

CAPITAL ONE
HALL

TECHNICAL
SPECIFICATIONS



COMING 2021

CAPITAL ONE CENTER



GRAND FOYER



MAIN ENTRANCE



THE PERCH



RESTAURANT AND TERRACE



GAME AREA AT THE PERCH



BEER GARDEN AT THE PERCH



MAIN THEATER



THE VAULT



WEDDINGS & BANQUETS



CORPORATE EVENTS



PERFORMING ARTS



CONCERTS



FAMILY EVENTS



COMEDY

seating for 1,600

MAIN STAGE

- Proscenium width: 55' with adjustable portal legs
- Proscenium height: 31' 6" with an adjustable portal header
- Stage depth at centerline: 40' 6"
- Wings width: 105' 3"
- Grid height: 61' 2"
- Stagehouse rigging steel height: 67' 8"
- Height to forestage grid: 43' 5"

RIGGING

- Manual Counterweight Rigging System
- 54 Line Sets
- Batten low trim: 4' above stage floor
- Batten high trim: 57'-6" above stage floor
- Arbor capacity: 1825 lbs. including pipe weight
- All battens are 1½" OD schedule 40 ladder batten— 59'
- Six 1/4 inch 7x19strand lift lines per batten; lift lines on 11' centers
- House Main Curtain on dedicated motorized lineset—guillotine operation
- Four hoists in house for forestage points

LIGHTING CONTROL & DIMMING

- ETC Power Control System with
- 480 – 20A, 120V Bypass Circuits (Switchable dimmer/relay)
- 96 – 20A, 208V Relay Circuits
- Integrated House, Work, Run Lighting
- ETC Eos Ti - 24,000 outputs DMX

PERFORMANCE SOUND, VIDEO & COMMUNICATIONS SYSTEMS

High-fidelity, concert/touring-grade, live performance sound system including main left, center and right d&b audiotechnik loudspeaker arrays, cardioid/high-power subwoofers, fills, processing and high-power amplification. The loudspeaker system also includes integrated surround & effects loudspeakers for each seating level. The main loudspeaker system is controlled by R1 control software and includes switchable d&b 'Array Processing' to equalize levels and frequency response throughout all seating areas.

Matching d&b audiotechnik stage monitor system, complete with high-power side-fills, subwoofers and multiple monitor mixes.

Dual, large-format 96Khz professional mixing consoles for front-of-house and monitors. Multiple console interface units are integrated to deliver digital 96kHz system drive to the house loudspeaker processor/amplifiers to provide maximum fidelity, eliminating additional analog/digital conversions. 96k Multi-track audio recording for live concerts and broadcast events is also provided in-house.

Professional wired and wireless microphone packages with handheld and bodypack transmitters are provided, as well as a complete assortment of handheld microphone capsules, hi-fidelity lavaliers and head-worn microphones and accessories.

Wired & Wireless Production Intercom System.

Extensive integrated cabling & connectivity backbone throughout the facility with multiple connection panels for AES/analog audio, loudspeakers, 12G/UHD video, production intercom, rack to rack tie-lines, 10G data, SMPTE fiber, etc. The connectivity also extends to a dedicated loading dock panel that includes multiple audio, video, fiber and data tie-lines. Additional theater connectivity is provided to the Green Room for events when this area is desired for production use during special events.

