

00312-000 - WALL-MOUNTED BACKSTOP

WALL-MOUNTED BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTER -
FAN BACKBOARD - 10'-0 7/8" to 12'-0" EXTENSION

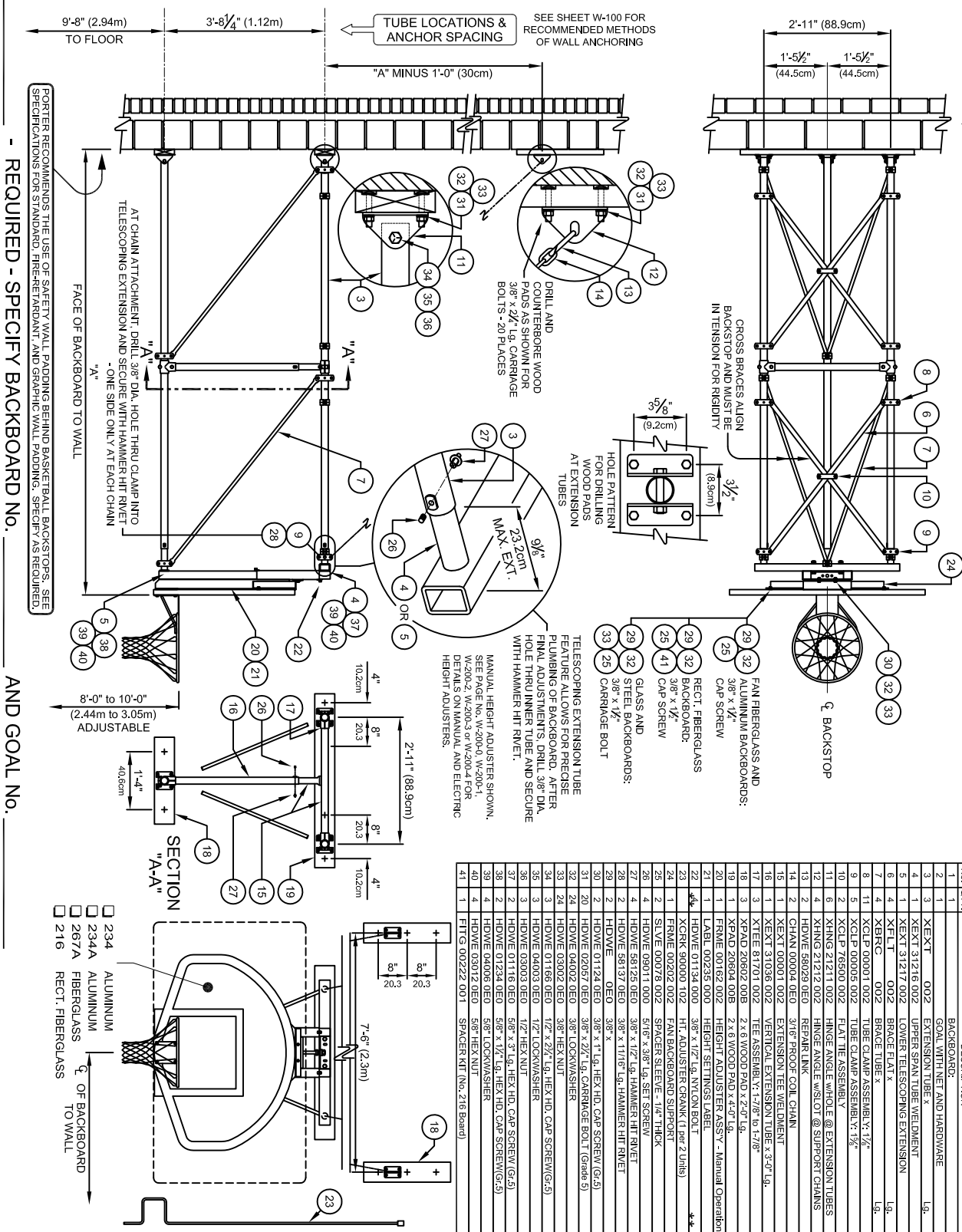
PORTER

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WALL MOUNT SPECIFICATION SHEET

W-312-F12H

SUPPORT CHAINS MAY BE SECURED TO THE ROOF FRAMING STRUCTURE.
SPECIFY TYPE, HEIGHT AND LOCATIONS OF FRAMING WHEN DESIRED.



