



**NOTES:**

1. PRECAST MANHOLES TO BE MANUFACTURED TO ASTM SPECIFICATION C478 AND MEET H-20 LOADING REQUIREMENTS.
2. ALL JOINTS SHALL BE MADE WITH PREFORMED PLASTIC JOINT SEALING COMPOUND. FOLLOWING INSTALLATION, GROUT ALL INTERIOR AND EXTERIOR JOINTS.
3. SUMP IS NOT REQUIRED ON MANHOLES CONNECTING PIPES 24" DIAMETER OR LARGER IF NO DI LATERALS ARE PRESENT.
4. PRECAST MANHOLES SHALL BE SIZED TO PROVIDE THE FOLLOWING: THE CLEAR SPACE ON THE INSIDE OF THE MANHOLE BARREL BETWEEN CORED PIPE CONNECTION HOLES SHALL BE A MINIMUM OF 10". IF THE CONNECTION HOLE IS CAST MONOLITHICALLY WITH THE MANHOLE BARREL, THE MEASUREMENT SHALL BE TAKEN FROM THE FINISHED CONCRETE CONNECTION SURFACE.
5. MINIMUM 10" CLEARANCE BETWEEN ALL PIPES AND BETWEEN PIPES AND JOINTS.
6. THE STORM DRAIN SYSTEM SHALL HAVE WATERTIGHT JOINTS AT ALL CONNECTIONS.
7. THE MANHOLE ACCESS SHALL BE AT THE UPSTREAM SIDE OF MAINLINE.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
SHALLOW MANHOLE ASSEMBLY	
 APPROVED BY:	8-29-06 DATE:
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