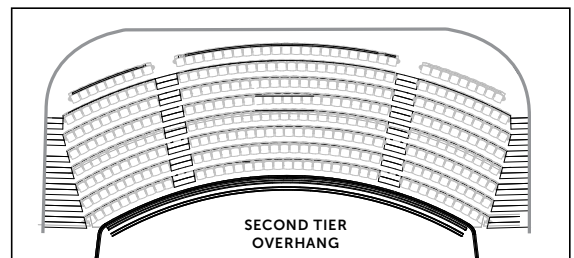
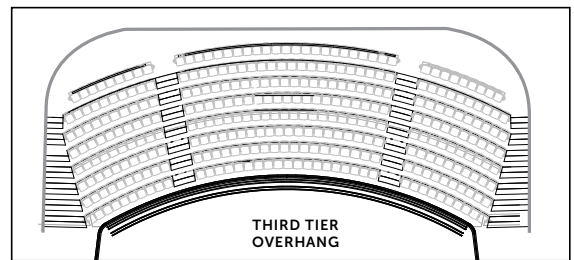
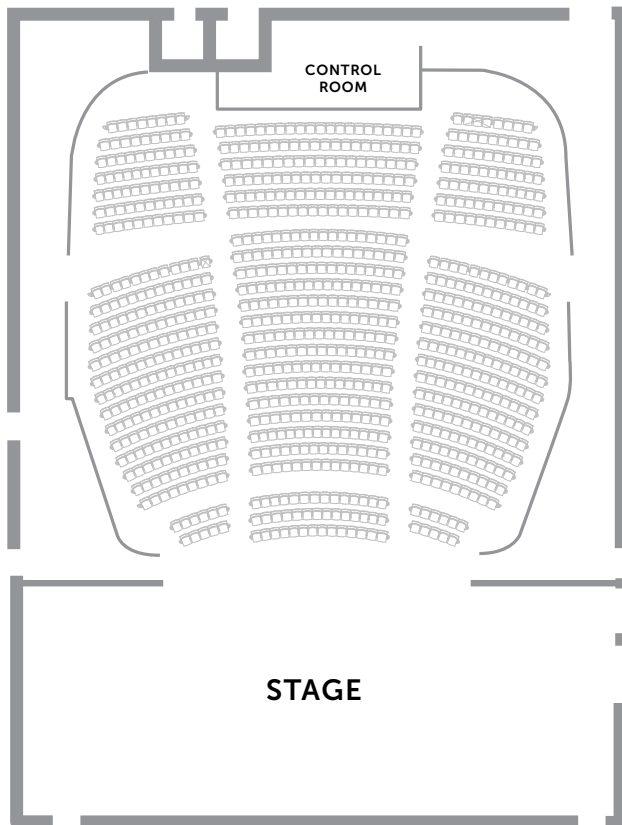
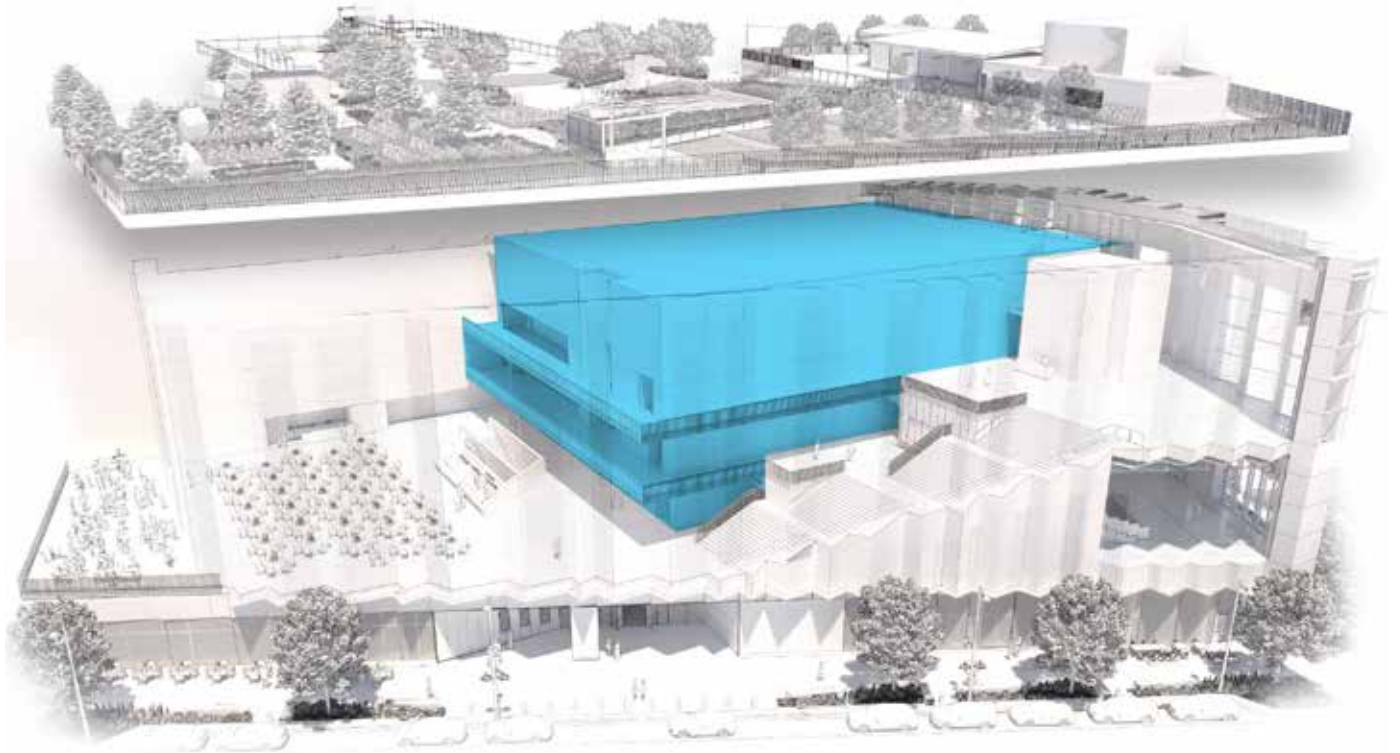
Distributed sound & video theater program is delivered to back-of-house dressing rooms, production offices and corridors. Distributed program is also delivered to the main public areas.

