

**City of Scottsdale  
2021 International Green Construction Code (IgCC)**



**Development Review (DR) Site Checklist**

rev. 8-6-24

This is an abbreviated checklist for IgCC compliance measures that need to be addressed during the planning and DR process.

**1. HEAT ISLAND MITIGATION** ← SEE HARDSCAPE, ALL PROPOSED COMPLIES

- Not less than 50 percent of **COMPLIES** be provided with one or any combination of following options: **(a)** trees that provide required shade no later than 10 years after project completion; **(b)** hardscape materials with an initial solar reflectance value of 29 or more (new concrete has value of 35); **(c)** open-graded (uniform-sized) aggregate; permeable pavement; permeable pavers, porous pavers (open-grid pavers); **(d)** shading structures; and/or **(e)** parking under a building, per IgCC Section 501.3.5.1.

**2. ELECTRIC VEHICLE CHARGING INFRASTRUCTURE FOR LEVEL 2 CHARGING**

Occupancy Group	Min. number of EV Installed Spaces	Min. number of EV Capable Spaces
R-1 (hotels, motels) and R-2 (apartments, condos)	4% of total required parking spaces	20% of total required parking spaces
A, B, E, F, I, M, and S	4% of total required parking spaces or not less than 8% of designated employee only parking spaces	10% of total required parking spaces

0 EV SPACES PROVIDED

EV capable space is defined as a designated parking space provided with electrical raceway and electrical service capacity to support future EV charging.

EV installed space is defined as a designated parking space with dedicated electric vehicle supply equipment. NEMA 14-50 electrical outlets will satisfy this requirement.

**3. ENERGY COMPLIANCE PATH**

- Prescriptive-based compliance (allowed when total vertical fenestration is ≤ 40%)
- Performance-based compliance (required when total vertical fenestration is ≥ 40%)

**4. ONSITE RENEWABLE ENERGY SYSTEM** ← TO BE PROVIDED IN CD'S

- Identify area for on-site solar photovoltaic (PV) system with a total rated capacity of not less than 3% of annual estimated building energy use or not less than 2 watts per sq. ft. of the gross roof area over conditioned space (IgCC amended Section 701.3).
- Exceptions: 1) Buildings with a gross conditioned floor area less than 5,000 sq. ft. or 2) Buildings with a minimum 20% estimated annual savings calculated using the total building performance compliance path in accordance with Section C407 of the City Energy Code (IECC).

**5. REFUSE AND RECYCLING COLLECTION** ← SEE REFUSE PLAN

- Identify site location for refuse/recycling pick up (IgCC 901.3.4.1).

**More Information:** Scottsdale's Building Code Information link – <https://www.scottsdaleaz.gov/codes-and-ordinances/building-codes>