

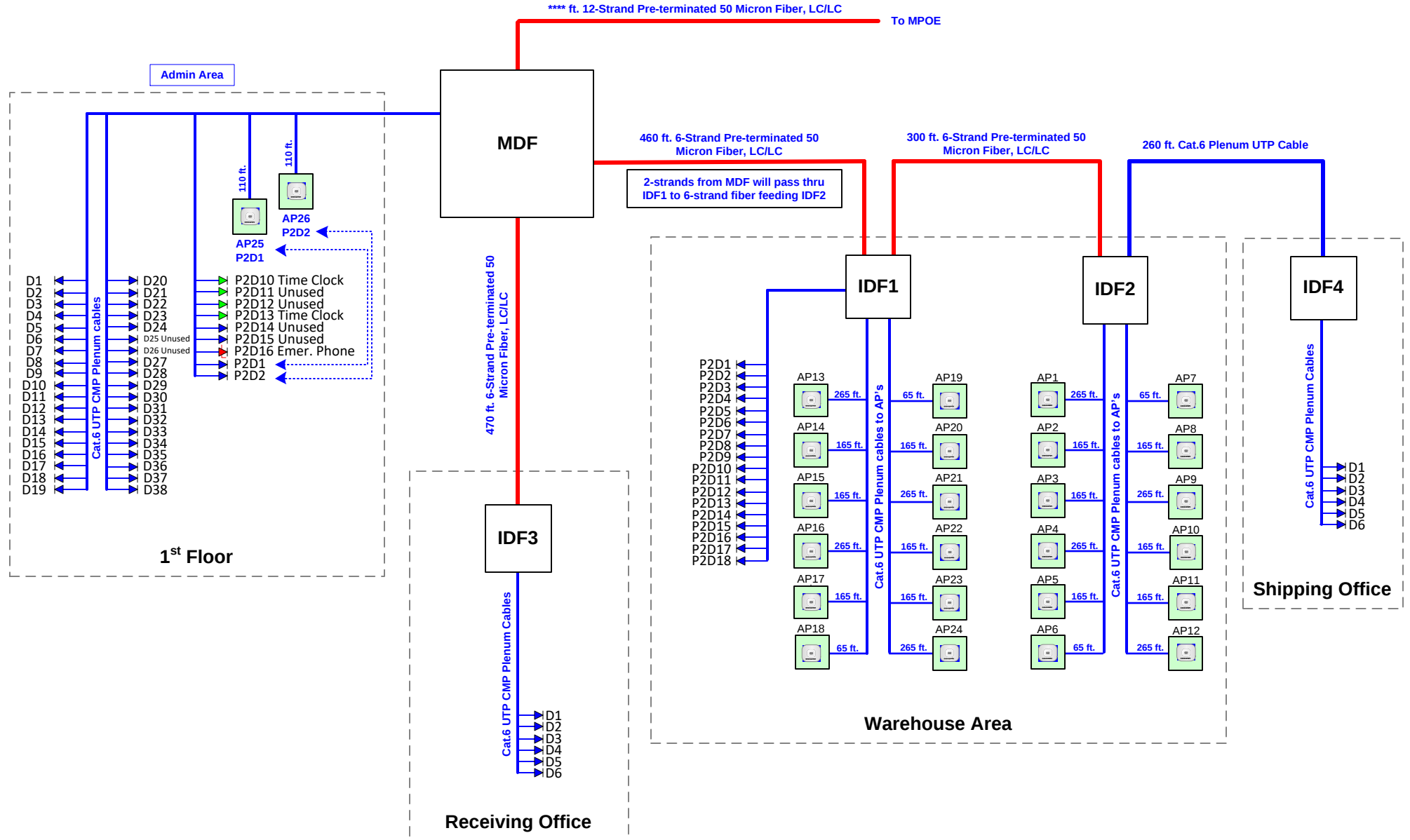
Date	12/21/2016
Diagram created for: Keith Estes, 678-374-5934	
Client	Pratt Industries
Site	Pratt – Dallas TX 9209

BLOCK DIAGRAM

AP / Data Cabling

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-  Access Point
-  Wall/Pole Mount Cabinet
-  Existing Data Drop
-  Special Data Drop (Time Clock, Kiosk, Projector, etc.)
-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board



Date	03/10/2017
Diagram created for: Keith Estes, 678-374-5934	
Client	Pratt Industries
Site	Pratt – Dallas TX 9209

IDF1 – Warehouse Area

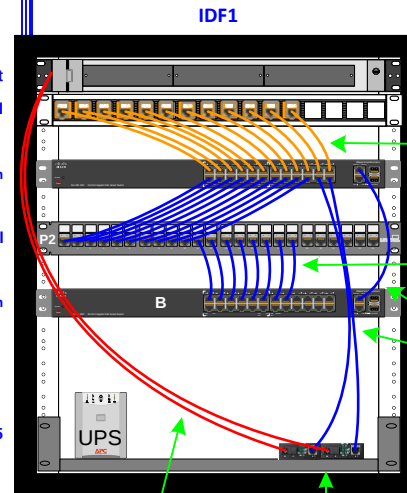
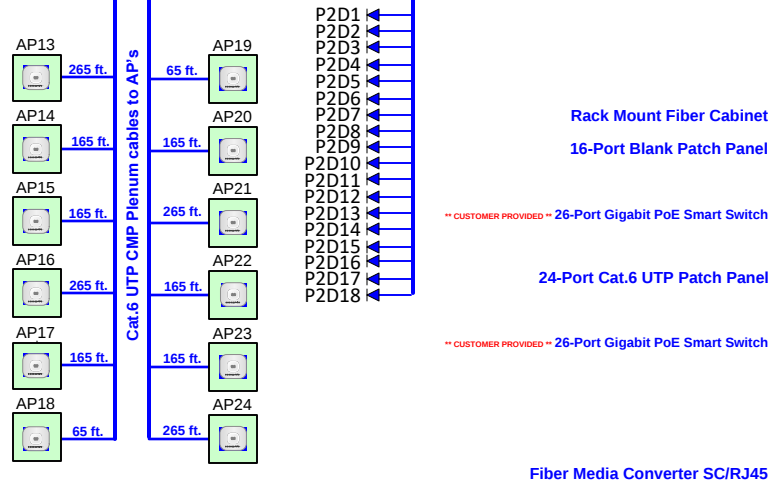
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-  Wall/Pole Mount Cabinet
-  Existing Data Drop
-  Special Data Drop (Time Clock, Kiosk, Projector, etc.)
-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board

**ALL DATA 26-Port: SG200-26FP
SWITCHES WILL BE PROVIDED
BY THE CUSTOMER**

Cat.6 UTP Plenum Cables



300 ft. total, 6-Strand Pre-terminated 50 Micron Fiber, LC/LC
From MDF To IDF2

Cat.6 UTP 1
ft. ORANGE
Patch Cable

Cat.6 UTP 1
ft. BLUE
Patch Cable

Cat.6 UTP 3
ft. BLUE
Patch Cable

50 Micron
Fiber Patch
Cable, SC/LC

SC/RJ45 Gigabit
Fiber Media
Converters for
Fiber from MDF &
to IDF2

Materials for GA LVT QQ #400000407

- 01 ea. 24-Port Cat.6 UTP Patch Panel
- 09 ea. 2-port Flush Mount Wall Plate, Ivory
- 18 ea. Cat.6 Modular Insert, **BLUE**
- 18 ea. 1 ft. Cat.6 Patch Cable, **BLUE**
- 01 ea. 3 ft. Cat.6 Patch Cable, **BLUE**
- 18 ea. 15 ft. Cat.6 Patch Cable, **BLUE**
- 36 ea. ¾" EMT Conduit, 10 ft. stick
- 20 ea. ¾" EMT Set-screw Connector
- 09 ea. Dual Gang Electrical Box
- 09 ea. Dual-to-single gang Mud Ring
- 30 ea. ¾" EMT Set-screw Coupler
- 09 ea. ¾" Plastic Bushing
- 09 ea. ¾" Conduit Hanger
- 95 ea. 2" J-Hook w/ Beam Clamp
- 4000 ft. Cat.6 UTP Plenum Cable
- 01 ea. 50 ft. roll of ¾" Velcro
- **** CUSTOMER PROVIDED ****
- 01 ea. Cisco 26-Port Gigabit PoE Smart Switch

