



SECURITY FIRE PROTECTION DISTRICT

Fire Access

SECTION 1410 TAKEN FROM THE INTERNATIONAL FIRE CODE

This letter will apply to all contractors and developers that are building in the Security Fire Protection District. If the developer fails to comply with these requirements as set forth, actions will be taken to put a work stop order on construction and fine for violations as set forth C.R.S 32-1-1002 (3) and (4). Before any combustible materials are brought on site FIRE ACCESS will be provided.

ACCESS FOR FIRE FIGHTING

1410.1 Required access.

Approved vehicle access for firefighting shall be provided to all construction or demolition sites. Vehicle access shall be provided to within 100 feet (30 480 mm) of temporary or permanent fire department connections. Vehicle access shall be provided by either temporary or permanent roads, capable of supporting vehicle loading under all weather conditions. Vehicle access shall be maintained until permanent fire apparatus access roads are available.

TEMPORARY FIRE ACCESS ROAD

Temporary access roads shall be an all weather surface comprised of either the first lift of asphalt or concrete/compacted gravel to a thickness capable of supporting the imposed loads of fire department apparatus. A 20-ft minimum width shall be maintained unless the permanent road is designed less than 20-ft, in which case the temporary road shall be the intended width of the permanent road. Adequate street signs and fire lane signs shall be installed where applicable. Temporary access roads must be maintained in accord with this section. Temporary access roads must be approved and inspected by the fire department and maintained in accord with this section.

FIRE APPARATUS ACCESS ROAD

A road that provides fire apparatus access from a fire station to a facility, building or portion thereof. This is a general term inclusive of all other terms such as Fire Lane, Public Street, Private Street, Parking Lot Lane, and Access Roadway. (Section 502.1- 2003 IFC)

	GENERAL FIRE DEPARTMENT ACCESS REQUIREMENTS	URBANO INTERFACE FIRE ACCESS REQUIREMENTS
DISTANCE TO ALL PORTIONS OF A STRUCTURE	150-feet (2003 IFC)	150-feet (2003 IFC)
DIMENSIONS (Width)	Not less than 20-feet (2003 IFC)	Not less that 12-feet (Local Amendments)
DIMENSIONS (Height)	Not less than 13-6 (2003 IFC)	Not less than 13-6 (2003 IFC)
SURFACING	All weather (2003 IFC) Support 75,000 pounds (Appendix D)	All fire apparatus access roads shall be all-weather surfacing, capable of supporting HS-20 loading and acceptable to the Fire Code Official. (Local Amendments)
TURNING RADIUS	To be determined by the Fire Code Official (2003 IFC)	To be determined by the Fire Code Official (2003 IFC)
DEAD ENDS	Not to exceed 150-ft without an approved turn-a-round (2003 IFC)	Not to exceed 150-ft without an approved turn-a-round (2003 IFC)
TURN OUTS	N/A	Fire apparatus access roads in excess of 200 feet in length and less than 20 feet in width shall be provided with turnouts in addition to turnarounds. (Local Amendments)
MAXIMUM GRADE	10 percent (Appendix D)	10 percent (Local Amendments)

D102.1 Access and loading

Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 75,000 pounds (34 050 kg).

Figure D103.1 Dead-End Fire Apparatus Access Road Turnaround.

