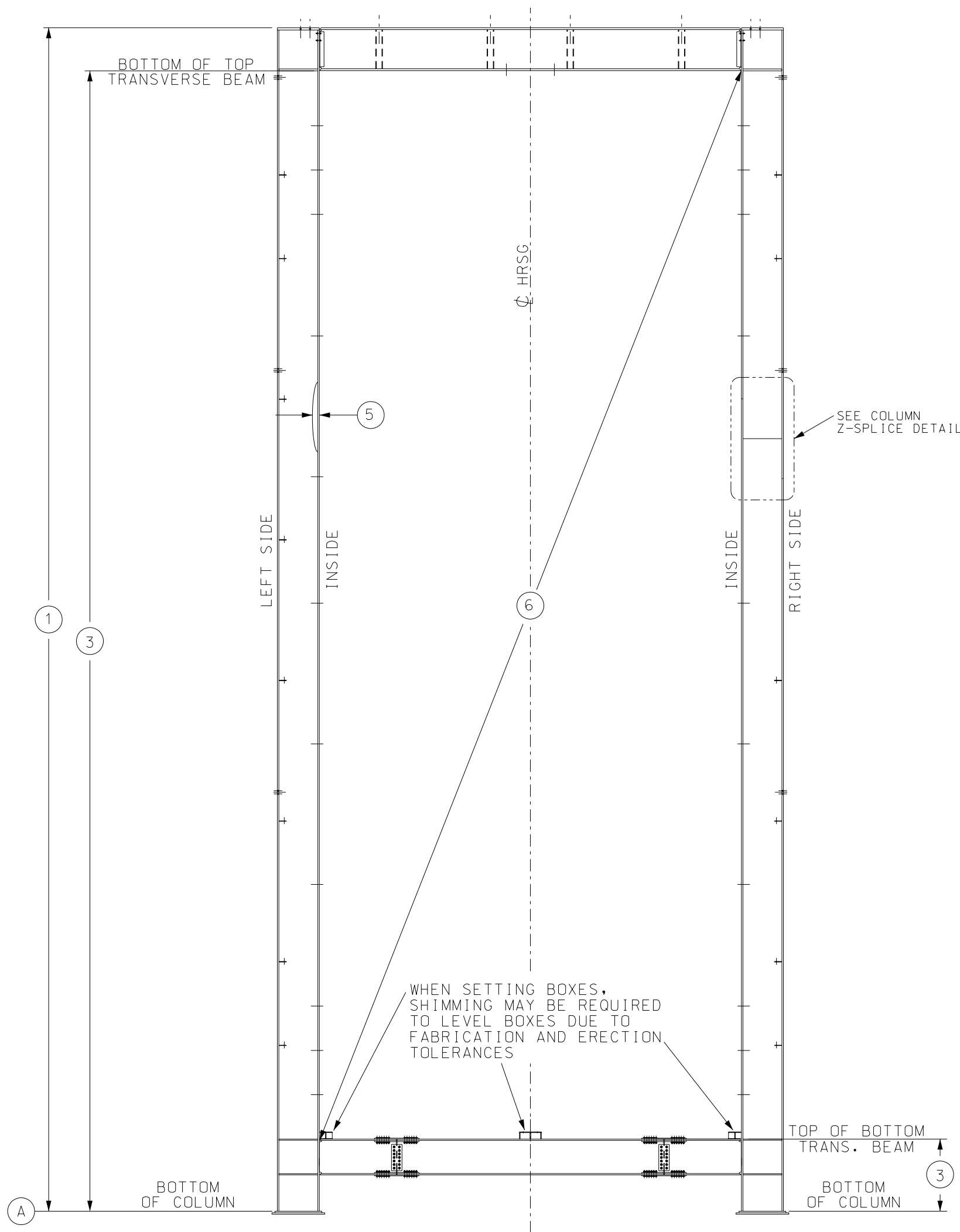
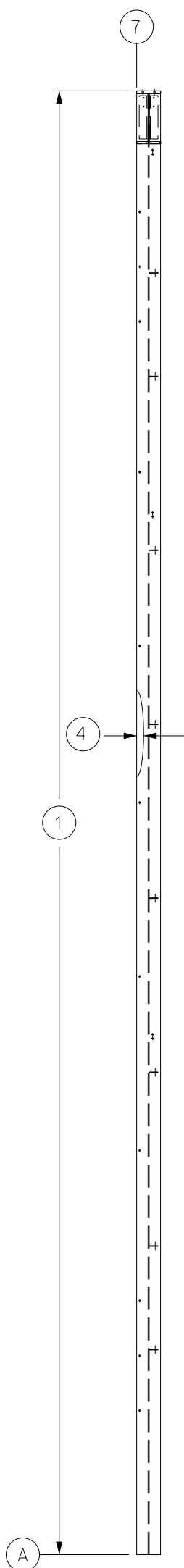
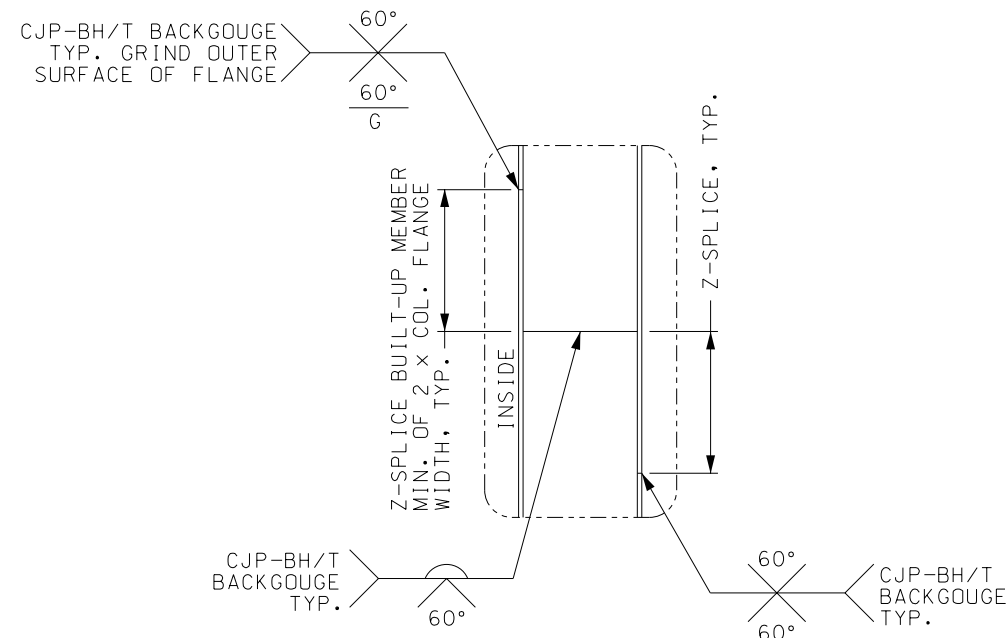


