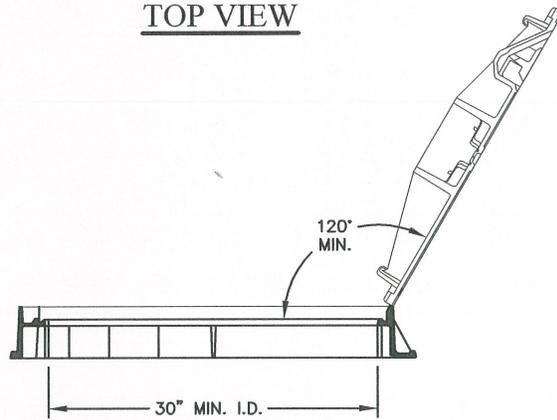




TOP VIEW



SECTION VIEW

GENERAL NOTES:

1. MANHOLE FRAME AND COVER CASTING SHALL CONFORM TO DUCTILE IRON ASTM A536.
2. MANHOLE COVERS SHALL BE A STANDARD 32" DIAMETER WITH 30" MINIMUM I.D. CLEAR ACCESS AS REQUIRED BY TCEQ/NCTCOG.
3. DUCTILE IRON MANHOLE COVERS SHALL BE HINGED PAMREX, EJ ERGO XL, OR APPROVED EQUAL.
4. FRAME AND/OR COVER SHALL BE PROVIDED WITH CONTINUOUS GASKET FOR WATER TIGHT SEAL. HINGED COVERS SHALL HAVE TWO HINGES FOR ADDED STABILITY. COVER SHALL OPEN MINIMUM 120° AND SHALL BE PROVIDED WITH STOP BLOCKS AT 90° TO PREVENT ACCIDENTAL CLOSURE. COVERS SHALL BE PROVIDED WITH CAST-IN SLIP RESISTANT SURFACE AND CAST-IN LETTERING LABELED "SANITARY SEWER". COVERS SHALL WEIGH MINIMUM 160 LBS ±5%. COVERS SHALL BE PROVIDED WITH STAINLESS STEEL LOCKING MECHANISM AND KEY. COVERS SHALL BE PROVIDED WITH PICKING SLOTS FOR EASY ACCESS. FRAMES SHALL BE PROVIDED WITH HOLES/SLOTS FOR PICKING/LIFTING AND FOR ANCHORING.
5. MANHOLES PLACED IN LOCATIONS THAT MAY BE SUBMERGED OR MANHOLES IN FLOOD PLAIN, SHALL BE PAMTIGHT, EJ COMPRESSION WATERTIGHT OR APPROVED EQUAL, AND SHALL HAVE GASKETED AND BOLTED MANHOLE FRAMES AND COVERS WITH A MINIMUM 1/4" THICK RUBBER OR NEOPRENE CIRCULAR GASKET OR SEATING RING TO EFFECTIVELY SEAL THE COVER TO THE FRAME. BOLTS SHALL BE STAINLESS STEEL WITH 5/8" DIAMETER COARSE THREADED AND 15/16" HEX HEADS AND RUBBER OR NEOPRENE WASHERS.
6. ALL LOAD BEARING MANHOLES AND MANHOLE FRAMES AND COVERS SHALL MEET H-20 LOAD RATINGS.
7. CONTRACTOR SHALL PROTECT SEWER MAINS FROM CONSTRUCTION DEBRIS.
8. ANY DEBRIS WHICH ENTERS SEWER MAIN SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.

STANDARD MANHOLE  
FRAME AND COVER

NOT TO SCALE

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<p>APPROVED</p>  <p>CITY ENGINEER</p>	<p>CITY OF WICHITA FALLS, TX ENGINEERING DIVISION</p> <p>MARCH 2016</p>	<p>STANDARD MANHOLE FRAME AND COVER</p>
<p>6-10-16 DATE</p>		<p>DETAIL NO. 5025</p>