

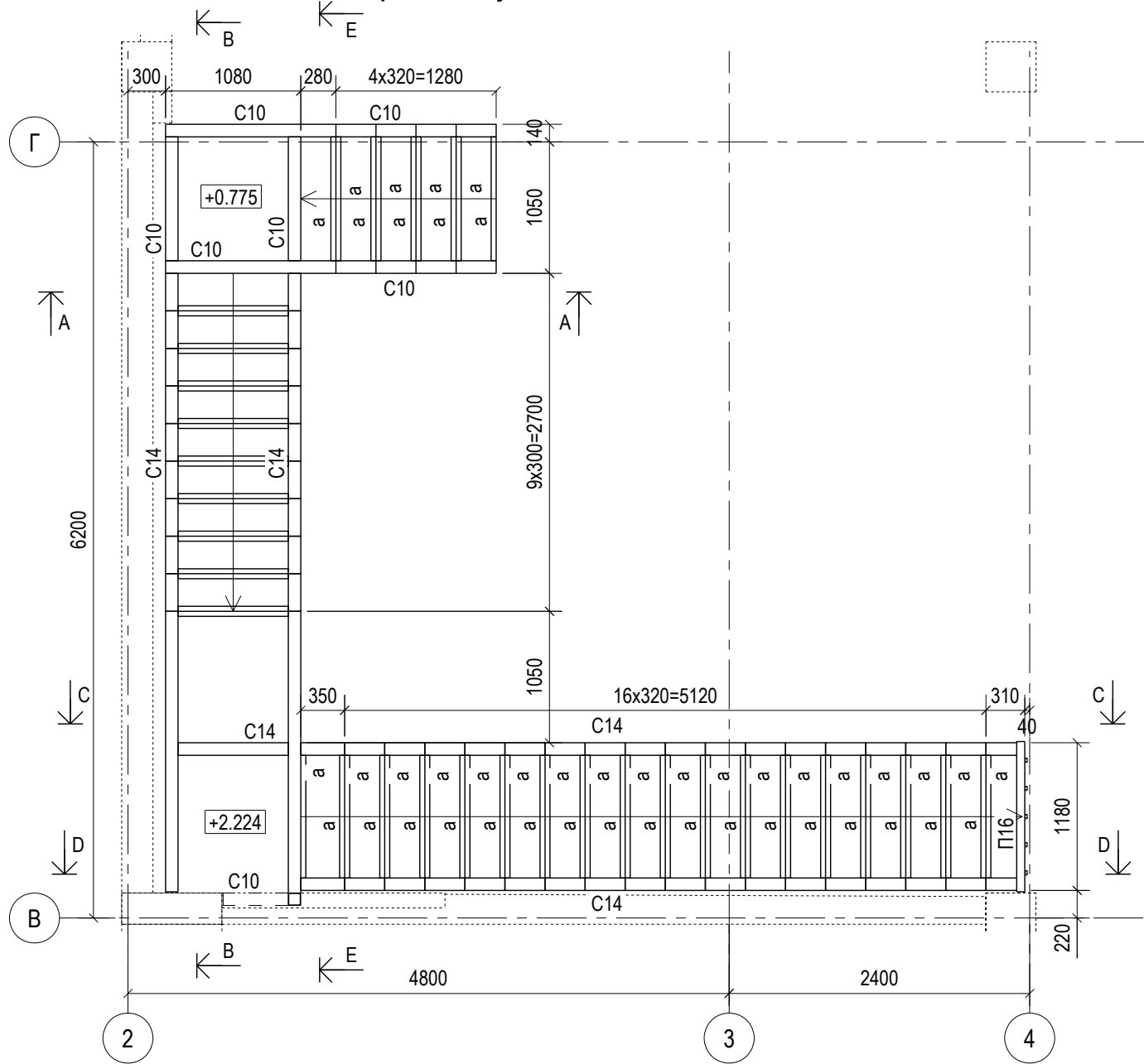


| Технічна специфікація сталі                                                                                                                                                                             |                       |                              |       |                        |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|-------|------------------------|----------|
| Вид профіля, ГОСТ, ТУ                                                                                                                                                                                   | Марка сталі           | Позначення та розмір профілю | № п/п | Загальна вага сталі, т | Примітки |
| Прокат листовий гарячекатаний<br>ГОСТ 19903-74*                                                                                                                                                         | С245<br>ГОСТ 27772-88 | t4                           | 1     | 0,31                   |          |
|                                                                                                                                                                                                         |                       | t10                          | 2     | 0,10                   |          |
|                                                                                                                                                                                                         | Всього                |                              | 3     | 0,41                   |          |
| Труби сталеві квадратні<br>ГОСТ 8639-82                                                                                                                                                                 | С245 ГОСТ 27772-88    | 40x3                         | 4     | 0,44                   |          |
|                                                                                                                                                                                                         |                       | 80x4                         | 5     | 0,00                   |          |
|                                                                                                                                                                                                         |                       | 100x5                        | 6     | 0,22                   |          |
|                                                                                                                                                                                                         | Всього                |                              | 7     | 0,67                   |          |
| Труби сталеві прямокутні<br>ГОСТ 8645-68                                                                                                                                                                | С245 ГОСТ 27772-88    | 140x100x5                    | 8     | 0,91                   |          |
|                                                                                                                                                                                                         | Всього                |                              | 9     | 0,91                   |          |
| Швелер сталеві гарячекатані<br>ДСТУ 3436-96 (ГОСТ 8240-97)                                                                                                                                              | С245 ГОСТ 27772-88    | [ 16П                        | 10    | 0,68                   |          |
|                                                                                                                                                                                                         | Всього                |                              | 11    | 0,68                   |          |
| Всього вага металопрокату (профілів)                                                                                                                                                                    |                       |                              | 12    | 2,7                    |          |
| Всього вага металлоконструкцій з урахуванням ваги наплавленого металу 1% та уточненням ваги конструкцій в кресленнях КМД в розмірі 3% від маси металопрокату профілів (п.6.4. ДСТУ Б В.2.6-199:2014), т |                       |                              | 13    | 2,77                   |          |

