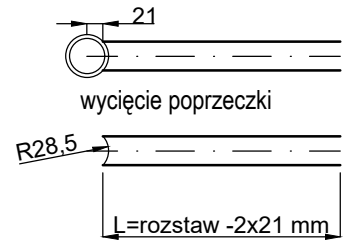
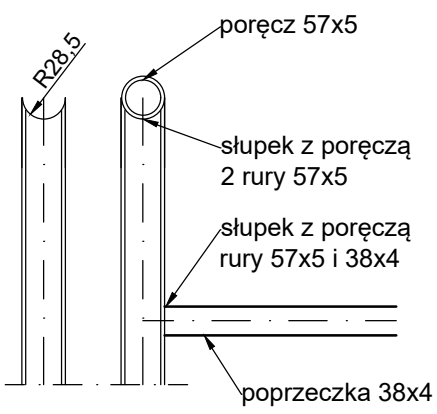
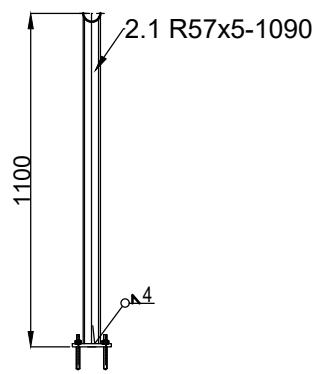


