

Construction Guidance

General Construction:

- Curb ramps shall extend at a constant width from landing to back of curb (flares or wings not permitted)
- Curb ramps shall be colinear with sidewalks
- Curb ramps shall maintain alignment with back of sidewalk
- Expansion joint material should be placed along back of curb and/or gutter and near the landing as directed by the engineer or technician

Detectable Warning Surface (DWS):

- Perpendicular DWS - placed transverse to the direction of pedestrian travel and as close to back of gutter as possible
- Radial DWS - must be used when the measurement taken along the longest side of the curb ramp from back of curb to the front edge of the DWS exceeds 5' in length (See detail)
- Rail Crossing DWS - shall be placed directly behind gate if present. When a gate is not present DWS shall not be less than 6 feet or more than 15 feet from rail
- Joints are not permitted to originate / terminate at a DWS

Grades/Slopes:

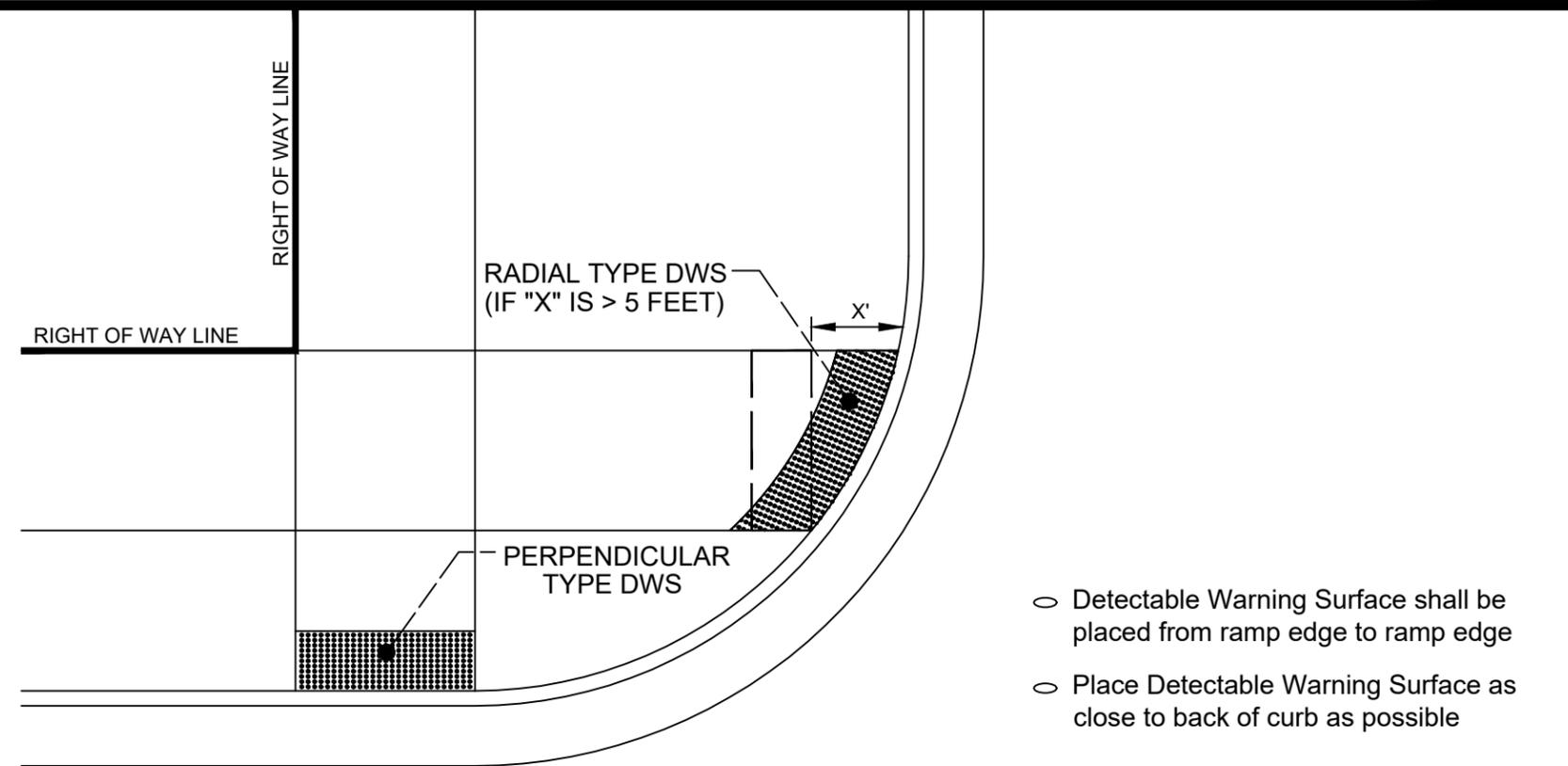
- Landings must be at or less than 2% by 2% grade/slope
- Ramps must be less than 8.3% longitudinal grade, and at or less than 2% cross slope
- A longitudinal grade greater than 5% can be maintained for not more than 30 feet

