REMOVABLE PIPE BOLLARD FOR FLUMES GREATER THAN 8' WIDE. PLACE AT THE RIGHT-OF-WAY LINE.

MONOGLITHIC CURB

CLASS C, 5 1/2 SACK, 3600 PSI CONCRETE

NO. 4 REBAR ON 18" CENTERS EACH WAY

SECTION A – A

NOTES:
1. FLUME NEEDS TO BE FLARED AT ENTRANCE ONLY FOR HYDRAULIC PURPOSES.
2. BOLLARDS SHALL BE FILLED WITH CONCRETE AND SET IN 18" DIAMETER CONCRETE FOOTING A MINIMUM OF 3' BELOW THE FLUME FLOW LINE. BOLLARD SHALL BE 4' HIGH ABOVE THE FLUME FLOW LINE.

CONCRETE FLUME

ANTS

6'

10%

NO. 4 REBAR ON 18" CENTERS EACH WAY

CURBS MAY BE OMITTED AND USE THE VALLEY SECTION WHEN OVERFLOW IS 10 CFS OR LESS OR WHEN FLOW CAN BE CONTAINED WITHIN THE CONCRETE SECTION.

SECTION A – A

ALTERNATE

ANTS

FLUME WITH SIDEWALK CROSSING

ANTS

REV: 7/25/2017