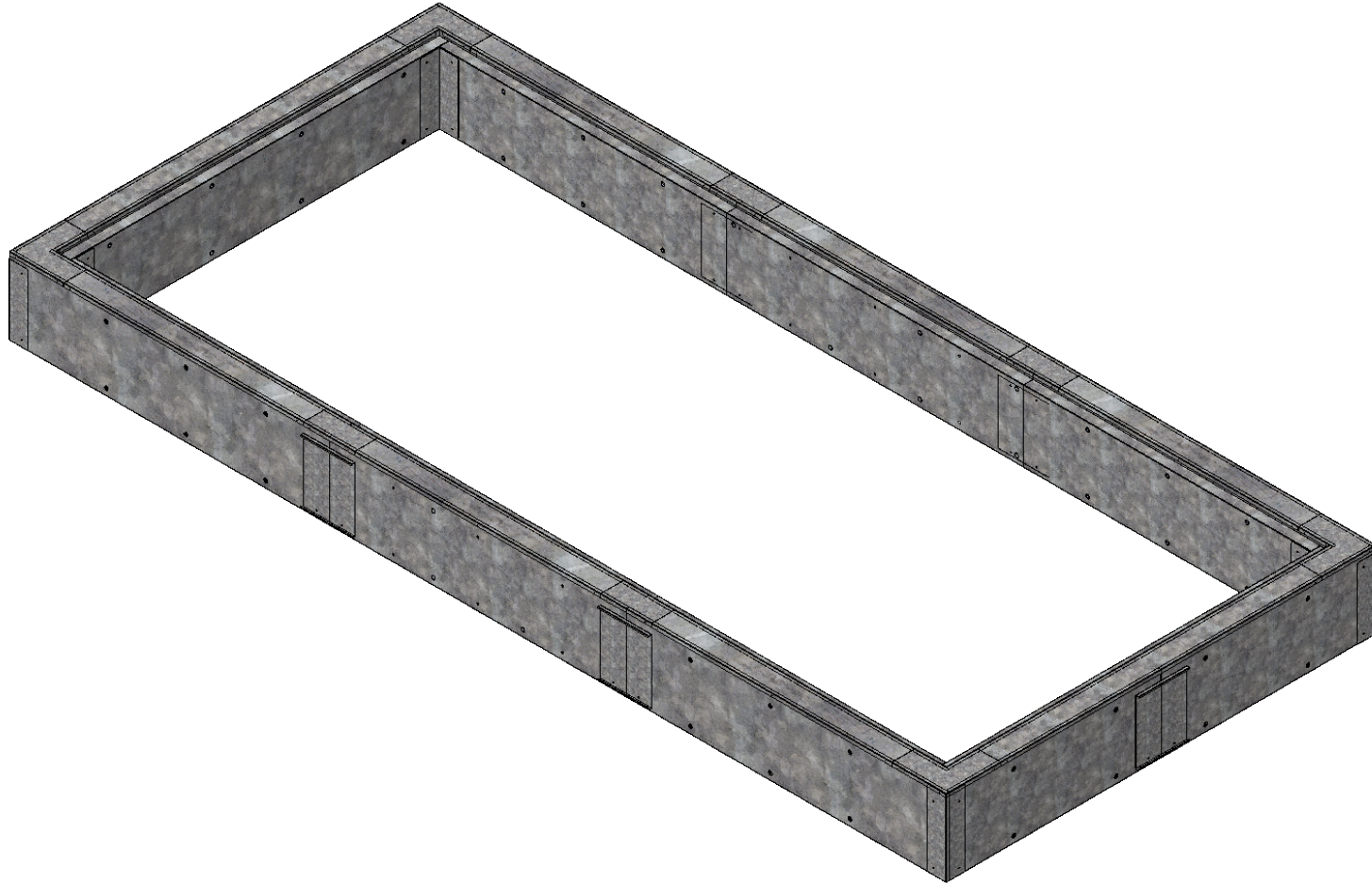


# AAE Model No. PFS-HS High School Pit Form System

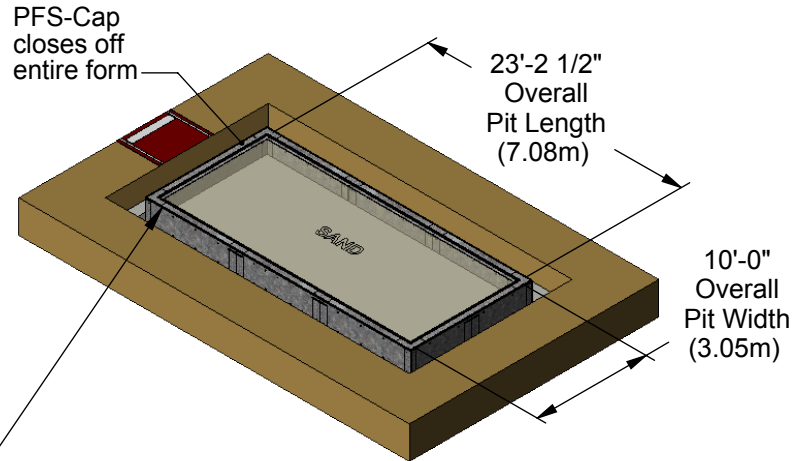


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[www.AAEsports.com](http://www.AAEsports.com)

