



**Acronyms:**

- FFE - Finished Floor Elevation
- MLOE - Minimum Lowest Opening Elevation
- WSEL - Water Surface Elevation
- UFRA - Urban Flood Risk Area
- DRMC - Denver Revised Municipal Code

**CITYWIDE**

**Without Study:**

Finished Floor Elevation (FFE) and Minimum Lowest Opening Elevation (MLOE) must be at least 24" above gutter flow line elevation adjacent to all entrances.<sup>(1)</sup>

**With Site-Specific Study<sup>(2)</sup>:**

- FFE/MLOE at least 12" above 100-year WSEL; or
- FFE/MLOE above 2 x 100-year flow WSEL; or
- FFE/MLOE above WSEL based on 2 x flow determined from flow at 12" depth<sup>(1)</sup>

**URBAN FLOOD RISK AREA (UFRA)<sup>(3)</sup>**

Detailed two-dimensional hydraulic studies are used to determine FFE/MLOE when UFRA is present:

- FFE/MLOE at least 12" above 100-year WSEL; or
- FFE/MLOE above 2 x 100-year flow WSEL

**REGULATORY FLOODPLAIN<sup>(3)</sup>**

Flood Protection is determined by Denver Floodplain Ordinance (DRMC 56-200 through 56-206)<sup>(4)</sup>

See: [https://library.municode.com/co/denver/codes/code\\_of\\_ordinances?nodeId=TITIIREMUCO\\_CH56UT\\_ARTVFLMA](https://library.municode.com/co/denver/codes/code_of_ordinances?nodeId=TITIIREMUCO_CH56UT_ARTVFLMA)

**OVERLAP AREA**

Requirements based on the more restrictive of Regulatory Floodplain or Urban Flood Risk Area.<sup>(4)</sup>

1) Only allowed in areas where there are no known areas of flooding.  
 2) Requires analysis by Colorado licensed Professional Engineer.  
 3) Visit [www.denvergov.org/flood](http://www.denvergov.org/flood) for online UFRA and Floodplain maps.  
 4) Other specific floodplain requirements also apply.