Materials for GA LVT QQ #400000398

- 01 ea. Wall Mount Data Cabinet, 12U
- 01 ea. Cabinet cooling fan set
- 01 ea. Rack mount shelf
- 01 ea. Rack Mount Fiber Cabinet
- 02 ea. 6F Fiber Coupler Panel, LC 50 micron
- 01 ea. LC/SC 1M 50 Micron Fiber Patch Cable
- 01 ea. LC/LC 1M 50 Micron Fiber Patch Cable
- 01 ea. Fiber Media Converter, 10/100/1000 SC / RJ45
- 01 ea. 16-Port Unloaded Patch Panel
- 24 ea. Cat.6 **ORANGE** Modular Insert
- 12 ea. 1-port Surface Enclosure, Ivory
- 01 ea. 16-Port POE Injector
- 01 ea. 3 ft. Cat.6 Patch Cable, **BLUE**
- 12 ea. 10 ft. Cat.6 Patch Cable, **ORANGE**
- 24 ea. 1 ft. Cat.6 Patch Cable, **ORANGE**
- 01 ea. UPS
- 220 ea. J-Hook w/ Beam Clamp
- 2180 ft. Cat.6 UTP Plenum Cable
- 01 ea. 300 ft. 6F 50 Micron Pre-term. Armored Fiber, LC/LC
- **** CUSTOMER PROVIDED ****
- 01 ea. Cisco 26-Port Gigabit PoE Smart Switch

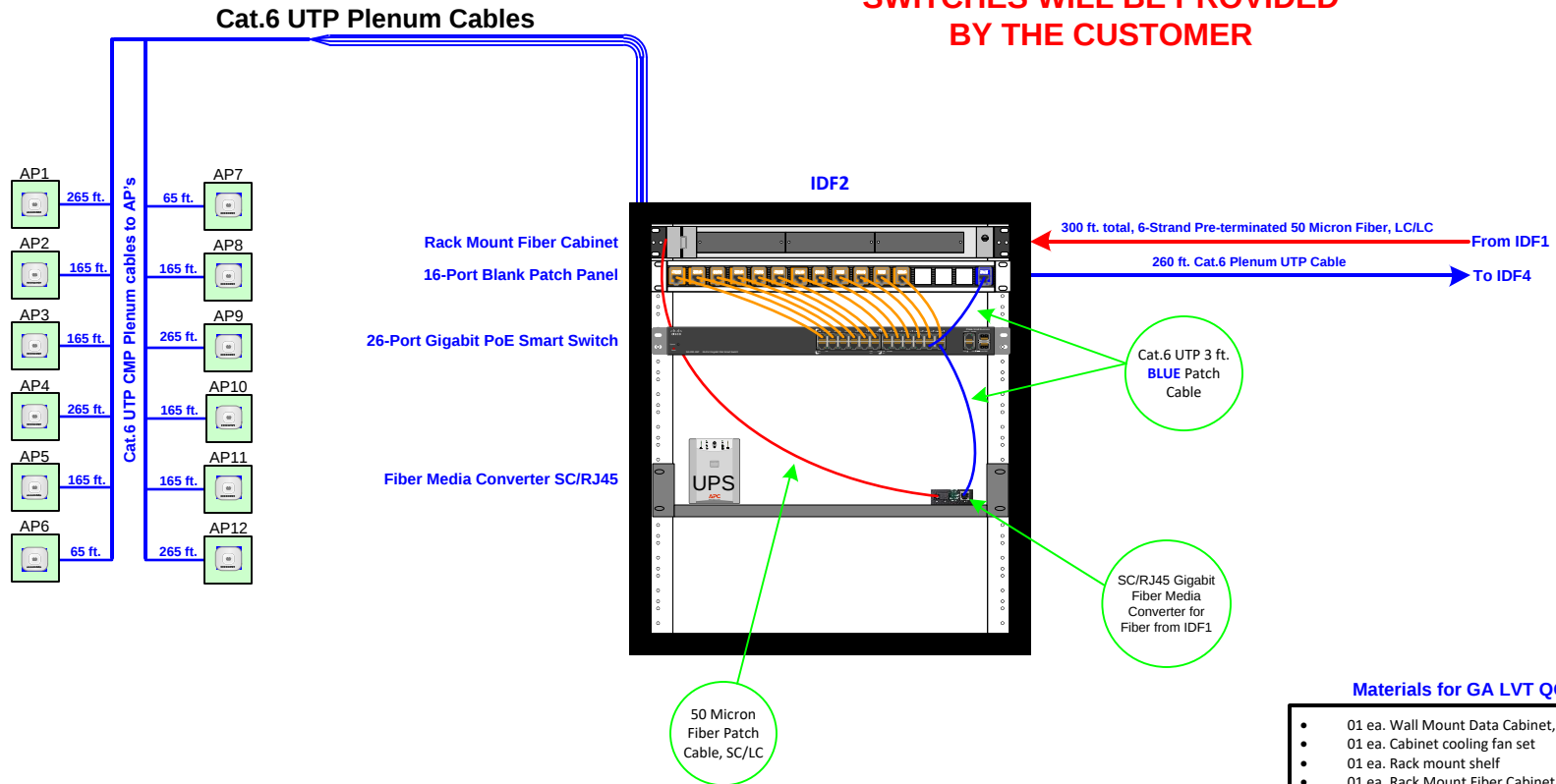
Date	03/10/2017
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Site	Pratt – Dallas TX 9209

IDF2 – Warehouse Area

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-  Access Point
-  Wall/Pole Mount Cabinet
-  Existing Data Drop
-  Special Data Drop (Time Clock, Kiosk, Projector, etc.)
-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board



**ALL DATA 26-Port: SG200-26FP
SWITCHES WILL BE PROVIDED
BY THE CUSTOMER**

Materials for GA LVT QQ #400000398

- 01 ea. Wall Mount Data Cabinet, 12U
- 01 ea. Cabinet cooling fan set
- 01 ea. Rack mount shelf
- 01 ea. Rack Mount Fiber Cabinet
- 02 ea. 6F Fiber Coupler Panel, LC 50 micron
- 01 ea. LC/SC 1M 50 Micron Fiber Patch Cable
- 01 ea. LC/LC 1M 50 Micron Fiber Patch Cable
- 01 ea. Fiber Media Converter, 10/100/1000 SC / RJ45
- 01 ea. 16-Port Unloaded Patch Panel
- 24 ea. Cat.6 ORANGE Modular Insert
- 01 ea. Cat.6 BLUE Modular Insert
- 12 ea. 1-port Surface Enclosure, Ivory
- 01 ea. 16-Port POE Injector
- 02 ea. 3 ft. Cat.6 Patch Cable, BLUE
- 12 ea. 10 ft. Cat.6 Patch Cable, ORANGE
- 24 ea. 1 ft. Cat.6 Patch Cable, ORANGE
- 01 ea. UPS
- 220 ea. J-Hook w/ Beam Clamp
- 2180 ft. Cat.6 UTP Plenum Cable
- ** CUSTOMER PROVIDED **
- 01 ea. Cisco 26-Port Gigabit PoE Smart Switch

