



WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BENCH MARK: 86R347 - N.E. Knowles Ave. & Gateway Rd. Tblt. on top of 0.05m dia. x 2.4 ron pipe, 8m S. of S. wall No.451 Knowles Ave. & 33.4m E. of most Ely. rail of railway tracks on C.P.R. Lac Du Bonnet Subd. R.O.W. or 1.1m W. of E.L. Gateway Rd. & 0.9m S. of N.L. of Knowles. Ave.

NOTE:
STATIONING IS ALONG S. P/L OF KNOWLES AVE.

BID OPPORTUNITY 678-2009



150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM
⊕	HYDRANT	⊕	M.T.S.	⊕	HYDRANT, VALVE	⊕
⊕	VALVE	⊕	CONCRETE	⊕	LAND DRAINAGE SEWER	⊕
300 LDS	LAND DRAINAGE SEWER	300 LDS	ASPHALT	250 WWS	WASTE WATER SEWER	250 WWS
250 WWS	WASTE WATER SEWER	250 WWS	SIDEWALK	⊕	PROFILE	⊕
○	MANHOLE	○	PROPERTY LINE	⊕	NORTH OR WEST GUTTER	⊕
⊕	CATCH BASIN	⊕	SURVEY BAR	⊕	SOUTH OR EAST GUTTER	⊕
▽	CURB INLET	▽	DITCH	⊕	NORTH OR WEST P	⊕
+	JUNCTIONS	+	ELEVATION	⊕	SOUTH OR EAST P	⊕
⊕	CULVERT	⊕	DITCH ELEVATION	⊕	NORTH OR WEST DITCH	⊕
⊕	GAS	⊕	DITCH SLOPE	⊕	SOUTH OR EAST DITCH	⊕
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING
EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:
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.

NO.	REVISIONS	DATE	BY

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DESIGNED BY	J.K.H.	CHECKED BY	H.A.K.
DRAWN BY	B.K.W.	APPROVED BY	H.A.K.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50	DATE	09.08.07

ENGINEER'S SEAL

CONSULTANT DRAWING NO. C-206

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

KNOWLES AVENUE LOCAL IMPROVEMENT
RALEIGH STREET TO DE VRIES AVENUE
83.0m W OF WL OF CINDY KLASSEN WAY
TO 49.0m E OF EL OF CINDY KLASSEN WAY
WATERMAIN, LAND DRAINAGE AND WASTEWATER SEWER

SHEET 6 OF 8
CAD FILE DRAWING NUMBER I1730c-201-712.dwg
CITY DRAWING NUMBER D-11869

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