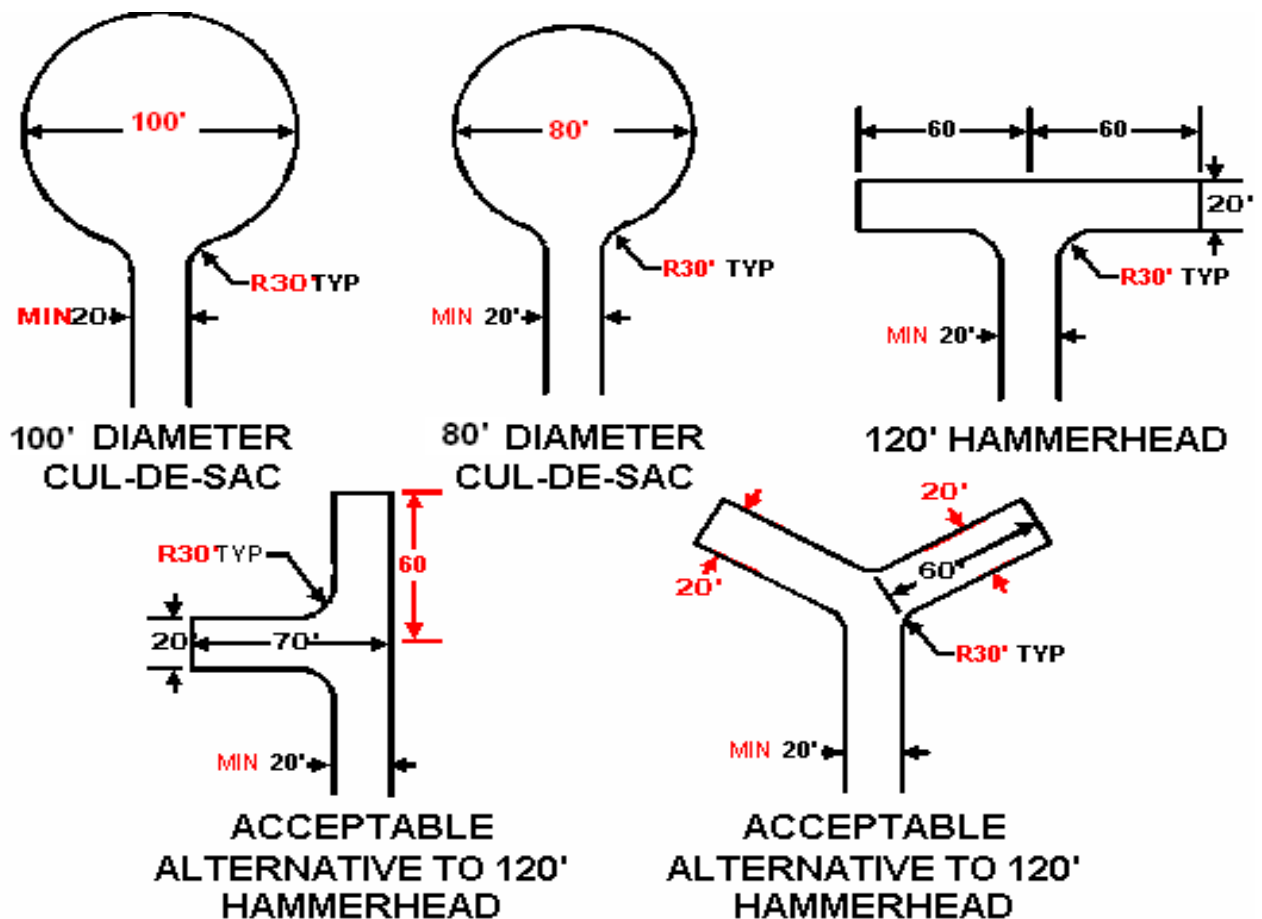


Table D103.4 Requirements for Dead-End Fire Apparatus Access Roads.

DEAD-END LENGTH (FEET)	MINIMUM ROAD WIDTH (FEET)	APPROVED TURNAROUND OPTIONS (See Figure D103.1)
0 - 150	20	NONE REQUIRED
151 – 500	20	1) 120-FOOT HAMMERHEAD 2) 60-FOOT “Y” 3) 80- FOOT DIAMETER CUL-DE-SAC FOR DEAD-ENDS WITH CURB AND GUTTER 4) 100-FOOT DIAMETER CUL-DE-SAC FOR DEAD-ENDS WITHOUT CURB AND GUTTER
501 – 750	20	100-FOOTDIAMETER CUL-DE-SAC (ADDITIONAL INTERMEDIATE TURNAROUNDS MAY BE REQUIRED)
OVER 750	SPECIAL FIRE DEPARTMENT APPROVAL IS REQUIRED.	