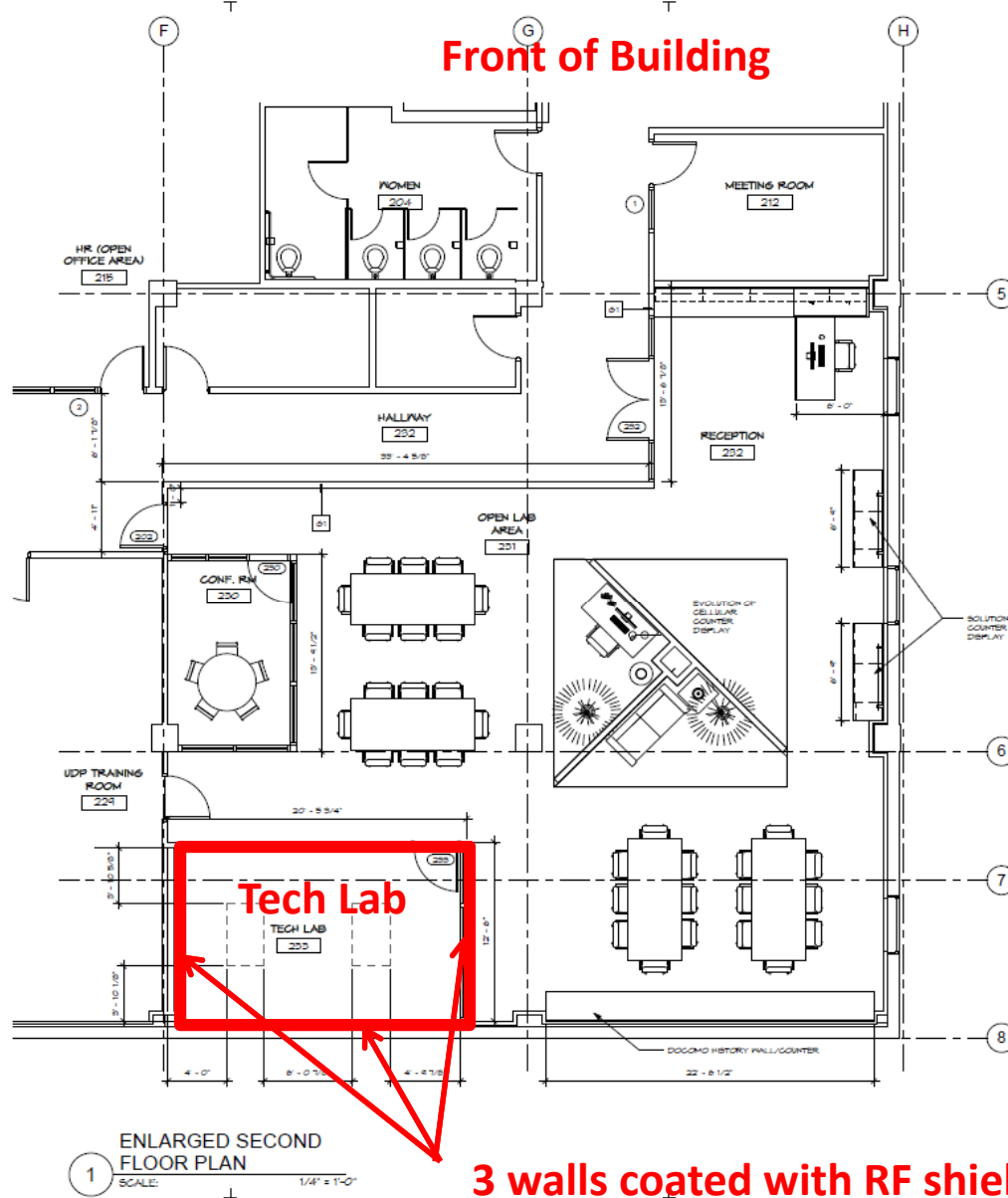




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DOCOMO 5G Open Lab Guam

Marine Corps Drive (Street)



CONSTRUCTION NOTES

- 1 RELOCATE R/W TO SLAB WALL
- 2 PROVIDE ACCESS CONTROL

REVISION		
No.	Description	Date

TRMA
Taniiguchi Ruth Maki Architects
100 Old Business Center, P.O. Box 10, Agua, CA 95020
Tel: (871) 475-8772 • Fax: (871) 475-3381

