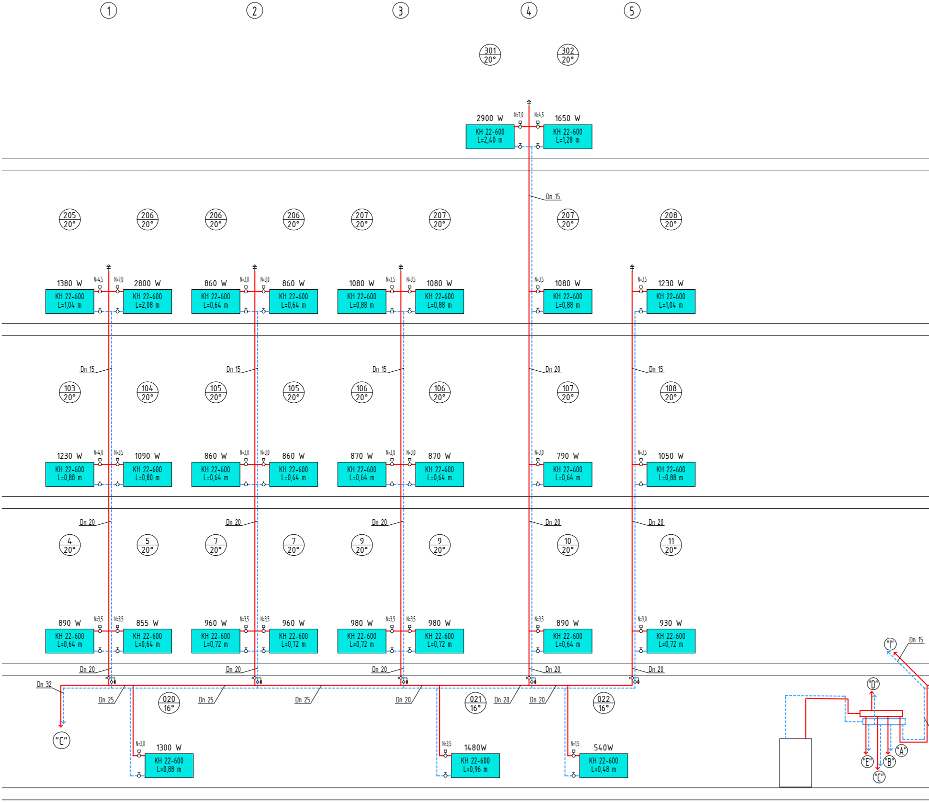
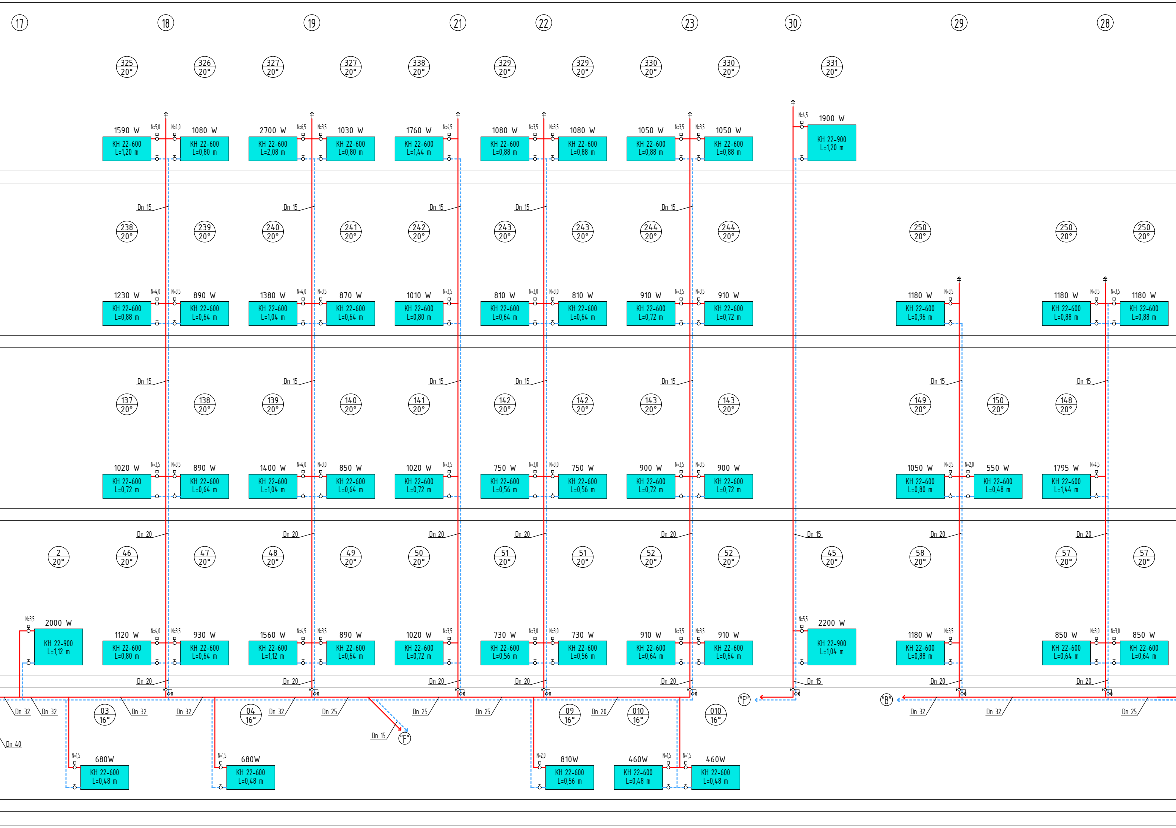
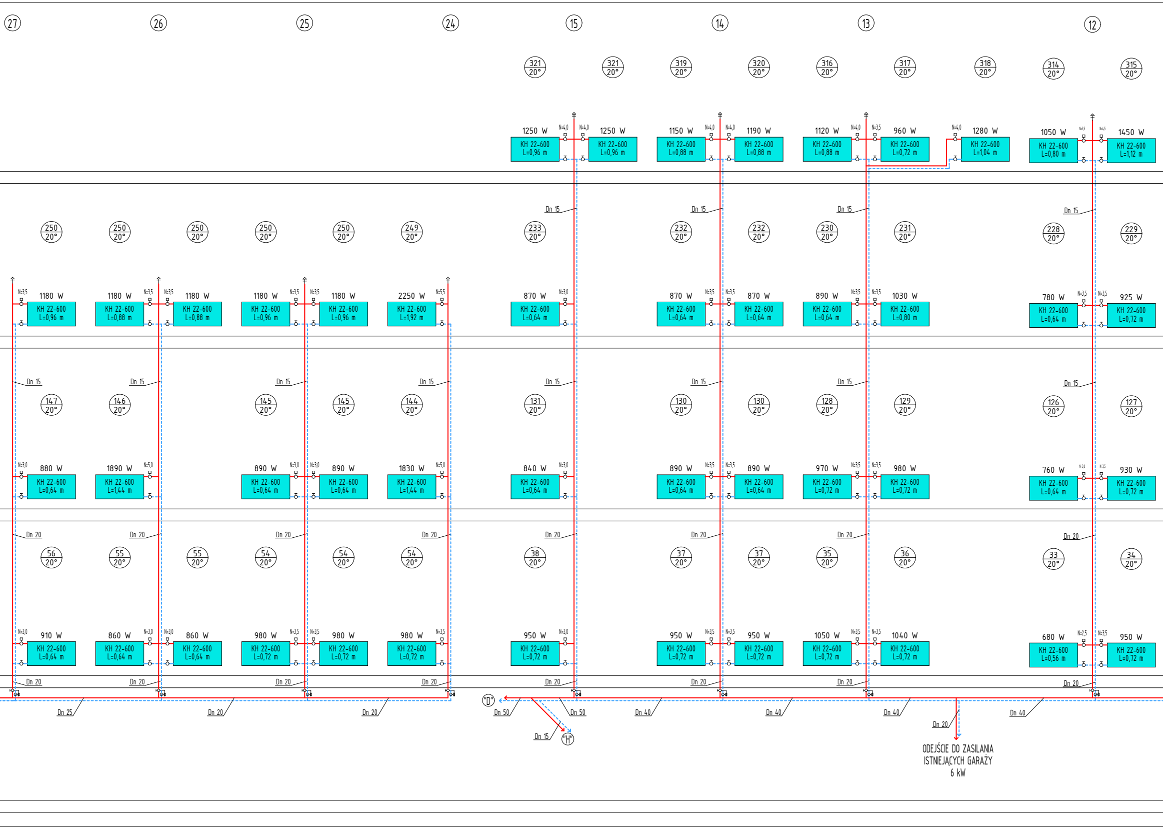
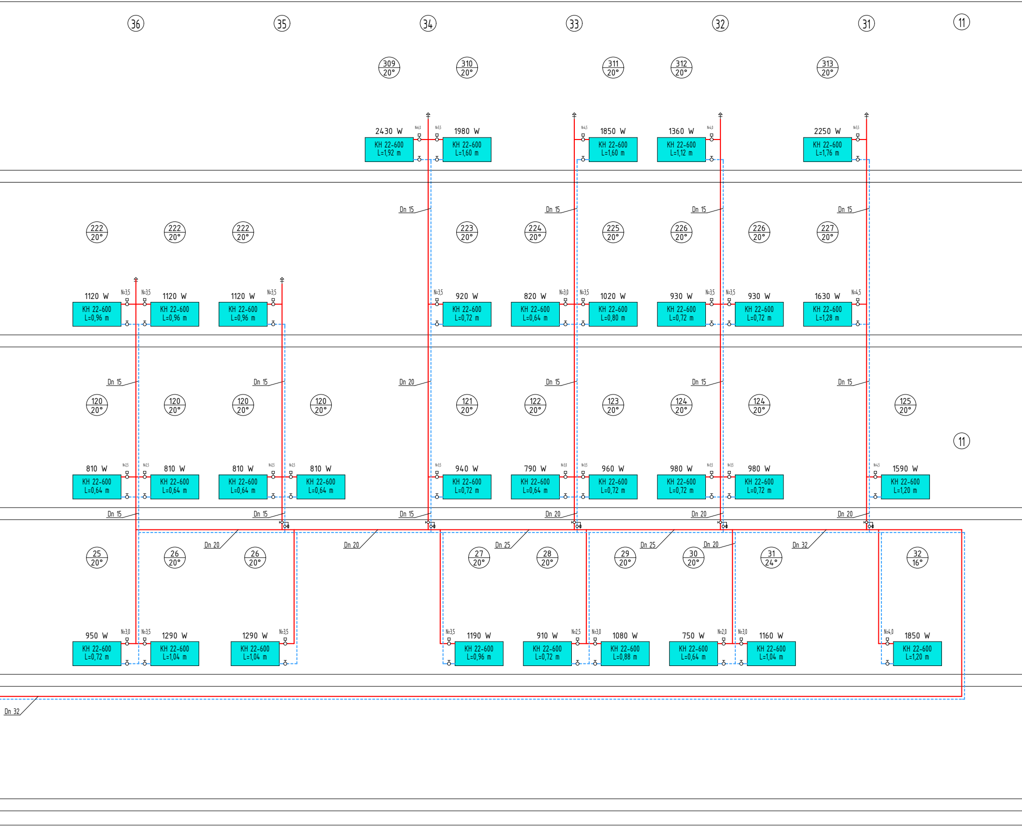
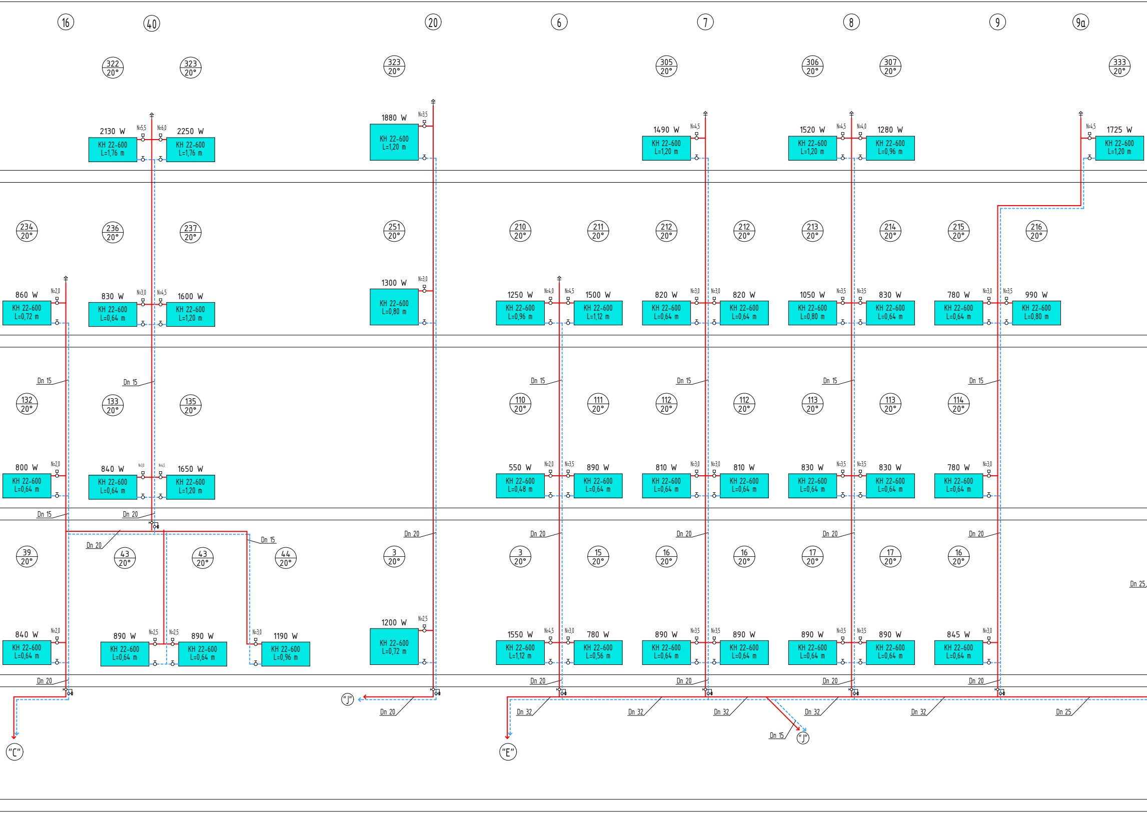

1
2
3
4
5
301 20°
302 20°
2900 W
N=7,0
N=4,5
1650 W
KH 22-600 L=2,40 m
KH 22-600 L=1,28 m
Dn 15
205 20°
206 20°
206 20°
206 20°
207 20°
207 20°
207 20°
208 20°
1380 W
N=4,5
N=7,0
2800 W
KH 22-600 L=1,04 m
KH 22-600 L=2,08 m
860 W
N=3,0
N=3,0
860 W
KH 22-600 L=0,64 m
KH 22-600 L=0,64 m
1080 W
N=3,5
N=3,5
1080 W
KH 22-600 L=0,88 m
KH 22-600 L=0,88 m
N=3,5
1080 W
KH 22-600 L=0,88 m
N=3,5
1230 W
KH 22-600 L=1,04 m
Dn 15
Dn 15
Dn 15
Dn 20
Dn 15
103 20°
104 20°
105 20°
105 20°
106 20°
106 20°
107 20°
108 20°
1230 W
N=4,0
N=3,5
1090 W
KH 22-600 L=0,88 m
KH 22-600 L=0,80 m
860 W
N=3,0
N=3,0
860 W
KH 22-600 L=0,64 m
KH 22-600 L=0,64 m
870 W
N=3,0
N=3,0
870 W
KH 22-600 L=0,64 m
KH 22-600 L=0,64 m
N=3,0
790 W
KH 22-600 L=0,64 m
N=3,5
1050 W
KH 22-600 L=0,88 m
Dn 20
Dn 20
Dn 20
Dn 20
Dn 20
4 20°
5 20°
7 20°
7 20°
9 20°
9 20°
10 20°
11 20°
890 W
N=3,5
N=3,5
855 W
KH 22-600 L=0,64 m
KH 22-600 L=0,64 m
960 W
N=3,5
N=3,5
960 W
KH 22-600 L=0,72 m
KH 22-600 L=0,72 m
980 W
N=3,5
N=3,5
980 W
KH 22-600 L=0,72 m
KH 22-600 L=0,72 m
N=3,5
890 W
KH 22-600 L=0,64 m
