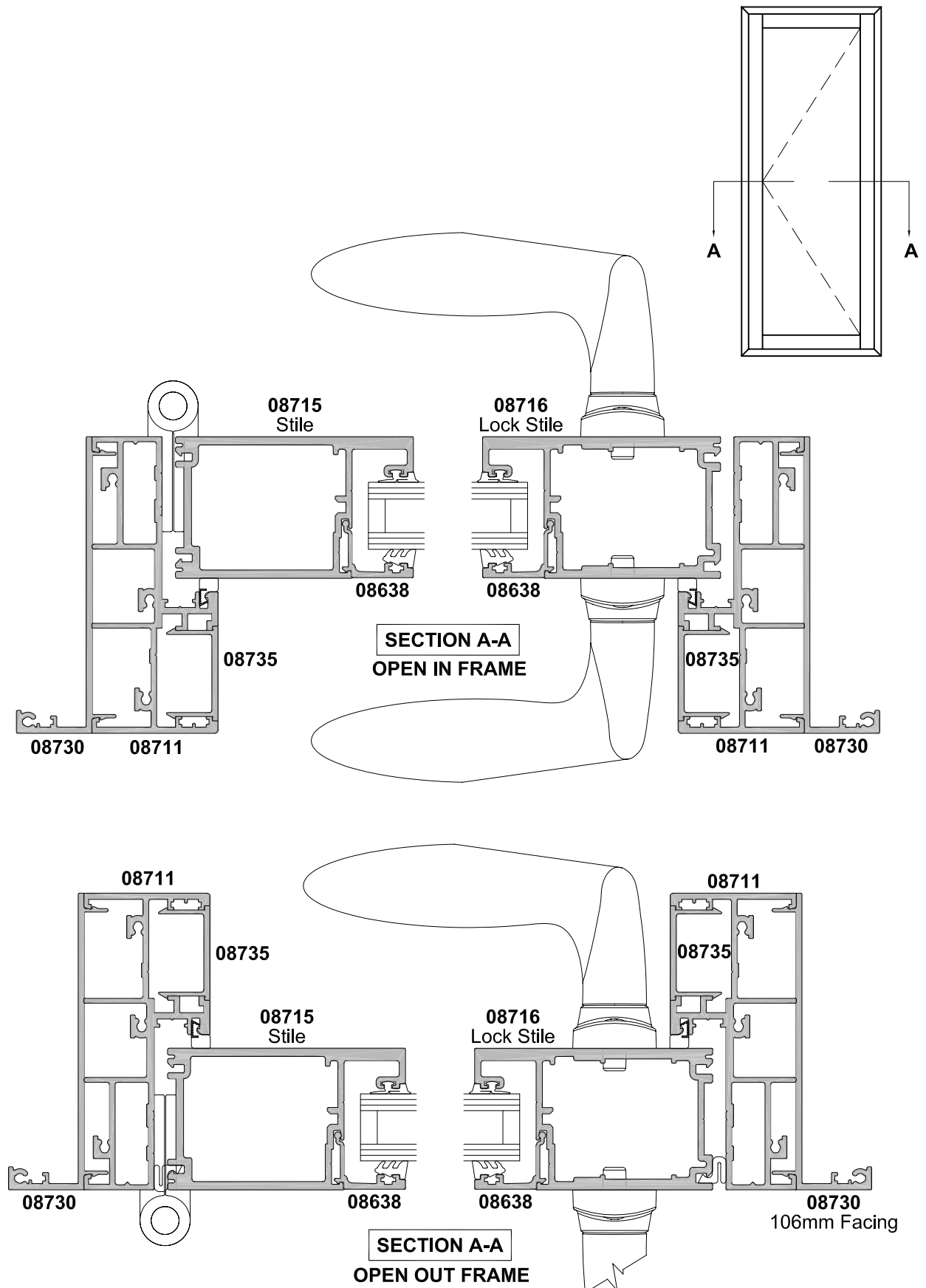


APL ARCHITECTURAL SERIES
HINGED DOOR - F520AS OPEN IN &
F500AS OPEN OUT 106MM FRAME

CROSS SECTION

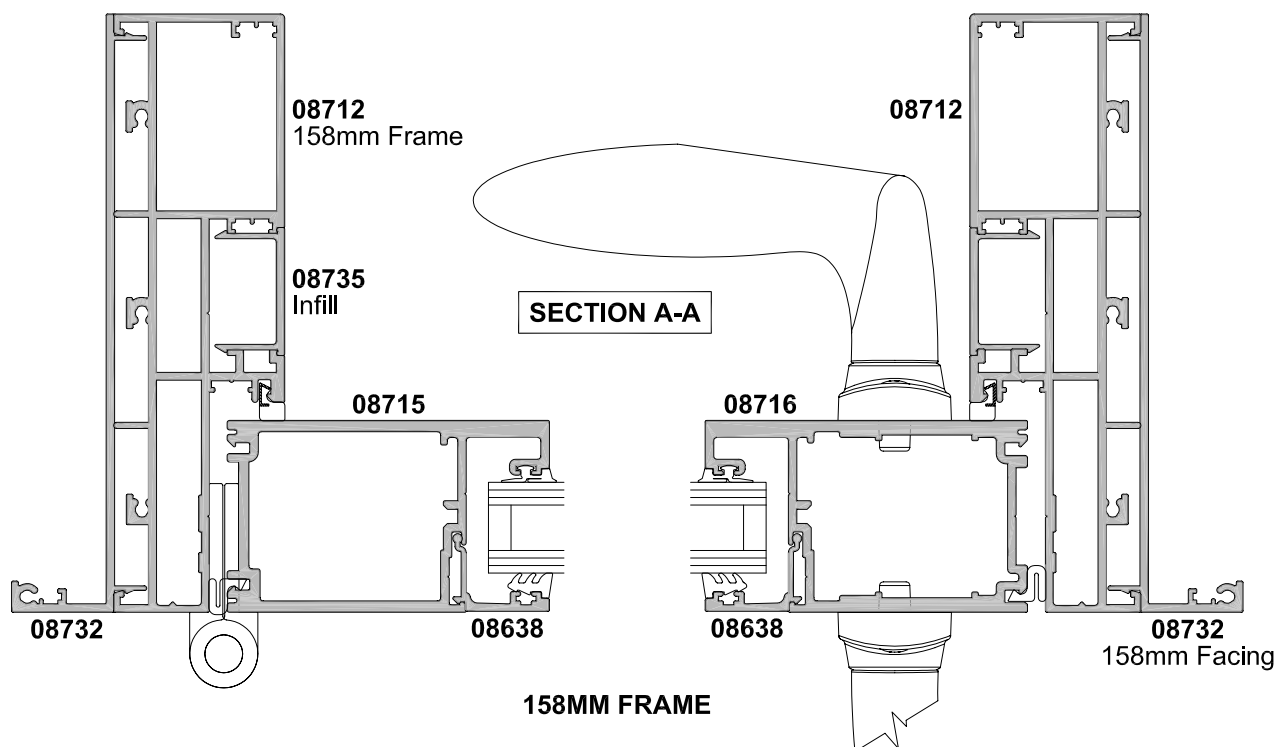
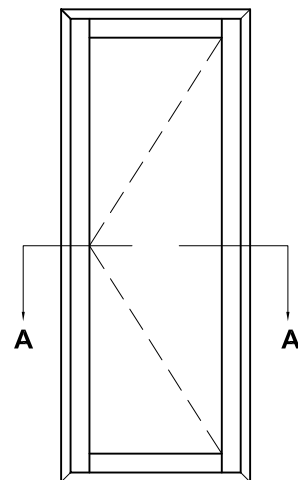
Date 01.11.09 Scale 1:2



