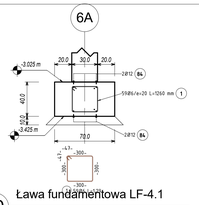
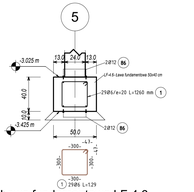


10 Ława fundamentowa LF-4.1
1 : 25



7 Ława fundamentowa LF-4.6
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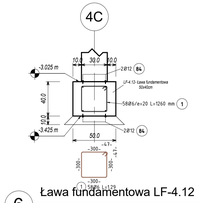

6 Ława fundamentowa LF-4.12
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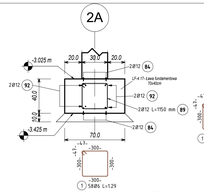
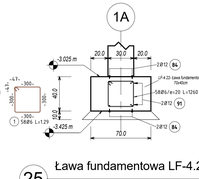
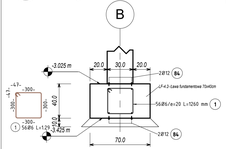


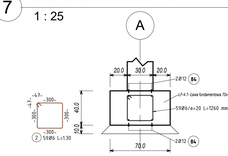
21 Ława fundamentowa LF-4.17
1 : 25



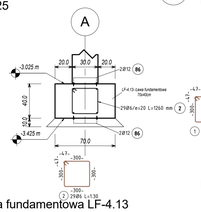
25 Ława fundamentowa LF-4.22
1 : 25



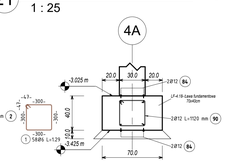
11 Ława fundamentowa LF-4.2
1 : 25



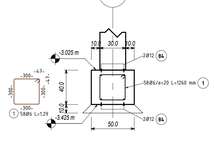
15 Ława fundamentowa LF-4.7
1 : 25



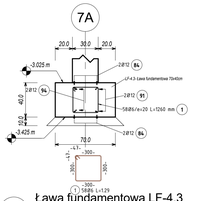
18 Ława fundamentowa LF-4.13
1 : 25



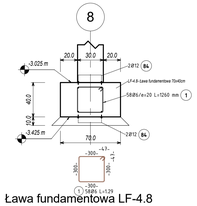
22 Ława fundamentowa LF-4.18
1 : 25



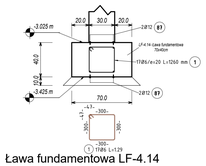
4 Ława fundamentowa LF-4.23
1 : 25



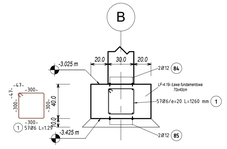
12 Ława fundamentowa LF-4.3
1 : 25



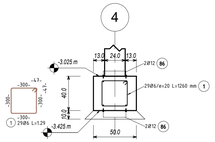
3 Ława fundamentowa LF-4.8
1 : 25



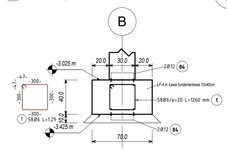
19 Ława fundamentowa LF-4.14
1 : 25