N=3,0
930 W
KH 22-600 L=0,72 m
Dn 20
Dn 20
Dn 20
Dn 20
Dn 20
Dn 32
Dn 25
020 16°
Dn 25
Dn 25
Dn 20
021 16°
Dn 20
Dn 20
022 16°
"C"
N=3,0
1300 W
KH 22-600 L=0,88 m
N=3,5
1480W
KH 22-600 L=0,96 m
N=1,5
540W
KH 22-600 L=0,48 m
"I"
Dn 15
"D"
"A"
"E"
"B"
"C"

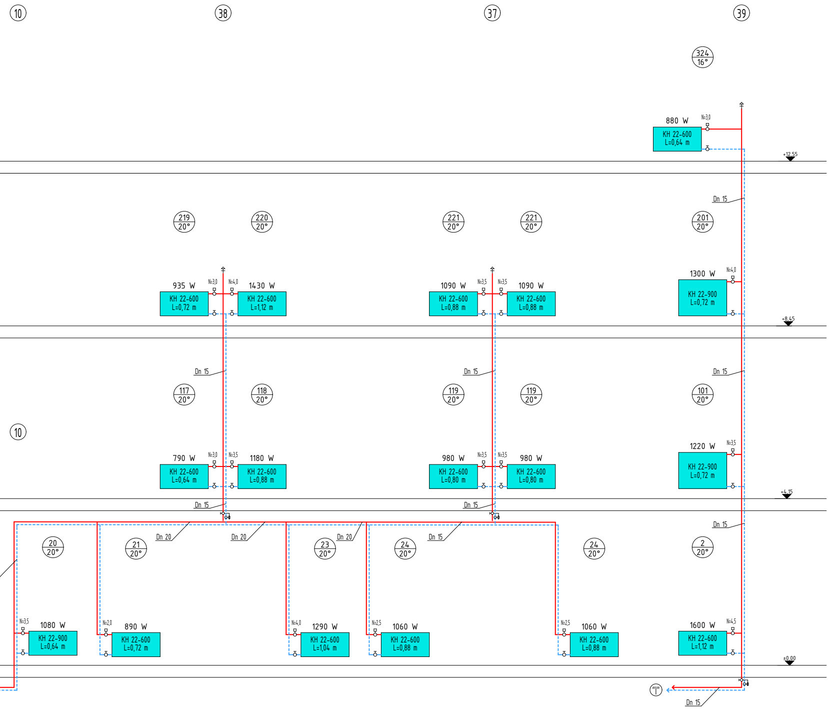


17
18
19
21
22
23
30
29
28
325 20°
326 20°
327 20°
327 20°
338 20°
329 20°
329 20°
330 20°
330 20°
331 20°
1590 W
N=5,0
N=4,0
1080 W
KH 22-600 L=1,20 m
KH 22-600 L=0,80 m
2700 W
N=6,5
N=3,5
1030 W
KH 22-600 L=2,08 m
KH 22-600 L=0,80 m
1760 W
N=4,5
KH 22-600 L=1,44 m
1080 W
N=3,5
N=3,5
1080 W
KH 22-600 L=0,88 m
KH 22-600 L=0,88 m
1050 W
N=3,5
N=3,5
1050 W
KH 22-600 L=0,88 m
KH 22-600 L=0,88 m
N=4,5
1900 W
KH 22-900 L=1,20 m
Dn 15
Dn 15
Dn 15
Dn 15
Dn 15
238 20°
239 20°
240 20°
241 20°
242 20°
243 20°
243 20°
244 20°
244 20°
250 20°
250 20°
250 20°
1230 W
N=4,0
N=3,5
890 W
KH 22-600 L=0,88 m
KH 22-600 L=0,64 m
1380 W
N=4,0
N=3,5
870 W
KH 22-600 L=1,04 m
KH 22-600 L=0,64 m
1010 W
N=3,5
KH 22-600 L=0,80 m
810 W
N=3,0
N=3,0
810 W
KH 22-600 L=0,64 m
KH 22-600 L=0,64 m
910 W
N=3,5
N=3,5
910 W
KH 22-600 L=0,72 m
KH 22-600 L=0,72 m
1180 W
N=3,5
KH 22-600 L=0,96 m
1180 W
N=3,5
N=3,5
1180 W
KH 22-600 L=0,88 m
KH 22-600 L=0,88 m
Dn 15
Dn 15
Dn 15
Dn 15
Dn 15
Dn 15
