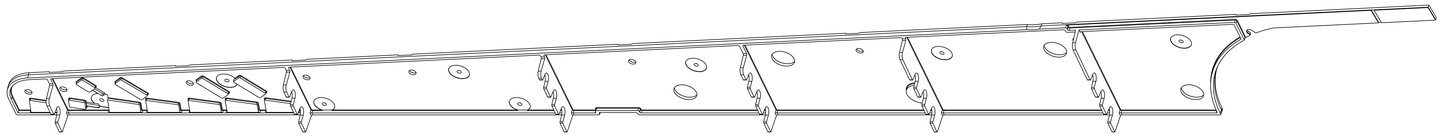
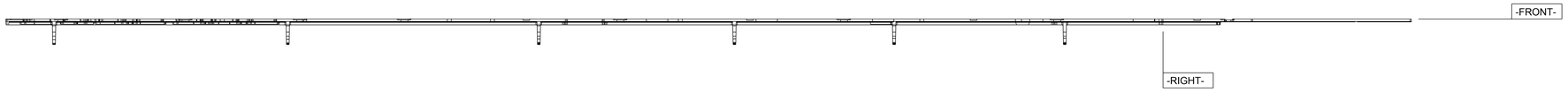
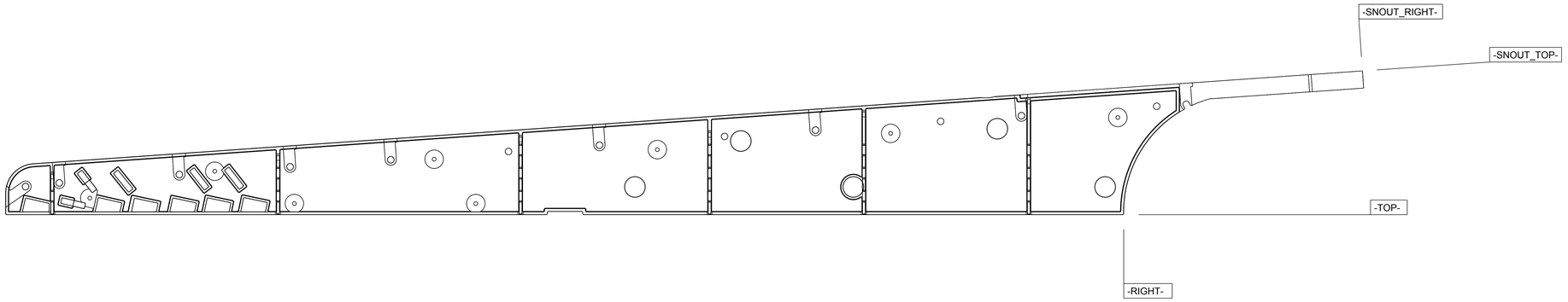
REV	DESCRIPTION	DATE







NOTES	
1	MATERIAL: BLACK PVC
2	BREAK ALL EDGES

TOLERANCES		ORIGINATOR	T. Chase	16-Jun-11
.X	±0.1	DRAWN BY	J. Legatt	16-Jun-11
.XX	±0.01	CHECKED		
.XXX	±0.001	APPROVED		
ANGLES	±0.5	USED ON: NOvA manifolds		

