CONSTRUCTION NOTES:

1. Use the type of curb and gutter shown on the plans.

2. Construct ramp runs and landings of concrete, regardless of whether the sidewalk is asphalt or concrete.

3. Construct ramp slabs at a 7.7% nominal grade, or flatter. Ramp slabs may be narrowed to a minimum of 6.5% when conditions warrant it. Ramp lengths should be increased to keep grades under the 6.5% maximum, but are not required to exceed 10.0 feet. The resulting ramp grade at a 10.0 foot ramp length is acceptable even if it exceeds 8.3%.

4. Construct flares slopes at 8.3% (measured parallel to the curb line) or flatter. Sidewalk cross slopes at 1.0% nominal (0.0% max. and 2.0% max.) and ADA Curb and Gutter: 4.7% nominal. Construct grade breaks perpendicular to ramp runs.

5. Do not construct grades steeper than 10.0%. ( ADA Curb and Gutter) grade slopes steeper than 3.0% and provide slopes gentler than 5.0%. Those are the steepest slopes allowed under the 2006 ADA Standards for Transportation Facilities.

6. Provide a coarse, smooth finish on ramp runs perpendicular to the ramp slope.

7. When approved by the Engineer, curb returns may be replaced with ramps at locations where access to the side of the ramp run is free of poles, utility boxes, other obstructions or non-accessible surfaces such as a sign or planter strips. See Standard Plan 4-22 for more details.

8. Install 24″ wide detectable warning tiles for the full width of the ramp. See Standard Plan 4-22 for more details. Install raised detectable warning tiles in the center of the ramp.

9. Minimum cross slope on upper landings, measured in any direction, is 2.0%. Minimum cross slope on ramps is 2.0% measured perpendicular to the ramp run.

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Curb and Gutter
AND CURB RAMP DETAILS
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