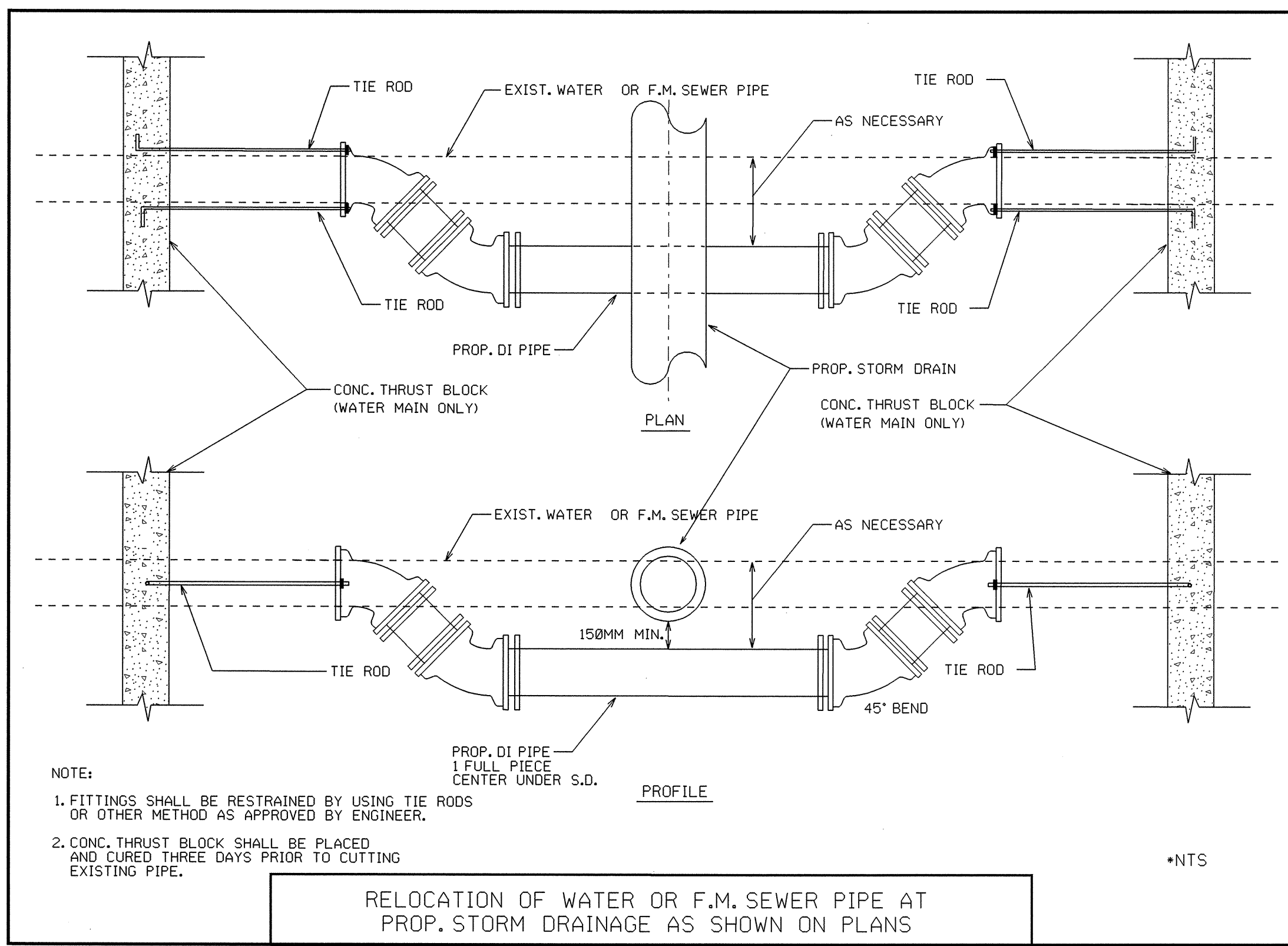
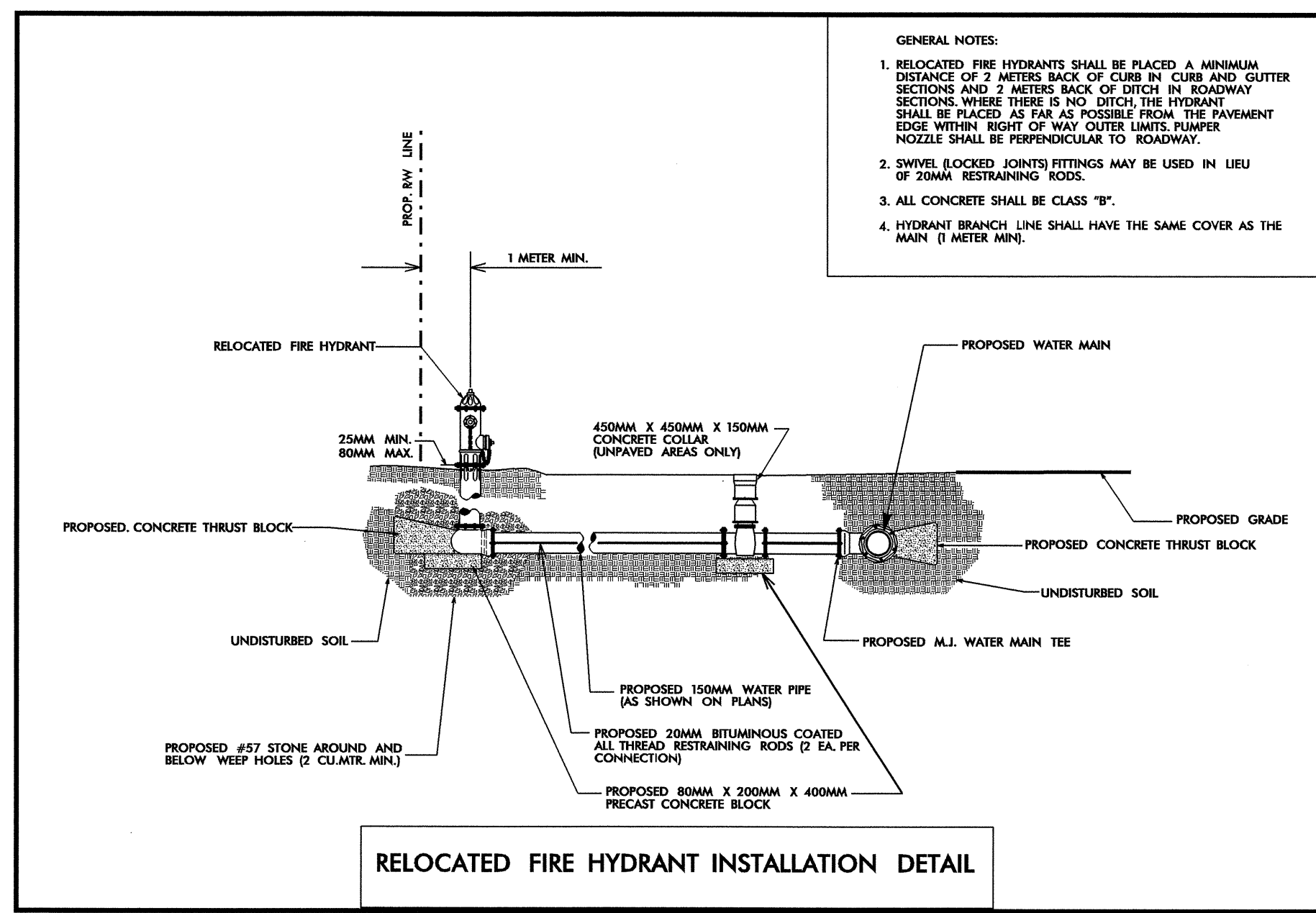


PROJECT REFERENCE NO. U-2734 SHEET NO. UC-16

DESIGNED BY: MRB  
