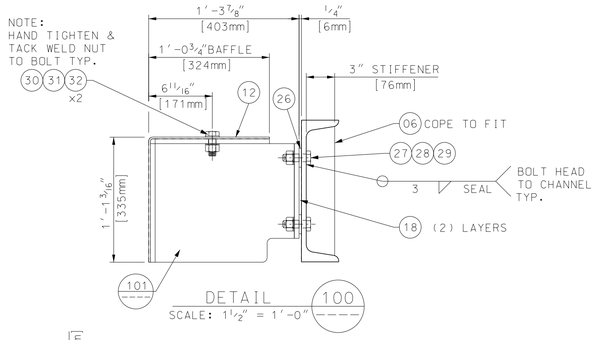
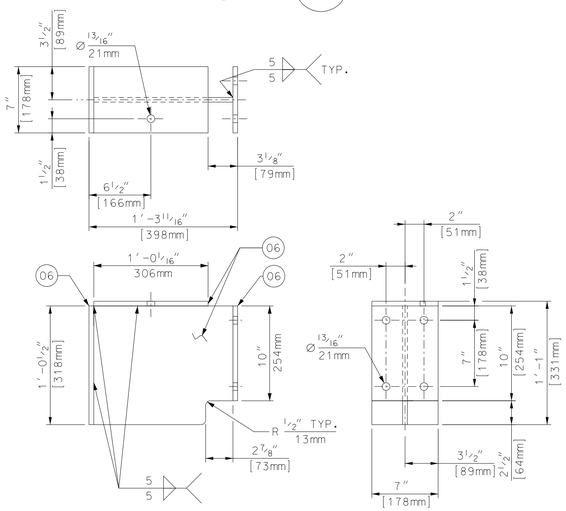
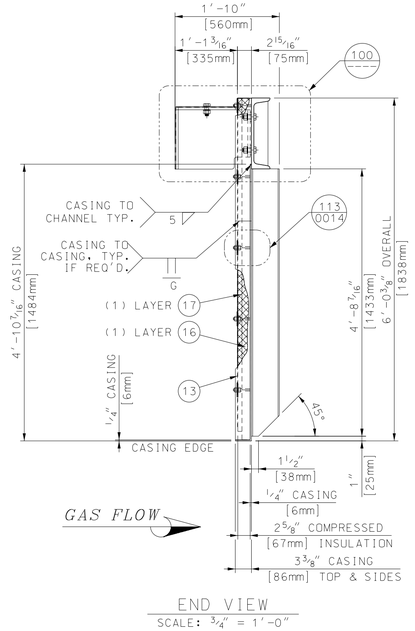


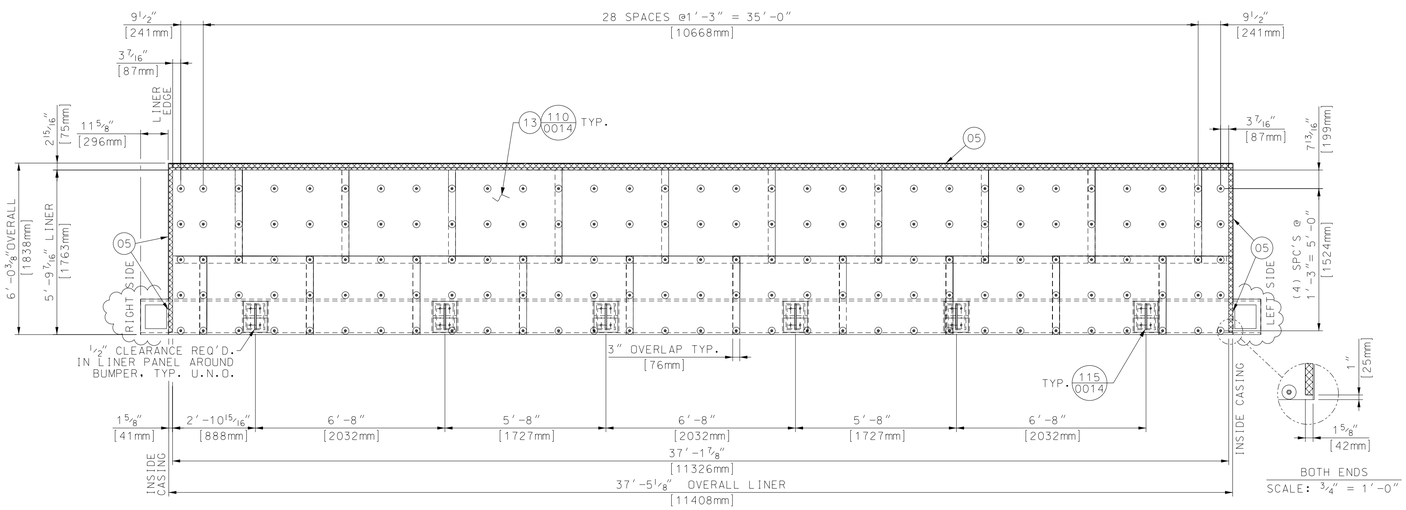
DETAIL 100
SCALE: 1 1/2" = 1'-0"



