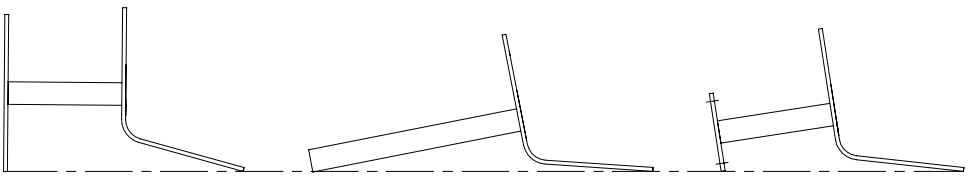
ASSEMBLY INSTRUCTIONS: BENCH 4 FOOT LENGTH 140401, 140402, and 140403

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 7/8, 7, and 11 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 1/4 inches from end of the board to edge of weldment plate and flat edge on the 11 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 1/4 inches from end of board and the board flat edge on the 11 1/4 inch mark. Clamp board to weldment. Use a hand square to align plates perpendicular to board.
6. Drill 5/32 diameter pilot hole (four places) into the board and install four ¼ x 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 1/4 inches from plate side edge to end of board with flat edge on the 7 inch marks. 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 diagram 2.
8. Drill 5/32 diameter pilot hole (four places) into the board and install four ¼ x 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 1/4 inches from plate side edge to end of board with flat edge of board on 2 7/8 inch mark. Suggest placing a 3/4 inch thick spacer between the two rectangular boards at each end to maintain 3/4 inch gap. See diagram 2.
10. Drill 5/32 diameter pilot hole (four places) into the board and install four ¼ x 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 1/4 inches from plate side edge to end of board and at a gap distance of 3/4 inch between bull nose and rectangular board. 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 2.
12. Drill 5/32 diameter pilot hole (four places) into the board and install four ¼ x 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 1/2 inch gap and to remove any curvature from the boards. Drill 5/32 diameter pilot hole (eight places) into the board and install eight 1/4 x 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: BENCH 4 FOOT LENGTH SURFACE 140401, 140402 & 140403 SHOWN

140403 140402 140401



16. Make marks on each plate at a distance of 2 7/8, 71/8 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 ¼ 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 ¼ 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 ¼ 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 140401 SHOWN (ATTACHING SEAT BOARDS)

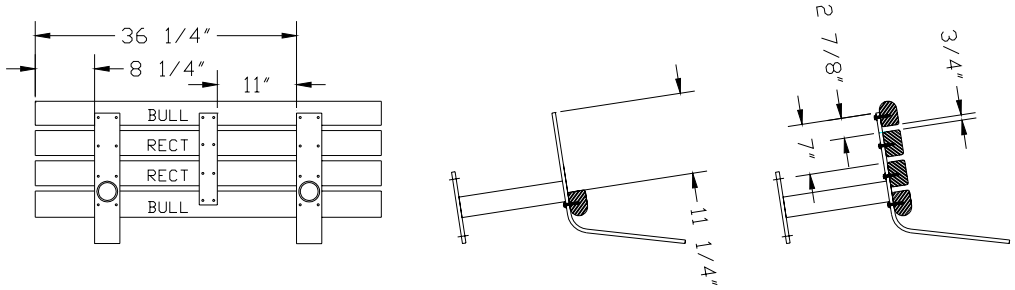
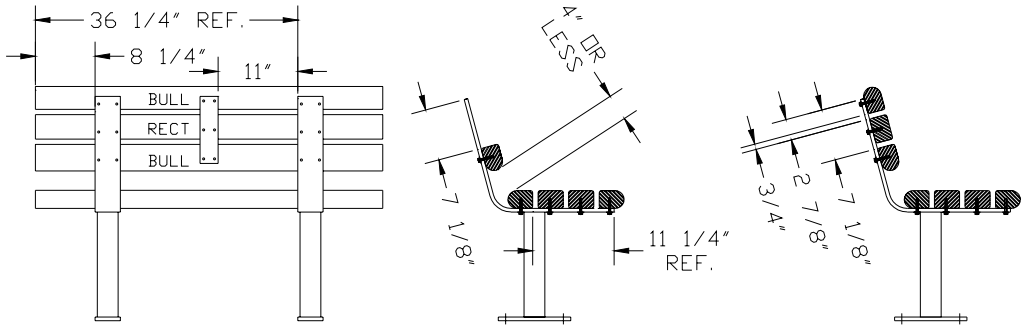


