D SIZE 22" x 34" (559mm x 864mm)

PLOT: 1/22/2015 5:47:10 PM

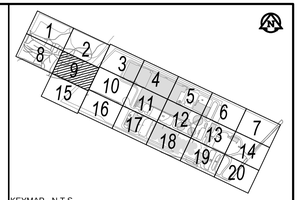
T2ue FILE NAME: Y:\PROJECTS\BSTI\61000277 - ACL - Winnipeg North End TP\Drawings\SUE\1-0101A-G0002-010.dwg Saved By:

MATCHLINE - SEE DRAWING 02 OF 20

MATCHLINE - SEE DRAWING 08 OF 20

MATCHLINE - SEE DRAWING 10 OF 20

MATCHLINE - SEE DRAWING 15 OF 20



KEYMAP - N.T.S.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

GENERAL NOTES:

1. LIMIT OF INVESTIGATION: SEE DRAWING.

2. EMPTY CONDUITS, SERVICES, LATERALS TO BUILDINGS, ABANDONED FACILITIES SUCH AS STREET LIGHT CABLES, WITHIN THE INVESTIGATION AREA MAY NOT BE SHOWN ON THE DRAWING.

3. T2UE USED AVAILABLE MEANS IN AN ATTEMPT TO DETERMINE THE LOCATION OF UNDOCUMENTED UTILITIES HOWEVER CANNOT BE RESPONSIBLE FOR FINDING ALL UNDOCUMENTED UTILITIES.

4. THE BASEPLAN WAS PROVIDED BY THE CLIENT, THEREFORE T2UE IS NOT RESPONSIBLE FOR ITS ACCURACY.

5. UTILITY OWNERSHIP, MATERIAL, SIZES AND FLOW SHOWN ON DRAWING ARE BASED ON RECORDS INFORMATION RECEIVED, FIELD INVESTIGATION AND PROFESSIONAL JUDGEMENT.

6. UTILITY WIDTHS ON DRAWING ARE BASED ON RECORDS RECEIVED AND TEST HOLE DATA WHERE AVAILABLE.

7. BASE COORDINATES BEING USED FOR THE PREPARATION OF THESE PLANS ARE UTM ZONE 14 JUNE 90 (LBIS).

8. REFER TO COVER PAGE (CITY DRAWING NUMBER 1-0101A-G0001-001) FOR TEST HOLE DETAILS.

ASCE QUALITY LEVELS:

THE UTILITY INFORMATION SHOWN ON THIS DRAWING WAS COLLECTED IN ACCORDANCE TO ASCE STANDARD 38-02. THE INFORMATION IS SHOWN BY QUALITY LEVEL WHICH INDICATES THE LEVEL OF EFFORT USED TO DETERMINE THE LOCATION OF THE DATA

INCREASED QUALITY

QUALITY LEVEL "D" - INFORMATION DERIVED FROM EXISTING RECORDS OR VERBAL RECOLLECTIONS.

QUALITY LEVEL "C" - INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO THE QUALITY LEVEL "D" INFORMATION.

QUALITY LEVEL "B" - INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF THE UTILITIES.

QUALITY LEVEL "A" - PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITES OBTAINED BY THE ACTUAL EXPOSURE AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES.

U/G UTILITY LEGEND

GAS	GAS
G.S.	GAS SERVICE
WM	WATERMAIN
W.S.	WATER SERVICE
WWS	WASTE WATER SEWER
WWS LAT.	WASTE WATER SEWER LATERAL
LDS	LAND DRAINAGE SEWER
LDS LAT.	LAND DRAINAGE SEWER LATERAL
BE	BURIED ELECTRIC
BE-SL	BURIED ELECTRIC STREET LIGHT
GRD	GROUND WIRE
UNK	UNKNOWN
FOC	FIBRE OPTIC CABLE
TV	CABLE TV
BT	BURIED TELECOMMUNICATIONS
o/H	OVERHEAD WIRE
	QUALITY LEVEL "B"
	QUALITY LEVEL "C"
	QUALITY LEVEL "D"
	TEST HOLE (QL-A)
	CONTINUATION ARROW
	FLOW ARROW
	END CAP
*	NOT SURVEYED, LOCATION BASED ON FIELD OBSERVATION
#	NOT SURVEYED, LOCATION BASED ON RECORD INFORMATION

BID OPPORTUNITY NO. 607-2013

150 WM	WATERMAIN	150 WM		CURB STOP		INF	INFLUENT	
	HYDRANT			REDUCER		EFF	EFFLUENT	
	VALVE			COUPLING		PS	PRIMARY SLUDGE	
300 LDS	LAND DRAINAGE SEWER	300 LDS		ANODE		RS	RAW SEWAGE	
250 WWS	WASTE WATER SEWER	250 WWS		LAMP STANDARD				
	MANHOLE			TREE				
	CATCH BASIN		HP	HYDRO POLE				
	CURB INLET			BENCH MARK				
	CULVERT		INV	INVERT				
	PIPE ABANDONMENTS		OBV	OBVERT				
	SURVEY BAR							
EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW

DRFT CHK

T2ue REVIEW

T2ue DESIGN VERIFIED

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

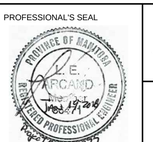
NO.	REVISIONS	YY/MM/DD	BY
5	ISSUED FOR CITY OF WINNIPEG USE	15/01/19	AJW
4	FINAL REVIEW	14/08/25	AJW
3	REVISED TENDER	14/06/13	AJW
2	ISSUED FOR TENDER	14/04/03	AJW
1	PRELIMINARY REVIEW	14/03/04	AJW

T2 utility engineers
1-855-222-T2UE | WWW.T2UE.COM

AECOM

DESIGNED BY		CHECKED BY	RG , JB
DRAWN BY	AJW	APPROVED BY	LEA
HOR. SCALE / VERT. SCALE	1:250	RELEASED FOR CONSTRUCTION	
DATE	28-OCT-14	DATE	

PROFESSIONAL'S SEAL



CONSULTANT DRAWING NO. 60311768

T2UE DRAWING NO. 61000277

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

WINNIPEG NORTH END WATER POLLUTION CONTROL CENTRE

AREA SITE PLAN - SHEET 9 OF 20

SHEET

CITY DRAWING NUMBER

1-0101A-G0002-009