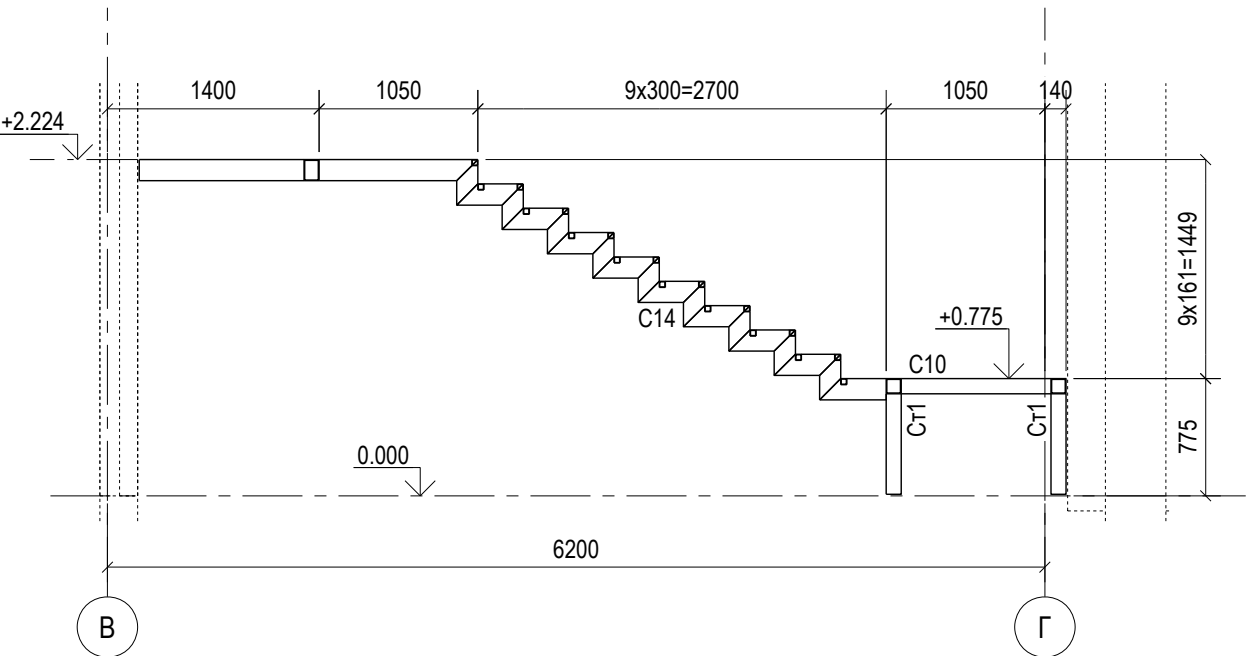
Гратчастий настил - 4,5м2  
Сходинок з гратчастого настилу 290х900 - 31шт.

|           |        |         |        |                                                                                     |         |                                                                                                                                   |                |       |         |
|-----------|--------|---------|--------|-------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|-------|---------|
|           |        |         |        |                                                                                     |         | PBD-D01-012-KM                                                                                                                    |                |       |         |
|           |        |         |        |                                                                                     |         | Реконструкція готельно-житлового комплексу "Пролісок" в готельно-туристичний комплекс за адресою: м.Київ, проспект Перемоги,б.139 |                |       |         |
| Зм.       | Кільк. | Лист    | № док. | Підпис                                                                              | Дата    | Адміністративно-офісна будівля<br>Сходи                                                                                           | Стадія         | Аркуш | Аркушів |
| ГАП       |        | Чернуха |        |  | 09.2021 |                                                                                                                                   | Р              | 2     |         |
| Розробив  |        | Гусак   |        |  | 09.2021 |                                                                                                                                   |                |       |         |
| Перевірив |        | Іванов  |        |  | 09.2021 |                                                                                                                                   |                |       |         |
| Н.контр.  |        | Чернуха |        |                                                                                     | 09.2021 | Технічна специфікація<br>сталі                                                                                                    | ФОП Гусак С.О. |       |         |
|           |        |         |        |                                                                                     |         |                                                                                                                                   |                |       |         |
|           |        |         |        |                                                                                     |         |                                                                                                                                   |                |       |         |

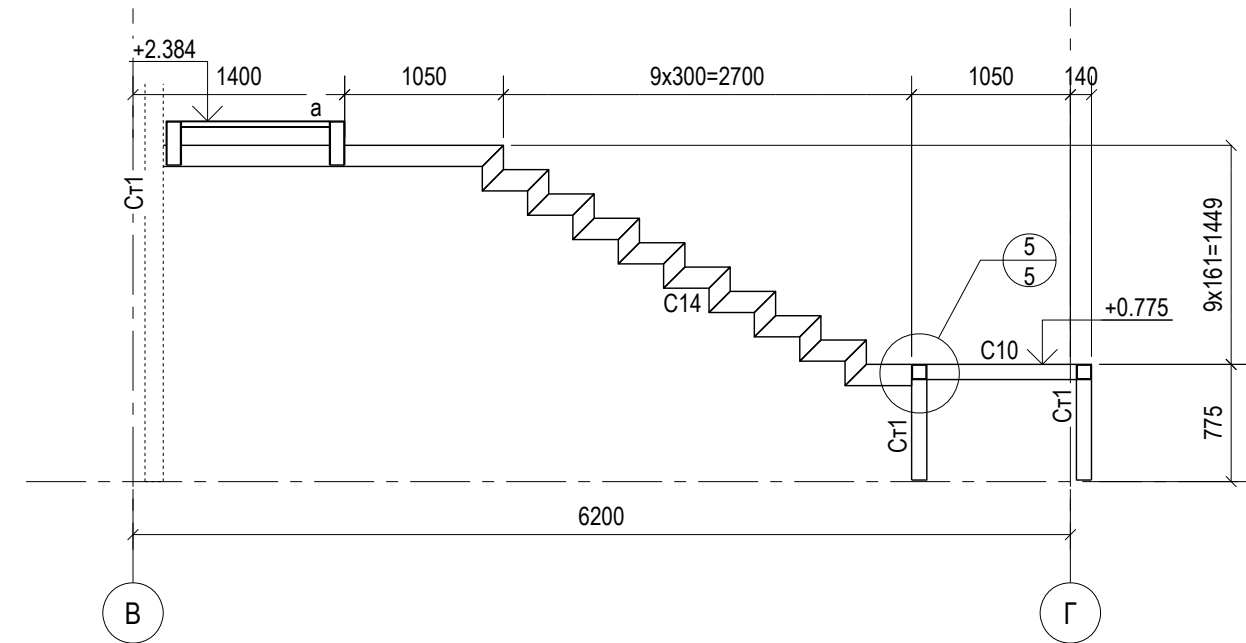
Схема розташування сходів в осях 2-4хВ-Г



