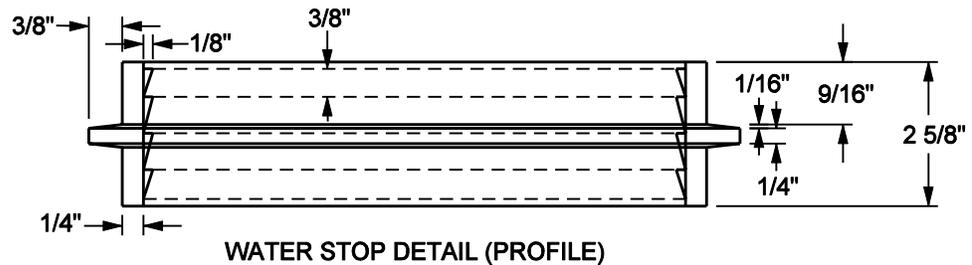
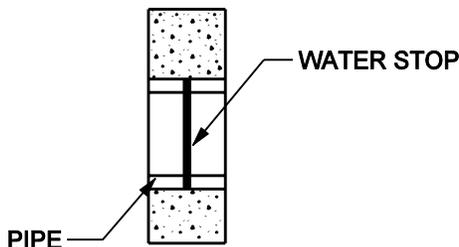


CORE DRILLED HOLE OR DOGHOUSE IN PRECAST RISER



WATER STOP DETAIL (PROFILE)



MANHOLE / CATCH BASIN STRUCTURE

APPLICATIONS REQUIRE CONCRETE MORTAR AND/OR BRICK/BLOCK TO SEAL THE OPENING AND BE FINISHED TO A SMOOTH FINISH INTERIOR AND EXTERIOR

NOTES:
 DIMENSIONS VARY BY MANUFACTURER, PIPE SIZE AND MATERIAL TYPE.
 SEAL FOR RIGID JOINTS BETWEEN PIPE AND CONCRETE STRUCTURES ILLUSTRATED HERE: FERNCO INC. DAVISON, MI MODEL 12 CMA; PRESS-SEAL GASKET CORP. KWIK SEAL OR AN APPROVED EQUIVELANT. NEOPRENE MATERIALS SHALL MEET OR EXCEED ASTM C 923 AND C 443. WATER STOP REQUIRED FOR: PVC, HDPE, CIP, VCP, DIP, PPP, HOBAS.

MINNEAPOLIS CUSTOM
 MNDOT SPEC. REF. 2503, 2506
 MODIFIED MNDOT 4007C
 NOT TO SCALE

	MINNEAPOLIS DEPARTMENT OF PUBLIC WORKS		WATER STOP DETAIL	STANDARD PLATE NO. SEWR-3000
	DRAWN: DCD	DATE: 2/03		
	APPROVED: HRS	DATE: 12/06		