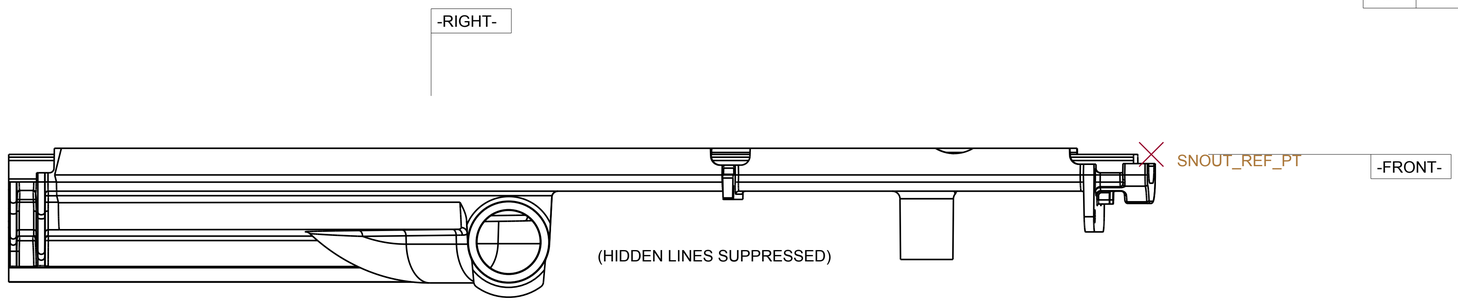
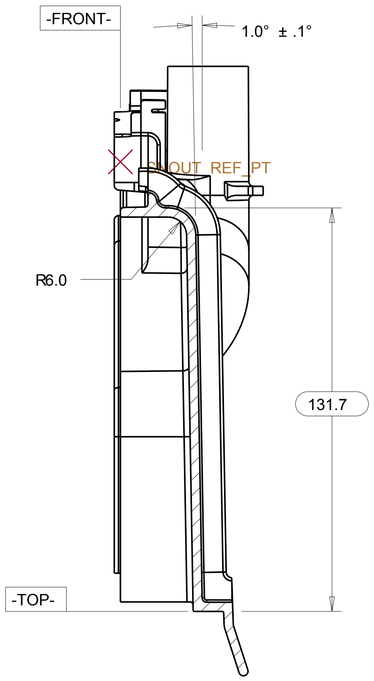
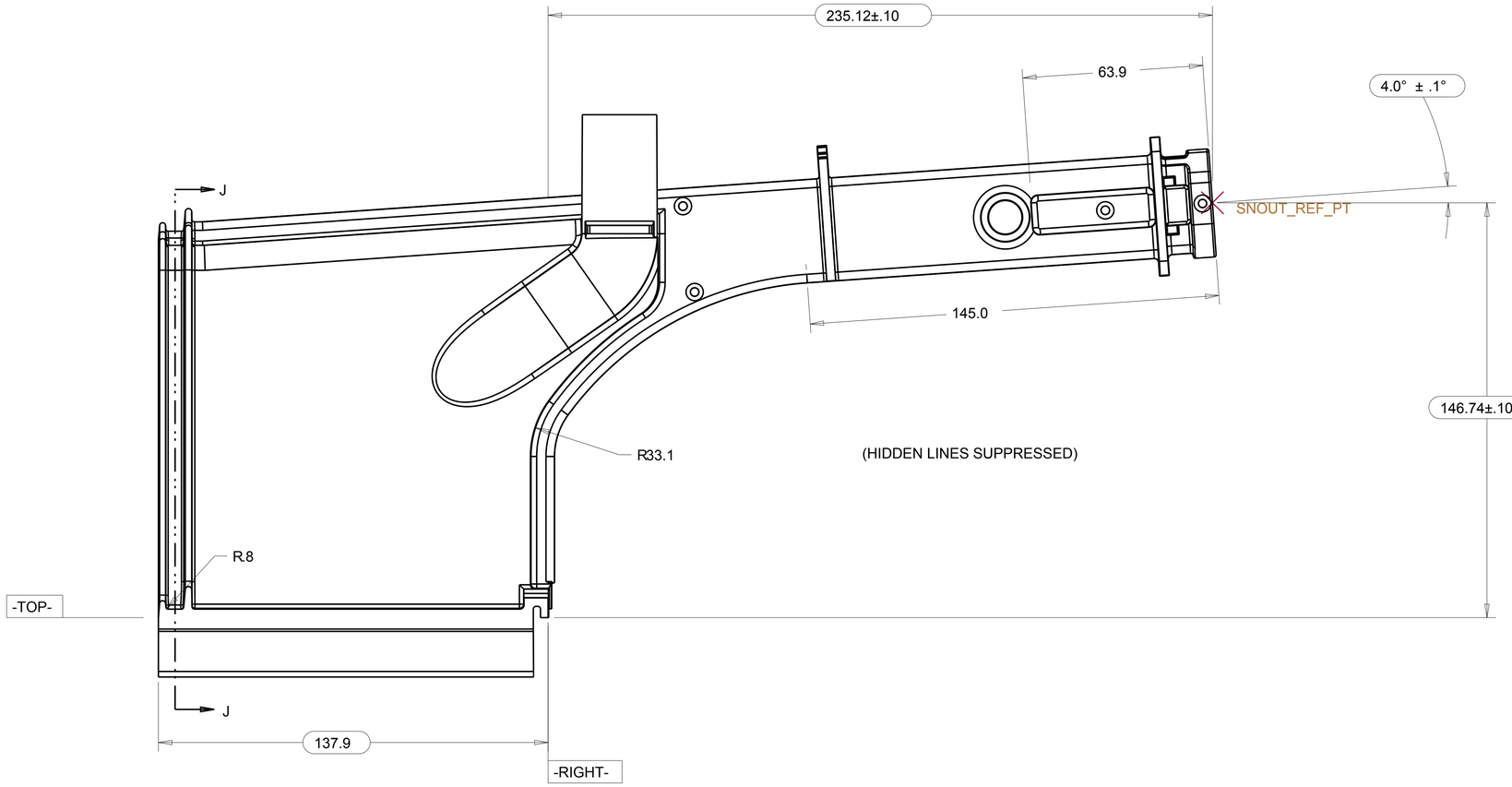
REV	DESCRIPTION	DATE