APL ARCHITECTURAL SERIES
F510AS HINGED DOOR - 158MM FRAMES

CROSS SECTION

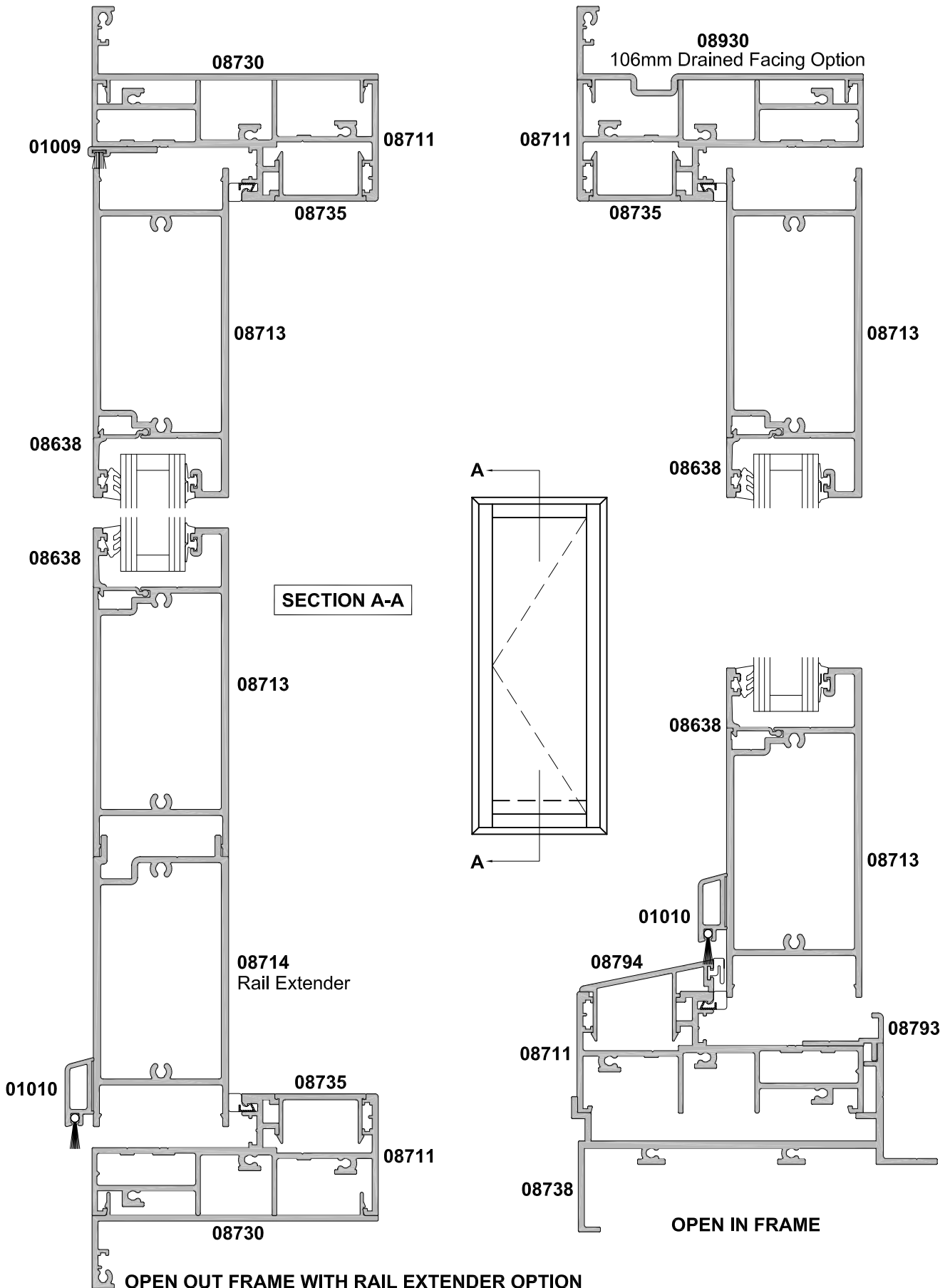
Date 01.11.09 Scale 1:2



**APL ARCHITECTURAL SERIES
F500AS HINGED DOOR - 106MM FRAMES**

