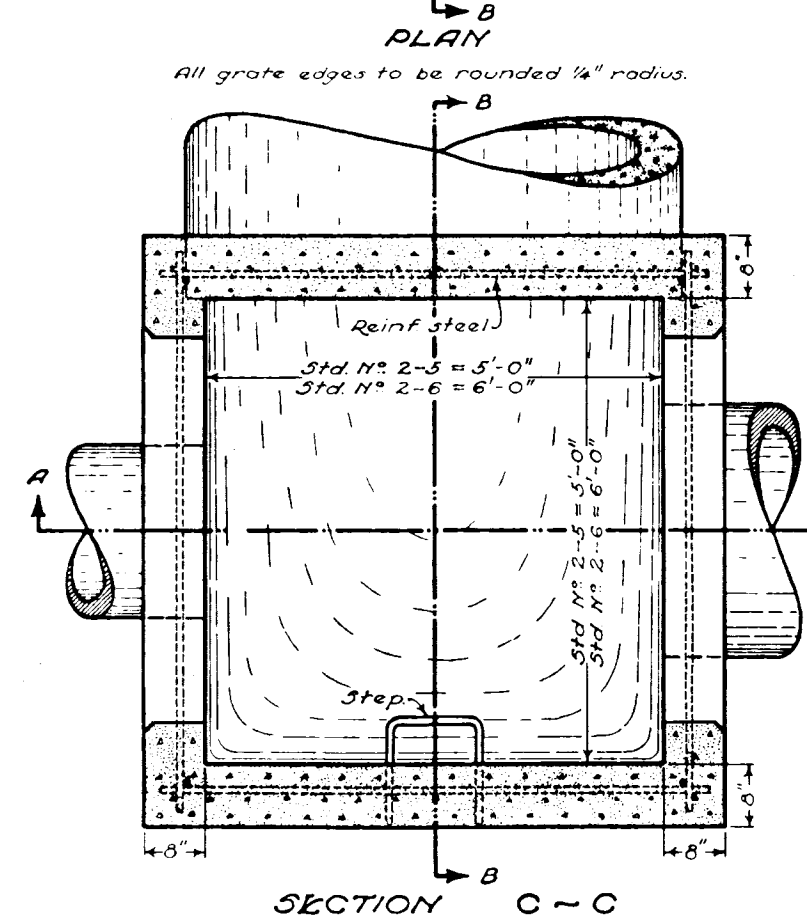
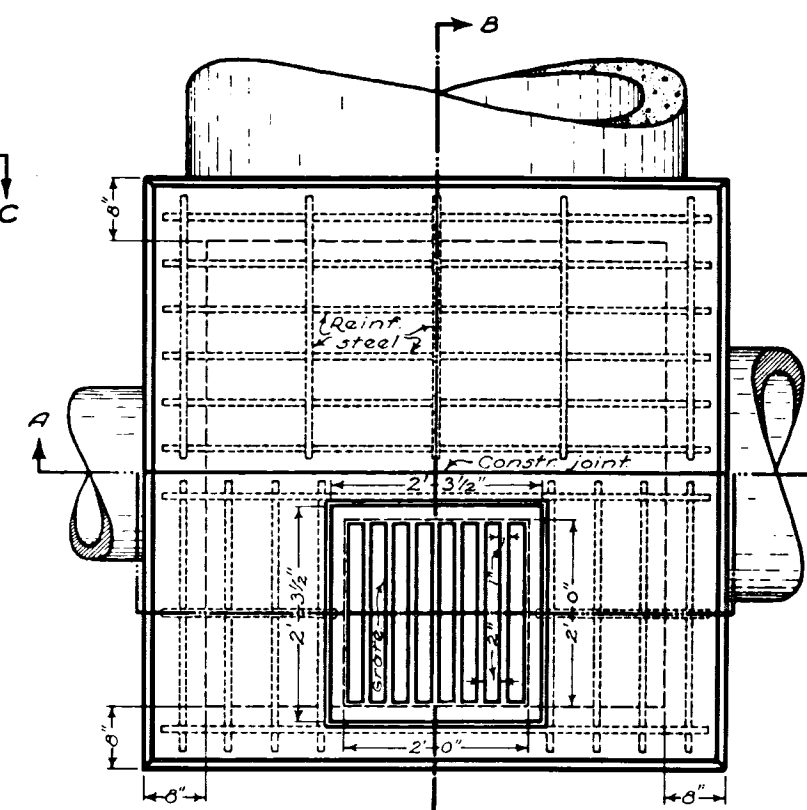
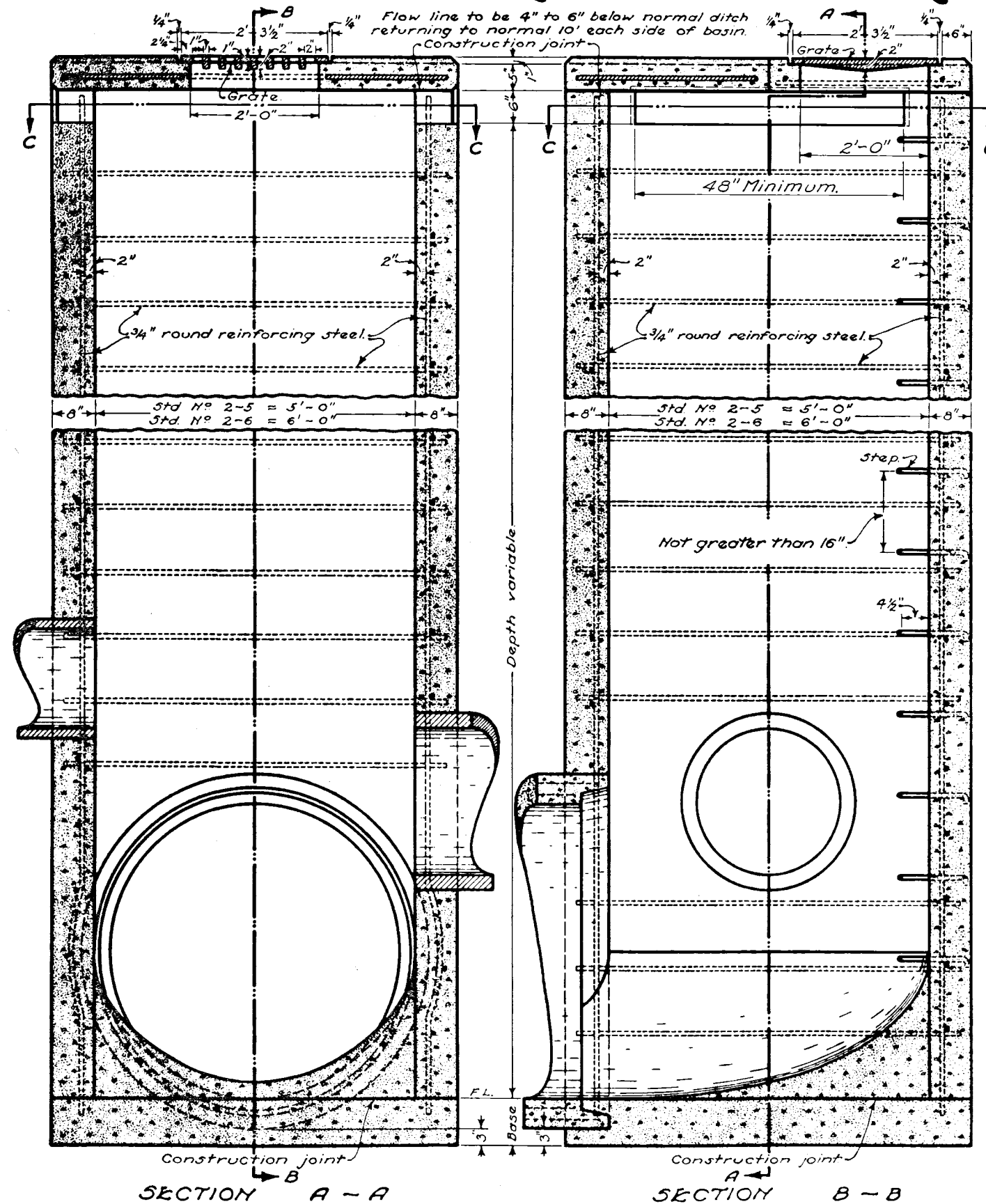