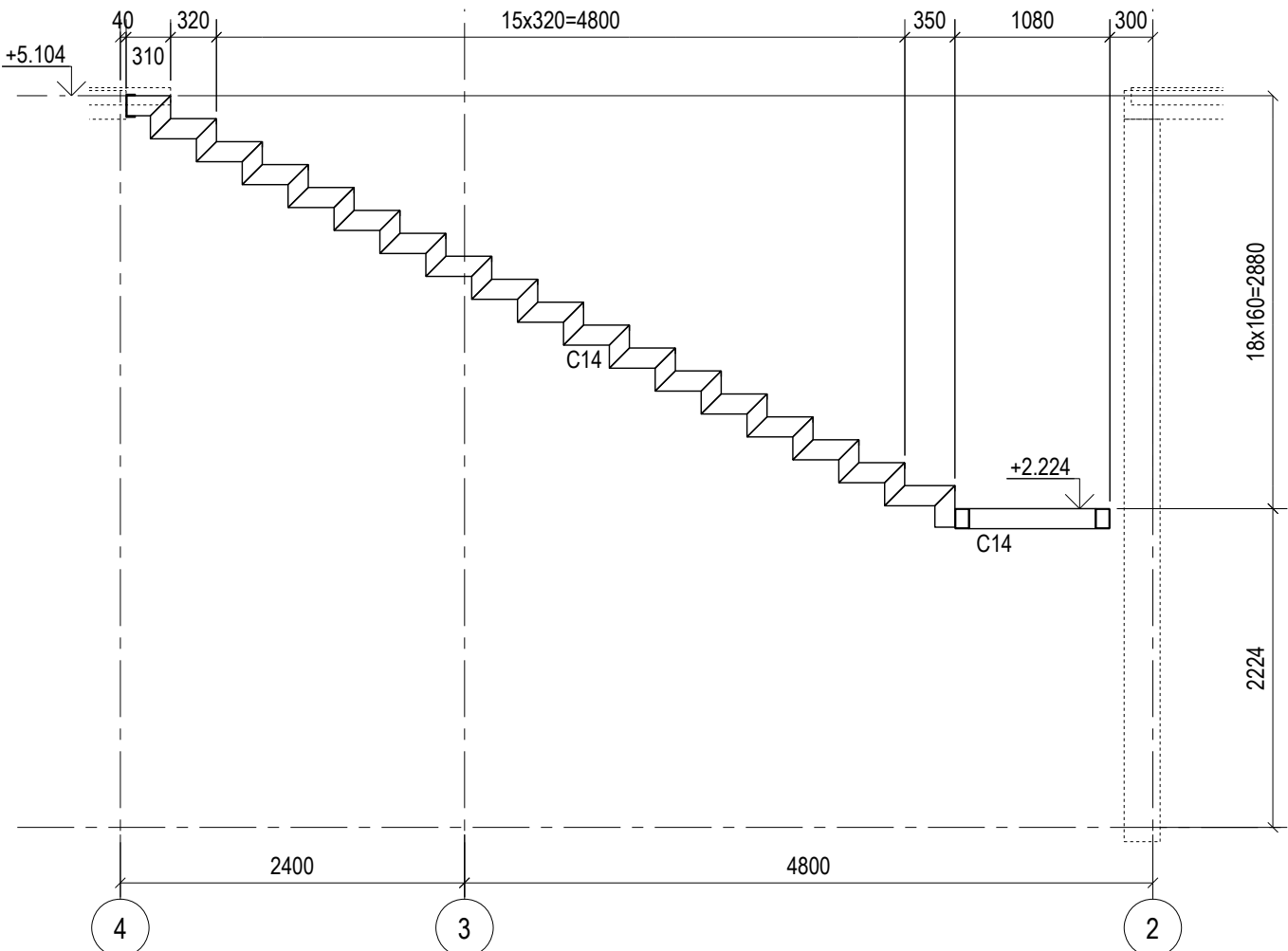
В - В



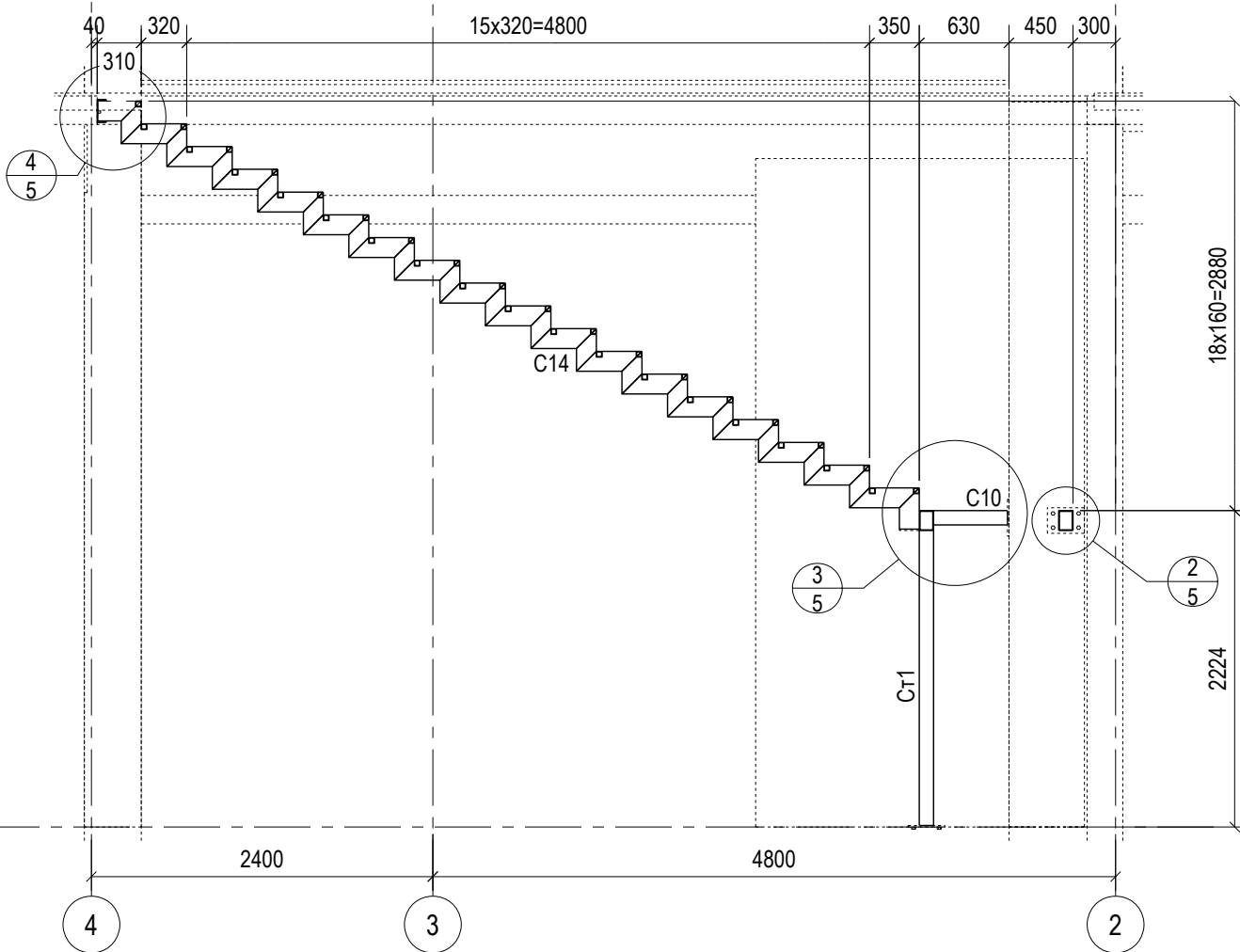
Е - Е



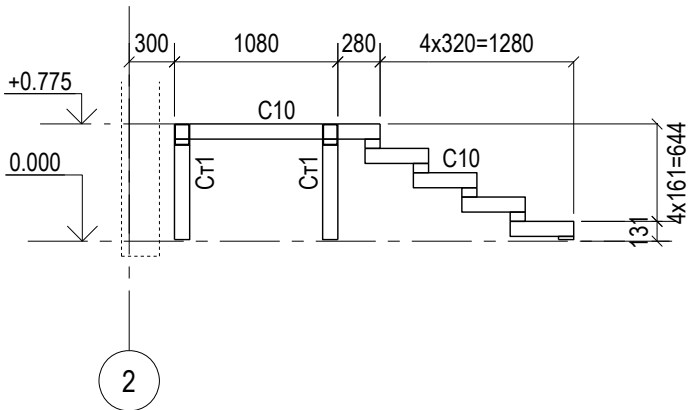
С - С



Д - Д



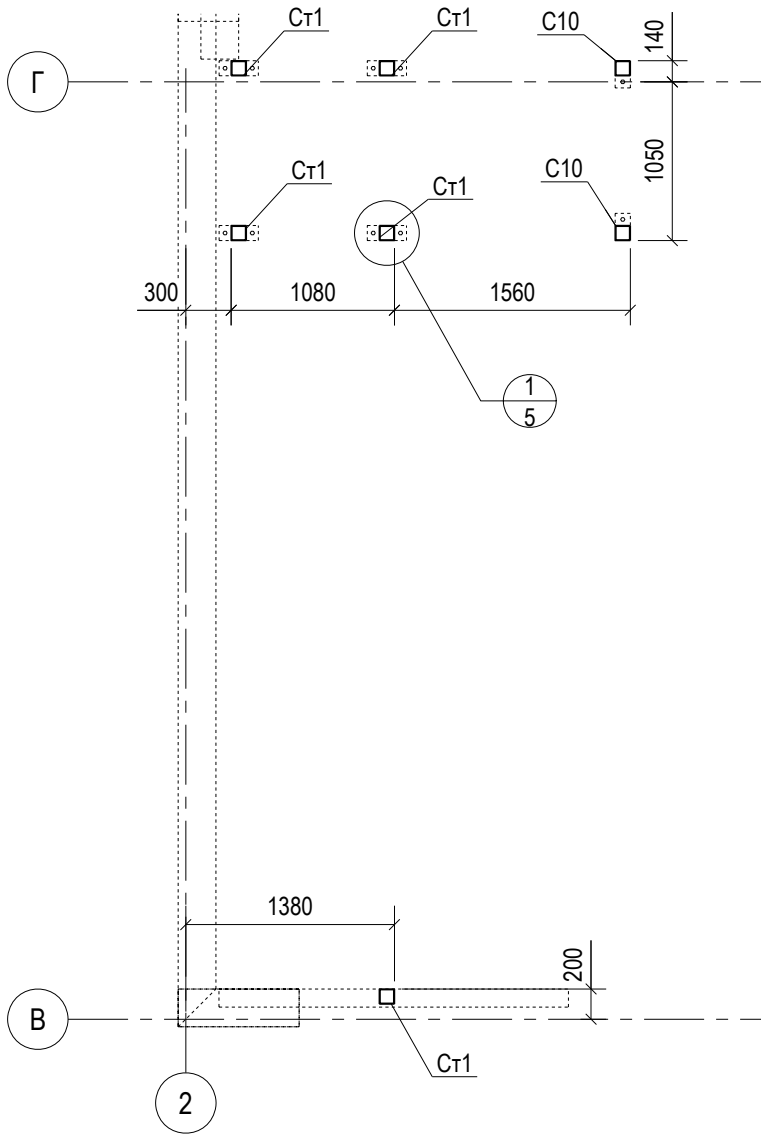
А - А



Відомість елементів

| Марка<br>елементу | Переріз |      |                   | Опорні зусилля |       |        | Група<br>констр. | Марка<br>сталі | Примітки |
|-------------------|---------|------|-------------------|----------------|-------|--------|------------------|----------------|----------|
|                   | ескіз   | поз. | склад             | Q, кН          | N, кН | M, кНм |                  |                |          |
| П16               |         |      | □ 16              | 10             | -     | -      | 3                | С245           |          |
| С8                |         |      | □ 100x5           | -              | -     | -      | 3                |                |          |
| С10               |         |      | □ 100x5           | -              | -     | -      | 3                |                |          |
| С14               |         |      | □ 140x100x5       | -              | -     | -      | 3                |                |          |
| Ст1               |         |      | □ 100x5           | -              | -     | -      | 3                |                |          |
| Ст2               |         |      | □ 140x100x5       | -              | -     | -      | 3                |                |          |
| а                 |         |      | □ 40x3            | -              | -     | -      | 3                |                |          |
| ОГ                |         | 1    | □ 40x3            | -              | -     | -      | 3                |                |          |
|                   |         | 2    | □ 40x3            |                |       |        |                  |                |          |
|                   |         | 3    | — 4x40            |                |       |        |                  |                |          |
|                   |         | 4    | — 4x40            |                |       |        |                  |                |          |
| Сх1               |         |      | Сходинка 290x900  |                |       |        | 3                |                |          |
| Н1                |         |      | Гратчастий настил | 200кг/м2       |       |        | 3                |                |          |

Схема елементів на відм. 0.000



|           |        |         |        |        |         |                                                                                                                                   |                |       |         |
|-----------|--------|---------|--------|--------|---------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|-------|---------|
|           |        |         |        |        |         | PBD-D01-012-KM                                                                                                                    |                |       |         |
|           |        |         |        |        |         | Реконструкція готельно-житлового комплексу "Пролісок" в готельно-туристичний комплекс за адресою: м.Київ, проспект Перемоги,б.139 |                |       |         |
| Зм.       | Кільк. | Лист    | № док. | Підпис | Дата    | Адміністративно-офісна будівля<br>Сходи                                                                                           | Стадія         | Аркуш | Аркушів |
| ГАП       |        | Чернуха |        |        | 09.2021 |                                                                                                                                   | Р              | 3     |         |