CROSS SECTION

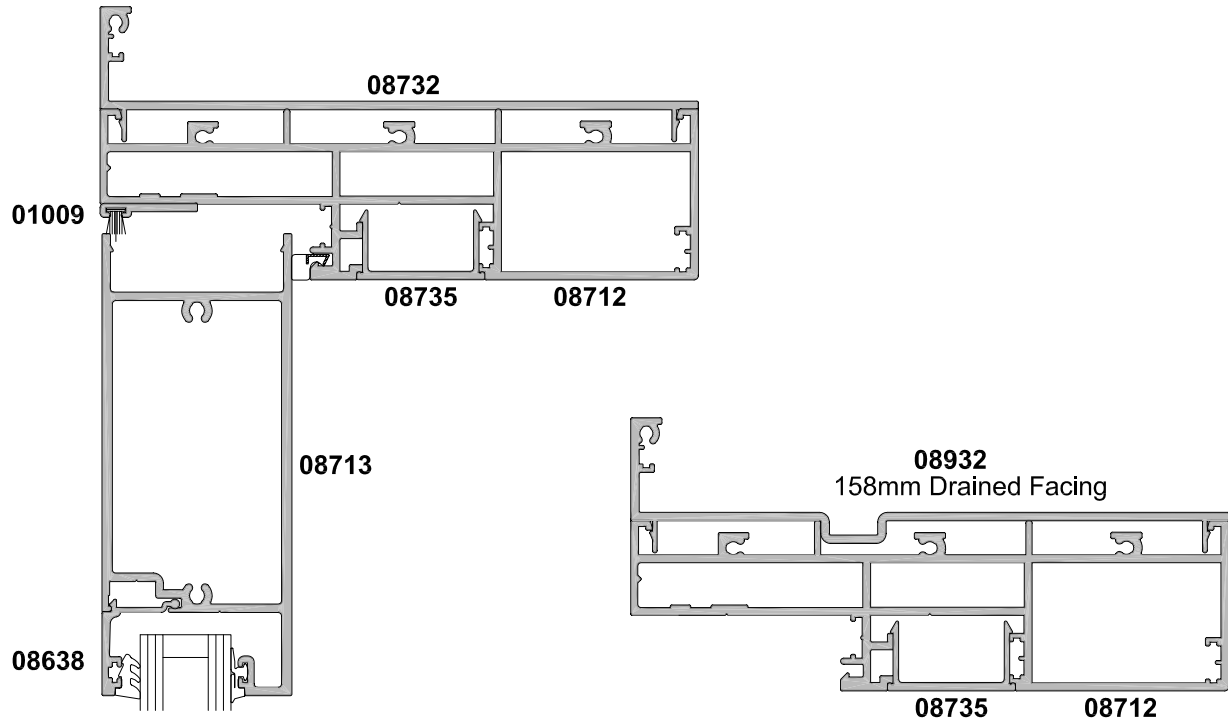
Date 01.11.09 Scale 1:2



**APL ARCHITECTURAL SERIES
F510AS HINGED DOOR - 158MM FRAMES**

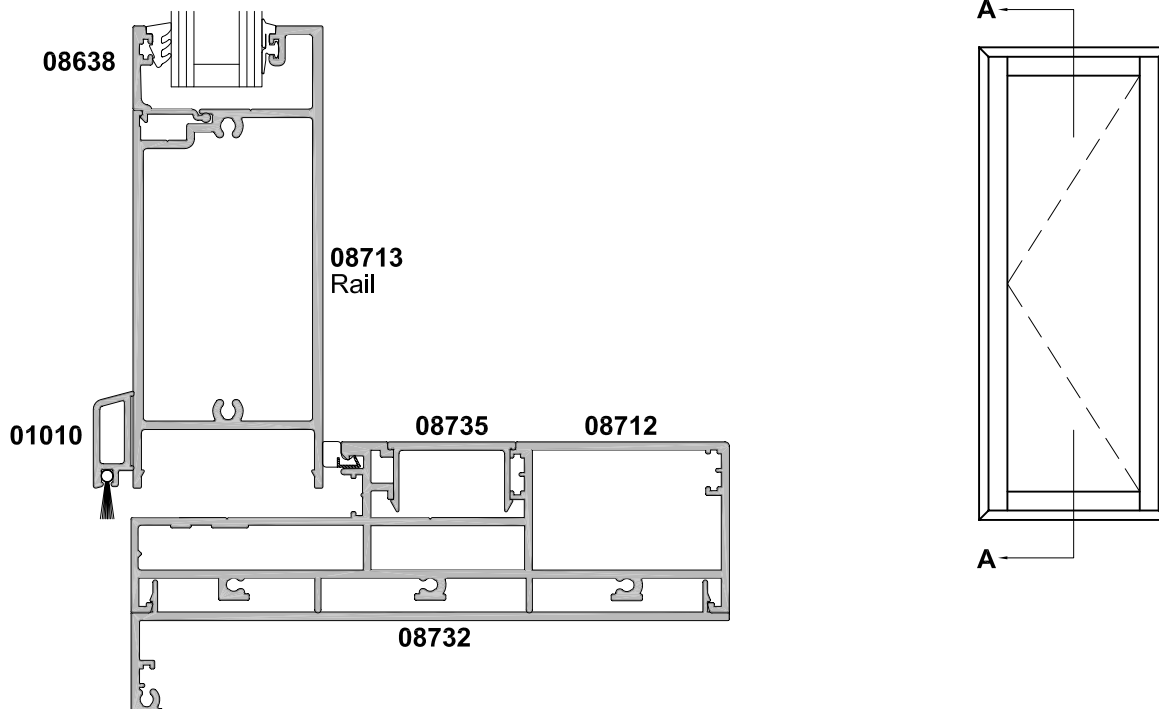
CROSS SECTION

Date 01.11.09 Scale 1:2



