



Interesting Facts

- 18 Inch Thick Floor Slabs
- Thickest Wall is 18 Feet, 6 Inches
- Minimum Wall Thickness in the Proton Area is 6 Feet
- Gantry Ceiling Slabs are 8 Feet Thick
- Thickest Ceiling Slab is 11 Feet
- Largest Single Concrete Pour (Cyclotron Ceiling) 1,300 Cubic Yards = 5.1 Million Pounds (2560 Tons)
- Total Concrete = 17,421 Cubic Yards / 1,936 Trucks / 34,842 Tons or 66 mi of 5' wide Sidewalk
- Total Rebar = 980 Tons / 40 Trucks
- Unit Wt of Concrete (4,000 psi) - Shielding = 149 pcf / Standard = 138 pcf
- Total # of Caissons (pilings) = 123 (80-24" in diameter, 35-36" in diameter, 8-48" in diameter)
- Heaviest Piece of Precast Concrete = 66,000 lbs (2'x6'x40')
- 12 Miles of Electrical Conduit
- Gantries are 35' Square by 37' Tall
- Stainless Steel Embedded HVAC Ductwork