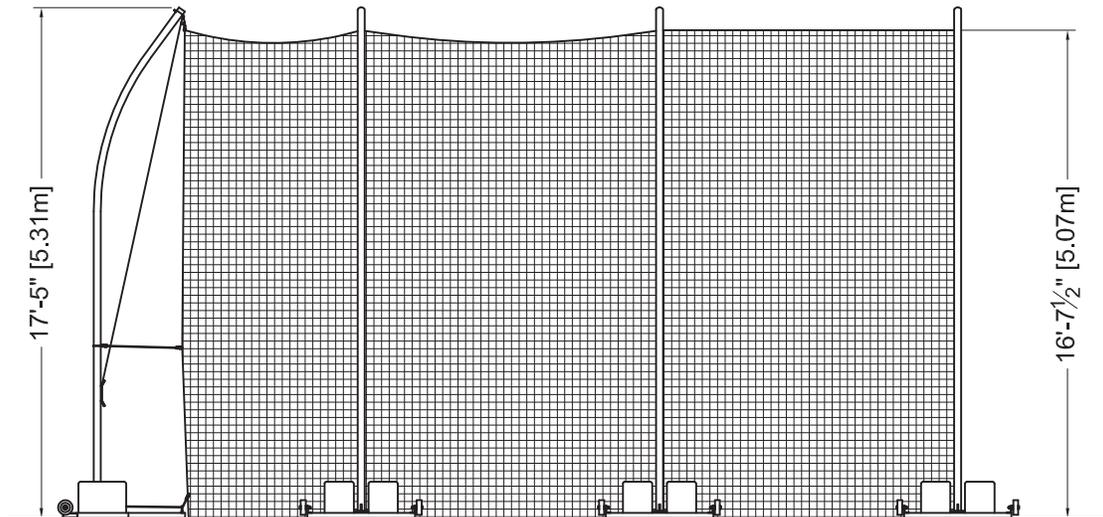
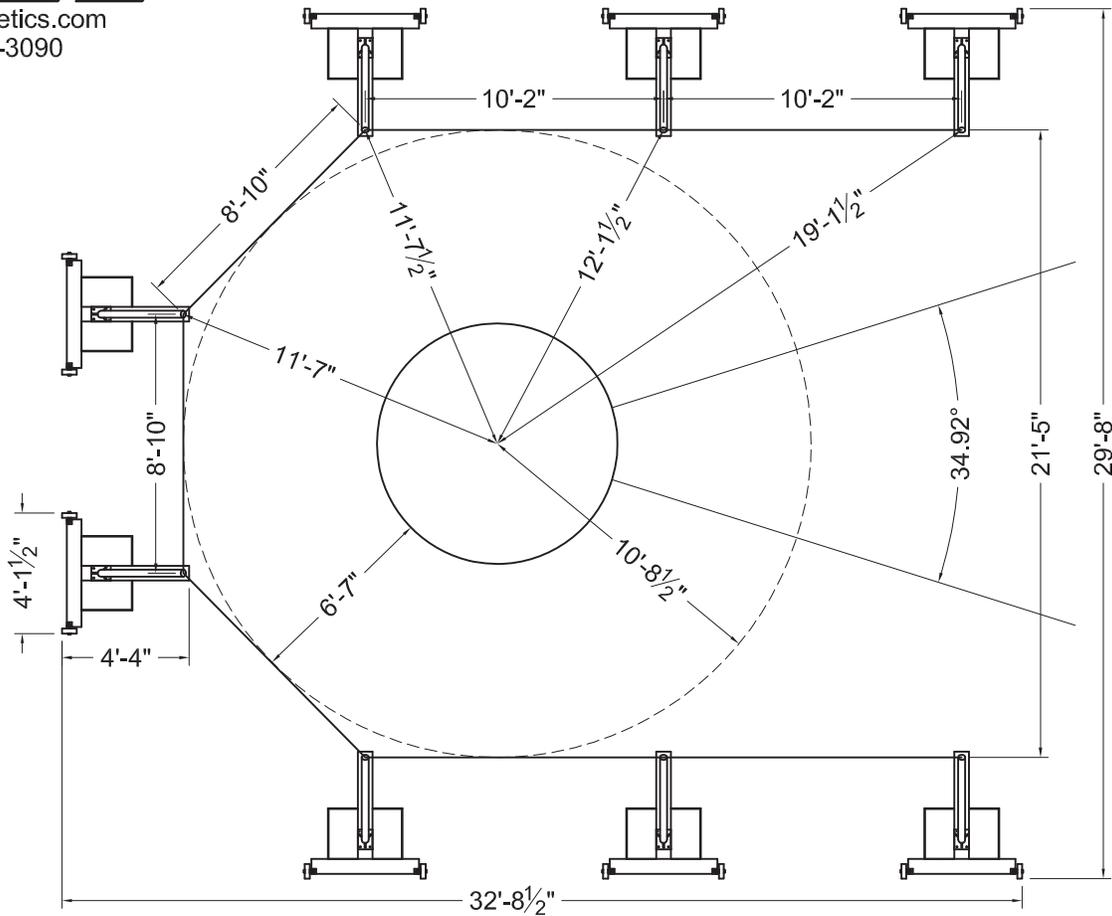