| Розробив  |        | Гусак   |        |        | 09.2021 |                                                                                                                                   |                |       |         |
| Перевірів |        | Іванов  |        |        | 09.2021 |                                                                                                                                   |                |       |         |
| Н.контр.  |        | Чернуха |        |        | 09.2021 |                                                                                                                                   |                |       |         |
|           |        |         |        |        |         | Схема розташування сходів в осях 2-4хВ-Г                                                                                          | ФОП Гусак С.О. |       |         |

The architectural floor plan shows a building section with the following details:

- Grid Lines:** Horizontal grid lines are labeled 2, 3, and 4. Vertical grid lines are labeled A, B, and C.
- Dimensions:**
  - Horizontal dimensions: 750, 1160, 4350 (total 15x290=4350), and 940.
  - Vertical dimensions: 355, 900, 155, 900, and 190.
  - Overall horizontal dimensions at the bottom: 4800 and 2400.
- Structural Elements:**
  - Columns are labeled П16.
  - Beams are labeled П16.
  - Reinforcement is indicated by symbols like #.
- Levels:**
  - Level +7.927 is marked for the upper floor area.
  - Level +5.250 is marked for the lower floor area.
- Other Features:**
  - Room 7 is located at the top left.
  - Room 5 is located below room 7.
  - Room 6 is located at the bottom left.
  - Room 8 is located at the bottom right.
  - Room 9 is located at the top right.
  - Room 10 is located in the center.
  - Room 11 is located at the bottom center.
  - Room 12 is located at the bottom right.
  - Room 13 is located at the bottom right.
  - Room 14 is located at the bottom right.
  - Room 15 is located at the bottom right.
  - Room 16 is located at the bottom right.
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  - Room 98 is located at the bottom right.
  - Room 99 is located at the bottom right.
  - Room 100 is located at the bottom right.

Technical drawing of a staircase (Fig. 10) showing a side elevation. The drawing includes dimensions: 750, 1160, 15x290=4350, 940, 4800, and 2400. Elevation markers include +7.927, +5.250, and +4.440. Components are labeled: П16 (handrail), Сх1 15шт. (stair treads), and Сх2 (stair support). Circled numbers 14, 5, 13, 5, 12, 5, and 4 are also present.

The drawing shows a staircase with the following specifications:

- Plan View (Top):** Shows the layout of the stairs between grid lines 2, 3, and 4. The total width is 13x290=3770. The width of the upper flight is 1160, and the width of the lower flight is 940. The total length of the flights is 15x290=4350. The distance between grid lines 2 and 3 is 4800, and between 3 and 4 is 2400.
- Elevation View (Side):** Shows the vertical profile of the stairs. The total height is 14x167=2338. The height of the upper flight is 9.846, and the height of the lower flight is 5.250. The total height from the ground level (+7.927) to the top landing is +10.265. The height of the lower flight from the ground level is +4.440.
- Labels and Dimensions:**
  - Grid lines: 2, 3, 4.
  - Staircase width: 13x290=3770.
  - Flight width: 1160, 940.
  - Flight length: 15x290=4350.
  - Height: 14x167=2338, 9.846, 5.250, 4.440, +7.927, +10.265.
  - Staircase type: Цx1 13шт.
  - Staircase material: П16.
  - Staircase height: 157.