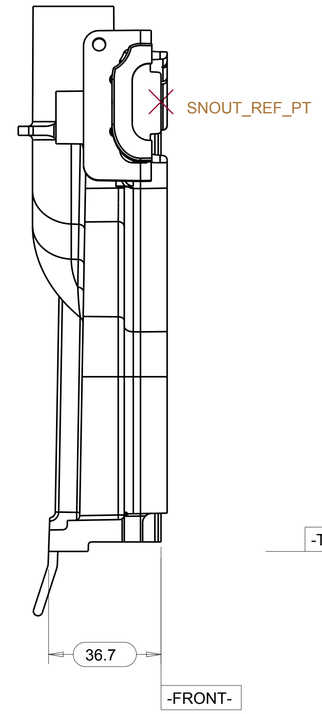




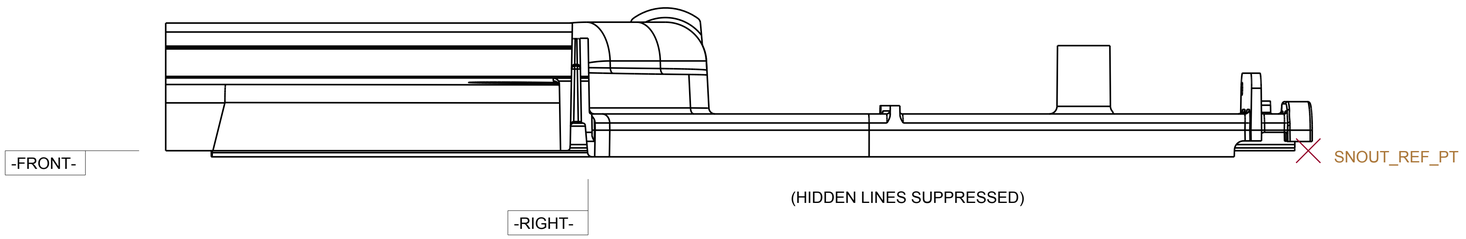
SECTION J-J
(HIDDEN LINES SUPPRESSED)



(HIDDEN LINES SUPPRESSED)



(HIDDEN LINES SUPPRESSED)



(HIDDEN LINES SUPPRESSED)

NOTES	
1	MATERIAL: TYPE I RIGID PVC, GEON M3500 OR M3800, BLACK
2	DO NOT USE MOLD RELEASE
3	MATERIAL REGRIND NOT TO EXCEED SUPPLIER RECOMMENDATIONS
4	PART VOLUME: 179 CC (10.9 IN^3)
5	QUANTITIES: 12,500 (14 KT DETECTOR)

TOLERANCES		ORIGINATOR	T. Chase	01-Feb-10
.X	± 0.1	DRAWN BY	T. Chase	01-Feb-10
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: Far Detector Modules		

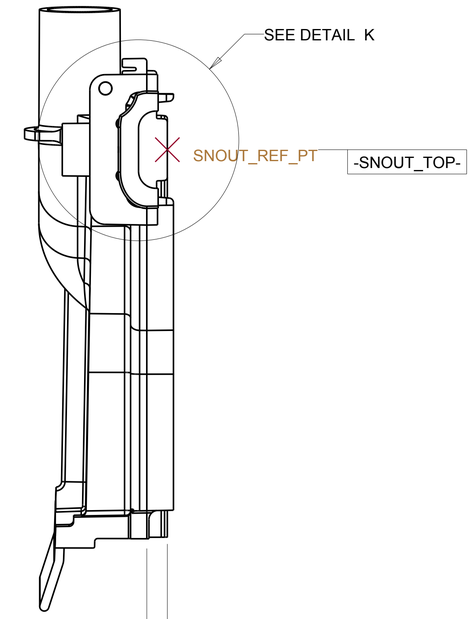
NOvA Experiment (Fermilab E929)

University of Minnesota

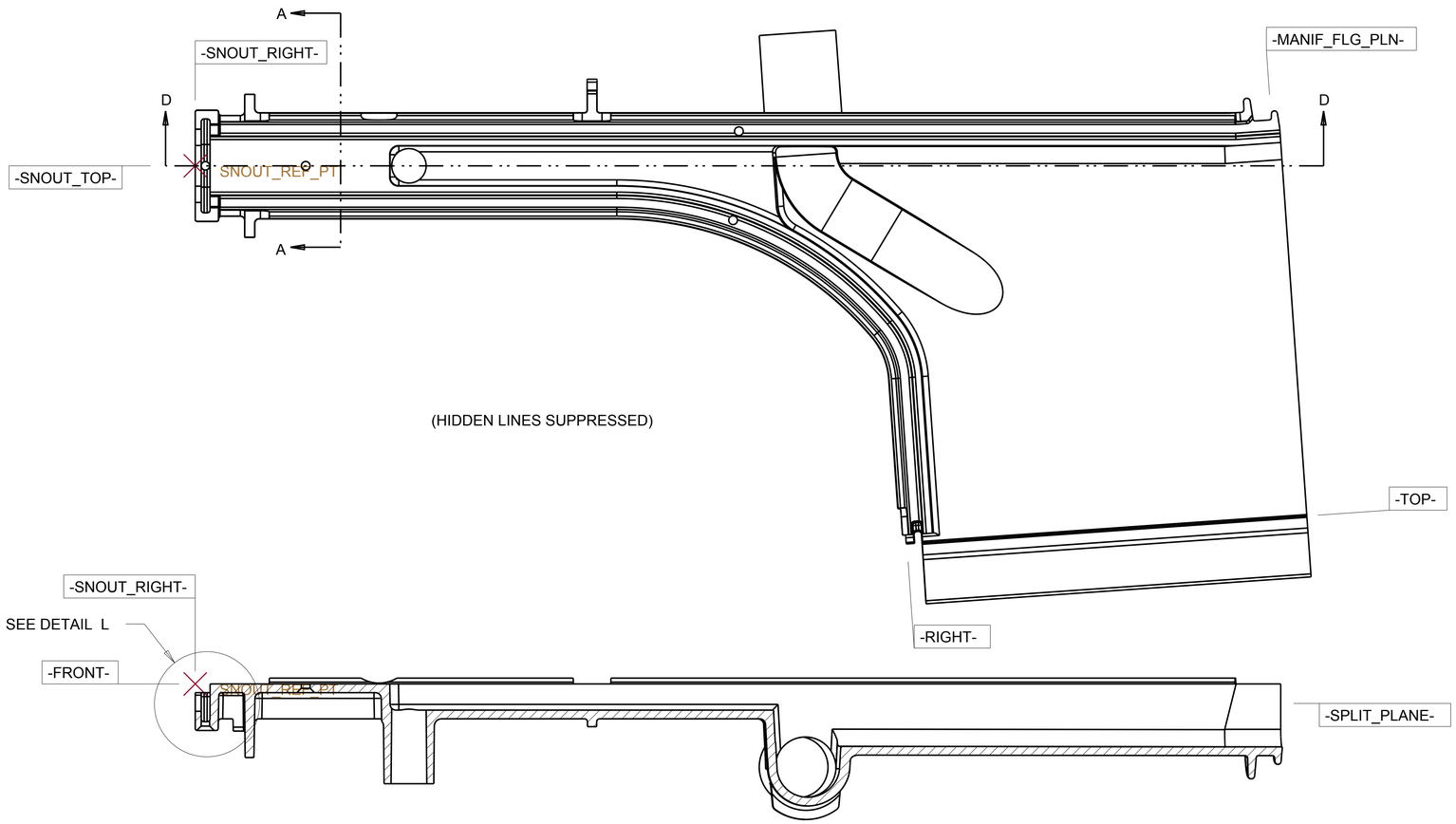
Far Detector Snout, Front

Finish	Model Type: PART	Model File Name: FD_4_SNOUT_FRONT_REV	Drawing File Name: FD_4_SNOUT_FRONT_REV
	Scale 1.000 :1	Drawing Number	Revision / Sheet 1 of 7
	All dimensions are in mm unless specified otherwise		

