

E. Connectivity (Maximum Evacuation Capacity):

- a. In this section:
  - i. ACCESS STREET means a street that provides access to a subdivision or residential development by connecting to an external street.
  - ii. EXTERNAL STREET means a street that is outside the boundaries of a subdivision or residential development, and that is:
    - 1. a publicly maintained street;
    - 2. a street that is offered for dedication and for which a construction performance bond is posted pending acceptance of the dedication; or
    - 3. a private street that complies with the requirements of this Code and each applicable criteria manual.
- b. Except as otherwise provided in this section:
  - i. a new subdivision or residential development must have at least two access streets; and
  - ii. access streets must connect to at least two different external streets.
- c. A new subdivision or residential development may have only one access street if the director determines that:
  - i. the access street:
    - 1. does not cross an area with a high wildland fire protection rating, as determined in accordance with the National Fire Protection Association Bulletin 299, "Protection of Life and Property from Wildfire", published in 1992; and
    - 2. is not inundated by more than nine inches of water by a 100-year flood, as determined in accordance with the Drainage Criteria Manual; and
    - 3. has a paved width of at least 36 feet from the intersection of the access street with the external street for a distance of:
      - a. 100 feet; or
      - b. 50 feet if the access street has curb and gutter; and
  - ii. the access street:
    - 1. is not more than 2,000 feet in length, and provides access to not more than 30 single-family residential dwellings; or
    - 2. is an arterial or collector street, and its intersection with the external street will function at a level of service of "C" or better during construction and after build-out of the subdivision, as determined by an intersection analysis that is:
      - a. approved by the director; and
      - b. if the subdivision generates more than 1,000 vehicle trips a day, prepared by a registered professional engineer in accordance with the Transportation Criteria Manual, or Transportation Research Board Special Report 209, "Highway Capacity Manual", published in 1994.