Technical Bulletin

J1500HP MODULAR ENCLOSURE

– *ASSEMBLY GUIDE FOR J1500HP PITS / PLINTH & LIDS*

Parts list

PART NO.	DESCRIPTION	QUANTITY	WEIGHT (x1) (Kg)
142520	Floor Base	x2	420
	Wall (centred window)	x2	468
	Wall (LS - offset window)	x1	525
	Wall (RS - offset window)	x1	525
142546 (Bracket Pack)	M16 Hex Head Bolt	x24	19
	M16 Washer	x24	
	M12 Hex Head Bolt	x12	
	M12 Washer	x12	
	Floor Joining Plate	x2	
	Corner Bracket	x12	
142581	Infill Panel	x4	2

The following is a basic methodology for installation.

1. Excavate greater than overall dimensions of the J1500HP pit and make allowances for surrounding soil / compaction. For overall dimensions, refer Specification Information sheet.

2. Remove all loose material from excavation. Level and compact base. Make sure hole is large enough to accommodate pit, plinth and fill.

3. Check all parts are present from the supplied parts list mentioned above.

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4. On level ground beside excavation, position side by side 2x Floor Bases and bolt them together using 2x Floor Joining Plates. Use 12x M12 Bolts and M12 Washer for fastening. See Figure 1.
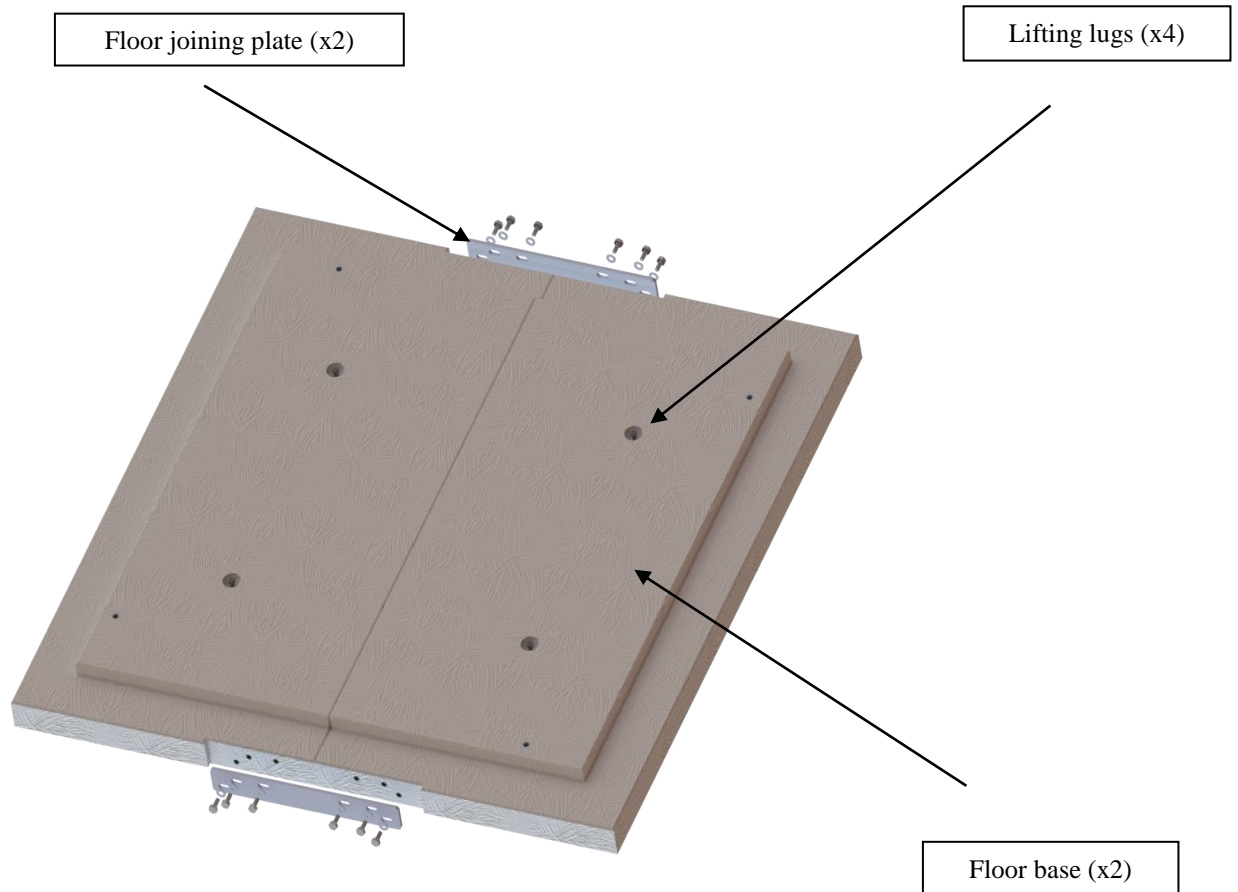
Floor joining plate (x2)

