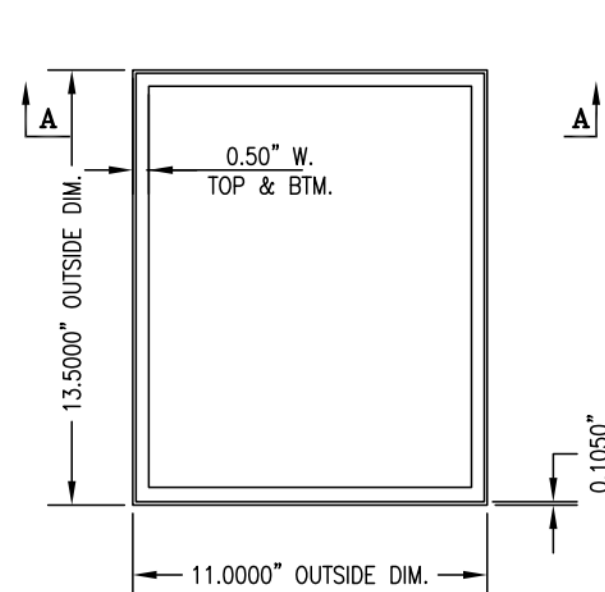
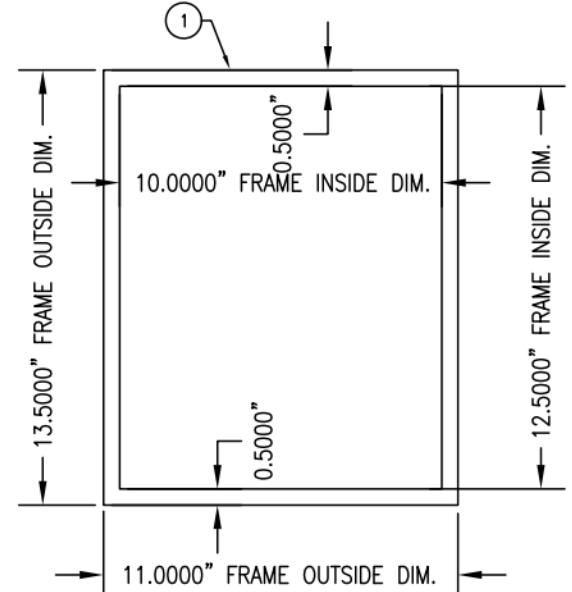


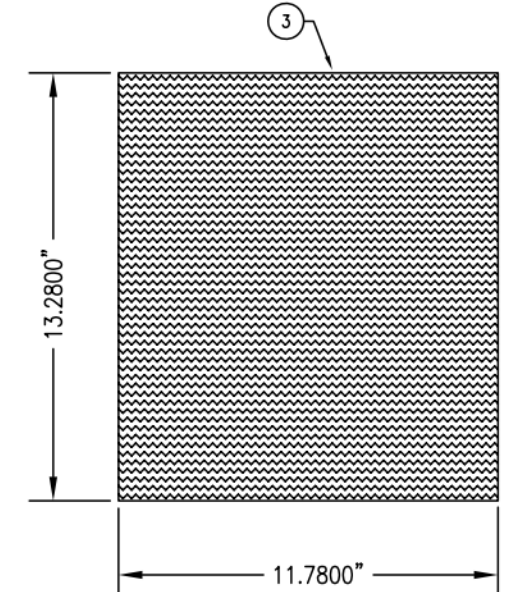
BILL OF MATERIALS:		
ITEM QTY.	DESCRIPTION:	MATERIAL
(1) 16	PL. 11 GA. X 10.0" W X 12.5" H INSIDE DIM. (CATALYST FLANGE) SEE DETAIL.	SA-240 304
(2) 16	PL. 11 GA. X 1.72" HT. X SHOP" LG. (CATALYST FRAME) SEE DETAIL.	SA-240 304
(3) 16	CATALYST ELEMENT 230 CPSI X 10.78" W X 13.78" H	DIESEL FOIL



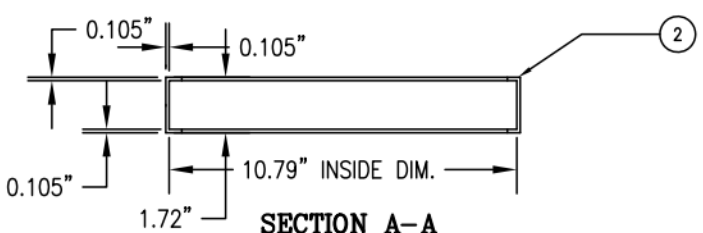
CATALYST PLAN VIEW



CATALYST TOP & BTM. FLANGE



CATALYST ELEMENT 230 CPSI (7 LBS)
11.78" X 13.28" X 1.50" DEPTH



SECTION A-A

VPI PURCHASE ORDER NUMBER/PROJECT NUMBER: V0009461/V17494 MIDDLETOWN
VPI PURCHASE ORDER NUMBER/PROJECT NUMBER: TBD/V17495-KINGS MOUNTAIN

MEC/KMEC
CO Catalyst-Oxidation Test Element

VOGT POWER INTERNATIONAL
V17494-CVXD-5004-01
29-Jan-2016

VOGT POWER INTERNATIONAL
Released, Work May Proceed
Bell, Milton Feb-16-2016

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH
MAY BE HELD CONFIDENTIAL AND MAY NOT BE REPRODUCED
OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT
OF SYNERGY OR A DULY AUTHORIZED REPRESENTATIVE
THEREOF.

INTERPRET DWG PER ANSI Y14.5

DWG. IN INCHES BASED ON 8 1/2"

UNLESS OTHERWISE SPECIFIED TOLERANCES

FRACTIONS 2 PL. DEC 3 PL. DEC ANGLES 1/8" MAX

1/32 0.01 0.001 0.5

BREAK ALL SHARP EDGES

FILLET RADI .03 MAX

THIRD ANGLE PROJECTION

PD NO: V17494-V0009461

SYSTEM TAG NO:

DRAFTER J. WHITEHORN DATE 10-26-15

ENGINEER J. WHITEHORN DATE 10-26-15

CHECKER T. SUNDELAND DATE 10-26-15

PRODUCTION F. RINALDI DATE 10-26-15

QA B. ROBBENOLT DATE 10-26-15

APPROVED DATE

ISSUED - FOR CUSTOMER REVIEW

ORIGINAL ISSUE - FOR CUSTOMER REVIEW

REV. DATE DESCRIPTION ENGR CHD PRD QA APPD

FILE NUMBER: V17494 V17495 CO CATALYST TEST ELEMENT GA-04

VPI DUKE MIDDLETOWN / KINGS MOUNTAIN PROJECTS

CO OXIDATION CATALYST SYSTEM

OXIDATION CATALYST TEST ELEMENT

SIZE: E DRAWING NUMBER: V17494 V17495-CO-TE-GA-04 REV: B

SCALE: AS NOTED SHEET 1 OF 1