Active Acoustic Enhancement System utilizing dedicated overhead loudspeakers and the Surround/Effects loudspeaker system.

Portable 4K venue video projection system with event switching and scaling. Portable projection screens enable specific setups per event.

Multiple installed pan/tilt/zoom cameras and SS recorders for event archival and video production use.

Assistive listening system for the hearing-impaired.



seating for 250

THE VAULT THEATER

- Telescopic seating for 225 people
- Pipe Grid
- Upstage traveler curtain that provides blackout as well as a backdrop for the stage.

LIGHTING

- 192 20A, 120V Bypass Circuits (Switchable dimmer/relay) stage lighting circuits distributed throughout the space.
- Ion XE 20 Stage lighting console

SOUND

- Installed loudspeaker system for front and side stage positions as well as effects and surround loudspeakers above.
- Microphones, playback and recording receptacles and hardware.
- Midas Digital Mixing Console

SOUND, VIDEO & COMMUNICATION SYSTEMS

Integrated Sound Video & Communications systems with high-quality components. The sound system includes a permanent Control Room sound mix position with remote iPad mixing. The Vault theater contains a system of custom combination connection panels and cabling. Connectivity around the perimeter of the theater along with multiple connection panels in the grid allow for flexible sound and video production elements.

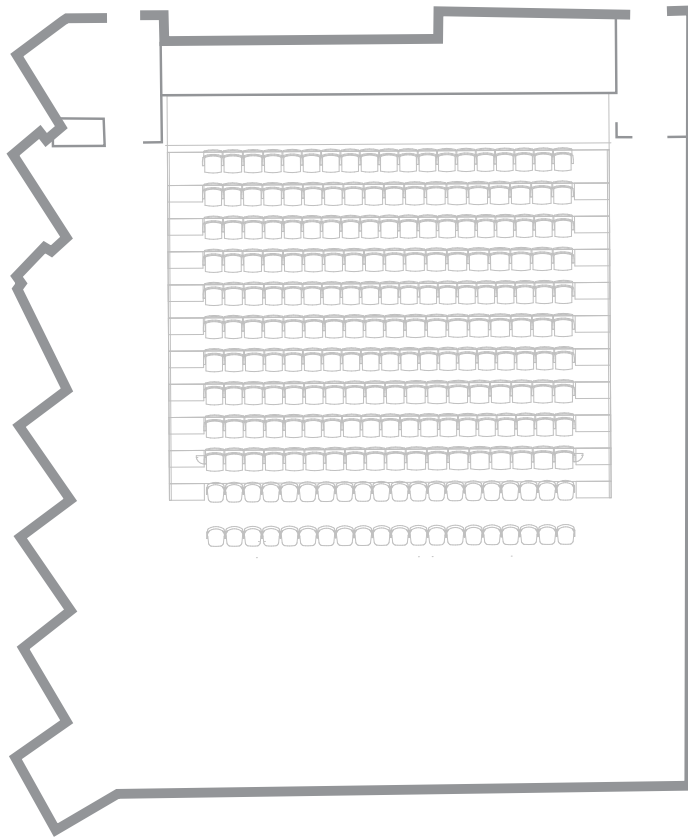
Dedicated portable projection system, with different sizes of fast-fold type screens to accommodate various production use. The projector will be similar to the projectors available in the portable equipment package and be mounted via The Vault theater pipe grid.

