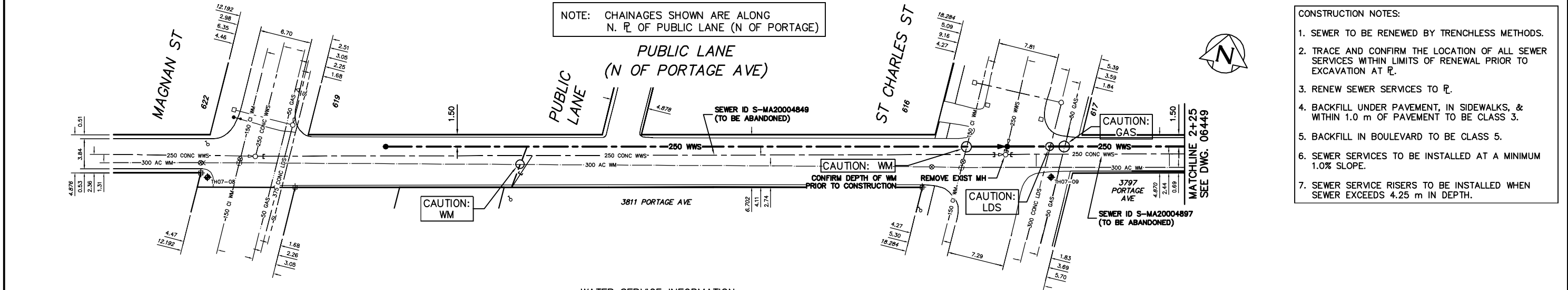


SEWER SERVICE INFORMATION		
ADDRESS	SIZE	R DIST JUNCTION TIE
3797 PORTAGE AVE	9.17 W OF EL	9.17 W OF EL
COMMERCIAL	28.13 E OF WL	28.13 E OF WL AT ST CHARLES
3811 PORTAGE AVE	0.93 E OF WL	0.93 E OF WL
COMMERCIAL	33.87 E MH AT MAGNAN	33.87 E MH AT MAGNAN
616 ST CHARLES ST	11.90 N OF SL	11.90 N OF SL
RESIDENTIAL	14.03 N MH AT LANE	14.03 N MH AT LANE
617 ST CHARLES ST	15.82 N OF SL	15.82 N OF SL
RESIDENTIAL	21.65 N MH AT LANE	21.65 N MH AT LANE
619 MAGNAN ST	-	-
RESIDENTIAL	NO INFORMATION AVAILABLE	NO INFORMATION AVAILABLE
622 MAGNAN ST	-	-
RESIDENTIAL	NO INFORMATION AVAILABLE	NO INFORMATION AVAILABLE



- CONSTRUCTION NOTES:
- SEWER TO BE RENEWED BY TRENCHLESS METHODS.
 - TRACE AND CONFIRM THE LOCATION OF ALL SEWER SERVICES WITHIN LIMITS OF RENEWAL PRIOR TO EXCAVATION AT R.
 - RENEW SEWER SERVICES TO R.
 - 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.
 - SEWER SERVICE RISERS TO BE INSTALLED WHEN SEWER EXCEEDS 4.25 m IN DEPTH.

NOTE: CHAINAGES SHOWN ARE ALONG N. R. OF PUBLIC LANE (N OF PORTAGE)

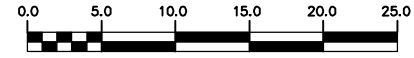
WATER SERVICE INFORMATION					
ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	
3797 PORTAGE AVE	25 COPPER	25	17.80 EEL ST CHARLES	0.25 E OF S/C	SERV. OFF LANE
3811 PORTAGE AVE	20 COPPER	20	1.6 OFF R	1.15 E OF S/C	SERV. OFF LANE
616 ST CHARLES ST	20 COPPER	20	52.76 WML ST CHARLES	-	-
RESIDENTIAL	-	-	11.31>NNL 1ST LANE N PORTAGE	-	-
617 ST CHARLES ST	-	20	-	-	-
RESIDENTIAL	-	20	15.26>NNL 1ST LANE N PORTAGE	-	-
619 MAGNAN ST	-	20	-	-	-
RESIDENTIAL	-	20	11.74>NNL 1ST LANE N PORTAGE	-	-
622 MAGNAN ST	-	20	-	-	SERV. OFF LANE
RESIDENTIAL	-	20	OPP WL MAGNAN	-	-

