

**NC Department of Insurance
Office of the State Fire Marshal - Engineering Division
1202 Mail Service Center, Raleigh, NC 27699-1202
919-647-0001**

Dwelling Kitchen Peninsular and Kitchen Island Required Receptacle(s)_Version 2

Code: 2017 Electrical Code

Date: October 23, 2025

Section: 210.52(C)(2)(3)

Question 1:

Where must the required 125-volt, 20-amp receptacle for a dwelling kitchen peninsular be located?

Answer 1:

Any 125-volt, 20-amp receptacle that meets the criteria described in section 210.52(C)(5) with respect to the dwelling kitchen peninsular has met the requirement for section 210.52(C)(3).

Question 2:

Considering that the peninsular countertop is measured from the connected perpendicular wall, is the area located above the peninsular countertop on the connected perpendicular wall and not more than 20 inches above the peninsular countertop required to meet the wall countertop requirements for section 210.52(C)(1)?

Answer 2:

No. The area of wall not more than 20 inches above any countertop is either wall countertop space described in section 210.52(C)(1) or peninsular countertop space as described in section 210.52(C)(3). Therefore, the area located above the peninsular countertop on the connected perpendicular wall and not more than 20 inches above the peninsular countertop is not required to meet the wall countertop requirements for section 210.52(C)(1).

Question 3:

If a 125-volt, 20-amp receptacle is located on the wall above where the peninsular connects and not more than 20 inches above the peninsular countertop, can that receptacle satisfy both requirements for section 210.52(C)(1) and section 210.52(C)(3)?

Answer 3:

Yes. The area of wall above the kitchen wall countertop(s) and the area of wall above the kitchen peninsular countertop(s) are all “countertops” under section 210.52(C). Therefore, if a 125-volt, 20-amp receptacle meets the criteria described in section 210.52(C)(5) with respect to both section 210.52(C)(1) and section 210.52(C)(3) simultaneously, then the requirements of both section 210.52(C)(1) and section 210.52(C)(3) have been met.

Question 4: (Revised in Version 2):

How can a kitchen peninsular be distinguished from a free-standing bar-type counter, including such “wall space” requirements?

Answer 4:

A kitchen peninsular does not have a backsplash. No part of a kitchen peninsular without a backsplash shall be considered “wall space” as defined in section 210.52(A)(2). Only the requirements for a peninsular countertop can be mandated on a kitchen peninsular.

Question 5: (New in Version 2):

How can a kitchen island be distinguished from a free-standing bar-type counter, including such “wall space” requirements?

Answer 5:

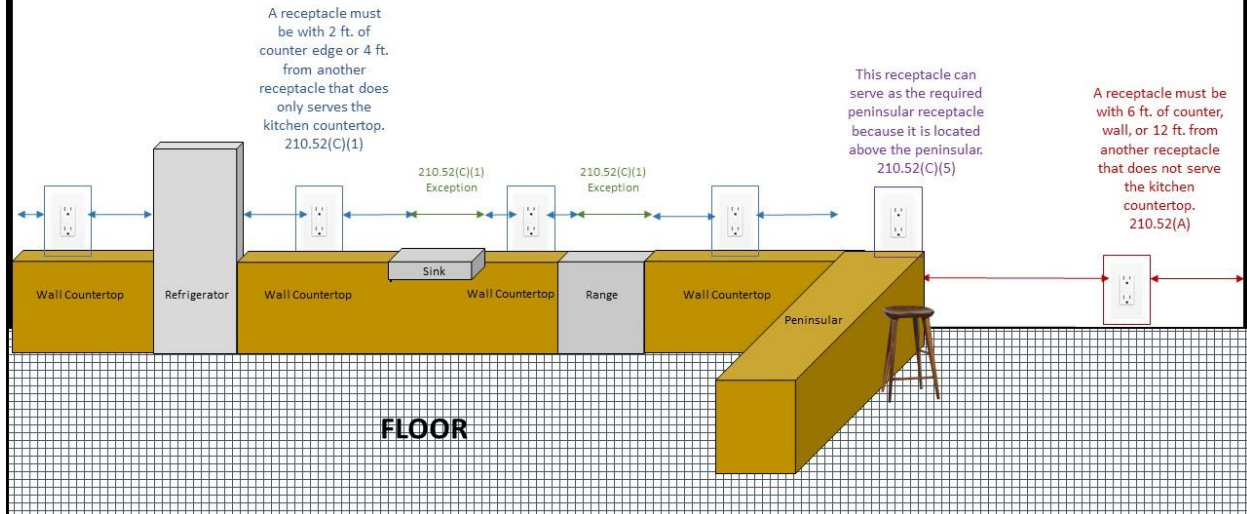
A kitchen island does not have a backsplash. No part of a kitchen island without a backsplash shall be considered “wall space” as defined in section 210.52(A)(2). Only the requirements for an island countertop can be mandated on a kitchen island.

