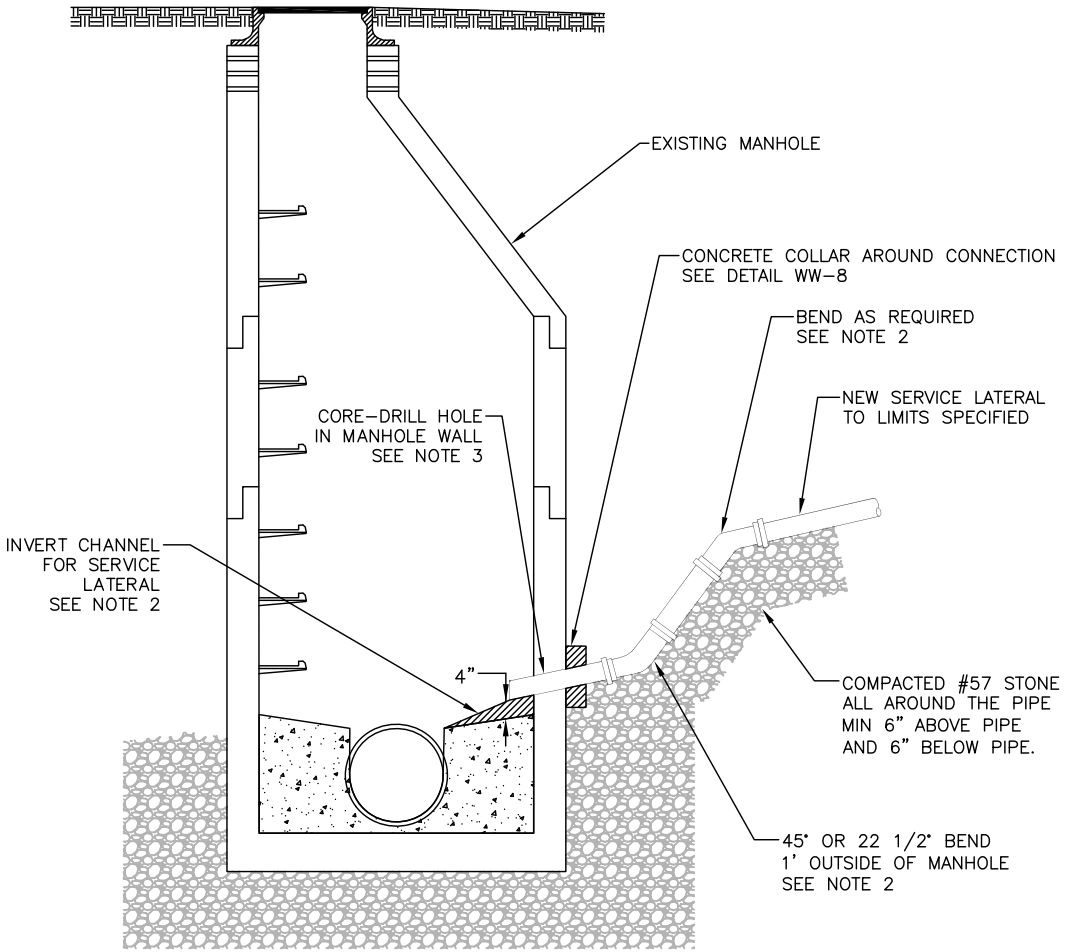

NOTES:

1. REFER TO THIS DETAIL WHEN INSTALLING NEW SERVICE LATERALS TO EXISTING MANHOLES.

2. ROUTE ALL SERVICE LATERALS BEING INSTALLED TO MANHOLES SUCH THAT THE SERVICE ENTERS THE MANHOLE FOUR (4) INCHES ABOVE THE TOP OF THE BENCH. CONTRACTOR SHALL USE BENDS AS NECESSARY. DROP PIPES INSIDE MANHOLES SHALL NOT BE ALLOWED.

   FORM AN INVERT CHANNEL FOR THE SERVICE LATERAL USING MIN. 3500 PSI CONCRETE. THE WIDTH AND HEIGHT OF THE CHANNEL SHALL BE EQUAL TO SERVICE LATERAL DIAMETER. PROVIDE A SWEEP IN THE CHANNEL FOR A SMOOTH FLOW TRANSITION TO THE MAIN INVERT CHANNEL. THE CHANNEL SHALL BE SMOOTH, UNIFORM, FREE OF BURRS, AND CONSTANTLY SLOPING FROM THE INLET CONNECTION TO THE MAIN INVERT CHANNEL. THE SLOPING CHANNEL SHOWN IN THIS DETAIL IS THE CENTER OF THE INVERT CHANNEL.

3. PROVIDE A WATERTIGHT SEAL AT THE PIPE CONNECTION USING NON-SHRINK GROUT. AS AN OPTION TO CORE DRILLING THE WALL, THE MANHOLE CAN BE PROVIDED WITH AN OPENING FOR THE LATERAL AND A FLEXIBLE RUBBER BOOT CONNECTOR CAN BE USED TO PROVIDE THE WATERTIGHT CONNECTION. IF A BOOT IS NOT USED, INSTALL A CONCRETE COLLAR AROUND THE PIPE CONNECTION PER DETAIL WW-8.

GREER COMMISSION OF PUBLIC WORKS

NEW SERVICE LATERAL TO EXISTING MANHOLE

APPROVED BY:		DATE:	DRAWING NO.
--	CPW	FEBRUARY 2021	WW-15
SCALE: NTS		REVISED: --	