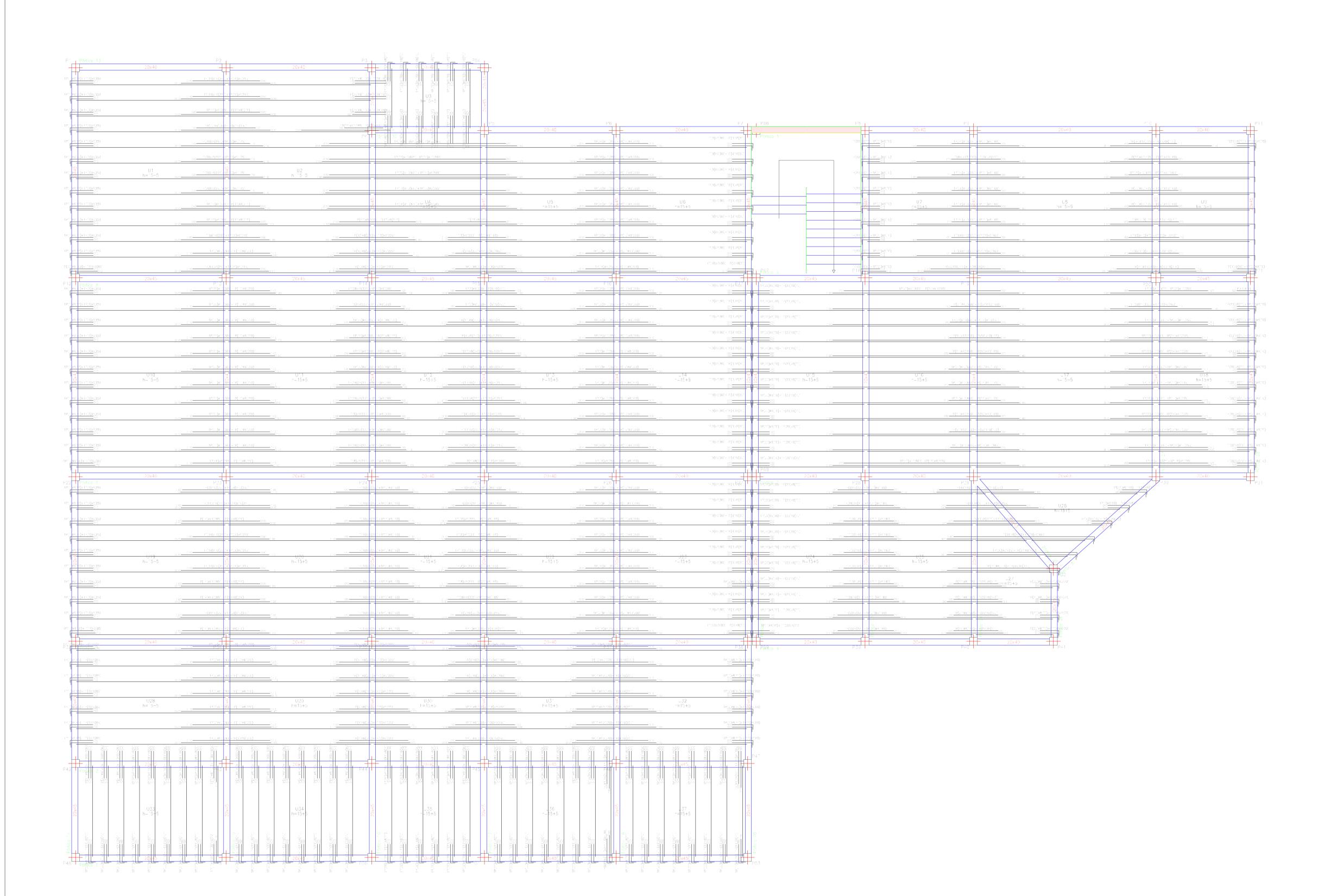


Primer piso Replanteo Termigén: 1—25 , Control Normal AH—500 , Control Normal Escala: 1:50



