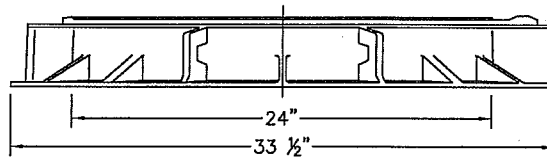
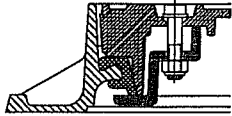
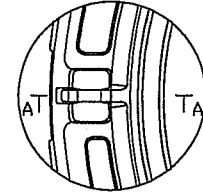


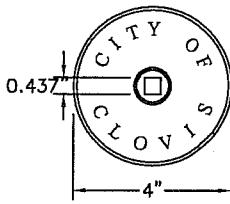
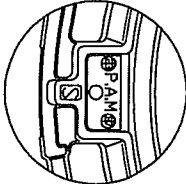
LOCKING MECHANISM



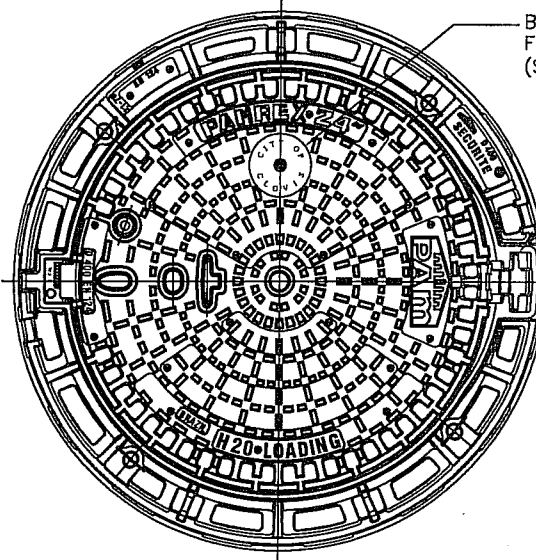
DETAIL A: LIFTING HOLES



FRAME MARKING



BADGE DETAIL TOP VIEW

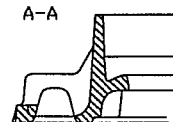


BADGE TO BE INSTALLED DURING FINAL COMPLETION (SEE BADGE DETAIL)

COVER HINGE

NOTCH COLLAR OR GRADE RING BELOW HINGE SWEEP

← DIRECTION OF TRAFFIC



NOTES:

1. MANHOLE COVER AND FRAME SHALL BE CALLED PAMREX RETRO OR APPROVED EQUAL.
2. COVER AND FRAME SHALL BE MANUFACTURED FROM DUCTILE IRON.
3. COVERS SHALL BE HINGED AND INCORPORATE A 90-DEGREE BLOCKING SYSTEM TO PREVENT ACCIDENTAL CLOSURE AND COMPLETE WITH HINGE INFILTRATION PLUG.
4. COVERS SHALL INCLUDE A 4" DIAMETER RECESS WITH 3/8" DIAMETER BOLT KNOCK-OUT THAT IS COMPATIBLE WITH 4" ALMETEK STAINLESS STEEL MARKERS.
5. COVERS SHALL BE COMPATIBLE WITH THE PL-101, AND THE PL101-EX STAINLESS STEEL MANHOLE LOCKING SYSTEM AS MANUFACTURED BY CERTAINTEED CORPORATION.
6. COVERS SHALL BE ONE MAN OPERABLE USING STANDARD HAND TOOLS, AND THE OT-104 & OTL-103 OPENING TOOLS AS MANUFACTURED BY TITUS CERTAINTEED CORPORATION.
7. COVERS SHALL BE CAPABLE OF WITHSTANDING A 120,000 LB. TEST LOAD.
8. 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.
9. ALL COMPONENTS SHALL BE BLACK COATED.



# CITY OF CLOVIS

DWG NO.

**S-6**

## LOCKING 24 INCH MANHOLE COVER AND FRAME

REF. STD. SPECIFICATIONS SECTION 64

APPROVED BY:	NO.	REVISED	BY	APPROVALS	SCALE: NTS
CITY ENGINEER		03-13-09	BGJ	CM <i>[Signature]</i>	DRAWN BY: BGJ
	DATE: 6/29/09			DRU <i>[Signature]</i>	
				PUD <i>[Signature]</i>	SHEET 1 OF 1