
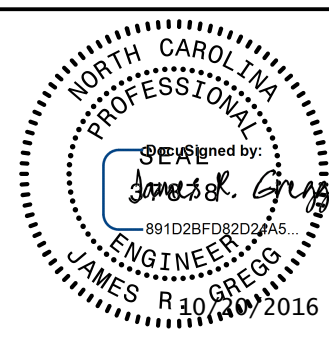


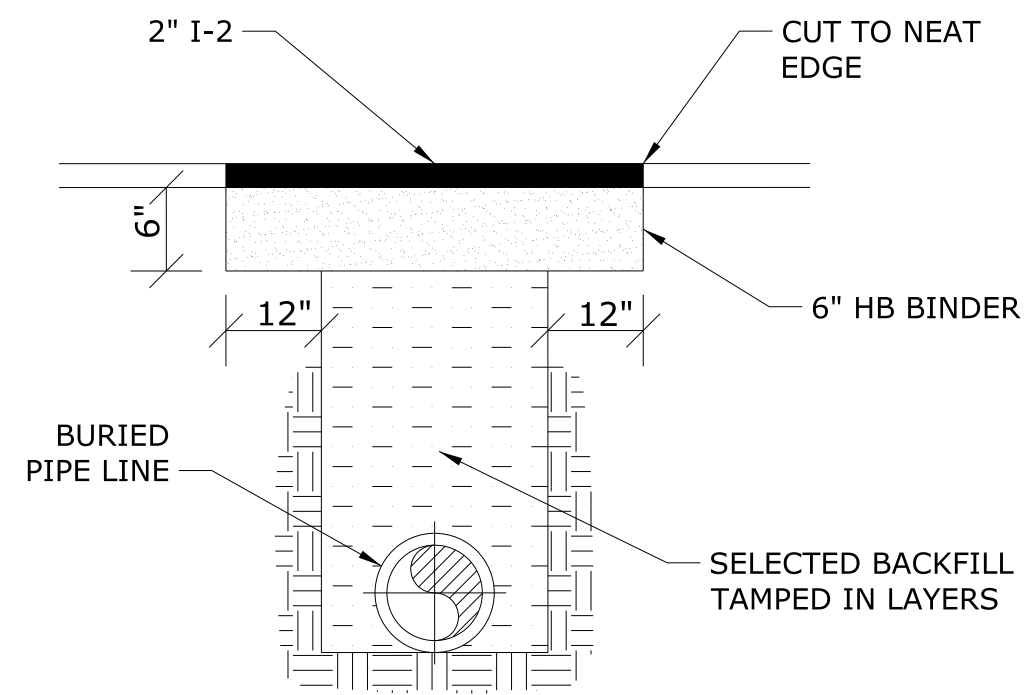


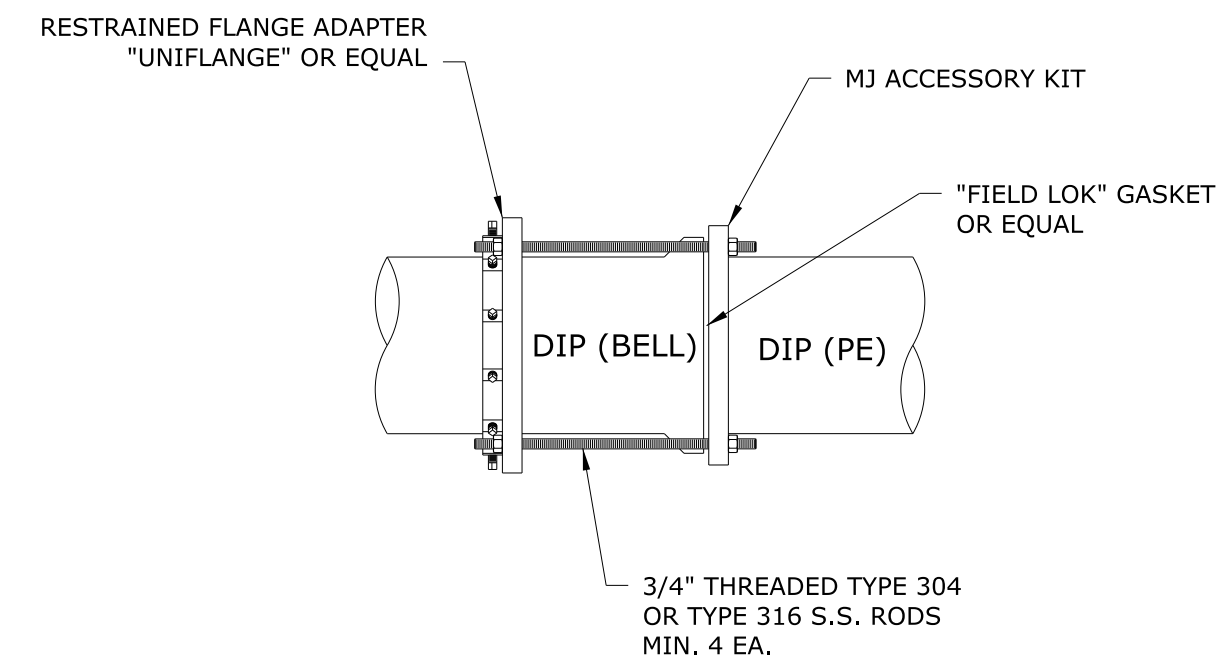
# PROJECT TYPICAL SEWER DETAILS

PREPARED IN THE OFFICE OF:  <b>THE WOOTEN COMPANY</b> ENGINEERING   PLANNING   ARCHITECTURE 120 North Spade Avenue Raleigh, NC 27603-1423 919.878.0531 fax 919.878.5989 License Number: F-4015	PROJECT REFERENCE NO.	SHEET NO.
	U-3109A	UC-3B
DESIGNED BY: JRG		
DRAWN BY: TK		
CHECKED BY: JRG		
APPROVED BY: MDS	REVISED:	
VERTICAL SCALE 		HORIZONTAL SCALE 
SEWER LINE CONSTRUCTION SHOWN ON THIS SHEET		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151