Lifting lugs (x4)

Floor base (x2)

Figure 1

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5. Connect to 4x lifting lugs attached to top of base and lower base assembly into the excavation.

6. Pick out 1x Wall (centred window)

7. Connect to x2 lifting lugs supplied on the top of the side.

8. Gently lift the Wall to the upright position and lower into the hole ensuring that it lowers onto the floor rebate. See Figure 2
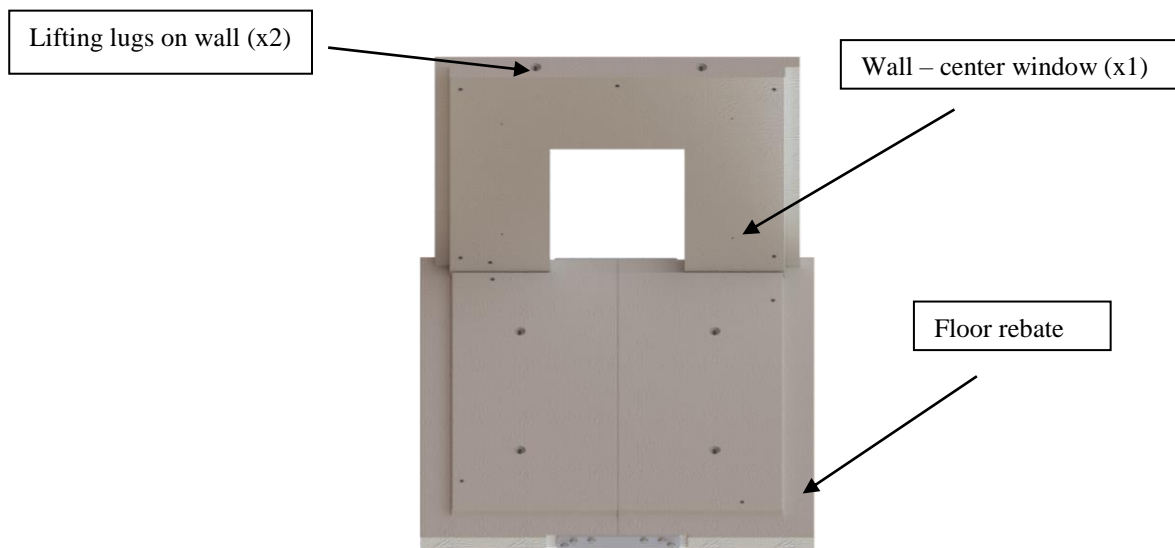
Lifting lugs on wall (x2)

Wall – center window (x1)

