



GENERAL DOG HOUSE MANHOLE NOTES:

1. PREFERRED CONSTRUCTION IS BY "CUTTING-IN" A STANDARD SANITARY SEWER MANHOLE WITH A TEMPORARY FLOW BY-PASS SYSTEM.
2. PRIOR TO ANY EXCAVATION OVER THE PIPE, A TV RECORDING OF THE EXISTING SEWER MAIN SHALL OCCUR BETWEEN THE UPSTREAM AND DOWNSTREAM MANHOLES WHILE THE COUNTY INSPECTOR IS PRESENT.
3. SEWER LINES GREATER THAN 20-INCH DIA. REQUIRE DESIGN APPROVAL BY THE COUNTY.
4. ALL NEW MANHOLES SHALL CONFORM TO THE REQUIREMENTS OF THE FDEP AND SARASOTA COUNTY UTILITY MANUAL.
5. THE EXCAVATION FOR TYPE B DOGHOUSE MANHOLES SHALL BE LARGE ENOUGH TO ALLOW ADEQUATE SPACE TO SLIDE THE PRE-CAST BASE UNDER THE EXISTING SEWER. ALL COSTS RELATED TO THE EXCAVATION SHALL BE INCLUDED IN THE BID PRICE FOR THE CONSTRUCTION OF THE DOGHOUSE MANHOLE. THE CONTRACTOR SHALL NOT BE DUE ANY ADDITIONAL COMPENSATION FOR ANY EXCAVATION THAT IS NECESSARY TO ACCOMMODATE THE PLACEMENT OF THE PRE-CAST BASE.
6. ALL NEW PIPE CONNECTIONS TO THE NEW MANHOLE (EXCLUDING EXISTING PASS-THROUGH PIPE) SHALL HAVE CAST-IN RESILIENT PIPE TO MANHOLE SEALS PER ASTM C-923 WITH 316 SS HARDWARE AND CONNECTORS BAND.
7. THE CENTERLINE OF THE MANHOLE SHALL BE LOCATED OVER THE CENTERLINE OF THE MAIN SEWER.
8. FOR SANITARY SEWERS, PRIOR TO PLACEMENT OF CONCRETE AND GROUT, A WATERSTOP MADE OF A 1/2-INCHx1-INCH BEAD OF APPROVED HYDROPHILIC, EXPANDABLE, SINGLE COMPONENT, ELASTIC SEALANT SHALL BE INSTALLED BOTH AROUND THE EXISTING PIPES AND ALONG THE PERIMETER OF THE KNOCK OUT OPENINGS AT THE LOCATIONS WHERE THE PIPES WILL PENETRATE THE DOGHOUSE MANHOLE WALLS. THE WATERSTOP(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS. ALLOW SUFFICIENT CURE-TIME, 24-36 HOURS, FOR HYDROPHILIC SINGLE COMPONENT, ELASTIC SEALANT BEFORE POURING CONCRETE.
9. THE EXISTING SEWER SHALL BE SUPPORTED FROM ABOVE WITH SLINGS DURING ALL PHASES OF CONSTRUCTION. SLINGS ARE TO BE REMOVED ONLY AFTER CONCRETE BACKFILL WITHIN THE STRUCTURE HAVE CURED.
10. FOLLOWING SATISFACTORY CURING OF THE INVERT CHANNEL AND SHELF, THE CONTRACTOR SHALL CUT AND REMOVE THE TOP HALF OF THE EXISTING PIPE WITHIN THE MANHOLE, TAKING CARE NOT TO ALLOW ANY PIECES TO BE WASHED DOWN STREAM IN THE PIPE. CUTTING OF THE PIPE SHALL BE IN A WORKMAN LIKE MANNER, PROVIDING A SMOOTH AND EVEN FINISHED PRODUCT.
11. A TV RECORDING OF THE SEWER MAIN SHALL ALSO OCCUR AFTER CONSTRUCTION WHILE THE COUNTY INSPECTOR IS PRESENT. PIPE DEFLECTION SHALL NOT DEVIATE BY MORE THAN 1 INCH FROM THE DESIGN LINE.
12. THERE SHALL BE NO VISIBLE LEAKS IN THE MANHOLE.

N.T.S.