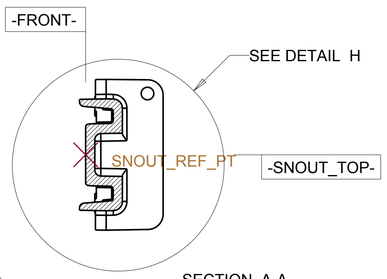
REV	DESCRIPTION	DATE



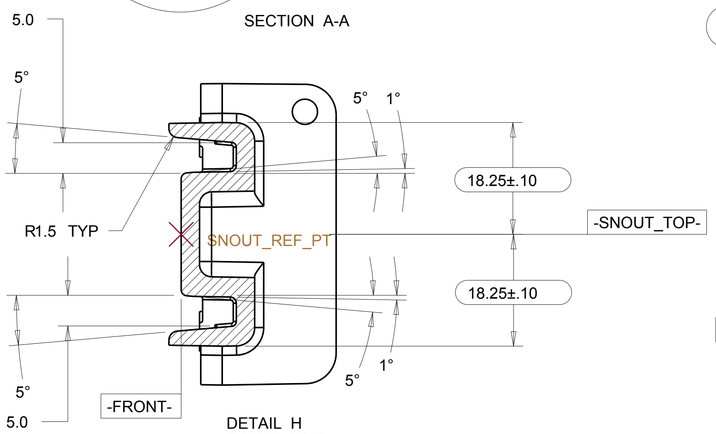
(HIDDEN LINES SUPPRESSED)



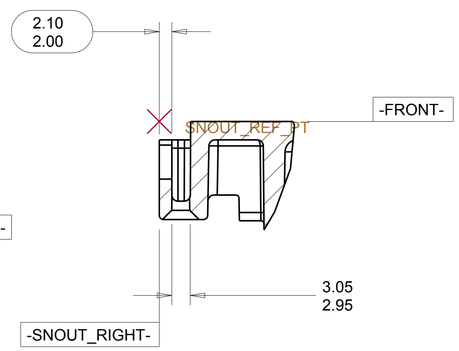
SECTION D-D
(HIDDEN LINES SUPPRESSED)



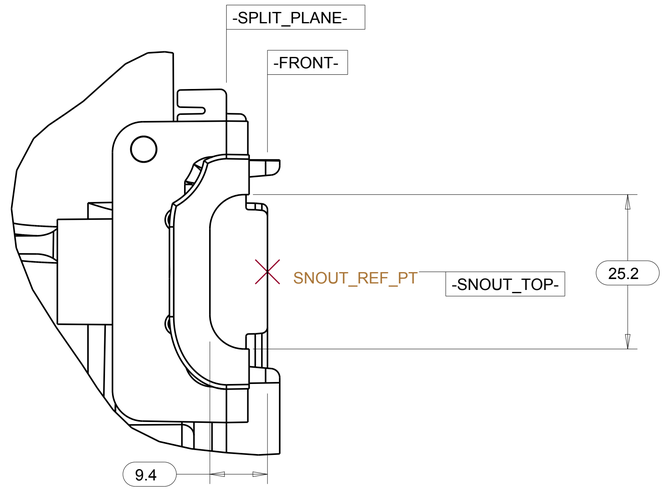
SECTION A-A



DETAIL H
SCALE 2.000
(HIDDEN LINES SUPPRESSED)



DETAIL L
SCALE 2.000
(HIDDEN LINES SUPPRESSED)



DETAIL K
SCALE 2.000
(HIDDEN LINES SUPPRESSED)

TOLERANCES		ORIGINATOR	T. Chase	06-Sep-11
.X	± 0.1	DRAWN BY	T. Chase	06-Sep-11
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: Far Detector Modules		

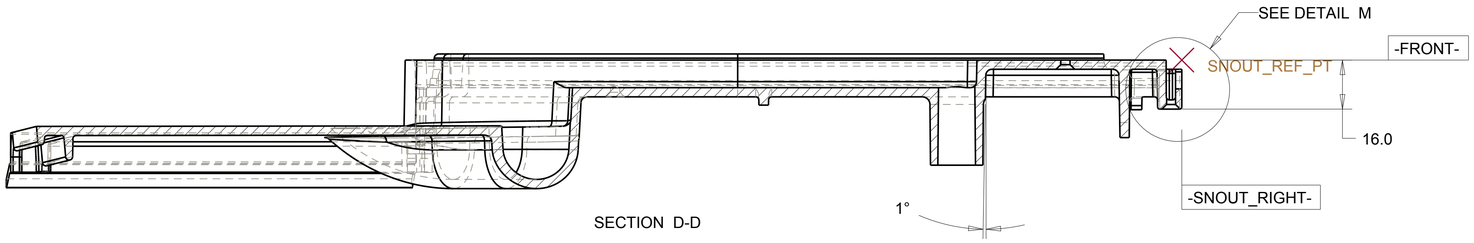
NOvA Experiment (Fermilab E929)

