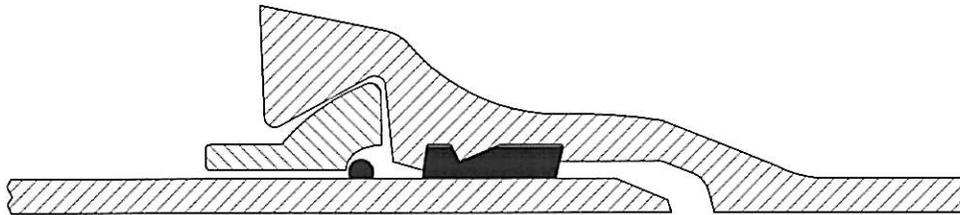


TYPE 'A': SIZES 6" – 24" TYTON JOINT



TYPE 'B': SIZES 30" – 36" FASTITE JOINT

FITTING TYPE / SIZE	PIPE SIZE			
	12"	8"	6"	4"
	NUMBER OF 18' PIPE LENGTHS REQUIRED WITH RESTRAINED JOINTS IN EACH DIRECTION			
90° BENDS, TEES, CROSSES, VALVES & DEAD-ENDS	7	5	4	3
11-¼° BENDS	2	2	1	1
22-½° BENDS	3	3	2	2
45° BENDS	5	4	3	3

NOTE: FOR STATIC SYSTEM PRESSURE GREATER THAN 85 P.S.I. ADJUST AS FOLLOWS:

- FOR 12" PIPE, ADD ONE FULL 18' PIPE LENGTH PER EACH 10 P.S.I. IN EXCESS OF 85 P.S.I.
- FOR 8" PIPE, ADD ONE FULL 18' PIPE LENGTH PER EACH 15 P.S.I. IN EXCESS OF 85 P.S.I.
- FOR 4" & 6" PIPE, ADD ONE FULL 18' PIPE LENGTH PER EACH 20 P.S.I. IN EXCESS OF 85 P.S.I.



CITY of LEBANON SUPPLEMENTAL DRAWING

APPROVED

Daniel J. Giacomin
CITY ENGINEER

RESTRAINED PIPE
PUSH-ON JOINTS

DATE:
Jan. 2009

DRAWING NO:
01100-01