No.	QTY.	PARTS LIST
1	1	BACKBOARD:
2	1	GOAL WITH NET AND HARDWARE
3	3	EXTENSION TUBE x 1/2\"
4	3	EXT 31216 002 UPPER SPAN TUBE WELDMENT
5	1	EXT 31217 002 LOWER TELESCOPING EXTENSION
6	4	EXT 31218 002 BRACE FLAT x 1/2\"
7	4	EXT 31219 002 BRACE TUBE x 1/2\"
8	11	XCPL 00001 002 TUBE CLAMP ASSEMBLY: 1/2\"
9	5	XCPL 76500 002 TUBE CLAMP ASSEMBLY: 1/2\"
10	2	XCPL 76500 002 FLAT TUBE CLAMP ASSEMBLY: 1/2\"
11	6	XHNG 21211 002 HINGE ANGLE W/ HOLE @ EXTENSION TUBES
12	4	XHNG 21212 002 HINGE ANGLE W/ HOLE @ SUPPORT CHAINS
13	2	CHVN 58029 000 REPAIR LINK
14	2	CHVN 00004 000 3/16\" PROOF COIL CHAIN
15	1	XCXT 00001 002 EXTENSION TEE WELDMENT
16	1	XCXT 31036 002 TEE ASSEMBLY: 1/2\" TO 1/2\"
17	3	XCXT 81701 002 TEE ASSEMBLY: 1/2\" TO 1/2\"
18	3	XPAD 20602 008 2 x 6 WOOD PAD x 2-0\" LG.
19	1	FRME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
20	1	FRME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
21	1	LAEL 00235 000 HEIGHT SETTING LABEL
22	2	HDWE 01134 000 3/8\" x 1/2\" LG. NYLON BOLT
23	1	XCGR 90000 102 H.T. ADJUSTER CRANK (1 per 2 units)
24	1	FRME 00202 002 FAN BACKBOARD SUPPORT
25	2	SLVE 00078 002 SPACER SLEEVE - 1/4\" THICK
26	4	HDWE 58125 000 5/16\" x 3/8\" LG. SET SCREW
27	4	HDWE 58125 000 5/16\" x 3/8\" LG. HAMMER HIT RIVET
28	4	HDWE 58137 000 3/8\" x 1 1/16\" LG. HAMMER HIT RIVET
29	2	HDWE 01124 000 3/8\" x 1 1/4\" LG. HEX HD. CAP SCREW (G-5)
30	2	HDWE 01124 000 3/8\" x 1 1/4\" LG. HEX HD. CAP SCREW (G-5)
31	20	HDWE 02057 000 3/8\" x 1/2\" LG. CARTRIDGE BOLT (Grade 5)
32	24	HDWE 03002 000 3/8\" HEX NUT
33	3	HDWE 03003 000 1/2\" LOCKWASHER
34	3	HDWE 04003 000 1/2\" LOCKWASHER
35	3	HDWE 04003 000 1/2\" LOCKWASHER
36	3	HDWE 04003 000 1/2\" LOCKWASHER
37	2	HDWE 01116 000 5/8\" x 1 1/4\" LG. HEX HD. CAP SCREW (G-5)
38	2	HDWE 01124 000 5/8\" x 1 1/4\" LG. HEX HD. CAP SCREW (G-5)
39	4	HDWE 04006 000 5/8\" x 1 1/4\" LG. HEX HD. CAP SCREW (G-5)
40	4	HDWE 04006 000 5/8\" x 1 1/4\" LG. HEX HD. CAP SCREW (G-5)
41	1	FTTG 00222 001 SPACER KIT (Nt. 216 Board)

