

1+000 1+020 1+040 1+060 1+080 1+100

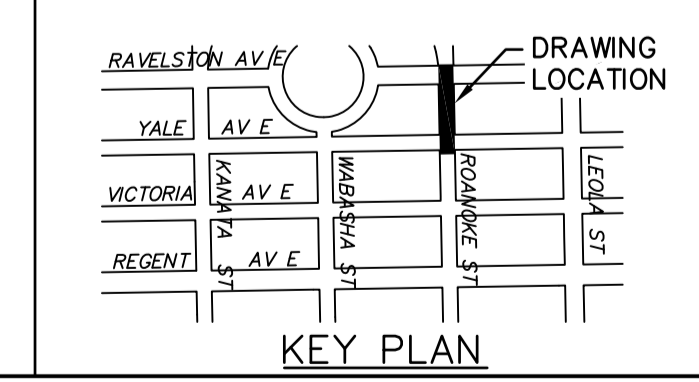
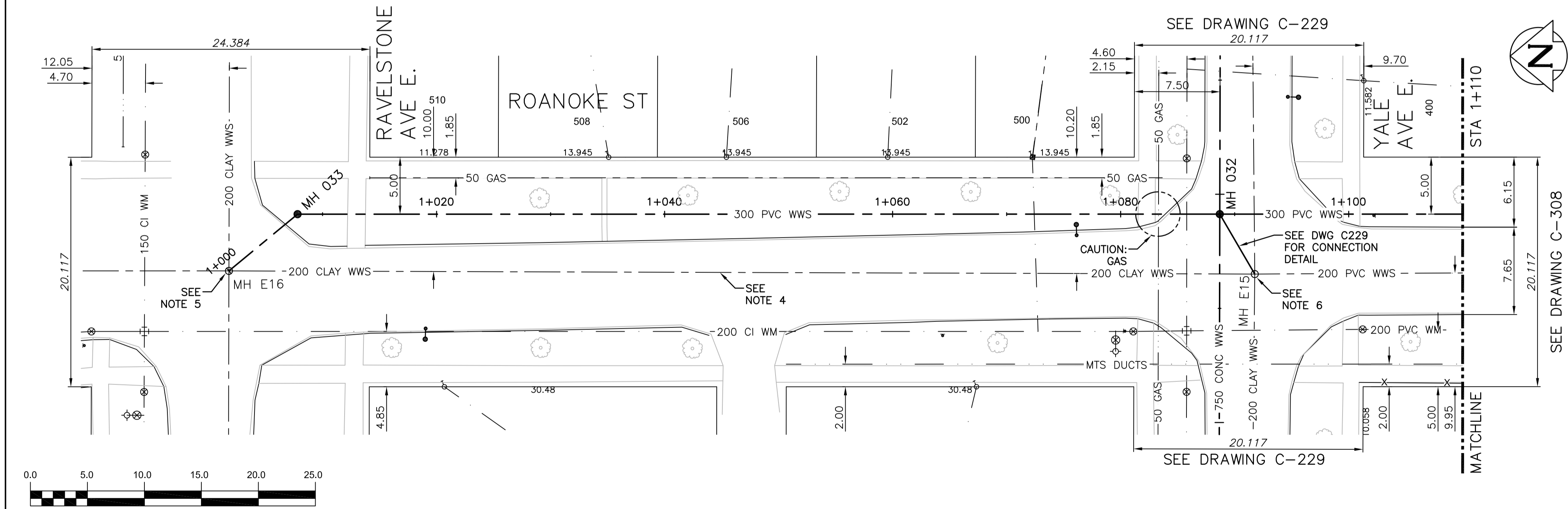
NOTE: CHAINAGES SHOWN ARE ALONG CL OF PROPOSED PIPE

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
DISTANCE FROM MH ID E17		
DISTANCE	DIAMETER	CLOCK
78.6	150	10

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.
 - EXISTING 200 WWS PIPE TO BE ABANDONED AFTER ALL LIVE CONNECTIONS DIVERTED TO NEW 300 PVC WWS AS PER SPECIFICATION.
 - EXISTING OUTGOING 200 PIPE TO BE ABANDONED AFTER ALL LIVE CONNECTIONS DIVERTED TO NEW 300 PVC WWS AS PER SPECIFICATION.
 - ALL SERVICES SHALL BE RENEWED TO PROPERTY LINE.
 - EXISTING TREES IN BOULEVARD TO BE PROTECTED AS PER SPECIFICATION CLAUSE E4.

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION		
DISTANCE FROM MH ID E16		
DISTANCE	DIAMETER	CLOCK
12.8	150	9
19.6	150	2
19.9	150	9
24.1	150	10
31.3	150	2
31.8	150	9
32.4	150	3
43.1	150	9
44.8	150	1
53.9	150	9
56.7	150	1
64.7	150	3
65.4	150	9
72.6	150	10
76.2	150	3



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	●	⊗	⊗	⊗	⊗
▽	CATCH BASIN	▽	⊙	⊙	⊙	⊙
□	CURB INLET	■	⊙	⊙	⊙	⊙
⊕	JUNCTIONS	⊕	⊙	⊙	⊙	⊙
⊕	CULVERT	⊕	⊙	⊙	⊙	⊙
⊕	ANODE	⊕	⊙	⊙	⊙	⊙
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/C 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.	CONSTRUCTION COMPLETION DATE: YYYY MM DD	DESIGNED BY: MAF	CHECKED BY: MD
		DRAWN BY: JBC	APPROVED BY: ES
		SCALE: HORIZONTAL 1:250	RELEASED FOR CONSTRUCTION: KZ
		VERTICAL 1:50	DATE: 2016-09-15



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

TRANSCONA SEWER RELIEF WORKS
 CONTRACT NO. 2
 ROANOKE ST
 FROM STA 1+000 TO 1+110

SHEET 19 OF 22
 CITY DRAWING NUMBER
 LD-7917