



## WOODSIDE FIRE PROTECTION DISTRICT

### *Roadways and Access*

### *Design/Installation Requirements*

808 Portola Rd. #C Portola Valley, CA 94028 Fire Prevention 650-423-1405 Fax 650-851-3960

January 2020

#### **Grades**

Driveways with less than 15% grade may be all weather type and will support a minimum of 75,000 lbs. during the wet season.

Driveways greater than 15% grade need be a rough grooved concrete or an alternate material approved by WFPD. **NO driveway shall exceed a 20% grade.**

#### **Width/Height Clearance**

A single-family dwelling shall have a minimum driveway width of 12 feet measured curb to curb. Driveways with curbs or retaining walls parallel to each other need be increased to 14 feet wide. A 40 foot outside turning radius is required.

A common driveway for two or more family residence's on separate APN's, shall have a minimum width of 18 feet measured inside curb to inside curb. If no curbs are present, maintained, all weather, drivable shoulders may be inclusive.

An unobstructed vertical clearance of not less than 13 feet 6 inches is required along all driveways.

#### **Length**

Driveways that extend more than 150' in length shall have an approved turnaround for fire apparatus.

Any driveway more than 350 feet in length shall have a turnout provided near the center of the driveway. Driveways with extended lengths shall have turnouts provided evenly as possible every 350 feet. Fire apparatus turnarounds must be no greater than 150 feet from the building. Cul-de-sacs need be minimum 40 in foot radius.

## **Applicability**

Fire apparatus roads shall be provided for every facility, building or portion of a building constructed when the building is located more than 150 feet from fire apparatus access. All transitions from roadways to driveways or parking lots must have a 10% or less ratio.

Fire apparatus roads shall have an unobstructed width of not less than 20 feet and an unobstructed vertical clearance of not less than 13 feet 6 inches.

## **Bridges**

When a bridge is required to be used as part of a fire apparatus road or driveway it shall be constructed and maintained in accordance with nationally recognized standards. The bridge shall be designed for a live load sufficient enough to carry imposed loads of fire apparatus as required by WFPD. The load limit shall be 75,000 lbs. and posted.

## **KNOX Key Boxes:**

Emergency egress obstructions, such as gates, bollards or chains require WFPD access via a Knox system (key switch, vault or padlock).

Forms are available at 808 Portola Rd. Portola Valley, CA 94028 or online at [www.knoxbox.com](http://www.knoxbox.com)

## **Submittals:**

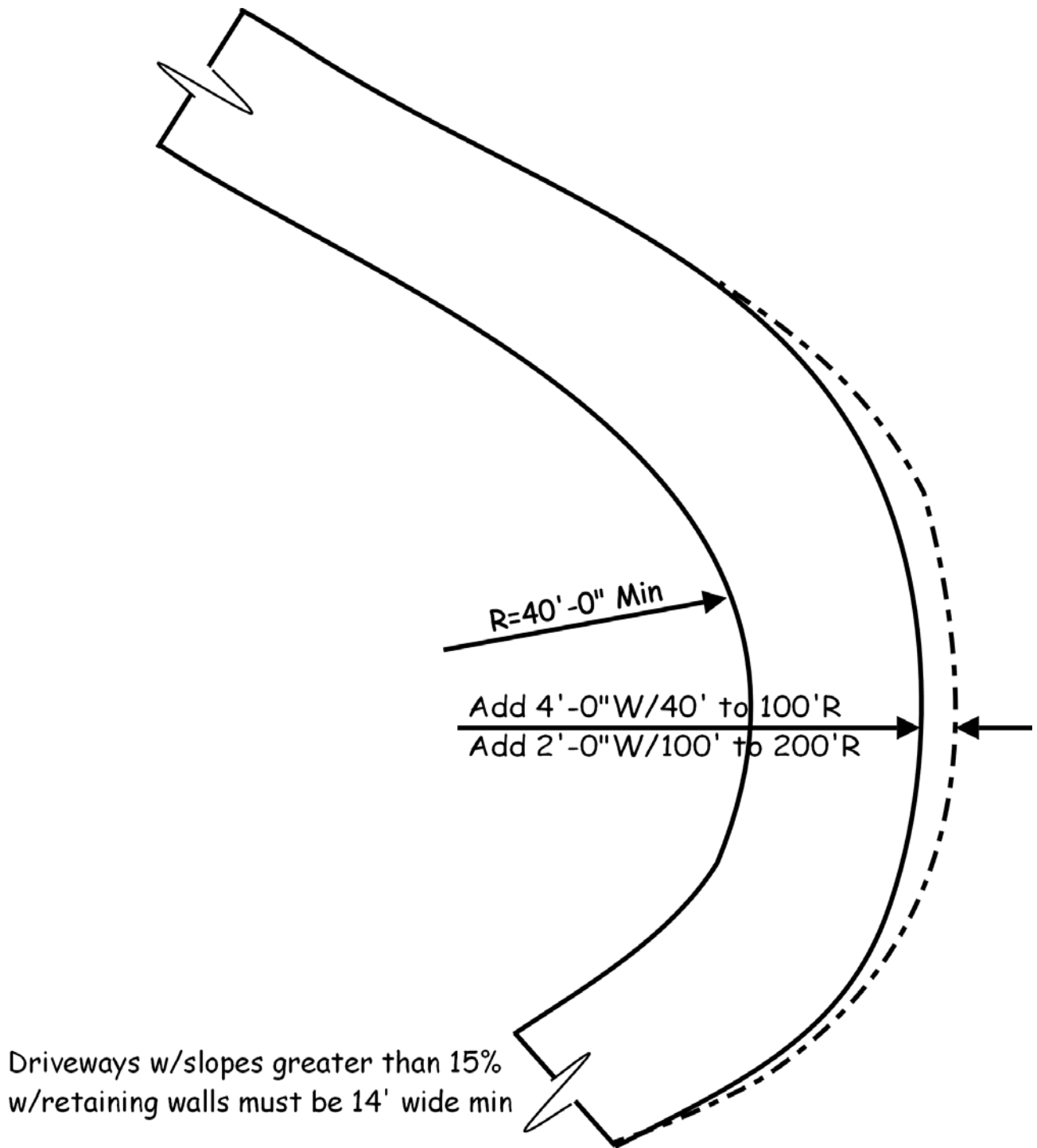
Woodside Fire Protection District, (WFPD) requires plans to be submitted through the local building department. Plans will be reviewed and approved by Woodside Fire Prevention Bureau. Along with the submittal package a \$180.00 (Plan review/inspection fee) will be required.

