

NOTES:

12. MANUFACTURER(S) WARRANTY ON TRUNCATED DOMES:

MANUFACTURER(S) SHALL PROVIDE A WRITTEN 5-YEAR WARRANTY FOR PREFABRICATED DETECTABLE WARNING SURFACES, GUARANTEEING REPLACEMENT WHEN THERE IS DEFECT IN THE DOME SHAPE, COLOR FASTNESS, SOUND-ON-CANE ACOUSTIC QUALITY, RESILIENCE, OR ATTACHMENT. WARRANTY PERIOD SHALL BEGIN UPON ACCEPTANCE OF WORK.

13. TRUNCATED DOMES SPECIFICATIONS:

- A. PLASTIC TILES SHALL BE "ARMOR TILE" AS MANUFACTURED BY ENGINEERED PLASTICS INC., OR APPROVED EQUAL, TEL: (800) 682-2525. TILES SHALL BE A SINGLE TILE, 36" x 48" NOMINAL, MANUFACTURED OF AN EPOXY POLYMER COMPOSITE WITH AN ULTRAVIOLET STABILIZED, COLORFAST COATING EMPLOYING ALUMINUM OXIDE PARTICLES IN THE TRUNCATED CONES.
- B. COLOR SHALL BE DARK GRAY (FEDERAL COLOR #36118).
- C. THE TILE SHALL INCORPORATE AN IN-LINE PATTERN OF TRUNCATED DOMES; .20" IN HEIGHT, .90" DIAMETER AT THE BASE, AND .40" DIAMETER AT THE TOP OF DOME, SPACED 2.35" NOMINAL AS MEASURED ON A DIAGONAL AND 1.70" NOMINAL AS MEASURED SIDE BY SIDE; ROWS SHALL BE ORIENTED PARALLEL WITH RAMP DIRECTION; DOMES SHALL BE ALIGNED THROUGHOUT ENTIRE DETECTABLE SURFACE AREA.
- D. THE FIELD AREA SHALL CONSIST OF A NON-SLIP SURFACE WITH A MIN. OF 40-90 RAISED POINTS .045" HIGH, PER SQUARE INCH.
- E. THE TILE SHALL BE MANUFACTURED WITH EMBEDMENT FLANGES, 3" CENTER TO CENTER, 1" MIN. DEPTH WITH 5/16" DIAMETER HOLES, 3 HOLES MIN. PER FLANGE. WHERE TILES ARE CUT, SEALANT SHALL BE WORKED UNDER THE TILE ALONG PERIMETER WHEREVER THE EMBEDMENT FLANGE IS REMOVED.

14. SURFACE APPLICATION ON TRUNCATED DOMES:

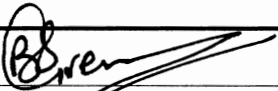
- A. UPON APPROVAL FROM THE CITY ENGINEER, RETROFIT AND UNIQUE CIRCUMSTANCES MAY APPLY TO SURFACE APPLICATION ON TRUNCATED DOMES.
- B. SURFACE APPLIED DETECTABLE TILES SHALL BE "ARMOR TILE" MANUFACTURED WITHOUT EMBEDMENT FLANGES AND THE EDGES SHALL BE BEVELED, SLOPED AT 1:2 MAX. WHEN THE DETECTABLE SURFACE EDGE AND/OR DOME IS CUT AND THE RESULTING EDGE IS NOT FLUSH WITH THE SURFACE OF THE RAMP, THE EDGE SHALL BE BEVELED OR CONFORMED WITH PERIMETER SEALANT AT 1:2 MAX. SLOPE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
- C. ADHESIVE: URETHANE ELECTROMETRIC ADHESIVE BY SKA CORP., UNIROYAL, MAPEI, BOSTIK, OR APPROVED EQUAL.
- D. FASTENERS: COLOR MATCHED, CORROSION RESISTANT, FLAT HEAD DRIVE ANCHOR: 1/4" DIAMETER x 3/4" LONG, 12" CENTER TO CENTER BOTH DIRECTIONS MIN. ARMOR-DRIVE BY ENGINEERED PLASTICS OR APPROVED EQUAL.
- E. PERIMETER SEALANT: EPOXY TWO COMPONENT SEALANT BY POWERS, SIMPSON, HILTI OR APPROVED EQUAL. ALUMINUM GRAY COLOR.



**PUBLIC WORKS
DEPARTMENT**



HANDICAP RAMP NOTES-2


BALWINDER S. GREWAL CITY ENGINEER

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