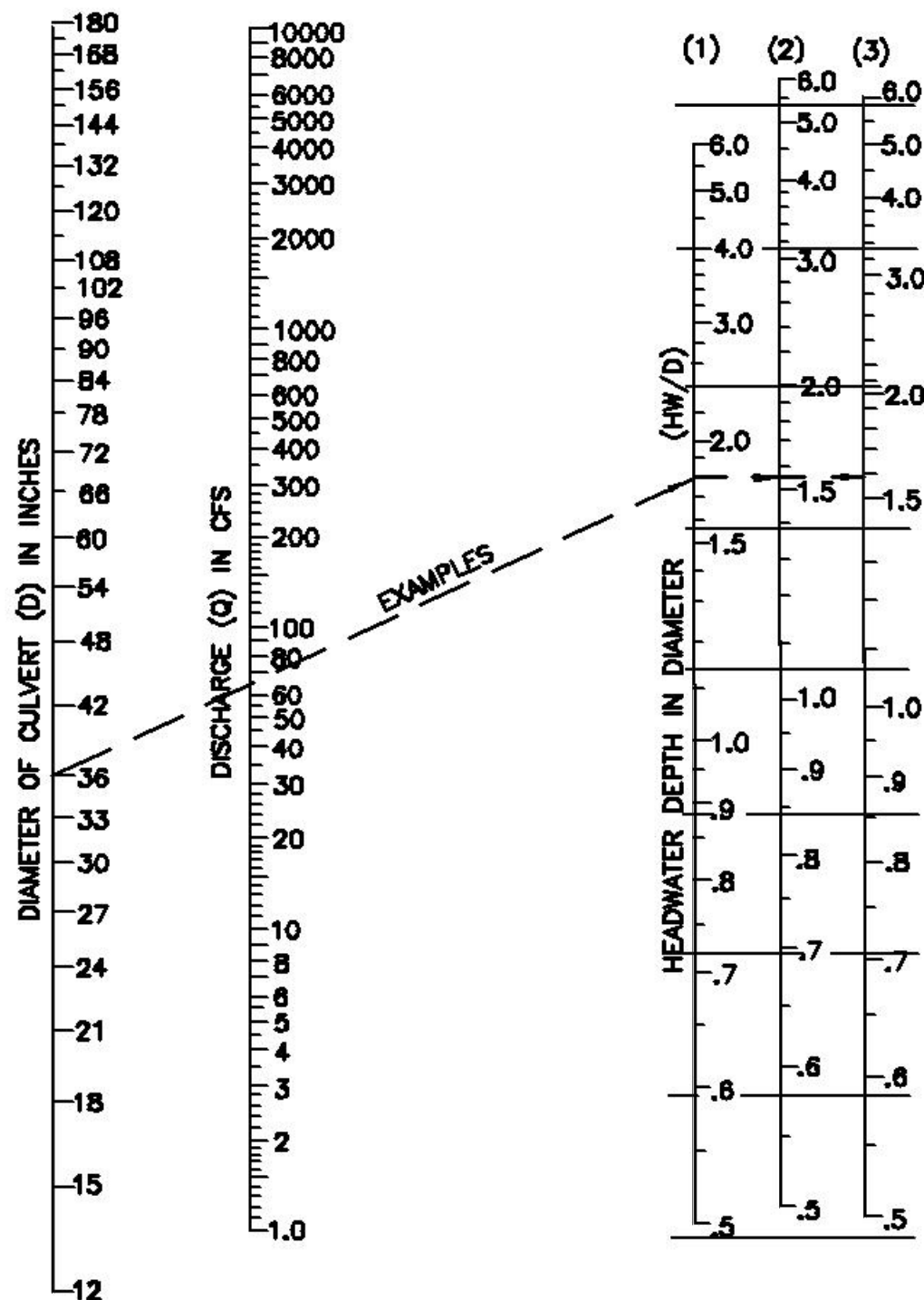




EXAMPLE
 $D=36"$ (3.0 FT.)
 $Q=66$ CFS

	$\frac{HW^*}{D}$	HW FEET
(1)	1.8	5.4
(2)	1.55	4.7
(3)	1.6	4.8

*D IN FEET

HW/D ENTRANCE
 SCALE TYPE

(1)	SQUARE EDGE
(2)	GROOVE END WITH HEADWALL
(3)	GROOVE END PROJECTING

TO USE SCALE (2) OR (3) DRAW A STRAIGHT LINE THROUGH KNOWN VALUES OF SIZE AND DISCHARGE TO INTERSECT SCALE (1). FROM POINT ON SCALE (1) PROJECT HORIZONTALLY TO SOLUTION ON EITHER SCALE (2) OR (3).

NOTE: TABLE FROM "DESIGN MANUAL CON-
 CRETE PIPE", AMERICAN CONCRETE PIPE
 ASSOCIATION, JULY 1970, P. 207

REVISED	F.B.	PG.	DATE: APRIL 11, 1974
5/21/75			SCALE: NONE
			DRAWN BY: N.B.M.
			CHECKED BY: R.E.D.
			CITY ENGINEER: F.R.W.

STANDARD DETAIL

HEADWATER DEPTH FOR CIRCULAR CONCRETE
 PIPE CULVERTS (INLET CONTROL)

OFFICE OF THE
 CITY ENGINEER
 GASTONIA, N.C.

FILE
 NO.

71G-7