DRAINED FACING OPTION

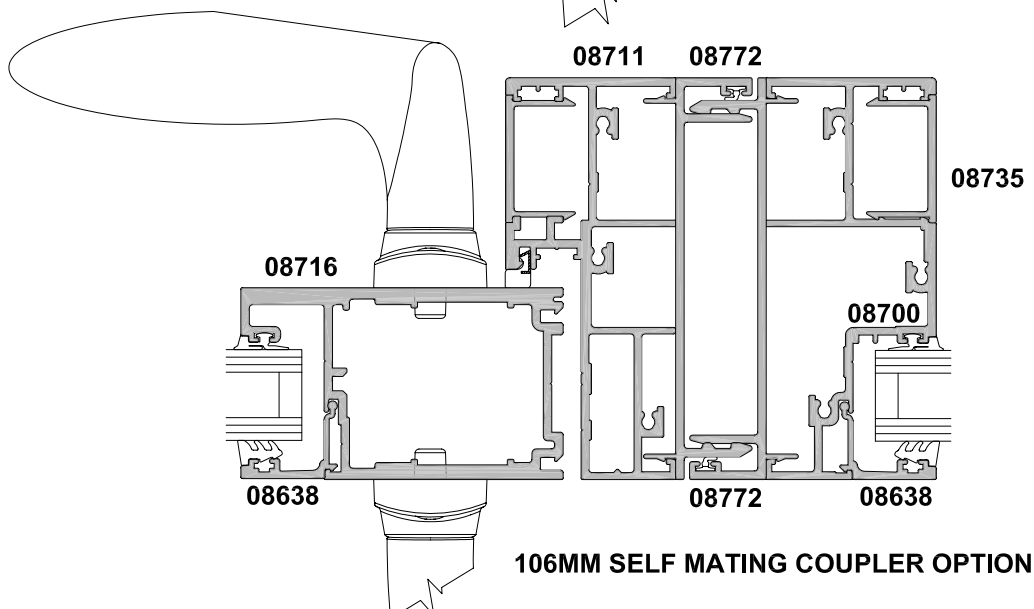
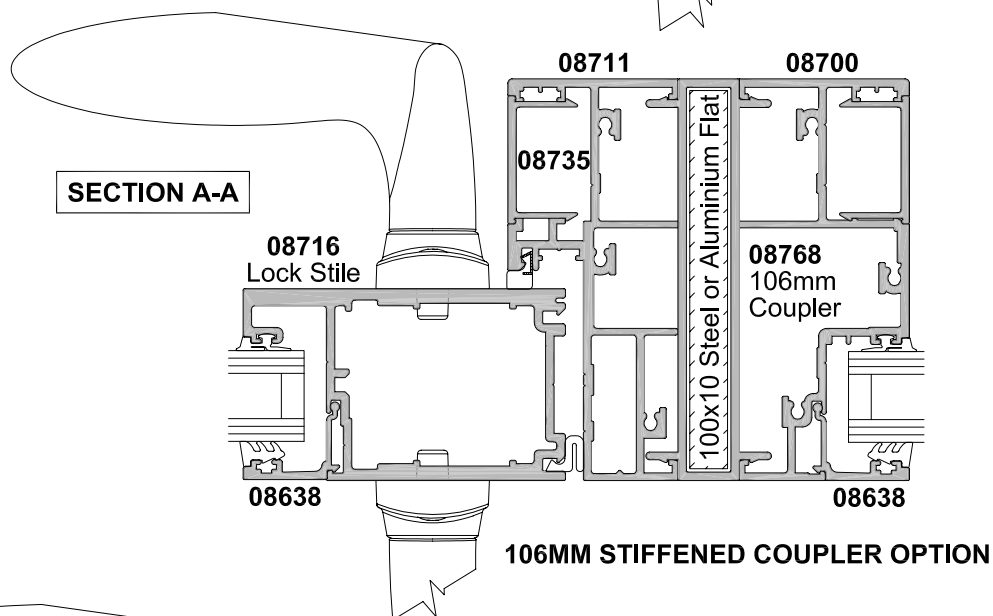
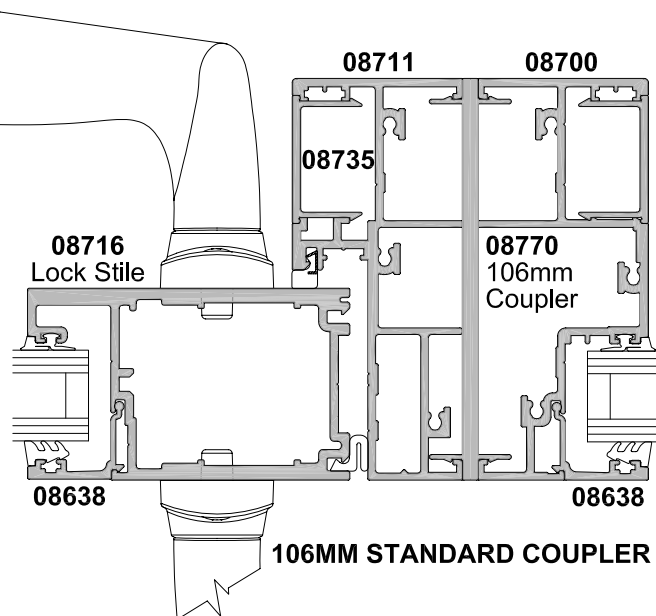
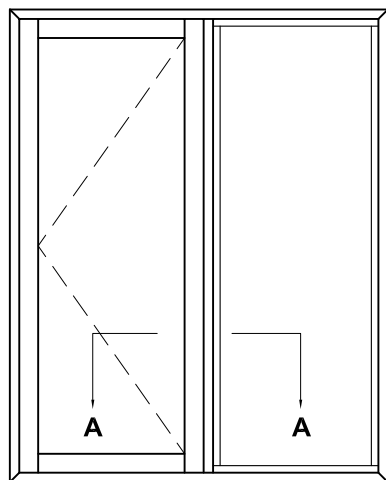
SECTION A-A



