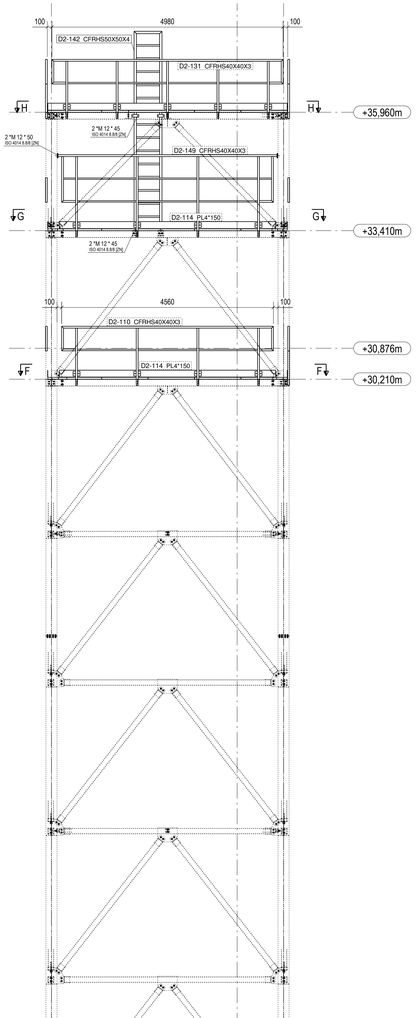

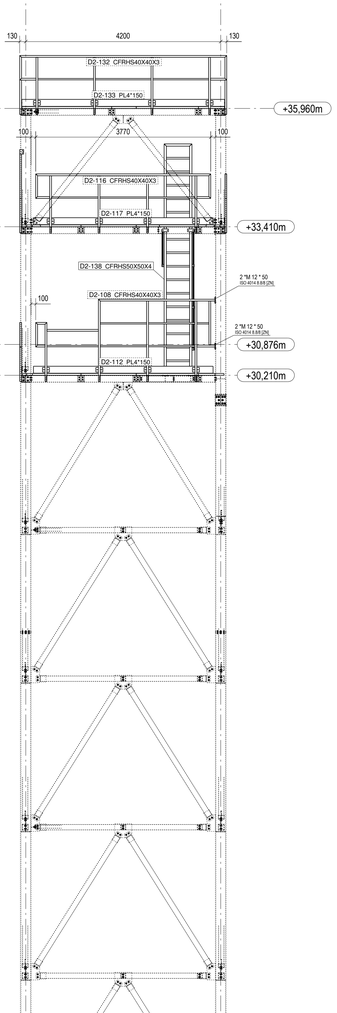

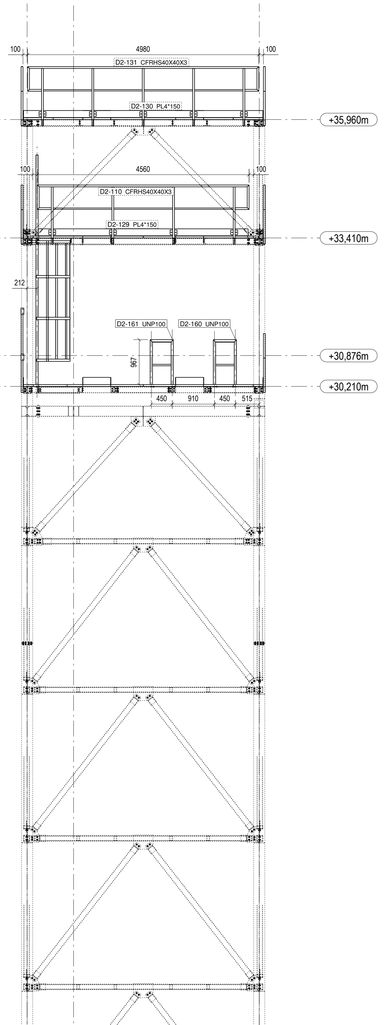

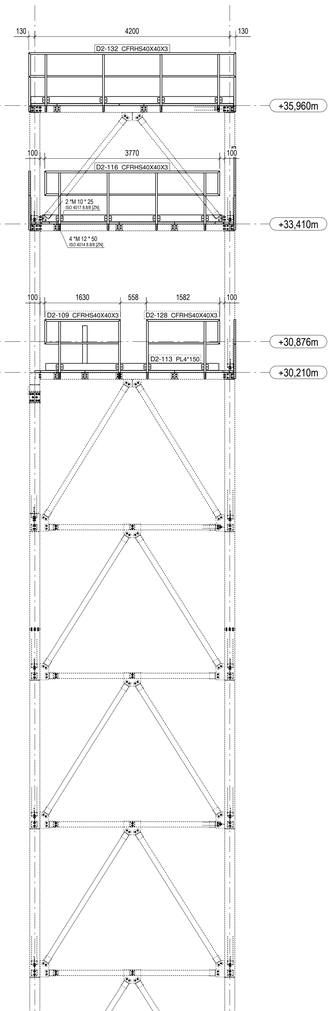

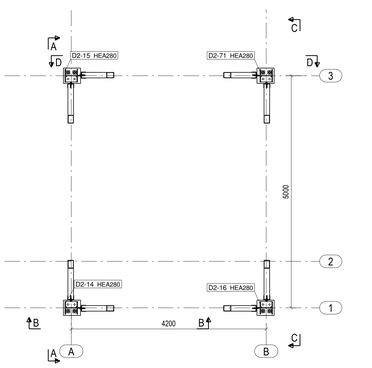

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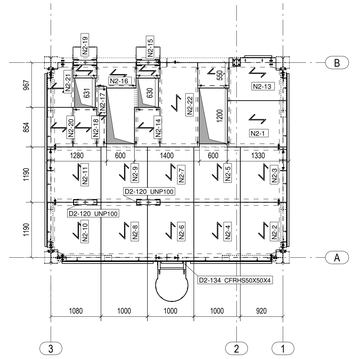
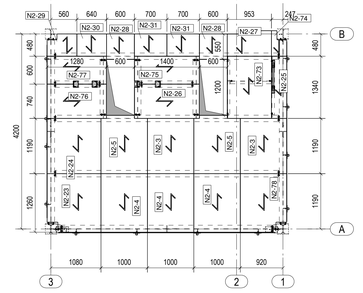
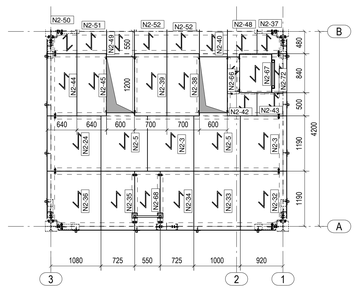