[illegible]

The technical drawing shows a cross-section of a staircase. Key dimensions include horizontal spans of 750, 1160, 900, and 556 mm; vertical heights of +7.927, +9.846, and +10.265 m; and a total width of 14x167=2338 mm. Reinforcement bars are labeled as П16 and C8. A circular callout indicates a bar diameter of 15/5 mm. The drawing also shows a railing system and a grid reference from 2 to 4.

Technical drawing of a rectangular frame. The drawing shows a central rectangle with two vertical bars labeled П16 on the left and right sides. The top and bottom horizontal bars are labeled C8. Dimensions are indicated: the total width is 900, the width of the central opening is 556, the total height is 1800, and the height of the top and bottom sections is 440. The drawing is bounded by a dashed line on the right and bottom, and a solid line on the top and left. The drawing is labeled with 'Б' in a circle on the left and '4' in a circle on the bottom right.

Architectural drawing of a staircase (Fig. 10) showing a plan view with dimensions and elevations. The drawing includes a horizontal section with a total width of 2500 and a vertical section showing a total height of 1000. Key dimensions include a run of 1800, a rise of 260, and a landing width of 440. The drawing is labeled with 'Б' at the bottom and 'В' on the right side.

Technical drawing of a balcony railing (Balkonengeländer) showing side and front elevations with dimensions and material specifications.

**Side Elevation (Top):**

- Overall width: 2450
- Left offset: 50
- Right offset: 355
- Rightmost offset: 870
- Material specification: П16 (Aluminum profile)

**Front Elevation (Bottom):**

- Overall width: 2500
- Left offset: 50
- Right offset: 200
- Material specification: П16 (Aluminum profile)

