

## IMPORTANT NOTES: Read First

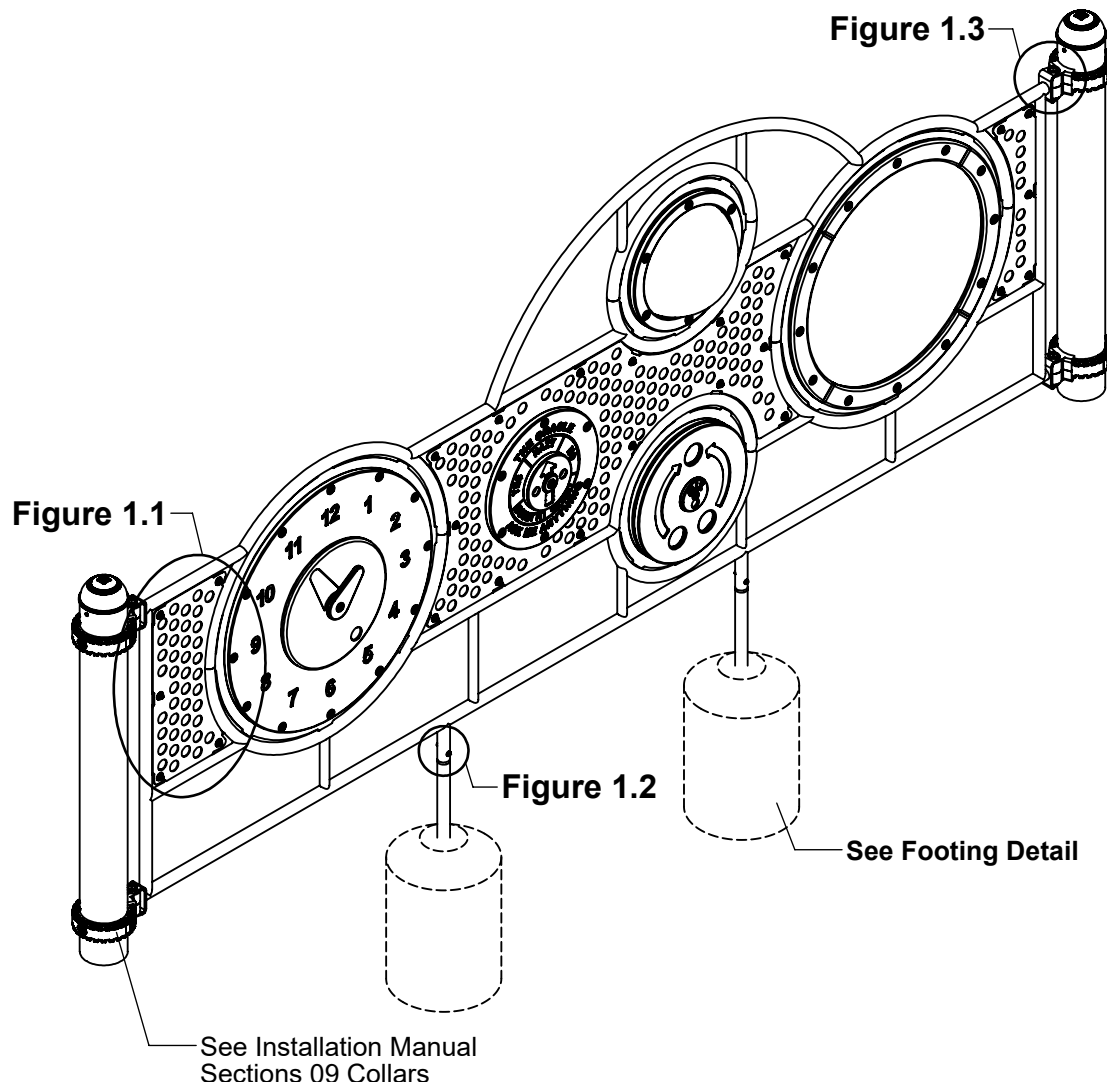
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).

(C) Refer to Installation Manual for 09 Collars installation instructions.

(D) An appropriate energy absorbing safety surface is required under and around all playground equipment. Loose fill protective surfacing is shown only as an example for the purpose of this assembly instruction. Other surfacing material may vary in thickness and/or compression depths. See free publication - The Handbook for Public Playground Safety, Publication #325 at [www.cpsc.gov](http://www.cpsc.gov) for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

**FIGURE 1**  
Sensory Wall



## Step 1

Refer to Footing Layout and mark footing hole locations. Dig (2) Ø 12" footing holes. Refer to Footing Detail for depth and details.