Question 1 Illustration (a)

Not to Scale

Wall Receptacles not to exceed 5 ½ feet in height from floor
Countertop receptacles not to exceed 20 inches in height from countertop

KITCHEN & SIMILAR AREA

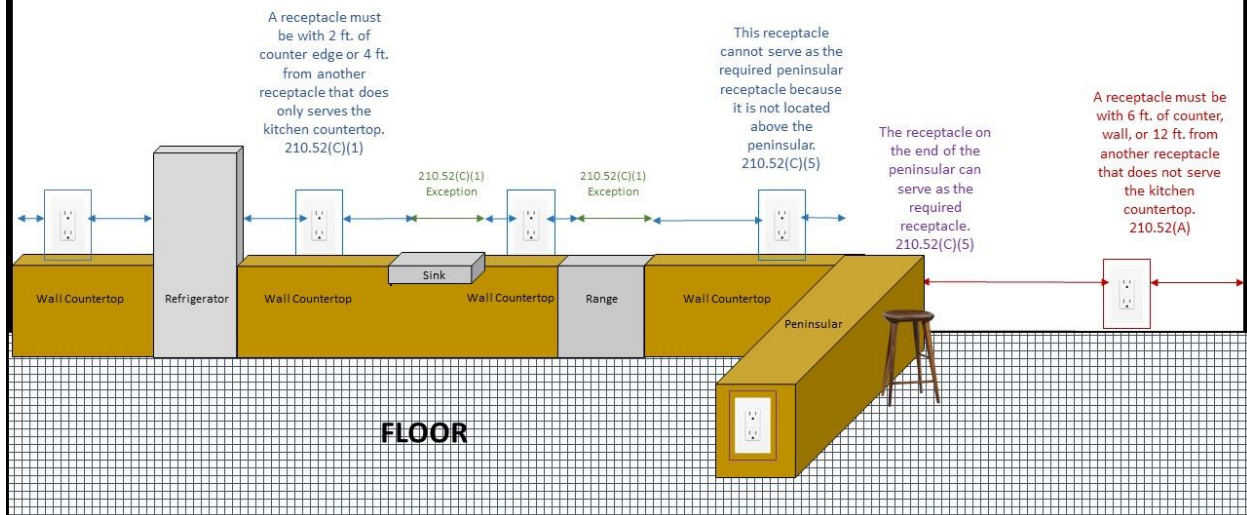


Question 1 Illustration (b)

Not to Scale

Wall Receptacles not to exceed 5 ½ feet in height from floor
Countertop receptacles not to exceed 20 inches in height from countertop

