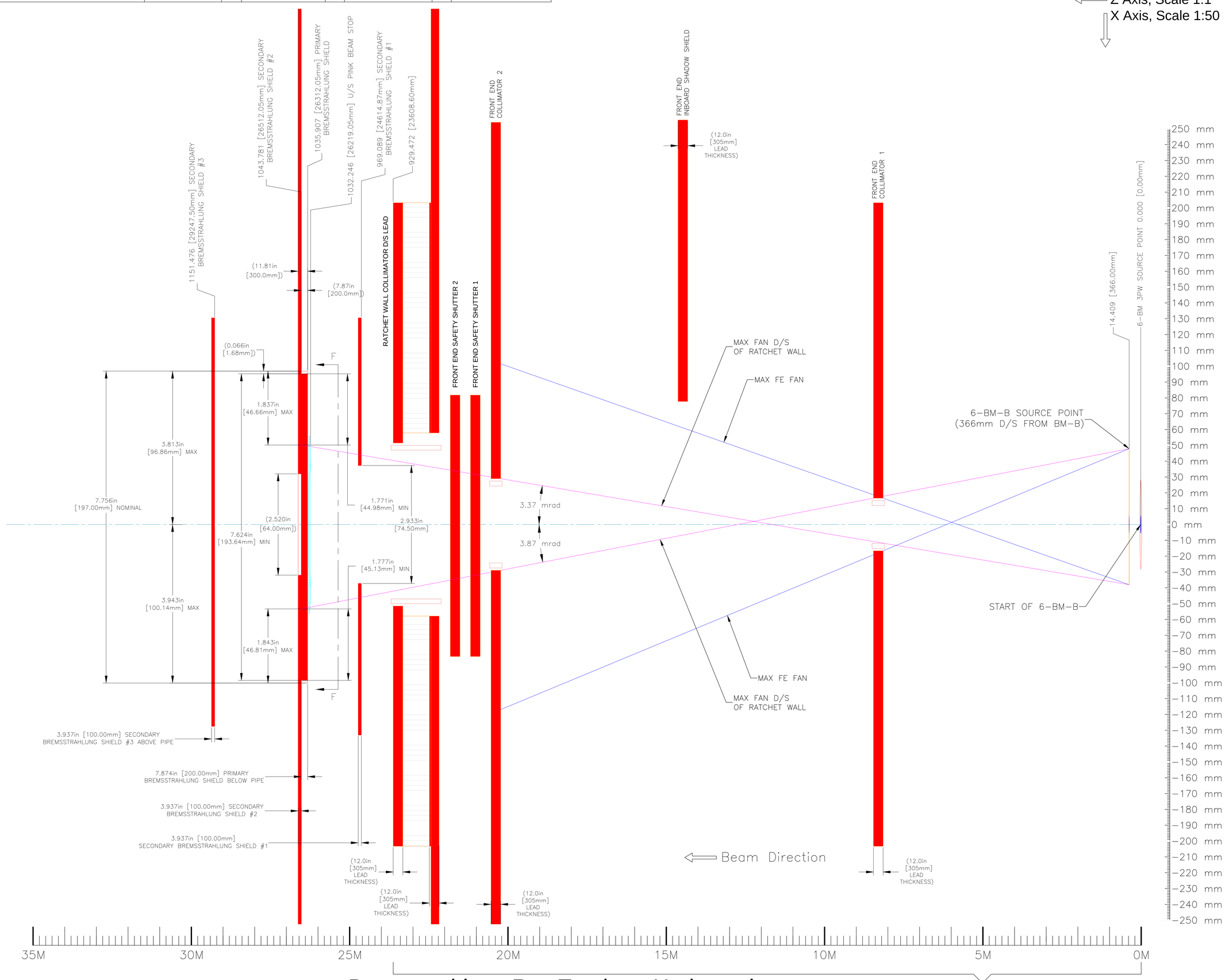
TABLE OF TOLERANCED DIMENSIONS (mm)

LINE	DESCRIPTION	NOMINAL	±	FABRICATION	±	POSITION	=	TOTAL
1	PRIMARY BREMSSTRAHLUNG SHIELD	197.00	–	2X .18	–	2X 1.50	=	193.64 MIN



