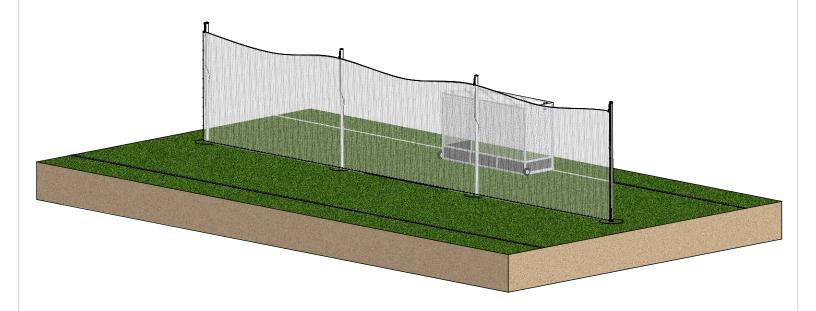
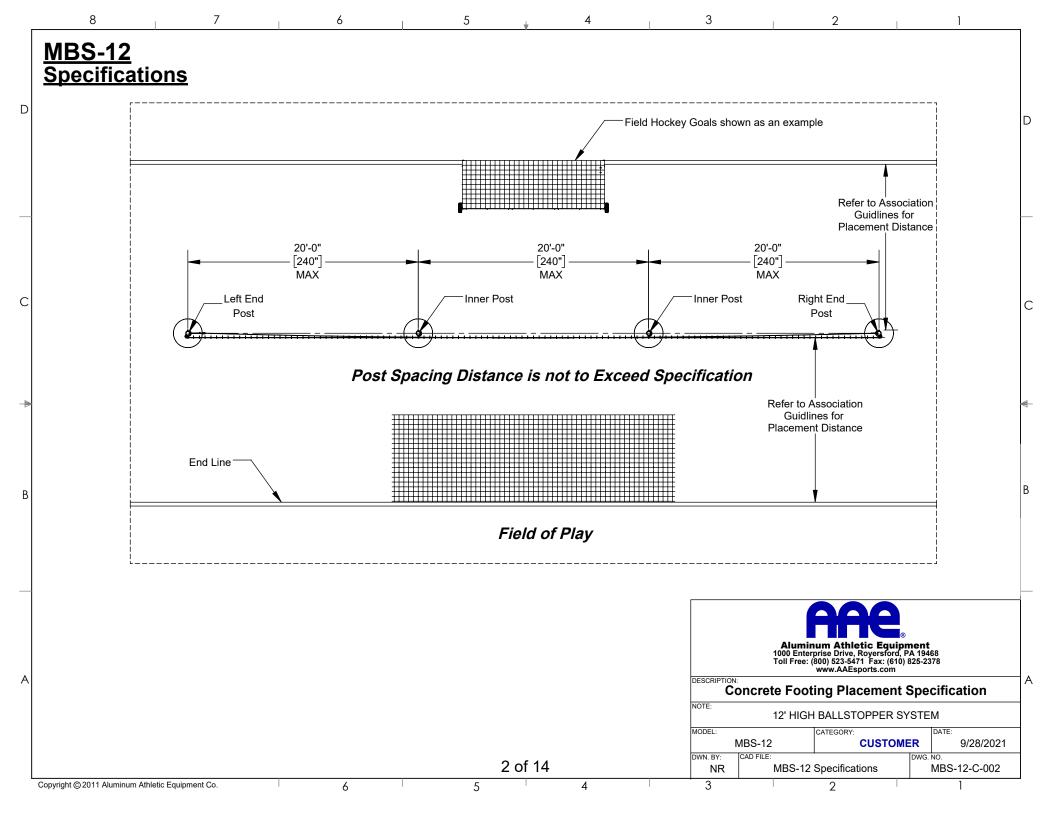
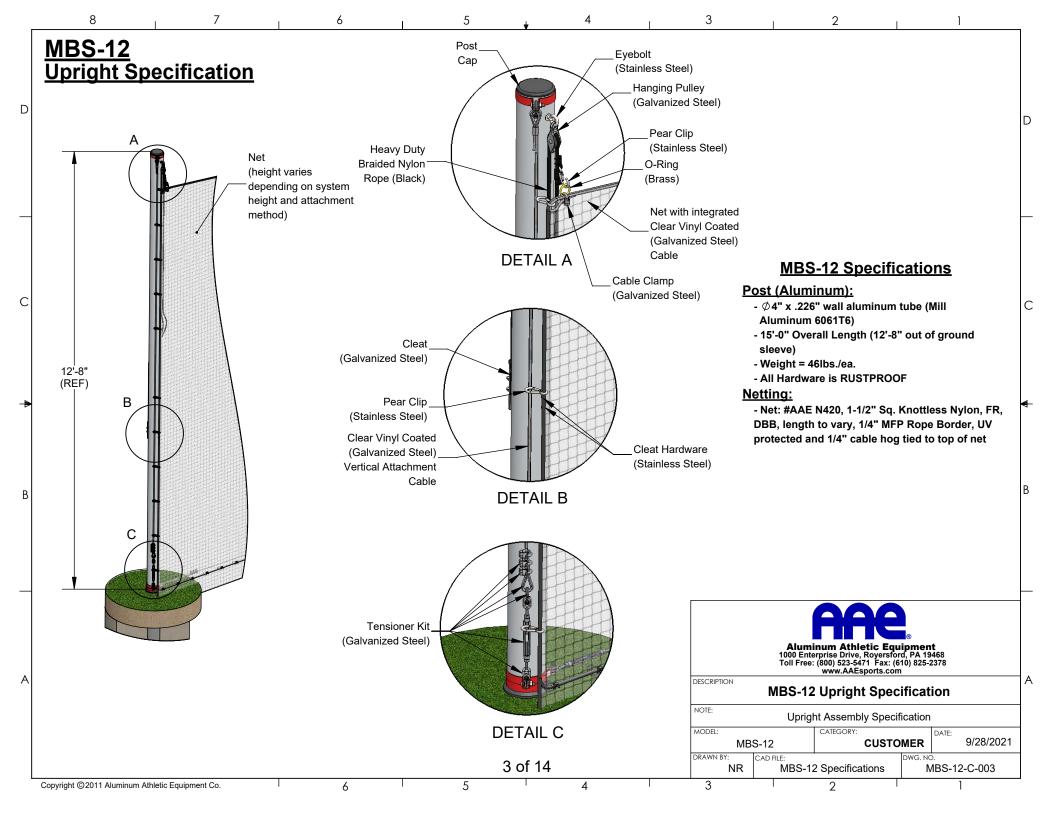