**APL ARCHITECTURAL SERIES
F500AS HINGED DOOR WITH SIDELIGHT**

CROSS SECTION

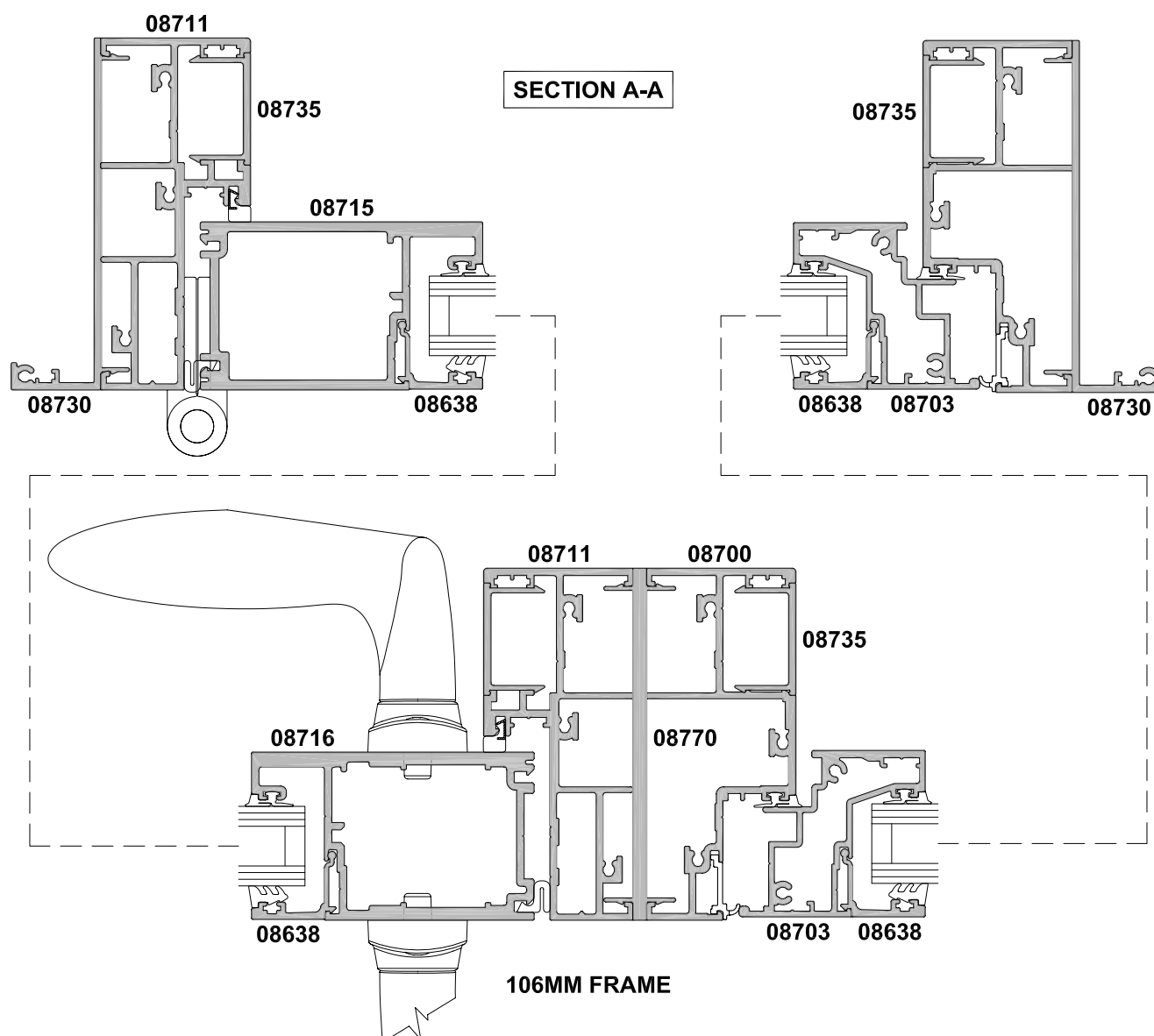
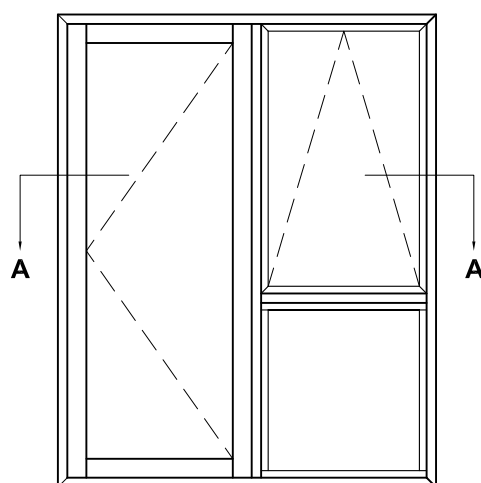
Date 01.11.09 Scale 1:2



