

4.00
[102 mm]
OFFSET

Ø 3.5 [90 mm] OD
SUPERSTRUCTURE

Ø7/8" [22 mm]
DROP FORGED
EYEBOLT

DETAIL B

Ø 3.50 [90 mm] OD
WELDED FRAME

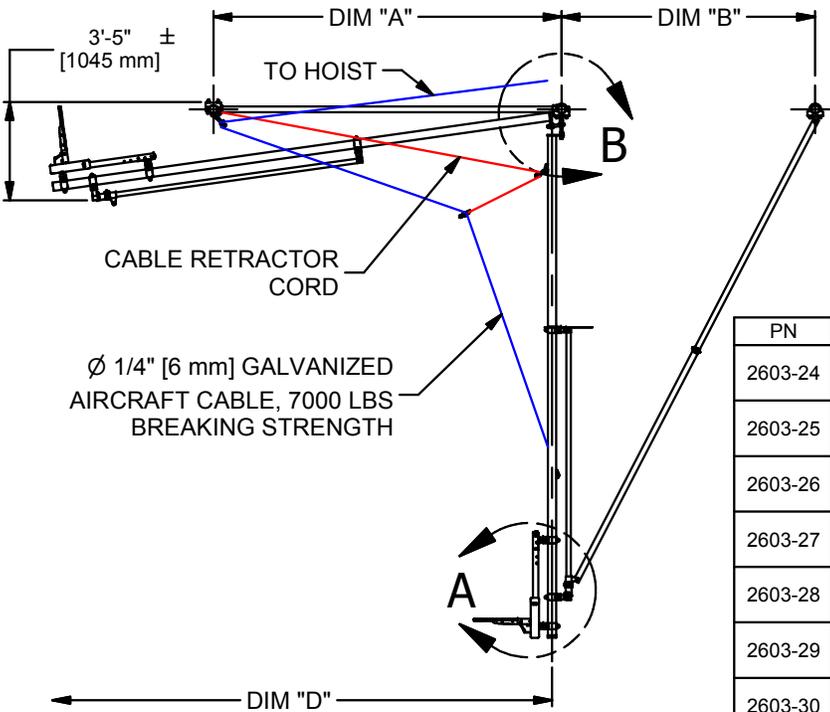
Ø 2.38 [60 mm] OD
REAR BRACE

SLIDE ROD
BUSHING

LOCKING COLLAR

7.15"-7.90" [182-201 mm]
(ADDITIONAL 3.90 [99 mm]
WITH ADJUST-A-GOAL)

DETAIL A



NOTE: DIM "C" IS 63" [1600 mm] WITH A
RECTANGULAR BACKBOARD AND 35" [889 mm]
WITH A FAN SHAPED BACKBOARD

Dimensions "A", "B", & "D" are shown for maximum
elevation of the truss range and may vary to fit the
exact attachment elevation and building structure.

PN	TRUSS HEIGHT	DIM "A"	DIM "B"	DIM "C"	DIM "D"
2603-24	24' to 24.99' [7.32-7.61M]	9'-2" [2.79M]	7'-4" [2.24M]	63" [1.6M] RECT 35" [0.89M] FAN	14'-9" [4.50M]
2603-25	25' to 25.99' [7.62-7.92M]	10'-2" [3.10M]	7'-10" [2.39M]	63" [1.6M] RECT 35" [0.89M] FAN	15'-9" [4.80M]
2603-26	26' to 26.99' [7.93-8.22M]	11'-2" [3.40M]	8'-4" [2.54M]	63" [1.6M] RECT 35" [0.89M] FAN	16'-9" [5.11M]
2603-27	27' to 27.99' [8.23-8.52M]	12'-2" [3.71M]	8'-10" [2.69M]	63" [1.6M] RECT 35" [0.89M] FAN	17'-9" [5.41M]
2603-28	28' to 28.99' [8.53-8.83M]	13'-2" [4.01M]	9'-5" [2.87M]	63" [1.6M] RECT 35" [0.89M] FAN	18'-9" [5.72M]
2603-29	29' to 29.99' [8.84-9.13M]	14'-2" [4.32M]	9'-11" [3.02M]	63" [1.6M] RECT 35" [0.89M] FAN	19'-7" [5.97M]
2603-30	30' to 30.99' [9.14-9.44M]	15'-2" [4.62M]	10'-5" [3.18M]	63" [1.6M] RECT 35" [0.89M] FAN	20'-8" [6.30M]
2603-31	31' to 31.99' [9.45-9.74M]	16'-2" [4.93M]	10'-11" [3.33M]	63" [1.6M] RECT 35" [0.89M] FAN	21'-8" [6.60M]

Ø 1/4" [6 mm] GALVANIZED
AIRCRAFT CABLE, 7000 LBS
BREAKING STRENGTH

D	JJC	08-07-19
C	RWP	08/13/08
B	RWP	05/27/08
A	JJC	12/12/03
REV	BY	DATE



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REAR BRACED FRONT FOLD BACKSTOP

DRAWN CONNERLEY	DATE 4/24/2003	DATE ISSUED 4/24/2003
APPROVED	DATE	

FILE LOC. Q:\Inventor Files\Specification Files\04_Dual Post

SIZE A	SCALE	SHT. NO. 1 OF 2	PART NO. 2603	REV D
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MODEL 2603

WELDED DUAL POST REAR BRACED FRONT FOLDING BASKETBALL STRUCTURE

RECOMMENDED APPLICATION

This unit is designed for applications allowing sufficient space behind the backboard for a rear brace. This unit is designed for use with height adjusters and for heights over 24' and under 35'.

SUPERSTRUCTURE

Unit shall be supported from 3-1/2" O.D. x 0.120" wall ASTM A-500 Grade B horizontal and 2-3/8" O.D. x 14 gauge (0.083") ASTM A-500 Grade B vertical structural steel tubing secured to the building with heavy gauge steel stampings or weldments (as required by building conditions). When truss span widths exceed 10'-0", 3-1/2" O.D. x Schedule 40 (0.216") wall ASTM A-500 Grade B may be used for the horizontals. Spans over 14'-0" may use welded bridge pipe.

BACKSTOP

The backstop shall have two 3-1/2" O.D. x 0.120" wall ASTM A-500 Grade B vertical drop tubes spaced at 63" centers for rectangular backboards, 35" for fan shaped backboards. Vertical drops shall be cross-braced with and 2-3/8" O.D. x 14 gauge (0.083") ASTM A-500 Grade B steel tubing welded on both ends. Ends of cross-brace tubes shall be saddle (die) cut to fit the outside diameter of the 3-1/2" O.D. drop tubing. Drop pipe shall be suspended with welded steel plate offset hangers 4" in front of the pivot point, less than 4" not approved as equal. All critical fittings shall be heavy gauge steel stampings, or weldments. Backstop manufactured in accordance with 1994 NCAA rule 1, section 8, stating that all parts of the backboard support system not directly behind backboard shall be at least 6" behind backboard.

Rear brace shall be and 2-3/8" O.D. x 14 gauge (0.083") ASTM A-500 Grade B steel tubing and braced with 2-3/8" O.D. cross tubing. Slide rod mechanism shall have two slide rod bushings traveling on two, 1-7/8" O.D. slide rods. The entire assembly shall be self-aligning and designed to be self-locking and self-releasing. Backstop shall be raised and lowered with 1/4" galvanized aircraft cable with a breaking strength of 7000 lbs. Cable automatically retracts by means of 5/16" diameter shock cord.

All steel has a black powder coat finish, standard. Optional colors are available.

Accessories

Backboards and Goals - See the backboards and goals section in the specification manual.

Backboard Padding - See the accessories section in the specification manual.

Hoists - Electric hoist or manual winch is available on all folding units. See the accessories section in the specification manual.

Safstop Safety Locking Strap - See the accessories section in the specification manual.

Subject to design change and current manufacturing practices.