*Check payable to Woodside Fire Protection District*

### **\*\*NOTE\*\***

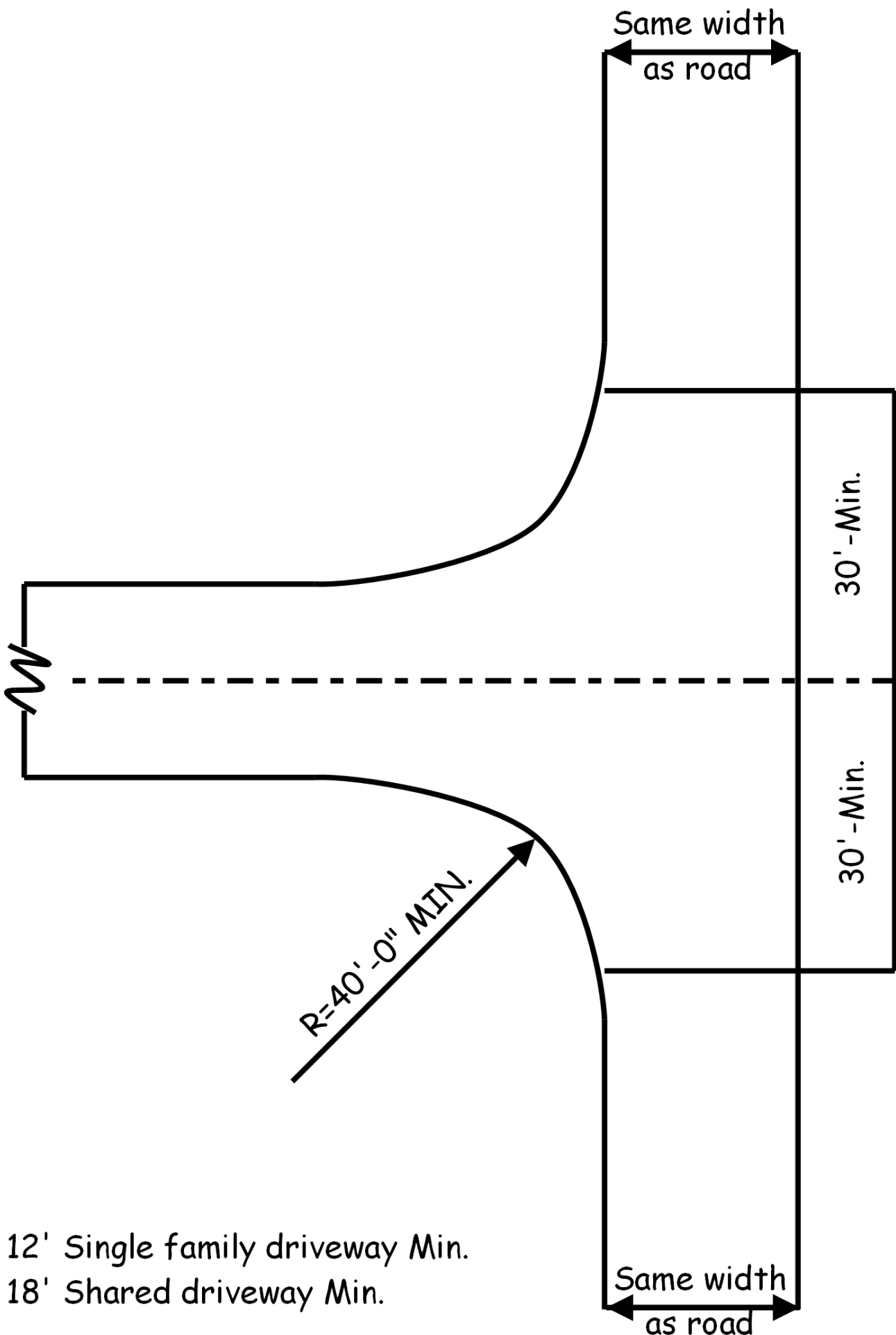
**If your project is under review through County of San Mateo Planning and Building Departments. Fees for your project need to be directly paid to WFPD prior to plan approval.**

