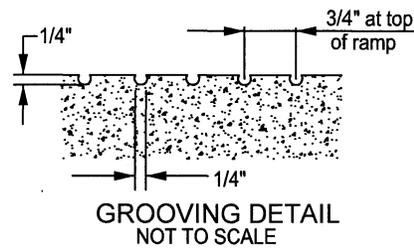


NOTES FOR ACCESS RAMP STANDARD PLATE NOS. 5-1, 5-2 AND 5-3

1. Curb access ramps shall be constructed at each corner of street intersections and where a cross walk or pedestrian way crosses a curb. Two ramps, centered on each cross walk, shall be provided at curb returns on primary, secondary, industrial and commercial roads (curb radius of 35'). For 25' radius curb returns, one ramp, centered in the return, shall be provided. Ramps shall not extend beyond the curb return BCR or ECR.
2. Ramps shall be min. 4' wide and shall generally lie in a single slope plane with minimal surface warping. Ramp slope shall be min. 6.7% and max. 8.2%, with cross slope between 1.5% and 2%. Landings shall be 4' by 4' with a max. 2% slope in any direction.
3. The bottom of all ramps or landings shall be flush with the adjacent gutter (NO LIP). The adjacent gutter slope shall be between 4% and 5%.
4. Provide a 12" wide grooved border at the top of each ramp. See detail below for dimensions of grooves. The full width and the lower 3' of ramps or landings shall have a truncated dome detectable warning surface. Domes shall be aligned on a square grid in the predominate direction of travel.
5. The dimensions and spacing of the truncated dome on the detectable warning surface shall be in accordance with ADA regulations and SPPWC Std. Plan 111 (Latest Version).
6. Truncated dome panels shall be inset into the concrete and shall be constructed so as to remain removable/replaceable in-kind with steel bolt fasteners as anchorage. Panels shall not be applied using adhesive nor with permanently embedded anchors. Concrete or brick pavers with precast truncated domes may be used.
7. Color of the detectable warning surface shall contrast visually with adjoining surfaces, either light-on-dark, or dark-on-light. Selection of color shall be approved by the City Engineer prior to installation. Terracotta color is preferred.
8. The Developers Engineer shall design each curb access ramp, including all dimensions, elevations, slopes and transition lengths as shown on Plates 5-1, 5-2 and 5-3. Approximate ramp and gutter/flowline transition lengths for various street slopes are as follows:
 - a. For street slopes <0.6%, L1=7', L2=7', L3=7', hold flowline grade.
 - b. For street slopes 0.6% to 2.5%, L1=10', L2=7', L3=5', hold edge of gutter grade.
 - c. For street slopes >2.5%, L1=15', L2=15', L3=3.5', hold edge of gutter grade.
9. The concrete surface of the entire curb access ramp shall be slip resistant and contrasting from the finish of the adjacent sidewalk.
10. Sawcut existing sidewalk at nearest score line and construct new concrete sidewalk each side of curb access ramp per Plate 8-3. Provide sidewalk extensions as required to maintain 4' min. path of travel per Plate Nos. 8-8 or 8-9.
11. Provide 6" concrete curb at end of ramp where sidewalk does not continue.
12. Sawcut and remove/replace min. 2' of existing AC pavement along entire length of access ramp. Match existing structural section, min. 3" AC over 6" AB.



6	Corrected Detectable Warning Reference	3-27-12	MAF
5	Revised for Detectable Warning Surface	10-22-08	MAF
CHG	DESCRIPTION	DATE	INITIAL
APPROVED	<i>Jay L. Morgan</i> CITY ENGINEER	3.27.12 DATE	

CITY OF THOUSAND OAKS
PUBLIC WORKS DEPARTMENT

STANDARD
CURB ACCESS RAMP NOTES

PLATE NO.
5-4