| Elemento  | Pos.                             | Diám.             | No.      | Long.<br>(cm)     | Total<br>(cm)                      | AL -500<br>(kg)  |
|-----------|----------------------------------|-------------------|----------|-------------------|------------------------------------|--|
| Replanted |                                  | 96                | 83<br>9  | 85                | 7000<br>2610                       | 27.8<br>18.1   |
|           | 7                                | 910<br>910        | - 9      | 290<br>250<br>240 | 2280                               |  |
|           | - Z<br>- D                       | 98<br>98          | 7<br>32  | 220               | 1980<br>7970                       | 0.0<br>27.8<br>17.9<br>8.3<br>10.0                     |
|           | 5<br>8<br>7                      | 98<br>010         | 23<br>5  | 190<br>270        | 4370                               |  |
|           | 8                                | 26<br>26          | 1.1      | _30<br>80         | 1350<br>2530                       |  |
|           | 10                               | 98                | 76<br>71 | 250<br>235        | 6080<br>7750                       | 30.€   |
|           | - 1                              | 98<br>910         | 9        | 235<br>275        | 2115<br>270                        |  |
|           | 13                               | ಶನ<br>010         | 11       | 90                | 8.5<br>31.35                       |  |
|           | 16                               | 98<br>95          | 3<br>2   | 270<br>95         | 877                                | 2.5<br>10.7<br>3.2<br>0.7<br>2.8<br>7.0                |
|           | , -                              | 98<br>98          |          | 245<br>255        | 750<br>735<br>1795                 | 2.8<br>7.0   |
|           | 12                               | 98                | 36       | 200               | 7200                               | 28.4   |
|           | 20<br>21<br>22<br>23             | 76<br>28          | 179      | 70<br>180         | 1795<br>7200<br>12530<br>1260      | 7 8.4<br>0.0   |
|           | 22<br>22                         | 98<br>98          | 9 4      | 185<br>145        |                                    | 5.0<br>5.5<br>5.2<br>6.9<br>5.2                        |
|           | 27                               | 910<br>98         | 4.8      | 280<br>165        | 1120                               |  |
|           | 27<br>25<br>28                   | 0.10              | 28       | 255               | 580<br>1120<br>1320<br>7140        |  |
|           | 27<br>26                         | ი10<br>აგ         | 3        | 200<br>725        | 1075<br>4515                       | 44.0<br>3.7<br>8.2<br>17.8                             |
|           | 26<br>29<br>30<br>31<br>32<br>33 | 98<br>98          | 21<br>5  | 225<br>215<br>210 | 1050                               | 4.1  |
|           | 31<br>32                         | 75<br>28          | 1.4      | 160               | 2240<br>875<br>1230                | 8.8<br>3.5<br>7.9                                      |
|           | 33<br>34                         | 98<br>98          | 6        | 205<br>370        | 371                                | 7.9<br>1.5   |
|           | - 42                             | 26                | - 1      | 235<br>725        | 6.75                               |  |
|           | 36<br>37                         | 98<br>98          | 1 1      | 7.05              | 425<br>425                         | 1,F  |
|           | 38<br>39<br>70                   | 98<br>මට          | 1        | 485<br>760        | 488<br>460                         |  |
|           | 7.0<br>4.1                       | 98<br>98          | 1        | .105<br>260       | .40h                               |  |
|           | 42<br>73                         | 8%<br>26          | 2        | 75<br>300         | 180                                | 0.€<br>1.2   |
