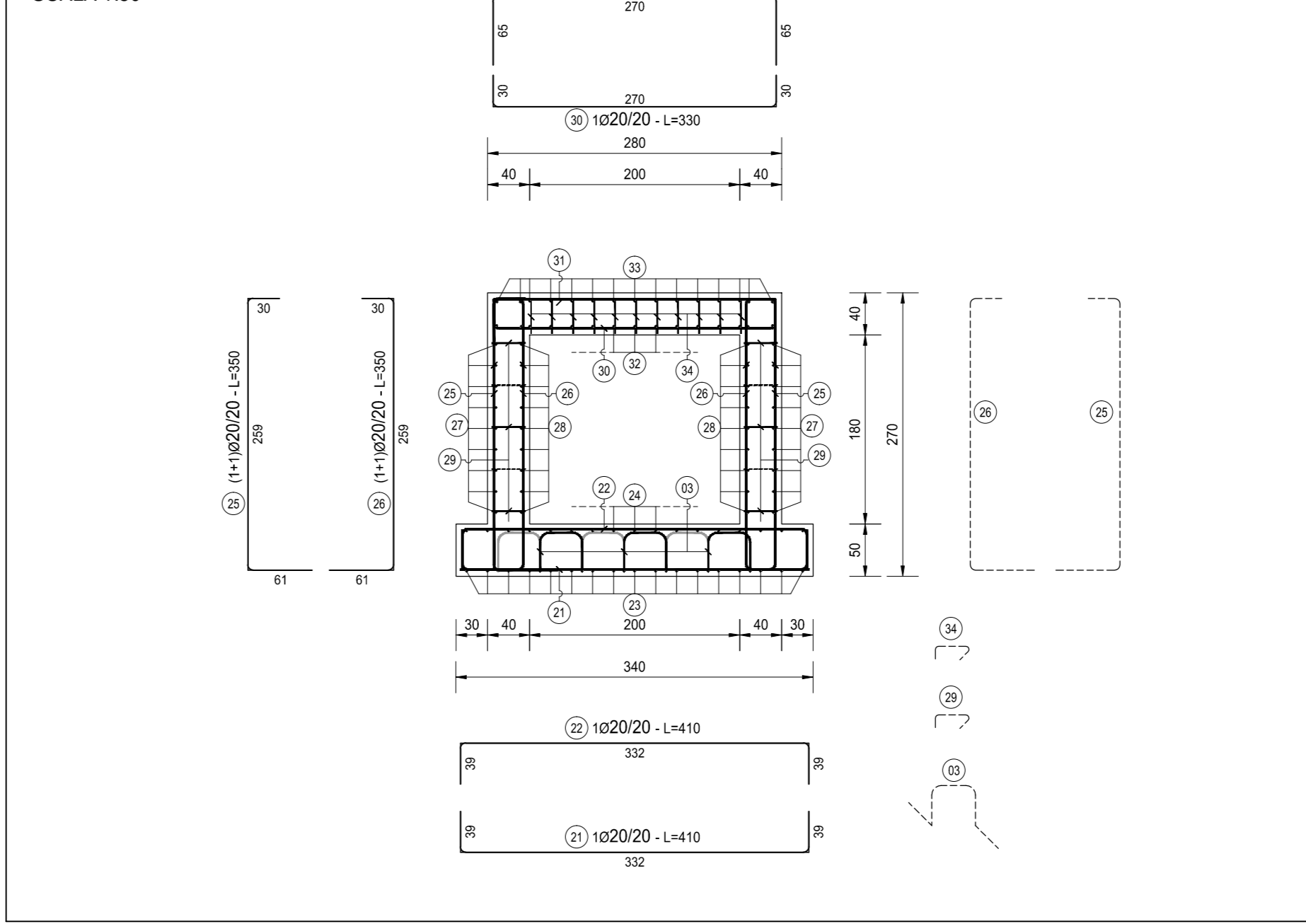
SEZIONE M-M
SCALA 1:50



SEZIONE H-H
SCALA 1:50

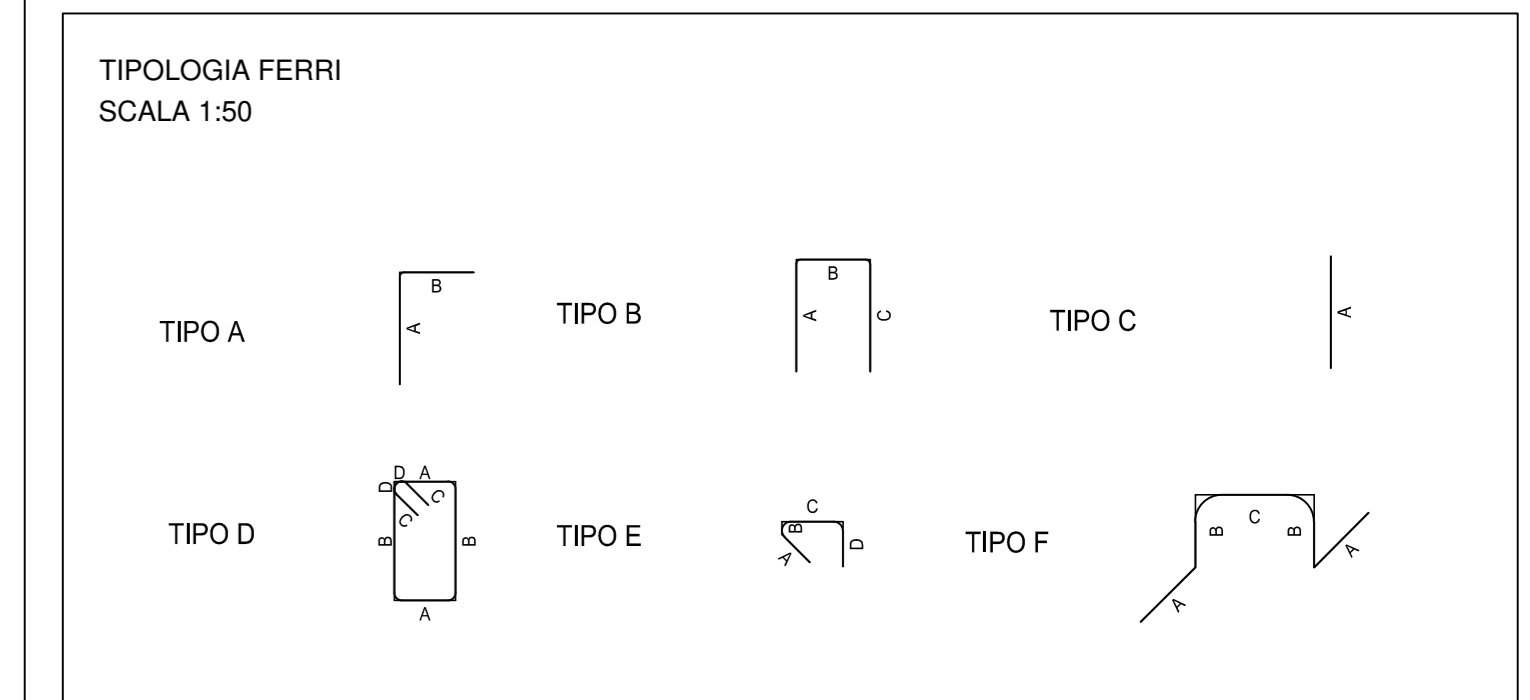


SEZIONE F-F
SCALA 1:50



| TIPO | POS | NOTA | Ø | L | Ø | Ø | Ø | Ø | Ø | N. Bar. | L-TOT | KG | |
|------|-----|------|-----|-------|----|------|-----|----|----|---------|-------|--------|---------|
| A | 4 | 1 | 20 | 20 | 20 | 862 | 38 | - | - | 15 | 13000 | 332.76 | |
| A | 4 | 1 | 20 | 20 | 20 | 442 | 38 | - | - | 15 | 480 | 177.47 | |
| A | 5 | 1 | 20 | 20 | 20 | 442 | 38 | - | - | 15 | 480 | 177.47 | |
| A | 6 | 1 | 20 | 20 | 20 | 862 | 38 | - | - | 15 | 13000 | 332.76 | |
| A | 7 | 1 | 16 | 20 | 20 | 320 | 30 | - | - | 8 | 480 | 160.96 | |
| A | 14 | 1 | 16 | 20 | 20 | 476 | 24 | - | - | 8 | 480 | 160.96 | |
| A | 14 | 1 | 16 | 20 | 20 | 776 | 24 | - | - | 8 | 480 | 160.96 | |
| A | 16 | 1 | 16 | 20 | 20 | 476 | 24 | - | - | 8 | 480 | 160.96 | |
| A | 17 | 1 | 16 | 20 | 20 | 776 | 24 | - | - | 8 | 480 | 160.96 | |
| A | 18 | 1 | 16 | 20 | 20 | 476 | 24 | - | - | 8 | 480 | 160.96 | |
| A | 19 | 1 | 16 | 20 | 20 | 776 | 24 | - | - | 8 | 480 | 160.96 | |
| A | 19 | 1 | 16 | 20 | 20 | 476 | 24 | - | - | 8 | 480 | 160.96 | |
| A | 19 | 2 | 16 | 20 | 20 | 320 | 30 | - | - | 8 | 480 | 160.96 | |
| A | 28 | 1 | 2+2 | 16 | 20 | 936 | 26 | - | - | 36 | 34560 | 545.20 | |
| A | 33 | 1 | 16 | 20 | 20 | 320 | 30 | - | - | 8 | 480 | 160.96 | |
| A | 33 | 2 | 16 | 20 | 20 | 936 | 26 | - | - | 36 | 28800 | 454.33 | |
| A | 40 | 1 | 16 | 20 | 20 | 24 | 276 | - | - | 9 | 4500 | 70.99 | |
| A | 40 | 2 | 16 | 20 | 20 | 24 | 776 | - | - | 9 | 7200 | 113.58 | |
| A | 41 | 1 | 16 | 20 | 20 | 24 | 776 | - | - | 9 | 4800 | 75.72 | |
| A | 41 | 2 | 16 | 20 | 20 | 24 | 476 | - | - | 6 | 3000 | 47.33 | |
