

A-1503 MANHOLE FRAME AND COVER
PER STANDARD PLAN S-a-228

OPTIONAL 3.00 GRADE RING

REDUCING RING 30.00 X 24.00 X 6.00

12.00 MIN
24.00 MAX

24.00, 27.00
OR 36.00

PVC T-LOCK LINER

PER S-a-209

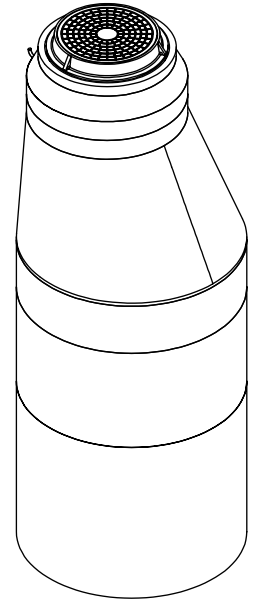
EQUALLY
SPACED
16.00 MAX

6.00

Ø48.00

Ø60.00

SHAFT VARIES
12.00 - 60.00



ISOMETRIC VIEW

NOTES: UNLESS OTHERWISE SPECIFIED.

1. ALL DIMENSIONS ARE IN DECIMAL INCHES.
2. PRECAST MATERIALS AND MANUFACTURING METHODS SHALL CONFORM TO ASTM C-478.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH F_C= 4000 PSI AT 28 DAYS.
4. THE PORTLAND CEMENT USED IN THE PRECAST SECTIONS SHALL MEET THE REQUIREMENTS OF TYPE II/V HIGH SULFATE RESISTANT CEMENT IN ACCORDANCE WITH ASTM C-150.
5. RING AND COVER SHALL BE GREY CAST IRON CONFORMING TO ASTM A-48 CLASS 35B.
6. RING AND COVER STYLE PER S-a-228.
7. PRE-CAST JOINTS SHALL BE SEALED USING MASTIC.
8. STAINLESS STEEL STEPS SHALL BE TYPE 316 STAINLESS STEEL .75 DIAMETER BAR AND CONFORM TO S-a-209.
9. INTERIOR OF PRE-CAST SHAFTS AND CONE SHALL BE LINED WITH AMERON T-LOCK. ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



Phone (805) 527-0841 Fax (805) 584-0769

TITLE		MANHOLE, 48 DIA, PVC LINED- LACSD TYPE "D"	
APPROVED BY	DATE	APPROVED BY	DATE
F. ANSALDI	12/2/2005		
DRAWN BY		DATE	MODEL NO.
F. ANSALDI		12/2/2005	LACSD-TYPE DT
			SH 1 OF 1