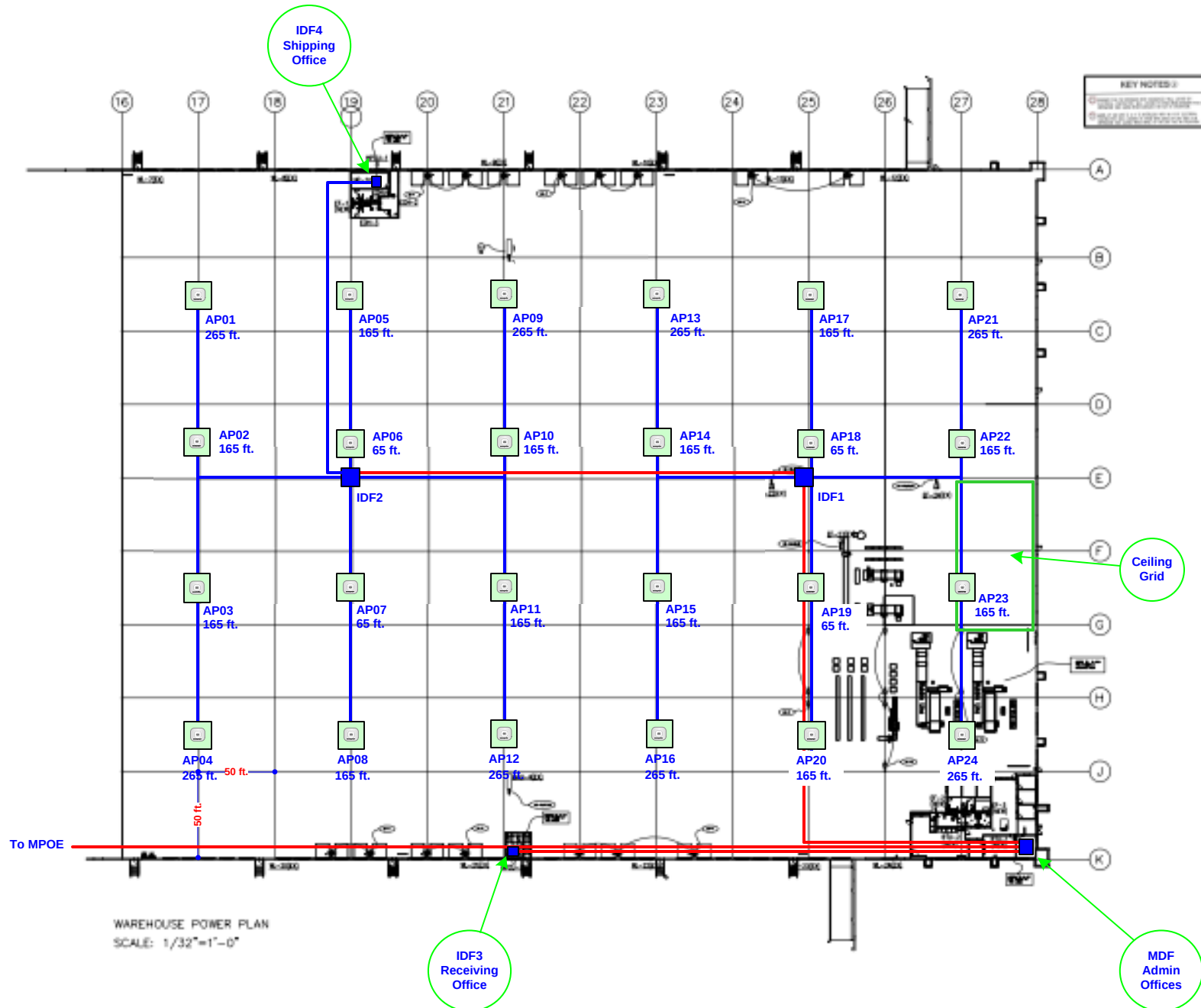
Date	02/09/2017
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Site	Pratt – Dallas TX 9209

WAREHOUSE

AP / Data Cabling

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- Access Point
- Wall/Pole Mount Cabinet
- Existing Data Drop
- Special Data Drop (Time Clock, Kiosk, Projector, etc.)
- New Data Drop (Add)
- Fiber Termination to Machine Control Board



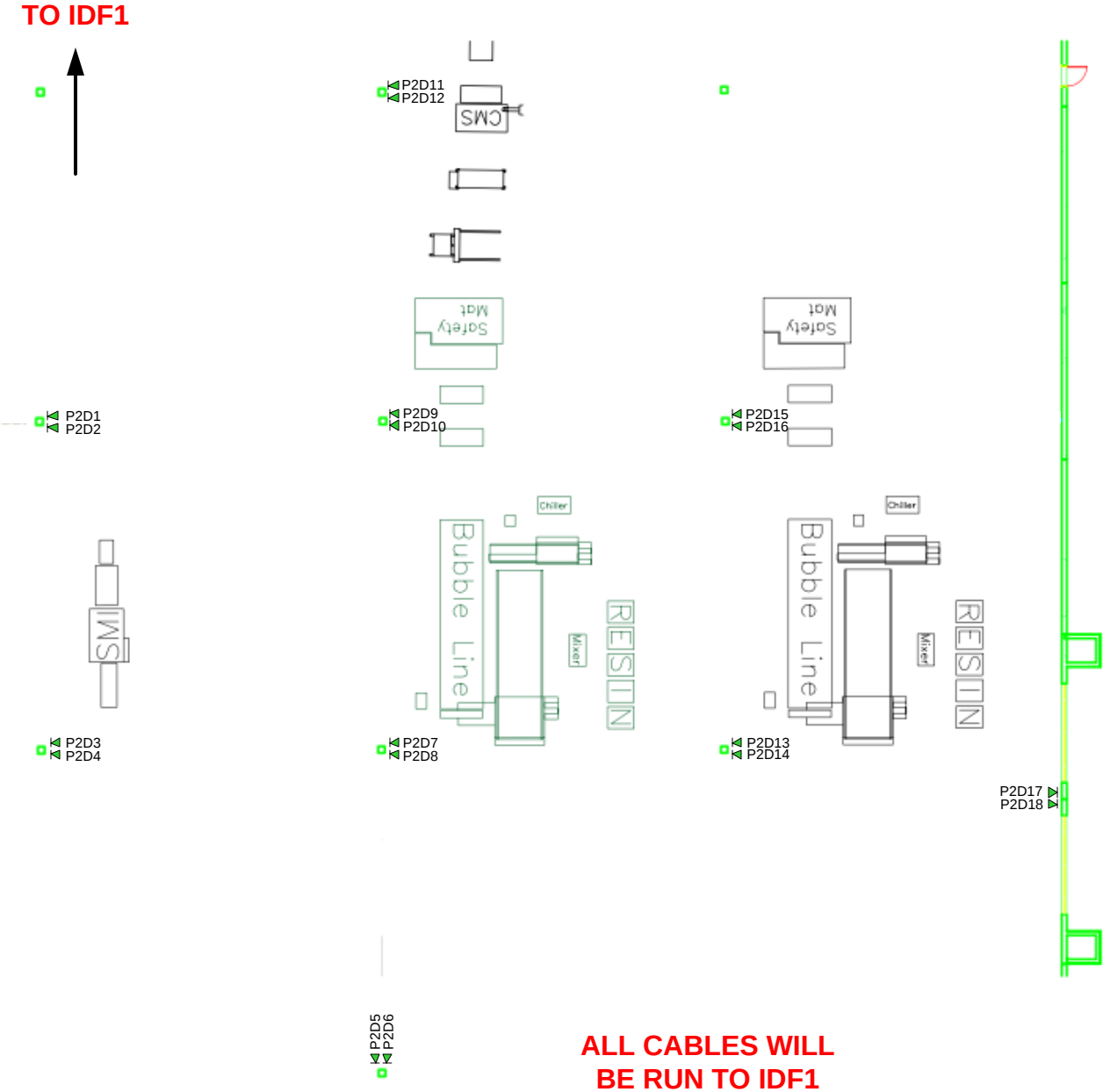
Date	02/28/2017
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Site	Pratt – Dallas TX 9209

BLOCK DIAGRAM

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- Access Point
- Wall/Pole Mount Cabinet
- Existing Data Drop
- Special Data Drop (Time Clock, Kiosk, Projector, etc.)
- New Data Drop (Add)
- Fiber Termination to Machine Control Board



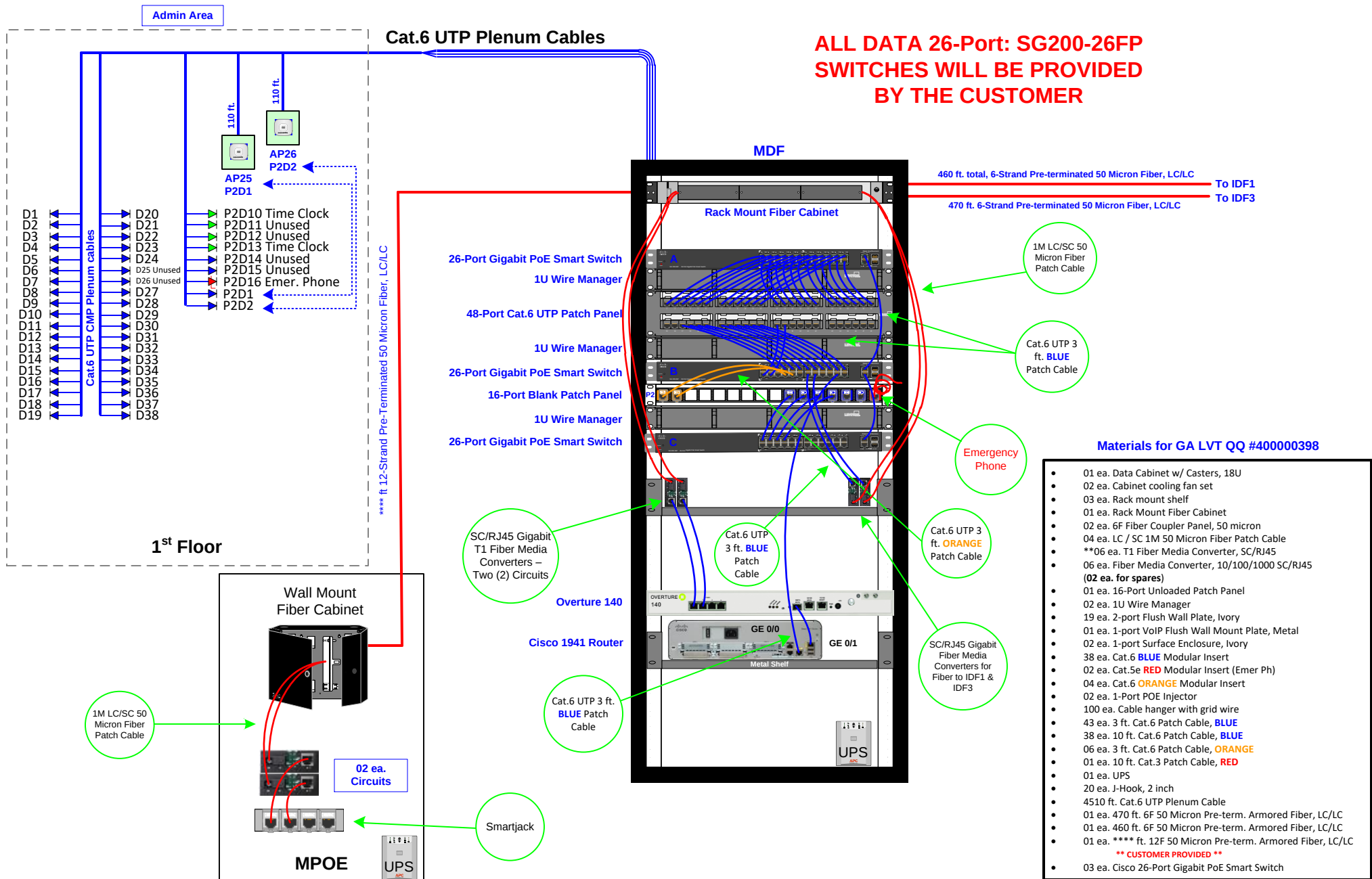
Date	03/10/2017
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Site	Pratt – Dallas TX 9209