APL ARCHITECTURAL SERIES
F500AS HINGED DOOR WITH AWNING SASH

CROSS SECTION

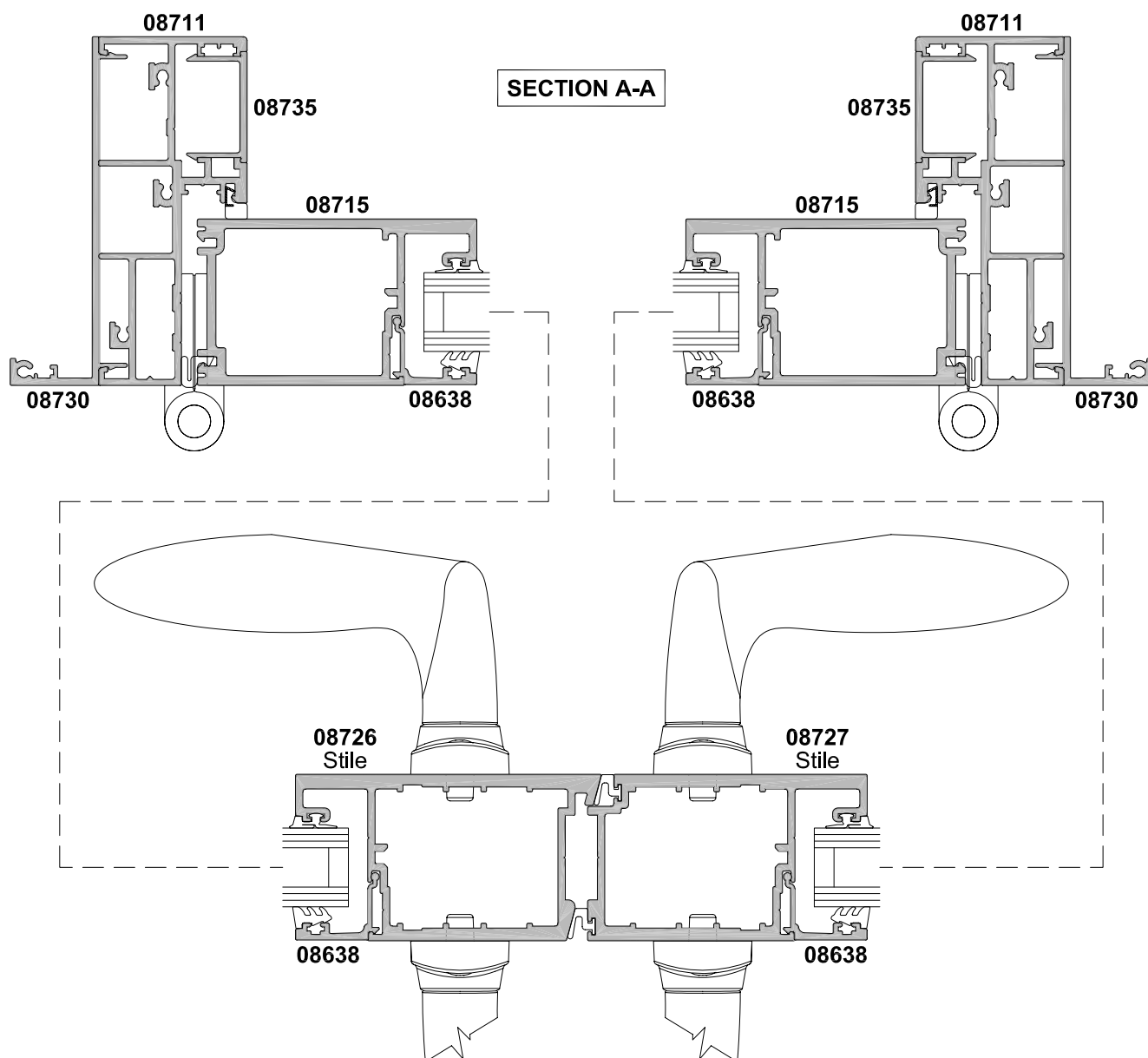
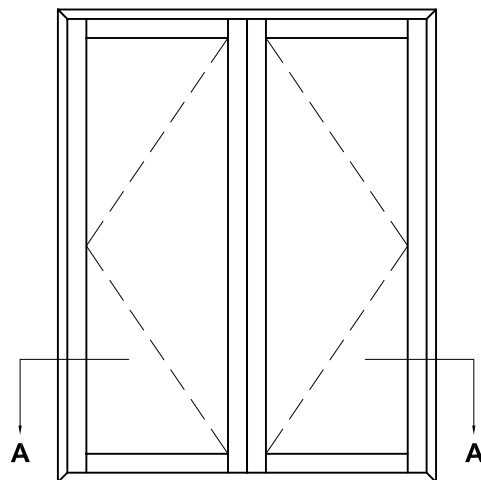
Date 01.11.09 **Scale** 1:2



