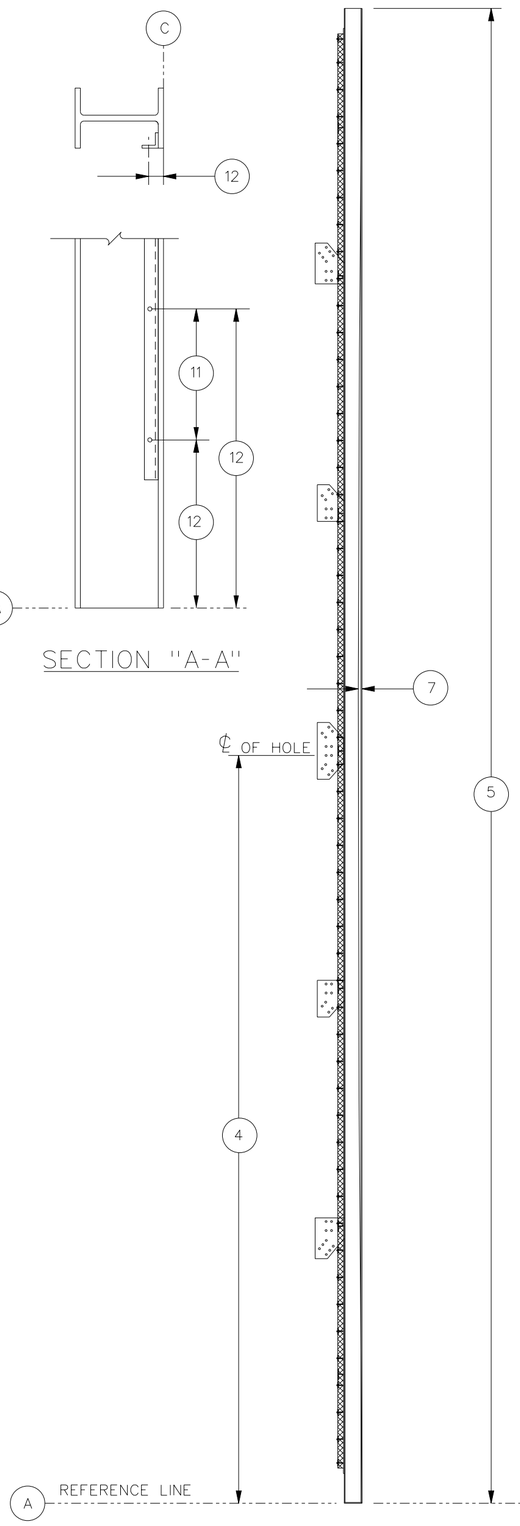
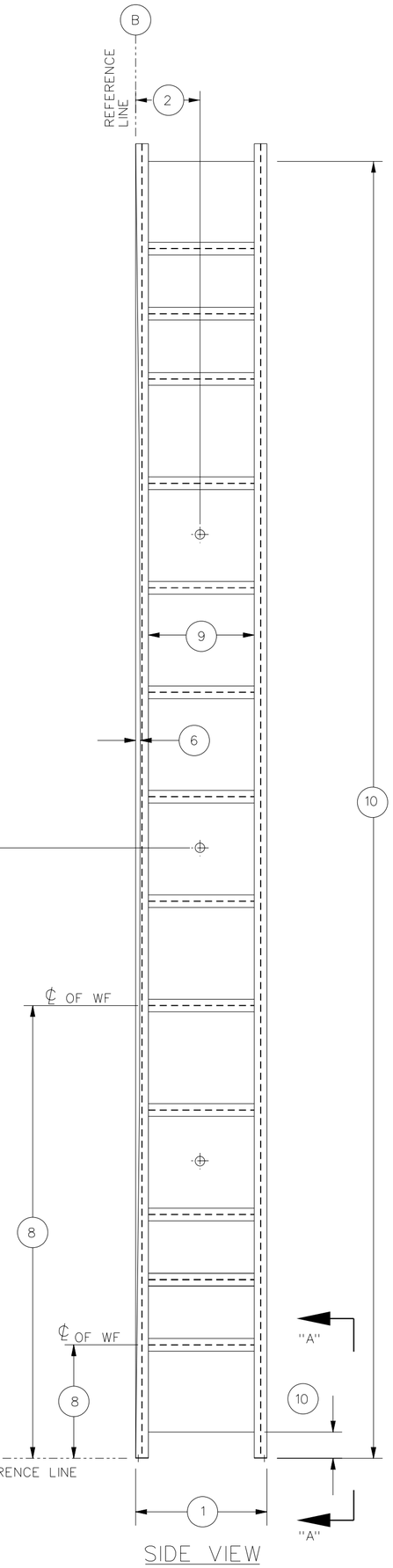
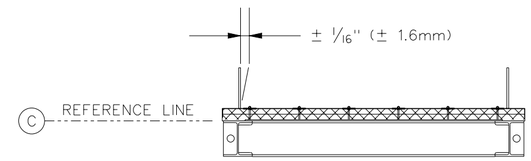
SECTION "A-A"



