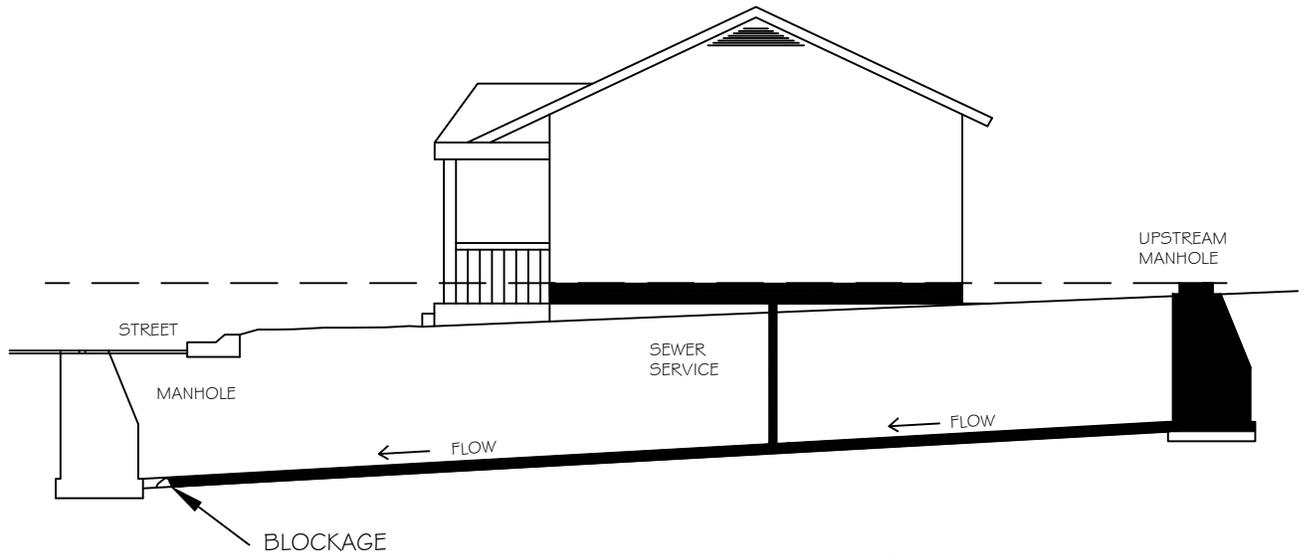
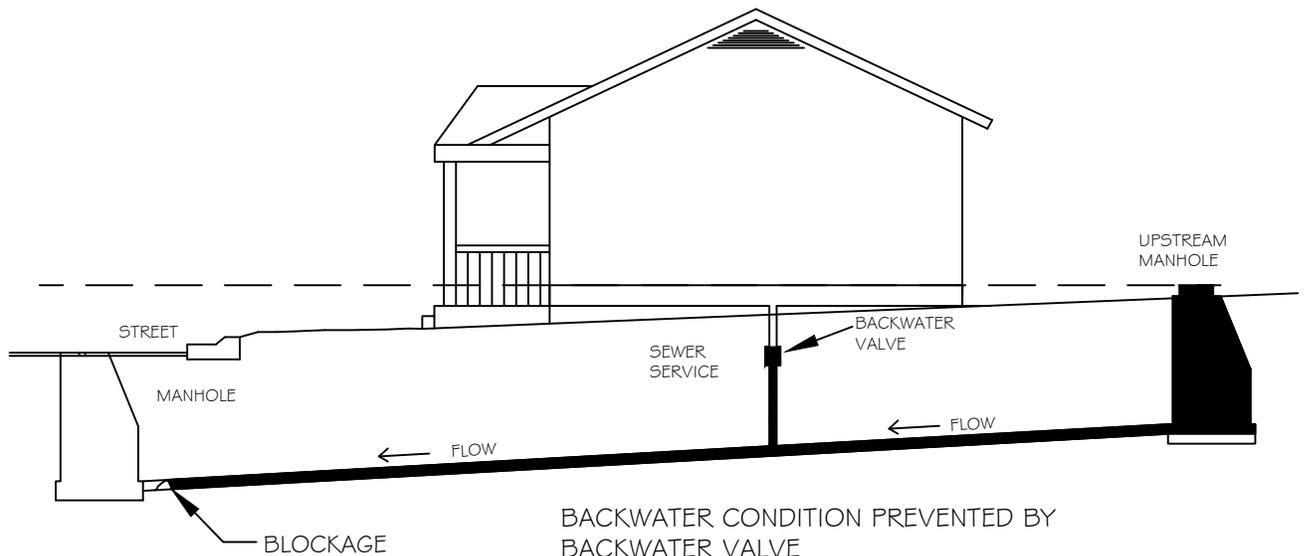


BUILDING WITH NEXT UPSTREAM MANHOLE HIGHER THAN
THE LOWEST DRAIN AND BLOCKAGE IN SEWER MAIN



BACKWATER CONDITION INTO BUILDING
WITHOUT BACKWATER VALVE



BACKWATER CONDITION PREVENTED BY
BACKWATER VALVE

CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
TYPICAL SEWER SERVICE REQUIRING BACKWATER VALVE				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-42	RRH	3-31-00		