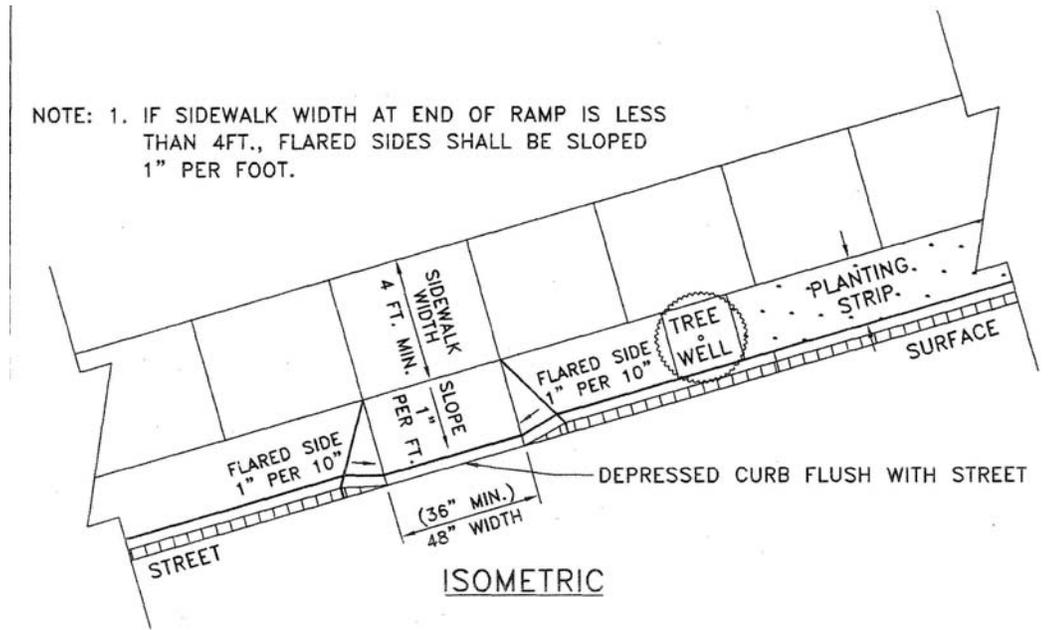


CITY OF EASTON
BUREAU OF ENGINEERING
HANDICAPPED ACCESS RAMP



FEDERAL STANDARDS — SURFACE FINISH

DETECTABLE WARNINGS. A CURB RAMP SHALL HAVE A DETECTABLE WARNING. THE DETECTABLE WARNING SHALL EXTEND THE FULL WIDTH AND DEPTH OF THE CURB RAMP.

DETECTABLE WARNINGS ON WALKING SURFACES. DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN (23MM), A HEIGHT OF NOMINAL 0.2 IN (5MM) AND A CENTER—TO—CENTER SPACING OF NOMINAL 2.35 IN (60MM) AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT—ON—DARK, OR DARK—ON—LIGHT.

THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. CURB RAMP MUST MEET THE SPECIFICATIONS OF THE ADAAG OR UFAS, KEEP IN MIND THAT REMOVING A BARRIER FOR ONE TYPE OF DISABILITY MAY CREATE A BARRIER FOR ANOTHER.

FOR EXAMPLE, A SLOPE TO A STREET REMOVES A BARRIER FOR A PERSON USING A WHEELCHAIR, BUT IT PRESENTS A POTENTIALLY DANGEROUS SITUATION FOR A BLIND PERSON WHO USES A CANE AS A GUIDE. WITHOUT CHANGING THE SURFACE OF THE CURB RAMP TO DISTINGUISH IT FROM THE SIDEWALK, A VISUALLY IMPAIRED PERSON USING A CANE MAY NOT REALIZE THAT HE OR SHE HAS REACHED THE CURB AND COULD CONTINUE TO WALK INTO THE STREET AND, PERHAPS, ONCOMING TRAFFIC. A POSSIBLE SOLUTION WOULD BE TO CUT NARROW GROOVES IN THE RAMP SURFACE TO DISTINGUISH IT FROM THE SMOOTH SIDEWALK.

RESEARCH HAS DETERMINED THAT OTHER DESIGNS USED IN PLACE OF TRUNCATED DOMES, SUCH AS GROOVES, STRIATIONS AND EXPOSED AGGREGATE WERE NOT DETECTABLE IN THE SIDEWALK ENVIRONMENT BECAUSE OF SIMILARITIES TO OTHER SURFACE TEXTURES AND DEFECTS.

**CITY OF EASTON -
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HANDICAPPED ACCESS RAMP CORNER**