Bremsstrahlung Ray Tracing - Horizontal

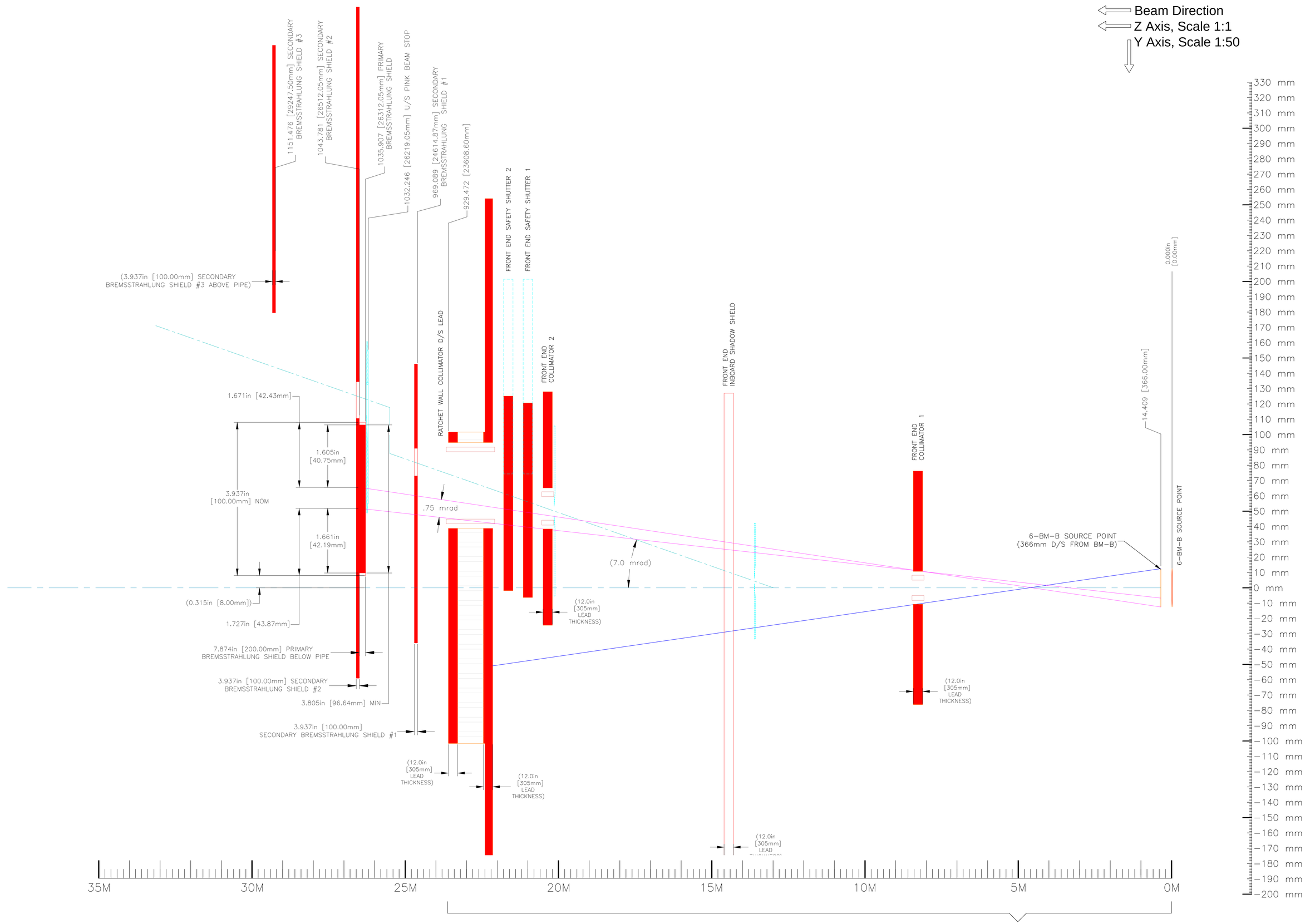
Scale 1:40

SEE FRONT END RAY TRACING
SR-FE-3PW-8001

SHEET SIZE	DRAWING/PART NUMBER	REVISION
E	PD-BMM-RAYT-0001	A

ESH&Q RISK LEVEL A-1 SHEET 4 OF 6

TABLE OF TOLERANCED DIMENSIONS (mm)								
LINE	DESCRIPTION	NOMINAL	±	FABRICATION	±	POSITION	=	TOTAL
1	PRIMARY BREMSSTRAHLUNG SHIELD	100.00	–	2X .18	–	2X 1.50	=	96.64 MIN



