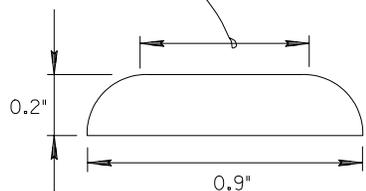
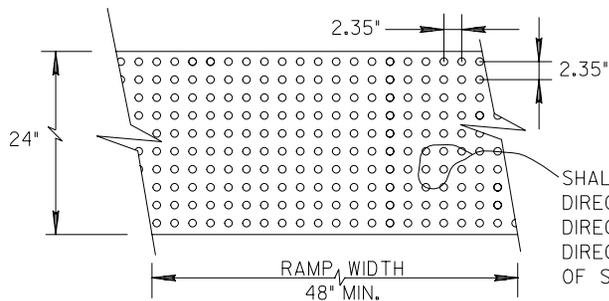


SECTION A - A

THE TOP DIA. OF THE TRUNCATED DOMES SHALL BE 50% TO 65% OF THE BASE DIA.



ELEVATION



PLAN VIEW

DOMES DETECTABLE WARNING

NOTES

1. ALL RAMPS SHALL BE DIRECTIONAL TYPE RAMPS, PER C.O.T. DETAILS AND AS SHOWN ON PLANS.
2. DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES MANUFACTURED BY "COTE-L INDUSTRIES, INC.". CALLED "SAFTI-TRAX", WITH POLYURETHANE COATING "DURABAK". ALTERNATIVE PRODUCT THE TOPMARK PREFORMED THERMOPLASTIC BY FLINT TRADING INC.. OR APPROVED EQUAL. APPLY ON SMOOTH (NON-GROOVED) CLEAN CONCRETE RAMP PER THE DETAILS IN THE PLANS AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
3. ALL DETECTABLE WARNING AREAS SHALL START AT BACK OF CURB, BE 24 INCHES IN DEPTH AND COVER THE COMPLETE WIDTH OF THE RAMP AREA (48 INCHES MIN.).
4. VISUAL CONTRAST SHALL BE OBTAINED BY COLOR, (SAFETY YELLOW). THE COLOR SHALL BE AN INTEGRAL PART OF THE DETECTABLE WARNING MATERIAL.
5. THE SMOOTH AND CLEAN CONCRETE UNDER DETECTABLE WARNING DEVICE AREA SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB RAMP. THE COST OF FURNISHING AND INSTALLING THE DETECTABLE WARNING DEVICE SHALL BE INCLUDED SEPARATELY AS "DETECTABLE WARNING DEVICE" PER SQUARE FOOT.
6. SAFETY-TRAX DETECTABLE WARNING SURFACE:
APPLY A COATING OF "DURABAK" SAFETY YELLOW SLIP-RESISTANT POLYURETHANE COATING TO THE SMOOTH, CLEAN CONCRETE SURFACE. ON TOP OF THE POLYURETHANE COATING APPLY TRUNCATED DOMES FROM A "SAFTY-TRAX" CONTACT SHEET. ON TOP OF THE TRUNCATED DOMES AND INITIAL POLYURETHANE COATING PLACE THREE ADDITIONAL COATS OF "DURABAK" SAFETY YELLOW POLYURETHANE COATING.
7. TOPMARK PREFORMED THERMOPLASTIC DETECTABLE WARNING SURFACE:
APPLY A COATING OF TOPMARK SEALER TO THE SMOOTH CLEAN CONCRETE SURFACE. PLACE SHEETS OF ADHESIVE MATERIAL AND HEAT SHEETS UNTIL MOLTEN. PLACE TRUNCATED DOME SHEET ON MOLTEN ADHESIVE. COVER TRUNCATED DOME SHEET WITH PERFORATED ROLLING SHEET AND ROLL. REMOVE PERFORATED SHEET AND ROLL EDGES.

SHALL BE A SQUARE GRID, EQUAL IN BOTH DIRECTIONS. DOMES SHALL BE ALIGNED IN THE DIRECTION OF PEDESTRIAN TRAVEL AND DIRECTED TOWARD RAMP ON OPPOSITE SIDE OF STREET.

APPROVED: _____ DATE _____
DEPUTY PUBLIC WORKS MANAGER
CITY ENGINEER



CITY OF TEMPE
PUBLIC WORKS DEPARTMENT

DETECTABLE WARNING

DETAIL T-329
REVISED 2007