Architecture
Planning
Interior Design

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
DATE: _____

Project
docomo
DOCOMO PACIFIC
5G Tech Lab

Title
ENLARGED SECOND FLOOR PLAN

90% SUBMITTAL SET

Designed: TRMA
Drawn: TK
Checked: MJS
Super: M/M
Scale: 1/4" = 1'-0"
Date: 12/13/2018
Project No. _____
Drawing

A2.3



IF SHEET IS LESS THAN 24" X 36"
REDUCED PRINT - USE GRAPHIC SCALES

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Front of Building

- Distance to front-facing street: 116'
- Height of the second floor: ~20 ft.
- Tech Lab is in back of building

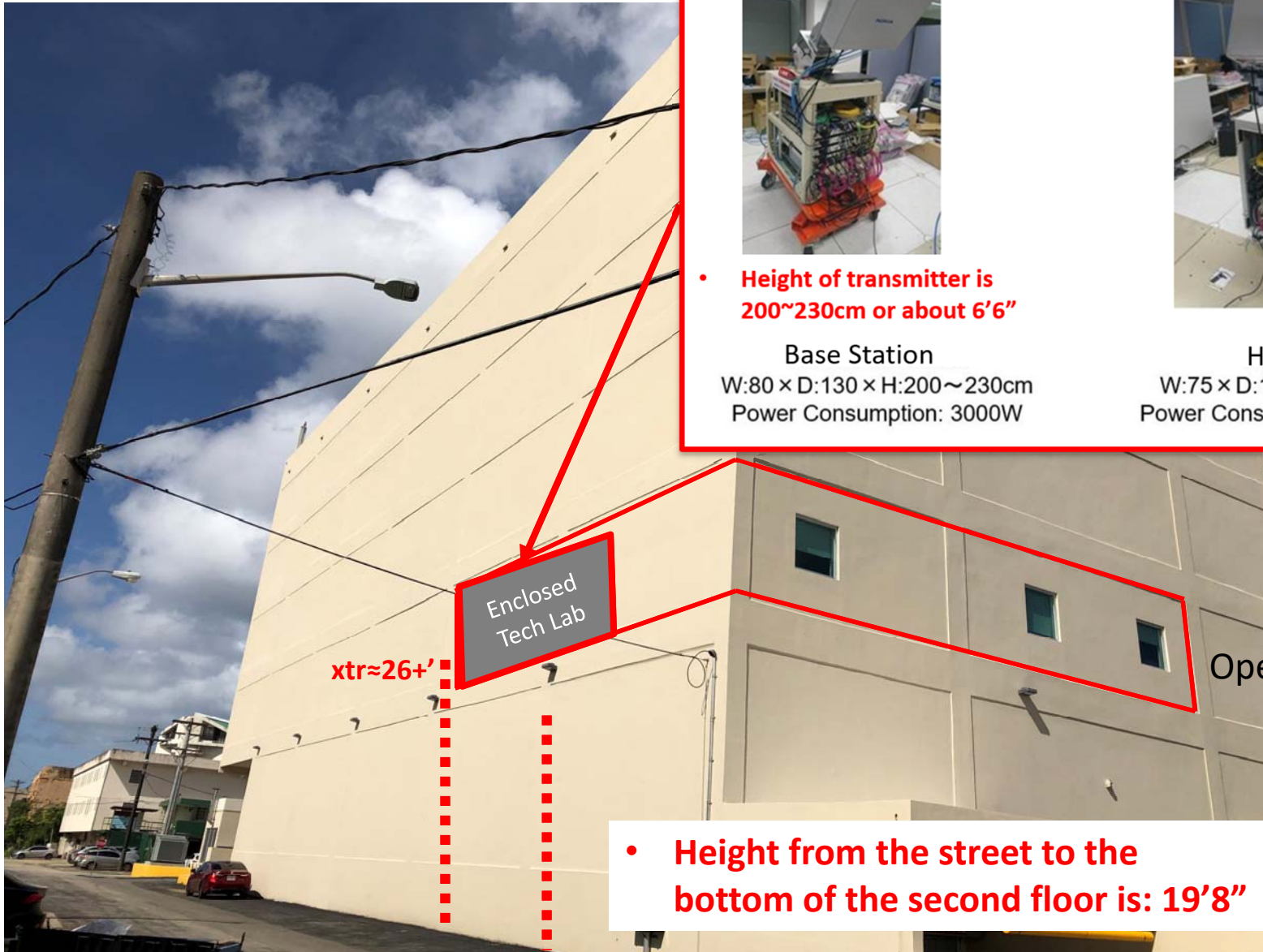


Marine Corps Drive (Street)



