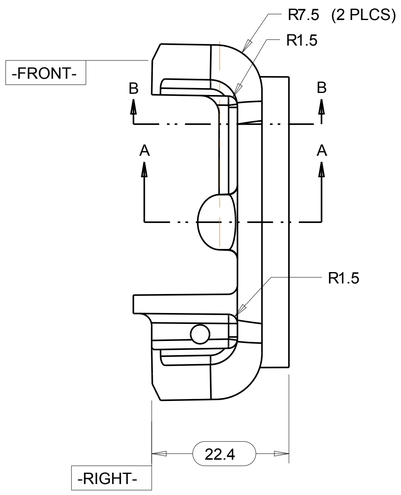
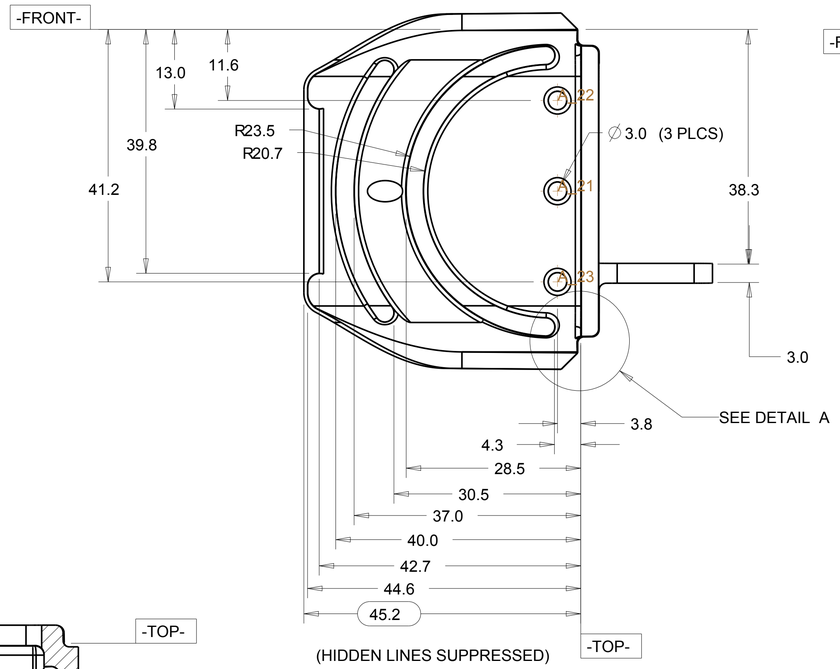
REV	DESCRIPTION	DATE



(HIDDEN LINES SUPPRESSED)



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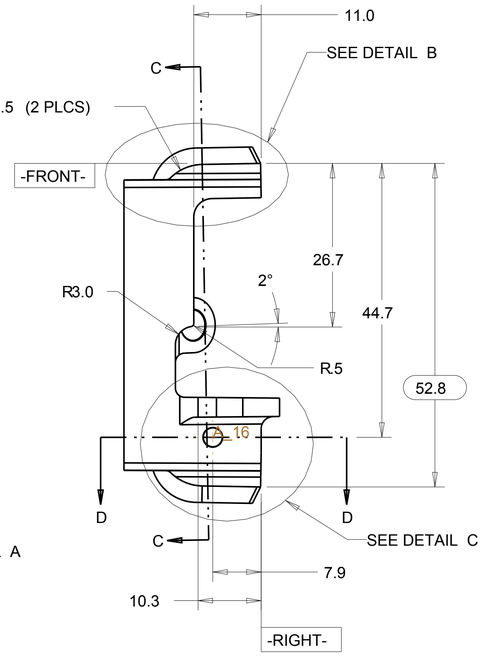

