WOOD STUDS BY OTHERS, MAXIMUM SPACING 16" O.C.

2" WIDE LEAD BATTEN STRIPS, AT VERTICAL JOINTS. LEAD BATTENS TO BE THE SAME HEIGHT AND SAME THICKNESS AS LEAD ON DRYWALL BOARD.

LEAD DISCS COVERS ON SCREW HEADS, (OPTIONAL U.O.N.)

TYPE "W" DRYWALL SCREWS AS REQUIRED BY UL LISTINGS

LEAD BACKED DRYWALL TO WOOD STUDS, MAXIMUM SPACING 16" O.C.

INTERMEDIATE STUD

VERTICAL GYPSUM BOARD JOINT

RAY-BAR LEAD BACKED TYPE "RB-LBG", DRYWALL, LEAD TO "______" HIGH ON "______" HIGH BOARD, INSTALLED VERTICALLY, (NO SUBSTITUTIONS)

STUD @ VERTICAL JOINT

GENERAL NOTES:

1. STUDS MUST BE VERTICAL AND ON CENTER FOR VERTICAL INSTALLATION OF THE LEAD BACKED DRYWALL.
2. ALL PENETRATIONS IN LEAD LINED WALLS WILL BE BACKED WITH LEAD OF THE SAME THICKNESS AS ON THE SURROUNDING WALL.
3. ALL LEAD STRUCTURAL SUPPORT MUST BE REVIEWED BY A LICENSED STRUCTURAL ENGINEER.

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.)

FIRE WALL SYSTEMS, UL LISTINGS:

1. 1 - HOUR UL PARTITION DESIGN, #U305.
2. 2 - HOUR UL PARTITION DESIGN, #U301.

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