| A | 42 | 1 | 16 | 20 | 20 | 476 | 24 | - | - | 6 | 3000 | 47.33 | |
| A | 42 | 2 | 16 | 20 | 20 | 776 | 24 | - | - | 6 | 4800 | 75.72 | |
| A | 43 | 1 | 16 | 20 | 20 | 476 | 24 | - | - | 6 | 4800 | 75.72 | |
| A | 43 | 2 | 16 | 20 | 20 | 320 | 30 | - | - | 9 | 4500 | 70.99 | |
| A | 46 | 1 | 16 | 20 | 20 | 320 | 30 | - | - | 8 | 480 | 160.96 | |
| A | 50 | 1 | 20 | 20 | 20 | 862 | 38 | - | - | 15 | 13000 | 332.76 | |
| A | 50 | 2 | 16 | 20 | 20 | 442 | 38 | - | - | 15 | 480 | 177.47 | |
| A | 53 | 1 | 20 | 20 | 20 | 442 | 38 | - | - | 15 | 7200 | 177.47 | |
| A | 53 | 2 | 16 | 20 | 20 | 862 | 38 | - | - | 15 | 13000 | 332.76 | |
| B | 1 | 1 | 20 | 20 | 20 | 35 | 330 | - | - | 59 | 23600 | 581.72 | |
| B | 1 | 1 | 16 | 20 | 20 | 29 | 432 | 29 | - | 48 | 23200 | 311.04 | |
| B | 8 | 1 | 16 | 20 | 20 | 29 | 432 | 29 | - | 50 | 24000 | 308.50 | |
| B | 9 | 1 | 16 | 20 | 20 | 29 | 142 | 29 | - | 10 | 2000 | 31.55 | |
| B | 10 | 1 | 16 | 20 | 20 | 29 | 102 | 29 | - | 10 | 1600 | 23.24 | |
| B | 11 | 1 | 16 | 20 | 20 | 29 | 142 | 29 | - | 10 | 2000 | 31.55 | |
| B | 12 | 1 | 16 | 20 | 20 | 29 | 102 | 29 | - | 10 | 1600 | 23.24 | |
| B | 13 | 1 | 16 | 20 | 20 | 29 | 82 | 29 | - | 10 | 2000 | 31.55 | |
| B | 15 | 1+1 | 16 | 20 | 20 | 24 | 482 | 24 | - | 53 | 14 | 7420 | 117.05 |
| B | 16 | 1+1 | 16 | 20 | 20 | 24 | 482 | 24 | - | 53 | 14 | 7420 | 117.05 |
| B | 21 | 1 | 20 | 20 | 20 | 39 | 332 | 39 | - | 41 | 55 | 22500 | 555.83 |
| B | 22 | 1 | 20 | 20 | 20 | 39 | 332 | 39 | - | 41 | 55 | 22500 | 555.83 |
| B | 25 | 1+1 | 20 | 20 | 20 | 61 | 259 | 30 | - | 33 | 172 | 6000 | 1483.87 |
| B | 28 | 1+1 | 20 | 20 | 20 | 61 | 259 | 30 | - | 33 | 172 | 6000 | 1483.87 |
