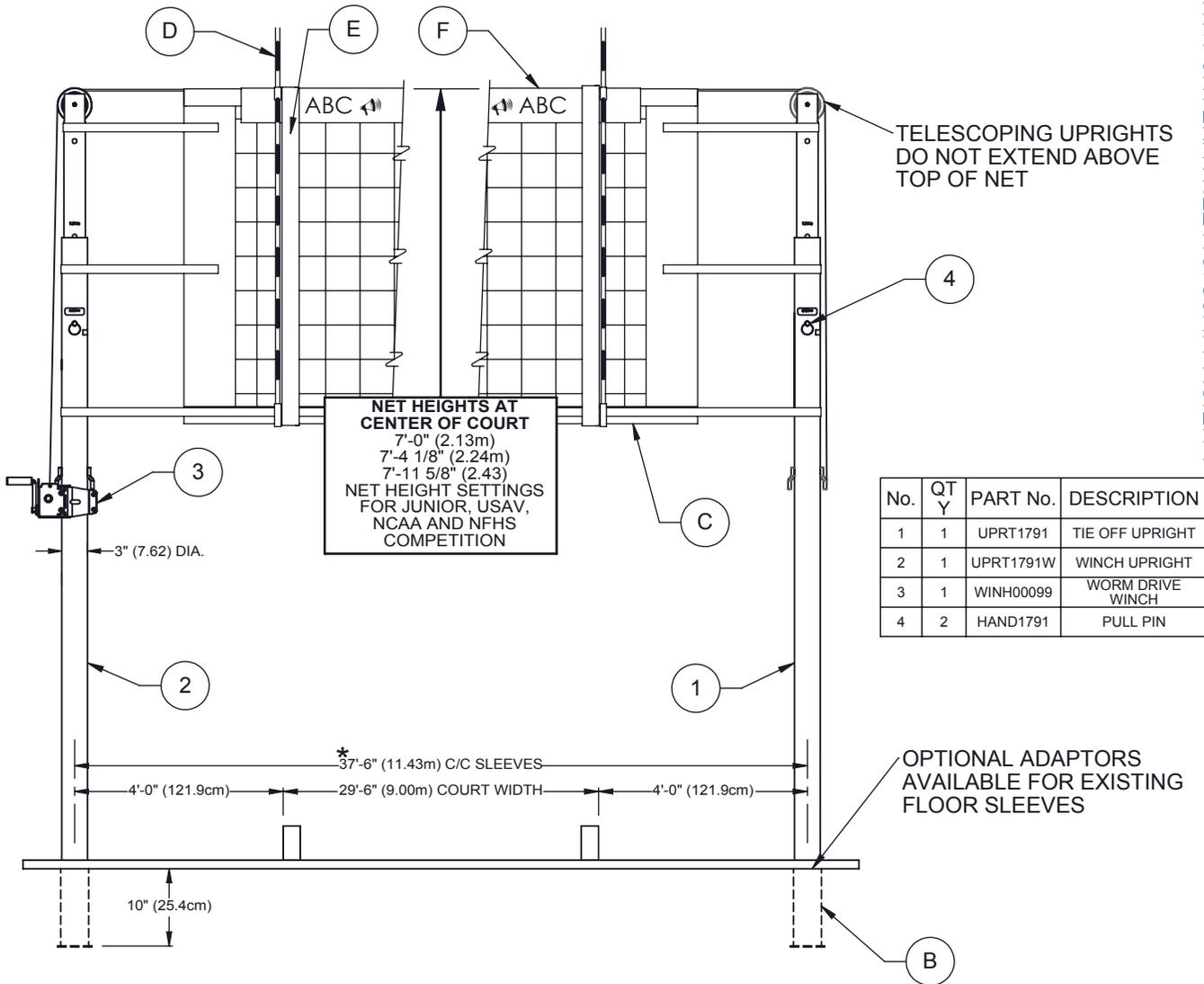


# 1791 POWR-STEEL VOLLEYBALL SYSTEM

## SLEEVE-TYPE 3" OD STEEL VOLLEYBALL END STANDARDS



No.	QTY	PART No.	DESCRIPTION
1	1	UPRT1791	TIE OFF UPRIGHT
2	1	UPRT1791W	WINCH UPRIGHT
3	1	WINH00099	WORM DRIVE WINCH
4	2	HAND1791	PULL PIN

