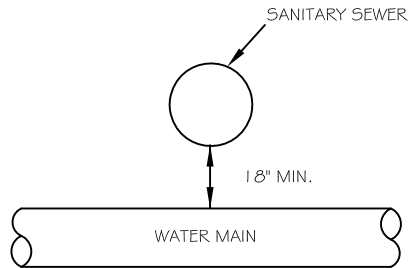
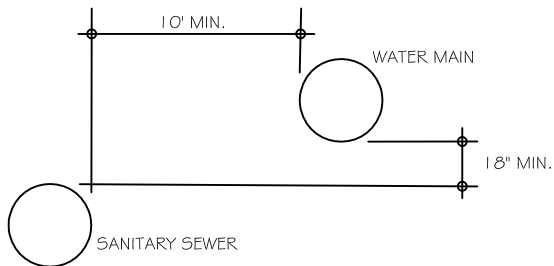


SANITARY SEWER CROSSING

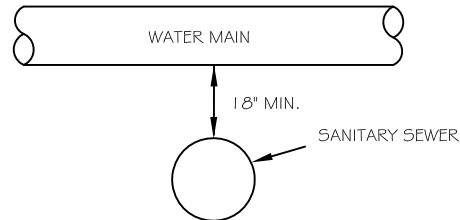


BOTH MAINS TO BE OF DIP FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINTS OF CROSSING BY A SINGLE PIECE OF PIPE OR AS DIRECTED BY ENGINEER.



FOR CLEARANCE OF LESS THAN 10' HORIZONTAL OR 18" VERTICAL BOTH PIPES TO BE DIP OR AS DIRECTED BY THE ENGINEER.

SANITARY SEWER CROSSING

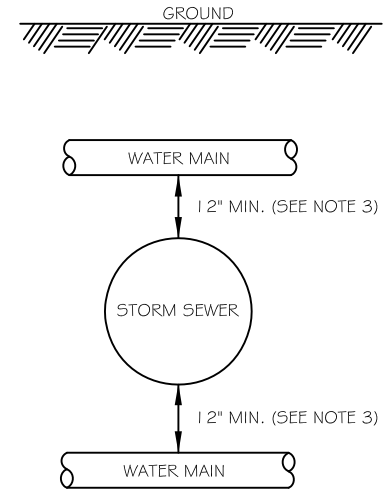


FOR CLEARANCE OF LESS THAN 18" THE WATER MAIN SHALL BE CONSTRUCTED OF DIP FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINTS OF CROSSING BY A SINGLE PIECE OF PIPE OR AS DIRECTED BY ENGINEER.

NOTE: WHERE 2.0 FT. MINIMUM COVER CAN NOT BE MAINTAINED WHEN CROSSING OVER STORM DRAINS OF VARIOUS SIZES, THE CONTRACTOR IS REQUIRED TO GET THE ENGINEER'S DECISION ON THE FOLLOWING:

1. ENCASE WATER MAIN IN CONCRETE OR DIP WITH WATER MAIN OVER DRAIN LINE.
2. GO UNDER DRAIN PIPE WITH WATER MAIN AND AS DIRECTED BY THE ENGINEER; ENCASE IN CONCRETE IF REQUIRED.
3. MINIMUM CLEARANCE SHALL BE 12 INCHES UNLESS OTHERWISE APPROVED BY THE WATER RESOURCES ENGINEER.

SANITARY SEWER CROSSING



#	REVISED	DATE: 7/1/04	STANDARD DETAIL	WATER RESOURCES DEPARTMENT CITY OF MONROE, NC	
1	11/1/2013	SCALE: NONE			
2	11/5/2015	DRAWN BY: DSW	WATER MAIN CROSSING DETAIL	FILE NO. 10.03.00	DIV. NO. 10
3	1/26/2017	CHECKED BY: RKS			
		APPROVED BY: RKS			