

a soil cone penetrometer shall be reported in accordance with ASAE EP542.

- 2.2. **Infiltration rates.** Infiltration rates or saturated hydraulic conductivity of the restored soils shall be comparable to the site's reference soil. Infiltration rates shall be determined in accordance with ASTM D3385 or ASTM D5093. For sloped areas where the methods provided in the referenced standards cannot be used successfully, alternative methods *approved* by the *code official* shall be permitted provided that the same method is used to test both reference soil and onsite soil.
- 2.3. **Soil biological function.** Where remediated soils are used, the biological function of the soils' mineralizable nitrogen shall be permitted as a proxy assessment of biological activity.
- 2.4. **Soil chemical characteristics.** Soil chemical characteristics appropriate for plant growth shall be restored. The pH, cation exchange capacity and nutrient profiles of the original undisturbed soil or the site's reference soil shall be similar in restored soils. Salinity suitable for regionally appropriate vegetation shall be established. Soil amendments and fertilizers shall be selected from those which minimize nutrient loading to waterways or groundwater.

**TABLE 405.1.4
MAXIMUM CONE PENETROMETER READINGS**

SURFACE RESISTANCE (PSI)		SUBSURFACE RESISTANCE (PSI)	
All Textures Sand	Sand (includes loamy sand, sandy loam, sandy clay loam, and sandy clay)	Silt (includes loam, silt loam, silty clay loam, and silty clay)	Clay (includes clay loam)
110	260	260	225

405.1.5 [Reserved]

405.1.6 [Reserved]

405.2 Invasive plant species. *Invasive plant species* shall not be planted on a building site. Containment or removal of any *invasive plant species* currently on the site is required.

405.3 Native plant landscaping. Where new landscaping is installed as part of a site plan or within the building site, not less than 50 percent of the newly landscaped area shall be planted with native plant species.

Exceptions:

1. Locations where non-native plant species are required by laws or regulations of the District of Columbia;

2. Vegetative roofs for buildings or structures; or
3. Trees.

**SECTION 406
BUILDING SITE WASTE MANAGEMENT**

406.1 Building site waste management requirements. Not less than 75 percent of the land-clearing debris from a building site shall be diverted from landfills. Land-clearing debris includes rock, trees, stumps and associated vegetation. The building site development shall comply with the following additional requirements:

1. The effective destruction and disposal of *invasive plant species*.
2. Where the site is located in a federal or state designated quarantine zone for invasive insect species, building site vegetation management shall comply with the quarantine rules.
3. Receipts or other documentation related to diversion shall be maintained through the course of construction. When requested by the *code official*, evidence of diversion shall be provided.

406.2 Construction waste. Construction materials and waste and hardscape materials removed during site preparation shall be managed in accordance with Section 503.

406.3 Verification. Prior to issuance of the first certificate of occupancy for occupiable space in a *story above grade plane*, or prior to final inspection, if a new certificate of occupancy is not required, the *Department* is authorized to require the *owner*, contractor or an *approved agency* to provide verification of the project's compliance with Section 406.1.

**SECTION 407
TRANSPORTATION IMPACT**

407.1 [Reserved]

407.2 [Reserved]

407.3 [Reserved]

407.4 Preferred vehicle parking. Preferred parking spaces required by this section shall be those in the parking facility that are located on the shortest route of travel from the parking facility to a building entrance, but shall not take precedence over parking spaces that are required to be accessible in accordance with the *Building Code*. Where buildings have multiple entrances with adjacent parking, parking spaces required by this section shall be dispersed and located near the entrances. Such parking spaces shall be provided with approved signage that specifies the permitted usage. Parking spaces equipped with *electric vehicle supply equipment* will be considered preferred vehicle parking locations for purposes of this requirement.

407.4.1 Low-emission, hybrid, and electric vehicle parking. Where parking is provided for a building that has a total building floor area greater than 10,000 square feet (929 m²) and that has a building occupant load greater than 300, at least 5 percent of the parking spaces provided, but