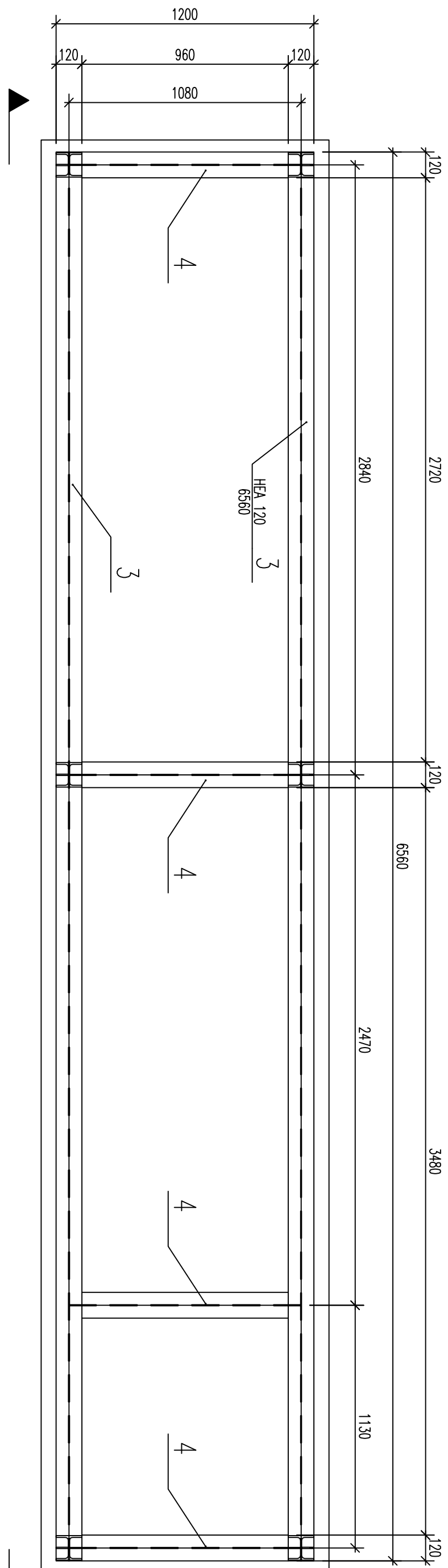


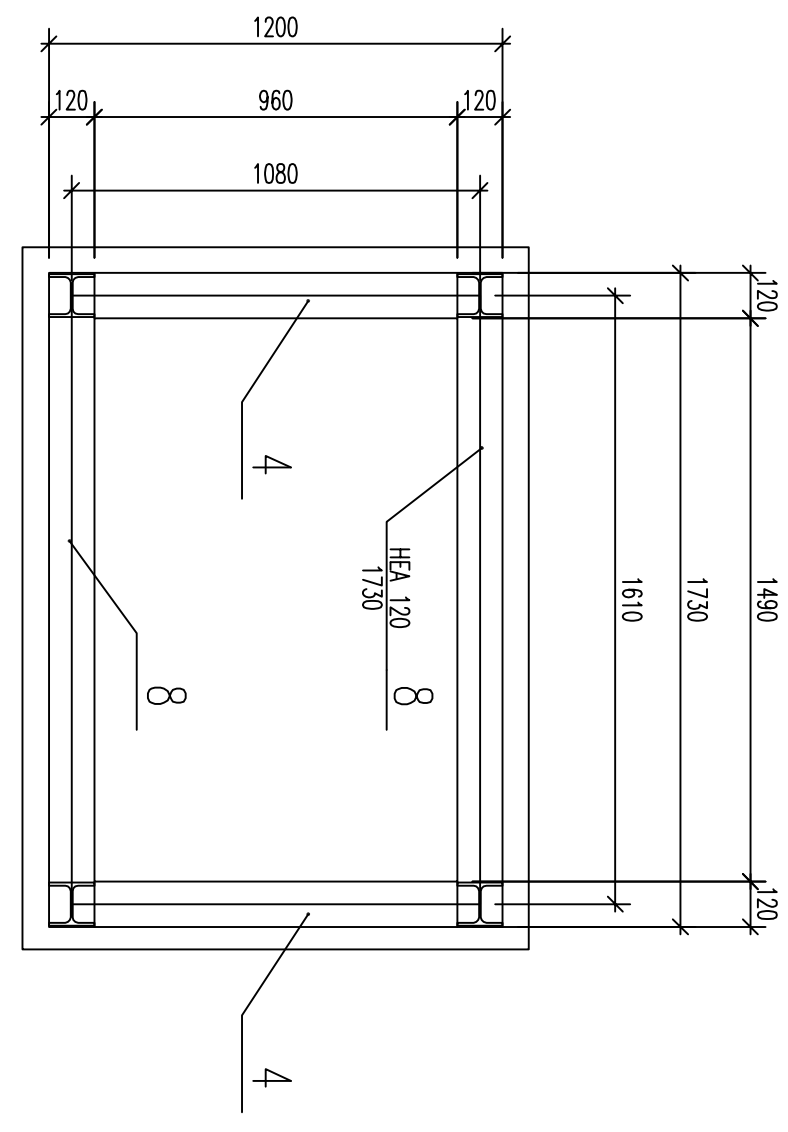
RAMA POD CENTRALE CS-1 x1

1:20



RAMA POD CENTRALE CS-2 x1

1:20



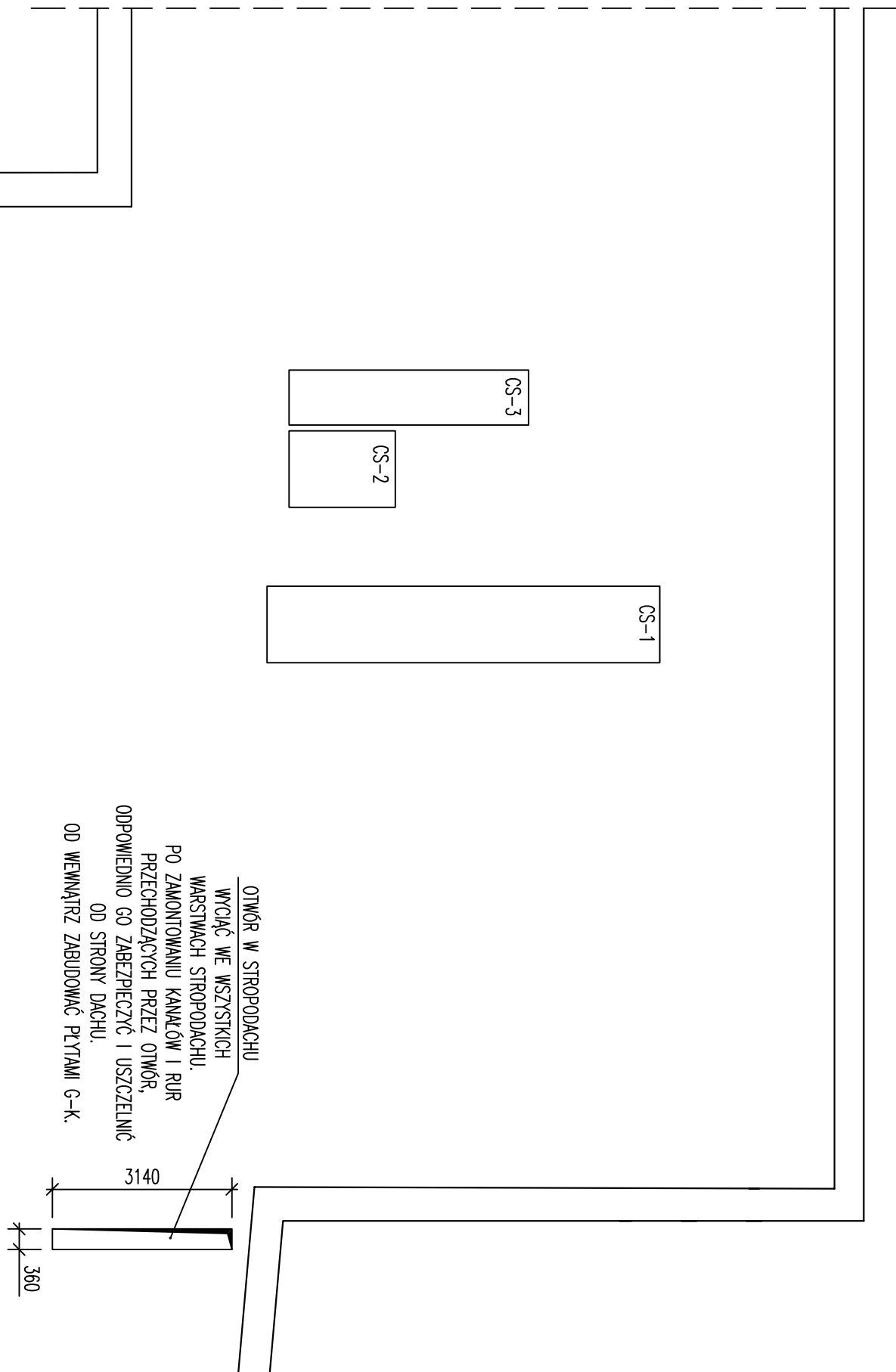
| RAMA GS-1 x1                       |       |            |              |               |                   |                 |          |
|------------------------------------|-------|------------|--------------|---------------|-------------------|-----------------|----------|
| Poz.                               | Ilość | Przedmiot  | Długość [mm] | Dł. Catk. [m] | Masa jedn. [kg/m] | Masa catk. [kg] | Materiał |
| 1                                  | 6     | BI 12x120  | 120          | 0.72          | 11.30             | 8.1             | SI3SX    |
| 2                                  | 6     | HEA 120    | 300          | 1.8           | 19.90             | 35.8            | SI3SX    |
| 3                                  | 2     | HEA 120    | 6560         | 13.12         | 19.90             | 261.1           | SI3SX    |
| 4                                  | 4     | HEA 120    | 1074         | 4.296         | 19.90             | 85.5            | SI3SX    |
| 5                                  | 8     | BI 6x57    | 98           | 0.784         | 2.68              | 2.1             | SI3SX    |
