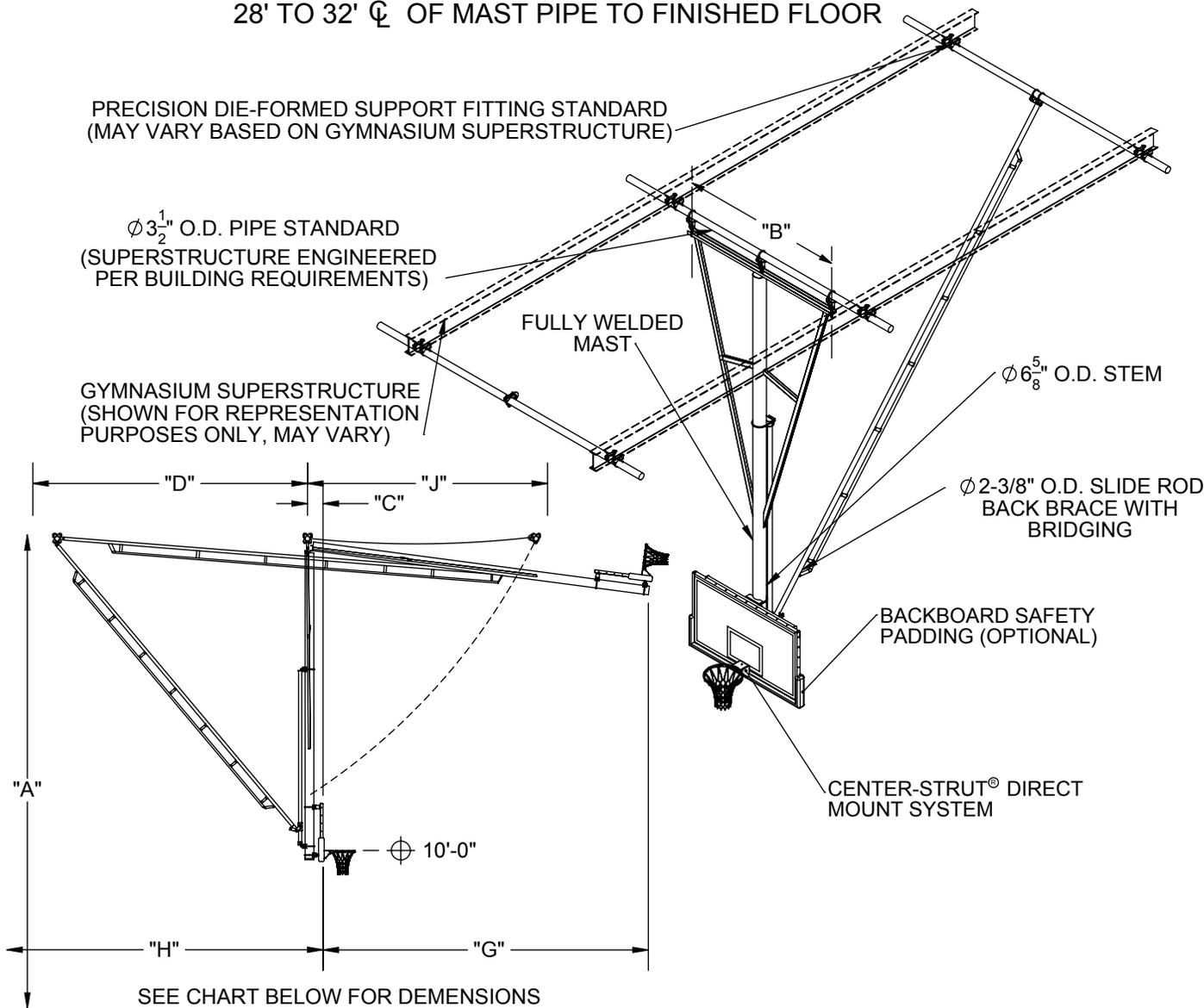


90917000 - FORWARD FOLD BACKSTOP

CEILING SUSPENDED, FORWARD FOLD, REAR BRACED UNIT
28' TO 32' \varnothing OF MAST PIPE TO FINISHED FLOOR



"A" BOTTOM OF STRUCTURE ABOVE FINISHED FLOOR	"B" MAST CENTERS	"C" FACE OF BACKBOARD TO MAST HANGER	* "D" BACK BRACE DIMENSION	"G" HORIZONTAL FOLD DIMENSION	"H" MINIMUM FACE OF BACKBOARD TO WALL	"J" PULLEY DIMENSION (WITHIN 6" ±)
28' 0-1/8" to 29'-0"	8'-0"	SEE "C" DIMENSION CHART	10'-9"	18'-0"	9'-2"	14'-7"
29' 0-1/8" to 30'-0"	8'-0"		11'-5"	19'-0"	9'-8"	15'-7"
30' 0-1/8" to 31'-0"	8'-0"		12'-0"	20'-0"	10'-2"	16'-7"
31' 0-1/8" to 32'-0"	8'-0"		12'-7"	21'-0"	10'-7"	17'-7"

*OPTIMUM DIMENSION GIVEN; SEE DIMENSION "H" FOR MINIMUM REQUIREMENTS

"C" DIMENSION CHART-
FACE OF BACKBOARD TO CENTERLINE OF MAST HANGER

BACKBOARD MODEL NUMBER	DESCRIPTION	WITHOUT HEIGHT ADJUSTER	WITH HEIGHT ADJUSTER
208	RECTANGULAR GLASS	11-5/8"	14-3/16"
216	RECTANGULAR FIBERGLASS	11-3/8"	13-15/16"
234A	FAN ALUMINUM	10-13/16"	13-3/8"
267A	FAN FIBERGLASS	10-3/4"	13-5/16"

- _____ - 90917000 CEILING SUSPENDED, FORWARD FOLD, REAR BRACED UNIT
- _____ - BACKBOARD SELECTION
- _____ - GOAL SELECTION
- _____ - PADDING SELECTION

 PROJECT NUMBER

 PROJECT NAME

90917000 - FORWARD FOLD BACKSTOP

CEILING SUSPENDED, FORWARD FOLD, REAR BRACED UNIT
28' TO 32' \varnothing OF MAST PIPE TO FINISHED FLOOR

SPECIFICATIONS

Basketball backstop shall consist of a main center mast of 6-5/8" O.D. heavy-wall structural steel tube with diagonal side sway braces of 2-1/2" x 1-1/2" rectangular steel tubing. Ends of diagonal brace tubes shall be fully welded to main mast. Top horizontal mast member to be of a heavy 4" structural channel to support adjustable suspension hangers. Mast shall be fully welded and suspended by adjustable hangers (3) to provide for precise plumbing of frame during installation. Support hangers shall be offset a minimum of 1-1/2" behind centerline of welded mast to properly weight lock unit in playing position.

Goal shall mount directly through backboard and into a heavy structural steel Center-Strut® weldment which shall be clamped to the vertical 6-5/8" O.D. center support to eliminate any strain on backboard should a player hang on the front mounted goal (conforms to the NCAA latest rules). All fittings shall be attached to the 6-5/8" O.D. vertical drop tube by heavy 1/4" thick precision saddle die-cut formed steel fittings secured in place by 5/8" diameter U-Bolt type hardware.

Rear 2-3/8" O.D. diagonal back brace assembly shall terminate behind backboard location in a slide collar bracket which shall operate over a 2-3/8" O.D. heavy-wall plated slide tube as backstop is hoisted to the ceiling. Rear diagonal back brace assembly shall be further supported by 1-5/16" O.D. truss-type bridging. Adjustable collar seat shall be provided for accurate plumbing of backstop.

Backstop shall be supported from pipe anchored to roof framing members by precision die formed support fittings or custom attachments as required. All cap screws shall be rated a minimum SAE Grade 5. Grade 2 cap screws will not be approved as equal. Bridged pipes may be required when spans exceed 14'.

All metal parts shall be powder coated. See swatch card SMPL00048087 for standard color options. (contact Porter for custom color requests)

Backstop provided with specified backboard and goal (see B-200 for options).

See winch specifications for more information on included Porter winch system and control options. (B-701)

WARRANTY

- No. 900 Center-Strut® series backstop structure comes with a 25 year limited warranty.
- Limited Lifetime warranty on all Porter backboards when used in conjunction with the No. 900 Center-Strut® series backstop.
- Other components may be covered by their own warranty (see corresponding specifications for more details).

OPTIONAL ITEMS (SEE SPECIFICATION SHEETS FOR DETAIL)

- Backboard safety padding (see B-200)
- Height Adjuster (8' to 10' adjustable goal height) (see chart below)
- Saf-Strap (No. 797)
- Retractor Reel (No. 10799110); with Saf-Strap (No. 10799210)

CENTER-STRUT® HEIGHT ADJUSTER

- | | | |
|---|--------------------------------|------------------------|
| • For Manual Operation, See Page No.: | B-900-506 (Rectangular Boards) | B-900-211 (Fan Boards) |
| • For Key Switch Operation, See Page No.: | B-901-506 (Rectangular Boards) | B-901-211 (Fan Boards) |
| • For Powr-Stick Operation, See Page No.: | B-902-506 (Rectangular Boards) | B-902-211 (Fan Boards) |
| • For Sportsonic® II Operation, See Page No.: | B-903-506 (Rectangular Boards) | B-903-211 (Fan Boards) |
| • For Powr-Touch Operation, See Page No.: | B-904-506 (Rectangular Boards) | B-904-211 (Fan Boards) |

LEED® SUBMITTAL INFORMATION

Credit	Measure
MRC4-Recycled Content	Post Consumer Average 25.0% Post Industrial 0%
MRC5-Regional Materials	Raw materials originate from multiple sources so origin point cannot be determined. Final Manufacturing/Assembly in Champaign, IL 61822

CERTIFICATIONS

- Certified by the NCAA and NFHS

ISSUED MAY 12, 2017, SUBJECT TO CURRENT MANUFACTURING PROCEDURES AND CHANGES

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PORTER@PORTERATHLETIC.COM