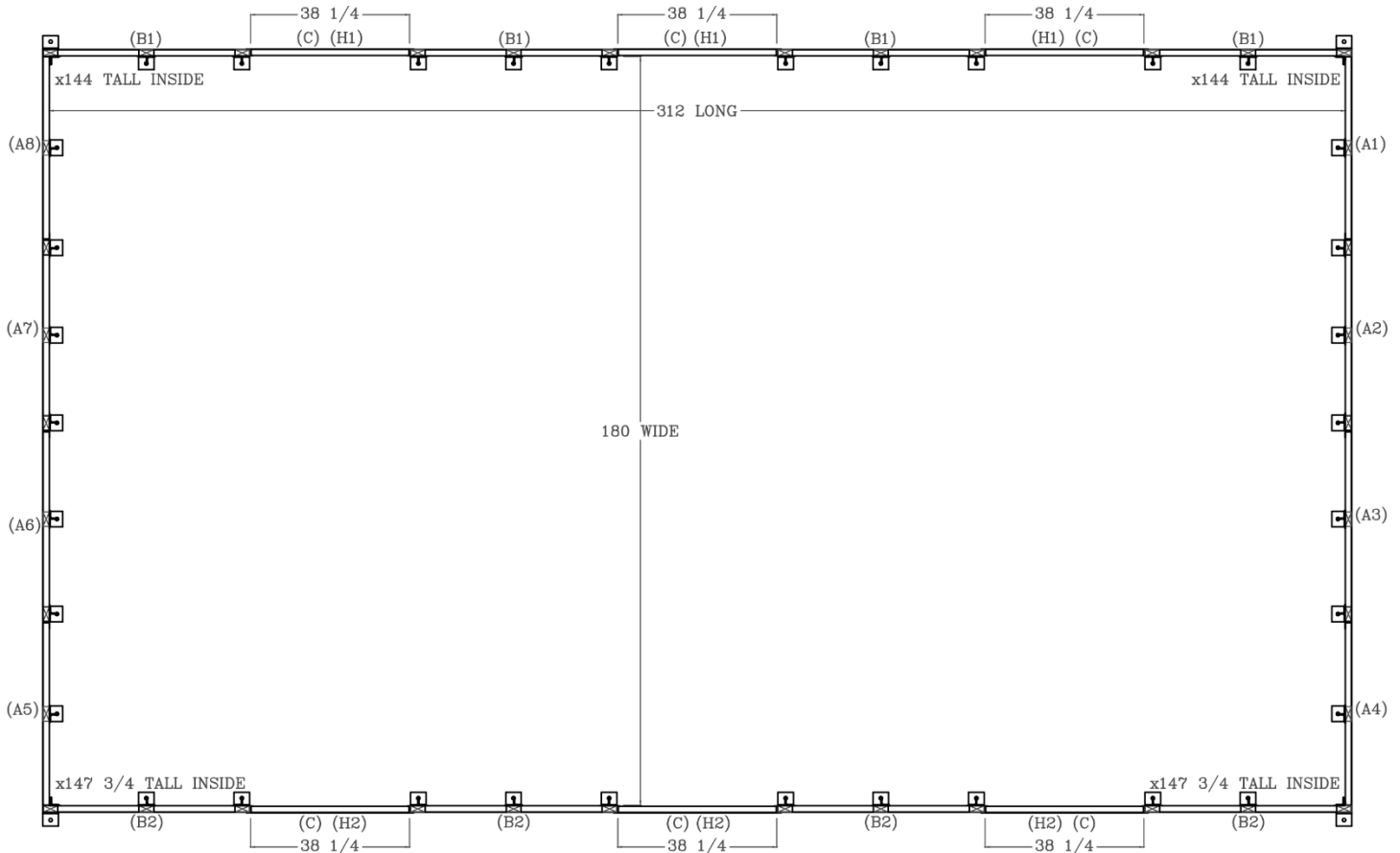


Model No. LES 180-312-144

ASSEMBLY INSTRUCTIONS - PLEASE READ CAREFULLY



Enclosure Plan View (See Larger Image on the Last Page)

1. **Do not remove the PVC masking film** until the enclosure is fully assembled. The PVC masking film will protect the enclosure's outer finish during installation.
2. The concrete base should be 6" thick, 14" longer than enclosure ID and 14" wider than enclosure ID. Please note that the concrete base should be level, or the "C" (access) panels may be difficult to install.
3. Mark the concrete base for outside the enclosure (3 3/8" wider than ID and 3 1/8" longer than ID).
4. All "A#" and B#" panels are factory reinforced against strong winds with L2x2 unless noted otherwise.
5. Assemble the "A#-B#" (corner) assemblies through the holes provided oriented as shown in the Enclosure Plan View using Hex Head Screws. (For best results, insert a bead of silicone caulk into the inside bend of the "A#" panel corners.) Set them on the marked concrete base (Fig. 1).

