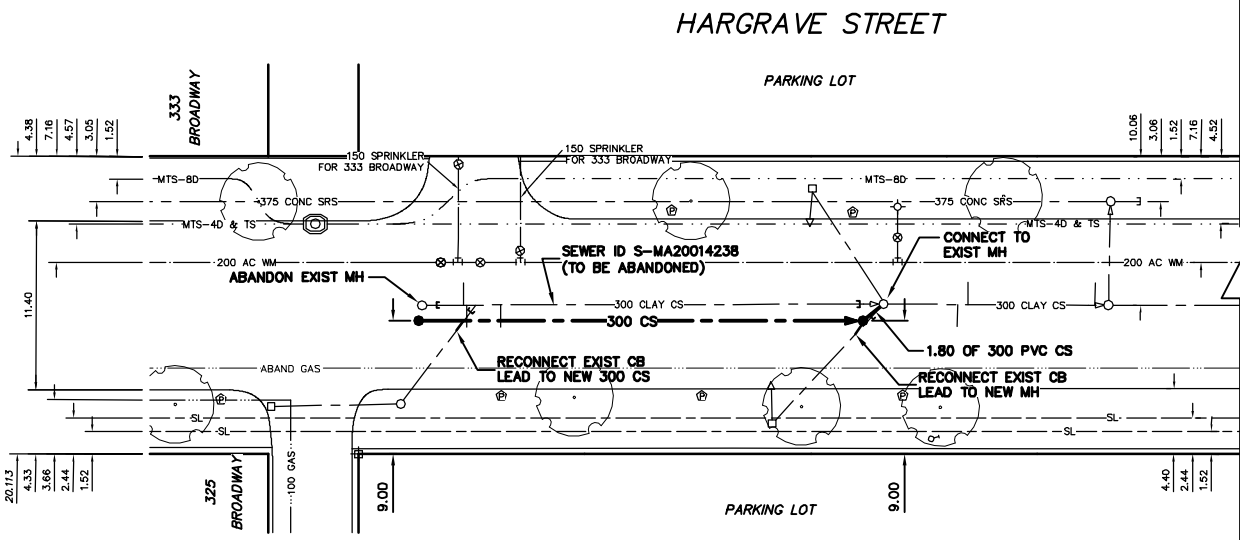


- CONSTRUCTION NOTES:**
1. ALL PIPE SHALL HAVE CLASS B - TYPE 2 BEDDING
 2. INSTALL SEWER BY TRENCHLESS METHODS.
 3. CONFIRM THE LOCATION OF ALL SEWER SERVICES.
 4. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
 5. BACKFILL IN BOULEVARD TO BE CLASS 5.
 6. RENEW SEWER SERVICES TO R.
 7. INSTALL SEWER SERVICE RISERS TO ELEVATION WHERE MINIMUM SLOPE OF 1% IS MAINTAINED FOR ALL SERVICES.

NOTE: CHAINAGES SHOWN ARE ALONG W R OF HARGRAVE ST



WATER SERVICE INFORMATION

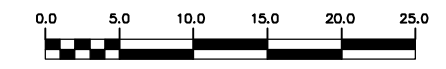
ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
333 BROADWAY	150 CI	100 CI	48.38>NNL BROADWAY	OPP S/C	WORKERS COMPENSATION BLDG SERVICED OFF HARGRAVE ST
333 BROADWAY	150 POLY V	150 POLY V	18.90>NNL BLDG	OPP S/C	WORKERS COMPENSATION BLDG SERVICED OFF HARGRAVE ST
			56.39>NNL BROADWAY		

SEWER SERVICE INFORMATION

ADDRESS	SIZE	R DIST	JUNCTION TIE
NO SEWER SERVICES			

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION S-MA20014238

DISTANCE FROM MH S-MH20012855			
2.8	N	150#	WEST JN
3.0	N	150#	EAST CX
3.6	N	150#	EAST CX
5.3	N	150#	EAST JX



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING
IF POWER EQUIPMENT OR EMPLOYEES 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	300 LDS	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	⊖	☉ 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
				LEGEND-PROFILE	PROPOSED	

LOCATION APPROVED 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.

NO.	REVISIONS	DATE	BY

CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION

DESIGNED BY: SGL
CHECKED BY: NC/SC

DRAWN BY: C/JH
APPROVED BY: KZ

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

RELEASED FOR CONSTRUCTION

DATE: 2008 09 12

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK 08/09/12

BID OPPORTUNITY: 699-2008
FILENAME: 8695.dwg
PLOT DATE: 2008 09 12

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2008 SEWER RENEWALS CONTRACT 16

HARGRAVE STREET
3RD MH S OF YORK AVENUE TO 2ND MH S OF YORK AVENUE

SHEET 5 OF 8
CITY DRAWING NUMBER 8695