

All exceptions to standards shall be requested by contractor and authorized in writing by District

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Section 1. GENERAL GUIDELINES

- 1.1. Contractor shall examine the Site and certifies that it accepts all measurements, specifications and conditions affecting the work to be performed at the Site. No claim for allowances of time or money will be allowed as to any other undiscovered condition on the Site
- 1.2. Contractor shall be responsible for bringing product(s) to site, placing, installing, securing and configuring contractor provided equipment at no additional charge
- 1.3. All equipment in MDF and IDF locations not in production shall be reported to the district, approved for removal and returned to the District by contractor at no additional change
- 1.4. It shall be the responsibility of the Contractor to account for all additional power loads and make the necessary power systems upgrades as part of the scope of work. All networked, power related devices shall be connected and configured to the network
- 1.5. All equipment shall be completely installed and configured. Completeness of installation shall be determined by the technology inspector

Section 2. WIRELESS GUIDELINES

- 2.1. Design wireless access for coverage and high density. High density wireless within any space is defined as the maximum occupancy of the space
- 2.2. Ubiquitous wireless coverage which supports SBAC testing, voice and video inside any building and places where people gather on campus. Use five (5) Mbps of symmetrical throughput per device as a minimum guideline
- 2.3. At least one (1) access point shall be installed within each classroom. Each classroom must provide wireless access whereas at least seventy-five percent (75%) of actual maximum access point performance is available anywhere within that space
- 2.4. All office spaces must provide wireless access whereas at least seventy-five percent (75%) of actual maximum access point performance is available anywhere within that space
- 2.5. At least two (2) access points shall be installed within each multipurpose room, library and gym. All multipurpose rooms, libraries and gyms must provide wireless access whereas at least sixty percent (60%) of actual maximum access point performance is available anywhere within that space
- 2.6. All other rooms not defined above where people gather within or about a building must provide wireless access whereas at least fifty percent (50%) of actual maximum access point performance is available anywhere within that space
- 2.7. The wireless user roaming experience within a building shall be seamless
- 2.8. All wireless access points shall be designed, installed and tuned to provide maximum performance within the space
- 2.9. All exception requests must be submitted in the form of a Request for Information (RFI) to the District
- 2.10. The responsibility to meet this section requirements are the sole responsibility of the contractor

2.11. INSTALLATION

- 2.11.1. Wireless Access Point
 - (1) Indoor & Outdoor WAP endpoint termination, see section 9.05 & 9.06.
 - (2) As close to the users as possible, in most cases in the center of the room
 - (3) Horizontally installed. Mounted twelve to sixteen (12-16) feet high from finished floor
 - (4) A minimum of twelve (12) inches away from any electronic equipment
 - (5) Patch cable holes in ceiling tiles no greater than three (3) inches from Access Point
 - (6) Patch cable penetration from Access Point into ceiling tile no larger than US dime
 - (7) Service loops: See Cabling Guidelines, service loops section



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Section 3. CABLING GUIDELINES

3.01 COPPER

- (A) All terminations shall conform to TIA/EIA 568B
- (B) Category 6A cable and connectors shall be Belden System 10GX or equivalent. Cable must be small OD. Please check section 9.05, for Access Point termination connection side.
- (C) Cable performance warranties shall be no less than twenty years. Warranties must be manufacturer certified
- (D) No new pathways, including conduits shall have greater than a 35% initial max calculated fill
- (E) Cable management shall be utilized whereas no excessive cable is visible. New installations shall be planned for initial max calculated fill ratio of 35% and a maximum of 50% in existing installations. Cable management including waterfalls at all conduits and rack systems must be installed as part of scope
- (F) Cables shall be tied with Velcro or to cable management manufacturers recommended solution
- (G) New or existing cables shall be routed through cable management. Whereas cable management does not exist it shall be provided as part of the scope of work.
- (H) All horizontal cable must be contiguous and terminate into workstation outlets or patch panels
- (I) All workstation outlets must be secured to a surface as to not allow any movement
- (J) Cross-connect jumpers, modular plug cords and connectors should be of the same category or higher as the category of the cabling to which they are connected

