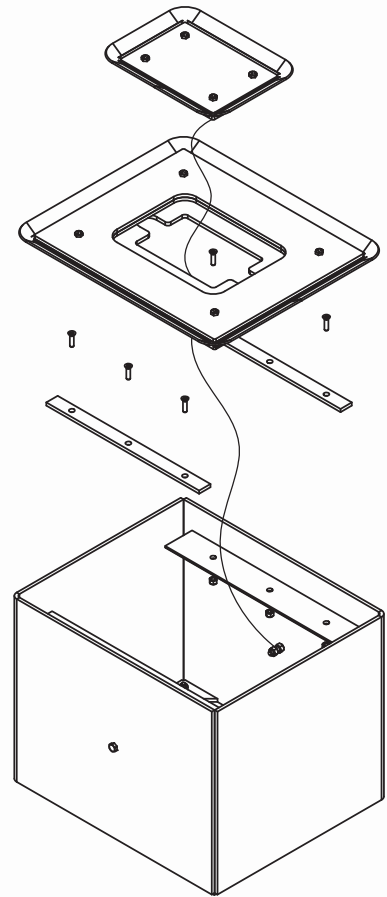


F960 - FULL SIZE



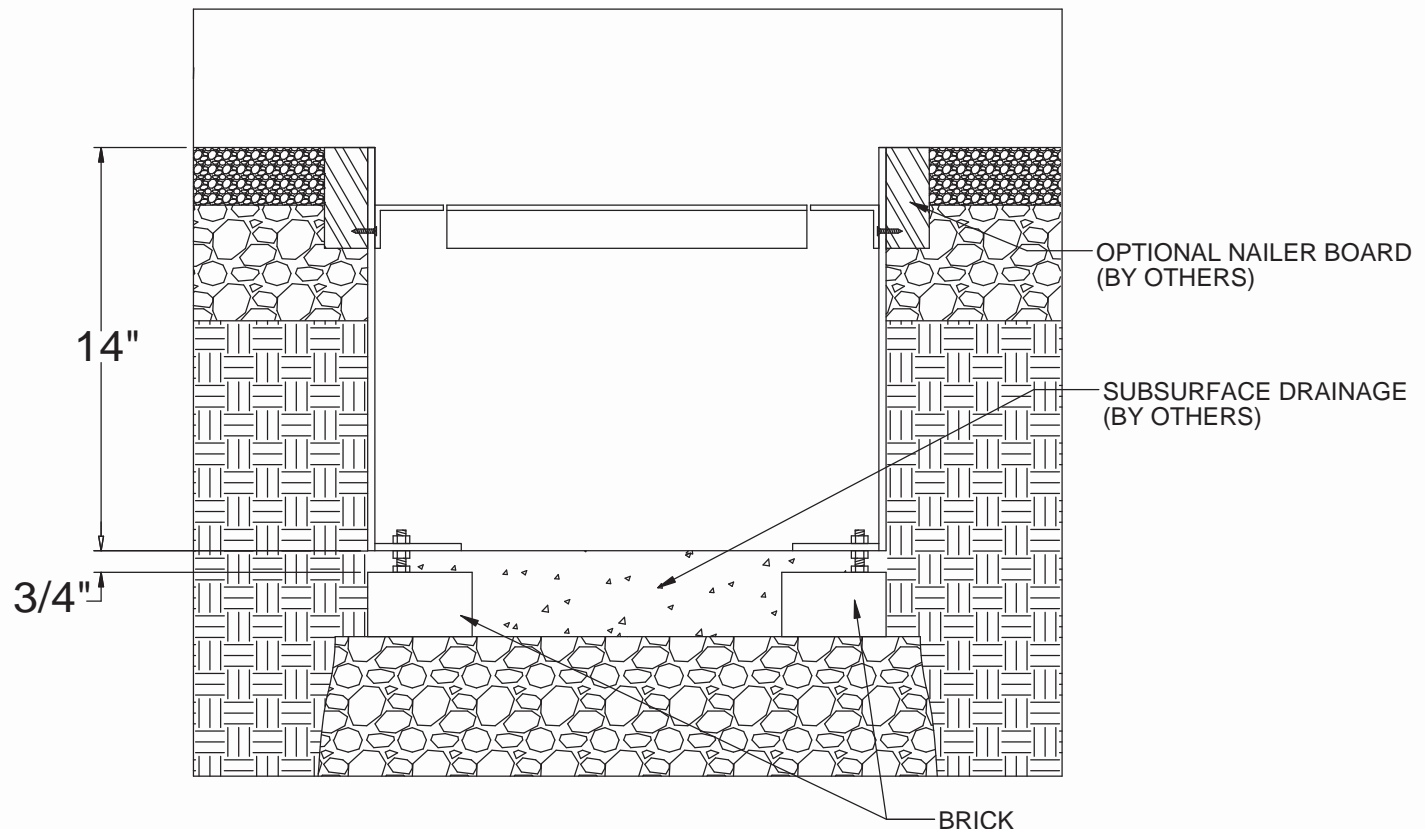
F970 - HALF SIZE

The F960 and F970 electrical communication connection boxes (VersaCom Boxes) are designed to be used on artificial turf fields. Brushes on the lid and cover collect turf infill preventing it from falling into the box.