MDF – Admin Area

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-  Wall/Pole Mount Cabinet
-  Existing Data Drop
-  Special Data Drop (Time Clock, Kiosk, Projector, etc.)
-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board



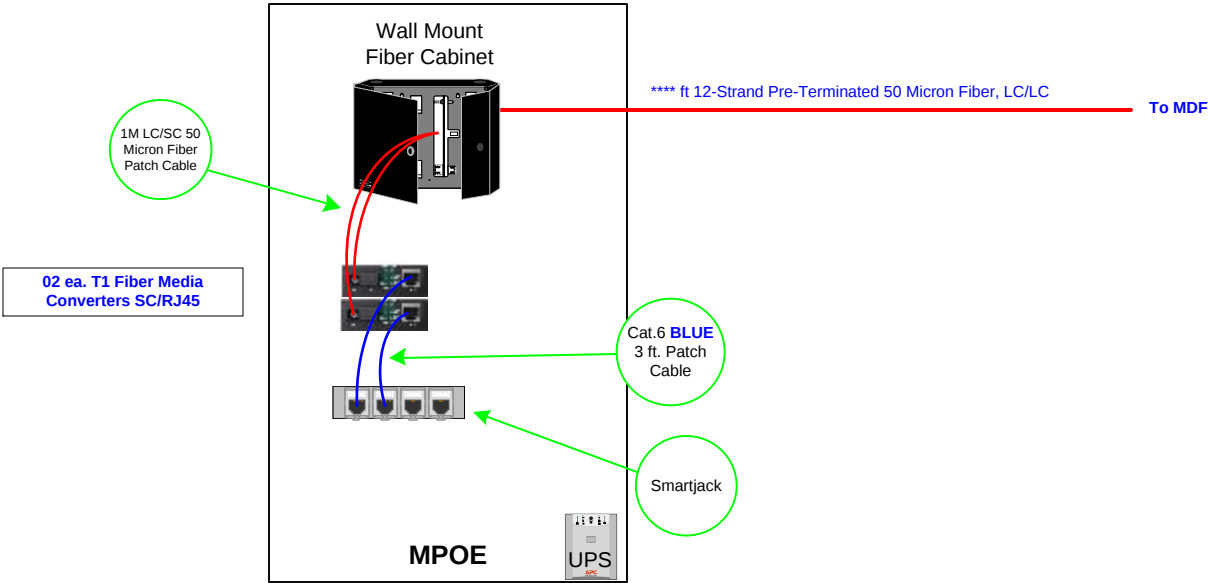
Date	11/21/2016
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Client	Pratt Industries
Site	Pratt #130 – Dayton NJ

MPOE

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- Access Point
- Wall/Pole Mount Cabinet
- Existing Data Drop
- Special Data Drop (Time Clock, Kiosk, Projector, etc.)
- New Data Drop (Add)
- Fiber Termination to Machine Control Board



Materials for GA LVT QQ #400000398

- 01 ea. Wall Mount Fiber Cabinet
- 01 ea. 12F Fiber Coupler Panel, LC
- 03 ea. 1M 50 Micron Fiber Patch Cable, SC/LC
- 03 ea. T1 Fiber Media Converter, SC/RJ45
- 03 ea. Cat.6 BLUE 3 ft. Patch Cable
- 01 ea. UPS

Date	12/21/2016
Diagram created for: Keith Estes, 678-374-5934	
Client	Pratt Industries
Site	Pratt – Dallas TX 9209

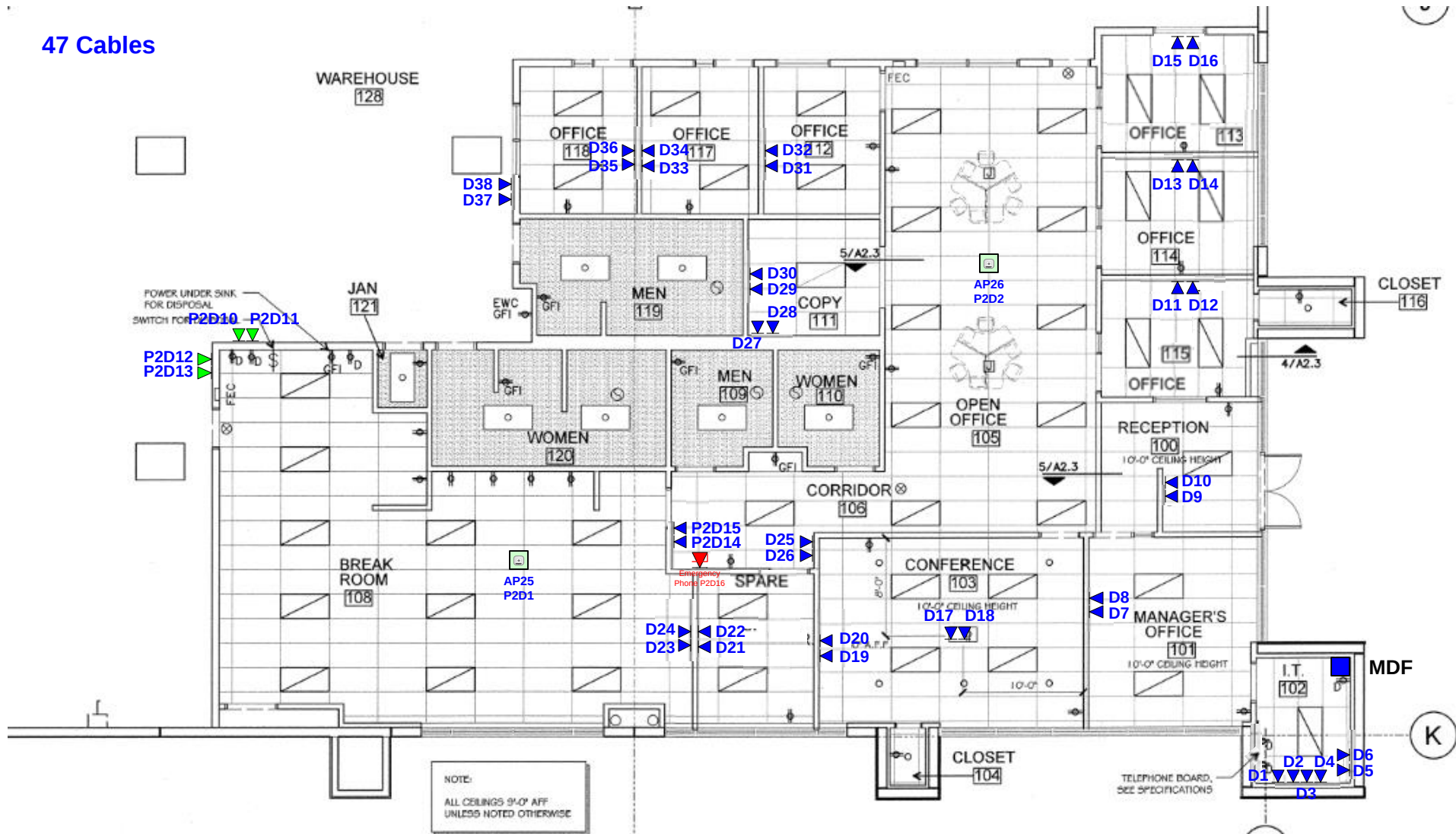
ADMIN OFFICES

AP / Data Cabling

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-  Access Point
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-  Existing Data Drop
-  Special Data Drop (Time Clock, Kiosk, Projector, etc.)
-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board

