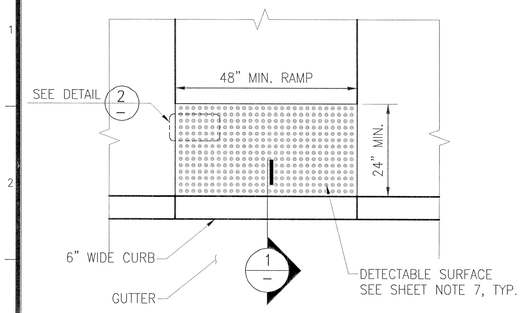
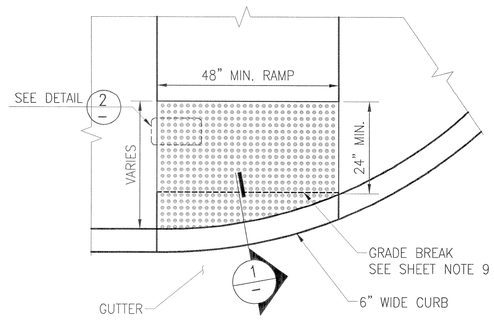
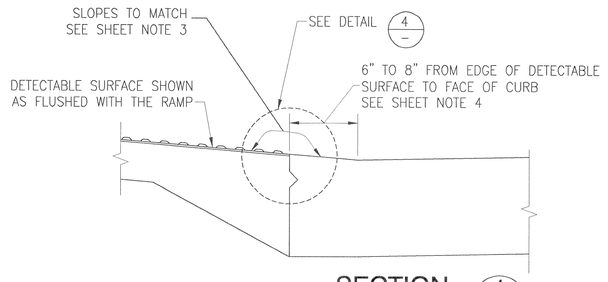


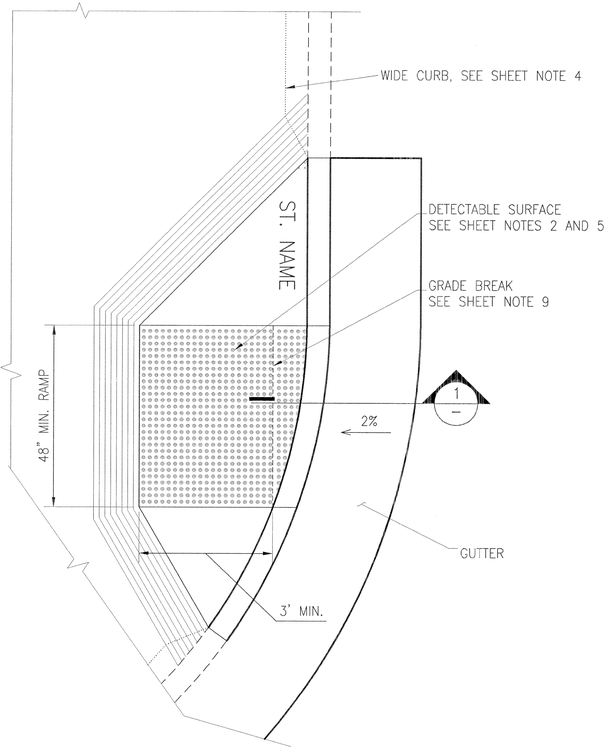
DETECTABLE SURFACE LAYOUT
RAMP ON STRAIGHT EDGE — A / -



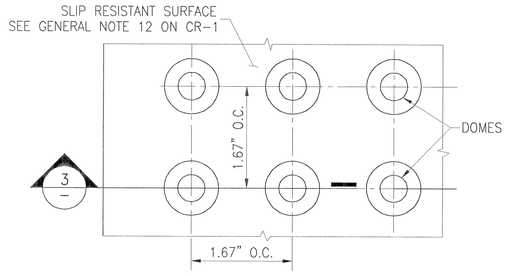
DETECTABLE SURFACE LAYOUT
RAMP ON CURVED EDGE — B / -



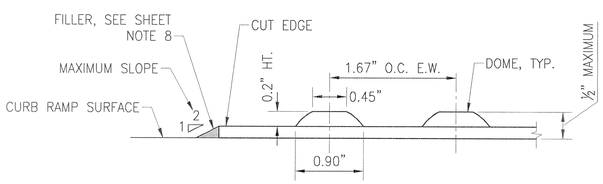
SECTION 1 / -



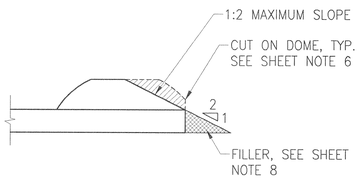
DETECTABLE SURFACE LAYOUT
RAMP SLOPE =< 6.67% — C / -



DETAIL 2 / -



SECTION AT CUT EDGE 3 / -



DETAIL AT CUT DOME 4 / -

SHEET NOTES

1. SEE DRAWING FILE NO. 55,017, STANDARD CURB RAMPS, REV. 3, FOR ALL GENERAL NOTES AND DETAILS THAT APPLY TO THIS DRAWING.