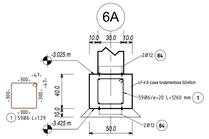
23 Ława fundamentowa LF-4.19
1 : 25



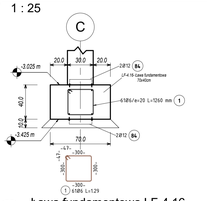
8 Ława fundamentowa LF-4.29
1 : 25



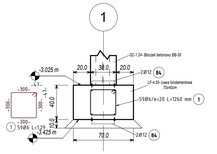
13 Ława fundamentowa LF-4.4
1 : 25



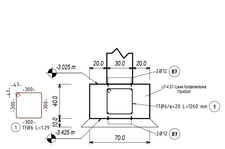
5 Ława fundamentowa LF-4.9
1 : 25



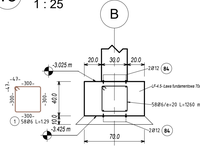
2 Ława fundamentowa LF-4.16
1 : 25



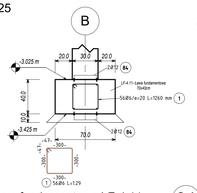
1 Ława fundamentowa LF-4.20
1 : 25



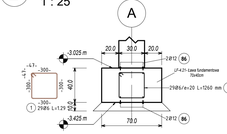
29 Ława fundamentowa LF-4.27
1 : 25



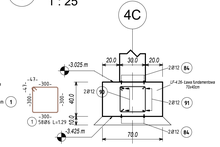
14 Ława fundamentowa LF-4.5
1 : 25



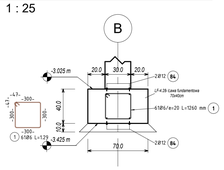
17 Ława fundamentowa LF-4.11
1 : 25



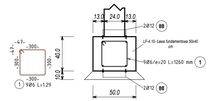
24 Ława fundamentowa LF-4.21
1 : 25



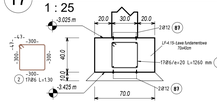
28 Ława fundamentowa LF-4.26
1 : 25



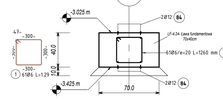
30 Ława fundamentowa LF-4.28
1 : 25



16 Ława fundamentowa LF-4.10
1 : 25



20 Ława fundamentowa LF-4.15
1 : 25



26 Ława fundamentowa LF-4.24
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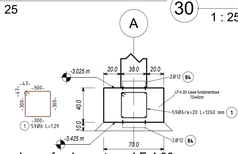
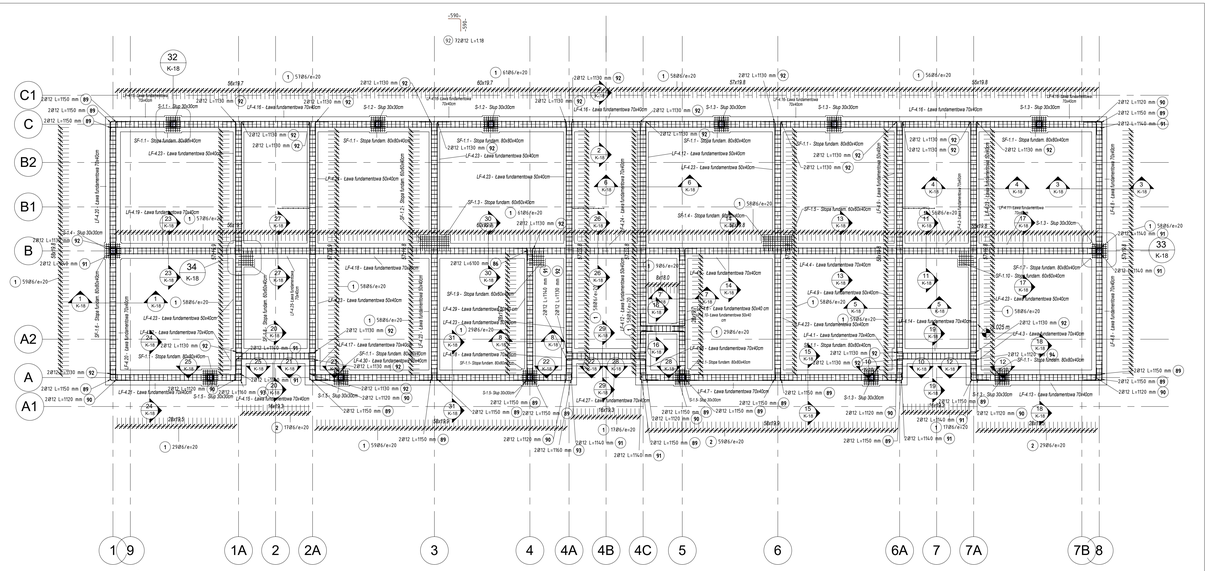
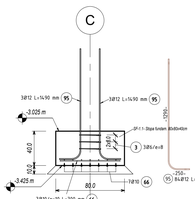


