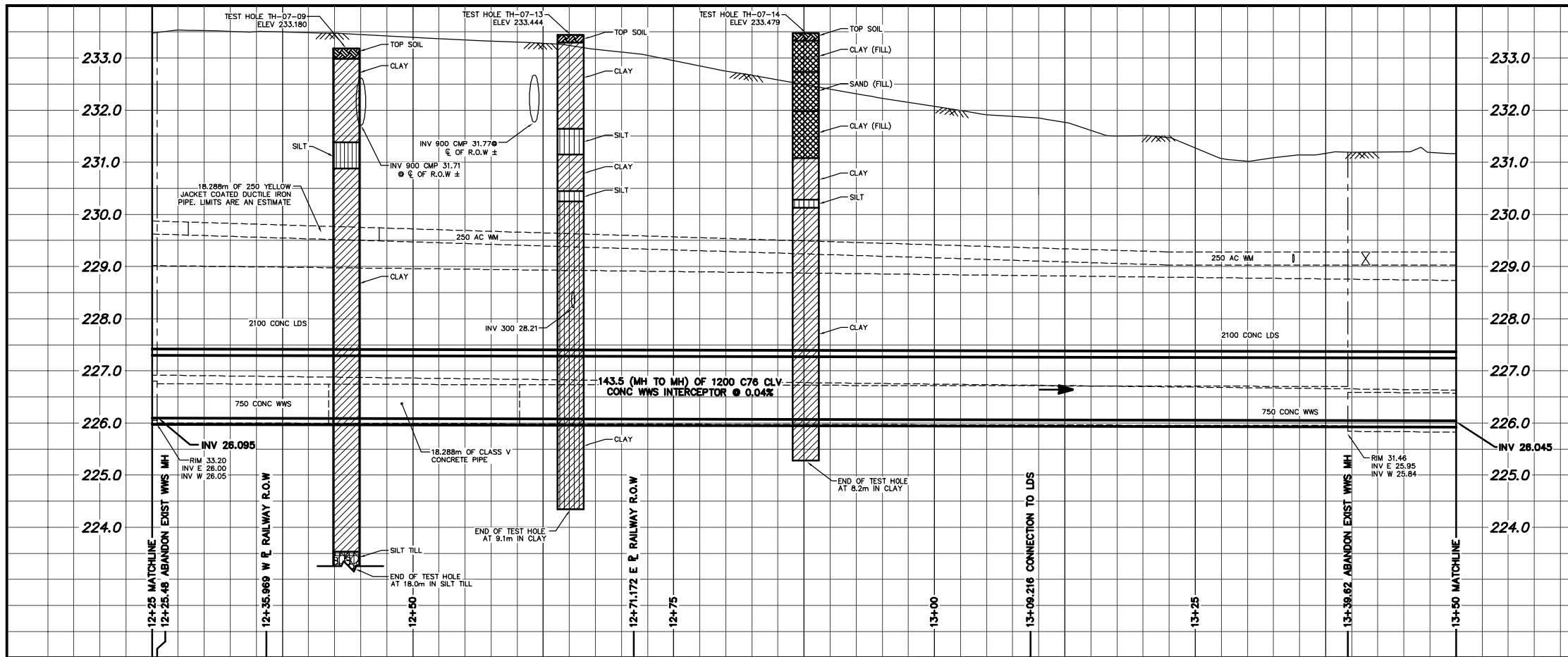


WATER SERVICE INFORMATION				
ADDRESS	SIZE (mm) & TYPE (STREET)	SIZE (mm) & TYPE (PRDP)	SHORT & LONG MEASUREMENT	CORP. LOCATION
80 KIRKBRIDGE DR	20 COPPER	20		NO INFO AVAILABLE
85 KIRKBRIDGE DR	20 COPPER	20		
88 KIRKBRIDGE DR	20 COPPER	20	29.85 EEL MARRINGTON	
RESIDENTIAL	20 COPPER	20	3.32 E OF W LOTLINE	
RESIDENTIAL	20 COPPER	20	50.35 EEL HILLMARTIN	
96 KIRKBRIDGE DR	20 COPPER	20	18.41 E OF W LOTLINE	
RESIDENTIAL	20 COPPER	20	4.50 WML HILLMARTIN	
102 KIRKBRIDGE DR	20 COPPER	20	7.58 W OF E LOTLINE	
RESIDENTIAL	20 COPPER	20		
106 KIRKBRIDGE DR	20 COPPER	20	2.46 W OF E LOTLINE	
RESIDENTIAL	20 COPPER	20		
110 KIRKBRIDGE DR	20 COPPER	20	6.12 E OF W LOTLINE	
RESIDENTIAL	20 COPPER	20		
114 KIRKBRIDGE DR	20 COPPER	20	9.87 E OF W LOTLINE	
RESIDENTIAL	20 COPPER	20		
132 MARRINGTON RD	50 COPPER	50	81.10>NNL KIRKBRIDGE	SERV. OFF MARRINGTON
RESIDENTIAL	20 COPPER	20		
2 HILLMARTIN DR	20 COPPER	20	6.96 SSL KIRKBRIDGE	0.15 N S/C SERV. OFF HILLMARTIN