 DRAWN BY: MRB  
 CHECKED BY: RBW  
 APPROVED BY: RBW  
 REVISED:

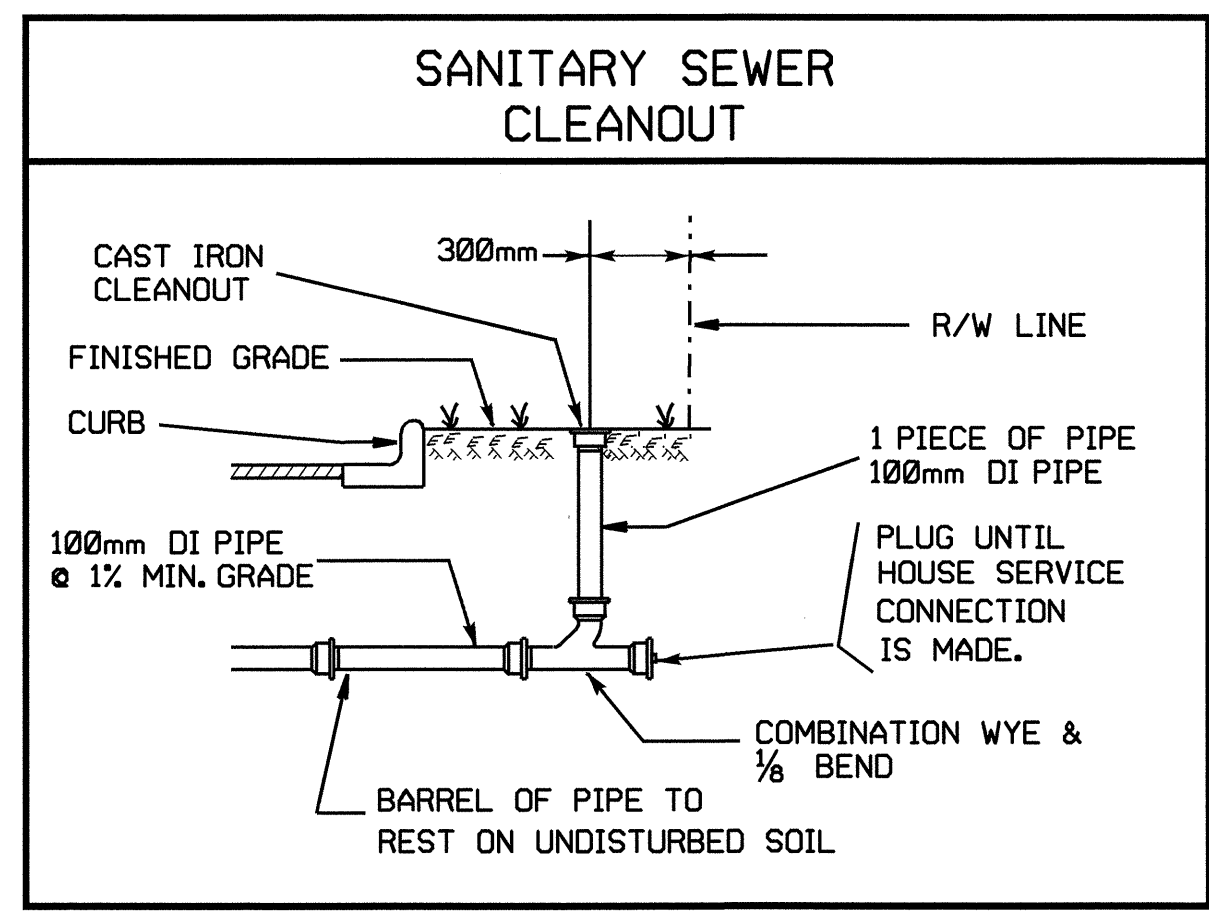
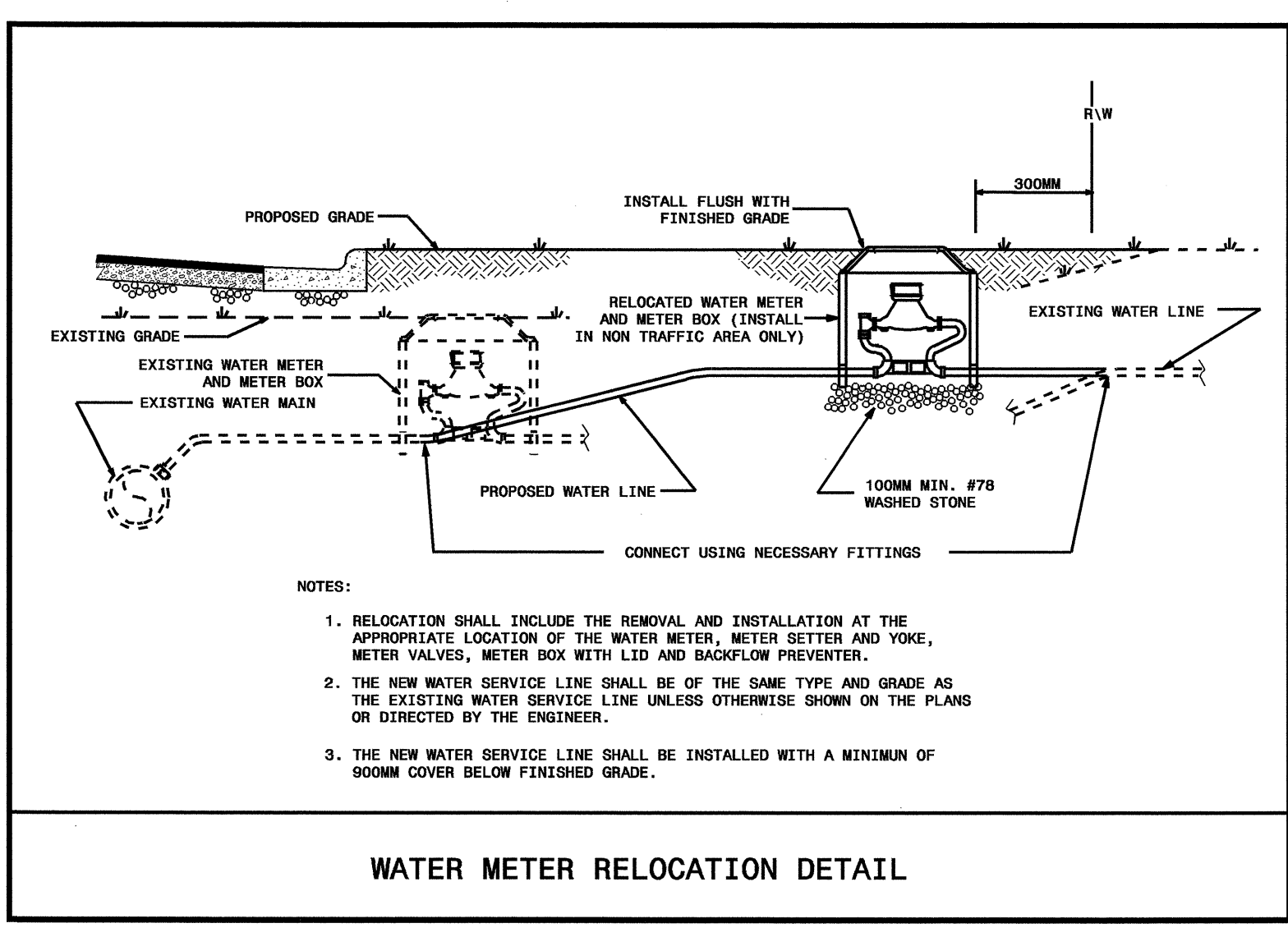
