

Datacenter Deployment Document

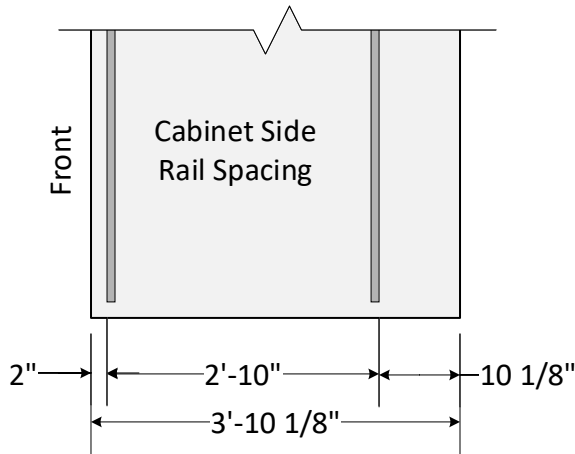
Floorplan | Elevation Compute | Elevation Network

Datacenter Deployment Document			
1.0	Floorplan	07/02/2019	hmoats

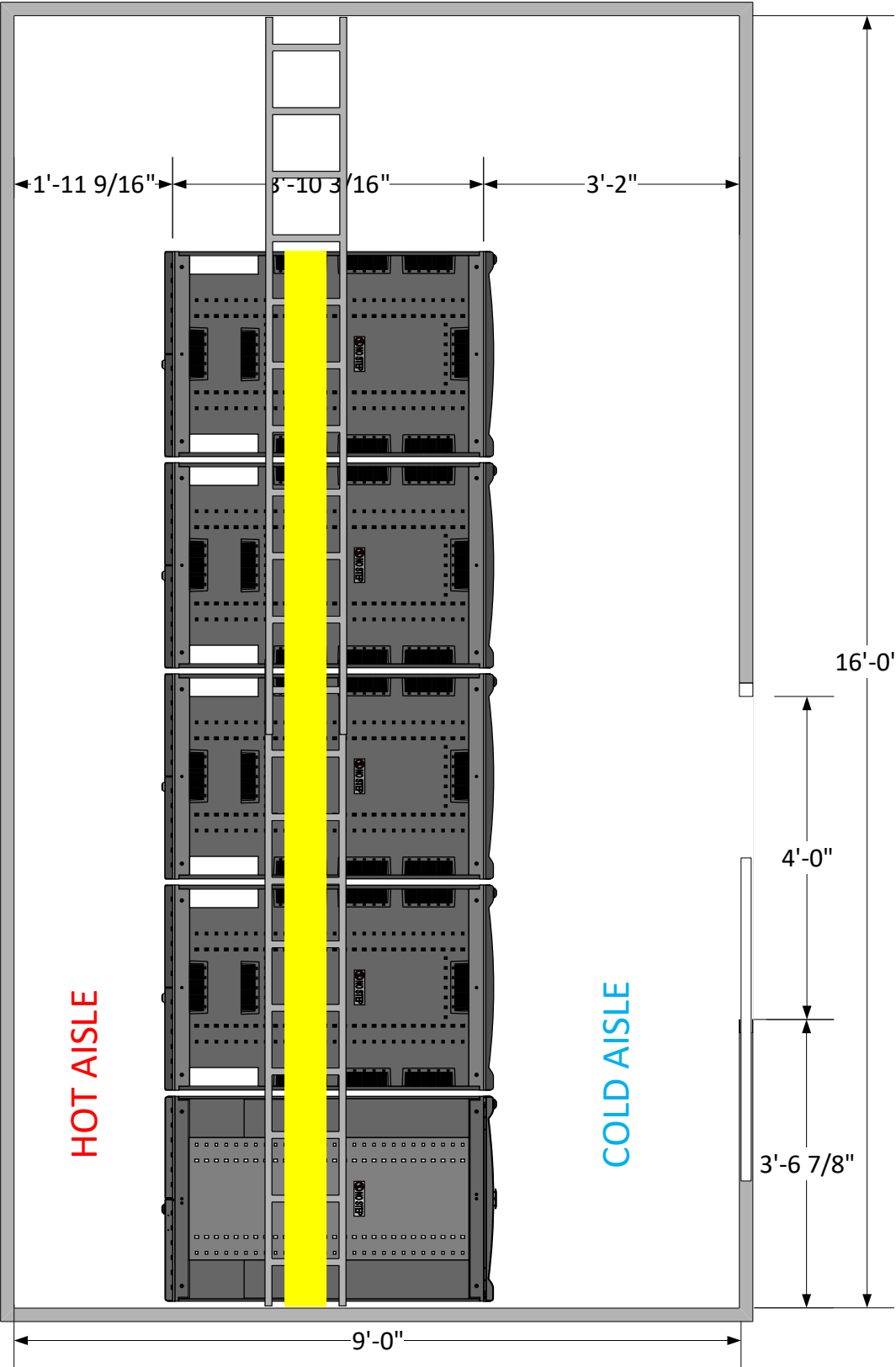
Capacity

- 9' x 16' datacenter cage
- 4 compute racks
- 1 network rack
- Ladder rack spanning the length of the cage
- Fiber raceway
- Minimum 36" cage ingress
- 4 x primary and redundant 208V 3 phase 50A power infeeds
- 1 x primary and redundant 208V single phase 30A power infeeds