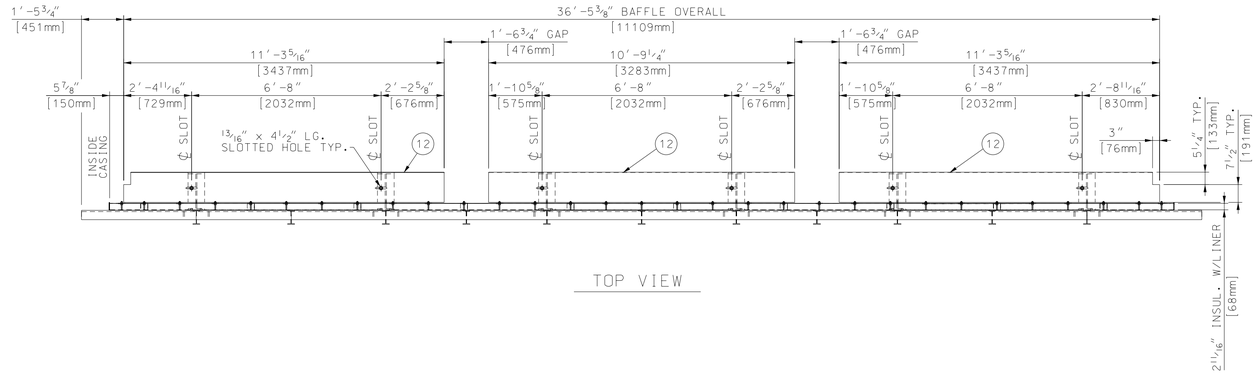
BRACKET ASSEMBLY 101
SCALE: 1 1/2" = 1'-0"



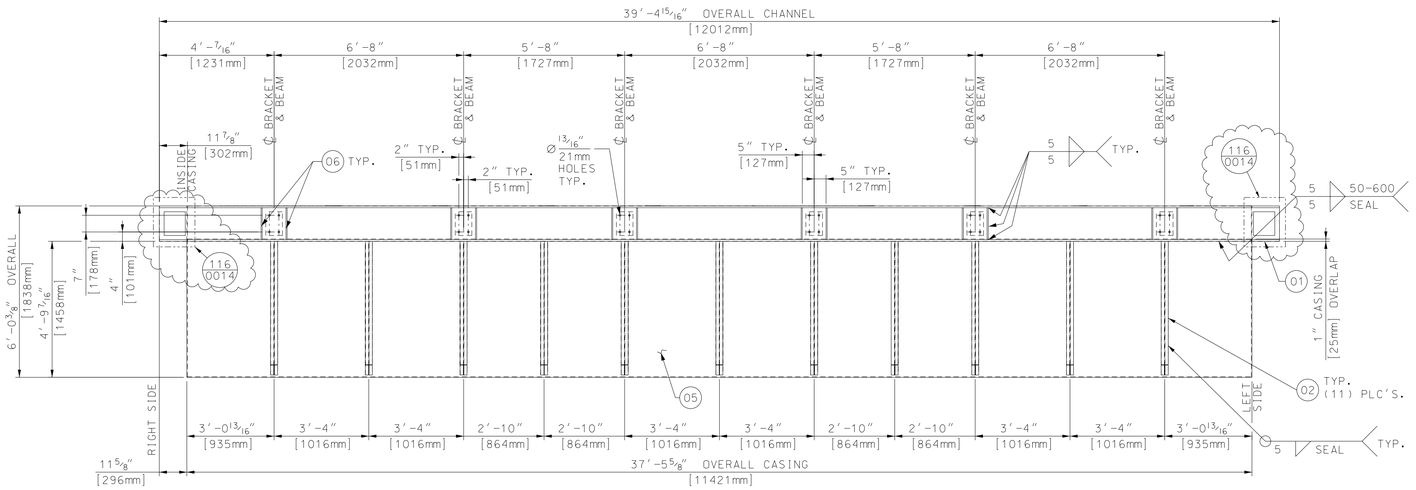
END VIEW
SCALE: 3/4" = 1'-0"



