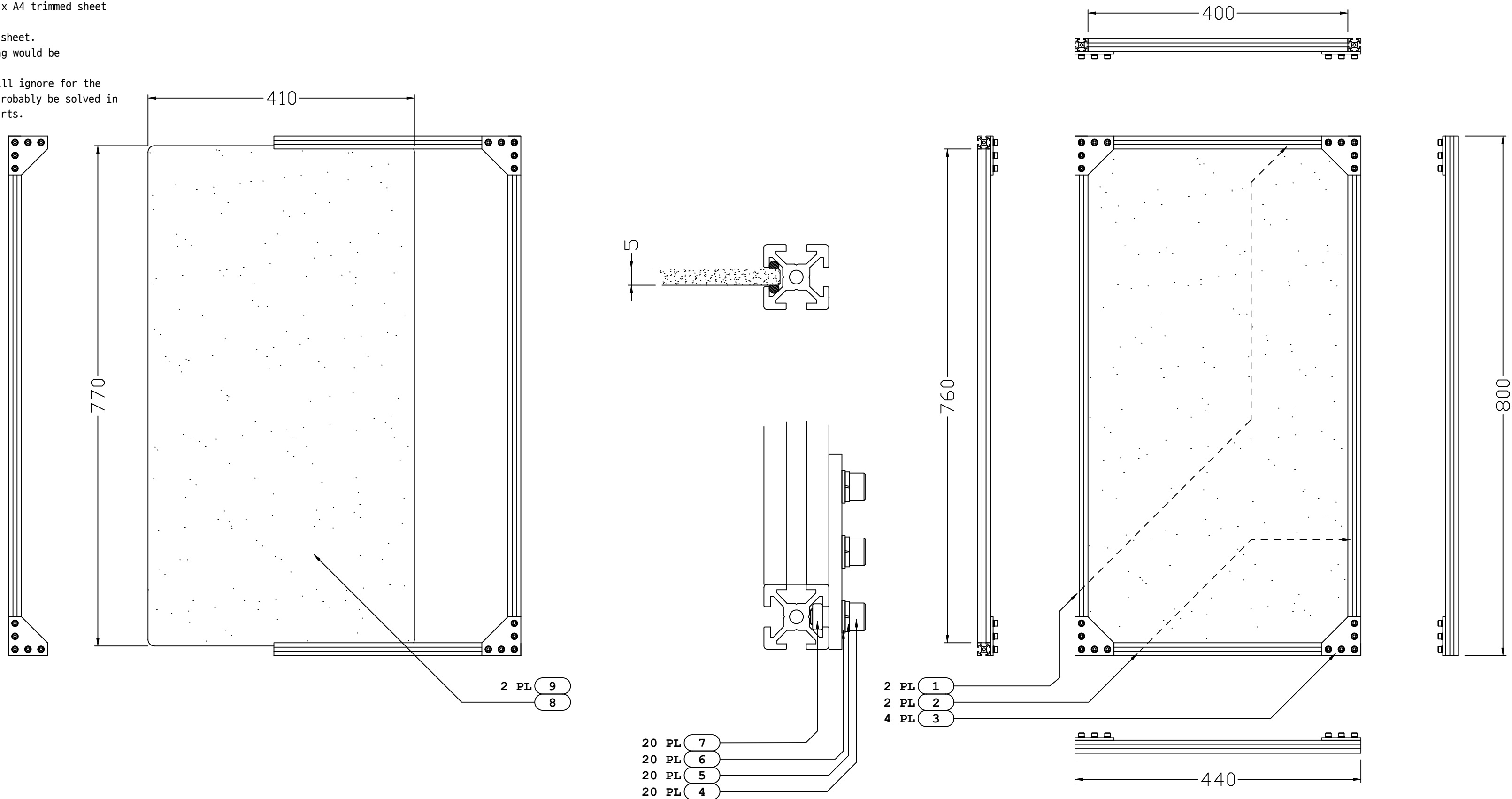


My scaling is all whacko here.
The border drawn is 10 x A4 trimmed sheet
10 x (297 x 210)
Intention was to be A2 sheet.
To make this A2, scaling would be
1.414 * 1.414 / 10
This is a headache I will ignore for the
time being, which can probably be solved in
the future using viewports.



NOTES:

- (1) The -XXX and -YYY options specify the finished size of the panel in mm. This drawing describes two ways to form a panel, depending on how the extrusions are overlapped. Example shown in this drawing is 700 x 440 mm.
- (2) The first dimension (-XXX) is the length of the "long" side, that is, the side whose extrusion length equals the corresponding panel dimension.
- (3) The extrusion sides corresponding to the second panel dimension (-YYY) are shortened by 2 x extrusion width, or YYY - 40mm.
- (4) Glass panel has rounded corners, R=10mm, edges chamfered approx. 1mm, thickness 5mm, is tempered, and clear color.
- (5) Glass size is XXX-30 mm by YYY-30 mm, rectangular.
- (6) Glass perimiter is 2*XXX + 2*YYY - 40 mm.
- (7) Options can describe sensible assemblies
 - FG is a complete panel frame with glass and gasket
 - F is a panel frame with no glass.
- (8) Some combinations of options can describe pseudo-assemblies:
 - G just a glass panel with some gasket material
 - 000-000 just a set of corners and hardware
 - 000-YYY-F two extrusions YYY-40 mm long, with corners & HW
 - XXX-000-F two extrusions XXX mm long with corners & HW

9	GASKET, NITRILE RUBBER (NBR), 3mm DIA (SEE NOTE 6)
8	GLASS PANEL, TEMPERED (SEE NOTE 4 & 5)
7	SQUARE NUT, SS, 8x8x3, M5
6	WASHER, FLAT, SS, M5 SIZE
5	WASHER, LOCK, SPLIT-RING, SS, M5 SIZE
4	SOCKET HEAD CAP SCREW, SS, HEX DRIVE, M5x12
3	CORNER BRACKET, AL, 60x60x4
2	EXTRUSION, AL PROFILE 2020, (YYY-40) mm LENGTH (SEE NOTE 3)
1	EXTRUSION, AL PROFILE 2020, XXX mm LENGTH (SEE NOTE 2)
FN	DESCRIPTION
PARTS LIST SUMMARY (SEE PL104320 FOR MORE DETAILS)	

PART NUMBER FORMAT: 104320-XXX-YYY-OPTS									
X	FRAME DIMENSION OF SIDE USING EQUAL LENGTH EXTRUSIONS, MM								
Y	FRAME DIMENSION OF SIZE WITH SHORTENED EXTRUSIONS, MM								
OPTS	-F	FRAME ONLY							
	-G	GLASS AND GASKET ONLY							
	-FG	FRAME, GLASS AND GASKET							
THE STUMBLER					Finish	Scale: 1:5	Weight:		
SACHEON, SOUTH KOREA									
					Date	Name	PANEL, GLASS FRAME ASSY		
					Drawn	RCL			
					Chk'd				
					App'd				
							104320		
Stat#		Change		Date	Name	Origin	Sheet: Rev.		Size: A2