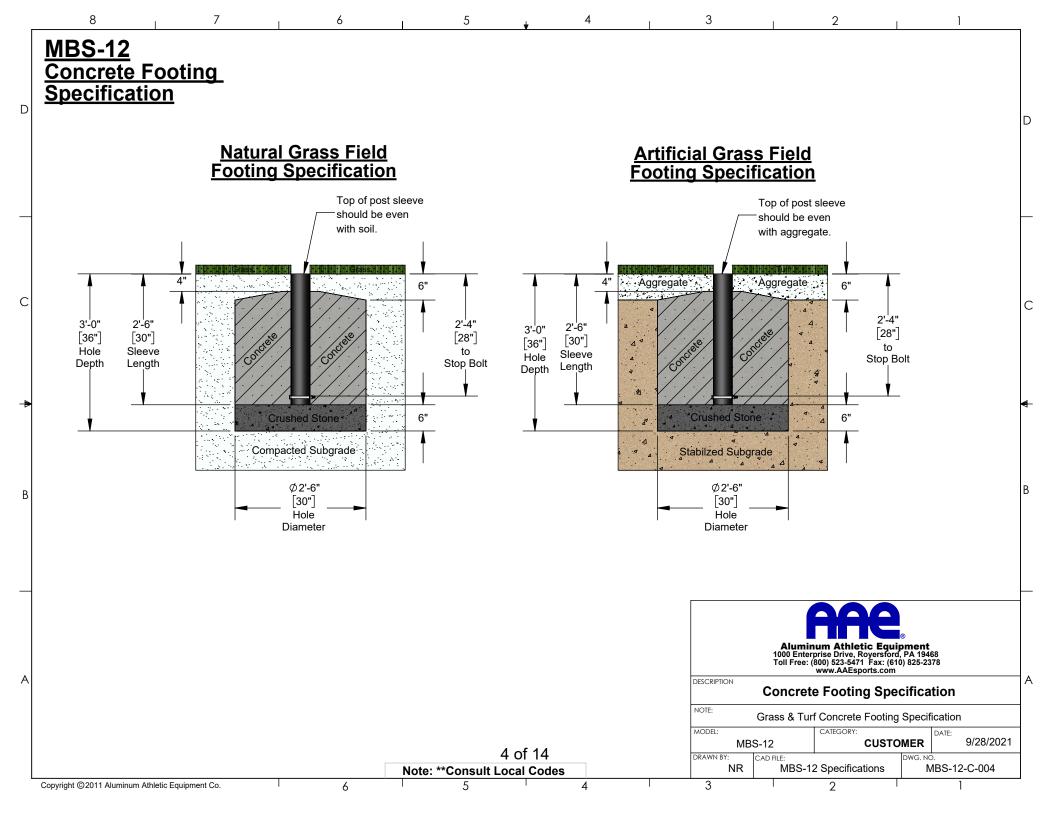
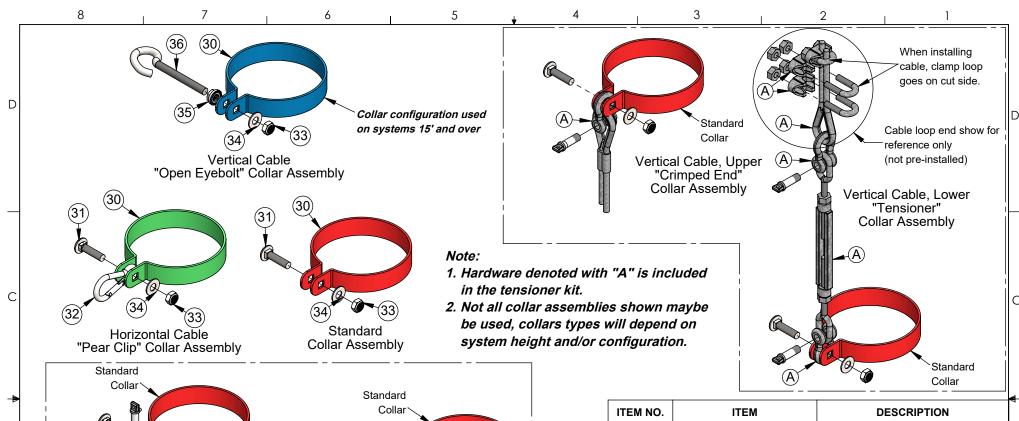
## MBS-12 12' High Multi-Sport BallStopper System Specification