A dedicated production intercom system is also provided with the ability to link with the Main Theater for facility-wide events.

A dedicated microphone package with wired and wireless microphone systems is included, along with stands, cable and direct box interfaces. A portable loudspeaker assortment includes various system components and various rigging hardware for suspension. High-power point-source loudspeakers, subwoofers and fill/effects speakers provide hi-quality sound for all events.

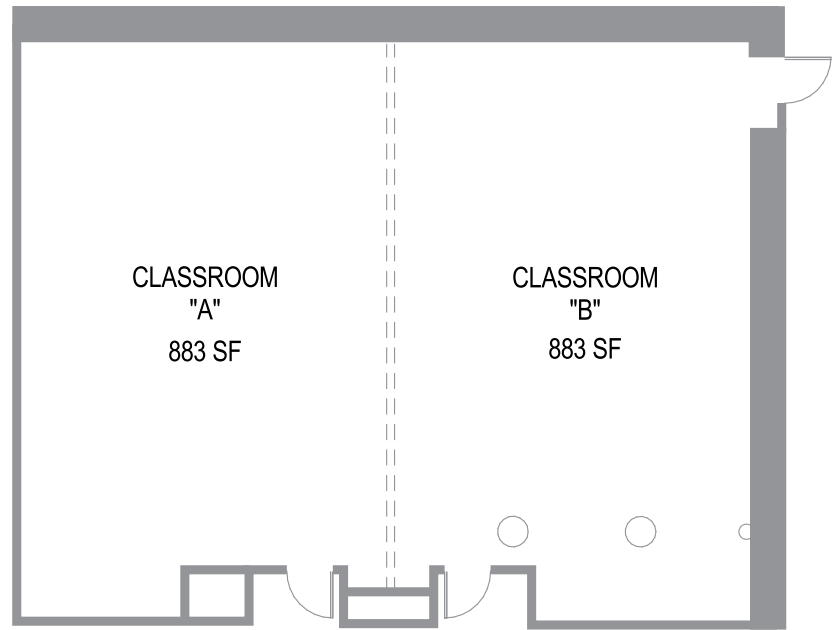
SVC Isolated-ground Power independent from the Main Theater and general building power. The Vault theater SVC power system includes a dedicated isolation transformer and AV sub-panel.

Using similar equipment to the Main Theater, integrated cameras and recorders enable event archival and high-resolution recording of The Vault theater events. Sound & Video is distributed to The Vault theater lobby PGM monitor and ceiling loudspeakers.



DUAL CLASSROOM AV SYSTEMS

- Classrooms are configured with simple self-contained AV Systems. Large-format UHD TVs are integrated in each space, supported by a local wall plate input panel for various sources. Distributed sound is supplied by recessed ceiling loudspeakers in each classroom. Subcompact amplifiers drive the loudspeakers, driven from the internal UHD TV variable line outputs.



THE MASTER PLAN IS A GUIDE TO THE FUTURE GROWTH AND DEVELOPMENT OF CAPITAL ONE CENTER.

The Capital One Headquarters represents the first phase of a 25 year master plan. Opening in 2021 is a new 1,600 seat performance hall called Capital One Hall, a 1.2 acre Skypark (The Perch) with an Amphitheater and Biergarten, and a new corporate lodging and hospitality suite.