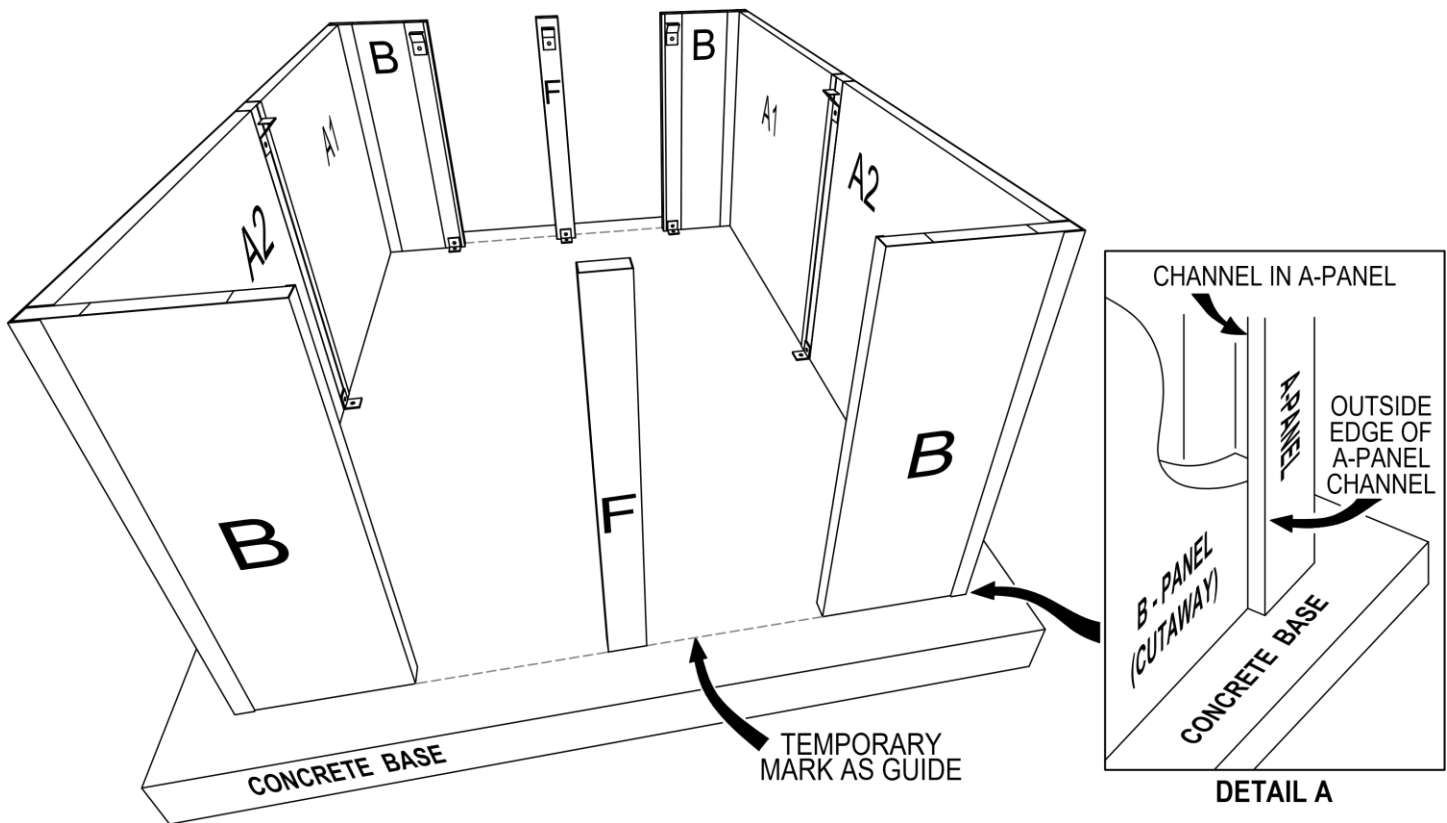


FIG. 1

NOTE: “B#” panels will be used in place of “F” posts, see the Enclosure Plan View.