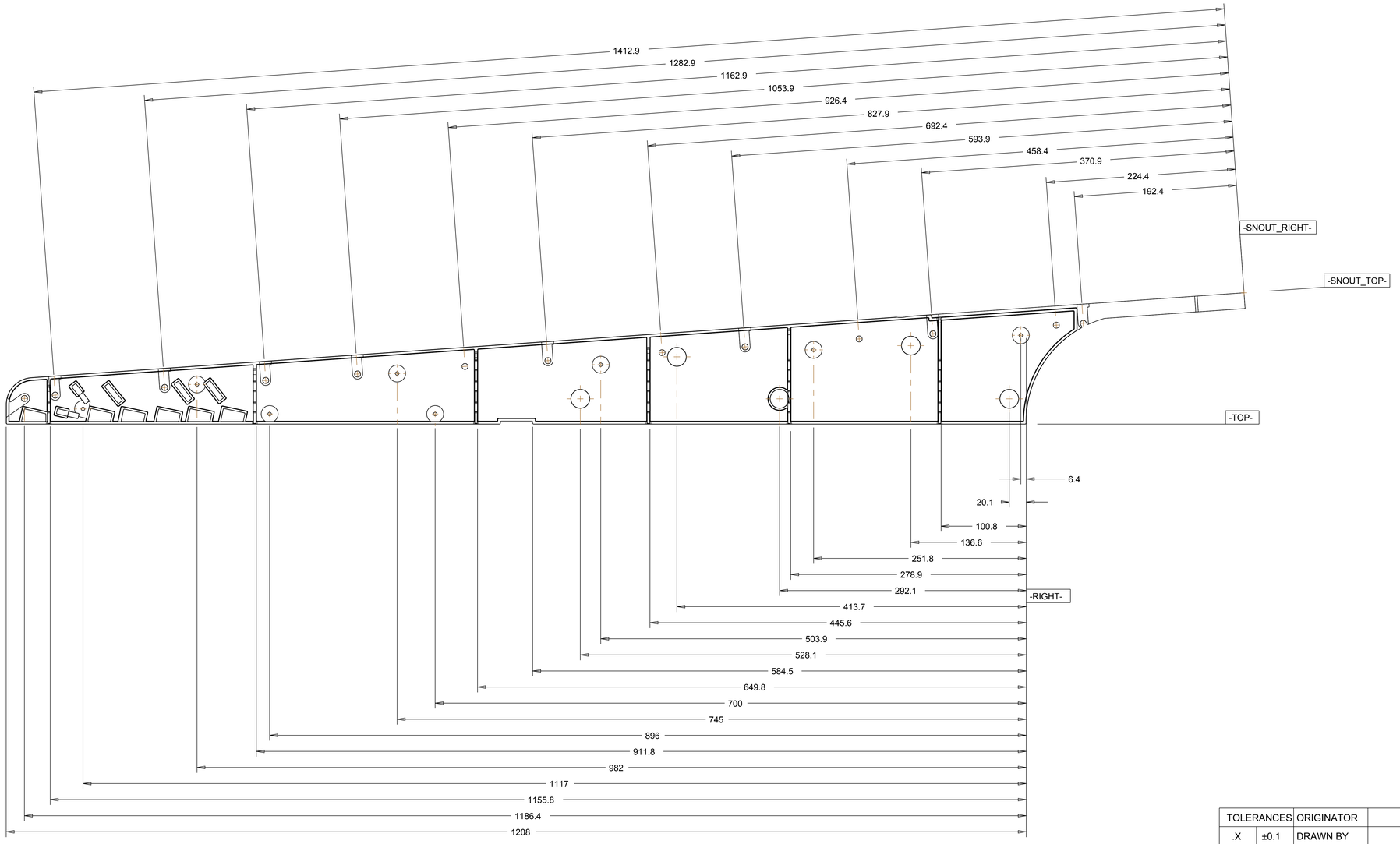
NOvA Experiment (Fermilab E929)

UNIVERSITY OF MINNESOTA

Fiber Cover

	Model Type:	Model File Name:	Drawing File Name:	
	PART	FD_4_FIBER_COVER	FD_4_FIBER_COVER	
	Scale	Drawing Number	Revision	Sheet
	0.500:1			1 of 7
Finish	All dimensions are in mm unless specified otherwise			

REV	DESCRIPTION	DATE



NOTES	
1	MATERIAL: BLACK PVC
2	BREAK ALL EDGES

TOLERANCES		ORIGINATOR	T. Chase	16-Jun-11
.X	±0.1	DRAWN BY	J. Legatt	16-Jun-11
.XX	±0.01	CHECKED		
.XXX	±0.001	APPROVED		
ANGLES	±0.5	USED ON: NOvA manifolds		

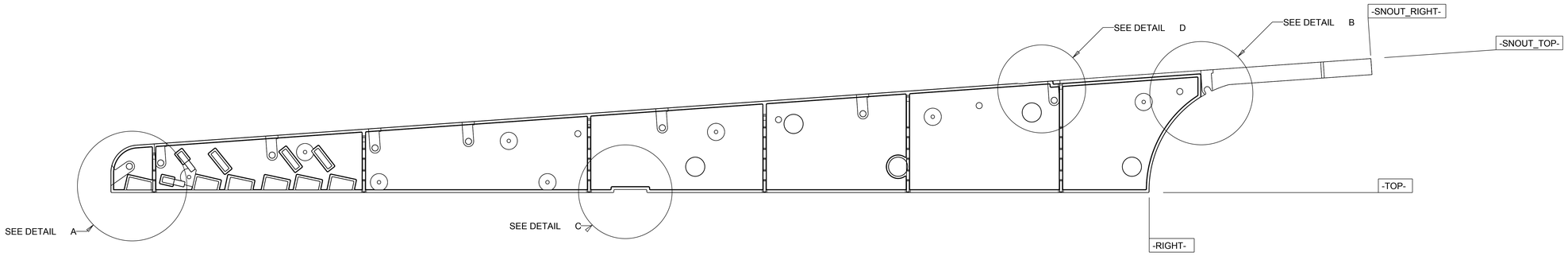
NOvA Experiment (Fermilab E929)