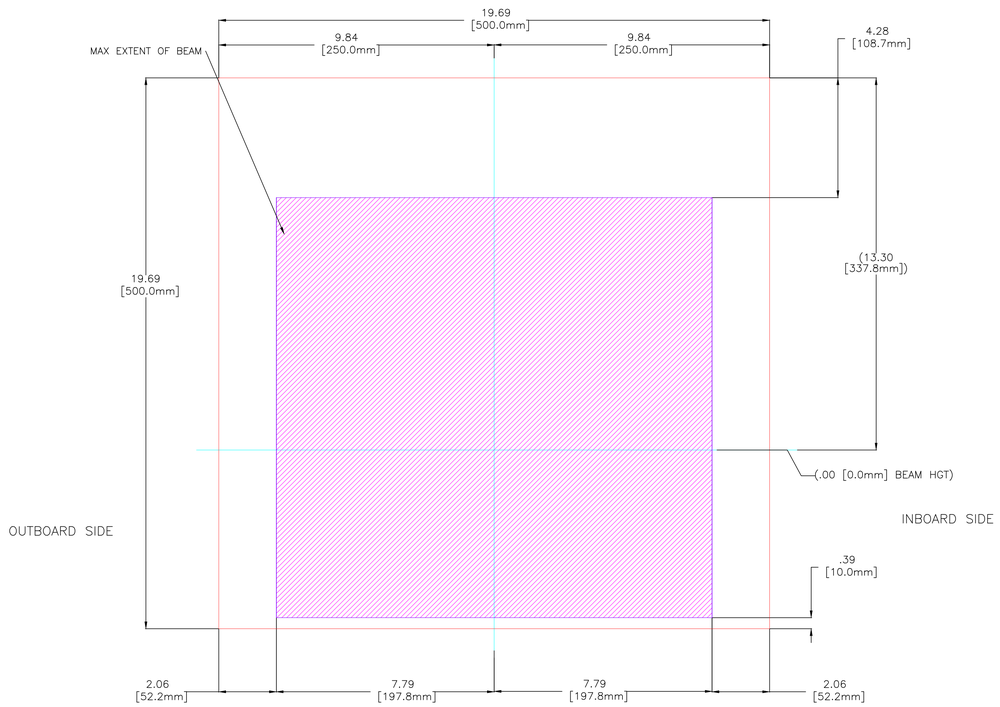
Bremsstrahlung Ray Tracing - Vertical

Scale 1:40

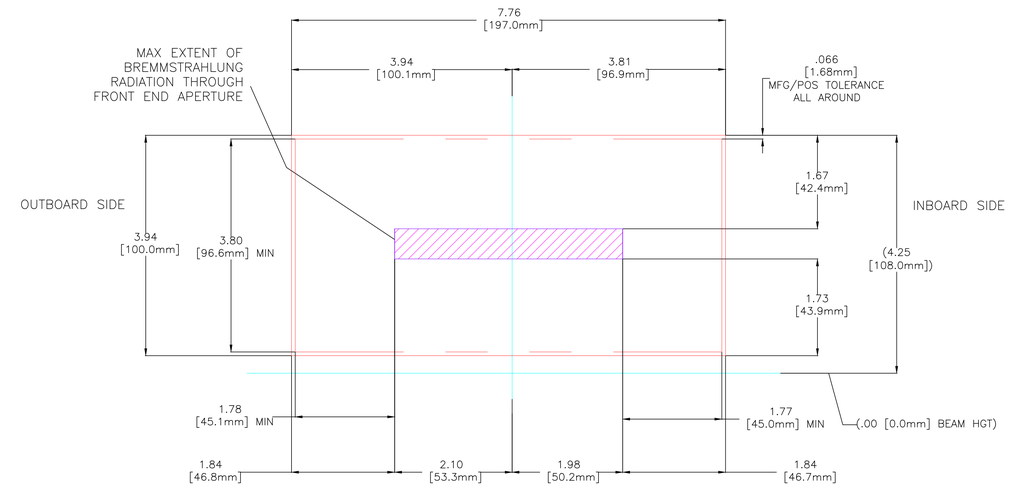
SEE FRONT END RAY TRACING
SR-FE-3PW-8001

E	PD-BMM-RAYT-0001	A
SHEET SIZE	DRAWING/PART NUMBER	REVISION

ESH&Q RISK LEVEL A-1 SHEET 5 OF 6



DETAIL A–A BEAM STOP
SCALE: 1:2



DETAIL F–F BREMSSTRAHLUNG STOP
SCALE: 1:1

NOTE:
VIEW ON 'F–F' – FRONT FACE OF FIRST BREMMSTRAHLUNG COLLIMATOR, IN AIR, LEAD LENGTH 300mm AT 26.312 m

E (SHEET SIZE)	PD-BMM-RAYT-0001 (DRAWING/PART NUMBER)	A (REVISION)
ESH&Q RISK LEVEL A-1		SHEET 6 OF 6