

Town of Apex
Standard Specifications & Standard Details
Summary of Revisions
June 13, 2023

❖ **STANDARD SPECIFICATIONS**

SECTION 300 – Streets

- 302 Design, C. Grades

Revise first sentence to *“Unless necessitated by exceptional topography, street grades shall not be less than one half percent (0.5%).”* Add:

“The maximum grade allowed for a local street when approaching an intersection is five percent (5%) for the last 100 feet of pavement before the intersection.

The maximum grade allowed for a collector street or thoroughfare when approaching an intersection is two percent (2%) for the last 100 feet of pavement before the intersection.

The beginning of the minimum grade allowed for a street approaching an intersection is measured at the curb-line extension of the intersecting street.

Street grades at pedestrian crossing locations shall meet the following criteria or the latest approved Federal Access Board standards whichever is more stringent.

1. *2% maximum cross slope for crossings located at approaches with a stop or yield condition; and*
2. *5% maximum cross slope for crossings located at approaches without stop control.”*

SECTION 600 – Water Distribution System

- 602 Fire Protection, B. Automatic Fire Sprinkler Systems, 5. Post Indicator Valve (PIV)

Delete section.

❖ **STANDARD DETAILS**

SECTION 300 – Streets

- 300.08 CONCRETE SIDEWALK – Revised cross slopes.
- 300.25 STUB STREET TURN-AROUND – Removed curb ramps; extended sidewalks.

SECTION 400 – Soil Erosion & Sedimentation Control

- 400.24 EXISTING POND DAM BREACH (new)

SECTION 620 – Cross Connection Control

- 620.02 (SHEET 1 OF 2) TYPICAL FIRE CONNECTIONS – COMMERCIAL – Deleted post indicator valves.