



DEPARTMENT OF THE AIR FORCE
UNITED STATES AIR FORCE SPECIAL OPERATIONS SCHOOL (AFSOC)



9 Sep 2019

MEMORANDUM FOR RECORD

FROM: USAFSOS/CC

SUBJECT: Use of Portable Electronic Devices (PEDs) in Building 90503

- References:
- (a) USSOCOM Directive 380-19
 - (b) AFSSI 7702, *Emissions Security Countermeasures*
 - (c) AFI 10-701_AFGM2018-01, *Operations Security (OPSEC)*
 - (d) AFI 16-1404, *Air Force Information Security Program*
 - (e) AFMAN 17-1301, *Computer Security (COMPUSEC)*
 - (f) AFSOC Policy, *Use of Portable Electronic Devices during AFSOC Missions (Jul 13, 2018)*
 - (g) Technical Order 00-35B-5008 (*Remanence Security*)

1. "Portable electronic device" (PED) is a generic term for non-stationary electronic devices with the capability of recording, storing, and/or transmitting information. This includes, but is not limited to Personal Digital Assistants (PDAs), cellular/personal communications service phones, two-way pagers, Mi-Fi, email devices, smart watches/jewelry, audio/video recording devices such as GoPros, and hand-held/laptop computers.

2. Use of PEDs, regardless of ownership (personal, contractor, or government), is authorized unless specifically exempted by this policy. If exempted, the PED shall be left with Student Support in a silenced configuration. The following guidelines will be adhered to without exception:

3. Requirements:

a. All PEDS will adhere to all separation restrictions, in accordance with AFSSI 7702, Emissions Security Countermeasures Review. This distance is 3-meter radius sphere (~10 feet) when wireless is active and 0.5 meters (~20 inches) when wireless is disabled.

b. Permanent exclusion zones are the 2nd floor interior hallways and adjacent offices in both the original and extension sides of the building, rooms 201E, 203E, 207, 208, 209, and 214. Personnel shall not roam or loiter in the hallways with a PED. Low-powered device users that are moving/traveling (non-stationary) through the area and breach the 1-meter area boundary present a low TEMPEST risk as long as they clear the area expeditiously (ref. AFSSI7702, TIM2016-01)

c. Periodic exclusion zones exist whenever and wherever else classified information is processed or discussed on a temporary basis. "Classified in Use" signs shall be illuminated or

"Peace Through Strength and Knowledge"

signs shall be visibly posted outside of classrooms or offices processing/discussing classified material.

d. No equipment shall be moved without the approval of USAFSOS Cyber Ops to ensure TEMPEST compliance

e. To have a PED in the building, all personnel (permanent party, students, and guests) shall accept and agree:

(1) That PEDs discovered during classified processing/discussion, regardless if the device was on or off, may have to be surrendered to the Course Director, an ISSO, Security Manager, or Commandant. An investigation shall ascertain if the device can be returned.

(2) That audio or video recording of courses is prohibited to ensure academic freedom, protection of any proprietary material in the speaker's presentation, and to mitigate the possibility of sensitive audio, imagery, or data contaminating the device.

(3) To clear a classroom or office of PEDs before any classified is processed/discussed.

(4) To disable "Mi-Fi" or wireless hotspots on their devices. If unable to disable these functions, leave the device at Student Support.

4. C-ISP wireless access points ("USAFSOS_Guest" Wi-Fi) are installed throughout the building for user and device agnostic quality-of-life connectivity. These may be used in support of academics when the risk is accepted for that course by the Commandant and approval is documented in the course syllabus.

5. The Dean and Course Director shall carefully consider the risk and need for PEDs in a course. If approved by the Commandant, the Course Director shall continuously monitor course proceedings to ensure no classified information is talked-around or overtly discussed.

6. AFSOC-issued electronic flight bags (EFB) are authorized during classified briefings if the wireless, Bluetooth, microphone, and camera are disabled. The camera lens must remain covered at all times.

7. Violations to policy: If found in violation of this policy, the 492 SOACS or the USAFSOS may take the following actions:

a. Confiscation of the device (ref. AFI16-1404, para 5.1.7.3).

b. The student may be removed from class for the remainder of the course and possibly prohibited from attending other courses in the future.

c. Device may be provided to USAFSOS Chief of Cyber Operations for investigation and disposition with concurrence of the USAFSOS/CC.

