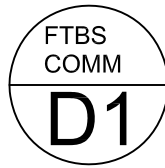


# PORT OF SEATTLE REQUIRED CABLING FOR AIRLINE GATES

## -FIBER TO BACK STAND (FTBS) CONCEPT

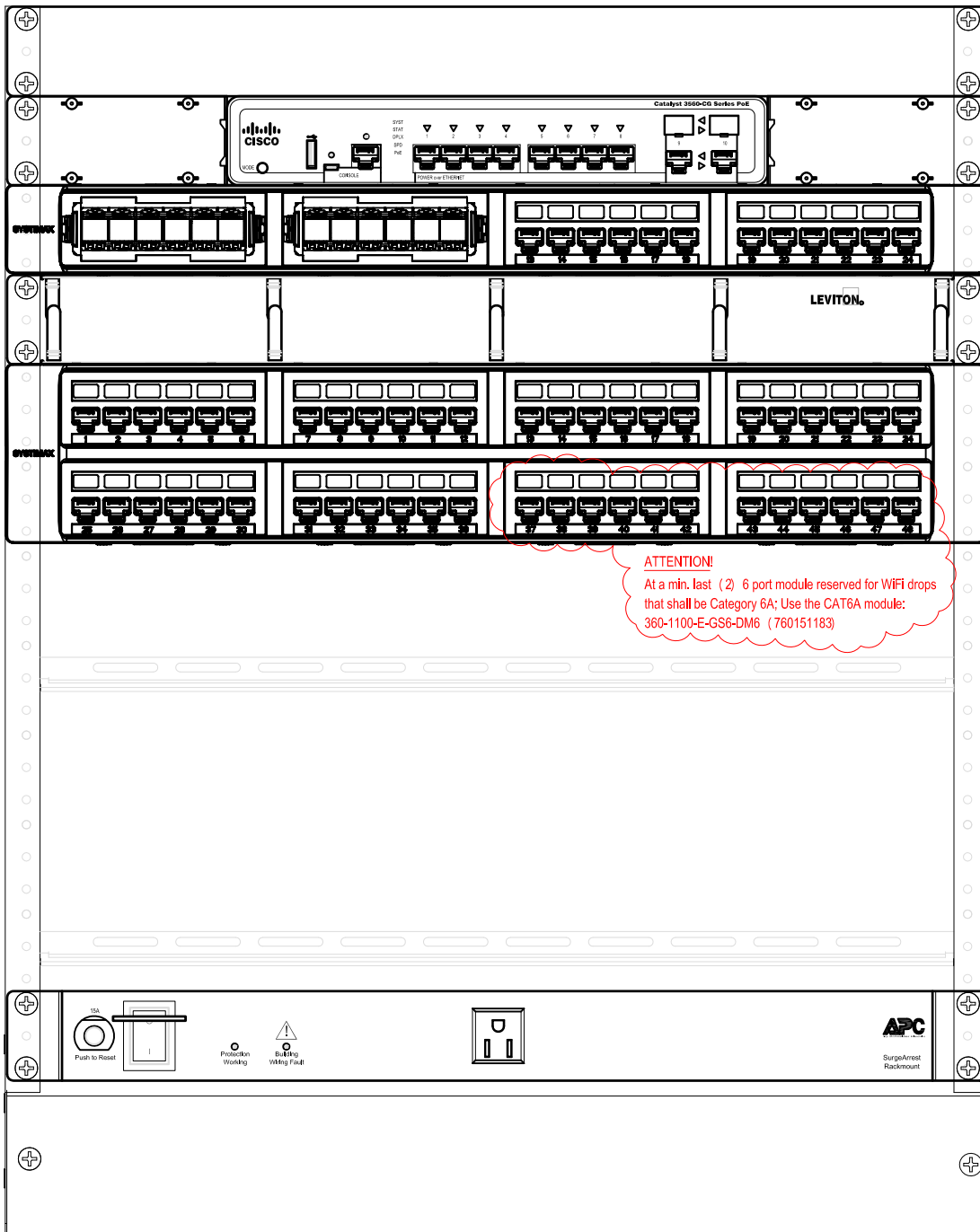
rev-A (121814)



DETAIL COMM; RACK ELEVATION w/ GEAR

Ref. PARTS LIST  
DETAIL P1

### RACK POSITION:



-1 (ID PLATE)

-2 (PORT NET.)

-3 (BACKBONE)

-4 (WIRE MGR.)

-5 & 6 (HORIZONTAL)

Port Info.:

1-24: Counter, podium, TWVPS, GIDs, etc.