Drainage is key when installing the open bottom communication box. The box should be placed on a well-drained substrate. If it is away from the well-drained substrate a solid concrete bottom with a drainage pipe should be included to prevent standing water.

**PLACEMENT:**

Set a concrete brick in a stiff patty of mortar under each corner of the box. The height of the box is 14" plus roughly 3/4" for the leveling bolts. The top of the bricks should be set to allow the top of the box to lay flush with the bottom of the turf. Position the box on the corner bricks and then level the box with the adjuster bolts located in each corner to even the rim of the box to the finished grade.

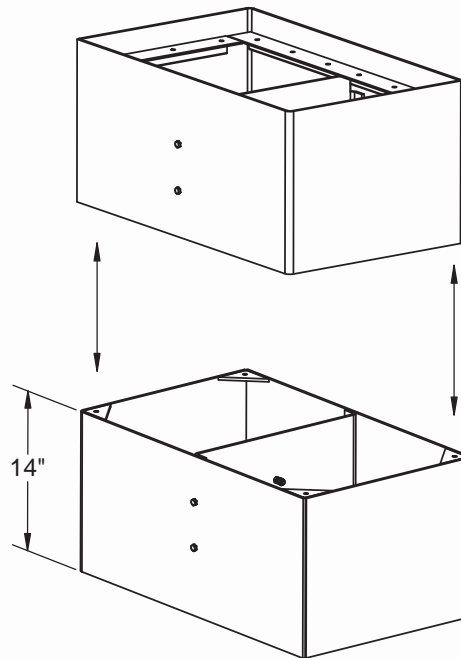


**CONCRETE:**

Place the mortar around the outside and inside corners of the box for support. Make sure to cover the bottom inside corners with mortar to secure the adjuster bolts in their final position. This will physically lock the box into place. The entire box does not need to be surrounded by concrete. However, it is recommended that a small amount of concrete be poured around the outside bottom of the box to help maintain its position and strength throughout its use at the facility.

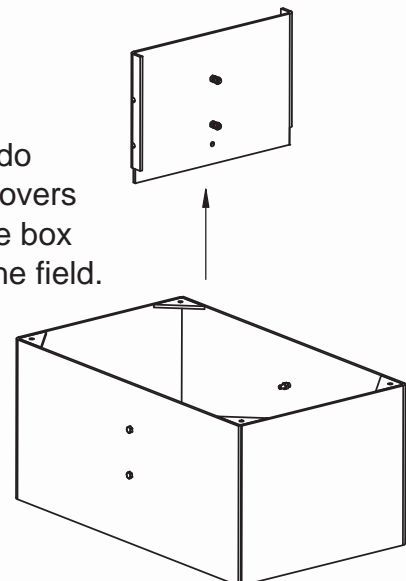
**F90010 RISER:**

If the F90010 riser is being installed, add another 14" of the depth from the top of the brick. To install the riser, remove the adjuster bolts from the corners and stack the F960 or F970 on top of the riser. The holes in the bottom gussets and the top gussets of the riser should be aligned. Place the adjuster bolts through the aligned holes and tighten down with the provided nut. Place the assembled unit on the corner bricks and level the rim using the adjuster bolts in the bottom of the riser.



**DIVIDER:**

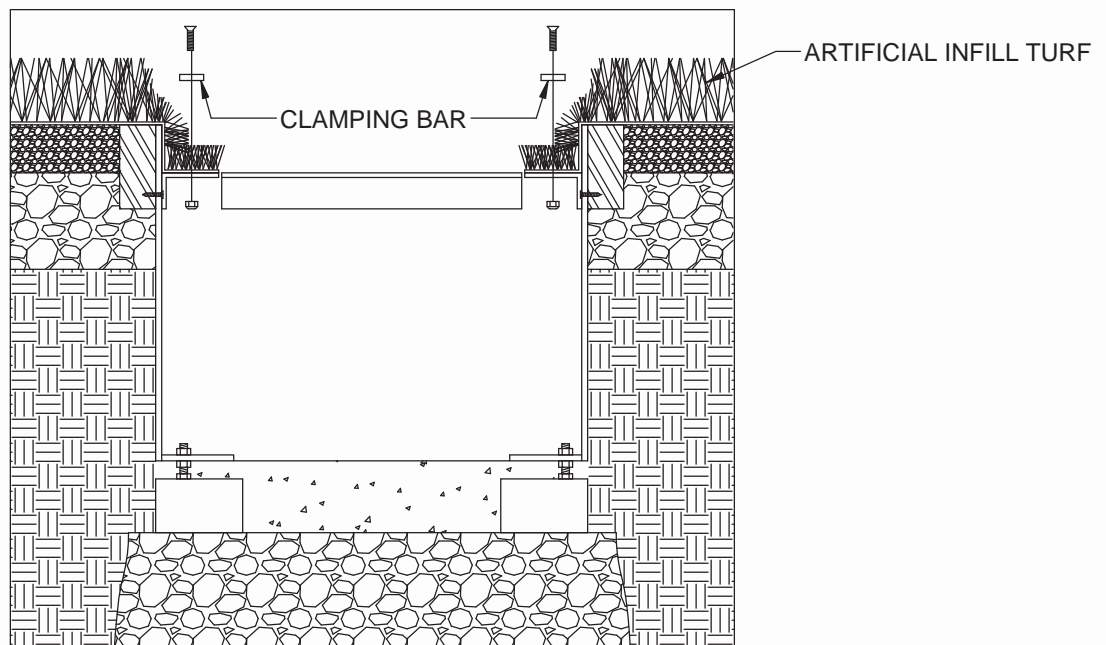
If the divider plate is to be eliminated, remove it at this time, but do reinstall the bolts to seal the outside of the box. Tethers on the covers should also be reinstalled. Then backfill around the outside of the box with the same materials used in that particular cross section of the field.