| 6                                  | 12    | BI 3x120   | 120          | 1.44          | 2.83              | 4.1             | SI3SX    |
| 7                                  | 24    | HSA M12x85 |              |               | 0.08              | 1.9             | HLL TL   |
| Masa całkowita dla 1 elementu [kg] |       |            |              |               |                   | 398.6           |          |
| RAMA GS-1                          |       |            |              |               | wyż. x            | 1               | kg       |
|                                    |       |            |              |               |                   | 398.6           |          |

| RAMA CS.2 x1                       |       |            |                 |           |                      |                    |
|------------------------------------|-------|------------|-----------------|-----------|----------------------|--------------------|
| Poz.                               | Ilość | Przedmiot  | Długość<br>[mm] | Dł. Catk. | Masa jedn.<br>[kg/m] | Masa<br>catk. [kg] |
| 1                                  | 4     | BL 12x120  | 120             | 0,48      | 11,30                | 5,4                |
| 2                                  | 4     | HEA 120    | 300             | 1,2       | 19,90                | 23,9               |
| 8                                  | 2     | HEA 120    | 1730            | 3,46      | 19,90                | 68,9               |
| 4                                  | 2     | HEA 120    | 1074            | 2,148     | 19,90                | 42,7               |
| 5                                  | 4     | BL 6x57    | 98              | 0,392     | 2,68                 | 1,1                |
| 6                                  | 8     | BL 3x120   | 120             | 0,96      | 2,83                 | 2,7                |
| 7                                  | 16    | HSA M12x85 |                 |           | 0,08                 | 1,3                |
| Masa całkowita dla 1 elementu [kg] |       |            |                 |           |                      | 146,0              |
| RAMA CS.2                          |       |            |                 | wyř. x    | 1                    | 146,0              |
|                                    |       |            |                 |           |                      | kg                 |

