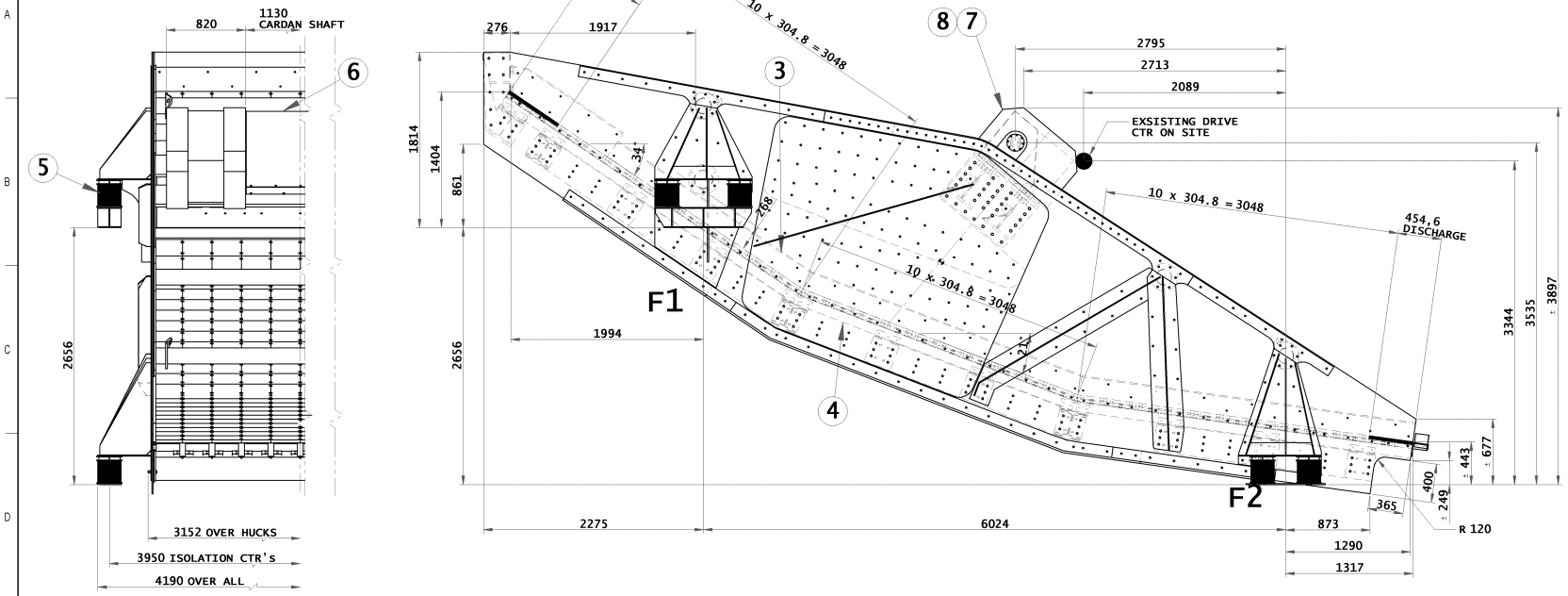
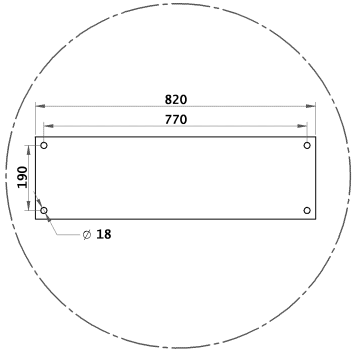
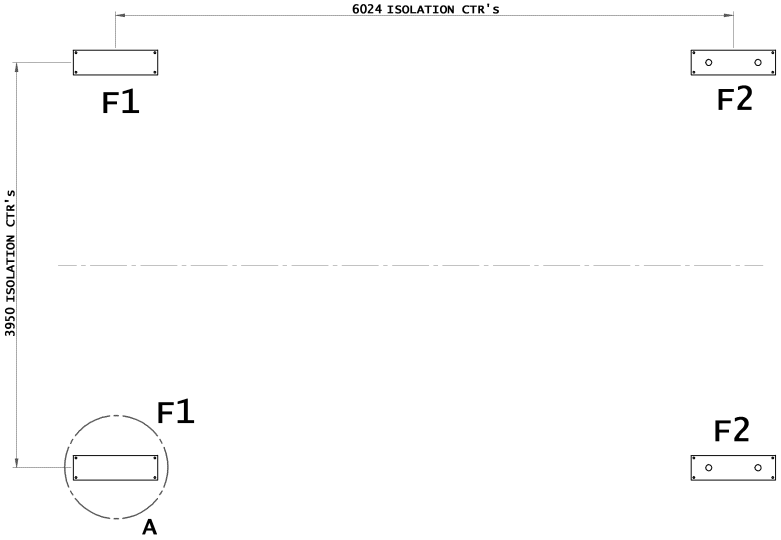
DATE	PROJECT	CUSTOMER
10/09/2003		VENETIA MINE