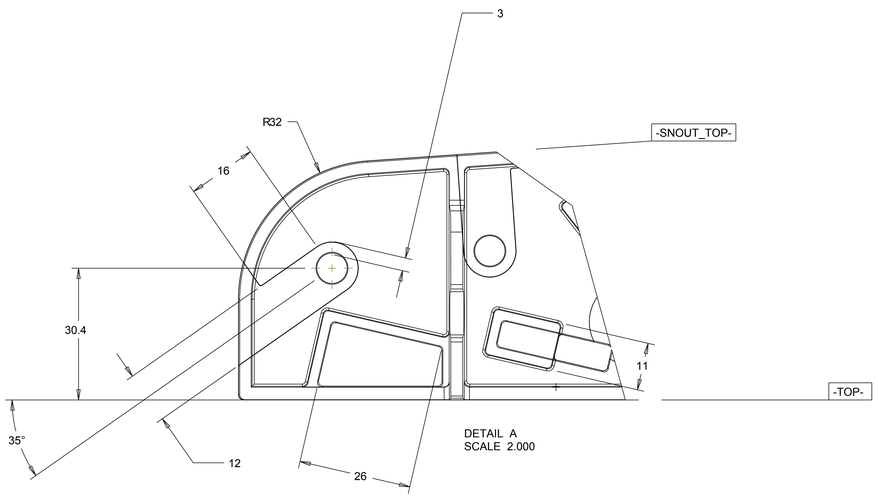
UNIVERSITY OF MINNESOTA

Fiber Cover

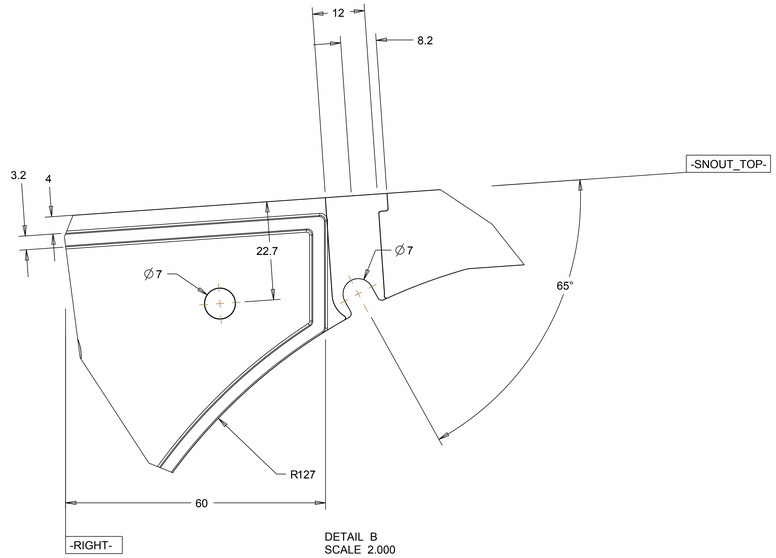
	Model Type:	Model File Name:	Drawing File Name
	PART	FD_4_FIBER_COVER	FD_4_FIBER_COVER
	Scale	Drawing Number	Revision / Sheet
	0.500:1		2 of 7
Finish	All dimensions are in mm unless specified otherwise		

REV	DESCRIPTION	DATE

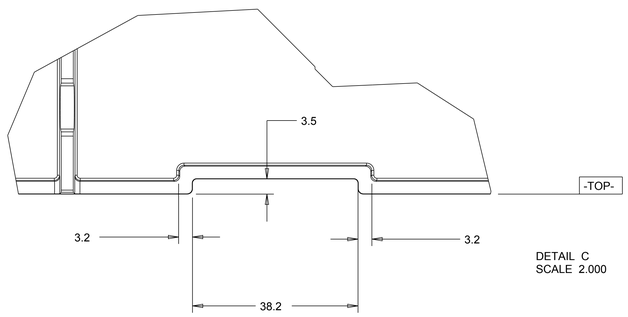




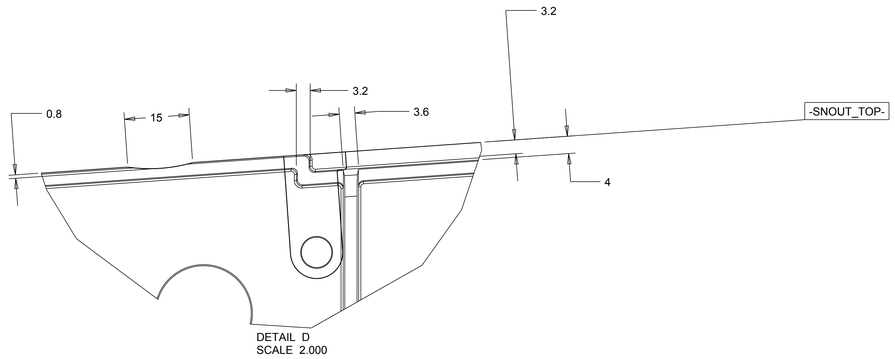
DETAIL A
SCALE 2.000



DETAIL B
SCALE 2.000



DETAIL C
SCALE 2.000



DETAIL D
SCALE 2.000

NOTES	
1	MATERIAL: BLACK PVC
2	BREAK ALL EDGES

TOLERANCES		ORIGINATOR	T. Chase	16-Jun-11
.X	±0.1	DRAWN BY	J. Legatt	16-Jun-11
.XX	±0.01	CHECKED		
.XXX	±0.001	APPROVED		
ANGLES	±0.5	USED ON: NOvA manifolds		

