



TYPICAL INSTALLATION NOTES:

1. FRAME AND COVER SHALL BE MACHINED TO PROVIDE A NON-ROCKING SURFACE. MACHINED TOLERANCE BETWEEN FRAME AND COVER SHALL BE ±1/8" TOTAL. FRAME AND COVER TO BE SELECTED FROM APPROVED MATERIALS LIST.
2. GRAY CAST IRON SHALL CONFORM TO A.S.T.M. A48, CLASS 30B.
3. MANHOLE COVERS 36" DIAMETER AND GREATER SHALL BE OF 2-PIECE CONSTRUCTION WITH INSERT NOT SMALLER THAN 24" IN DIAMETER.
4. THE 30" MANHOLE FRAME AND COVER WEIGHT SHALL CONFORM TO A.S.T.M. A48, CLASS 30B.
5. THE MARKING LETTERS SHALL BE CAST IN THE COVER AND SHALL BE A MINIMUM 2 1/2" HIGH.
6. CASTINGS TO BE ASPHALT DIPPED PRIOR TO INSTALLATION.

BOLT-DOWN COVER INSTALLATION NOTES:

1. WATER PROOF, BOLT DOWN LIDS WITH S.S. BOLTS REQUIRED FOR COVERS NOT IN PUBLIC STREETS/ALLEYS.
 - A. SIDE PLY AND PICK HOLE SHALL BE REPLACED WITH A CLOSED PICK HOLE.
 - B. GASKET MATERIAL SHALL BE 1/2" x 1/2" NEOPRENE GASKET.
 - C. BOLTS SHALL BE 1 1/2" x 1/2" S.S. TYPE 307, SIX EQUALLY SPACED WITH ISOLATING WASHERS.
 - D. BOLT DOWN LIDS SHALL BE SELECTED FROM APPROVED MATERIALS LIST.

REVISION	BY	APPR	DATE

ELSINORE VALLEY
MUNICIPAL WATER DISTRICT

PARAG KALARIA R.C.E. 83927 DATE 06/22/2023

MANHOLE FRAME AND COVER

STD. DWG. NO.
S-9