Designed constructed and stamped in accordance with 2010 ASME Code and latest Addendum.

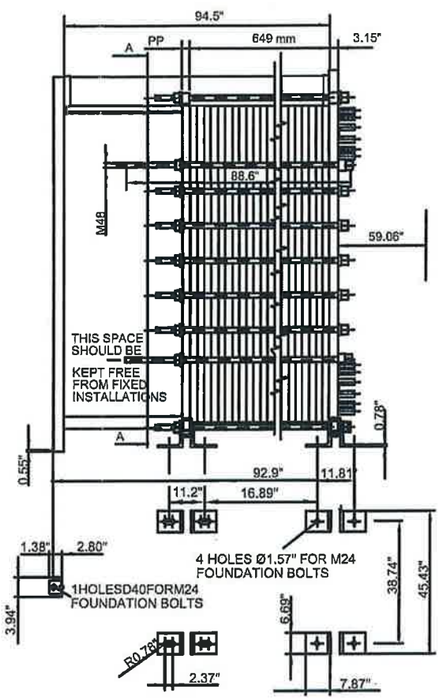
This is a general drawing. Additional parts, if required, like protection sheets, inspection covers, etc. are not displayed.

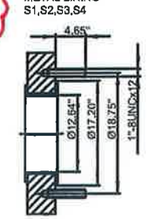
PRESSURE PLATE

(MOVABLE)

SECTION A-A

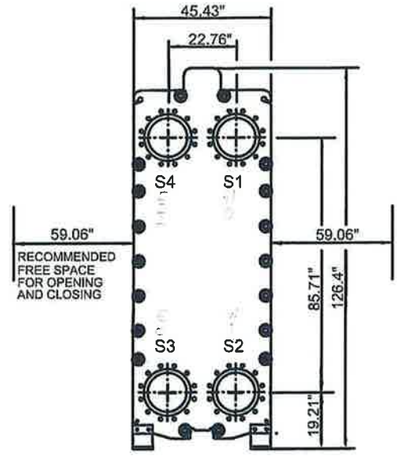
PP = 2.56"





FRAME PLATE

(FIXED)



TOTAL LENGTH	110.4"
TOTAL WIDTH	45.4"
TOTAL HEIGHT	126.4"

ALL DIMENSIONS IN INCHES

SIDE	MEDIA	INLET	TEMP.	OUTLET	TEMP.	FLOW RATE	PRESSURE DROP	LIQUID VOL.
1	Ethanol	S4	197.4 °F	S3	195.2 °F	53000 lb/h	0.9960 psi	31 ft³
2	Water	S2	165.0 °F	S1	195.5 °F	125000 lb/h	0.07952 psi	13.6 ft³

REMARKS:

	SIDE 1	SIDE 2
DESIGN PRESSURE	100 psi	100 psi
TEST PRESSURE	130 psi	130 psi
MAX TEMPERATURE	250 °F	250 °F
MIN TEMPERATURE	32 °F	32 °F
MAWP	100 psi	100 psi
MDMT	-20 °F	

GASKET	NBRP CLIP-ONSSM
PLATE MATERIAL	ALLOY 316
PLATE THICKNESS	0.80 mm
HEATING SURFACE	1600 ft²
PLATE GROUPING	1*39A11/1*39B05
WEIGHT WITH WATER	14558 lb
NETWEIGHT	11840 lb

07-26-2011 REV

NBRP GLUED

SUPPLIER	
REF.	45351-20
ITEM NO.	E-4306
AGENT / REF.	/ 776934
CUSTOMER NAME / REF. NO.	Bunge Corporation / 3017316-02
SIGN.	PSS
RISK CATEGORY	N/A

PLATE HEAT EXCHANGER

WideGap350S-FG

ASME

SERIAL NUMBER	30113-90891
DATE	2011-07-18
REV NO.	0

APPROVED

APPROVED AS NOTED

NOT APPROVED

DEPT		INITIALS	DATE
SITE OFFICE			
PROC.			
MECH.	X	EC	7/22/2011
PIPING	X	AB	7/21/11
STRUC.	X	JVB	7/21/11
ELEC.			
INSTR.	X	Mat	7/21/11

DOCUMENTS ARE REVIEWED FOR GENERAL COMPLIANCE WITH RESPECT TO BID SPECIFICATIONS AND AMG INC. IS NOT RESPONSIBLE FOR THE DESIGN INTEGRITY OF THIS SUBMITTAL.

REV 07-26-2011