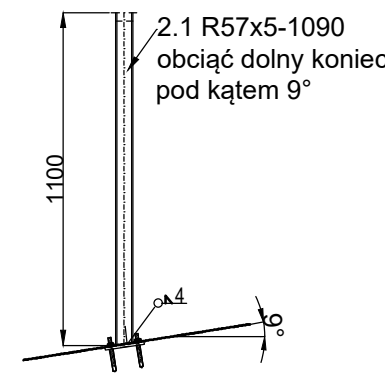
SZCZEGÓŁY ŁĄCZENIA 1:10



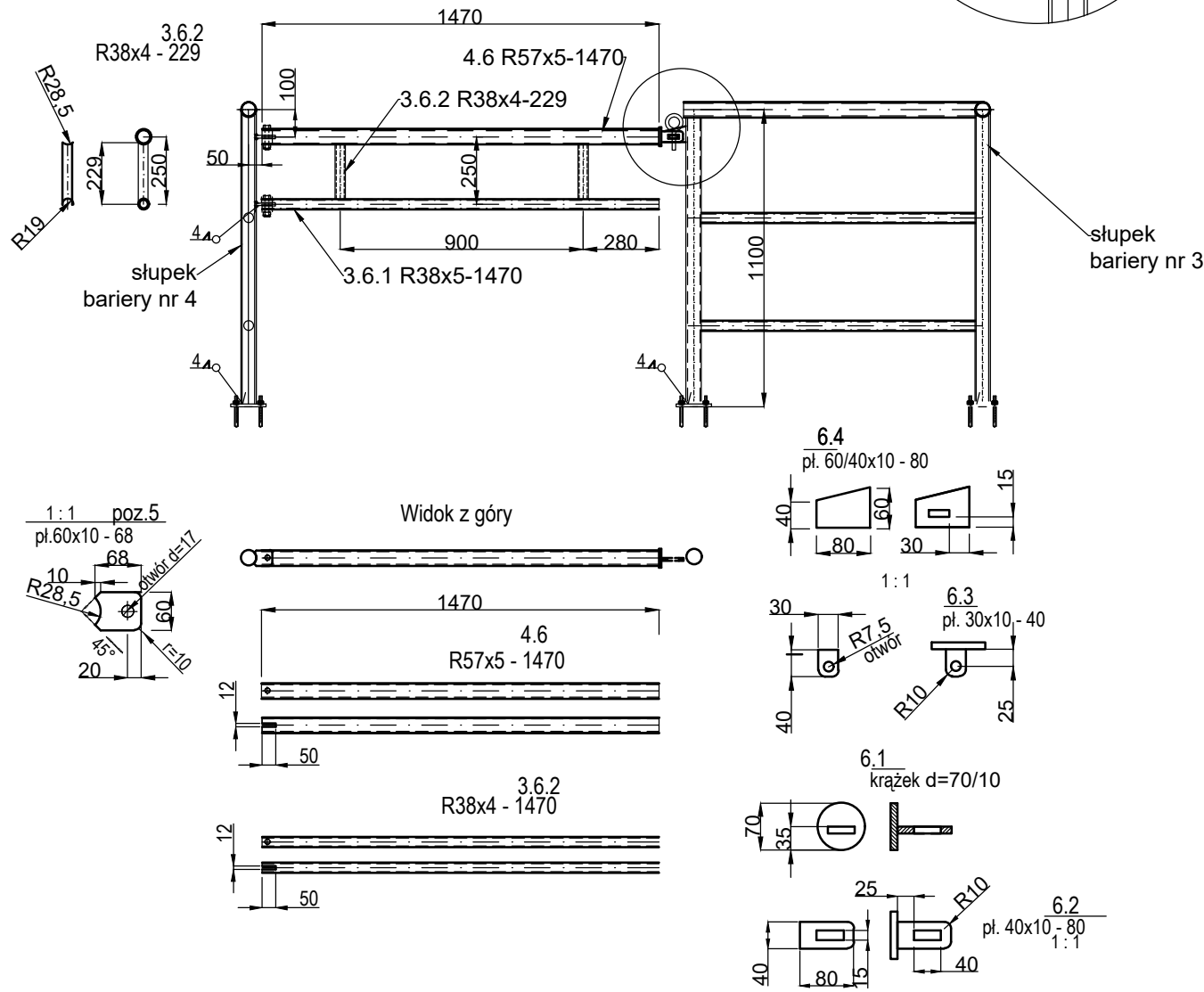
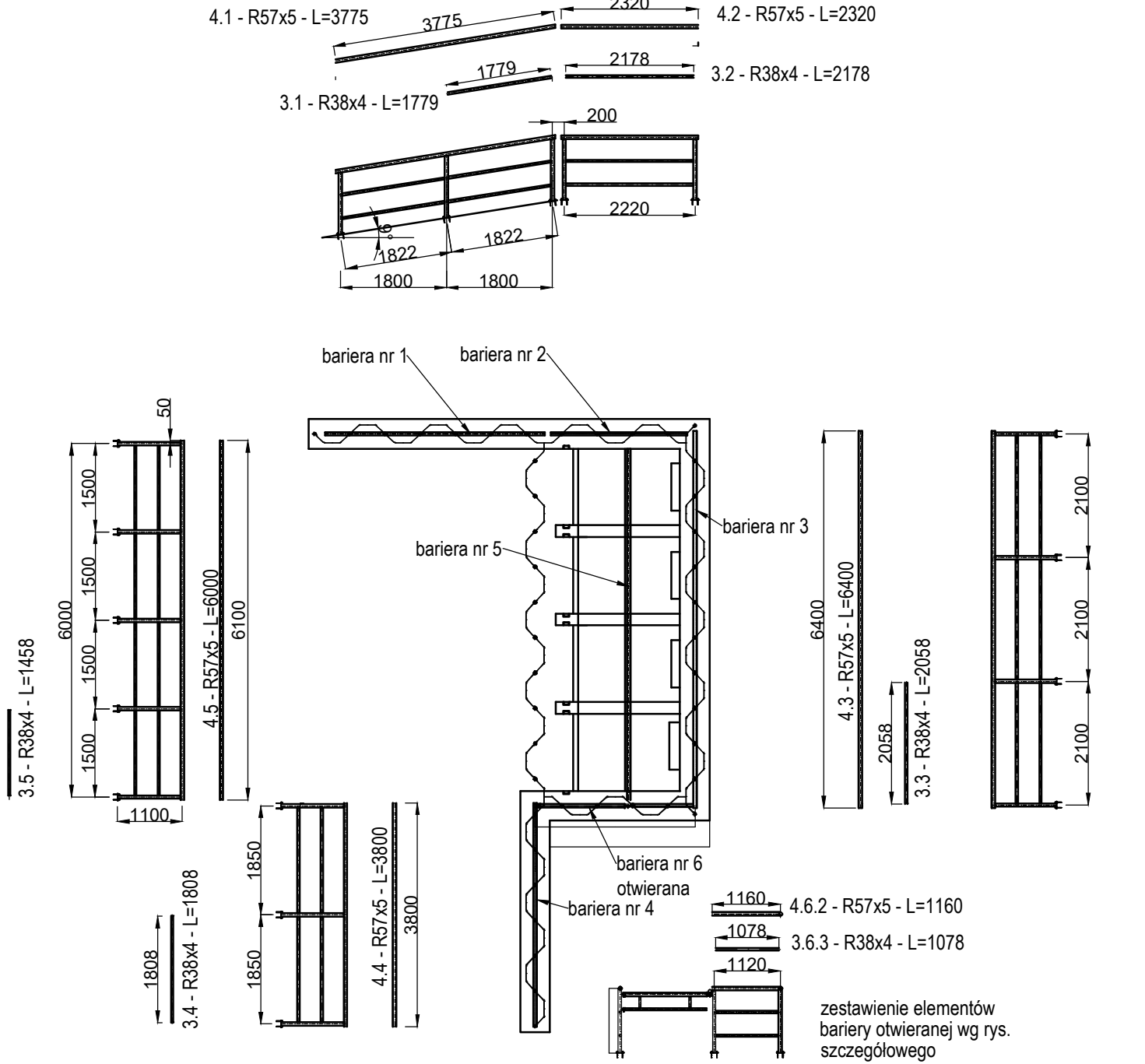
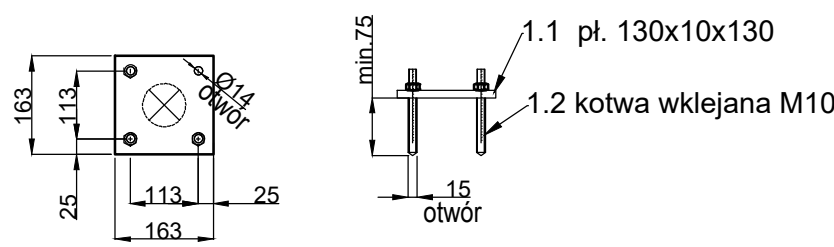
Poz.2. Słupki 1:2,5



Poz.2a. Słupki na oczepie skośnym 1:2,5



poz.1 Mocowanie słupka



| | | | | | | | | |
|---------------|------|--------------------|-----------|--------------------|-----------|----------|-----------|-----------------------------|
| | 4.2 | Poręcz R57x5 | 1 | 39.10 | 39.10 | 304 | 6100 | |
| | 3.2 | Poprzeczki R38x4 | 8 | 4.89 | 39.12 | 304 | 1458 | |
| | 2 | Słupki R57x5 | 5 | 7.00 | 35.00 | 304 | 1090 | |
| | 1.2 | kotwa wklejana M10 | 4 | ---- | ---- | | pręt 110 | |
| | 1.1 | pl. 130x10 | 1 | 1.33 | 1.33 | 304 | 130 | |
| | 1 | Mocowanie słupka | 5 | 1.33 | 6.65 | | | |
| | | Bariera nr 5 | 1 | 119.87 | 119.87 | | | |
| | 4.2 | Poręcz R57x5 | 1 | 24.36 | 24.36 | 304 | 3800 | |
| | 3.2 | Poprzeczki R38x4 | 4 | 6.06 | 24.24 | 304 | 1808 | |
| | 2 | Słupki R57x5 | 3 | 7.00 | 21.00 | 304 | 1090 | |
| | 1.2 | kotwa wklejana M10 | 4 | ---- | ---- | | pręt 110 | |
| | 1.1 | pl. 130x10 | 1 | 1.33 | 1.33 | 304 | 130 | |
| | 1 | Mocowanie słupka | 3 | 1.33 | 3.99 | | | |
| | | Bariera nr 4 | 1 | 73.50 | 73.50 | | | |
| | 4.2 | Poręcz R57x5 | 1 | 41.03 | 41.03 | 304 | 6400 | |
| | 3.2 | Poprzeczki R38x4 | 6 | 6.89 | 41.34 | 304 | 2058 | |
| | 2 | Słupki R57x5 | 4 | 7.00 | 28.00 | 304 | 1090 | |
| | 1.2 | kotwa wklejana M10 | 4 | ---- | ---- | | pręt 110 | |
| | 1.1 | pl. 130x10 | 1 | 1.33 | 1.33 | 304 | 130 | |
| | 1 | Mocowanie słupka | 4 | 1.33 | 5.32 | | | |
| | | Bariera nr 3 | 1 | 115.69 | 115.69 | | | |
| | 4.2 | Poręcz R57x5 | 1 | 14.87 | 14.87 | 304 | 2320 | |
| | 3.2 | Poprzeczki R38x4 | 2 | 7.30 | 14.60 | 304 | 2178 | |
| | 2 | Słupki R57x5 | 2 | 7.00 | 14.00 | 304 | 1090 | |
| | 1.2 | kotwa wklejana M10 | 4 | ---- | ---- | | pręt 110 | |
| | 1.1 | pl. 130x10 | 1 | 1.33 | 1.33 | 304 | 130 | |
| | 1 | Mocowanie słupka | 2 | 1.33 | 2.66 | | | |
| | | Bariera nr 2 | 1 | 46.07 | 46.07 | | | |
| | 4.1 | Poręcz R57x5 | 1 | 24.20 | 24.20 | 304 | 3775 | |
| | 3.1 | Poprzeczki R38x4 | 4 | 5.96 | 23.84 | 304 | 1779 | |
| | 2a | Słupki R57x5 | 3 | 7.00 | 21.00 | 304 | 1090 | bariera na oczepie pochyłym |
| | 1.2 | kotwa wklejana M10 | 4 | ---- | ---- | | pręt 110 | |
| | 1.1 | pl. 130x10 | 1 | 1.33 | 1.33 | 304 | 130 | |
| | 1 | Mocowanie słupka | 3 | 1.33 | 3.99 | | | |
| | | Bariera nr 1 | 1 | 73.03 | 73.03 | | | |
| NORMA RYSUNEK | Poz. | Wyszczególnienie | Ilość szt | jednost. Masa w kg | całkowita | Materiał | Wymiar mm | Uwagi |