47 Cables



OFFICE AREA
1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

Date	03/02/2017
Diagram created for: Keith Estes, 678-374-5934	
Client	Pratt Industries
Site	Pratt – Dallas TX 9209

IDF3 – Receiving Area

AP / Data Cabling

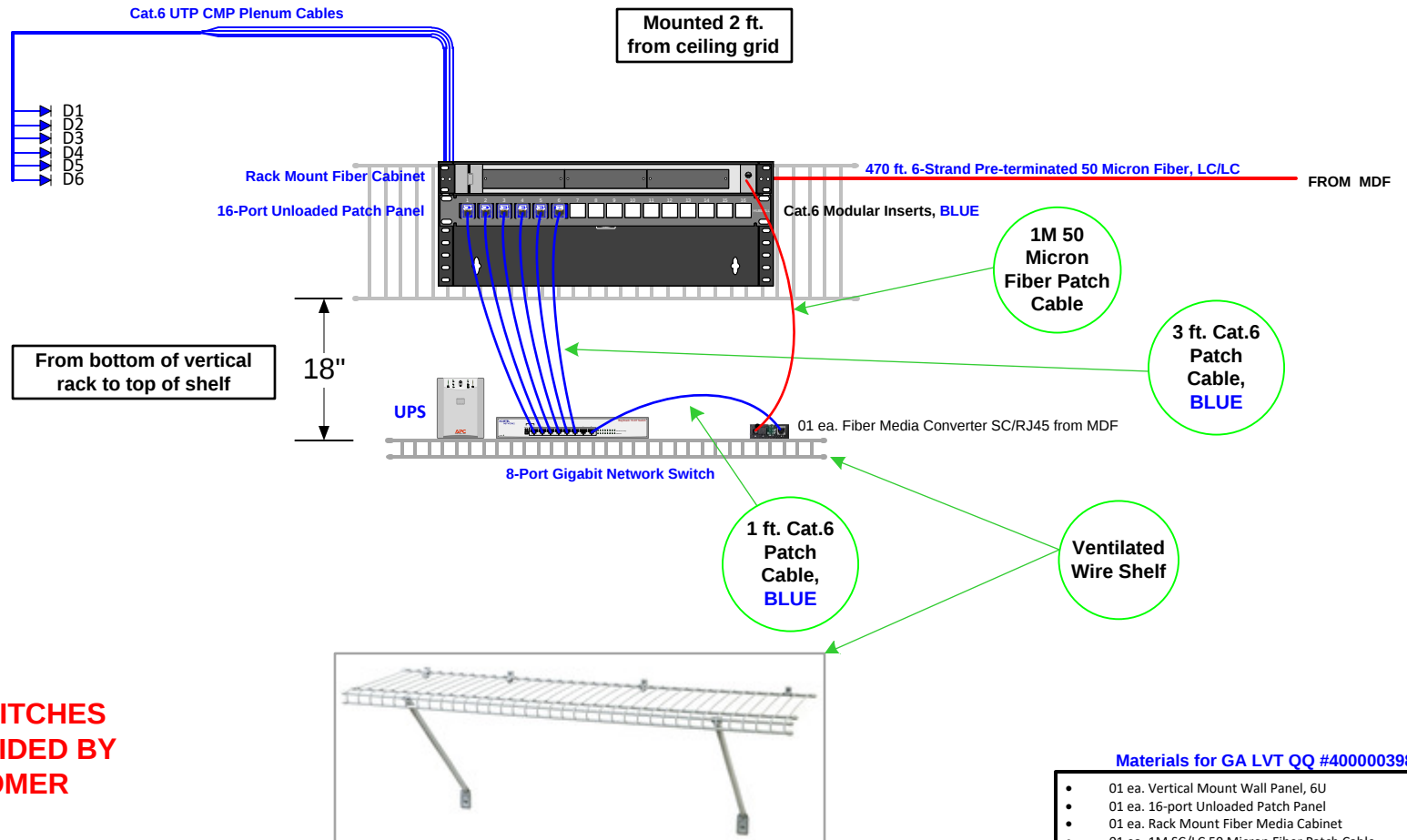
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-  Access Point
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-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board



IDF3 – Top View

Mounted 2 ft.
from ceiling grid



**ALL DATA SWITCHES
WILL BE PROVIDED BY
THE CUSTOMER**

Materials for GA LVT QQ #40000398

- 01 ea. Vertical Mount Wall Panel, 6U
- 01 ea. 16-port Unloaded Patch Panel
- 01 ea. Rack Mount Fiber Media Cabinet
- 01 ea. 1M SC/LC 50 Micron Fiber Patch Cable
- 01 ea. SC/RJ45 10/100/1000 Fiber Media Converter
- 01 ea. Ventilated 12x24 Wire Shelf Kit
- 12 ea. Cat.6 Modular Insert, BLUE
- 03 ea. 2-port Flush Wall Jack, white
- 07 ea. 3 ft. Cat.6 Patch Cable, BLUE
- 03 ea. 10 ft. Cat.6 Patch Cable, BLUE
- 01 ea. 1 ft. Cat.6 Patch Cable, BLUE
- 660 ft. Cat.6 UTP Plenum Cable
- 01 ea. UPS

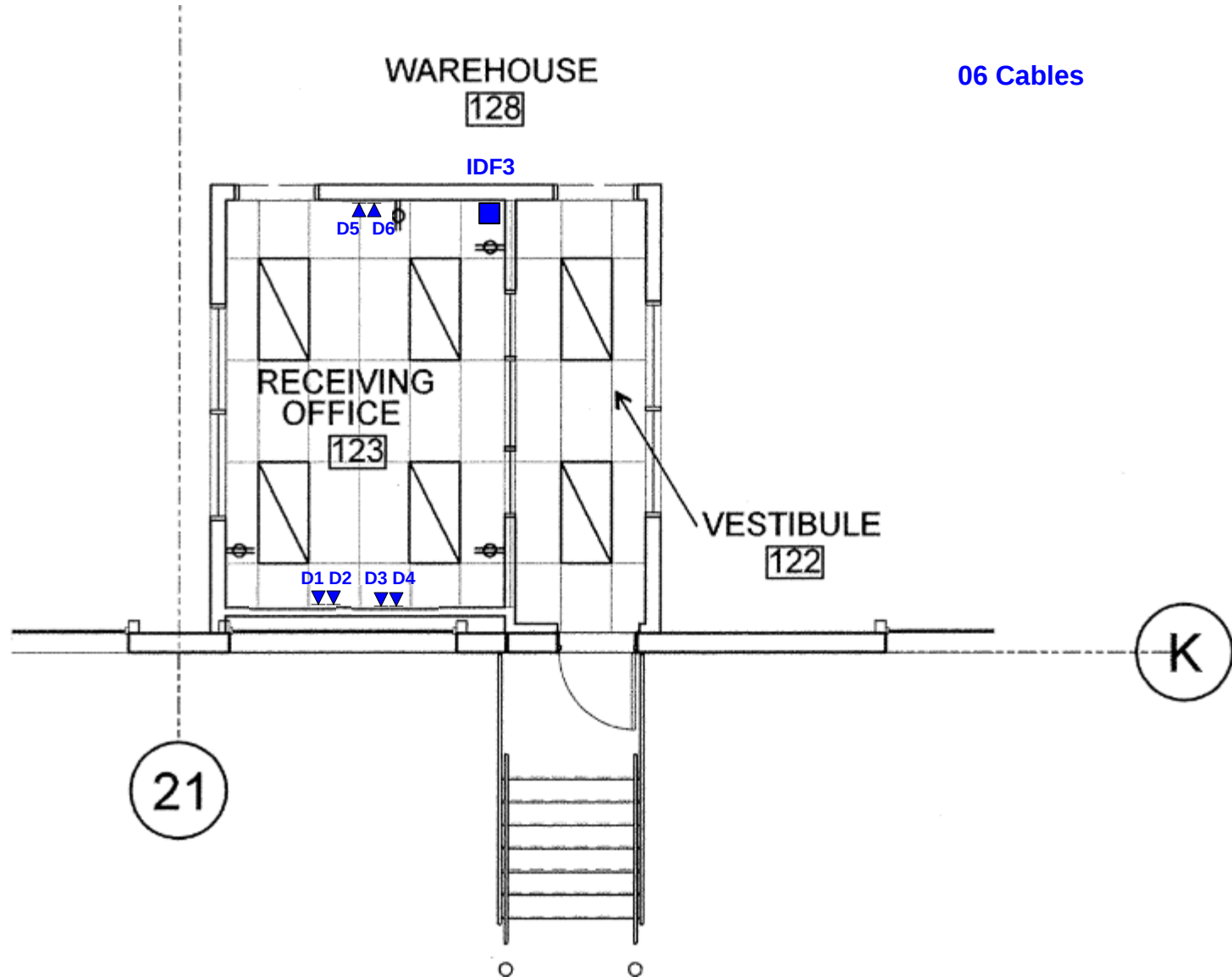
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Site	Pratt – Dallas TX 9209

