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 ISSUED BY RYAN L. SCHULTZ  
 E 3888, ON 11/15/2019. THIS  
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**NOTES:**

1. ALL THRUST BLOCKS TO BE TYPE 47-B MODIFIED POURED CONCRETE AS PER DIVISION II; "CONCRETE PAVING SPECIFICATIONS"; AND DIVISION VI "WATER MAINS".
2. ALL CONCRETE BLOCKING SHALL BE INSTALLED IN SUCH A MANNER THAT ALL PIPE AND FITTING JOINTS ARE ACCESSIBLE.
3. ALL FITTINGS ARE TO BE WRAPPED IN 8 MIL POLYETHYLENE.
4. ALL THRUST BLOCKS ARE TO BE POURED AGAINST UNDISTURBED SOIL.
5. THE CONTRACTOR SHALL SET OR TURN ALL FIRE HYDRANTS SO THE PUMPER NOZZLE FACES THE DRIVEN ROADWAY OR AS OTHERWISE DIRECTED BY THE UTILITIES DEPARTMENT.
6. WHERE FIRE HYDRANTS ARE LOCATED IN HARD SURFACED AREAS, THE CONTRACTOR SHALL PROVIDE AN 18" BLOCK-OUT AROUND THE HYDRANT BARREL FILLED WITH COMPACTED SOIL.
7. WATER MAINS LARGER THAN 6" DIA. REQUIRE A M. J. REDUCER INSTALLED AFTER THE FULL LENGTH OF PIPE.
8. IF HYDRANT EXTENSIONS ARE REQUIRED, THEY SHALL BE SUPPLIED BY THE CONTRACTOR AND INSTALLED BY THE CITY WATER DEPT. AT THE CONTRACTOR'S EXPENSE. THE METHOD OF ADJ. SHALL HAVE PRIOR APPROVAL OF THE UTILITIES DEPT. AS PER DIVISION VI "WATER MAINS" - SECTION 32.19.

