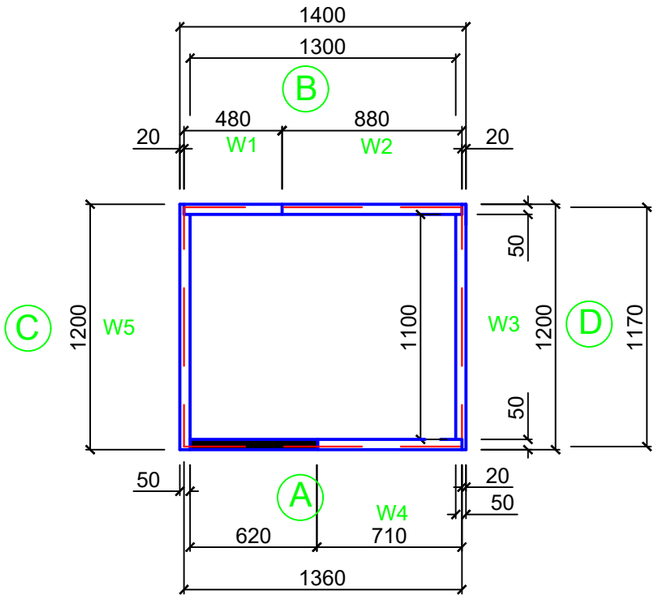
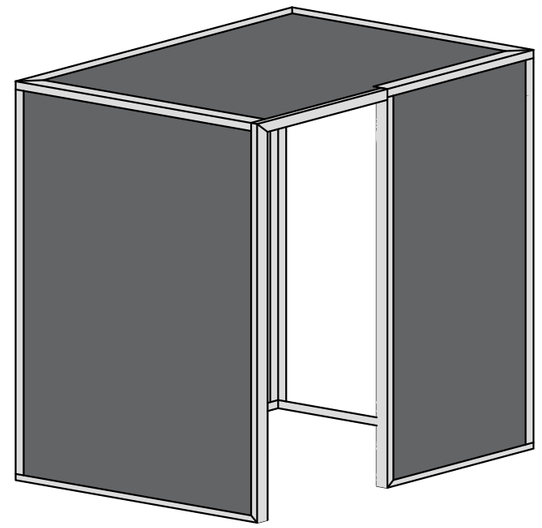
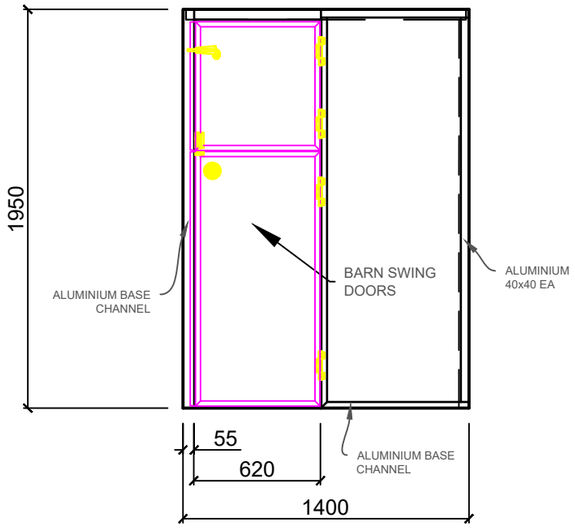
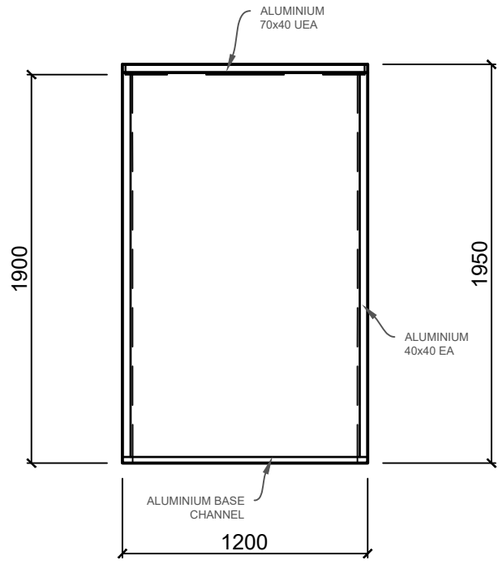