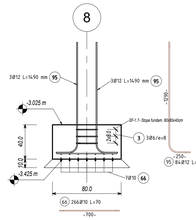
31 Ława fundamentowa LF-4.30
1 : 25



9 RZUT FUNDAMENTÓW-ZBROJENIE
1 : 100



35 SF-1.1 - przekrój 1
1 : 25



36 SF-1.7 - przekrój 1
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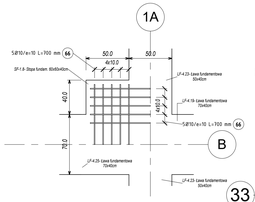
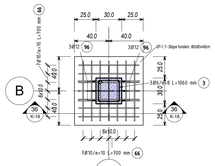


34 Stopa fundamentowa SF-1.8
1 : 25



33 Stopa fundamentowa SF-1.7
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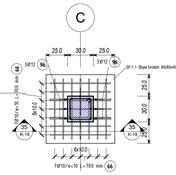
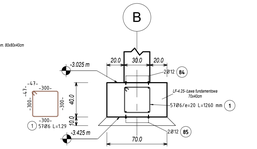


32 Stopa fundamentowa SF-1.1
1 : 25



27 Ława fundamentowa LF-4.25
1 : 25

Zestawienie fundamentów

Znak	Typ	Długość	Objętość
LF-4.1	Ława fundamentowa 70x40cm	150.0 cm	0.28 m³
LF-4.2	Ława fundamentowa 70x40cm	315.0 cm	0.92 m³
LF-4.3	Ława fundamentowa 70x40cm	150.0 cm	0.48 m³
LF-4.4	Ława fundamentowa 70x40cm	537.5 cm	1.55 m³
LF-4.5	Ława fundamentowa 70x40cm	597.5 cm	1.70 m³
LF-4.6	Ława fundamentowa 50x40 cm	560.0 cm	1.03 m³
LF-4.7	Ława fundamentowa 70x40cm	1195.0 cm	2.90 m³
LF-4.8	Ława fundamentowa 70x40cm	1180.0 cm	3.06 m³
LF-4.9	Ława fundamentowa 50x40cm	1065.0 cm	1.88 m³
LF-4.10	Ława fundamentowa 50x40 cm	155.5 cm	0.27 m³
LF-4.11	Ława fundamentowa 70x40cm	555.0 cm	1.46 m³
LF-4.12	Ława fundamentowa 50x40cm	1050.0 cm	1.88 m³
LF-4.13	Ława fundamentowa 70x40cm	555.0 cm	1.22 m³
LF-4.14	Ława fundamentowa 70x40cm	315.0 cm	0.77 m³
LF-4.15	Ława fundamentowa 70x40cm	315.0 cm	0.77 m³
LF-4.16	Ława fundamentowa 70x40cm	4595.0 cm	11.52 m³
LF-4.17	Ława fundamentowa 70x40cm	120.2 cm	0.48 m³
LF-4.18	Ława fundamentowa 70x40cm	867.0 cm	2.05 m³
LF-4.19	Ława fundamentowa 70x40cm	545.0 cm	1.46 m³
LF-4.20	Ława fundamentowa 70x40cm	1210.0 cm	3.28 m³
LF-4.21	Ława fundamentowa 70x40cm	555.0 cm	1.41 m³
LF-4.22	Ława fundamentowa 50x40cm	150.2 cm	0.28 m³
LF-4.23	Ława fundamentowa 50x40cm	6571.7 cm	11.86 m³
LF-4.24	Ława fundamentowa 70x40cm	315.0 cm	0.97 m³
LF-4.25	Ława fundamentowa 70x40cm	315.0 cm	0.93 m³
LF-4.26	Ława fundamentowa 70x40cm	100.0 cm	0.28 m³
LF-4.27	Ława fundamentowa 70x40cm	315.0 cm	1.06 m³
LF-4.28	Ława fundamentowa 70x40cm	405.0 cm	1.07 m³
LF-4.29	Ława fundamentowa 50x40 cm	560.0 cm	1.14 m³
LF-4.30	Ława fundamentowa 70x40cm	1195.0 cm	2.90 m³
SF-1.1	Stopa fundam. 80x80x40cm	960.0 cm	3.07 m³
SF-1.2	Stopa fundam. 60x60x40cm	60.0 cm	0.14 m³
SF-1.3	Stopa fundam. 60x60x40cm	60.0 cm	0.14 m³
SF-1.4	Stopa fundam. 60x60x40cm	60.0 cm	0.14 m³
SF-1.5	Stopa fundam. 60x60x40cm	60.0 cm	0.14 m³
SF-1.6	Stopa fundam. 80x80x40cm	80.0 cm	0.26 m³
SF-1.7	Stopa fundam. 80x80x40cm	80.0 cm	0.26 m³
SF-1.8	Stopa fundam. 60x60x40cm	60.0 cm	0.14 m³
SF-1.9	Stopa fundam. 60x60x40cm	60.0 cm	0.14 m³
SF-1.10	Stopa fundam. 60x60x40cm	60.0 cm	0.14 m³