Floor rebate

Figure 2

9. Position Corner Bracket by aligning floor and side ferrules as shown in Figure 3. Use M16 Hex Head Bolts and M16 Washers for fastening. Don't overtight the bolts at this stage. Keep them loose so that the brackets can be adjusted accordingly.
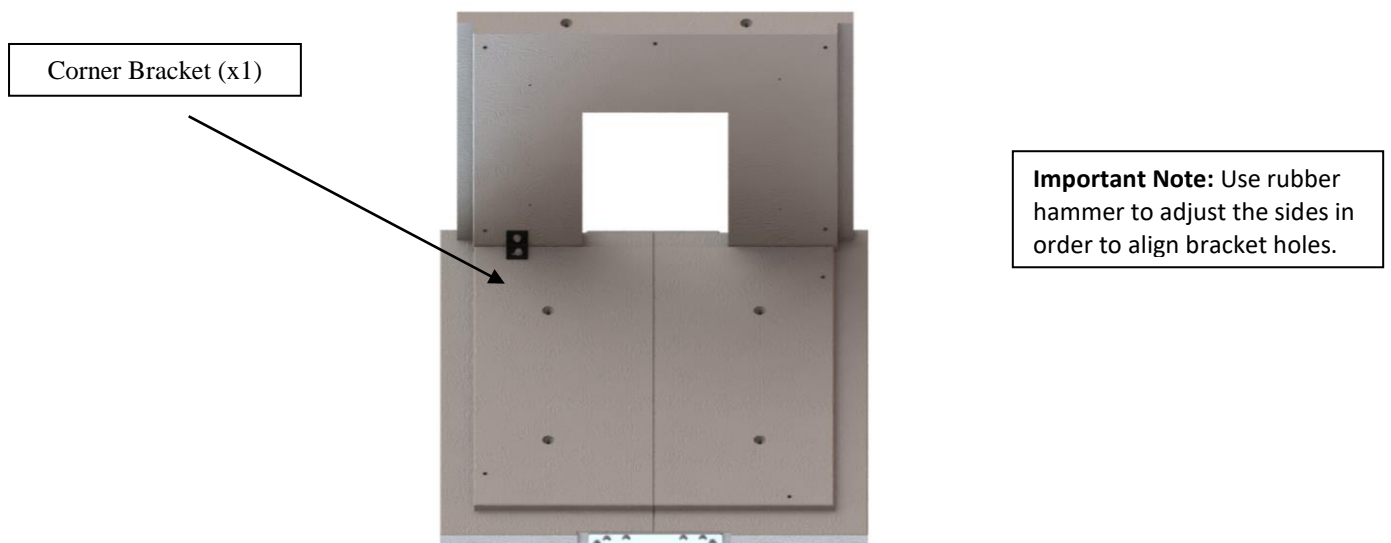
Corner Bracket (x1)

Important Note: Use rubber hammer to adjust the sides in order to align bracket holes.

Figure 3

Caution: Provide support to wall using lifting lugs as it is held by x1 Corner Bracket and x2 Bolts only. Continue providing support until you connect the 2nd side.

