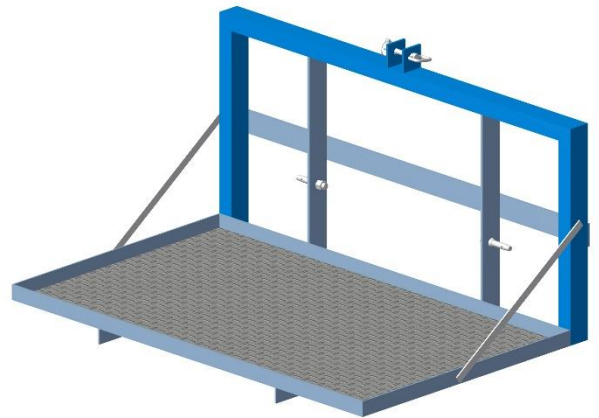


Three Point Linkage Carryall Plans Book

Includes Plans To Build The Following:

- 3pl carry all



Kurraglen Industries
PO Box 215
Gulgong, NSW, 2852
Australia

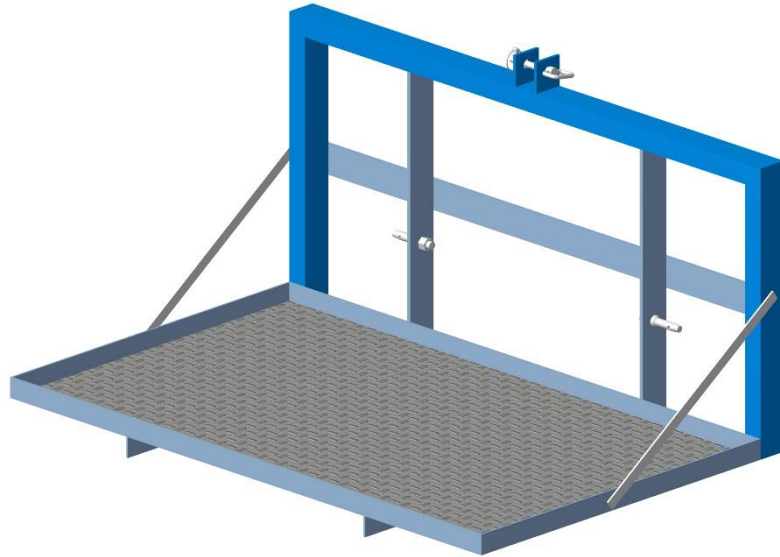
<https://www.kurraglenindustries.com.au>

sales@kurraglenindustries.com.au

<https://www.facebook.com/kurraglen/>



How to make a 3pl carryall



This carry all is useful for moving items around your farm such as a spray tank, fencing materials or tools or firewood, etc.

The steel shown in the cutting list is only a guide as you may have other material already available that you can use.

Note: If using timber for the floor, it is best to check the width of the timber you are going to use before cutting the angle for the floor to length to eliminate the need to rip the boards to fit.

Materials required			
Item No	Material	Length	Quantity
1	50x50x5mm angle	900mm	2
2	50x50x5mm angle	1490mm	2
3	50x5mm flat	975mm	2
4	75x50x2.5mm RHS	700mm	2
5	75x50x2.5mm RHS	1500mm	1
6	75x10mm flat	700mm	2
7	75x10mm flat	75mm	2
8	75x8mm flat	1500mm	1
9	25x5mm flat	650mm	2
	Lower 3 point linkage pins	To suit your tractor	2
	Upper 3 point linkage pin	To suit your tractor	1

1. Begin by cutting the steel to the required sizes. Note that Items 4 have one 45 degree mitre cut on one end and Item 5 has a 45 degree mitre cut on both ends. Ensure that the mitre cut is done across the correct side. Refer Diagram 3.

2. Cut notches from the ends of items 1 as shown on Diagram 1 and tack weld together after checking that the frame is square. Fully weld frame.

