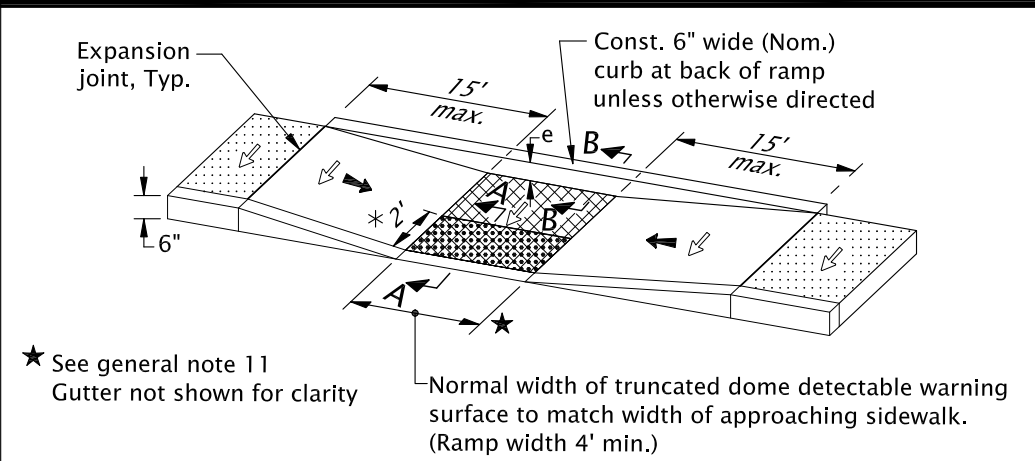
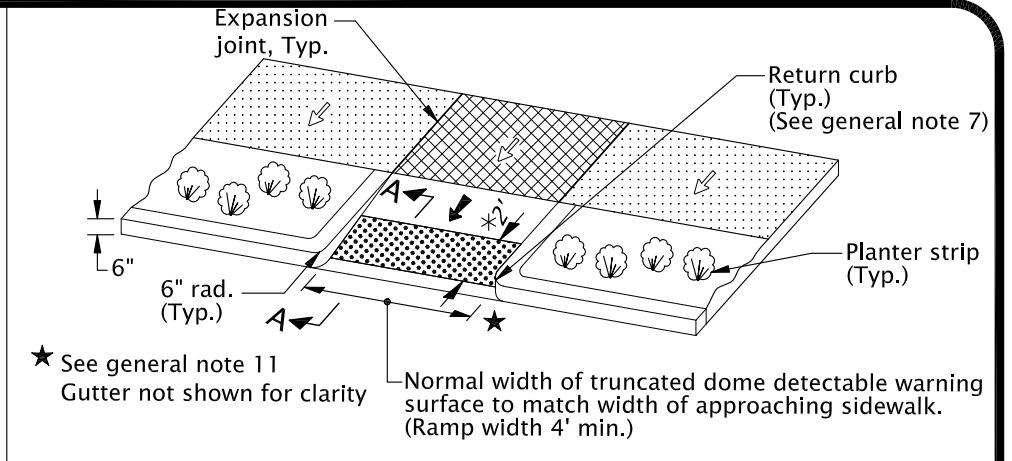


PERPENDICULAR SIDEWALK RAMP DETAIL

(Use "Parallel Sidewalk Ramp Detail" when reqd. turning space cannot be obtained)

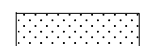







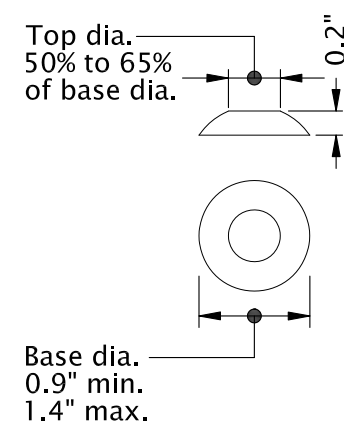
PARALLEL SIDEWALK RAMP DETAIL



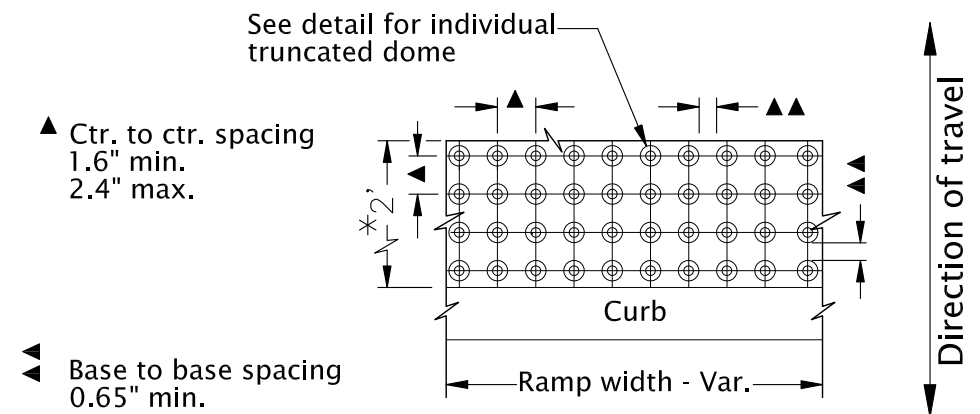
PERPENDICULAR SIDEWALK RAMP DETAIL (THROUGH PLANTER STRIP)

