

CROSSBAR

Installation Notes SG2S®, SG2SNG

For Goals SG612, SG618R, SG618S, SG721R, SG721S,
(SG824S) SG4900 and (SG824R) SG4950

Soccer Goal Safety System

United States Patent #7,331,880 – Issued February 19, 2008

United States Patent #7,527,569 – Issued May 5, 2009

Tools/Equipment Required:

1. Excavation Equipment
2. Measuring Devices; 6 ft. Folding Rule, Retractable Tape Measure.
3. Bubble Level.
4. 2x6's For Constructing Concrete Form.
5. (3) Bags of Cement (per SG2S®), Mixing Tools, Hand Trowel and Water.

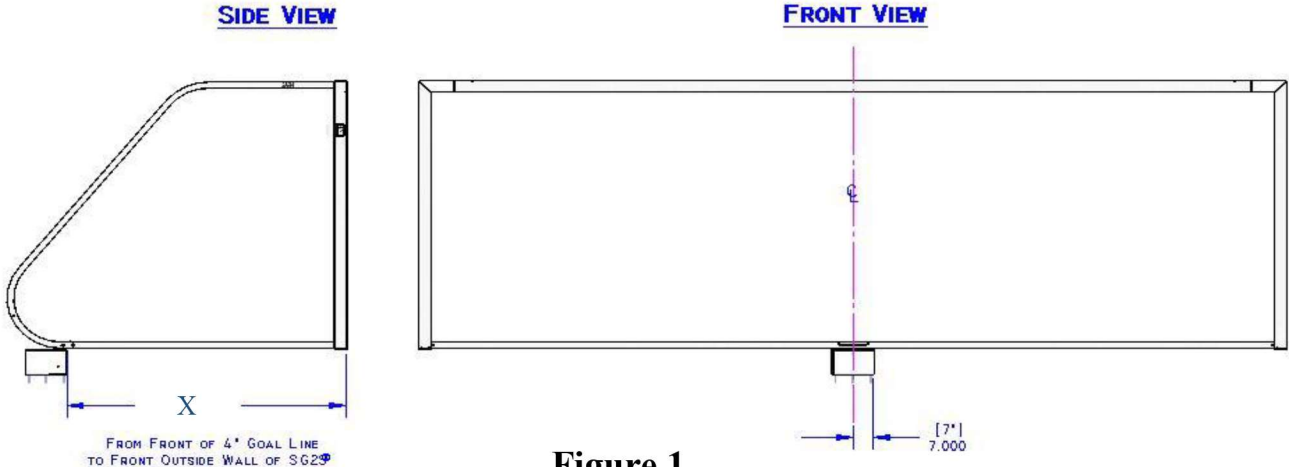


Figure 1

Goal	X
8 X 24 Regulation	7'-11 3/8"
7 X 21	6'-11"
6 X 18	6'-11 3/8"
6 X 12	5'-73/4"

Installation

Establish the location of the SG2S® per plans and specifications. See **Figure 1** for specific orientation and location of the SG2S® Soccer Safety System. (Refer to all SG2S instructions for SG2SNG install except depth as noted in “For Natural Grass Construction”)

After establishing the location of the SG2S®, mark accordingly and excavate a hole to accept a 2' x 2' x 6" form. Please note: Consult your local building codes, local ordinances, architects' specifications or building contractor for possible variances from this minimum amount (See **Figure 2** for manufactures recommended vertical location of the SG2S®).