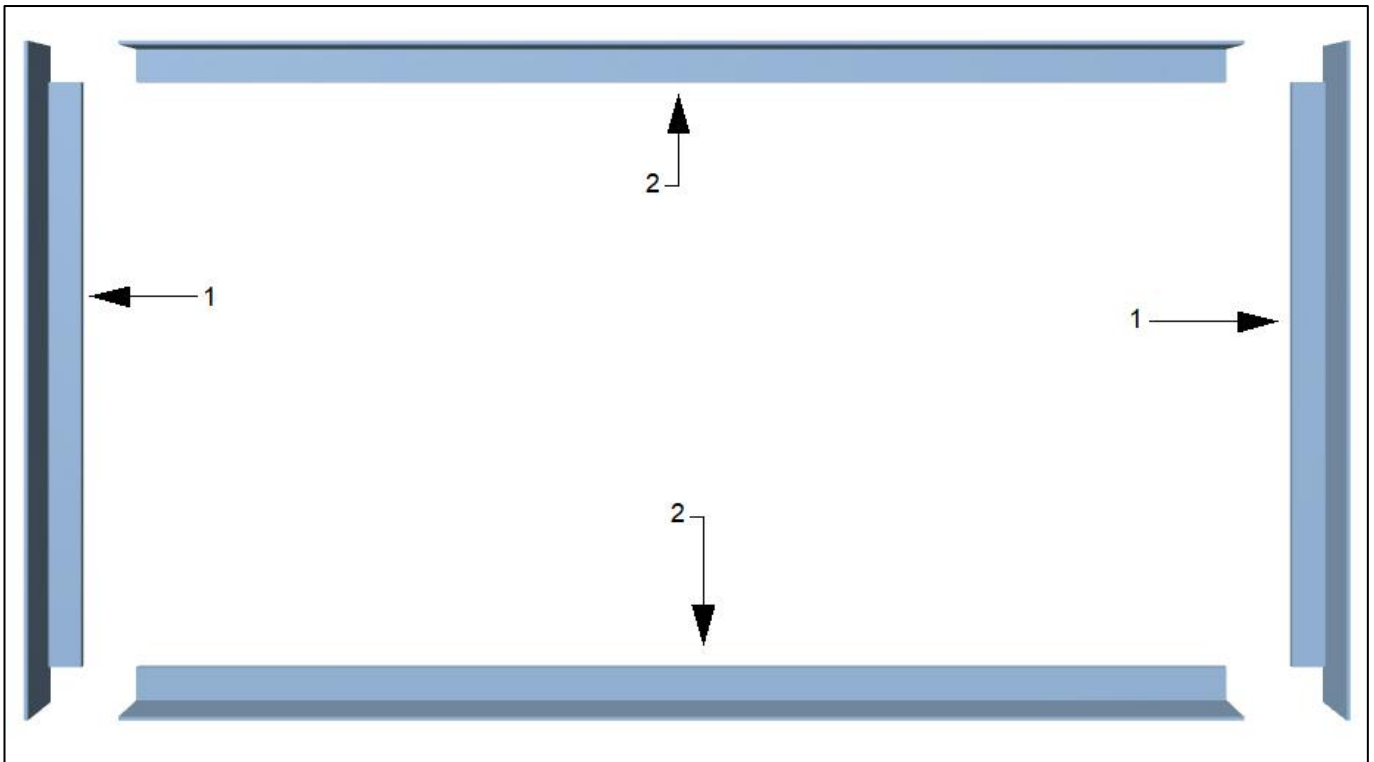


Diagram 1

3. Position the 50x5 flat bar (Items 3) on the under side of the angle frame and weld into place as shown in Diagram 2.

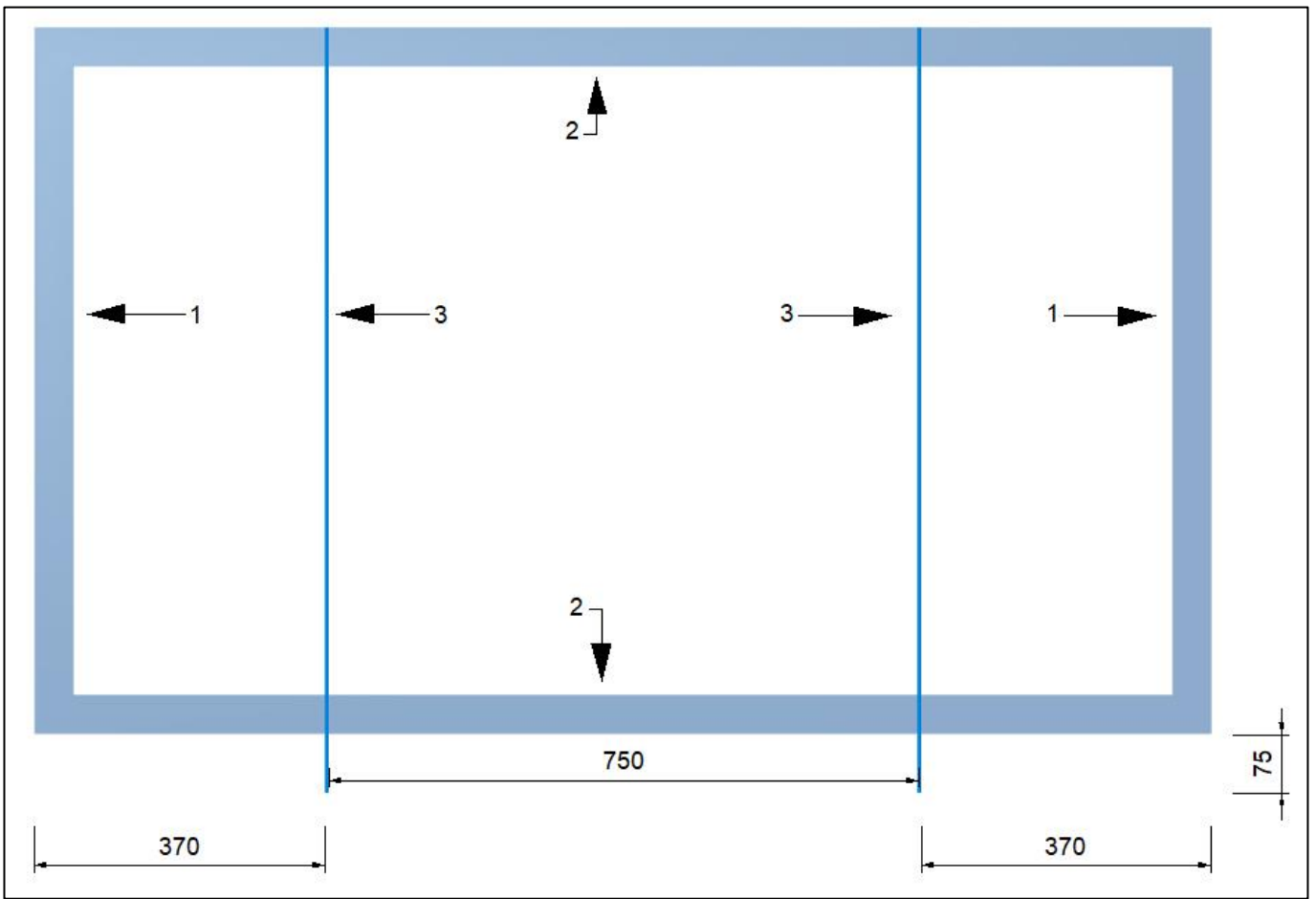


Diagram 2

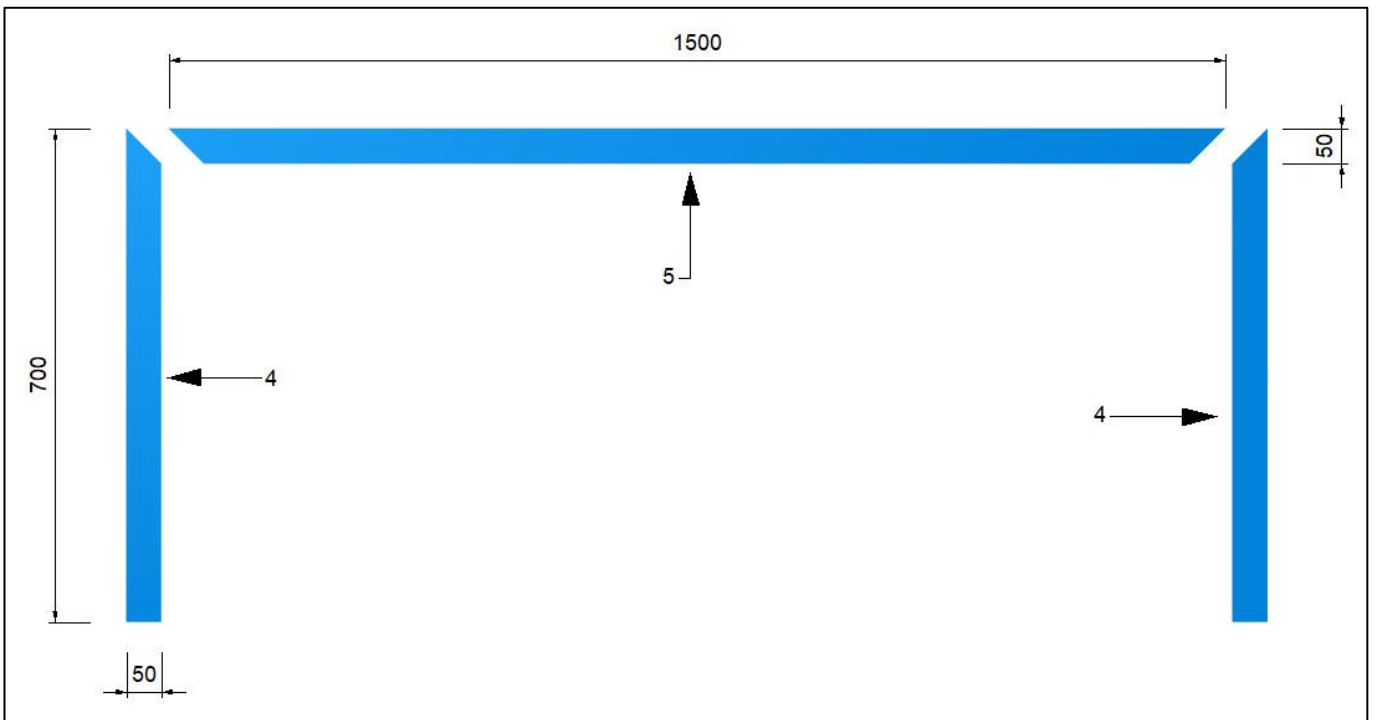