(K) CATEGORY COMPLIANCE

- (1) Category 6, plenum: All horizontal cable, associated patch cables and jacks
- (2) Category 6A, plenum: All Wireless access point ethernet ports, associated patch cables and jacks

(L) SERVICE LOOPS

- (1) Service loops may be located on the MDF / IDF backboard or contained in pathways (including ceilings) or racking systems if done in a neat, workmanlike fashion
 - (a) MDF or IDF: 3 meters, figure eight pattern
 - (b) End Points or Equipment Outlets: 1 meter

(M) MINIMUM INSTALLATION QUANTITIES

- (1) Wireless Access Points: 1 (one) Category 6A cable, 1 (one) Category 6 cable
- (2) All classrooms:
 - (a) 2 (two) Category 6 cables in individual equipment outlets spaced for computer workstations
 - (b) 3 (three) Category 6 cables in a single equipment outlet for teachers station
- (3) All offices: 2 (two) Category 6 cables for each desk
- (4) MDF and IDF interconnect shall be with 25 pair Category 5e cable, terminated to a rack patch panel

3.1 PATCH PANELS COPPER

- (A) Angled, 19" rack mount, loadable, 48 port, keystone-style
- (B) A non-angled, loadable panel may be utilized if an obstruction limits the installation
- (C) A 24 port, loadable panel may be utilized if space limits the installation
- (D) Blank fillers shall be inserted in any outlet (patch panel or faceplate) that is not occupied by a modular plug
- (E) Strain relief mechanism shall be provided and utilized as part of scope



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3.2 RACEWAY or CONDUIT

- (A) Attach all raceway or conduit with screws placed no less than two (2) feet apart
- (B) The use of raceway or conduit shall be limited only whereas an obstruction prevents access to walls or ceiling. All usage shall be confirmed with the District via a RFI form contained herein
- (C) A plastic or nylon pull cord with a minimum test rating of 90kg (200 lb) shall be co-installed with the cable in conduit
- (D) All penetrations through fire-rated structures shall be sealed with an appropriate firestop system
- (E) The design shall provide a suitable means for supporting cable from the telecommunications closet to the work areas to be served. Cable shall not be laid directly on ceiling tile or rails. A minimum of three (3) inches clear vertical space shall be available above the ceiling tiles for the horizontal cabling and pathway
- (F) No electrical conduits or conductors shall be installed onto the ladder rack system where network cables are installed
- (G) A suspended ceiling support rod or wire may be used to mount appropriate cable fasteners loaded

3.3 CABLE MANAGEMENT

- (A) New or existing cables shall be routed through cable management. Whereas cable management does not exist it shall be provided as part of the scope. Two vertical cable managers shall be utilized for each rack
- (B) Patch cables shall be installed to the length required for the application. Comply with ANSI/TIA/EIA-568-B; The cable geometry shall be maintained as close as possible to the connecting hardware and its cable termination points
- (C) All cable management systems must be covered and closed during non-maintenance periods
- (D) Where zone conduit or cable tray is not available in a suspended ceiling space and where telecommunications cables are allowed to be placed in the ceiling, adequate open-top cable support, located on forty-eight (48) to sixty (60) inch centers, shall be provided
- (E) Ladder racks shall be installed to service all network racks. The installation shall conform to seismic safety standards as applied by the manufacturer