Cabinet Side Elevation



Floorplan

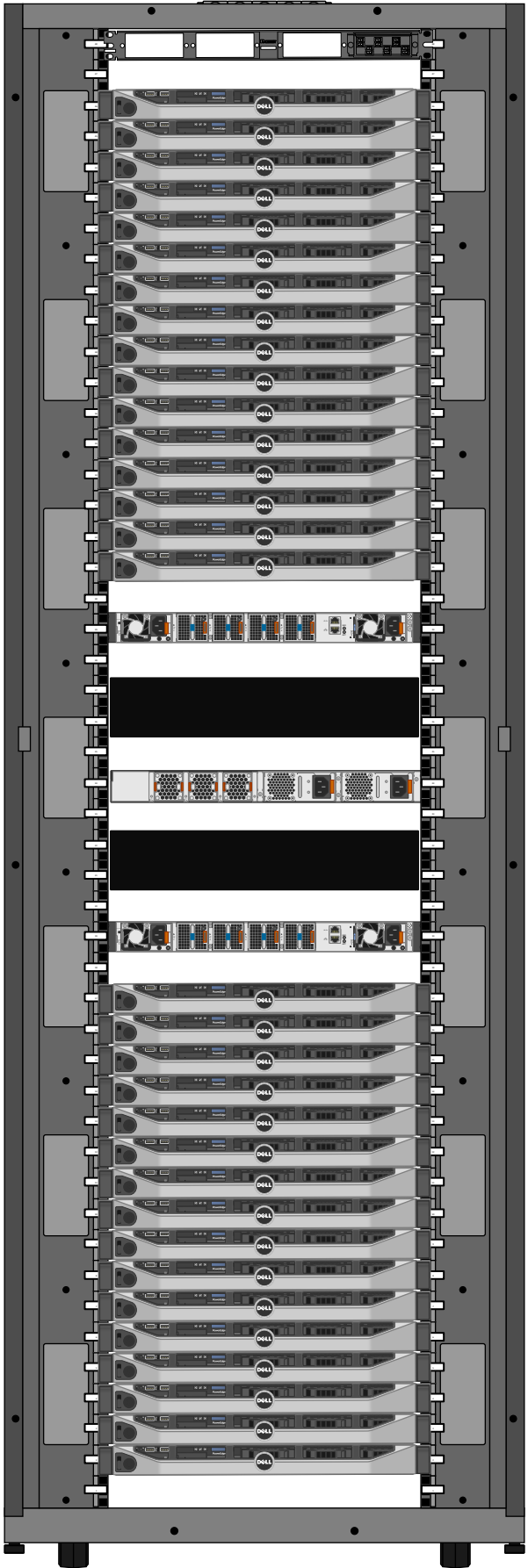


Datacenter Deployment Document			
1.0	Elevation Compute	07/02/2019	hmoats

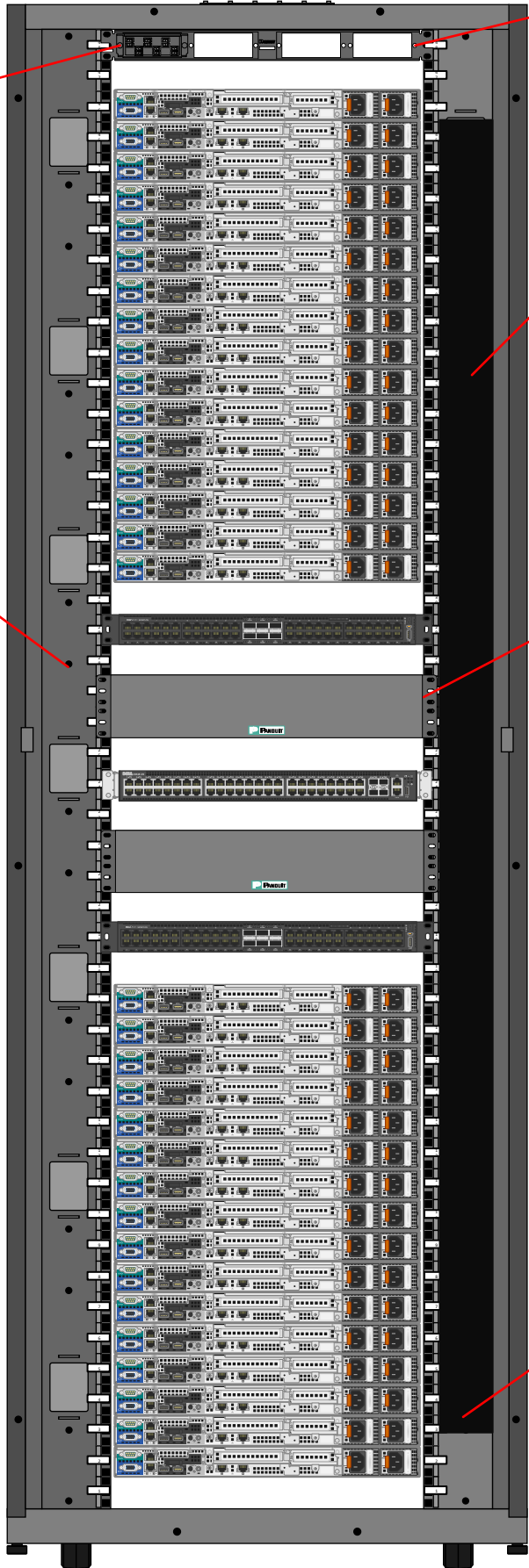
Capacity

- 32 servers per 48 RU rack
- 2 leaf switches per rack
- 1 management switch per rack
- 32 servers using 64 out of 96 10Gbe copper leaf switch ports
- 32 server using 32 out of 48 1Gbe copper management switch ports
- 2 leaf switches with 6 x 100Gbe fiber connections to network spine
- 32 servers using 64 out of 84 PDU ports
- Primary and redundant 208V 3 phase 50A power infeeds

Front Elevation



Rear Elevation



Panduit Cassette
FHCXO-12-10AS

Vertical 6" Cable
Manager.

1 x Panduit Angled
Fiber patch CFAPPBL1A

2 x ServerTech
C2W42CE-DFME2M00
Switched PDUs

2 x 2RU 6" Deep Cable
Managers

2 x 208V 3 Phase 50A
Primary and Redundant
Power Infeed

Datacenter Deployment Document			
1.0	Elevation Network	07/02/2019	hmoats

Capacity

- Dedicated rack for network services
- 2 x management switches (core)
- 3 x spine switches
- 2 x firewalls
- 2 x edge routers
- 2 x load balancers

Front Elevation

Panduit Cassette
FHCXO-12-10AS

2 x 2RU 6" Deep Cable
Managers

2 x 1RU 4" Deep Cable
Managers