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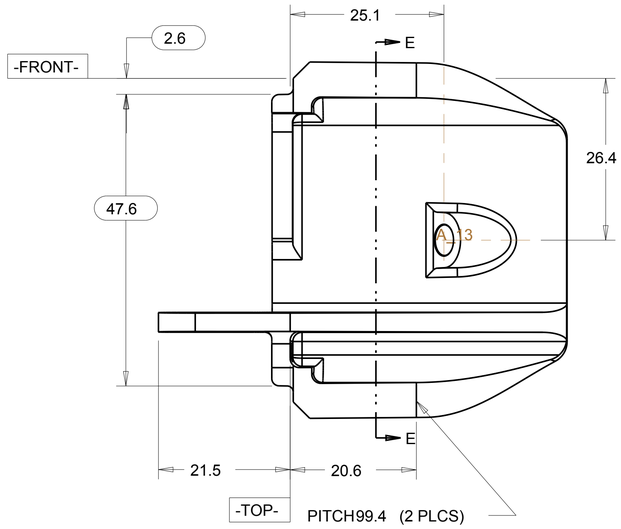

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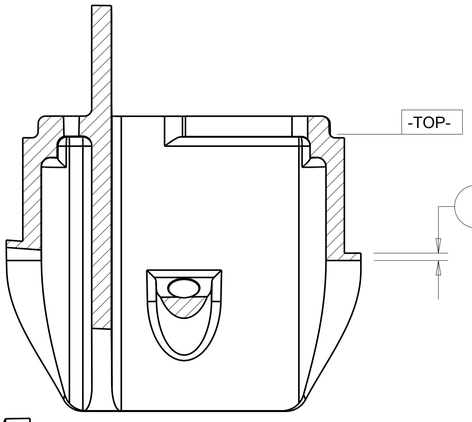
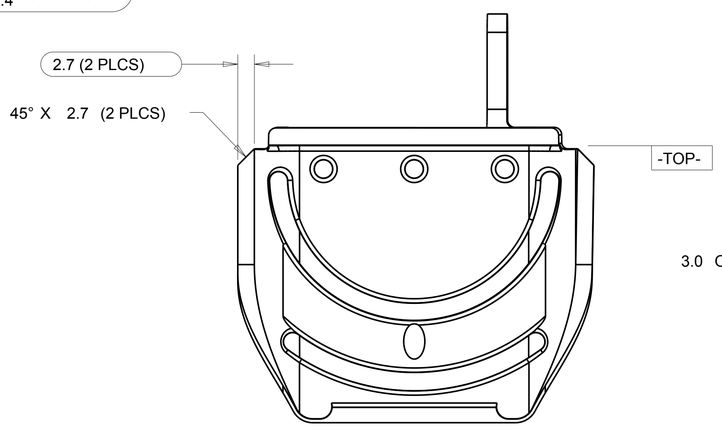


SECTION C-C
(HIDDEN LINES SUPPRESSED)



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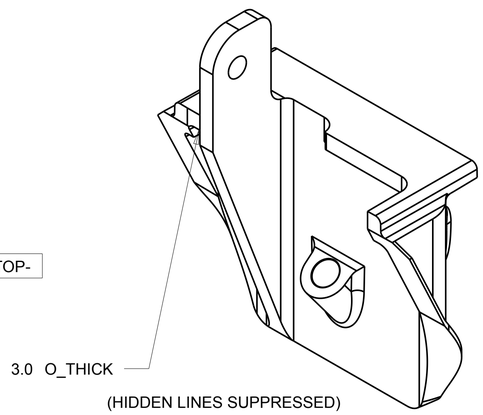

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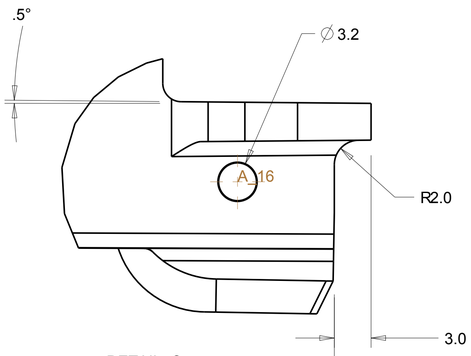
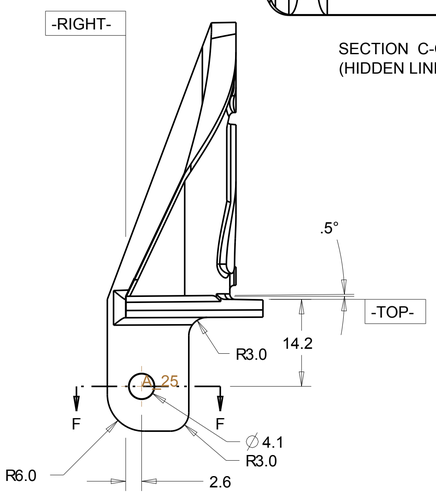