3.4 RACKS AND CABINETS

- (A) All new installations of racks in MDF / IDF locations shall be nineteen (19) inch, four post, enclosed on all sides
- (B) Conduit waterfalls shall be utilized as to maintain bend radius
- (C) Ladder waterfalls shall be utilized to transition from ladder systems to racks
- (D) Vertical and horizontal cable managers shall be utilized as to contain all excess cable within
- (E) Electrical in MDF to each rack: One (1) L5-30R. All new electrical rack circuits shall be installed within rack twelve-fourteen (12-14) inches above finished floor. OR it can be mounted inside or above the rack within 8' to the floor.
- (F) Electrical in IDF to each rack: One (1) L5-30R. All new electrical rack circuits shall be installed within rack twelve-fourteen (12-14) inches above finished floor. OR it can be mounted inside or above the rack within 8' to the floor.
- (G) Installation shall comply with OSHA 1910.303(g)(1); Sufficient access and working space shall be provided and maintained about all electric equipment to permit ready and safe operation and maintenance of such equipment. Determination shall be at the sole discretion of the inspector of record
- (H) All installed equipment shall utilize appropriate rails as to prevent sagging due to weight
- (I) Grounding and bonding shall comply with ANSI J-STD-607-A. A contiguous cable must be installed from busbar to each rack utilizing an antioxidant compound to the connection point with two (2) hole compression lugs. A mechanical grounding connection is required at each joint of a ladder system

3.5 ABANDONED CABLES

(A) Comply with NEC 645(F); Abandoned cables must be removed unless they are contained in metal raceway

3.6 EQUIPMENT OUTLETS

(A) All cables not in a MDF / IDF shall terminate to a equipment outlet designed for the application



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3.7 FIBER

- (A) Able to support at least 10Gb up to 500 meters
- (B) No new pathways, including conduits shall have greater than a 35% initial max calculated fill
- (C) Cable management shall be utilized whereas no excessive cable is visible. New installations shall be planned for initial max calculated fill ratio of 30% and a maximum of 50% in existing installations
- (D) Cables shall be tied with Velcro or to cable management manufacturers recommended solution
- (E) New or existing cables shall be routed through cable management. Whereas cable management does not exit it shall be provided as part of the scope of work
- (F) Cross-connect jumpers, modular plug cords and connectors should be of the same category or higher as the category of the cabling to which they are connected

(G) SERVICE LOOPS

- (1) Service loops may be located on the MDF / IDF backboard or contained in pathways including ceilings.
 - (a) MDF or IDF: 3 meters, circular pattern following manufacturers guideline
 - (b) End Points or Equipment Outlets: 1 meter

(H) MINIMUM INSTALLATION QUANTITIES

- (1) Backbone: Contiguous, single mode, 12 (twelve) pairs, plenum, distribution cable
- (2) Equipment Outlets: Contiguous, single mode, 2 (two) pairs, plenum, distribution cable

(I) PATCH PANELS

- (1) 19" enclosed rack mount, LC duplex termination
 - (a) All breakout cables must be enclosed and secured within panel
 - (b) Only outer jacket shall be visible from outside of enclosure
 - (c) A cable manager shall be provided as to contain all cables within

(J) INSTALLATION

- (1) LC duplex connections
- (2) All terminations shall be completed by fusion method with a maximum insertion loss of 0.25dB
- (3) Attach all raceway or conduit with screws placed no less than two (2) feet apart
- (4) All pathway fiber must be clearly identified in MDF / IDF as such and contained within protective orange tube manufactured for the intended purpose



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Section 4. LABEL STANDARDS

4.1 GENERAL GUIDELINES

- (A) A list of all District Properties and their site names may be obtained from Section 6.
- (B) All clarifications, must be submitted on RFI
- (C) Identifiers are required to distinguish the component within the space in which it is located
- (D) Each cable and pathway must be labeled on both ends
- (E) The marking shall be of sufficient durability to withstand the environment involved
- (F) The identifiers design life shall be equal to or greater than that of the labeled component
- (G) All external labels shall be legible and easily viewable during normal maintenance without ladders
- (H) The text on labels shall be machine generated Times New Roman at least sixteen (16) point
- (1) All labels shall meet at minimum UL969 legibility, defacement and adhesion requirements
- (J) All labels must be traceable, permanent identifier; each cable and pathway must be labeled on both ends
- (K) Use manufacturer provided labels and mounting surfaces if available
- (L) Equipment Outlet (EO) / Station connections may be labeled on the face plate; and all jack, connector and block hardware can be labeled on the outlet or panel
- (M) Cable shall be marked by manufacturer with segment-length indicators, category and fire rating