10. Pick out 1x Wall (RS - offset window).

11. Connect to 2x lifting lugs and gently lift to the upright position and lower into the hole ensuring that it lowers onto the floor rebate as shown in Figure 4. Position Corner Bracket using M16 Hex Head Bolts and M16 Washers by aligning floor and side ferrules. Don't overtight the bolts at this stage. Keep them loose so that the brackets can be adjusted accordingly.
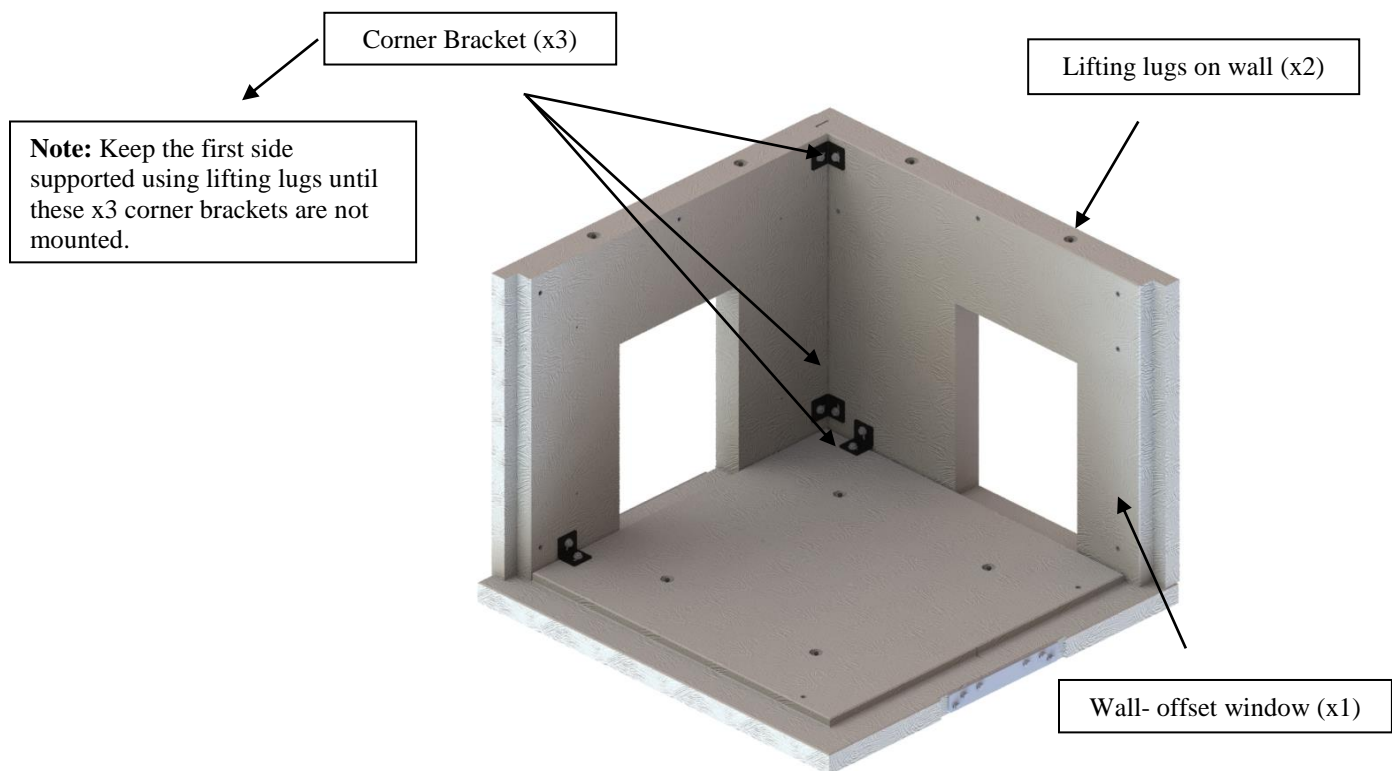
Corner Bracket (x3)

Lifting lugs on wall (x2)

Note: Keep the first side supported using lifting lugs until these x3 corner brackets are not mounted.

Wall- offset window (x1)

