CHIO1B

Scale For The Future

TOTAL CAPACITY
24MW

FACILITY SIZE
202,000SQ FT.

STACK
INFRASTRUCTURE

N

SECURITY

CONFERENCE ROOM

BREAK ROOM

OFFICE AREA

OFFICE

MMR

MECHANICAL

DH110

MECHANICAL
MECHANICAL

DH120

MECHANICAL

MECHANICAL

DH210

MECHANICAL
MECHANICAL

DH220

MECHANICAL

ELECTRICAL

MMR

STORAGE

ELECTRICAL

LOADING DOCKS

EQUIPMENT YARD

290

90

83

72

294

72

19

45

CHI01B

19
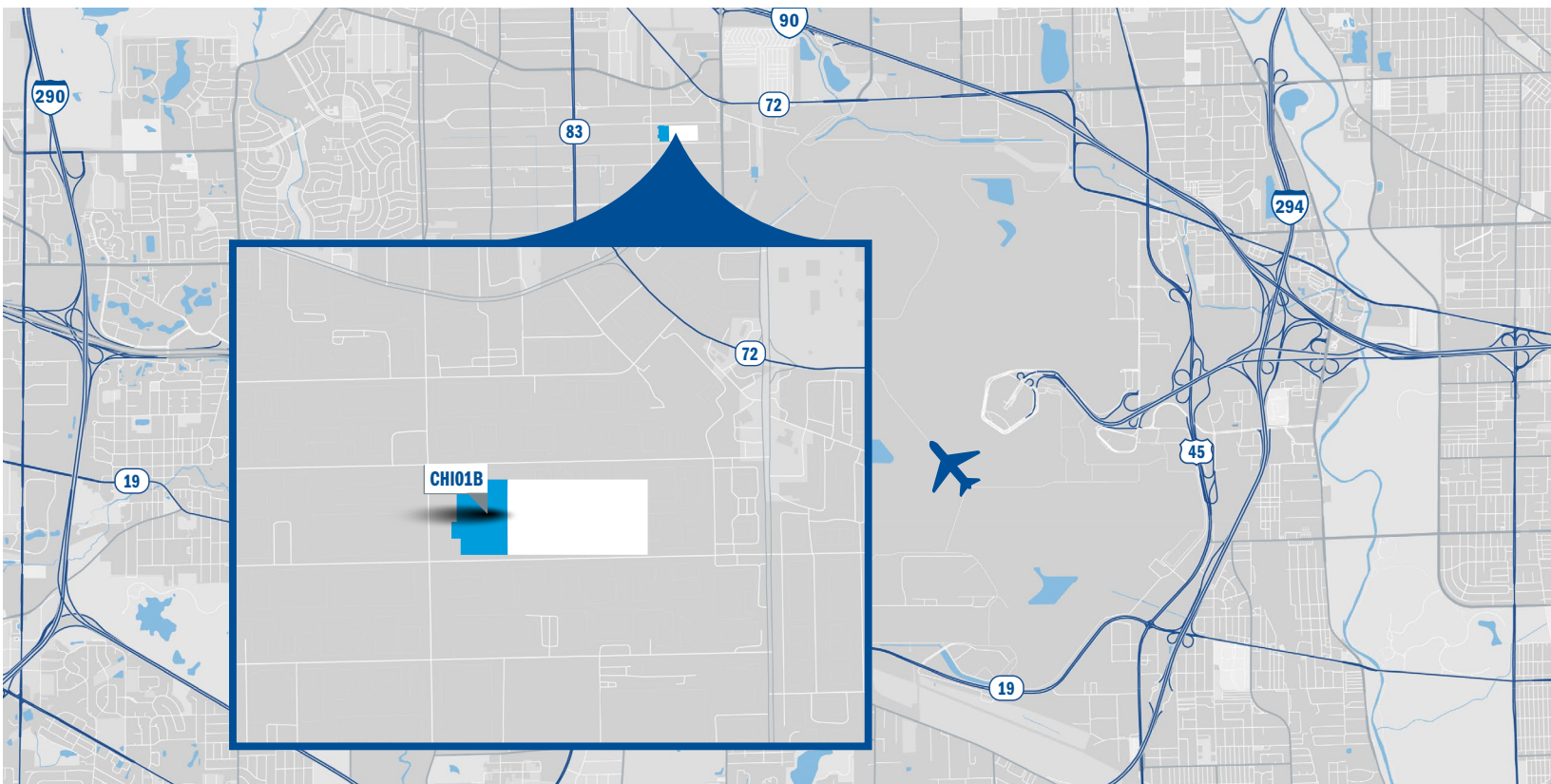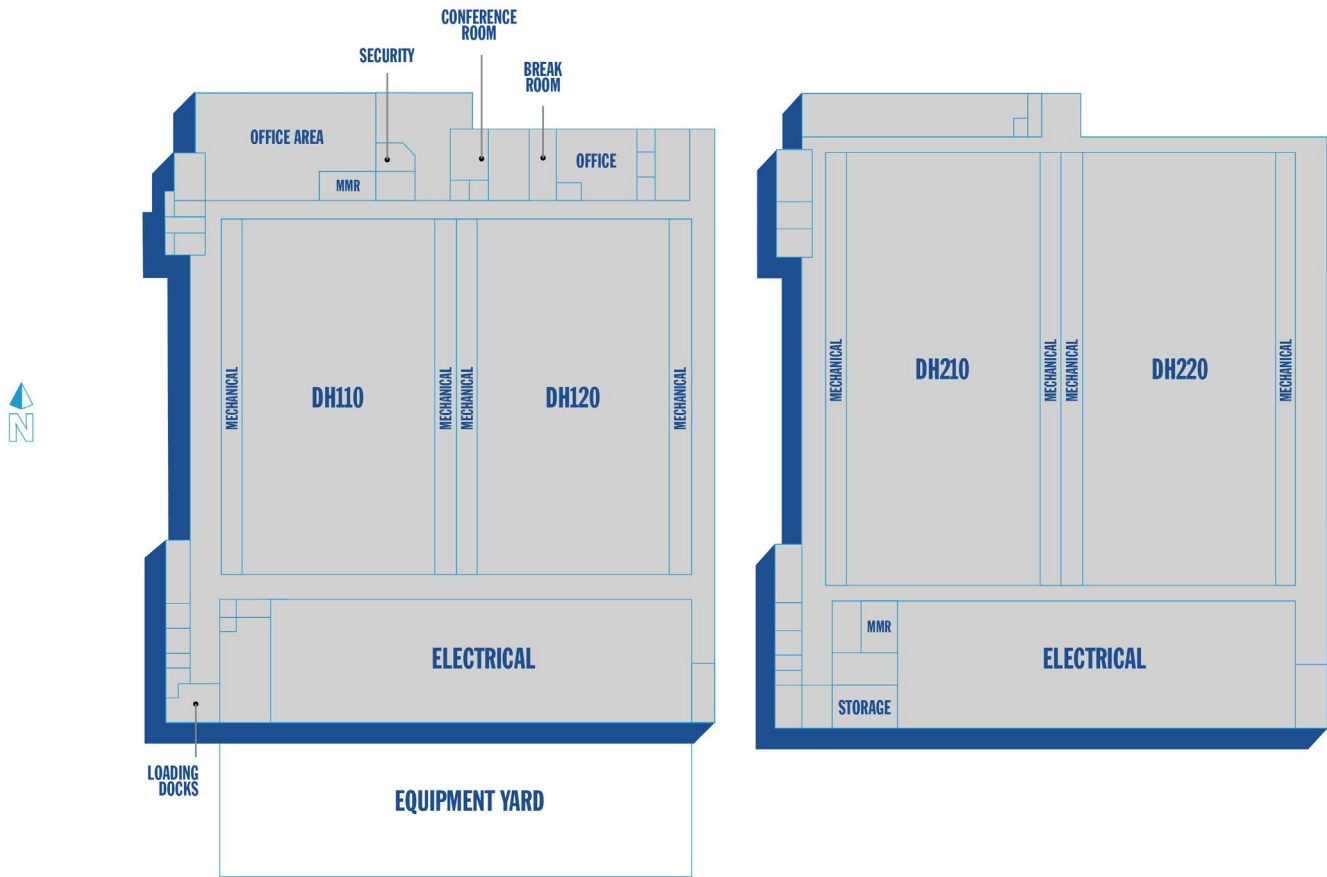
CAPACITY