| B | 30 | 1 | 16 | 20 | 20 | 29 | 270 | 30 | - | 33 | 86 | 28800 | 690.54 |
| B | 31 | 1 | 20 | 20 | 20 | 65 | 270 | 65 | - | 40 | 86 | 34400 | 847.93 |
| B | 35 | 1 | 16 | 20 | 20 | 29 | 142 | 29 | - | 10 | 2000 | 31.55 | |
| B | 36 | 1 | 16 | 20 | 20 | 29 | 102 | 29 | - | 10 | 1600 | 23.24 | |
| B | 37 | 1 | 16 | 20 | 20 | 29 | 142 | 29 | - | 10 | 2000 | 31.55 | |
| B | 38 | 1 | 16 | 20 | 20 | 29 | 102 | 29 | - | 10 | 1600 | 23.24 | |
| B | 39 | 1 | 16 | 20 | 20 | 60 | 30 | 60 | - | 21 | 10 | 2100 | 33.13 |
| B | 45 | 1 | 16 | 20 | 20 | 29 | 432 | 29 | - | 48 | 23200 | 311.04 | |
| B | 47 | 1 | 16 | 20 | 20 | 29 | 432 | 29 | - | 50 | 24000 | 308.50 | |
| B | 48 | 1+1 | 16 | 20 | 20 | 24 | 482 | 24 | - | 53 | 16 | 8480 | 133.78 |
| B | 48 | 2+2 | 16 | 20 | 20 | 24 | 482 | 24 | - | 53 | 16 | 8480 | 133.78 |
| B | 50 | 1+1 | 20 | 20 | 20 | 34 | 330 | 35 | - | 53 | 59 | 23600 | 581.72 |
| B | 51 | 1 | 20 | 20 | 20 | 34 | 330 | 35 | - | 53 | 59 | 23600 | 581.72 |
| C | 37 | 1 | 16 | 20 | 20 | 1000 | - | - | - | 15 | 18000 | 283.16 | |
| C | 23 | 1 | 2 | 16 | 20 | 500 | - | - | - | 34 | 17000 | 268.18 | |
| C | 23 | 2 | 16 | 20 | 20 | 800 | - | - | - | 17 | 10000 | 160.91 | |
| C | 24 | 1 | 16 | 20 | 20 | 750 | - | - | - | 34 | 25000 | 403.27 | |
| C | 27 | 1+1 | 16 | 20 | 20 | 1200 | - | - | - | 24 | 28800 | 454.33 | |
| E | 20 | 1 | 14 | 40x40 | 12 | 4 | 32 | 12 | 4 | 32 | 282 | 18000 | 229.36 |
| E | 29 | 1 | 12 | 40x40 | 12 | 4 | 32 | 12 | 4 | 32 | 60 | 28800 | 228.54 |
| E | 34 | 1 | 12 | 20x20 | 12 | 4 | 32 | 12 | 60 | 846 | 86780 | 503.67 | |
| E | 44 | 1 | 14 | 40x40 | 12 | 4 | 32 | 12 | 60 | 282 | 18000 | 228.54 | |
| F | 3 | 1 | 16 | 80x40 | 31 | 38 | 42 | - | - | 180 | 280 | 50400 | 795.08 |

