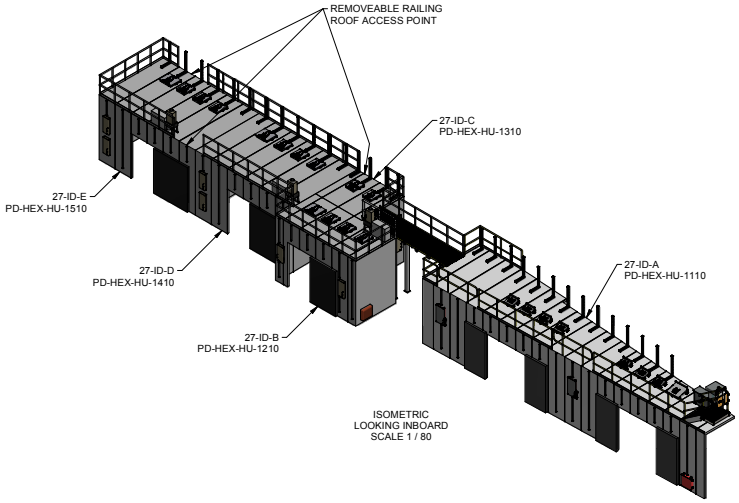
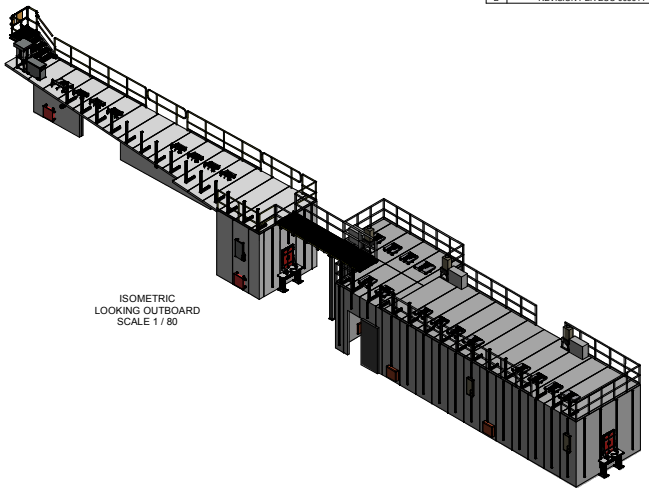
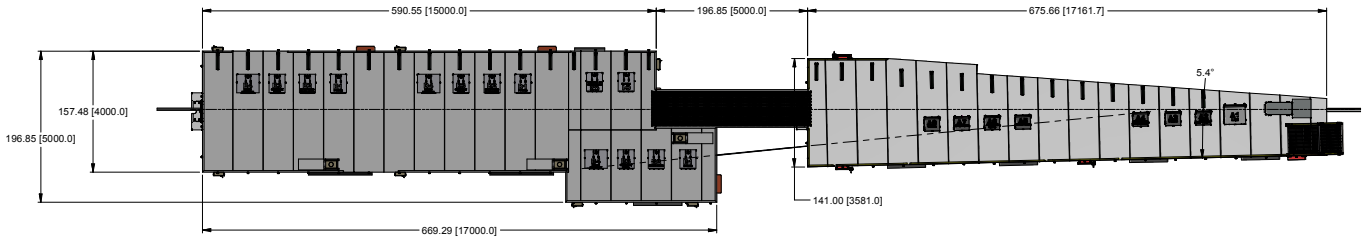
REVISION HISTORY					
REV	DESCRIPTION	DATE	DESIGNER	CHECKED BY	ENGINEER
A	RELEASE PER ECO-005534	07/2018	A.DESANTIS	R. GAMBELLA	M.LUCAS
B	REVISION PER ECO-005644	10/2018	A.DESANTIS	R. GAMBELLA	M.LUCAS



