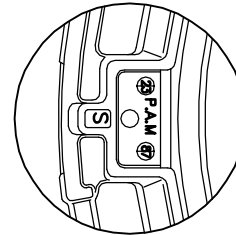
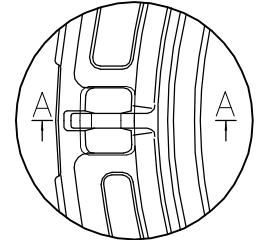


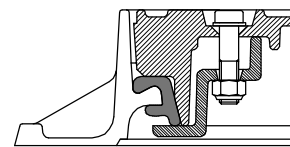
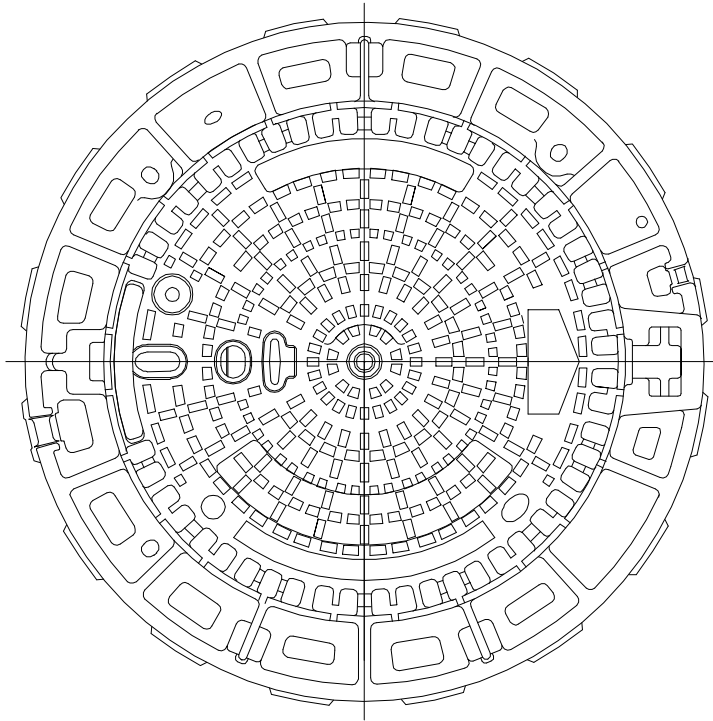
PAMREX is available from
Porter Associates, Inc.
(352) 589-5888.



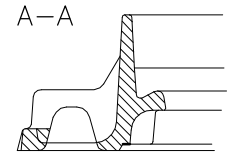
FRAME MARKING



DETAIL A: LIFTING HOLES



OPTIONAL LOCKING MECHANISM



DIMENSIONS (INCHES)			WEIGHT (lbs)		REFERENCE
A	O	H	COVER AND FRAME	COVER ONLY	
33.5"	24	4	195	122	CDPA60EHSSE

1. MANHOLE COVER AND FRAME SHALL BE CALLED PAMREX. COVER AND FRAME SHALL BE MANUFACTURED FROM DUCTILE IRON IN ACCORDANCE WITH ISO 1083. COVERS SHALL BE HINGED AND INCORPORATE A 90 DEGREE BLOCKING SYSTEM TO PREVENT ACCIDENTAL CLOSURE.
2. COVERS SHALL BE ONE MAN OPERABLE USING STANDARD TOOLS AND SHALL BE CAPABLE OF WITHSTANDING A TEST LOAD OF 120,000 LBS. FRAMES SHALL BE CIRCULAR WITH A 24" CLEAR OPENING AND SHALL INCORPORATE A 360 DEGREE MECHANICALLY ATTACHED ELASTOMER SEATING GASKET FOR INFILTRATION CONTROL AND TRAFFIC SHOCK.
3. THE HINGE BOX SHALL INCLUDE A SELF-CLEANING, DUAL WIPER INFILTRATION PLUG. THE FRAME DEPTH SHALL NOT EXCEED 4 INCHES, AND THE FLANGE SHALL INCORPORATE BEDDING SLOTS, BOLT HOLES, AND LIFTING EYES.
4. ALL COMPONENTS SHALL BE BLACK COATED.

REVISED: SEPT-2009	GRAVITY SEWER SYSTEM - MANHOLE COVER & FRAME	STANDARD DETAIL
ISSUED: SEPT - 2009	CITY OF WEST PALM BEACH ENGINEERING SERVICES DEPT.	GS-1