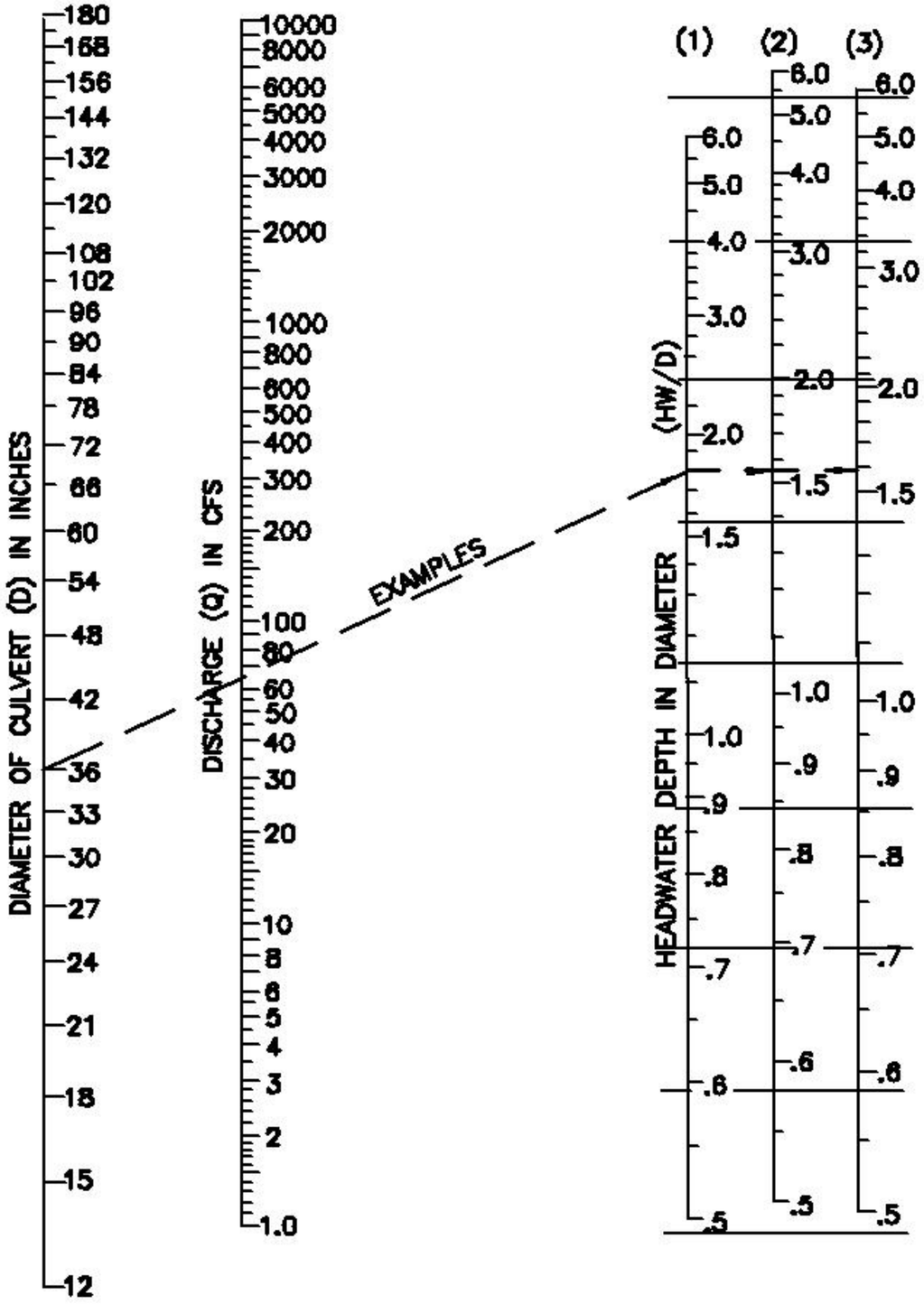

EXAMPLE

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

	HW/D*	HW FEET
(1)	1.8	5.4
(2)	1.55	4.7
(3)	1.8	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 CONCRETE PIPE", AMERICAN CONCRETE PIPE ASSOCIATION, JULY 1970, P. 207

REVISED	F.B.	PG.	DATE: APRIL 11, 1974	STANDARD DETAIL	OFFICE OF THE CITY ENGINEER GASTONIA, N.C.
5/21/75			SCALE: NONE		
			DRAWN BY: N.B.M.	HEADWATER DEPTH FOR CIRCULAR CONCRETE PIPE CULVERTS (INLET CONTROL)	
			CHECKED BY: R.E.D.		
			CITY ENGINEER: F.R.W.		FILE NO. 71G-7