

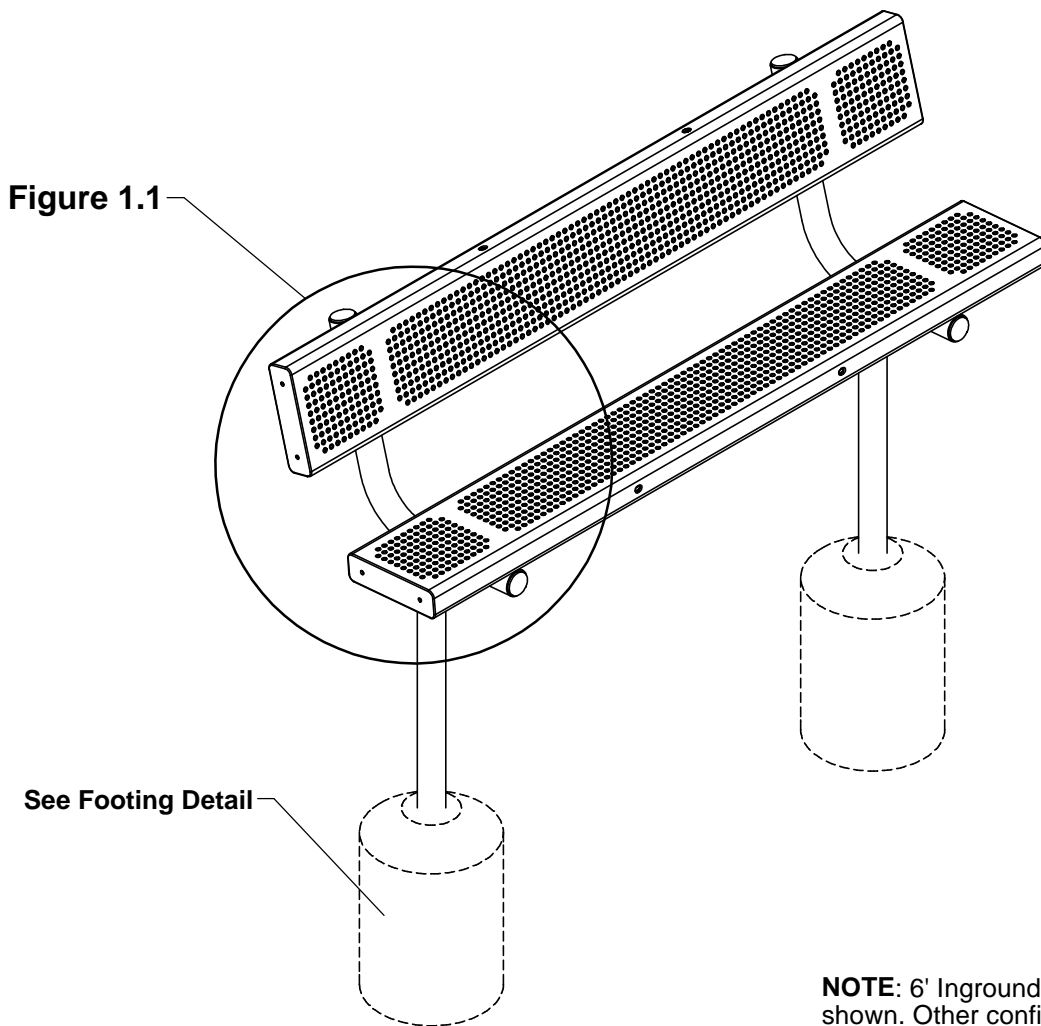
IMPORTANT NOTES: Read First

(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) 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 for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

FIGURE 1
Bench with Back



NOTE: 6' Inground Classic Series shown. Other configurations will vary slightly, but does not affect assembly.