INSIDE VIEW
BAFFLE NOT SHOWN FOR CLARITY



TOP VIEW



OUTSIDE VIEW

BILL OF MATERIALS

PART NO.	QTY.	DESCRIPTION	MAT'L. SPEC.
01	40	LIN. FT. OF CHANNEL, C380x100x13x20	JIS G3101 SS400
02	52	LIN. FT. OF BEAM, H150x75x5x7	JIS G3101 SS400
05	197	SQ. FT. OF PLATE 1/4" (6mm) THK.	JIS G3101 SS400
06	22	SQ. FT. OF PLATE 1/2" (13mm) THK.	JIS G3101 SS400
12	75	SQ. FT. OF PLATE 3/16" (5mm) THK.	JIS G3101 SS400
13	250	SQ. FT. OF SHEET, 14 GA. (2mm) THK.	A-1011 CS
16	230	SQ. FT. OF INSULATION 2" THK. 8# DENSITY	SUPERWOOL PLUS
17	225	SQ. FT. OF INSULATION 1" THK. 8# DENSITY	SUPERWOOL PLUS
18	6	SQ. FT. OF 1/8" (3mm) THK. PAPER INSULATION	KAOWOOL 2600
26	24	WASHER 1/4" (6mm) THK. 2" SQ. x 1/8" I.D. HOLE	JIS G3101 SS400
27	24	HEAVY HEX HEAD BOLT 3/8" DIA. (M20) x 2 1/2" LG.	ISO 8.8
28	24	HEAVY HEX NUT 3/8" DIA. (M20)	ISO 8
29	24	WASHER 3/8" DIA. (M20)	ISO 8
30	6	HEAVY HEX HEAD BOLT 3/8" DIA. (M20) x 2" LG.	ISO 8.8
31	6	HEAVY HEX NUT 3/8" DIA. (M20)	ISO 8
32	12	WASHER 3/8" DIA. (M20)	ISO 8

PART NUMBERS ARE TO HAVE THE PREFIX OF "CC". FOR EXAMPLE. "30"(ASSY.) + "01" (PART NUMBER) WOULD BE "CC3001".

GENERAL NOTES:

1. ALL C.S. WELDING TO BE IN ACCORDANCE WITH LATEST STANDARDS OF AWS STANDARD D1.1 USING E70XX ELECTRODES.
2. SEAL WELD ALL STRUCTURAL MEMBERS TO CASING AND TO EACH OTHER GAS TIGHT.
3. ALL STEEL WORK SHALL COMPLY WITH THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL.
4. PROVIDE A 3/4" DIA. DRAIN HOLE IN STRUCTURALS WHERE NECESSARY TO ENSURE WATER DRAINAGE DURING SHIPMENT AND AFTER ERECTION.
5. ALL BOLT HOLES ARE TO BE PUNCHED OR DRILLED.
6. ALL INSULATION TO BE COMPRESSED APPROX. 1/8" PER 1" TO GIVEN THICKNESS.
7. SEE V17494-DWNC-0001 FOR "EQUIPMENT SPECIFICATION FOR SHOP FABRICATED INTERNALLY INSULATED DUCTWORK".
8. APPROXIMATE ASSEMBLY WEIGHT PER ASSEMBLY: 6833 LBS. (3098 KG.)
9. QUANTITIES SHOWN ARE FOR (1) ONE UNIT: (1)ONE UNIT REQUIRED FOR MIDDLETOWN PROJECT (1)ONE UNIT REQUIRED FOR KINGS MOUNTAIN PROJECT.
10. ALL WELD SIZES ARE SHOWN IN METRIC (mm).
11. ALL WELDS ARE P1-P1 UNLESS NOTED OTHERWISE.

REFERENCE DRAWINGS:

V17494-CCND-0014 - BASEMENT PANEL DETAILS BOX 1 THRU BOX 2 AND BOX 5
V17494-EBND-0102 - STANDARD FABRICATION TOLERANCES FOR ATTIC & BASEMENT PANEL ASS'Y.

Rev.	Description	Date	Drawn	Chkd. 1	Chkd. 2	Appr.
01	ADDED WELD ACCESS WINDOW PER CLIENT REQUEST	11-MAY-16	OR	REEVES		FRY
00	FIRST ISSUE	18-JAN-16	LTTS	DLN		DLN

Revisions

MIDDLETOWN ENERGY CENTER
and
KINGS MOUNTAIN ENERGY CENTER
for
NTE ENERGY and GEMMA POWER SYSTEMS
VOGT POWER PROJECTS V17494 & V17495

3rd ANGLE PROJECTION

Scale: 3/8" = 1'-0"

Title
BASEMENT PANEL ASSEMBLY
OUTLET BOX 5 (CC53)

Vogt Power International
13551 Triton Park Blvd
Suite 2000
Louisville, Ky. 40223 USA
www.VogtPower.com

Internal Drawing Status	Size	Drawing No.	Rev.
FOR RECORD	D	V17494-CCND-0013	01