FINISH CEILING PER FINISH SCHEDULE

20 GAUGE METAL STUDS (MIN) AT 16"
O.C. MAX SPACING

RAY-BAR 5/8" LEAD BACKED GYPSUM BOARD
TYPE "RB-LBG", (NO SUBSTITUTIONS),
INSTALLED VERTICALLY.

LEAD THICKNESS AS NOTED ON FLOOR PLAN
OR RADIATION REPORT.

SECURE GYPSUM BOARD TO SUPPORTS WITH S-
12 STEEL SCREW FASTENERS SPACED 8" O.C. AT
PERIMETER AND 12" O.C. IN THE FIELD. DRIVE
FASTENERS SLIGHTLY BELOW EXPOSED
SURFACE AND SHIELD WITH EITHER LEAD DISCS,
TABLES OR INTERNALLY WITH 2" WIDE BATTEN
STRIPS, OR SIMPLY 1-1/4" LONG STEEL SCREWS
WHEN APPROPRIATE PER NCRP REPORT NO. 147
AND SPECIFICALLY APPROVED BY PROJECT
PHYSICIST OF RECORD.

METAL TRACT, 20 GAUGE (MIN) WITH
FASTENERS 24" O.C. MAX. SPACING.
BOTTOM METAL TRACT CONNECTION
TO SLAB, BY STRUCTURAL ENGINEER.

SPECIFICATION NOTES:
1. THE RAY-BAR 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. RAY BAR GYPSUM BOARD MEETS THE CLASSIFICATION OF ASTM
C 36, AMERICAN SOCIETY FOR TESTING AND MATERIALS—GYPSUM
WALL BOARD, TYPE “X”.
4. MINIMUM HEIGHT TO BE 7'-0" A.F.F. PER NCRP, (U.O.N.)
5. LEAD BACKED DRYWALL MUST BE INSTALLED VERTICALLY WITH
LONG EDGES CENTERED TO SUPPORTS.
6. ALL LEAD WALLS MUST BE REVIEWED BY A STRUCTURAL
ENGINEER FOR WALL DESIGN AND SUPPORT OF THE WALL.