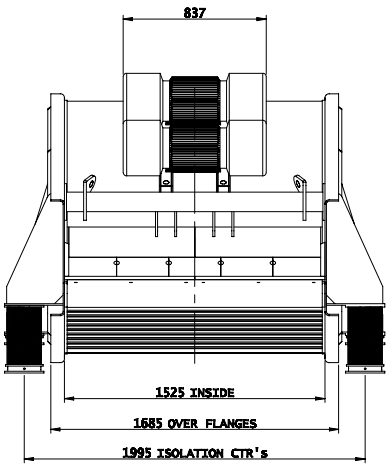
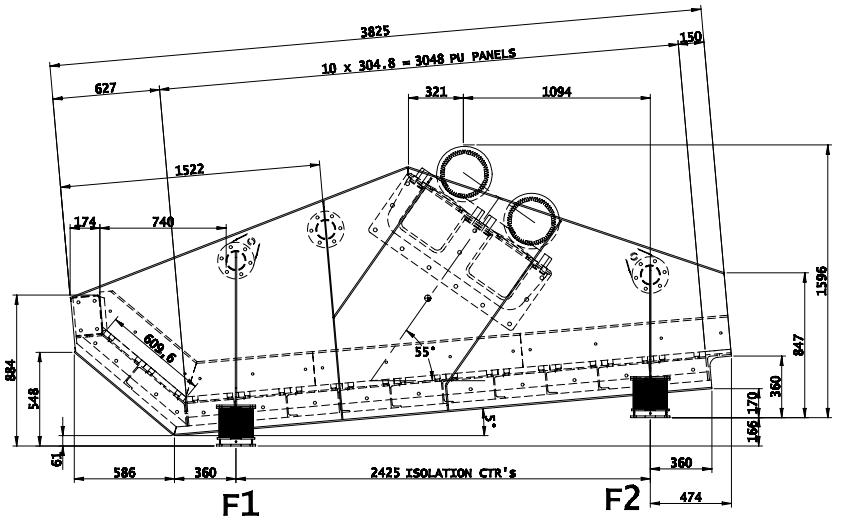
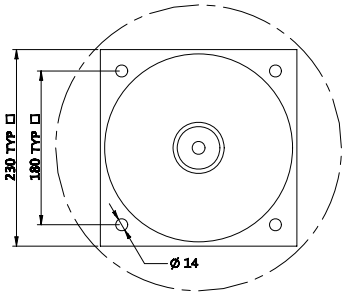




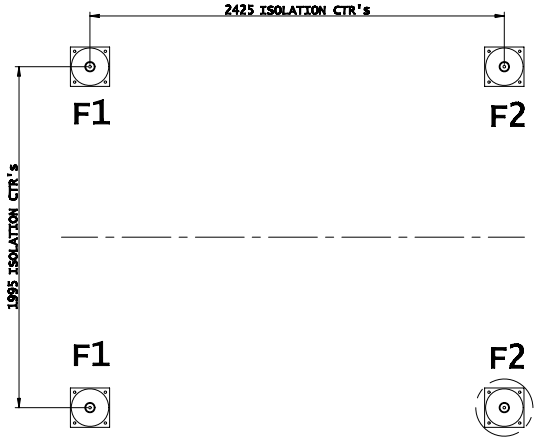
DATE	PROJECT	CUSTOMER
20/06/2008		HOTAZEL- WESSELS MINE

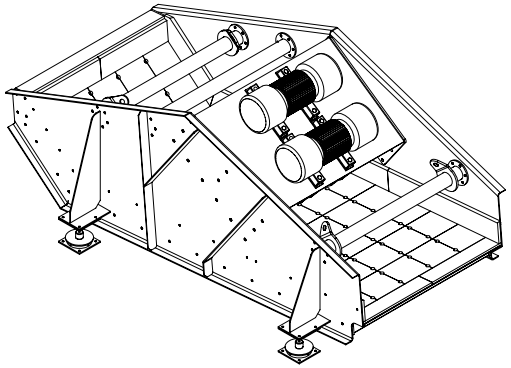
SPECIFICATION:

1.) TOTAL VIBRATING SCREEN MASS: 2720 KG
2.) DRIVE ANGLE ALPHA: 55°
3.) SCREEN ANGLE BETA: -5° INCLINE
4.) STROKE: 8.1 mm
5.) ISOLATION: 4 €200x60x180 RUBBER BUFFERS
6.) ALLOW 80mm OPERATING CLEARANCE
7.) ALLOW 140mm LIFTING CLEARANCE FOR BUFFER CHANGE
8.) OPERATING SPEED: 1000 RPM
9.) LINERS: 25TH POLYURETHANE
10.)SCREEN MEDIA:
305x305x30TH,0.5 X 8.8 SLOT
11.)DRIVE: 2 OFF JV246-1100, 3kW VIBRATOR MOTORS
12.)ISOLATION POINTS TO BE LEVEL TO ± 2mm



DETAIL A





GENERAL ARRANGEMENT
SUW 1525 x 3050- 3660
JV 246-1100 VIBRATOR MOTORS

REVISION		
0	RH	20/06/2008

CHECKED
APPROVED
PRELIMINARY - ISSUED FOR TENDER PURPOSES ONLY

INFORMATION ONLY

REFERENCE	DRAWING NUMBER	DESCRIPTION
	SAS 3790- 81 (GA)	DRA- ASSMANG BKM, JN:2766

Considering the natural frequency of the supporting structure, the vibrations caused by dynamic loads can be determined.

It is not sufficient to base the calculation of supporting structure, platforms and foundation on static loads only.

Select permissible vibration data in accordance with DIN 4180 (PROVISIONAL).

JOEST is not responsible for any vibrations, neither mechanical nor air, transmitted to other equipment and structure.

MINIMUM DISTANCE TO STATIONARY PARTS 80MM
TRAVERSE TO CONVEYING DIRECTION MINIMUM 80MM

OPERATING FREQUENCY ±16.7 Hz

OPERATING LOADS PER ISOLATION POINT EXCLUDING MATERIAL LOAD

		STAT (N)	DYN (N)
F1	VERT	7310 N	±2550 N
	HORIZ		±370 N
F2	VERT	6300 N	±2550 N
	HORIZ		±370 N

DRN W HOWROYD
DATE 06/04/2006
CHECKED
APPROVED
PROJN
SCALE 1:15
SHEET SIZE A1
SHEET 1 OF 1

JOEST (PTY) LIMITED
Reg in Namibia
18 Belgrade Ave. Aeroport 1620 Tel: +27 11 928 6000
P.O. Box 3089 Kempton Park 1620 Fax: +27 11 928 6001

SAS 4990-81 REV A

DRAWING CREATED USING SOLID EDGE

0 10 20 30 40 60 100 160