Standard	
Collar	Standard
	Collar
	Collai
	8
A	
Right End Po	et
Lower Horizontal	Cable
"Anchor Shack	
Collar Assemb	ply
	A
	Left End Post Lower Horizontal Cable
	"Toncionor"
	Collar Assembly
l  When installing	<i>y</i>
cable, clamp loop	Cable loop end shown for
goes on cut side.	reference only
	(not pre-installed)
IDC 40	
IBS-12	Note: Collars are Black in color,

		··· <del>-</del> ···	22001 110	L
	30 Securing Collar		4", I.D., Securing Collar	]
	31	Bolt	5/16"-18 x 1-1/4", Carriage bolt, SS	]
	32	Snap	1/4", Pear Clip Snap, Plated	] B
	33	Ny-Lock Hex Nut, Thin	5/16"-18, Self Locking Nut, SS, Thin	] [
	34	Washer	5/16" Flat Washer, SS	1
	35	Wiz-Lock Hex Nut	5/16"-18, Wiz-Lock Nut, SS	]
	36	Open Eyebolt	5/16"-18, Open Eyebolt, SS	
37 Shackle		Shackle	1/4" Anchor Shackle, Galvanized	



Assembly Diagrams identification.

Cable Collar

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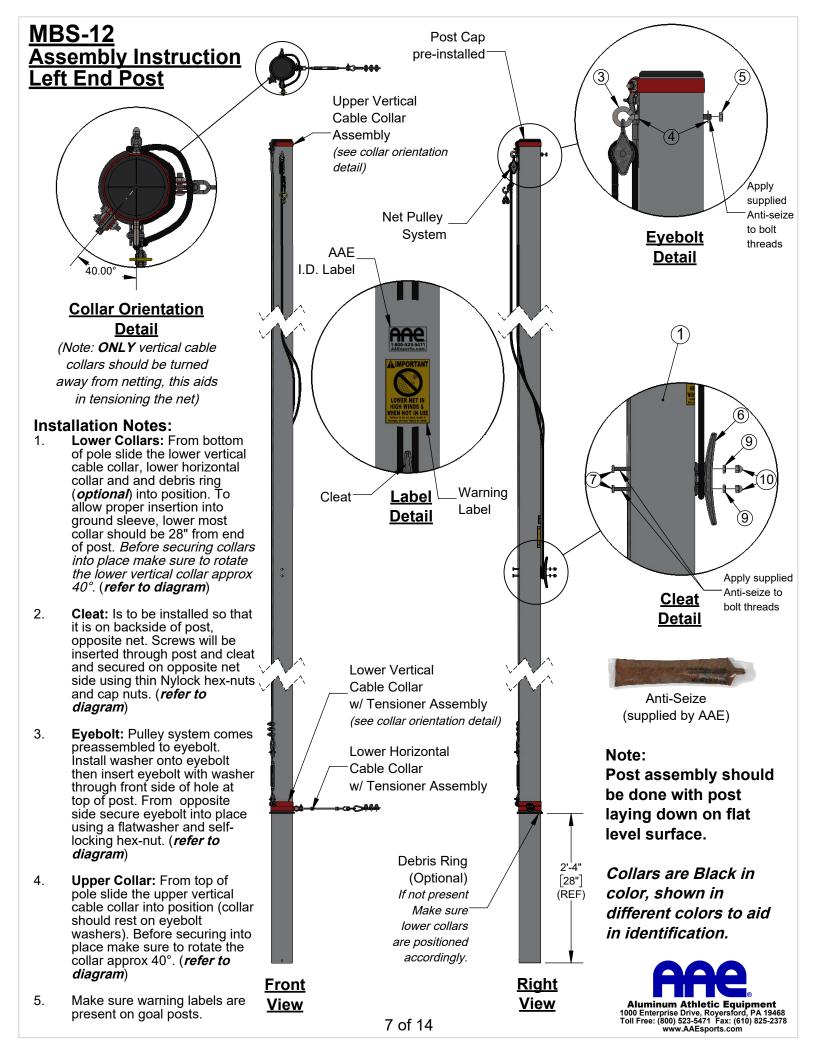
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shown in different colors to aid in