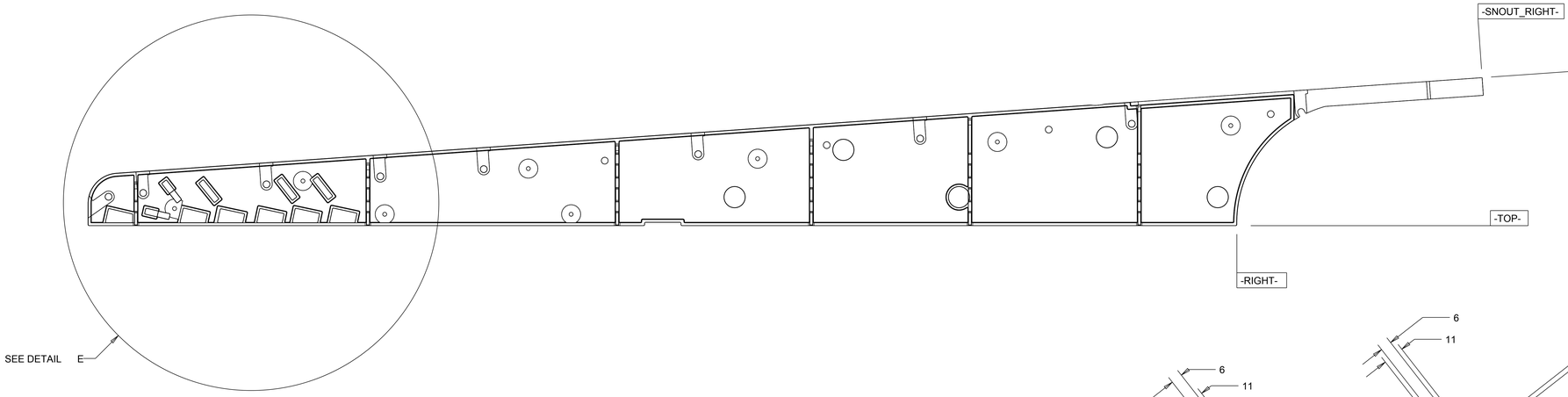
NOvA Experiment (Fermilab E929)

