

# 166-7 - VERTICAL OUTDOOR BACKSTOP

6' EXTENDED OUTDOOR BACKSTOP WITH RECTANGULAR GLASS BACKBOARD

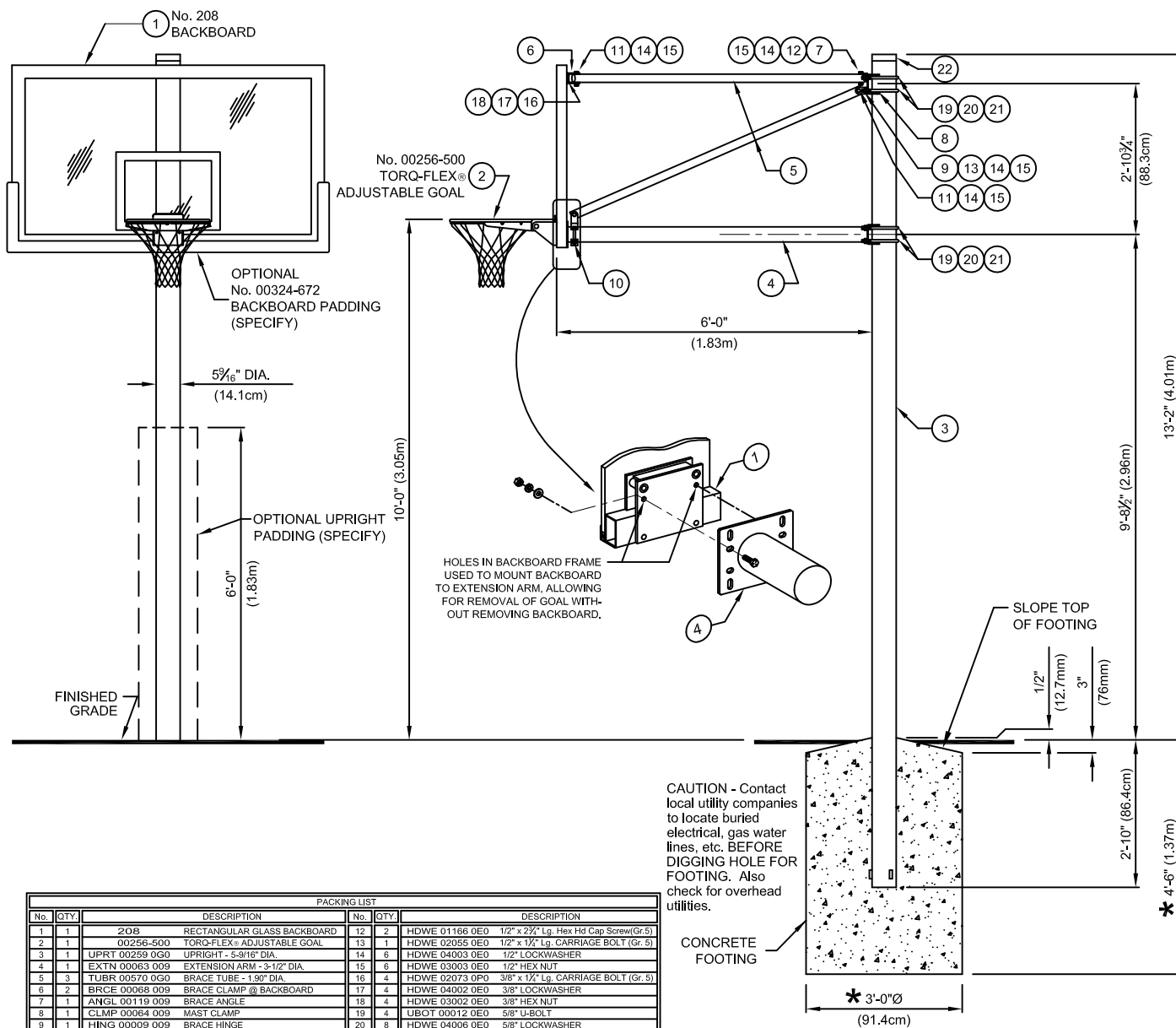
**Porter**

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BASKETBALL SPECIFICATION SHEET

R-166-7

7/18/2017



PACKING LIST					
No.	QTY.	DESCRIPTION	No.	QTY.	DESCRIPTION
1	1	Z08 RECTANGULAR GLASS BACKBOARD	12	2	HDWE 01166 0EO 1/2" x 2 1/2" Lg. Hex Hd Cap Screw (Gr.5)
2	1	00256-500 TORQ-FLEX® ADJUSTABLE GOAL	13	1	HDWE 02055 0EO 1/2" x 1 1/2" Lg. CARRIAGE BOLT (Gr.5)
3	1	UPRT 00259 0GO UPRIGHT - 5-3/16" DIA.	14	6	HDWE 04003 0EO 1/2" LOCKWASHER
4	1	EXTN 00083 0O9 EXTENSION ARM - 3-1/2" DIA.	15	6	HDWE 03003 0EO 1/2" HEX NUT
5	3	TUBR 00570 0GO BRACE TUBE - 1.90" DIA.	16	4	HDWE 02073 0PO 3/8" x 1 1/2" Lg. CARRIAGE BOLT (Gr.5)
6	2	BRCE 00068 0O9 BRACE CLAMP @ BACKBOARD	17	4	HDWE 04002 0EO 3/8" LOCKWASHER
7	1	ANGL 00119 0O9 BRACE ANGLE	18	4	HDWE 03002 0EO 3/8" HEX NUT
8	1	CLMP 00064 0O9 MAST CLAMP	19	4	UBOT 00012 0EO 5/8" U-BOLT
9	1	HING 00009 0O9 BRACE HINGE	20	8	HDWE 04006 0EO 5/8" LOCKWASHER
10	1	XHNG 3010P 0O9 BRACE HANGER ASSEMBLY @ EXTN	21	8	HDWE 03012 0EO 5/8" HEX NUT
11	3	HDWE 01140 0EO 1/2" x 3" Lg. Hex Hd Cap Screw (Gr.5)	22	1	PCAP 00028 0O2 PIPE CAP

