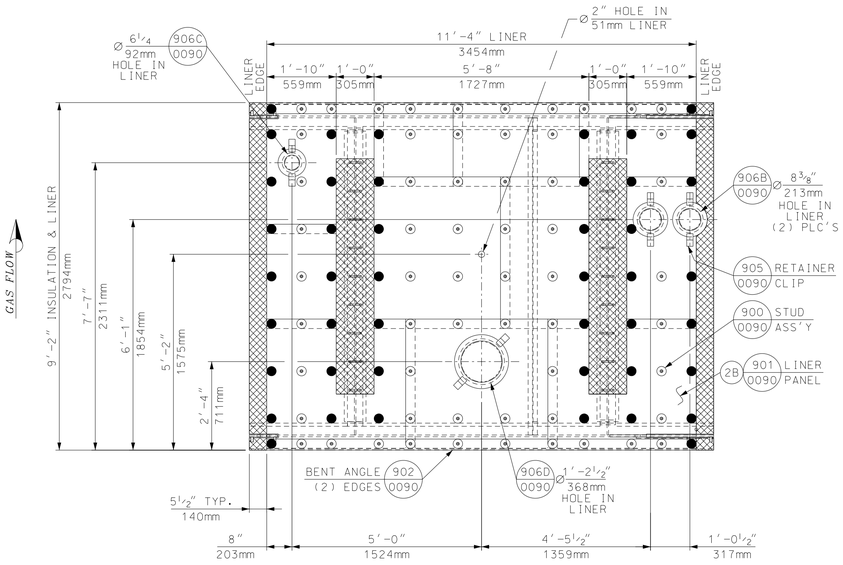
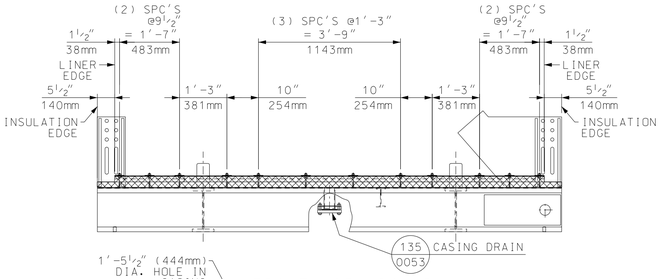
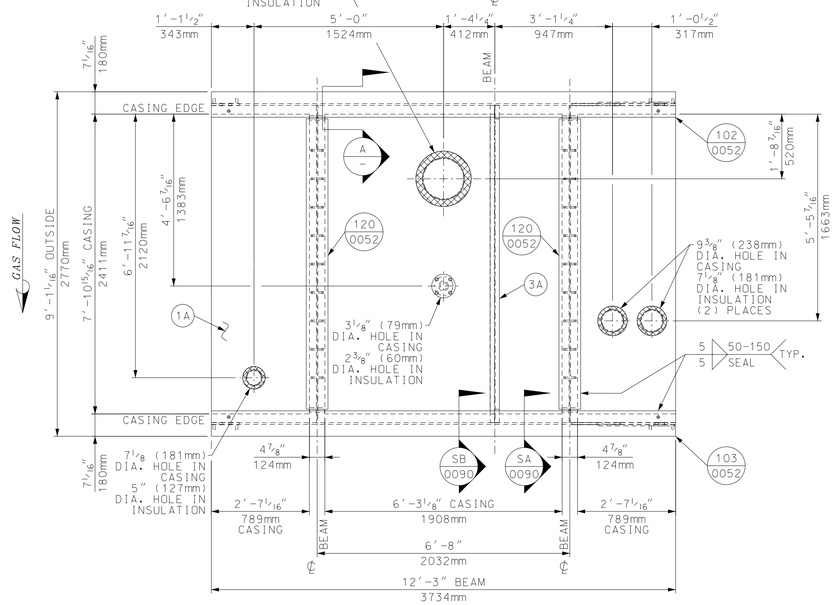