PLAN VIEW





FRONT VIEW



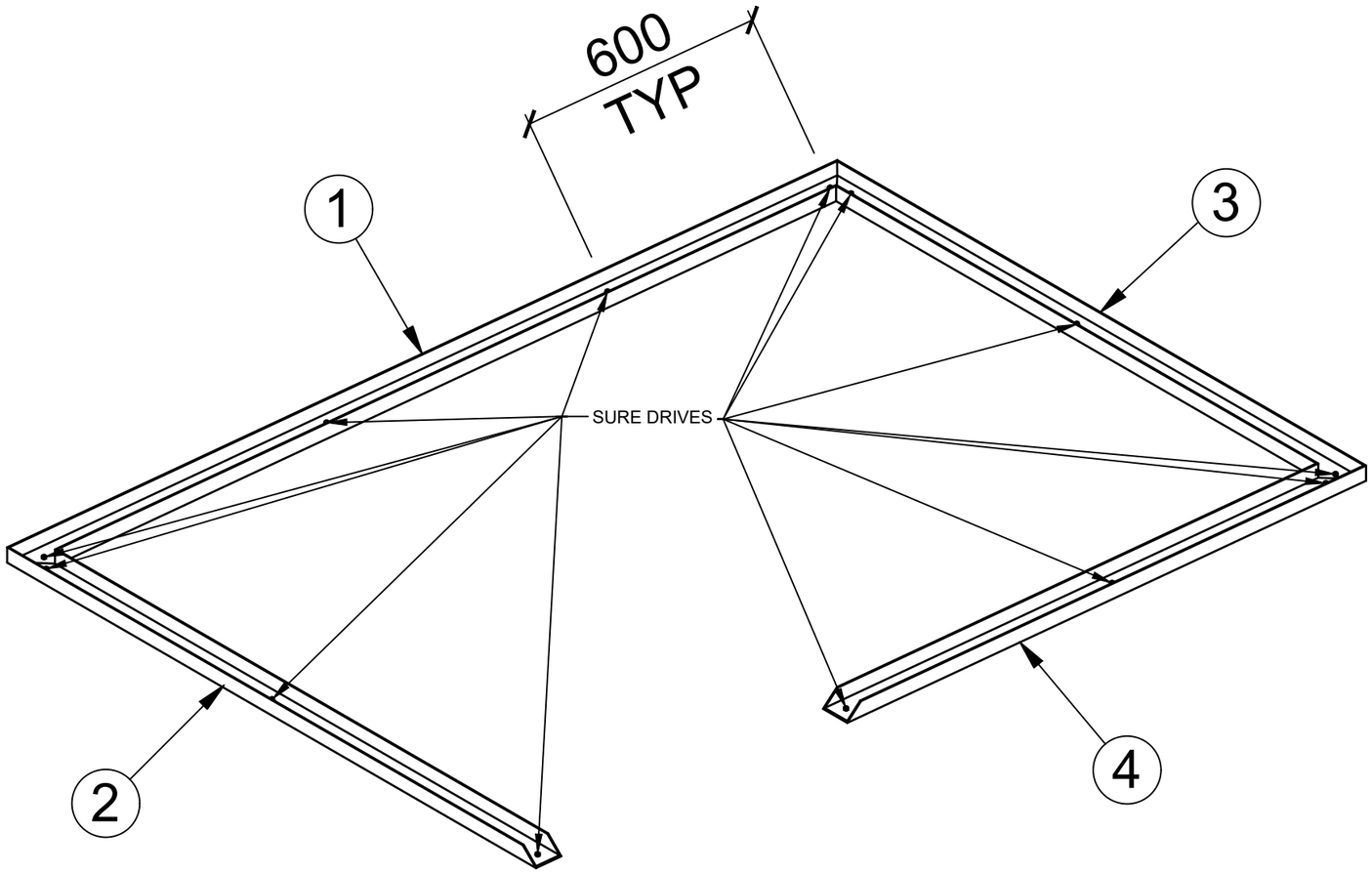
SIDE VIEW

NOTE:
THERE IS NO SLOPE ON THE ROOFS SURFACE
THE BARN STYLE DOORS WILL BE SPLIT $\frac{70}{30}$, THE BOTTOM SECTION TO BE THE LARGEST.

THIS STRUCTURE IS DESIGNED TO BE AFFIXED TO A CONCRETE SLAB.

12 SETUPS IN TOTAL TO BE SUPPLIED.

FILE NAME HAMMOND COBLE FAMILY TRUST GENESIS 128 -1400x1200 KENNEL 1950H			SCALE 1:30
DRAWN M GREEN	SHEET 1 OF 1	REVISION	PANEL SOLUTIONS AUSTRALIA
DEPT SALES	DWG NO KK 0001		



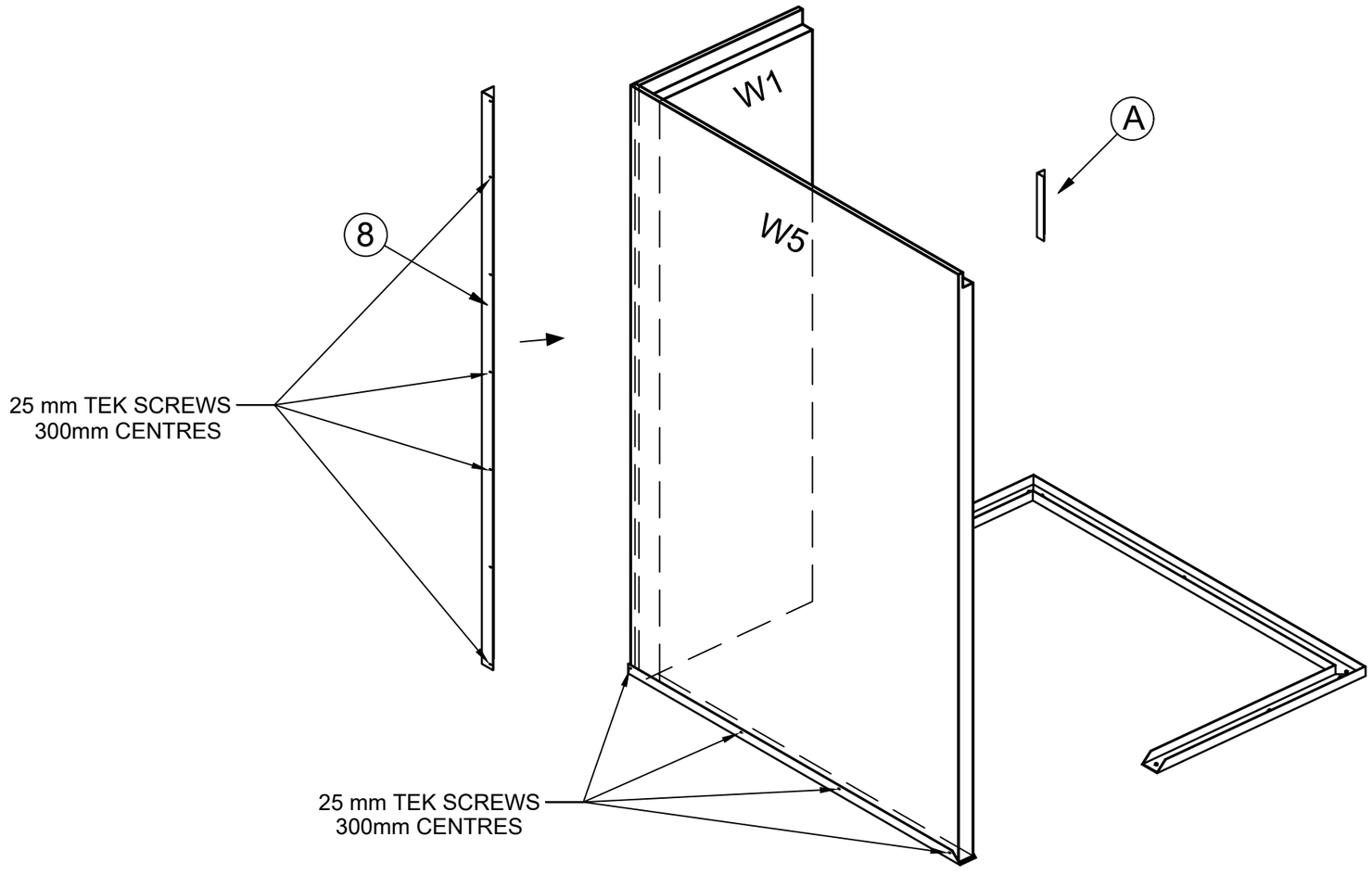
STEP 1:

AFTER MARKING OUT THE FLOOR WHERE THE KENNEL IS BEING INSTALLED,
PLACE THE FLOOR CHANNEL INTO POSITION. (MAKE SURE EVERYTHING IS SQUARE)
USING THE SUREDRIVES/ METAL HAMMER PINS SUPPLIED, SECURE INTO PLACE.

