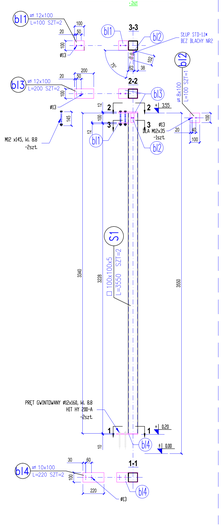
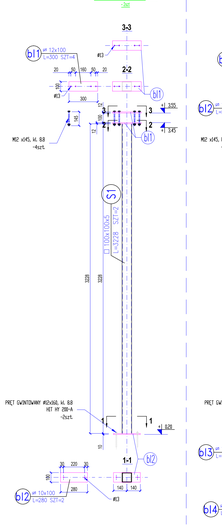
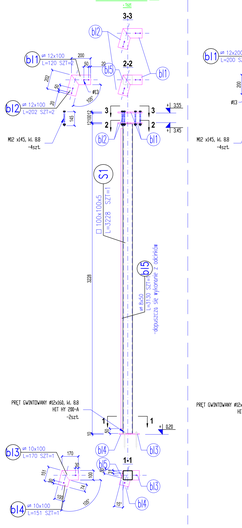
SŁUPY: STD-1.1 , STD-1.1* 1:20



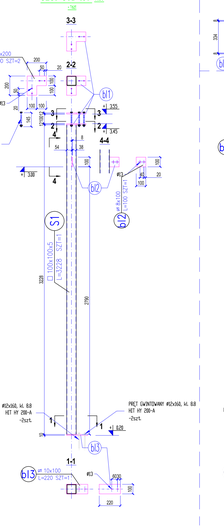
SŁUP STD-1.2 1:20



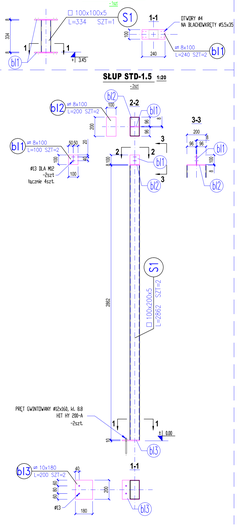
SŁUP STD-1.3 1:20



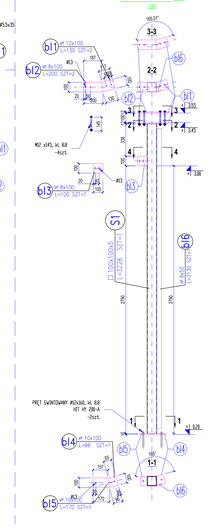
SŁUP STD-1.4 1:20



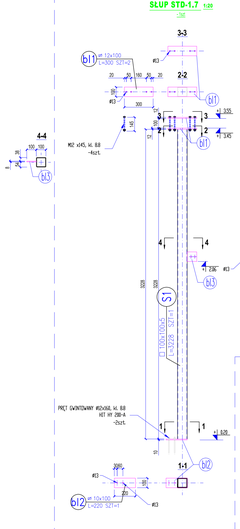
SŁUP STD-1.9 1:20



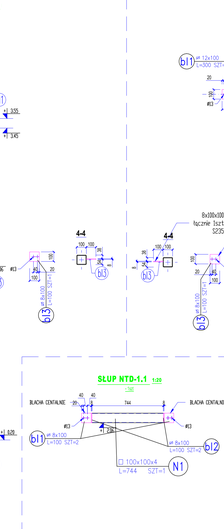
SŁUP STD-1.5 1:20



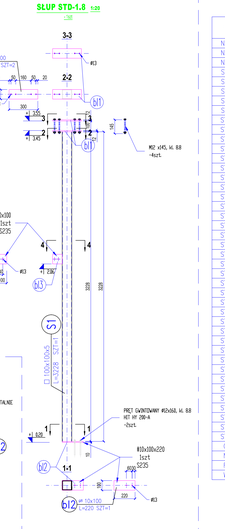
SŁUP STD-1.6 1:20



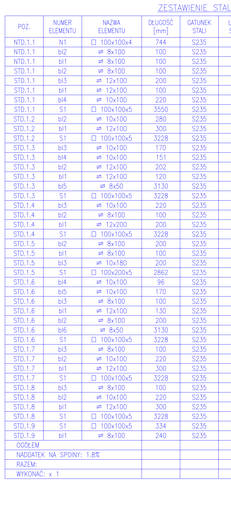
SŁUP STD-1.7 1:20



SŁUP NTD-1.1 1:20



SŁUP STD-1.8 1:20



ZESTAWIENIE STALI

POZ.	NUMER ELEMENTU	NAZWA ELEMENTU	DŁUGOŚĆ [mm]	GATUNEK STALI	LICZBA SZTUK	DŁ. RAZEM [m]	MASA JEDN. [kg/m]	MASA 1 ELEM. [kg]	MASA RAZEM [kg]
NTD.1.1	N1	□ 100x100x4	744	S235	1	0.74	11.90	8.85	8.85
NTD.1.1	b12	⇵ 8x100	100	S235	2	0.20	6.28	0.63	1.26
NTD.1.1	b11	⇵ 8x100	100	S235	2	0.20	6.28	0.63	1.26
STD.1.1	b12	⇵ 8x100	100	S235	1	0.10	6.28	0.63	0.63
STD.1.1	b13	⇵ 12x100	200	S235	2	0.40	9.42	1.88	3.77
STD.1.1	b11	⇵ 12x100	100	S235	2	0.20	9.42	0.94	1.88
STD.1.1	b14	⇵ 10x100	220	S235	2	0.44	7.85	1.73	3.45
STD.1.1	S1	□ 100x100x5	3550	S235	2	7.10	14.70	52.19	104.37
STD.1.2	b12	⇵ 10x100	280	S235	2	0.56	7.85	2.20	4.40
STD.1.2	b11	⇵ 12x100	300	S235	4	1.20	9.42	2.83	11.30
STD.1.2	S1	□ 100x100x5	3228	S235	2	6.46	14.70	47.45	94.90
STD.1.3	b13	⇵ 10x100	170	S235	1	0.17	7.85	1.33	1.33
STD.1.3	b14	⇵ 10x100	151	S235	1	0.15	7.85	1.19	1.19
STD.1.3	b12	⇵ 12x100	202	S235	2	0.40	9.42	1.90	3.81
STD.1.3	b11	⇵ 12x100	120	S235	2	0.24	9.42	1.13	2.26
STD.1.3	b15	⇵ 8x50	3130	S235	1	3.13	3.14	9.83	9.83
STD.1.3	S1	□ 100x100x5	3228	S235	1	3.23	14.70	47.45	47.45
STD.1.4	b13	⇵ 10x100	220	S235	1	0.22	7.85	1.73	1.73
STD.1.4	b12	⇵ 8x100	100	S235	1	0.10	6.28	0.63	0.63
STD.1.4	b11	⇵ 12x200	200	S235	2	0.40	18.84	3.77	7.54
STD.1.4	S1	□ 100x100x5	3228	S235	1	3.23	14.70	47.45	47.45
STD.1.5	b12	⇵ 8x100	200	S235	2	0.40	6.28	1.26	2.51
STD.1.5	b11	⇵ 8x100	100	S235	2	0.20	6.28	0.63	1.26
STD.1.5	b13	⇵ 10x180	200	S235	2	0.40	14.13	2.83	5.65
STD.1.5	S1	□ 100x200x5	2862	S235	2	5.72	22.60	64.68	129.36
