SAN MATEO COUNTY DEPARTMENT
OF PUBLIC WORKS
REDWOOD CITY
CALIFORNIA

NOTE: SCORE SIDewALK AREA WITH 1/4"
SCORING ON BASIS OF 2.5' SQUARES.

RETAINING CURB IF NECESSARY.
AT EDGE OF SIDEWALK.

12" WIDE BORDER WITH 1/4" GROOVES
APPROX. 3/4" O.C. (SEE GROOVING DTL.)

FACE OF CURB

PLAN

ACCESS RAMP ON CURB RETURN

8.33% Max.

2' Min.

CURB RETURN

Curb Return

8.33% Max.

2' Min.

ACCESS RAMP ON TANGENT
USE WHEN SIDEWALK IS LESS THAN 6' WIDE

24' Min

24' Min

1/2"

45°

GROOVING DETAIL

LIP DETAIL
SEE NOTE 2.

SIDEWALK ACCESS RAMP
FOR SIDEWALKS LESS THAN 6' WIDE
NO SCALE

(SHEET 1 OF 3)

D—4A
SAN MATEO COUNTY DEPARTMENT
OF
PUBLIC WORKS

REDWOOD CITY
CALIFORNIA

DRAWN BY: D.P.
CHECK BY: J.A.L.
APPROVED BY: N.R.C.

SCALE: NONE
DATE: 7/97
REVISED:

PERSPECTIVE
NOT TO SCALE.

SECTION C-C

SECTION D-D

SIDEWALK ACCESS RAMP
FOR SIDEWALKS LESS THAN 6' WIDE

(SHEET 2 OF 3)

D-4B
GENERAL NOTES

1. CURB RAMPS THAT HAVE A RAMP SLOPE FLATTER THAN 6.67% SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH OF THE RAMP AND 24" MINIMUM LENGTH. DETECTABLE WARNING SURFACES, AT THE OPTION OF THE CONTRACTOR, SHALL BE CONSTRUCTED BY CAST-IN-PLACE OR STAMPED METHOD, OR CONSIST OF A PREFABRICATED SURFACE. THE PRE-FABRICATED SURFACE SHALL REQUIRE APPROVAL BY THE ENGINEER.

2. TRANSITIONS FROM RAMPS TO WALKS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. THE BOTTOM OF THE RAMP SHALL HAVE A 1/2" LIP AT 45°.

3. INSTALL SLIP DOWELS 18" O.C. AT EXPANSION JOINTS.

4. MINIMUM WIDTH OF RAMP, NOT INCLUDING RETAINING CURB, SHALL BE 4 FEET.

5. THE SURFACE OF RAMP SHALL HAVE A TRANSVERSE BROomed SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK EXCEPT WHEN LOCATED IN CENTER OF CURB RETURN.

6. BACKFILL MATERIAL TO BE PLACED FLUSH WITH TOP OF CURB.

7. CONSTRUCT MONOLITHIC CURB, GUTTER, AND SIDEWALK.

8. SUB-BASE MATERIAL WITHIN 2.5' OF SUBGRADE SHALL BE COMPACTED TO 95%.

9. RECONSTRUCT SIDEWALK TO NEAREST SCORE LINE AND INSTALL EXPANSION JOINT.

10. UTILITY PULL BOXES, MANHOLES, VAULTS AND ALL OTHER UTILITY FACILITIES WITHIN THE BOUNDARIES OF THE CURB RAMP WILL BE RELOCATED BY OTHERS PRIOR TO, OR IN CONJUNCTION WITH, CURB RAMP CONSTRUCTION.

SIDEWALK ACCESS RAMP FOR SIDEWALKS LESS THAN 6' WIDE
NO SCALE
(SHEET 3 OF 3)

D-4C
SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS
REDWOOD CITY, CALIFORNIA

DRAWN BY: D.P. CHECK BY: J.A.L. APPROVED BY: N.R.C.
SCALE: NONE DATE: 6/95 REVISED: 4/97

NOTE: POLE, HYDRANT, STREET LIGHT, ETC. (IF AUTHORIZED)
NOTE: SCORE SIDEWALK AREA ON BASIS OF 2 1/2" SQUARES

TYPICAL SECTION URBAN CURB, GUTTER AND SIDEWALK


A1-6 CURB

CURB AND GUTTER

NOTES:
1. ALL CONCRETE TO BE CLASS B CONCRETE.
2. MINIMUM SIDEWALK THICKNESS = 4 INCHES PCC.
3. PLACE 1/2" DIAMETER X 18" LONG DOWELS AT EXPANSION JOINTS AS SHOWN.
4. PLACE 1/2" THICK EXPANSION JOINTS FULL WIDTH 20' ON CENTER.
5. CONSTRUCT MONOLITHIC CURB, GUTTER AND SIDEWALK UNLESS OTHERWISE SPECIFICALLY AUTHORIZED BY THE DIRECTOR OF PUBLIC WORKS.
6. SUB-BASE MATERIALS WITHIN 30" OF SUBGRADE SHALL BE COMPACTED TO 95%.

D-3