

BUILDING STRUCTURE
LOUDOUN BUILDING

Structural System	Post-tensioned concrete frame
Finished Ceiling	First Floor: Approx. 11' 0" Typical: Approx. 9' 0"
Slab to Slab	First to Second floor: 14' 0" Typical: 12' 8"
Column Spacing	Varies

ELEVATORS
LOUDOUN BUILDING

Number of Floors	7
Number of Elevators	3 Total: 2 passenger, 1 freight
Size	Passenger: 3,000 lbs / Freight: 4,000 lbs
Speed	200 ft/min

BUILDING STRUCTURE
MARKET BUILDING

Structural System	Steel frame with composite concrete / steel deck
Finished Ceiling	Typical: Approx. 9' 0" Third Floor: Cathedral Ceiling
Slab to Slab	Ground to First floor: 10' 6" Typical: 13' 4"
Column Spacing	Varies

ELEVATORS
MARKET BUILDING

Number of Floors	4
Number of Elevators	1 freight, two door
Size	Freight: 4,000 lbs
Speed	200 ft/min

HVAC

Systems	Six (6) Roof top units (RTU); approximate 50-Ton/unit
Type	Variable air volume (VAV) with Reheat (electric)
Controls	Automated, direct digitally-controlled energy management system with remote monitoring capabilities
Operation Capacity	25,000 CFM per floor (typical); 2nd floor - approximate 13,000 CFM; 3rd floor - approximate 17,000 CFM

PLUMBING

Wetstack access on all floors

FIRE AND LIFE SAFETY

Fully supervised, automated system conforming to 2009 International Building Code
Fully automated sprinkler system featuring sprinkler heads in accordance with NFPA 13

ACCESS CONTROL

Tenant and perimeter access door control. After-hours elevator access control

ELECTRICAL

Tenant Power	6 Watts/USF
Emergency Generator	350KW - diesel, eight-hour run time
Switchboards	4000A, 480 volts, 3 phase

SUSTAINABILITY FEATURES

LEED Silver is the target certification
 Energy efficient building envelope
 Energy efficient light fixtures
 Recycled and recyclable materials used in construction
 Sunscreen devices incorporated into some facades
 Water-conserving plumbing fixtures
 Green roofs
 Bike storage and shower rooms available
 Within ¼ mile of regular bus routes
 Within ¼-mile of the W&OD bike trail

