

SEE DWG 06078 FOR CONTINUATION

CONSTRUCTION NOTES:

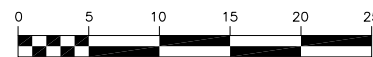
- ALL PVC PIPE SHALL HAVE CLASS B-TYPE 2 BEDDING AND ALL CONCRETE PIPE SHALL HAVE CLASS B-SAND BEDDING.
- SEWER TO BE RENEWED BY TRENCHLESS METHODS.
- CONFIRM THE LOCATION OF ALL SEWER SERVICES.
- RENEW SEWER SERVICES TO PROPERTY LINE.
- BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
- BACKFILL IN BOULEVARD TO BE CLASS 5.
- CATCHBASIN LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.

SEWER SERVICE INFORMATION (S-MA50017959) *	
DISTANCE FROM 1ST MH E OF ST. DAVID RD (S-MH50014473)	
3.2 E	SERVICE CONNECTION S
9.1 E	JUNCTION N
21.1 E	SERVICE CONNECTION S
24.1 E	SERVICE CONNECTION N
39.6 E	SERVICE CONNECTION S
44.3 E	SERVICE CONNECTION N
50.5 E	SERVICE CONNECTION S
54.8 E	SERVICE CONNECTION N
69.9 E	SERVICE CONNECTION S
76.4 E	SERVICE CONNECTION N
84.1 E	SERVICE CONNECTION N

* - INFORMATION FROM SEWER VIDEO INSPECTION

GENERAL NOTES

- CONTRACTOR TO VERIFY LIMITS OF SEWER REPAIRS PRIOR TO EXCAVATION BY MEANS OF VIDEO INSPECTION.
- PROVIDE VIDEO INSPECTION OF ALL SEWER SERVICES WITHIN LIMITS OF REPAIR IN PRESENCE OF CONTRACT ADMINISTRATOR TO DETERMINE IF SERVICE RENEWAL IS REQUIRED.



EXISTING SEWER SERVICE LOCATION RECORDS		
ADDRESS	SIZE/TYPE	SERVICE LOCATION AT PL
NO RECORDS	INFO NOT AVAILABLE	INFO NOT AVAILABLE

* LOCATION OF SEWER SERVICE AT ? IS ASSUMED

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
	HYDRANT		M.T.S.		HYDRANT	
	VALVE		CONCRETE		VALVE	
	LAND DRAINAGE SEWER		ASPHALT		LAND DRAINAGE SEWER	
	WASTE WATER SEWER		PROPERTY LINE		WASTE WATER SEWER	
	MANHOLE		SURVEY BAR		PROFILE	
	CATCH BASIN		SERVICE VALVE		NORTH/WEST GUTTER	
	CURB INLET		I.P.S.		SOUTH/EAST GUTTER	
	JUNCTIONS		BUILDING			
	CULVERT					
	GAS					
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING

UNDERGROUND STRUCTURES

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.

B.M. ELEV.	DESIGNED BY	C.L.P.
	DRAWN BY	A.J.P.
	CHECKED BY	S.C.C.
	APPROVED BY	
	HOR. SCALE	1:500
	VERTICAL	
1	ISSUED FOR TENDER	06/28/07 SCC
NO.	REVISIONS	DATE BY
		DATE JUNE 27, 2007



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2007 SEWER REPAIRS
HAVELOCK STREET
1ST MH W OF ST. GEORGE RD. TO
MH AT ST. GEORGE RD.

CITY DRAWING NUMBER
06077
SHEET 9 OF 13

BID OPPORTUNITY
422-2007

CONSULTANT PROJECT NO.
07-7471-1000

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY
KAS ZUREK, P. Eng.