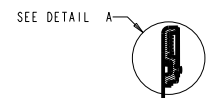
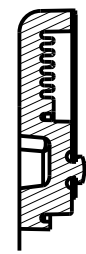


(HIDDEN LINES SUPPRESSED)



SECTION A-A
(HIDDEN LINES SUPPRESSED)



DETAIL A
SCALE 3.000
(HIDDEN LINES SUPPRESSED)

HEAT STAKE (5 PLACES)
SEE NOTES 1, 2 & 3

BILL OF MATERIALS				
INDEX	COMPONENT NAME	TYPE	QTY	NOTES
1	FD_4_RACE_BOT_STAKED	PART	1	
2	FIBER_TAB	PART	5	

TOLERANCES	ORIGINATOR	T. Chose	13-Jun-11
.X ±0.1	DRAWN BY	T. Chose	13-Jun-11
.XX ±0.01	CHECKED		
.XXX ±0.001	APPROVED		

ANGLES ±0.5 USED ON: For Detector Manifolds

NOvA Experiment (Fermilab E929)

University of Minnesota

Bottom Raceway Assembly

Model Type: ASSEM	Model File Name: FD_4_RACE_BOT	Drawing File Name: FD_4_RACE_BOT_ASM
Scale: 0.800:1	Drawing Number:	Revision: 1 of 1

Finish All dimensions are in mm unless specified otherwise

NOTES	
1	MAX ALLOWABLE HEAT STAKE BUTTON DIAMETER: 4 MM
2	MAX ALLOWABLE HEAT STAKE BUTTON HEIGHT OVER FIBER TAB: 3 MM
3	HEAT STAKED FIBER TABS SHOULD BE ROTATABLE WITH SOME RESISTANCE