STD.1.6	b14	⇵ 10x100	96	S235	1	0.10	7.85	0.75	0.75
STD.1.6	b15	⇵ 10x100	170	S235	1	0.17	7.85	1.33	1.33
STD.1.6	b13	⇵ 8x100	100	S235	1	0.10	6.28	0.63	0.63
STD.1.6	b11	⇵ 12x100	130	S235	2	0.26	9.42	1.22	2.45
STD.1.6	b12	⇵ 8x100	200	S235	2	0.40	6.28	1.26	2.51
STD.1.6	b16	⇵ 8x50	3130	S235	1	3.13	3.14	9.83	9.83
STD.1.6	S1	□ 100x100x5	3228	S235	1	3.23	14.70	47.45	47.45
STD.1.7	b13	⇵ 8x100	100	S235	1	0.10	6.28	0.63	0.63
STD.1.7	b12	⇵ 10x100	220	S235	1	0.22	7.85	1.73	1.73
STD.1.7	b11	⇵ 12x100	300	S235	2	0.60	9.42	2.83	5.65
STD.1.7	S1	□ 100x100x5	3228	S235	1	3.23	14.70	47.45	47.45
STD.1.8	b13	⇵ 8x100	100	S235	1	0.10	6.28	0.63	0.63
STD.1.8	b12	⇵ 10x100	220	S235	1	0.22	7.85	1.73	1.73
STD.1.8	b11	⇵ 12x100	300	S235	2	0.60	9.42	2.83	5.65
STD.1.8	S1	□ 100x100x5	3228	S235	1	3.23	14.70	47.45	47.45
STD.1.9	S1	□ 100x100x5	334	S235	1	0.33	14.70	4.91	4.91
STD.1.9	b11	⇵ 8x100	240	S235	2	0.48	6.28	1.51	3.01
ODDZIELM									681.86
NADDATEK NA SPOINY: 1,8%									12.27
RAZEM:									694.13
WYKONAĆ: x 1									694.13

UWAGI I DANE MATERIAŁOWE:

1. wymiary podane w cm
2. stal dla elementów konstrukcji:
   - S235 (St3S) (rozpatrywać z dodatnim wykonawczym)
   - S235 (St3SX) (rozpatrywać z dodatnim wykonawczym)
   - S235 (St3SX) (profile zimnogięte RHS , SHS wg EN 10219, EN 10254)
   - S390 (płatwie dachowe)
   - śruby klasy 8.8 -nieocynkowane ; 10.9 -ocynkowane
   - kołwy klasy 8.8
   - elektrody rutylowe ogólnego stosowania (dawne: EA 1.46)
3. projektowane elementy stalowe, spawane wanizatowo i na montażu metodą MAG;
4. Wszystkie nieocynkowane spoiny:
   - a=0,7 mm (dla spoin jednostronnych)
   - a=0,5 mm (dla spoin dwustronnych)
   - a=3 mm (miejsc na a=0,2 mm
5. kontrola wizualna spoin 100%;
6. tolerancje:
   - tolerancja wykonania wg PN-EN ISO 13920 klasa tolerancji B/F;
   - tol klasy 1 wg PN-EN 1090-2
   - poziom jakości dla niezgodności spawalniczych C wg PN-EN 5817;
7. Szczegóły dotyczące ochrony antykorozyjnej wg cyt. K.2
8. Klasa rodzielności ogniowej dla poszczególnych elementów stalowych obiektu zgodna z klasą obiektu określoną w opisie technicznym arch.;
9. Klasa wykonania konstrukcji EXC2