PLAN VIEW

COLUMN & TRANSVERSE BEAM ASSEMBLY
FRONT VIEW

RIGHT SIDE



COLUMN Z-SPLICE DETAIL

COLUMN Z-SPLICES ARE PERMITTED ONLY BETWEEN THE TOP AND BOTTOM BEAM CONNECTIONS. SPLICES SHALL NOT BE CLOSER THAN TWO METERS (6.5 ft (1981.2mm)) TO THE NEAREST BEAM FLANGE NOR WITHIN SIX METERS (19.5 ft (5943.6mm)) TO EACH OTHER.

TOLERANCES

- ① ALL VERTICAL LOCATING DIMENSIONS SHALL BE MEASURED FROM A REFERENCE LINE. THE REFERENCE LINE SHALL COINCIDE WITH THE BOTTOM OF COLUMN.
- ① THE HEIGHT OF STRUCTURAL COLUMN SHALL BE WITHIN $+ \frac{3}{8}$ " (+ 9.5mm), $- \frac{1}{8}$ " (- 3.2mm) OF SPECIFIED DIMENSION.
- ② INSIDE STRUCTURAL (FLANGE TO FLANGE) TO BE $+ \frac{1}{4}$ " (+ 6.4mm), $- \frac{1}{8}$ " (- 3.2mm) OF SPECIFIED DIMENSION.
- ③ VERTICAL DISTANCE FROM REFERENCE LINE TO TRANSVERSE BEAM $\pm \frac{1}{8}$ " (± 3.2 mm) OF SPECIFIED DIMENSION.
- ④ MAXIMUM COLUMN SWEEP $\pm \frac{1}{4}$ " (± 6.4 mm).
- ⑤ MAXIMUM COLUMN CAMBER $+ \frac{1}{2}$ " (+ 12.7mm), -0 " (- 0mm).
- ⑥ DIAGONAL DIMENSIONS TO BE WITHIN $\frac{1}{2}$ " (12.7mm) OF EACH OTHER.
- ⑦ IN THE ERECTION OF STRUCTURAL STEEL THE INDIVIDUAL PIECES SHALL BE PLUM (IN A PERPENDICULAR OR VERTICAL DIRECTION), LEVEL, ALIGNED AND SQUARED, SUCH VARIATIONS, AS THOSE TO BE EXPECTED IN THE FINISHED OVERALL DIMENSIONS OF STRUCTURAL STEEL FRAMES, ARE NOT TO BE IN EXCESS OF THE CUMULATIVE EFFECT OF THE DETAILED FABRICATION TOLERANCES AS SHOWN ON THE APPLICABLE STANDARD FABRICATION TOLERANCE DRAWINGS.
- ⑧ TOLERANCE ON ANY DIMENSION NOT SPECIFIED ABOVE OR BY AISC SHALL BE $\pm \frac{1}{4}$ " (± 6.4 mm).

00	FIRST ISSUE	22-SEP-15	SP	REEVES		FRY
Rev.	Description	Date	Drawn	Chkd. 1	Chkd. 2	Appr.
Revisions						
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MIDDLETOWN ENERGY CENTER and KINGS MOUNTAIN ENERGY CENTER for NTE ENERGY and GEMMA POWER SYSTEMS VOGT POWER PROJECTS V17494 & V17495					3rd ANGLE PROJECTION	
Title					Scale:	NONE
STANDARD TOLERANCES FOR FIELD ERECTED GOAL POST						
				13551 Triton Park Blvd Suite 2000 Louisville, Ky. 40223 USA WWW.VogtPower.com		
Internal Drawing Status		Size	Drawing No.		Rev.	
FOR RECORD		C	V17494-EBND-0105		00	

APPLIES TO:
V17494 MIDDLETOWN PROJECT
V17495 KINGS MOUNTAIN PROJECT