

NC ACCESSIBILITY CODE

2012 NC Bldg Code Ch. 11
2009 ICC/ANSI A117.1

Mandatory: 1 Jun 2012

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Individual Highlights

Site Parking Evaluation 2



Parking Sign Requirements



Q: Does the signage for the accessible parking still have to have the statute and penalty language included?

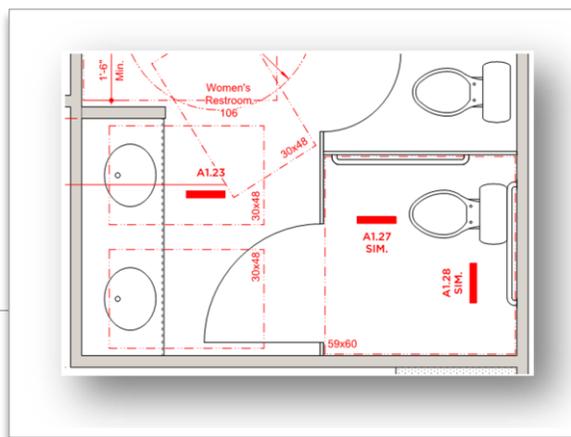
A: **NCBC 1110.1** references three locations. Only **G.S. §20-37.6** requires the maximum penalty to be included on the sign. There is no requirement to reference the general statute, although doing so is not prohibited.

1. The **MUTCD** and the **NC Supplement** – no specific requirement found. [[click here](#)]
2. **G.S. §20-37.6.** [[click here](#)]
(d) Designation of Parking Spaces. - Designation of parking spaces for handicapped persons on streets and public vehicular areas shall comply with G.S. 136-30. A sign designating a parking space for handicapped persons shall state the maximum penalty for parking in the space in violation of the law.
3. **G.S. §136-30.** [[click here](#)]
(c) Public Vehicular Areas. - Except as provided in this subsection, all traffic signs and other traffic control devices placed on a public vehicular area, as defined in **G.S. 20-4.01**, must conform to the Uniform Manual. The owner of private property that contains a public vehicular area may place on the property a traffic control device, other than a sign designating a parking space for handicapped persons, as defined in **G.S. 20-37.5**, that differs in material from the uniform device but does not differ in shape, size, color, or any other way from the uniform device. The owner of private property that contains a public vehicular area may place on the property a sign designating a parking space for handicapped persons that differs in material and color from the uniform sign but does not differ in shape, size, or any other way from the uniform device.

ANSI 603.2.2 Door Swing Limitations

Q: In this project, only one of the two lavatories shown are required to be accessible. May the designer designate the first lavatory as the accessible lavatory, while leaving the corner lavatory as is, in front of the handicapped stall? If that is acceptable, won't the use of the non-accessible lavatory render the handicapped stall unavailable? Have I missed something that addresses this?

A: **ANSI 603.2.2** prohibits any door, even a toilet compartment door, from swinging into the clear floor area at any fixture. The area between the lavatories and the handicapped stall should be widened. The widening will remove the handicapped stall's door swing from the clear floor area at the lavatory. The additional space will also allow a 36" wide accessible route into the restroom and to the stalls, as required by **ANSI 403.5**.



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Site Plan Parking Evaluation

For a new site plan, it is often difficult to determine which lots require accessible parking and where the accessible parking spaces are to be provided. This exercise walks you through the logic for that evaluation. Both the site plan and the parking are required to comply with **NCBC 1104.2 Accessible Route** and **NCBC 1106 Parking** in general. Although parking lots are provided on all four sides of the building, since the primary entrance for the building is on what will be called the North side of the sheet, all parking lots will be referred to according to by a N/S/E/W direction.

1. **NCBC 1106.1** requires that each parking lot be evaluated separately per **NCBC Table 1106.1**.
 - a. North: requires one van accessible parking space.
 - b. East: requires one van accessible parking space.
 - c. South: requires on van accessible parking space.
 - d. West: requires one van accessible parking space.
 - e. Total required: 4 van parking spaces, since the first accessible space in each cluster is a van per **NCBC 1106.5**.
2. **NCBC 1106.6** states several things:
 - a. *Accessible parking spaces shall be located on the shortest accessible route of travel from adjacent parking to an accessible building entrance.*
 - b. *Where buildings have multiple accessible entrances with adjacent parking, accessible parking spaces shall be dispersed and located near the accessible entrances.*
3. **NCBC 1106.6 Exc. 2** states *Accessible parking spaces shall be permitted to be located in different parking facilities if substantially equivalent or greater accessibility is provided in terms of distance from an accessible entrance or entrances, parking fees and user convenience.*
4. **NCBC 1105.1.3** states *Where restricted entrances are provided to a building or facility, at least one restricted entrance to the building or facility shall be accessible.*
5. When considering Items #1 - #4 altogether, the end result is this:
 - a. West: Since there is no entrance on the west side, the single van space is relocated per **NCBC 1106.6 Exc. 2** to the north side.
 - b. South: Two issues:
 - i. This is a restricted employee entrance (so parking is required to be provided here per **NCBC 1106.6** and the entrance is required to be accessible per **NCBC 1105.1.3**).
 - ii. Not all parking provided is for the physicians, some is for the patients/customers. The accessible parking required in this lot (for customers) is required per **NCBC 1106.6 Exc. 2** to the north lot.
 - c. East: The east lot has no public entrance, although there is a passenger loading zone for patients exiting the facility where they are picked up after treatments. The single van accessible space required for the Staff Parking Area may either be relocated to the north side or may be located in the staff lot on the closest accessible path of travel to the side staff entrance. The Staff Lot shall be identified as **STAFF PARKING ONLY**.
 - d. North: total 4 van accessible parking spaces (3 relocated from other lots), unless one van space remains in the Staff Parking Lot.
 - i. The north side already requires one van accessible parking space.
 - ii. The van accessible space from the west side relocates to the north side.
 - iii. The van accessible space from the south side relocates to the north side.
 - iv. The van accessible space from the east side either relocates to the north side or remains in the staff parking area.
 - v. Total required: 4 van parking spaces, since the first accessible space in each cluster is a van per **NCBC 1106.5**. The relocation does not change the initial requirement for van spaces

6. The SouthEast corner of the site indicates a delivery loading parking area. The closest door, opening south, is another restricted entrance into the building. This door is required to be an accessible entrance per **NCBC 1105.1.5** since it is the only permitted entrance for the delivery personnel.
7. Any building door identified with an exit sign is required to have an accessible path of travel to the public way per **NCBC 1107.2**.
 - a. Read definition of **EXIT DISCHARGE** at **NCBC 1002**.
 - b. Read definition of **PUBLIC WAY** at **NCBC 1002**.