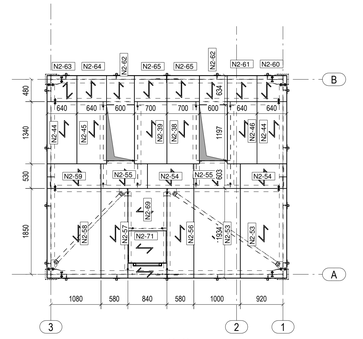
E - E



F - F

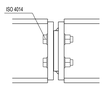


G - G



H - H

Pozycja	Sztuk	Opis	W x S x D	Ciężar [kg]	Uwagi:
D2-1	4	STĘŻENIE / CFRHS120X120X5	140 x 134 x 2777	212.4	
D2-14	1	SŁUP / HEA280	498 x 455 x 11895	981.5	
D2-15	1	SŁUP / HEA280	498 x 455 x 11895	981.5	
D2-16	1	SŁUP / HEA280	498 x 502 x 11895	997.2	
D2-71	1	SŁUP / HEA280	498 x 502 x 11895	997.2	
D2-88	4	STĘŻENIE / CFRHS120X120X5	140 x 134 x 3066	233.2	
D2-95	2	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 3730	92.3	
D2-102	2	BLACHA / PL4*150	150 x 4 x 3730	35.1	
D2-103	1	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 1965	25.6	
D2-104	1	BLACHA / PL4*150	150 x 4 x 2040	9.6	
D2-105	1	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 640	15.9	
D2-106	1	BLACHA / PL4*150	150 x 4 x 720	3.4	
D2-108	1	BALUSTRADA / CFRHS40X40X3	1823 x 107 x 3870	66.8	
D2-109	1	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 1685	21.7	
D2-110	2	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 4560	101.6	
D2-112	1	BLACHA / PL4*150	150 x 4 x 3870	18.2	
D2-113	1	BLACHA / PL4*150	150 x 4 x 3730	17.6	
D2-114	2	BLACHA / PL4*150	150 x 4 x 4660	43.9	
D2-116	2	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 3770	92.7	
D2-117	2	BLACHA / PL4*150	150 x 4 x 3870	36.5	
D2-118	2	PODPORA REDLERA / UNP100	130 x 240 x 500	22.6	
D2-119	2	PODKŁADKA / PL2*85	85 x 2 x 100	0.3	
D2-120	2	PODPORA REDLERA / UNP100	110 x 240 x 500	22.0	
D2-128	1	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 1635	21.5	
D2-129	1	BLACHA / PL4*150	150 x 4 x 4520	21.3	
D2-130	2	BLACHA / PL4*150	150 x 4 x 5160	48.6	
D2-131	2	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 4680	117.0	
D2-132	2	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 4460	100.8	
D2-133	1	BLACHA / PL4*150	150 x 4 x 4368	41.1	
D2-134	1	CRABINA / CFRHS50X50X5	947 x 730 x 6100	130.2	
D2-135	1	BLACHA / PL4*150	150 x 4 x 1630	8.6	
D2-136	1	BALUSTRADA / CFRHS40X40X3	1273 x 102 x 1755	24.4	
D2-137	2	BORTNICA / PL4*150	150 x 76 x 88	1.5	
D2-138	1	CRABINA / CFRHS50X50X4	922 x 700 x 4992	100.1	
D2-142	1	CRABINA / CFRHS50X50X3	4294 x 700 x 284	67.5	
D2-147	1	BRAMKA / CFRHS40X40X3	530 x 48 x 516	6.5	
D2-149	1	BALUSTRADA / CFRHS40X40X3	1798 x 102 x 4736	79.6	
D2-152	16	PODKŁADKA / PL12*75	75 x 12 x 75	8.5	