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PROJECT NUMBER

PROJECT NAME

10/1/2015

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FAN BACKBOARD - 10'-0 $\frac{1}{8}$ " to 12'-0" EXTENSION

SPECIFICATIONS

PORTER No. 00312- WALL-BRACED BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTMENT UNIT FOR FAN BACKBOARD AND RECTANGULAR FIBERGLASS BACKBOARD

Backstop shall be wall-braced type with face of backboard extended 10' 0-1/8" to 12'-0" from supporting wall (specify).

Extension frames shall be fabricated of three (3) 1-7/8" O.D. tubes with a telescoping end section for ease of installation, and precise plumbing and alignment of backboard with official court markings, even when supported on uneven wall conditions. Upper extensions shall terminate in a heavy wall rectangular tube assembly on standard 2'-11" centers. Extension frame assemblies shall be drilled and bolted to precision die-formed hinge angles for attachment to wall pads. Backstop shall be braced internally with 7/8" O.D. steel tension braces attached at both ends with precision die-formed clamps for rigidity and support of the Center-Strut® goal mount plate. Additional internal bracing shall consist of 3/16" x 1-1/4" steel tension flats attached at both ends with precision die-formed clamps and joined at their intersection with bolted steel fittings. The three extension frames shall be braced mid-span by 1-7/8" O.D. tubes welded into a 'T' configuration and attached with ductile iron Tee casting assemblies. Two (2) chain supports (3/16" proof coil chain) shall extend diagonally from the wall to the upper extension tubes, terminating in clamp-type fittings.

Southern yellow pine wall pads shall be provided at all wall attachment points. All edges shall be chamfered and pads shall be finished with two finish coats of natural gloss lacquer.

Height adjustment unit shall be designed to provide an adjustable, direct mount Center-Strut® goal attachment system to eliminate any strain on the backboard, should a player hang on the front mounted goal. Height adjustment units without the prescribed direct mount goal feature will not be approved as equal. Height adjustment feature will allow goal height settings from 8'-0" to the official 10'-0" for use by all age groups. Unit shall be designed for use only with Porter No. 267A fan fiberglass, No. 234 or 234A fan aluminum, or No. 216 rectangular fiberglass backboards and companion front-mount type goal.

Center unitized support frame of height adjustment unit shall be fabricated by dual, 2-3/16" square heavy wall zinc plated guide tubes located on 11-3/16" centers. Ends of guide tubes shall be welded to heavy mounting brackets. Outer dual slide tubes shall support heavy structural steel angle sections which extend downward to accept a direct mount Center-Strut® goal mounting system. Slide tube assembly shall be provided with a heavy, formed steel section to attach a special upper backboard support assembly to secure the unit to the upper two corners of the fan-shaped backboard.

Height adjustment unit shall incorporate a centrally located 3/4" diameter Acme threaded rod equipped with precision, hardened steel roller thrust bearings for ease of operation from the playing floor by means of an awning crank-type mechanism. Height adjustment system shall incorporate an internal, spring-loaded height locking mechanism to automatically lock and hold unit at any desired goal height during play. Lock mechanism automatically releases when height setting changes are made with adjustment crank assembly. Adjustment crank assembly shall be provided with each pair of height adjustment units. A height setting scale shall be located on the side of the unit to visually determine height settings from 8'-0" to 10'-0" in 3" increments.

Limited Lifetime warranty on Porter fan-shaped fiberglass (267A), fan-shaped aluminum (234 or 234A), or rectangular fiberglass (216) backboards when used in conjunction with Porter Center-Strut® height adjustment unit installed on a Porter No. 312 Wall-Braced Backstop.

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

Specify backboard and goal as required.