Dn 15
137 20°
138 20°
139 20°
140 20°
141 20°
142 20°
142 20°
143 20°
143 20°
149 20°
150 20°
148 20°
1020 W
N=3,5
N=3,5
890 W
KH 22-600 L=0,72 m
KH 22-600 L=0,64 m
1400 W
N=4,0
N=3,0
850 W
KH 22-600 L=1,04 m
KH 22-600 L=0,64 m
1020 W
N=3,5
KH 22-600 L=0,72 m
750 W
N=3,0
N=3,0
750 W
KH 22-600 L=0,56 m
KH 22-600 L=0,56 m
900 W
N=3,5
N=3,5
900 W
KH 22-600 L=0,72 m
KH 22-600 L=0,72 m
1050 W
N=3,5
N=2,0
550 W
KH 22-600 L=0,80 m
KH 22-600 L=0,48 m
1795 W
N=4,5
KH 22-600 L=1,44 m
Dn 20
Dn 20
Dn 20
Dn 20
Dn 20
Dn 15
Dn 20
Dn 20
2 20°
46 20°
47 20°
48 20°
49 20°
50 20°
51 20°
51 20°
52 20°
52 20°
45 20°
58 20°
57 20°
57 20°
N=3,5
2000 W
KH 22-900 L=1,12 m
1120 W
N=4,0
N=3,5
930 W
KH 22-600 L=0,80 m
KH 22-600 L=0,64 m
1560 W
N=4,5
N=3,5
890 W
KH 22-600 L=1,12 m
KH 22-600 L=0,64 m
1020 W
N=3,5
KH 22-600 L=0,72 m
730 W
N=3,0
N=3,0
730 W
KH 22-600 L=0,56 m
KH 22-600 L=0,56 m
910 W
N=3,5
N=3,5
910 W
KH 22-600 L=0,64 m
KH 22-600 L=0,64 m
N=5,5
2200 W
KH 22-900 L=1,04 m
1180 W
N=3,5
KH 22-600 L=0,88 m
850 W
N=3,0
N=3,0
850 W
KH 22-600 L=0,64 m
KH 22-600 L=0,64 m
Dn 20
Dn 20
Dn 20
Dn 20
Dn 20
Dn 15
Dn 20
Dn 20
"F"
"B"
Dn 32
Dn 32
Dn 32
Dn 32
Dn 32
Dn 25
Dn 25
Dn 25
Dn 20
Dn 32
Dn 32
Dn 25
Dn 40
03 16°
04 16°
09 16°
010 16°
010 16°
Dn 15
"F"
N=1,5
680W