| TABELLA REPLICATIVA ELEMENTI | TABELLA REPLICATIVA DIAMETRI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------------|----------|----|------------|-------|---------|------------|--------|----------|----------|--|----------|---|---|-------|----|----|-------|--------|----|-------|--------|----|--------|---------|----|--------|---------|----------|--|----------|
| <table border="1"> <thead> <tr> <th>ELEMENTO</th> <th>L-TOT</th> <th>KG</th> </tr> </thead> <tbody> <tr> <td>FONDAZIONE</td> <td>38170</td> <td>7994.07</td> </tr> <tr> <td>ELEVAZIONE</td> <td>635180</td> <td>10950.74</td> </tr> <tr> <td>TOT (KG)</td> <td></td> <td>18944.81</td> </tr> </tbody> </table> | ELEMENTO | L-TOT | KG | FONDAZIONE | 38170 | 7994.07 | ELEVAZIONE | 635180 | 10950.74 | TOT (KG) | | 18944.81 | <table border="1"> <thead> <tr> <th>Ø</th> <th>L-TOT</th> <th>KG</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>42560</td> <td>732.61</td> </tr> <tr> <td>14</td> <td>33840</td> <td>408.72</td> </tr> <tr> <td>16</td> <td>495000</td> <td>7808.80</td> </tr> <tr> <td>20</td> <td>425480</td> <td>1920.68</td> </tr> <tr> <td>TOT (KG)</td> <td></td> <td>18944.81</td> </tr> </tbody> </table> | Ø | L-TOT | KG | 12 | 42560 | 732.61 | 14 | 33840 | 408.72 | 16 | 495000 | 7808.80 | 20 | 425480 | 1920.68 | TOT (KG) | | 18944.81 |
| ELEMENTO | L-TOT | KG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FONDAZIONE | 38170 | 7994.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ELEVAZIONE | 635180 | 10950.74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOT (KG) | | 18944.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ø | L-TOT | KG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 42560 | 732.61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 33840 | 408.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 495000 | 7808.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 425480 | 1920.68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOT (KG) | | 18944.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



