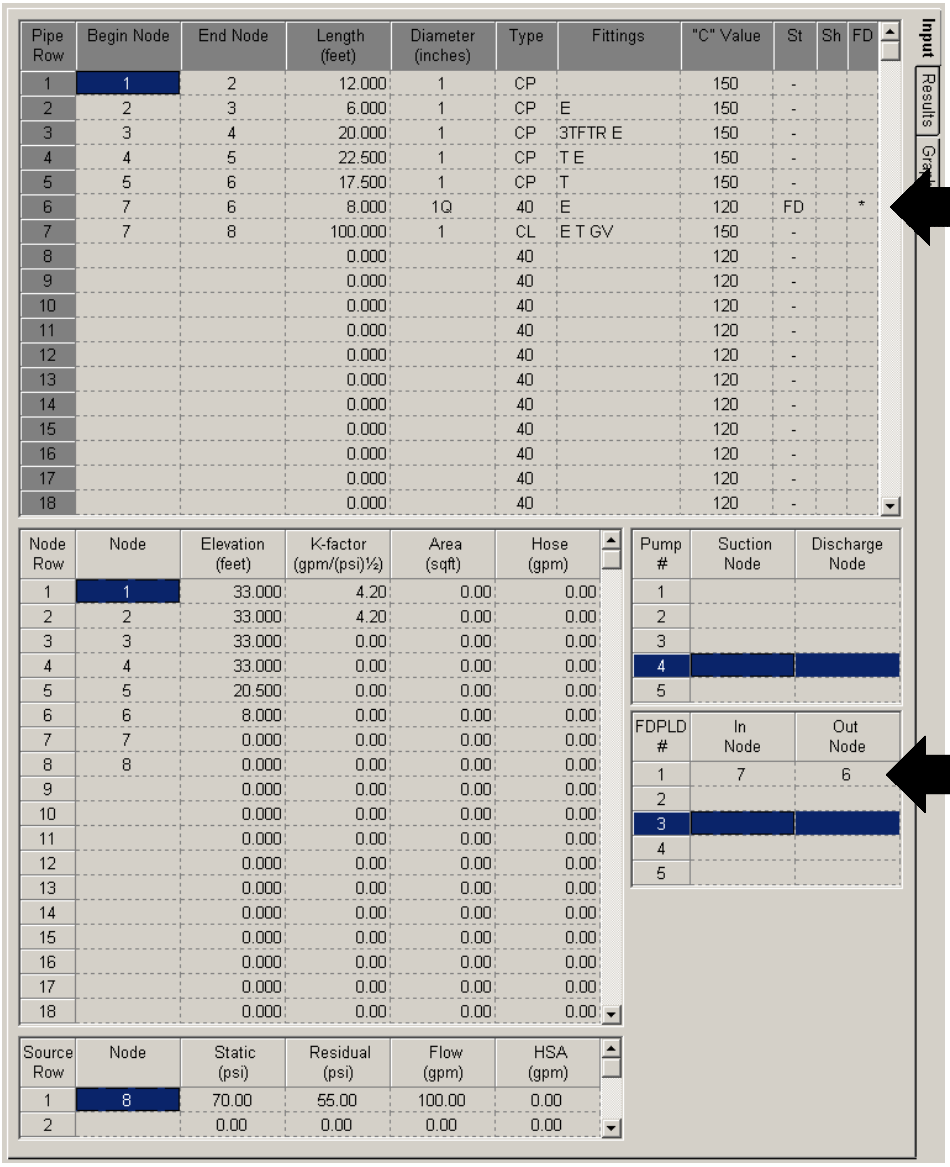
DEMO - HOUSE

Filename: Demo - House.the



Pipe Row	Begin Node	End Node	Length (feet)	Diameter (inches)	Type	Fittings	"C" Value	St	Sh	FD
1	1	2	12.000	1	CP		150	-		
2	2	3	6.000	1	CP	E	150	-		
3	3	4	20.000	1	CP	3TFTR E	150	-		
4	4	5	22.500	1	CP	T E	150	-		
5	5	6	17.500	1	CP	T	150	-		
6	7	6	8.000	1Q	40	E	120	FD		*
7	7	8	100.000	1	CL	E T GV	150	-		
8			0.000		40		120	-		
9			0.000		40		120	-		
10			0.000		40		120	-		
11			0.000		40		120	-		
12			0.000		40		120	-		
13			0.000		40		120	-		
14			0.000		40		120	-		
15			0.000		40		120	-		
16			0.000		40		120	-		
17			0.000		40		120	-		
18			0.000		40		120	-		

Node Row	Node	Elevation (feet)	K-factor (gpm/(psi)½)	Area (sqft)	Hose (gpm)
1	1	33.000	4.20	0.00	0.00
2	2	33.000	4.20	0.00	0.00
3	3	33.000	0.00	0.00	0.00
4	4	33.000	0.00	0.00	0.00
5	5	20.500	0.00	0.00	0.00
6	6	8.000	0.00	0.00	0.00
7	7	0.000	0.00	0.00	0.00
8	8	0.000	0.00	0.00	0.00
9		0.000	0.00	0.00	0.00
10		0.000	0.00	0.00	0.00
11		0.000	0.00	0.00	0.00
12		0.000	0.00	0.00	0.00
13		0.000	0.00	0.00	0.00
14		0.000	0.00	0.00	0.00
15		0.000	0.00	0.00	0.00
16		0.000	0.00	0.00	0.00
17		0.000	0.00	0.00	0.00
18		0.000	0.00	0.00	0.00