DETAIL C
SCALE 4.000

(HIDDEN LINES SUPPRESSED)



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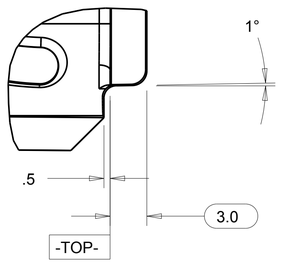
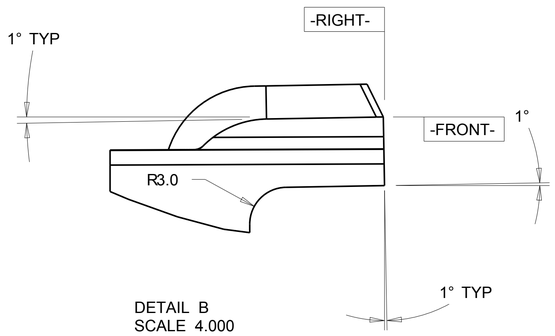
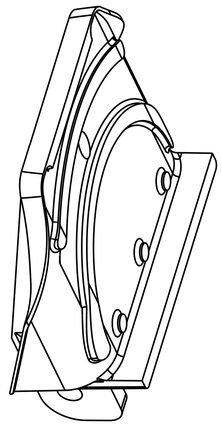


DETAIL A
SCALE 4.000

(HIDDEN LINES SUPPRESSED)



DETAIL B
SCALE 4.000
(HIDDEN LINES SUPPRESSED)



(HIDDEN LINES SUPPRESSED)

NOTES	
1	MATERIAL: TYPE I RIGID PVC, GEON M3800, BLACK
2	DO NOT USE MOLD RELEASE
3	MATERIAL REGRIND NOT TO EXCEED SUPPLIER RECOMMENDATIONS
4	PART VOLUME: 12.3 CC (.75 IN^3)
5	QUANTITY: 12,500 (14 KT DETECTOR)

TOLERANCES		ORIGINATOR	T. Chase	06-Jul-07
.X	± 0.1	DRAWN BY	T. Chase	06-Jul-07
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: NOvA far detector module manifolds		

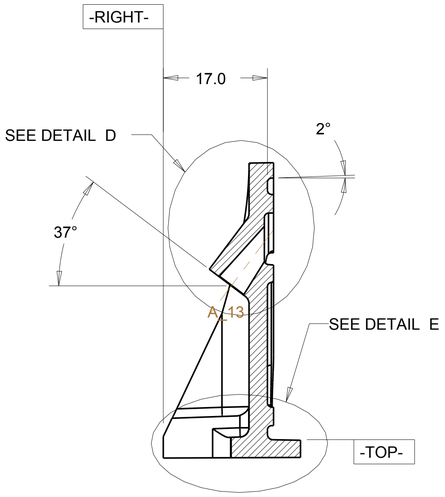
NOvA Experiment (Fermilab E929)

University of Minnesota

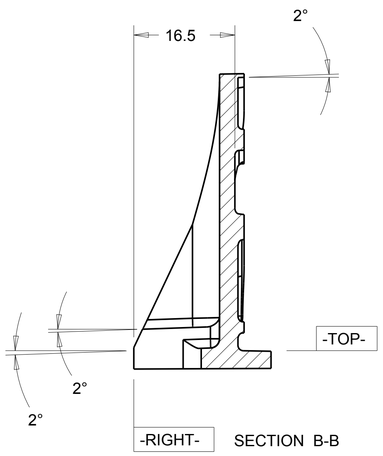
Manifold Side Seal, Right, Vertical

Finish	Model Type: PART	Model File Name: FD_MANIF_SIDE_SEAL_RT_VERT	Drawing File Name: FD_MANIF_SIDE_SEAL_RT_VERT
	Scale 2.000 :1	Drawing Number	Revision / Sheet 1 of 2
	All dimensions are in mm unless specified otherwise		