4.2 HORIZONTAL AND VERTICAL CABLE LABELS

- (A) All cabling systems shall comply with a Class 4 installation per TIA-606-B
- (B) Compliance with labeling conventions in this section are required

4.3 EQUIPMENT LABELS

Naming convention

Site (3-5) characters Example MAD for Madera, MIR for Mira Vista Building (2-3) characters Example ADM for administration, MUS for Music, etc.

Room (1-3) characters

MDF/IDF (3-4) characters

Port (3) characters

Example 05B, 015, LIB, IDF

Example A122, IDF4, 0006

Example 002,023,012

Example 001, 002, 003

(A) INTERNAL LABELS (description field within network equipment)

This section is for items such as switches, routers, etc. Any network device which accepts a description field. Examples are Cisco 4500X switches, Cisco 3702 series Wireless Access Points, etc.

- (01) **Host name field:** SITE.BUILDING.ROOM-MDF or IDF-MODEL
 - (a) Example: MAD.ADM.LIB-MDF1-4500X
 - (b) Example: JFKHS.200.205-205-3702i
 - (c) Example: COR.CLC.014-013-3702i
- (02) Active network ports: SITE.BUILDING.ROOM-MDF or IDF-MODEL
 - (a) Example: MAD.ADM.LIB-MDF1-3702i
 - (b) Example: LDJMS.00D.105-IDFD-DELLT3610
 - (c) Example:JFKHS.800.803-805-3702i
 - (a) Example: COR.CLD.029-028-3702i
- (03) Non-active network ports: Shall be labeled "NONE"



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(B) EXTERNAL LABELS (applied to the physical device)

(01) END POINT DEVICES / EQUIPMENT OUTLETS

All end point devices shall be labeled. These are generally defined as devices which are connected to the end of the network cable. Examples of such devices are printers, wireless access points, etc.

(a) NOT installed in MDF or IDF

ROOM.PORT

4.3.B.01.a.1 Example: MAD.ADM.LIB/MDF1.002 4.3.B.01.a.2 Example: MIR.0C1.006/IDFC.043

(b) Installed in MDF or IDF, Labeling of network devices (Switches / Routers)

4.3.B.01.b.1 Front: Internal Host Name Field Label (see section 6.03(A)(01))

4.3.B.01.b.2 Back: IP address of device

(02) RACKS AND CABINETS

- (a) Label required on front and back on permanent part of the cabinet or rack
- (b) If not labeled, provide label as follows:

ROOM.RACK or MDF/IDF.RACK

4.3.B.02.b.1 Example: 244.001, 244.002, 244.003, 244.004, etc. 4.3.B.02.b.2 Example: 002.001, 002.002, 002.003, etc. 4.3.B.02.b.3 Example: IDF3.001, MDF.001, 236A.003, etc.

(03) CABLE PATCH PANELS

- (a) Comply with Patch Panel Identifier as required by TIA-606-B
- (b) If not labeled, provide label to TIA-606-B

(02) PATCH PANELS

- (a) MDF/IDF.RACK
 - (01) Example: 002.001, 002.002, MDF.001, MDF.002, IDFA.001, IDFA.002

(03) PATCH PANEL PORT LABELS

(a) Wireless

fromROOM:CableID

(01) Example: 021:A, 021:B, 234:A, 234:B, 126:A, etc.