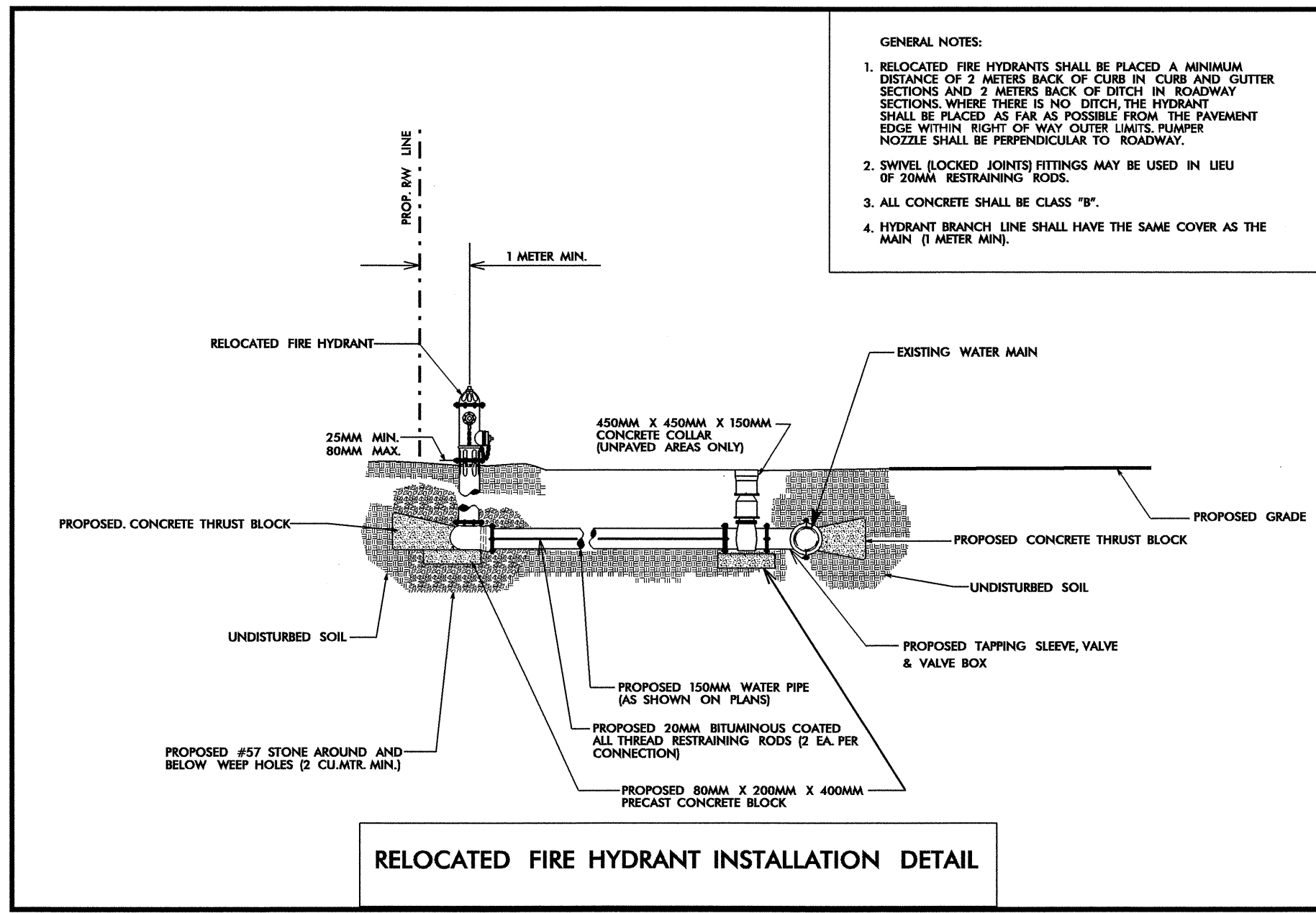
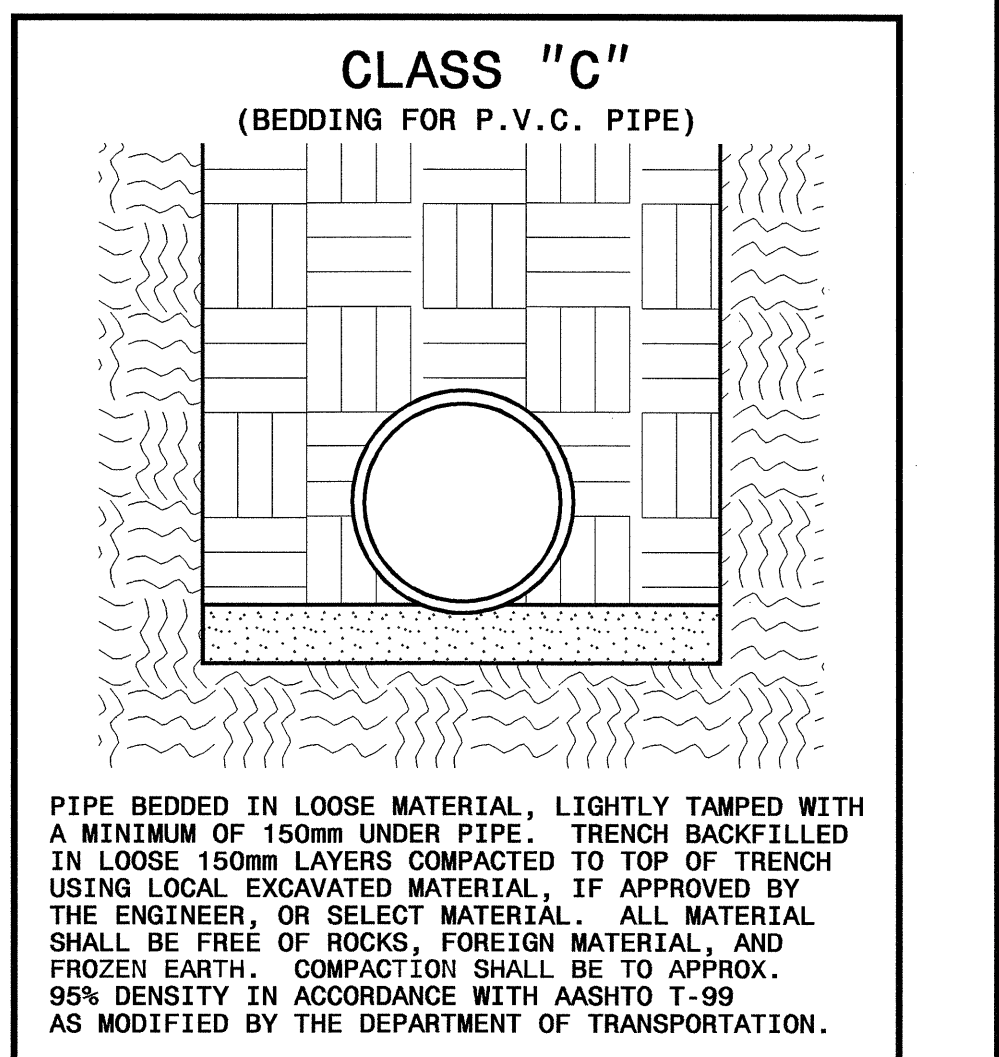
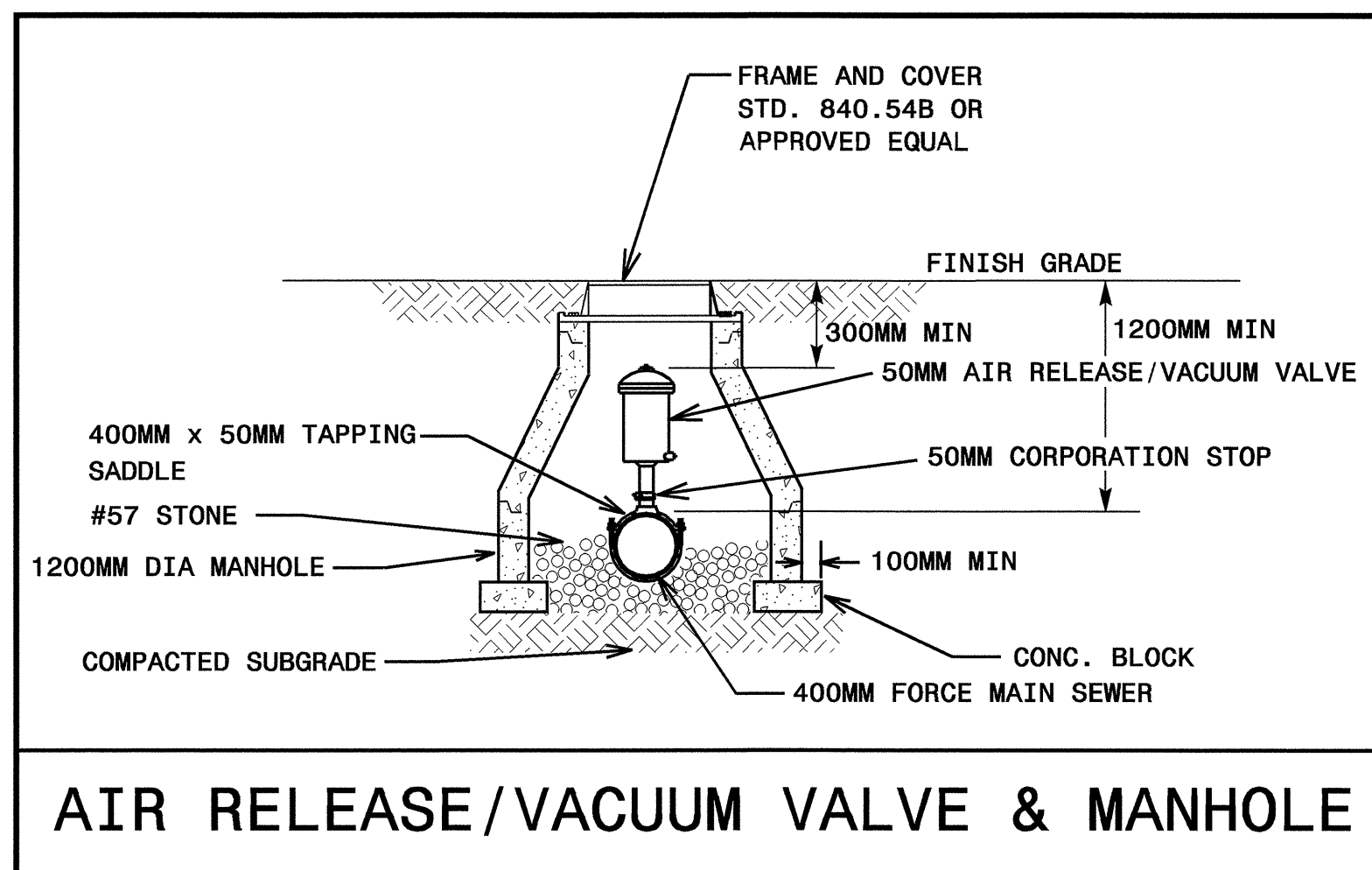
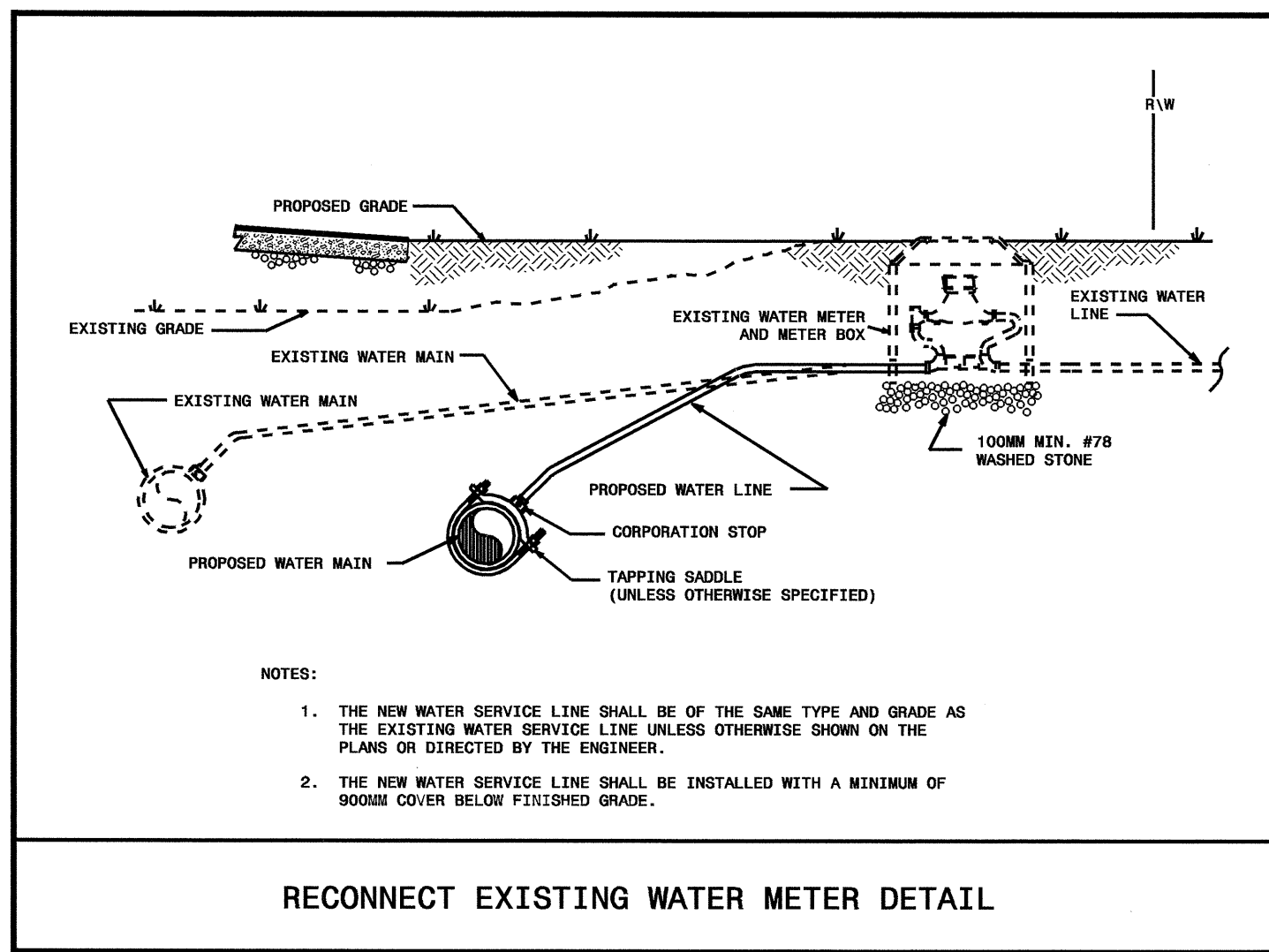