Diagram 3

4. Tack weld Items 4 and Item 5 together at the mitre cuts.

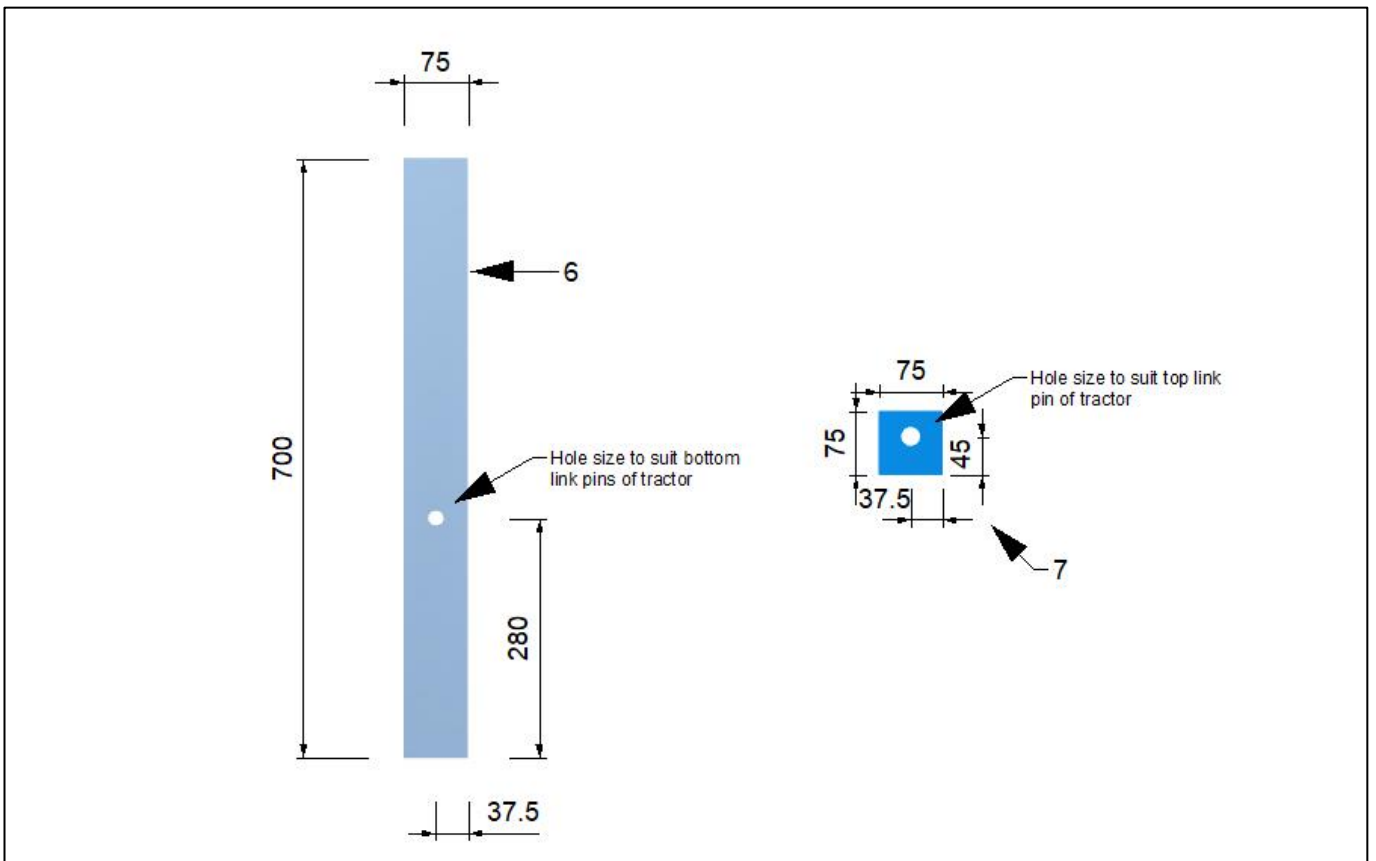


Diagram 4

5. Drill holes in Items 6 to suit your tractors lower pins and Items 7 to suit the top pin of your three point linkage.

