

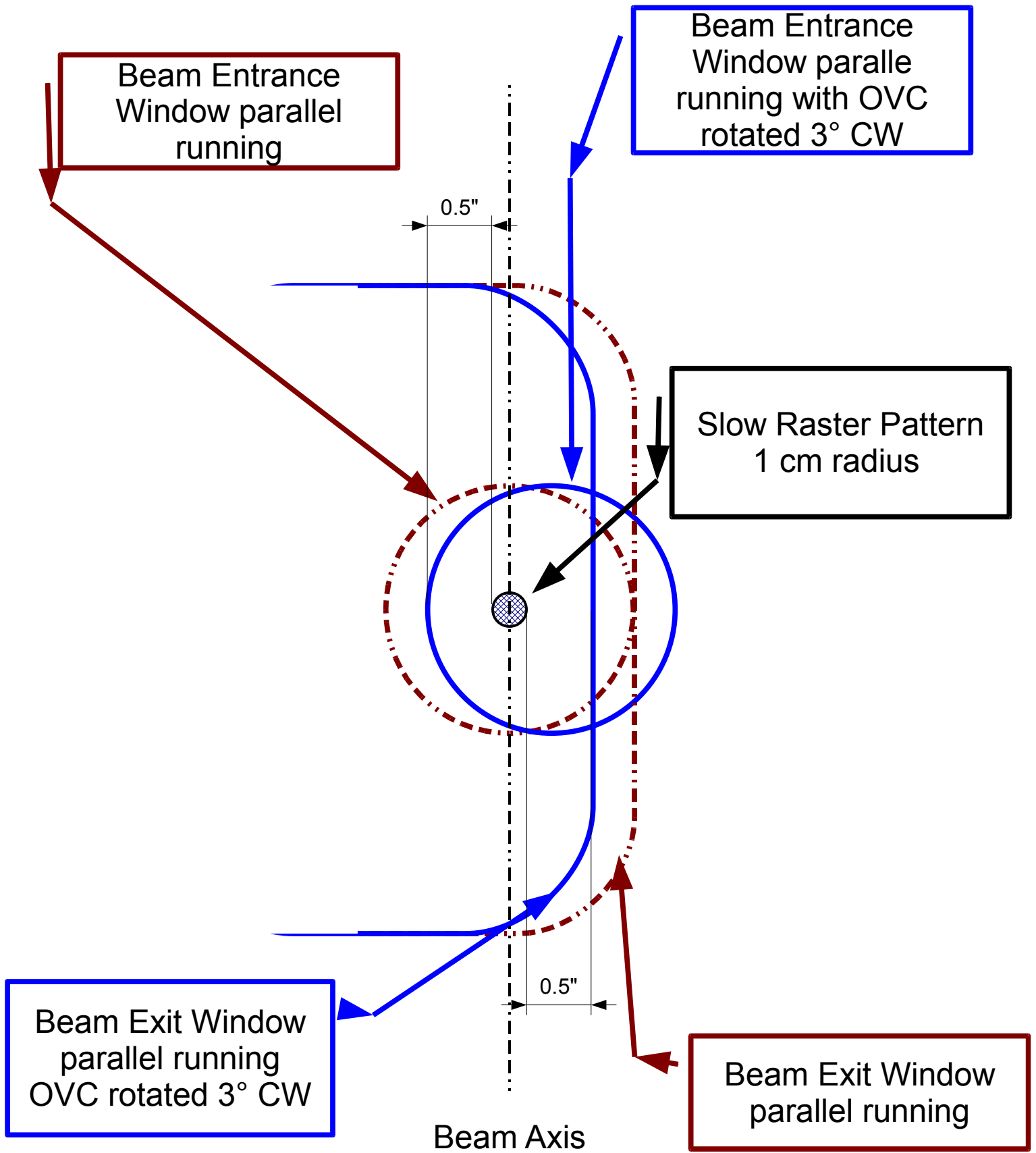
"40°" window for parallel running, rotated clockwise 3°

40°

SANE Solid Angle for BigCal at 340 cm

Scale = 1:3

Dimensions from Dwg. No. 67504-0017 Rev B



Scale = 1:3

Dimensions from Dwg. No. 67504-0017 Rev B

	Radii			Angles	
	in	cm		°	radians
To 20" reference plane	20	50.8	"40°" window	16	0.279
Window corners	3	7.62	Tangent to top corner	6.646	0.116
To OVC wall center	18.375	46.673	Window rotation (CW)	3	0.052

	Arcs			Plane projections	
	in	cm		in	cm
At 20" radius	5.131	13.033	20" reference plane	5.735	14.567
Window center to corner tgt	2.131	5.413	Window center to corner tgt	2.33	5.919
			3° rotated window edge	4.617	11.728
			edge shift (CW)	1.118	2.839

Solid angle dimensions	z		x		y	
	cm	cm	in	cm	in	in
BigCal	340	218	85.827	120	47.244	
Solid angle plane projection at 20"	50.8	32.572	12.824	17.929	7.059	

Beam Entrance & Exit Windows

	Radii			Angles	
	in	cm		°	radians
OVC I. D.	17.875	45.403	Beam Exit Window	9	0.157
			Window rotation (CW)	3	0.052

	Plane projections	
	in	cm
Window edge	2.831	7.191
3° rotated window edge	1.879	4.772
edges dx	0.952	

For drawing exit centered window: use a copy of 40° window - change width to 2*window edge*1/3 (scale)
 For drawing rotated window: use a copy of centered window - shift right edge by -dx/3