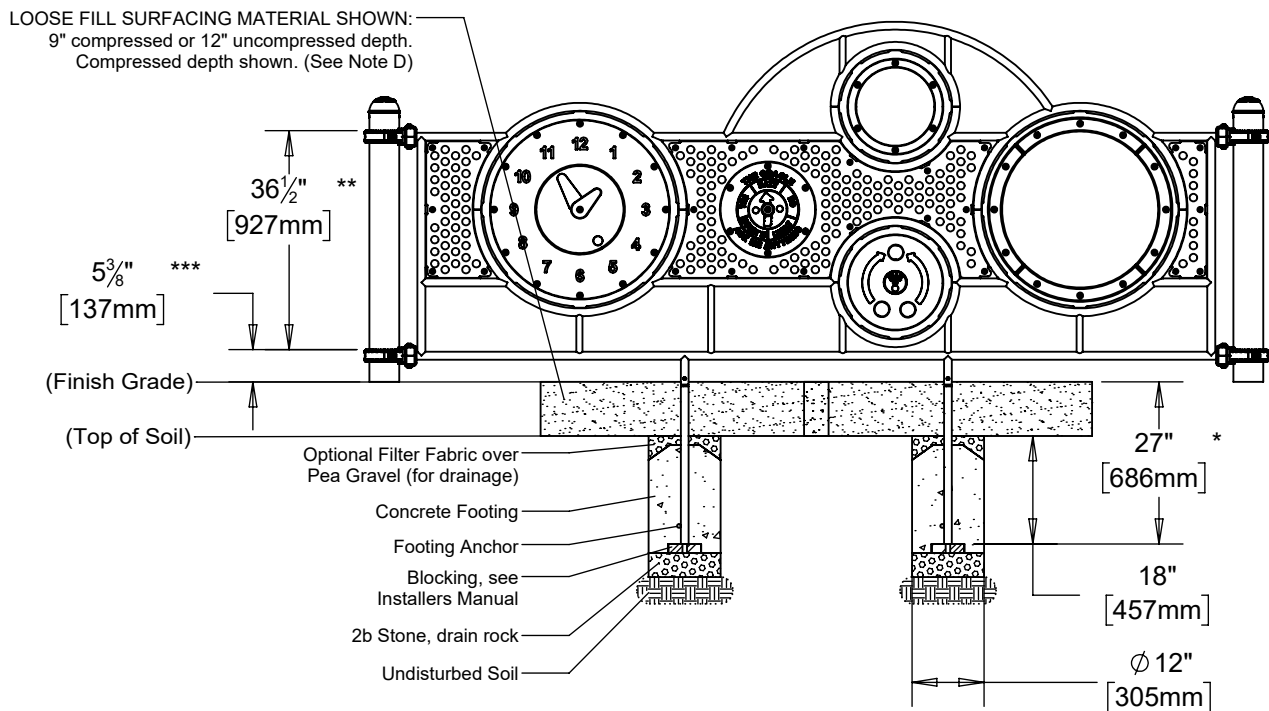
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

\* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

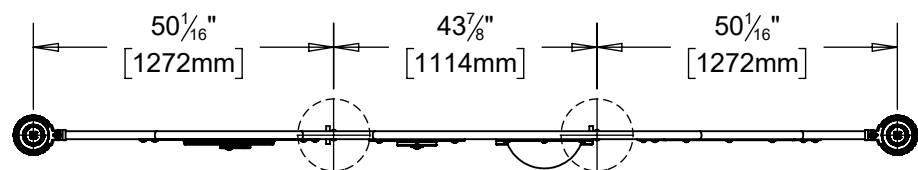
\*\* Height shown from top of collar to top of collar.

\*\*\* Height shown from finish grade to top of collar.

### Elevation View - Footing Detail



### Top View - Footing Layout



## Step 2 (Factory Assembled)

Attach Inserts to Sensory Wall as shown in Figure 1.1. (See Note A)