Step 1

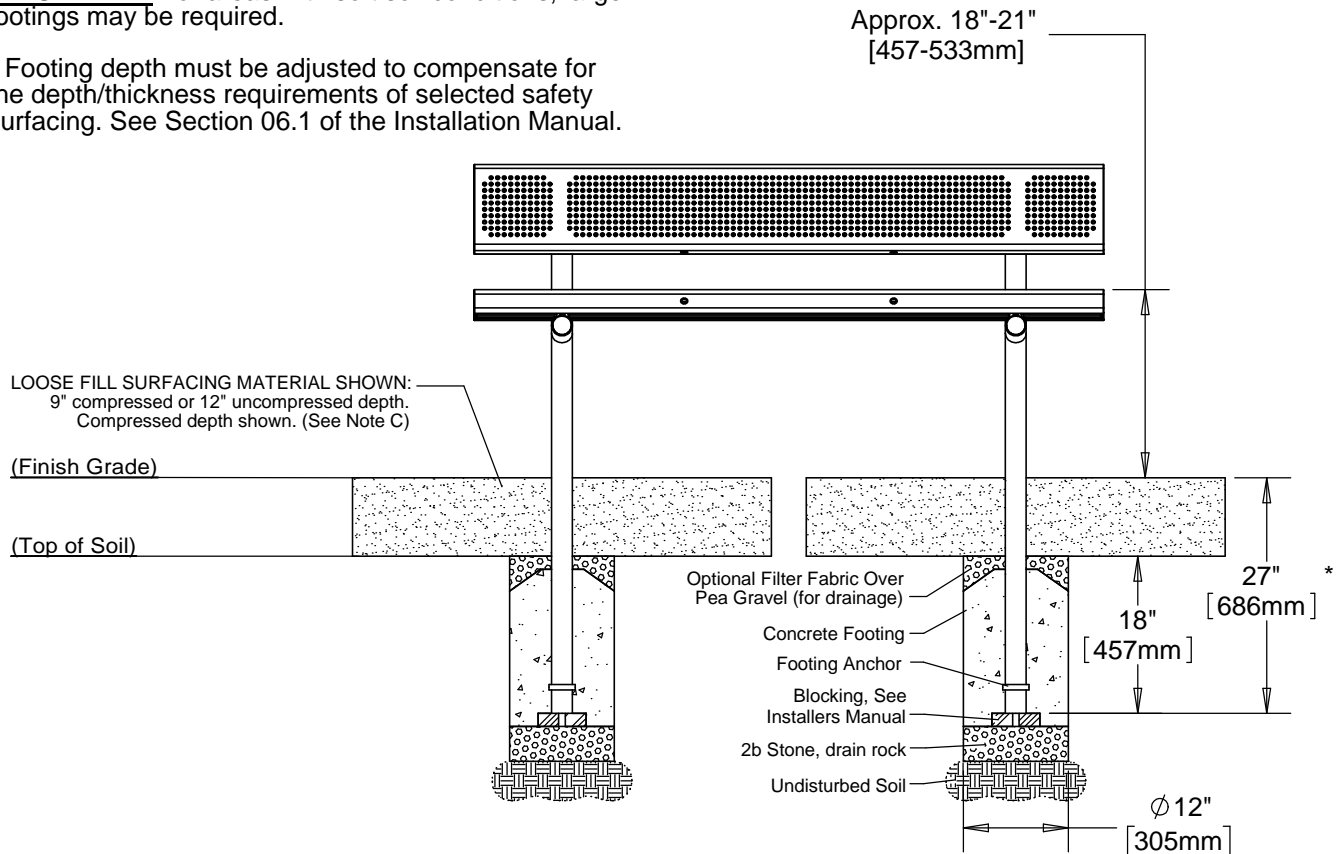
For Inground Option Only:

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.

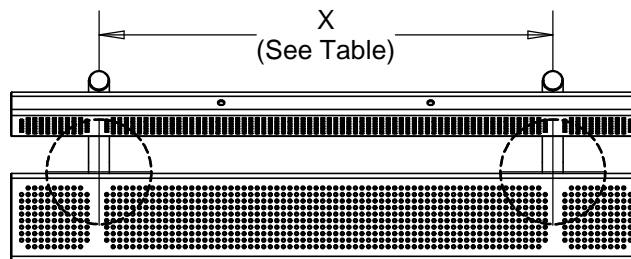
* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