University of Minnesota

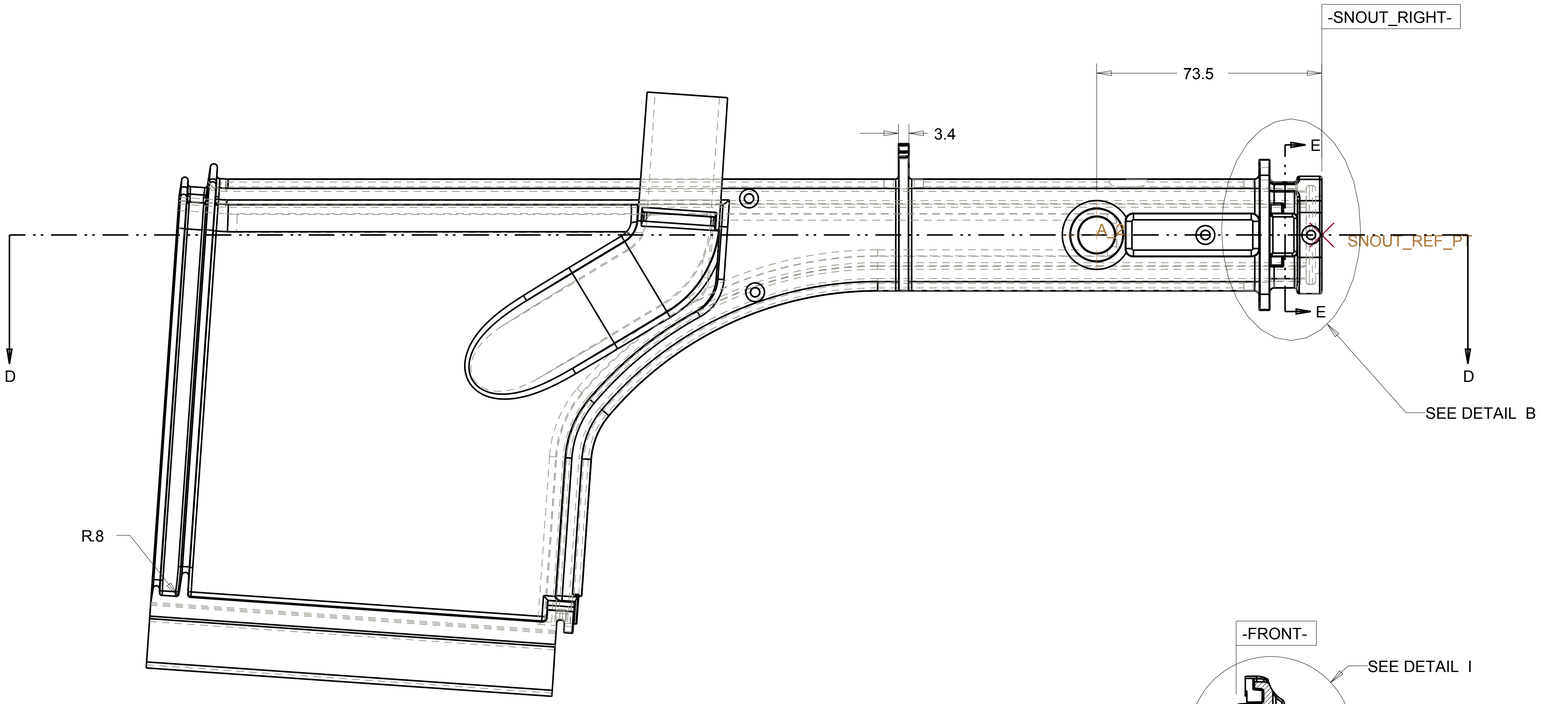
Far Detector Snout Front

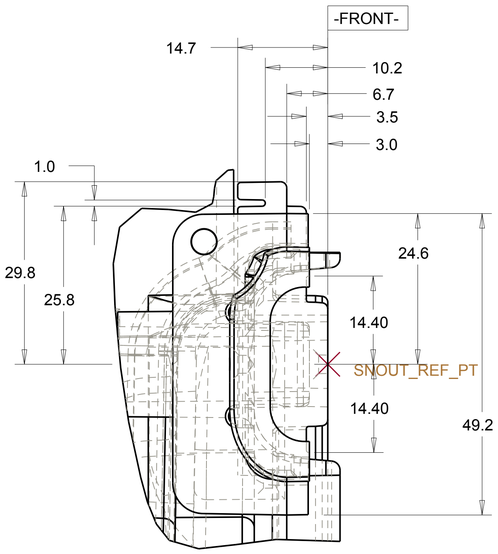
Model Type:	Model File Name:	Drawing File Name:
PART	FD_4_SNOUT_FRONT_REV	FD_4_SNOUT_FRONT_REV
Scale	Drawing Number	Revision / Sheet
1.000 :1		2 of 7
Finish	All dimensions are in mm unless specified otherwise	

REV	DESCRIPTION	DATE

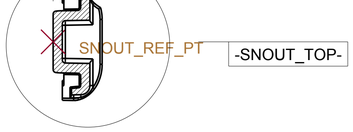


SECTION D-D

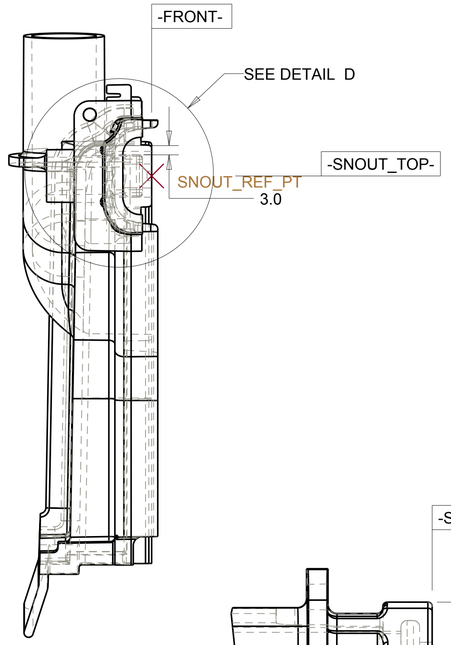


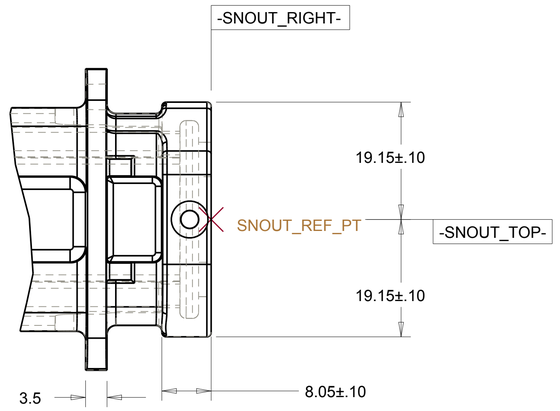


DETAIL D
SCALE 2.000

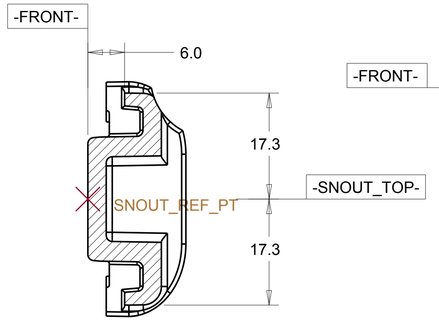


SECTION E-E
(HIDDEN LINES SUPPRESSED)

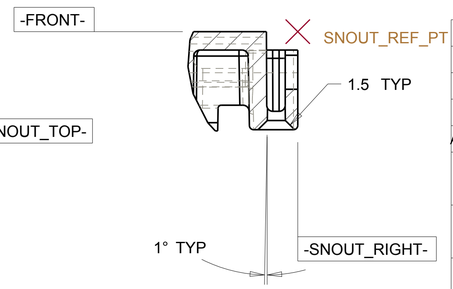




DETAIL B
SCALE 2.000



DETAIL I
SCALE 2.000



DETAIL M
SCALE 2.000

TOLERANCES		ORIGINATOR	T. Chase	01-Feb-10
.X	± 0.1	DRAWN BY	T. Chase	01-Feb-10
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: Far Detector Modules		

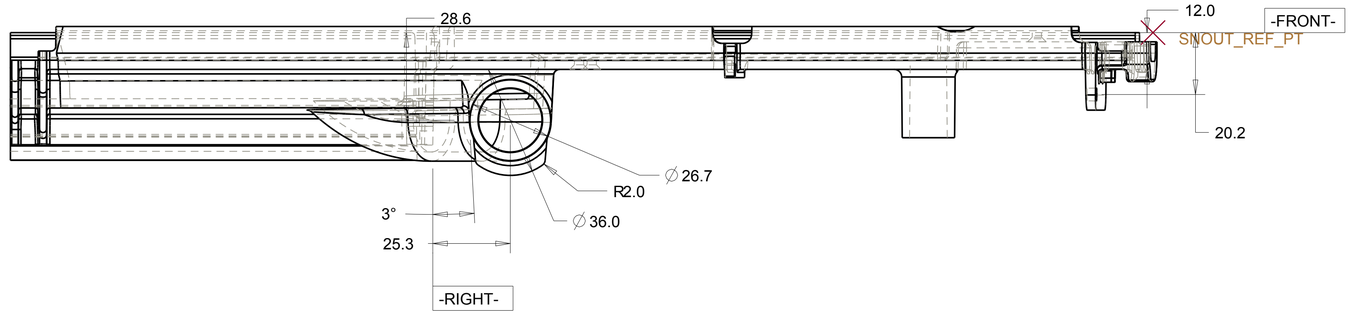
NOvA Experiment (Fermilab E929)

