SILICON VALLEY **SV9**

—

Hybrid Connects **Here**

SV9 — **Coming Soon!**

CoreSite's strategic Silicon Valley campus expansion includes a new facility, SV9. This purpose-built data center will be constructed to offer 200,000 square feet of turn-key data center space and 34 CMW capacity in 2023.

CORESITE

Space

Facility Size
200,000 SF of data center

Four-story facility with optionality for RAF or on-slab deployments

Deployments
Cabinets, cages, private suites, and built-to-suit

Power Availability
AC at 208V or 415V

Fitout
Turn-key, infrastructured shell and powered shell

Connectivity

Open Cloud Exchange®
Real-time control of multi-cloud deployments and simplified inter-market connectivity through a single pane of glass

Peering Exchanges
Any2Exchange® for internet peering and AMS-IX Bay Area

Carrier Availability
See our carrier list located at CoreSite.com/carrier-list

Cross Connects
Fiber, copper and coaxial

Diversity
Diverse POEs, MDFs, IDFs

Security

Access
Key cards, biometric scanners, and mantrap entries, perimeter site fence

Cameras
Perimeters and interior IP-DVR

Security Officers
24x7x365 in-house and on-site security qualified personnel

Reliability

Utilities
Onsite 2N Silicon Valley Power Substation

Generators
N+2 Redundancy

Operations
24x7x365 remote hands

Uptime
99.999% uptime SLA

Fuel Storage
24 hours, on-site

Water Storage
12 hours of on-site makeup water storage

UPS/PDU/RPP
Distributed redundant

Mechanical
N+1 redundancy, concurrently maintainable ASHRAE 20-year extreme weather conditions

Plumbing
Dual city water sources 12-hour on-site storage

BMS Controls
State-of-the-art mission critical controls and monitoring

Flood Plain
Above 500-year flood plain

Structure

Floor Loading
225 pounds/SF

Clear Height
11' above 36" raise floor or 14' on slab

Elevators
Passenger: 5,000 pounds
Freight: 10,000 pounds

Loading Dock
Hydraulic lift gate

Hardened Exterior
1.5 importance factor

Column Spacing
30' 4" x 31'

Hanging Load
35 pounds/SF

Efficiency

Chiller Plant
Water-cooled, magnetic-bearing, variable speed chillers, adiabatic dry coolers, minimized water usage

Data Hall Cooling
CRAH unit with EC motors, dedicated outside air rooftop units with heat pump, integrated dehumidification and MERV-13 air filtration, hot aisle containment
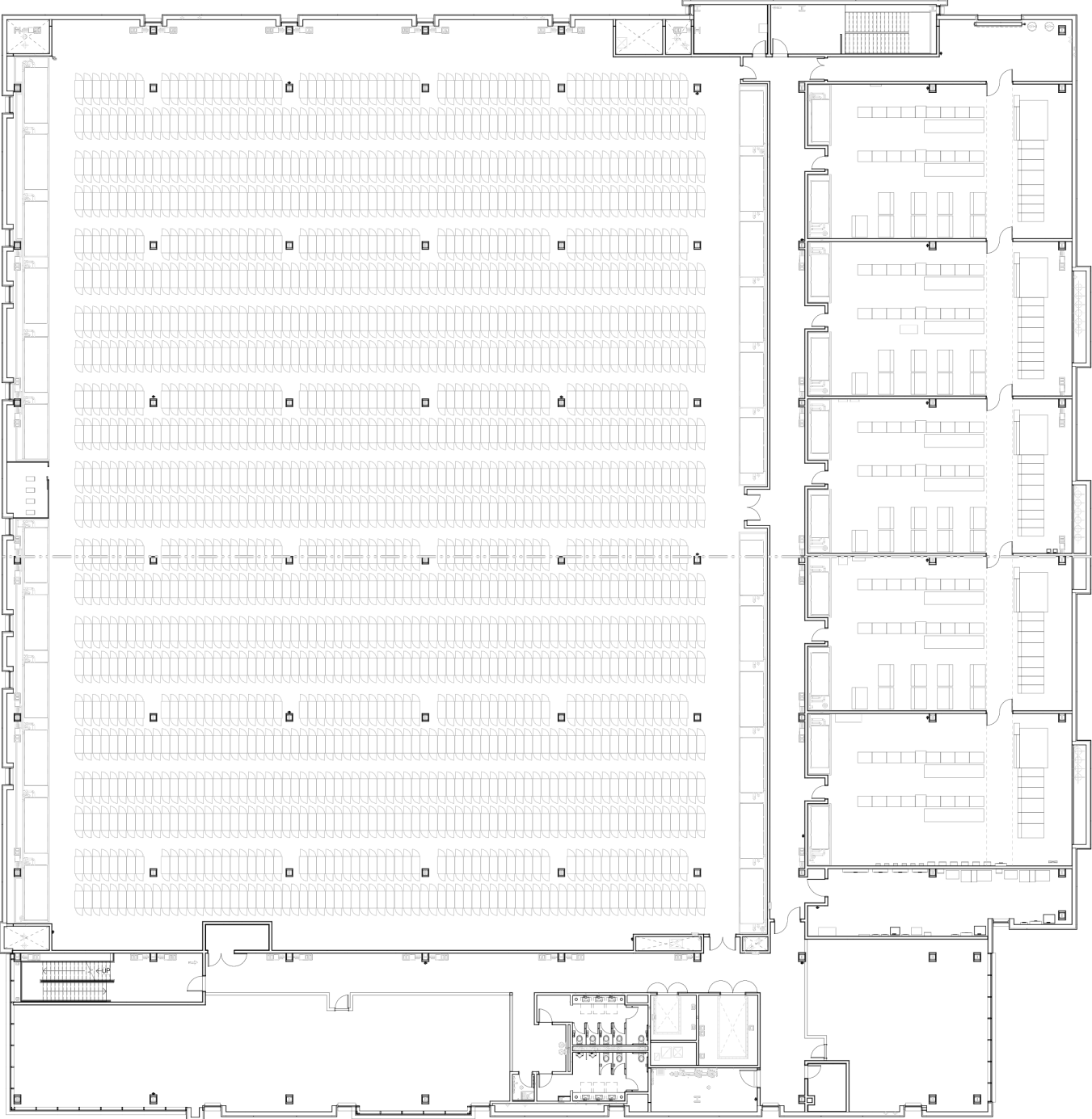
Electrical
High-efficiency UPS systems

