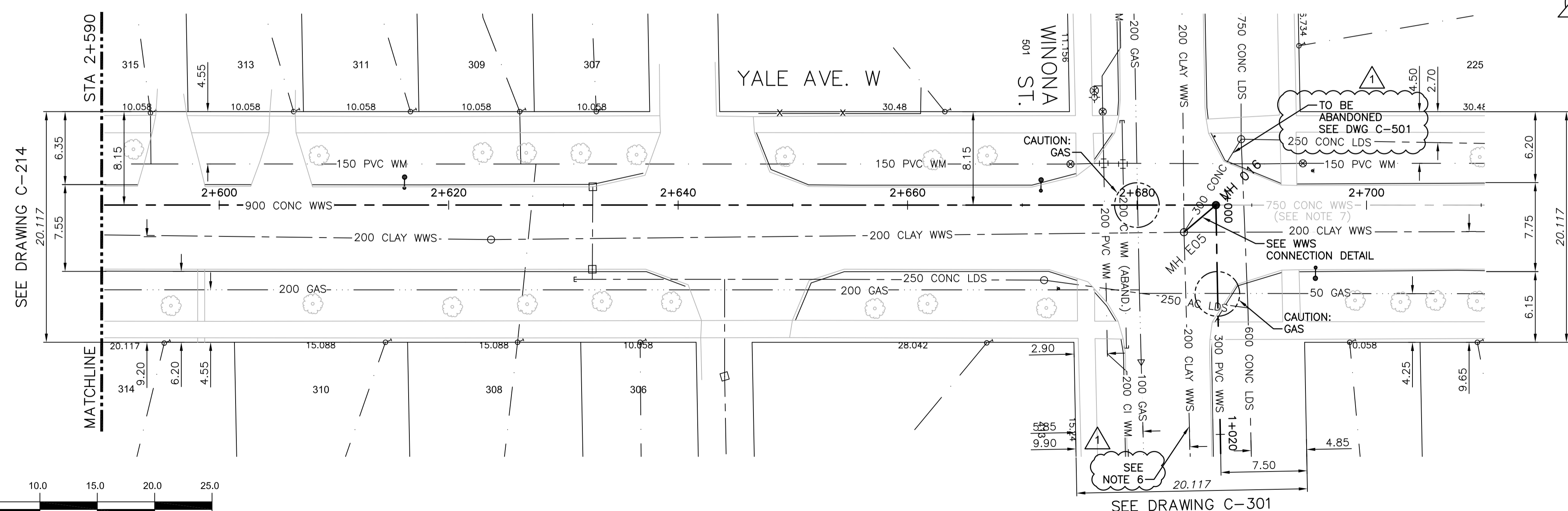


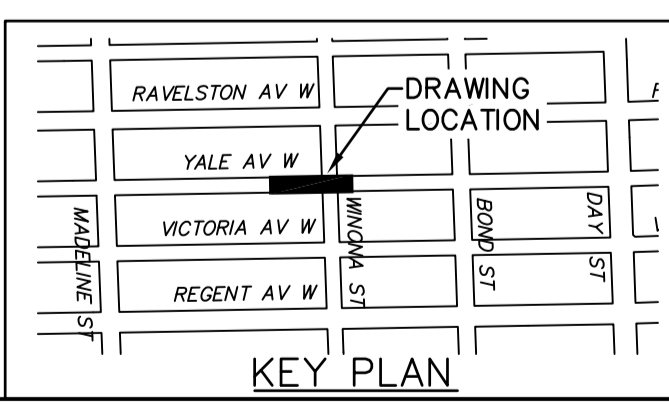
NOTE: CHAINAGES SHOWN ARE ALONG CL OF PROPOSED PIPE

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.
 - CONTRACT 1 FINISHES AT MANHOLE MH 016 WITH MANHOLE TO INCLUDE HOLE FOR FUTURE 750 DIAMETER PIPE FROM EAST. HOLE TO BE SECURELY BOARDED UP.
 - EXISTING CROSS CONNECTION TO BE INVESTIGATED AND CONDITION OF EXISTING FLAP AND SLUICE GATE TO BE PROVIDED TO CONTRACT ADMINISTRATOR PRIOR TO REMOVAL FOR RE-USE CONFIRMATION.
 - EXISTING 200mm PIPE ON WINONA STREET TO BE ABANDONED AFTER ALL LIVE CONNECTIONS DIVERTED TO NEW 300mm PVC WWS AS PER SPECIFICATIONS.
 - UPSTREAM 750mm PIPE NOT IN CONTRACT 1. PROVISION FOR FUTURE CONTRACT 2 CONNECTION TO BE PROVIDED BY ENSURING NEW MH 016 HAS SUITABLE PRE-CORED HOLE IN PLACE.



APEGM
 Certificate of Authorization
 CH2M HILL Canada Ltd.
 No. 1441 Date: 2016 02 11



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	■	POLE - HYDRO, MTS	⊕	POLE - HYDRO, MTS	⊕
▽	CURB INLET	▾	CURB STOP	⊕	CURB STOP	⊕
⊕	JUNCTIONS	⊕	GUY ANCHOR	⊕	GUY ANCHOR	⊕
⊕	CULVERT	⊕	LIGHT STANDARD	⊕	LIGHT STANDARD	⊕
⊕	ANODE	⊕	TREE	⊕	TREE	⊕
---	EXISTING	---	PROPOSED	---	EXISTING	---
---	LEGEND-PLAN	---	PROPOSED	---	LEGEND-PROFILE	---

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.

B.M. ELEV.	CONSTRUCTION COMPLETION DATE: YYYY MM DD	DESIGNED BY	CHECKED BY
	YYYY MM DD	MAF	MD
		DRAWN BY	APPROVED BY
		JBC	ES
		SCALE: HORIZONTAL 1:250	RELEASED FOR CONSTRUCTION
		VERTICAL 1:50	KZ
		DATE 02-12-16	DATE 02-12-16

ch2m

DESIGNED BY: MAF
 CHECKED BY: MD
 DRAWN BY: JBC
 APPROVED BY: ES
 SCALE: HORIZONTAL 1:250
 VERTICAL 1:50
 DATE: 02-12-16
 RELEASED FOR CONSTRUCTION: KZ

ENGINEER'S SEAL

ORIGINAL SIGNED BY
 S.D. GODON
 02-12-16

CONSULTANT DRAWING NUMBER
 C-215

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

TRANSCONA SEWER RELIEF WORKS
 CONTRACT NO. 1
 YALE AVE W
 FROM STA 2+590 TO WINONA ST

SHEET 18 OF 24
 CITY DRAWING NUMBER
 LD-7759