KH 22-600 L=0,48 m
N=1,5
680W
KH 22-600 L=0,48 m
N=2,0
810W
KH 22-600 L=0,56 m
460W
N=1,5
N=1,5
460W
KH 22-600 L=0,48 m
KH 22-600 L=0,48 m


27
26
25
24
15
14
13
12
321 20°
321 20°
319 20°
320 20°
316 20°
317 20°
318 20°
314 20°
315 20°
1250 W
KH 22-600 L=0,96 m
1250 W
KH 22-600 L=0,96 m
1150 W
KH 22-600 L=0,88 m
1190 W
KH 22-600 L=0,88 m
1120 W
KH 22-600 L=0,88 m
960 W
KH 22-600 L=0,72 m
1280 W
KH 22-600 L=1,04 m
1050 W
KH 22-600 L=0,80 m
1450 W
KH 22-600 L=1,12 m
Dn 15
250 20°
250 20°
250 20°
250 20°
250 20°
249 20°
233 20°
232 20°
232 20°
230 20°
231 20°
228 20°
229 20°
1180 W
KH 22-600 L=0,96 m
1180 W
KH 22-600 L=0,88 m
1180 W
KH 22-600 L=0,88 m
1180 W
KH 22-600 L=0,96 m
1180 W
KH 22-600 L=0,96 m
2250 W
KH 22-600 L=1,92 m
870 W
KH 22-600 L=0,64 m
870 W
KH 22-600 L=0,64 m
870 W
KH 22-600 L=0,64 m
890 W
KH 22-600 L=0,64 m
1030 W
KH 22-600 L=0,80 m
780 W
KH 22-600 L=0,64 m
925 W
KH 22-600 L=0,72 m
147 20°
146 20°
145 20°
145 20°
144 20°
131 20°
130 20°
130 20°
128 20°
129 20°
126 20°
127 20°
880 W
KH 22-600 L=0,64 m
1890 W
KH 22-600 L=1,44 m
890 W
KH 22-600 L=0,64 m
890 W
KH 22-600 L=0,64 m
1830 W
KH 22-600 L=1,44 m
840 W
KH 22-600 L=0,64 m
890 W
KH 22-600 L=0,64 m
890 W
KH 22-600 L=0,64 m
970 W
KH 22-600 L=0,72 m
980 W
KH 22-600 L=0,72 m
760 W
