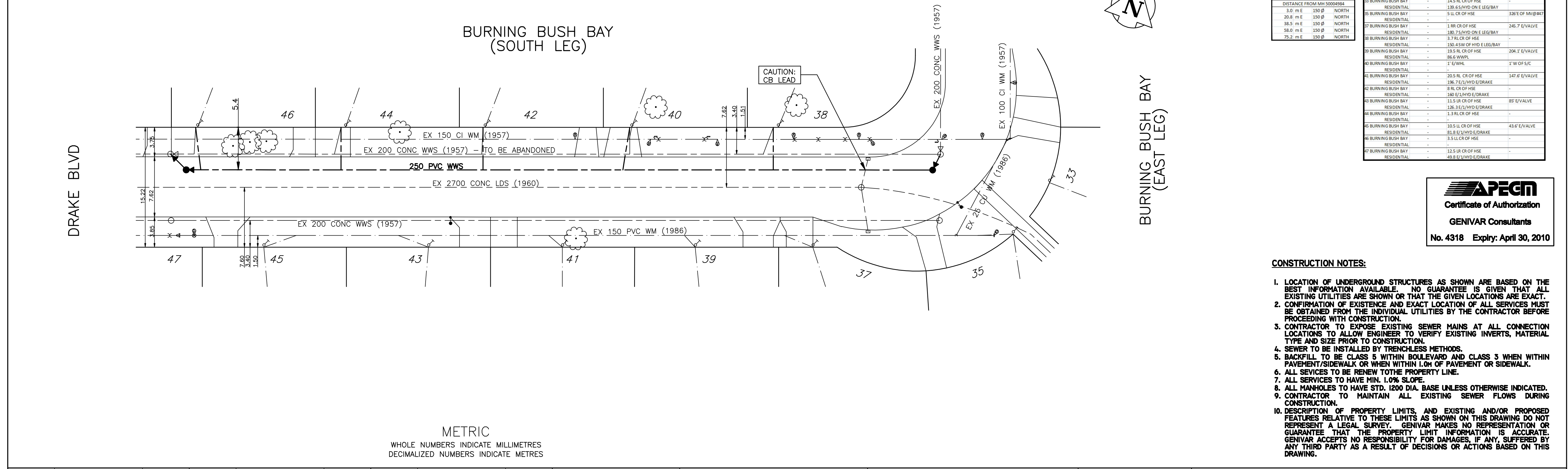


STATION 1+00 IS AT E. DRAKE BLVD

CHAINAGE ALONG NORTH PROPERTY LINE OF BURNING BUSH BAY



SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		SEWER ID 5-MA 5000576	
3.0 m E	150 Ø	NORTH	
20.8 m E	150 Ø	NORTH	
38.5 m E	150 Ø	NORTH	
38.0 m E	150 Ø	NORTH	
79.2 m E	150 Ø	NORTH	

WATER SERVICE INFORMATION			
ADDRESS	SIZE (MM) & TYPE	SHORT & LONG MEASUREMENT (STREET)	COMP. LOCATION
33 BURNING BUSH BAY	14.5 RL CR OF HSE	-	-
35 BURNING BUSH BAY	139.65 HYD ON E LEG/BAY	-	326' OF MV@#47
37 BURNING BUSH BAY	5 LL CR OF HSE	-	-
37 BURNING BUSH BAY	1 RR CR OF HSE	-	246.7 E VALVE
38 BURNING BUSH BAY	180.75 HYD ON E LEG/BAY	-	-
38 BURNING BUSH BAY	3.7 RL CR OF HSE	-	-
39 BURNING BUSH BAY	150.45 W OF HYD E LEG/BAY	-	-
39 BURNING BUSH BAY	19.5 RL CR OF HSE	-	204.1 E VALVE
40 BURNING BUSH BAY	86.5 WWS	-	-
40 BURNING BUSH BAY	1' E/W/L	-	1' W OF 5/C
41 BURNING BUSH BAY	20.5 RL CR OF HSE	-	147.6 E VALVE
42 BURNING BUSH BAY	196.7 E/HYD E/DRAKE	-	-
42 BURNING BUSH BAY	8 RL CR OF HSE	-	-
43 BURNING BUSH BAY	160 E/HYD E/DRAKE	-	-
43 BURNING BUSH BAY	11.5 LR CR OF HSE	-	89' E VALVE
44 BURNING BUSH BAY	126.3 E/HYD E/DRAKE	-	-
44 BURNING BUSH BAY	1.1 RL CR OF HSE	-	-
45 BURNING BUSH BAY	10.5 LL CR OF HSE	-	43.6' E VALVE
45 BURNING BUSH BAY	81.8 E/HYD E/DRAKE	-	-
46 BURNING BUSH BAY	3.5 LL CR OF HSE	-	-
47 BURNING BUSH BAY	12.5 LR CR OF HSE	-	-
47 BURNING BUSH BAY	49.8 E/HYD E/DRAKE	-	-



