

DECEMBER 2017

WASTEWATER SPECS

BASTROP COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT

Installation shall be in accordance with manufacturer specifications. Proper cleaning and lubrication of push on joints is critical. Always push the spigot into the stationary bell, never the bell onto a stationary spigot.

All pipe must be laid on 6 inches of sand and covered with 6 inches of sand. Backfill above the 6 inches must not include any rock above 5 inches in diameter.

All directional changes and dead ends must be thrust restrained. The style of thrust will be discussed with the District until such time as the approach is standardized

PIPE MATERIALS

SDR 21 push on gasket pipe. Two inch is standard but may require larger pipe depending on location. Always check with District for sizing requirements.

BALL VALVES

All valves are to be epoxy coated gate valves. 2 inch valves are to be Female IP connected with 2 inch mail adaptors designed to connect to the SDR 21 pipe with a pack joint.

AIR RELEASE VALVES

The end of each new section of a pipe extension shall have an air release valve installed. All high points in the collection system must be equipped with air release. A two inch air release valve with a male 2 inch cam lock w/cap and a 2 inch gate valve must be installed. All air release valves must have a dual meter sized, road grade, meter box.

VALVE BOXES

All valves will be equipped with an 8 inch riser with box lid. All valve risers must be installed on concrete blocks so the riser can never touch the valve or wastewater line.

DEAD ENDS

All dead ends must be thrust blocked. All dead end extensions must include a maintenance connection consisting of a 2" male camlock with a cap and a 2 inch gate valve.

CONNECTIONS

Connections with existing lines will always be completed by cutting in new tees that will be epoxy coated ductile iron. All joints are to be restrained fitting designed for the pipe in question.

SUPPLIERS OF MATERIALS

FERGUSON

HD SUPPLY

MUNICIPAL WATER WORKS

JOHNSON SUPPLY