

LAGRANGE COUNTY REGIONAL UTILITY DISTRICT

INSPECTOR CHECKLIST FOR INSTALLATION:

VERIFY THAT INSTALLATION COMPLETED BY CONTRACTOR AND/OR HOMEOWNER.

MATERIALS:

PVC PIPE SHALL BE SDR-21, OR GREATER QUALITY. PIPE & FITTINGS SHALL HAVE ELASTOMERIC JOINTS "PUSH-ON JOINTS" ALL JOINTS SHALL BE WATER TIGHT.

*BEDDING THE PIPE WITH SAND OR PEA GRAVEL IS REQUIRED FROM 4" BELOW THE PIPE TO 6" ABOVE THE TOP OF THE PIPE.

*CLAY & ROCK BACK-FILL IS UNACCEPTABLE.

A 4' VENT IS REQUIRED IF NO PLUMBING VENT HAS BEEN INSTALLED IN THE HOUSE. THE VENT SHALL BE LOCATED WITHIN 4' OF THE BUILDING ON THE BUILDING SEWER & SHOULD EXTEND APPROX 2' ABOVE GRADE. THE VENT MUST INCORPORATE A STAINLESS STEEL SCREEN & REMOVABLE TOP SECTION. (MAY BE USED AS A CLEAN-OUT)

A BACK-FLOW PREVENTION VALVE WILL BE INSTALLED WHERE 2 OR MORE HOUSES ARE CONNECTED TO THE SAME GRINDER. A CLEANOUT WILL BE INSTALLED IN CONJUNCTION FOR ROUTINE MAINTENANCE. IT SHALL BE INSTALLED ON EACH LATERAL ON DOUBLE PUMP CONNECTIONS. THE INSPECTOR WILL DETERMINE LOCATIONS OF ANY CONNECTIONS OF 3 OR MORE. THE BACKFLOW PREVENTION VALVE SHALL BE INSTALLED BETWEEN HOUSE & CLEANOUT WHEREVER POSSIBLE.

ALL FITTINGS SHALL BE INSTALLED TO GUIDE SEWAGE IN THE DIRECTION OF FLOW. NO ELBOWS GREATER THAN 45 DEGREES. IF A CHANGE IN DIRECTION IS GREATER THAN 45 DEGREES, 2 45-DEGREE ELBOWS SHALL BE USED. IT IS SUGGESTED THAT A CLEAN OUT BE INSTALLED BETWEEN THE 2 45-DEGREE ELBOWS.

SEWER CLEAN OUTS SHALL BE INSTALLED A MAXIMUM OF EVERY 100 FEET ALONG THE BUILDING SEWER. ACCESSIBLE CLEAN OUTS SHALL BE INSTALLED AT EVERY CHANGE OF DIRECTION.

CLEAN OUTS SHALL EXTEND TO GRADE, PIPE LINERS (FROST SLEEVES) ARE RECOMMENDED TO BE PLACED AROUND THE CLEAN OUT GRADE EXTENSION. THE CLEAN OUT SHALL BE A DOUBLE-DIRECTION TEE FITTING WITH ADEQUATE ABOVE GROUND ACCESS.

CLEAN OUTS SHALL BE THE SAME DIAMETER AS THE LATERAL SEWER PIPE, WITH A MINIMUM SIZE OF 4" IN DIAMETER & COVERED WITH A REMOVABLE PLUG OR CAP.

UNDER NO CIRCUMSTANCES SHALL CONNECTION BE MADE THROUGH SEPTIC TANKS.

PRIOR TO FINAL CONNECTION, IT IS REQUIRED TO DISCONNECT ALL NON-WASTE PRODUCING UNITS FROM THE SEWER LINE (I.E. SUMP PUMPS, FOUNDATION DRAINS, ROOF DOWN SPOUTS, ETC.) GROUND WATER OR RAIN WATER MAY NOT BE CONNECTED TO LCRUD'S SYSTEM. FOR THIS REASON, ALL BUILDING SEWERS MUST BE CONSTRUCTED NEW FROM WITHIN 3' OF THE BUILDING STRUCTURE TO THE GRINDER PUMP.

NO SAND, GREASE, GRIT, OILS, SOLVENTS, GASOLINE OR ANY OTHER SUCH SUBSTANCE MAY BE DISCHARGED INTO THE SYSTEM. GREASE TRAPS MAY BE REQUIRED FOR SOME INSTALLATIONS.

THE CONTRACTOR IS TO CUT & REMOVE THE EXISTING SOLVENT WELD CAP FROM THE END OF THE GRINDER UNIT GRAVITY LINE STUB & CONNECT TO BUILDING SEWER USING A FERNCO (OR MISSION) COUPLING ONLY!

SKETCH MUST BE COMPLETED AT TIME OF INSPECTION AND SUBMITTED TO THE DISTRICT OFFICE.

ALL SEPTIC TANKS MUST BE PUMPED AT TIME OF INSPECTION WITH THE PROPER BACKFILL PRESENT.