(b) Data

fromROOM:CableID

(01) Example: 021:001, 021:002, 021:003, 021:004

(04) ANTENNA LABELS

- (a) All external antenna cables shall be labeled on both ends with a colored label
 - (01) Black 2.4Ghz, Blue 5Ghz, Orange dual band 2.4Ghz and 5Ghz

4.4 DEFINITIONS FOR THIS SECTION

- (A) Site: A collection of buildings and grounds having legal contiguous interconnection
- (B) Building: Individual structures within a Site
- (C) Room: Location where equipment is installed
- (D) MDF/IDF: Location where individual cable from equipment is terminated
- (E) Port: Port number where cable is terminated onto patch panel
- (F) Model: Manufacturer's model number
- (G) End Point: Device physically attached to cable infrastructure



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Section 5. COLOR STANDARDS

5.1 GENERAL GUIDELINES

Colors are used to indicate different applications

All surface mount conduits or raceways which are visible to the public must be painted to match the surface to which they are attached

5.2 HORIZONTAL AND VERTICAL CABLE

(A) Blue: Horizontal copper cable(B) Black: Horizontal fiber cable

5.3 PATCH PANEL AND END POINT TERMINATION PORTS

- (A) Blue: All network data ports
- (B) White: Wireless Access Points (network ports)(C) Green: Wireless Access Points (configuration port)

5.4 PATCH CABLES

- (A) White: Wireless Access Point (network port)
- (B) Green: Wireless Access Point (configuration port)
- (C) Blue: Network data including telephone
- (D) Red: Servers or any critical interface
- (E) Black: HVAC, Signage, Lighting control or other specialized function
- (F) Orange: Fiber

5.5 RACEWAY AND CONDUIT

- (A) Color should match the surface to which it is attached
- (B) Painting the raceway or conduit is an approved method to meet this standard.

5.6 ANTENNAS

(C) All external antennas shall be labeled with a colored dot or stripe near the base (01) Black 2.4Ghz, Blue 5Ghz, Orange dual band 2.4Ghz and 5Ghz



SITE LIST Section 6.

Site #	Label	ELEMENTARY	Site #	Label	ELEMENTARY	
	ALV	ALVARADO	165	MOS	Michelle Obama	
104	BAY	BAYVIEW				
108	CAM	CAMERON	Site #	Label	MIDDLE	
105	CHA	CHAVEZ	206	BRSMS	Betty Reid Soskin	
110	COL	COLLINS	208	LDJMS	LOVONYA DEJEAN	
112	COR	CORONADO	210	HMS	HELMS	
115	DOV	DOVER	211	HMH	HERCULES MIDDLE	
116	DOW	DOWNER	214	KMS	KOREMATSU	
117	ELL	ELLERHORST	212	PJHS	PINOLE MIDDLE	
123	FAIR	FAIRMONT				
124	FOR	FORD	Site #	Label	HIGH	
125	GRA	GRANT	352	DAHS	DE ANZA	
128	HAN	HANNA RANCH	354	ECHS	EL CERRITO	
127	HAR	HARDING	356	HHS	HERCULES H	
126	LUP	LUPINE HILLS	360	JFKHS	J F KENNEDY	
122	HIG	HIGHLAND	362	PVHS	PINOLE VALLEY	
130	KEN	KENSINGTON	364	RHS	RICHMOND HIGH	
132	KIN	KING	358	SGAHS	SYLVESTER	
134	LAK	LAKE			GREENWOOD	
135	LIN	LINCOLN	373	VISTA	VISTA HILLS	
137	MAD	MADERA	374	NCCHS	NORTH CAMPUS	
139	MIR	MIRA VISTA				
140	MON	MONTALVIN	Site #	Label	ALT / CONTINUING	
142	MUR	MURPHY	191	HAB	HARBOUR WAY	
144	NYS	NYSTROM	168	TRA	TRANSITION CCC	
145	OLI	OLINDA	342	SHT	HOME TEACHING	
146	OHL	OHLONE	785	NPS	NON PUBLIC	
147	PER	PERES	156	SPS	STATE PRESCHOOL	
150	RIV	RIVERSIDE				
	SER	SERRA	Site #	Label	OTHER	
154	SHA	SHANNON		FOC	FACILITIES	
155	SHL	SHELDON		ITC	INFORMATION TECH	
157	STG	STEGE		M&O	MAINTENANCE / OPER	
158	STW	STEWART		FSR	NUTRITION/ FOOD SRV	
159	TAR	TARA HILLS		STO	STORES WHEREHOUSE	
160	VAL	VALLEY VIEW				
162	VER	VERDE				
164	WAS	WASHINGTON				



