Flow

10'-0" (3.05 m) max.
4'-0" (1.22 m) min.

No. 5 (No. 16) bars at 7 (175) cts. (all sides).
Over 8'-0" (2.44 m) to 10'-0" use No. 5 (No. 16) bars at 8 (200) cts. (all sides).
For 4'-0" (1.22 m) to 8'-0" (2.44 m) use 12 (300) cts. (all sides)

Steps at 12-16 (300-400) cts.

Exposed edges shall be beveled 45 degrees unless otherwise shown.

See Standard 602701 for details of steps.

The reinforcement shown in the front elevation of the Type 5 is typical for both elevations of all types.

For locations & elevations see plans.

All dimensions are in inches (millimeters) unless otherwise shown.

DRAINAGE STRUCTURES
TYPES 4 & 5

GENERAL NOTES

These structures are for use with concrete barrier, double face. 44 (1120) height (Standard 637006).

See Standard 602701 for details of steps.

Exposed edges shall be beveled 45 degrees (19).

All dimensions are in inches (millimeters) unless otherwise shown.

DATE
REVISIONS
1-1-17
Revised openings to fit to fit

1-1-19
Revised concrete median barrier.

Types 4 and 5 in fit with 44 (1120)
height, constant slope barrier.

STANDARD 602106-03

(Sheet 1 of 2)
REINFORCED LID - TYPE 4 & 5

9 - 1 bars bottom Type 5 lid
9 - 11 bars bottom Type 4 lid
at 4" (100) cts.

5 - 5 bars at
4" (100) cts. (typ.)

No. 4 (No. 13) Bar h
No. 3 (No. 10) Bar s
No. 5 (No. 16) Bar t
No. 6 (No. 19) Bar t