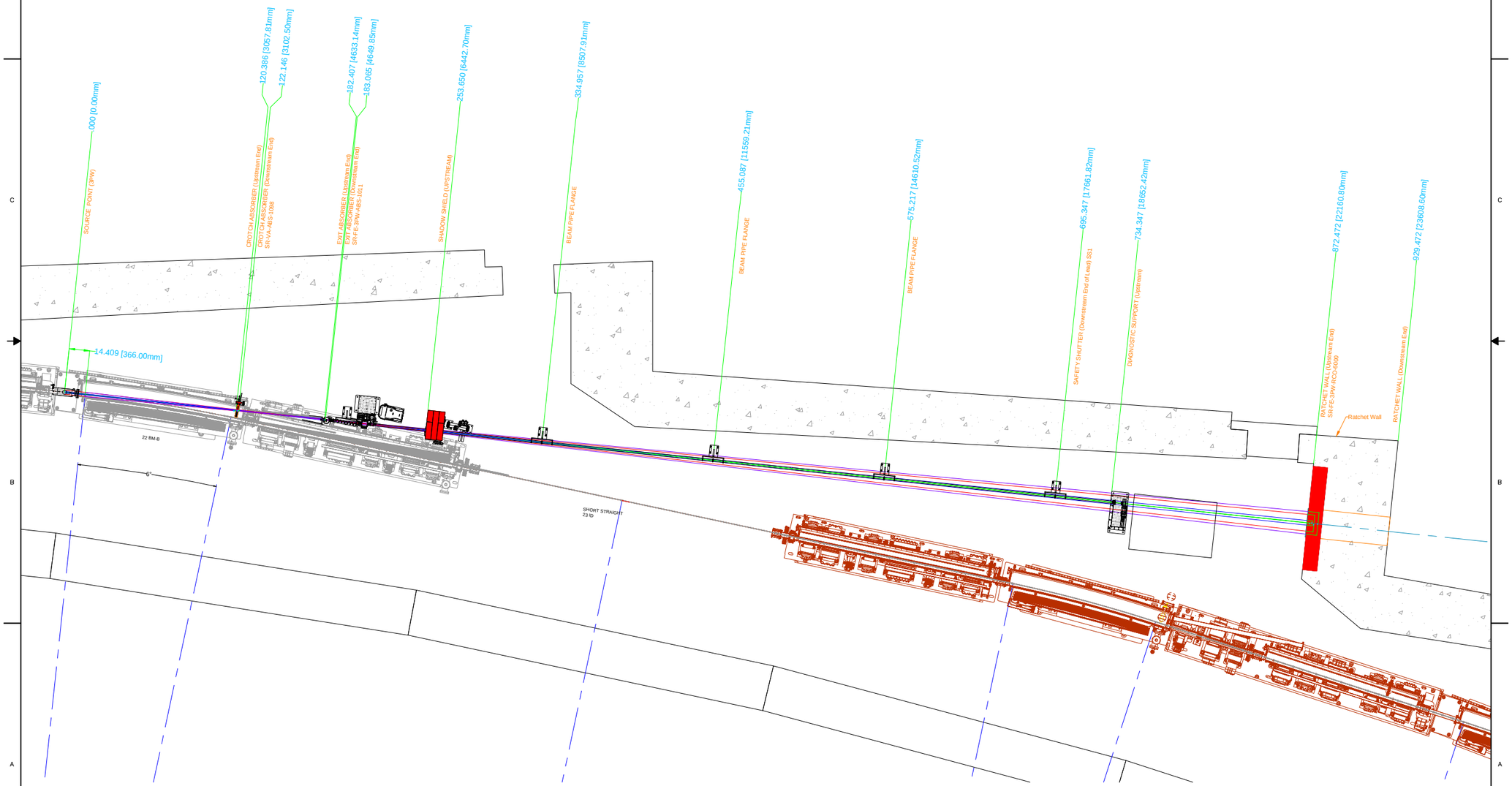
REVISION HISTORY					
REV	DESCRIPTION	DATE	DESIGNER	CHECKED BY	ENGINEER
A	RELEASE PER ECO-004987	3/2017	J. TUOZZOLO	C. STELMACH	B. KOSCIUK