- d. USAFSOS/CC may notify the member's commander regarding the violation(s).
 - e. Punitive actions for failure to comply with this policy may result in administrative, disciplinary, criminal, or other appropriate actions.
8. Courses at locations other than Bldg 90503 will adhere to the owning agency protocols for PED use.
9. Refer all further inquiries to the Chief of Cyber Operations, Mr. Robert Buckman, at DSN 579-5207.

ADOLFO U. GORBEA, Lt Col, USAF
Commandant

Attachment:

1. Building 90503 TEMPEST Exclusion Zones

Building 90503

TEMPEST Exclusion Zones

This document is jointly owned & managed by  492SOW/A6 & USAFSOS/SC.

The building is a shared facility



OPR: USAFSOS/SC
DSN: 579-2664

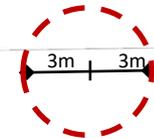
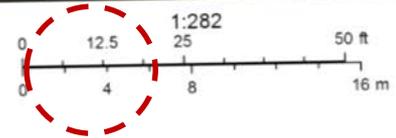


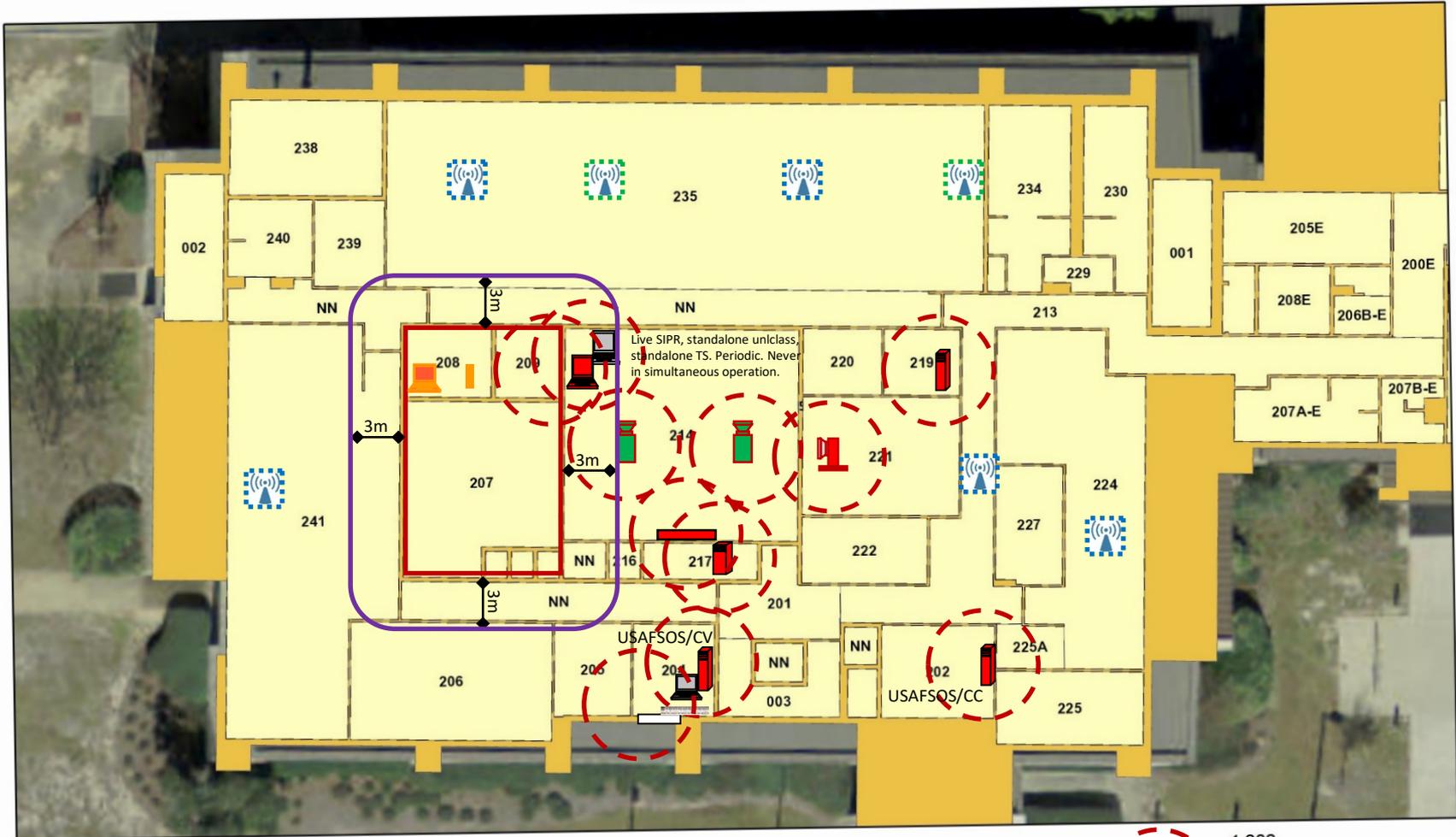
August 23, 2018

- Room Name Label
- Building
- Room Area
- Airfield Label
- Building Label



Used when sessions have classified content. Failure to remove PEDs during classified sessions constitutes a security violation. Discovered devices will be confiscated for destruction regardless of ownership. Enforcement relies on senior leadership, Course Directors, and students to enforce and self-identify.





August 23, 2018

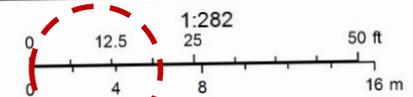
- Room Name Label
- Room Area
- Building
- Ⓜ Airfield Label

