

SECTION 616—END SECTIONS AND SLOPE PIPE FITTINGS

616.1 DESCRIPTION—This work is construction of end sections and slope pipe fittings.

616.2 MATERIAL—Manufactured or fabricated as specified in applicable portions of [Section 601](#), as shown on the [Standard Drawings](#), and as follows:

(a) **Concrete End Sections.** [Section 601.2\(a\)3](#) except as follows:

Provide reinforcement per meter (linear foot) of end section, equal to the minimum steel requirements for circular reinforcement in a Type A Standard Installation Concrete Pipe having the internal diameter of the end section portion, withstanding a fill height greater than or equal to 900 mm (36 inches) and less than 2100 mm (82 inches).

(b) **Steel End Sections, Metallic Coated.** [Section 601.2\(a\)4.b](#)

(c) **Aluminum Alloy End Sections.** [Section 601.2\(a\)4.c](#)

(d) **Steel Slope Pipe Fittings.** Fabricated from sheet steel of the thickness indicated, as specified in [Section 601.2\(a\)4.b](#) for steel sheets, except that minor variations may be acceptable to allow use of the manufacturer's standard methods of fabrication.

(e) **Coarse Aggregate.** [Section 703.2](#)

616.3 CONSTRUCTION—Install end sections as specified in the applicable requirements of [Section 601.3](#) and as indicated.

Install slope pipe fittings as shown on the [Standard Drawings](#).

616.4 MEASUREMENT AND PAYMENT—

(a) **End Sections.** Each

The price includes excavation and all backfill as indicated.

(b) **Slope Pipe Fittings.** Each

The price includes excavation and all backfill as indicated.