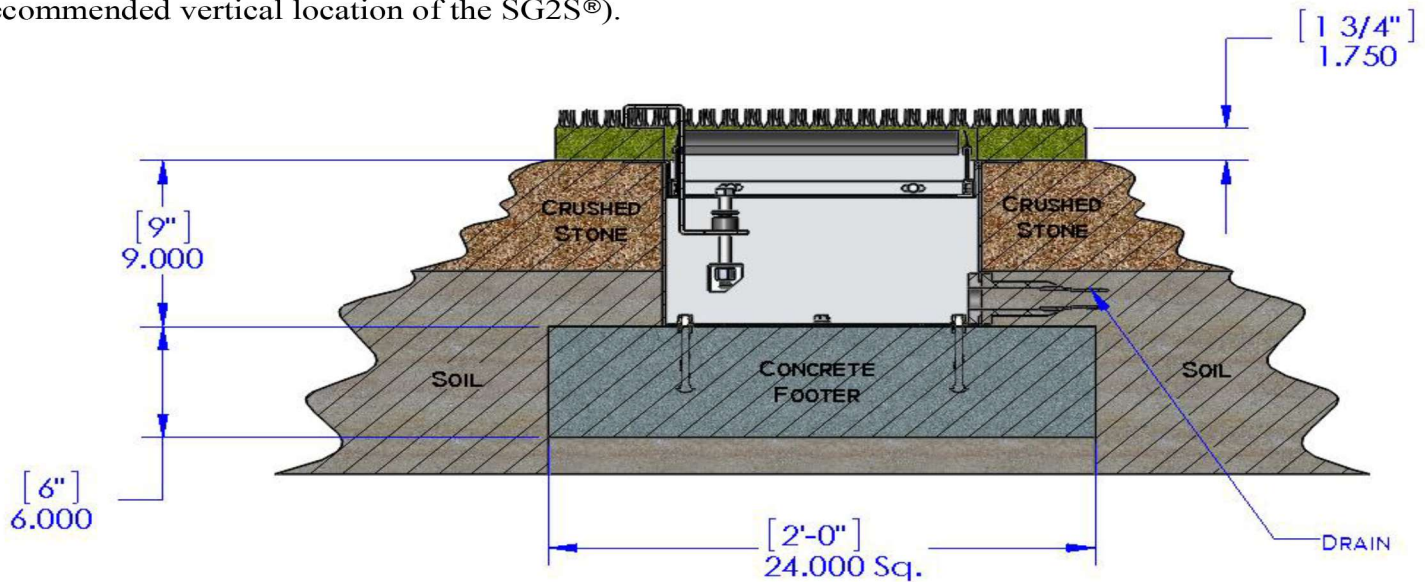


Figure 2

For In-Fill Turf Construction

After constructing a wooden form, pour concrete into the form. Next assemble (4) 3/8-16 stainless steel carriage bolts onto the SG2S® box using flat washers, lock washers and hex nuts. Ascertain that there is about 3" of space between the head of the carriage bolt and the bottom lip of the SG2S® box. Embed the carriage bolt portion of the assembled SG2S® box into the fresh concrete. Check the orientation and correct if necessary. The SG2S® box should sit on the top surface of the concrete. Let concrete cure and back fill.

When correctly installed, the top edge of the SG2S® Soccer Goal Safety System should be flush to the crushed stone sub-base. If the construction of the In-Fill Turf field requires performance layer or padding then the top edge must be flush with the top side of the performance layer or padding.

After the In-Fill carpet has been installed, be sure that the backing of the turf is firmly attached to nailer edge on all (4) sides of the SG2S® box. Carpet can also be glued directly onto the lid.