Building Label

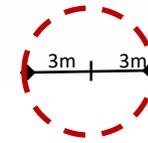
Ⓜ Proposed academic network WAP

Ⓜ Proposed Student WAP

9/3/2019

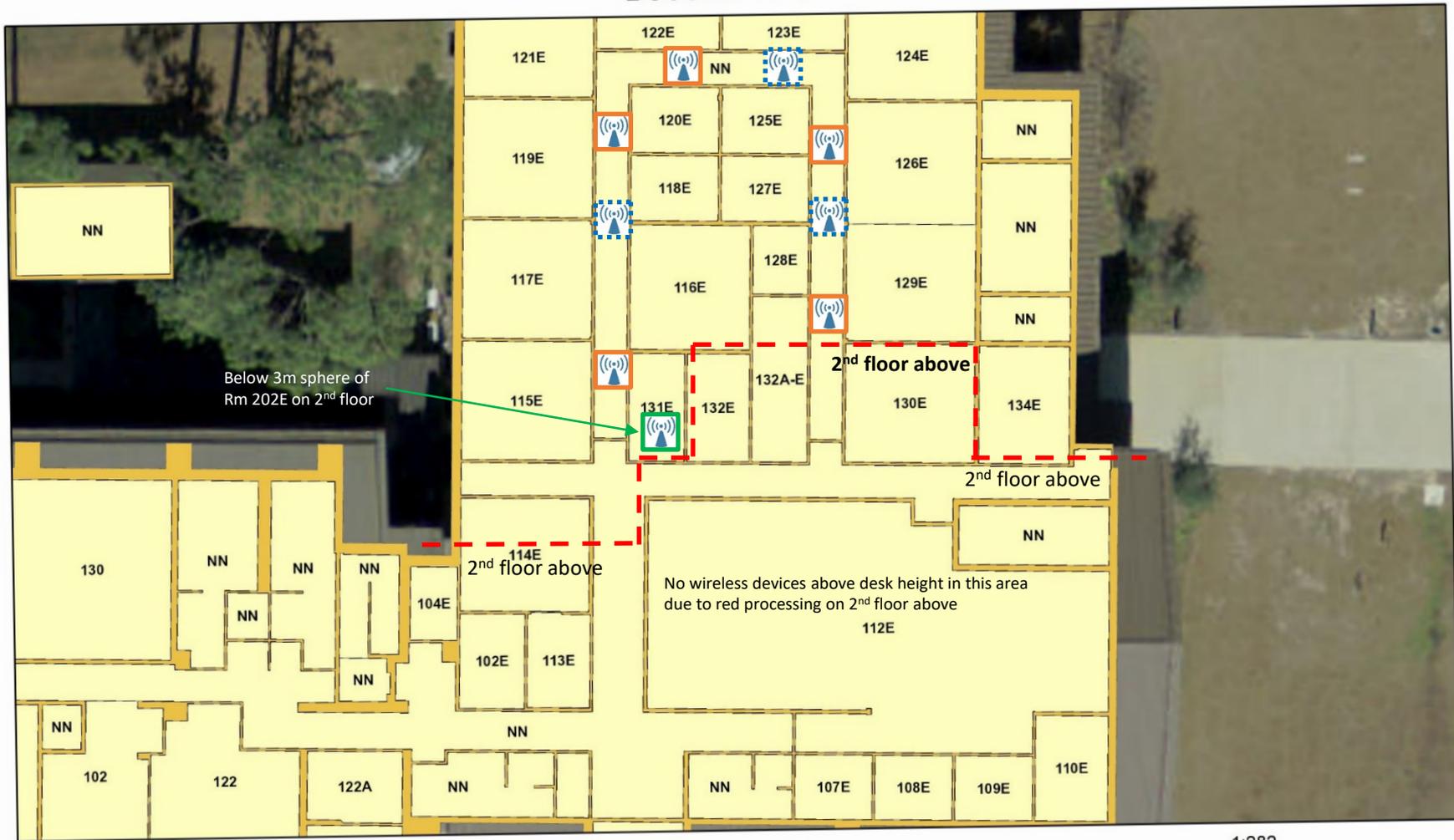


Permanent
exclusion zone
boundary



As needed (periodic) exclusion zones

B90503E-F1



August 23, 2018

- Room Name Label
- Room Area
- Building Label
- Building
- Airfield Label



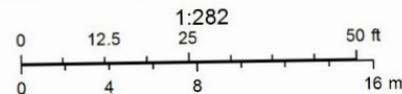
Academic network WAP (in use)



SAMS-ME WAP (in use)



