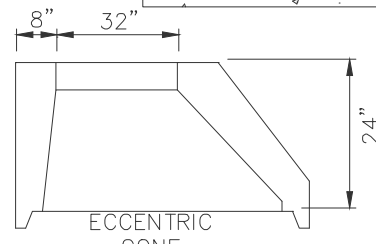


MIN. MH WALL THICKNESS:
 4' MH - 5" WALL
 5' MH - 6" WALL
 6' MH - 7" WALL
 UNLESS DESIGNED BY ENGINEER



ECCENTRIC CONE

- NOTES:
1. MAXIMUM CHIMNEY HEIGHT SHALL BE 18" AS MEASURED FROM INSIDE TAPER ON CONE TO TOP OF COVER.
 2. MANHOLES SHALL BE CONCENTRIC UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
 3. INVERTS SHALL BE EQUAL TO OR GREATER THAN THE PIPE DIAMETER. ALL INVERTS SHALL BE FORMED TO CENTER OF MANHOLE AND SHALL PROVIDE SMOOTH FLOW TRANSITIONS.
 4. TRANSITIONS TO 5' AND 6' BARREL DIAMETERS SHALL OCCUR JUST BELOW THE CONE SECTION.
 5. GROUT SEAM ON EXTERIOR OF MANHOLE PRIOR TO BACKFILL. MANHOLE EXTERIOR TO HAVE BITUMINOUS COATING.
 6. MANHOLES GREATER IN DEPTH THAN 10' SHALL BE A MINIMUM OF 5' IN DIAMETER.
 7. CLASS "F" CONCRETE SHALL HAVE A MAXIMUM SLUMP OF 5" AND A 4200 PSI COMPRESSIVE STRENGTH AT 28 DAYS, NO FLY ASH ALLOWED.
 8. REFERENCE SERVICE CONNECTION DETAIL ON S-05.
 9. ALL CORED PENETRATIONS THROUGH MANHOLE WALLS TO HAVE "LINK SEAL" WATERSTOP OR APPROVED EQUAL.
 10. REFERENCE CHART ON S-01 FOR MANHOLE SIZES AND NUMBER OF CONNECTIONS.



SEWER SYSTEM CONSTRUCTION DETAILS
PRECAST SANITARY SEWER MANHOLE

REVISION DATE:
 2/1/2024

SHEET: S-02