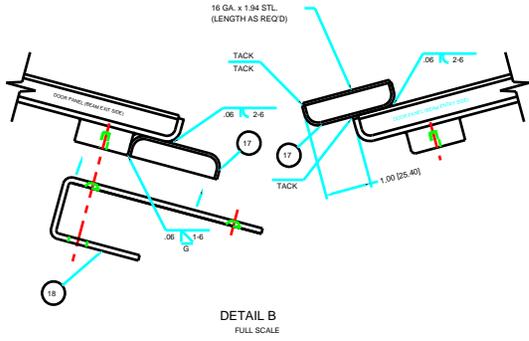
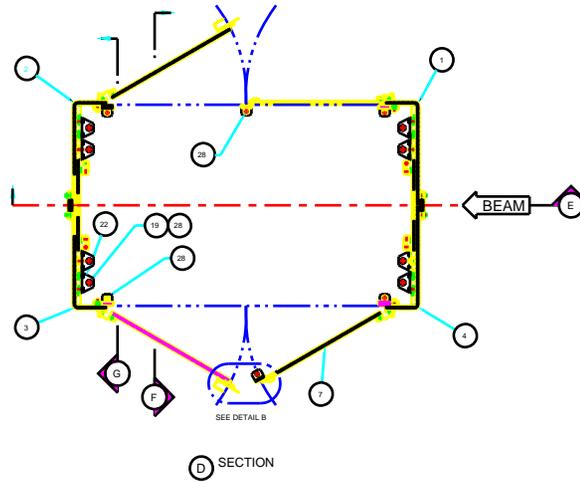


NOTES:

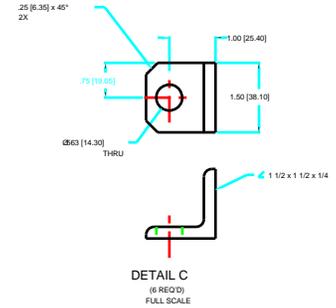
1. LEAD PANELS SHALL BE CONSTRUCTED FROM SINGLE UNPIERCED SHEET, FREE OF OXIDE INCLUSIONS, FISSURES, VOIDS AND ALL OTHER DETRIMENTAL DEFECTS. MATERIAL SHALL BE LEAD GRADE "C" TO COMPLY WITH FEDERAL SPECIFICATION-QCQ201. CABINET SHALL MEET ALL APPLICABLE FEDERAL, STATE AND LOCAL RADIATION GUIDE LINES: NBS HANDBOOK 111 AND 114, ANS N432 AND DOE ORDER 5480.11.
2. PAINT EXPOSED LEAD SURFACES PER SPEC. (EXCEPT AS NOTED)
3. DIMENSIONS IN BRACKETS ( ) ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.
4. SOME HIDDEN LINES MAY BE OMITTED FOR CLARITY.



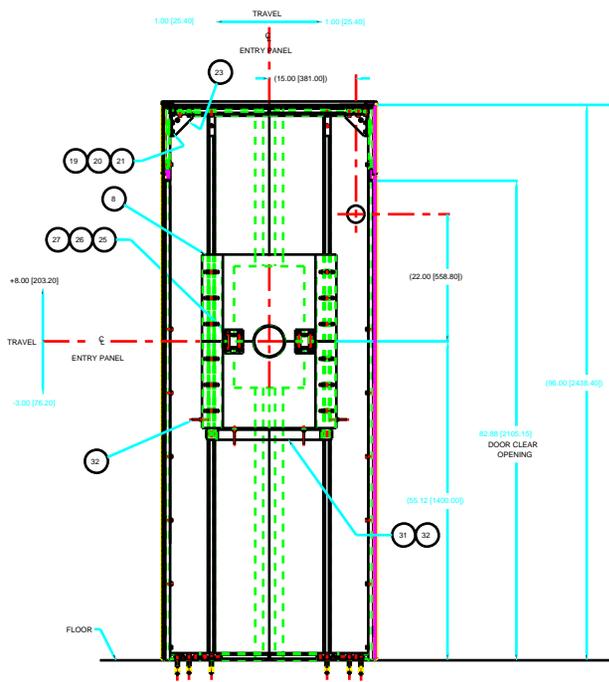
DETAIL B FULL SCALE



SECTION D

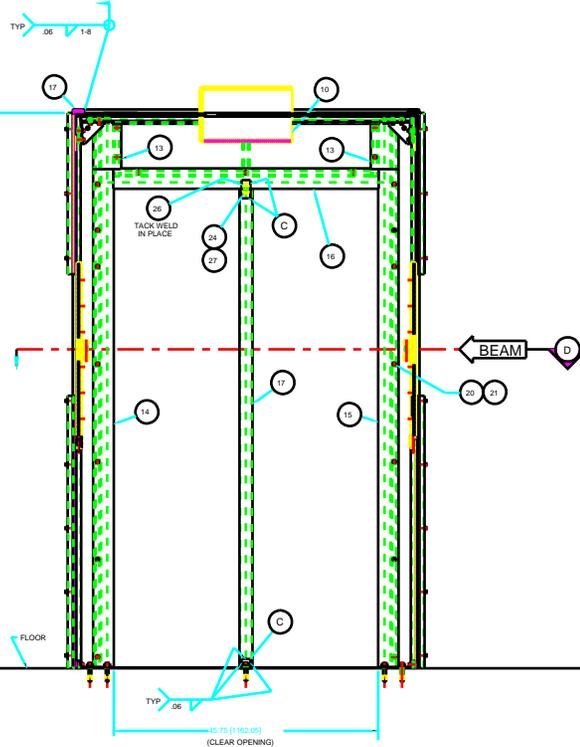


DETAIL C FULL SCALE

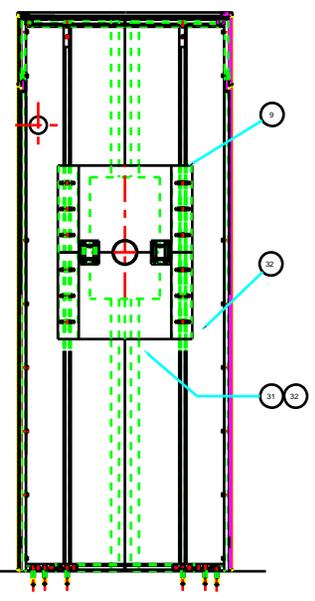


SECTION F

(ROOF LABYRINTH OMITTED FOR CLARITY)



SECTION E



SECTION G

A2292300		ARGONNE NATIONAL LABORATORY	
J.S. PALANCHAR ET AL		ADVANCED PHOTON SOURCE	
SANCHEZ/PALANCHAR		US ID SHIELDED CABINET P8 PHOTON SHUTTER ASSEMBLY	
SECTIONS		1/8"=1 E P4105090606-800000-00	