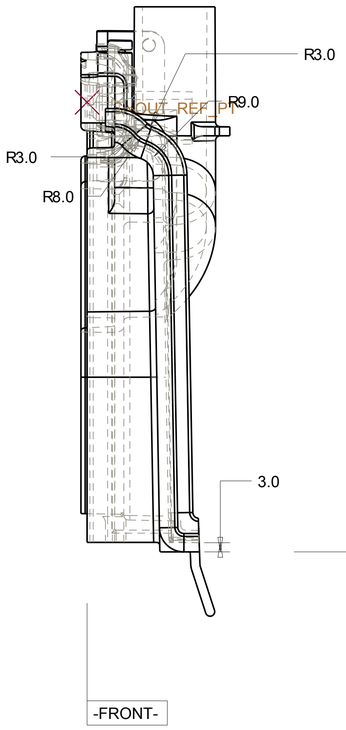
University of Minnesota

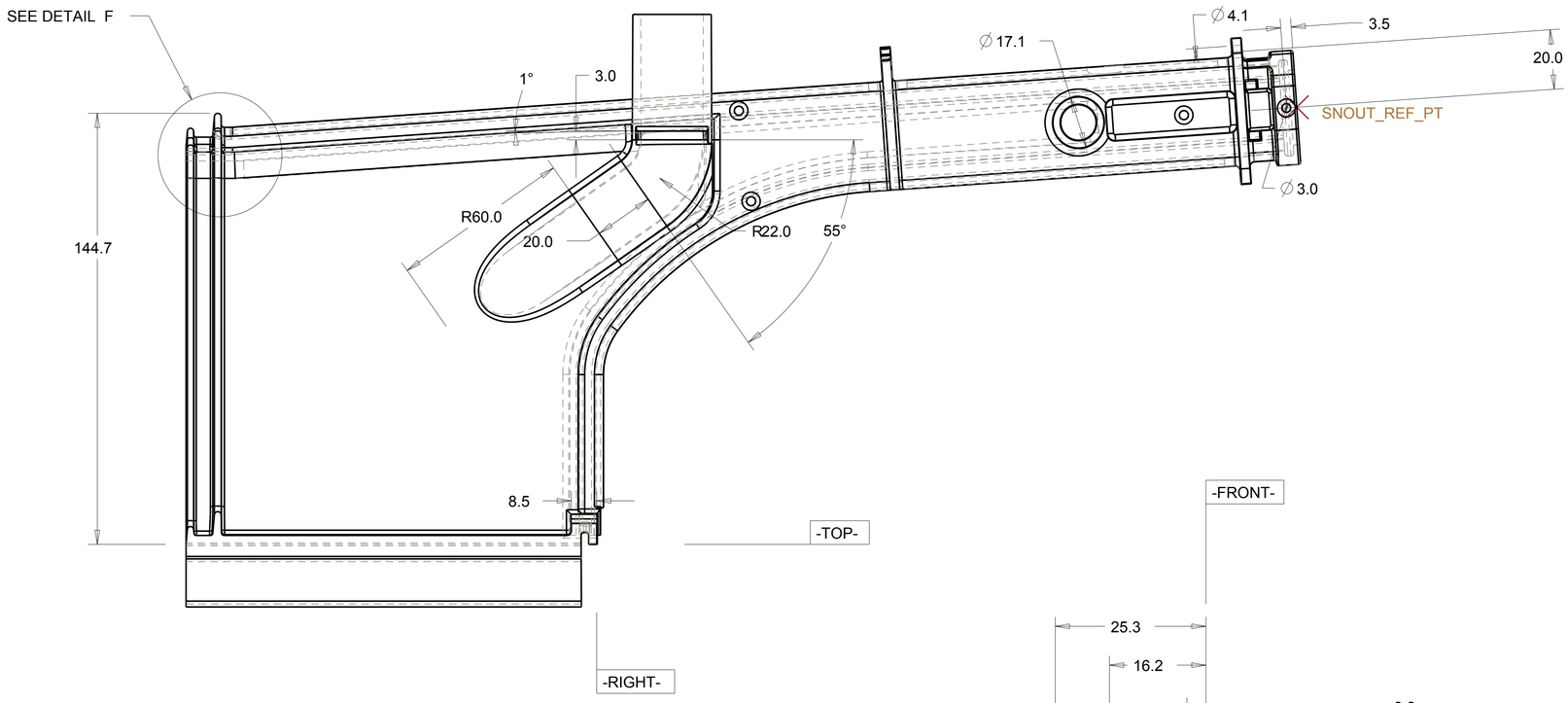
Far Detector Snout, Front

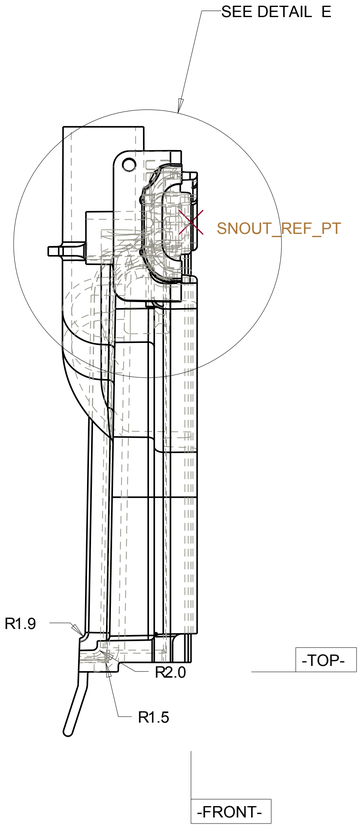
Finish	Model Type: PART	Model File Name: FD_4_SNOUT_FRONT_REV	Drawing File Name: FD_4_SNOUT_FRONT_REV
	Scale 1.000 :1	Drawing Number	Revision / Sheet 3 of 7
	All dimensions are in mm unless specified otherwise		

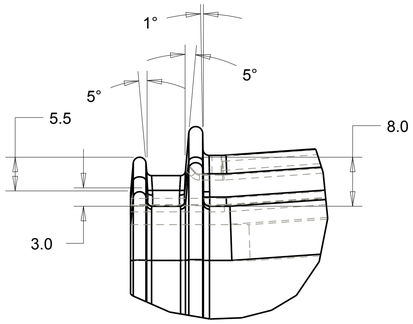
REV	DESCRIPTION	DATE



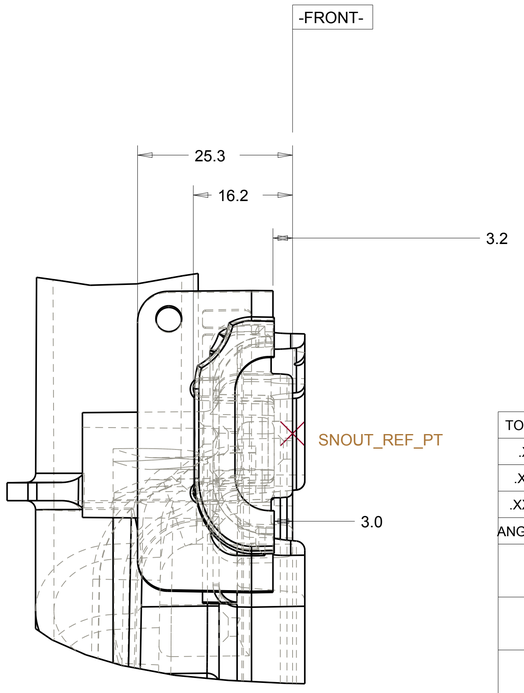








DETAIL F
SCALE 2.000



DETAIL E
SCALE 2.000

TOLERANCES		ORIGINATOR	T. Chase	01-Feb-10
.X	± 0.1	DRAWN BY	T. Chase	01-Feb-10
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: Far Detector Modules		