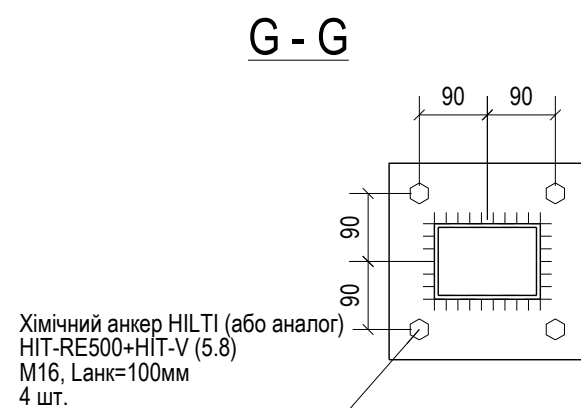
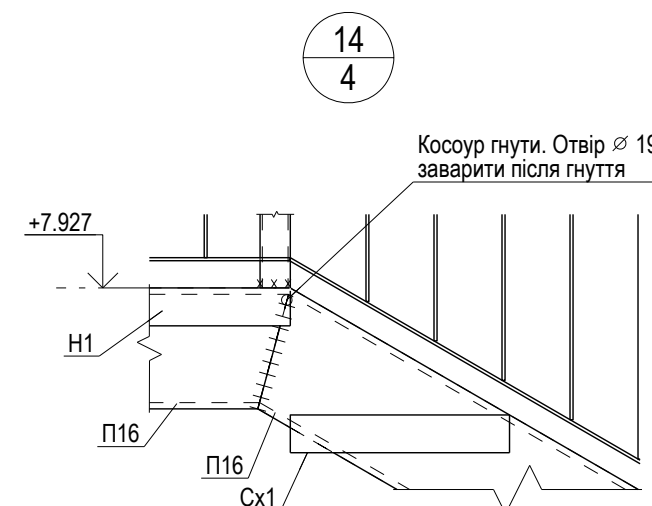
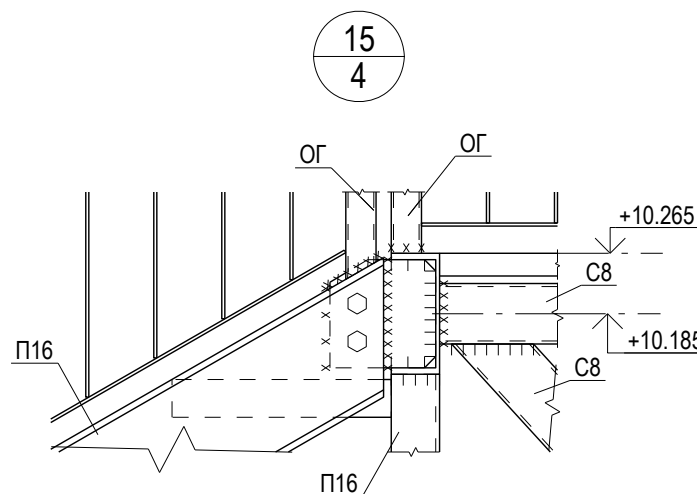
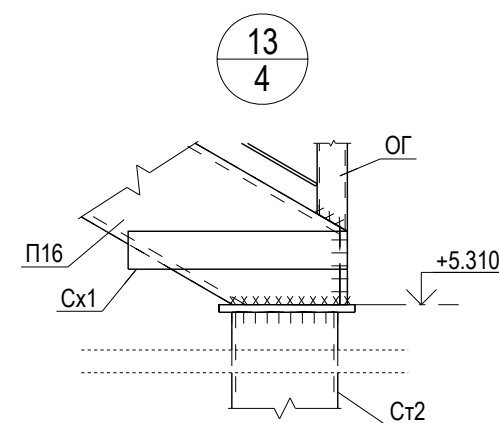
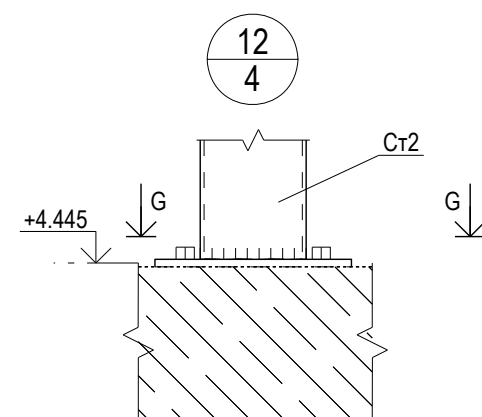
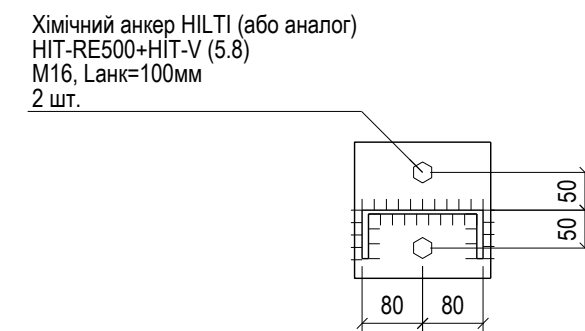
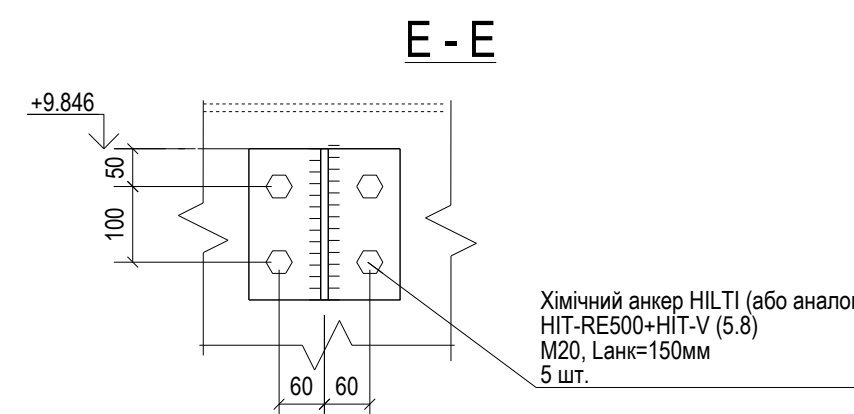
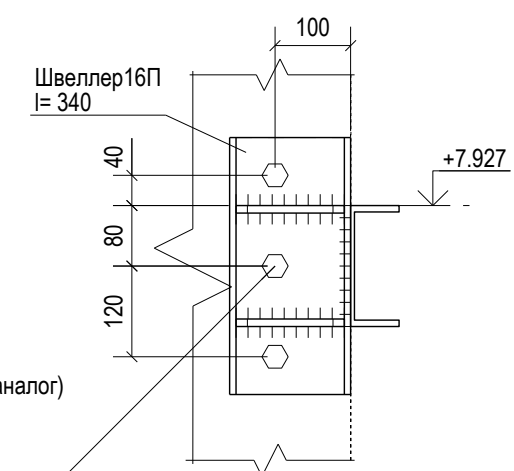
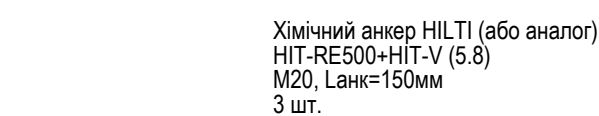
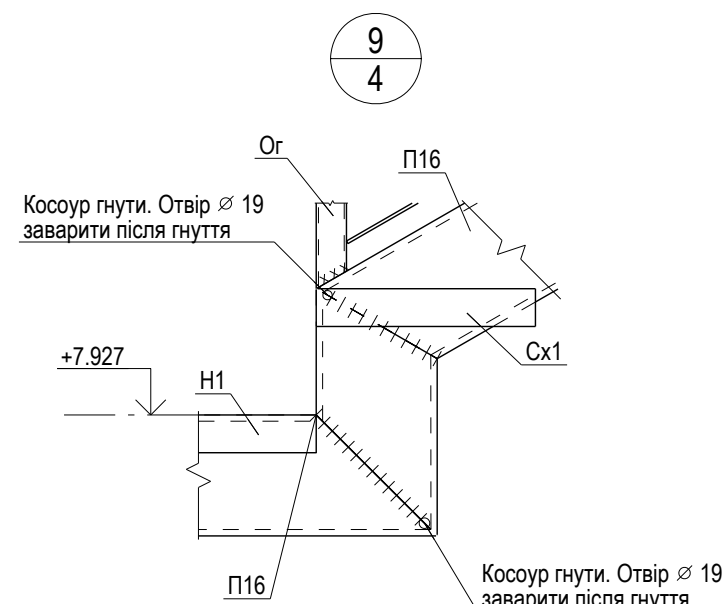
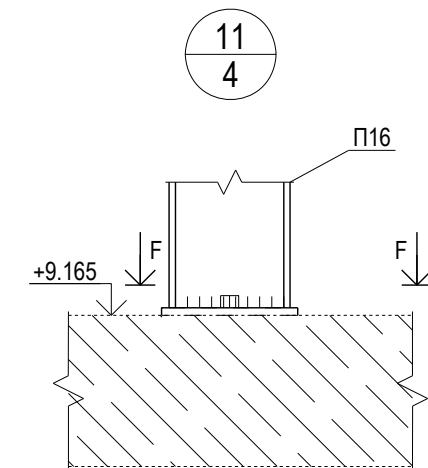
