



1 FUEL OIL PIPING DIAGRAM
NOT TO SCALE

NOTES:

1. ALL FUEL OIL PIPING, VENT PIPING SHALL BE ASTM A-53 BLACK STEEL, SCHEDULE 40 WITH WELDED CONNECTIONS.
2. GASOLIA BLUE PIPE SEALANT SHALL BE USED ON ALL SCREWED FUEL PIPE (CLEAN) THREAD FITTINGS.
3. FUEL SYSTEM SHALL COMPLY WITH LOCAL, STATE AND NATIONAL CODES.
4. SEE SHEET M0101 FOR SYMBOLS, ABBREVIATIONS, & NOTES
5. FUEL TANK SHALL BE SET IN A MANNER THAT PROVIDES ADEQUATE CLEARANCE BENEATH IT FOR PERIODIC VISUAL INSPECTION TO MEET REGULATORY REQUIREMENTS. USE A MIN. VERTICAL CLEARANCE BENEATH TANK OF 2" INCHES NOT TO EXCEED 4" INCHES IN HEIGHT. THE DESIRED CLEARANCE SHALL EXTEND FROM ONE END OF THE TANK TO THE OTHER END AND ALLOW FOR VISUAL INSPECTION OF THE TANK'S ENTIRE BOTTOM FROM ONE SIDE OF THE TANK TO THE OTHER. THE TANK MANUFACTURER SHALL BE RESPONSIBLE TO ENGINEER THE DESIRED CLEARANCE BENEATH THE TANK IN A MANNER THAT WILL PROVIDE ADEQUATE SUPPORT AND NOT ALTER THE U.L. LISTING NOR AFFECT THE STRUCTURAL INTEGRITY OF THE TANK. THE TANK SHALL BE ABLE TO SUPPORT THE WEIGHT OF THE STORED LIQUID IF THE TANK IS FILLED TO CAPACITY INCLUDING ALL APPURTENANCES AND RELATED COMPONENTS WITHOUT FEAR OF COLLAPSE BUCKLING, SAGGING OR STRUCTURAL FAILURE OF THE TANK.
6. ALL VENTS SHALL TERMINATE OUTSIDE OF BUILDING.

LEGEND:

- ① UNION
- ② BALL VALVE
- ③ FIRE SAFE VALVE
- ④ INLINE FILTER (RACOR 79/1000FGV BY G.V.)
- ⑤ CHECK VALVE
- ⑥ SOLENOID VALVE
- ⑦ STEEL FLEX BRAWDED CONNECTION
- ⑧ VENT CAP
- ⑨ STRAINER
- ⑩ HAND PUMP (TUTHILL MODEL FR110C)
- ⑪ FOOT VALVE
- ⑫ PRESSURE RELIEF VALVE - GENERANT MODEL VRV - 15 PSI SETTING
- ⑬ INTERSTITIAL LEAK DETECTOR WIRED TO VEEDER ROOT
- ⑭ FUEL OIL RETURN PUMP
- ⑮ FUEL OIL SUPPLY PUMP
- ⑯ INLINE FILTER (RACOR 79/1000FGV BY M.C.)