D2-153	16	PODKŁADKA / PL10*75	75 x 10 x 75	7.1	PODKŁADKA
D2-154	48	PODKŁADKA / PL5*75	75 x 5 x 75	10.6	PODKŁADKA
D2-155	56	PODKŁADKA / PL2*75	75 x 2 x 75	8.5	PODKŁADKA
D2-160	1	PODPORA REDLERA / UNP100	143 x 1017 x 510	28.6	
D2-161	1	PODPORA REDLERA / UNP100	143 x 1017 x 553	28.6	
N-3	16	PODKŁADKA / WASHER M24	44 x 44 x 10	1.3	
N-4	16	NAKRĘTKA / NUT, M24	42 x 36 x 20	2.8	
N2-1	1	KO23413840x3 / BL407/1000	1000 x 195 x 1280	5.7	
N2-2	1	KO23413840x3 / BL407/1000	1000 x 40 x 1280	0.0	
N2-3	5	KO23413840x3 / BL407/1000	1000 x 40 x 1190	0.0	
N2-4	4	KO23413840x3 / BL407/1000	1000 x 40 x 1260	0.0	
N2-5	6	KO23413840x3 / BL407/1000	1000 x 195 x 1260	18.4	
N2-6	1	KO23413840x3 / BL407/1000	1000 x 40 x 1260	0.0	
N2-7	1	KO23413840x3 / BL407/1000	1000 x 40 x 1190	0.0	
N2-8	1	KO23413840x3 / BL407/1000	1000 x 40 x 1260	0.0	
N2-9	1	KO23413840x3 / BL407/1000	1000 x 195 x 1260	3.7	
N2-10	1	KO23413840x3 / BL407/1160	1160 x 40 x 1260	0.0	
N2-11	1	KO23413840x3 / BL407/1160	1160 x 40 x 1190	0.0	
N2-12	1	KO23413840x3 / BL407/560	550 x 195 x 673	3.7	
N2-13	1	KO23413840x3 / BL407/920	920 x 195 x 1280	1.7	
N2-14	1	KO23413840x3 / BL407/552	854 x 195 x 552	8.0	
N2-15	1	KO23413840x3 / BL407/516	673 x 195 x 516	5.7	
N2-16	1	KO23413840x3 / BL407/550	550 x 195 x 881	6.3	
N2-17	1	KO23413840x3 / BL407/245	245 x 195 x 1307	10.2	
N2-18	1	KO23413840x3 / BL407/514.5	854 x 195 x 515	2.8	
N2-19	1	KO23413840x3 / BL407/515	673 x 195 x 515	5.5	
N2-20	1	KO23413840x3 / BL407/556	854 x 40 x 556	0.0	
N2-21	1	KO23413840x3 / BL407/593	966 x 195 x 593	3.9	
N2-22	1	KO23413840x3 / BL407/885	885 x 195 x 1820	11.2	
N2-23	1	KO23413840x3 / BL407/1160	1160 x 40 x 1260	0.0	
N2-24	2	KO23413840x3 / BL407/1160	1160 x 40 x 1190	0.0	
N2-25	1	KO23413840x3 / BL407/327.5	1340 x 40 x 328	0.0	
N2-26	1	KO23413840x3 / BL407/740	1400 x 195 x 740	7.8	
N2-27	1	KO23413840x3 / BL407/550	550 x 40 x 953	0.0	
N2-28	2	KO23413840x3 / BL407/560	560 x 195 x 600	7.3	
N2-29	1	KO23413840x3 / BL407/480	480 x 40 x 640	0.0	
N2-30	1	KO23413840x3 / BL407/480	480 x 40 x 640	0.0	
N2-31	2	KO23413840x3 / BL407/480	480 x 40 x 700	0.0	
N2-32	1	KO23413840x3 / BL407/1000	1000 x 40 x 1270	0.0	
N2-33	1	KO23413840x3 / BL407/1000	1000 x 40 x 1270	0.0	
N2-34	1	KO23413840x3 / BL407/725	725 x 40 x 1270	0.0	
N2-35	1	KO23413840x3 / BL407/725	725 x 40 x 1270	0.0	