|           | 17                               | 610               | 5        | 315               | 300<br>97n                         | 5.8  |
|           | 45<br>40                         | නයි.<br>වර්       | 1 1      | 100<br>195        | 285                                |  |
|           | 78                               | 910<br>98         | 2<br>1   | 600<br>505        | 295<br>1200<br>505                 | 7.4<br>2.0   |
|           | 49<br>50<br>07                   | 010<br>910        | 10       | 325<br>300        | 325                                |  |
|           | 57<br>52                         | 012<br>010<br>010 | 10       | 600<br>165        | 6000                               | 7.4<br>7.0<br>2.0<br>16.5<br>03.3<br>7.1               |
|           | 5.3                              | 010               | 2        | 310               | 801                                | 3.8  |
|           | 54<br>85<br>88                   | 01J<br>01J        | 4        | _355<br>305       | 945<br>9135<br>510<br>1120<br>1300 | 3.8<br>1.8<br>13.2<br>3.1                              |
|           | 87                               | 010<br>010<br>010 | 3<br>7   | 170<br>160        | 1120                               | 7.1<br>8.8   |
|           |                                  | 012<br>013<br>013 | 4        | 325<br>505        | 1000                               | 8.9<br>11.8<br>3.1                                     |
|           | 80<br>81                         | 010<br>010        | 1        | 475<br>75         | 47=<br>7=                          | 2.0  |
|           | 62<br>8.5                        | 95<br>98          | 2 2      | 100<br>280        | 475<br>75<br>200<br>580            | 8.8<br>11.8<br>3.1<br>2.9<br>1.8<br>0.8<br>2.2<br>17.6 |
|           | 84                               | 012               | 6        | 330               | 1000                               | 17.6   |
|           | 05<br>86<br>87                   | 912<br>98         | 7<br>3   | 475<br>285<br>500 | 3328<br>800<br>800                 | 29.5<br>3.4<br>2.4<br>3.7                              |
|           | 87<br>88                         | 98<br>010         | 1 1      | 505               | 800<br>805                         | 2.4<br>3.7   |
|           | 08                               | 26<br>26          | 3<br>4   | 5.65              | 1585                               | 0.7<br>7.9<br>3.8                                      |
|           | 77                               | 010<br>010        | - 1      | 265<br>815<br>820 | 1060<br>815                        | 3.8  |
|           | 72                               | 010               | 1 2      | c25               | 820<br>1200<br>113                 | 3.8<br>7.7   |
|           | 75                               | 91.)<br>98.       | 2<br>1   | 565<br>155        | 188                                | 7.C<br>T.F   |
|           | 78                               | 012<br>010        | 1        | 285<br>125        | 285<br>125                         | 7.7<br>7.0<br>1.8<br>2.8<br>0.8<br>1.4                 |
|           | , g<br>70                        | 98<br>98          | 1 6      | 110               | .7%<br>800                         | 0.4<br>2.4   |
|           | 80                               | 98                | 85       | 90                | 7381                               |  |
|           | 51<br>82                         | 95<br>98          | 2<br>2   | 120               | 270<br>210                         | 8.0<br>8.0   |
|           |                                  |                   |          | Tot               |                                    | 700.2<br>421.8   |
|           |                                  |                   |          |                   | คd:<br>a10:<br>a12:<br>Tatel:      | 242.9<br>125.8   |

