

## Field Perimeter and Plastics

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The *FIRST* Robotics Competition field perimeter has two approved variations. One of these two variations must be used at any official *FIRST* Robotics Competition event. Using either of these designs ensures that the game specific components supplied by *FIRST* will be able to be integrated into the field perimeter.

### Option 1 – AndyMark Field Perimeter

This option is an extruded aluminum and polycarbonate field. It includes the perimeter and cases for transportation. It can be purchased directly from the AndyMark [website](#).

### Option 2 – Welded Perimeter

This option is the original field perimeter designed by *FIRST* Robotics Competition staff and is the design that is supplied to regionals in the continental United States. It consists of welded aluminum assemblies, sheet metal and plastic panels. Interested parties will need to obtain quotes from local vendors or *FIRST* suppliers (see below). Find the most up to date [Drawings](#) on the playing field webpage.

#### Part Quantities:

Part Number	Quantity
FE-00001	8
FE-00002	2 Left/2 Right
FE-00003	9
FE-00004	6
FE-00005	14
FE-00006	4
FE-00007	6
FE-00008	5
FE-00009	9
FE-00010	9
FE-00012	7

Part Number	Quantity
FE-00014	4
FE-00015	16
FE-00018	4
FE-00026	32
FE-00027	8
FE-00028	4
FE-00031	4
FE-00044	5
FE-00045	8
FE-00046	8
FE-00050	16

#### Vendors:

##### Aluminum Welding and Fabrication

**Bri Weld Industries**  
55 Gold Ledge Avenue  
Auburn, NH 03032  
Contact: Brian Potter  
Phone: 603-622-9480  
Fax: 603-627-8770

##### Plastic Fabrication

**Piedmont Plastics**  
8 Liberty Drive  
Londonderry, NH 03053  
Website: [www.piedmontplastics.com](http://www.piedmontplastics.com)  
Phone: 603-669-2727