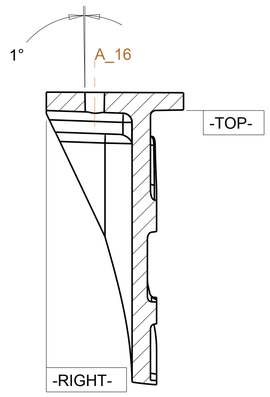
REV	DESCRIPTION	DATE



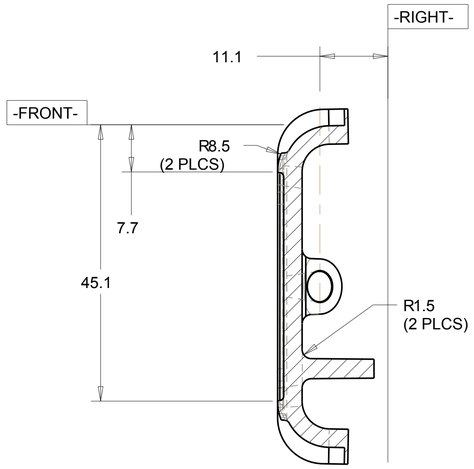
SECTION A-A
(HIDDEN LINES SUPPRESSED)



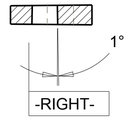
SECTION B-B
(HIDDEN LINES SUPPRESSED)



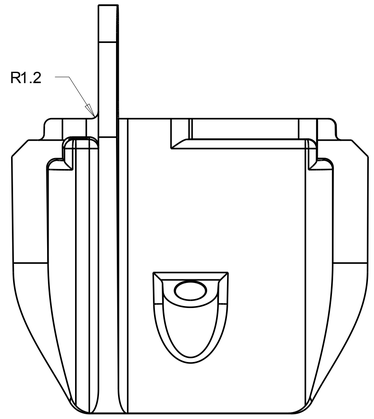
SECTION D-D
(HIDDEN LINES SUPPRESSED)



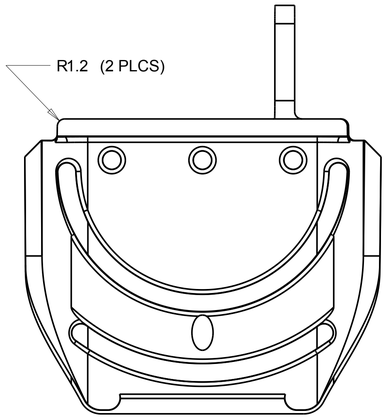
SECTION E-E
(HIDDEN LINES SUPPRESSED)



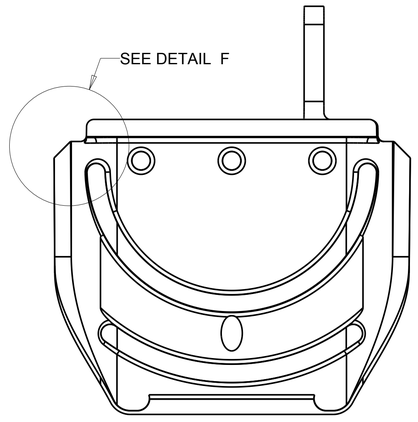
SECTION F-F
(HIDDEN LINES SUPPRESSED)



(HIDDEN LINES SUPPRESSED)



(HIDDEN LINES SUPPRESSED)