| Resumen A<br>Primor pi<br>Replante | iso | Long. total<br>(m) | Peso I 10%<br>(kg) | ( |
|------------------------------------|-----|--------------------|--------------------|---|
| I-5000N                            | ø8  | 971.4              | 422                |   |
|                                    | Ø10 | 358.3              | 243                |   |
|                                    | Ø12 | 128.9              | 126                | 7 |

Table de paracterísticas de forjeces de viguetas FORJADO DE VIOJE AS DE HORMICON Conto de bevedilla: 15 am I spesa nana compresión: 5 am Royed Italia Da pollestirano Ancho del nervici 10 am Valuman do normigón: 0.008 m3/m2



CIV502

UNIVERSIDAD AUTÓNOMA JUAN MISAEL SARACHO FACULTAD DE CIENCIAS Y TECNOLOGÍA CARRERA DE INGENIERÍA CIVIL

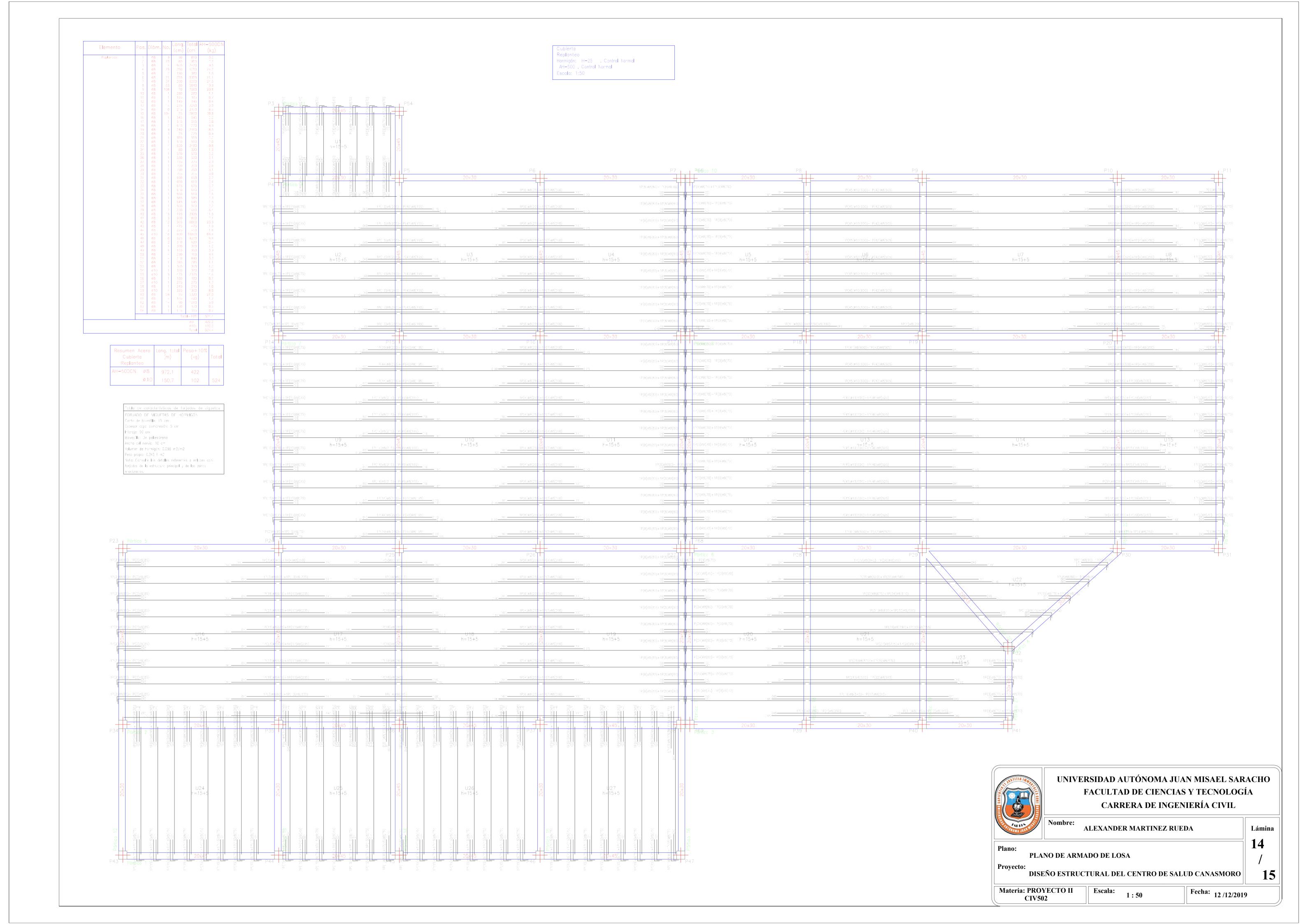
Nombre: ALEXANDER MARTINEZ RUEDA

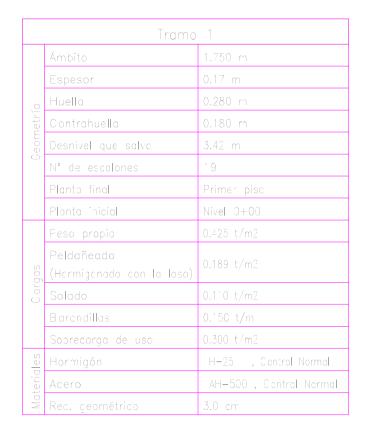
PLANO DE ARMADO DE LOSA DISEÑO ESTRUCTURAL DEL CENTRO DE SALUD CANASMORO Materia: PROYECTO II Escala: 1:50