HATCH LEGEND

	Lead
	Concrete
	Aluminum

CELL 22-BM, COMPONENT LAYOUT

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
DIMENSIONS IN BRACKETS [mm] ARE FOR REFERENCE ONLY
DIMENSIONS AND SPECIFICATIONS ARE FOR REFERENCE ONLY
DESIGNED DRAWING AS PER ANSI Y14.5-2009 OR YELS-GPS

DIMENSIONAL TOLERANCE: X ± 0.060, X.X ± 0.030, XX ± 0.015, XXX ± 0.005
ANGULAR TOLERANCE: ± .5°
FINISH: 125

BROOKHAVEN NATIONAL LABORATORY
BROOKHAVEN NATIONAL LABORATORY
BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK 11973
Exploring Life's Mysteries, Fostering the Future

NSLS-II NATIONAL SYNCHROTRON LIGHT SOURCE II

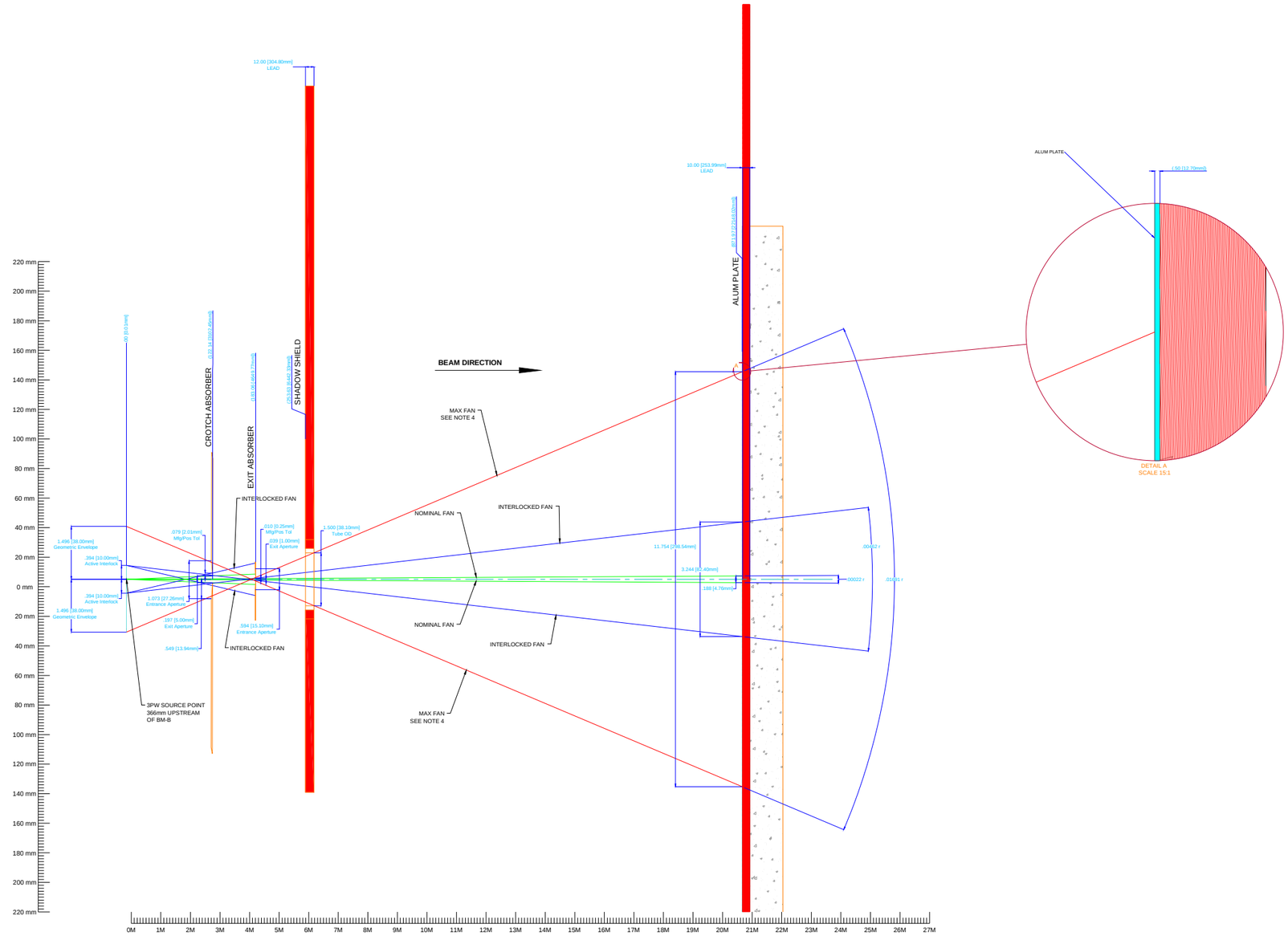
DRAWN BY	J. TUOZZOLO	3/2017
CHECKED BY	CA/ML	3/2017
DISCIPLINE ENGINEER	B KOSCIUK	3/2017
DISCIPLINE ENGINEER	D PADRAZO	3/2017
Safety APPROVAL	A ACKERMAN	3/2017
QA APPROVAL	E CHESWICK	3/2017