Footing Detail



Top View - Footing Layout

Footing Distance Table Center of Leg to Center of Leg		
Assembly	X (in.)	X (mm)
4286-4G	37 1/2"	953
4286-6G	52"	1321
4286-8G	76"	1930



Step 2

Attach Bench Top and Bench Back to Bench Frame as shown in Figure 1.1. (See Note A)

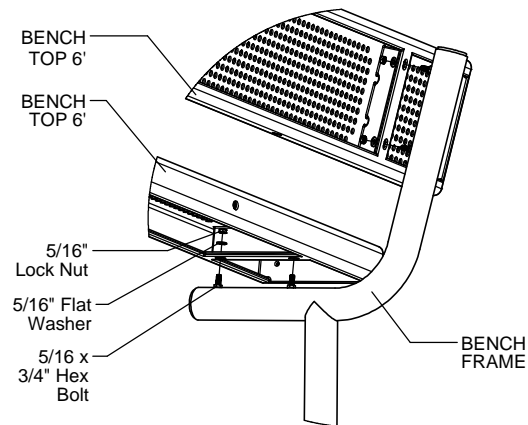


Figure 1.1

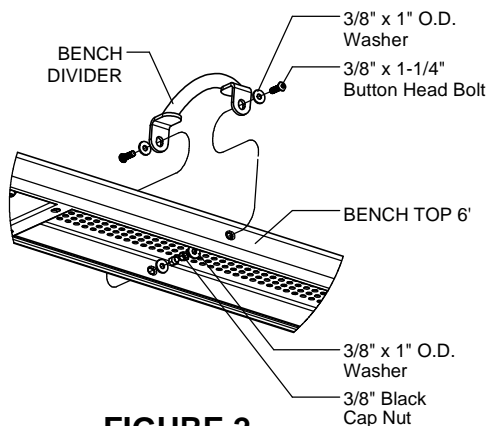


FIGURE 2

Step 3

For Bench Divider Option Only:

Attach Bench Divider to Bench Top as shown in Figure 2. (See Note A)

Step 4

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

Step 5

For Inground Option Only:

Place legs into footing holes. 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 6

For Surface Mount Option Only:

Use assembled bench as a template to locate mounting hardware (not included).

Step 7

Place required protective surfacing under and around Bench. (See Note C)



Manufactured by Krauss Craft, Inc.
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800.333.8519 (U.S.A.) or
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BENCH WITH BACK INSTALLATION INSTRUCTIONS

PC-4286
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Bench Parts List

INGROUND OPTION		
Part #	DESCRIPTION	QTY.
Varies	Bench Top	2
FS-5034	Bench Frame Inground Leg	2
9332032	Washer Flat 5/16"	8
9412182	Nut Lock 5/16	8

SURFACE MOUNT OPTION		
Part #	DESCRIPTION	QTY.
Varies	Bench Top	2
FS-5033	Bench Frame Surface Mount	2
9332032	Washer Flat 5/16"	8
9412182	Nut Lock 5/16	8

Bench Divider Parts List

Part #	DESCRIPTION	QTY.
FS-PC4270-BD	Bench Divider	1
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9413162-BLK	Nut Lock 3/8" w/ Black Cap	2

NOTE: Bench Divider and hardware quantities given are for one unit. Quantity of units vary with bench size configurations.

Specifications

BENCH DIVIDER:

Shall be fabricated using 1.029" O.D. 14 gauge steel tubing with welded 1/4" thick steel mounting brackets. The Bench Divider shall have a multi-stage baked-on powder coat finish.

BENCH TOP:

Shall be fabricated using punched, formed and welded 14 gauge sheet steel. The Bench Top shall be Play-Tuff™ coated after fabrication.

BENCH FRAME INGROUND LEG:

Shall be fabricated using 2.375" O.D. 11 gauge steel tubing with welded 10 gauge steel mounting plate. The Bench Frame Inground Leg shall have a multi-stage baked-on powder coat finish.

BENCH FRAME SURFACE MOUNT:

Shall be fabricated using 2.375" O.D. 11 gauge steel tubing with welded 1.5" x 3" rectangular tube steel and welded 10 gauge steel mounting plates. The Bench Frame Surface Mount shall 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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