GENERAL REQUIREMENTS

1. Identify on site accessibility plan location of all curb ramps.  
   CBC 11B-406

2. Curb ramps and flared sides shall not project into vehicular traffic lanes, parking stalls, or parking access aisles.  
   CBC 11B-406.5.1

3. Specify surfaces of curb ramps and flared sides shall be stable, firm and slip-resistant.  
   CBC 11B-302.1, CBC 11B-405.4, and CBC 11B-406.5.4

DIMENSIONS AND SLOPES

4. Provide complete dimensions and coordinated detailing for each curb ramp.  
   CBC 11B-406

5. Detail any perpendicular curb ramps per the following:
   - Ramp run with maximum 8.3% running slope
   - Ramp run with maximum 2.1% cross slope
   - Where provided, flared sides with maximum 10% slope per CBC Figure 11B-406.2.2
   - Ramp run with minimum 48-inch clear width (excluding flared sides)
   - Level top landing minimum 48-inches deep and at least as wide as ramp run (excluding flared sides) per CBC Figure 11B-406.5.3

   CBC 11B-406.2 and CBC 11B-406.5
6. Detail any parallel curb ramps per the following:
- Ramp run(s) with maximum 8.3% running slope and in line with direction of sidewalk travel
- Ramp run(s) with maximum 2.1% cross slope
- Ramp run(s) with minimum 48-inch clear width
- Minimum 48-inch by 48-inch level turning space at bottom of curb ramp per CBC Figure 11B-406.3.2

![Figure 11B-406.3.2: Parallel Curb Ramps](image)

CBC 11B-406.3 and CBC 11B-406.5

7. Detail detectable warning complying with the following at each curb ramp:
- Extending full width of curb ramp run – excluding flared sides – less maximum 2 inches on each side
- Extending minimum 36 inches in direction of travel
  
  **Exception:** On parallel curb ramps, detectable warnings minimum 36-inches deep shall be placed on the turning space at the flush transition between the sidewalk and vehicular area, extending the full width of the flush transition less maximum 2 inches on each side

- Located so the edge nearest curb is minimum 6 inches and maximum 8 inches from line at curb face
- Including raised, truncated domes per CBC Figure 11B-705.1:
  - Minimum 0.9-inch and maximum 0.92-inch base diameter
  - Minimum 0.45-inch and maximum 0.47-inch top diameter
  - 0.20-inch height
  - Minimum 2.3-inch and maximum 2.4-inch center-to-center spacing and minimum 0.65-inch base-to-base spacing
    
    **Exception:** Minimum 1.6-inch and maximum 2.4-inch center-to-center spacing acceptable for domes in radial pattern

- Color – integral to surface – contrasting with adjacent walking surfaces, either light-on-dark or dark-on-light

![Figure 11B-705.1: Size and Spacing of Truncated Domes](image)

CBC 11B-247.1.2.2, CBC 11B-406.5, and CBC 11B-705.1
8. Specify the following for transitions from curb ramps to adjoining walks, gutters, and streets:
   - Flush and free of abrupt change
   - Maximum 5% counter slope of adjoining gutters and road surfaces immediately adjacent to and within 24 inches of curb ramp per CBC Figure 11B-406.5.7

   ![Diagram of curb ramp slope and counter slope]

   **Figure 11B-406.5.7**
   COUNTER SLOPE OF SURFACES ADJACENT TO CURB RAMPS

   **CBC 11B-406.5.8**

9. Detail and dimension any diagonal curb ramps to comply additionally with the following per CBC Figure 11B-406.5.10:
   - Minimum 48-inch clear space at bottom of ramp within any marked crossings and outside active traffic lanes of roadway
   - If ramps have returned curb or other well-defined edges, such edges shall be parallel to direction of pedestrian flow
   - If ramps have flared sides, minimum 24-inch-long segment of straight curb required on each side of curb ramp and within any marked crossings

   ![Diagram of diagonal or corner type curb ramps]

   **Figure 11B-406.5.10**
   DIAGONAL OR CORNER TYPE CURB RAMPS

   **CBC 11B-506.9 and CBC 11B-506.10**