6. Stand the “A2”, “A3”, “A6” and “A7” (end) panels firmly together with the “A#-B#” (corner) assemblies oriented as shown in the Enclosure Plan View. Measure and verify the inside width along the “A#” panels. If this width is greater than 180 1/4” as measured from the insulation at the B#” panels, the “A#” panels can be pressed more tightly together. Temporarily positioning the “D1” panels on the assembled corners may help to ensure a good roof fit at the “A” (end) panels and corners. Once the inside width and roof fit is confirmed, fasten the “A#” panels together using Hex Head Screws at the marked locations. (For best results, insert a bead of silicone caulk into the inside bend of the “A#” panel flanges.)
7. The PVC masking film has been factory marked at the center of each stud at the top, outside along the “A#” (end) panels. The mark comes below the roof flange of the “D1” (roof) panels to allow for Hex Head Screws to be installed in the roof flange on center with the studs.
8. With one of the “D1” (roof) panels in place on a “B-A-B” (corner-end-corner) assembly, fasten them together at the marked locations (Fig. 2) using nine (9) Hex Head Screws. Screws should fasten to the wooden studs to resist strong winds.
9. Insert Inside Roof Clips into the “D1” (roof) panel at all “A#” panel stud locations (Fig. 2C) and then attach the clips as shown using one (1) Hex Head Screw per clip.

10. Repeat the “D1” (roof) panel assembly on the other “B-A-B” (corner-end-corner) assembly.
11. Install the “H#” (header) panels in the following roof assembly steps while trying to maintain about a 3/16” gap on both sides of each “H#” (header) panel. Measure and verify the inside length of the enclosure during assembly progress. If the measurements do not match the Enclosure Plan View, compensate by increasing or decreasing the suggested 3/16” gap until the inside length is correct. Try to maintain the same gap at all gap locations.
12. Once the approximate “H#” (header) panel gap is determined, “temporarily” install the “H#” (header) panels between the “B#” (side) panels. Fasten the “H#” (header) panels in place for roof support with the required approximate gap on each side of the panels using Hex Head Screws at the marked locations. It’s a good idea to leave some header panel assembly screws uninstalled and/or loose to allow for final adjustments after fitting the roof.
13. Inspect the alignment of the “C” (access) panels during assembly. Verify that their removal and replacement allow adequate space and positioning with the adjacent panels prior to attaching brackets to the concrete.

