

Projekt: 17-861 Kulturhaus

/ 3.18

**Projektdaten**

Bezeichnung : Kulturhaus  
 : Fiss  
 Planinhalt : Rampe 2.UG  
 Plan Nr. : 3.18  
 Datum : 09.08.2017

**Die Gesamtlängen der Auszüge beziehen sich auf Außenmaße**

**S T A H L L I S T E Betonstahl: B550B**

| Pos.               | Stk. | d  | Länge | D8       | D10       | D12       | D16       |
|--------------------|------|----|-------|----------|-----------|-----------|-----------|
| 1                  | 10   | 8  | 7.00  | 70.00    |           |           |           |
| 2                  | 34   | 16 | 0.65  |          |           |           | 22.10     |
| 3                  | 51   | 10 | 1.17  |          | 59.67     |           |           |
| 4                  | 51   | 12 | 1.40  |          |           | 71.40     |           |
| 5                  | 80   | 12 | 2.90  |          |           | 232.00    |           |
| 6                  | 116  | 8  | 1.50  | 174.00   |           |           |           |
| 7                  | 58   | 12 | 1.60  |          |           | 92.80     |           |
| -----              |      |    |       |          |           |           |           |
| Gesamtlängen       |      |    |       | 244.00   | 59.67     | 396.20    | 22.10     |
| kg / m             |      |    |       | D8 0.395 | D10 0.617 | D12 0.888 | D16 1.580 |
| kg / d             |      |    |       | 96.380   | 36.816    | 351.826   | 34.918    |
| -----              |      |    |       |          |           |           |           |
| Gesamtgewicht (kg) |      |    |       | 519.940  |           |           |           |
| -----              |      |    |       |          |           |           |           |

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**M A T T E N L I S T E Betonstahl: B550A**

| Pos. | Stk. | Typ   | Länge | Breite | CQS90  |
|------|------|-------|-------|--------|--------|
| 1    | 16   | CQS90 | 6.00  | 2.40   | 230.40 |
| 2    | 2    | CQS90 | 6.00  | 0.84   | 10.08  |
| 3    | 2    | CQS90 | 6.00  | 1.20   | 14.40  |
| 4    | 4    | CQS90 | 6.00  | 2.04   | 48.96  |
| 5    | 2    | CQS90 | 3.16  | 1.20   | 7.58   |
| 6    | 4    | CQS90 | 5.03  | 2.40   | 48.29  |
| 7    | 2    | CQS90 | 2.68  | 1.83   | 9.81   |

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 Gesamtflächen 369.52  
 kg / m2 6.54  
 kg / Mattentyp 2416.666  
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Gesamtgewicht (kg) 2416.666  
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**A B S T A N D H A L T E R**

| Pos. | Stk. | Typ  | kg/Stk. | Gew. (kg) |
|------|------|------|---------|-----------|
| 1    | 145  | DS19 | 1.080   | 156.600   |
|      |      |      | Summe   | 156.600   |

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### E I N B A U T E I L E

| Position | Menge | Einheit | Bezeichnung | Werkstoff | Bestellnummer |
|----------|-------|---------|-------------|-----------|---------------|
| 12       | 16    | Stück   | AVI DE 160  |           |               |

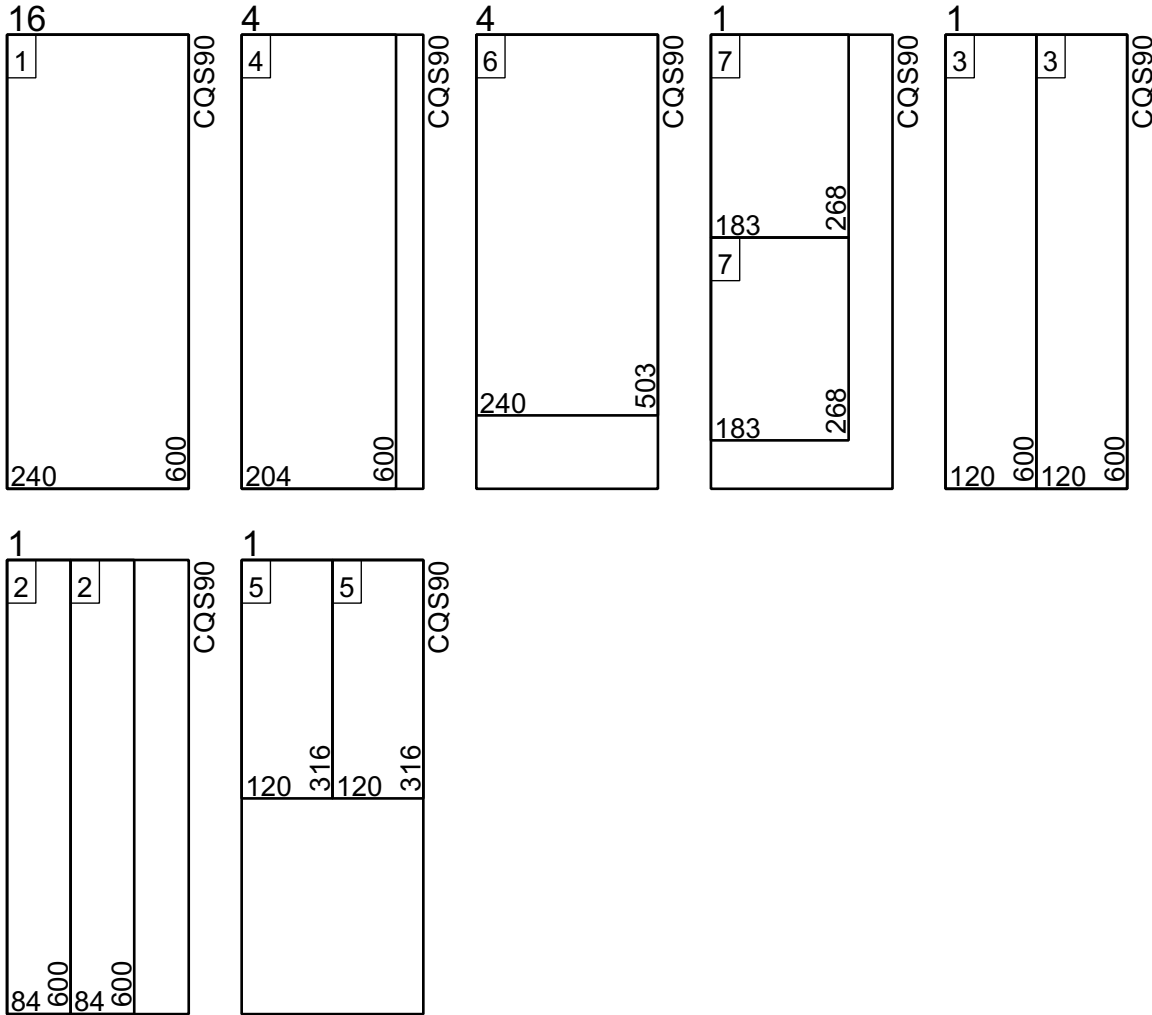
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**MATTENSCHNEIDESKIZZE Betonstahl: B550A**