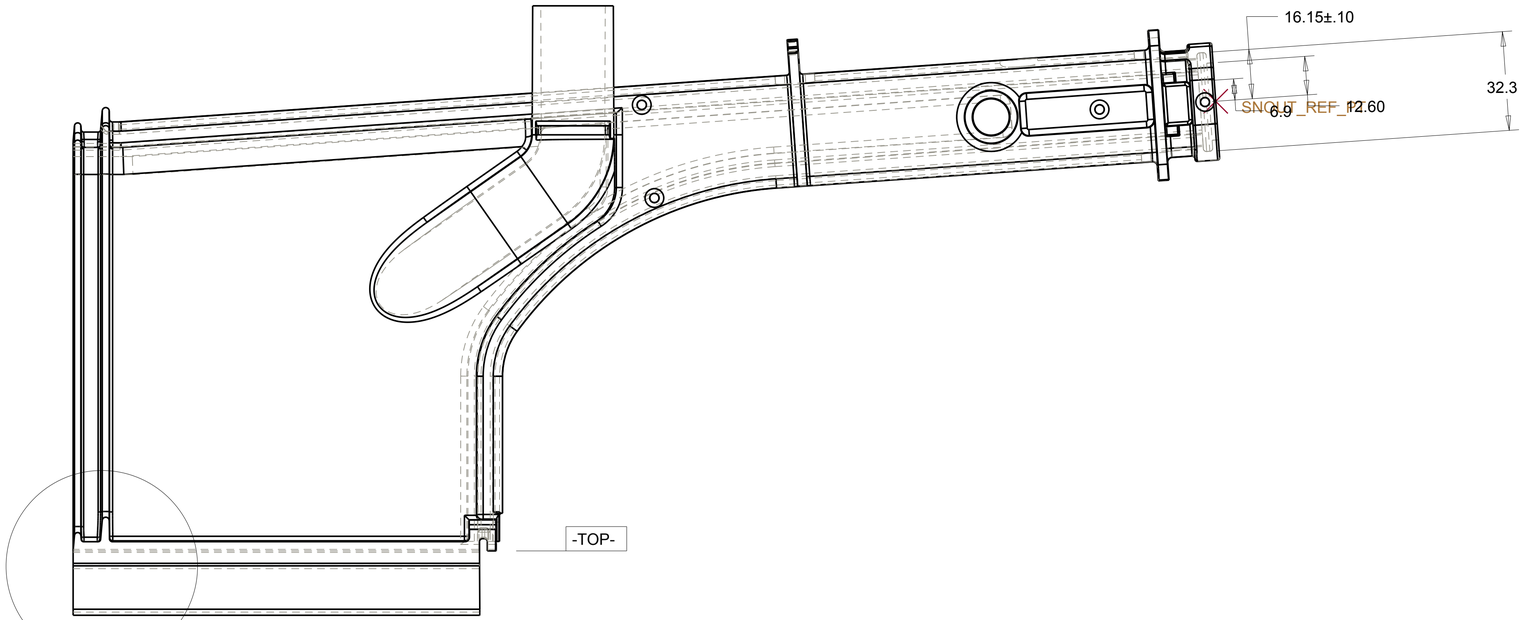
NOvA Experiment (Fermilab E929)

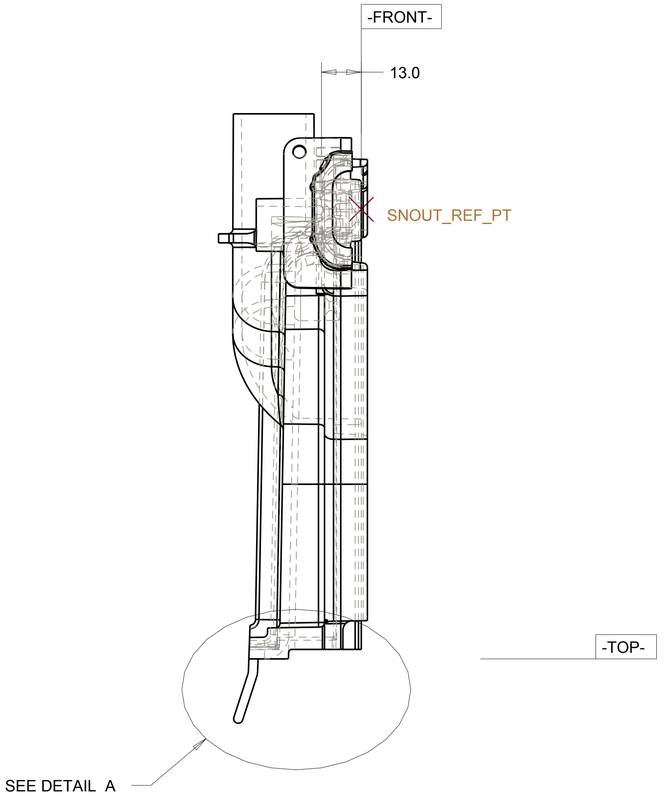
University of Minnesota

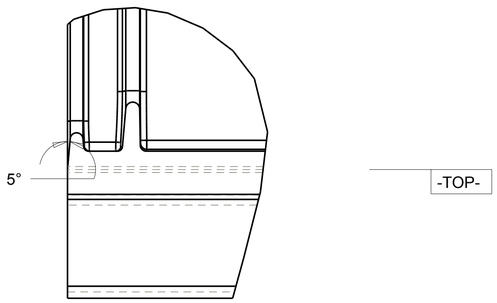
Far Detector Snout, Front

Model Type:	Model File Name:	Drawing File Name:	
PART	FD_4_SNOUT_FRONT_REV	FD_4_SNOUT_FRONT_REV	
Scale	Drawing Number	Revision	Sheet
1.000 :1			4 of 7
Finish	All dimensions are in mm unless specified otherwise		

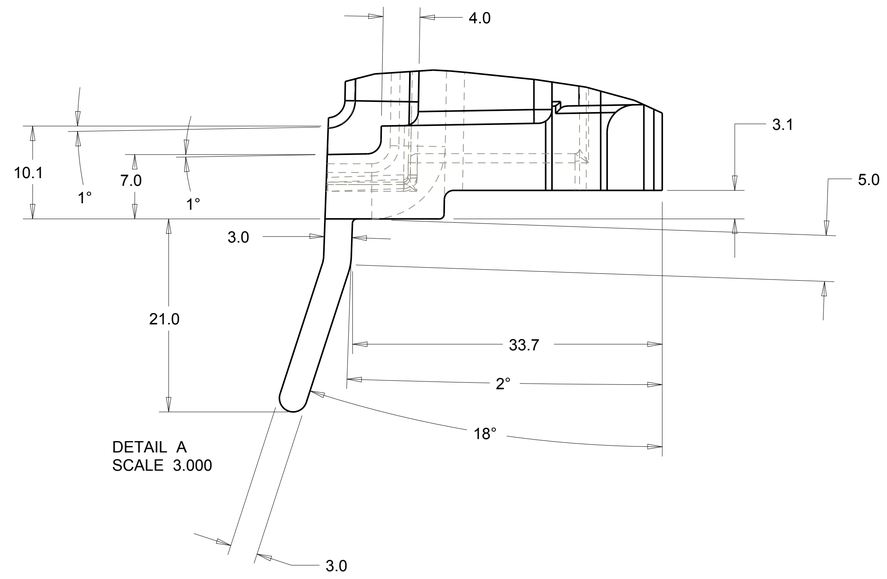
REV	DESCRIPTION	DATE







DETAIL G
SCALE 2.000



DETAIL A
SCALE 3.000

TOLERANCES		ORIGINATOR	T. Chase	02-Feb-10
.X	± 0.1	DRAWN BY	T. Chase	02-Feb-10
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: Far Detector Modules		

