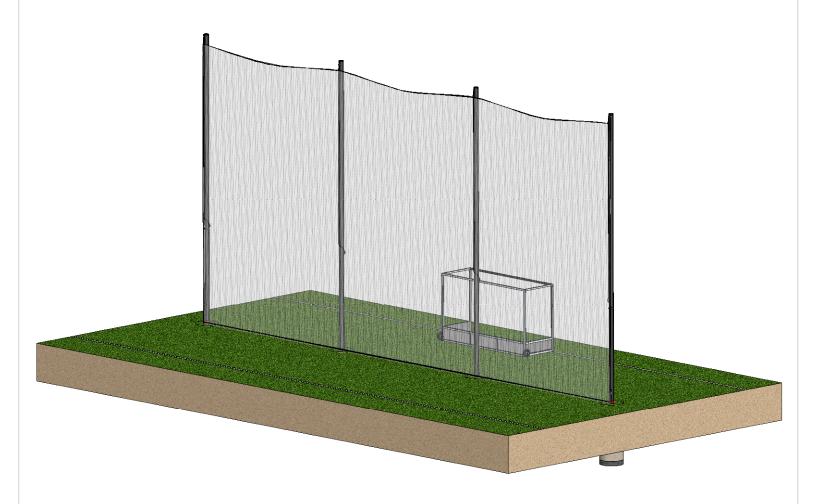
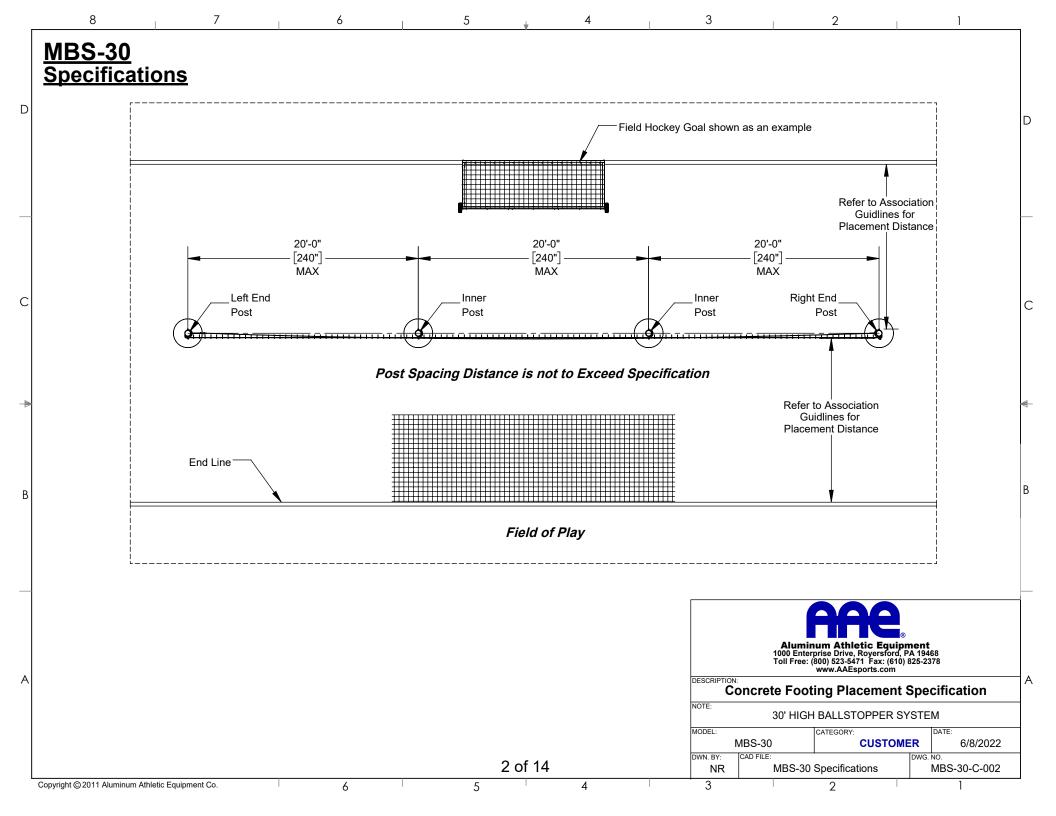
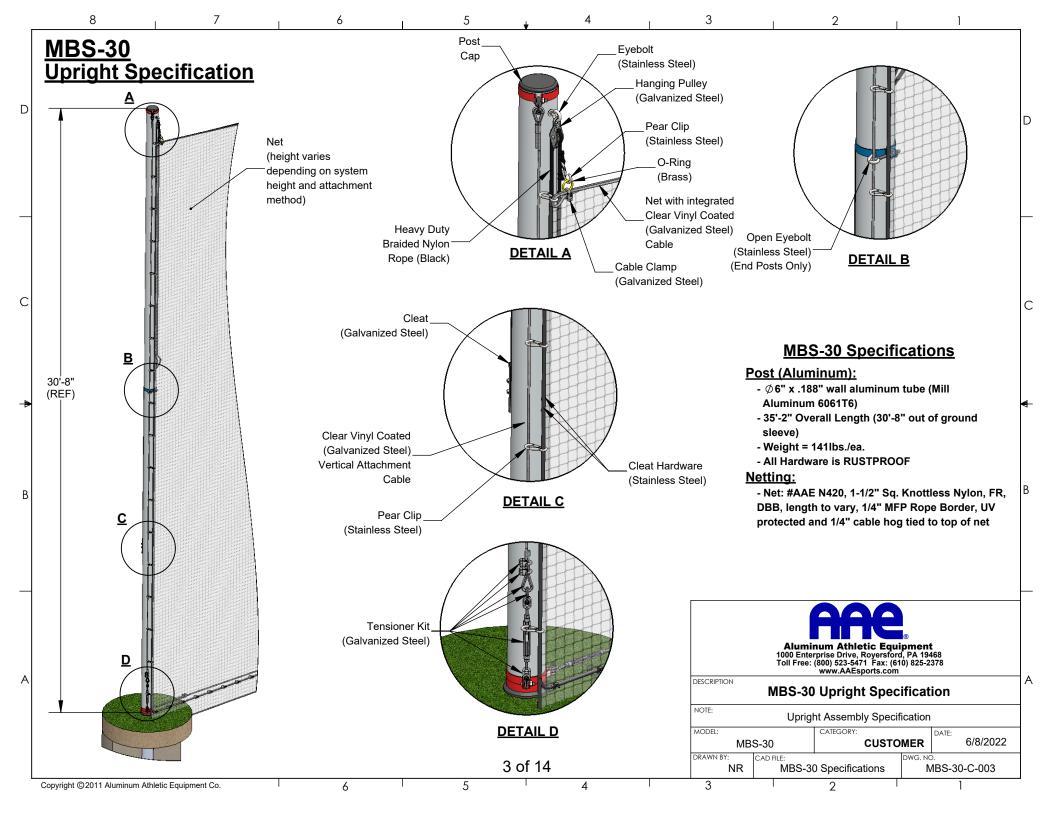
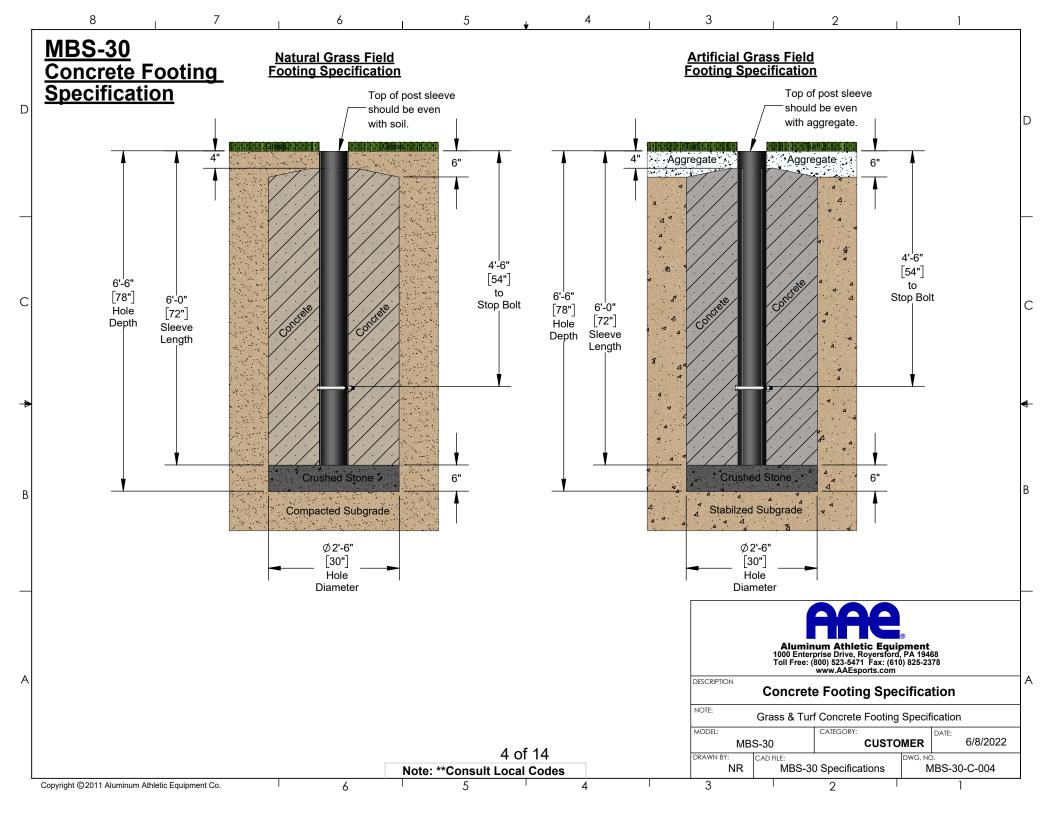
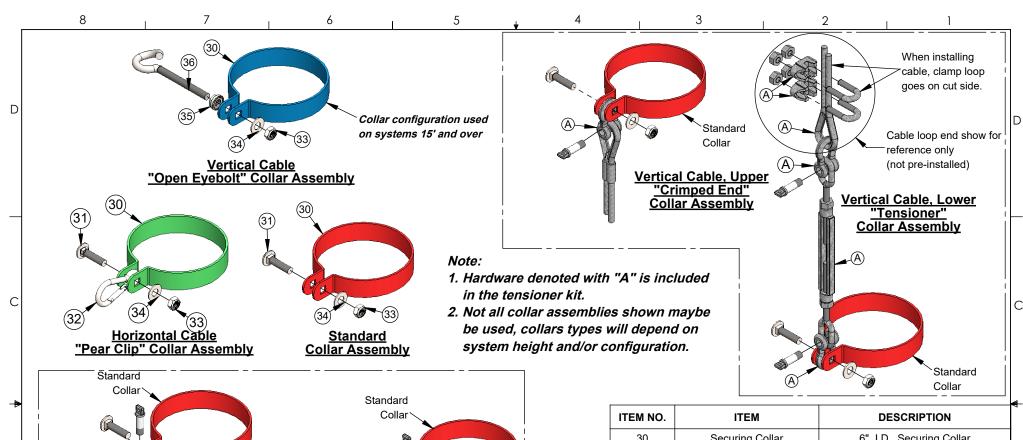
MBS-30 30' High Multi-Sport BallStopper System Specification