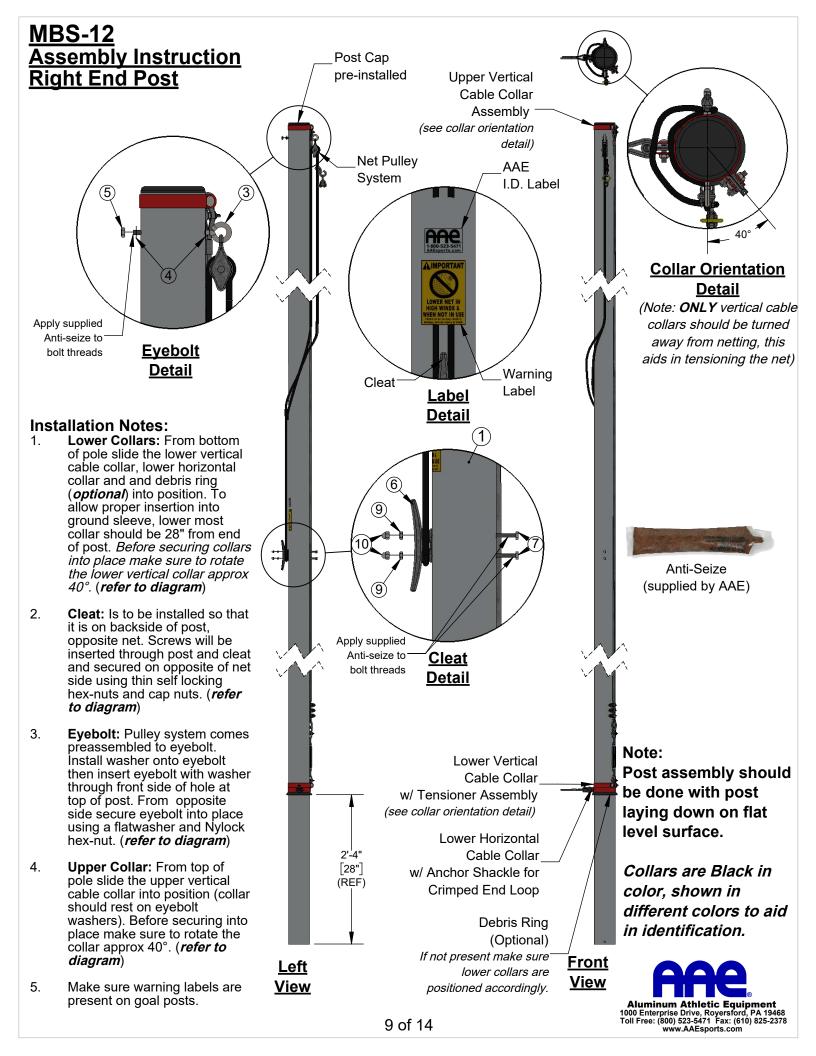
### Model No. MBS-12 Parts List

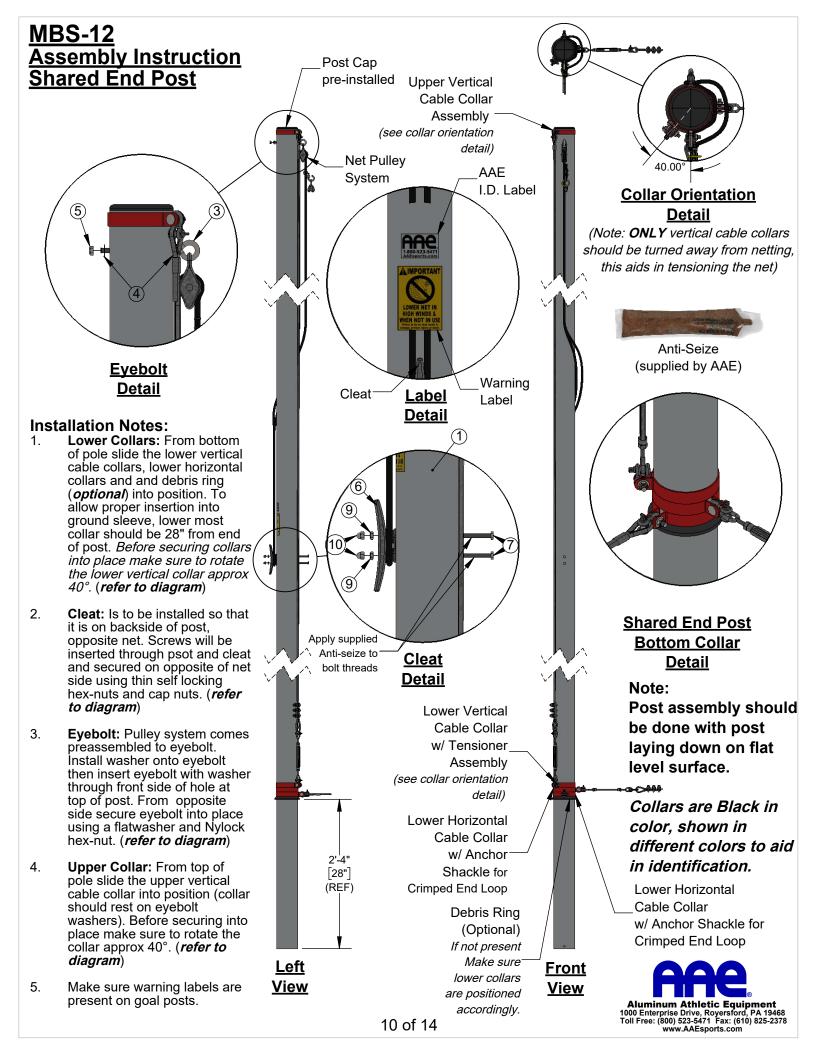
MBS-12 PARTS LIST						
Part List#	Item	Description	Qty.			
1	Post	12' MBS/SBS System Posts w/ Cap	Ω			
2	Ground Sleeve	30" Length Ground Sleeve, w/ Stop Bolt	Ω			
3	Hoist	Pre-assembled Hoist Rope/Pulley System	Ω			
4	Washer	5/16" Flat Washer, SS	Σ			
5	Hex Nut	5/16" Hex Nut, Self Locking	Ω			
6	Cleat	Taparad Clast Clavanized Steel				
7	Bolt	Tapered Cleat, Glavanized Steel	Ω			
		1/4"-20 x 5-1/2" Hex Bolt, SS	Σ			
9	Thin Hex Nut	1/4"-20 Thin Hex Nut, SS, Self Locking	Σ			
10	Cap Nut	1/4"-20 Cap Nut, SS,	Σ			
11	Standard Collar	4" I.D. Standard Collar	Φ			
12	Pear Clip Collar	4" I.D. Pear Clip Collar	π			
13	Open Eyebolt Collar	4" I.D. Open Eyebolt Collar	λ			
14	Tensioner Kit	Ball Stoper Tensioner Kit	Δ			
22	Net	#AAE N420, 1-1/2" sq. Mesh, Knottless Nylon	Ψ			
23	Pear Clip	1/4" Pear Clip Snap, Plated	4			
24	Cable Tie	15" Cable Tie, 120 LB., Black	¥			
OPTIONAL ACCESSORIES						
25	Debris Collar	Debris Collar, 4" Diameter	Ω			
		ill vary depending on length fo system)				
		(#ft. per section / 20 ft.) + 1				
$\Sigma = [(\# ft. per section / 20 ft.) + 1] \times 2$						
		- 2 (# shared corner posts (if applicable))				
		20 ft.) -1] - # shared corner posts (if applicable))				
$\lambda = \# \text{ end post} + [\# \text{ corner post} (\text{if applicable})]$						
$\Delta$ = 3 (# sections) - (#shared corner posts, if applicable) $\Psi = # \text{ ft. per section}$						
4 = (#ft net height) x [#endpost + (#shared posts, if applicable)]						
Y = (total #ft. persection, if multiple section, sum of sections) x 2						





