CURB RAMP DESIGN CONSTRAINTS AND REQUIREMENTS

LOCATION	MIN. SLOPE	MAX. SLOPE	CROSS SLOPE	LENGTH	WIDTH
RAMP	5.50%	7.50%	1% – 1.5%	MAX. 15'	MIN. 4' CALTRANS R.O.W.: MIN. 4' 2"
FLARED SIDE	6% ⊥ TO RAMP	9% ⊥ TO RAMP	N/A	N/A	N/A
FLARED SIDE: WHEN RAMP <4' WIDE AND/OR UPPER LANDING <4' LONG	6% ⊥ TO RAMP	7.5% ⊥ TO RAMP	N/A	N/A	N/A
LANDING AT GUTTER: RAMP ⊥ TO CURB	1% PARALLEL TO PATH OF TRAVEL	4.5% PARALLEL TO PATH OF TRAVEL	1% – 1.5% SEE NOTE G36.	MIN. 2'	MIN. TO BE AS WIDE AS CURB RAMP
LEVEL LANDING AT UPPER END OF RAMP	1% PARALLEL TO PATH OF TRAVEL	1.5% PARALLEL TO PATH OF TRAVEL	1% – 1.5% SEE NOTE G36.	MIN. 4' CALTRANS R.O.W.: MIN. 4' 2"	MIN. TO BE AS WIDE AS CURB RAMP

DESIGN PARAMETERS — RAMP ⊥ TO CURB (A / -)

CONSTRUCTED LIMITS

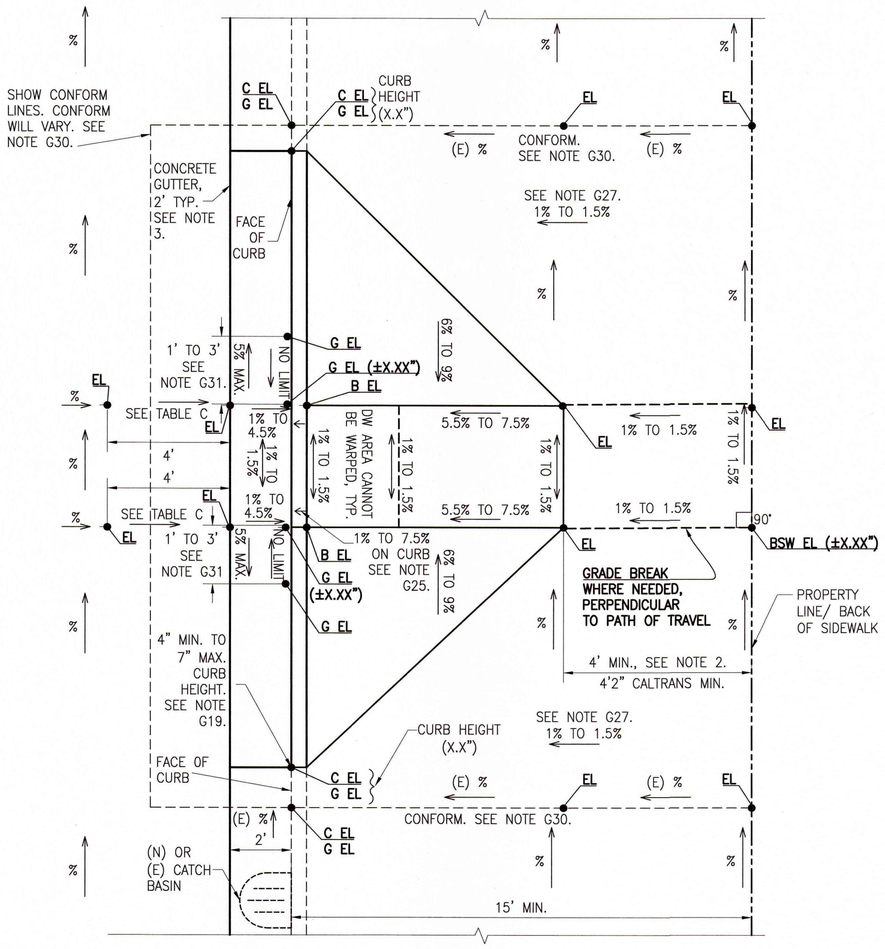
LOCATION	MIN. SLOPE	MAX. SLOPE	CROSS SLOPE
RAMP	5%	8.33%	0.5% – 2%
FLARED SIDE	5.5% ⊥ TO RAMP	10% ⊥ TO RAMP	N/A
FLARED SIDE: WHEN RAMP <4' WIDE AND/OR UPPER LANDING <4' LONG	5.5% ⊥ TO RAMP	8.33% ⊥ TO RAMP	N/A
LANDING AT GUTTER: RAMP ⊥ TO CURB	0.5% PARALLEL TO PATH OF TRAVEL	5% PARALLEL TO PATH OF TRAVEL	0.5% – 2% SEE NOTE G36.
LEVEL LANDING AT UPPER END OF RAMP	0.5% PARALLEL TO PATH OF TRAVEL	2% PARALLEL TO PATH OF TRAVEL	0.5% – 2% SEE NOTE G36.

