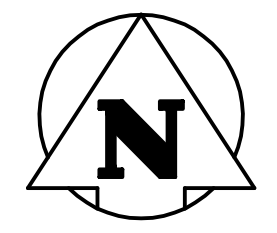
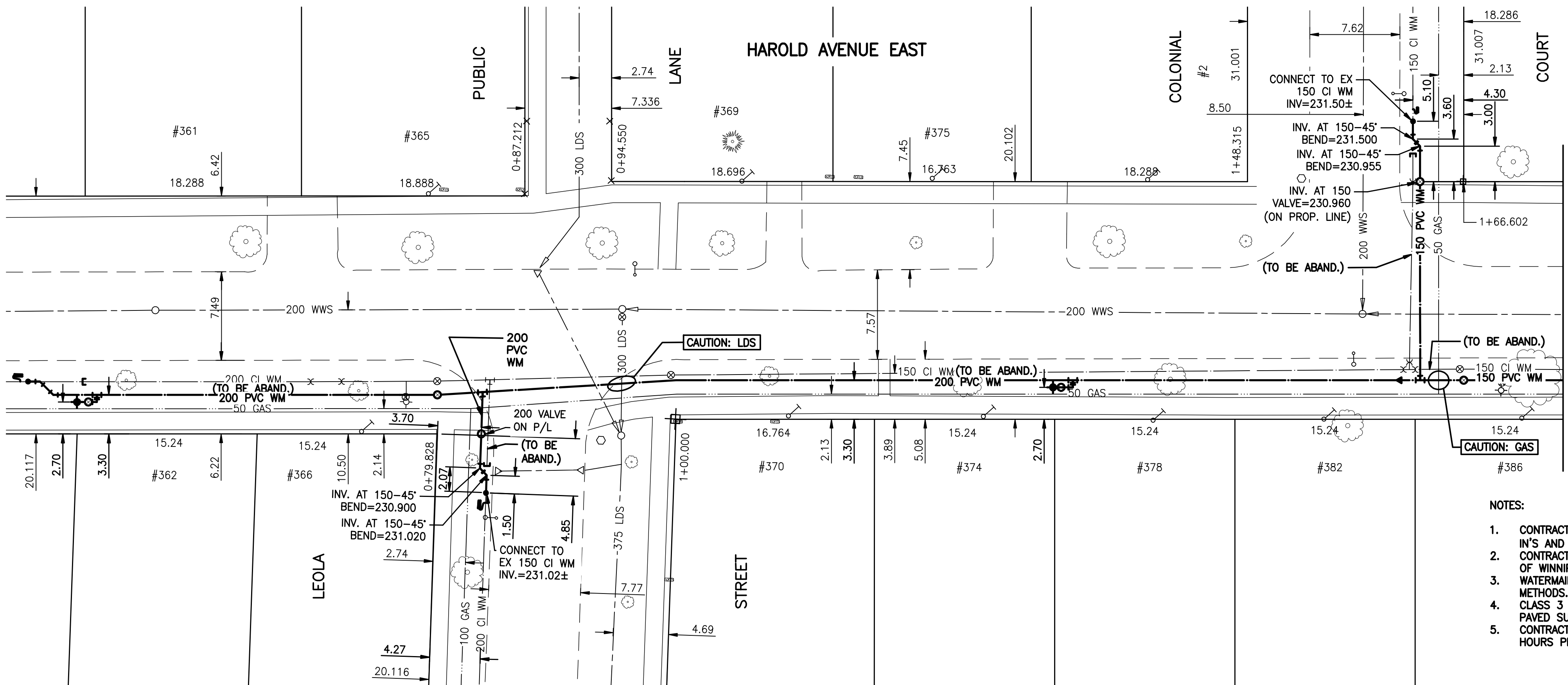