Standard	
Collar	Standard
	Collar
A	
Right End Post	
Lower Horizontal Cable "Anchor Shackle"	
Collar Assembly	
	A
A	Left End Post Lower Horizontal Cable "Tensioner" Collar Assembly
When installing	
cable, clamp loop	Cable loop end shown for reference only
goes on cut side.	(not pre-installed)
	(not pro motanou)
MBS-30	

ITEM NO.	ITEM	DESCRIPTION
30	Securing Collar	6", I.D., Securing Collar
31	Bolt	5/16"-18 x 1-1/4", Carriage bolt, SS
32	Snap	1/4", Pear Clip Snap, Plated
33	Ny-Lock Hex Nut, Thin	5/16"-18, Self Locking Nut, SS, Thin
34	Washer	5/16" Flat Washer, SS
35	Wiz-Lock Hex Nut	5/16"-18, Wiz-Lock Nut, SS
36	Open Eyebolt	5/16"-18, Open Eyebolt, SS
37	Shackle	1/4" Anchor Shackle, Galvanized



Note: Collars are Black in color, shown in different colors to aid in identification.

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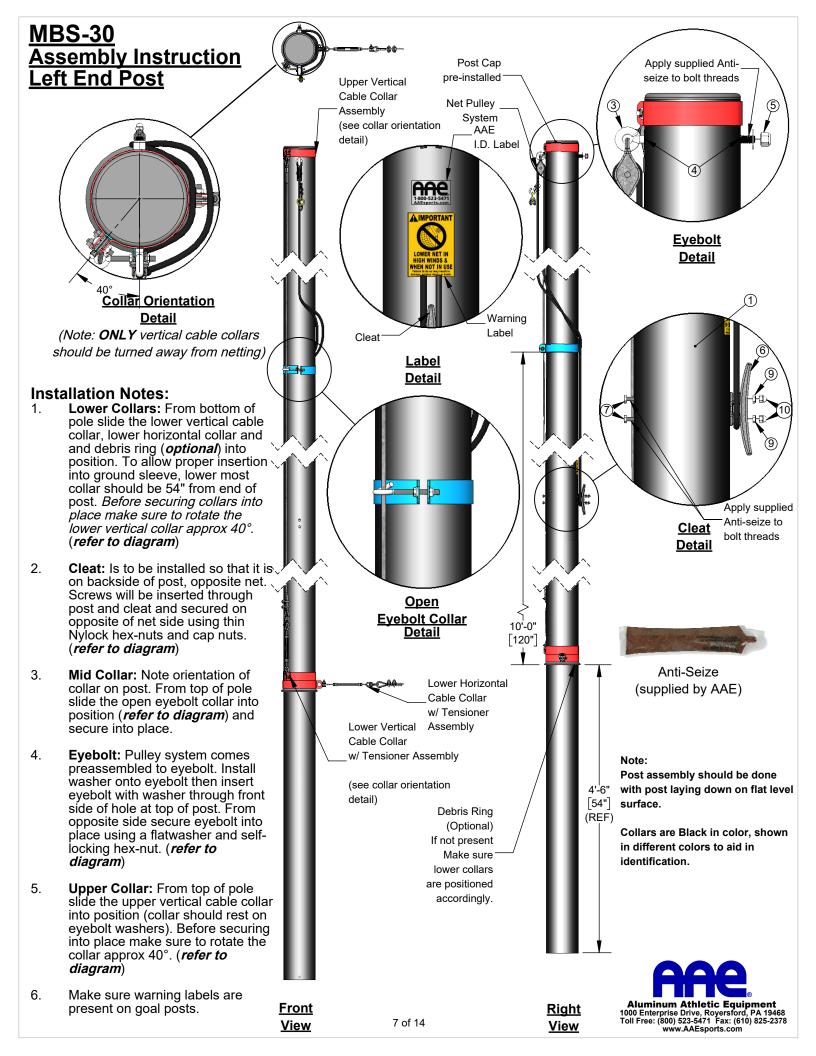
Assembly Diagrams

Cable Collar

3

Model No. MBS-30 Parts List

	ME	SS-30 PARTS LIST		
Part List #	Item	Description	Qty.	
1	Post	30' MBS/SBS System Posts w/ Cap	Ω	
2	Ground Sleeve	72" Length Ground Sleeve, w/ Stop Bolt	Ω	
3	Hoist	Pre-assembled Hoist Rope/Pulley System	Ω	
4	Washer	1/2" Flat Washer, SS	Σ	
5	Hex Nut	1/2" Hex Nut, Self Locking	Ω	
6	Cleat	Tapered Cleat, Glavanized Steel	Ω	
7	Bolt	1/4"-20 x 7-1/2" Hex Bolt, SS	Σ	
9	Hex Nut	1/4"-20 Hex Nut, SS, Self Locking	Σ	
10	Cap Nut	1/4"-20 Cap Nut, SS,	Σ	
11	Standard Collar	6" I.D. Standard Collar	Φ	
12	Pear Clip Collar	6" I.D. Pear Clip Collar	π	
13	Open Eyebolt Collar	6" 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	<u> </u>	
24	Cable Tie	15" Cable Tie, 120 LB., Black	¥	
OPTIONAL ACCESSORIES				
25	Debris Collar	Debris Collar, 6" Diameter	Ω	
		ill vary depending on length fo system)		
	·	(# ft. per section / 20 ft.) + 1		
		ft. per section / 20 ft.) + 1] x 2 - 2 (# shared corner posts (if applicable))		
		20 ft.) -1] - # shared corner posts (if applicable))		
		ost + [# corner post (if applicable)]		
$\Delta = 3$ (# sections) - (#shared corner posts, if applicable)				
$\Psi = \#$ 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				

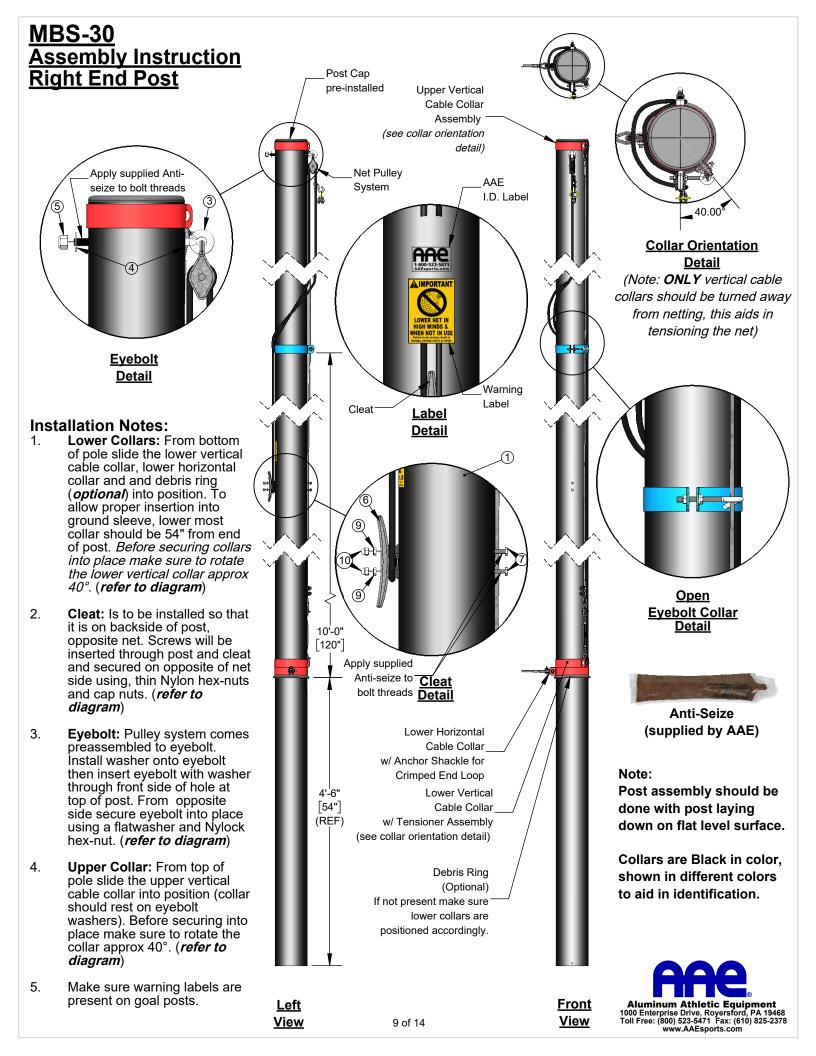


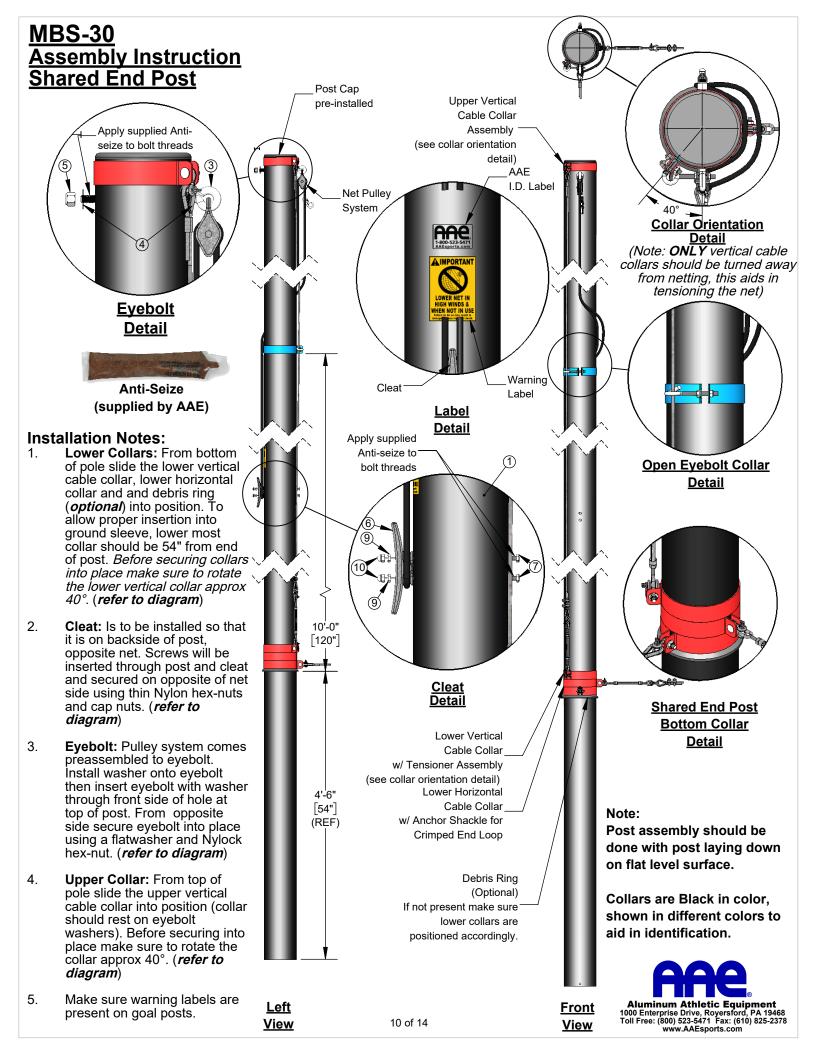
MBS-30 Apply supplied Assembly Instruction Anti-seize to bolt Post Cap threads pre-installed **Inner Post** Net Pulley AAE System I.D. Label **Eyebolt** Detail **Collar Orientation Detail** (Note: ONLY vertical cable collars should be turned away from netting, this aids in tensioning the net) Warning Cleat² Label Installation Notes: **Label** Lower Collars: From bottom **Detail** of pole slide the lower horizontal collar and and debris ring (*optional*) into position. To allow proper insertion into ground sleeve, lower most collar should be 54" from end of post. Before securing collars into place verify correct orientation. (refer Apply to diagram) Lower Horizontal supplied Cable Collar <u>Cleat</u> 2. Cleat: Is to be installed so that Anti-seize w/ Pear Clip **Detail** it is on backside of post, to bolt opposite net. Screws will be threads inserted through cleat and post and secured on net side using flat washers, self locking hexnuts and cap nuts. (refer to Debris Ring diagram) (Optional) **Anti-Seize** If not present make sure (supplied by AAE) 3. Eyebolt: Pulley system comes lower collars are positioned preassembled to eyebolt. accordingly. İnstall washer onto eyebolt then insert eyebolt with washer 4'-6" Post assembly should be done through front side of hole at 54" with post laying down on flat level top of post. From opposite (REF) surface. side secure eyebolt into place using a flatwasher and self-Collars are Black in color, shown locking hex-nut. (refer to in different colors to aid in diagram) identification. 4. **Upper Collar:** From top of pole slide the upper vertical cable collar into position (collar should rest on eyebolt washers). Before securing collars into place verify correct orientation. (refer to diagram) 5. Make sure warning labels are present on goal posts. Right **Front** Aluminum Athletic Equipment 1000 Enterprise Drive, Royersford, PA 19468 Toll Free: (800) 523-5471 Fax: (610) 825-2378 www.AAEsports.com