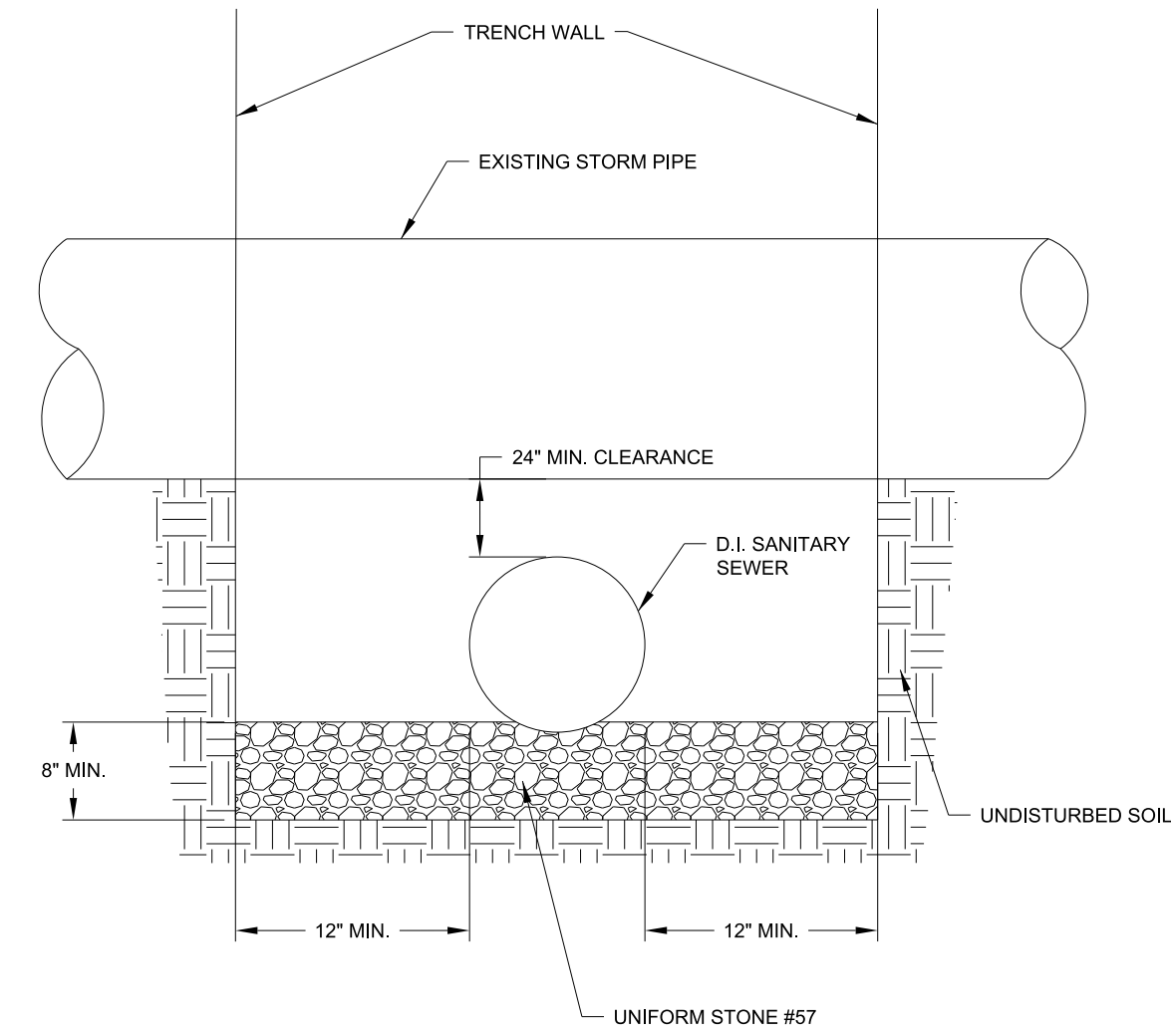
UTILITY CONSTRUCTION



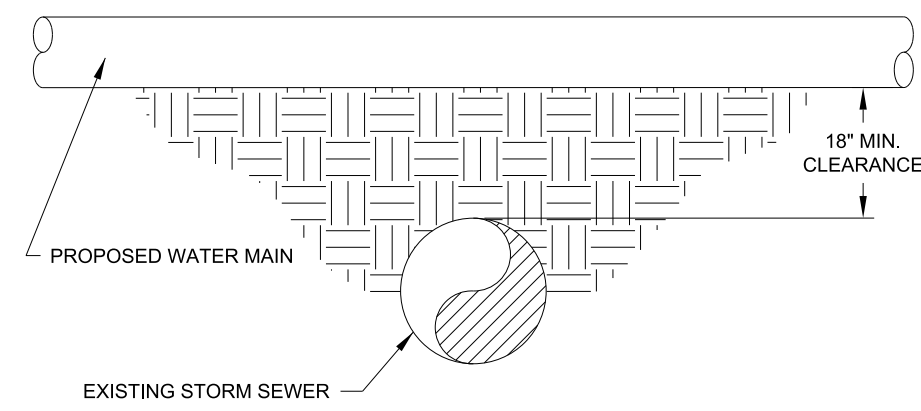
**PAVEMENT REPAIRS FOR  
NCDOT ROAD OPEN CUTS**  
NOT TO SCALE



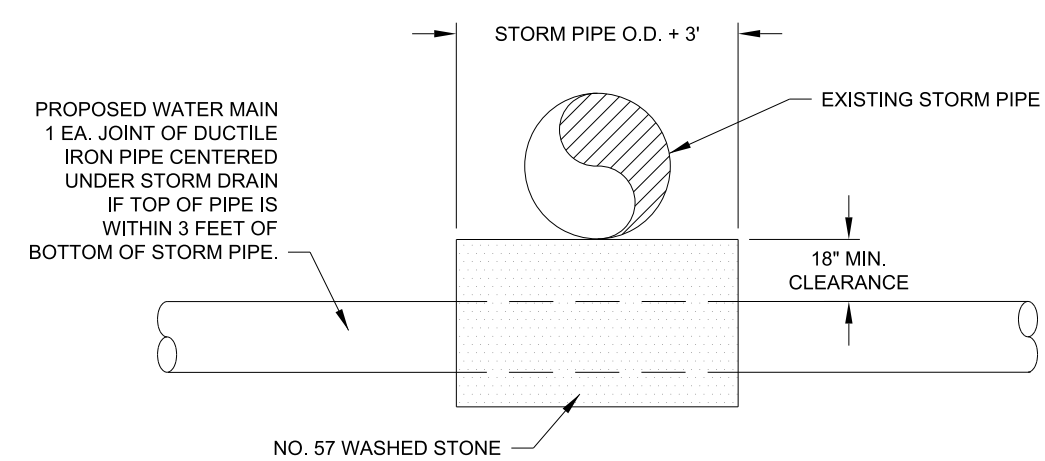
**HARNESS RESTRAINT DETAIL**  
NOT TO SCALE



**STORM SEWER CROSSING DETAILS**  
NOT TO SCALE



NOTE:  
WATER LINE SHALL BE DUCTILE IRON PIPE  
AT ALL AREAS WHERE MIN 12" CLEARANCE  
CANNOT BE MAINTAINED. INSTALL AT LEAST  
ONE JOINT CENTERED OVER STORM DRAIN.



**STORM SEWER CROSSING DETAILS**  
NOT TO SCALE