



1. MANHOLE COVER AND FRAME SHALL HAVE A MINIMUM TOTAL WEIGHT OF 500 LBS.
2. MANHOLE FRAME SHALL HAVE A MINIMUM CLEAR OPENING OF 30".
3. MANHOLE COVER AND FRAME SHALL HAVE A MACHINED SURFACE WHERE SHOWN.
4. APPROVED MANHOLE RING AND COVERS ARE AS FOLLOWS: EAST JORDAN IRON WORKS' MODEL V-1420 OR APPROVED EQUAL. TWO (2) VENT HOLES SHALL BE PROVIDED IN EVERY THIRD MANHOLE COVER - NOT TO EXCEED 1500' SPACING BETWEEN MANHOLE COVERS WITH VENT HOLES.
5. AN INFLOW PROTECTOR ACCEPTABLE TO THE CITY OF CALDWELL SHALL BE INSTALLED ON ALL MANHOLES IN DRAINAGE DITCHES OR IN AREAS SUSCEPTIBLE TO STORM WATER INUNDATION, WHEN NOTED ON THE PLANS, A CONCRETE PAD SHALL BE INSTALLED AROUND THE TOP OF MANHOLES - SEE PLANS FOR LOCATIONS & SIZE OF CONCRETE PADS.
6. BRICK MANHOLES SHALL NOT BE USED NOR SHALL BRICK BE USED TO ADJUST MANHOLE COVERS TO GRADE.

## NTS



PER ASTM A 746-77  
TYPE 1 THRU 5



NOTE: ALL M.J. FITTINGS  
SHALL BE RESTRAINED



- NOTES:

1. ALL SERVICE LINES SHALL BE 4" SDR-26 P.V.C. PIPE.
2. SERVICE TAPS ON V.C.P. SHALL BE MADE WITH A 4" T" TAP SADDLE DICKEY MODEL NO. Y70400003 OR EQUAL, A 4" E.T.C.O. ADAPTER DICKEY MODEL NO. 442 ZE Q42000 OR APPROVED EQUAL SHALL BE USED TO ADAPT FROM THE ABOVE TAP SADDLE TO 4" SDR-26 P.V.C. PIPE.
3. SERVICE TAPS ON DUCTILE IRON PIPE SHALL BE MADE WITH A 4" P.V.C. SADDLE AS MANUFACTURED BY PROCON, FARM ROAD, FARM NO. 2, OR SAME.
4. SERVICE CONNECTIONS FOR P.V.C. PIPE SHALL BE MADE WITH SERVICE TEES OF THE SAME A.S.T.M. DESIGNATION AS THE MAIN LINE.
5. ALL SERVICE WYES AND P.V.C. SERVICE LINE SHALL BE ENCASED IN SAND OR GRAVEL WITH FINES.

CITY OF CALDWELL  
CITY STANDARD DETAILS

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