Life Safety
Fire pump, dual-interlock preactrion sprinkler systems, air sampling smoke detection

Lighting
Lutron Eco-System lighting controls, LED lighting system

Utility Power
Power taken at 12kV to achieve rate reduction and distribution efficiencies
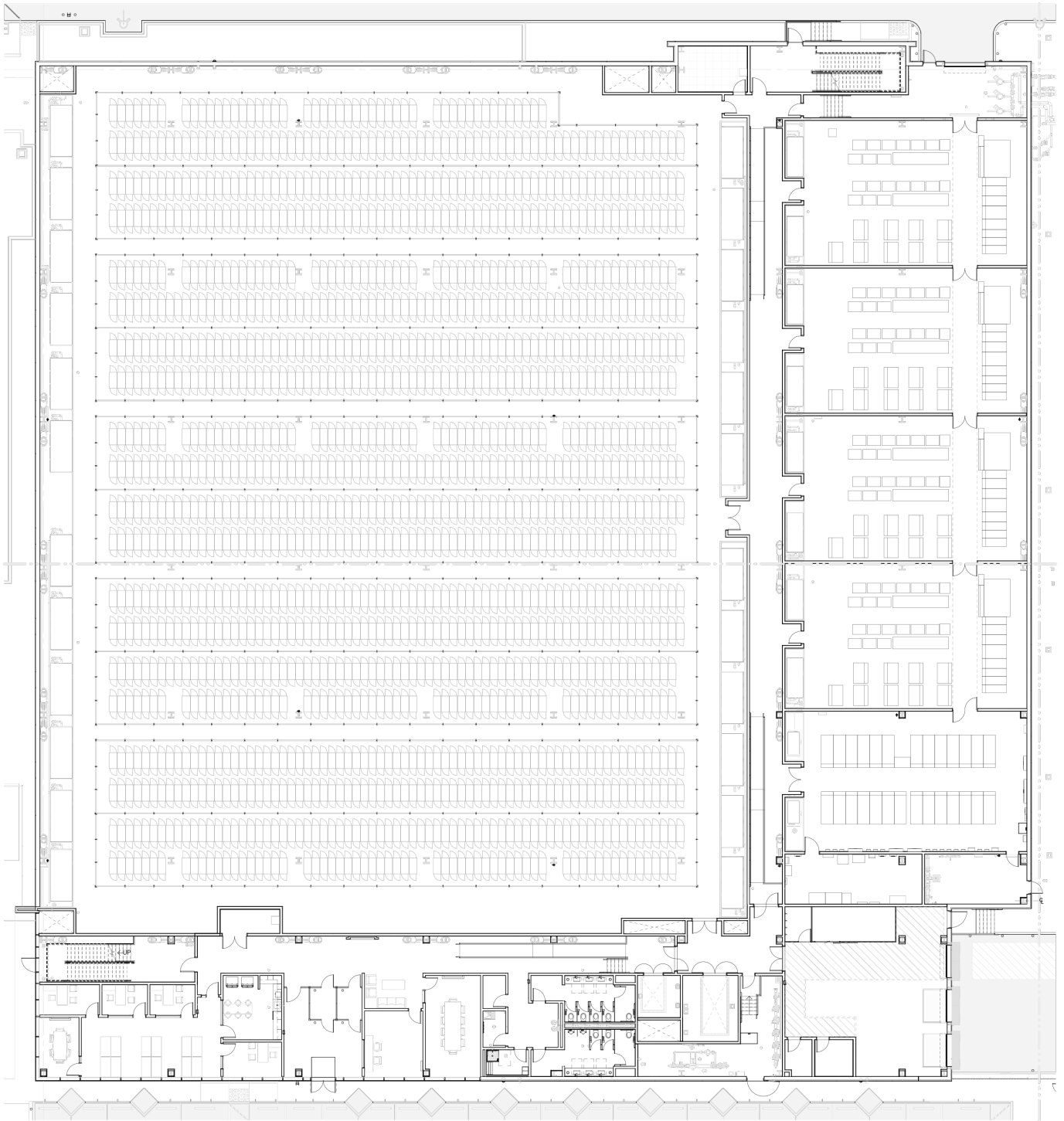
Monitoring
RF code readers for pin-point accuracy of temperature and humidity within customer deployments