Zestawienie zbrojenia-fundamemnty

Nr zbrojenia	Typ	Liczba	Ilość wg. zest. zbroj.	Długość pręta	Całkowita dług. pr.	Ciężar jedn.	Ciężar
1	6 A-IIIN	25	1235	1260 mm	1556.100 m	0.222 kg/m	345.45 kg
2	6 A-IIIN	3	105	1260 mm	132.300 m	0.222 kg/m	29.37 kg
3	6 A-IIIN	14	42	1060 mm	44.520 m	0.222 kg/m	9.88 kg
66	10 A-IIIN	42	266	700 mm	186.200 m	0.617 kg/m	114.89 kg
84	12 A-IIIN	38	76	12000 mm	912.000 m	0.888 kg/m	809.86 kg
85	12 A-IIIN	2	4	11850 mm	47.400 m	0.888 kg/m	42.09 kg
86	12 A-IIIN	8	16	6100 mm	97.600 m	0.888 kg/m	86.67 kg
87	12 A-IIIN	6	12	3680 mm	44.160 m	0.888 kg/m	39.21 kg
88	12 A-IIIN	2	4	2030 mm	8.120 m	0.888 kg/m	7.21 kg
89	12 A-IIIN	19	38	1150 mm	43.700 m	0.888 kg/m	38.81 kg
90	12 A-IIIN	9	18	1120 mm	20.160 m	0.888 kg/m	17.90 kg
91	12 A-IIIN	11	22	1140 mm	25.080 m	0.888 kg/m	22.27 kg
92	12 A-IIIN	36	72	1130 mm	81.360 m	0.888 kg/m	72.25 kg
93	12 A-IIIN	2	4	1160 mm	4.640 m	0.888 kg/m	4.12 kg
94	12 A-IIIN	1	2	1120 mm	2.240 m	0.888 kg/m	1.99 kg
95	12 A-IIIN	28	84	1490 mm	125.160 m	0.888 kg/m	111.14 kg
			2000		3330.740 m		1753.11 kg

BETON C30/37 (B-37)
STAL A-IIIN (RB500)
OTULINA
- fundamenty 5cm
- pozostałe elementy 2,5cm
- stropy gęstożebrowe na belkach sprężanych RECTOR 20+5
- ściany murowane z pustaków Porotherm P+W
kat. 1 o f_k=15MPa na zaprawie zwykłej klasy min. M5
kategoria wykonania robót A
- ściany pwnie murowane z bloczków betonowych BB-30
kat. 1 o f_k=25MPa na zaprawie cementowej klasy min. M10
kategoria wykonania robót A

UWAGA:
- projekt opatrywać opem z projektem architektonicznym
- projektami branżowymi
- izolacja przeciwwilgociowa fundamentów wykonać jako bitumiczną
- pod ścianami parteru wykonać izolację przeciwwilgociową z Dylatacji na styku
- pod fundamentami wykonać podkład betonowy gr. 10cm z betonu C8/10
- projekcja instalacyjna przez ściany fundamentowe wykonać za pomocą przewertu. Zabrania się wykonywania przebicć

BUDOTECH
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47-100 Kietrzanie ul. Stara Piecówka 8
tel. kom. 510190802, e-mail: biuro@budotech.pl
BIURO PROJEKTOWE:
45-057 Opole ul. Jesionowa 15/2

projekt: PROJEKT BUDOWLANY BUDYNKU MIESZKALNEGO WIELORODZINNEGO

temat: ZBROJENIE FUNDAMENTÓW

obiekt: BUDYNEK MIESZKALNY WIELORODZINNY KATEGORIA OBIEKTU - XII

lokalizacja: STRZELCE OP. UL. BOCZNICZOWA DZ. NR 230/83

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