# PFS-HS - High School Pit Form

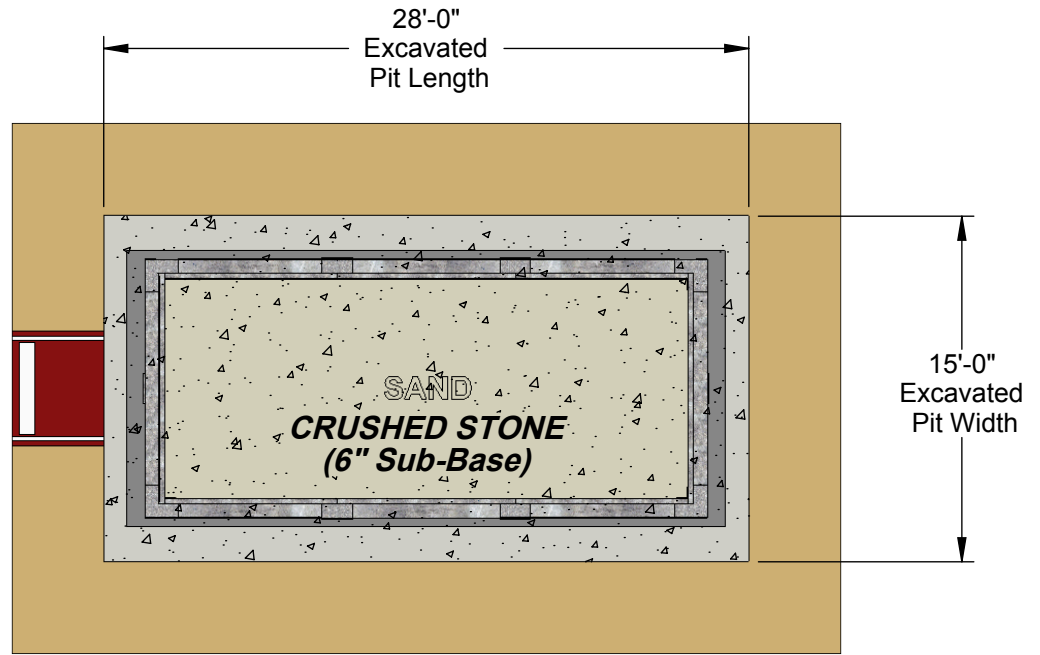
## Long/Triple Jump Pit

### Layout Specifications

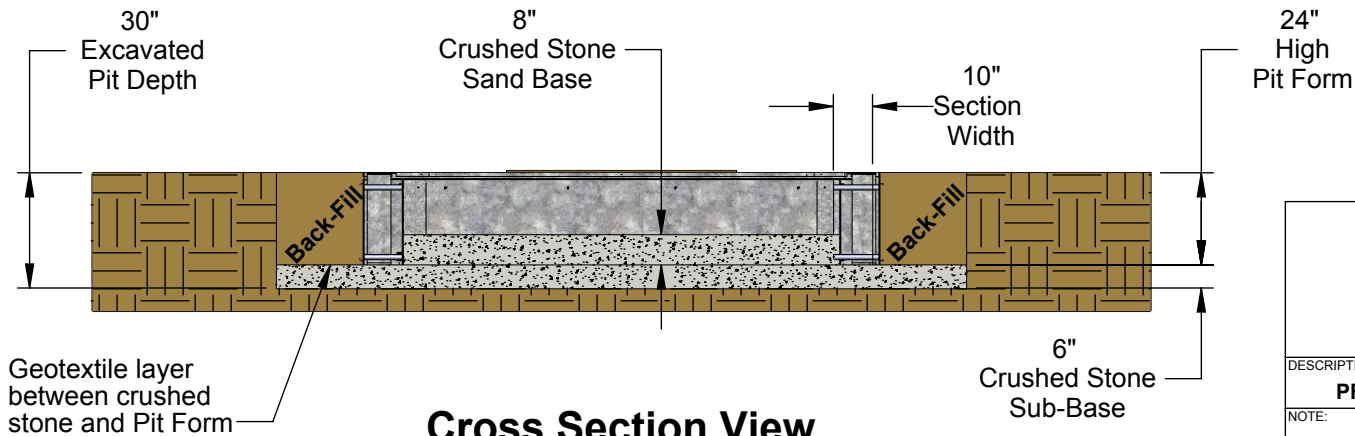


**Isometric View**


- Pre-fabricated Pit Form (8 sections)
- Stainless Steel (12 ga. - 304 2B finish) Inner Panels
  - Galvanized Steel (12 ga.) Outer Panels