Pump #	Suction Node	Discharge Node
1		
2		
3		
4		
5		

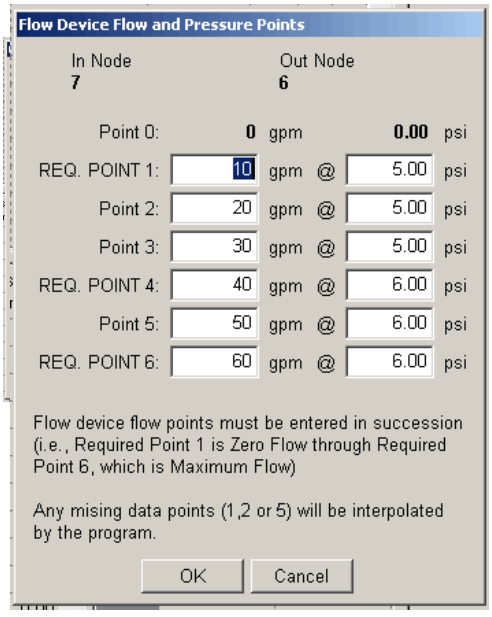
FDPLD #	In Node	Out Node
1	7	6
2		
3		
4		
5		

Source Row	Node	Static (psi)	Residual (psi)	Flow (gpm)	HSA (gpm)
1	8	70.00	55.00	100.00	0.00
2		0.00	0.00	0.00	0.00

Click on the "St" (Status) column to insert a flow device such as a Double Check Valve Assembly.

Double click on the asterisk in the "FD" (Fitting Description) column to view the fitting description.

Click on the Row # in the FDPLD (Flow Dependent Pressure Loss Device) Table to see the pressure losses for the flow device.



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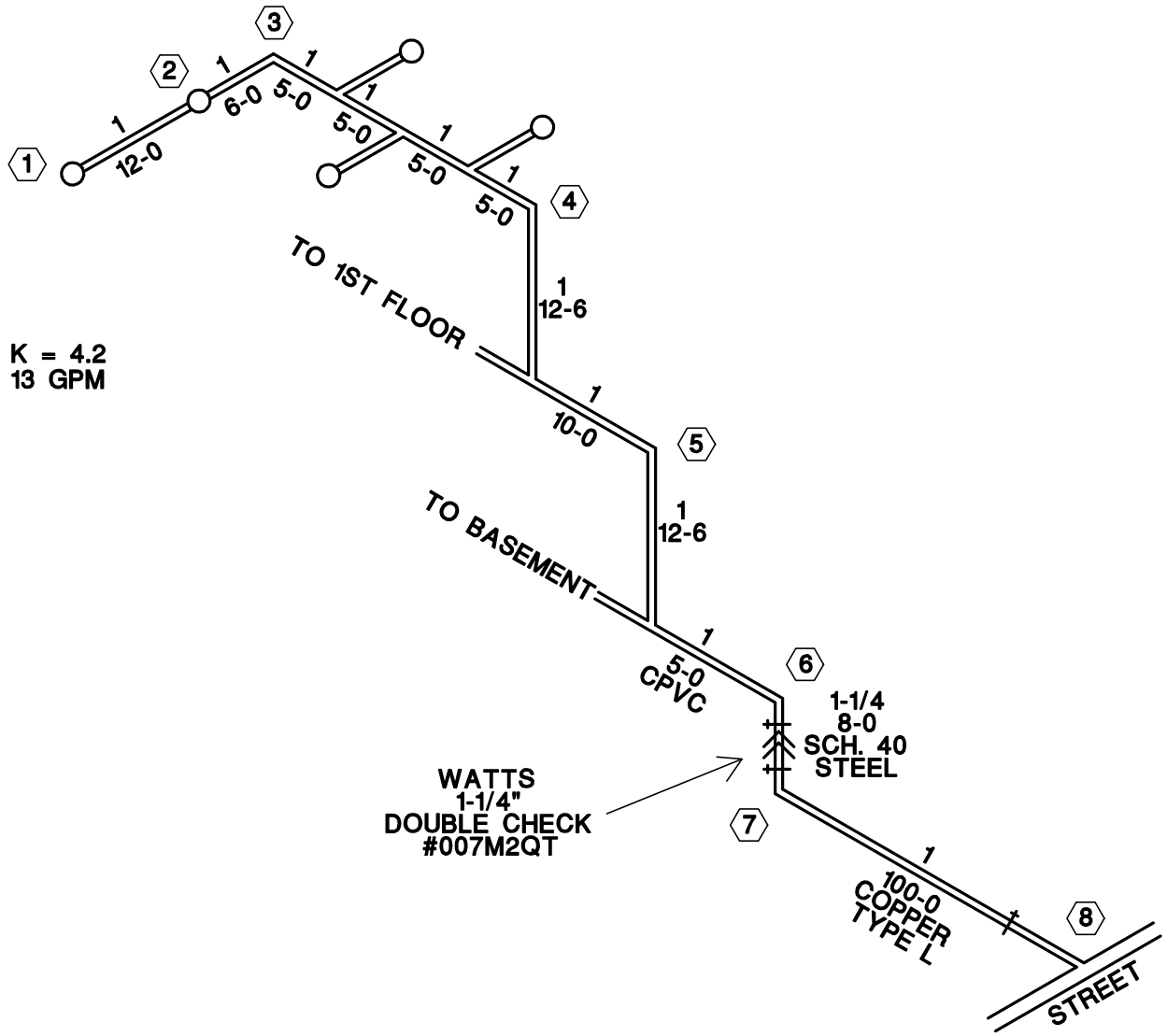

WATER SUPPLY TEST
STATIC - 70 PSI
RESIDUAL - 55 PSI
FLOW - 100 GPM