**APL ARCHITECTURAL SERIES
F500AS FRENCH DOOR**

CROSS SECTION

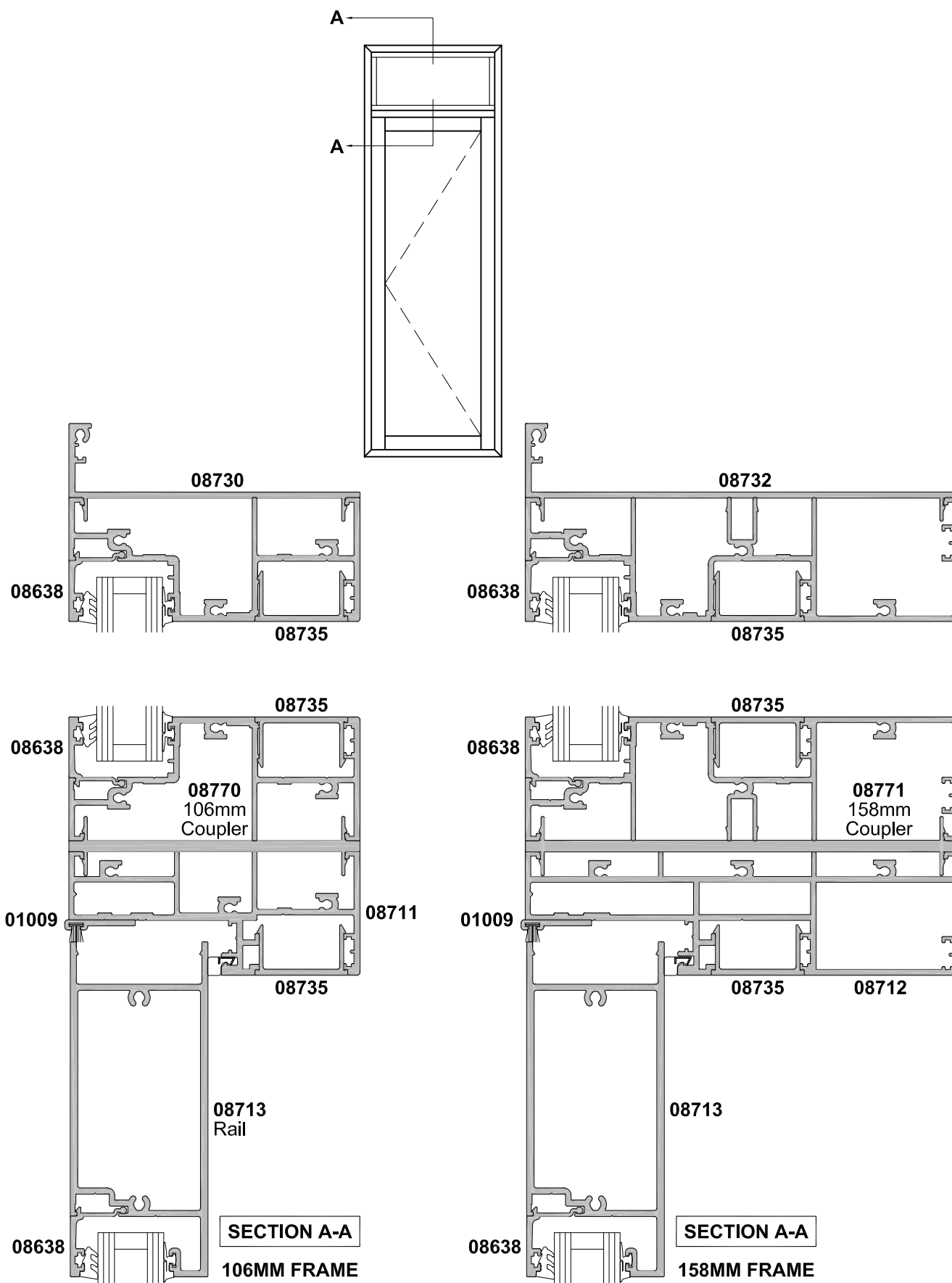
Date 01.11.09 Scale 1:2



APL ARCHITECTURAL SERIES
HINGED DOOR F500AS 106MM &
F510AS 158MM FRAMES WITH OVERLIGHT

CROSS SECTION

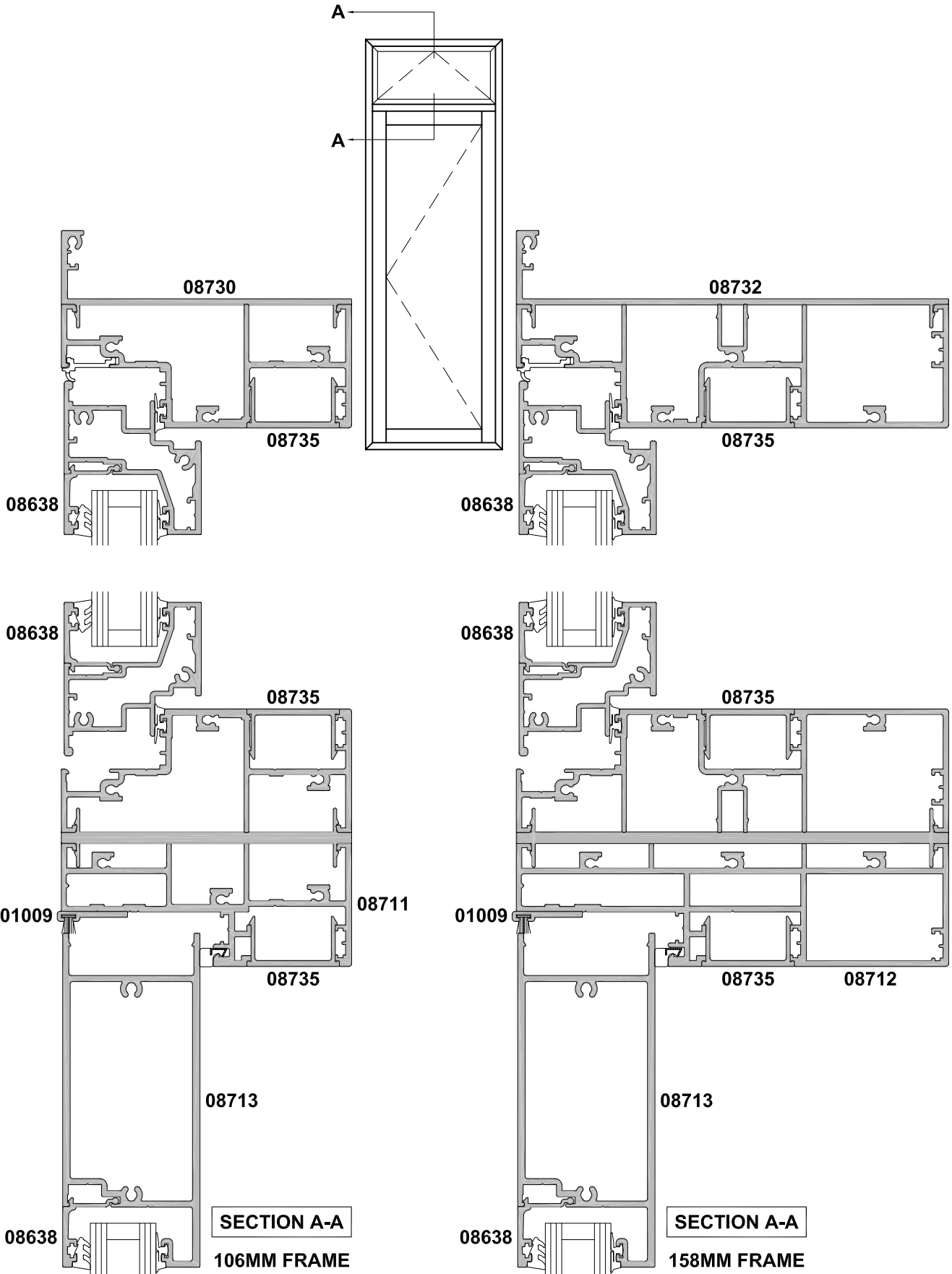
Date 01.11.09 Scale 1:2



APL ARCHITECTURAL SERIES
HINGED DOOR - V500AS 106MM & V510AS 158MM FRAMES
WITH OVERLIGHT SASH

CROSS SECTION

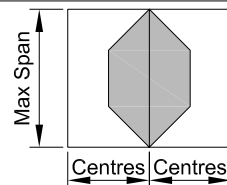
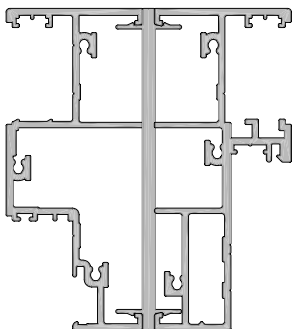
Date 01.11.09 Scale 1:2



APL ARCHITECTURAL SERIES
HINGED DOOR
SPAN TABLES

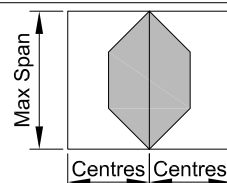
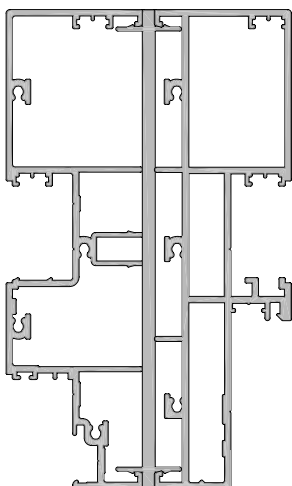
Date 01.11.09 Scale NTS

Extrusion: 08700 / 08770 / 08711
Description: 106mm Coupler



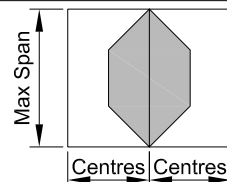
Centres	Spans for each wind zone			
	Low	Medium	High	Very High
500	5940	5405	4797	4412
700	5317	4840	4298	3954
900	4899	4460	3963	3647
1100	4591	4182	3717	3423
1300	4352	3966	3528	3251
1500	4159	3792	3376	3113
1700	3999	3648	3250	2999
1900	3864	3527	3145	2904
2100	3749	3423	3055	2822
2300	3648	3333	2976	2752
2500	3559	3253	2908	2690

Extrusion: 08701 / 08771 / 08712
Description: 158mm Coupler



Centres	Spans for each wind zone			
	Low	Medium	High	Very High
500	8352	7598	6742	6198
700	7471	6798	6033	5548
900	6876	6258	5556	5110
1100	6438	5860	5204	4788
1300	6096	5550	4931	4538
1500	5819	5300	4710	4336
1700	5589	5092	4527	4169
1900	5394	4915	4371	4028
2100	5225	4762	4238	3906
2300	5077	4629	4121	3800
2500	4946	4511	4018	3706

Extrusion: 08726 / 08727
Description: French Door Stiles



