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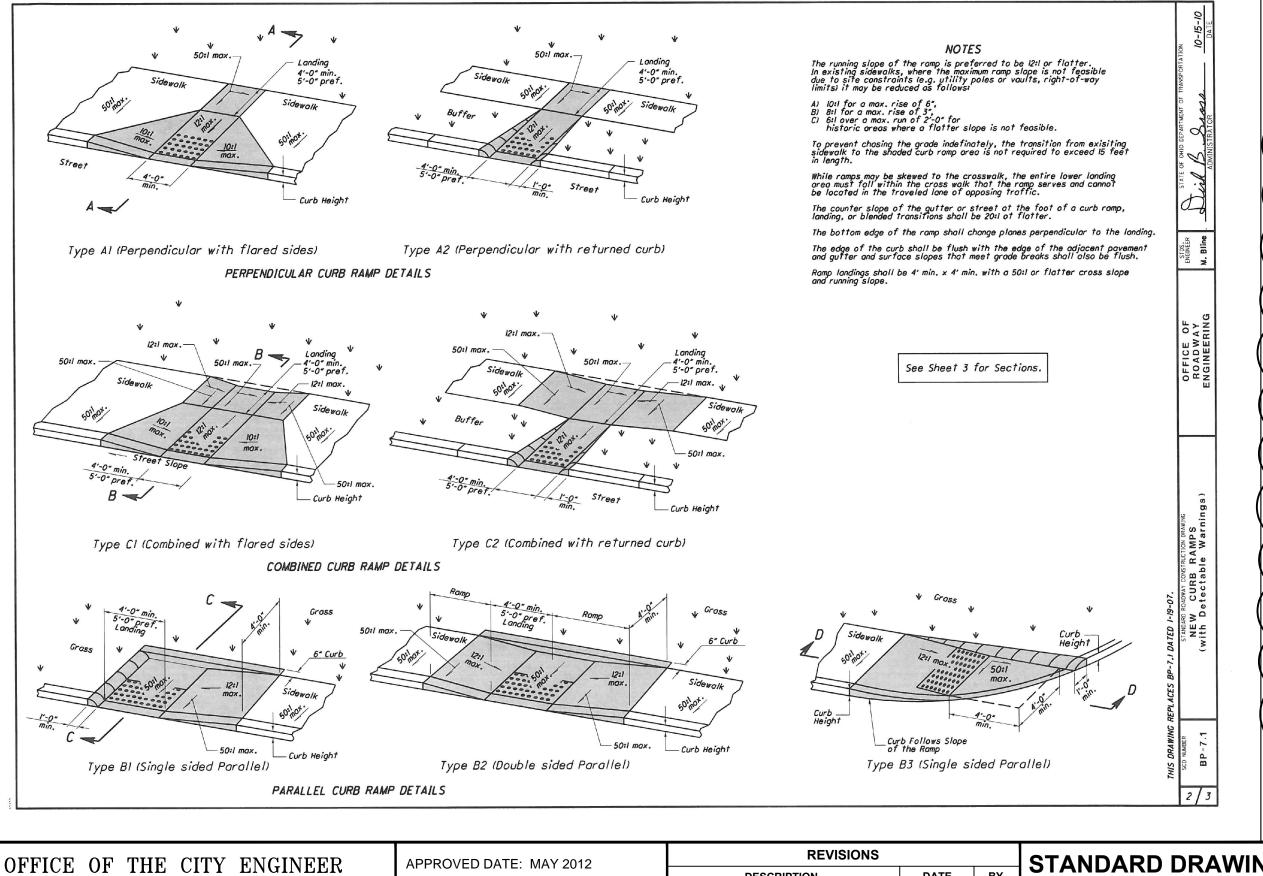
DANIEL J. MOEGLIN, P.E., CITY ENGINEER 2436 30th St. NE 44705 : 330-489-3381 : www.cantonohio.gov/engineering