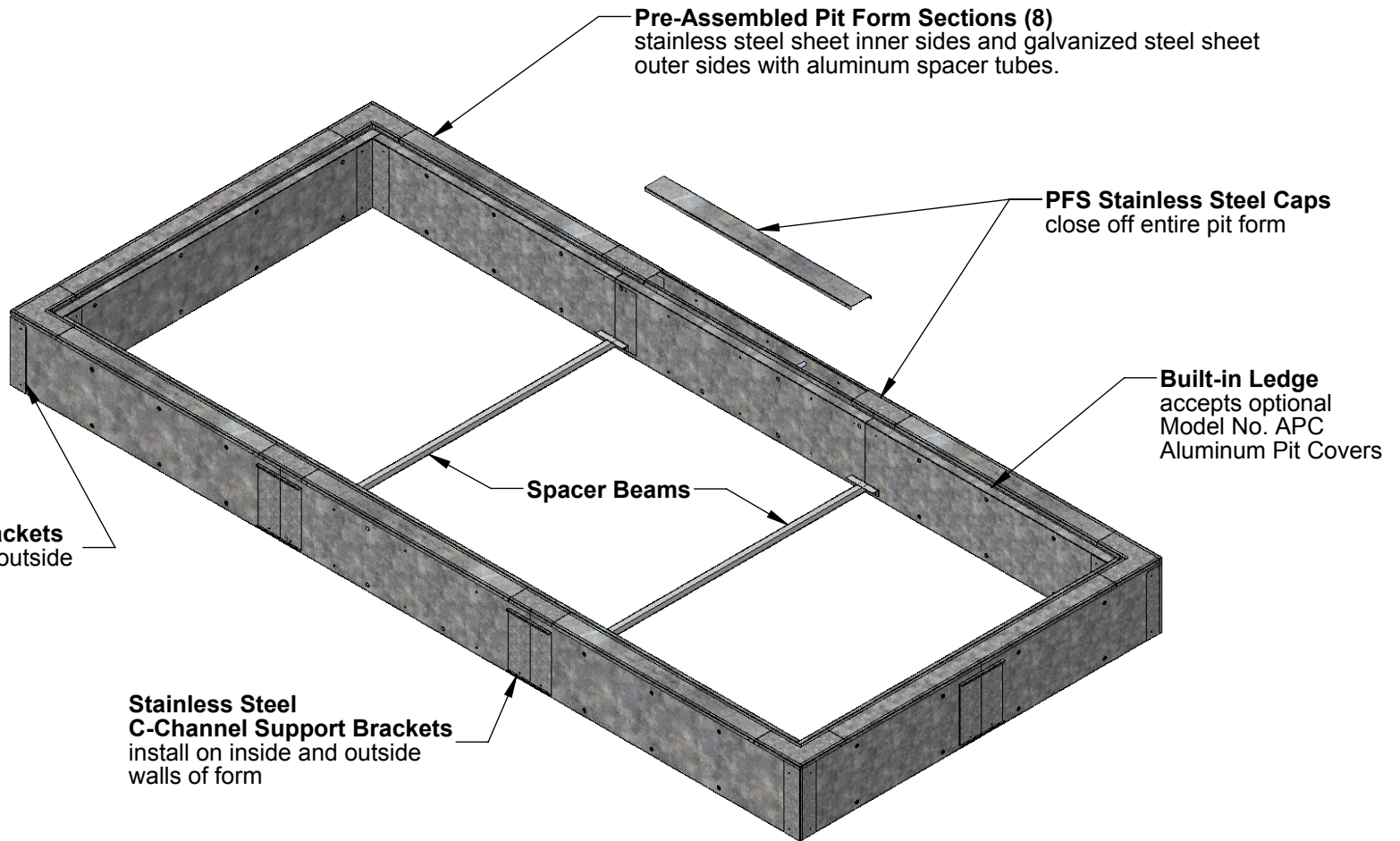
**Plan View**



**Cross Section View**

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DESCRIPTION:		
<b>PFS-HS- High School Pit Form - Layout Specifications</b>		
NOTE: Stainless Steel Pit Form Layout		
MODEL:	CATEGORY:	DATE:
PFS-HS	<b>CUSTOMER</b>	07/21/11
DWN. BY:	CAD FILE:	DWG. NO.:
TAD	PFS-HS Packet	PFS-HS-C-001

# PFS-HS Pit Form Specifications



**Stainless steel  
Corner Support Brackets**  
install on inside and outside  
corners of form

**Stainless Steel  
C-Channel Support Brackets**  
install on inside and outside  
walls of form

**Pre-Assembled Pit Form Sections (8)**  
stainless steel sheet inner sides and galvanized steel sheet  
outer sides with aluminum spacer tubes.

**PFS Stainless Steel Caps**  
close off entire pit form

**Built-in Ledge**  
accepts optional  
Model No. APC  
Aluminum Pit Covers

**Spacer Beams**

## Notes:

- No concrete required
- Stainless Steel (12 ga. - 304 2B) pre-fabricated pit form inner sides, support brackets, and caps
