

001	MPACTION JIREMENTS		
BACKFILL	% COMPACTION		
FINAL	95%		
PRIMARY OR SECONDARY	CLASS II-90% CLASS III-95% CLASS IVA-95%		
HAUNCH	90%		
PIPE BEDDING	90%		

				ALLOWABLE	DEPTH OF F	LL ABOVE 1	TOP OF PIPE
	TYPE OF PIPE	MATERIAL	USE	TYPE C EMBED.	TYPE B EMBED.	CSE EMBED.	TYPE A-1 EMBEDMENT
	PIPE STIFFNESS >651 PSI	RCP; ASTM C 76 CLASS III; 12"-24"	STORM, GRAVITY	UP TO 8'	UP TO 10'	UP TO 10'	UP TO 10'
		RCP; ASTM C 76 CLASS III; 27''-84''	STORM, GRAVITY	UP TO 10'	UP TO 13'	UP TO 13'	UP TO 13'
		RCP; ASTM C 76 CLASS IV; 12"-24"	STORM, GRAVITY	UP TO 12'	UP TO 16'	UP TO 16'	UP TO 16'
		RCP; ASTM C 76 CLASS IV; 24''-27''	STORM, GRAVITY	UP TO 16'	UP TO 23'	UP TO 23'	UP TO 23'
		RCP; ASTM C 76 CLASS V; 12"-21"	STORM, GRAVITY	UP TO 19'	UP TO 25'	UP TO 25'	UP TO 25'
RIGID		RCP; ASTM C 76 CLASS V; 24''-84''	STORM, GRAVITY	UP TO 30'	UP TO 40'	UP TO 40'	UP TO 40'
		DUCTILE IRON; AWWA C151 (CLASS 52); 8"-54"	SANITARY, GRAVITY	UP	TO 50', NO BE	EDDING REQU	JIRED
		DUCTILE IRON; AWWA C151 (CLASS 52); 4''-64''	SANITARY, FORCE MAIN	UP	TO 50', NO BE	EDDING REQU	JIRED
		EXTRA STRENGTH, VCP; ASTM C 700 8''-10''	SANITARY, GRAVITY	UP TO 16'	UP TO 20'	JP TO 24'	UP TO 24'
		EXTRA STRENGTH, VCP; ASTM C 700 12''-21''	SANITARY, GRAVITY	UP TO 12'	UP TO 15' I	JP TO 18'	UP TO 18'
		EXTRA STRENGTH, VCP; ASTM C 700 24''-42''	SANITARY, GRAVITY	UP TO 13'	UP TO 18'	JP TO 23'	UP TO 23'
	PIPE STIFFNESS 151 PSI TO 650 PSI	PVC; ASTM D 3034 (SDR 23.5); 8''-15''	SANITARY, GRAVITY			UP TO 30'	UP TO 30'
SEMI-RIGID		PVC; ASTM D 2680 (TRUSS); 8"-15"	SANITARY, GRAVITY			UP TO 30'	UP TO 30'
		PVC; AWWA C900 (DR18); 4''-12''	SANITARY, FORCE MAIN,	WATER UP	TO 30', NO BE	EDDING REQU	JIRED
		PVC; AWWA C905 (DR18); 14''-24''	SANITARY, FORCE MAIN	UP -	TO 30', NO BE	EDDING REQU	JIRED
	PIPE STIFFNESS 46 PSI TO 150 PSI	PVC; ASTM D 3034 (SDR 35 & 26); 8"-15"	SANITARY, GRAVITY				UP TO 30'
		PVC; ASTM F 679 (T-1 WALL); 18''-27''	SANITARY, GRAVITY				UP TO 30'
FLEXIBLE		PVC; ASTM F 949 ; 8"-36"	SANITARY, GRAVITY				UP TO 30'
		PVC; ASTM F 1803 (CLOSED PROFILE); 21"-36"	SANITARY, GRAVITY				UP TO 30'
		PVC; ASTM F 949 ; 12''-36''	STORM, GRAVITY			JP TO 30'	UP TO 30'
		HDPE; AASHTO M 294	STORM, GRAVITY				UP TO 11'