RECEIVING OFFICE

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-  Existing Data Drop
-  Special Data Drop (Time Clock, Kiosk, Projector, etc.)
-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board



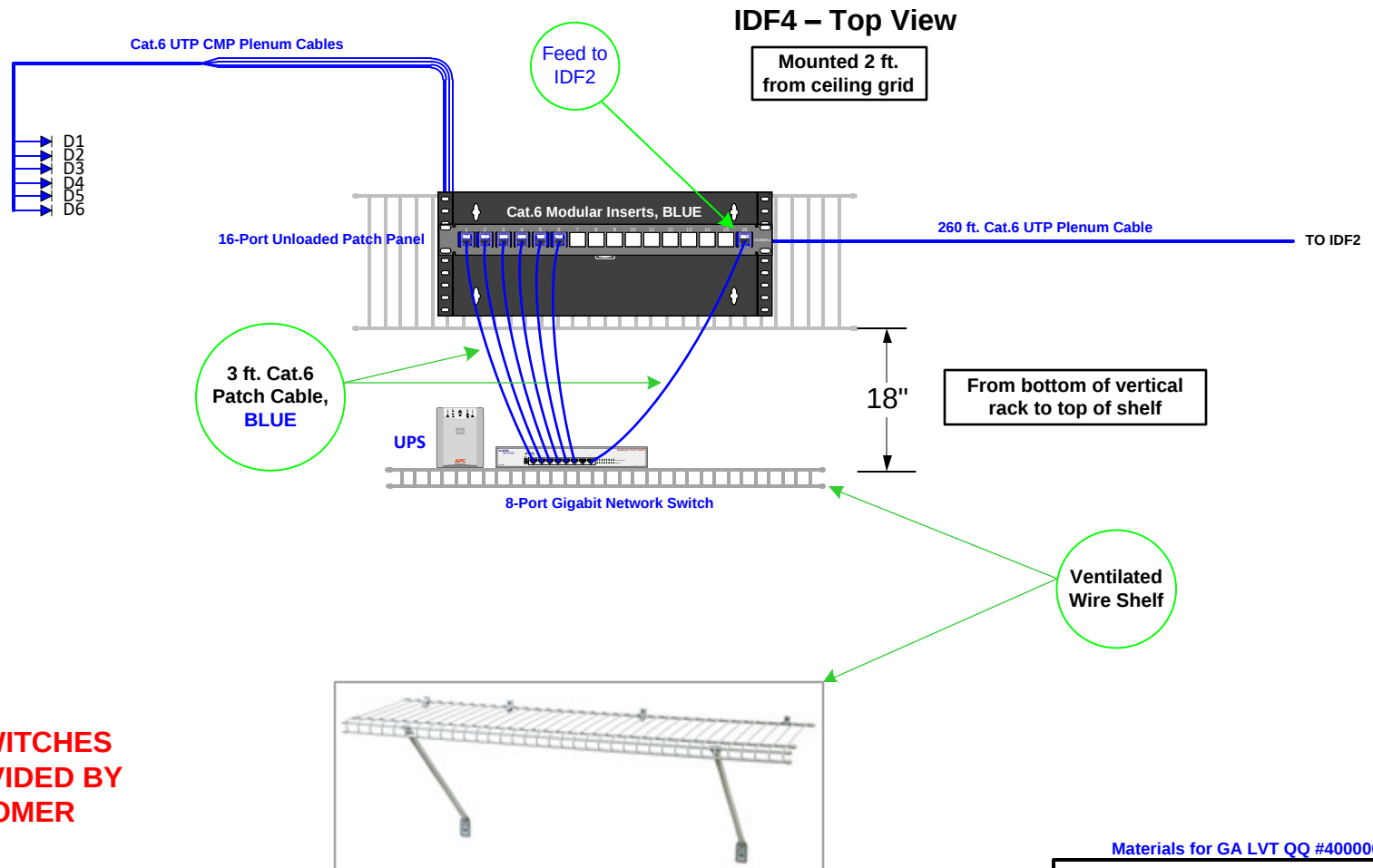
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Site	Pratt – Dallas TX 9209

IDF4 – Shipping Area

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-  Access Point
-  Wall/Pole Mount Cabinet
-  Existing Data Drop
-  Special Data Drop (Time Clock, Kiosk, Projector, etc.)
-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board



**ALL DATA SWITCHES
WILL BE PROVIDED BY
THE CUSTOMER**

Materials for GA LVT QQ #400000398

- 01 ea. Vertical Mount Wall Panel, 4U
- 01 ea. 16-port Unloaded Patch Panel
- 01 ea. Ventilated 12x24 Wire Shelf Kit
- 13 ea. Cat.6 Modular Insert, BLUE
- 03 ea. 2-port Flush Wall Jack, white
- 07 ea. 3 ft. Cat.6 Patch Cable, BLUE
- 06 ea. 10 ft. Cat.6 Patch Cable, BLUE
- 1180 ft. Cat.6 UTP Plenum Cable
- 01 ea. UPS

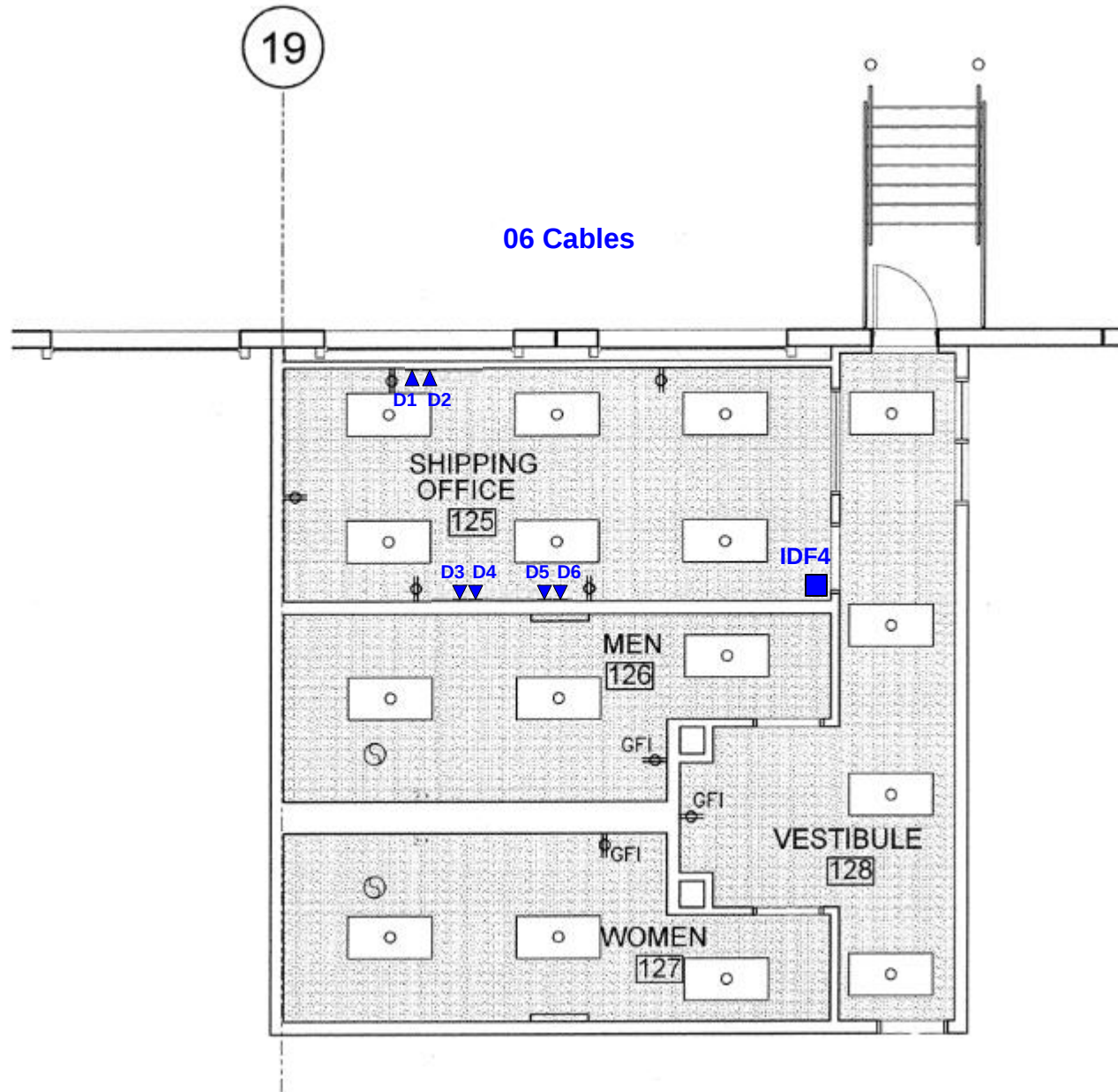
Date	12/21/2016
Diagram created for: Keith Estes, 678-374-5934	
Client	Pratt Industries
Site	Pratt – Dallas TX 9209