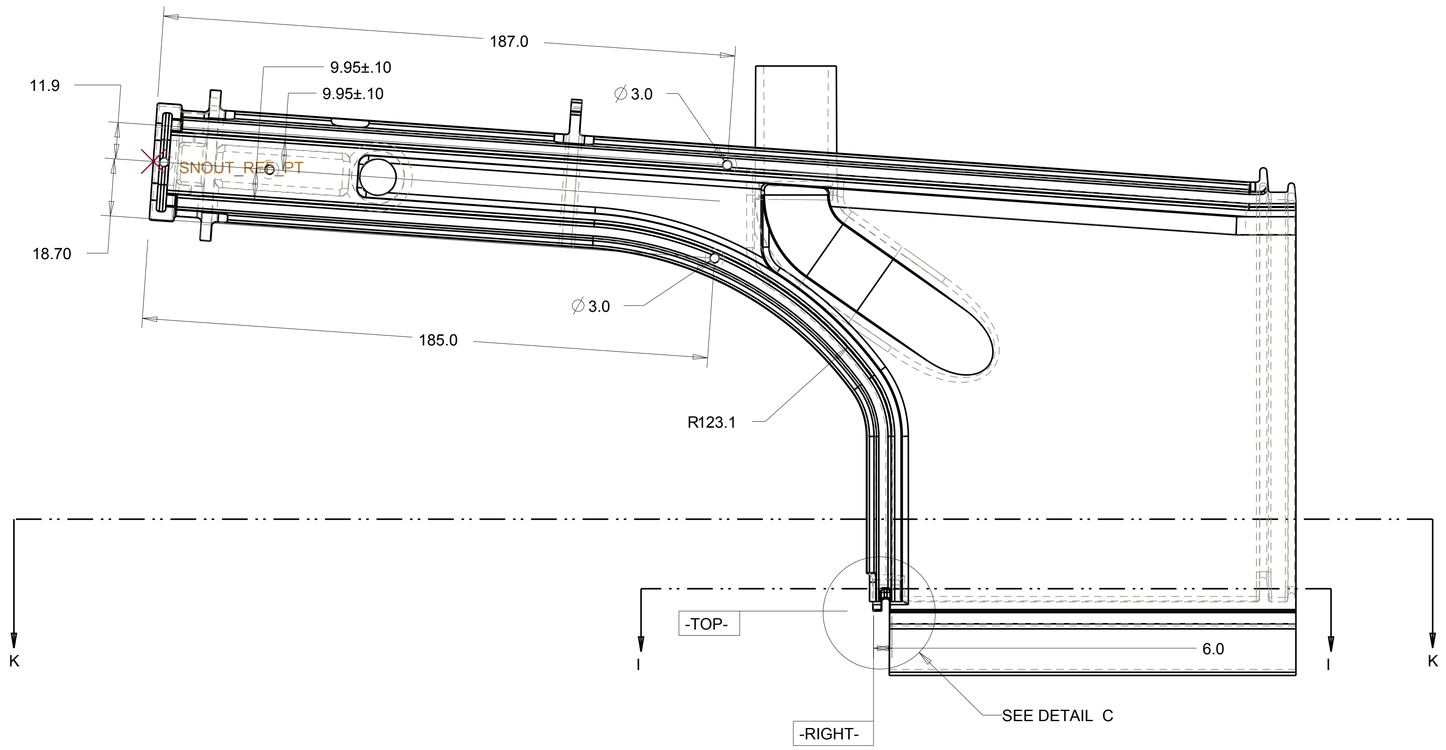
NOvA Experiment (Fermilab E929)

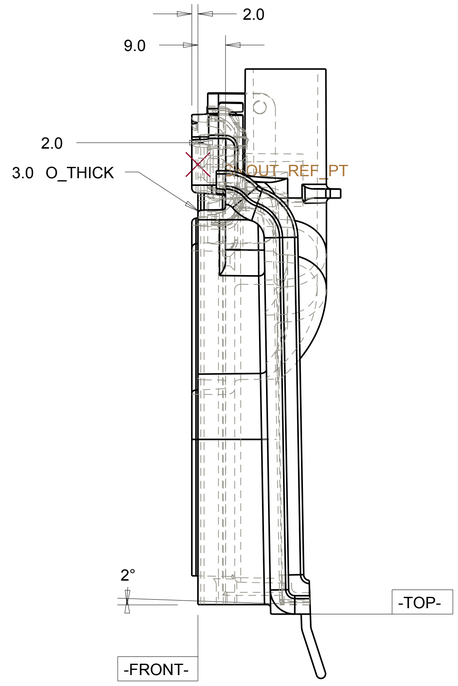
University of Minnesota

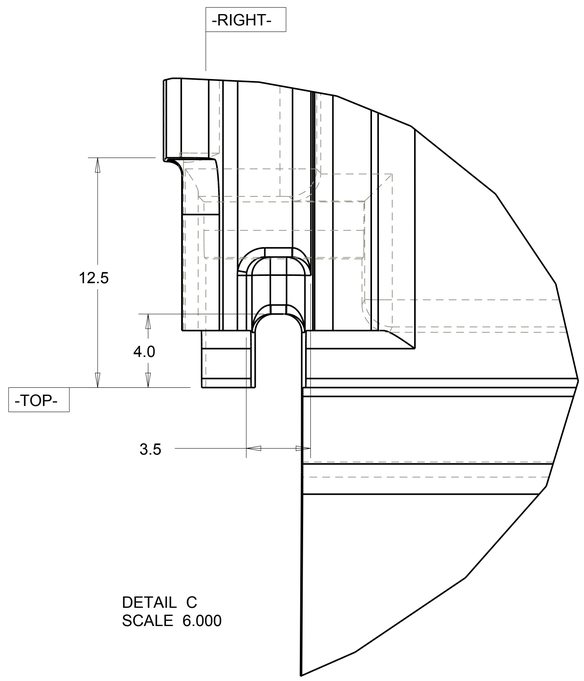
Far Detector Snout, Front

Finish	Model Type: PART	Model File Name: FD_4_SNOUT_FRONT_REV	Drawing File Name: FD_4_SNOUT_FRONT_REV
	Scale 1.000 :1	Drawing Number	Revision / Sheet 5 of 7
	All dimensions are in mm unless specified otherwise		