25-30: R-1 Comm. Box Exterior Jet Way

31-36: Future misc. horizontal cable, inc. Wi-F

37-48: Wi-Fi Horizontal; CAT6A

-7 thru 11

Open space

Airline/Tenant

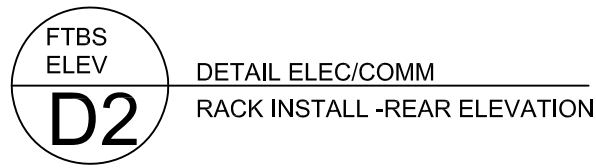
-12

-A

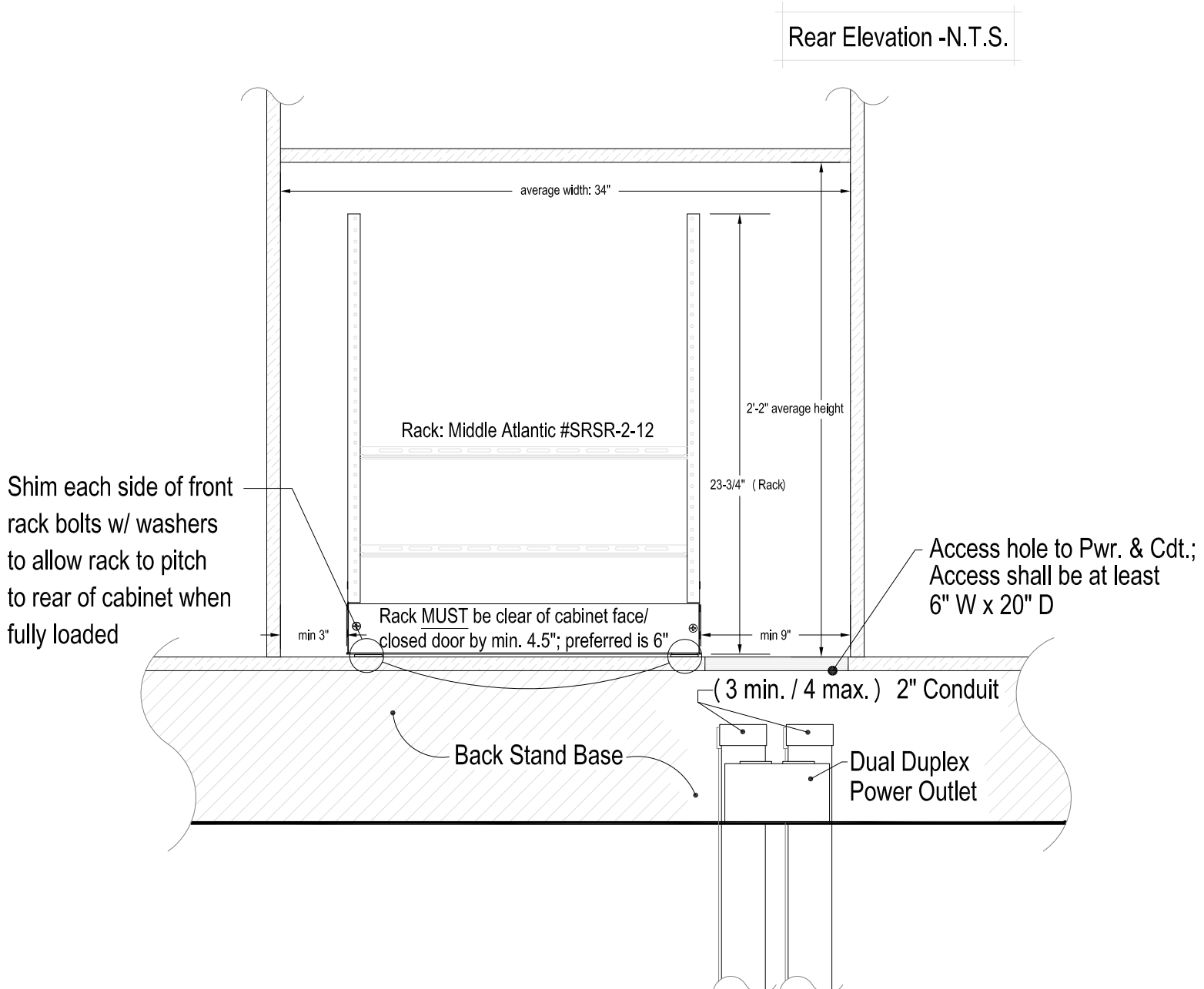
# PORT OF SEATTLE REQUIRED CABLING FOR AIRLINE GATES