ALUMINIUM MATERIAL LIST

ITEM	DESCRIPTION	MAT.L
1	50mm BASE CHANNEL, 1400mm LONG (PRE - CUT)	MF
2	50mm BASE CHANNEL, 1200mm LONG (PRE - CUT)	MF
3	50mm BASE CHANNEL, 1200mm LONG (PRE - CUT)	MF
4	50mm BASE CHANNEL, 725mm LONG (PRE - CUT)	MF

FILE NAME GENESIS 128 CUSTOM	SCALE N.T.S	PANEL SOLUTIONS AUSTRALIA
DRAWN M GREEN	SHEET 1 OF 9	
DEPT	DWG NO PSA01036	



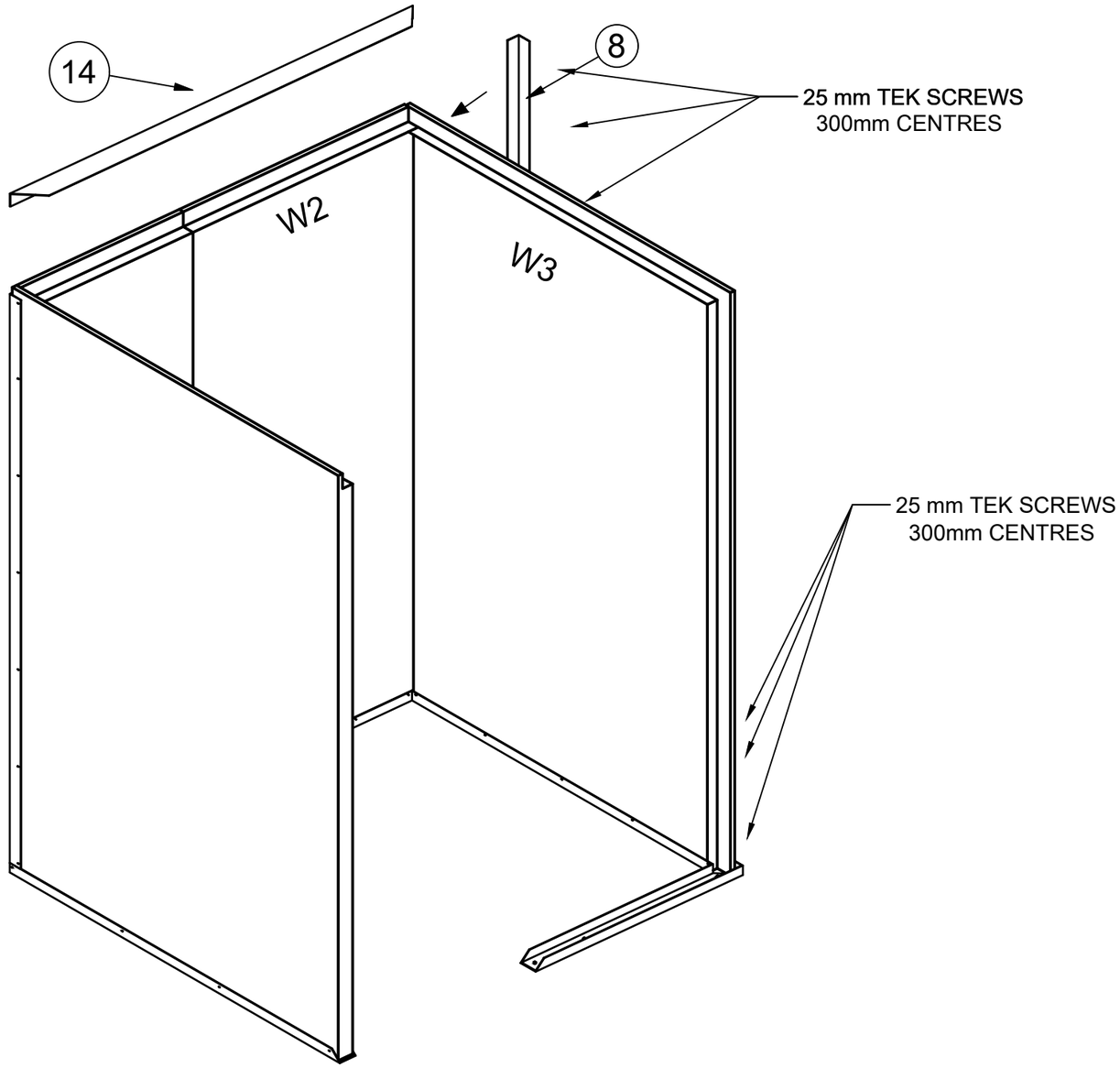
STEP 2:

AFTER THE FLOOR CHANNEL IS SECURE, PLACE WALL PANEL 1 & WALL PANEL 5
INTO THE CORNER, AS SHOWN. (MAKE SURE THE COLOURED SIDES ARE EXTERNAL)
MAKE SURE THE PANELS ARE AS CLOSE TOGETHER AS YOU CAN MAKE THEM AND LEVEL AS WELL.
SECURE ONE OF THEM INTO POSITION THROUGH THE FLOOR CHANNEL, THEN
SQUARE UP THE SECOND PANEL & SECURE USING THE ALUMINIUM PIECE Ⓐ
DON'T FORGET TO LEVEL THE PANELS BEFORE FULLY SECURING INTO POSITION.
NEXT PLACE THE ALUMINIUM ANGLE ⑤ INTO POSITION, (NOTE: KEEP PANELS SQUARE)
THE ANGLE IS FASTENED OFF WITH 25mm TEK SCREWS, WITH APPROXIMATELY 300mm CENTRES.

MATERIAL LIST

ITEM	DESCRIPTION	MAT.L
W1	50mm SANDWICH PANEL, 1935mm HIGH (STRAIGHT)	CB
W5	50mm SANDWICH PANEL, 1985mm HIGH (CORNER CUT)	CB
A	ALUMINIUM ANGLE 25x25, 200mm LONG	MF
8	ALUMINIUM ANGLE 40x40, 1880mm LONG (REAR LEFT)	MF

FILE NAME GENESIS 128 CUSTOM		SCALE N.T.S	PANEL SOLUTIONS AUSTRALIA
DRAWN M GREEN	SHEET 2 OF 9		
DEPT	DWG NO PSA01037		



STEP 3:

