



**BOX PENETRATION SHIELDING @ STEEL STUD WALL/CEILING**

1  
3" = 1'-0"

**FIRE WALL SYSTEMS, UL LISTINGS:**

1. UL PARTITION DESIGN TO BE U430 AT ONE HOUR AND 2 HOUR RATED WALLS.

**GENERAL NOTES:**

1. BOX LOCATIONS TO BE CENTERED BETWEEN THE STUDS.
2. THIS DETAIL SIMILAR IF REQUIRED AT CEILING PENETRATIONS.

**SPECIFICATION NOTES:**

1. THE LEAD SHIELDING VALUE TO BE THE SAME AS THE SURROUNDING WALL, PARTITION OR CEILING. (SEE PLANS OR PHYSICIST RADIATION SHIELDING REPORT FOR LEAD THICKNESS VALUES). CUSTOMER / INSTALLER MUST VERIFY LEAD SHIELDING EQUIVALENCY REQUIREMENT PRIOR TO ORDERING.
2. ALL RAY-BAR SHEET LEAD IS 99.9% PURE MEETING FEDERAL SPC QQ-L-201F GRADE C AND ASTM B749 TYPE L51121 AND ALL APPLICABLE NCRP REPORTS.
3. ALL RAY BAR GYPSUM BOARD MEETS CLASSIFICATION ASTM C 36.
4. MINIMUM HEIGHT TO BE 7'-0" A.F.F. PER NCRP, (U.O.N.)

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JOB NAME:	
LOCATION:	
ROOM NUMBER:	
SHEET ____ OF ____:	

**BOX PENETRATION SHIELDING @ STL STUD**

**RAY-BAR ENGINEERING CORP.**

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2012-05-10

SCALE  
3" = 1'-0"

**LBG-PS1**