KITCHEN & SIMILAR AREA

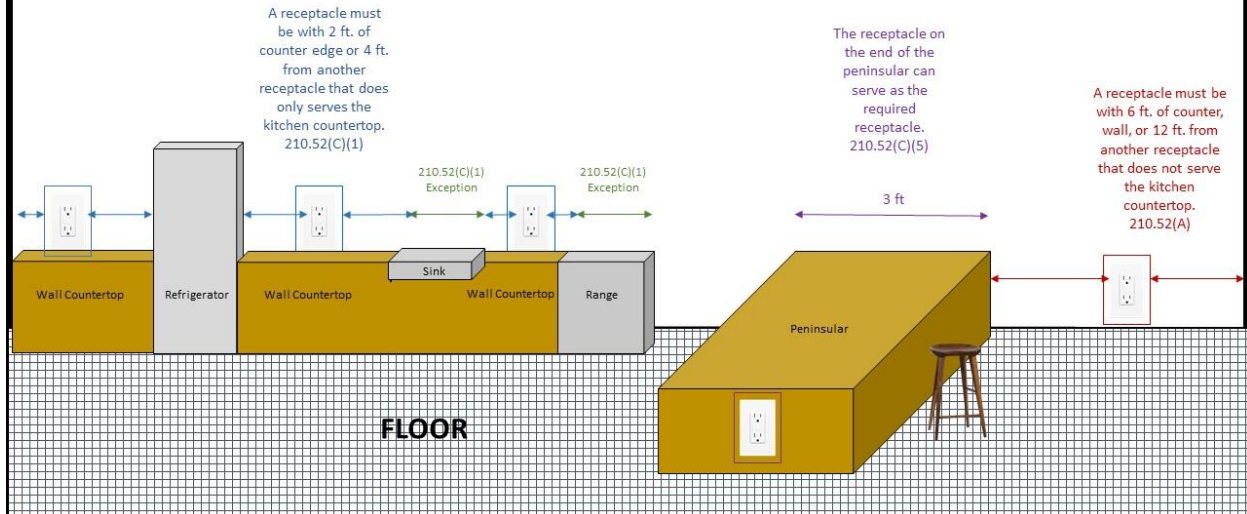


Question 1 Illustration (c)

Not to Scale

Wall Receptacles not to exceed 5 ½ feet in height from floor
Countertop receptacles not to exceed 20 inches in height from countertop

KITCHEN & SIMILAR AREA

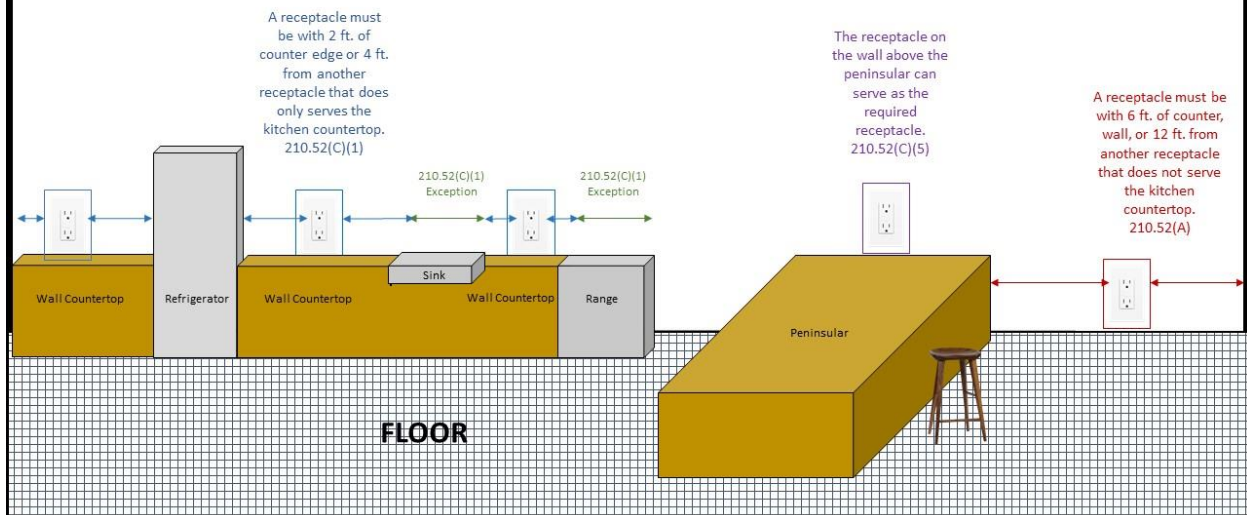


Question 1 Illustration (d)