\*Each project is unique and additional requirements may be enforced as deemed appropriate by CFC Section 503, Appendix D and local amendments.

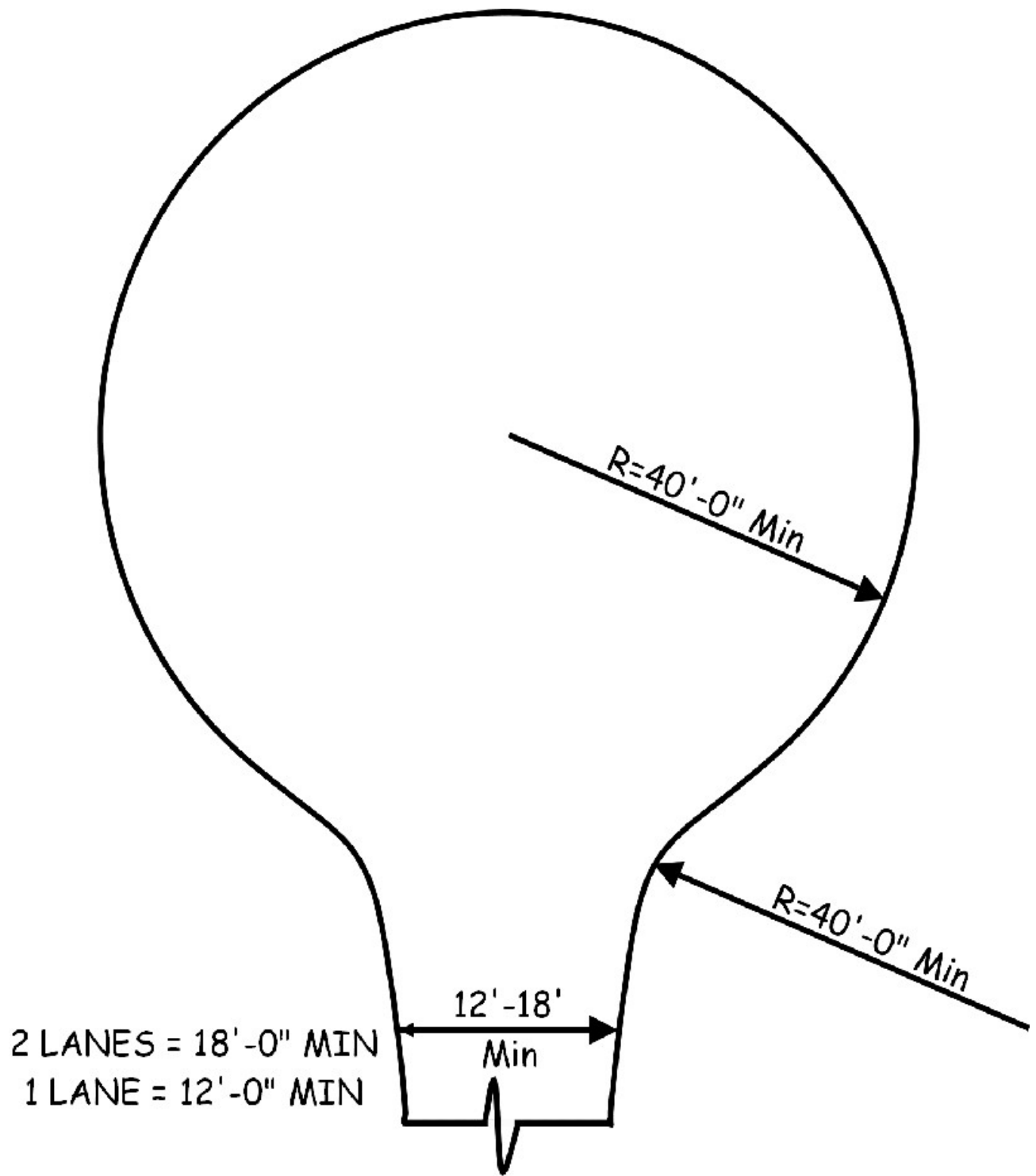


## Curves

Not to scale-For reference only