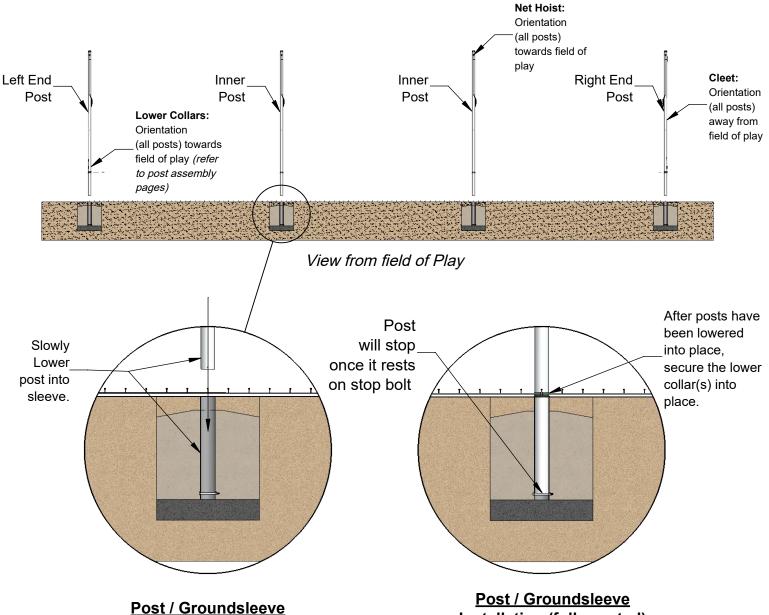
#### **MBS-12** Assembly Instruction Post Cap **Inner Post** pre-installed **Net Pulley** Apply System AAE supplied Anti-seize I.D. Label **Eyebolt** to bolt Detail threads **Collar Orientation Detail** (Note: ONLY vertical cable collars should be turned away from netting, this aids in tensioning the net) Installation Notes: Warning Lower Collars: From bottom of pole slide the lower Cleat Label Label horizontal collar and and debris ring (*optional*) into position. To allow proper Detail insertion into ground sleeve, lower most collar should be 28" from end of post. Before securing collars into place verify correct orientation. (refer Apply supplied to diagram) Anti-seize to <u>Cleat</u> 2. Cleat: Is to be installed so that bolt threads it is on backside of post, Detail opposite net. Screws will be inserted through post and cleat and secured on opposite of net side using thin self locking hex-nuts and cap nuts. (refer to diagram) Anti-Seize (supplied by AAE) 3. Eyebolt: Pulley system comes Lower Horizontal preassembled to eyebolt. İnstall washer onto eyebolt Cable Collar Note: then insert eyebolt with washer w/ Pear Clip through front side of hole at Post assembly should top of post. From opposite be done with post side secure eyebolt into place using a flatwasher and selflaying down on flat locking hex-nut. (refer to level surface. diagram) Upper Collar: From top of **Debris Ring** 4. Collars are Black in pole slide the upper vertical [28"] (Optional) cable collar into position (collar color, shown in (REF) If not present should rest on eyebolt different colors to aid washers). Before securing Make sure collars into place verify correct in identification. lower collars orientation. (refer to diagram) are positioned 5. Make sure warning labels are accordingly. **Front** present on goal posts. **Right View Aluminum Athletic Equipment** View 1000 Enterprise Drive, Royersford, PA 19468 Toll Free: (800) 523-5471 Fax: (610) 825-2378 www.AAEsports.com 8 of 14





