

(X) MINIMUM REQUIRED DESIGN POINTS COORDINATES AND ELEVATIONS FOR THE FOLLOWING POINTS (MINIMUM) SHALL BE PROVIDED BY THE DESIGNER.

TRANSITION PAY AREA SHALL INCLUDE TRANSITION RAMPS, LOWER LANDING, CURB BORDER AND UPPER LANDINGS WHERE REQUIRED.

DETECTABLE WARNING SHALL BE RED 'CASTIN TACT' WARNING PANELS, OR APPROVED EQUAL

NOTES

SLOPED TRANSITIONS SHALL COMPLY WITH ALL APPLICABLE RULES AND GUIDELINES OF THE AMERICANS WITH DISABILITIES ACT.

SLOPED TRANSITIONS SHALL BE CONSISTENT WITH THE CURRENT PUBLICATION OF FEDERAL GUIDELINES FOR ACCESSIBLE RIGHTS OF WAY.

LONGITUDINAL SLOPES WITHIN THE TRANSITION SHALL NOT EXCEED 1:12 (8.33%).

CROSS SLOPES, OR SLOPES PERPENDICULAR TO THE DIRECTION OF TRAVEL SHALL NOT EXCEED 1:50 (2.0%)

THE LOWER LANDING AREA IS A REQUIRED ELEMENT.

SLOPED TRANSITIONS ARE A REQUIRED ELEMENT AND SHALL:

- A. NOT EXCEED 1:12 (8.3%) LONGITUDINAL SLOPE ALONG THE SHORTEST SIDE UNLESS TRANSITION LENGTH EXCEEDS 15.0'
- B. NOT EXCEED 1:50 (2.0%) SLOPE PERPENDICULAR TO THE TRAVELED DIRECTION.
- C. NOT EXCEED 15.0' IN LENGTH AS MEASURED ALONG THE SHORTEST SIDE. MAXIMUM LONGITUDINAL SLOPE SHALL BE ADJUSTED TO ACCOMMODATE THE LENGTH.
- D. NOT BE LESS THAN 6.0' IN LENGTH.

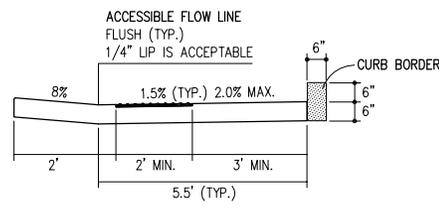
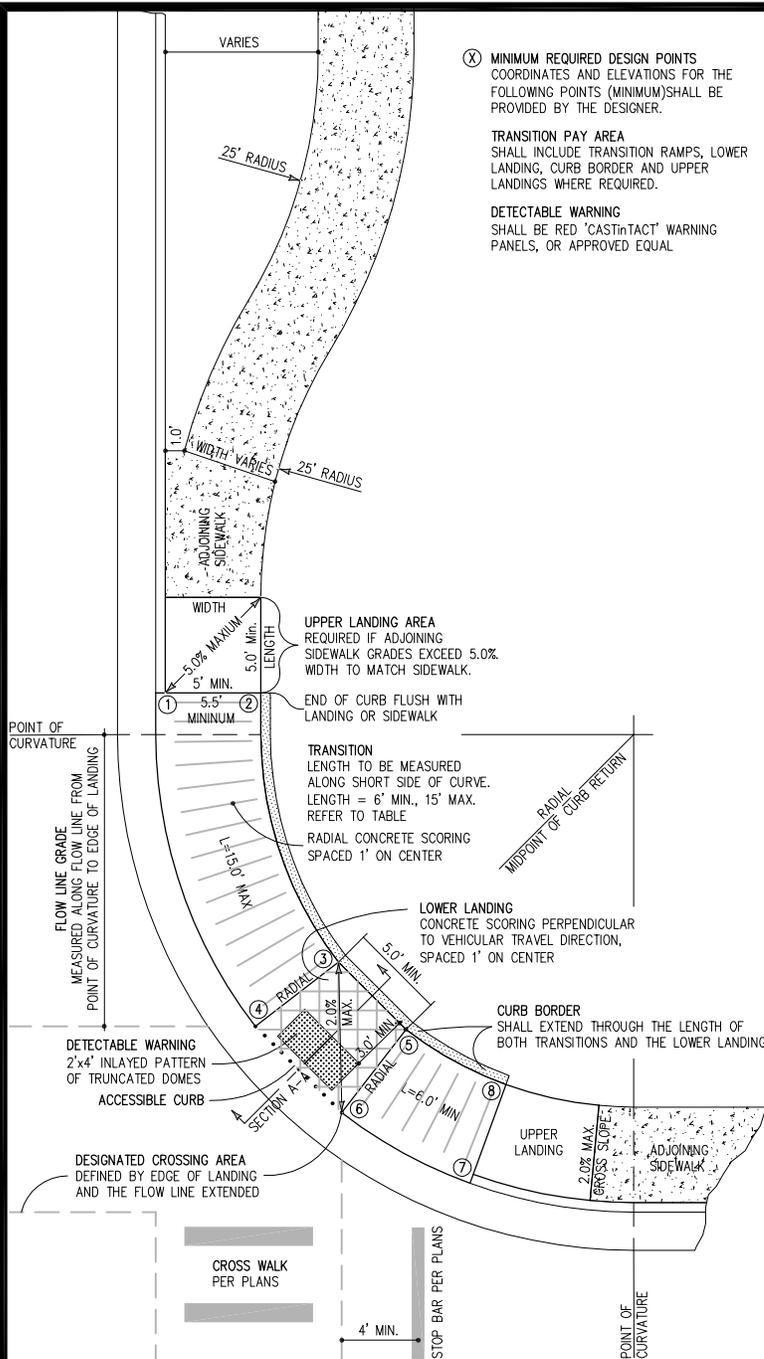
THE UPPER LANDING AREA IS REQUIRED IF:

- A. THE ADJOINING SIDEWALK HAS A LONGITUDINAL GRADE (DIRECTION OF TRAVEL) IN EXCESS OF 1:20 (5.0%). SAID LANDING SHALL NOT EXCEED A 1:20 (5.0%) SLOPE IN ANY DIRECTION.
- B. A CHANGE IN DIRECTION IS REQUIRED TO ENTER OR EXIT THE SLOPED TRANSITION. SAID LANDING SHALL NOT EXCEED 1:50 (2.0%) SLOPE IN ANY DIRECTION.

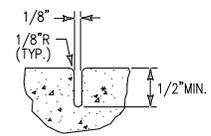
LANDINGS AND SLOPED TRANSITIONS SHALL MATCH THE WIDTH OF THE ADJOINING SIDEWALK, 3.0' MINIMUM.

ALL TOOLED JOINTS WITHIN THE SLOPED TRANSITIONS SHALL RUN PERPENDICULAR TO THE DIRECTION OF TRAVEL.

ALL TOOLED JOINTS WITHIN THE LOWER LANDING AREA SHALL RUN PARALLEL TO AND/OR PERPENDICULAR TO THE DIRECTION OF VEHICULAR TRAVEL WITHIN THE TRAVELED WAY.



SECTION A-A



TOOLED JOINT



CITY OF LONE TREE
Department of Public Works

CURB TRANSITION

SCALE: NTS

DATE: 3/05

DETAIL

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