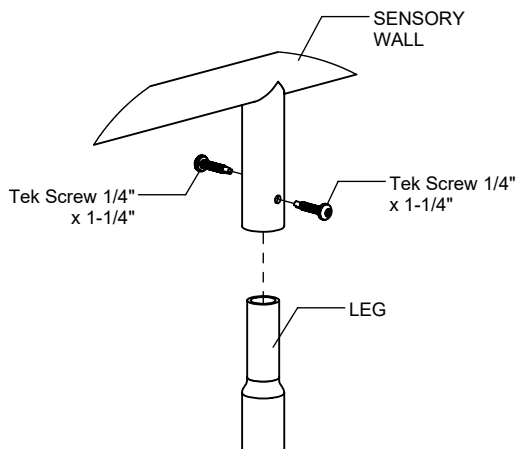


Figure 1.2

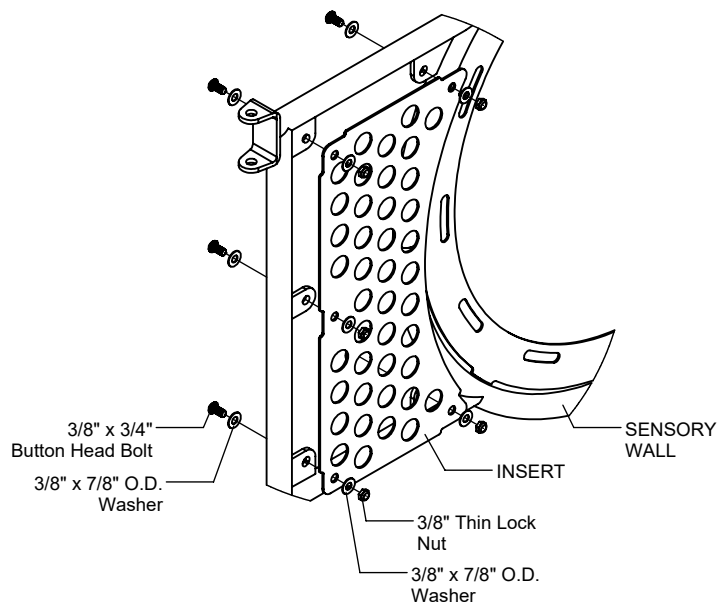


Figure 1.1

## Step 5

Attach Sensory Wall to Collars as shown Figure 1.3. (See Note A)

## Step 6

Attach Games to Sensory Wall as specified in additional instructions.

## Step 7

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## Step 8

Plumb and level entire component. Pour concrete into footing holes. Allow at least 72 hours to cure before using this equipment. (See Note B)

## Step 9

Place required protective surfacing under and around Sensory Wall. (See Note D)

## Step 3

Locate and attach collars at heights shown in Elevation View. (See Note B)

## Step 4

Attach Legs to Sensory Wall as shown in Figure 1.2. (See Note A)

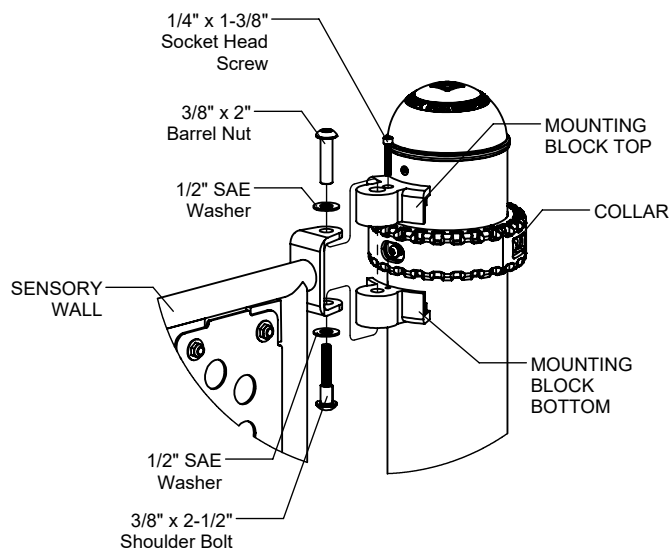


Figure 1.3

# SENSORY WALL INSTALLATION INSTRUCTIONS

**1981**  
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## Parts List

IN-GROUND		
Part #	DESCRIPTION	QTY
FS-1981-LEG	Sensory Wall Leg	2
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9271062-TR	1/4" x 1-1/4" Tek Screw	4
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

SURFACE MOUNT		
Part #	DESCRIPTION	QTY
FS-1981-LEG-SM	Sensory Wall Leg - Surface Mount	2
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9271062-TR	1/4" x 1-1/4" Tek Screw	4
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

## Assembled Parts List

Part #	DESCRIPTION	QTY
AF-1220-L	Sensory Ramp Insert Large	1
AF-1221-L	Sensory Platform Insert Large	1
AF-1221-S	Sensory Platform Insert Small	1
FS-1981	Sensory Wall	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	24
9333042	Washer Flat 3/8" x 7/8" O.D.	48
9423002	Nut Lock Thin 3/8"	24

## Specifications

### SENSORY WALL LEG:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 5/8" O.D. steel anchor and will have a multi-stage baked-on powder coat finish.

### SENSORY WALL LEG - SURFACE MOUNT:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1/4" thick steel plate and will have a multi-stage baked-on powder coat finish.

### SENSORY RAMP INSERTS:

Shall be precision cut from 12 gauge sheet steel and will have a multi-stage baked-on powder coat finish.

### SENSORY WALL:

Shall be fabricated using 1.029" O.D. 14 gauge and 1.315" O.D. 12 gauge steel tubing with welded 12 gauge and 1/4" thick steel tabs and flanges and will have a multi-stage baked-on powder coat finish.

### MOUNTING BLOCKS:

Shall be two-part and precision die-cast from a high strength aluminum alloy and will have a multi-stage baked-on powder coat finish.

### HARDWARE:

Shall be stainless steel, zinc/nickel plated or galvanized as required to resist rust and corrosion.

## Maintenance

Periodically tighten all screws, bolts and nuts. A periodic inspection of all parts is necessary. If a part is broken or worn, replace immediately. For general maintenance please refer to our Playground Maintenance Manual.



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