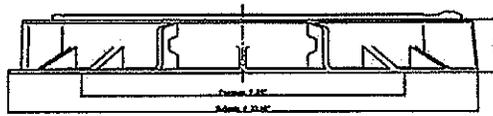


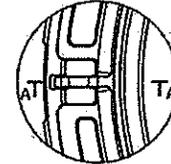
PAMREX 24 INCH MANHOLE COVER AND FRAME



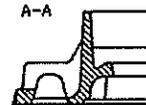
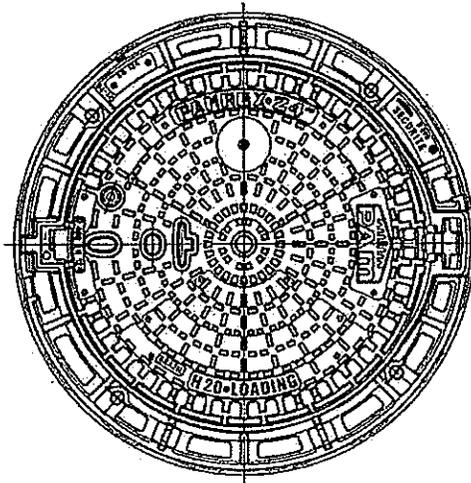
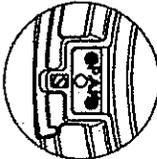
Optional locking mechanism



Detail A : Lifting holes



Frame marking



Manhole cover and frame shall be called Pamrex Retro or approved equal. Cover and frame shall be manufactured from ductile iron. All product shall be 3rd party audited by an independent certification body, and manufactured in a facility certified ISO 9000.

Covers shall be hinged and incorporate a 90-degree blocking system to prevent accidental closure and come complete with hinge infiltration plug. Covers shall come with a 4" diameter recess with 3/8" diameter bolt knock-out that is compatible with 4" Almetek Stainless Steel markers. Covers shall be compatible with the PL-101, and the PL101-EX optional stainless steel manhole locking system as manufactured by Titus Industrial Group Inc. Covers shall be one man operable using standard hand tools, and the optional OT-104 & OTL-103 opening tools as manufactured by Titus Industrial Group Inc. Covers shall be capable of withstanding a 120,000 lb. test load.

Frames shall be circular and shall incorporate a seating ring, a dual wiper infiltration plug, and be available in a 24 inch clear opening. The frame depth shall not exceed 4 inches, and the flange shall incorporate bedding slots and bolt holes.

All components shall be black coated.

Frame weight: 73 lbs.
 Cover weight: 122 lbs.
 Total weight: 195 lbs.

PAMREX RETRO is available from Titus Industrial Group Inc.
 Tel.877-582-9899 Fax 541-389-2911 titus@neverleek.com <mailto:titus@neverleek.com>

Manhole cover and frame shall be called Pamrex Retro or approved equal. Cover and frame shall be manufactured from ductile iron.

DIMENSIONS (INCHES)			WEIGHT (lbs)		REFERENCE
A	O	H	COVER AND FRAME	COVER ONLY	
33 1/2"	24	4	195	122	55046

CITY OF PASO ROBLES
 ENGINEERING DIVISION

DRAWING NO.

SEWER MANHOLE COVER

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