Not to Scale

Wall Receptacles not to exceed 5 ½ feet in height from floor
Countertop receptacles not to exceed 20 inches in height from countertop

KITCHEN & SIMILAR AREA

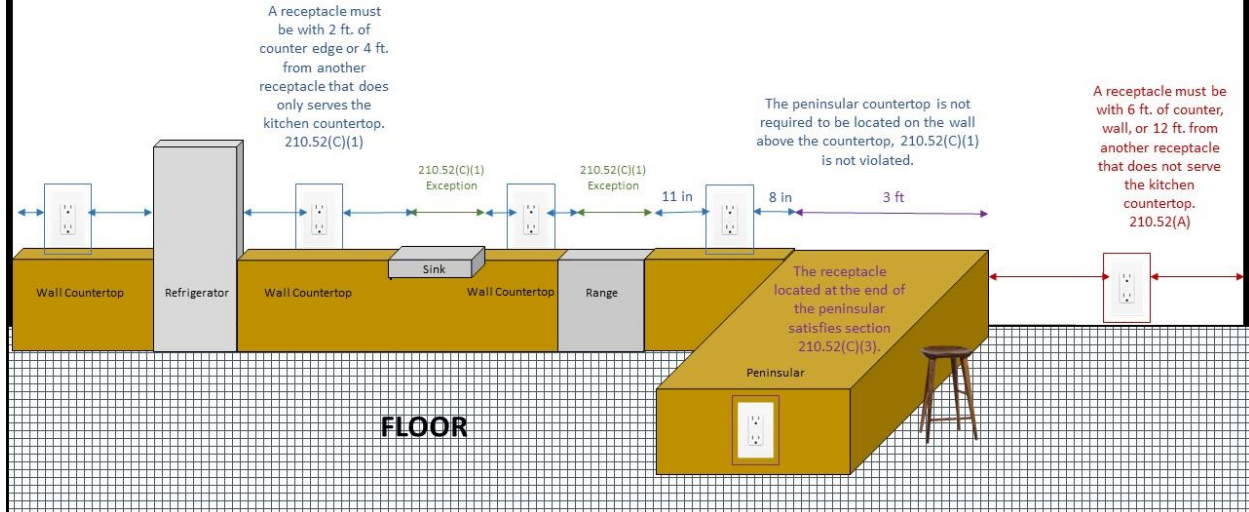


Question 2 Illustration (a)

Not to Scale

Wall Receptacles not to exceed 5 ½ feet in height from floor
Countertop receptacles not to exceed 20 inches in height from countertop