KH 22-600 L=0,64 m
930 W
KH 22-600 L=0,72 m
Dn 20
56 20°
55 20°
55 20°
54 20°
54 20°
54 20°
38 20°
37 20°
37 20°
35 20°
36 20°
33 20°
34 20°
910 W
KH 22-600 L=0,64 m
860 W
KH 22-600 L=0,64 m
860 W
KH 22-600 L=0,64 m
980 W
KH 22-600 L=0,72 m
980 W
KH 22-600 L=0,72 m
980 W
KH 22-600 L=0,72 m
950 W
KH 22-600 L=0,72 m
950 W
KH 22-600 L=0,72 m
950 W
KH 22-600 L=0,72 m
1050 W
KH 22-600 L=0,72 m
1040 W
KH 22-600 L=0,72 m
680 W
KH 22-600 L=0,56 m
950 W
KH 22-600 L=0,72 m
N=3,0
N=3,5
N=4,0
N=5,0
N=5,5
N=2,5
Dn 25
Dn 20
Dn 20
"D"
Dn 50
Dn 50
Dn 15
"H"
Dn 40
Dn 40
Dn 40
Dn 20
Dn 40
ODEJŚCIE DO ZASILANIA
ISTNIEJĄCYCH GARAŻY
6 kW


36
35
34
33
32
31
11
309 20°
310 20°
311 20°
312 20°
313 20°
2430 W
KH 22-600 L=1,92 m
N=6,0
N=5,5
1980 W
KH 22-600 L=1,60 m
N=4,5
1850 W
KH 22-600 L=1,60 m
1360 W
KH 22-600 L=1,12 m
N=4,0
2250 W
KH 22-600 L=1,76 m
N=5,5
Dn 15
Dn 15
Dn 15
Dn 15
222 20°
222 20°
222 20°
223 20°
224 20°
225 20°
226 20°
226 20°
227 20°
1120 W
KH 22-600 L=0,96 m
N=3,5
N=3,5
1120 W
KH 22-600 L=0,96 m
1120 W
KH 22-600 L=0,96 m
N=3,5
N=3,5
920 W
KH 22-600 L=0,72 m
820 W
KH 22-600 L=0,64 m
N=3,0
N=3,5
1020 W
KH 22-600 L=0,80 m
930 W
KH 22-600 L=0,72 m
N=3,5
N=3,5
930 W
KH 22-600 L=0,72 m
1630 W
KH 22-600 L=1,28 m
N=4,5
Dn 15
Dn 15
Dn 20
Dn 15
Dn 15
Dn 15