NOTA BENE:
PER LA TABELLA MATERIALI SI RINVIA ALL'ALLEGATO LA17-T00TM00STR01

ANAS S.p.A.
Direzione Progettazione e Realizzazione Lavori

S.S. N. 9 "VIA EMILIA"
PASSAGGIO A LIVELLO SULLA S.P. EX S.S. N.234
PROGETTO ESECUTIVO

| | | | | | | | | | | | | | | | | | | |
|--|--|---|--|---|--|---|--|--|--|--|--|--|--|---|--|--|--|--|
| STUDIO CORONA ING. RENATO DEL PRETE DOTT. GEOL. DANIELE GALLO | SETAC ING. VALERIO BAUCCI PROF. ING. LUIGI MARINONI | EC ING. GIUSEPPE CRISÀ ING. GIUSEPPE CRISÀ | UNING PROF. ING. MATTEO PARONI ING. GIANFRANCO SODDIO | GA&M ING. GIANFRANCO SODDIO ING. GIANFRANCO SODDIO | ECOPLAN ING. GIANFRANCO SODDIO ING. GIANFRANCO SODDIO | ARKE ING. GIANFRANCO SODDIO ING. GIANFRANCO SODDIO | PROGETTISTA ING. VALERIO BAUCCI ING. FABRIZIO RANIERI | PROGETTAZIONE STRUTTURALE ING. FABRIZIO RANIERI ING. FABRIZIO RANIERI | PROGETTAZIONE OPERE D'ARTE MINORI ING. FABRIZIO RANIERI ING. FABRIZIO RANIERI | COMPUTI ING. VALERIO BAUCCI ING. VALERIO BAUCCI | CANTIERISTICA ING. VALERIO BAUCCI ING. VALERIO BAUCCI | PROGETTAZIONE GEOTECCNICA ING. DANIELE GALLO ING. DANIELE GALLO | PROGETTAZIONE GEOLOGICA ING. DANIELE GALLO ING. DANIELE GALLO | PROGETTAZIONE AMBIENTE ING. DANIELE GALLO ING. DANIELE GALLO | PROGETTAZIONE SICUREZZA ING. DANIELE GALLO ING. DANIELE GALLO | PROGETTAZIONE VISTO E RESPONSABILE DEL PROCEDIMENTO ING. DANIELE GALLO ING. DANIELE GALLO | PROGETTAZIONE VISTO E RESPONSABILE DELLA INTEGRAZIONE DELLE PREVISIONI SPECIALISTICHE ING. DANIELE GALLO ING. DANIELE GALLO | PROGETTAZIONE VISTO E RESPONSABILE DELLA COORDINAZIONE DELLA SICUREZZA IN FASE DI PROGETTAZIONE ING. DANIELE GALLO ING. DANIELE GALLO |
|--|--|---|--|---|--|---|--|--|--|--|--|--|--|---|--|--|--|--|

L453
L - PROGETTO STRUTTURALE
TOMBINARE IDRAULICHE
TM72 - TOMBINARE 200 X 180 - ASSI93-94
ARMATURA TAVOLA 01 DI 01

| | | | | |
|-------------------------------------|------------------|--|----------------|---------------|
| CODICE PROGETTO PROGETTO COMI | N. PROG. 1701 | NOME FILE L453-V01TM72STRAR01_B.dwg | REVISIONE B | SCALA 1:50 |
|-------------------------------------|------------------|--|----------------|---------------|

| | | | | |
|---|------------------|---------------------|----------------------------|---------------------|
| D EMISSIONE A SEGUITO PARERE REGIONE LOMBARDA E CONSORZIO BONIFICA MUZZA | GILIO 2018 | ING. GIUSEPPE CRISÀ | PROF. ING. LUIGI MONTERISI | ING. VALERIO BAUCCI |
| C EMISSIONE | DICEMBRE 2017 | ING. GIUSEPPE CRISÀ | PROF. ING. LUIGI MONTERISI | ING. VALERIO BAUCCI |
| A DESCRIZIONE | DATA | REDATTO | VERIFICATO | APPROVATO |