ISOMETRIC
LOOKING INBOARD
SCALE 1 / 80

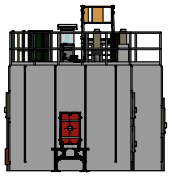


ISOMETRIC
LOOKING OUTBOARD
SCALE 1 / 80

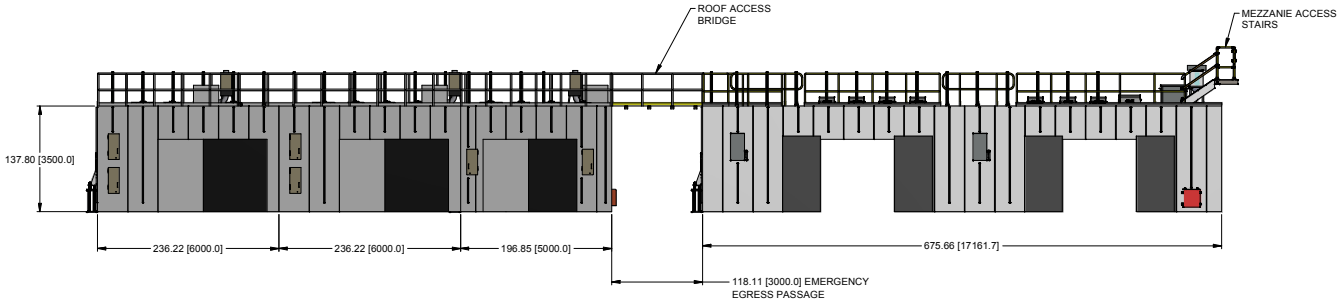


PLAN VIEW
SCALE 1 / 60

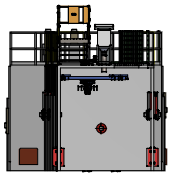
BEAM DIRECTION



ELEVATION VIEW
LOOKING UPSTREAM
SCALE 1 / 60



ELEVATION VIEW
LOOKING INBOARD
SCALE 1 / 60



ELEVATION VIEW
LOOKING DOWNSTREAM
SCALE 1 / 60

NOTES:
1. DETAILS FOR HUTCH REQUIREMENTS ARE OUTLINED IN THE BNL"TECHNICAL SPECIFICATION FOR THE NSLS-II LEAD/STEEL BEAMLINE SHIELDING ENCLOSURES", NSLSII-27ID-SPC-001.
2. 4' MINIMUM CLEARANCE REQUIRED BETWEEN ROOF ACCESS BRIDGE SUPPORT POSTS AT EMERGENCY EGRESS PASSAGE.

INTERFACE CONTROL DRAWING

REV B RELEASED AS DWFX

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
DIMENSIONS SHOWN IN BRACKETS ARE IN MILLIMETERS
ADDITIONAL DRAWING AS PER ASME Y14.5-2009 OR Y14.100-2004

GENERAL TOLERANCES		ANGLES OR FILLETS
.X ± 0.060		± 5°
.XX ± 0.030		
.XXX ± 0.005		125

SURFACE FINISHES & SHARP CORNERS ARE NOT SHOWN

SCALE: SEE DWG VIEW

THIRD ANGLE PROJECTION

BROOKHAVEN NATIONAL LABORATORY
BROOKHAVEN NATIONAL LABORATORY
BROOKHAVEN SCIENCE ASSOCIATES
UPTON, NEW YORK 11973
Exploring Life's Mysteries
Powering the Future

NSLSII
NATIONAL SYNCHROTRON LIGHT SOURCE II

DESIGN BY	A.DESANTIS	3/26/2018
CHECKED BY	R.GAMBELLA	07/2018
ENGINEERING APPROVAL		
DRAWING CHECKED	M.LUCAS	07/2018
SUPPLIER APPROVAL	A. BROADBENT	07/2018
SHIELDING APPROVAL	L.STIEGLER	07/2018
QA APPROVAL	J.ZIPPER	07/2018

PHOTON DIVISION0
HEX BEAMLINE
HUTCH LAYOUT, 27-ID BEAMLINE

NEXT ASSY:

PROJECT: NSLS II HEX BEAMLINE

WBS# 7.5.04.01

E
SIZE

PD-HEX-HU-1000
DRAWING/PART NUMBER

B
REVISION

ES&H/Q RISK LEVEL: A1

SHEET 1 OF 1

C:\Backup\dgn\PD\HEX\APD\HEX-HU-1000.dwg