

CONNECTIONS:

APRIL 4th TUESDAY

RIVET -



1:30 PM

HIGH-STRENGTH BOLT -
SLIP - CRITICAL CONNECTION -

FRICTION CONNECTION -

WELD -



WELD SYMBOLS -

SHEAR CONNECTION -

MOMENT CONNECTION - ROTATE
WELDING CONNECTION.

<u>SHAPE</u>	<u>SAMPLE DESIGNATION</u>	<u>EXPLANATION</u>	<u>RANGE OF AVAILABLE SIZE</u>
WIDE ANGE	W21 X 83	W - WIDE ANGE RST NUMBER OF NOMINAL DEPTH IN INCHES & THE SECOND NUMBER IS WEIGHT IN POUNDS PER FOOT OF LENGTH.	NOMINAL DEPTH 4 TO 18" IN 2" FROM 18 TO 36" IN 3" & FROM 36 TO 44" IN 4"
AMERICAN STANDARD BEAM	S18 X 70	S - AMERICAN STANDARD BEAM RST NUMBER NOMINAL DEPTH IN INCHES SECOND # IS WEIGHT IN POUNDS PER FOOT OF LENGTH	NOMINAL DEPTH OF 3", 4", 5", 6", 8", 10", 12", 15", 18", 20", & 24"
CHANNEL	MC10 X 33.6	MC - CHANNEL RST # NOMINAL DEPTH IN INCHES & THE SECOND # IS WEIGHT IN POUNDS PER FOOT OF LENGTH	NOMINAL DEPTH OF 6", 7", 8", 9", 10", 12", 13", & 18"
AMERICAN STANDARD CHANNEL	C6 X 13	C - AMERICAN STANDARD CHANNEL RST # IS NOMINAL DEPTH IN INCHES & THE SECOND # IS WEIGHT IN POUNDS PER FOOT OF	NOMINAL DEPTH OF 3", 4", 5", 6", 7", 8", 9", 10", 12", & 15"