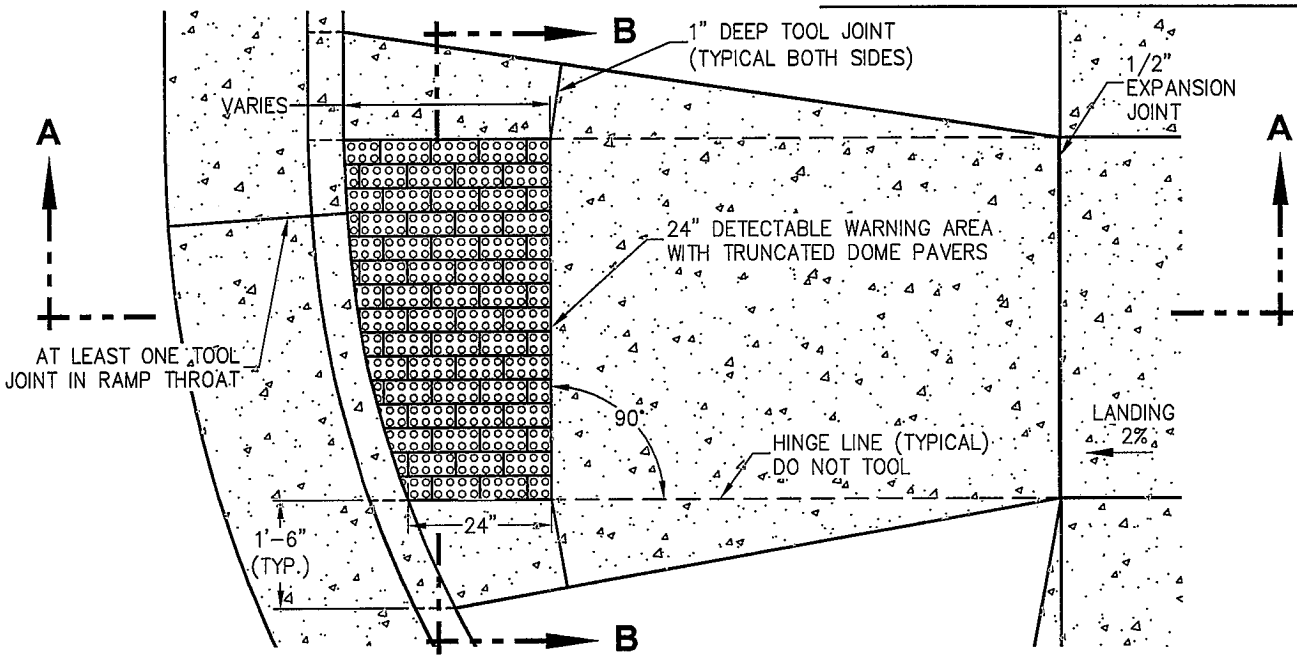
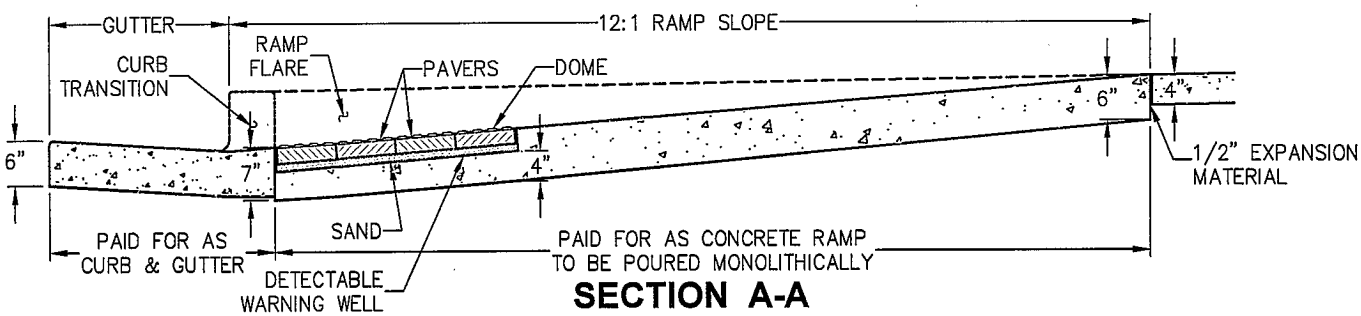
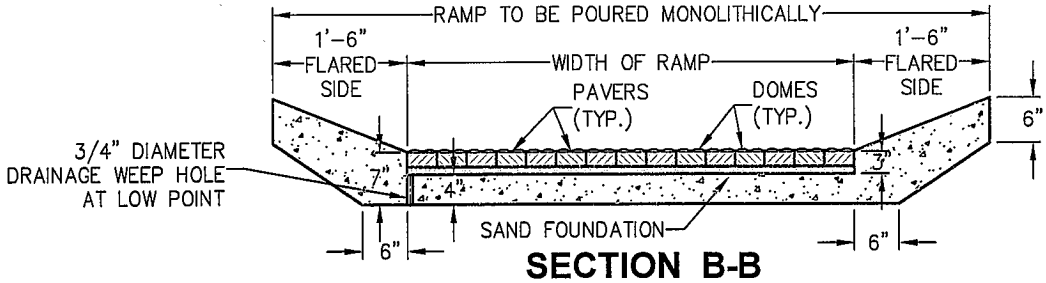
STANDARD PEDESTRIAN RAMP



RAMP WITH DETECTABLE PAVERS



SECTION A-A



SECTION B-B

NOTES

1. Detectable warning pavers shall be prefabricated reddish integrally colored truncated domes surfaced concrete or masonry pavers. Pavers shall meet the requirements of ASTM C 902 or ASTM C 936 and comply with ADA requirements.
2. Prior to start of work, Contractor shall submit, to City Engineering for approval, a sample paver and documentation from the manufacturer. Pavers surface shall have a minimum of 70% light reflectivity contrast with the adjoining surface.
3. Well for pavers shall be accurately blocked out to ensure proper depth, alignment, and uniform grade. Only full width pavers shall be used to obtain specified ramp throat width.
4. Pavers shall be placed in the running pattern shown, domes placed in a square grid and aligned in the direction of travel. Pavers shall be installed so that the bases of the truncated domes are at the same elevation as the adjoining ramp surface.
5. Sand for bedding material shall conform to ASTM C 33. Sand to be placed between joints shall conform to ASTM C 144.
6. Bedding sand shall be screed to the appropriate depth ahead of the pavers installation. A plate vibrator shall be used to embed the pavers into the sand. Any pavers that are damaged during transport or installation will be rejected and shall be replaced at the Contractor's expense.
7. When cut pavers are required, cut sections shall not significantly impact overall truncated domes pattern and cut domes shall be beveled at a 45-degree angle to create a smooth transition.
8. Joint spacing shall be in accordance with the manufacturer's recommendations, but shall not be more than 1/8". Joints shall be filled completely with joint sand. Excess sand shall be removed by sweeping.

CITY OF COLORADO SPRINGS

PEDESTRIAN RAMP DETAILS FOR DETECTABLE PAVERS

Approved By: City Engineer

Drawn By: J.Niño Date: Jan.,2005 STD. D-88