### **Turf Cover:**

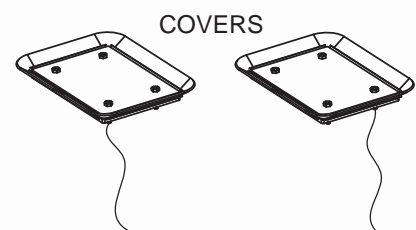
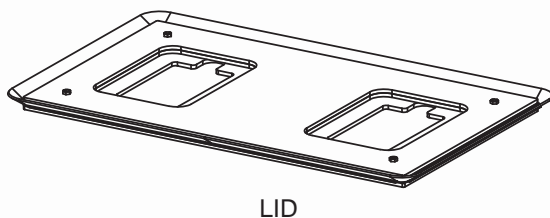
After backfilling, wrap the turf from the surrounding field over the rim of the box. Pull the turf straight down into the box and then lay it horizontally across the inside angle (L shape). Cut off the extra turf that extends beyond the angle. Then trim the corners so that the turf is not overlapped and is lying in a single layer. Make sure that the turf is tucked tightly into the corners.

Place the clamping bars on top of the turf so that the turf is sandwiched between the angle and the clamping bar. With an awl or screwdriver, puncture the turf through the aligned holes in the clamping bar and angle and insert the bolts and nuts and tighten.



### **Turf Finish:**

Finish installation by bonding turf to the lid and covers. Clean aluminum plates before beginning. Use a high strength weather resistant self-curing urethane adhesive. Apply an epoxy primer before using the adhesive to improve the bond. Apply adhesive to both the turf and the aluminum plates. Cut out hand holes for the covers to sit into the lid.




**Electrical Conduit and Wiring:**

Through the open bottom of the box the wire conduits are exposed. Receptacle boxes can be installed directly to the inner panel of the aluminum with self-drilling screws. If a solid concrete bottom and drain are to be installed, be careful to slope the concrete for positive drainage.

**WARNING**

- READ ALL CAUTIONS AND WARNINGS THOROUGHLY BEFORE USING THIS EQUIPMENT.
- READ ALL INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING TO ASSEMBLE THIS EQUIPMENT. ASSEMBLY OF THIS EQUIPMENT MUST BE DONE BY PHYSICALLY CAPABLE ADULTS ONLY.
- FAILURE TO COMPLY WITH THE INSTRUCTIONS, MAINTENANCE, AND WARNINGS MAY RESULT IN SERIOUS INJURIES AND/OR PROPERTY DAMAGE.
- WHILE IT CANNOT BE ELIMINATED, THE RISK OF INJURIES CAN BE GREATLY REDUCED BY FOLLOWING PROPER SAFETY GUIDELINES AND PROVIDING PROPER MAINTENANCE AND SAFETY INSPECTIONS.
- GILL COMMUNICATION BOXES ARE NOT WATERTIGHT, SO PROPER DRAINAGE IS REQUIRED.
- OUTDOOR RATED UL APPROVED ELECTRICAL AND COMMUNICATION JUNCTION BOXES ARE TO BE USED WITH WATERTIGHT CONNECTIONS.
- ALL ELECTRICAL WORK MUST BE DONE BY A LICENSED ELECTRICIAN.
- INFORM ALL ATHLETES/SPECTATORS OF THE BOX LOCATION TO MINIMIZE THE POSSIBILITY OF CONTACT.
- DO NOT ALLOW ANY UNAUTHORIZED INDIVIDUALS TO ACCESS THE EQUIPMENT. ONLY PROPERLY TRAINED INDIVIDUALS SHOULD USE/ACCESS THE BOX.
- USE EXTREME CAUTION WHEN WALKING AROUND THE BOX.
- INSPECT THIS EQUIPMENT FOR WEAR, LOOSE FITTINGS, DAMAGE AND PROPER STABILITY BEFORE ANY ACTIVITIES AROUND THE BOX. REPLACE DEFECTIVE OR WORN PARTS IMMEDIATELY.

 **WARNING:** Cancer and Reproductive Harm –  
For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)