

SPECIFICATIONS

SHIELDING REQUIREMENTS:

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

CONSTRUCTION: MODULAR

STRUCTURE: SELF-SUPPORTED

OVERALL DIMS:

.91M WIDE X 1.5M LONG X 2.44M HIGH [3' X 5' X 8']  
CLEAR HEIGHT INSIDE: 2.3M [7.5']  
DOOR OPENING: 2.1M HIGH X 1.16M WIDE [6.9' X 3.8']

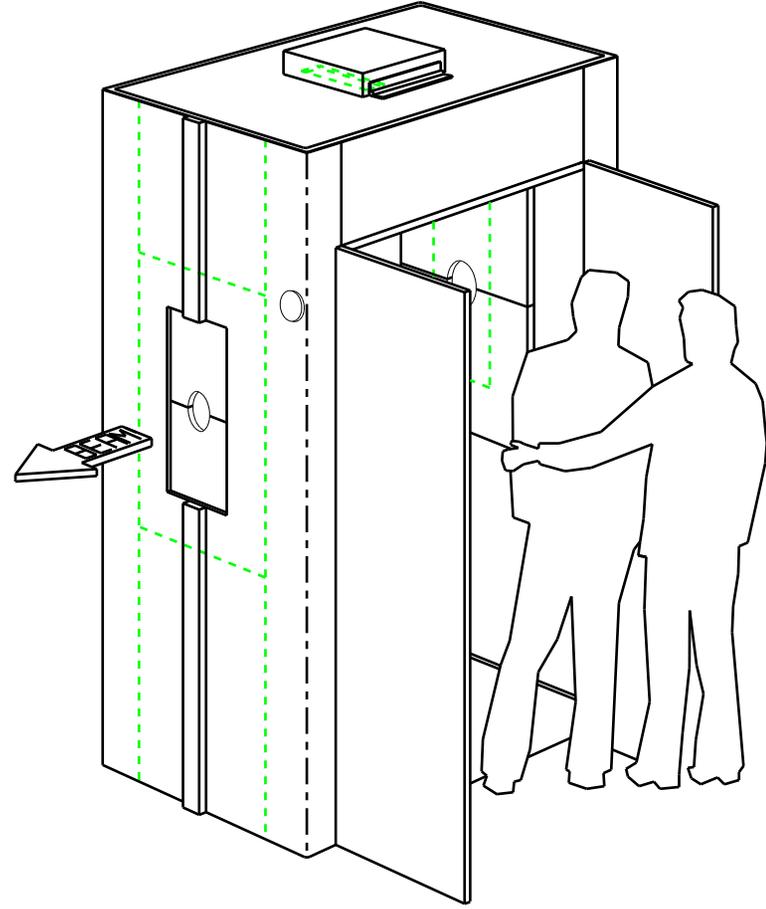
DOOR: TWO SWINGING DOORS IN EACH SIDE

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

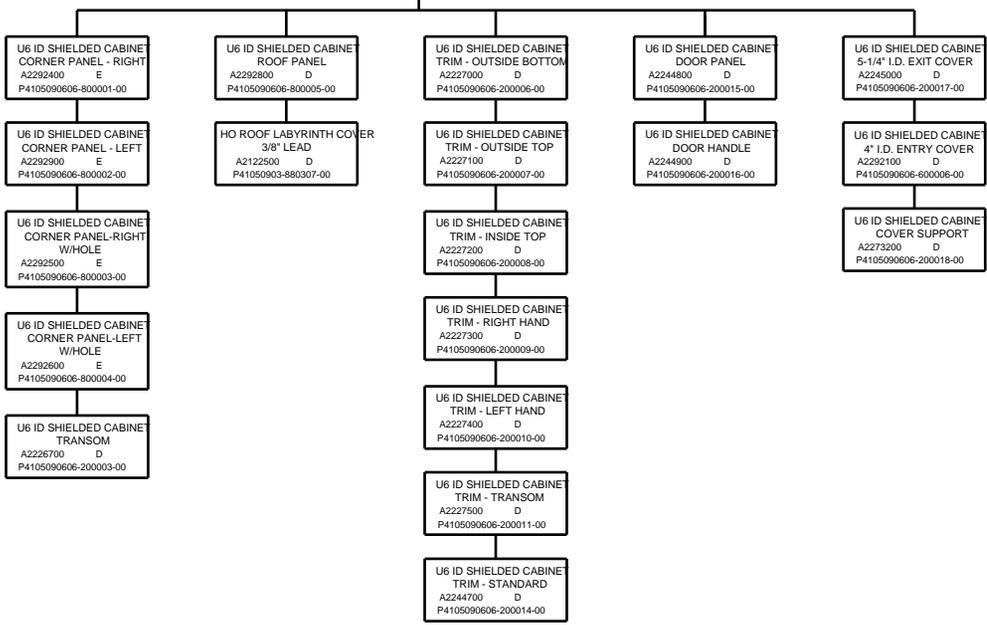
STANDARD DOOR PANEL: .6M WIDE X 2.1M HIGH [2' X 7']

ROOF LABYRINTH : UTILITIES, CABLES



U6 ID SHIELDED CABINET  
P8 PHOTON SHUTTER ASSY.  
A2292300 E 3 SHTS.  
P4105090606-800000-00

DRAWING TREE, PERSPECTIVE AND SPECIFICATIONS  
PLAN & ELEVATIONS  
SECTIONS



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 AS REFERRED TO IN TECHNICAL SPECS.

ARGONNE NATIONAL LABORATORY  
ADVANCED PHOTON SOURCE  
U6 ID SHIELDED CABINET  
P8 PHOTON SHUTTER  
ASSEMBLY  
DWG. TREE, PERSP. AND SPECS  
A2292300  
J.S. PALANCHAU  
SANchezPALA