STANDARD NO. 2-5 & NO. 2-6 CATCH BASINS



NOTES

GRATING shall meet the requirements of 604. The design shall be essentially the same and equally as strong as the one shown herein.

Minimum weight 120 pounds.

STEPS shall be provided where depth exceeds 72" and shall meet the requirements of 604.

REINFORCING in the top to be 3/4 inch round bars spaced 6 inches center to center and 3/4 inch round tie bars spaced as shown. Main bars to clear bottom of slab 1 1/4 inches.

Side walls to be reinforced with 3/4 inch round bars horizontal in each side, 6 feet long for Standard No. 2-5 and 7 feet long for Standard No. 2-6, spaced 1 foot center to center and 3/4 inch round bars in each corner, length = depth + 1 foot 3 inches.

CONCRETE cast in place to be Class "C".

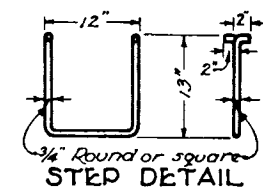
BRICK OR CONCRETE BLOCK side walls, when used in place of reinforced concrete, shall be 12 inches minimum in thickness.

SIDE INLETS shall be placed 4 to 6 inches below normal elevations of bottoms of side ditches. When side inlets are omitted, (and when so stated on the plans), the top of the catch basin shall be 4 to 6 inches below normal elevation of the bottom of the side ditch.

FLOW LINE of a pipe discharging water into a catch basin shall be arranged whenever possible to have the top of such pipe at least as high as the top of the outlet pipe.

SIZE OF CATCH BASIN to be determined by the size of outlet pipe as per the following table:-

SIZE OF CATCH BASIN	2-5	2-6
SIZE OF PIPE	48"	60"
" " "	54"	66"
" " "		72"



BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

CATCH BASINS

STANDARD CONSTRUCTION DRAWING **CB-2-5 & 2-6**

APPROVED *[Signature]* ENGR. L. & D.

DATE 6-1-65