Widths/Opening:

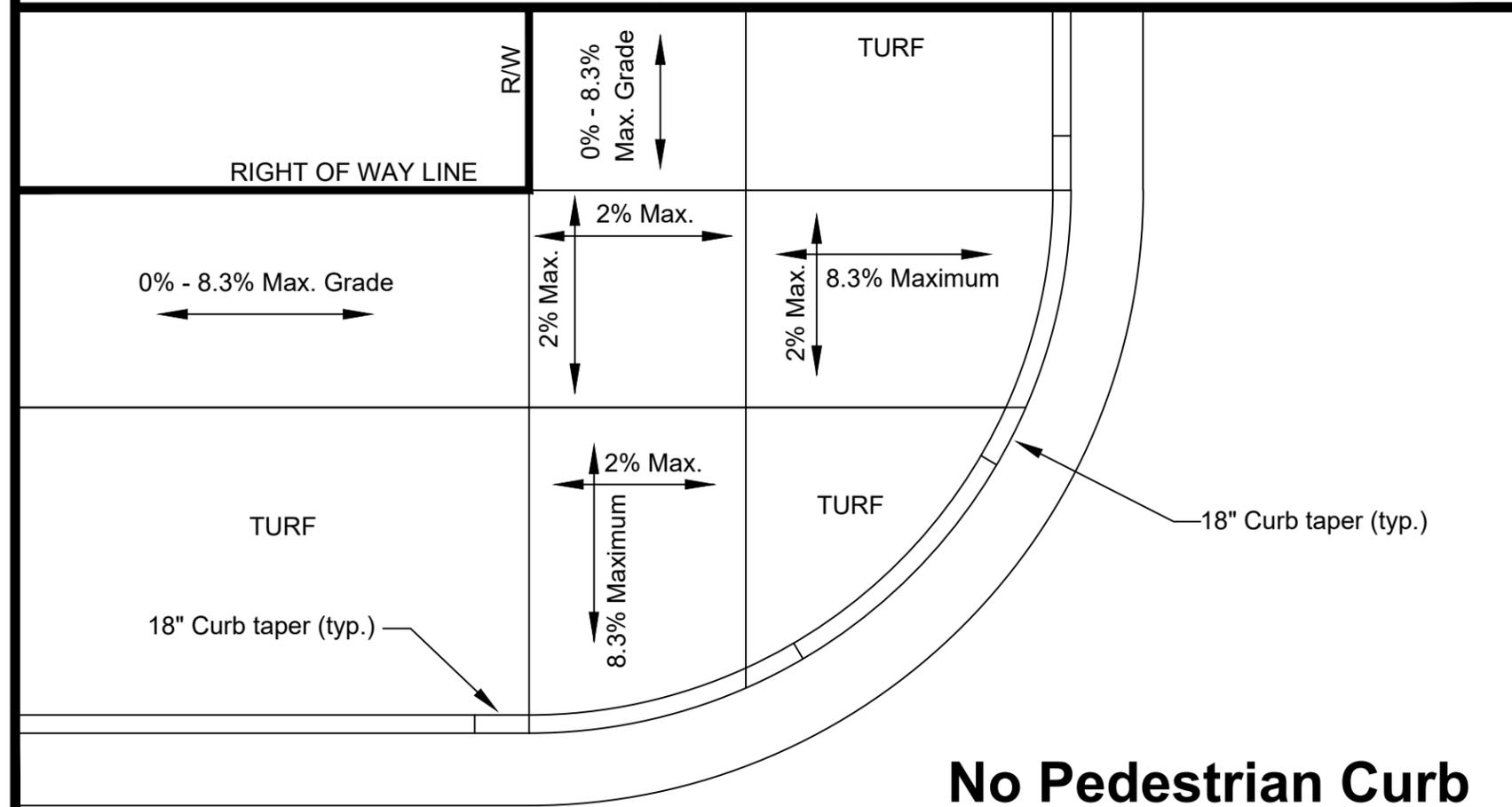
- Ramps shall match widths of landing
- Ramps shall be constant width, extending to back of gutter
- Ramps may be narrower than curb openings
- DWSs in ramps shall be edge-to-edge, with a 1" maximum border
- Curb tapers may only be installed when adjacent to turf
- Grade of ramp shall be constant from landing to flowline of gutter
- Vertical curb faces shall be installed when adjacent to hardscape surface and pedestrian curb

Triangular / "Pie" Area Between Ramps:

- If the pie measures greater than 10 square feet, the area must be replaced with turf
- If the pie measures less than 10 square feet, the area must be poured in concrete



Detectable Warning Surface (DWS)



No Pedestrian Curb