2. THE DETECTABLE SURFACE DOMES SHALL BE ORIENTED SUCH THAT THE ROWS ARE PARALLEL WITH THE DIRECTION OF THE RAMP. WHEN MULTIPLE TILES REGARDLESS OF SIZE ARE USED, THEN THE DETECTABLE SURFACE DOMES SHALL BE ALIGNED BETWEEN THE TILES AND THROUGHOUT THE ENTIRE DETECTABLE SURFACE INSTALLATION.

3. THE SLOPE OF THE CURB PORTION OF THE RAMP SHALL MATCH THE SLOPE OF THE RAMP ITSELF.

4. WHEN THE CURB IS WIDER THAN 8 INCHES, THE CURB WITHIN THE CURB RAMP SHALL BE 8 INCHES MAXIMUM. THE WIDE CURB OUTSIDE SHALL TRANSITION THROUGH THE GROOVED BORDER AS SHOWN ON THE DRAWING.

5. WHEN THE MAXIMUM SLOPE OF THE RAMP IS LESS THAN OR EQUAL TO 6.67% (1:15), A DETECTABLE SURFACE SHALL BE INSTALLED ON THE ENTIRE RAMP PORTION.

6. WHEN A DETECTABLE SURFACE DOME IS CUT, THE REMAINING DOME SHALL BE BEVELED TO A MAXIMUM SLOPE OF 1:2. COLOR MATCH CUT OR GROUND SURFACES WITH COATING IN ACCORDANCE WITH DETECTABLE WARNING MANUFACTURER.

7. THE DETECTABLE SURFACE SHALL HAVE INTEGRAL RESONANT AIR CAVITY FOR SOUND ON CANE DIFFERENTIAL WITH RESPECT TO ADJACENT WALKING SURFACES. DETECTABLE SURFACE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. THE COLOR OF THE DETECTABLE SURFACE SHALL CONFORM TO FEDERAL STANDARD 595B TABLE IV, COLOR #33538. NEW RAMP CONSTRUCTION SHALL BE PROVIDED WITH DPW APPROVED UNITS THAT ARE CAST-IN-PLACE PER MANUFACTURER'S INSTRUCTIONS. RETROFITTED RAMPS SHALL BE PROVIDED WITH DPW APPROVED UNITS THAT ARE ADHERED AND MECHANICALLY FASTENED PER MANUFACTURER'S INSTRUCTIONS.

8. THE EDGE OF THE DETECTABLE SURFACE SHALL HAVE A BEVELED EDGE SLOPED AT 1:2 MAXIMUM. WHEN THE DETECTABLE SURFACE EDGE IS CUT AND THE RESULTING EDGE IS NOT FLUSH WITH THE SURFACE OF THE CURB RAMP, THE EDGE SHALL BE BEVELED OR CONFORMED WITH AN APPROVED FILLER AT 1:2 MAXIMUM SLOPE, IN ACCORDANCE WITH THE APPROVED DETECTABLE SURFACE MANUFACTURER'S REQUIREMENTS.

9. GRADE BREAK ACROSS THE DETECTABLE SURFACE SHALL BE ALLOWED WHEN NECESSARY TO MEET GUTTER ELEVATIONS.

APPROVED: _____ 1/12/04
DPW DISABILITY ACCESS COORDINATOR — DATE:

EFFECTIVE DATE: _____

NO.	DATE	DESCRIPTION	BY	APP.

TABLE OF REVISIONS
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

REFERENCE INFORMATION & FILE NO. OF SURVEYS

BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

REGISTERED PROFESSIONAL ENGINEER — PATRICK G. RIVERA — No. C051131 — Exp. 9-30-05 — CIVIL — STATE OF CALIFORNIA — 1-14-04

DESIGNED: DPW	DATE: 11/02
DRAWN: DPW	DATE: 11/02
CHECKED: DPW	DATE: 11/02

APPROVED

SECTION MANAGER	DATE: 1-14-04
DEPUTY BUREAU MANAGER	DATE: 1/15/04
CITY ENGINEER	DATE: 1/16/04

SCALE: NOT TO SCALE

SHEET OF SHEETS: 2 OF

STANDARD CURB RAMPS

DETECTABLE SURFACE LAYOUT
DETAILS AND NOTES

SPECIFICATION NO.	SPEC NUMBER
DRAWING NO.	CR-2
FILE NO.	55,017.1
REV. NO.	0

Xrefs: SF-SEAL.dwg
Dimension Scale: 10
Model Units: Feet
Measurement Units are English
Plot Time: Mon, 15 Dec 2003 - 5:29pm