SECTION 08 11 13 (08110) – HOLLOW METAL DOORS AND FRAMES

PART 1 – GENERAL

Hollow metal doors shall be used in high abuse areas such as entrances to utility rooms, service areas, mechanical rooms, dock areas, etc. Wood doors shall be used at these locations by exception only.

PART 2 – DESIGN GUIDELINES

16 gauge hollow metal frames shall be standard. Frames shall be double rabbet, 2” face with ½” returns. Throat to match wall thickness.

Standard door size shall be 3’ 0” X 7’ 0”, 16 gauge (14 gauge at exterior doors, insulated). Larger openings shall be provided as required by equipment sizes or room usage. Verify size of door required due to equipment size and path of travel.

Specify welded frames. Commercial knock down frames at interior locations are to be used by exception only and must be approved by the WUSM project manager.

Doors and frames shall be prepared and reinforced for required hardware. Doors and frames at cage wash and rack wash areas shall be stainless steel.

Exterior frames shall be grouted solid. Interior frames are not to be grouted.

Fire ratings, where applicable, shall be clearly labeled on doors and frames. Labels must be factory installed and bear the testing agency label.

Consider stainless steel kickplate(s) at high abuse areas, sized as required, to protect door from impact loads.

Biosafety Level 3 doors and frames must be epoxy painted steel. Reference design criteria from EH&S.

PART 3 – INSTALLATION

Interior frames shall be secured to stud wall construction with a minimum of three anchors per jamb for 7’-0” high frames, inline with the hinge locations.

Exterior frames shall be secured to adjacent construction with bolts or masonry anchorage devices at a minimum of three anchors per jamb for 7’0” high frames, in line with the hinge locations

END OF SECTION