STORAGE RING
FRONT END, CELL 22
RAY TRACING

NEXT ASSY:	N/A		
PROJECT:	NSLS-II		
THIRD ANGLE PROJECTION	SCALE: SEE DWG VIEW	WBS# 4.2.4.14	

E — SHEET SIZE
SR-DG-BL-8001 — DRAWING/PART NUMBER
A — REVISION
ES&H&Q RISK LEVEL: A-1
SHEET 1 OF 5

RELEASED – EFFECTIVE



HORIZONTAL
SCALE: X:Z = 1:50

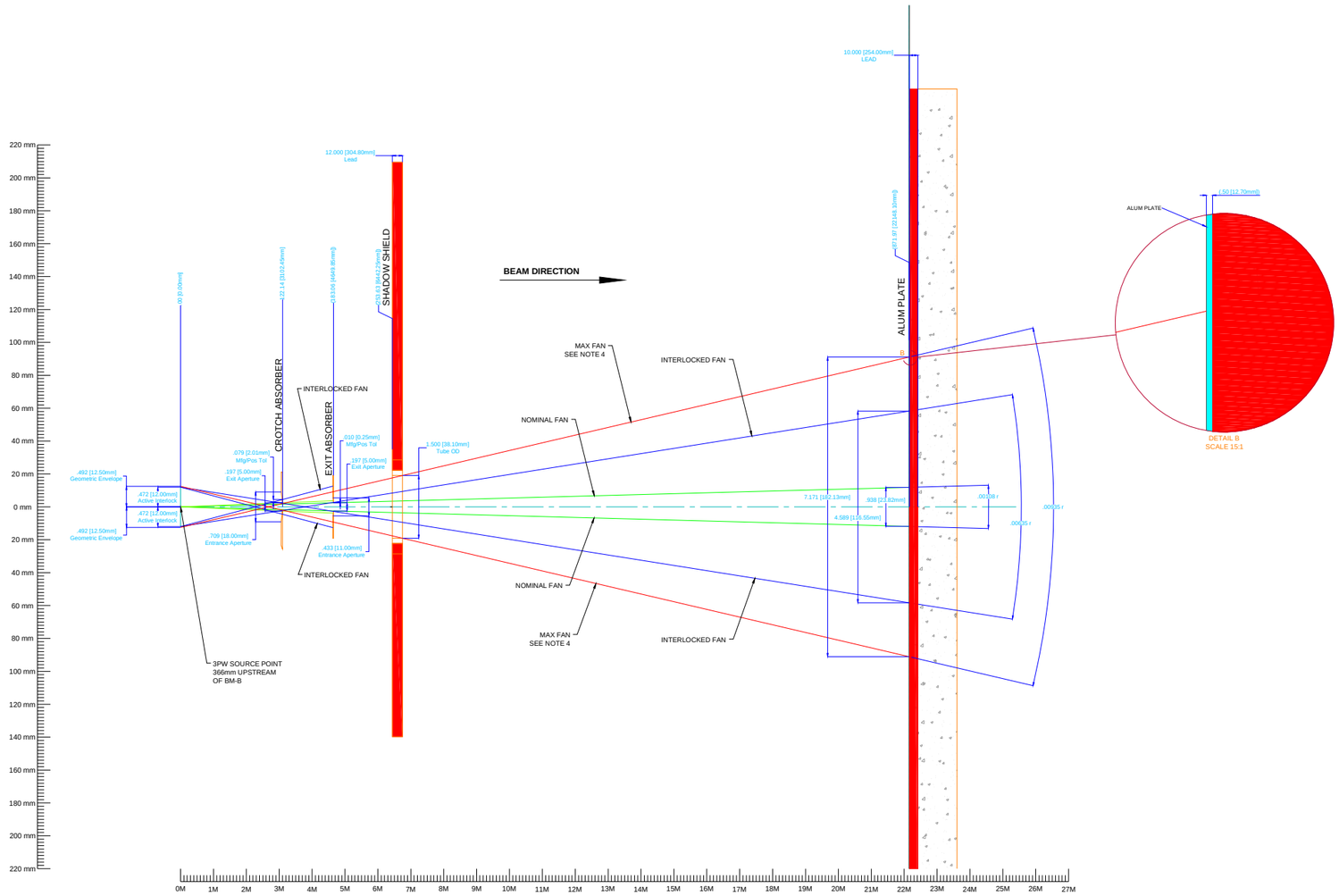
NOTE:

1. 3PW SOURCE POINT (ORIGIN) IS 366mm UPSTREAM OF BM-B.
2. ALL APERTURES SHOWN ARE NOMINAL VALUES WITH TOLERANCES SHOWN.
3. ALL APERTURES & TOLERANCES ARE ASSUMED TO BE SYMMETRIC ABOUT THE COMPONENT CENTERLINE UNLESS OTHERWISE SHOWN.
4. SEE DOCUMENT NSLSII-MEG-RPT-001 "FRONT END COLLIMATOR CHAMBER HEATING EXPERIMENT"

CELL 22-BM, SYNCHROTRON RAY TRACING HORIZONTAL

E	SR-DG-BL-8001	A
ESH&Q RISK LEVEL	A-1	SHEET 2 OF 5

RELEASED – EFFECTIVE



VERTICAL
SCALE: Y:Z = 1:50

NOTE:

1. 3PW SOURCE POINT (ORIGIN) IS 366mm UPSTREAM OF BM-B.
2. ALL APERTURES SHOWN ARE NOMINAL VALUES WITH TOLERANCES SHOWN.
3. ALL APERTURES & TOLERANCES ARE ASSUMED TO BE SYMMETRIC ABOUT THE COMPONENT CENTERLINE UNLESS OTHERWISE SHOWN.
4. SEE DOCUMENT NSLSII-MEG-RPT-001 "FRONT END COLLIMATOR CHAMBER HEATING EXPERIMENT"

CELL 22-BM, SYNCHROTRON RAY TRACING VERTICAL

E	SR-DG-BL-8001	A
ESH&Q RISK LEVEL A-1		SHEET 3 OF 5

RELEASED – EFFECTIVE