



**NOTE**

CROSSINGS: SEWERS CROSSING WATER MAINS SHALL BE LAID BENEATH THE WATER MAIN WITH AT LEAST 18 INCHES VERTICAL CLEARANCE BETWEEN THE OUTSIDE OF THE SEWER AND THE OUTSIDE OF THE WATER MAIN. WHEN IT IS IMPOSSIBLE TO THE SEWER BE LAID ABOVE THE WATER MAIN (1) THE CROSSING SHALL BE ARRANGED SO THAT ONE FULL LENGTH OF SEWER JOINTS AS FAR AS POSSIBLE FROM WATER JOINTS; 2) THE SEWER PIPE MUST BE CONSTRUCTED TO WATER MAIN STANDARDS AND TESTED AS DESCRIBED IN SECTION 629.11 FOR A MINIMUM DISTANCE OF 20 FEET EITHER SIDE OF THE CROSSING OR A TOTAL OF THREE PIPE LENGTHS. (3) THE SEWER SHALL BE PRESSURIZED TO MAINTAIN 50 PSI FOR 15 MINUTES WITHOUT LEAKAGE PRIOR TO BACKFILLING BEYOND ONE FOOT ABOVE THE PIPE TO ASSURE WATER TIGHTNESS; 4) WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN.

NO.	DATE	REVISIONS	BY	CHK'D.
1	1/25/90	REVISED M.H. NOS.		



**Dubois & King Inc.**  
 engineering planning management development

STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 PROFILES  
 SEWER CONNECTION  
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