IF SHEET IS LESS THAN 24" X 36"
REDUCED PRINT - USE GRAPHIC SCALES

Back of Building



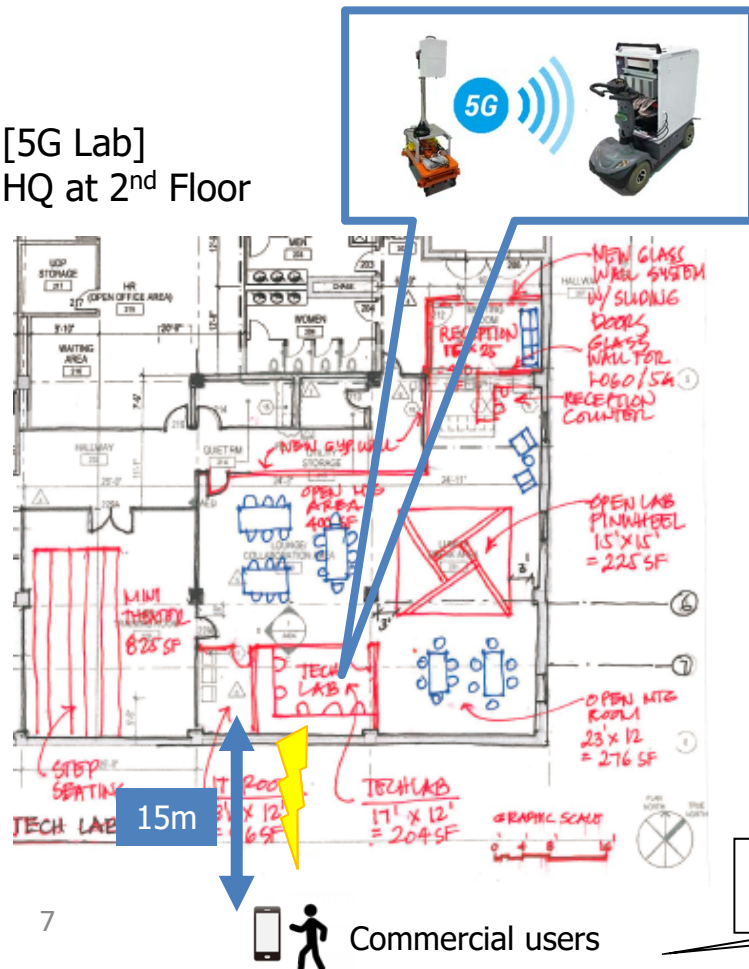
Rear wall to employee parking is 111', rear wall to road is 10', road width is 17'
Closest building is 27'



Signal Leakage Outside Test Lab Will Have No Impact on Commercial Users

- 5G Test lab to be located on 2nd floor at Docomo Pacific HQ, Tamuning, Guam
- To gauge interference effect to commercial users, we estimate pathloss and received power referring to ITU-R P.1238-6 indoor propagation model(<https://www.itu.int/rec/R-REC-P.1238-6-200910-S/en>)
- Total Pathloss is <131dB and received power by commercial users outside the facility is -142dBm
- Signal levels (leakage) outside Test Lab will be “out of coverage”(no impact).
- (Note that frequency is not currently used on Guam.)

[5G Lab]
HQ at 2nd Floor



Specifications

Items	Value
BS/UE Transmit power[dBm]	-10.75
Frequency[MHz]	39000
Model parameter N	24.25
Floor penetration loss factor	19
Number of floors between base station and portable terminal	2
Attenuation by Radio shield material on the wall [dB]	>20

No impact
on commercial users