

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300-5".

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

LINE & STATION	OFFSET		STRUCTURE NUMBER		Side Drain Pipe (RCP, CSP, CAAP, HDPE, or PVC)												C. S. PIPE					R. C. PIPE CLASS IV												ENDWALLS		REINFORCED ENDWALLS		QUANTITIES FOR DRAINAGE STRUCTURES				FRAME, GRATES, AND HOOD				CONCRETE TRANSITIONAL SECTION				C.A.A. CORRUGATED ALUMINUM ALLOY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					THICKNESS OR GAUGE												DO NOT USE RCP DO NOT USE CSP DO NOT USE CAAP DO NOT USE HDPE DO NOT USE PPP DO NOT USE PVC					18" WELDED STEEL PIPE 0.25" THICK, GRADE B IN SOIL					18" WELDED STEEL PIPE 0.25" THICK, GRADE B NOT IN SOIL					24" WELDED STEEL PIPE 0.375" THICK, GRADE B IN SOIL					24" WELDED STEEL PIPE 0.375" THICK, GRADE B NOT IN SOIL					30" WELDED STEEL PIPE 0.50" THICK, GRADE B IN SOIL					30" WELDED STEEL PIPE 0.50" THICK, GRADE B NOT IN SOIL					CY STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)				CY STD. 840.01 OR STD. 840.02				CY STD. 840.03				CY STD. 840.04 OR STD. 840.06				CY STD. 840.07 OR STD. 840.08				CY STD. 840.09 OR STD. 840.10 (SY)				CY STD. 840.11 (SY)				CY FLOWABLE FILL				CY CONCRETE COLLARS CL. "B" STD. 840.72				CY CONCRETE AND BRICK PIPE PLUG STD. 840.71				PIPE REMOVAL				REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	FT.	INVERT ELEVATION	FT.	INVERT ELEVATION	FT.	MINIMUM REQUIRED SLOPE	12	15	18	24	30	36	42	48																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								