RESIDENTIAL	20 COPPER	20		
2835 PEMBINA HWY	150 COPPER	150	53.88>NNL KIRKBRIDGE	SERV. OFF PEMBINA
COMMERCIAL	150 COPPER	150	67.38 W OF E LOTLINE	
2855 PEMBINA HWY	150 COPPER	150	43.12 EEL PEMBINA	OPP VALVE SERV. OFF KIRKBRIDGE



NOTE: CHAINAGES SHOWN ARE ALONG N E OF KIRKBRIDGE DRIVE

KIRKBRIDGE DRIVE

- CONSTRUCTION NOTES:**
- SEWER TO BE INSTALLED BY TRENCHLESS METHODS.
 - CONFIRM THE LOCATION OF ALL WATER AND SEWER SERVICES WITHIN LIMITS OF INSTALLATION.
 - BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 m OF PAVEMENT TO BE CLASS 3.
 - BACKFILL IN BOULEVARD TO BE CLASS 5.

WASTEWATER SEWER SPECIFICATIONS

O.D. (NOMINAL) - 1473 mmØ
 I.D. (NOMINAL) - 1218 mmØ
 MATERIAL - REINFORCED CONCRETE
 GRADE - C76-CLV
 METHOD OF INSTALLATION - TRENCHLESS METHOD (CORED OR JACKED)

SEWER SERVICE INFORMATION		
ADDRESS	SIZE	R DIST JUNCTION TIE
2835 PEMBINA HWY		
COMMERCIAL		
2855 PEMBINA HWY		
COMMERCIAL		