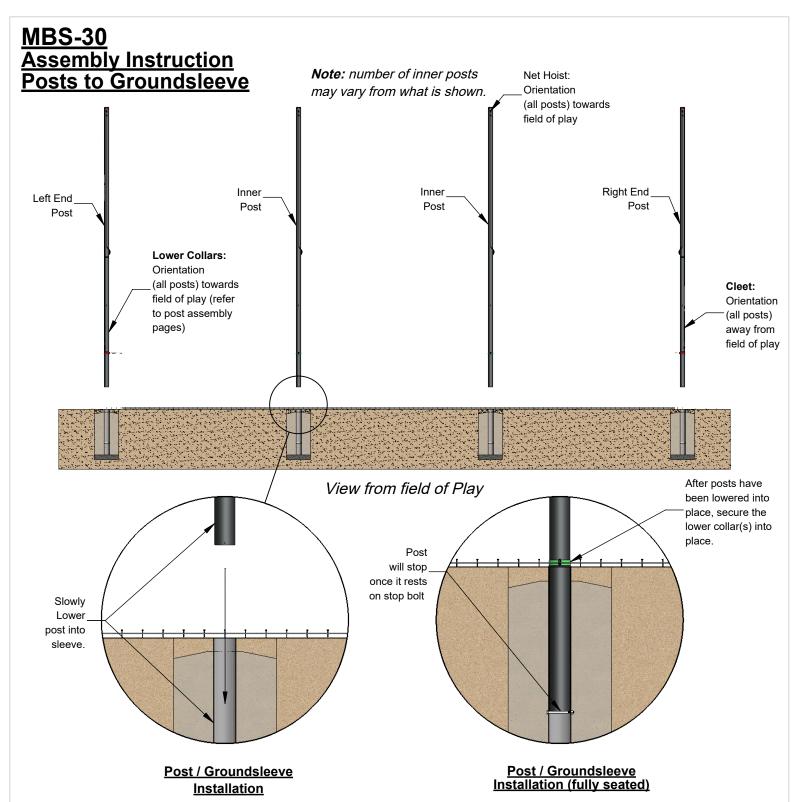
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View

View







Installation Notes:

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



MBS-30 Assembly Instruction Lower Horizontal Support Cable

2.

3.

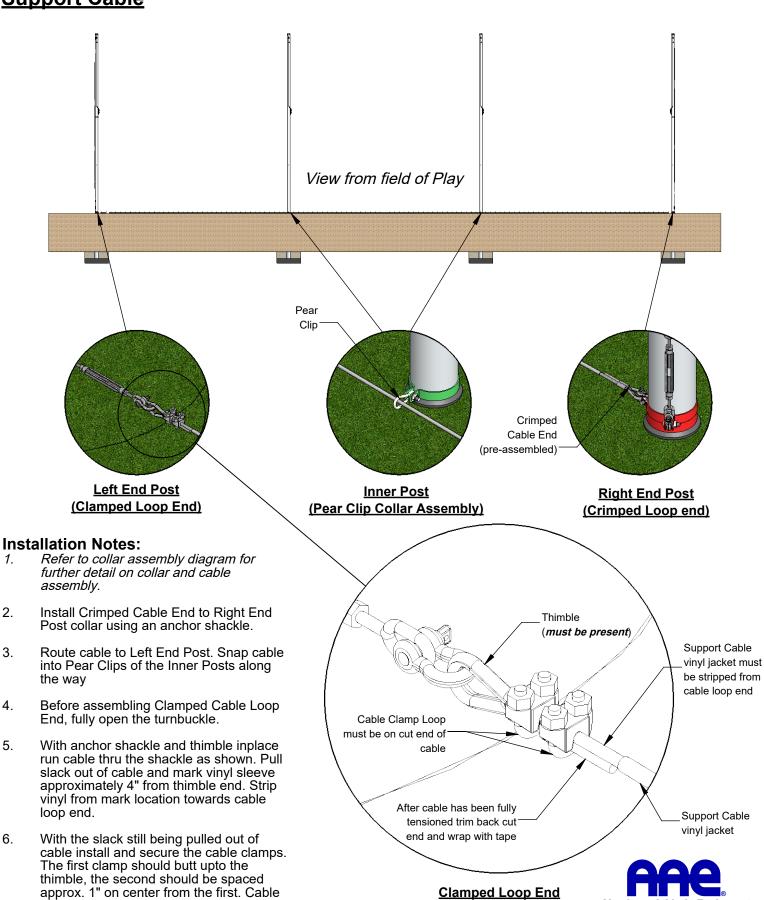
4.

5.