SHIPPING OFFICE

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-  Existing Data Drop
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-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board



Date	12/21/2016
Diagram created for: Keith Estes, 678-374-5934	
Client	Pratt Industries
Site	Pratt – Dallas TX 9209

AP INFO

AP / Data Cabling

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-  Fiber Termination to Machine Control Board

IDF1

AP13 Serial #: Q2PD-WT7S-BTJQ



MAC: E0:55:3D:F3:B1:B2

AP14 Serial #: Q2PD-ZSC8-UX87



MAC: E0:55:3D:F3:C8:9C

AP15 Serial #: Q2PD-264Q-6DX4



MAC: E0:55:3D:F3:B6:09

AP16 Serial #: Q2PD-84UA-PNSK



MAC: E0:55:3D:F3:C4:CA

AP17 Serial #: Q2PD-7TW4-ZMRP



MAC: E0:55:3D:F3:C4:1D

AP18 Serial #: Q2PD-3FWY-GBL8



MAC: E0:55:3D:F3:B9:49

AP19 Serial #: Q2PD-2549-WEX6



MAC: E0:55:3D:F3:B5:F4

AP20 Serial #: Q2PD-6U5B-JSGW



MAC: E0:55:3D:F3:C1:94

AP21 Serial #: Q2PD-WG5A-4Y4K



MAC: E0:55:3D:F3:B0:E8

AP22 Serial #: Q2PD-YR6C-SPSM



MAC: E0:55:3D:F3:C6:2B

AP23 Serial #: Q2PD-U656-7WHX



MAC: E0:55:3D:F3:AB:14

AP24 Serial #: Q2PD-3QJ8-6E4F



MAC: E0:55:3D:F3:B9:E9

IDF2

AP01 Serial #: Q2PD-755L-QPWQ



MAC: E0:55:3D:F3:C2:46

AP02 Serial #: Q2PD-ZZMR-QPZM



MAC: E0:55:3D:F3:C9:33

AP03 Serial #: Q2PD-VGQ6-N8ZU



MAC: E0:55:3D:F3:AE:82

AP04 Serial #: Q2PD-ZEZV-UTBV



MAC: E0:55:3D:F3:C7:C1

AP05 Serial #: Q2PD-RS8F-NC6K



MAC: E0:55:3D:F3:A5:7D

AP06 Serial #: Q2PD-3SFZ-FP74



MAC: E0:55:3D:F3:BA:13

AP07 Serial #: Q2PD-3VGE-AXAS



MAC: E0:55:3D:F3:BA:4D

AP08 Serial #: Q2PD-U7T9-LBFL



MAC: E0:55:3D:F3:AB:32

AP09 Serial #: Q2PD-7AJE-HXU7



MAC: E0:55:3D:F3:C2:A9

AP10 Serial #: Q2PD-4DTT-B6KC



MAC: E0:55:3D:F3:BB:98

AP11 Serial #: Q2PD-4LFD-MMSW



MAC: E0:55:3D:F3:BC:12

AP12 Serial #: Q2PD-2A2Z-RD73



MAC: E0:55:3D:F3:B6:53

ADMIN AREA

AP25 Serial #: Q2PD-V3NL-EMJP



MAC: E0:55:3D:F3:AD:6A

AP26 Serial #: Q2PD-YK4W-29SW



MAC: E0:55:3D:F3:C5:AA

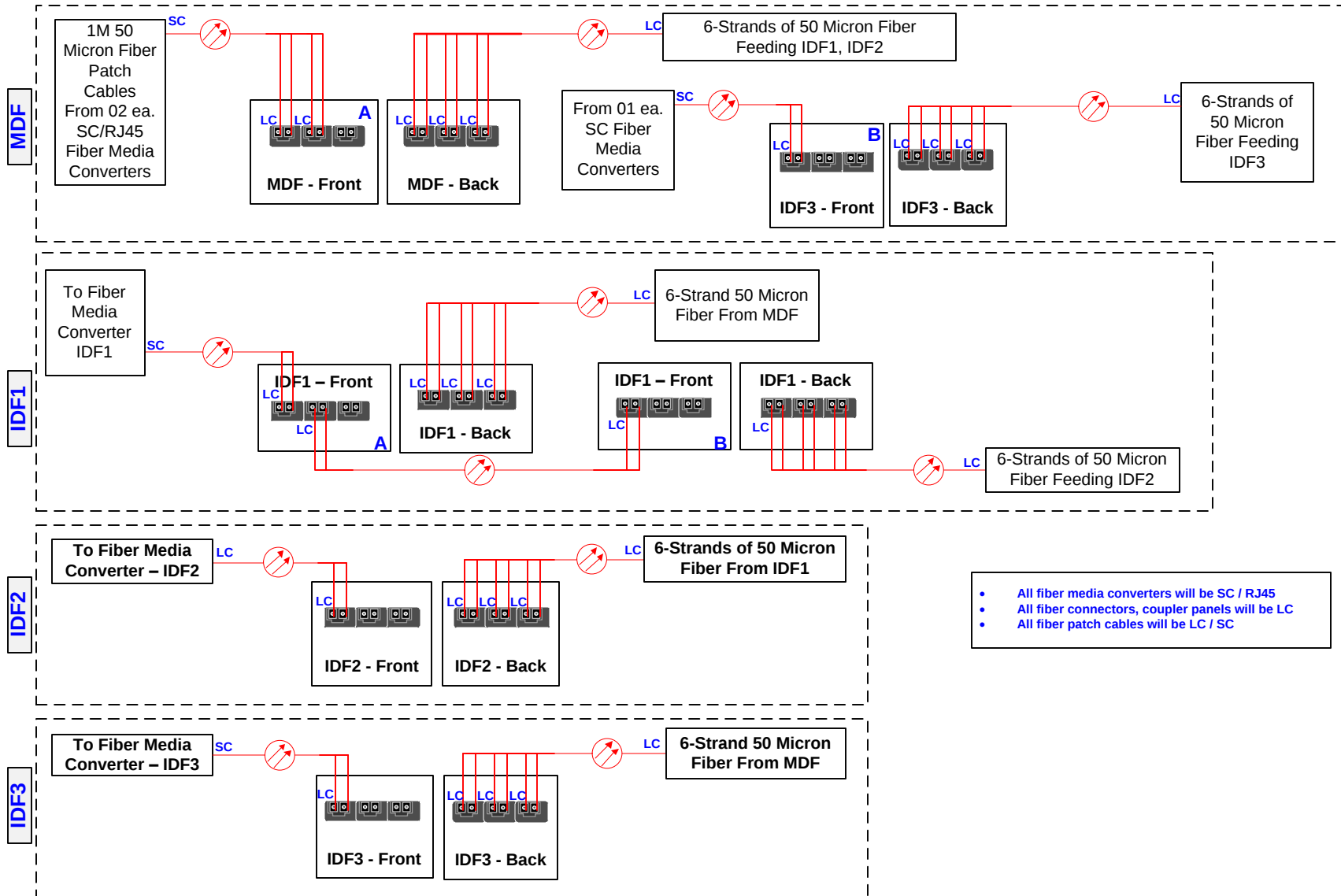
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Site	Pratt #130 – Dayton NJ

