

27-10-4E

GENERAL NOTES:

1. BASE LINE IS CENTERLINE OF RIGHT OF WAY.
2. EXPOSE ALL COMMUNICATION AND POWER DUCTS/LINES BY HYDROVAC EXCAVATION.
3. INSTALL ALL PIPING UTILIZING TRENCHLESS INSTALLATION METHODS UNLESS OTHERWISE APPROVED OR DIRECTED BY THE CONTRACT ADMINISTRATOR.

BENCHMARK NOTES:

DRAWING COORDINATES ARE UTM NAD83 - SCALE FACTOR 0.99983
 B.M. No. NORTHING EASTING ELEVATION
 PILE 136 5523873.734 647764.406 236.242
 PILE 133 5523256.606 647782.387 236.056

NOTE:

A. LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.



	WATERMAIN HYDRANT		150mm W.M. VALVE		HYDRO M.T.S.		CONCRETE		ASPHALT		PROPERTY LINE		SURVEY BAR		TREE		ANODE		CONCRETE SIDEWALK		FENCE		
	LAND DRAINAGE SEWER		300mm L.D.S. WASTEWATER SEWER		MANHOLE		CATCH BASIN		CURB INLET		JUNCTIONS		CULVERT		GAS								
	250mm W.W.S. WASTEWATER SEWER		250mm W.W.S. WASTEWATER SEWER		300mm L.D.S. LAND DRAINAGE SEWER		250mm W.W.S. WASTEWATER SEWER		300mm L.D.S. LAND DRAINAGE SEWER		250mm W.W.S. WASTEWATER SEWER		300mm L.D.S. LAND DRAINAGE SEWER		250mm W.W.S. WASTEWATER SEWER		300mm L.D.S. LAND DRAINAGE SEWER		250mm W.W.S. WASTEWATER SEWER		300mm L.D.S. LAND DRAINAGE SEWER		
	EXISTING		LEGEND - PLAN		PROPOSED		EXISTING		LEGEND - PLAN		PROPOSED		EXISTING		LEGEND - PLAN		PROPOSED		EXISTING		LEGEND - PLAN		PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE COMMITTEE

NOTE:

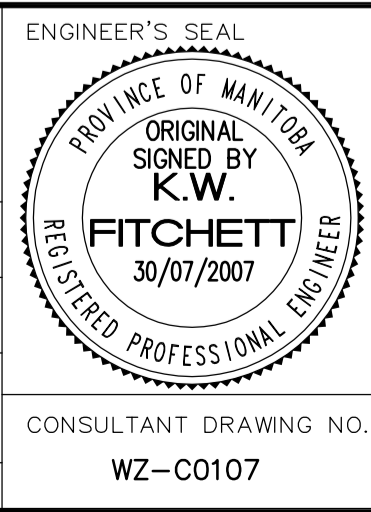
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B.M. ELEV.	
NO.	REVISIONS
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CH2MHILL
Frederickson Cooper ARCHITECTS

EarthTech
A Tyco International Ltd. Company

DESIGNED BY: KWF
CHECKED BY: GK
DRAWN BY: MAF
APPROVED BY: AHL
SCALE: HORZ. 1:500
VERT. 1:50
RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI
DATE: 2005/12/09
DATE: 2007/7/30



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
SUPPLY AND INSTALLATION
OF FORCEMAIN

CIVIL
MURDOCK ROAD
STA. 20+70 TO STA. 24+20

CITY FILE NUMBER
SHEET 8 OF 23
CITY DRAWING NUMBER
I-0601Z-C-C0107-001-00D