

SPECIFICATIONS

SHIELDING REQUIREMENTS:

SIDE WALLS 1/4" THK LEAD
ROOF 1/4" THK LEAD

CONSTRUCTION: MODULAR
STRUCTURE: SELF-SUPPORTED

OVERALL DIMS:

1.5M WIDE X 1.83 LONG X 2.44M HIGH [5' X 6' X 8']
CLEAR HEIGHT INSIDE: 2.3M [7.5']
DOOR OPENING: 2.1M HIGH X 1.16M WIDE [6.9' X 3.8']

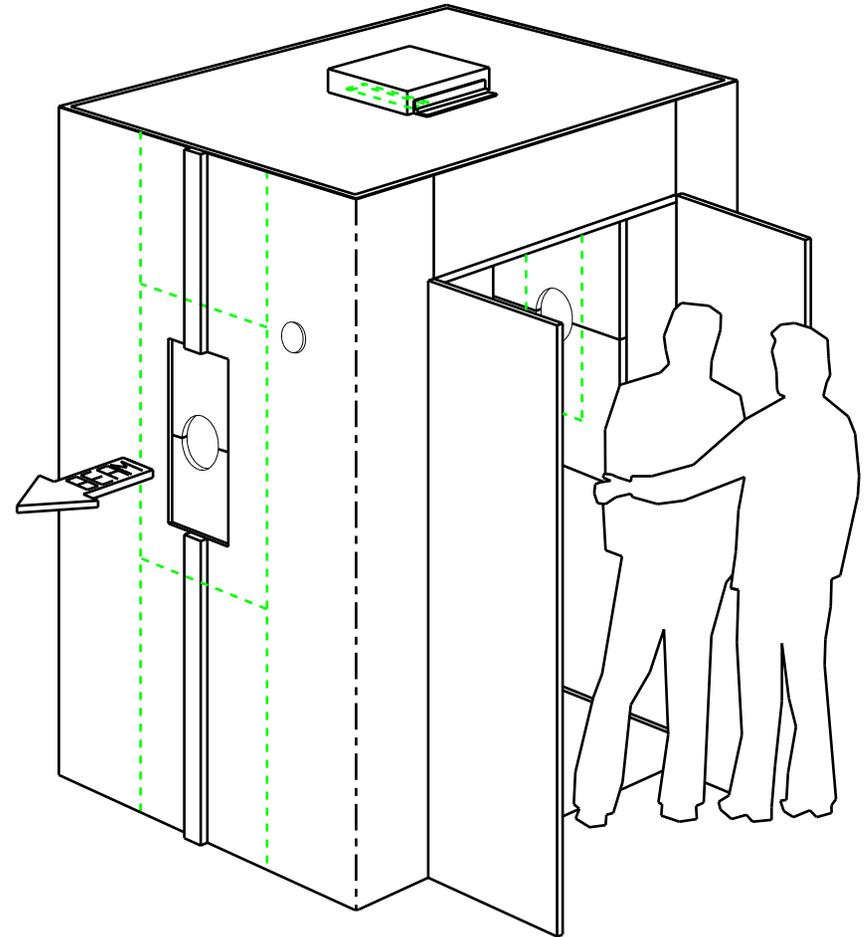
DOOR: TWO SWINGING DOORS IN EACH SIDE

STANDARD PANEL CONSTRUCTION:

SANDWICH: STEEL 3mm [1/8" (11Ga.)] + LEAD 6mm[1/4"] + STEEL 3mm [1/8" (11Ga.)]
STRUCTURE: UNISTRUT CHANNEL P3300 1 5/8 X 7/8 X 12GA., ALL AROUND

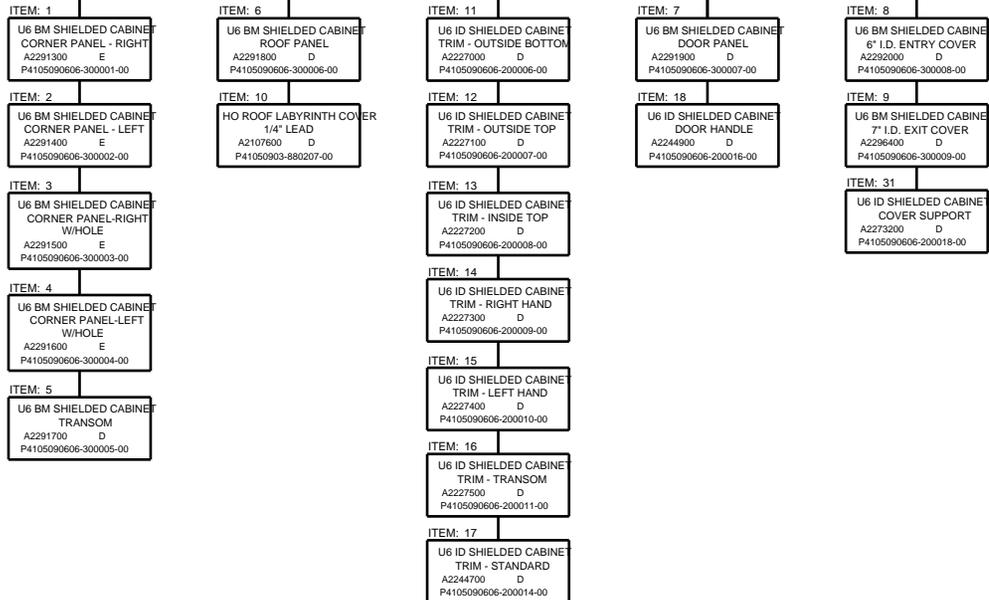
STANDARD DOOR PANEL: .6M WIDE X 2.1M HIGH [2' X 7']

ROOF LABYRINTH : UTILITIES, CABLES



U6 BM SHIELDED CABINET
L4 & P8 SHUTTER & SLITS
ASSEMBLY
A2291200 E 3 SHTS.
P4105090606-300000-00

DRAWING TREE, PERSPECTIVE & 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.

Table with project information including Argonne National Laboratory logo, project name 'U6 BM SHIELDED CABINET L4 & P8 SHUTTER & SLITS ASSEMBLY', drawing title 'DWG. TREE, PERSP. & SPECS', scale '1/8=1', and drawing number 'P4105090606-300000-00'.