DETAIL A

DETAIL TYPICAL TO F1 & F2



SPECIFICATION:

1.) TOTAL VIBRATING SCREEN MASS: 17000 KG
2.) DRIVE ANGLE ALPHA: 50°
3.) SCREEN ANGLE : 34°-8°
4.) STROKE: 10.71 mm
5.) ISOLATION: 8 ¢240x60x250 RUBBER BUFFERS
6.) ALLOW 80mm OPERATING CLEARANCE
7.) ALLOW 140mm LIFTING CLEARANCE FOR BUFFER CHANGE
8.) OPERATING SPEED: 800 RPM
9.) LINERS: 20TH POLYURETHANE
10.)DRIVE: USE CURRENT DRIVE ASSEMBLY ON SITE
11.)ISOLATION POINTS TO BE LEVEL TO ± 2mm

ITEM	REQ'D	DESCRIPTION
8	2 SETS	EXCITER STUD ASSEMBLIES
7	2	JR 608 EXCITERS
6	1	CENTER CARDAN SHAFT 1130 LG
5	8	ISOLATION - ¢240x60x250 RUBBER BUFFERS
4	1 SET	RUNNERS
3	1 SET	SIDE LINERS - 20TH POLYURETHANE
2	1	TRAVERSE
1	1	SCREEN BODY

EQUIPMENT LIST

GENERAL ARRANGEMENT
SREN 3050 x 9150-10065
2 JR 608 EXCITERS

REVISION A	WH	08/04/2003
CHECKED		
APPROVED		
PRELIMINARY - ISSUED FOR REVIEW		
REVISION B	WH	28/09/2003
CHECKED		
APPROVED		
DESIGN CHANGES ISSUED FOR REVIEW		
REVISION C	WH	07/01/2004
CHECKED		
APPROVED		
RUBBER BUFFERS CHANGED DYNAMIC LOADS REVISED ISSUED AS BUILT		

INFORMATION ONLY

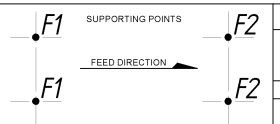
REFERENCE	DRAWING NUMBER	DESCRIPTION

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 4150 (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 50MM

OPERATING FREQUENCY ±13.8 Hz

OPERATING LOADS PER ISOLATION POINT EXCLUDING MATERIAL LOAD

		STAT (N)	DYN (N)
F1	VERT	50310 N	±7880 N
	HORIZ		±1330 N
F2	VERT	34700 N	±7880 N
	HORIZ		±1330 N

DRN W HOWROYD
DATE 10/09/2003
CHECKED
APPROVED
PROJN
SCALE 1:25
SHEET SIZE A1
SHEET 1 OF 1

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Fax: +27 11 923 9001

SAS 2352-81 REV C

DRAWING CREATED USING SOLID EDGE