120 20°
120 20°
120 20°
120 20°
121 20°
122 20°
123 20°
124 20°
124 20°
125 20°
11
810 W
KH 22-600 L=0,64 m
N=2,5
N=2,5
810 W
KH 22-600 L=0,64 m
810 W
KH 22-600 L=0,64 m
N=2,5
N=2,5
810 W
KH 22-600 L=0,64 m
N=3,5
940 W
KH 22-600 L=0,72 m
790 W
KH 22-600 L=0,64 m
N=3,0
N=3,5
960 W
KH 22-600 L=0,72 m
980 W
KH 22-600 L=0,72 m
N=3,5
N=3,5
980 W
KH 22-600 L=0,72 m
N=4,5
1590 W
KH 22-600 L=1,20 m
Dn 15
Dn 15
Dn 15
Dn 20
Dn 20
Dn 20
Dn 20
Dn 20
Dn 25
Dn 25
Dn 20
Dn 32
25 20°
26 20°
26 20°
27 20°
28 20°
29 20°
30 20°
31 24°
32 16°
950 W
KH 22-600 L=0,72 m
N=3,0
N=3,5
1290 W
KH 22-600 L=1,04 m
1290 W
KH 22-600 L=1,04 m
N=3,5
N=3,5
1190 W
KH 22-600 L=0,96 m
910 W
KH 22-600 L=0,72 m
N=2,5
N=3,0
1080 W
KH 22-600 L=0,88 m
750 W
KH 22-600 L=0,64 m
N=2,0
N=3,0
1160 W
KH 22-600 L=1,04 m
N=4,0
1850 W
KH 22-600 L=1,20 m
Dn 32


16
40
20
6
7
8
9
9a
322 20°
323 20°
323 20°
305 20°
306 20°
307 20°
333 20°
2130 W
KH 22-600 L=1,76 m
N=5,5
N=6,0
2250 W
KH 22-600 L=1,76 m
1880 W
KH 22-600 L=1,20 m
N=3,5
1490 W
KH 22-600 L=1,20 m
N=4,5
1520 W
KH 22-600 L=1,20 m
N=4,5
N=4,0
1280 W
KH 22-600 L=0,96 m
N=4,5
1725 W
KH 22-600 L=1,20 m
234 20°
236 20°
237 20°
251 20°
210 20°
211 20°
212 20°
212 20°
213 20°
214 20°
215 20°
216 20°
860 W
KH 22-600 L=0,72 m
N=2,0
830 W