6. Position the previously tack welded Items 4 and 5 as shown in Diagram 5 and tack weld.

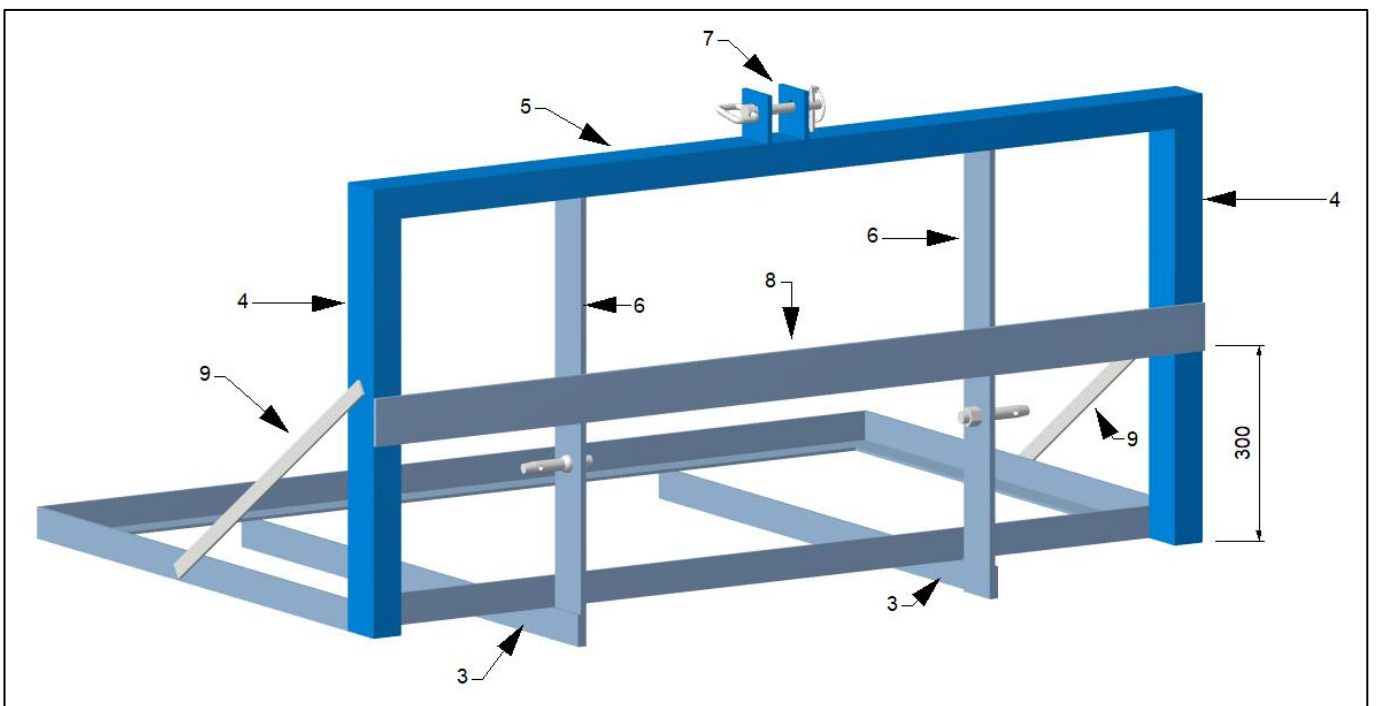


Diagram 5

7. Tack weld Items 6, Item 8 and Items 9 in place. Refer to Diagrams 5 and 6. Fully weld as required.

8. Position Items 7 in place and weld as shown in Diagram 6.