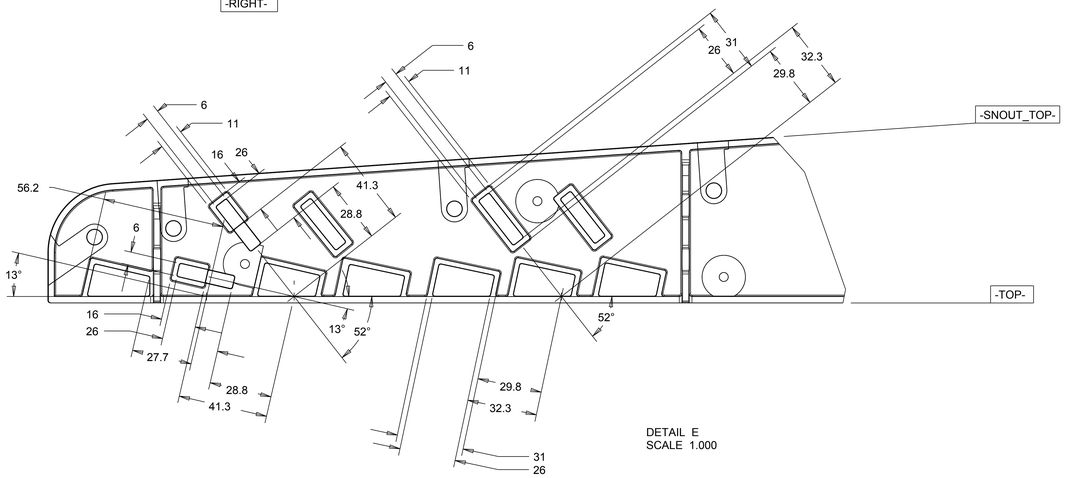
UNIVERSITY OF MINNESOTA

Fiber Cover

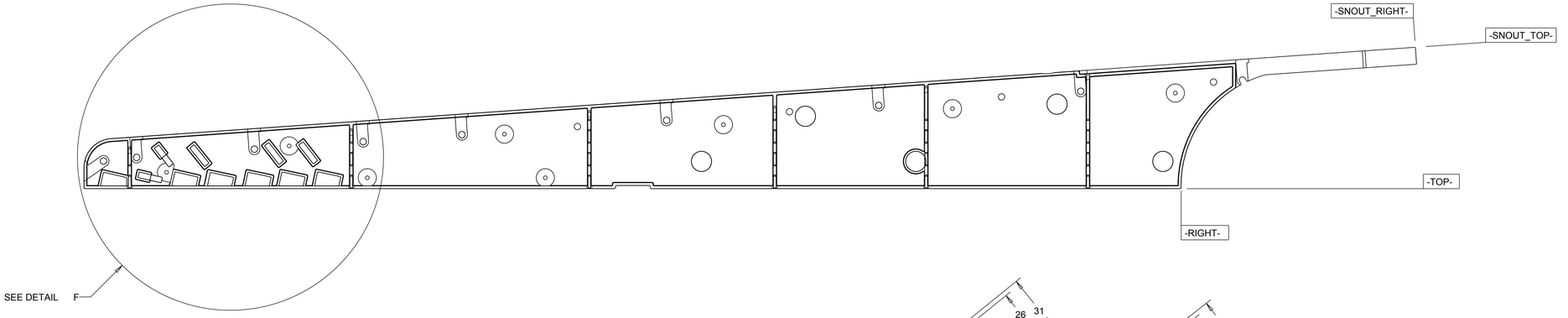
	Model Type:	Model File Name:	Drawing File Name	
	PART	FD_4_FIBER_COVER	FD_4_FIBER_COVER	
	Scale	Drawing Number	Revision	Sheet
	0.500:1			3 of 7
Finish	All dimensions are in mm unless specified otherwise			

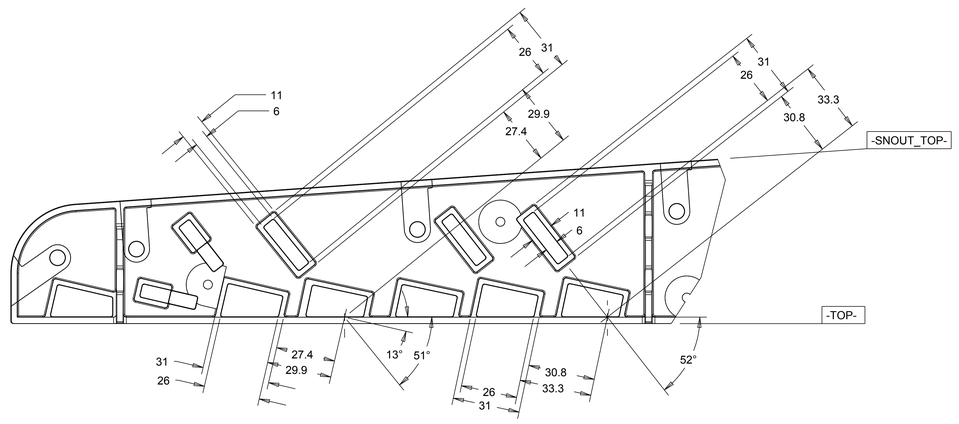
REV	DESCRIPTION	DATE





DETAIL E
SCALE 1.000





DETAIL F
SCALE 1.000

NOTES	
1	MATERIAL: BLACK PVC
2	BREAK ALL EDGES

TOLERANCES		ORIGINATOR	T. Chase	17-Jun-11
.X	±0.1	DRAWN BY	J. Legatt	17-Jun-11
.XX	±0.01	CHECKED		
.XXX	±0.001	APPROVED		
ANGLES	±0.5	USED ON: NOvA manifolds		

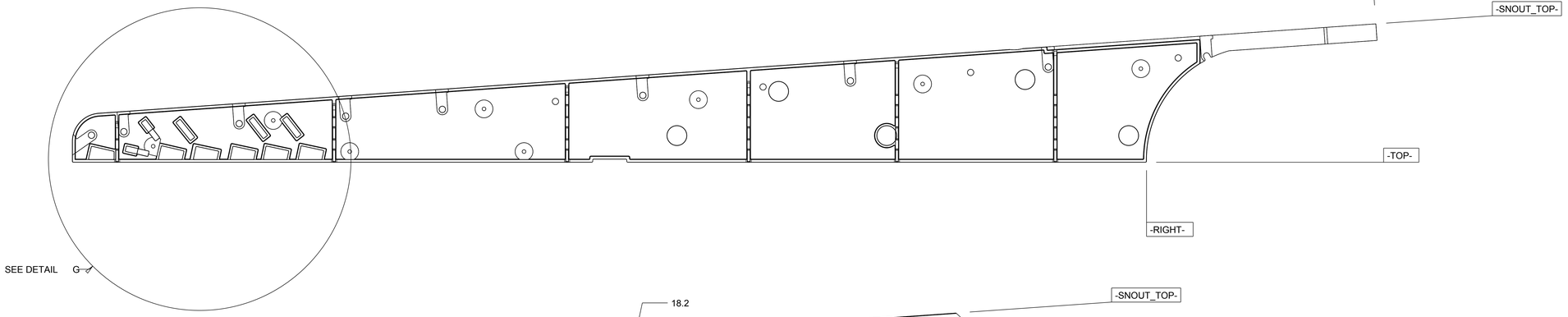
NOvA Experiment (Fermilab E929)