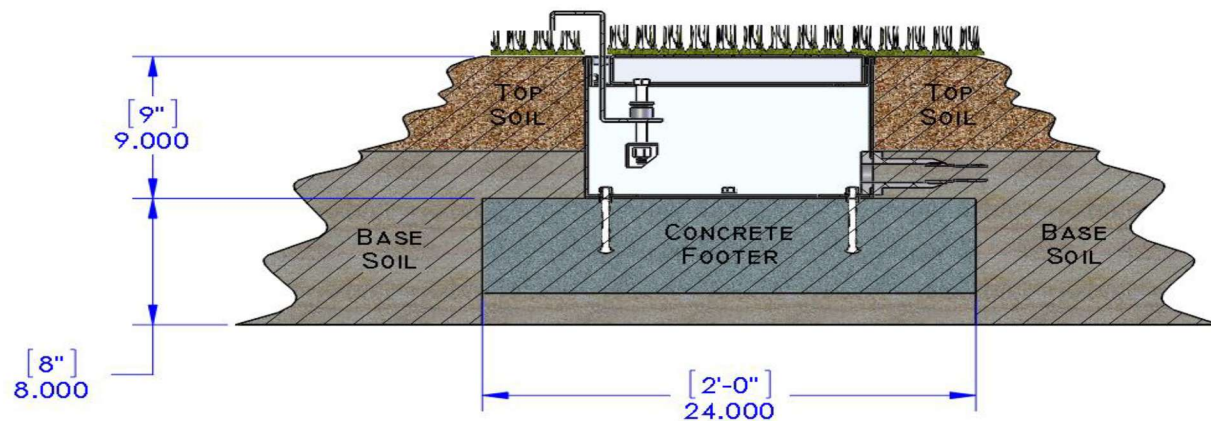


Figure 3

For Natural Grass Construction

For natural grass fields the installation follows the same procedure as the In-Fill installation with one exception: the top edge of the SG2SNG box should be flush with finish grade **Figure 3**. The lid should be covered with Synthetic Turf.

SG2S® Operation

The purpose of the SG2S® Soccer Goal Safety System is to reduce horizontal and vertical movement of the Soccer Goal. To operate the clamp system, begin by removing the Cover exposing the internal mechanical system of the SG2S®. Rotate clamp into the vertical position and align the vertical slot with the pan head screw.

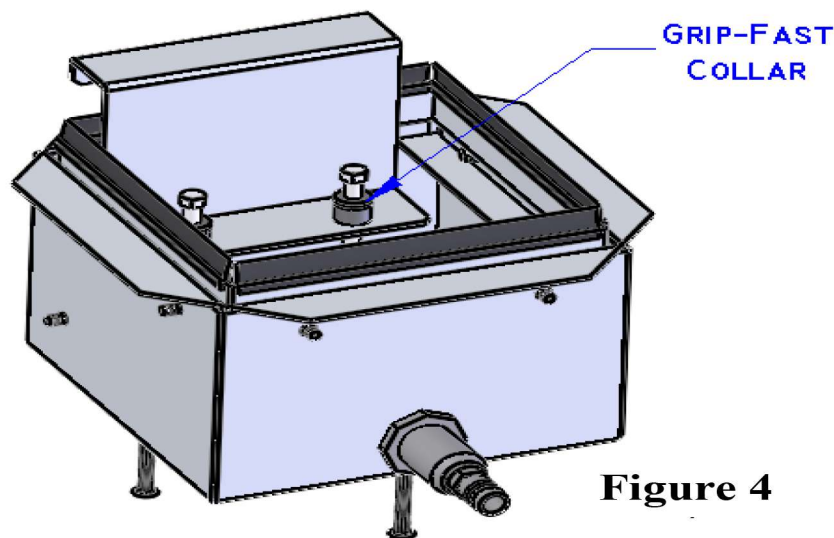


Figure 4

Position the center of the Soccer Goal's ground bar so the "U" shaped part of the clamp rests over the ground bar. Tighten the clamp firmly using (2) Grip-Fast Collars. Check the Soccer Goal for any movement and re-adjust if necessary. Replace the Cover for play. Prior to use of Soccer Goals, the SG2S® Soccer Goal Safety System should be inspected for any required adjustments. To remove the Soccer Goals from the SG2S® Soccer Goal Safety System, simply reverse the above procedure.

REPLACEMENT PARTS

Contact us at 1-401-651-7702 for replacment hardware.



Crossbar, LLC
3140 W 8th Ave
Denver, CO 80204
www.crossbar.life
hello@crossbar.life