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**Gesamtstahlmenge brutto**

| Stk.                      | Typ   | Länge<br>m | Breite<br>m | Gewicht<br>kg |
|---------------------------|-------|------------|-------------|---------------|
| 28                        | CQS90 | 6.00       | 2.40        | 2636.928      |
| Gesamtgewicht brutto (kg) |       |            |             | 2636.928      |

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**BIEGELISTE Betonstahl: B550B**

| Positionsnummer | Stabdurchmesser | Einzelstablänge | Gesamtanzahl | Gesamtlänge | dbr | Biegeform | Endhaken | Biege Maße                                                                                                                                                                                                                                                                                                                                                                     |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
|-----------------|-----------------|-----------------|--------------|-------------|-----|-----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|---|---|---|---|-----|----|----|---|----|---|------|------|------|-----|---|------|------|------|------|---|-------|-------|------|--|
|                 |                 |                 |              |             |     |           |          | a                                                                                                                                                                                                                                                                                                                                                                              | b    | c    | d | e | R | h |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 1               | 8               | 7.00            | 10           | 70.00       | 3   | 00        |          | 7.00                                                                                                                                                                                                                                                                                                                                                                           |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
|                 |                 |                 |              |             |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 2               | 16              | 0.65            | 34           | 22.10       | 5   | 00        |          | 0.65                                                                                                                                                                                                                                                                                                                                                                           |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
|                 |                 |                 |              |             |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 3               | 10              | 1.17            | 51           | 59.67       | 3   | 99        |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
|                 |                 |                 |              |             |     |           |          | <table border="1"> <thead> <tr> <th>Nr.</th> <th>dx</th> <th>dy</th> <th>l</th> <th>&gt;°</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.00</td> <td>0.36</td> <td>0.35</td> <td>-90</td> </tr> <tr> <td>2</td> <td>0.49</td> <td>0.00</td> <td>0.47</td> <td>-101</td> </tr> <tr> <td>3</td> <td>-0.07</td> <td>-0.35</td> <td>0.35</td> <td></td> </tr> </tbody> </table> |      |      |   |   |   |   | Nr. | dx | dy | l | >° | 1 | 0.00 | 0.36 | 0.35 | -90 | 2 | 0.49 | 0.00 | 0.47 | -101 | 3 | -0.07 | -0.35 | 0.35 |  |
| Nr.             | dx              | dy              | l            | >°          |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 1               | 0.00            | 0.36            | 0.35         | -90         |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 2               | 0.49            | 0.00            | 0.47         | -101        |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 3               | -0.07           | -0.35           | 0.35         |             |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 4               | 12              | 1.40            | 51           | 71.40       | 3   | 15        |          | 0.71                                                                                                                                                                                                                                                                                                                                                                           | 0.70 | 0.13 |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
|                 |                 |                 |              |             |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 5               | 12              | 2.90            | 80           | 232.00      | 3   | 00        |          | 2.90                                                                                                                                                                                                                                                                                                                                                                           |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
|                 |                 |                 |              |             |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 6               | 8               | 1.50            | 116          | 174.00      | 3   | 21        |          | 0.65                                                                                                                                                                                                                                                                                                                                                                           | 0.20 | 0.65 |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
|                 |                 |                 |              |             |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
| 7               | 12              | 1.60            | 58           | 92.80       | 3   | 00        |          | 1.60                                                                                                                                                                                                                                                                                                                                                                           |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |
|                 |                 |                 |              |             |     |           |          |                                                                                                                                                                                                                                                                                                                                                                                |      |      |   |   |   |   |     |    |    |   |    |   |      |      |      |     |   |      |      |      |      |   |       |       |      |  |

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