12,000
CAPITAL ONE
ASSOCIATES



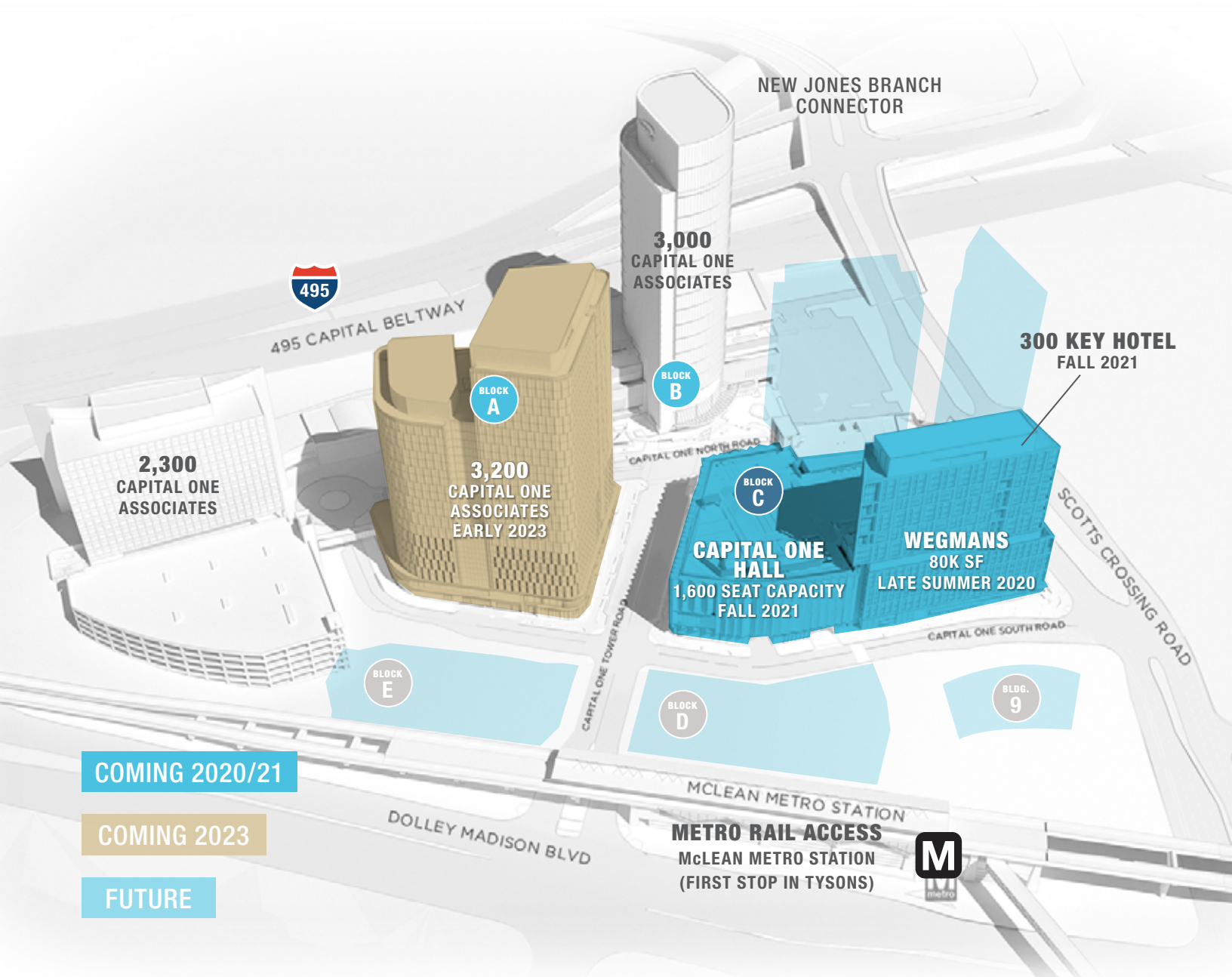
5,000,000 SF
OF DEVELOPMENT



250,000 SF
OF RETAIL



1,200
APARTMENTS



COMING 2020/21

COMING 2023

FUTURE

METRO RAIL ACCESS
MCLEAN METRO STATION
(FIRST STOP IN TYSONS)



