

WATER FEATURES

	EXISTING	PROPOSED
MAIN DISTRIBUTION LINES		
FIRE WATER LINES		

SURFACE FEATURES

	EXISTING
ASPHALT ROADWAYS	
GRAVEL ROADWAY	
SIDEWALKS	
DITCHES	
FENCE	
RIGHT OF WAY	
PROPERTY LINE	

UTILITY FEATURES

	EXISTING
SANITARY SEWER LINES	
STORM SEWER LINES	
UNDERGROUND POWER	
NATURAL GAS LINE	
FIBER OPTICS LINE	
COMMUNICATIONS LINE	

GENERAL FEATURES

	EXISTING
PHOTOGRAPH LOCATION	
MECHANICAL ROOM	
ACCESS HATCH	
TUNNEL	

WATER SYMBOLS

	EXISTING	PROPOSED
WATER PIPE		
IRRIGATION VALVE		
FIRE HYDRANT		
VALVE		
TEE		
REDUCER		
CAP/PLUG		
COLLAR/COUPLER		
90° ELBOW		
45° ELBOW		
22.5° ELBOW		
CROSS		

LANDSCAPE SYMBOLS

	EXISTING
DECIDUOUS TREE	
CONIFEROUS TREE	
BUSH/SHRUB	

ELECTRICAL SYMBOLS

	EXISTING
POWER POLE	
LIGHT STANDARD	
POWER MANHOLE	

UTILITY SYMBOLS

	EXISTING
SANITARY SEWER MANHOLE	
STORM SEWER MANHOLE	
STORM SEWER CATCH BASIN	

NOTES:

- MINIMUM DEPTH OF PIPELINE INSTALLATION TO BE 2.74 m FROM EXISTING SURFACE OR FUTURE DITCH BOTTOM.
- CONTRACTOR TO DETERMINE SIZE OF ACCESS PITS FOR TRENCHLESS INSTALLATION.
- ALL TREES TO REMAIN INTACT AND UNDISTURBED, UNLESS NECESSARY. CONTACT DEPARTMENTAL REPRESENTATIVE PRIOR TO REMOVAL.
- IF DURING CONSTRUCTION, HAZARDOUS MATERIALS ARE DISCOVERED, IMMEDIATELY CONTACT THE DEPARTMENTAL REPRESENTATIVE.
- ALL HYDRANTS ARE TO BE RE-USED, UNLESS OTHERWISE NOTED.
- SOD AND GRASS IS TO BE RESTORED TO MATCH EXISTING.
- REINSTATE PAVEMENTS AND SIDEWALKS DISTURBED BY EXCAVATION TO THICKNESS, STRUCTURE AND ELEVATION WHICH EXISTED BEFORE EXCAVATION.
- THE ENDS OF ALL AC WATER MAINS THAT ARE BROKEN TO COMPLETE NEW WATER MAIN INSTALLATION, SHALL BE FILLED WITH GROUT PRIOR TO BACKFILL.
- PVC WATER MAINS TO BE ABANDONED, SHALL BE CAPPED PRIOR TO BACKFILL.
- HYDROVAC ALL UTILITY CROSSINGS TO ENSURE CLEARANCE.

PRELIMINARY
NOT FOR CONSTRUCTION



DO NOT SCALE DRAWINGS

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Client/client

Project title/Titre du projet

CORE WATER
SYSTEM UPGRADES
(PHASE I)

Approved by/Approuvé par
C. WIHLIDAL

Designed by/Concept par
C. REESE

Drawn by/Dessiné par
C. GEIGER

PWGSC Project Manager/Administrateur de Projets TPSGC
L. OATWAY

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSGC

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LEGEND AND GENERAL NOTES

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