## **MBS-12** Assembly Instruction Posts to Groundsleeve

Note: number of inner posts may vary from what is shown.



### **Installation Notes:**

View above is from net side of post (field of play).

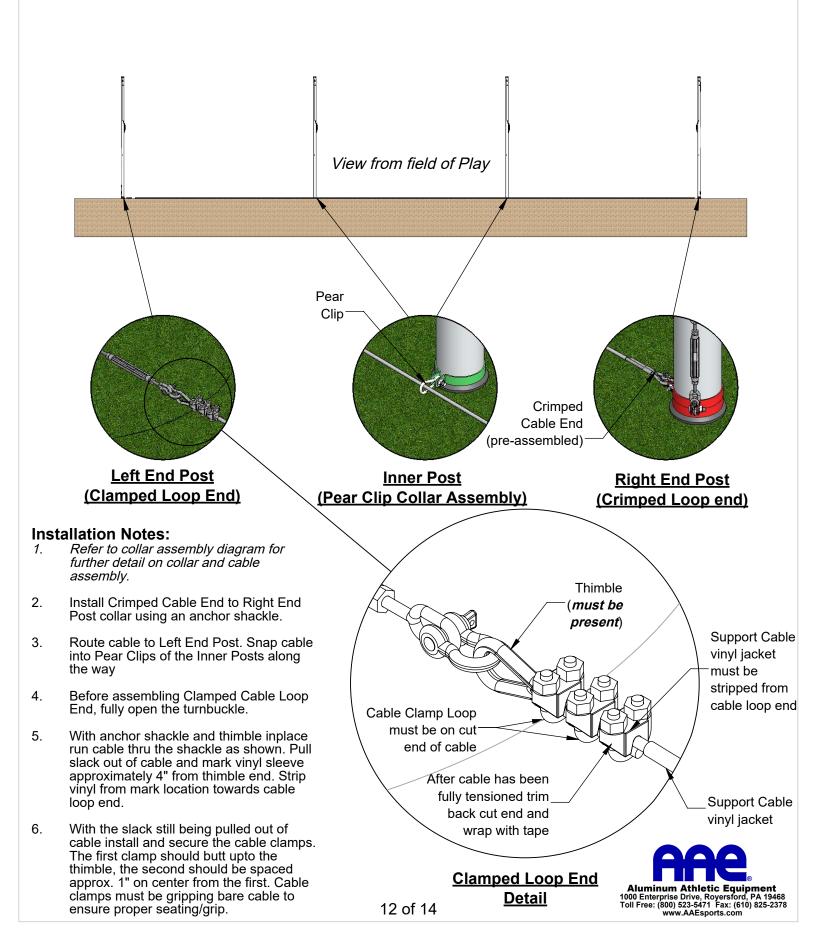
**Installation** 

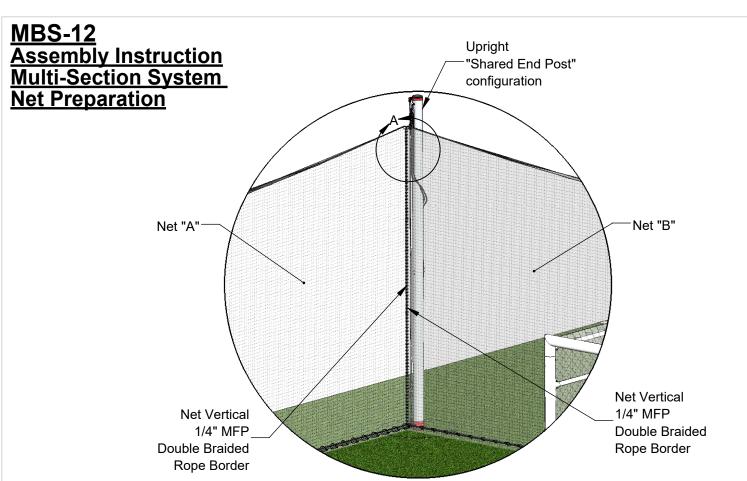
- 2. Caution, slowly lower posts into sleeves. Dropping post into sleeve may result in damage to the stop bolt.
- Make sure all posts are orientated 3. correctly. Pulley system towards field of play and cleet away from field of play. All lower horizontal cable collars should face field of play.
- 4. Once posts are correctly orientated, make sure the lower collars are properly orientated and secure them into place.

