


GENERAL NOTES

1. MANHOLE BASE SHALL BE PRE-CAST MONOLITHIC USING CLASS "A" PORTLAND CEMENT CONCRETE.
2. THE CENTER LINE OF THE MANHOLE FRAME SHALL COINCIDE WITH THE CENTER LINE OF THE SEWER MAIN.
3. ALL CONCRETE JOINTS SHALL BE CLEANED, AND THEN JOINED TOGETHER USING "RAM-NEK" AND "RAM-NEK" PRIMER, OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. AFTER JOINT IS MADE, TRIM JOINT SMOOTH ON INSIDE OF MANHOLE.
4. ALL PRECAST REINFORCED CONCRETE MANHOLE RISERS AND TOPS SHALL CONFORM TO ASTM C478 OR APPROVED EQUAL.
5. WHEN MANHOLES ARE COMPLETE, THEY SHALL BE THOROUGHLY CLEANED INSIDE, AND THEN GIVEN ONE COAT OF "XYPEX" OR "1000 CONSEAL" WATERPROOFING MATERIAL THROUGHOUT THE BARREL, CONE AND THROAT.
6. IF POOR OR UNSTABLE SUBGRADE IS ENCOUNTERED AFTER EXCAVATING FOR THE MANHOLE, A LAYER OF BALLAST ROCK MAY BE REQUIRED. THICKNESS SHALL BE DETERMINED BY THE ENGINEER.
7. MANHOLE ACCESS AND SECTION JOINTS SHALL BE SEALED WITH "WRAPID SEAL" SHEET ROLL ENCAPSULATION (MINIMUM 9" WIDTH).
8. INSTALL SPRAY COATING PER VOLUME III, SECTION 3.03(K), TO THE INTERIOR OF ALL DROP TYPE MANHOLES, TRUNK MANHOLES, SIPHON MANHOLES, AND MANHOLES AT THE END OF FORCE MAINS, AND AS REQUIRED BY THE DISTRICT ENGINEER.
9. STANDARD MANHOLE BARREL SECTIONS PER ASTM C478 15.1 (1) EXCEPT THAT TYPE V OR TYPE II/V PORTLAND CEMENT SHALL BE USED.
10. GROUT INSIDE MANHOLE AT PICK HOLES AND AT GRADE RING JOINTS.

SHEET 2 OF 2

NAPA SANITATION DISTRICT

	TITLE <h3 style="text-align: center;">STANDARD PREFAB MANHOLE</h3>	DATE: JUN 2021 CHECKED BY: SK APPROVED BY: AD SCALE: NONE	DRAWING NO. <h2 style="text-align: center;">SS-9A</h2>
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