## -FIBER TO BACK STAND (FTBS) CONCEPT

rev-A (121814)



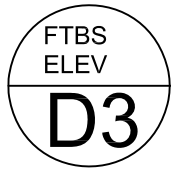
### TYPICAL PORT OF SEATTLE BACK STAND COMM AREA



# PORT OF SEATTLE REQUIRED CABLING FOR AIRLINE GATES

## -FIBER TO BACK STAND (FTBS) CONCEPT

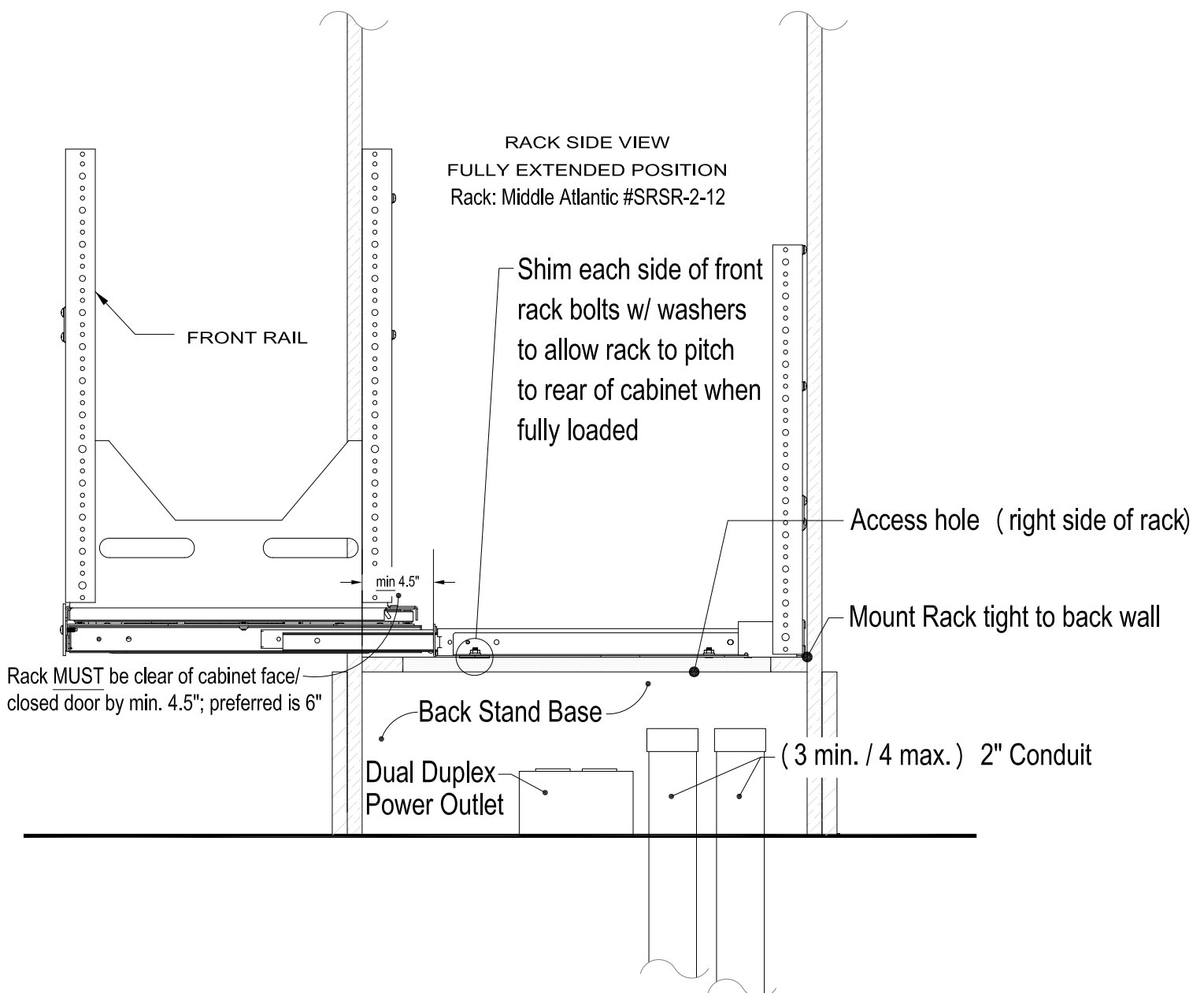
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DETAIL ELEC/COMM  
RACK INSTALL SIDE ELEVATION

## TYPICAL PORT OF SEATTLE BACK STAND COMM AREA

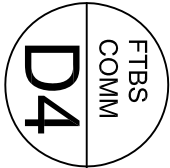
Side Elevation -N.T.S.