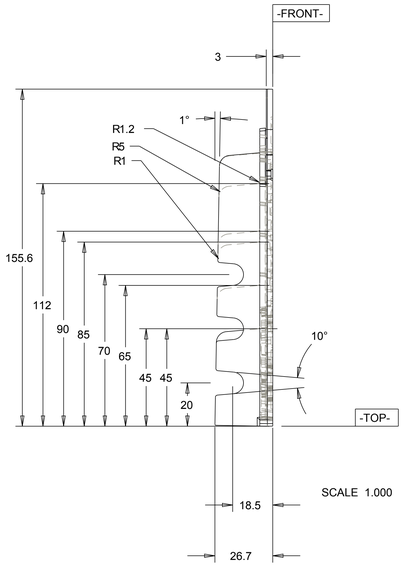
UNIVERSITY OF MINNESOTA

Fiber Cover

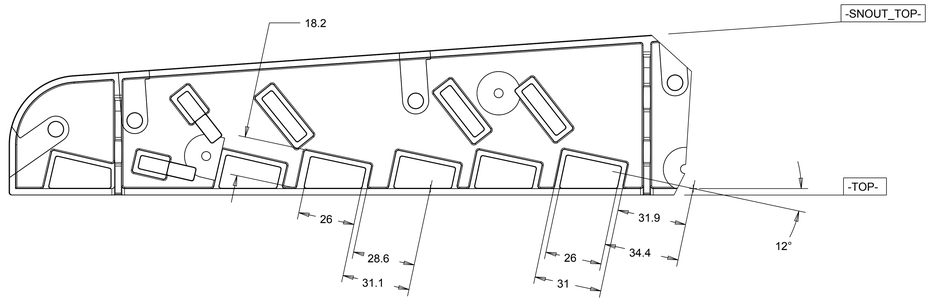
Finish	Model Type: PART	Model File Name: FD_4_FIBER_COVER	Drawing File Name: FD_4_FIBER_COVER
	Scale: 0.500:1	Drawing Number	Revision / Sheet: 4 of 7
	All dimensions are in mm unless specified otherwise		

REV	DESCRIPTION	DATE

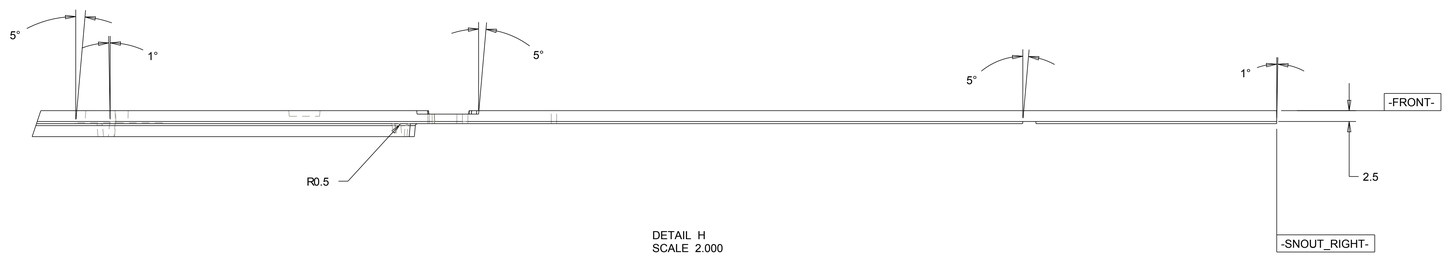




SCALE 1.000



DETAIL G
SCALE 1.000



DETAIL H
SCALE 2.000

NOTES	
1	MATERIAL: BLACK PVC
2	BREAK ALL EDGES

TOLERANCES		ORIGINATOR	T. Chase	17-Jun-11
.X	±0.1	DRAWN BY	J. Legatt	17-Jun-11
.XX	±0.01	CHECKED		
.XXX	±0.001	APPROVED		
ANGLES	±0.5	USED ON: NOvA manifolds		

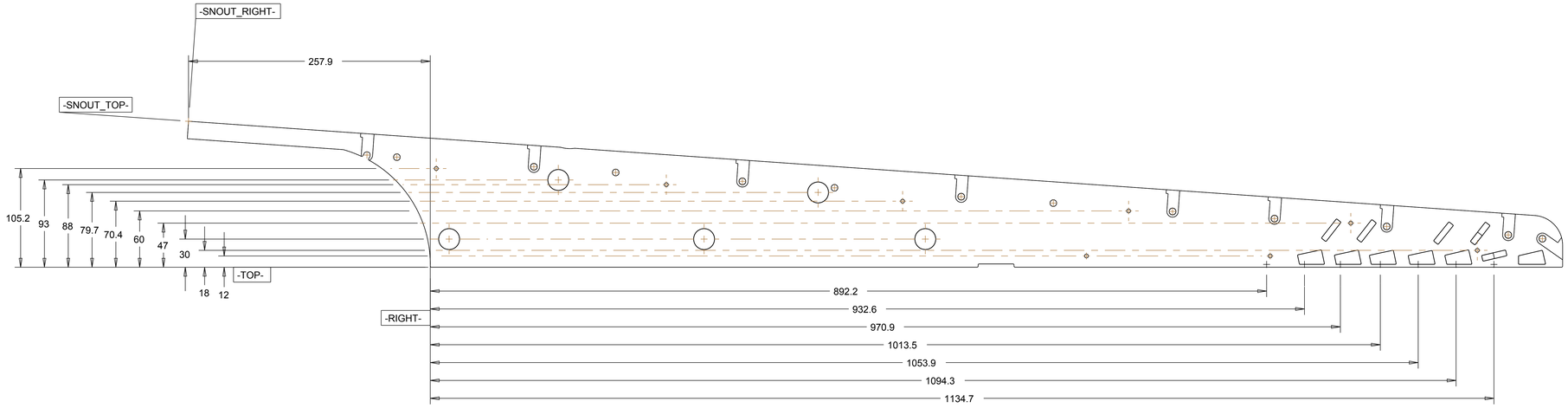
NOvA Experiment (Fermilab E929)