LEGEND

-  Sidewalk
-  Turning space
Min. level area 4'x4'
4'x5' when constrained (with longer dimension in direction of pedestrian street crossing). For the purposes of this application, a max. 2.0% finished surface slope (for drainage) is considered level.
-  Truncated dome detectable warning surface
-  Slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)
-  Slope 7.5% max.
(Max. 8.3% finished surface slope)
(Ramp length 15' max., measured along finished surface slope)
-  * 2' See general note 5



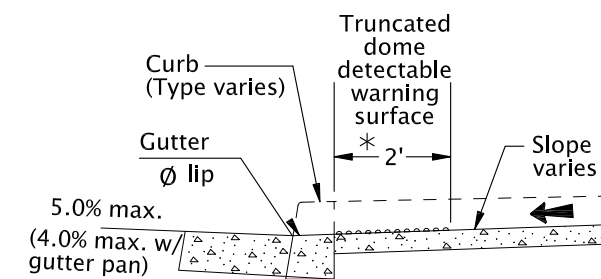
TRUNCATED DOME DETAIL TRUNCATED DOME PATTERN AND ORIENTATION TRUNCATED DOME DETECTABLE WARNING SURFACE



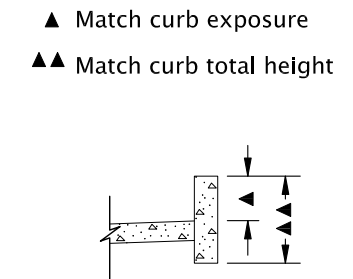
General Notes for all details:

1. Sidewalk ramp details are based on United States Access Board Standards. Any alternate design shall meet Access Board Standards and be approved by the City Engineer.
2. See Std. Dwg. GP700 for curbs.
See Std. Dwg. GP720 for sidewalks.
3. Tooled joints are required at all sidewalk ramp slope break lines.
4. Sidewalk curb ramp slopes shown are relative to the true level horizon (Zero bubble).
5. Place truncated dome detectable warning surface in the lower 2' adjacent to traffic of throat of ramp only, unless shown otherwise. Place detectable warning surface over full ramp width.
6. Side flares that are not part of the path of travel may be any slope.
7. Return curb may be provided in lieu of flared slope only if protected from cross travel by landscaping or fixed barrier.
8. For the purpose of this drawing, a curb ramp is considered "perpendicular" if the angle between the longitudinal axis of the ramp and a line tangent to the curb at the ramp center is 75° or greater.
9. Ramps for paths intersecting a roadway should be full width of path, excluding flares. When a ramp is used to provide bicycle access from a roadway to a sidewalk, the ramp should be 8' wide.
10. For sidewalk ramp placement options, see Std. Dwg. GP756.
11. Check the gutter flow depth at ramp locations to assure that the design flood does not overtop the back of sidewalk at ramp. If overtopping occurs place an inlet at upstream side of ramp or perform other approved design mitigation.

12. Only use details allowed by jurisdiction.
13. Site conditions normally require a project specific design. See project plans for details not shown.
14. See Traffic Drawings for signal pole and pedestrian pedestal details.
15. See concrete standards page for additional requirements.
16. Sidewalk ramp section shall be 6" thick.
17. Curb Joints shall be contraction joints if curb and ramp are placed monolithic.
18. City Engineer reserves the right to not accept any completed work that is not in conformance with the City's Standard Drawings and Specifications. Concrete shall not be placed until forms have been inspected by City Engineer.
19. ODOT ramps may be used with approval by City Engineer.
20. All truncated domes to be safety yellow, surface applied with adhesives.
21. Encroachment Permit is required prior to starting any work within right of way.
22. Provide expansion joints between ramps (including turning space) and sidewalk.
23. Existing survey monuments of record shall be protected in place during construction. If disturbed, contractor is responsible for replacement of said survey monument(s) per O.R.S. 209.150.



SECTION A-A



SECTION B-B

The selection and use of this standard drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

Designed By: STAFF
 Drawn By: KJD
 Checked By: MPT
 Approved: JMC



CITY OF GRANTS PASS
 101 Northwest 'A' Street
 Grants Pass, OR 97526
 (541) 450-6060 ph (541) 476-9218 fax

SIDEWALK RAMP DETAILS

No.	Date	Revisions	App. By

2018

DWG. NO. GP755