



GRATING The design shall comply with DCED-S139. Minimum weight: 120 pounds. Cast-in-place walls shall have a nominal thickness of 8". Precast walls shall have a minimum thickness of 6" and be reinforced sufficiently to permit shipping & handling without damage. Materials other than concrete may only be used with prior written approval of the County Engineer. Wall thickness shall be 8" nominal and plastered on the outside with 1/2" coat of lime cement mortar.

CONCRETE shall be Class C. All precast concrete shall meet the requirements of 706.13 and be marked with the catch basin number.

REINFORCING in the top to be #4 epoxy-coated bars 6" c/c. For CB 5x5, use 16 bars as shown in detail.

OPENINGS for pipes shall be O.D. +2" when prefabricated or field cut.

LOCATION and elevation when given on the plans is top center of the grate. When side openings are provided, elevation shall be the flow line of the side inlet.

SIDE INLETS shall be provided only when specified on the plans. In no case shall window opening exceed 8" in height.

STEPS shall be provided on all CB 5x5 structures and shall meet the requirements of DCED-S119.

OUTLET PIPE SIZE of CB 5x5 shall be 42" min. to 48" max.

BEDDING shall conform to Item 901.

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