MECHANICAL SUPPORT DEPARTMENT
ENGINEERING NOTE

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TITLE: Vacuum Window and Related Systems Design Note and Analysis

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ABSTRACT/SUMMARY:

This document is a compilation of several engineering design notes prepared by the various authors listed above. These engineering design notes were prepared during the design of the 71 inch diameter Kevlar sailcloth / mylar vacuum window for KTeV (E799II and E832) and the related components. This compilation has been assembled to succinctly demonstrate the design of the thin vacuum window conforms to the required standards, such as FESHM 5033, as stated in the KTeV Hazard Assessment Document dated 13 April 1994. Additionally, this compilation includes applicable sections of FESHM 5033 and the documents referenced therein so that all relevant information is contained herein.

TABLE OF CONTENTS:

Section	Description	Page
	Cover Page / Abstract / Summary	i
	Executive Summary	v to x
1.0	Engineering Note on the Vacuum Window Design and the Vacuum Window Test Fixture by Andrew Szymulanski	1 to 51
2.0	Finite Element Analysis on the Vacuum Window by Ang Lee (EAR #43)	1 to 10
3.0	Kevlar Material Testing	
	3.1 Analysis of Tensile Test Data by Jim Kilmer	1 to 3
	3.2 Kevlar Window Tensile Tests by Fred Renken	1 to 37
	3.3 Kevlar Window Tests Part II by Fred Renken	1 to 17
4.0	Failure Analysis for the 1.8 m Vacuum Window (EAR #121) by Ang Lee	1 to 19
5.0	KTeV 1.8 meter Vacuum Window Testing Procedure for vacuum and Hydrostatic Tests and Test Results by Andrew Szymulanski	
	5.1 Part A - 1.8 m Vacuum Window Testing Procedure for Vacuum and Hydrostatic Tests	2 to 54
	5.2 Part B - Vacuum and Hydrostatic Tests and Tests Documentation Data	56 to 76
	5.3 Part C - 1.8 m Vacuum Window Vacuum Puncture Tests	78 to 81
6.0	Vacuum Window Long Term Creep Test	
	6.1 Analysis of the KTeV Window Creep Test by Jim Kilmer	1 to 6
	6.2 KTeV 1.8 m Vacuum Window Overview of Test Procedure [for the Long Term Creep Tests] by Ron Currier and Andrew Szymulanski	7 to 11
	6.3 Pressure Testing Permit and approval letters for the Long Term Creep Tests	12 to 14
7.0	Vacuum Window Safety Barrier	
	7.1 Results of Technical Review of the KTeVVacuum Window Safety Barrier	1 to 4
	7.2 Requests for the Technical Review of the KTeVVacuum Window Safety Barrier	5 to 8
	7.3 Engineering Note for the Vacuum Window Safety Barrier by Rafael Silva	9 to 89
	7.4 Engineering Policy Request to the KTeV Mechanical Safety Committee for determining the operational parameters for the use of the Vacuum Window Safety Shield	90

8.0 Hazard Assessment of the Effect of a Vacuum Window Failure on the Building and Adjacent Detector Components by Zhijing Tang and Dave Pushka .....

8.1 Summary of Vacuum Vessel Volumes and Weights ..... 1 & 1a

8.2 Calculated Building Pressure Drop and Wall & Roof Loading 2

8.3 Loading Due Window Failure on the Vacuum Vessels and the Supporting Legs of the Upstream Vacuum Decay Vessels ..... 3 & 4

8.4 Loading Due Window Failure on the Spectrometer Anti (SA2) Detector (located approximately 20 feet downstream of the vacuum window) ..... 5 to 10

8.5 Stress on the Spectrometer Anti (SA2) Detector due to loads calculated 11

8.6 Comparison of Vacuum Veto Test Table and Full Vacuum system during Window Failure 12

8.7 Calculation of the Stored Energy in the Vacuum System 13

8.8 Free Body Diagram of System at $t = 0^+$ 14

Appendices

Plan and Elevation Drawings of the Experiment Drawing 3832.200-ME-267074 Sheets 1,2, & 3 Revison A: .....Appendix 1
FESHM chapter 5033-TA .....Appendix 2
Mechanical Safety Subcommittee Guidelines for the Design of Thin Windows at Fermilab TM-1380 (SCN 0121.585).....Appendix 3
Miscellaneous Correspondences with the KTeV ES&H/QA Safety Review Committee (or it predecessor) .....Appendix 4
KTeV 1.8 m Vacuum Window Assembly Procedure Window Assembly Procedure by Patrick Richards .....Appendix 5
KTeV Safety Assessment Document .....Appendix 6
Design of Large Aperture, Low Mass Vacuum Windows.....Appendix 7
KTeV ES&H/QA Review Committee Charter .....Appendix 8
KTeV 1.8 meter Diameter Vacumm Window Drawings:.....Appendix 9
- 1.8 Meter Window Assembly 9220.832.MD-285394
- Vacuum Window Upstream Flange 9220.832.MD-285389
- Vacuum Window Upstream Flange 9220.832.MD-285390
- Vessel Assembly 9220.832.MD-285391
- Test Vessel 9220.832.MD-285386
- Vacuum Vessel Flange.....9220.832.MD-285387
- Flange Bolt Plug.....9220.832.MB-327687

Assembly Drawing for the Vacuum Window Safety Barrier Drawing 3832.111-MD-268235.....Appendix 10
KTeV 1.8 meter Diameter Vacumm Window Kevlar Fabric Test Drawings: .....Appendix 11
- Clamping Device.....9220.832.ME-285684
- Kevlar Sample Template.....9220.832.ME-285674

KTeV 1.8 meter Diameter Vacumm Window Puncture Test Drawings: .....Appendix 12
- Puncture Fixture ..... Sketch 1
- Bolt Pattern ..... Sketch 2