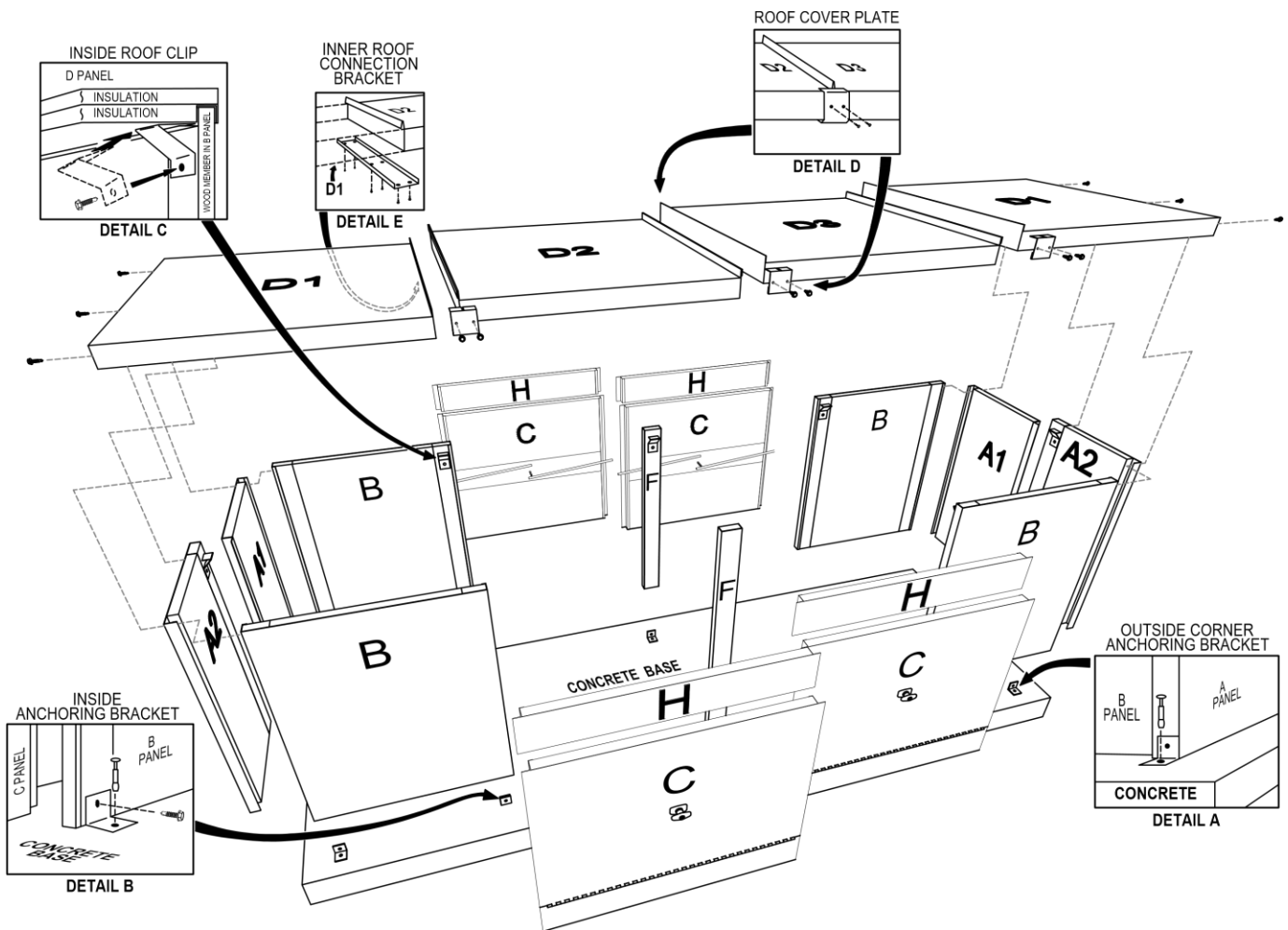


FIG. 2

NOTE: “B#” panels will be used in place of “F” posts, see the Enclosure Plan View.

14. Position the “D2” and “D3” (roof) middle panels (Fig. 3) between the “D1” (roof) end panels and set them in place. Place the “D3” (roof) panels one at a time, and then fit the “D2” (roof) panel into the final position.

15. Place Inner Roof Connection Brackets under all “D#-D#” 2x8 panel connections on the inside and then fasten them into place (Fig. 2E) using Hex Head Screws.

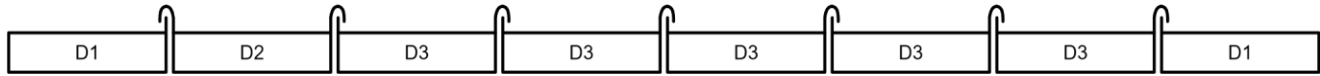


FIG. 3

16. Complete the Anchoring Bracket, roof fastening and Inside Roof Clip installations in the following steps on one side and one end before moving on to the other side and end of the enclosure. Fastening each anchoring bracket will require two (2) Hex Head Screws installed first and then one (1) Anchor Bolt per bracket installed last. (Note that the remaining Hex Head Screws will be installed at the end of the enclosure assembly. Start by installing the lowest screws first such that the Anchor Bolt will not interfere with installing the final screws later.) Fastening each Inside Roof Clip will require one (1) Hex Head Screw per clip.

17. Attach Anchoring Brackets at the “A1-B1” and the “A8-B1” (corner) assemblies on the first side of the enclosure (Fig. 2A) oriented as shown in the Enclosure Plan View, and then fasten them to the concrete.

18. Attach Anchoring Brackets to the “B1” (corner) panel studs at the bottom, inside on the first side of the enclosure (Fig. 2B) oriented as shown in the Enclosure Plan View, and then fasten them to the concrete.

19. With the “C” (access) panels aligned and spaced with approximately a 3/16” gap on each side, install Anchoring Brackets (Fig. 2B) at the bottom of the “B1” (middle) panels on the first side of the enclosure.

20. Insert Inside Roof Clips into the “D#” (roof) panels at the “B1” (side) panel studs (Fig. 2C) along the first side of the enclosure and then fasten them in place.

21. Fasten the “D#” (roof) panels to the “B1” (side) panels outside at all wooden stud locations using Hex Head Screws. The stud centers should be 1³/₄” from the edge of the “B1” panels, with one of the studs being in the center of the “B1” panels. Note the orientation and location of the wooden studs in the Enclosure Plan View.