DATA FIBER CONNECTIVITY

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-  New Data Drop (Add)
-  Fiber Termination to Machine Control Board



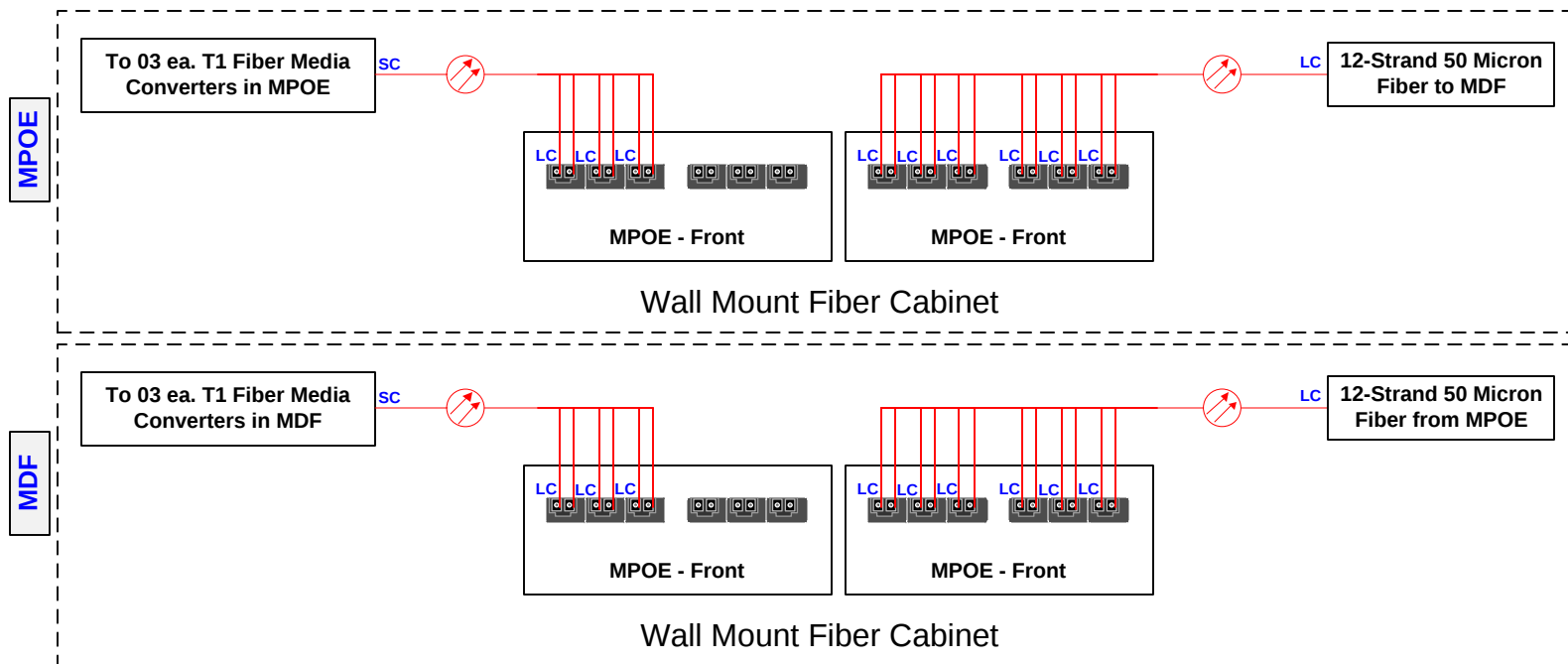
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Diagram created for: Keith Estes, 678-374-5934	
Client	Pratt Industries
Site	Pratt #130 – Dayton NJ

MPOE FIBER CONNECTIVITY

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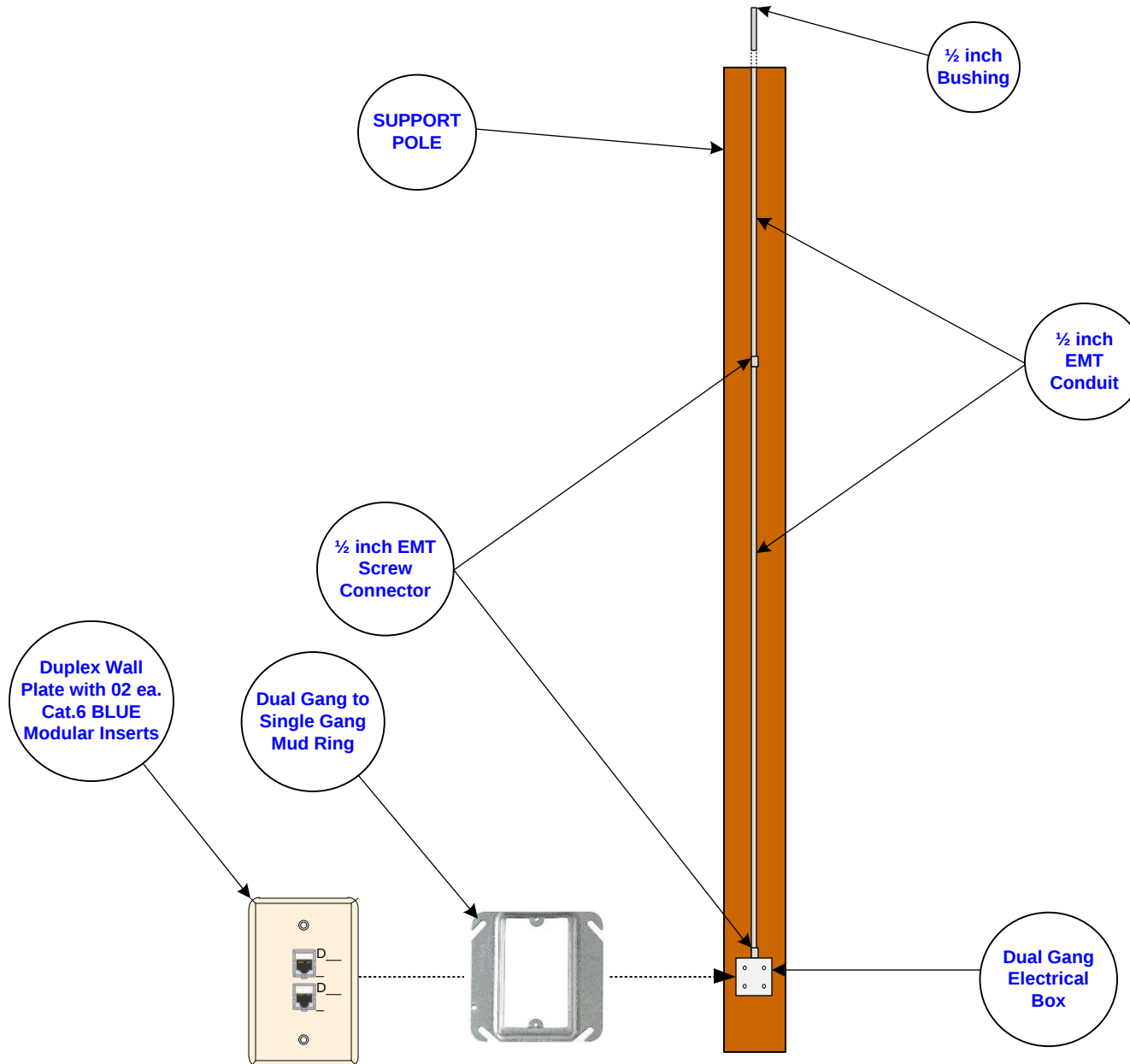
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WAREHOUSE EMT

AP / Data Cabling

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AP EXAMPLE PICTURES

AP / Data Cabling

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Side view of pole mounted cabinet using Unistrut and treaded rod



Drop Pole Assemblies with AP mounted



Cable Pathways, J-Hooks



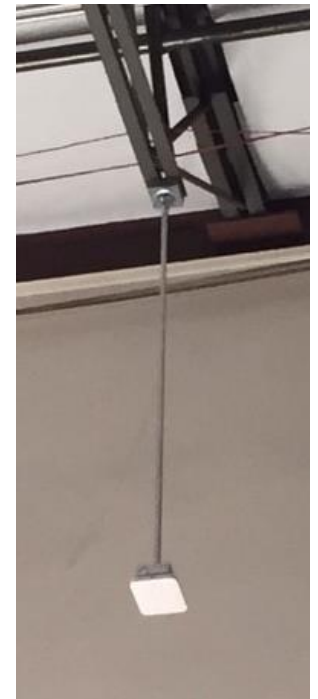
Front view of pole mounted cabinet



AP Jack Label



Installed Drop Pole Assembly



LARGE Computer Generated Labels