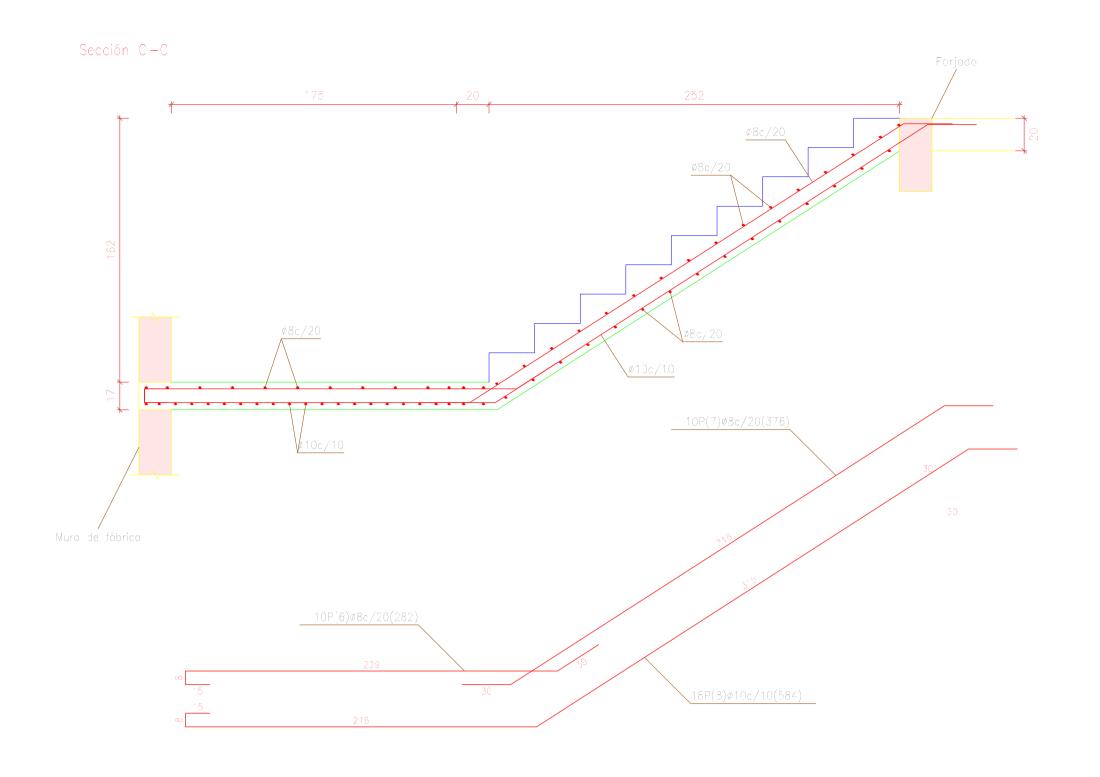
Fecha: 12/12/2019

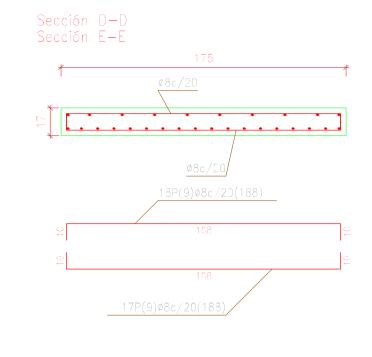
Lámina

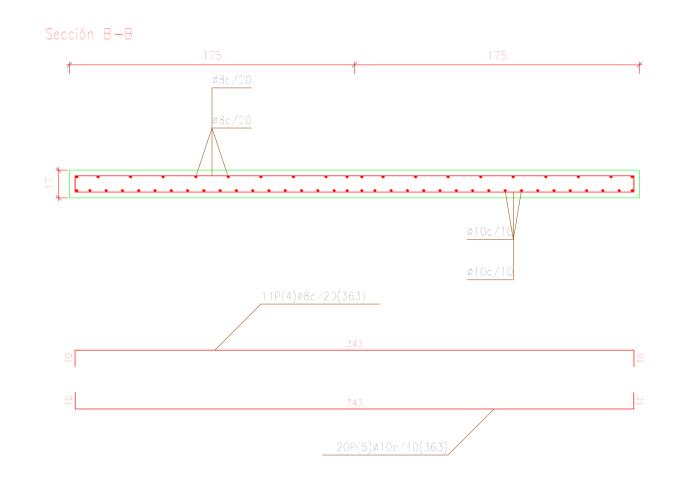
**13** 

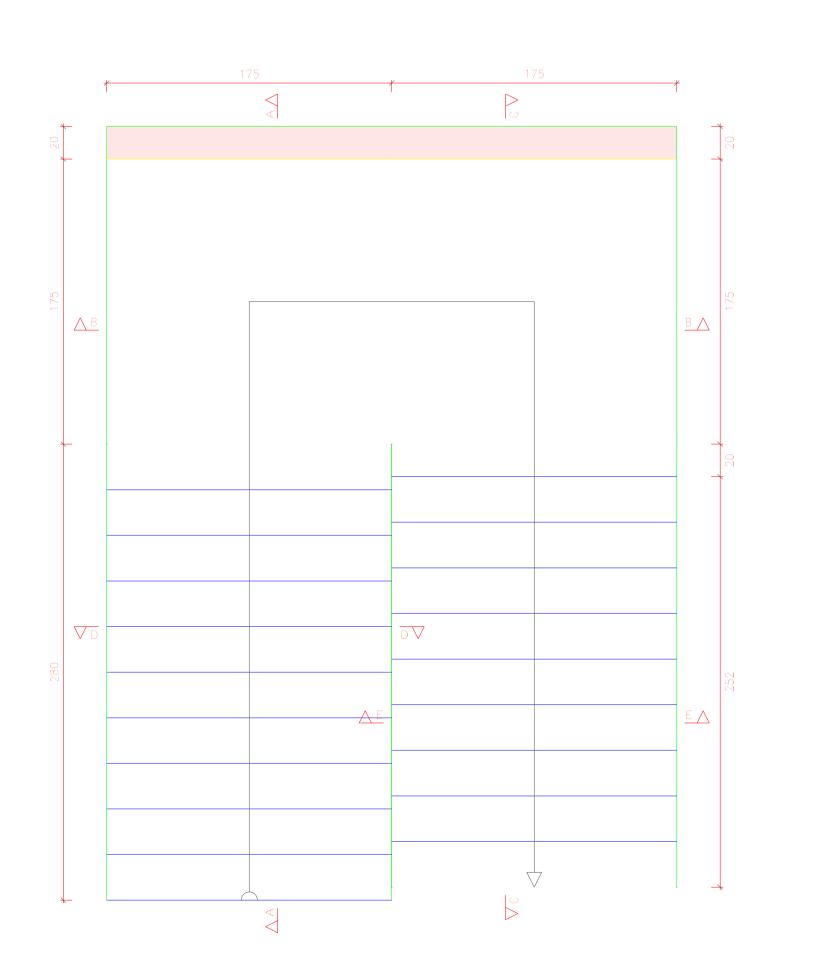


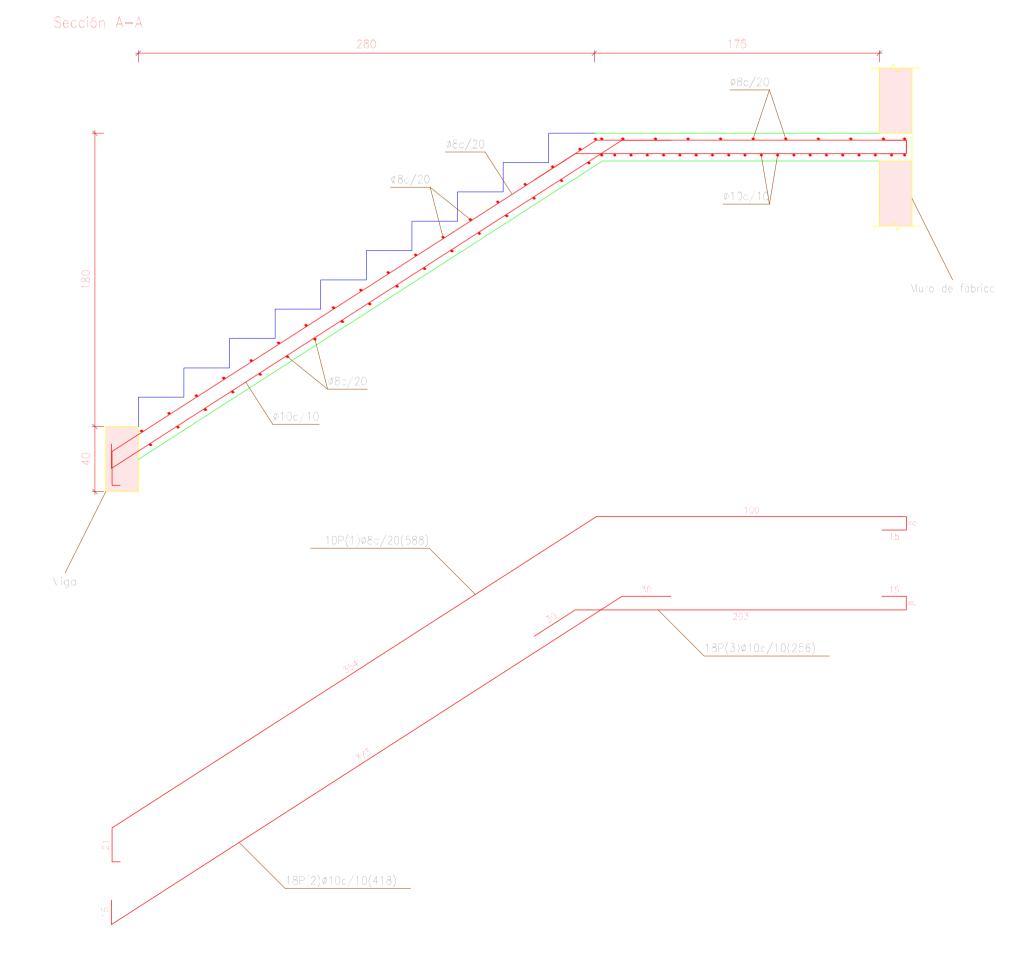












| Elemento           | Pos. | Diám. | No.   | Long.<br>(cm) | Total<br>(cm) | AH-500CN<br>(kg) |
|--------------------|------|-------|-------|---------------|---------------|------------------|
| Fscolero 1-Tramo 1 | *    | Ø8    | 10    | 588           | 5880          | 23.2             |
|                    | 2    | Ø10   | 18    | 718           | 7524          | 46.4             |
|                    | 3    | ø10   | 18    | 256           | 4608          | 28.4             |
|                    | - 4  | Ø8    | 11    | 363           | 3993          | 15.8             |