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Section 7. DESIGN GUIDELINES

7.1 SNMP (Simple Network Management Protocol) worksheet

logging history errors

logging trap warnings

logging buffered 8192

logging host 10.57.1.190

access-list 97 permit 10.57.1.0 0.0.0.255

snmp-server community WCCD-SNMP RO 97

snmp-server community () rw 97

snmp-server informs retries 10 timeout 30 pending 100

snmp-server enable traps

snmp-server system-shutdown

snmp-server tftp-server-list 97

snmp-server contact ITS@wccusd.net

snmp-server locaton (See(A) Site List - Label shall only include Site, Building, Room), Example: MAD.ADM.LIB,

Chassis-id: (Serial number of the device)

snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart

snmp-server enable traps cpu threshold

snmp-server enable traps tty

snmp-server enable traps vtp

snmp-server enable traps flash

snmp-server enable traps vlancreate

snmp-server enable traps vlandelete

snmp-server enable traps envmon fan shutdown supply temperature status

snmp-server enable traps port-security

snmp-server enable traps entity

snmp-server enable traps config

snmp-server enable traps config-copy

snmp-server enable traps bridge newroot topologychange

snmp-server enable traps stpx inconsistency root-inconsistency loop-inconsistency

snmp-server enable traps syslog

snmp-server enable traps mac-notification change move threshold

snmp-server enable traps vlan-membership

snmp-server host 10.57.1.190 WCCD-SNMP !New Prime

snmp-server host 10.57.1.250 WCCD-SNMP !New Live Action

snmp ifmib ifindex persist



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7.2 GENERAL NETWORK PARAMETERS WORKSHEET

DNS: 10.57.1.84, 10.57.1.85

Domain: wccusd.net Clock: PST -8 NTP: 10.57.1.84 SMTP: mail.wccusd.net

SMTP port: 25

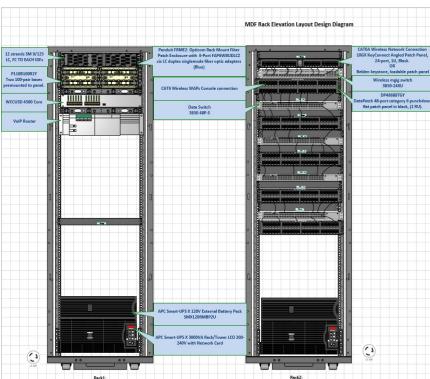
Contact name: <u>helpdesk@wccusd.net</u> 510-231-1125

banner motd ^c ************************************
*
* Access to this computer system is restricted to *
* official use by users authorized by the West Contra *
* Unified Costa School District. Unauthorized access *
* is strictly prohibited and can and will be prosecuted *
* to the fullest extent of the law. *
*
* West Contra Costa Unified School District may monitor *
* and disclose information on or about this system, *
* and you should have no expectation of privacy using *
* it. *
*
* Your continued use of the system constitutes *
* agreement to these terms. If you do not agree, *
* please disconnect immediately. *
*

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7.3 MDF IDF Rack Elevation layout Design







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7.3 3800 WAP Plug (for existing Cisco, to be updated with Juniper)

Terminate indoor 3800's access point as follow,

- A- Network cable Cat6a
 - 1. AP end (Connector A) 10GX REVConnect Modular Plug (RJ45) Part# RVAFPUBK.
 - 2. Panel end (Connector B) 10GX REVConnect Jack White Part# RVAMJKUEW.