KH 22-600 L=0,64 m
N=3,0
N=4,5
1600 W
KH 22-600 L=1,20 m
1300 W
KH 22-600 L=0,80 m
N=3,0
1250 W
KH 22-600 L=0,96 m
N=4,0
N=4,5
1500 W
KH 22-600 L=1,12 m
820 W
KH 22-600 L=0,64 m
N=3,0
N=3,0
820 W
KH 22-600 L=0,64 m
1050 W
KH 22-600 L=0,80 m
N=3,5
N=3,5
830 W
KH 22-600 L=0,64 m
780 W
KH 22-600 L=0,64 m
N=3,0
N=3,5
990 W
KH 22-600 L=0,80 m
Dn 15
Dn 15
Dn 15
Dn 15
Dn 15
Dn 15
132 20°
133 20°
135 20°
110 20°
111 20°
112 20°
112 20°
113 20°
113 20°
114 20°
800 W
KH 22-600 L=0,64 m
N=2,0
840 W
KH 22-600 L=0,64 m
N=3,0
N=4,5
1650 W
KH 22-600 L=1,20 m
550 W
KH 22-600 L=0,48 m
N=2,0
N=3,5
890 W
KH 22-600 L=0,64 m
810 W
KH 22-600 L=0,64 m
N=3,0
N=3,0
810 W
KH 22-600 L=0,64 m
830 W
KH 22-600 L=0,64 m
N=3,5
N=3,5
830 W
KH 22-600 L=0,64 m
780 W
KH 22-600 L=0,64 m
N=3,0
Dn 15
Dn 20
Dn 20
Dn 15
Dn 20
Dn 20
Dn 20
Dn 20
Dn 20
39 20°
43 20°
43 20°
44 20°
3 20°
3 20°
15 20°
16 20°
16 20°
17 20°
17 20°
16 20°
Dn 25
840 W
KH 22-600 L=0,64 m
N=2,0
890 W
KH 22-600 L=0,64 m
N=2,5
N=2,5
890 W
KH 22-600 L=0,64 m
N=3,0
1190 W
KH 22-600 L=0,96 m
1200 W
KH 22-600 L=0,72 m
N=2,5
1550 W
KH 22-600 L=1,12 m
N=4,5
N=3,0
780 W
KH 22-600 L=0,56 m
890 W
KH 22-600 L=0,64 m
N=3,5
N=3,5
890 W
KH 22-600 L=0,64 m
890 W
KH 22-600 L=0,64 m
N=3,5
N=3,5
890 W
KH 22-600 L=0,64 m
845 W
KH 22-600 L=0,64 m