PORT OF SEATTLE REQUIRED CABLING FOR AIRLINE GATES

-FIBER TO BACK STAND (FTBS) CONCEPT

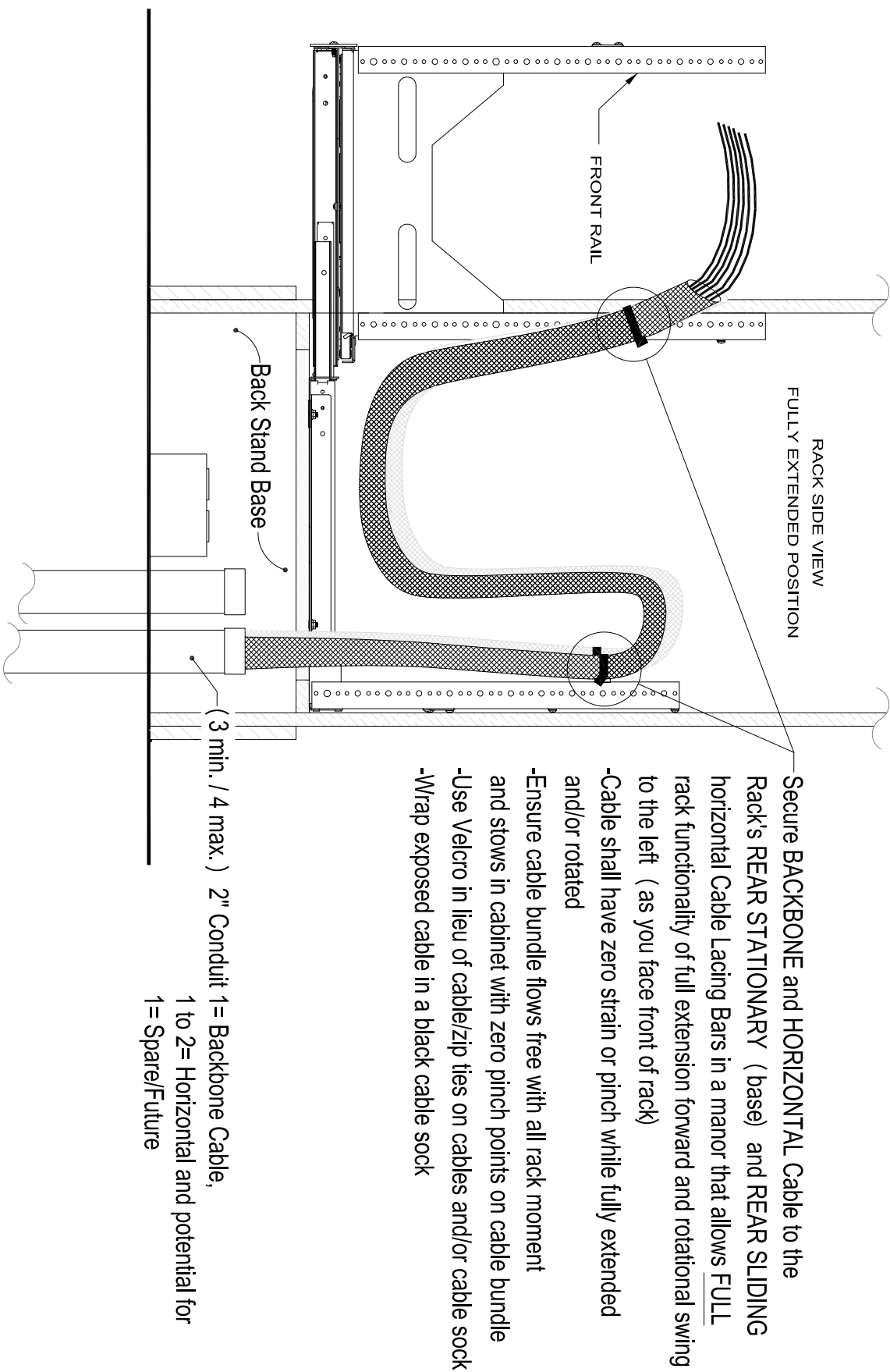
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CABLE DRESSING REQ  
Ref. CABINET ELEV.  
DETAIL D1

TYPICAL PORT OF SEATTLE BACK STAND COMM AREA

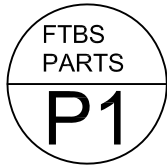
Cable Dressing -N.T.S.



