

SPECIFICATIONS

SHIELDING REQUIREMENTS:

SIDE WALLS 3/8" THK LEAD
ROOF 3/8" THK LEAD

CONSTRUCTION: MODULAR
STRUCTURE: SELF-SUPPORTED

OVERALL DIMS:

.6M WIDE X 1.9M LONG X 1.9M HIGH [2' X 6' X 6']
CLEAR HEIGHT INSIDE: 1.8M [5.9']
CLEAR DOOR OPENING: 1.2M WIDE X 1.8M HIGH [3.8' X 5.8']

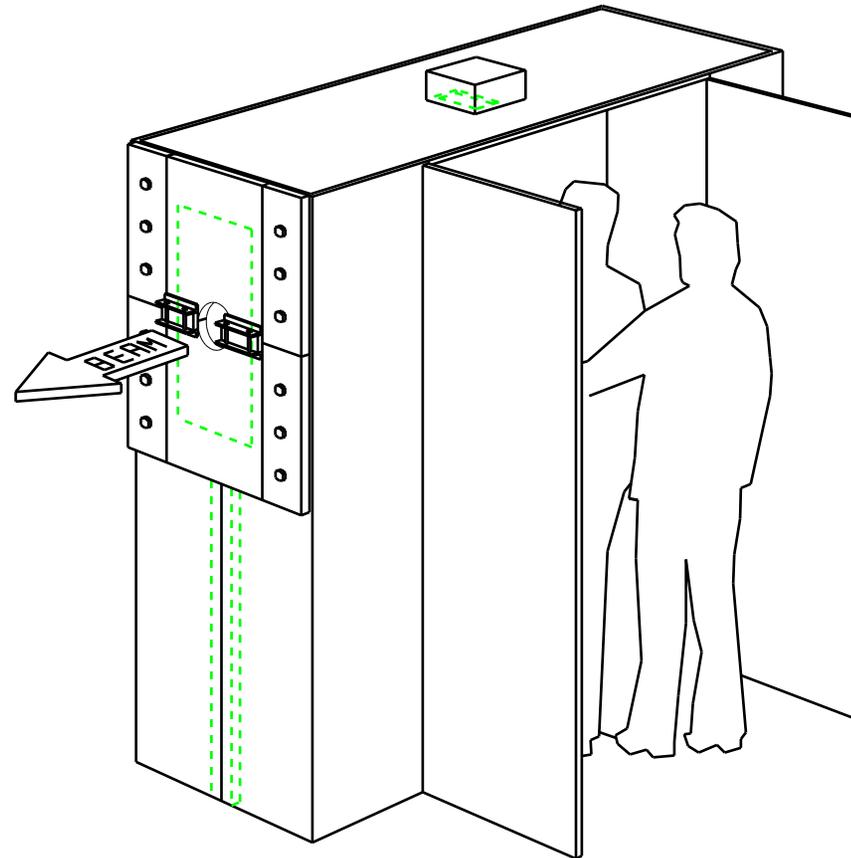
DOOR: TWO SWINGING DOOR EACH SIDE

STANDARD PANEL CONSTRUCTION:

SANDWICH: STEEL 3mm [1/8" (11Ga.)] + LEAD 10mm[3/8"] + STEEL 3mm [1/8" (11Ga.)]
STRUCTURE: UNISTRUT CHANNEL P3300 (1 5/8 x 7/8 x 12GA.), ALL AROUND

STANDARD DOOR PANEL: .6M WIDE X 1.8M HIGH [2' X 6']

ROOF LABYRINTH : UTILITIES, CABLES



U6 ID SHIELDED CABINET
POSITION MONITOR ASSEMBLY
A2302500 E 3 SHTS.
P4105090606-400000-00

DRAWING TREE, PERSPECTIVE AND SPECS
PLAN & ELEVATIONS
SECTIONS

U6 BM SHIELDED CABINET
CORNER PANEL - RIGHT
A2239700 E
P4105090606-900001-00

U6 ID SHIELDED CABINET
TRIM - SHORT
A2240200 D
P4105090606-900006-00

U6 ID SHIELDED CABINET
DOOR HANDLE
A2240700 D
P4105090606-900011-00

U6 BM SHIELDED CABINET
CORNER PANEL - LEFT
A2239800 E
P4105090606-900002-00

U6 ID SHIELDED CABINET
TRIM - LONG
A2240300 D
P4105090606-900007-00

U6 ID SHIELDED CABINET
TRIM - STANDARD
A2240900 D
P4105090606-900013-00

U6 BM SHIELDED CABINET
DOOR PANEL
A2239900 D
P4105090606-900003-00

U6 ID SHIELDED CABINET
TRIM - L.H.
A2240400 D
P4105090606-900008-00

U6 BM SHIELDED CABINET
ROOF PANEL
A2302600 D
P4105090606-400001-00

U6 ID SHIELDED CABINET
TRIM - R.H.
A2240500 D
P4105090606-900009-00

U6 BM SHIELDED CABINET
5 1/4" ENTRY COVER
A2240100 D
P4105090606-900005-00

U6 ID SHIELDED CABINET
ROOF LABYRINTH
A2240600 D
P4105090606-900010-00

NOTES:

- 1- THE CABINET MANUFACTURER SHALL BE RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE HUTCH, AND SHALL CERTIFY THAT THE STRUCTURE WAS REVIEWED BY A LICENSED STRUCTURAL ENGINEER. STRUCTURES AND THEIR ELEMENTS SHALL BE BUILT FOLLOWING DOE 6430 AS REFERRED TO IN TECHNICAL SPECS.
- 2- LEAD THICKNESS IS SPECIFIED BY ARGONNE.
THE MANUFACTURER SHALL BE RESPONSIBLE FOR PROVIDING A RADIATION LEAK PROOF HUTCH. LEAD LINED PANELS SHALL BE CONSTRUCTED FROM SINGLE UNPIERCED SHEET, FREE OF OXIDE INCLUSIONS, FISSURES, VOIDS AND ALL OTHER DETRIMENTAL DEFECTS. MATERIAL SHALL BE LEAD GRADE 'C' TO COMPLY WITH FEDERAL SPECIFICATION QQ-L-201. CABINET SHALL MEET ALL APPLICABLE RADIATION GUIDE LINES REFERRED TO IN TECHNICAL SPECS.

A2302500		ARGONNE NATIONAL LABORATORY	
CONTRACT NO. 720958		ADVANCED PHOTON SOURCE	
DESIGNED BY: SANCHEZ-CORQUEBRAN		U6 ID SHIELDED CABINET POSITION MONITOR ASSEMBLY (5 1/4" ENTRY PANELS)	
DWG. TREE, PERSP. AND SPECS		1/8"-1	
E		P4105090606-400000-00	