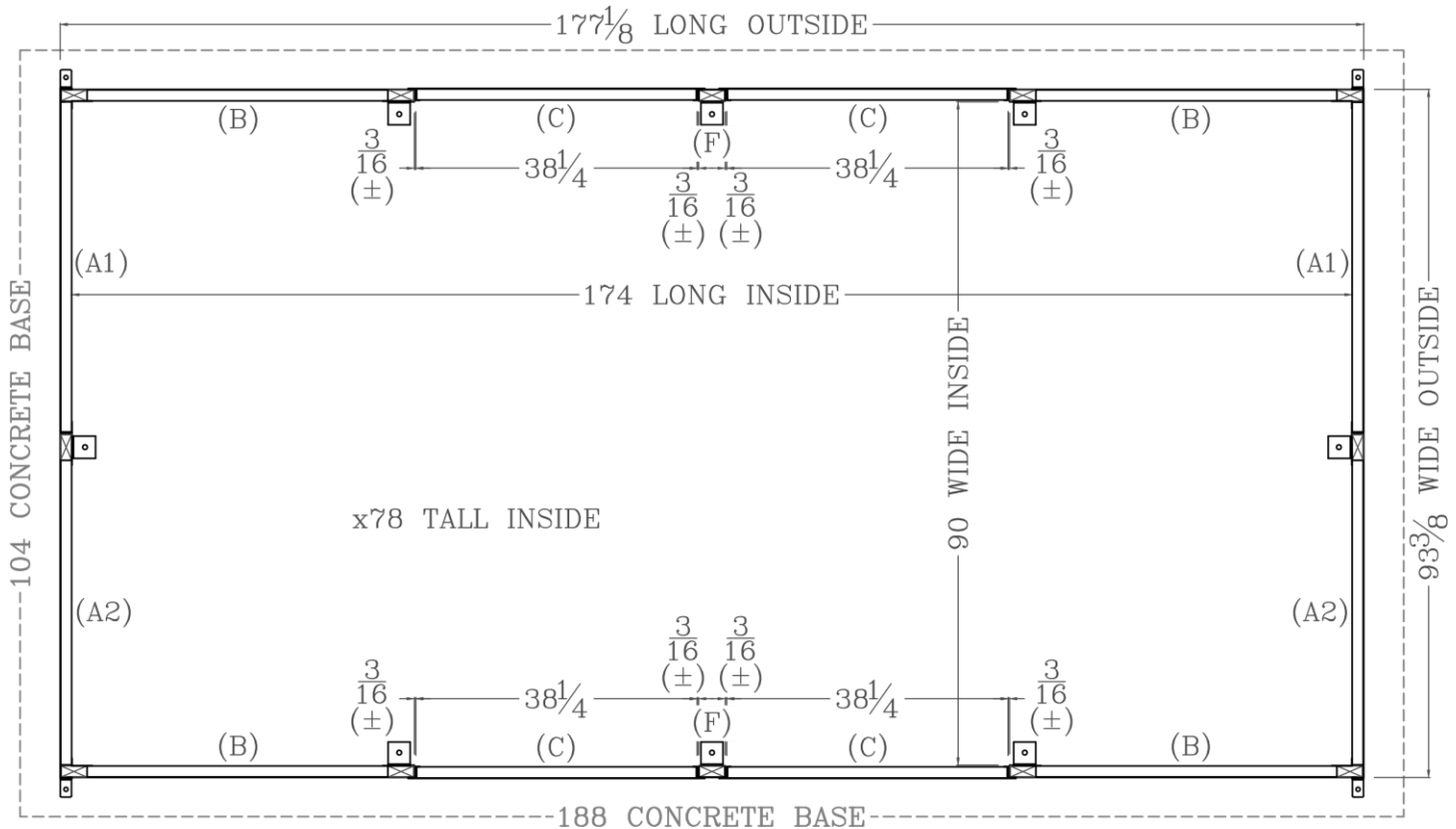


Model No. 1000DS-AL (3/23/23)

ASSEMBLY INSTRUCTIONS - PLEASE READ CAREFULLY



Enclosure Plan View

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, 188" long and 104" wide. 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 (93 3/8" wide by 177 1/8" long).
4. Assemble the "A#-B" (corner) assemblies through the holes provided 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).