Total Capacity
- 24MW

Data Halls
- 4x6MW @ 22,000 sq ft. average

Facility Size
- 202,000 sq ft.

Deployments
- READY STACK™: RackReady ® data halls
- POWER STACK™: Immediately available shell capacity

COOLING & EFFICIENCY

Cooling
- N+1 Air cooled chillers with integral free-cooling
- N+4 Fan walls per data halls

Efficiency
- Integral free-cooling with each chiller line up
- PUE 1.3 or better

Density
- 7-8 kW/rack
- 250-300 w/sf
- High density deployments supported — in excess of 25 kW per cabinet

SAFETY & SECURITY

Security
- 24 x 7 on-site security personnel
- Perimeter fencing
- Dual factor biometric authentication
- CCTV with 93-day retention

Fire Protection
- VESDA
- Double interlock pre-action fire suppression system

CONNECTIVITY

Diversity
- 2 Meet-Me-Rooms
- 3 Diverse entrances

Carrier Availability
- 7 Carriers on campus
- Carrier neutral

Additional Connectivity
- Roof space available

POWER & RELIABILITY

Utility Service
- Diverse underground utility feeds

Generators
- N+1 block redundant

Fuel Storage
- Minimum 24 hours of operation

UPS
- N+1 UPS configuration

PDU
- N+1 PDU configuration

BMS Controls
- Client access to BMS portal

Building Hardening
- Precast concrete structure

Sustainability
- 100% renewable options available

Diverse Utility and Power Sources
- Served by ComEd Smart Grid Substations
- Priority 1 Substation also serves
- O'Hare International Airport

AMENITIES

Work Space
- Conference rooms and break rooms
- Complimentary Wi-Fi
- Dedicated office space

Storage
- Shared and private storage/staging

Client Conveniences
- Showers
- Bicycle storage
- EV charging

CERTIFICATIONS & COMPLIANCE SUPPORTED

LEED SILVER USGBC · HIPAA HITECH CERTIFIED COMPLIANCE · PCI DSS COMPLIANT · AICPA SOC · ISO 27001 Certified

Tier III Design

STACK is a leading data center company built from the ground up to address the full STACK of its clients' critical infrastructure needs today, and into the future. The company delivers a comprehensive suite of wholesale colocation, build-to-suit, and powered shell solutions in six markets today: Atlanta, Georgia; Chicago, Illinois; Dallas/Ft. Worth, Texas; Northern Virginia; Portland, Oregon; and Silicon Valley, California. With unparalleled existing and flexible expansion capacity in the leading availability zones, STACK provides the scale and geographic reach that rapidly growing enterprises and hyperscale businesses need.