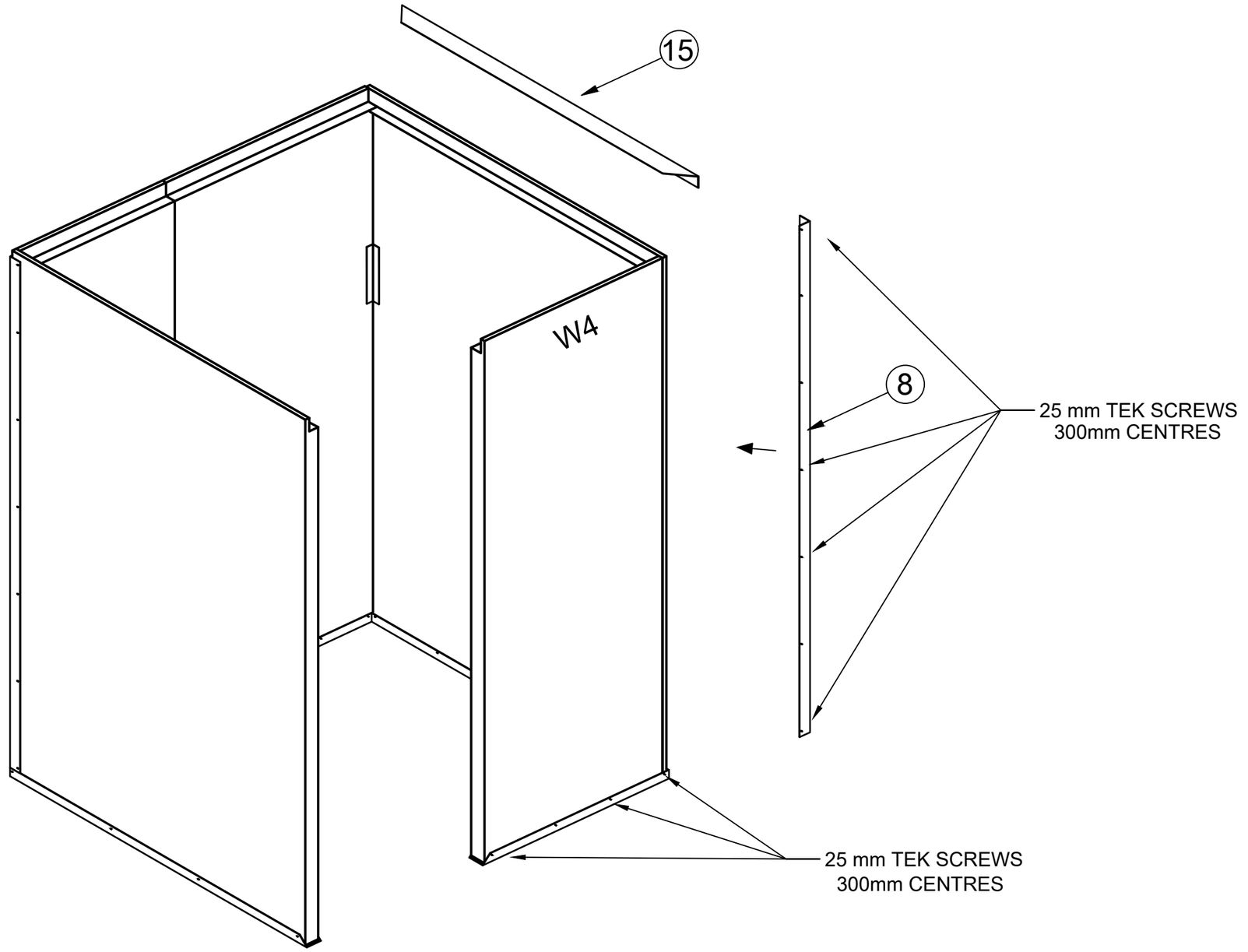
PLACE WALL PANEL 2 INTO POSITION (MAKE SURE THE PANELS ARE AS CLOSE TOGETHER AS POSSIBLE). SECURE INTO POSITION THROUGH THE FLOOR CHANNEL & ONE IN THE PANEL JOINT AT THE VERY TOP. NEXT PUT WALL PANEL 3 INTO PLACE & SECURE. DON'T FORGET TO LEVEL THE PANELS BEFORE FULLY SECURING INTO POSITION.
PLACE THE 70X40 ALUMINUM ANGLE ⑭ OVER THE REAR WALL. MAKE SURE THE TOP OF THE ANGLE ⑧ AND THE MITRED EDGE OF THE 70X40ANGLE ARE TOUCHING AND LEVEL.
FASTEN THIS POINT OFF USING THE 25mm TEK SCREWS SUPPLIED.
NEXT PLACE THE SECOND ALUMINIUM ANGLE ⑧ INTO POSITION, (NOTE: KEEP PANELS SQUARE)
FASTEN THE REAR OF THE ANGLE ⑧ FIRST, ONE AT THE BOTTOM THEN ONE AT THE TOP (MAKE SURE THE ANGLES MEET NEATLY). THEN FASTEN OFF 300mm CENTRES BOTH SIDES OF THE ANGLE ⑧
NOW REMOVE THE 70X40 ANGLE ⑭, THIS WILL BE USED LATER.

MATERIAL LIST

ITEM	DESCRIPTION	MAT.L
W2	50mm SANDWICH PANEL, 1935mm HIGH (STRAIGHT)	CB
W3	100mm SANDWICH PANEL, 1935mm HIGH (CORNER CUT)	CB
8	ALUMINIUM ANGLE 40x40, 1880mm LONG (REAR RIGHT)	MF
14	ALUMINIUM ANGLE 70X40,1400mm LONG (REAR ROOF)	MF

FILE NAME GENESIS 128 CUSTOM		SCALE N.T.S	
DRAWN M GREEN	SHEET 3 OF 9		
DEPT	DWG NO PSA01038		

PANEL SOLUTIONS AUSTRALIA



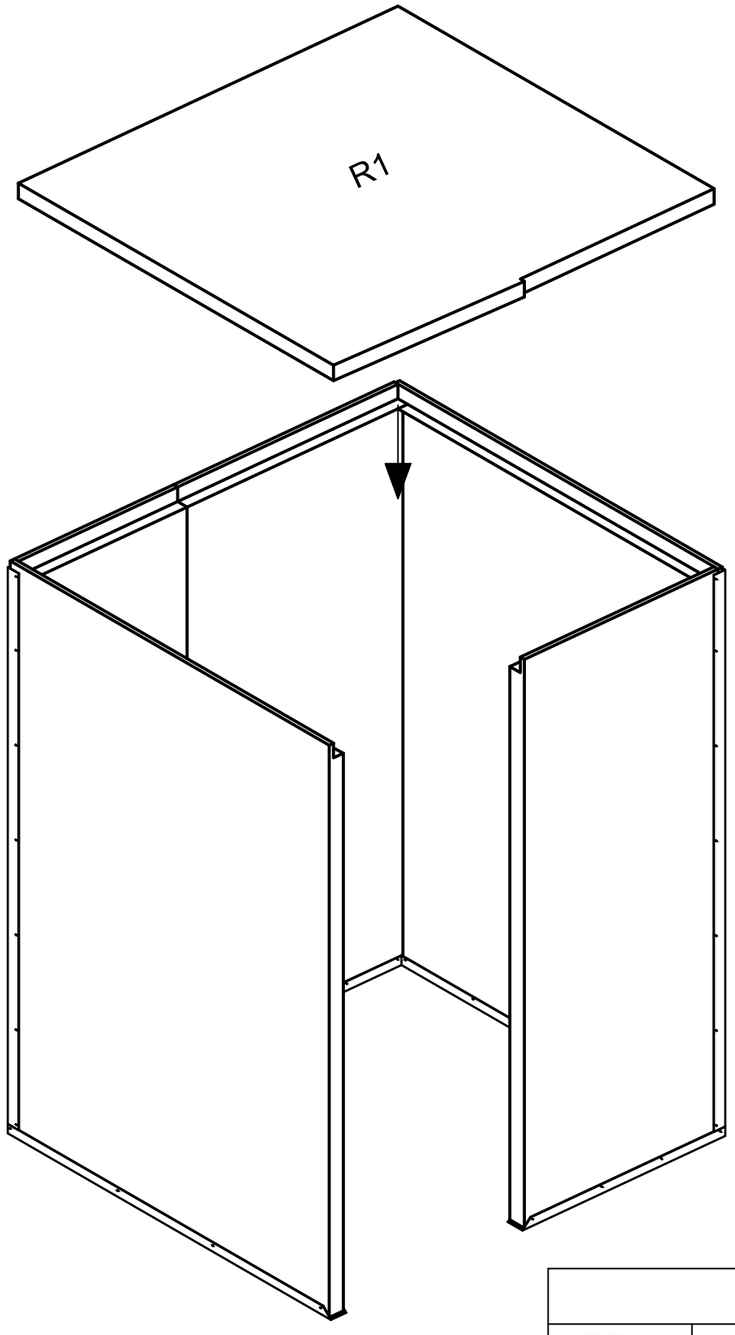
STEP 4:

PLACE WALL PANEL 4 INTO POSITION (MAKE SURE THE PANELS ARE AS CLOSE TOGETHER AS POSSIBLE)
PLACE THE 70X40 ALUMINIUM ANGLE ⑮ OVER THE RIGHT SIDE WALL, MAKE SURE THE TOP OF THE ANGLE ⑧ AND THE MITRED EDGE OF THE 70X40ANGLE ARE TOUCHING AND LEVEL.
FASTEN THIS POINT OFF USING THE 25mm TEK SCREWS SUPPLIED.
NEXT PLACE THE SECOND ALUMINIUM ANGLE ⑧ INTO POSITION, (NOTE: KEEP PANELS SQUARE)
FASTEN THE SIDE OF THE ANGLE ⑧ FIRST, ONE AT THE BOTTOM THEN ONE AT THE TOP (MAKE SURE THE ANGLES MEET NEATLY). AT THIS STAGE MEASURE THE FRONT WALL AND CHECK THAT ITS SQUARE.
THEN FASTEN OFF 300mm CENTRES BOTH SIDES OF THE ANGLE ⑧
NOW REMOVE THE 70X40 ANGLE ⑮, THIS WILL BE USED LATER.

MATERIAL LIST

ITEM	DESCRIPTION	MAT.L
W4	50mm SANDWICH PANEL, 1925mm HIGH (STRAIGHT)	CB
8	ALUMINIUM ANGLE 40x40, 1880mm LONG (FRONT RIGHT)	MF
15	ALUMINIUM ANGLE 70x40, 1200mm LONG (RIGHT ROOF)	MF

FILE NAME GENESIS 128 CUSTOM	SCALE N.T.S	PANEL SOLUTIONS AUSTRALIA
DRAWN M GREEN	SHEET 4 OF 9	
DEPT	DWG NO PSA00139	



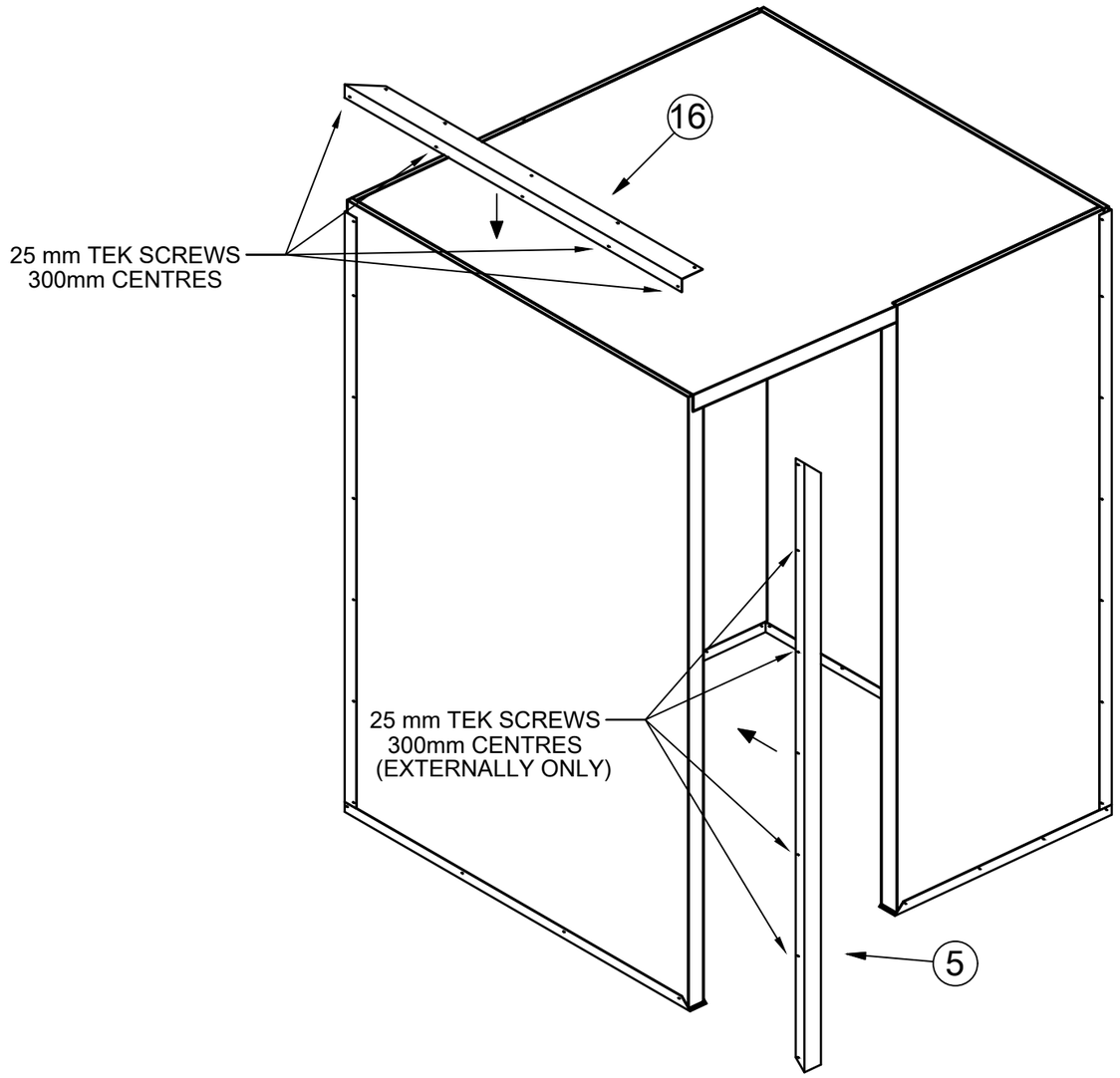
STEP 5:

PLACE ROOF PANEL 1 INTO POSITION (MAKE SURE THE PANEL FITS WITHIN THE FOAM, IF NOT SOME FOAM MAY NEED TO BE REMOVED).
ONCE IN POSITION, RECHECK THE ENTIRE STRUCTURE OVER FOR BEING SQUARE.

MATERIAL LIST

ITEM	DESCRIPTION	MAT.L
R1	50mm SANDWICH PANEL, 1200mm HIGH (ROOF CUT)	CB

FILE NAME GENESIS 128 CUSTOM	SCALE N.T.S	PANEL SOLUTIONS AUSTRALIA
DRAWN M GREEN	SHEET 5 OF 9	
DEPT	DWG NO PSA00140	



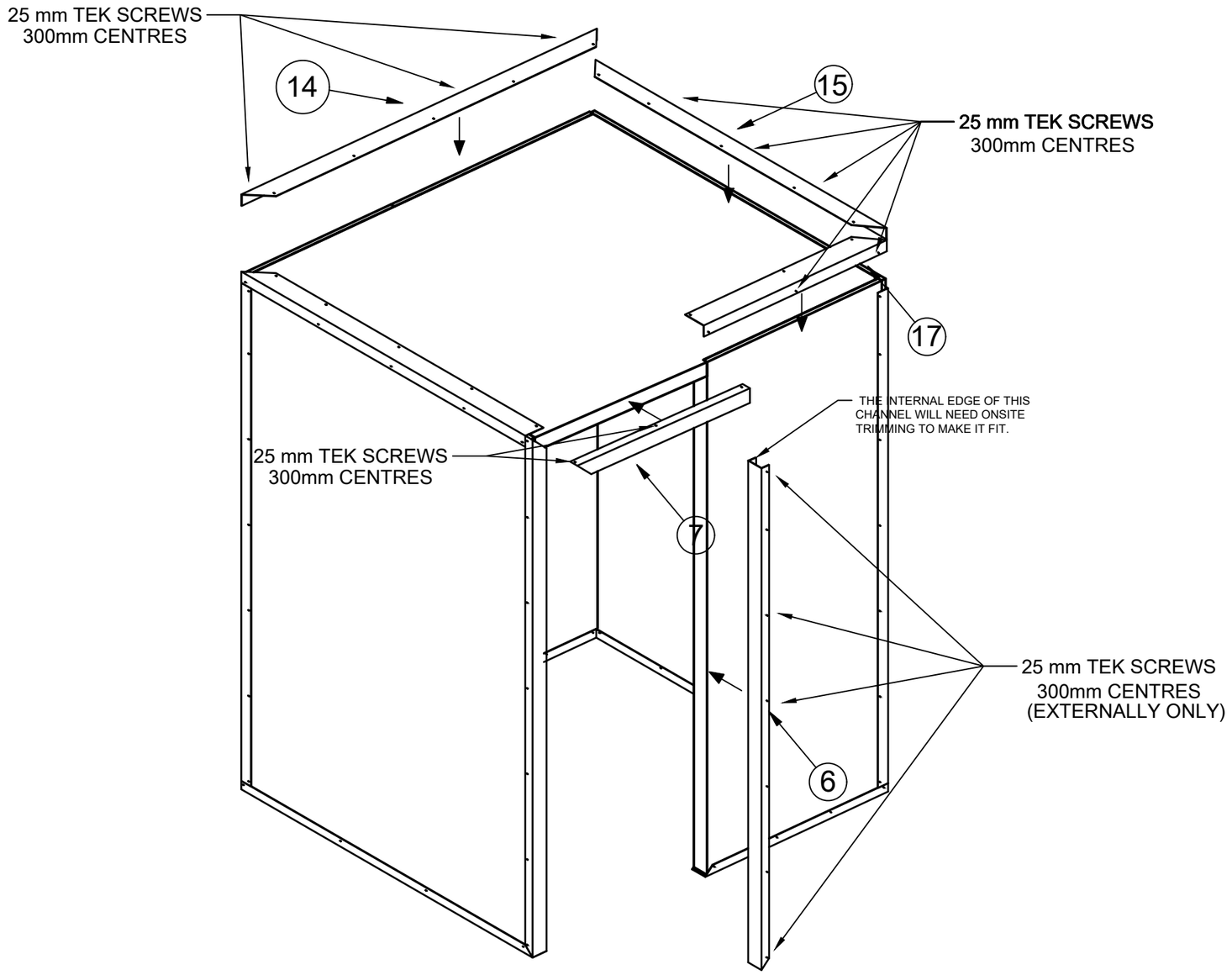
STEP 6:

PLACE THE BASE CHANNEL ⑤ OVER THE EXPOSED EDGE OF WALL PANEL 5,
SECURE THE EXTERNAL BOTTOM EDGE INTO POSITION ONLY. (KEEPING THE JOINT AS TIGHT AS POSSIBLE)
PLACE THE 70X40 ALUMINIUM ANGLE ⑯ OVER THE RIGHT SIDE WALL, MAKE SURE THE TOP OF
THE ANGLE ⑧ AND THE MITRED EDGE OF THE 70X40ANGLE ARE TOUCHING AND LEVEL.
FASTEN THIS POINT OFF USING THE 25mm TEK SCREWS SUPPLIED.
NEXT ALIGN THE ALUMINIUM ANGLE ⑯ & BASE CHANNEL ⑤ INTO POSITION, (AT THE TOP)
FASTEN THE CORNER OFF AS TIGHTLY AS POSSIBLE (MAKING SURE THEY ARE LEVEL)
THEN FASTEN THEM OFF, 300mm CENTRES EXTERNALLY ONLY. (DO NOT FASTEN INTO THE ROOF)
USING A SPIRIT LEVEL ALONG THE DOOR CHANNEL, TOO ENSURE IT IS CONSISTENTLY FLAT)

MATERIAL LIST

ITEM	DESCRIPTION	MAT.L
16	ALUMINIUM ANGLE 70X40, 1171MM LONG(LEFT ROOF)	MF
5	50mm BASE CHANNEL, 1950mm LONG (DOOR TRIM)	MF

