



# 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. Based on these parameters, arrows will travel more than 370 feet (see Drawing No. 1). Laporte's proprietary safety arrows, or "Flu-flu Arrows", are designed to be used with these foam targets and have a maximum range of 190 feet (see Drawing No. 2).

**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

January 2015

DESIGN  
316  
GUIDELINE

**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)



REVISIONS:  
7/31/2014

BOY SCOUTS OF AMERICA  
PROPERTIES DEPARTMENT  
1325 W. WALNUT HILL LANE  
IRVING, TEXAS 75038  
PHONE: 972-580-1826  
FAX: 972-580-2563

## ACTION ARCHERY RANGE FOR REGULAR ARROWS

DESIGNED: BRG  
DRAWN BY: MCP  
CHECKED: BRG  
ISSUED DATE: JUNE 18, 2014

1

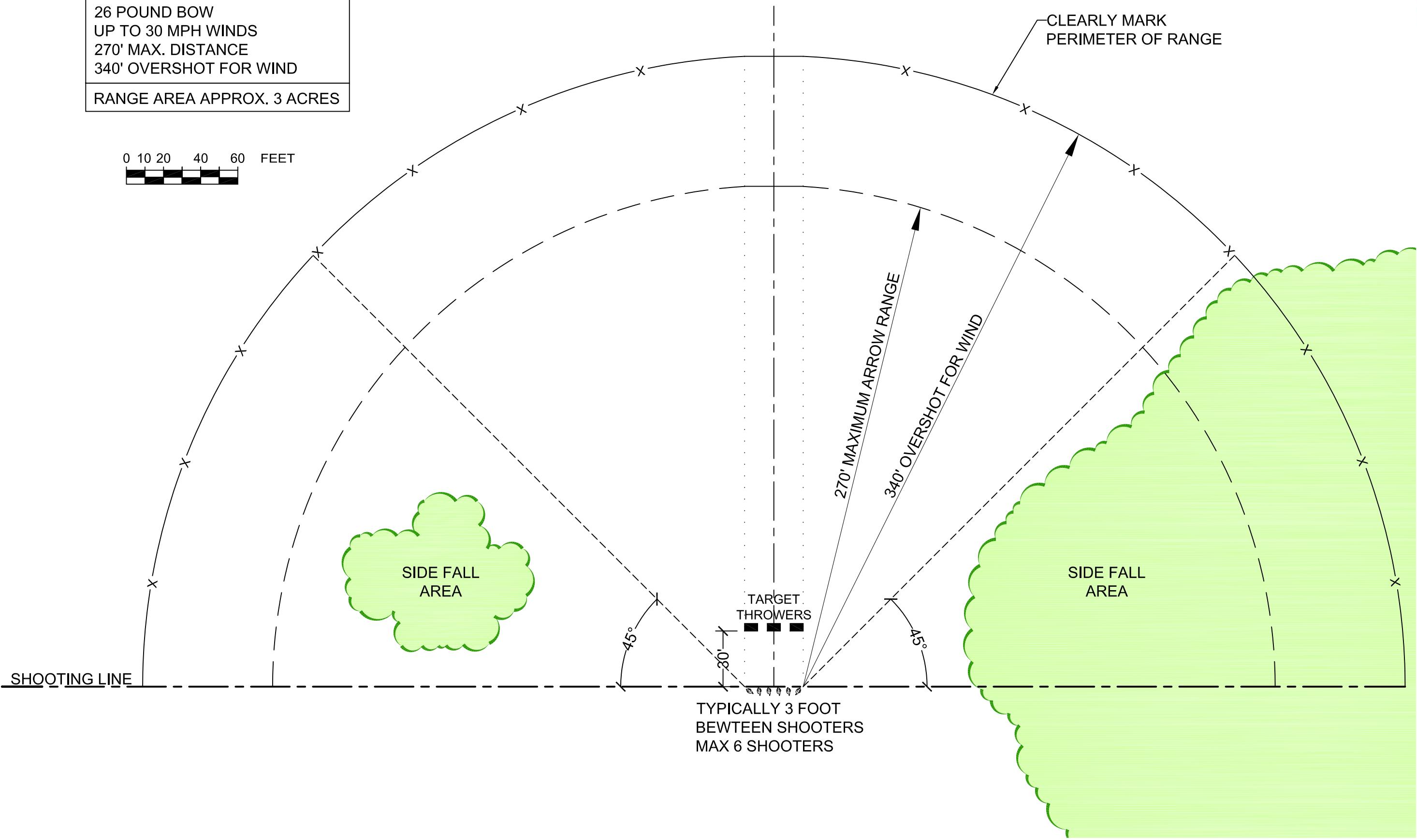
DRAWING NO.

### DESIGN ASSUMPTIONS:

26 POUND BOW  
UP TO 30 MPH WINDS  
270' MAX. DISTANCE  
340' OVERTHROW FOR WIND

RANGE AREA APPROX. 3 ACRES

0 10 20 40 60 FEET



BOY SCOUTS OF AMERICA  
PROPERTIES DEPARTMENT

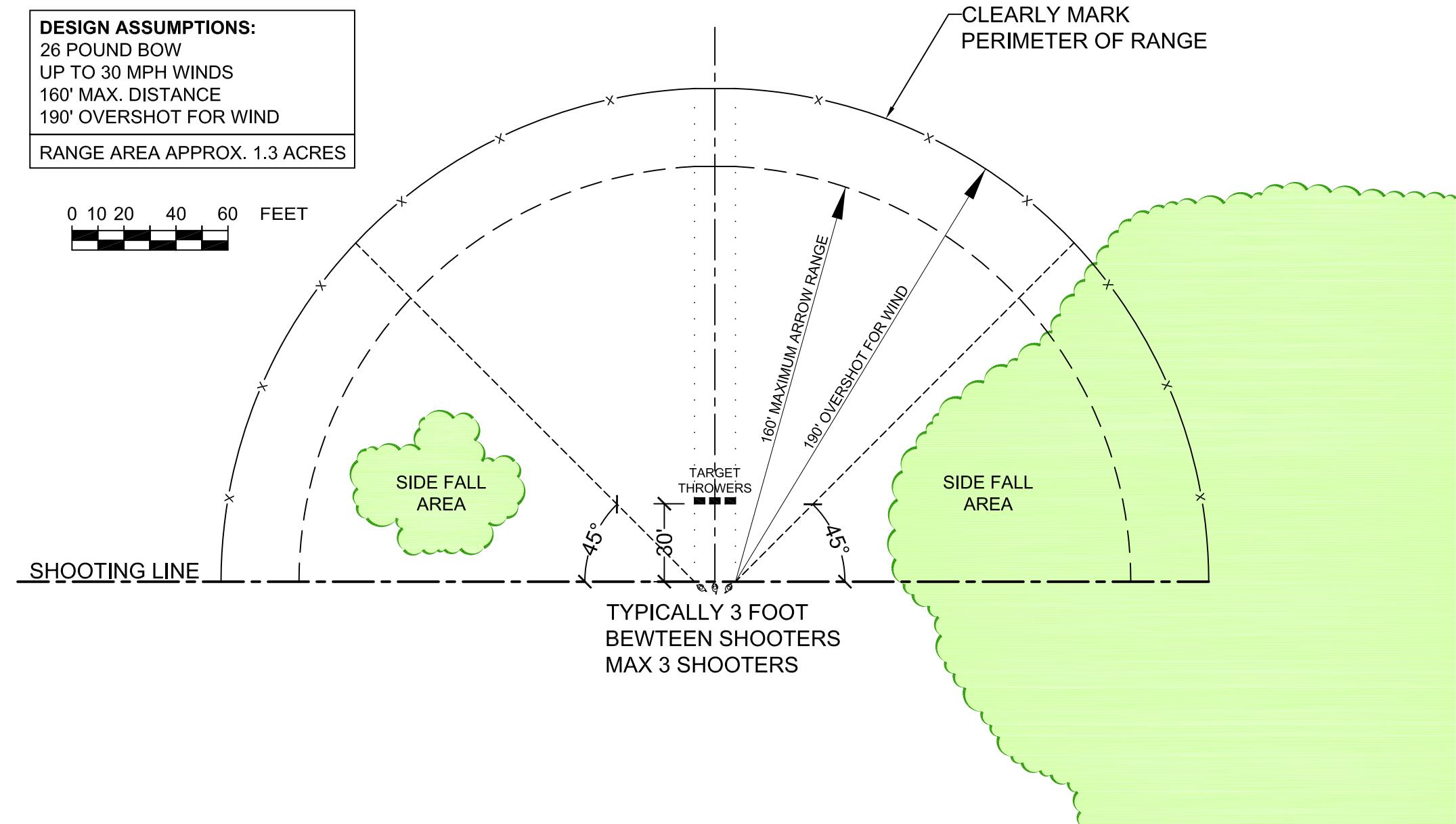


REVISIONS:  
7/31/2014

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## ACTION ARCHERY RANGE FOR SAFETY ARROWS

DESIGNED: BRG  
DRAWN BY: MCP  
CHECKED: BRG  
ISSUED DATE: JUNE 13, 2014  
DRAWING NO. 2



BOY SCOUTS OF AMERICA  
PROPERTIES DEPARTMENT