DIAGRAM 3: BENCH 4 FOOT LENGTH 140401 SHOWN (ATTACHING BACK BOARDS)

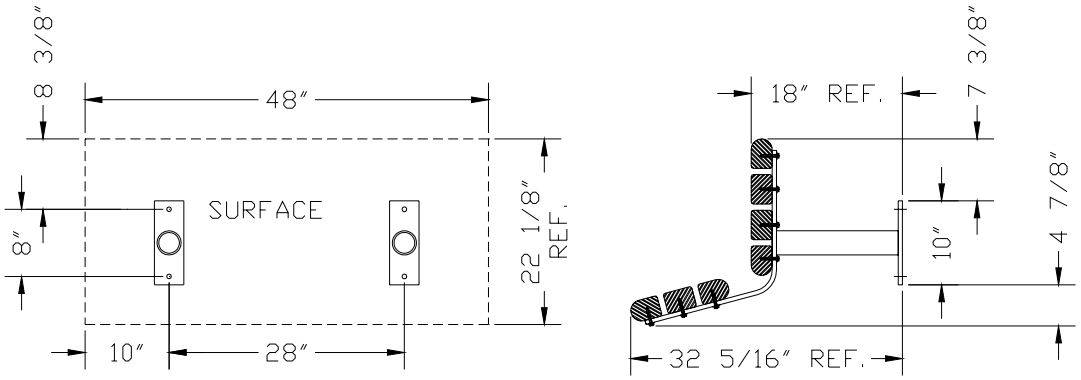


MOUNTING INSTRUCTIONS: BENCH 4 FOOT LENGTH 140401, 140402, and 140403

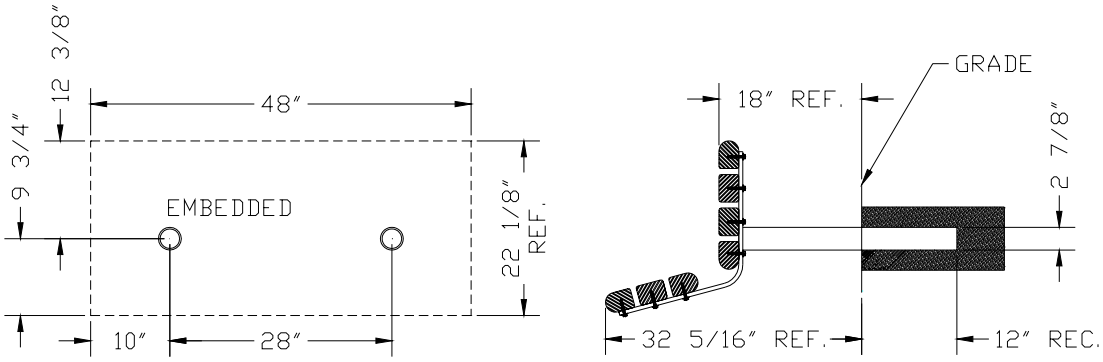
1. Surface mount bench 140401 mounts with ½ inch anchors into concrete surface at dimensions as shown on diagram 3.
2. Embedded mount bench 140402 mounts by setting in filled holes at dimensions as shown on diagram 3.
3. Portable bench 140403 will rest on any flat, even surface-no mounting required

DIAGRAM 4: BENCH 4 FOOT LENGTH, SHOWN ARE
SURFACE 140401 CONCRETE ANCHORS 4 PLACES
EMBEDDED 140402 HOLES 2 PLACES
PORTABLE 140403 NO MOUNTING

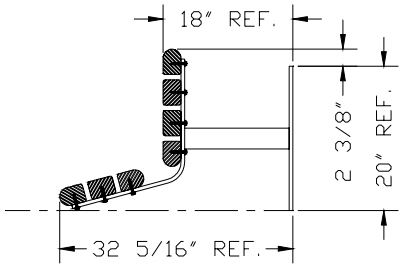
SURFACE 140401



EMBEDDED 140402



PORTABLE 140403



BILL OF MATERIAL - 140401		
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 - 140402		
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 - 140403		
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