N2-36	1	KO23413840x3 / BL407/1160	1160 x 40 x 1270	0.0	
N2-37	1	KO23413840x3 / BL407/560	596 x 40 x 640	0.1	
N2-38	2	KO23413840x3 / BL407/700	1340 x 195 x 700	14.8	
N2-39	2	KO23413840x3 / BL407/700	1340 x 195 x 700	14.8	
N2-40	1	KO23413840x3 / BL407/604	620 x 195 x 604	3.7	
N2-42	1	KO23413840x3 / BL407/530	530 x 195 x 640	2.8	
N2-43	1	KO23413840x3 / BL407/499.8	500 x 40 x 640	0.0	
N2-44	3	KO23413840x3 / BL407/640	1340 x 40 x 640	0.0	
N2-45	2	KO23413840x3 / BL407/640	1340 x 195 x 640	14.8	
N2-46	1	KO23413840x3 / BL407/640	1340 x 195 x 640	7.4	
N2-48	1	KO23413840x3 / BL407/620	620 x 40 x 636	0.1	
N2-49	1	KO23413840x3 / BL407/600	620 x 195 x 600	3.7	
N2-50	1	KO23413840x3 / BL407/550	550 x 40 x 640	0.0	
N2-51	1	KO23413840x3 / BL407/550	550 x 40 x 640	0.0	
N2-52	2	KO23413840x3 / BL407/550	550 x 40 x 700	0.0	
N2-53	2	KO23413840x3 / BL407/1000	1000 x 40 x 1530	0.0	
N2-54	2	KO23413840x3 / BL407/530	1000 x 40 x 530	0.0	
N2-55	2	KO23413840x3 / BL407/600	1000 x 195 x 600	7.3	
N2-56	1	KO23413840x3 / BL407/580	580 x 40 x 1930	0.0	
N2-57	1	KO23413840x3 / BL407/580	596 x 40 x 1930	0.2	
N2-58	1	KO23413840x3 / BL407/1160	1160 x 40 x 1930	0.0	
N2-59	1	KO23413840x3 / BL407/530	1160 x 40 x 530	0.0	
N2-60	1	KO23413840x3 / BL407/560	560 x 40 x 640	0.0	
N2-61	1	KO23413840x3 / BL407/560	560 x 40 x 640	0.0	
N2-62	2	KO23413840x3 / BL407/600	630 x 195 x 600	7.3	
N2-63	1	KO23413840x3 / BL407/262.3	265 x 195 x 740	4.5	
N2-64	1	KO23413840x3 / BL407/560	560 x 40 x 640	0.0	
N2-65	2	KO23413840x3 / BL407/560	560 x 40 x 700	0.0	
N2-66	1	KO23413840x3 / BL407/262.3	265 x 195 x 740	4.5	
N2-67	1	KO23413840x3 / BL407/687.5	835 x 40 x 688	0.2	
N2-68	1	KO23413840x3 / BL407/550	550 x 40 x 1270	0.0	
N2-69	1	KO23413840x3 / BL407/840	840 x 40 x 913	0.0	
N2-70	1	KO23413840x3 / BL407/317.5	840 x 40 x 318	0.0	
N2-71	1	KO23413840x3 / BL407/690	820 x 40 x 690	0.2	
N2-72	1	KO23413840x3 / BL407/317.5	318 x 40 x 840	0.0	
N2-73	1	KO23413840x3 / BL407/952.5	1340 x 195 x 953	7.4	
N2-74	1	KO23413840x3 / BL407/327.5	550 x 40 x 328	0.0	
N2-75	1	KO23413840x3 / BL407/600	1400 x 195 x 600	6.1	
N2-76	1	KO23413840x3 / BL407/740	1280 x 195 x 740	4.1	
N2-77	1	KO23413840x3 / BL407/600	1280 x 195 x 600	3.3	
N2-78	1	KO23413840x3 / BL407/1000	1000 x 40 x 1280	0.0	
		Waga całkowita [kg]:		6097.8	