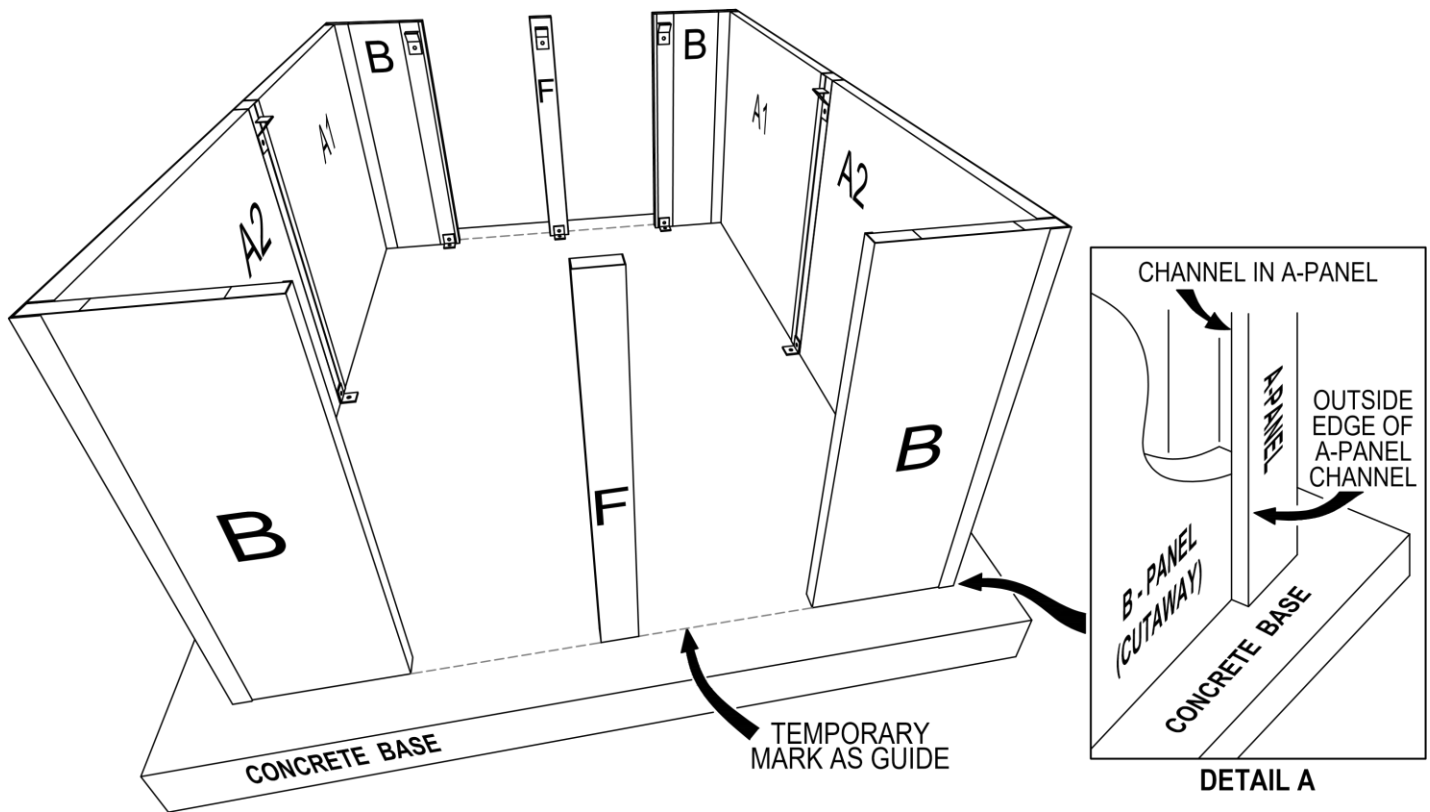


FIG. 1

NOTE: model sizes and configurations vary, see the Enclosure Plan View.

5. Position the “A1” and “A2” (end) panels firmly together and then assemble them using Hex Head Screws through the holes provided making sure that the panels are pulled tightly together before tightening the screws. (For best results, insert a bead of silicone caulk into the inside bend of the “A1” panel flanges.)
6. Set the “C” (access) panels and the “F” (support) posts in place in the following roof assembly steps while trying to maintain about a $\frac{3}{16}$ ” gap on both sides of each “C” (access) panel. Measure and verify the inside length of the enclosure during assembly progress. If the length does not match the Enclosure Plan View, compensate by increasing or decreasing the suggested $\frac{3}{16}$ ” gaps until the inside length is correct. Try to maintain the same gap at all gap locations.
7. Place one of the “D1” (roof) panels on a “B-A1-A2-B” (corner-end-corner) assembly and then fasten the roof as shown through the holes provided (Fig. 2) using three (3) Hex Head Screws.
8. Insert an Inside Roof Clip into the “D1” (roof) panel at the “A2” panel stud (Fig. 2C) and then attach it as shown using one (1) Hex Head Screw.
9. Repeat the “D1” (roof) panel assembly on the other “B-A1-A2-B” (corner-end-corner) assembly.