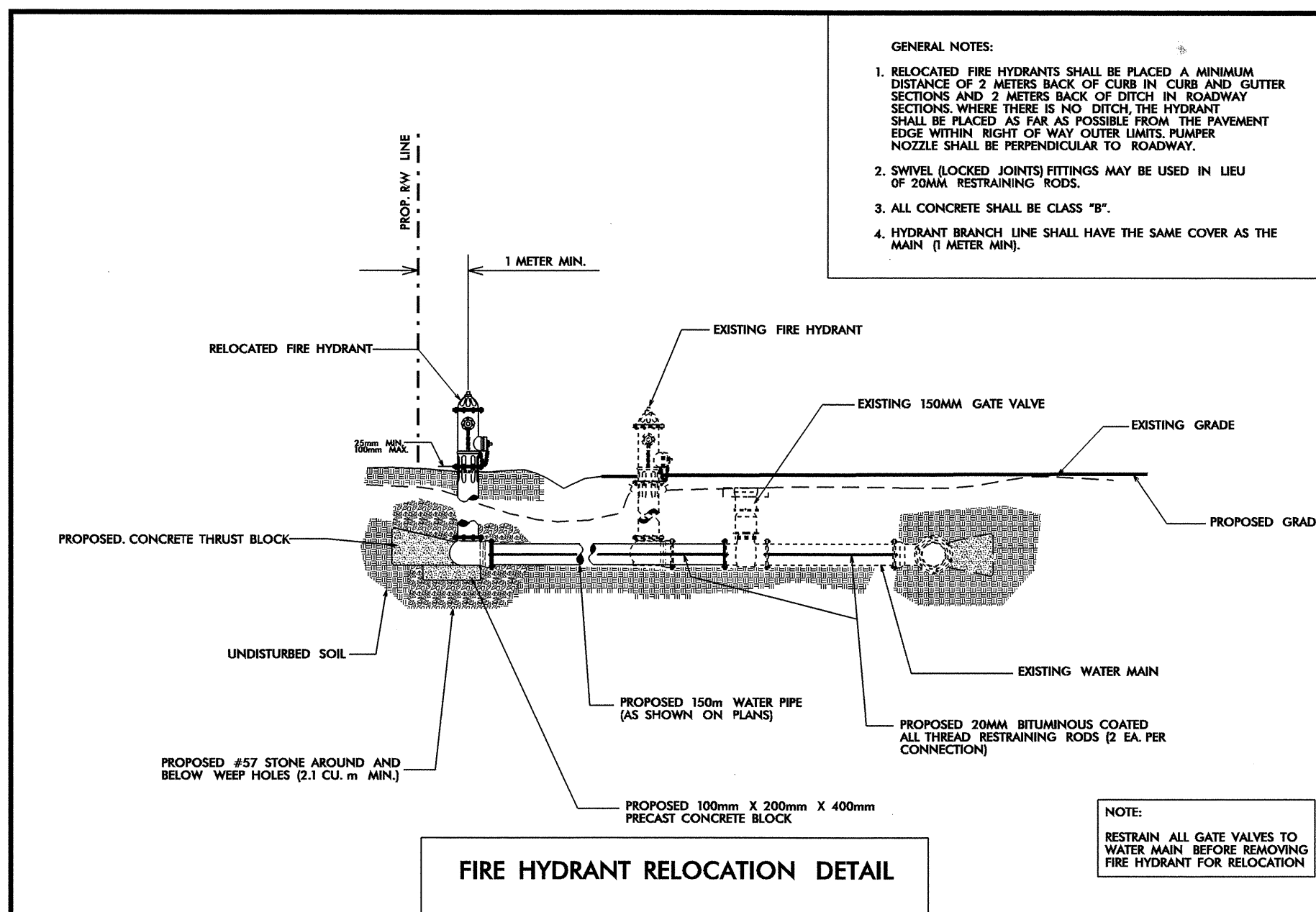
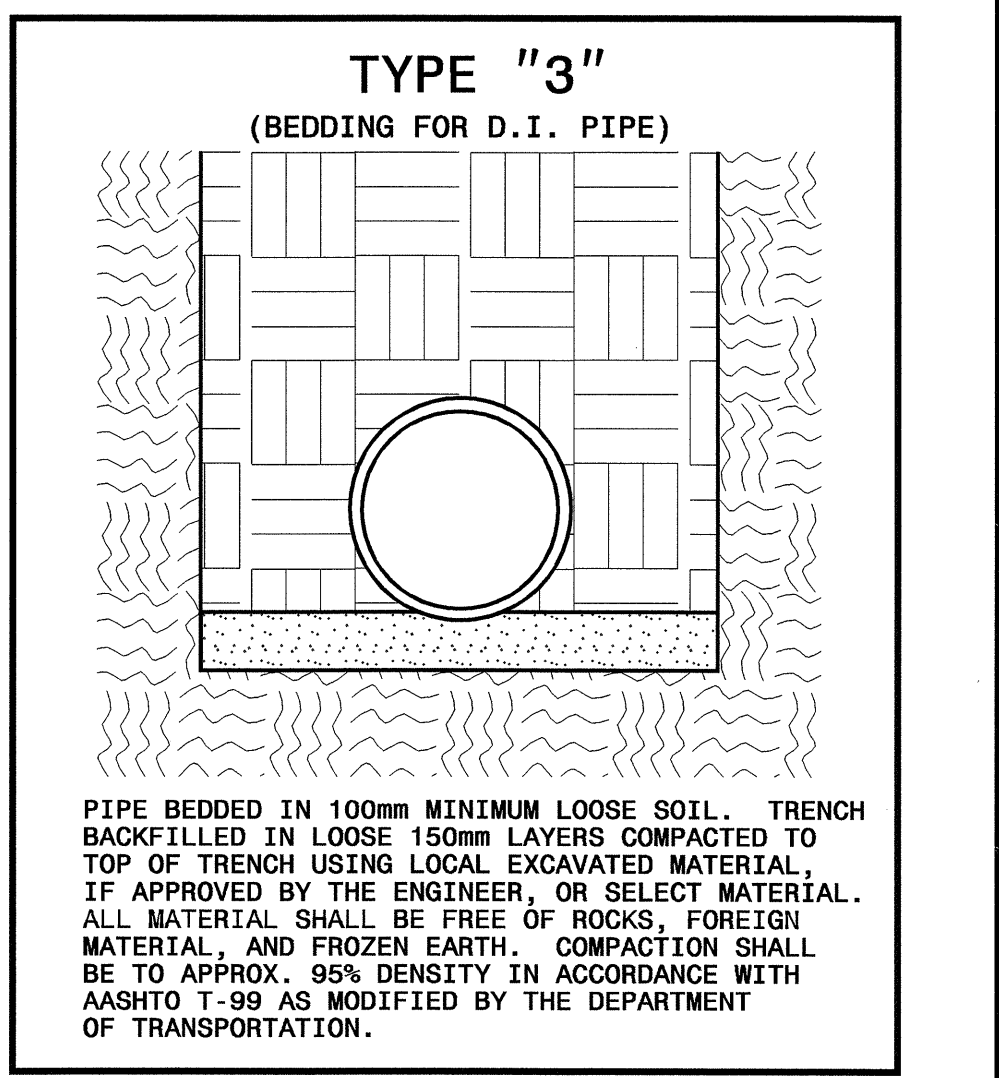
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DESIGN SERVICES UNIT  
 PHONE: (919) 250-6128  
 FAX: (919) 250-4119

PROFESSIONAL ENGINEER  
 RONALD B. WILKINS  
 0157  
 UTILITY CONSTRUCTION PLANS ONLY



**NOTE:**  
 CONCRETE THRUST BLOCKING AND THRUST COLLARS FOR WATER LINES SHALL BE INSTALLED AS SHOWN ON THE CITY OF WILMINGTON STANDARD DETAIL SHEETS SD 4-03, SD 4-10, AND SD 4-11

**UTILITY CONSTRUCTION**



**MAXIMUM TRENCH WIDTH AT TOP OF PIPE**

NOMINAL PIPE SIZE (mm)	TRENCH WIDTH (meters)	NOMINAL PIPE SIZE (mm)	TRENCH WIDTH (meters)
102	0.72	508	1.12
152	0.76	610	1.22
203	0.81	762	1.37
254	0.86	914	1.57
305	0.91	1067	1.68
356	0.97	1219	1.83
406	1.02	1400	1.98
457	1.07		