22. Attach Anchoring Brackets to the “A#” (end) panel studs at the bottom, inside on the first end of the enclosure (Fig. 2B) oriented as shown in the Enclosure Plan View, and then fasten them to the concrete.

23. Repeat these Anchoring Bracket, roof fastening and Inside Roof Clip steps on the other side and end. Note that all provided Anchoring Brackets and Inside Roof Clips must be installed for the enclosure to withstand strong winds. Every wall stud location should have a Hex Head Screw fastening the roof to the enclosure on the outside.

24. Finish installing and tightening the screws in the “H#” (header) panels.



ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS™

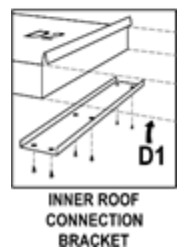
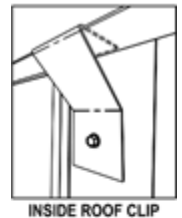
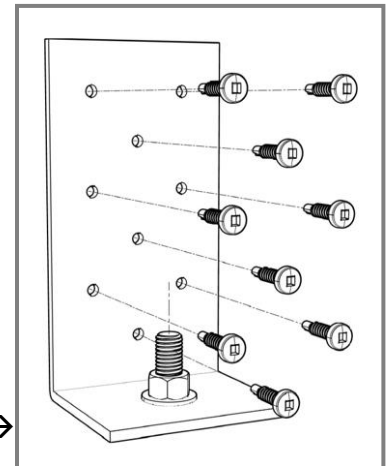
25. Fasten the “C” (access) panels to the “B” (side) panels using Hex Head Screws at the marked locations. This will reinforce the enclosure against strong winds.
26. Install Roof Cover Plates on the “D#-D#” seams (Fig. 2D) using four (4) Hex Head Screws per plate.
27. Install the remaining seven (7) Hex Head Screws into each of the Anchoring Brackets. All screw holes must be populated with screws. All bracket screws must be installed for the enclosure to withstand strong winds.
28. Make sure that each marked location has a hex head screw installed to withstand strong winds.
29. Provide a ground-fault interrupter device in all electrical circuits per all applicable codes. Install the heater(s) as per the manufacturer’s instructions and governing local and national codes.
30. For maximum protection, it is suggested that the area between the bottom of the enclosure and the concrete base should be caulked except for the “C” panels. **DO NOT CAULK THE BOTTOM OF THE “C” PANELS.**
31. **REMOVE THE PVC MASKING FILM IMMEDIATELY AFTER INSTALLATION.** If the panels get wet with the masking film in place, water will irreversibly stain the panels. Summertime heat will bake the masking film onto the panels.

Model No. LES 180-312-144

CONTENTS

1. Assembly parts included:

- A. 1- "A1" (end corner) Reinforced Panel
- B. 1- "A2" (end) Reinforced Panel
- C. 1- "A3" (end) Reinforced Panel
- D. 1- "A4" (end corner) Reinforced Panel
- E. 1- "A5" (end corner) Reinforced Panel
- F. 1- "A6" (end) Reinforced Panel
- G. 1- "A7" (end) Reinforced Panel
- H. 1- "A8" (end corner) Reinforced Panel
- I. 4- "B1" (side middle corner) Reinforced Panels
- J. 4- "B2" (side middle corner) Reinforced Panels
- K. 4- "C" (access) Panels
- L. 2- "C" (access) Panels with Drain Flaps
- M. 2- "D1" (roof end) Panels
- N. 1- "D2" (roof middle) Panel
- O. 5- "D3" (roof middle) Panels
- P. 3- "H1" (header) Panels
- Q. 3- "H2" (header) Panels
- R. 38- Anchoring Brackets (3 3/4"x3"x7"; 13/16" Anchor Bolt Hole) → → → →
- S. 34- Inside Roof Clips
- T. 14- Roof Cover Plates (large custom roof thickness with 4 holes)
- U. 7- Inner Roof Connection Brackets
- V. 1- Package of 38 Anchors @ 5/8" x 6"
- W. 1- Package of Hex Head Screws
- X. 1- Masonry Bit
- Y. 1- Magnetic Chuck



2. Tools needed:

- A. Hammer
- B. Screw Gun
- C. 3/4" Wrench
- D. Hammer Drill