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732230 - NCAA PORTABLE DISCUS CAGE SPECIFICATIONS



The 732230, NCAA Portable Discus Cage, is designed to be set up and removed as needed. The cage consists of eight aluminum net poles with steel bases, weather treated nylon net, and replaceable bungee cords to secure the net at each base. The steel bases are each furnished with two wheels, allowing the assembled net poles to be rolled into position with ease. The net poles are 2 7/8" OD, 0.203" wall, 6063-T6 aluminum tube. Pole bases are fabricated from 6" x 2" x 3/16" wall steel tube and 3/16" thick steel angle. All steel parts are finished with durable black powder coat paint. Pole bases are weighted with 5 gallon, heavy duty plastic jugs which are to be filled with sand or water. The cage poles stand 5.3m tall. The net is #42A knotless, nylon netting with a breaking strength of 340lbs. test. These instructions depict a narrow mouth cage. In practice fields, the front net poles can be moved out to widen the cage mouth.

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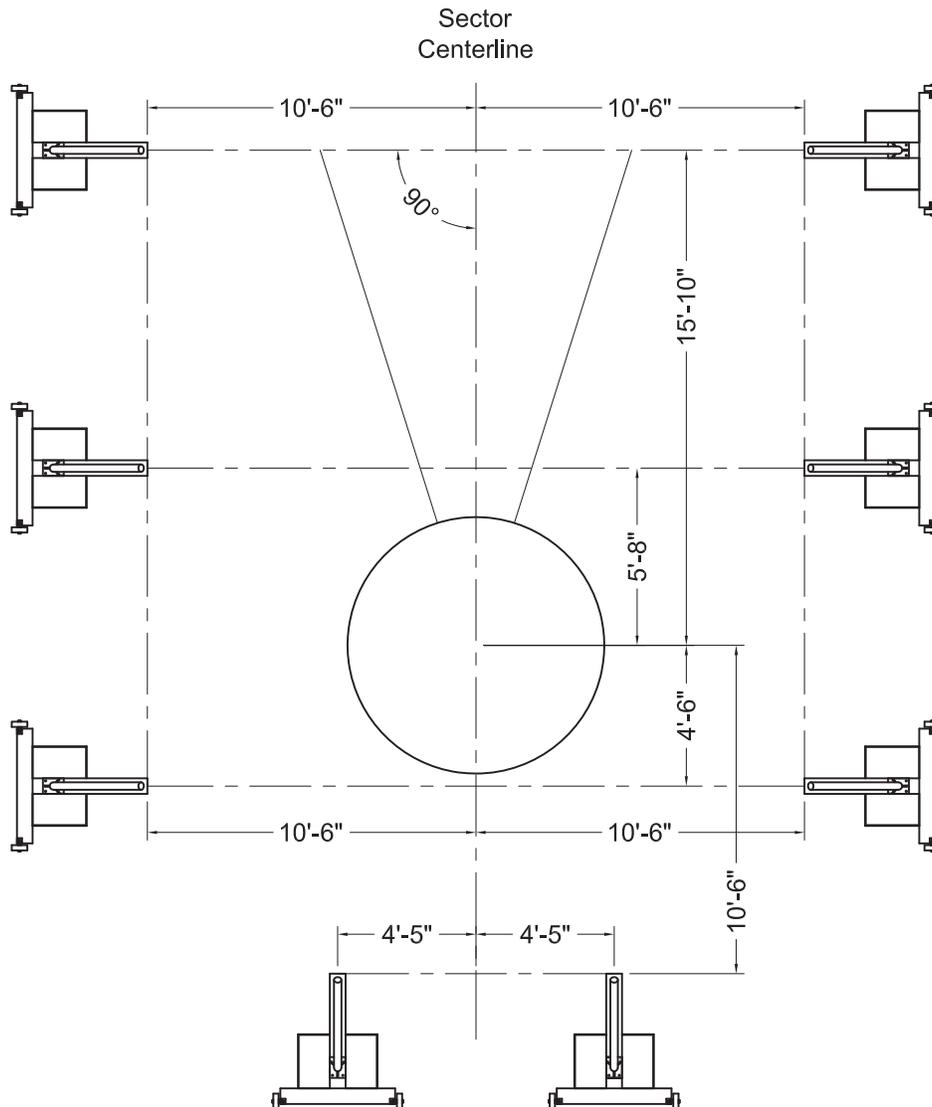
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732230 - NCAA PORTABLE DISCUS CAGE POLE POSITION LAYOUT

