

ASSEMBLY AND MOUNTING INSTRUCTIONS

1. Unpack and lay out pieces to assemble. Verify that the parts, quantity and dimensions match those on the enclosed bill of material.
2. Begin by setting up two support frame weldments on a smooth, level surface roughly 30 inches apart on centers laying them on their back with "seat" in a "vertical" direction. See diagram 1.
3. Make marks on each plate at a distance of $2 \frac{7}{8}$, 7, and $11 \frac{1}{4}$ inches from the end of the plate. Diagram 2.
4. Locate one bull nose board on the weldment at a distance of $8 \frac{1}{4}$ inches from end of the board to edge of weldment plate and flat edge on the $11 \frac{1}{4}$ inch mark. Make certain curved edge is facing bend in plate.
5. Clamp board to weldment and locate the other weldment at distance of $36 \frac{1}{4}$ inches from end of board and the board flat edge on the $11 \frac{1}{4}$ inch mark. Clamp board to weldment. Use a hand square to align plates perpendicular to board.
6. Drill $\frac{5}{32}$ diameter pilot hole (four places) into the board and install four $\frac{1}{4} \times 2$ screws into the board. (use end line of 2 holes in metal plates of weldment as a drill guide). Diagram 2
7. Set one rectangular board at a distance of $8 \frac{1}{4}$ inches from plate side edge to end of board with flat edge on the 7 inch marks. Suggest placing a $\frac{3}{4}$ inch thick spacer between the bull nose and rectangular board at each end to maintain $\frac{3}{4}$ inch gap. Clamp board in place. See diagram 2.
8. Drill $\frac{5}{32}$ diameter pilot hole (four places) into the board and install four $\frac{1}{4} \times 2$ screws into the board. (use second line of 2 holes in metal plates of weldment as a drill guide). Diagram 2.
9. Set the second rectangular board at a distance of $8 \frac{1}{4}$ inches from plate side edge to end of board with flat edge of board on $2 \frac{7}{8}$ inch mark. Suggest placing a $\frac{3}{4}$ inch thick spacer between the two rectangular boards at each end to maintain $\frac{3}{4}$ inch gap. See diagram 2.
10. Drill $\frac{5}{32}$ diameter pilot hole (four places) into the board and install four $\frac{1}{4} \times 2$ screws into the board. (use third line of 2 holes in metal plate of weldment as a drill guide)
11. Locate second bull nose board at a distance of $8 \frac{1}{4}$ inches from plate side edge to end of board and at a gap distance of $\frac{3}{4}$ inch between bull nose and rectangular board. Suggest placing a $\frac{3}{4}$ inch thick spacer between the bull nose and rectangular board at each end to maintain $\frac{3}{4}$ inch gap. See diagram 2.
12. Drill $\frac{5}{32}$ diameter pilot hole (four places) into the board and install four $\frac{1}{4} \times 2$ screws into the board. (use fourth line of 2 holes in metal plate of weldment as a drill guide)
13. Place center support plate 10084 centered between two weldments. See diagram 2. Align the boards and clamp them to the plate to maintain the $\frac{1}{2}$ inch gap and to remove any curvature from the boards. Drill $\frac{5}{32}$ diameter pilot hole (eight places) into the board and install eight $\frac{1}{4} \times 2$ screws into the boards using the plate as a drill guide.
14. Check square ness of boards with plates with hand square before tightening screws.
15. Set the bench upright to fasten the boards on the back. Check that weldments are vertical when bench is upright on level surface.

DIAGRAM 1:



- 16. Make marks on each plate at a distance of 2 7/8, 7 1/8 inches from the end of the plate. Diagram 2
- 17. Locate one bull nose board on the weldment at a distance of 8 1/4 inches from end of the board to edge of weldment plate with flat edge of board on the 7 1/8 inch marks. Make certain curved edge is facing bend in plate. Clamp board in place. See diagram 3. **IMPORTANT: Make sure that the distance between the two bull nose boards where seat meets the back measures 4 inches or less. Adjust the board on the back to meet 4 inch maximum dimension.**
- 18. Drill 5/32 diameter pilot hole (four places) into the board and install four 1/4 x 2 screws into the board. (use third line of 2 holes in metal plate of weldments as a drill guide) Diagram 3.
- 19. Set one rectangular board at a distance of 8 1/4 inches from plate side edge to end of board with flat edge of board on the 2 7/8 inch mark. Clamp board in place. Suggest placing a 3/4 inch thick spacer between the bull nose and rectangular board at each end to maintain 3/4 inch gap. See diagram 3.
- 20. Drill 5/32 diameter pilot hole (four places) into the board and install four 1/4 x 2 screws into the board. (use third line of 2 holes in metal plate of weldments as a drill guide) Diagram 3.
- 21. Locate second bull nose board at a distance of 8 1/4 inches from plate side edge to end of board with a gap distance of 3/4 inches between bull nose and rectangular boards at both ends. Suggest placing a 3/4 inch thick spacer between the bull nose and rectangular board at each end to maintain 3/4 inch gap. Clamp board in place. See diagram3.
- 22. Drill 5/32 diameter pilot hole (four places) into the board and install four 1/4 x 2 screws into the board. (use third line of 2 holes in metal plate of weldments as a drill guide) Diagram 3.
- 23. Place center support plate 10085 centered between two weldments. See diagram 3. Align the boards and clamp them to the plate to maintain the 1/2 inch gap and to remove any curvature from the boards. Drill 5/32 diameter pilot hole (six places) into the board and install six 1/4 x 2 screws into the boards using the plate as a drill guide.
- 24. Check square ness of boards with plates before tightening all screws.

DIAGRAM 2: BENCH 4 FOOT LENGTH SHOWN (ATTACHING SEAT BOARDS)

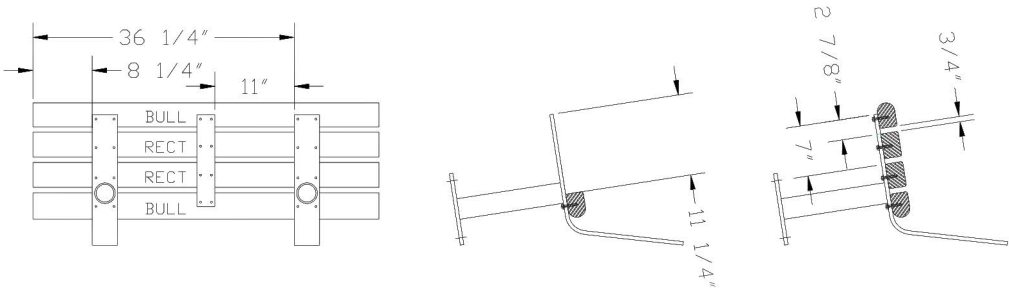
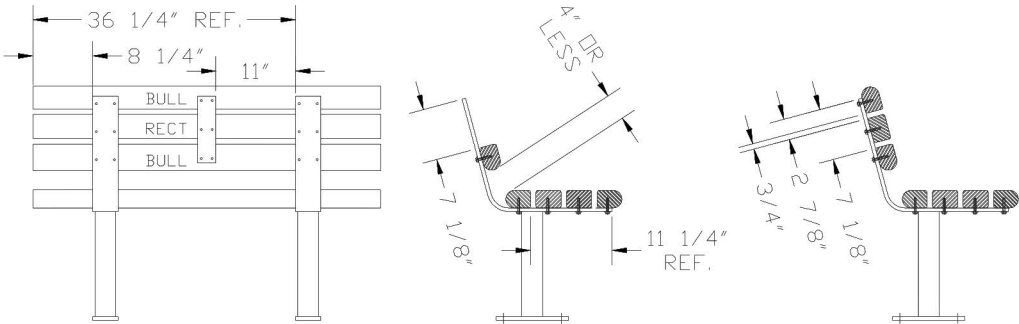


DIAGRAM 3: BENCH 4 FOOT LENGTH SHOWN (ATTACHING BACK BOARDS)



ASSEMBLY AND MOUNTING INSTRUCTIONS

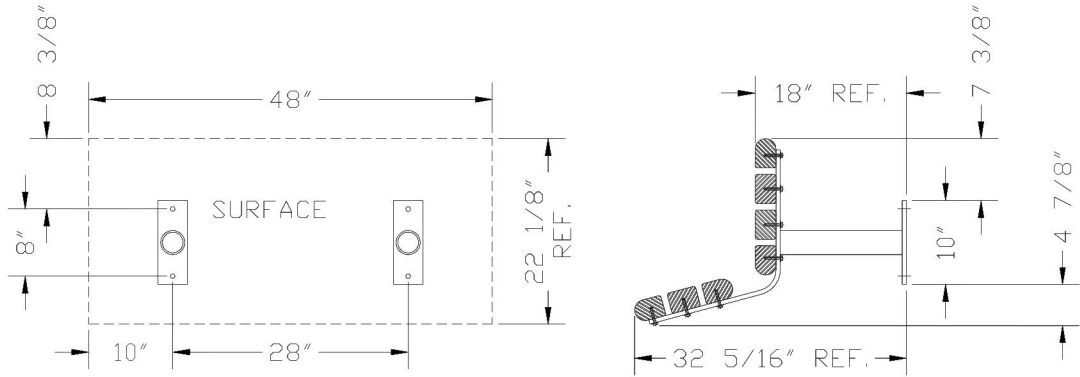
MOUNTING INSTRUCTIONS: BENCH 4 FOOT LENGTH

- 1. Surface mount bench mounts with ½ inch anchors into concrete surface at dimensions as shown on diagram 3.
- 2. Embedded mount bench mounts by setting in filled holes at dimensions as shown on diagram 3.
- 3. Portable bench will rest on any flat, even surface-no mounting required

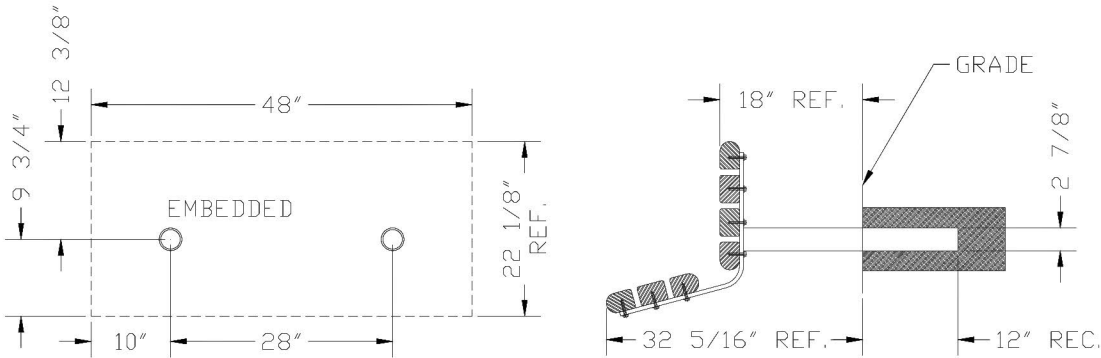
DIAGRAM 4: BENCH 4 FOOT LENGTH, SHOWN ARE

| | |
|----------|---------------------------|
| SURFACE | CONCRETE ANCHORS 4 PLACES |
| EMBEDDED | HOLES 2 PLACES |
| PORTABLE | NO MOUNTING |

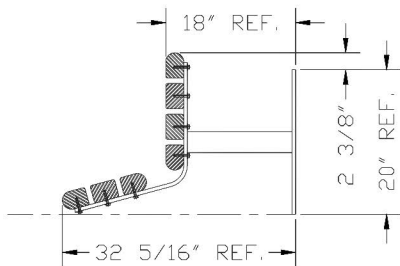
SURFACE



EMBEDDED



PORTABLE



ASSEMBLY AND MOUNTING INSTRUCTIONS

| BILL OF MATERIAL SURFACE | | |
|--------------------------|--|-----|
| PART # | DESCRIPTION | QTY |
| 72-100005 | WELDMENT, BENCH, SURFACE MT | 2 |
| | 3 X 4 X 48" BULL-NOSE PLASTIC LUMBER | 4 |
| | 3 X 4 X 48" ROUND CORNER PLASTIC LUMBER | 3 |
| 72-100084 | STRAP 2-1/2 X 12-3/4 | 1 |
| 72-100085 | STRAP 2-1/2 X 9-1/4 | 1 |
| 71-0014 | FASTENER KIT INCLUDES: | 1 |
| 71-TP142SS | SCREW, BUTTON HEAD STAINLESS 14 X 2 SECURITY | 44 |
| 71-532HEXKEY | HEX KEY, 5/32" SECURITY | 1 |
| 71-532BIT | BIT, DRILL 5/32" DIAMETER | 1 |
| 71-532HEXBIT | HEX BIT, 5/32" HEX SECURITY | 1 |

| BILL OF MATERIAL EMBEDDED | | |
|---------------------------|--|-----|
| PART # | DESCRIPTION | QTY |
| 72-100010 | WELDMENT, BENCH, EMBEDDED | 2 |
| | 3 X 4 X 48" BULL-NOSE PLASTIC LUMBER | 4 |
| | 3 X 4 X 48" ROUND CORNER PLASTIC LUMBER | 3 |
| 72-100084 | STRAP 2-1/2 X 12-3/4 | 1 |
| 72-100085 | STRAP 2-1/2 X 9-1/4 | 1 |
| 71-0014 | FASTENER KIT INCLUDES: | 1 |
| 71-TP142SS | SCREW, BUTTON HEAD STAINLESS 14 X 2 SECURITY | 44 |
| 71-532HEXKEY | HEX KEY, 5/32" SECURITY | 1 |
| 71-532BIT | BIT, DRILL 5/32" DIAMETER | 1 |
| 71-532HEXBIT | HEX BIT, 5/32" HEX SECURITY | 1 |

| BILL OF MATERIAL PORTABLE | | |
|---------------------------|--|-----|
| PART # | DESCRIPTION | QTY |
| 72-100050 | WELDMENT, BENCH, PORTABLE | 2 |
| | 3 X 4 X 48" BULL-NOSE PLASTIC LUMBER | 4 |
| | 3 X 4 X 48" ROUND CORNER PLASTIC LUMBER | 3 |
| 72-100084 | STRAP 2-1/2 X 12-3/4 | 1 |
| 72-100085 | STRAP 2-1/2 X 9-1/4 | 1 |
| 71-0014 | FASTENER KIT INCLUDES: | 1 |
| 71-TP142SS | SCREW, BUTTON HEAD STAINLESS 14 X 2 SECURITY | 44 |
| 71-532HEXKEY | HEX KEY, 5/32" SECURITY | 1 |
| 71-532BIT | BIT, DRILL 5/32" DIAMETER | 1 |
| 71-532HEXBIT | HEX BIT, 5/32" HEX SECURITY | 1 |