



PIPE IN	METER	PIPE OUT	CODE
19mm	19mm	19mm	R
25mm	19mm	19mm	R/O
25mm	25mm	25mm	L/C

INSTALLATION NOTES - RESIDENTIAL

- SUPPLY LINE TO BE "M" TYPE COPPER, 25mm FOR NEW CONSTRUCTION OPTIONAL 19mm FOR EXISTING DEVELOPMENT.
- SUPPLY LINE MUST BE INSTALLED AS PER BUILDING CODE AND BUILDING DEPARTMENTS REQUIREMENTS PROTECTED FROM FROST AND BE FLUSHED, PRESSURE TESTED AND INSPECTED PRIOR TO BACKFILLING.
- LINE TO BE SET INTO BUILDING AT CLOSET FRONT PORTION IN A HEATED AREA THAT IS ACCESSIBLE FOR READING, SERVICE WORK AND THAT IT ADHERES TO TOWN STANDARDS DRAWINGS.
- THE METER INLET VALVE SHALL BE A FULL PORT BALL TYPE WITH DIRECT SEAL CONNECTION TO THE METER INLET ONLY. THIS IS A MUNICIPAL TYPE VALVE, THE VALVE IS TO HAVE ONLY A GASKET CONNECTION TO THE METER. NO TREAD OR SEALANT COMPOUND.
- A BACKFLOW IS REQUIRED ON THE OUTLET SIDE OF THE METER USING ONLY A GASKET.
- AN ISOLATION VALVE IS ALSO DOWNSTREAM OF THE BACKFLOW PREVENTER FOR SERVICE WORK.
- A PRESSURE EXPANSION TANK AND/OR PRESSURE RELIEF VALVE IS REQUIRED TO PROTECT THE BUILDING FROM OVERPRESSURE DUE TO THERMAL EXPANSION. SHOULD AN EXPANSION TANK BE INSTALLED, THIS DEVICE MUST NOT BE INSTALLED ON THE METER RISER LINE TO THE CEILING, BUT BETWEEN CEILING AND COLD INLET LINE TO HOT WATER TANK. IT MUST BE WELL SUPPORTED TO CARRY THE WEIGHT AND LINE SHOCK OF THE WATER. THE INSTALLING PLUMBER WILL BE RESPONSIBLE TO DETERMINE THE SIZE & LOCATION OF THE EXPANSION TANK.
- SEE METER SERVICE DIAGRAM AND USE ONLY COPPER "U" TYPE DRIVE CLIPS AS OUTLINED. THE METER RISER MUST RUN FROM THE METER TO THE CEILING IN COPPER ONLY AS PER DRAWING, THE TYPE OF MATERIAL BEYOND THE CEILING SUPPORT IS TO BE APPROVED BY THE BUILDING DEPARTMENT.
- REMOTE READING SCAN DISK AND RADIO READ BOX ARE TO BE LOCATED ON THE FRONT WALL OR SIDEWALL NO FURTHER THAN 1 TO 1.5 METRES FROM FINISHED GRADE AND A MAXIMUM OF 1 METRE BACK FROM THE FRONT WALL. USING ONLY #8 RED ROBERTSON MACHINE SCREWS AND EXTERIOR GRADE WALL PLUGS.
- ALL WIRING TO BE RUN IN A CONDUIT FROM THE REMOTE READER TO THE METRE AREA USING PROPER CLIPS AND CONDUIT TO BE INSTALLED IN SUCH A WAY NOT TO BE DAMAGED FROM FINISHING IN THE AREA. ANY EXPOSED WIRE FROM THE CONDUIT TO THE METRE REGISTER ONLY CABLE TIES AND/OR "U" TYPE STAPLES TO BE USED.
- 3 CONDUCTOR 22 GAUGE WIRE ONLY WILL BE ACCEPTED.
- WHERE THE WATER SUPPLY LINE IS USED FOR ELECTRICAL SYSTEM GROUND, THE APPROPRIATE GROUND CLAMP AND CABLE IS TO BE LOCATED AS CLOSE AS POSSIBLE TO THE ENTRY POINT OF THE WATER SUPPLY LINE INTO THE HOUSE AND BEFORE OR UPSTREAM OF THE WATER METER. WHERE GROUND RODS OR PLATES ARE USED FOR ELECTRICAL SYSTEM GROUND THE COPPER WATER SUPPLY LINE MUST BE BONDED TO INTERNAL METAL PIPING WITH APPROPRIATE SIZED COPPER WIRING AND CLAMP.
- ADHERE TO TOWNS STANDARDS DRAWING AND ANY QUESTIONS CALL PUBLIC WORKS PRIOR TO COMMENCING OR INTERPRETING ANY INFORMATION NOT UNDERSTOOD.
- CALL FOR INSPECTION AFTER WORK IS COMPLETED TO OBC REQUIREMENTS.

TOP VIEW

MINIMUM CLEARANCE TABLE	
A	BOTTOM PLATE TO FLOOR 300mm-500mm MAX
B	INLET TO OBSTRUCTION 200mm
C	REAR BODY TO WALL 150mm
D	REGISTER TO OVER OBSTRUCTION (MIN. ONLY) 1m
E	SCAN DISC FINISH GRADE 1.0-1.5m
F	FRONT CORNER ON SIDE OR FRONT 0-1.0m MAX.



TOWN OF NEW TECUMSETH

TYPICAL RESIDENTIAL METER INSTALLATION (25mm SUPPLY LINE)

METRIC
ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN

NO.	REVISIONS	DATE	APR'D

SCALE: N.T.S.
DATE: MARCH 2015
TNT.SD.
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