



PIPE DIAMETER	FLOW REQUIRED TO PRODUCE 0.76 m/s (APPROX) VELOCITY IN MAIN	SIZE OF TAP (mm)			NUMBER OF OPEN 64mm HYDRANT OUTLETS
		25	38	51	
mm	l/s	NUMBER OF TAPS ON PIPE			mm
100	6.3	1	-	-	mm
150	12.6	-	1	-	1
200	25.2	-	2	1	1
250	37.9	-	3	2	1
300	56.8	-	-	2	2
400	109.9	-	-	4	2

REQUIRED FLOW AND OPENINGS TO FLUSH PIPELINES 276kPa/40 PSI RESIDUAL PRESSURE IN WATERMAIN

NOTES:

1. ANY ALTERATIONS FROM THE CONFIGURATION ARE TO BE APPROVED BY THE TOWN.
2. ALL BENDS, JOINTS AND CAPS ARE TO BE MECHANICALLY RESTRAINED PER BWG DESIGN STANDARD B109.
3. CATHODIC PROTECTION PER BWG DESIGN STANDARD D113.
4. ALL VALVES, FITTINGS AND MECHANICAL RESTRAINTS TO BE C/W DENSO PASTE, DENSO MASTIC AND DENSO TAPE OR APPROVED EQUAL, APPLIED TO MANUFACTURERS RECOMMENDATIONS.
5. CARE IS TO BE TAKEN TO ENSURE TRENCH IS SUFFICIENTLY DRAINED AND CLEANED TO PREVENT CONTAMINATION OF A FINAL CONNECTION.

ALL DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED

TOWN OF BRADFORD WEST GWILLIMBURY

TEMPORARY WATER CONNECTION

SCALE: N.T.S.

LAST REVISED: MAY 2014

STD.DWG.

D101