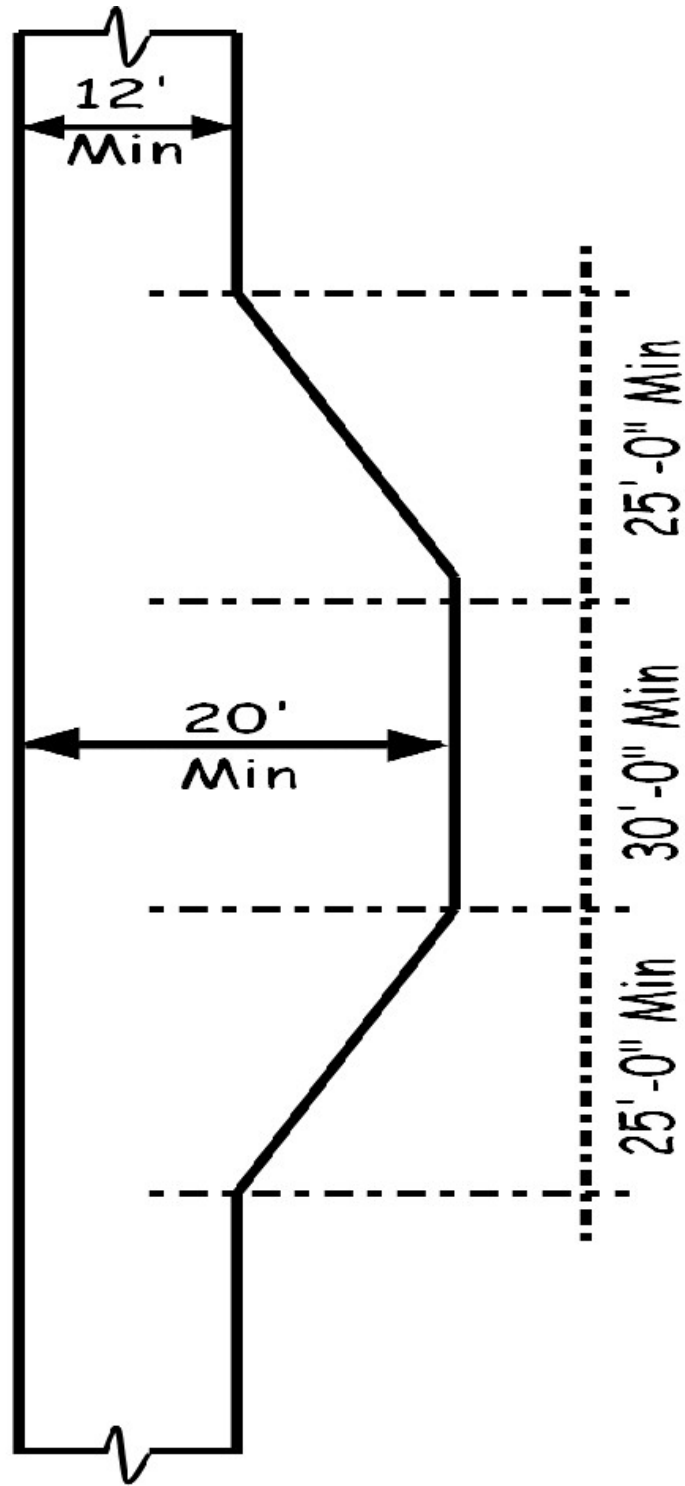


12' Single family driveway Min.  
18' Shared driveway Min.



## Turnaround

Not to scale-For reference only



## Turnout

Not to scale-For reference only