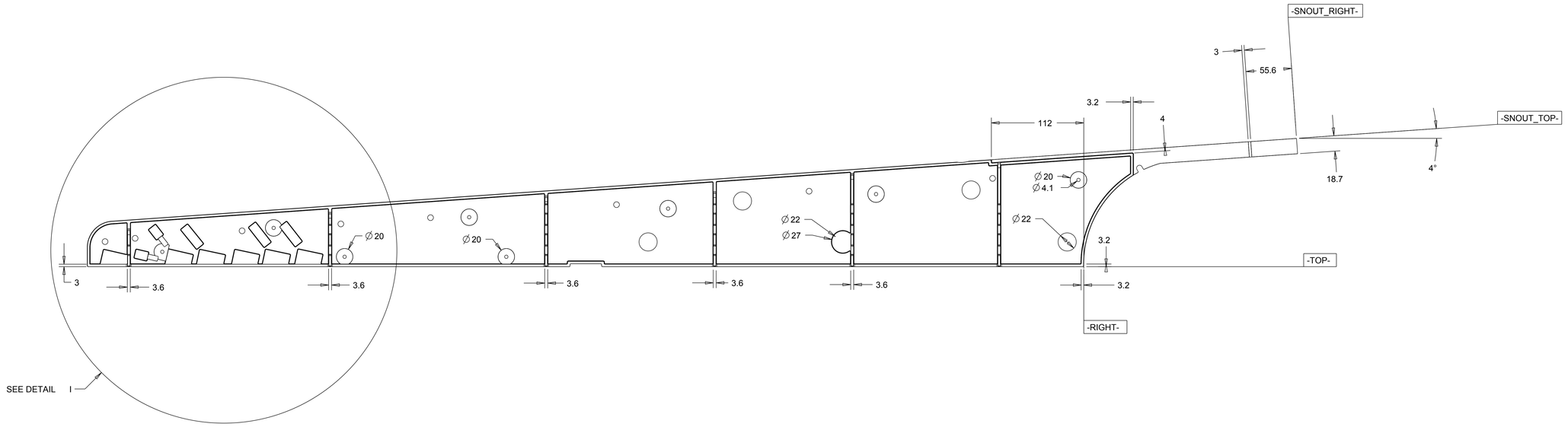
UNIVERSITY OF MINNESOTA

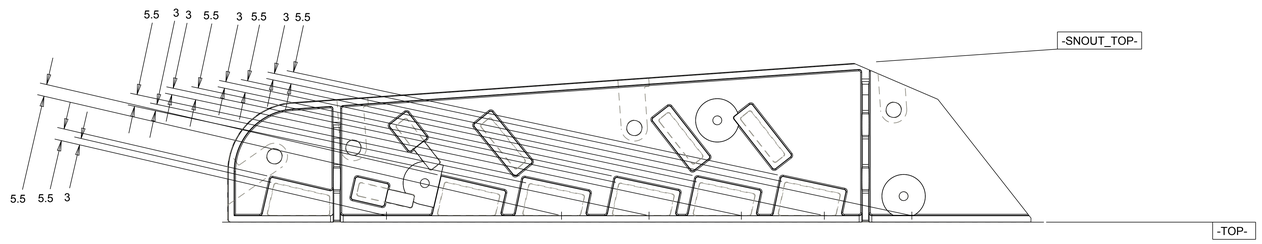
Fiber Cover

	Model Type:	Model File Name:	Drawing File Name
	PART	FD_4_FIBER_COVER	FD_4_FIBER_COVER
	Scale	Drawing Number	Revision / Sheet
	0.500:1		5 of 7
Finish	All dimensions are in mm unless specified otherwise		

REV	DESCRIPTION	DATE







DETAIL I
SCALE 1.000

NOTES	
1	MATERIAL: BLACK PVC
2	BREAK ALL EDGES

TOLERANCES		ORIGINATOR	T. Chase	17-Jun-11
.X	±0.1	DRAWN BY	J. Legatt	17-Jun-11
.XX	±0.01	CHECKED		
.XXX	±0.001	APPROVED		
ANGLES	±0.5	USED ON: NOvA manifolds		