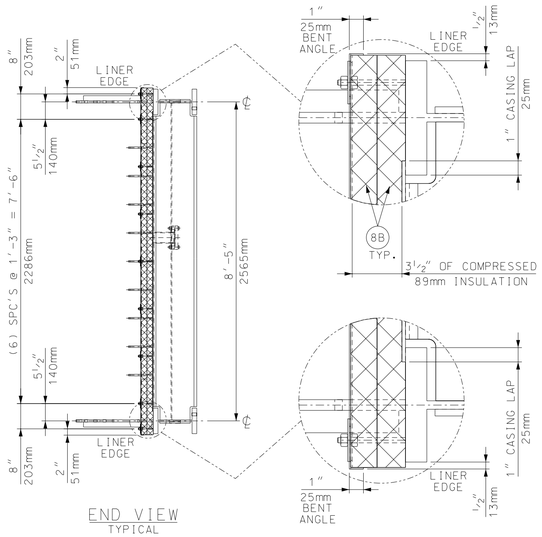
INSIDE VIEW BC40B



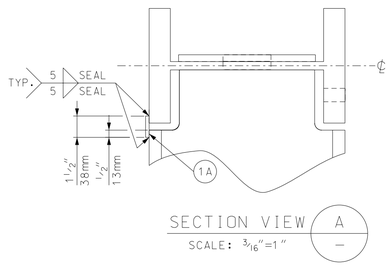
FRONT VIEW BC40B



BOTTOM VIEW BC40B



END VIEW
TYPICAL



SECTION VIEW A
SCALE: 3/16"=1"

BILL OF MATERIALS

PART NO.	QTY.	DESCRIPTION	MAT'L. SPEC.
1A	91	SQ. FT. OF PLATE, (6mm) THK	JIS G3101 SS400
2B	122	SQ. FT. OF SHEET, 12 GA (3mm) THK.	A-1011 CS
3A	9	LN. FT. OF BEAM, H150x75x5x7	JIS G3101 SS400
8B	216	SQ. FT. OF INSULATION, 2" THK. 8# DENSITY	SUPERWOOL PLUS

PART NUMBERS ARE TO HAVE THE PREFIX OF "BC". FOR EXAMPLE, "40B"(ASSEMBLY) + "1A" (PART NUMBER) WOULD BE "BC40B1A"

GENERAL NOTES:

1. SEE V17494-MANC-0001 FOR "EQUIPMENT SPECIFICATION FOR SHOP FABRICATED MODULE BOX ASSEMBLY FOR HEAT RECOVERY STREAM GENERATOR."
2. ALL STEEL WORK SHALL COMPLY WITH THE AMERICAN INSTITUTE OF STEEL FABRICATION (AISC) SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL.
3. PROVIDE ¾" (19mm) DIA. DRAIN HOLES IN STRUCTURALS WHERE NECESSARY TO ENSURE WATER DRAINAGE DURING SHIPMENT AND AFTER ERECTION.
4. ALL BOLT HOLES ARE TO BE PUNCHED OR DRILLED.
5. TRIM LINER & WASHERS WITH ¼" CLEARANCE AROUND BEAM LUGS AT TIME OF ASSEMBLY.
6. ALL WELDING TO BE DONE IN ACCORDANCE WITH AWS D1.1 STRUCTURAL WELDING CODE, CURRENT EDITION USING E70XX ELECTRODES. VENDOR IS RESPONSIBLE FOR THE WELD END PREPARATION OF ALL FIELD WELDS.
7. SEAL WELD ALL STRUCTURALS TO CASING AND OTHER STRUCTURALS. PRESSURE CASING TO BE SEAL WELDED GAS TIGHT.
8. ALL WELDS TO BE P1-P1 UNLESS NOTED OTHERWISE.
9. ALL INSULATION TO BE COMPRESSED APPROX. ⅛" PER 1" TO GIVEN THICKNESS.
10. ● DENOTES STUDS TO HAVE WASHER AND NUT FINGER TIGHT ONLY. DO NOT TACK WELD UNTIL AFTER FIELD LINERS AND CONNECTIONS ARE MADE IN THE FIELD.
11. TOTAL APPROX. WEIGHT:
    BC40B: 6,082 lbs. / 2,758 kg.
    WEIGHT MAY BE GREATER IF INSULATION IS WET.
12. QUANTITIES SHOWN ARE FOR ONE (1) UNIT:
    -(1) ONE UNIT REQUIRED FOR MIDDLETOWN PROJECT.
    -(1) ONE UNIT REQUIRED FOR KING MOUNTAIN PROJECT.
13. IMPERIAL DIMENSIONS TAKE PRECEDENCE OVER METRIC. METRIC DIMENSIONS ARE TO BE VERIFIED TO THE IMPERIAL BEFORE USE.

REFERENCE DRAWINGS:

V17494-BCND-0040 - BOTTOM CASING BOX 4 (BC40B & BC40C)
V17494-BCND-0052 & 0053 - BOTTOM CASING BOX 3 THRU 5 DETAILS
V17494-BCND-0090 - STANDARD CASING & LINER DETAILS
V17494-EBND-0103 - STANDARD FABRICATION TOLERANCES FOR TOP AND BOTTOM CASINGS

Rev.	Description	Date	Drawn	Chkd. 1	Chkd. 2	Appr.
00	FIRST ISSUE	19-NOV-15	TA	JONES	-	FRY

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: ½" = 1'-0"

Title
BOTTOM CASING
BOX4
BC40B

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-BCND-0041	00