| | | | | | | | | |
|---------------|-------|-----------------------------------|-----------|--------------------|-----------|----------|-----------|-------------------|
| | 4.6.2 | Poręcz R57x5 | 1 | 7.44 | 7.44 | 304 | 1160 | montaż na budowie |
| | 3.6.3 | Poprzeczki R38x4 | 2 | 3.61 | 7.21 | 304 | 1078 | |
| | 2 | Słupki R57x5 | 1 | 7.00 | 7.00 | 304 | 1090 | |
| | 1.2 | kotwa wklejana M10 | 4 | ---- | ---- | | pręt 110 | |
| | 1.1 | pl. 130x10 | 1 | 1.33 | 1.33 | 304 | 130 | |
| | 1 | Mocowanie słupka | 1 | 1.33 | 1.33 | | | |
| | | Bariera nr 6 - część stała | kpl | 22.98 | 22.98 | | | |
| | 6.6 | linka stalowa do mocowania skobla | 1 | ---- | ---- | ---- | ---- | |
| | 6.5 | pręt d=12 | 1 | 0.23 | 0.23 | 304 | 255 | |
| | 6.4 | pl. 60/40x10 | 1 | 0.31 | 0.31 | 304 | 80 | |
| | 6.3 | pl. 30x10 | 1 | 0.10 | 0.10 | 304 | 40 | |
| | 6.2 | pl. 40x10 | 1 | 0.25 | 0.25 | 304 | 80 | |
| | 6.1 | krawężek d=70 mm gr. 6 mm | 1 | 0.23 | 0.23 | 304 | | |
| | 6 | Blokada | 1 | 1.12 | 1.12 | | | |
| | 5 | pl. 68x10 | 2 | 0.32 | 0.64 | 304 | 60 | |
| | 4.6.1 | Poręcz R57x5 | 1 | 9.43 | 9.43 | 304 | 1470 | |
| | 3.6.2 | R38x4 | 2 | 0.77 | 1.54 | 304 | 229 | |
| | 3.6.1 | R38x4 | 1 | 4.93 | 4.93 | 304 | 1470 | |
| | 3.6 | Poprzeczki | 1 | 6.47 | 6.47 | | | |
| | | Bariera nr 6 - otwierana | kpl | 17.66 | 17.66 | | | |
| NORMA RYSUNEK | Poz. | Wyszczególnienie | Ilość szt | jednost. Masa w kg | całkowita | Materiał | Wymiar mm | Uwagi |

Uwaga:
1. Elementy scalać przez spawanie:
poprzeczki do słupków spoina 3 mm
pozostałe elementy spoina 4 mm

| | | | | | | | |
|----------------------|----------------------------------------------------------------------------|------------|-----------|---------------|-----------------------------------------------------|--|--------|
| Zleciodawca | Gmina Miasta Gdańska ul. Nowe Ogrody 8/12 80-803 Gdańsk | Stadium | PW | Projekt | Budowa pompowni Rudniki przy ul. Zawodzie w Gdańsku | | |
| Pracownia Projektowa | Gdańskie Wody Spółka z o.o. 80-601 Gdańsk, ul. Andruszkiewicza 5 | Zlecenie | - | Data | 12.2021 | | |
| Projektował: | mgr inż. Waldemar Warzala | 4826/Gd/91 | | Część | Hydrotechniczna | | |
| Opracował: | | | | Skala | 1:100 | | |
| Sprawił: | mgr inż. Tadeusz Rozkwitalski | 3603/Gd/88 | | Numer rysunku | 6.5.4 | | |
| | | | | | | | Rew. 0 |