TOPSOIL, SLOPED AWAY FROM MANHOLE

UNDISTURBED

SAND OR OTHER FINE BEDDING MATERIAL

GEOTEXTILE FILTER FABRIC BETWEEN FINES AND DRAIN ROCK

3/4" MINUS DRAIN ROCK OR SIMILAR FREE DRAINING MATERIAL

INSTALLATION MUST COMPLY WITH TANK MANUFACTURER’S SPECIFICATIONS

MANWAY WITH COVER
24" DIA. MANHOLE WITH HINGE, HASP, AND LOCK

FIRE DEPARTMENT CONNECTION
(2) 2-1/2" FEMALE NATIONAL HOSE THREAD W/ PLUGS

VENT ELBOW W/ BUG SCREEN

FIRE DEPARTMENT SUCTION
4-1/2" MALE NATIONAL HOSE THREAD W/ CAP

4" SCH. 40 STEEL RISER

2" THICK HI LOAD 60 EPS BLUE FOAM SHEETS AT ALL SNOWMELT OR PLOWED TRAFFIC AREAS TO PREVENT FROST PENETRATION. ALSO PLACE FOAM DISC IN OUTER MANHOLE COVER. PLACE FOAM OVER FLAT LAYER OF SAND OR OTHER FINE BEDDING MATERIAL TO ELIMINATE VOIDS. COVER FOAM WITH 30# ROOFING FELT.

24" MIN. COVER

8" SCH. 40 STEEL RISER

36"

6" SCH. 40 STEEL RISER

ANTI VORTEX PLATE AT SUCTION RISER

10,000 GALLON CAPACITY,
APPROX 8' DIA. X 27'

FIRE CISTERN DETAIL