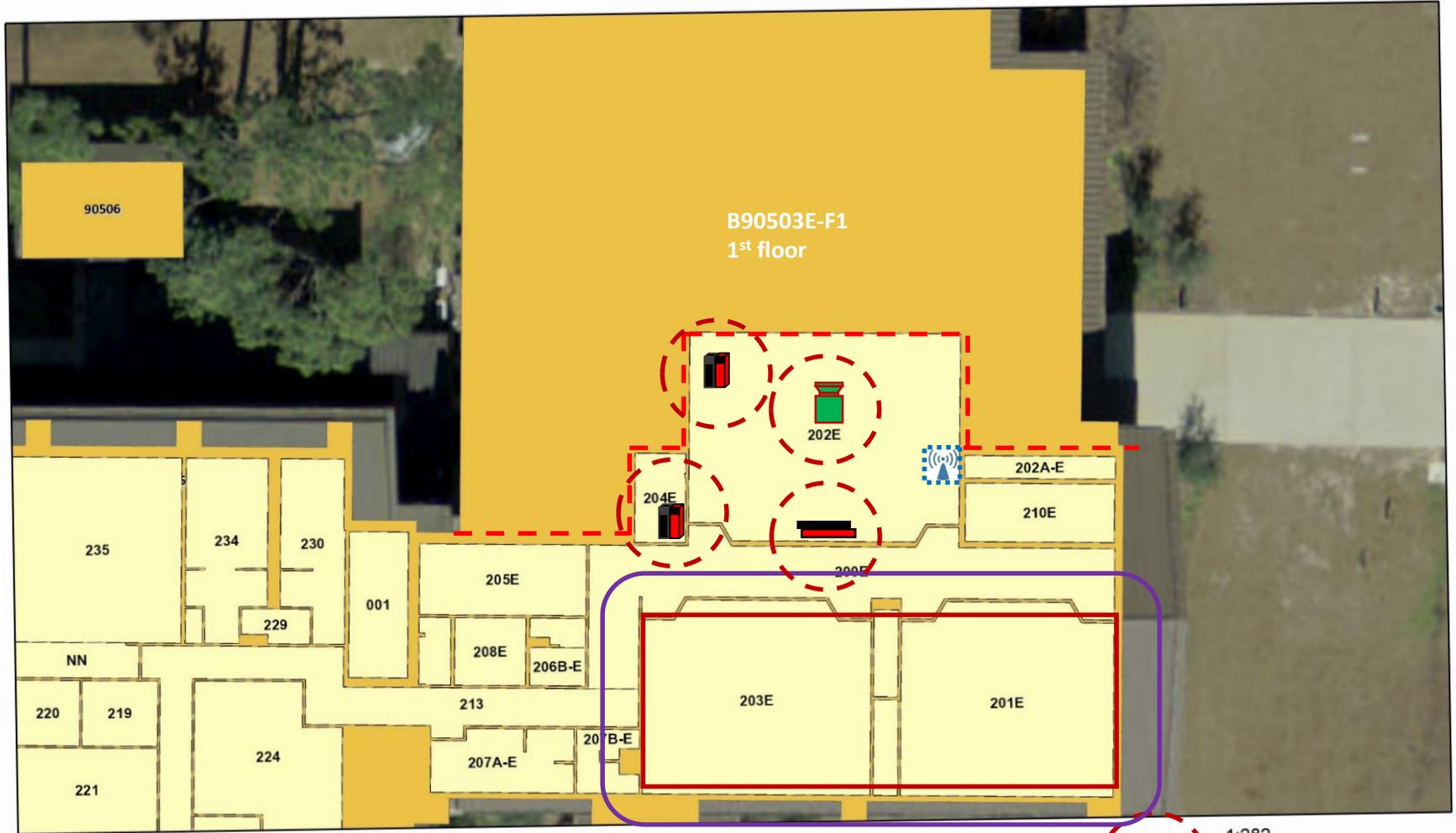
Proposed Student WAP



9/3/2019

No red processing on 90503E, 1st floor. Southern half (bottom half of graphic) is influenced by 2nd floor red processing (Rms 201E, 202E, 203E). WAPs are mounted below 3m spherical radius of any 2nd floor red processing
All WAPs on this page approved by local WCSO

B90503E-F2

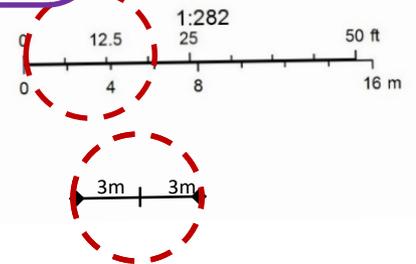


August 23, 2018

- Room Name Label
- Building
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- Building Label



Permanent exclusion zone boundary



As needed (periodic) exclusion zones

TEMPEST ROOM DIAGRAM TEMPLATE
COMPONENT & FURNITURE ICONS

* Can be customized to add additional equipment not shown

<u>DESCRIPTION</u>	<u>ICON</u>	<u>DESCRIPTION</u>	<u>ICON</u>	<u>DESCRIPTION</u>	<u>ICON</u>
NIPR/SIPR/TS COMPUTER		PRINTER OR MFD NIPR/SIPR		DISTANCE ARROW	
RELCAN/CENTRIX COMPUTER		KVM		TEXT BOX FOR DISTANCE MEASUREMENT	XX"