N=3,0
Dn 20
Dn 20
Dn 20
Dn 20
Dn 20
Dn 20
"C"
"J"
Dn 20
Dn 32
Dn 32
Dn 32
Dn 32
Dn 32
Dn 32
"E"
Dn 15
"J"


⑩
㊳
㊲
㊴
324
16°
880 W
N=3,0
KH 22-600
L=0,64 m
+12,55
Dn 15
219
20°
220
20°
221
20°
221
20°
201
20°
935 W
N=3,0
N=4,0
1430 W
KH 22-600
L=0,72 m
KH 22-600
L=1,12 m
1090 W
N=3,5
N=3,5
1090 W
KH 22-600
L=0,88 m
KH 22-600
L=0,88 m
1300 W
N=4,0
KH 22-900
L=0,72 m
+8,45
Dn 15
Dn 15
Dn 15
117
20°
118
20°
119
20°
119
20°
101
20°
⑩
790 W
N=3,0
N=3,5
1180 W
KH 22-600
L=0,64 m
KH 22-600
L=0,88 m
980 W
N=3,5
N=3,5
980 W
KH 22-600
L=0,80 m
KH 22-600
L=0,80 m
1220 W
N=3,5
KH 22-900
L=0,72 m
+4,15
Dn 15
Dn 15
Dn 15
Dn 20
Dn 20
Dn 20
Dn 15
20
20°
21
20°
23
20°
24
20°
24
20°
2
20°
N=3,5
1080 W
KH 22-900
L=0,64 m
N=2,0
890 W
KH 22-600
L=0,72 m
N=4,0
1290 W
KH 22-600
L=1,04 m
N=2,5
1060 W
KH 22-600
L=0,88 m
N=2,5
1060 W
KH 22-600
L=0,88 m
1600 W
N=4,5
KH 22-600
L=1,12 m
±0,00
"I"
Dn 15

UWAGI:

1. WSZYSTKIE GAŁĄZKI Dn 15
2. KAŻDY PION ZAKOŃCZYĆ ODPOWIETRZNIKIEM AUTOMATYCZNYM.
3. ZAWORY PODPIONOWE REGULACYJNE ASV-PWSPÓŁPRACUJĄCE Z ASV-M DANFOSS LUB RÓWNOWAŻNE

Obiekt: BUDYNEK STAROSTWA POWIATOWEGO W JAROSŁAWIU	Nr rys: 6
Inwestor: STAROSTWO POWIATOWE W JAROSŁAWIU	Data: 12.2011
Nazwa rys: ROZWINIĘCIE INSTALACJI C.O.	Skala: 1 : 50
Projektant:	Podpis: