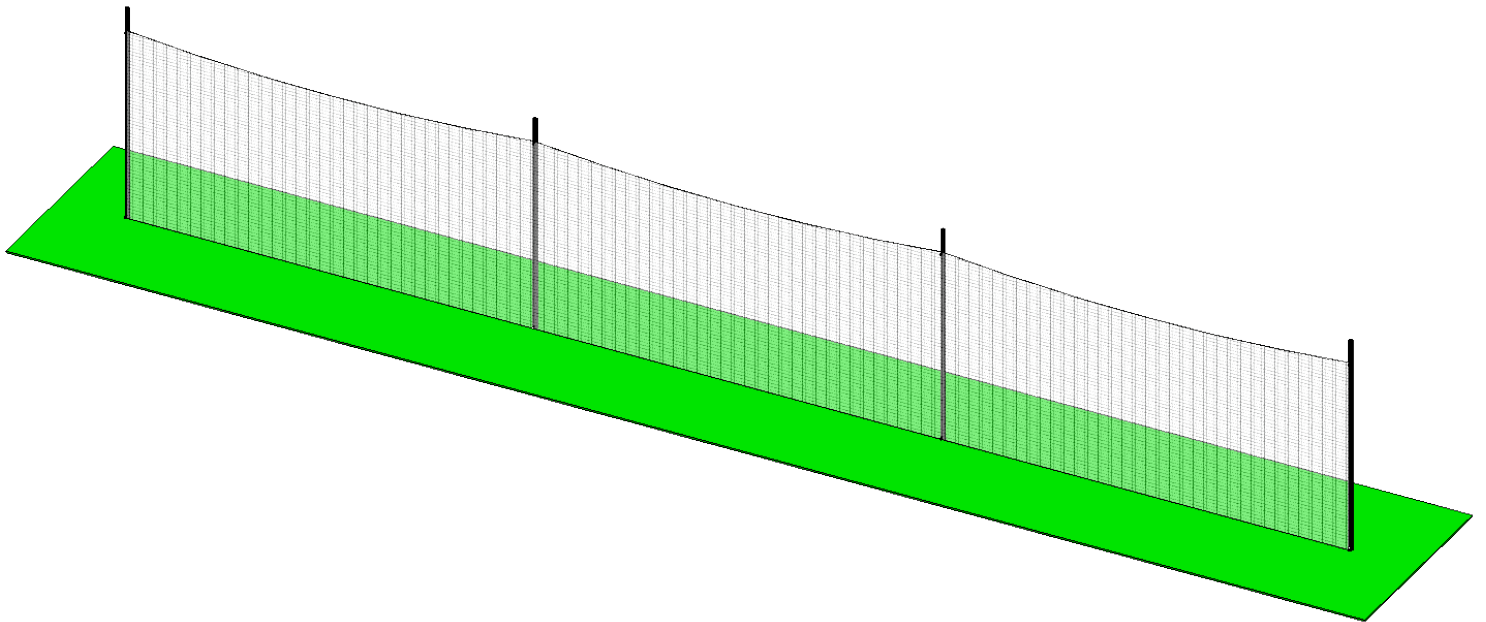


AAE Model No. HBS-1
10' High BallStopper System
Ground Sleeve Model



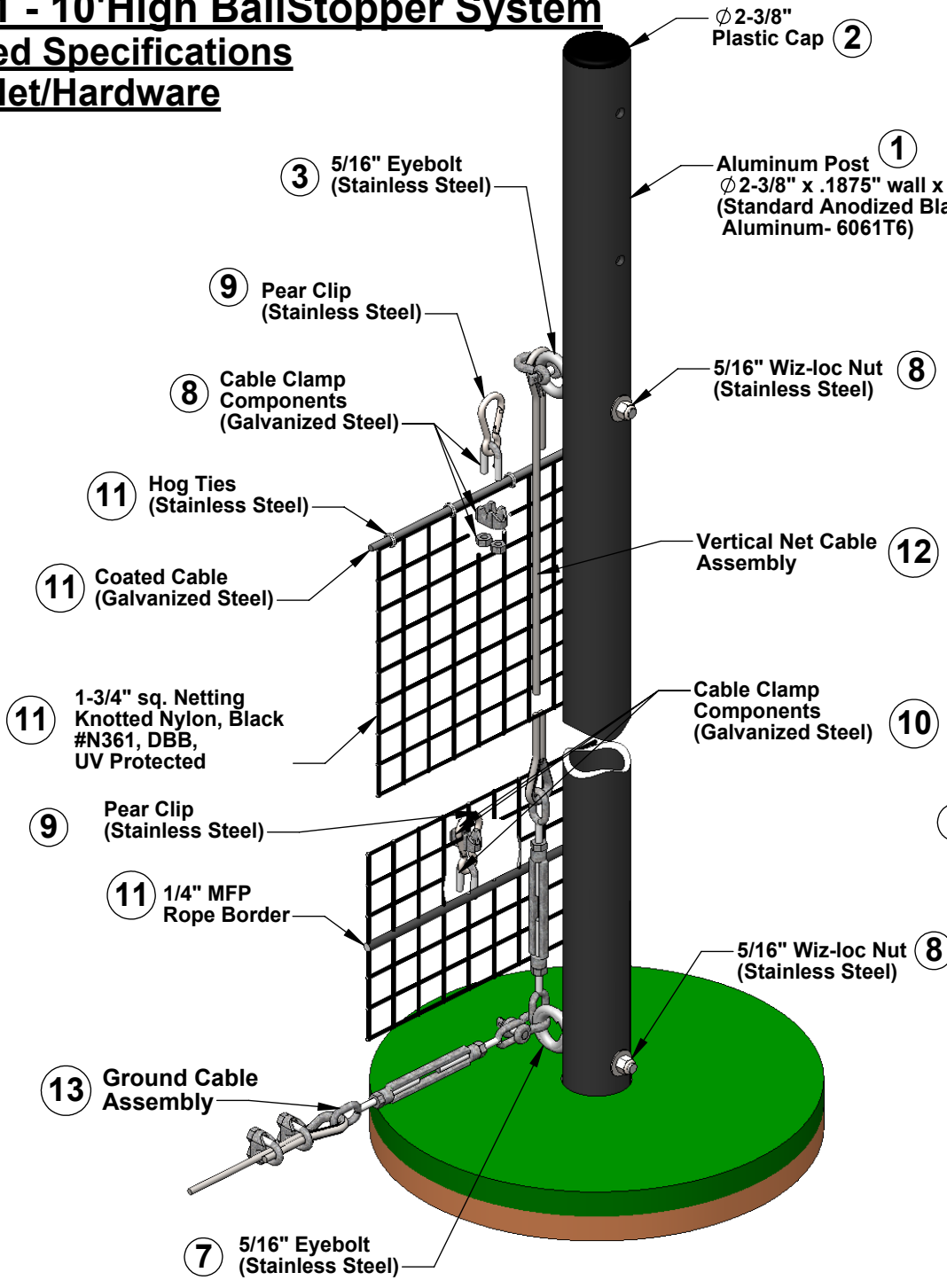
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1000 Enterprise Drive, Royersford, PA 19468
Toll Free: (800) 523-5471 Fax: (610) 825-2378
www.AAEsports.com

HBS-1 - 10'High BallStopper System

Detailed Specifications

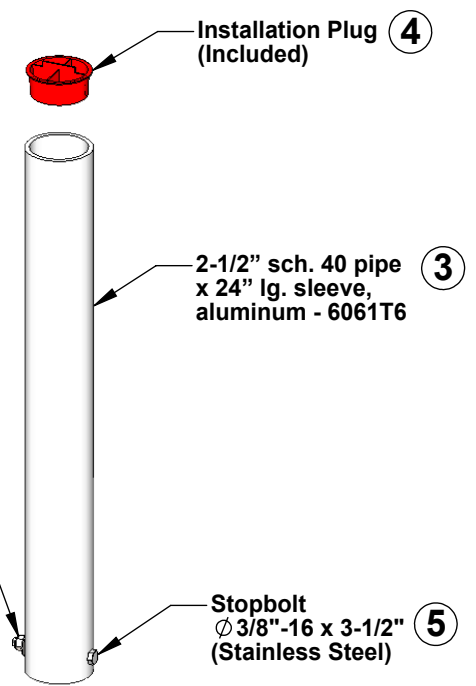
Post/Net/Hardware

D
C
B
A



ADDITIONAL NOTES:

- Posts come anodized black, if needed powder-coated must specify HBS-1-PC for an additional cost
- Posts can be customized in height (only up to 14') for an additional cost.
- All hardware is rustproof.
- Heavy-duty ground sleeve plugs are available at an additional cost, must specify Model No. GSP-2.50 for plug and Model No. GRPRT for the plug removal tool.



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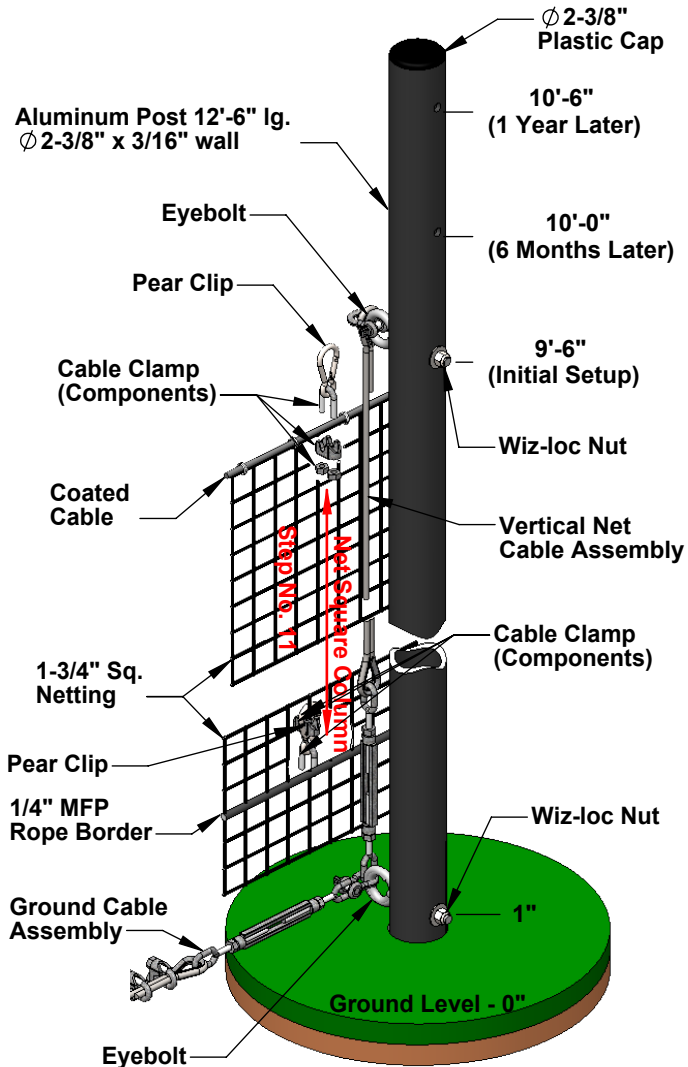
DESCRIPTION: 10'High BallStopper System - Specifications		
NOTE:		
MODEL: HBS-1	CATEGORY: CUSTOMER	DATE: 2/11/05
DWN. BY: TAD	CAD FILE: HBS-1 BallStopper Specs	DWG. NO. HBS-1-C-001

#1 Steps for Post Assembly

- 1) Insert Eyebolt to 9'-6" hole and tighten with Wiz-Loc Nut.
- 2) Insert Eyebolt to 1" high hole and tighten with Wiz-Loc Nut.
- 3) Place Post into Ground Sleeve with Eyebolts facing in towards playing field.
- 4) Install a vertical net cable assembly on the two end posts. Use an anchor shackle to attach the top and bottom of the cable assembly to the top and bottom eyebolts on the post. Tension the cable using the turnbuckle at the bottom as necessary.

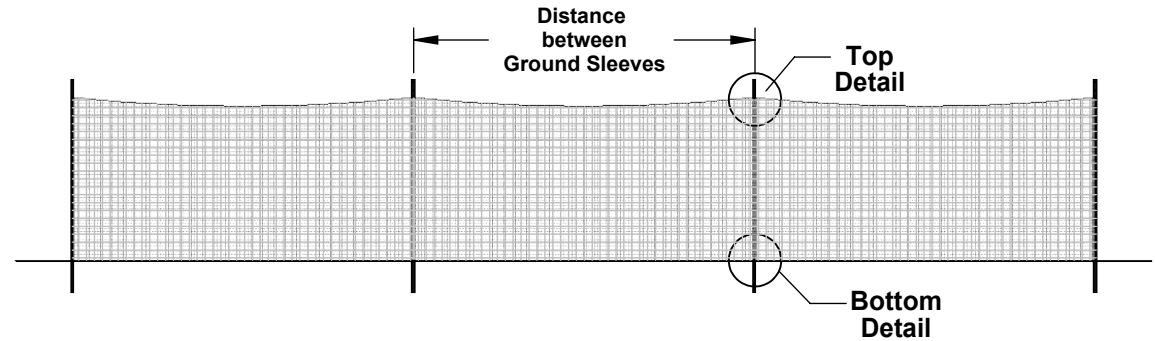
****Note:** Install net on playing field side. Posts should be on the outside. Also, as net stretches over time, move eyebolt to higher holes.

Top Detail



Bottom Detail

HBS-1 - Assembly

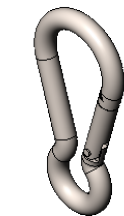


#2

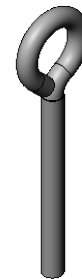
Steps for Erecting Net:

- 1) Lay the cable out along the length of the system. Attach the finished end of the Ground Cable assembly to the bottom anchor shackle on one end post.
 - 2) Assemble the other end of the cable with a turnbuckle and thimble. The cable should be tight when the turnbuckle is attached to the end post.
 - 3) Attach the turnbuckle to the bottom anchor shackle on the end post and tension the cable using the turnbuckle at both ends.
 - 4) Clip the cable to the eyebolts at the bottom of each post using a pear clip.
 - 5) Stretch net evenly along ground in front of posts.
 - 6) Make sure that the length of the net extends beyond the distance between the first and last posts.
 - 7) Locate the coated stainless steel cable; this is the top of the net.
 - 8) For the first post only; on the end of the coated stainless steel cable, measure 4 inches in and attach Cable Clamp with a Pear Clip.
 - 9) Measure distance between the first and the second posts. (ex: 20')
 - 10) Add 1/2" to Step No. 9 dimension. (ex: 20'+1/2")
 - 11) Holding the cable taut, space using Step No. 10 dimension (ex: 20'-1/2") and attach a Pear Clip with a Cable Clamp.
 - 12) Repeat Step Nos. 9 through 11 until finished
- **Note:** After 2 sections are complete, attach Pear Clip to Eyebolt at top to see if net appearance is desirable; adjust Pear Clip location if needed.
- 13) Attach all Pear Clips to Eyebolts on top of Posts.
 - 14) Using each Pear Clip attached at top of Cable, follow the net's square column to the bottom of the net to the 1/4" MFP Rope Border, which is offset 6" from the bottom of the net.
 - 15) Attach Pear Clips with Cable Clamp to 1/4" MFP Rope Border.
 - 16) Attach Pear Clip to eyebolt at bottom.
 - 17) Repeat Steps 14 through 16 until finished.
 - 18) Use plastic zip-ties every 6-8" to attach the sides of the net to the vertical net cables on each end post and the bottom of the net to the ground cable.

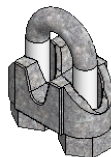
Hardware



Pear Clip



Eyebolt



Cable Clamp



Wiz-Loc Nut



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DESCRIPTION

HBS-1 - Assembly Instructions

NOTE:

MODEL:

HBS-1

CATEGORY:

CUSTOMER

DATE:

11/6/03

DWN. BY:

TAD

CAD FILE:

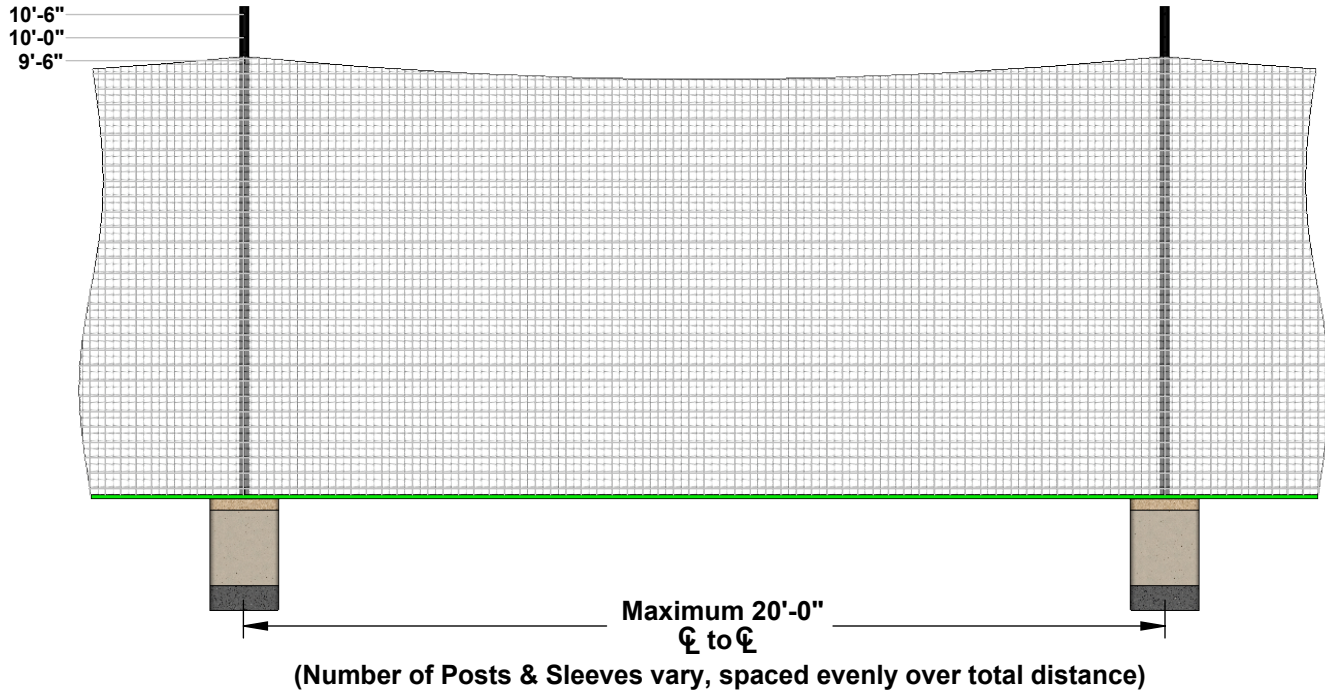
HBS-1 Assembly Instructions

DWG. NO.

HBS-1-C-002

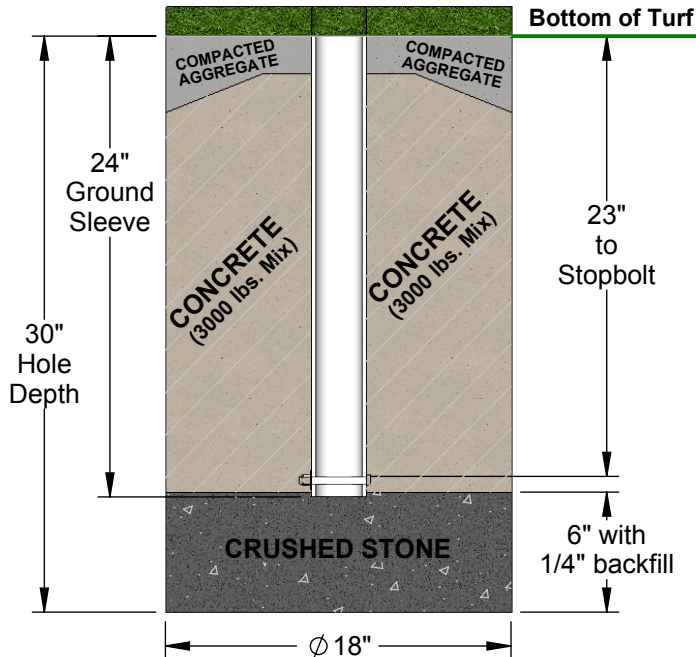
HBS-1 Ground Sleeves Specification & Installation

***PLEASE NOTE:**
Install eyebolt initially at 9'-6" hole, and as net expands in time move to higher location.

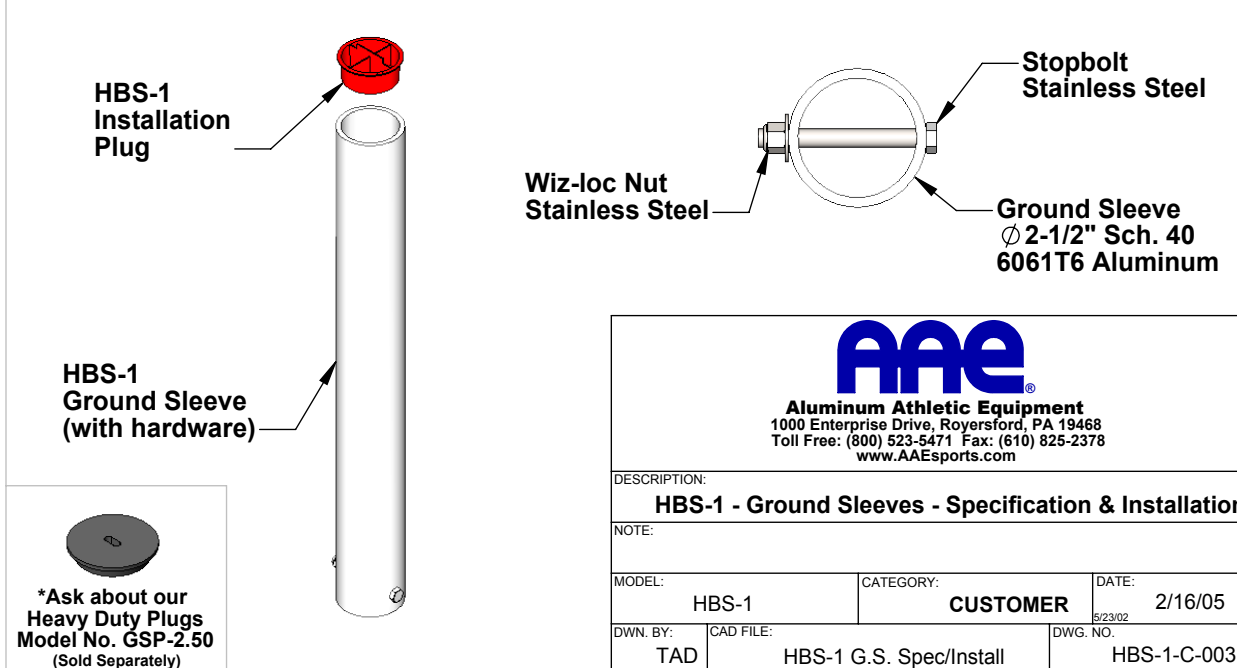


***Please Consult
Local Building Codes**

Ground Sleeve Detail



Ground Sleeve Components



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DESCRIPTION: HBS-1 - Ground Sleeves - Specification & Installation		
NOTE:		
MODEL: HBS-1	CATEGORY: CUSTOMER	DATE: 2/16/05
DWN. BY: TAD	CAD FILE: HBS-1 G.S. Spec/Install	DWG. NO. HBS-1-C-003

**HBS-1
10' HIGH GROUND-SLEEVE BALLSTOPPER SYSTEM
PARTS LIST**

Pt.#	Item	Description	Qty.
1	Post	ø2-3/8" o.d. x 3/16" wall x 12'-6" lg. post, mill finished, aluminum - 6061T6	Ω
2	Post Cap	LD polyethylene cap, black	***
3	Ground Sleeve	2-1/2" schedule 40 pipe x 24" lg. sleeve, aluminum - 6061T6	Ω
4	Ground Sleeve Plug	LD polyethylene plug, green (with tab)	***
5	Bolt	3/8"-16 x 3-1/2" bolt, s.s.	***
6	Nut	3/8"-16 wiz-loc nut, s.s.	***
7	Eyebolt	5/16" -18 x 4" eyebolt, s.s.	Σ
8	Nut	5/16" -18 wiz-loc nut, s.s.	Σ
9	Pear Clip	Spring loaded snap, s.s.	Σ
10	Cable Clamp	1/4" cable clamp, galvanized	Σ
11	Net w/ Cable	1-3/4" square knotted nylon net w/ 1/4" rope border, and 3/16" dia. galvanized cable (clear coated) hog ringed to net.	Ψ
12	Vertical Net Cable Assembly	3/16" dia. vinyl-coated galvanized cable, galvanized turnbuckle, two galvanized thimbles, and two galvanized anchor shackles	2
13	Ground Cable Assembly	3/16" dia. vinyl-coated galvanized cable, two galvanized thimbles, and two galvanized turnbuckles; one end assembled	1

Ω = (# ft. per side / 20 ft.) + 1

Ψ = # ft. per side

Σ = [(# ft. per side / 20 ft.) + 1]x 2

*** = included in another item

s.s.= Stainless Steel

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

K:\AAE Data\Product Instructions & Parts Lists\BallStopper Systems\HBS-1 Parts List.doc
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