|                    | 5    | ø10   | 20    | 363           | 7260          | 44.8             |
|                    | 6    | Ø8    | 10    | 282           | 2820          | 11.1             |
|                    | /    | ø8    | 10    | 3/6           | 3760          | 14.5             |
|                    | 8    | ø10   | 18    | 584           | 10512         | 64.9             |
|                    | 9    | ø8    | 70    |               | 13160         | 51.9             |
|                    |      | 331.3 |       |               |               |                  |
| Ø8:<br>Ø10:        |      |       | ø8:   | 128.5         |               |                  |
|                    |      |       | 202.8 |               |               |                  |
|                    |      |       |       |               | Total:        | 331.3            |

| Resumen A<br>Escalera | vcero | Long. total<br>(m) | Peso+10%<br>(kg) | Total |
|-----------------------|-------|--------------------|------------------|-------|
| AH-500CN              | Ø8    | 296.1              | 129              |       |
|                       | Ø10   | 299.0              | 203              | 332   |

UNIVERSIDAD AUTÓNOMA JUAN MISAEL SARACHO FACULTAD DE CIENCIAS Y TECNOLOGÍA CARRERA DE INGENIERÍA CIVIL

| ALIUN SINTE      | Nombre: ALEXANDER MARTINEZ RUEDA              | Lámina |
|------------------|---|--------|
| Plano:<br>PL     | ANO DE ESCALERA                               | 15     |
| Proyecto:<br>DIS | EÑO ESTRUCTURAL DEL CENTRO DE SALUD CANASMORO | 15     |
| ·                |   |        |

Materia: PROYECTO II Escala: 1:25