- CONSTRUCTION NOTES:**
1. LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT.
 2. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BY THE CONTRACTOR BEFORE PROCEEDING WITH CONSTRUCTION.
 3. CONTRACTOR TO EXPOSE EXISTING SEWER MAINS AT ALL CONNECTION LOCATIONS TO ALLOW ENGINEER TO VERIFY EXISTING INVERTS, MATERIAL TYPE AND SIZE PRIOR TO CONSTRUCTION.
 4. SEWER TO BE INSTALLED BY TRENCHLESS METHODS.
 5. BACKFILL TO BE CLASS 5 WITHIN BOULEVARD AND CLASS 3 WHEN WITHIN PAVEMENT/SIDEWALK OR WHEN WITHIN 1.0M OF PAVEMENT OR SIDEWALK.
 6. ALL SERVICES TO BE RENEW TO THE PROPERTY LINE.
 7. ALL SERVICES TO HAVE MIN. 1.0% SLOPE.
 8. ALL MANHOLES TO HAVE STD. 1200 DIA. BASE UNLESS OTHERWISE INDICATED.
 9. CONTRACTOR TO MAINTAIN ALL EXISTING SEWER FLOWS DURING CONSTRUCTION.
 10. DESCRIPTION OF PROPERTY LIMITS, AND EXISTING AND/OR PROPOSED FEATURES RELATIVE TO THESE LIMITS AS SHOWN ON THIS DRAWING DO NOT REPRESENT A LEGAL SURVEY. GENIVAR MAKES NO REPRESENTATION OR GUARANTEE THAT THE PROPERTY LIMIT INFORMATION IS ACCURATE. GENIVAR ACCEPTS NO RESPONSIBILITY FOR DAMAGES, IF ANY, SUFFERED BY ANY THIRD PARTY AS A RESULT OF DECISIONS OR ACTIONS BASED ON THIS DRAWING.

<table border="1"> <tr> <td>WATERMAIN</td> <td>REDUCER</td> <td>150mm W.W.</td> <td>WATERMAIN</td> <td>150mm W.W.</td> </tr> <tr> <td>HYDRANT</td> <td>PLUG</td> <td>300mm L.D.S.</td> <td>VALVE</td> <td>300mm L.D.S.</td> </tr> <tr> <td>VALVE</td> <td>TRAFFIC SIGNAL</td> <td>250mm W.W.S.</td> <td>LAND DRAINAGE SEWER</td> <td>250mm W.W.S.</td> </tr> <tr> <td>LAND DRAINAGE SEWER</td> <td>GAS</td> <td></td> <td>WASTE WATER SEWER</td> <td>250mm W.W.S.</td> </tr> <tr> <td>WASTE WATER SEWER</td> <td>HYDRO</td> <td></td> <td>JUNCTIONS</td> <td></td> </tr> <tr> <td>MANHOLE</td> <td>M.T.S.</td> <td></td> <td>CULVERT</td> <td></td> </tr> <tr> <td>CATCH BASIN</td> <td>SURVEY BAR</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CURB INLET</td> <td>CURB STOP</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TEE</td> <td>C.B. LEAD</td> <td></td> <td></td> <td></td> </tr> <tr> <td>BEND</td> <td>TREE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ANODE</td> <td>LAMP STANDARD</td> <td></td> <td></td> <td></td> </tr> </table>	WATERMAIN	REDUCER	150mm W.W.	WATERMAIN	150mm W.W.	HYDRANT	PLUG	300mm L.D.S.	VALVE	300mm L.D.S.	VALVE	TRAFFIC SIGNAL	250mm W.W.S.	LAND DRAINAGE SEWER	250mm W.W.S.	LAND DRAINAGE SEWER	GAS		WASTE WATER SEWER	250mm W.W.S.	WASTE WATER SEWER	HYDRO		JUNCTIONS		MANHOLE	M.T.S.		CULVERT		CATCH BASIN	SURVEY BAR				CURB INLET	CURB STOP				TEE	C.B. LEAD				BEND	TREE				ANODE	LAMP STANDARD				<p>LOCATION APPROVED</p> <p>SUPV. U/G STRUCTURES DATE</p> <p>NOTE:</p> <p>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.</p>	<p>B.M. ZONE 55, No. 24</p> <p>ELEV. 231.844</p> <p>DESIGNED BY: MBS</p> <p>CHECKED BY: DJ</p> <p>DRAWN BY: MBS</p> <p>APPROVED BY: IMcK</p> <p>HOR. SCALE: 1:250</p> <p>VERT. SCALE: 1:50</p> <p>RELEASED FOR CONSTRUCTION: KAZ ZUREK, P.ENG</p> <p>ORIGINALLY SIGNED BY: KAZ ZUREK, P.ENG</p>	<p>ENGINEERS SEAL</p> <p>PROVINCE OF MANITOBA</p> <p>I. G. MCKINNON</p> <p>CONSULTANT DRAWING NO. 09-101-01</p>	<p>THE CITY OF WINNIPEG</p> <p>WATER AND WASTE DEPARTMENT</p> <p>2009 CAPITAL WORKS</p> <p>SEWER RENEWALS NORTH OF CENTRELINE</p> <p>BURNING BUSH BAY (SOUTH LEG)</p> <p>MH AT BURNING BUSH BAY (EAST LEG) TO 1ST MH WEST OF BURNING BUSH BAY (EAST LEG)</p>	<p>SHEET 1 OF 1</p> <p>CITY DRAWING NO. 8989</p>
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