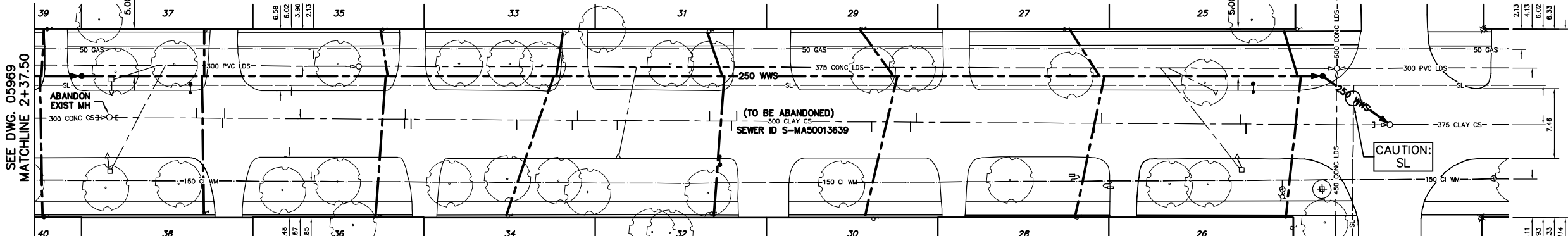


NOTE:
FOR SEWER ELEVATIONS IN PROFILE
(S) = INV FROM SURVEY
(R) = INV FROM RECORD DRAWING OR LBS

NOTE: CHAINAGES SHOWN ARE ALONG N $\frac{1}{2}$ OF NICHOL AVE.

NICHOL AVENUE



WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET) (PROP)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
25 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	0.31 E W P/L KILLARNEY	0.31 E OF SC	PANEL 10 INFO NOT CLEAR
26 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	5.79 E E H/L	-	SERV. OFF KILLARNEY AS PER SURVEY SHOT
27 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	1.08 SSL NICHOL	-	-
28 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	24.8 WWL KILLARNEY	4.27 E/STOP COOK	-
29 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	23.1 WWL KILLARNEY	OPP S/C	-
30 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	46.3 WWL KILLARNEY	0.31 R OF R	-
31 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	44.8 WWL KILLARNEY	-	-
32 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	62.6 WWL KILLARNEY	-	-
33 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	62.1 WWL KILLARNEY	-	-
34 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	78.0 WWL KILLARNEY	-	-
35 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	83.9 WWL KILLARNEY	-	-
36 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	97.5 WWL KILLARNEY	-	-
37 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	97.8 WWL KILLARNEY	-	-
38 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	116.4 WWL KILLARNEY	OPP S/C	-
39 NICHOL AVE RESIDENTIAL	20 COPPER	13 LEAD	116.3 WWL KILLARNEY	-	-

SEWER SERVICE RECORD INFORMATION

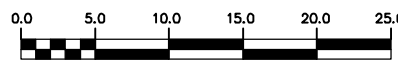
ADDRESS	SIZE	R DIST	JUNCTION TIE
25 NICHOL AVE RESIDENTIAL	150	W	150 SOUTH CN
26 NICHOL AVE RESIDENTIAL	150	W	150 NORTH CN
27 NICHOL AVE RESIDENTIAL	150	W	150 SOUTH CN
28 NICHOL AVE RESIDENTIAL	600	W	N/A PC
29 NICHOL AVE RESIDENTIAL	150	W	150 NORTH JN
30 NICHOL AVE RESIDENTIAL	150	W	150 SOUTH CN
31 NICHOL AVE RESIDENTIAL	150	E	150 NORTH JN
32 NICHOL AVE RESIDENTIAL	150	E	150 NORTH CN
33 NICHOL AVE RESIDENTIAL	600	E	N/A PC
34 NICHOL AVE RESIDENTIAL	150	E	150 SOUTH CN
35 NICHOL AVE RESIDENTIAL	150	E	150 SOUTH JN
36 NICHOL AVE RESIDENTIAL	150	E	150 NORTH JN
37 NICHOL AVE RESIDENTIAL	150	E	150 SOUTH CN
38 NICHOL AVE RESIDENTIAL	150	E	150 NORTH JN
39 NICHOL AVE RESIDENTIAL	150	E	150 SOUTH CN

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION S-MA50013639

DISTANCE FROM MH S-MH50010928			
15.40	W	150	SOUTH CN
16.00	W	150	NORTH CN
30.80	W	150	NORTH CN
31.60	W	150	SOUTH JN
31.90	W	600	N/A PC
50.60	W	150	NORTH JN
51.20	W	150	SOUTH JN
53.70	W	150	NORTH CN

DISTANCE FROM MH S-MH50010927			
9.30	E	150	NORTH JN
12.10	E	150	SOUTH JN
12.50	E	150	NORTH CN
30.00	E	600	N/A PC
31.50	E	150	SOUTH CN
31.60	E	150	NORTH CN
32.20	E	150	SOUTH JN
43.50	E	150	SOUTH CN
49.40	E	150	SOUTH JN
50.00	E	150	NORTH JN
54.20	E	200	SOUTH CN
64.10	E	150	NORTH CN
66.40	E	150	SOUTH JN
67.00	E	150	NORTH JN
81.40	E	150	SOUTH CN

- CONSTRUCTION NOTES:
- SEWER TO BE RENEWED BY TRENCHLESS METHODS.
 - CONFIRM THE LOCATION OF ALL EXISTING SEWER SERVICES WITHIN LIMITS OF RENEWAL. EXACT LOCATIONS OF NEW SERVICES WILL BE DETERMINED BY CONDITIONS IN THE FIELD.
 - BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 m OF PAVEMENT TO BE CLASS 3.
 - BACKFILL IN BOULEVARD TO BE CLASS 5.
 - SEWER SERVICES TO BE INSTALLED AT A MINIMUM 1.0% SLOPE.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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 210/72 FOR DETAILS

200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM
⊕	HYDRANT	⊕	MTS	⊕	HYDRANT	⊕
⊙	VALVE	⊙	TRAFFIC SIGNALS	⊙	VALVE	⊙
525 LDS	LAND DRAINAGE SEWER	525 LDS	GAS	50 GAS	300 LDS	LAND DRAINAGE SEWER
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	WASTEWATER SEWER	250 WWS
○	MANHOLE	○	FENCE	⊕	PROFILE	
□	CATCH BASIN	□	POLE - HYDRO, MTS	⊕	GROUND ABOVE PIPE	
▽	CURB INLET	▽	CURB STOP	⊕	? DITCH (NORTH & WEST)	
⊕	JUNCTIONS	⊕	GUY ANCHOR	⊕	? DITCH (SOUTH & EAST)	
⊕	CULVERT	⊕	LIGHT STANDARD	⊕	GUTTER (NORTH & WEST)	
⊕	ANODE	⊕	TREE	⊕	GUTTER (SOUTH & EAST)	
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING

LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.	FIELD BOOK #
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

CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION

DESIGNED BY: NC
CHECKED BY: TW

DRAWN BY: CJH
APPROVED BY: KZ

HOR. SCALE: 1:250
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION

DATE: 2006 10 20

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK 10/20/06

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2006 COMBINED SEWER RENEWALS AND SEWER REPAIRS

NICHOL AVENUE
1ST MH W OF KILLARNEY STREET TO MH AT KILLARNEY STREET

SHEET 4 OF 17
CITY DRAWING NUMBER 05968

BID OPPORTUNITY: 638-2006
FILENAME: 05968_89.dwg
PLOT DATE: 2006 10 23