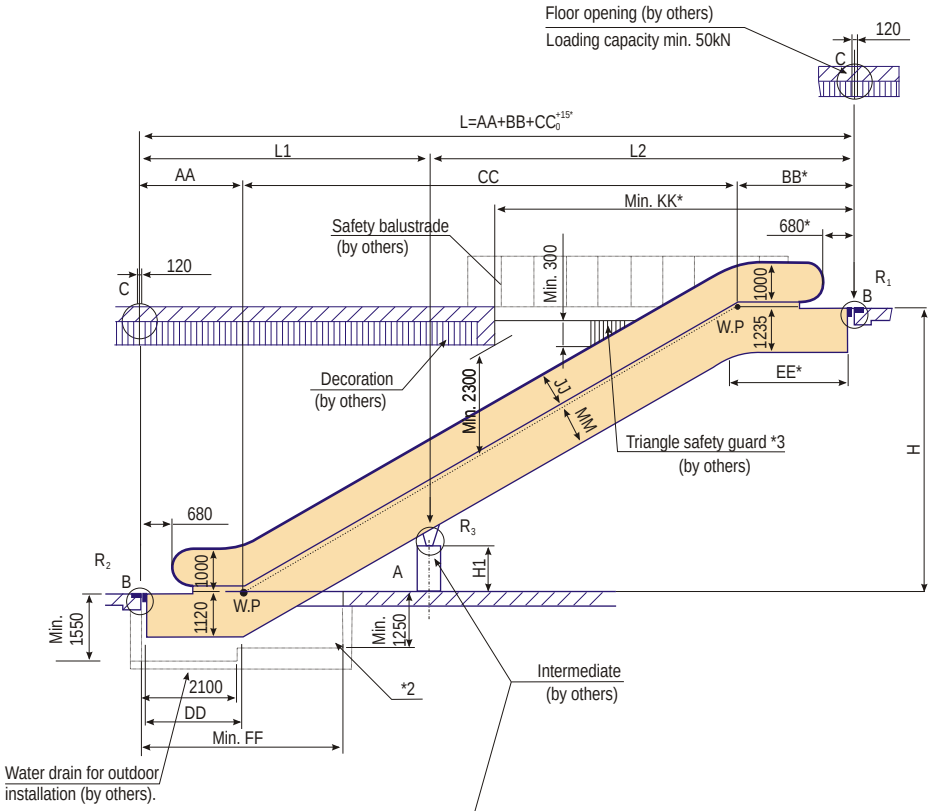
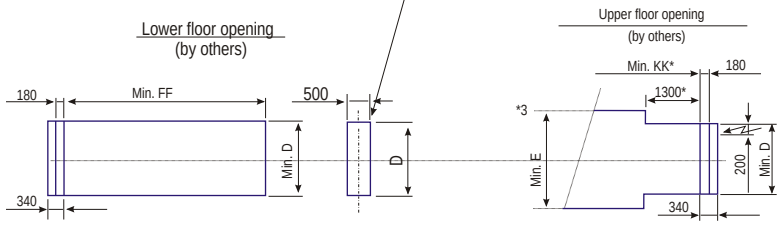
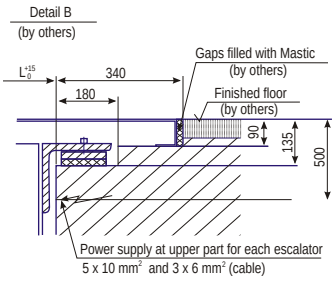
SJEC Johnson

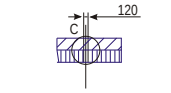
GLIDE

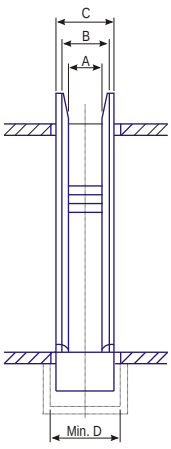
FEH Layout Drawing











Notes:

1) *According to EN 115, the entrance to both landings must have enough area to facilitate traffic flow.*
2) *Dimensions with mark* should be guaranteed 470 mm in case A=600 or double drive.*
4) *The intermediate support can be made of reinforced concrete or steel structure (by others).*
5) *All dimensions refer to finished dimensions in mm.*

Asterisks:

**1:* *Supports need to be at true level.*
**2:* *If there is a pit, it needs to be waterproof and smooth.*
**3:* *If dimension E cannot be guaranteed, a guard according to En 115 must be provided as shown (by others).*

Inclined ST/ST balustrade			
A	600	800	1000
B	910	1110	1310
C	1195	1395	1595
D	1270	1470	1670
E	1910	2110	2310

Inclined glass balustrade			
A	600	800	1000
B	837	1037	1237
C	1195	1395	1595
D	1270	1470	1670
E	1910	2110	2310

Support load (KN)
Note: 1) L,L1,L2 = meter. 2) L1,L2 ≤ 15m.

A	W/o intermediate support	With intermediate support
600	R1=4.05*L+16.3 R2=4.05*L+8.5	R1=4.05*L2+14 R2=4.05*L1+7 R3=4.2*L+10
800	R1=4.45*L+17 R2=4.45*L+9.5	R1=4.45*L2+16 R2=4.45*L1+7.5 R3=4.7*L+11
1000	R1=4.95*L+19.5 R2=4.95*L+10.5	R1=4.95*L2+17.2 R2=4.95*L1+8.3 R3=4.7*L+11.3

Type	a	Upper radius	AA	BB	CC	DD	EE	FF	JJ	KK	MM
FEH 302	30°	1500	2231	2598	H*1.732	2370	2815	4530	870	8000	1060
FEH 303	30°	1500	2631	2998	H*1.732	2770	3215	4930	870	8400	1060
FEH 304	30°	1500	3031	3398	H*1.732	3170	3615	5330	870	8800	1060
FEH 352	35°	1500	2266	2682	H*1.428	2505	2780	4420	850	7200	1080
FEH 353	35°	1500	2666	3082	H*1.428	2905	3180	4820	850	7600	1080
FEH 303	30°	2700	2863	3283	H*1.732	3000	3500	5160	870	8800	1060
FEH 304	30°	2700	3263	3683	H*1.732	3400	3900	5560	870	9220	1060