END VIEW



SIDE VIEW



PLAN VIEW

UNLESS OTHERWISE SPECIFIED FOR A PARTICULAR STRUCTURAL FRAME, TOLERANCES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS LISTED BELOW.

(A) ALL VERTICAL LOCATING DIMENSIONS SHALL BE MEASURED FROM A REFERENCE LINE. THE REFERENCE LINE SHALL COINCIDE WITH THE BOTTOM OF COLUMN.

(B) ALL SIDE VIEW HORIZONTAL LOCATING DIMENSIONS SHALL BE MEASURED FROM A REFERENCE LINE. THE REFERENCE LINE SHALL COINCIDE WITH THE TOP OF STACKING SUPPORTS.

(C) ALL END VIEW HORIZONTAL LOCATING DIMENSIONS SHALL BE MEASURED FROM A REFERENCE LINE. THE REFERENCE LINE SHALL COINCIDE WITH THE INSIDE OF THE COLUMN FLANGE.

TOLERANCES

(1) OVERALL PANEL WIDTH (FLANGE TO FLANGE) TO BE ± 1/8" (± 3.2mm) OF SPECIFIED DIMENSION.

(2) HORIZONTAL DISTANCE FROM REFERENCE LINE TO TEST CONNECTIONS, ± 1/8" (± 3.2mm) OF SPECIFIED DIMENSION.

(3) VERTICAL DISTANCE FROM REFERENCE LINE TO TEST CONNECTIONS, ± 1/8" (± 3.2mm) OF SPECIFIED DIMENSION.

(4) DISTANCE FROM REFERENCE LINE TO CONNECTING PLATES, ± 1/8" (± 3.2mm) OF SPECIFIED DIMENSION.

(5) THE HEIGHT OF STRUCTURAL COLUMN SHALL BE WITHIN ± 1/4" (± 6.4mm) OF THE SPECIFIED DIMENSION.

(6) MAXIMUM COLUMN SWEEP + 1/2" (± 12.7mm), - 1/4" (± 6.4mm).

(7) MAXIMUM COLUMN CAMBER ± 1/2" (± 12.7mm).

(8) LOCATION OF CASING STIFFENERS ℄ FROM REFERENCE LINE ± 3/16" (± 4.8mm).

(9) DISTANCE INSIDE STRUCTURALS ± 1/4" (± 6.4mm) OF SPECIFIED DIMENSION.

(10) THE LOCATION OF CASING PLATES FROM REFERENCE LINE ± 1/4" (± 6.4mm).

(11) CENTER TO CENTER DISTANCE BETWEEN HOLES TO BE ± 1/8" (± 3.2mm).

(12) DISTANCE FROM THE REFERENCE LINE TO CENTER OF ANY HOLE ± 1/16" (± 1.6mm).

(13) TOLERANCE ON ANY DIMENSION NOT SPECIFIED ABOVE OR BY AISC SHALL BE ± 1/8" (± 3.2mm).

NOTE:

TOLERANCES ARE FOR FINISHED WELDED PRODUCT WHICH MAY NOT BE APPLICABLE FOR FIT-UP TOLERANCES PRIOR TO WELDING.

APPLIES TO:
V17494 MIDDLETOWN PROJECT
V17495 KINGS MOUNTAIN PROJECT

Rev.	Description	Date	Drawn	Chkd. 1	Chkd. 2	Appr.
00	FIRST ISSUE	22-SEP-15	SP	REEVES		FRY

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

Scale: NONE

Title
STANDARD FABRICATION TOLERANCES
FOR
SIDE PANEL ASSEMBLY

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Internal Drawing Status	Size	Drawing No.	Rev.
FOR RECORD	C	V17494-EBND-0104	00