AFFLUENT

\$185,606

average household income

PEOPLE

262,655

people reside here, growing annually

POPULATION

330,000

day time population

NEW DEVELOPMENT

4.4 MILLION SF

planned retail and office

SPENDING

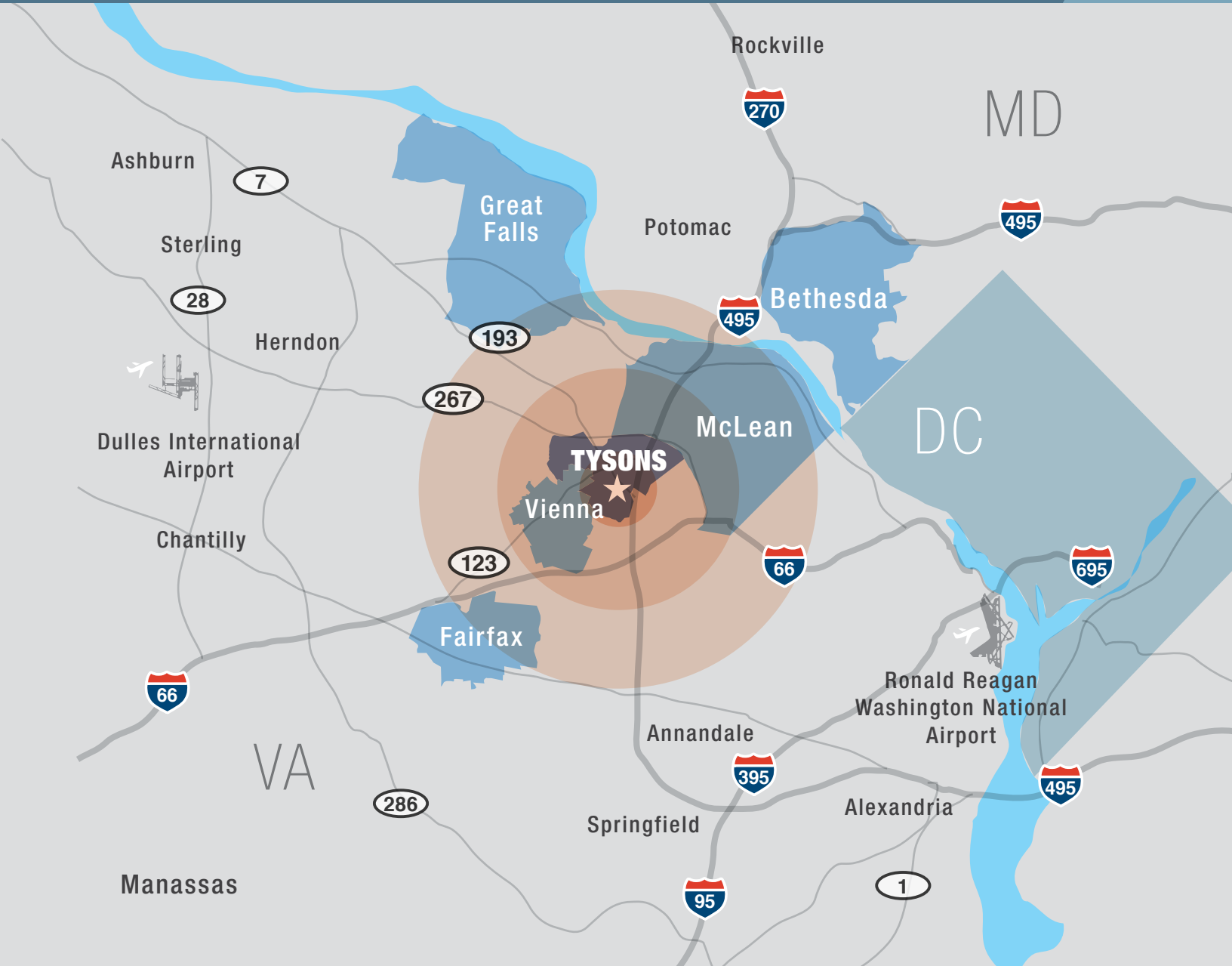
\$25,000

average spending on food /
entertainment annually

NEW DEVELOPMENT

22 MILLION SF

office space in Tysons pipeline



	1 MILE	3 MILES	5 MILES
POPULATION	99,969	262,655	1,411,596
MEDIAN AGE	41	40	38
BACHELOR OR ABOVE	77%	73%	71%
DAYTIME POPULATION	166,852	329,872	1,899,778
AVG SPENDING ENTERTAINMENT / RECREATIONAL	\$6,816	\$6,829	\$5,946
AVG SPENDING FOOD	\$17,430	\$17,634	\$15,829
MEDIAN HH INCOME	\$132,933	\$178,899	\$113,902
AVERAGE HH INCOME	\$184,997	\$185,606	\$161,399
HOUSEHOLDS	39,190	99,125	589,445
HOUSEHOLDS EARNING \$100K+	45%	45%	37%



10 FORTUNE 500 HQS

- DXC Technology
- Arconic
- Capital One financial
- Hilton
- Freddie Mac
- Booz Allen Hamilton
- Northrop Grumman
- General Dynamics
- leidos (Reston)
- General Dynamics (Reston)

TOP EMPLOYERS

- Booz Allen Hamilton
- Capital One
- Central Intelligence Agency
- Federal Home Loan Mortgage Corporation
- Gannett
- The MITRE Corporation
- Navy Federal Credit Union
- Northrop Grumman
- PricewaterhouseCoopers
- SAIC