Post / Groundsleeve **Installation (fully seated)** 



# MBS-12 Assembly Instruction Lower Horizontal Support Cable





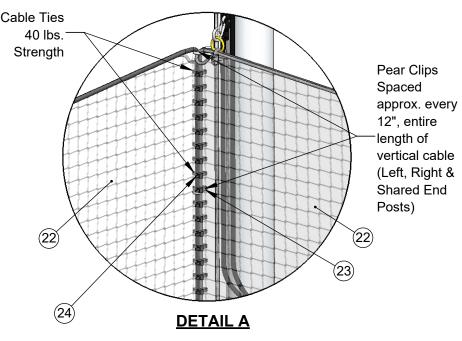
## Multi-Section System Corner Attachment

(shown in raised position)

### **Installation Notes:**

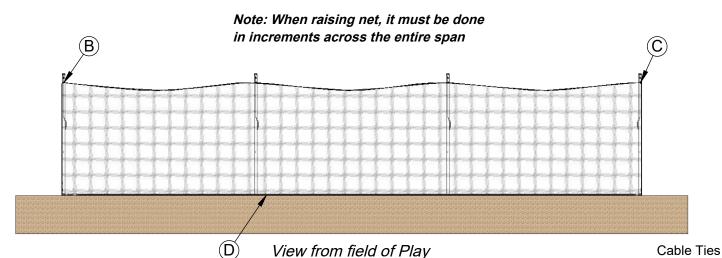
This instruction applys to multi-section systems, if assembling single section/net system proceed to "Net Attachment" page.

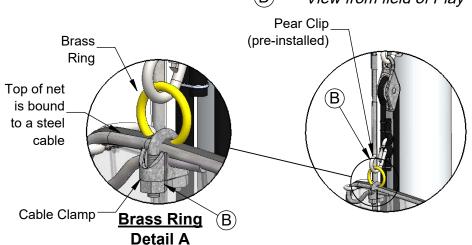
- assitance from a second person is required to completed this task.
- task should be completed prior to raising the net.
- Starting at top of the nets ensures alignment across the top edges of the nets being joined together.
- One cable tie per nets square is recommended.
- Starting with the top corners of Nets A & B, hold together both of the adjacent side rope borders and align the top rope borders of nets A & B.
- Once the top borders of nets A & B are aligned. Secure both the vertical rope borders together as close as you can to the top rope border using provided cable tie.
- Begin securing the vertical borders together using provided cable ties. Work your way down the net in about 2' sections, making sure that both vertical rope borders are taut as you proceed.





### MBS-12 Assembly Instruction Net Attachment





spaced appoximately every 6", entire length of Hold-down cable.

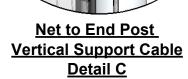
Hold-down Cable
Detail D

### **Installation Notes:**

- 1. Lay net on ground across span of posts. Make sure net is centered accross span of posts.
- 2. Using a Pear Clip Secure upper net corners to End Post Vertical Support Cables *(as shown in Detail C)*
- 3. Secure Brass Rings to top of net using Cable Clamp *(as shown in Detail A)*. One ring and clamp per post and they should be centered as close as possible to its coinciding post.
- After Brass Rings have been secured to net, clip ring into it's posts hoist system Pear Clip (as shown in Detail B).
- As net is being raised make sure to secure net sides to the vertical support cables using provided *Pear Clips (refer to Detail C)*. Pear Clips should be spaced approx. 12" or 9 net squares.
- 6. Once net has been completed raised tie hoist ropes onto cleat.

Note: Hardware denoted "B" is included in item #3 "Hoist Rope"

Pear Clips
Spaced approx.
every 12",
\_entire length of
vertical cable
(Left and Right
End Posts
Only)



(23)



(22)