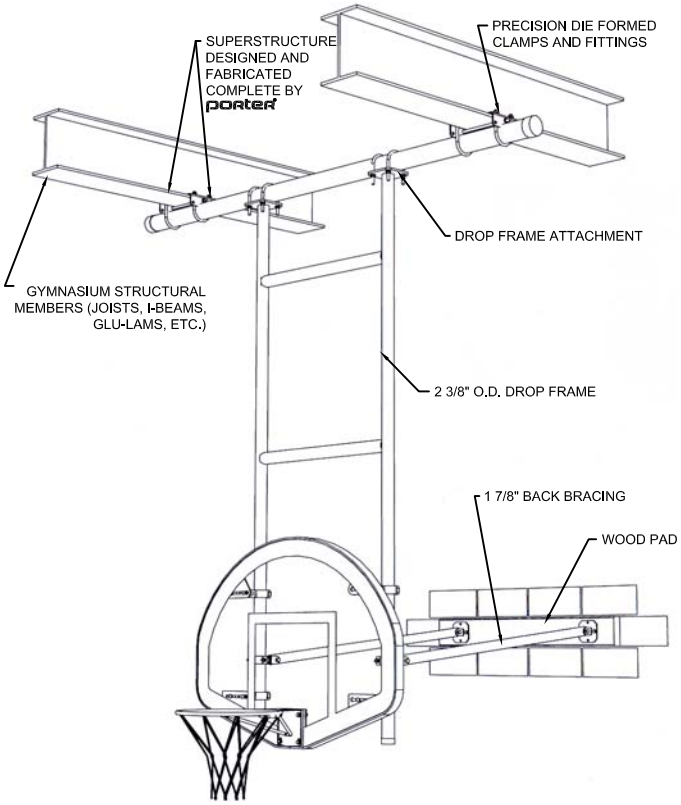
90518000 - STATIONARY BACKSTOP

CEILING SUSPENDED AND WALL BRACED UNIT
UP TO 25' ATTACHMENT HEIGHT

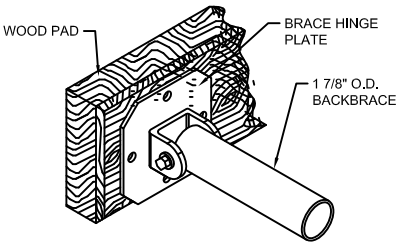


GENERAL NOTES

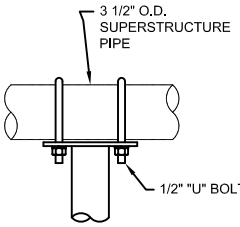
(SEE LEFT SIDE FOR COMPLETE PRODUCT SPECIFICATIONS)

1. SUPERSTRUCTURE SUPPLIED FOR EXISTING BUILDING CONDITIONS.
   (A) BACKSTOP SHALL BE SUPPORTED FROM 3 1/2" O.D. PIPE AND SECURED TO BEAMS WITH PRECISION DIE FORMED SUPPORT FITTINGS.
   (B) SPECIAL ATTACHMENT MEMBERS TO COMPLY WITH BUILDING DESIGN, LOCATED BY PORTER, DESIGNED BY ARCHITECT AND INSTALLED BY CONTRACTOR TO ELIMINATE EXPOSED PIPE BELOW CEILING.
2. "UNI-FRAME" ASSEMBLY WHICH CONSISTS OF 2 3/8" O.D. DROP PIPE AND 2 3/8" O.D. SPREADER PIPES IS WELDED INTO ONE RIGID UNIT.
3. MAXIMUM DISTANCE FACE OF BANK TO WALL IS 9'-0". WHEN FACE OF BANK EXCEEDS 9'-0", A #526 NON-FOLDING BACKSTOP IS RECOMMENDED.

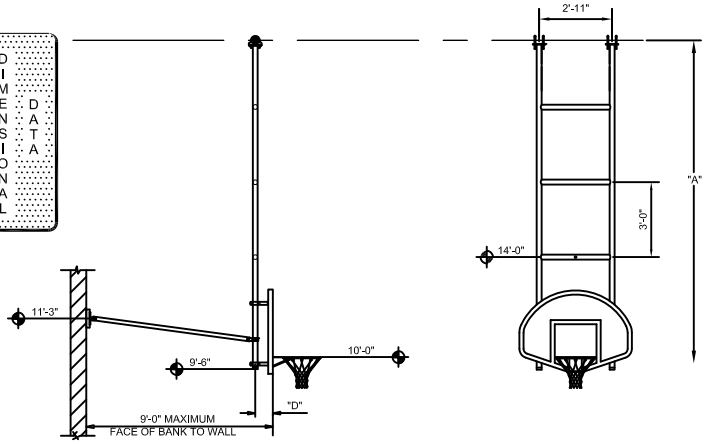
BACKBRACE ATTACHMENT



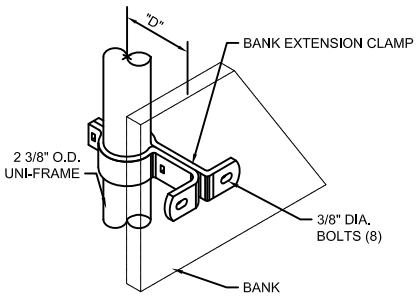
DROP FRAME ATTACHMENT



DIMENSIONAL DATA



BANK EXTENSION CLAMP ATTACHMENT DETAIL



"D" DIMENSION CHART - FACE OF BACKBOARD TO CENTERLINE OF MAST HANGER PIVOT POINT

BACKBOARD MODEL No.	WITHOUT HEIGHT ADJUSTER	WITH HEIGHT ADJUSTER
205	8 1/4"	11 1/8"
234	7 3/16"	10 5/16"
234A	7 3/16"	10 5/16"
267	7 3/16"	N/A
267A	N/A	10 5/16"

OPTIONAL FEATURES

1. GOAL HEIGHT ADJUSTMENT - WILL RAISE AND LOWER GOAL HEIGHT FROM 8'-0" TO 10'-0" ABOVE FINISHED FLOOR. SEE PAGE B-500-506 FOR DETAILS.

RECTANGULAR BACKBOARDS AVAILABLE WITH OFFICIAL 2" THICK BOTTOM EDGE PADDING - SPECIFY IF REQUIRED

_____ - 90518-000 STATIONARY WALL BRACED

888-277-7778 PORTER@PORTERATHLETIC.COM

PROJECT NUMBER _____

PROJECT NAME _____

10/1/2015

90518000 - STATIONARY BACKSTOP

CEILING SUSPENDED AND WALL BRACED UNIT
UP TO 25' ATTACHMENT HEIGHT

SPECIFICATIONS

PORTER No. 518 “UNI-FRAME” CEILING-SUSPENDED AND WALL-BRACED BACKSTOP (FOR ATTACHMENT HEIGHTS UP TO 25')

Vertical front drop frame assembly “Uni-Frame” shall consist of 2-3/8" O.D. drop pipes spaced on 2'-11" centers, horizontally braced with 2-3/8" O.D. spreader pipes welded on centers not to exceed 3'-0". Both ends of horizontal spreaders shall be saddle (die) cut to fit the outside diameter of the 2-3/8" O.D. drop pipes. Each connection of vertical and horizontal pipes shall be welded to form “Uni-Frame” type construction for maximum strength and resistance to vibration. (Drop frames with flattened or pinch cut type connections will not be approved as equal.) On installations exceeding 25' attachment heights - specify 90518-W. Special formed steel backboard attachment fittings shall provide the official N.C.A.A. and NFHS regulation of 6" (15.24 cm) from the front of the “Uni-Frame” to the face of the backboard.

Backstop “Uni-Frame” to be supported in a fixed playing position with dual, 1-7/8" O.D. pipes terminating into special hinge plates, mounted on clear lacquered wood wall mounting pads.

Backstop shall be supported from 3-1/2" O.D. pipe anchored to roof framing members by means of heavy, formed steel support fittings. Each support fitting (supplied by the backstop manufacturer) to the roof framing, must be capable of supporting a load exceeding 10,000 pounds, with sufficient attachment points to acquire a 60:1 safety factor for support of the entire backstop superstructure system. Certified test results shall be furnished upon request. All cap screws shall be rated a minimum SAE Grade 5. Grade 2 cap screws will not be approved as equal. Superstructure pipes to be reinforced with special bridging or bracing when truss centers exceed spans of 14'-0".

All metal parts shall be painted one (1) coat of flat black enamel. (If special painting or colors are required, specify final painting by painting contractor.)

Backstop available with any Porter fan shaped backboard – specify.

OPTIONAL CENTER-STRUT®HEIGHT ADJUSTMENT UNIT

For Manual Operation, See Page No.: B-500-211
For Key Switch Operation, See Page No.: B-501-211
For Powr-Stick Operation, See Page No.: B-502-211
For Sportsonic® II Operation, See Page No.: B-503-211

ISSUED OCTOBER 1, 2015, SUBJECT TO CURRENT MANUFACTURING PROCEDURES AND CHANGES

PORTER@PORTERATHLETIC.COM