



Town of North Topsail Beach
Board of Aldermen

Agenda	Public Hearing
Item:	
Date:	04 05 2023

Issue: Proposed Amendment Table 4-1; §4.03 USE SPECIFIC STANDARDS; and Article 11 Definitions for Electric Vehicle Charging Stations (EVCS)

Department: Planning

Prepared by: Deborah J. Hill MPA AICP CFM CZO

Presentation: Yes

The Planning Board regular meeting was held on Wednesday, March 9, 2023, at 5:30 PM.

Electric Vehicle Charging Stations (EVCS) are divided into three categories based on voltage requirements and charging time.

- Level 1 chargers use 120 volts, take about 12 hours to charge a vehicle, and do not require special equipment or permitting.
- Level 2 chargers are typically freestanding or hanging, and require 240 volts. Level 2 chargers typically take 4 to 8 hours to fully charge a vehicle.
- Level 3 are freestanding stations, require 480 volts and take about 30 minutes to charge a vehicle.

Planning Director Hill recommended an amendment to Table 4-1 Use Table to allow for EV charging stations 1 and 2 by right in all residential districts, and charging stations 2 and 3 by right in both B-1 and B-2 to include the appropriate definitions in Article 11.

Mr. Dorazio made a motion to approve. Ms. Stigall seconded the motion. The motion passed unanimously, 6-0.

<i>Table 4-1 Use Table</i>											
<i>Use</i>	<i>MHR</i>	<i>R5</i>	<i>R8</i>	<i>R10</i>	<i>R15</i>	<i>R20</i>	<i>RA</i>	<i>COND</i>	<i>B1</i>	<i>B2</i>	<i>Use Specific Standard</i>
Accessory use											
EVCS Level 1	P	P	P	P	P	P	P				4.03.XX
EVCS Level 2	P	P	P	P	P	P	P		P	P	4.03.XX
Commercial use											
EVCS Level 3									P	P	4.03.XX

§4.03 USE SPECIFIC STANDARDS

EVCS Level 1: May be allowed in residential as accessory to the primary permitted use. Such stations located at single-family, two-family, and multi-family land uses shall be designated as private restricted use only. Must meet requirements of Article 7 and Building, electrical and accessibility codes.

EVCS Level 2: May be allowed in residential or commercial districts. Such stations located at single-family, two-family, and multi-family land uses shall be designated as private restricted use only. Must meet requirements of Article 7 and Building, electrical and accessibility codes.

EVCS Level 3: May be allowed in commercial districts. Must meet requirements of Article 7 and Building, electrical and accessibility codes.