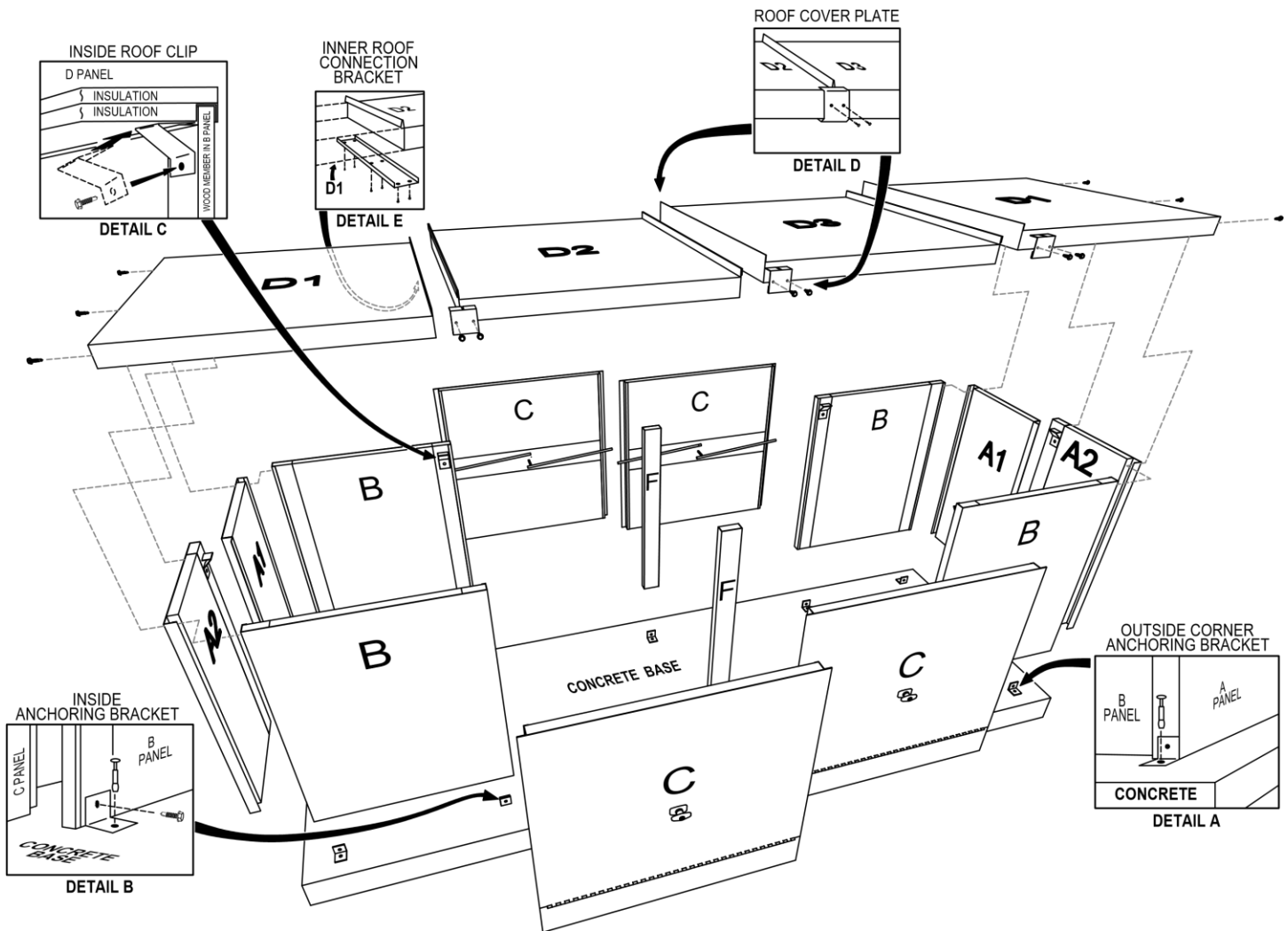


FIG. 2

NOTE: model sizes and configurations vary, see the Enclosure Plan View.

10. 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.
11. 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) panel at one end, and then fit the “D2” (roof) panel into the final position.
12. Place Inner Roof Connection Brackets under all “D#-D#” 2x4 panel connections on the inside and then fasten them into place (Fig. 2E) using Hex Head Screws.