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STANDARD DRAWING NO. 33

WHEEL CHAIR RAMP

SHEET 1 OF 4



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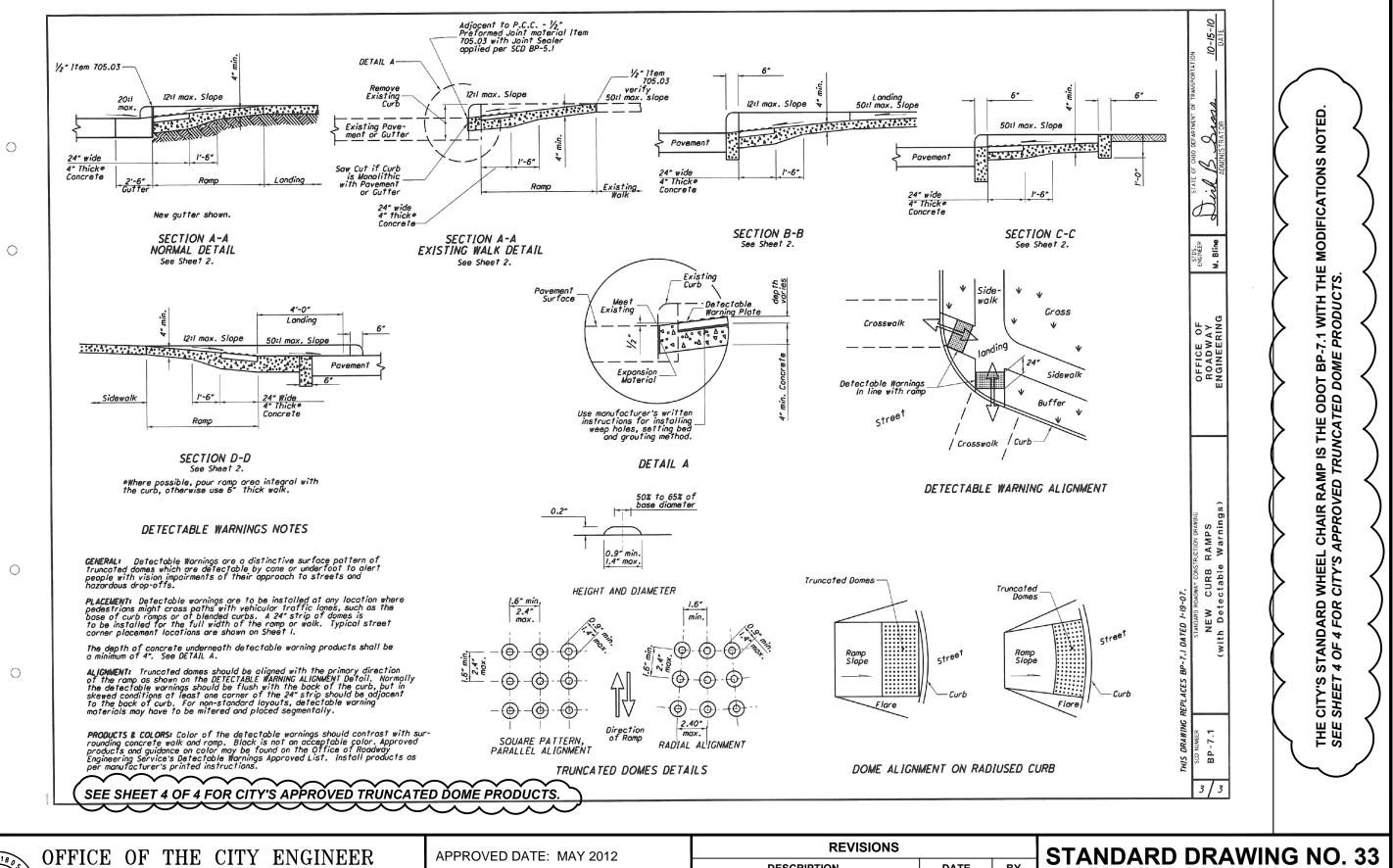
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SHEET 2 OF 4



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WHEEL CHAIR RAMP

SHEET 3 OF 4

DETECTABLE WARNING DOMES

PANELS, WET SET

REPLACEABLE TRUNCATED DOME PANELS SET IN WET CONCRETE MUST BE USED IN RAMPS WITHININ THE CITY OF CANTON, UNLESS APPROVED OTHERWISED BY THE CITY ENGINEER.

Acceptable manufacturers and prducts are:

- Armorcast Products Company North Hollywood, CA 818-982-3800
 Armorcast Detectable Warning Panels (Wet Set Panels) 24"x24", 24"x36", 24"x48"; also 6'-15' Radius Polymer Concrete, Red Brick color
- ADA Solutions, Inc.
 N. Billerica, MA 01862
 Cast-in-Place Replaceable Tactile (Wet Set)
 2'x3', 2'x4', 2'x5', and 2' w/radius
 Glass and Carbon Composite, Brick Red color

OR APPROVED EQUAL

BRICK PAVERS

TRUNCATED DOME BRICK PAVERS ARE ONLY TO BE USED/INSTALLED AT THE DISCRETION OR APPROVAL OF THE CITY ENGINEER.

Brick Pavers will meet ASTM C 902 Class SX, Type 1, or C 936, or C 1272 Type R.
Acceptable manufacturers and products are:

- Whitacre-Greer Fireproofing Company,
 1400 S. Mahoning Ave, Alliance, OH, 44601, (800) WG PAVER
 ADA Paver, 4"x8"x2-1/4", Clear Red (Rustic) #30.
- The Belden Brick Company PO Box 20910, Canton, OH 44701 330-456-0031 City Line ADA Paver, Regimental Red 2-1/4"x4"x8" or 2-1/4"x8"x8"

OR APPROVED EQUAL.

Pavers will be laid on top of a 4" unreinforced concrete base. Setting bed to be mortared in accordance with manufacturer's instruction, or with a maximum 1/2" thick bed of latex modified cement mortar. SWEEP POLYMERIC SAND (TECHNI SEAL OR APPROVED EQUAL) INTO JOINTS. Joint width must not exceed 1/8" or be less than 1/16" wide.

Pavers shall be laid such that joints are level with adjoining joints so as to provide a smooth transition from brick to brick and brick to concrete surface.

The surface of any two adjacent units should not differ by more than 1/8" [3] in height. Bricks shall be placed in a running bond pattern. Face of all brick shall be clean of cement and protected so as to avoid chipping during constructionn.

ADHESIVE MATS

REPLACEABLE TRUNCATED DOME MATS THAT SET ON CONCRETE RAMPS BY ADHESIVE WILL ONLY BE CONSIDERED IN THE EVENT AN EXISTING WHEEL CHAIR RAMP NEEDS DETECTABLE WARNING DOMES INSTALLED AND THE RAMP REQUIRES NO OTHER MODIFICATIONS. USE OR INSTALLATION OF ADHESIVE MATS IS SUBJECT TO THE CITY ENGINEER'S DISCRETION OR APPROVAL.

Acceptable manufacturers and prducts are:

 Submit product specification, color and sample for review/approval by the City Engineer

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SHEET 4 OF 4