- Galvanized Steel (12 ga.) pre-fabricated pit form outer sides
- Sections are shipped pre-assembled (8 sections)
- Overall Weight = 1,800 lbs

**AAE**<sup>®</sup>

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DESCRIPTION:		
<b>PFS-HS - Pit Form Specifications</b>		
NOTE: Pit Form Details		
MODEL:	CATEGORY:	DATE:
PFS-HS	<b>CUSTOMER</b>	07/21/11
DWN. BY:	CAD FILE:	DWG. NO.:
TAD	PFS-HS Packet	PFS-HS-C-002

# PFS-HS Assembly

D

C

B

A

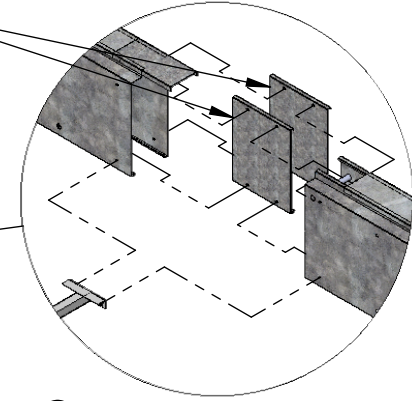
D

C

B

A

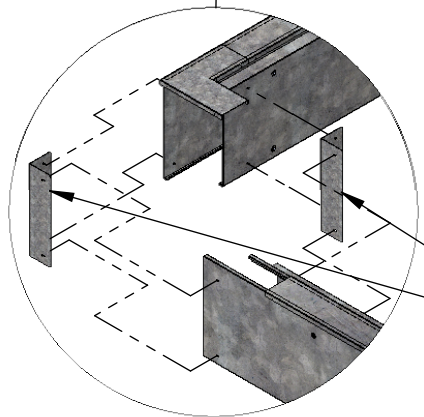
C-Channel Support Brackets  
install on inside and outside  
walls of pit form




DETAIL A  
SCALE 2 : 75

Spacer Beams

Corner Support Brackets  
install on inside and outside  
corners of pit form



DETAIL B  
SCALE 2 : 75

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DESCRIPTION:		
<b>PFS-HS - Assembly</b>		
NOTE:		
PFS-HS Callout Assembly Sheet		
MODEL:	CATEGORY:	DATE:
PFS-HS	<b>CUSTOMER</b>	07/21/11
DWN. BY:	CAD FILE:	DWG. NO.:
TAD	PFS-HS Packet	PFS-HS-C-003

**PFS-HS  
HIGH SCHOOL PIT FORM SYSTEM  
INSTALLATION INSTRUCTIONS**

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**A. PRE-INSTALLATION**

**Pit Form System: Placement**

1. Refer to architectural drawings and plans for the placement of the pit form system to be installed.

**Notes:**

*According to 2011-12 NFHS High School Long Jump/Triple Jump Event Rules, the take-off board is to be positioned so that there is 12ft for boys and 8ft for girls from the front inside edge of the pit to the edge of the take-off board closest to the pit.*

2. PFS-HS: a pit shall be excavated (equally centered off the planned runway) at least 15' wide by 28' in length and a minimum of 30" below finished grade level.
3. Use 2A modified crushed stone as the base surface and compact to 80% to 85% approximately 25-1/2" below finished grade level (or top of track surface). Add 1" of screenings (compacted) on top of 2A modified for a total of approximately 24-1/2" below finished grade level.
4. Level pit area out and fill any uneven surfaces, make sure to compact area again.

**B. ASSEMBLY**

AAE's Pit Forms come pre-assembled in sections to assist the customer!

1. For reference, the distance from the inside edge of the pit to the take-off board on the runway should be 12ft for boys' and 8ft for girls' Long Jump/Triple Jump event in accordance with 2011-12 NFHS Rules.
2. Use a string-line and center the line down the runway and place at far end of pit form excavation area. Center form between A & B and G & H (See drawing PFS-HS-C-003).
3. Refer to drawing PFS-HS-C-003, and assemble accordingly using stainless steel hardware, C-Channel Support Brackets, and Corner Support Brackets.
4. Install the included aluminum "Spacer Beams" to help maintain the correct width of the pit. Also cut 3 pieces of 2x4 at a length of 120" to shim between the top ledges of the pit for temporary installation before Step #7 - Back-Filling.
5. Squaring the pit form: Measure diagonally between the far outside corners. Dimension should be approximately 322 1/8".
6. Before Back-Filling: Make sure pit form is plumb and centered accordingly. Place cut 2x4x120" temporary supports and space evenly along the length of the pit form between ledges. Use rebar stakes, two on each corner to keep form from shifting
7. Back-Filling: Using the excavated soil, back-fill the outside of the form halfway. Pour approximately 8" of crushed stone on the inside of the pit and spread evenly. This

**PFS-HS  
HIGH SCHOOL PIT FORM SYSTEM  
INSTALLATION INSTRUCTIONS**

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will help ensure the anchoring of the pit form walls.

8. Geotextile: Use geotextile material on top of the level crushed stone. This will keep sand from filtering through the crushed stone.
9. 2<sup>nd</sup> Back Filling: Use remainder of excavated dirt and back-fill the second half of the outside edges of the pit. Fill to the level needed to asphalt around the pit form for track surface (same for grass or artificial turf). Asphalt should be level with the top of the pit form caps.
10. Use provided caulk tube to fill all adjoining sections both inside the pit form and the sand catchers to seal the form and not allow for sand to filter out.
11. Fill remainder of pit with sand to the top of the form.

**C. PFS-HS Caps**

Pit form caps are designed to accept contractor-applied synthetic track surface. All caps around the pit form should be covered with synthetic track surface. **Consult local sports surfacing company for application of synthetic material.**

**D. OPERATION, CARE & SPECIAL INSTRUCTIONS:**

1. When Pit Form **is** in use, covers should be removed from the pit.
2. When the Pit Form **is not** in use, covers should be installed. When using optional APC Pit Covers, sand must be removed from the pit and relocated for the covers to fit correctly.
3. Pit Form Covers are designed to cover the pit primarily for safety and to add extra field area for athletes. The Cover **is not** designed to withstand or support grounds equipment or vehicular traffic.
4. For additional support needed under covers in high traffic areas contact AAE for Auxiliary Beam Support System for use with this long/triple jump form system.

**FOR TECHNICAL ASSISTANCE, CALL 1-800-523-5471**

K:\AAE Data\PDF Files\Z-Product Instructions & Parts Lists\Track & Field\PFS & SSC\PFS-HS - Installation Instructions.doc  
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