PART I - GENERAL

1.01 Exterior and interior standard steel doors and frames including exterior insulated rolled steel doors and thermal break frames:

   A. Thermal breaks at all exterior frames and door glazing channels.

   B. Minimum double pane (U=.25BTU/hr-ft²-F center of glass maximum) safety glass for exterior door glazing.

1.02 Full welded frames at all conditions except where unavoidable at remodeled jambs.

1.03 Only metal doors on utilidor connections, mechanical rooms, and other utility rooms.

1.04 Coordinate hardware with Division 8 and 28. Provide door operators and security as requested by FS/DDC.

   A. For new construction, all exterior door entrances to be controlled via the Division 28 Security System. Also, allow for a door operator on each door that if deemed accessible for ADA.

      a. Supply raceways inside the frame or door for wiring.

   B. For renovations, consult with FS/DDC on operators and security.

   C. In general, the outside door remains unlocked and the inside door is locked in a vestibule arrangement.

PART 2 - PRODUCTS

2.01 Door bumpers required. Forged style wall bumpers. Provide solid backing in the walls.

2.02 All residential entry doors require security view ports.

2.03 Overhead doors: Use electrically operated overhead doors with bumper sensing door bottom. Fully insulated and sealed.

2.04 Exterior doors: 16 gauge faces, with polystyrene core, minimum R value of 14

2.05 Exterior frames: 14 gauge thick material, with integral thermal break

2.06 Interior doors: 16- gauge cold-rolled sheet steel faces

2.07 Interior frames: 14 gauge thick material, one piece, welded. Knock down only where necessary at remodel condition.
2.08 Provisions for hardware: Mortise, reinforce, and tap doors and frames at factory for hardware. Drill for door silencers as required. Provide plaster guards at strike pockets and door silencer locations. Reinforce for door closers whether or not closers are listed in the hardware schedule.

2.09 Finish:

A. Exterior units: hot dipped galvanized with factory applied oil based primer and finish coat in the field to provide a 20-year finish.

PART 3 – EXECUTION (NOT USED)

END OF SECTION