6.

clamps must be gripping bare cable to

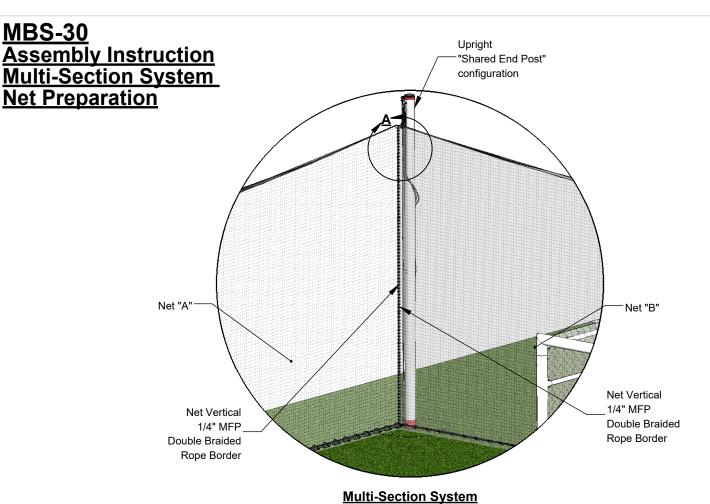
ensure proper seating/grip.



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Detail



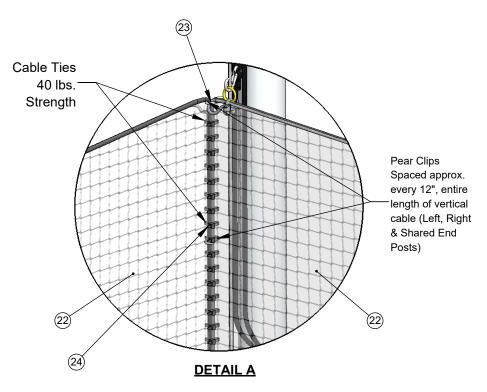
Corner Attachment (shown in raised position)

Installation Notes:

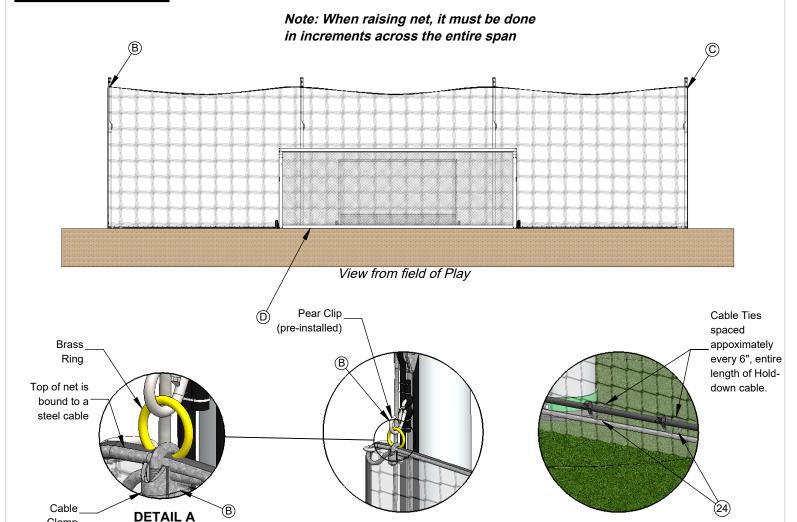
MBS-30

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.
- 1. Starting with the top corners of Nets A & B, hold togther both of the adjacent side rope borders and align the top rope borders of nets A & B.
- 2. 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.
- 3. 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-30 Assembly Instruction Net Attachment



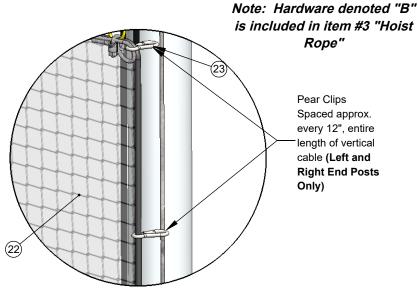
Hoist System

Detail B

Installation Notes:

Clamp

- 1. Lay net on ground across span of posts. Make sure net is centered accross span of posts.
- 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.



Hold-down Cable

Detail D

Net to End Post
Vertical Support Cable
Detail C

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