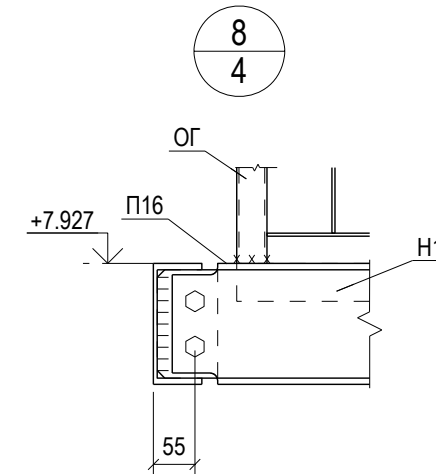
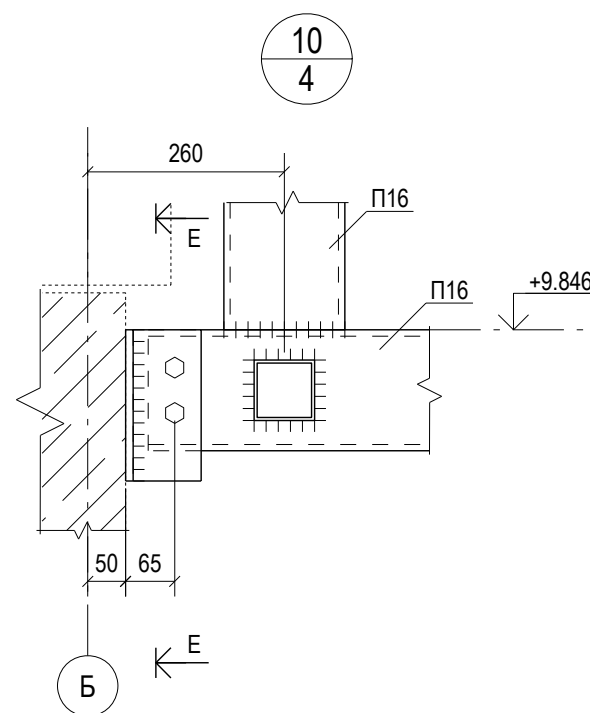
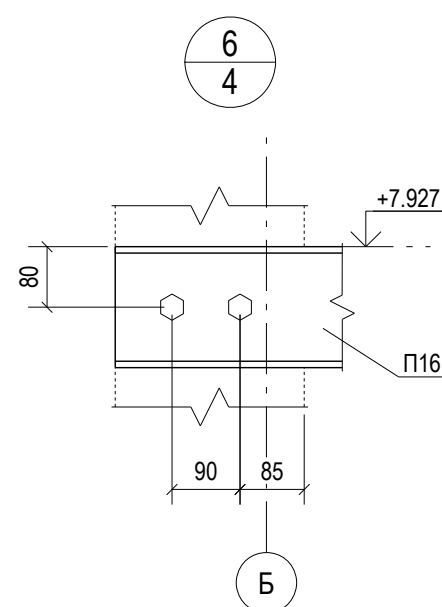
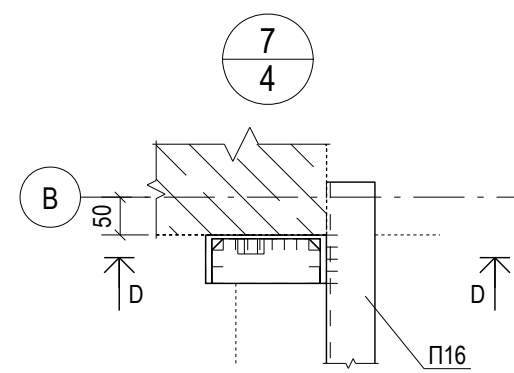
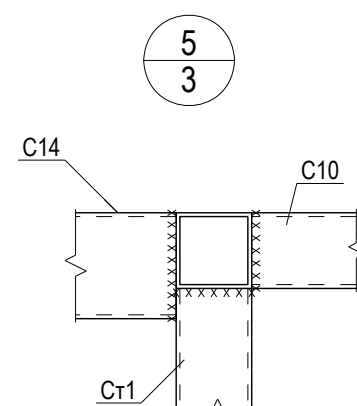
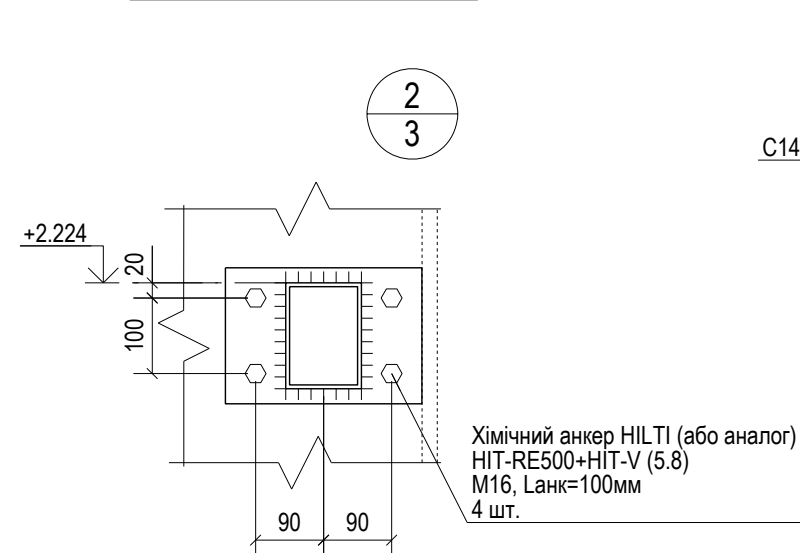
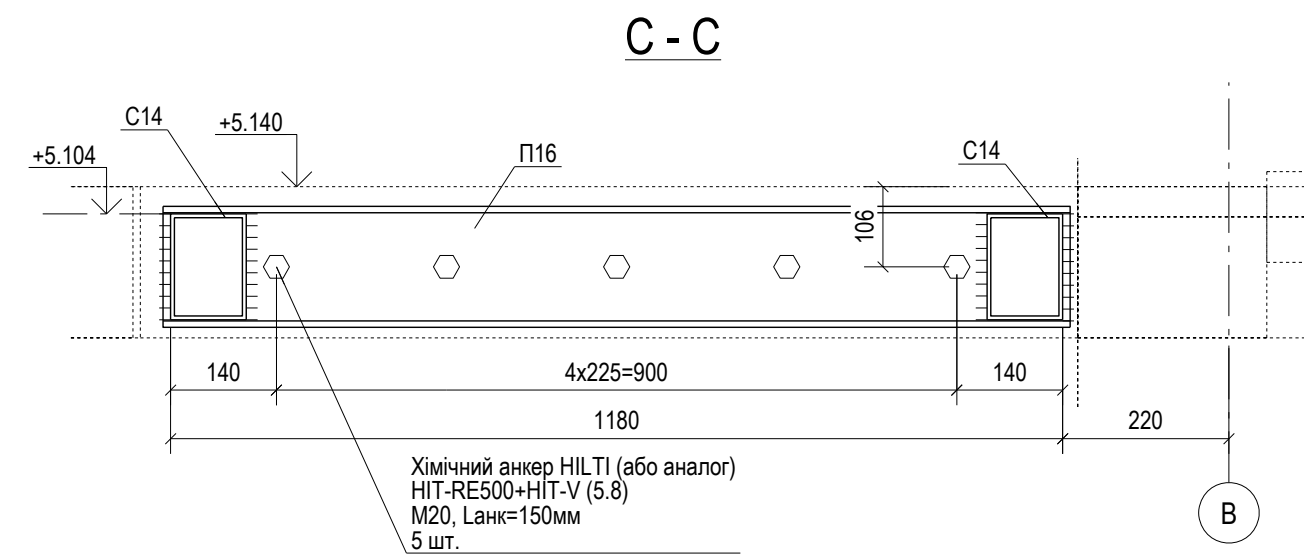
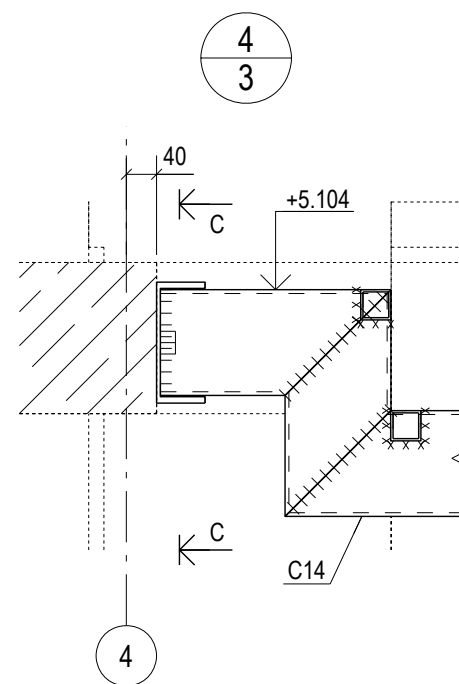
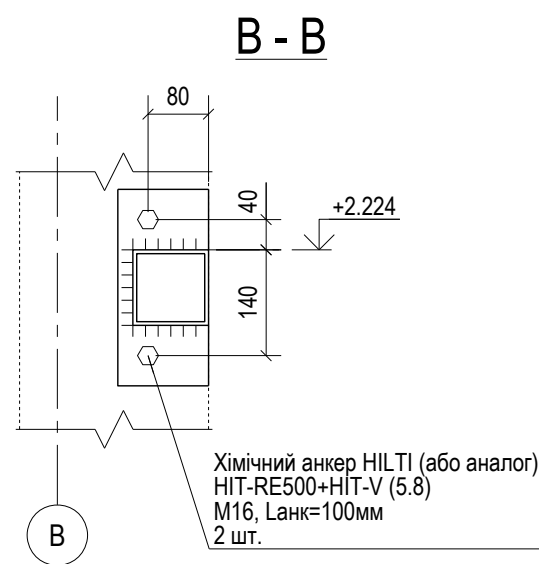
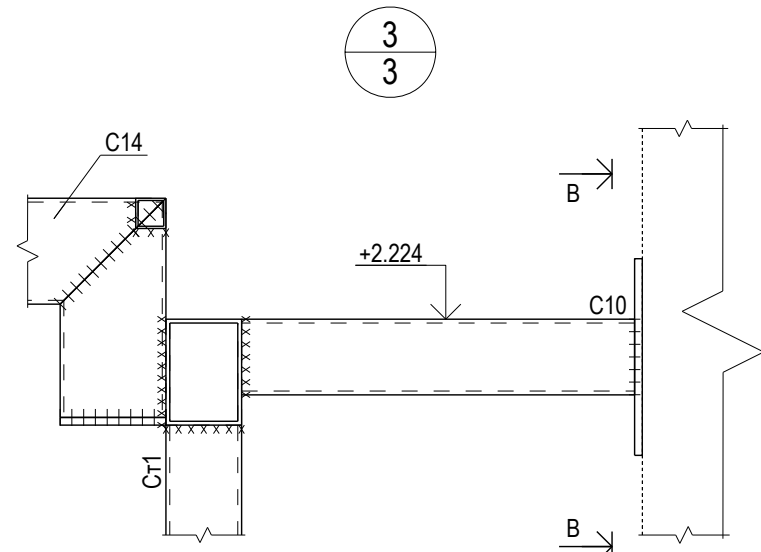
**Vertical Dimensions:**