ADDRESS	SIZE (mm)	SHORT & LONG MEASUREMENT	COMP. LOCATION	REMARKS
#361 HAROLD AVE. RESIDENTIAL	19 COPPER	1.2 EEL OF HOUSE 26.8 FROM HSE FRONT	-	SEWER TEE OPP WATER SHUT OFF
#362 HAROLD AVE. RESIDENTIAL	19 COPPER	4.7 EWL OF HOUSE 8.8 FROM HSE FRONT	-	SEWER OPP WATER SHUT OFF
#365 HAROLD AVE. RESIDENTIAL	19 COPPER	3.1 WEL OF HOUSE 22.6 FROM HSE FRONT	-	SEWER TEE OPP WATER SHUT OFF
#366 HAROLD AVE. RESIDENTIAL	19 COPPER	2.3 WEL OF HOUSE 8.7 FROM SIDE OF HSE	-	SEWER TEE OPP WATER SHUT OFF
#369 HAROLD AVE. RESIDENTIAL	19 COPPER	6.4 W E H/L 12.2 FROM HSE FRONT	-	SEWER TEE OPP WATER SHUT OFF
#370 HAROLD AVE. RESIDENTIAL	19 COPPER	3.4 EWL OF HOUSE 8.2 FROM HSE FRONT	-	SEWER TEE OPP SHUT OFF
#374 HAROLD AVE. RESIDENTIAL	19 COPPER	4.5 WEL OF HOUSE 7.5 FROM HSE FRONT	-	SEWER TEE OPP WATER SHUT OFF
#375 HAROLD AVE. RESIDENTIAL	19 COPPER	5.2 WEL OF HOUSE 10.2 FROM HSE FRONT	-	SEWER TEE OPP WATER SHUT OFF
#378 HAROLD AVE. RESIDENTIAL	19 COPPER	6.9 EWL OF HOUSE 8.2 FROM HSE FRONT	-	SEWER TEE OPP WATER SHUT OFF
#2 COLONIAL CT. RESIDENTIAL	19 COPPER	1.8 WEL HOUSE 7.2 FROM SIDE OF HOUSE	-	SMR JCT-SEWER TEE OPP WATER SHUT OFF
#382 HAROLD AVE. RESIDENTIAL	19 COPPER	5.1 EWL OF HOUSE 8.2 FROM HSE FRONT	-	-
#386 HAROLD AVE. RESIDENTIAL	19 COPPER	7.6 E/WEL 8.7 E/WEL #386	OPP S/C	SEWER TEE OPP WATER SHUT OFF



**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

**NOTES:**

- CONTRACTOR TO EXPOSE EXISTING WATERMANS AT THE IN'S AND CONFIRM INVERTS OF PIPE.
- CONTRACTOR TO FOLLOW LATEST VERSION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATION. WATERMANS TO BE INSTALLED BY TRENCHLESS METHODS.
- CLASS 3 BACKFILL TO BE USED WITHIN 1 METER OF PAVED SURFACES.
- CONTRACTOR TO NOTIFY RESIDENTS AT LEAST 24 HOURS PRIOR TO ANY DISRUPTION OF WATER SERVICE.

BENCH MARK: 81R944 - N.E. cor. Kildare Ave. E. & Leola St., Tbit. on top of 0.05m dia. x 2.4m iron pipe, 6.4 m S. of N.L. Kildare Ave. E. & 4.57 m W. of E.L. of Leola St.

NOTE:  
STATIONS ALONG S R OF HAROLD AVE. E.

BID OPPORTUNITY 311-2009

WATERMAIN		HYDRO		WATERMAIN		WATERMAIN		LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. 30-039 ELEV. 233.502m		Stantec Consulting Ltd.		ENGINEER'S SEAL		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	
150 WM	150 WM	150 WM	150 WM	150 WM	150 WM	150 WM	150 WM	DATE	DATE	DATE	DATE	DESIGNED BY	CHECKED BY	ORIGINAL SEALED BY	2009 WATERMAIN RENEWALS - CONTRACT 5 HAROLD AVENUE EAST 34.50 WWL OF LEOLA STREET TO 8.40 EEL OF COLONIAL COURT		
300 LDS	300 LDS	300 LDS	300 LDS	300 LDS	300 LDS	300 LDS	300 LDS	DATE	DATE	DATE	DATE	J.K.H.	H.A.K.	H.A. KATZ	SHEET 1 OF 14		
250 WWS	250 WWS	250 WWS	250 WWS	250 WWS	250 WWS	250 WWS	250 WWS	DATE	DATE	DATE	DATE	J.K.H.	H.A.K.	P. ENG. 09.05.01	CAD FILE DRAWING NUMBER I1210c-201-711.dwg		
MANHOLE	MANHOLE	MANHOLE	MANHOLE	MANHOLE	MANHOLE	MANHOLE	MANHOLE	DATE	DATE	DATE	DATE				CITY DRAWING NUMBER D-11763		
CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	NOTE:	NOTE:	NOTE:	NOTE:				CONSULTANT DRAWING NO. C-201		
CURB INLET	CURB INLET	CURB INLET	CURB INLET	CURB INLET	CURB INLET	CURB INLET	CURB INLET	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.	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.	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.	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.						
JUNCTIONS	JUNCTIONS	JUNCTIONS	JUNCTIONS	JUNCTIONS	JUNCTIONS	JUNCTIONS	JUNCTIONS	NO.	REVISIONS	DATE	BY	DATE	DATE	DATE	DATE		
STREET REHABILITATION LIMIT	STREET REHABILITATION LIMIT	STREET REHABILITATION LIMIT	STREET REHABILITATION LIMIT	STREET REHABILITATION LIMIT	STREET REHABILITATION LIMIT	STREET REHABILITATION LIMIT	STREET REHABILITATION LIMIT								DATE		
GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS								DATE		
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE								DATE		