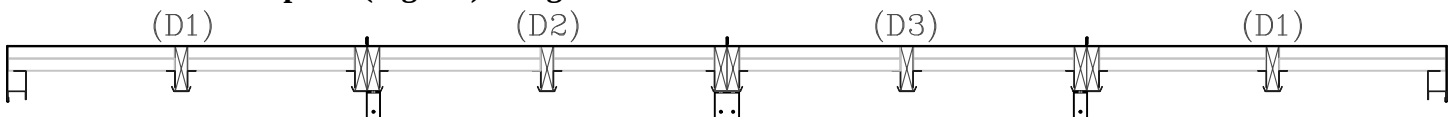


FIG. 3



ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS™

13. Complete the bracket and 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 per bracket installed last. Fastening each Inside Roof Clip will require one (1) Hex Head Screw per clip.
14. Attach Outside Corner Anchoring Brackets (small) at both “A1-B” (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.
15. Attach Inside Anchoring Brackets (large) to the “B” (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.
16. With the “F” (support) post aligned in the space between the “C” (access) panels allowing approximately a $\frac{3}{16}$ ” gap between panels, install an Inside Anchoring Bracket (large) (Fig. 2B) at the bottom of the “F” (support) post on the first side of the enclosure.
17. Position a Wide Roof Bracket under the “D2-D3” panel rafter connection at the “F” (support) post stud (Fig. 3) on the first side of the enclosure and then fasten it in place using four (4) Hex Head Screws.
18. Position Narrow Roof Brackets under the “D1-D#” panel rafter connections at the “B” (side) panel stud locations (Fig. 3) on the first side of the enclosure and then fasten them in place using two (2) Hex Head Screws per bracket.
19. Attach an Inside Anchoring Bracket to the “A2” panel stud at the bottom, inside on one end of the enclosure (Fig. 2B) and then fasten it to the concrete.
20. Repeat these bracket and clip steps on the other side and end. Note that all provided anchoring brackets, Narrow Roof Brackets and Inside Roof Clips must be installed for the enclosure to withstand strong winds.
21. Install Roof Cover Plates on the “D#-D#” seams (Fig. 2D) using four (4) Hex Head Screws per plate.
22. 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.
23. 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.**
24. **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.



ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS™

Model No. 1000DS-AL

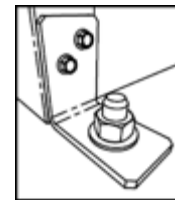
CONTENTS

1. Assembly parts included:

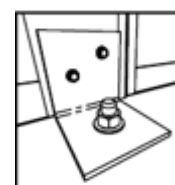
- A. 2- "A1" (end corner) Panels
- B. 2- "A2" (end corner) Panels
- C. 4- "B" (corner side) Panels
- D. 2- "C" (access) Panels
- E. 2- "C" (access) Panels with Drain Flaps
- F. 2- "D1" (roof end) Panels
- G. 1- "D2" (roof middle) Panel
- H. 1- "D3" (roof middle) Panel
- I. 2- "F" (support) Posts
- J. 4- Outside Corner Anchoring Brackets ($1\frac{1}{2}$ x $2\frac{1}{2}$ x $2\frac{1}{2}$ " Stainless Steel)
- K. 8- Inside Anchoring Brackets (3 x $3\frac{3}{16}$ x $3\frac{3}{16}$ " Aluminum)
- L. 2- Inside Roof Clips (2 x $2\frac{1}{16}$ x $8\frac{5}{16}$ " Stainless Steel for No Notch 2x6 Rafters)
- M. 2- Wide Roof Brackets (3 x $3\frac{1}{16}$ x $3\frac{1}{16}$ " Stainless Steel)
- N. 4- Narrow Roof Brackets ($1\frac{5}{8}$ x $3\frac{1}{16}$ x $3\frac{1}{16}$ " Stainless Steel)
- O. 6- Roof Cover Plates (3 x $1\frac{3}{16}$ x $7\frac{1}{4}$ " with Four Holes for No Notch 2x6 Rafters)
- P. 3- Inner Roof Connection Brackets
- Q. 1- Package of Anchors
- R. 1- Package of Hex Head Screws
- S. 1- Masonry Bit
- T. 1- Magnetic Chuck

2. Tools needed:

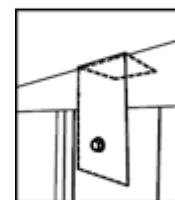
- A. Hammer
- B. Screw Gun
- C. $\frac{3}{4}$ " Wrench
- D. Hammer Drill



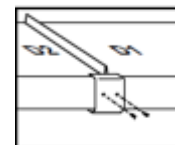
OUTSIDE CORNER
ANCHORING BRACKET
(SMALL)



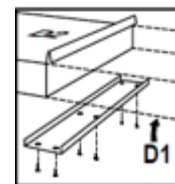
INSIDE ANCHORING
BRACKET (LARGE)



INSIDE ROOF CLIP



ROOF COVER PLATE



INNER ROOF
CONNECTION
BRACKET