EKMS / KOK-22		VTC		TEXT BOX FOR NOTES/CLARIFICATION	<input type="text" value="TYPE HERE"/>
SIPR THIN CLIENT		RACK NIPR/SIPR RELCAN/CENTRIX		SAFE	
NIPR/SIPR/SHARED (KVM)		PROJECTOR NIPR/SIPR		WINDOW	
TS/RELCAN/CENTRIX		DESK OPTION #1		TELEVISION NIPR/SIPR	
LAPTOP NIPR/SIPR/TS		DESK OPTION #2		DOOR	
RELCAN/CENTRIX/DMD		WALL/PARTITION		SCAN SNAP	
TACLANE		WIRING NOTATION		PDS	
KIV 7					
VOSIP					
NIPR VOIP					
DSN PHONE					
STE 9/3/2019					

All BLACK & RED Wires Are Separated
By A Minimum Of 2" (5 cm)
6" separation for runs over 100ft

TEMPEST ROOM DIAGRAM TEMPLATE
 COMPONENT & FURNITURE ICONS

* Can be customized to add additional equipment not shown

DESCRIPTION

ICON

FIXED TRANSMITTER



CONTROL HEAD



LMR CHARGING STATION



LMR



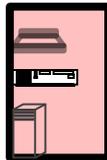
AM/FM
COMFORT MUSIC SYSTEM



WIRELESS ACCESS POINT (WAP)



POCKET - J



DESCRIPTION

ICON

SECURE VIEW



NIPR / SIPR projector



SIPR FIBER PATCH PANEL



SIPR Switch



DESCRIPTION

ICON