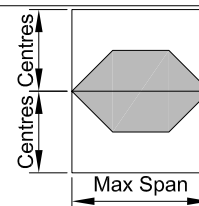
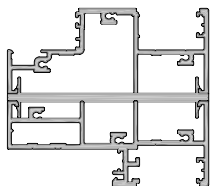
Centres	Spans for each wind zone			
	Low	Medium	High	Very High
500	4384	4005	3573	3283
600	4131	3774	3368	3097
700	3929	3591	3206	2949
800	3764	3441	3074	2828
900	3625	3315	2962	2727
1000	3506	3207	2868	2641
1100	3402	3114	2786	2566

Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans.
For advice we recommend you contact APL Technical Advisory Service

APL ARCHITECTURAL SERIES
HINGED DOOR
SPAN TABLES

Date 01.11.09 Scale NTS

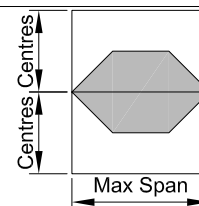
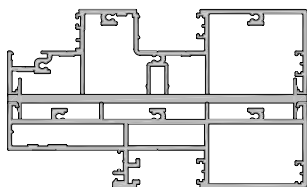
Extrusion: 08700 / 08770 / 08711
Description: 106mm Transom



Centres	Spans for each wind zone			
	Low	Medium	High	Very High
2200/500	4315	3936	3506	3234
2300/500	4267	3893	3468	3200
2400/500	4222	3852	3433	3168
2500/500	4179	3813	3399	3137
2600/500	4137	3776	3367	3109
2700/500	4098	3741	3337	3081

Spans are limited by stock length
Refer to APL Technical Advisory Service for spans requiring specific design

Extrusion: 08701 / 08771 / 08712
Description: 158mm Transom



Centres	Spans for each wind zone			
	Low	Medium	High	Very High
2200/500	6033	5496	4885	4499
2300/500	5964	5433	4830	4448
2400/500	5897	5373	4778	4401
2500/500	5834	5316	4728	4355
2600/500	5774	5261	4680	4312
2700/500	5716	5210	4635	4271

Spans are limited by stock length
Refer to APL Technical Advisory Service for spans requiring specific design

Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans.
For advice we recommend you contact APL Technical Advisory Service