| RAMA CS-3 x1                       |       |            |              |                |                   |                   |          |
|------------------------------------|-------|------------|--------------|----------------|-------------------|-------------------|----------|
| Poz.                               | Ilość | Przedmiot  | Długość [mm] | Di. Całk. [mm] | Masa jedn. [kg/m] | Masa całkow. [kg] | Materiał |
| 1                                  | 4     | Bl. 12x120 | 120          | 0,48           | 11,30             | 5,4               | S3SX     |
| 2                                  | 2     | HEA 120    | 300          | 1,2            | 19,90             | 23,9              | S3SX     |
| 9                                  | 2     | HEA 120    | 4070         | 8,14           | 19,90             | 162,0             | S3SX     |
| 10                                 | 3     | HEA 120    | 694          | 2,082          | 19,90             | 41,4              | S3SX     |
| 5                                  | 6     | Bl. 6x57   | 98           | 0,588          | 2,68              | 1,6               | S3SX     |
| 6                                  | 8     | Bl. 3x120  | 120          | 0,96           | 2,83              | 2,7               | S3SX     |
| 7                                  | 16    | HSA M12x85 |              |                | 0,08              | 1,3               | HLIT     |
| Masa całkowita dla 1 elementu [kg] |       |            |              |                |                   | 238,3             |          |
| RAMA CS-3                          |       |            |              |                | wyřk. x           | 1                 | kg       |

## LOKALIZACJA CENTRAL NA DACHU

1:10M

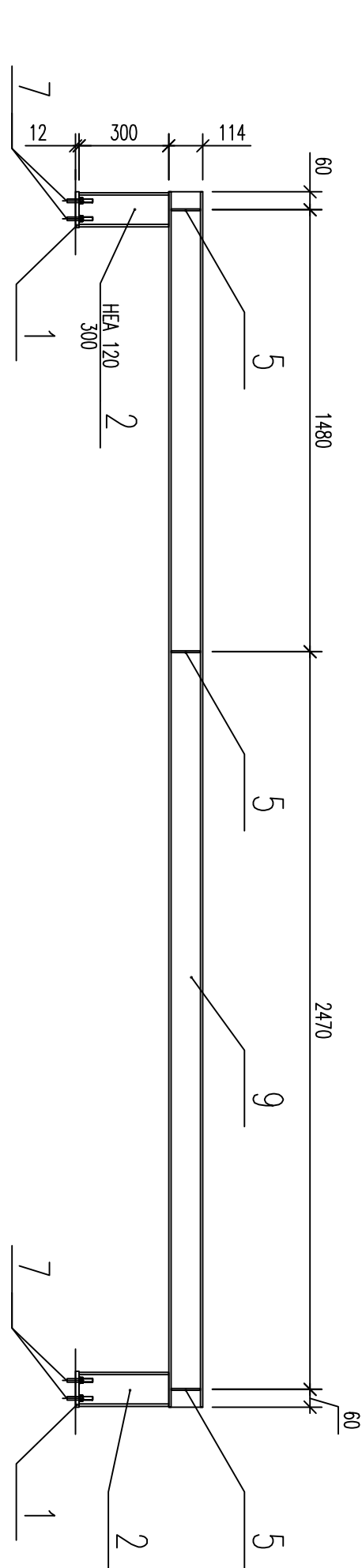


RAMA POD CENTRALE CS-3 x1

1:20

WIDOK V3-V3

1:20

[illegible]