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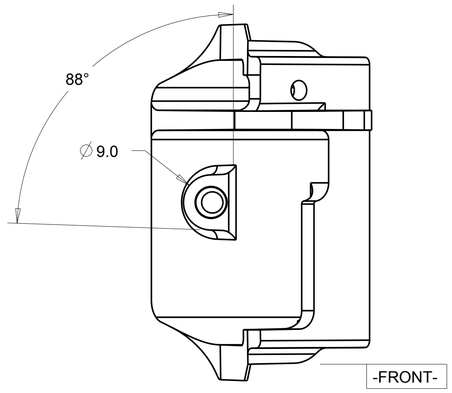

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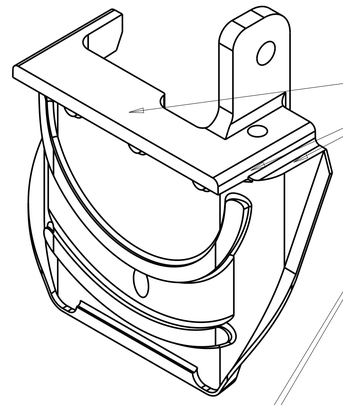

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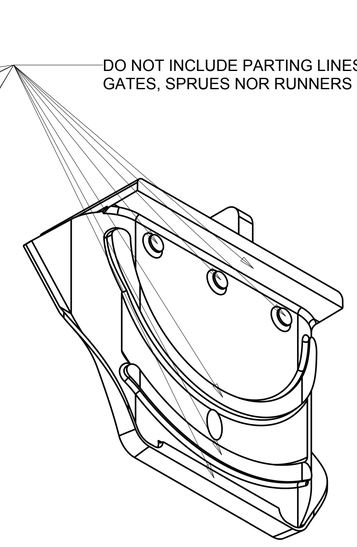

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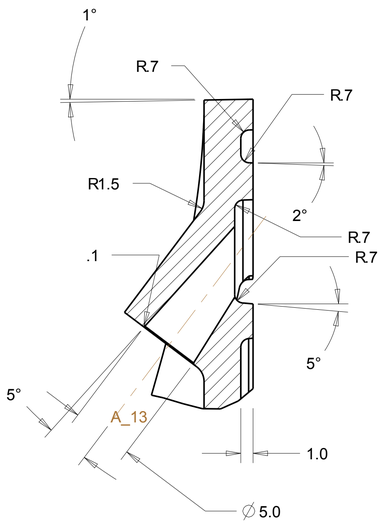
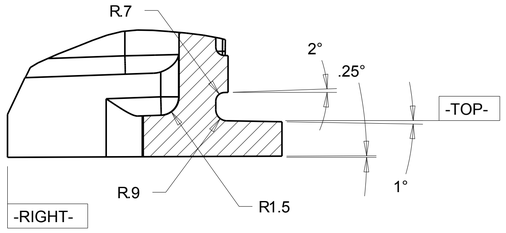
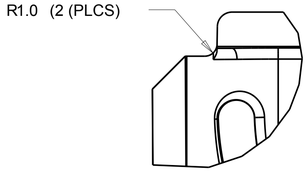


DETAIL D
SCALE 4.000
(HIDDEN LINES SUPPRESSED)



DETAIL E
SCALE 4.000
(HIDDEN LINES SUPPRESSED)



DETAIL F
SCALE 4.000
(HIDDEN LINES SUPPRESSED)

DO NOT INCLUDE PARTING LINES, EJECTOR PINS, GATES, SPRUES NOR RUNNERS ON THESE SURFACES

TOLERANCES		ORIGINATOR	T. Chase	09-Jul-07
.X	± 0.1	DRAWN BY	T. Chase	09-Jul-07
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: NOvA far detector module manifolds		

NOvA Experiment (Fermilab E929)

University of Minnesota

Manifold Side Seal, Right, Vertical

Model Type:	Model File Name:	Drawing File Name:	
PART	FD_MANIF_SIDE_SEAL_RT_VERT	FD_MANIF_SIDE_SEAL_RT_VERT	
Scale	Drawing Number	Revision	Sheet
2.000 :1			2 of 2
Finish	All dimensions are in mm unless specified otherwise		