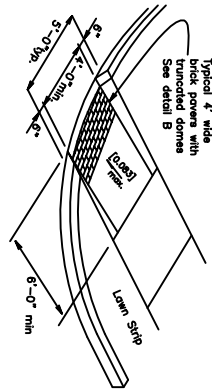
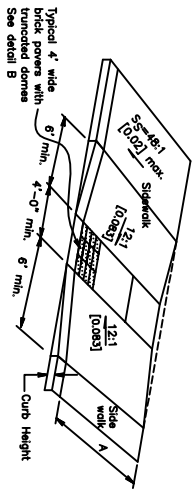


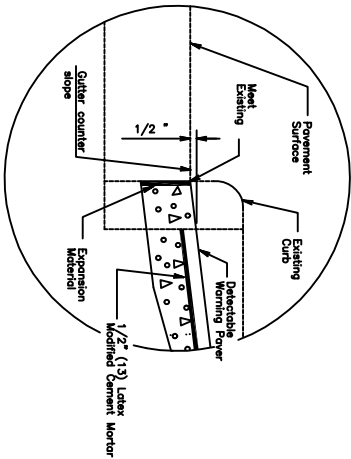
CURB RAMP TYPE A



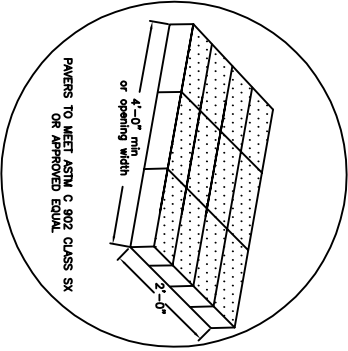
CURB RAMP TYPE B



CURB RAMP TYPE C



DETAIL A



DETAIL B

LEGEND

- 1) The engineer may permit no less than 3'-0" in existing sidewalks if the landing is unconstrained along the back edge.
- 2) Where landing width has been reduced to 3'-0" the finished side shall have a maximum slope of 12:1 [0.083].
- 3) The max. slope of the ramp toward the curb is 12:1 [0.083] as related to the horizontal, but the, relative to the existing or proposed walk slopes.
  - A) 10:1 [0.10] for a max. rise of 6"
  - B) 8:1 [0.125] for a max. rise of 5'-0"
  - C) 6:1 [0.167] for a max. rise of 4'-0"
- 4) The minimum height of a Type A or B ramp is 6" from the back of a 6" curb and may be increased where feasible to obtain a higher ramp slope or to better blend with the walk configuration.
- 5) Outer counter slopes at the foot of perpendicular curb corners shall be 20:1 [0.05] over a distance of 2'-0" from the curb.

NOTES

**SURFACE TEXTURE:** Texture of concrete surfaces shall be obtained by coarse brooming transverse to the ramp slopes and shall be rougher than the adjacent work.

**TRUNCATED DOMES:** Initial detectable warnings (truncated domes) for a distance of 24" from the back of curb for the entire width of the ramp opening.

Pavers will meet ASTM C 902 Class SX, Type 1, or C 930, or C 1272 Type R.

ACCEPTABLE MANUFACTURERS AND PRODUCTS ARE AS FOLLOWS:

- 1) **Whitaker-Greer Fireproofing Company**  
1400 South Main Street  
Aurora, OH 44201  
1420 South Main Street  
Aurora, OH 44201  
ADA Paver, 4"x6"x2"-1/4" Clear Red, Rustic, #30
- 2) **Honover Architectural Products**  
240 Bender Road  
Honover, PA 02031  
Detectable Warning Power, 12"x12"x2" or 24"x24"x2", Red or Quarry Red  
P.O. Box NE 69352  
(402) 728-5804  
Handicap Detectable Warning Power, 4"x6"x2"-1/4", Red Blends
- 3) **Epicent Clay Products**  
P.O. Box NE 69352  
(402) 728-5804  
Handicap Detectable Warning Power, 4"x6"x2"-1/4", Red Blends

Pavers will be laid on top of a 4" unreinforced concrete base. Setting bed and joints to be mortared in accordance with manufacturer's instruction. Mortar shall be 1 part cement, 2 parts sand and 3 parts aggregate. Joints to a width not greater than 5/16" and not less than 1/16" or pavers shall not be directly touching each other unless they have spacing bars.

Mortared joints are to be filled with top surface and struck so as to give joints a smooth finish. Mortar shall be applied to the back of the paver and 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 1/16" in height. The surface of any two adjacent units should not differ by more than 1/16" in width. The surface of any two adjacent units should not differ by more than 1/16" in thickness of cement and provided so as to avoid chipping during construction.

**EXPANSION JOINTS:** shall be provided in the curb ramp as extensions of walk paving joint construction. In the case of a new concrete walk paving, expansion joints shall be provided in the curb ramp as extensions of the ramp edge and slope changes and are not necessarily joint lines.

**RELIEF JOINTS:** must be provided at all points of continuous slope changes in Curb Types A and Type C.

**PAVEMENT:** Item 608, CURB RAMP EACH, shall include the cost of furnishing and installing all materials (including truncated domes), grading, forming and finishing of the curb ramp and removal of any existing material to perform such work.