



NOTES

GENERAL: CB-9 is intended to only be used with mountable combination curb and gutter Type II.

GRATE AND FRAME: Provide a design essentially the same and equally strong as the one shown. Minimum weight:

Frame 210 lbs.
Grate 150 lbs.

or meet the requirements of CMS 711.14.

Provide grates with directional openings. For Flow to the right, provide frame and grate Neenah 3501-TR or EJ Frame 7495 with M1 grate or approved equal. For Flow to the left (shown), provide frame and grate Neenah 3501-TL or EJ Frame 7495 with M2 grate or approved equal. For sump locations, provide EJ Frame 7495 with M4 grate or approved equal.

Cast the following text into the top of the grate:

"DUMP NO WASTE" and "DRAINS TO WATERWAYS"

Print text in bold, capital letters at least 1/2" high. "WATERWAYS" may be substituted with "STREAM", "RIVER", "LAKE", etc. Actual placement and logo may vary by manufacturer.

BEARING AREAS: *Fit and finish the frame and grate to provide a firm and even seat for all portions of the grate in the frame without rocking. Fit, match and mark frame and grate before delivery to the project.*

WALLS: Provide precast walls at least 6" thick with sufficient reinforcement to permit shipping and handling without damage. Construct cast-in-place walls with a nominal thickness of 8". Maintain internal basin dimensions.

CONCRETE: Meet the requirements of CMS 706.13 for precast concrete and mark with the catch basin number. Provide Class QC1 concrete for cast-in-place basins.

MINIMUM DEPTH: The minimum depth is the outside diameter (O.D.) of the outlet pipe plus 15".

OPENINGS: Ensure pipe openings are the O.D. of the pipe being supplied plus 2" when fabricated or field cut. Fill any voids per CMS 611.

STEPS: Provide steps where depth exceeds 6'. Meet the requirements of **SCD MH-1**.

DOWELS: Furnish 1"x18" dowels. See SCD BP-2.2 for dowel details.

BLOCKOUT: Blockout the combination curb and gutter for the catch basin. Provide Class CQI concrete with a 1" expansion joint. Match the existing flow line slope of the combination curb and gutter. The price is included in the bid price of combination curb and gutter Type II with no deduction made in the quantity because of the castings.

PAYMENT: All materials and labor, including excavation and backfilling, are paid for under **Item 611 - Catch Basin, No. 9.**