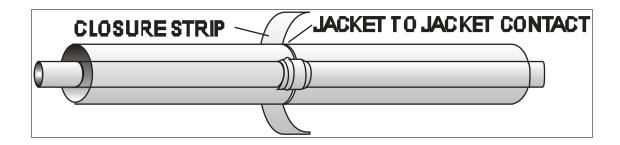
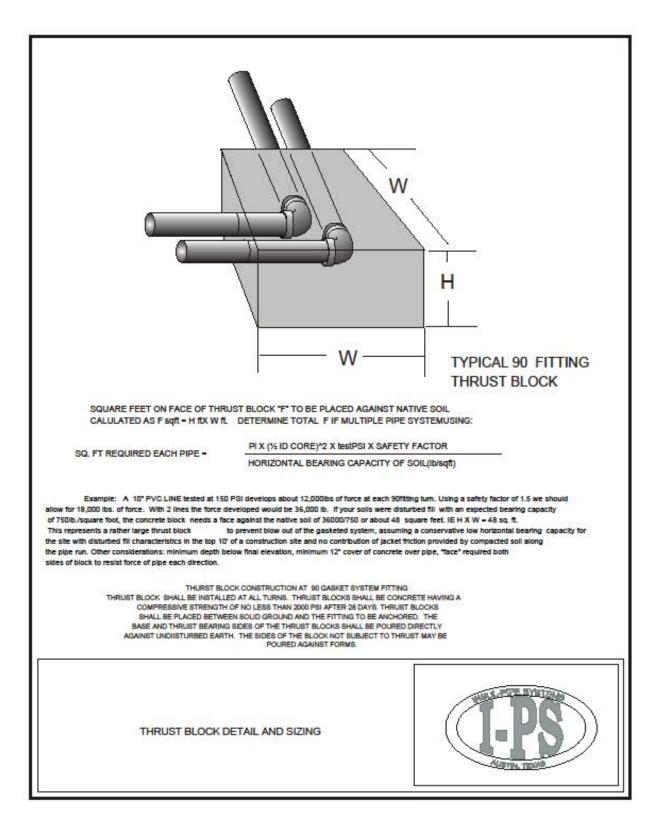
INSUL-PIPE SYSTEMS

PVC CORE * PVC CLAD * SERVICE TEMP: +35 TO +100 F

		STUDIOE I			
PIPING SYSTEM:	Underground pre-insulated chilled water supply and return				
	piping system.				
CARRIER PIPE:	POLYVINYLCHLORIDE (PVC) Schedule 40/80, bell and				
	spigot, solvent	weld (glue type	e) joints.		
OUTER JACKET: Polyvinylchloride (PVC) white, low pre				rated, seamless,	
	ASTM D-1784, Class 1, Type 1. Able to withstand H-20				
INSULATION: Highway loading. Thic			hickness as shown below.		
	Polyurethane, 2.5 PCF density, 90 to 95% closed cell, poured				
	in place, "K" = .14 per inch @ 75 degrees F. Thickness as				
END SEALS: shown below.					
	Factory applied, waterproof mastic covering the urethane				
	insulation at the end of each joint of pipe and bonded to the				
JOINT COVERS:	carrier pipe and the outer jacket.				
	Coupling joints on straight pipe are sealed with polyethylene				
tape at the jacket-to-jacket connection.					
FITTINGS: Fittings are solvent weld type, Schedule 40 PV				VC, un-insulated	
	ovided with co	ncrete thrust blo	ocks at all		
changes of direction.					
Insulation	Jacket	Jacket		Heat	
Nominal Thickness	O.D.	Thickness	Insulation	Transfer	
Pipe Size Inches	Inches	Inches	"R" Value	BTU/LF/FDT	
1½ 1.23	4.50	0.060	8.78	0.0585	
2 1.00		0.060	7.14	0.0872	
2 1.82		0.060	13.71	0.0405	
21⁄2 1.55		0.060	11.07	0.0535	
3 1.25		0.060	8.55	0.0813	
4 1.75		0.080	12.50	0.0741	
6 1.68		0.100	12.00	0.1556	
8 1.69	12.24	0.120	12.07	0.1870	
10 1.65 12 1.47	14.32 16.00	0.140 0.160	11.78 10.50	0.2388 0.3179	



INSUL-PIPE SYSTEMS



INSUL-PIPE SYSTEMS – AUSTIN, TEXAS – 800-869-7473