Figure 4

12. Pick out another Wall (centred window).

13. Connect to 2x lifting lugs and gently lift to the upright position and lower into the hole ensuring that it lowers onto the floor rebate as shown in Figure 5. Position Corner Bracket using M16 Hex Head Bolts and M16 Washers by aligning floor and side ferrules. Don't overtight the bolts at this stage. Keep them loose so that the brackets can be adjusted accordingly.
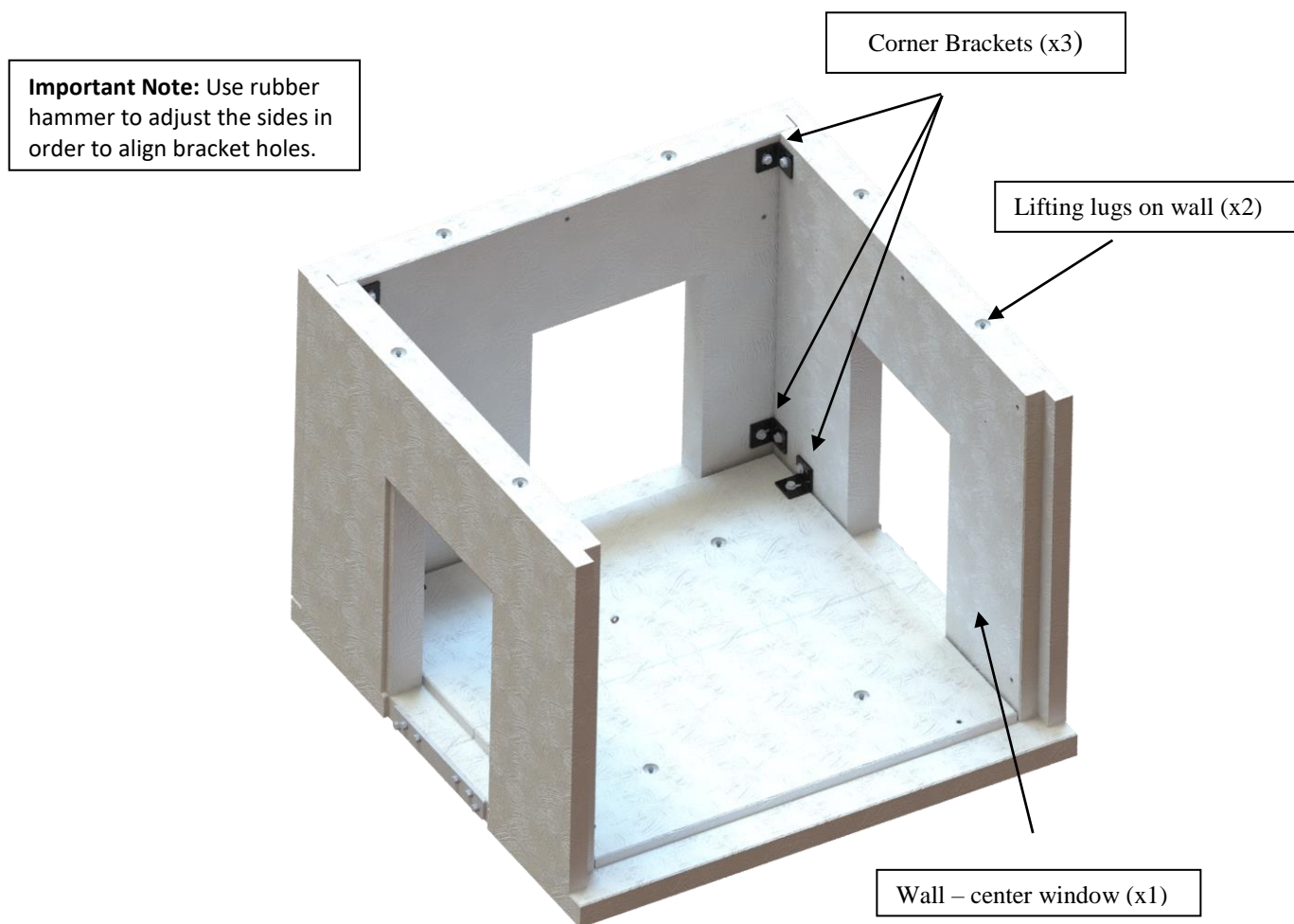
Important Note: Use rubber hammer to adjust the sides in order to align bracket holes.

Corner Brackets (x3)

Lifting lugs on wall (x2)

Wall – center window (x1)