FILE NAME GENESIS128 CUSTOM	SCALE N.T.S	PANEL SOLUTIONS AUSTRALIA
DRAWN M GREEN	SHEET 6 OF 9	
DEPT	DWG NO PSA00141	



STEP 7:

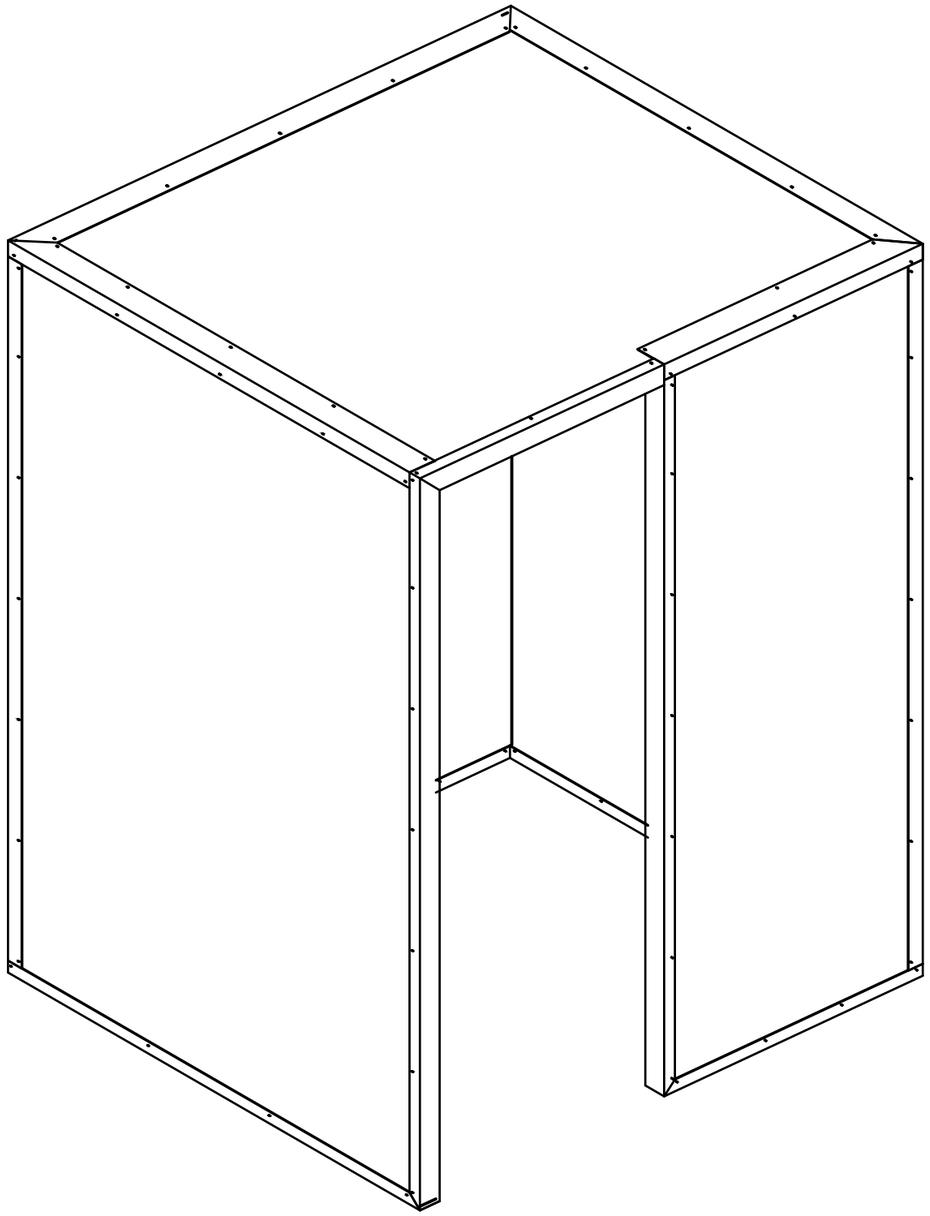
SECURE THE 70X40 ALUMINIUM ANGLES TO THE REST OF THE ROOF AND WALL JOIN.
ONCE SATISFIED WITH THE FIT, SECURE THE ANGLE TO THE ROOF. (PAYING PARTICULAR ATTENTION TO THE MITRE JOINS.
NOW PLACE THE BASE CHANNEL ⑥ INTO POSITION OVER THE EDGE OF PANEL 4. DOUBLE CHECK THE WIDTH BETWEEN THE CHANNELS AS A 620 MM CLEARANCE IS REQUIRED.(SOME TRIMMING OF THIS BASE CHANNEL INTERNALLY IS REQUIRED) NEXT FASTEN OFF THE BOTTOM MITRE JOIN AT THIS POINT USING THE 25mm TEK SCREWS SUPPLIED. NOW INSERT THE BASE CHANNEL ⑦ INTO POSITION AND CHECK FIT, IT MAY BE TIGHT. FASTEN INTO POSITION EXTERNALLY ONLY.

MATERIAL LIST

ITEM	DESCRIPTION	MAT.L
14	ALUMINIUM ANGLE 70X40, 1400MM LONG(REAR ROOF)	MF
15	ALUMINIUM ANGLE 70X40, 1200MM LONG(RIGHT ROOF)	MF
17	ALUMINIUM ANGLE 70X40, 726MM LONG(FRONT ROOF)	MF
6	50mm BASE CHANNEL, 1910mm LONG (DOOR TRIM)	MF
7	50mm BASE CHANNEL, 675mm LONG (DOOR TRIM)	MF

FILE NAME GENESIS128 CUSTOM	SCALE N.T.S	PANEL SOLUTIONS AUSTRALIA
DRAWN M GREEN	SHEET 7 OF 9	
DEPT	DWG NO PSA00142	

REMOVE THE SMALL ANGLE A
BEFORE STARTING THIS STEP



STEP 8:

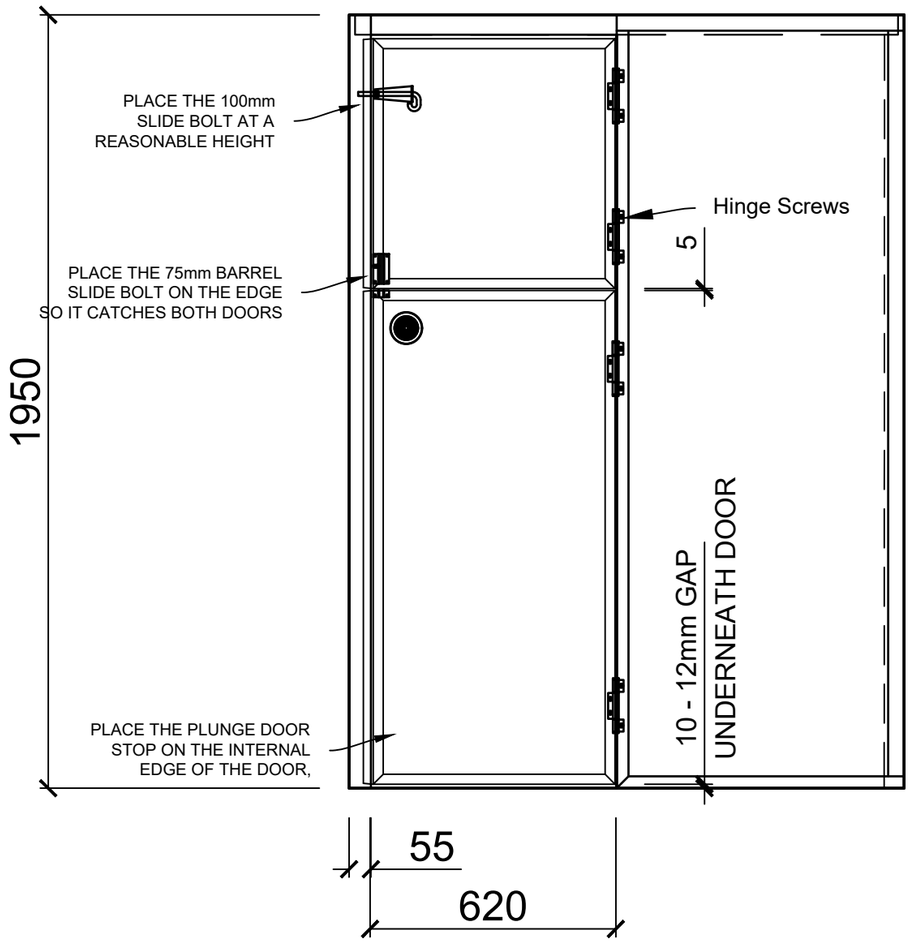
NOW SECURE THE INTERNAL ANGLES, THESE ARE ALL 25X25 PEICES.
STARTING WITH THE ROOF ANGLES, LOCATE ANGLE (10), USING THE 15mm WAFER SCREWS PROVIDED,
FASTENING IT TO THE LEFT HAND SIDE OF THE ROOM MAKING SURE THE MITRED EDGE IS FACING THE RIGHT WAY.
(SECURE OFF ONLY THE CORNER S TO START) NOW GO AROUND THE ROOM AND INSTALL THE OTHER ROOF ANGLES.
STARTING WITH THE REAR ROOF ANGLE (11), THEN THE RIGHT SIDE ROOF ANGLE (12), THEN THE FRONT ROOF ANGLE (13).
NOW GO BACK AND FASTEN OFF THE INSTALLED ANGLES AT 300mm CENTRES.
NEXT FOR SECURE THE INTERNAL VERTICAL ANGLES 9 , THESE ARE ALL 25X25 PEICES.
PLACE THE ANGLES INTO POSITION FIRST TO CHECK FIT, TRIM IF NEEDED. NOW FASTEN OFF USING THE WAFER SCREWS PROVIDED JUST LIKE YOU DID ON THE OUTSIDE. DO THE TOP AND BOTTOMS FIRST, THEN 300mm CENTRES.

ONCE THE ALUMINIM TRIMMING IS COMPLETE, BACK SEAL THE ENTIRE KENNEL WITH THE SILICONE PROVIDED.
PAY EXTRA ATTENTION TO THE ROOF AND ALL ITS JOINTS

MATERIAL LIST

ITEM	DESCRIPTION	MAT.L
9	ALUMINIUM ANGLE 25X25, 1844MM LONG(VERTICAL)	MF
10	ALUMINIUM ANGLE 25X25, 1097MM LONG(LEFT ROOF)	MF
11	ALUMINIUM ANGLE 25X25, 1297MM LONG(REAR ROOF)	MF
12	ALUMINIUM ANGLE 25X25, 1097MM LONG(RIGHT ROOF)	MF
13	ALUMINIUM ANGLE 25X25, 637MM LONG(FRONT ROOF)	MF

FILE NAME GENESIS 128 CUSTOM	SCALE N.T.S	PANEL SOLUTIONS AUSTRALIA
DRAWN M GREEN	SHEET 8 OF 9	
DEPT	DWG NO PSA00143	



FRONT VIEW

STEP 9:

WHEN ATTACHING THE DOORS, PAY CLOSE ATTENTION TO THE SPACES BETWEEN EACH DOOR AND THE FLOOR AND CEILING. ALLOW ENOUGH CLEARANCE FOR A SMOOTH ACTION.
(ALLOW AT LEAST 10mm BETWEEN THE FLOOR AND THE BOTTOM DOOR & 5mm BETWEEN EACH DOOR)
ONCE THE LOCATION OF THE DOORS IS SATISFACTORY, MARK & PRE DRILL A PILOT HOLE USING A 3.2mm DRILL BIT, PILOT HOLE THE TWO OUTSIDE SCREW POINTS ON EACH HINGE.
THEN SCREW OFF USING THE COUNTER SUNK HINGE SCREWS PROVIDED.
REPEAT FOR THE SCREW POINTS INSIDE THE DOOR FRAME.

ONCE THE DOORS ARE IN POSITION AND SWINGING FREELY. OPEN AND CLOSE THEM A COUPLE OF TIMES. THIS WILL MARK THE LOCATION IN WHICH THE SLIDE BOLT COVER & STRIKER PLATE NEEDS TO BE PLACED. ONCE THIS IS DONE, PLACE THE BOLT COVER OVER THE INTENDED AREA.
ONCE YOU ARE SATISFIED, DRILL OUT THE SCREW POINTS WITH THE 3.2mm PILOT HOLE AND FASTEN OFF.
MAKE SURE THE DOOR OPENS AND CLOSES PROPERLY. ONCE SATISFIED ATTACH THE REST OF THE PARTS.

FOR THE STRIKER PLATE, A 22mm HOLE WILL NEED TO BE PLACED APPROXIMATELY 27mm IN FROM THE LEADING EDGE OF THE DOOR FRAME. DOUBLE CHECK THAT THE CATCH ENGAGES.
ONCE YOU ARE SATISFIED, DRILL OUT THE SCREW POINTS WITH THE 3.2mm PILOT HOLE AND FASTEN OFF.

MATERIAL LIST

ITEM	DESCRIPTION	MAT.L

FILE NAME	GENESIS 128 CUSTOM	SCALE	N.T.S
DRAWN	M GREEN	SHEET	9 OF 9
DEPT		DWG NO	PSA00144

PANEL SOLUTIONS AUSTRALIA