Sample Plans

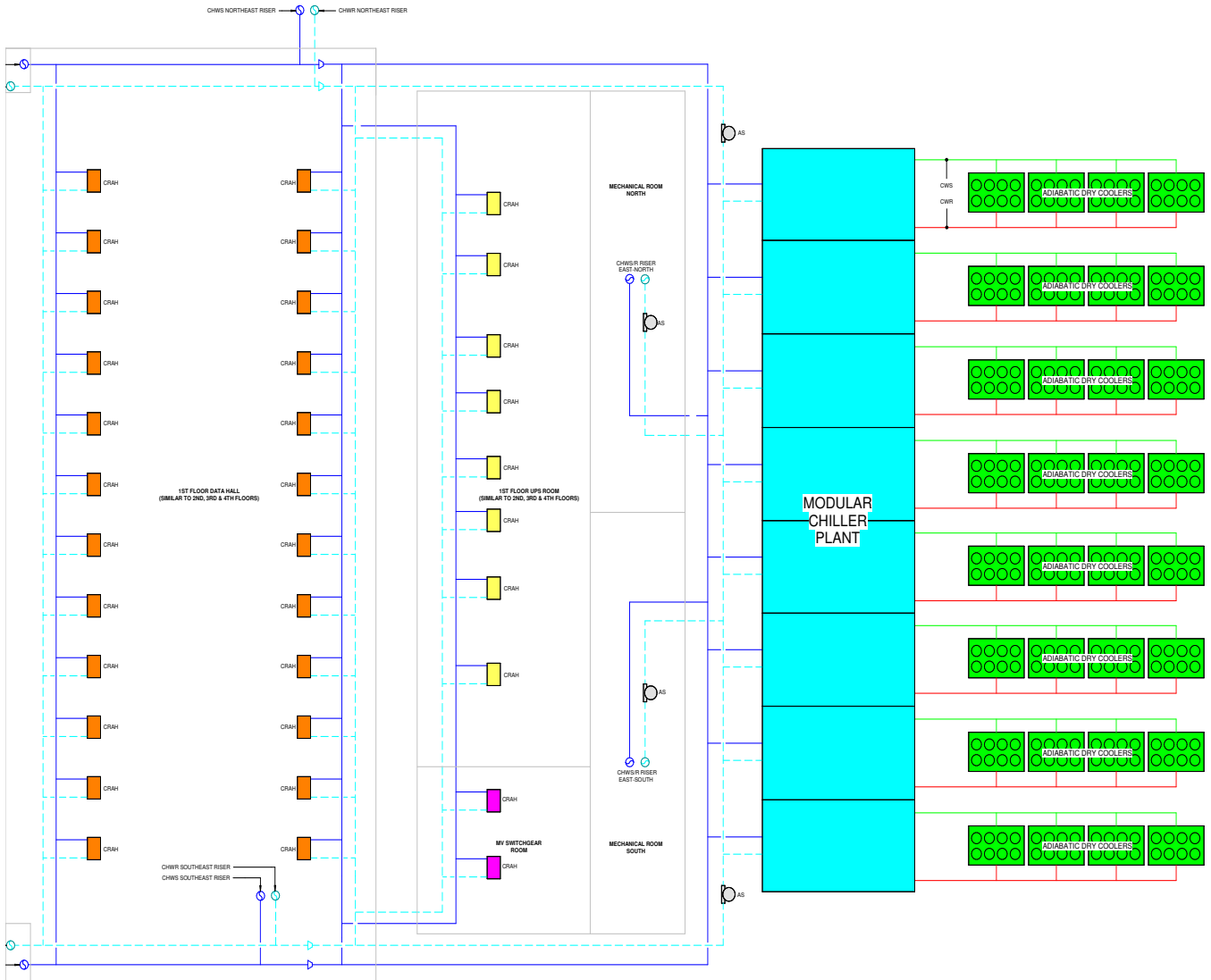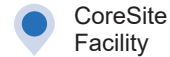Sample plans show potential configurations of cabinets and private suites.