Figure 5

14. Pick out another wall (LS - off set Window).

15. Connect to 2x lifting lugs and gently lift to the upright position and lower into the hole ensuring that it lowers onto the floor rebate as shown in Figure 6. Position Corner Bracket using M16 Hex Head Bolts and M16 Washers by aligning floor and side ferrules. Don't overtight the bolts at this stage. Keep them loose so that the brackets can be adjusted accordingly.
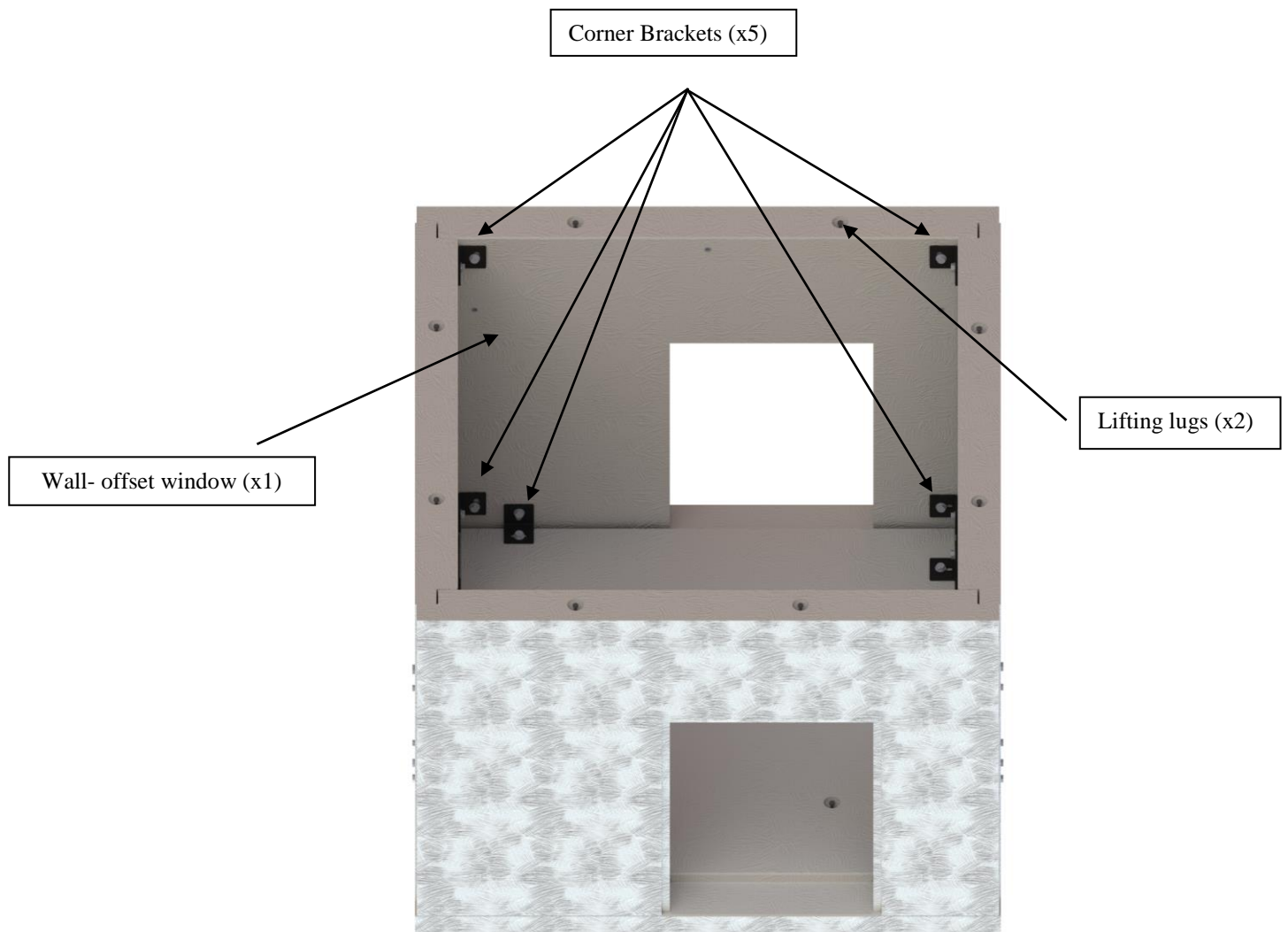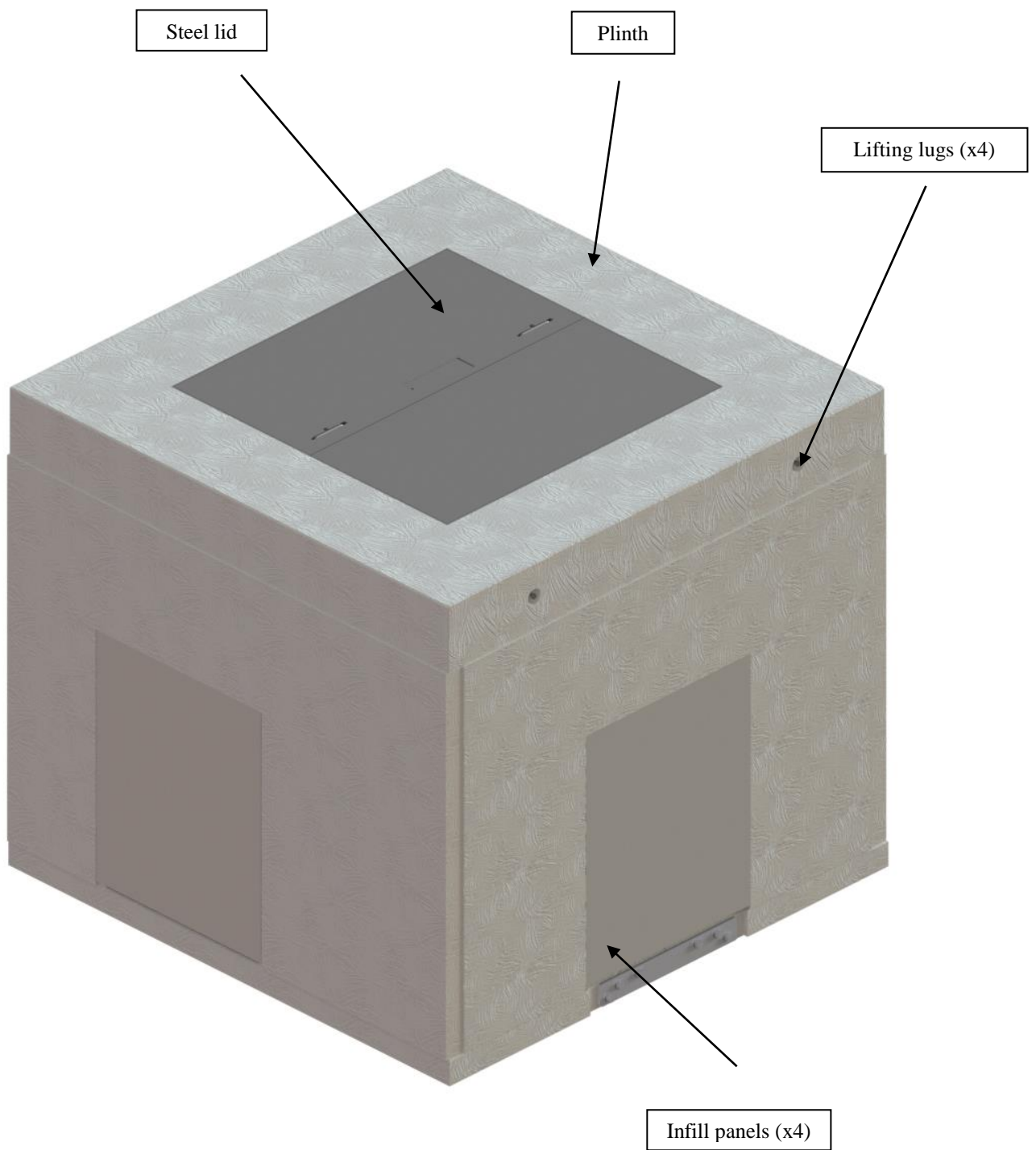
Corner Brackets (x5)

Wall- offset window (x1)

Lifting lugs (x2)

Figure 6

16. Ensure that walls are level and square and all bolts in 12x corner brackets are fully tightened.

17. If level is satisfactory connect to 4x lifting lugs and gently lift and lower the plinth 1000HP-15 to the pit centrally.

18. Ensure that plinth is level.

19. The J1500 enclosure is ready for connection with conduits and cabling.

20. Infill panels (x4) to be placed in all windows.

Steel lid

Plinth

Lifting lugs (x4)

Infill panels (x4)

Complete Assembly