INFORMATION FROM PANEL 10, HOUSEFILES, & I-VIEW

FOR WATER SERVICE INFORMATION SEE DRAWING 8104

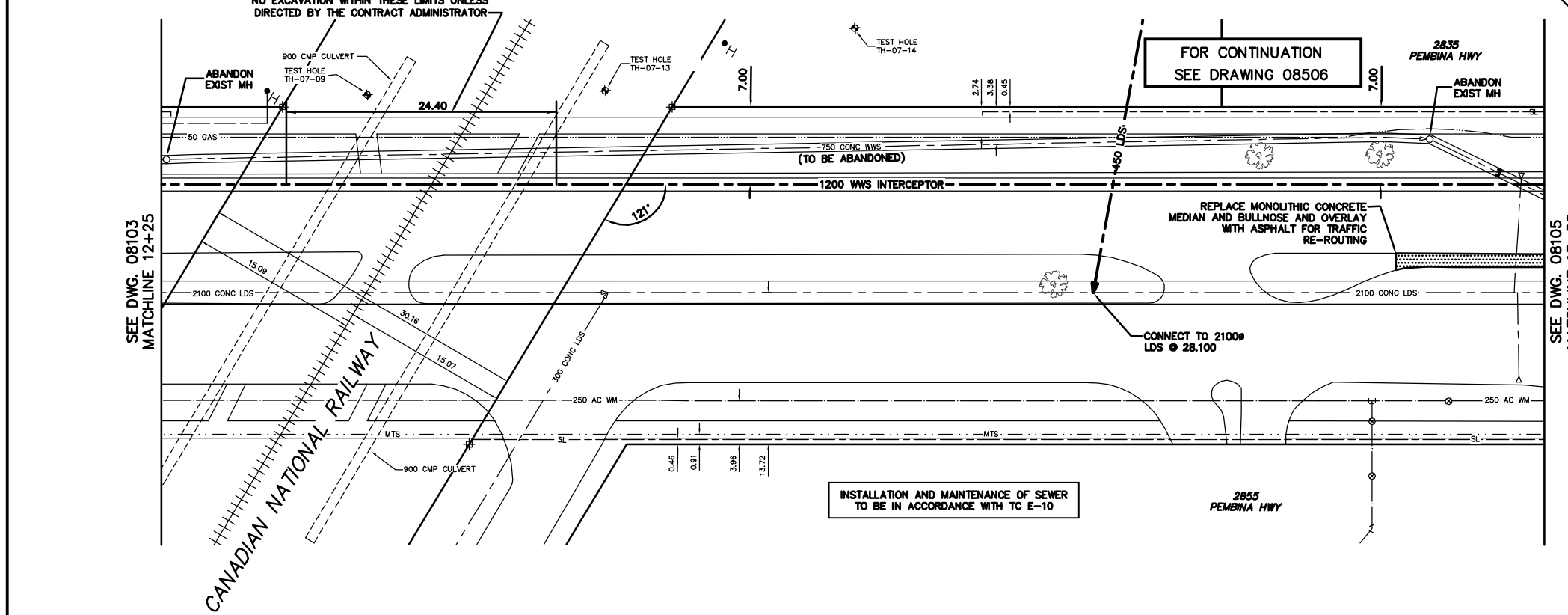
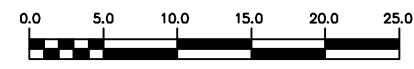
METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING

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

- 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



INSTALLATION AND MAINTENANCE OF SEWER TO BE IN ACCORDANCE WITH TC E-10

200 WM		200 WM		SL, HYDRO		150 WM		150 WM	
+	WATERMAIN	+	WATERMAIN	---	MTS	+	HYDRANT	+	HYDRANT
⊕	VALVE	⊕	VALVE	---	TRAFFIC SIGNALS	+	VALVE	+	VALVE
525 LDS	LAND DRAINAGE SEWER	525 LDS	50 GAS	---	GAS	50 GAS	300 LDS	300 LDS	LAND DRAINAGE SEWER
375 WWS	WASTEWATER SEWER	375 WWS	250 WWS	---	SURVEY BAR	250 WWS	250 WWS	250 WWS	WASTEWATER SEWER
○	MANHOLE	●	MANHOLE	---	FENCE	---	○	○	PROFILE
□	CATCH BASIN	■	CATCH BASIN	---	POLE - HYDRO, MTS	---	▬	▬	GROUND ABOVE PIPE
▽	CURB INLET	▽	CURB INLET	---	CURB STOP	---	△	△	☉ DITCH (NORTH & WEST)
+	JUNCTIONS	+	JUNCTIONS	---	GUY ANCHOR	---	▽	▽	☉ DITCH (SOUTH & EAST)
▬	CULVERT	▬	CULVERT	---	LIGHT STANDARD	---	▬	▬	GUTTER (NORTH & WEST)
○	ANODE	○	ANODE	---	TREE	---	○	○	GUTTER (SOUTH & EAST)
---	EXISTING	---	PROPOSED	---	EXISTING	---	---	---	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.	

CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION

DESIGNED BY: SC
 CHECKED BY: KZ
 DRAWN BY: PB/DD
 APPROVED BY: KZ
 HOR. SCALE: 1:250
 VERTICAL SCALE: 1:50
 DATE: 2008 08 14

ENGINEER'S SEAL
 ORIGINAL SIGNED BY S.R.J. COUNROYER
 08/08/14

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

WAVERLEY WEST INTERCEPTOR SEWER
 PHASE 1A-PEMBINA HWY TO AISNORTH PL
 KIRKBRIDGE DRIVE
 100 m EAST OF MARRINGTON RD TO
 36 m WEST OF PEMBINA HWY

SHEET 3 OF 6
 CITY DRAWING NUMBER 8104