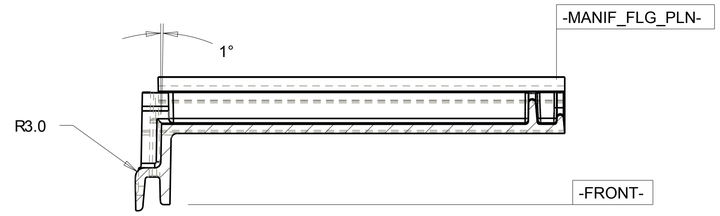
REV	DESCRIPTION	DATE



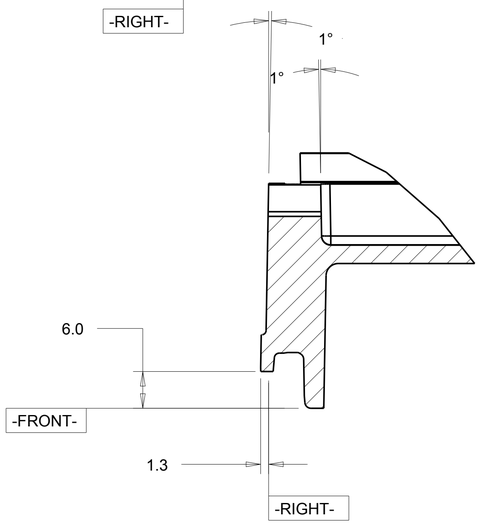




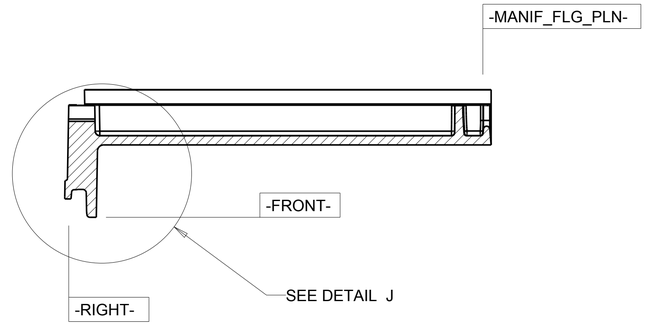
DETAIL C
SCALE 6.000



SECTION K-K



DETAIL J
SCALE 2.000



SECTION I-I
(HIDDEN LINES SUPPRESSED)

TOLERANCES		ORIGINATOR	T. Chase	09-Feb-10
.X	± 0.1	DRAWN BY	T. Chase	09-Feb-10
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: Far Detector Modules		

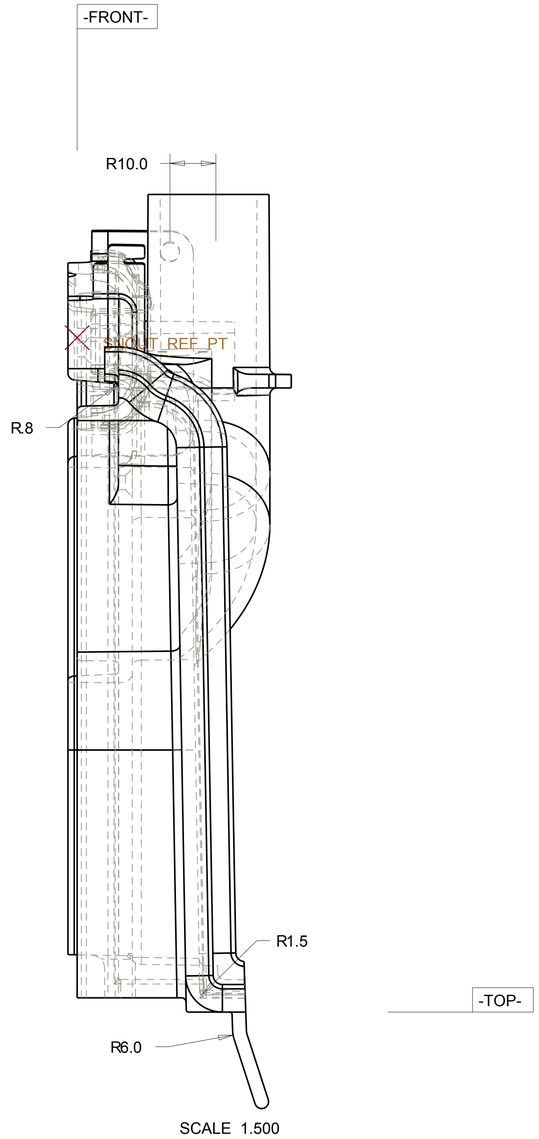
NOvA Experiment (Fermilab E929)

University of Minnesota

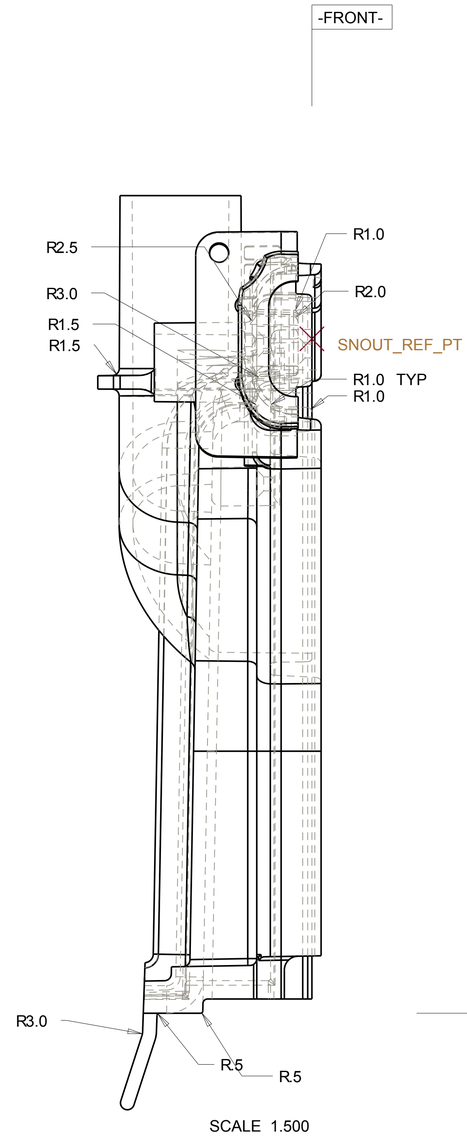
Far Detector Snout, Front

Finish	Model Type: PART	Model File Name: FD_4_SNOUT_FRONT_REV	Drawing File Name: FD_4_SNOUT_FRONT_REV
	Scale: 1.000 :1	Drawing Number	Revision / Sheet: 6 of 7
	All dimensions are in mm unless specified otherwise		

REV	DESCRIPTION	DATE



SCALE 1.500



SCALE 1.500

TOLERANCES		ORIGINATOR		18-Feb-11
.X	± 0.1	DRAWN BY		18-Feb-11
.XX	± 0.01	CHECKED		
.XXX	± 0.001	APPROVED		
ANGLES	± 0.5	USED ON: Far Detector Modules		

NOvA Experiment (Fermilab E929)

University of Minnesota

Far Detector Snout, Front

	Model Type:	Model File Name:	Drawing File Name:	
	PART	FD_4_SNOUT_FRONT_REV	FD_4_SNOUT_FRONT_REV	
	Scale: 1.000 :1	Drawing Number	Revision	Sheet: 7 of 7
Finish	All dimensions are in mm unless specified otherwise			