KITCHEN & SIMILAR AREA

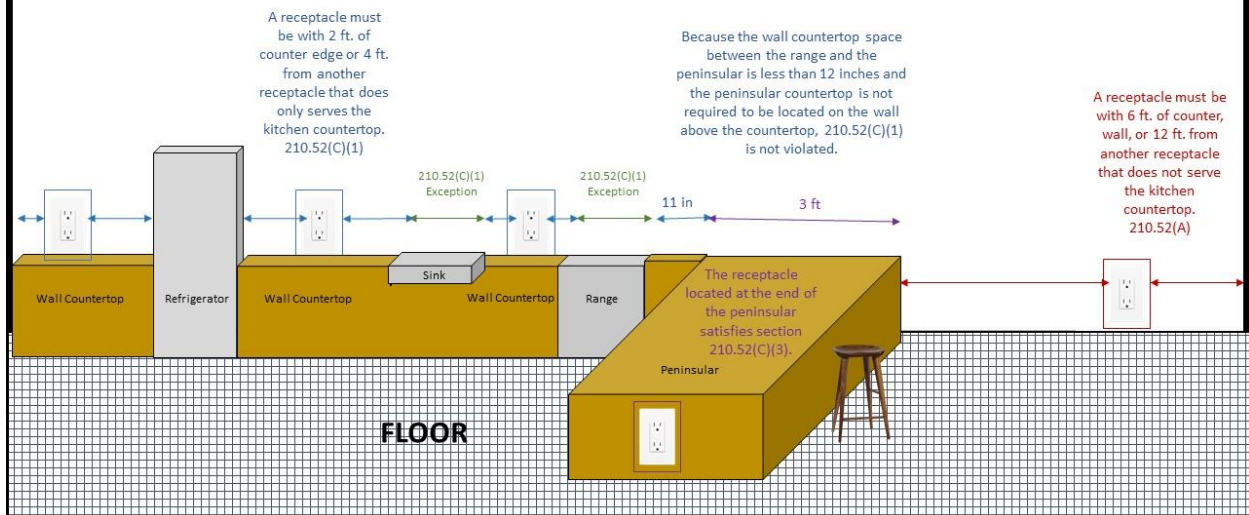


Question 2 Illustration (b)

Not to Scale

Wall Receptacles not to exceed 5 ½ feet in height from floor
Countertop receptacles not to exceed 20 inches in height from countertop

KITCHEN & SIMILAR AREA

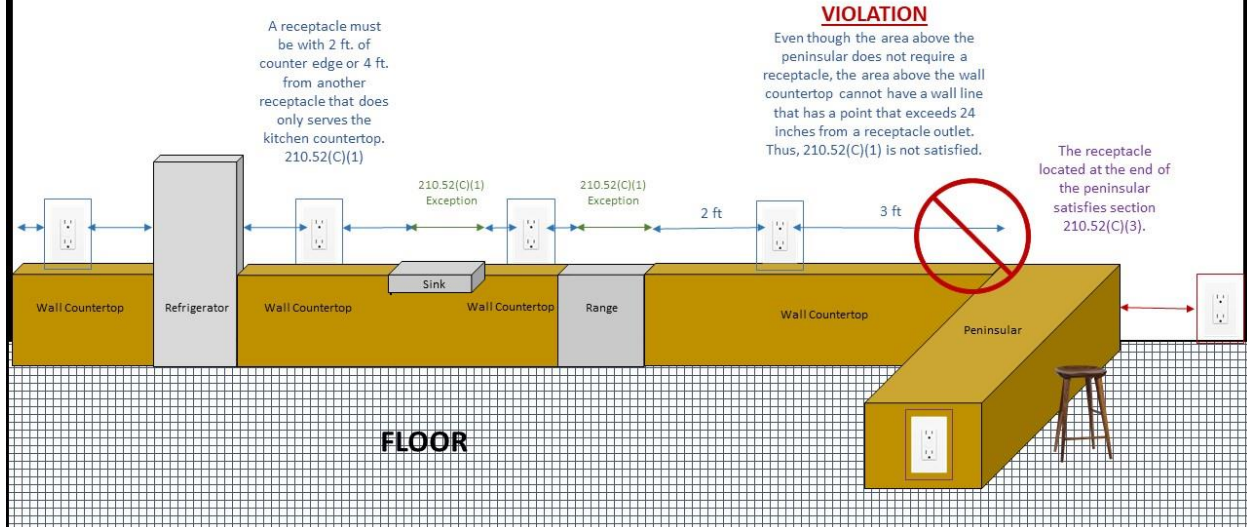


Question 2 Illustration (c)

Not to Scale

Wall Receptacles not to exceed 5 1/2 feet in height from floor
Countertop receptacles not to exceed 20 inches in height from countertop

KITCHEN & SIMILAR AREA



Question 3 Illustration

Not to Scale

Wall Receptacles not to exceed 5 1/2 feet in height from floor
Countertop receptacles not to exceed 20 inches in height from countertop

KITCHEN & SIMILAR AREA