UWAGA:
1. WYKONANIE I MONTAŻ WG PN-EN 1090-2

2. ROZPATRYWAĆ ŁĄCZNIE Z PROJEKTAMI BRANŻOWYMI

3. STAL KONSTRUKCJI S235JR
4. ŚRUBY KONSTRUKCJI GŁÓWNEJ: ISO 4014 kl. 8.8; ŚRUBY KONSTRUKCJI DRUGORZĘDNYCH: ISO 4014, ISO 4017 kl.8.8.

OZNAKOWANIE:
D1 - DOLNA ESTAKADA
D2 - WIEŻA
D3 - GÓRNA ESTAKADA

Rewizja:	Data:	Opis rewizji:	Opracował:	Sprawdził:

Jednostka projektowa:
WENGLORZ® Realizacje Wenglorz Sp. z o.o. Sp. k.
ul. Budowlana 2a
10-424 Olsztyn

Inwestor:
ADROS

Lokalizacja:
DZ. NR 763/3, 762/8, 762/14, 762/15
OBRĘB EWID.: 0001 DOBRZYCA MIASTO,
63-330 DOBRZYCA

Inwestycja:
BUDOWA II CZĘŚCI
MAGAZYNU SIŁOSOWEGO

Tytuł rysunku:
WIEŻA BALUSTRADY, KRATY
ETAP II

FAZA PROJEKTU / STADIUM:

Projektant: mgr inż. G. Jasinowicz
Podpis:

Opracował: mgr inż. K. Majewski

Sprawdził:

Data: 06.02.2019
Skala: 1:50

Numer projektu: 18077

Numer rysunku: MD-4
Rewizja: 0

Format: 1110x841