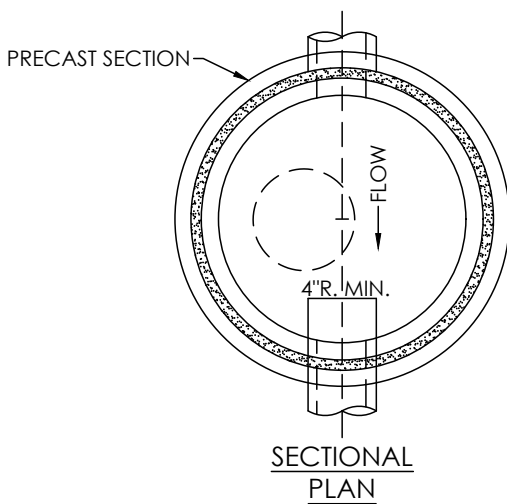


NOTES

1. PRE-CAST SHAFTS SHALL BE USED.
2. PRE-CAST CONCRETE PIPE SECTIONS, GRADE RINGS, AND TAPERED SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPEC. C-478.
3. ALL CONCRETE JOINTS SHALL BE CLEANED, WETTED, AND MORTARED PRIOR TO SETTING THE NEXT SECTION, THE JOINTS SHALL BE PACKED, TRAWLED, AND BRUSHED WHILE THE MORTAR IS PLASTIC. RAM-NEK FLEXIBLE MAY ALSO BE USED, UPON APPROVAL FROM THE ENGINEER.
4. FRAME TO BE USED IN STREET AND DRIVEWAY AREAS SHALL BE PHOENIX P-1090, SOUTH BAY FOUNDRY #1900 CFH D&L FOUNDRY A-1024 OR APPROVED EQUAL, AND 2" FRAME SHALL BE USED IN S/W EASEMENT ETC. WHERE NO TRAFFIC IS ALLOWED. ALL M.H. SHALL HAVE 24" MIN. CLEAR OPENING.
5. M.H. THAT ARE SHALLOW MAY BE CONST. CONCENTRIC OR FLAT TOP AND/OR WITH A LARGER DIA. M.H. FRAME TO FACILITATE CONSTRUCTION WITH APPROVAL OF THE ENGINEER, LONGER STEPS MAY BE REQUIRED.
6. RING AND COVER SHALL BE SET TO GRADE AND CROSS SLOPE SUBSEQUENT TO PLACING A.C.
7. 48" DIA. BARREL SHALL BE USED FOR PIPES UP TO 24" IN DIA.; 60" DIA. BARREL SHALL BE USED ON PIPES UP TO 36" DIAMETER. 42" DIAMETER OR LARGER PIPE SHALL CONFORM TO STANDARD D-8 DRAWING.
8. ALL CAST IN PLACE PIPE Poured THROUGH A MANHOLE REQUIRES STANDARD D-8 MANHOLE DETAILS.



CITY OF NAPA

PUBLIC WORKS DEPARTMENT

**STANDARD STORM
DRAIN MANHOLE**

DRAWN BY: LFM
 APPROVAL DATE: 06/2018
 SCALE: NONE
 REVISED DATE: 08/2021

CHECKED BY: IHH
 APPROVED BY: JBL
 DRAWING NO. D-7