Sample Plan 1

Sample Plan 2

Modular Chiller Plant

CHWS NORTHEAST RISER — CHWR NORTHEAST RISER

CRAH

1ST FLOOR DATA HALL
(SIMILAR TO 2ND, 3RD & 4TH FLOORS)

CHWR SOUTHEAST RISER
CHWS SOUTHEAST RISER

1ST FLOOR UPS ROOM
(SIMILAR TO 2ND, 3RD & 4TH FLOORS)

MV SWITCHGEAR
ROOM

MECHANICAL ROOM
NORTH

CHWS/R RISER
EAST-NORTH

AS

CHWS/R RISER
EAST-SOUTH

MECHANICAL ROOM
SOUTH

MODULAR
CHILLER
PLANT

CWS
CWR

ADIABATIC DRY COOLERS

CORESITE

SV2

101

SCC

680

SUNNYVALE

SJC

SANTA CLARA

SV1

SAN JOSÉ

● CoreSite Facility 〜 Primary Fiber Route

HYBRID CONNECTS HERE:
Silicon Valley Market

CoreSite's Silicon Valley campus is the ideal environment for digital platforms with a rich ecosystem of networks and public and private cloud providers with a need to improve application performance and reduce total cost of ownership – and time to market.

- Create stellar digital experiences
- Lower latency and improve performance
- Reduce costs associated with equipment outages and power and cooling
- Improve performance by spreading workloads over multiple private and public clouds

- Increase security by limiting points of network access
- Gain lights-out capabilities, 24/7 security, field operations, remote hands and access to customer portal

This market is comprised of eight operational data centers, providing a variety of colocation options and native cloud on-ramps in the heart of one of the largest concentrations of internet and technology companies in the world. Our Bay area data center footprint — spanning Milpitas, San Jose, and Santa Clara — is uniquely suited to meet the most demanding compute needs. With over 205 cloud, network, and IT service providers available with our data centers, as well as continual investment in market facility expansions, customers can meet growth and technology needs now and in the future.

CoreSite

CoreSite provides everything you need in a modern
Interconnection Hub

- **Competitive, aggressive pricing and rapid speed to market**

- **Native (on-net) cloud ramps to all major cloud providers**

- **Open Cloud Exchange®(OCX) provides direct cloud interconnection to easily conduct business virtually everywhere**

- **Campus approach of 24 hyper-connected, interconnected data centers in eight major markets**

- **450+ domestic and international carriers and access to 40+ intercontinental cables**

- **Robust ecosystem of service providers offering cybersecurity, storage/backup, DevOps, AI/ML and high-performance computing**

- **Operational excellence and a self-service customer portal**

- **Agile, nimble, responsive provider empowered by a flexible technology platform**

- **Expert service provided by our own security, technical and customer support teams**

AVAILABLE **CLOUD PROVIDERS**

CORESITE
Open Cloud Exchange®

aws

Alibaba

Google Cloud

Microsoft Azure

SUBSEA **CABLE NETWORKS**

Southern Cross

Contact your CoreSite Sales representative, or call **866.777.CORE**, to learn more.