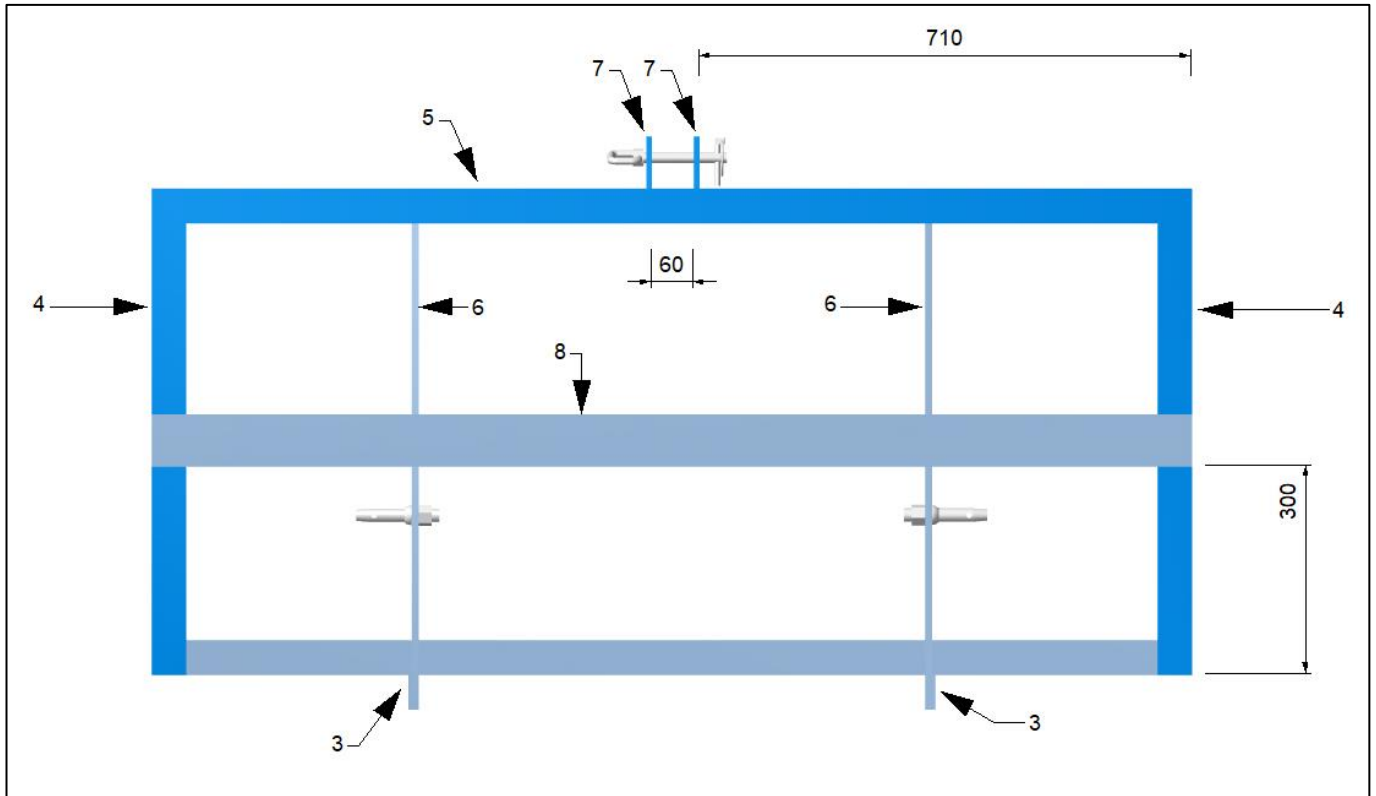


Diagram 6

9. Next, cut the floor to size. If using steel for the floor, this can either be welded in, screwed, bolted or riveted into place. If timber is used for the floor, fix using small countersunk head bolts, washers and nuts.

10. Grind any welds as required and paint.

Some free handy tools:

Linear cutting list optimiser: <https://www.kurraglenindustries.com.au/linear-cutting-list-calculator.htm>

Free project calculator: <https://www.kurraglenindustries.com.au/project-calculator.htm>