- Top rail height: 260
- Bottom rail height: 200
- Handrail height: 115
- Handrail slope: 3x190=570

**Other Details:**

- Handrail material: П16 (Aluminum profile)
- Handrail diameter: 115
- Handrail slope: 3x190=570

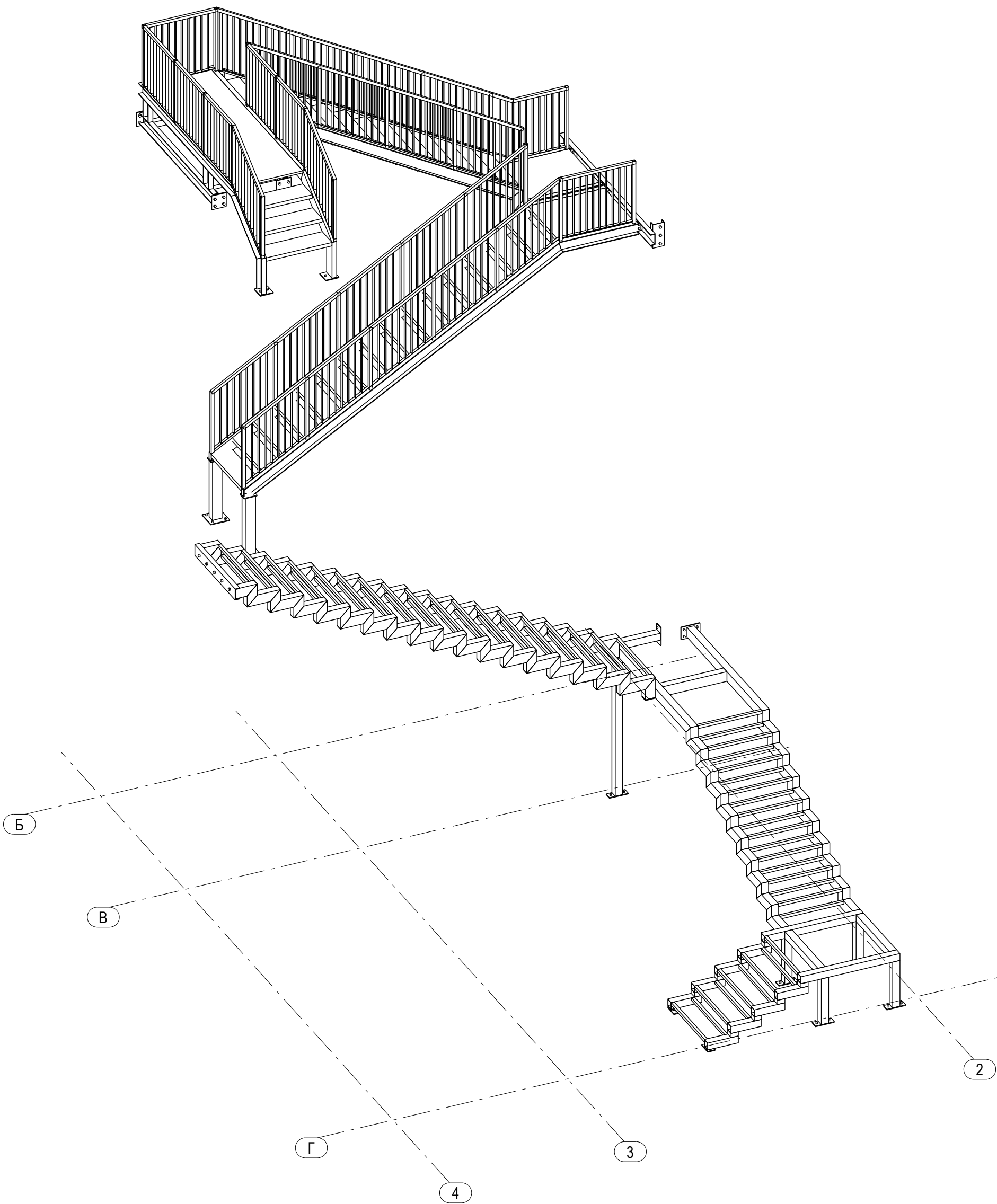
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1. Загальні дані див. арк. 1.
2. Відомість елементів див. арк. 3.
3. Катети зварних швів- 6мм, крім вказаних, але не більше1,2т.
4. Всі болти М16, класу 8.8, крім вказаних.
5. Всі фасонки - т10, крім вказаних.
6. Марка сталі всіх елементів - С245, крім вказаних.

|           |        |         |        |        |         | PBD-D01-012-KM                                                                                                                    |                |       |         |  |
|-----------|--------|---------|--------|--------|---------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|-------|---------|--|
|           |        |         |        |        |         | Реконструкція готельно-житлового комплексу "Пролісок" в готельно-туристичний комплекс за адресою: м.Київ, проспект Перемоги,б.139 |                |       |         |  |
| Зм.       | Кільк. | Лист    | № док. | Підпис | Дата    | Адміністративно-офісна будівля<br>Сходи                                                                                           | Стадія         | Аркуш | Аркушів |  |
| ГАП       |        | Чернуха |        |        | 09.2021 |                                                                                                                                   |                |       |         |  |
| Розробив  |        | Гусак   |        |        | 09.2021 |                                                                                                                                   |                |       |         |  |
| Перевірив |        | Іванов  |        |        | 09.2021 |                                                                                                                                   |                |       |         |  |
| Н. контр. |        | Чернуха |        |        | 09.2021 |                                                                                                                                   |                |       |         |  |
|           |        |         |        |        |         | Вузли                                                                                                                             | ФОП Гусак С.О. |       |         |  |

Просторовий вигляд каркасу



|           |        |         |        |                                                                                       |         |                                                                                                                                   |                |       |         |  |
|-----------|--------|---------|--------|---------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|-------|---------|--|
|           |        |         |        |                                                                                       |         | PBD-D01-012-KM                                                                                                                    |                |       |         |  |
|           |        |         |        |                                                                                       |         | Реконструкція готельно-житлового комплексу "Пролісок" в готельно-туристичний комплекс за адресою: м.Київ, проспект Перемоги,б.139 |                |       |         |  |
| Зм.       | Кільк. | Лист    | № док. | Підпис                                                                                | Дата    | Адміністративно-офісна будівля<br>Сходи                                                                                           | Стадія         | Аркуш | Аркушів |  |
| ГАП       |        | Чернуха |        |  | 09.2021 |                                                                                                                                   | Р              | 6     |         |  |
| Розробив  |        | Гусак   |        |  | 09.2021 |                                                                                                                                   |                |       |         |  |
| Перевірів |        | Іванов  |        |  | 09.2021 |                                                                                                                                   |                |       |         |  |
| Н.контр.  |        | Чернуха |        |  | 09.2021 | Просторовий вигляд<br>каркасу                                                                                                     | ФОП Гусак С.О. |       |         |  |
|           |        |         |        |                                                                                       |         |                                                                                                                                   |                |       |         |  |
|           |        |         |        |                                                                                       |         |                                                                                                                                   |                |       |         |  |