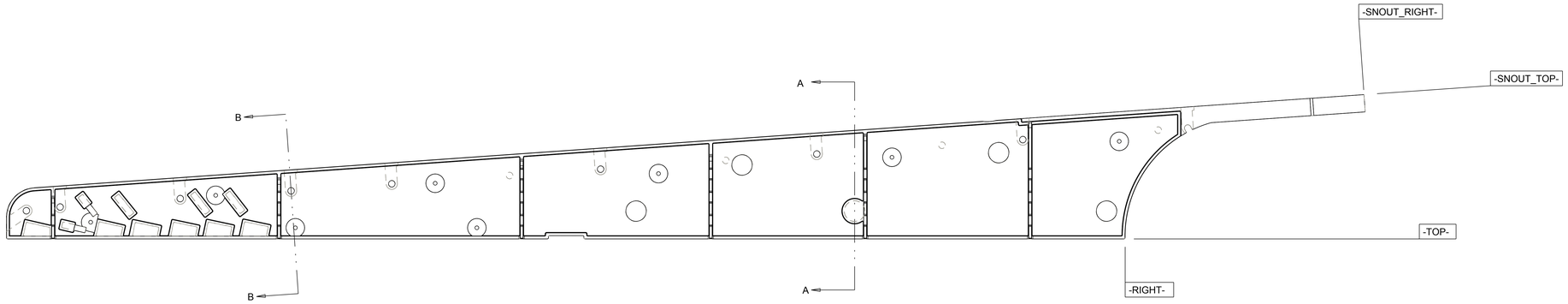
NOvA Experiment (Fermilab E929)

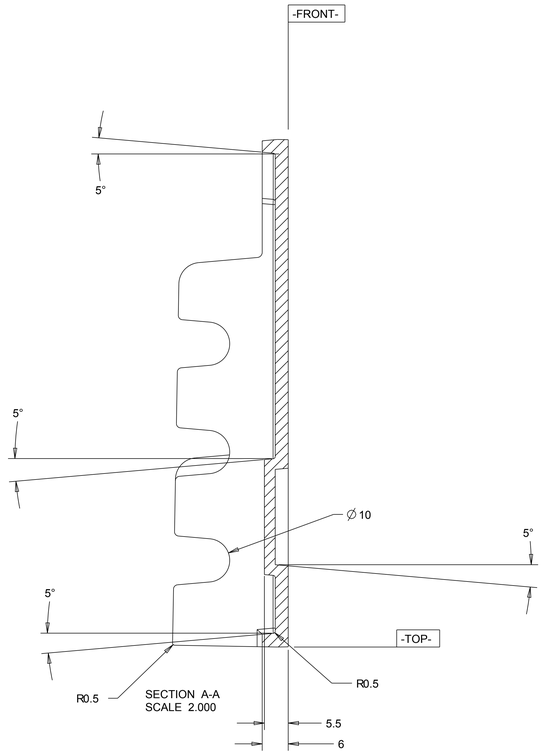
UNIVERSITY OF MINNESOTA

Fiber Cover

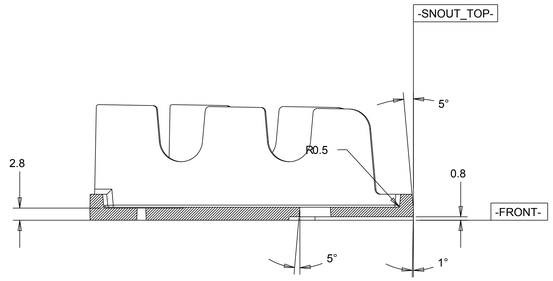
Finish	Model Type: PART	Model File Name: FD_4_FIBER_COVER	Drawing File Name FD_4_FIBER_COVER
	Scale 0.500:1	Drawing Number	Revision / Sheet 6 of 7
	All dimensions are in mm unless specified otherwise		

REV	DESCRIPTION	DATE





SECTION A-A
SCALE 2.000



SECTION B-B
SCALE 2.000

NOTES	
1	MATERIAL: BLACK PVC
2	BREAK ALL EDGES

TOLERANCES		ORIGINATOR	T. Chase	20-Jun-11
.X	±0.1	DRAWN BY	J. Legatt	20-Jun-11
.XX	±0.01	CHECKED		
.XXX	±0.001	APPROVED		
ANGLES	±0.5	USED ON: NOvA manifolds		

NOvA Experiment (Fermilab E929)

UNIVERSITY OF MINNESOTA

Fiber Cover

	Model Type:	Model File Name:	Drawing File Name	
	PART	FD_4_FIBER_COVER	FD_4_FIBER_COVER	
	Scale	Drawing Number	Revision	Sheet
	0.500:1			7 of 7
Finish	All dimensions are in mm unless specified otherwise			