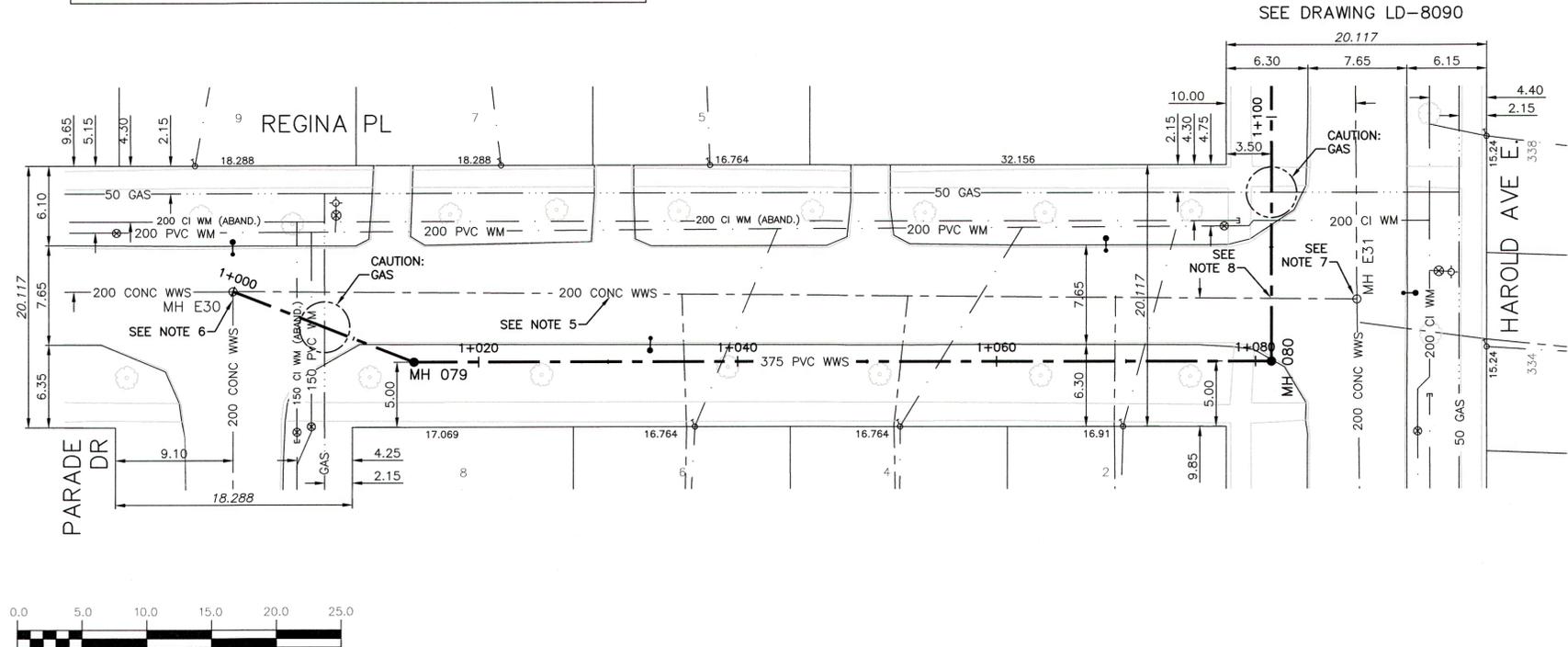


1+000 1+020 1+040 1+060 1+080

NOTE: CHAINAGES SHOWN ARE ALONG CL OF PROPOSED PIPE

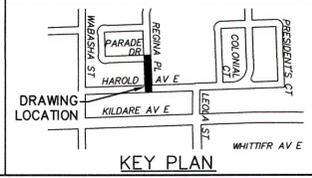


DISTANCE	DIAMETER	CLOCK
18.9	150	11
33.9	150	2
36.1	150	11
51.1	150	2
67.6	150	2

ALL EXISTING LIVE SEWER SERVICES TO BE RENEWED FROM PROPERTY LINE TO NEW 375 WWS

**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

- CONSTRUCTION NOTES:**
- SEWER AND WATER SERVICES SHOWN ON DRAWING ARE APPROXIMATE ONLY.
  - LOCATION OF ALL SEWER AND WATER LINES TO BE CONFIRMED IN FIELD.
  - INSTALL NEW SEWER BY TRENCHLESS METHODS, UNLESS OTHERWISE NOTED.
  - FRONT ACCESS TO ALL REGINA PLACE PROPERTIES TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION PERIOD.
  - EXISTING 200 WWS IN REGINA PLACE TO BE ABANDONED AFTER ALL LIVE CONNECTIONS DIVERTED TO NEW 375 WWS AS PER SPECIFICATIONS.
  - EXISTING OUTGOING 200 WWS PIPE TO BE ABANDONED AFTER ALL LIVE CONNECTIONS DIVERTED TO NEW 375 WWS AS PER SPECIFICATIONS.
  - EXISTING INCOMING 200 WWS PIPES (NORTH AND EAST) TO BE ABANDONED AFTER ALL LIVE CONNECTIONS DIVERTED TO NEW 375 WWS AS PER SPECIFICATIONS.
  - CONTRACTOR TO ENSURE THAT ALL NEW RELIEF PIPE WORK FROM EXISTING MH E30 TO CONNECTION TO KILDARE AVENUE EXISTING SEWER AND ALL SEWER SERVICE CONNECTIONS ARE IN PLACE PRIOR TO THE ABANDONMENT OF EXISTING WWS SEWERS. IT IS NOTED THAT TEMPORARY BY-PASSING OPERATIONS WILL BE NECESSARY AT CROSS POINT OF EXISTING AND NEW RELIEF SEWER AT INTERSECTION OF HAROLD AVENUE AND REGINA PLACE. THIS OPERATION WILL BE COMPLETED FOLLOWING THE CITY OF WINNIPEG SPECIFICATIONS.



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	50 GAS	300 LDS	LAND DRAINAGE SEWER	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS	50 GAS	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	---	PROPOSED	---	EXISTING	---
---	LEGEND-PLAN	---	LEGEND-PLAN	---	LEGEND-PROFILE	---

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. ELEV.
SUPV. U/G STRUCTURES COMMITTEE	DATE	CONSTRUCTION COMPLETION DATE: YYYY MM DD
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.		
DESIGNED BY	MAF	CHECKED BY
DRAWN BY	JBC	APPROVED BY
SCALE:	HORIZONTAL 1:250	VERTICAL 1:50
ISSUED FOR TENDER	10/17	JBC
NO.	REVISIONS	DATE

**ch2m**

DESIGNED BY: MAF  
 CHECKED BY: MD  
 DRAWN BY: JBC  
 APPROVED BY: [Signature]  
 SCALE: HORIZONTAL 1:250, VERTICAL 1:50  
 ISSUED FOR TENDER: 10/17  
 PLOT DATE: 2017 10 12



**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT  
 ENGINEERING DIVISION

TRANSCONA SEWER RELIEF WORKS  
 CONTRACT NO. 3  
 REGINA PLACE  
 PARADE DR TO  
 HAROLD AVE E.

SHEET 13 OF 19  
 CITY DRAWING NUMBER  
 LD-8089