# PORT OF SEATTLE REQUIRED CABLING FOR AIRLINE GATES

## -FIBER TO BACK STAND (FTBS) CONCEPT

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### PARTS LIST

Ref. RACK ELEVATION  
DETAIL D1

### Equipment for Fiber-To-Back-Stand (FTBS) Port of Seattle Infrastructure setup

Rack Pos:	Amt.:	Supplier:	Catalog/Part Number (Material ID):	Description:
1	1	Middle Atlantic	EB-1	1 rack unit blank panel (Port of Seattle EQ info. label)
2	1	Cisco	<i>Model Varies</i>	OPSLAN Switch (Port Network Eng. shall install/config.)
3 (Note: 1 unit at gate, other in Port Comm Rm.)	2 2 1* 4 4	CommSCOPE® / SYSTIMAX 360™	360-E-KIT-1U (760155739) ~Plus below inserts~ 360-1100-E-FCM (760175919) 360-1100-E-FB-4PK (760175877) 360G2 Cartridge 12-LC-SM-BL (760109272) 360-1100-E-GS3-DM6 (760151167)	360 1100 Evolve Panel Kit w/ no term. hardware loaded 360 1100 Evolve Fiber Cable Management Kit 360 1100 Evolve Fiber Bezel (Insert to hold fiber cartridge)* 360G2 Cartridge 12 LC TeraSPEED blue GigaSPEED XL® Category 6 Distribution Module
(*) This is a pack of 4 Bezels. Port of Seattle recommends using the spare two in the communication room end termination panel				
4	2	Leviton	49253-LPM (Note: 1 unit at gate, other in Port Comm Rm.)	Five-Ring Horizontal Patch Cord Organizer, 1RU, 4" D-Rings
5 and 6	1 1+! 4+!	CommSCOPE® / SYSTIMAX 360™	360-E-KIT-2U (760155747) ~Plus below inserts~ 360-1100-E-GS6-DM6 (760151183) 360-1100-E-GS3-DM6 (760151167)	360 1100 Evolve Panel Kit w/ no term. hardware loaded GigaSPEED X10D® Category 6A Distribution Module <For Wi-Fi> GigaSPEED XL® Category 6 Distribution Module <For all other>
(!) Note: Kit holds (8) 6 port modules. Refer to each gate design for proper count and type (Cat 6 vs 6A) for all horizontal cable				
8	0	Open		
9	0	Open		
10	0	Open		
11	0	Open		
12	1	APC	NET9RMBLK	Power supply, 1RU Surge Arrest 9 outlets
A	1	Middle Atlantic	SRSR-2-12	Sliding/Rotating Rack; 12 RU (19" usable depth version)

#### BACKBONE Cable Package to Port of Seattle Equipment Room:

Media:	Amt.:	Catalog/Part Number (Material ID) and Description:
CAT6	12	1071E RD 4/23 W1000 (700212020) -Description: SYSTIMAX 360™ GigaSPEED XL® U/UTP 1071E Non-Plenum with a jacket color of RED
SMF	2	R-012-DS-8W-FSUYL (760004440) -Description: 12 strand TeraSPEED Non-Plenum Single Unit Distribution Cable
Duct	1	MXCM3303BK 3-Cell by MaxCell -Description: 1 pack/ 3-cell Micro fabric innerduct

#### Above pulled into -PATHWAY:

CDT	1	Place (1) 2" CONDUIT from Port Equipment Room into FTBS rack; full continuous run shall not exceed 250ft. (75m). Conduit run bends shall not exceed 180 degrees per 100ft lineal segments; place gutters or pull boxes every 100ft of continuous lineal run. All couplers painted Orange
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#### HORIZONTAL Distribution Cable at Gate:

Media:	Amt.:	Catalog/Part Number (Material ID) -and Port System/ Description:
CAT6A	6(+)	1091B OR 4/23 W1000 (760107128) -Wi-Fi/Access points, use SYSTIMAX 360™ GigaSPEED X10D® Non-Plenum with a jacket color of ORANGE
CAT6	24(+)	1071E RD 4/23 W1000 (700212020) -General Horizontal, use SYSTIMAX 360™ GigaSPEED XL® Non-Plenum with a jacket color of RED
CAT6 (OSP)	6	1571A BK 4/24 R1000 (760008888) -FMS/ICT to Jet Bridge R1-Box, use SYSTIMAX Category 6, Outdoor rated with a jacket color of BLACK
FYI	Varies	Destination End (wall plates) Information Module (Data jack)- Wi-Fi access Points use: MGS600-112 (760092379) color-ORANGE All other General Horizontal use: MGS400-317 (700206741) color-RED

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