B- Management cable Cat6

- 1. AP end (Connector A) Leviton Modular Plug, EZ-RJ45, 8P8P, Cat 6, Unshielded Part#47613-EZ6
- 2. Panel end (Connector B) REVConnect Jack Green Part# RVAMJKUGN

7.4 Outdoor WAP Plug (for existing Cisco, to be updated with Juniper)

Terminate outdoor 1560's access point as follow,

- A- Network cable Cat6a
 - 1. AP end (Connector A) L-COM 6A RJ45 Plug Small OD Conductors Part# TSP6188S
 - 2. Panel end (Connector B) 10GX REVConnect Jack White Part# RV6MJKSME
- B- Management cable Cat6
 - 1. AP end (Connector A) L-COM Cat6 STP RJ45 Plug Part# TSP8048C5S
 - 2. Panel end (Connector B) Keystone Cat 6 RJ45 STP Jack Part# 1017-sf-09

Outdoor WAP OSP Cables Network and Console running from the wall to the WAP

- 1. Covered on the wall with Gang 4-Outlets 1/2 in. Threaded Weatherproof box
- 2. The cover Gang on the wall must be secured with Gang blank plastic cover
- 3. Must run in 1/2 in Non-Metallic liquid conduit from the Gang cover to the WAP using 1/2 in. Non-Metallic liquid tight push-on connector





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Section 8. EQUIPMENT DESIGNATION AND STANDARDS

- 1. Switches and Routers manufacturer: Cisco
- 2. Wireless Access Points manufacturer: Juniper (existing is Cisco)
- 3. Uninterruptable Power System manufacturer: APC
- 4. Network equipment cabinet: APC
- 5. Security Video System: Verkada (existing is Genetec)
- 6. Access Control manufacturer: Genetec

The District intends to match these products and systems with those already existing in use, and is endeavoring to better coordinate the training, maintenance, and repair of these products and systems throughout the District. The ever-increasing cost and coordination of varied products and systems with a limited maintenance personnel staff and a limited budget for outside vendors, requires the District to limit variance in these types of products and systems to facilitate more control and cost containment in keeping the products and systems operational

Section 9. FORMS

This section contains forms which are to be used as needed.



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9.1 BUILDING, ROOM, MDF / IDF LABELING WORKSHEET

The intent of this document is to provide contractor with naming conventions used to comply with Label Standards.

Site (3-5) characters Building (2-3) characters Room (1-3) characters MDF/IDF (3-4) characters Port (3) characters Rack (3) characters

Site	Building	Room	MDF/IDF	Rack	Port	Notes
GRA	ADM	010	IDF3	002	16	GRA.ADM.010/IDF3.016 – End Point / Equipment Outlet
	1					
□Authorized □Denied by						on,District PM
□Authorized □Denied by						on,Contractor PM

Document Control #



9.2 INSTALLED CABLE CERTIFICATION

Brief descrip	tion of project:						
Contact infor	mation for person providing cer	tification (print):					
Full Name	providing cor	erreactor (print):	PO#				
Phone			eMail				
Date			Company				
I hereby certi	fy that this project meets the fol	lowing cabling con	npliance stand	dards:			
		□Exception authorized through document control #					
□ Category 6		□Exception author	orized throug	h document control #			
□ Category 6	Ā	□Exception author	orized throug	h document control #			
☐ Fiber Option	EIA/TIA 568C	□Exception authorized through document control #					
☐ Plenum cal	ole	□Exception authorized through document control #					
□ EIA/TIA-6	06-B labeling	□Exception authorized through document control #					
☐ Twenty yea	ar performance warranty	□Exception authorized through document control #					
Notes: Cable Notes:	certification reports are still a de	eliverable.					
Authorized S	Authorized Signature						
Date							
District use only: Assessment of the potential risk of non-compliance							
□Authorized Document Co	•	on		, District PM			

