WAT	ER CALCULATION WORKSHEET FOR	***	
INFO	RMATION REQUIRED TO CALCULATE WATER SERVICE SIZE		
1.	Demand of building in gallons per minute. WSFU's	= (GPM)	15
2.	Difference in elevation from main or external pressure tank to building control v	valve. (feet)	
3.	Size of the water meter. (When applicable) 5/8", 3/4", 1", 1-1/2", 2", 3", 4", 6"		
4.	Developed length from main or external pressure tank to building control valve. (feet)		
5.	Low pressure at main in street or external pressure tank.	(psig)	
<u> </u>	Low procedure at main in street of external procedure tank.	(paig)	
CALC	CULATE WATER SERVICE PRESSURE LOSS		
6.	Low pressure at main in street or external pressure tank. (value of # 5 above)	-	
7.	Water service diameter is Material is Pressure loss per 100 ft = psi. X(decimal equivalent of service length, i.e.; 65ft = .65)		
	(Subtract line 7. from line	6.) subtotal	
8.	Determine pressure gain or loss due to elevation, (multiply the value of # 2 above by .434)	value of "8"	27
9.	Available pressure after the bldg. control valve. (Subtract or add line 8. Enter in	"B".) subtotal	
CALC	ULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF "A")		
В.	Available pressure after the bldg. control valve. (from "9" above)	Value of "B"	
C.	Pressure loss of water meter (when meter is required or installed)	Value of "C"	
	(Subtract line C. from line B.) su	ıbtotal	
D.	Pressure at controlling fixture.	Value of "D"	
	(Controlling fixture is) (Subtract the value of	of D.) subtotal	
E.	Difference in elevation between the building control valve and the controlling fixture in feet X .434 psi/ft.	Value of "E"	
	(Subtract the value o	f E.) subtotal	
F.	Pressure loss due to water treatment devices, instantaneous water heaters and backflow preventers which serve the controlling fixture.	Value of "F"	
	(Pressure loss due to)	of F.) subtotal	
G.	Developed length from building control valve to controlling		
	fixture in feet X 1.5	Value of "G"	
	(Divide by the value of (Water distribution piping material is)	f.G.) subtotal	
		oly by1	00_
A.	Pressure available for uniform loss "A" =	=	