CONSTRUCTION PARAMETERS — RAMP ⊥ TO CURB (B / -)

ROADWAY SLOPE WITHIN STREET CROSSINGS AND CROSSWALKS MEASURED ⊥ TO PAR

	DESIGN LIMITS	CONSTRUCTION LIMITS
CROSSINGS WITH STOP OR YIELD CONTROL	1.0% MIN. ASPHALT OR CONCRETE	0.5% MIN. ASPHALT OR CONCRETE
	1.5% MAX. ASPHALT OR CONCRETE	2.0% MAX. ASPHALT OR CONCRETE
CROSSINGS WITHOUT STOP OR YIELD CONTROL	1.5% MIN. – ASPHALT 1.0% MIN. – CONCRETE	1.0% MIN. – ASPHALT 0.5% MIN. – CONCRETE
	4.5% MAX. ASPHALT OR CONCRETE	5.0% MAX. ASPHALT OR CONCRETE

PAR CROSSWALK CROSS SLOPES (C / -)



NOTE TO DESIGNERS:
* PROVIDE ALL DIMENSIONS AND ELEVATIONS IN DECIMAL FEET XX.XX' (UON).
* PROVIDE SLOPES IN % (RISE/RUN).
* PROVIDE ARROWS INDICATING DIRECTION OF DRAINAGE FLOW.

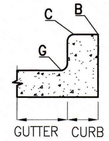
LAYOUT PARAMETERS — PLAN VIEW (D / -)

SHEET NOTES

1. SEE ALL GENERAL NOTES ON SHEET RX–2.
2. LEVEL LANDING AT UPPER END OF RAMP SHALL EXTEND TO BACK OF SIDEWALK.
3. CONCRETE GUTTER SHALL EXTEND 3' MINIMUM LENGTH BEYOND OUTSIDE OF CROSSWALK. CONCRETE GUTTER LENGTH WITHIN CROSSWALK SHALL BE GREATER THAN OR EQUAL TO CROSSWALK WIDTH. EXTEND CONCRETE GUTTER TO CATCH BASIN IF CATCH BASIN IS WITHIN 5' OF CROSSWALK.

LEGEND

C EL
G EL



WHERE B EL = C EL, B IS NOT TYPICALLY INDICATED ON PLANS.

APPROVED: [signature] 1/27/2017
PUBLIC WORKS DISABILITY ACCESS COORDINATOR DATE:
EFFECTIVE DATE: 4/3/2017

NO.	DATE	DESCRIPTION	BY	APP.

TABLE OF REVISIONS

REFERENCE INFORMATION & FILE NO. OF SURVEYS

SAN FRANCISCO PUBLIC WORKS

DESIGN & ENGINEERING
PUBLIC WORKS
CITY & COUNTY OF SAN FRANCISCO
30 VAN NESS AVENUE, 5TH FLOOR
SAN FRANCISCO, CA 94102 - 6028

		Date:
Acting Section Mgr:	DEANNA CALLEROS	1/27/17
Division Mgr:	PATRICK RIVERA	1/27/17
Acting City Engineer:	JOHN THOMAS	1/27/17

DESIGNED:	PUBLIC WORKS	DATE: 01/17
DRAWN:	PUBLIC WORKS	DATE: 01/17
CHECKED:	PUBLIC WORKS	DATE: 01/17

REGISTERED PROFESSIONAL ENGINEER — DEANNA M. CALLEROS — No. C59411 — CIVIL — STATE OF CALIFORNIA — 1/27/17

SCALE: NOT TO SCALE

SHEET OF SHEETS: 4 OF 11

ACCESSIBLE STREET CROSSING STANDARD

STANDARD CURB RAMP LAYOUT PARAMETERS FOR RAMP PERPENDICULAR TO CURB

CONTRACT NO.: NONE
DRAWING NO.: RX–4
FILE NO.: 102,857
REV. NO.: