



# SPORTING ARROWS

## Archery Range Considerations for Laporte's Bowtrap System

The following parameters of the program and site requirements must be followed as outlined in order to execute the program correctly. At this time, the only equipment to be used with the Laporte Bowtrap System is a bow with a maximum of a 26-pound pull and the Laporte proprietary safety arrows, or "Flu-flu Arrows."

**Purpose & Scope:** This Design Guideline will address the basic parameters of the range or area that will be used for sporting arrows. "Sporting Arrows" was introduced to the Scouting community at the 2014 National Scout Jamboree. This is a new archery game where Scouts fire at foam disk that are launched in the air or rolled along the ground by a proprietary "Bowtrap" manufactured by Laporte - <http://us.laporte.biz/archery.html>.



This Design Guideline is based on the use of a maximum of a 26-pound bow with Laporte's proprietary safety arrows, or "Flu-flu Arrows", and winds of 30 miles per hour or less. Laporte's proprietary safety arrows, or "Flu-flu Arrows", are design to be used with these foam targets and have a maximum range of 190 feet (see Drawing No. 1).

**Fall Areas:** Because archers will be shooting at various angles, a 180 degree safety area, referred to as a fall area shall be fenced or marked in such a way to prevent people from accidentally walking into the sporting arrow range. The majority of the arrows will fall in the primary fall area, a 90 degree area centered in front of the shooters. This area should be clear of trees to ensure safety and help with the recovery of the arrows. It is permissible to have trees or other tall vegetation in the side fall areas, but they should be cleared if possible. The perimeter of this fall area shall be clearly marked. This could be permanent fence or a temporary fence/caution line. Permanent and temporary fences should be clearly marked and labeled to prevent people from accidentally walking on the range. Temporary fences should be installed in such a way that it will survive a weekend of activity and weather.



## SPORTING ARROWS

March 2016 Update

DESIGN  
316  
GUIDELINE

**Supervisory Personnel:** There should be a ratio of 1 Level I Archery instructor supervising up to 3 shooters on the range. Only 3 shooters allowed at one time on the range per Design Guideline 316 found at [www.scouting.org/properties](http://www.scouting.org/properties). The Level I Archery instructor must be a minimum of 18 years old. This applies to year-round use of the sporting arrows program, both summer resident and year-round camping. Starting in the fall of 2016, the Level I instructor must also take a module showing how the program works to be qualified. This module should be shared by fall 2016 with all participating councils.

If a council is in need of locating a Level I Archery instructor, there is a USA Archery website which lists who they are and where they are in the country. At this site, you can also find where the training opportunities are offered to get this certification.

Go to: <http://www.teamusa.org/USA-Archery/Coaching/Find-an-Instructor-or-Coach>

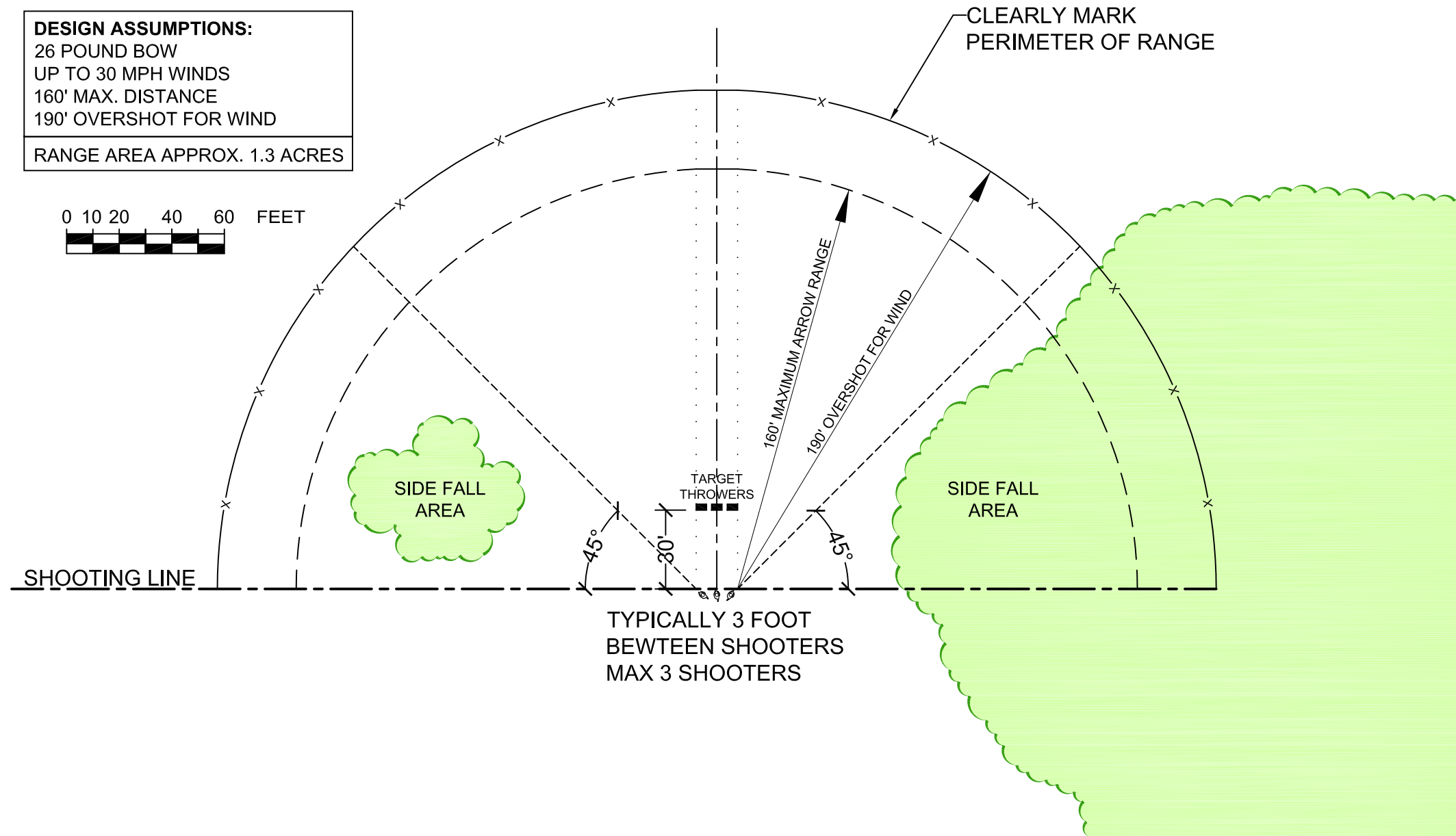
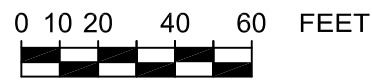
**References:** When setting up the range plan to include firing lines, waiting lines, benches, range flag and other features similar to the BSA 10 Yard range as illustrated on page 3 of Design Guideline 313 – Archery Ranges.

- [Design Guideline 313 – Archery Ranges](#) – Boy Scouts of America
- [National Shooting Sports Manual](#) – Boy Scouts of America

**Authorized Participation:** To conduct these programs, councils need to complete an application and submit it for approval to the Outdoor Programs/Properties Department by email to [shootingsports@scouting.org](mailto:shootingsports@scouting.org)



**DESIGN ASSUMPTIONS:**  
 26 POUND BOW  
 UP TO 30 MPH WINDS  
 160' MAX. DISTANCE  
 190' OVERSHOT FOR WIND  
 RANGE AREA APPROX. 1.3 ACRES



REVISIONS:

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**SPORTING ARROWS RANGE**  
 for Laporte Safety Arrows

DESIGNED: KC  
 DRAWN BY: MCP  
 CHECKED: JLS  
 ISSUED DATE:  
 MARCH 16, 2015

**1**  
 DRAWING NO.