

| Building System Metrics - A10 Foundations |                      |      |  |
|---|----------------------|------|--|
| A10 Foundations - Brief Description       | Piles, Footings, SOG |      |  |
| Foundation Type                           | Concrete & Steel     |      |  |
| Concrete Foundations (8,000 psi)          | 3,976.37             | cy   |  |
| Reinforcing in Foundations                | 31.50                | tons |  |
| Steel Piles                               | 862.00               | ea   |  |

| Building Systems Metrics - A20 Basement       |                            |    |  |
|---|----------------------------|----|--|
| A20 Basement - Brief Description              | Footings, Grade Beams, SOG |    |  |
| Foundation Type                               | Concrete                   |    |  |
| Basement Concrete Foundation Wall (8,000 psi) | 996.96                     | cy |  |

| Building Systems Metrics - A30 SOG |                    |    |  |
|------------------------------------|--------------------|----|--|
| A30 SOG - Brief Description        | 8" Structured Slab |    |  |
| Foundation Type                    | Concrete           |    |  |
| Concrete Slab on Grade (8,000 psi) | 50,047.24          | cy |  |

| Building System Metrics - B10 Superstructure      |                  |     |  |
|---|------------------|-----|--|
| B10 Superstructure - Brief Description            | Steel & Concrete |     |  |
| Structural Steel                                  | 5,889.85         | Ton |  |
| 14 ga Metal Stud Wall                             | 123,836.00       | SF  |  |
| 18 ga Metal Deck                                  | 409,230.00       | SF  |  |
| Concrete for Slab on Metal Deck (3,000 psi)       | 33,235.79        | cy  |  |
| 8" Thick Elevator/Escalator Pit Walls (6,000 psi) | 2,535.76         | SF  |  |
| 8" Thick Concrete Shear Walls (6,000 psi)         | 17,084.87        | SF  |  |
| Concrete for Slab on Grade (8,000 psi)            | 2,178.00         | cy  |  |
| Stainless Standing Siding - 22 GA                 | 8,500.00         | sf  |  |

| Building Systems Metrics - B20 Enclosure |                              |     |  |
|--|------------------------------|-----|--|
| B20 Enclosure - Brief Description        | Glazing, Brick, Metal Panels |     |  |
| Building Waterproofing                   | 1,178,604.00                 | SF  |  |
| Face Brick (Modular)                     | 15,472.00                    | SF  |  |
| Curtainwall/Glazing                      | 242,432.00                   | SF  |  |
| Metal Panel Cladding                     | 86,450.00                    | SF  |  |
| Soffit Framing (Metal Studs)             | 8.92                         | Ton |  |
| Steel Support (Misc. Metals)             | 325.12                       | Ton |  |
| Flashings                                | 23.46                        | Ton |  |
| 3' x 7' Exterior Doors                   | 29.00                        | EA  |  |

| Building Systems Metrics - B30 Roofing |              |     |  |
|--|--------------|-----|--|
| B30 Roofing - Brief Description        | Steel & Wood |     |  |
| Steel                                  | 4,341.60     | Ton |  |
| Glulam Wood Beams                      | 962.96       | CY  |  |
| Waterproofing Membrane                 | 14,500.00    | SF  |  |
| Standing Seam SS Roof Assembly         | 340,000.00   | SF  |  |
| Membrane Roof Assembly                 | 85,000.00    | SF  |  |
| Flashing & Sheet Metal                 | 31.02        | Ton |  |

| Building System Metrics - C10 Interior Construction |              |      |  |
|---|--------------|------|--|
| C10 Interior Construction - Brief Description       |              |      |  |
| 5/8" Interior Drywall                               | 1,313,475.00 | SF   |  |
| Wall Insulation                                     | 8,224,656.00 | lb   |  |
| Interior Glass                                      | 157.33       | Tons |  |
| 3' x 7' Interior Doors                              | 5.00         | EA   |  |
| Misc. Metals  | 92.00        | Ton  |  |

| Building Systems Metrics - C30 Interior Finishes |            |    |  |
|--|------------|----|--|
| C30 Interior Finishes - Brief Description        |            |    |  |
| Finish Flooring                                  | 643,142.00 | sf |  |
| Ceiling Finish - ACT                             | 426,481.00 | sf |  |

| Keys & References:   |
|--|
| 1 <b>concrete</b> cubic yard = 2.03 Tons   |
| Piles are 100 LF, 16" outside diameter, 8mm wall - 53 lbs / LF                     |
| Brick: 38 lbs / SF (7 bricks per SF)   |
| Mortar: 1 Bag = 60 lbs (1 bag per 1,000 brick, 1 CY sand needed per 7 bags mortar) |
| 18 ga Metal Deck Weight: 2.8 lb/SF (Galvanized)                                    |
| 22 ga Siding Metal: 1.26 lb/SF (Galvanized)  |
| Drywall: 0.00105 Tons / SF   |