CAUTION - Contact local utility companies to locate buried electrical, gas water lines, etc. BEFORE DIGGING HOLE FOR FOOTING. Also check for overhead utilities.

CONCRETE FOOTING

\* MINIMUM RECOMMENDED FOOTING SIZE SHOWN. INCREASE SIZE OF FOOTING AS REQUIRED ACCORDING TO LOCAL SOIL CONDITIONS, AND TO MEET LOCAL BUILDING CODES REGARDING MINIMUM WIND SPEEDS.

- 16675 6' EXTENDED BACKSTOP WITH No. 208 GLASS BACKBOARD AND No. 00256-500 GOAL

See B-324-72 - 00324-672 BACKBOARD PADDING KIT (EACH)

See R-187 - 00187-0xx UPRIGHT PROTECTIVE PADDING (EACH)

**Porter**

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PROJECT NUMBER

PROJECT NAME

# 166-7 - VERTICAL OUTDOOR BACKSTOP

## 6' EXTENDED OUTDOOR BACKSTOP WITH RECTANGULAR GLASS BACKBOARD

### SPECIFICATIONS

#### PORTER No. 16675 – 6' EXTENDED VERTICAL POST BACKSTOP WITH RECTANGULAR GLASS BACKBOARD AND GOAL

Upright support shall be 5-9/16" (14.13cm) O.D. heavy-wall galvanized steel pipe capped at top end. Anchor lugs shall be provided on lower end for securing into a concrete footing.

Backboard shall be supported 6'-0" (1.83m) in front of upright support by means of special horizontal support assemblies for ease of installing goal height at any location between 8'-0" (2.44m) and 10'-0" (3.05m).

Lower horizontal support assembly shall be fabricated from 3-1/2" (8.89cm) O.D. heavy-wall tubing equipped with a special steel, die formed fitting for attachment to the upright support. Lower horizontal support assembly shall extend to a mounting plate directly behind the goal mounting holes to transfer all goal impact loading directly to the rear support structure to eliminate stress on the backboard. Lower horizontal support assembly shall be supported directly behind the goal mounting plate by means of a diagonally mounted heavy-wall 1-7/8" (4.76cm) O.D. steel tube extending to the upper end of the upright support.

Upper part of the backboard shall be further braced by dual, heavy-wall 1-7/8" (4.76cm) O.D. steel tubes extending outward from the upper end of this upright support into special hinge fittings mounted on 5'-6" (1.68m) centers on the backside of the backboard. All metal parts shall be furnished in a galvanized finish.

Backboard shall be 3'-6" x 6'-0". Backboard frame shall be of a welded, unitized construction fabricated from heavy-wall rectangular steel tubing. Unitized frame shall be designed for use only on direct goal mounting (Center-Strut®) type support structures. Unitized frame shall be designed to allow the bottom two goal mount holes to pass beneath the glass section to further alleviate stress on the glass. Backside of goal mount structure is provided with two mounting holes and hardware to independently secure backboard to a direct mount goal feature which relieves all stress and shock on the backboard frame. Backboard frame shall be furnished with heavy steel gusset plates in the top two corners incorporating keyhole slots for mounting the backboard to direct-mount type support structures. Rear backboard frame shall be finished in a durable neutral gray powder coated finish.

Glass shall be provided in 1/2" thick, fully tempered (heat-treated) glass section with uniform load and impact strength. Official white border and target area is "fired in" permanently on front side of glass section so that it cannot wear away. Glass section shall be secured to unitized rear frame by means of an attractive, L-shaped brushed aluminum extrusion for optimum durability. Front perimeter frame shall be secured to unitized rear frame with structural truss head rivets. Glass section shall be fitted with shock absorbing neoprene material to cushion and protect the glass section. Goal mounting holes (4) to be on standard 5" (horizontal) x 4-1/2" (vertical) mounting centers (for use with Porter Model No. 00256-500) goal).

See Page No. B-256-5 for specifications on Porter No. 00256-500 Torq-Flex® Adjustable Goal.

#### OPTIONAL ITEMS TO SPECIFY

See Page No. B-324-72 for specifications on Porter No. 00324-672 Backboard Padding.

See Page No. R-187 for specifications on Porter No. 00187-0XX Upright Padding.