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20004849			
DISTANCE FROM MH ID S-MH20004462	35.5	E	150# SOUTH CN

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20004897			
DISTANCE FROM MH ID S-MH20004556	38.0	W	150# SOUTH CN
	55.1	W	150# SOUTH CN

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



<table border="1"> <tr> <th>200 WM</th> <th>WATERMAIN</th> <th>200 WM</th> <th>SL, HYDRO</th> <th>150 WM</th> <th>WATERMAIN</th> <th>150 WM</th> </tr> <tr> <td>⊕</td> <td>HYDRANT</td> <td>⊕</td> <td>MTS</td> <td>⊕</td> <td>HYDRANT</td> <td>⊕</td> </tr> <tr> <td>⊙</td> <td>VALVE</td> <td>⊙</td> <td>TRAFFIC SIGNALS</td> <td>⊙</td> <td>VALVE</td> <td>⊙</td> </tr> <tr> <td>525 LDS</td> <td>LAND DRAINAGE SEWER</td> <td>525 LDS</td> <td>GAS</td> <td>50 GAS</td> <td>LAND DRAINAGE SEWER</td> <td>300 LDS</td> </tr> <tr> <td>375 WWS</td> <td>WASTEWATER SEWER</td> <td>375 WWS</td> <td>SURVEY BAR</td> <td>250 WWS</td> <td>WASTEWATER SEWER</td> <td>250 WWS</td> </tr> <tr> <td>○</td> <td>MANHOLE</td> <td>○</td> <td>FENCE</td> <td>⊗</td> <td>PROFILE</td> <td></td> </tr> <tr> <td>□</td> <td>CATCH BASIN</td> <td>□</td> <td>POLE - HYDRO, MTS</td> <td>⊗</td> <td>GROUND ABOVE PIPE</td> <td></td> </tr> <tr> <td>▽</td> <td>CURB INLET</td> <td>▽</td> <td>CURB STOP</td> <td></td> <td></td> <td></td> </tr> <tr> <td>⊕</td> <td>JUNCTIONS</td> <td>⊕</td> <td>GUY ANCHOR</td> <td></td> <td></td> <td></td> </tr> <tr> <td>⊕</td> <td>CULVERT</td> <td>⊕</td> <td>LIGHT STANDARD</td> <td></td> <td></td> <td></td> </tr> <tr> <td>⊕</td> <td>ANODE</td> <td>⊕</td> <td>TREE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	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	LAND DRAINAGE SEWER	300 LDS	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				⊕	JUNCTIONS	⊕	GUY ANCHOR				⊕	CULVERT	⊕	LIGHT STANDARD				⊕	ANODE	⊕	TREE				EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING																						<p>LOCATION APPROVED UNDERGROUND STRUCTURES</p> <p>SUPP. U/G STRUCTURES COMMITTEE DATE</p> <p>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.</p>	<p>B.M. ELEV.</p> <p>FIELD BOOK #</p> <p>POSTED TO LIS</p> <p>NO. REVISIONS</p> <p>DATE</p> <p>BY</p>	<p>CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION</p> <p>DESIGNED BY: NC CHECKED BY: TW</p> <p>DRAWN BY: CJH APPROVED BY: KZ</p> <p>HOR. SCALE: 1:250 VERTICAL: 1:50</p> <p>RELEASED FOR CONSTRUCTION</p> <p>DATE: 2007 10 19</p>	<p>ENGINEER'S SEAL</p> <p>ORIGINAL SIGNED BY K.R. ZUREK 07/10/22</p> <p>BID OPPORTUNITY: 767-2007 FILENAME: 06448.dwg PLOT DATE: 2007 10 19</p>	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>2007 SEWER RENEWALS CONTRACT 34 PUBLIC LANE (N OF PORTAGE AVE) MH AT MAGNAN STREET TO MH AT ST CHARLES STREET</p> <p>SHEET 1 OF 10 CITY DRAWING NUMBER 06448</p>
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