- \_\_\_ - 1791 POWR-STEEL VOLLEYBALL STANDARDS (PAIR)
- \_\_\_ - 1791-9XX POWR-STEEL VOLLEYBALL STANDARDS W/ PADS (PAIR)
- \_\_\_ - 1791-9XXSP POWR-STEEL VOLLEYBALL STANDARDS W/ GRAPHIC PADS (PAIR)

QTY	PART No.	DESCRIPTION	No.	PAGE No.
	VARIOUS	3" DIA FLOOR SLEEVE - EACH	B	VARIOUS
	2295	UNIVERSAL VOLLEYBALL NET	C	V-2295
	2296	UNIVERSAL NET ANTENNA - PAIR	D	V-2296-1
	02297-000	BOUNDARY MARKERS - PAIR	E	V-2296-1
	8390XX	UPRIGHT PROTECTIVE PADS - PAIR (NOT SHOWN)		V-839
	669100	JUDGE'S STAND (NOT SHOWN)		V-540-1
	6693XX	PADS FOR JUDGE'S STAND (NOT SHOWN)		V-547
	00827-300	3 1/2" TO 3" SLEEVE ADAPTER (NOT SHOWN)		V-827-300

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VOLLEYBALL SPECIFICATION SHEET

V-1791

**Porter**<sup>®</sup>

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PROJECT NUMBER \_\_\_\_\_

PROJECT NAME \_\_\_\_\_

7/5/2016

# 1791 POWR-STEEL VOLLEYBALL SYSTEM

## SLEEVE-TYPE 3" OD STEEL VOLLEYBALL END STANDARDS

### SPECIFICATIONS

#### PORTER No. 1791 POWR-STEEL VOLLEYBALL STANDARDS (PAIR)

Volleyball system shall consist of two telescoping type uprights and one winch. System shall be designed with height adjustment settings to meet all USAV, NCAA and NFHS requirements for competition. Aluminum posts, or posts that do not telescope (that extend above the top of the net) will not be approved as equal.

Bottom upright shall be 3" (7.62cm) O.D. high strength 6Ga steel. Upright shall be designed to fit standard 3" (7.62cm) floor sleeves for new construction or existing floors. Specify No. 790 or 792 type floor sleeve. Upright shall be powder coated in a corrosion resistant navy blue. Bottom of upright shall be provided with a special adjustable rubber foot to protect finished floors when moving standard. Rubber foot shall adjust in height to accommodate ground sleeves installed too deep. Net tie offs shall be welded on for additional tensioning strength.

Upper telescoping (adjustable) upright shall be 2 1/2" (6.35cm) O.D. 11 Ga plated steel. Upper end of the upright shall be equipped with a pulley to reduce cable drag and undue tension on the entire system. Pulley to be made of cast iron for additional strength and stability. Upper telescoping upright shall be adjustable in height by means of a high strength pull pin, and shall be furnished with cut out markings for the following heights:

AGE GROUPS	FEMALE/REVERSE CO-ED	MALE/CO-ED
70 years and above	2.19 m (7'-2 1/8")	2.29 m (7'-6")
55 years and above	2.19 m (7'-2 1/8")	2.38 m (7'-9 5/8")
45 years and above	2.19 m (7'-2 1/8")	2.43 m (7'-11 5/8")
15-18 years and under	2.24 m (7'-4 1/8")	2.43 m (7'-11 5/8")
13-14 years and under	2.24 m (7'-4 1/8")	2.24 m (7'-4 1/8")
11-12 years and under	2.13 m (7'-0")	2.13 m (7'-0")
10 years and under	1.98 m (6'-6")	2.13 m (7'-0")

*NOTE: NCAA and NFHS rules stipulate there be no more than 3/4" of sag in the net when fully tensioned.*

Tensioning reel shall be a vertical lift, worm gear winch with steel frame. Frame construction shall be of interlocking steel for high rigidity and precise alignment, semi enclosed for safety, and powder coated for corrosion resistance. Self-locking worm drive will prevent snap back or loss of tension. Net shall attach directly to the winch eliminating the need for straps.

1791 upright pair shall consist of one winch post and one end post.

Weight of each post shall not exceed 55 pounds for the winch post and 50 pounds for the end post.

Specify No. 2295 nets.

Specify No. 00827-300 sleeve adapter for use on 3 1/2" ground sleeves.