

ADOPTED BY THE
MAYOR AND COUNCIL

June 22, 2021

ORDINANCE NO. 11844

RELATING TO BUILDINGS, ELECTRICITY, PLUMBING AND MECHANICAL CODE; AMENDING THE CITY OF TUCSON 2018 INTERNATIONAL RESIDENTIAL BUILDING CODE - THE TUCSON CODE CHAPTER 6, BUILDINGS, ELECTRICITY, PLUMBING AND MECHANICAL CODE ARTICLE III BUILDINGS, SECTION 6-38, RESIDENTIAL CODE ADOPTED - BY ADOPTING THE ATTACHED LOCAL AMENDMENTS; AND SETTING AN EFFECTIVE DATE.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF TUCSON, ARIZONA, AS FOLLOWS:

SECTION 1. The local amendments to the 2018 International Residential Code, as set forth in Exhibit A to this Ordinance, are hereby adopted.

SECTION 2. Exhibit B to ordinance 11590 (City of Tucson Amendments to the 2018 International Residential Code)¹ is amended to include the local amendments as referenced and adopted in Section 1 of this Ordinance.

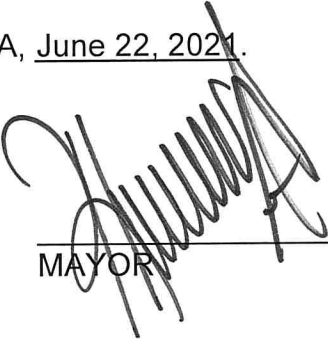
SECTION 3. The various City officers and employees are authorized and directed to perform all acts necessary or desirable to give effect to this Ordinance.

¹ Exhibit B to ordinance 11590 is on file in the office of the City Clerk and available for public inspection during regular business hours.

SECTION 4. If any provision of this Ordinance or the application thereof to any person or circumstance is invalid, the invalidity shall not affect other provisions or applications of this Ordinance which can be given effect without the invalid provision or circumstance, and to this end the provisions of this Ordinance are severable.

SECTION 5. This Ordinance becomes effective thirty (30) days after it is adopted by the Mayor and Council and is available from the City Clerk.


PASSED, ADOPTED AND APPROVED BY THE MAYOR AND COUNCIL OF THE CITY OF TUCSON, ARIZONA, June 22, 2021.



MAYOR

ATTEST:


CITY CLERK

APPROVED AS TO FORM:


CITY ATTORNEY

REVIEWED BY:


CITY MANAGER

PG/tl
06/14/2021

City of Tucson Amendments to the 2018 International Residential Code

SECTION N1101.6 (IECC R202) REVISE Section by ADDING new definitions as follows:

ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors, and the Electric Vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the Electric Vehicle.

EV READY SPACE. A designated parking space which is provided with one 40-ampere minimum 208-volt or 240-volt dedicated single phase branch circuit for EVSE servicing Electric Vehicles. The circuit shall terminate in a suitable termination point such as a NEMA 14-50R receptacle or an EVSE and be located within 10 feet of the proposed location of the EV parking spaces. The ampere and volt minimums described above can be modified with administrative approval to allow for advances in industry standards.

ADD new Section N1104.2 (IECC R404.2) as follows:

Section IRC N1104.2 (IECC R404.2) Electric Vehicle (EV) charging for new construction (Mandatory). New construction shall facilitate future installation and use of Electric Vehicle Supply Equipment (EVSE) in accordance with the NFPA-70, National Electrical Code as adopted.

ADD new Section N1104.2.1 (IECC R404.2.1) as follows:

Section N1104.2.1 (IECC R404.2.1) One- to two-family dwellings and townhouses (Mandatory). For each dwelling unit, provide at least one EV Ready Space. The branch circuit shall be identified as “EV Ready” in the service panel or subpanel directory, and the termination location shall be marked as “EV Ready”.

Exception: EV Ready Spaces are not required where no on-site parking spaces are provided.

ADD new Section N1104.2.2 (IECC R404.2.2) as follows:

Section N1104.2.2 (IECC R404.2.2) Documentation (Mandatory). Construction documents shall indicate the EVSE location and shall provide information on wiring methods, circuiting and electrical load calculations which demonstrate that the premises electrical system has load capacity to accommodate the EV charging load.