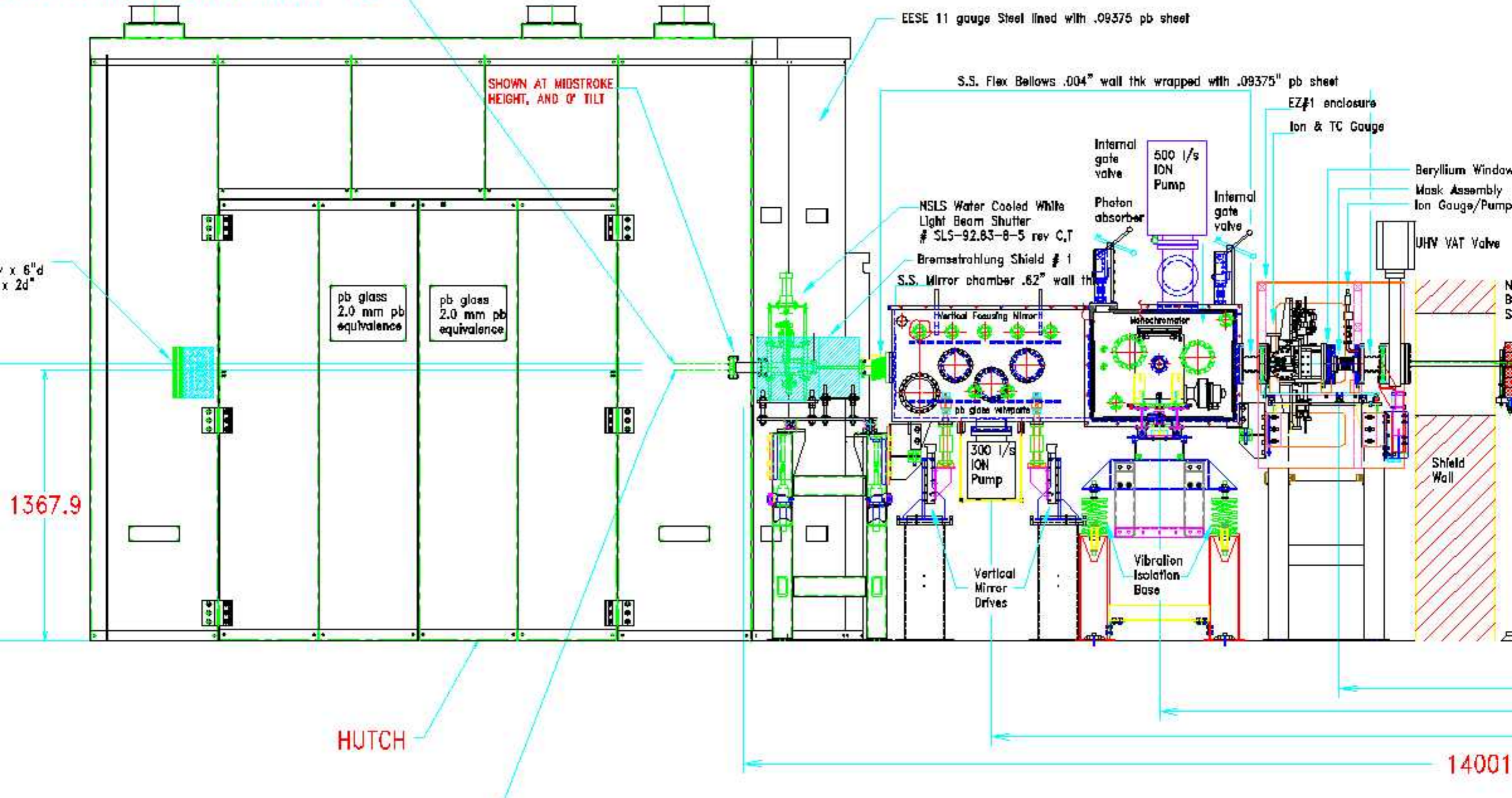


LIGHT AT WHITE LIGHT AND 0° TILT



SHOWN AT MIDSTROKE HEIGHT, AND 0° TILT

EESE 11 gauge Steel lined with .09375 pb sheet

S.S. Flex Bellows .004" wall thk wrapped with .09375" pb sheet

EZ#1 enclosure
Ion & TC Gauge

Beryllium Window
Mask Assembly
Ion Gauge/Pump

UHV VAT Valve

Shield Wall

pb glass
2.0 mm pb
equivalence

pb glass
2.0 mm pb
equivalence

NSLS Water Cooled White
Light Beam Shutter
SLS-92.83-8-5 rev C.T

Bremsstrahlung Shield # 1
S.S. Mirror chamber .62" wall thk

Internal
gate valve

500 l/s
ION
Pump

Internal
gate valve

Vertical Focusing Mirror

Monochromator

300 l/s
ION
Pump

Vertical
Mirror
Drives

Vibration
Isolation
Base

HUTCH

14001

IT HEIGHT AT MONOCHROMATIC AND 0° TILT

X-29 ELEVATION VIEW (S)