1. Layout and mark circle center and sector lines. Locate and mark with a string line the sector center line. This line should extend 16' forward and 12' behind the circle center. Along this line, locate and mark with stakes points 5' 8" and 15' 10" in front of the circle and 4' 6" and 10' 6" behind the circle center.
2. Locate and mark leading edge of net pole bases. On lines perpendicular to the sector center line; mark points 10' 6" to the right and left for the six front bases, 4' 5" from the sector center line for the back bases. Position net poles at these positions as shown in the diagram below.
3. Fill weight jugs with sand or water, place in base weight trays and install jug covers. Adhesive back Velcro tape is provided to help secure the covers. Align Velcro tape on tray edge with cover flap.

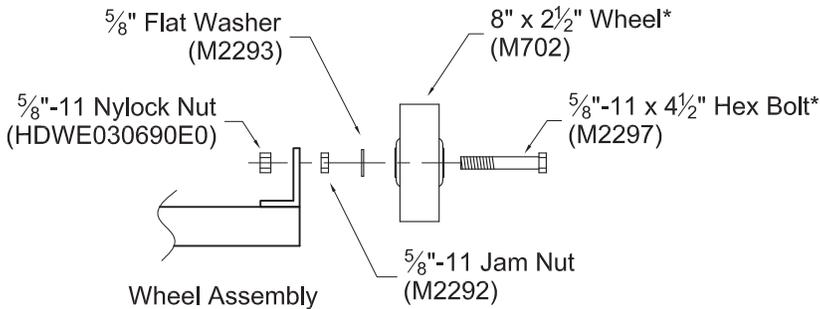
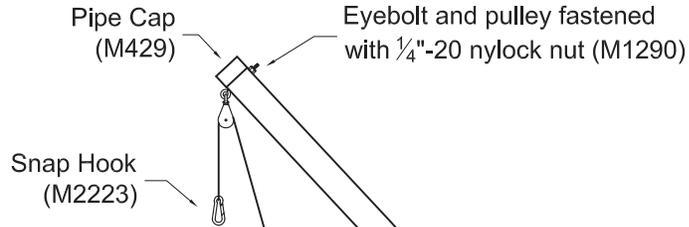




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73222020 & 73223020 - PORTABLE CAGE NET POLES NET POLE ASSEMBLY

1. Attach wheels to net pole bases, see drawing below. The 5/8" jam nut is used to tighten the wheel assembly to the bracket along with the 5/8" nylock nut on the opposite side. The wheel should be loose enough to freely turn.
2. Install pulley assembly at the top of the net pole with 1/4" nylock hex nuts. The gap in the eye of the bolt should face up. Install the black pole cap down to the pulley eye bolt. The thread on these eye bolts can be trimmed after installation, if so desired.
3. Install the rope cleat with 1/4" hardware.
4. Cut each 50' rope in half and melt ends to prevent fraying. Tie one end to snap hook and feed the other through the pulley. After the rope is fed through the pulley, tie the loose end to the rope cleat to prevent the rope from being lost when lowering the net.
5. Bolt the pole to the base with two 1/2" hex bolts with washers and one 1/2" eyebolt with jam nut and washer as shown below.

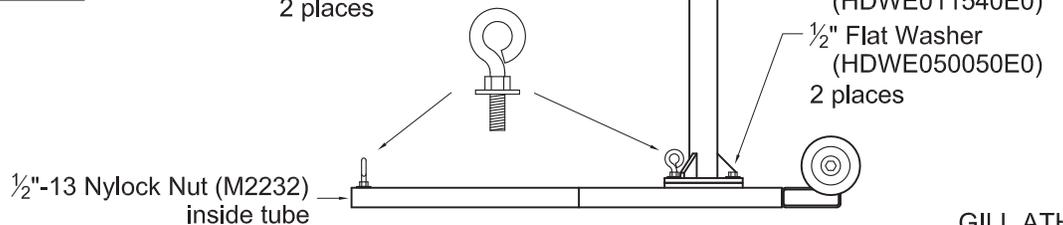


* The weight throw cage (732250) uses a different wheel and axle bolt.
6" x 2" Wheel (M701)
5/8"-11 x 4" Hex Bolt (M2278)

Plastic 8" Rope Cleat (M2245)
1/4"-20 x 4 1/2" Screw (HDWE06213) x2
1/4"-20 Nylock Nut (M1290) x2

1/2"-13 x 2" Eyebolt (M2770)
1/2"-13 Hex Nut (HDWE030030E0)
1/2" Flat Washer (HDWE050050E0)
2 places

1/2"-13 x 1 1/4" Hex Bolt (HDWE011540E0)
1/2" Flat Washer (HDWE050050E0)
2 places



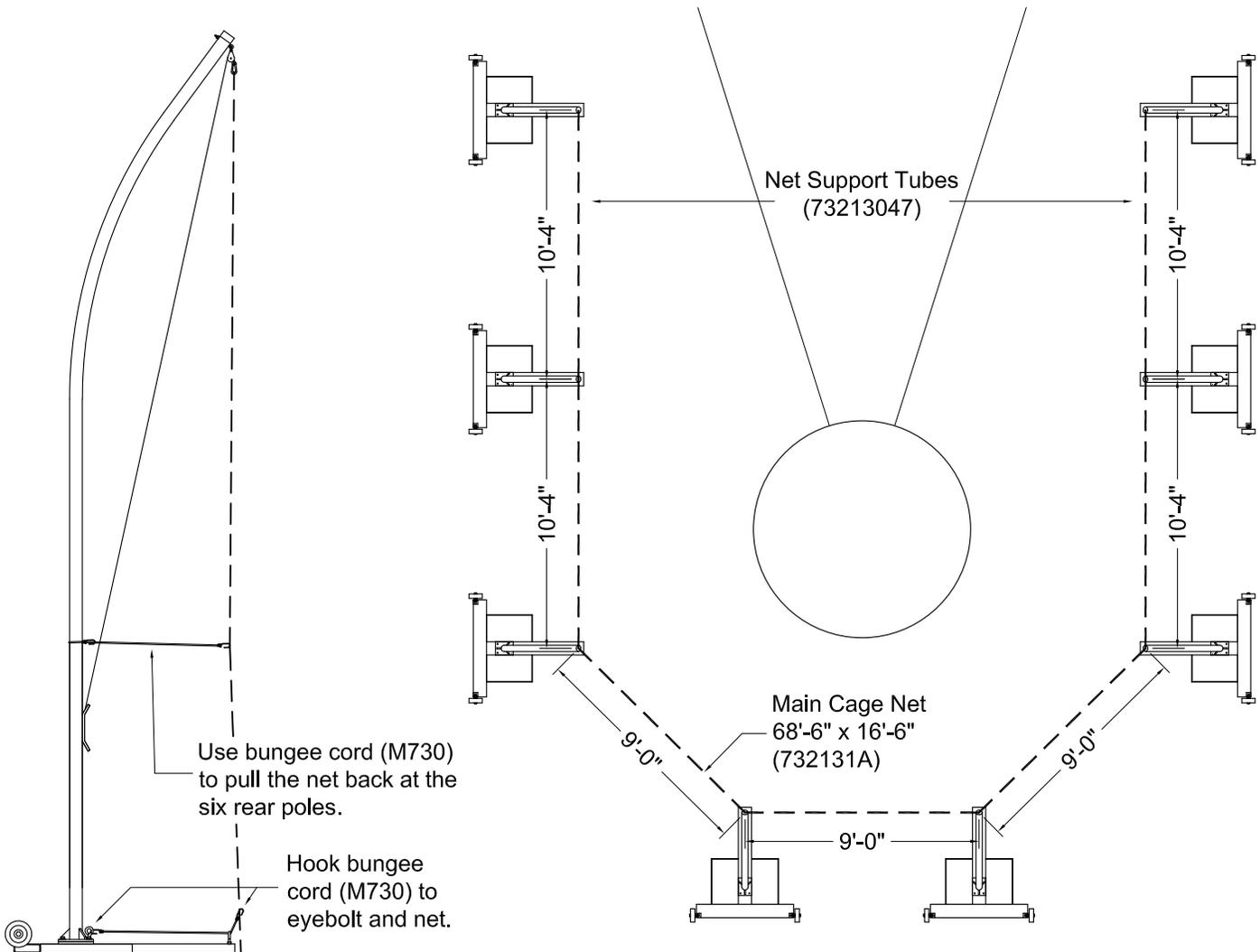
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732230 - NCAA PORTABLE DISCUS CAGE NET INSTALLATION

1. To ensure the net is evenly spaced when it is installed, mark each hook position on the net according to the diagram below. Stretch the net out flat and stake one upper corner to the ground along with the end of a 100 ft. long measuring tape. Stretch the net, and tape to 68' 6" and stake the corner to hold its position next to the tape. Mark the top of net at the dimensions shown.
2. Lay out the net inside the cage poles with each marked position next to the appropriate net rope hook. To minimize sag between the first two poles, the net is supported by a galvanized steel support tube on each side. To install the tube, attach a short 1/4" eyebolt with a nylock hex nut at one end of each tube. At the top corner of the net, weave the tube in and out through every 4th net opening just below the top edge of the net for 10 feet. The installed eyebolt should now be even with the corner of the net. Install the second eyebolt in each tube.
3. At each position hook both the net and binding rope. At each end of the support tubes, be sure the hook is also through the eye bolt. Raise the net to the top of the poles and tie off the ropes. Hook one end of the bungee cord to the eye bolt at the pole base. Pass it through the outer eye bolt and hook the net so it is taught. The bottom few inches of the net is supposed to lay on the ground to help trap a discus. Six additional bungee cords have been provided to hold the net back around the circle in windy conditions.



suggestions@gillathletics.com

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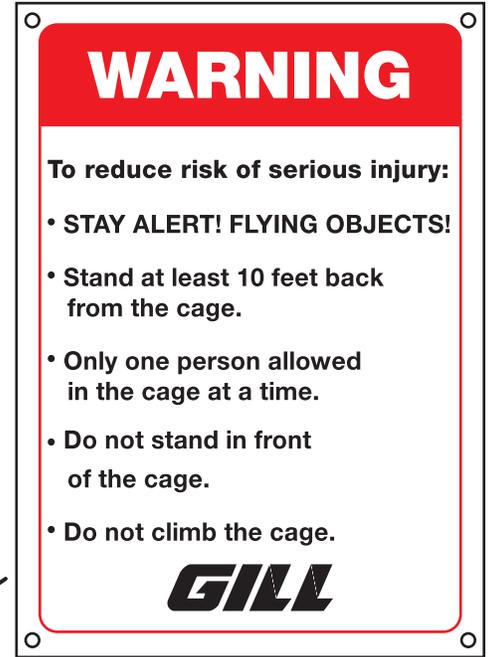


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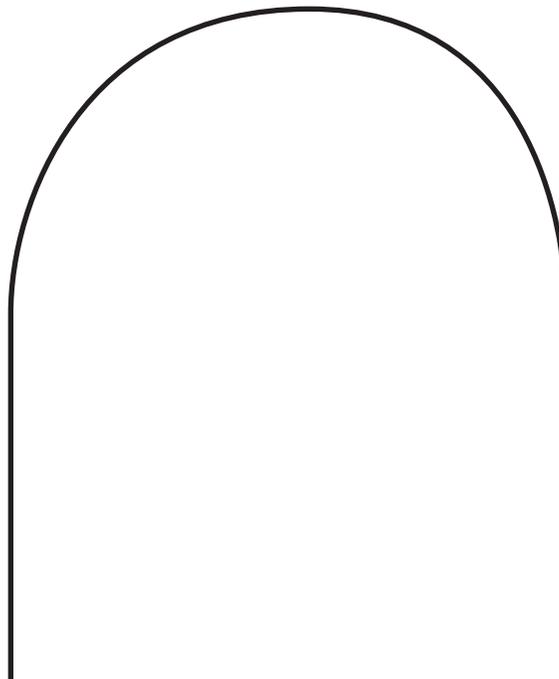
THROWING CAGE INSTALLATION OF WARNING SIGNS

For the protection of athletes, spectators, and coaches install warning signs according to the diagram below.

Attach signs (M2322) to the cage net with the included 1.25" rings (M1250) in each corner. Signs should face away from the cage toward spectators.



Center Back: Attach sign to the outside of the net at eye level in the middle of the back of the cage.



Left Front Side: Attach sign to the outside of the net at eye level near the front left side of the cage.



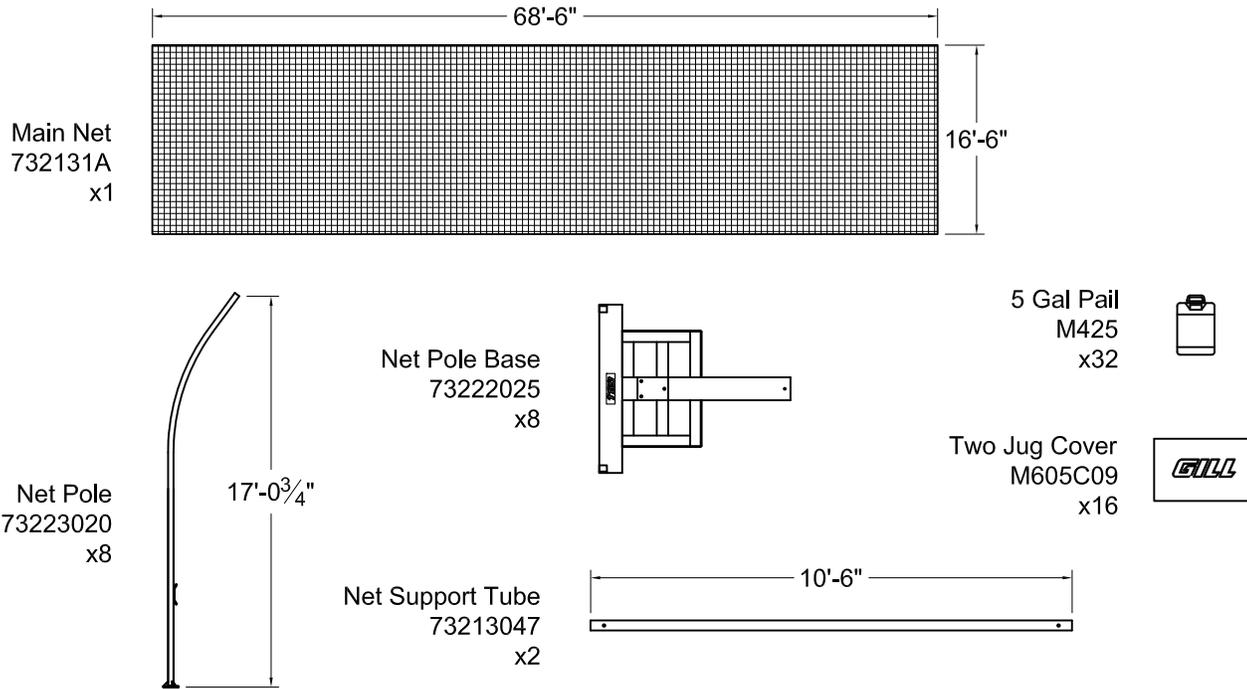
Right Front Side: Attach sign to the outside of the net at eye level near the front right side of the cage.





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732230 - NCAA PORTABLE DISCUS CAGE SHIP LIST



Cage Components Box - 73223040



BASE HARDWARE BAG x 1 (73223061):		
QTY.	M#	DESCRIPTION
32	HDWE050050E0	1/2" Flat Washer
8	M2232	1/2"-13 Nylock Hex Nut
16	HDWE030030E0	1/2"-13 Hex Nut
16	HDWE011540E0	1/2"-13 x 1 1/4" Hex Bolt
16	M2770	1/2"-13 x 2" Eyebolt

POLE HARDWARE BAG x 1 (73223063):		
QTY.	M#	DESCRIPTION
24	M1290	1/4"-20 Nylock Hex Nut
8	73214042	Pulley & Eyebolt Assembly
8	M429	2 1/2" Sch 40 Pipe Cap (2 1/8" ID cap)
8	M2245	Plastic 8" Rope Cleat
16	HDWE06213	1/4"-20 x 4 1/2" Screw

WHEEL HARDWARE BAG x 1 (73223062):		
QTY.	M#	DESCRIPTION
16	M2297	5/8"-11 x 4 1/2" Hex Bolt
16	M2292	5/8"-11 Jam Nut
16	M2293	5/8" Flat Washer
16	HDWE030690E0	5/8"-11 Nylock Hex Nut

ROPE HARDWARE BAG x 1 (73223064):		
QTY.	M#	DESCRIPTION
4	M1290	1/4"-20 Nylock Hex Nut
4	M27711	1/4"-20 x 1 1/2" Eyebolt
8	M2223	3/8" Snap Hook

▲ WARNING: This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

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