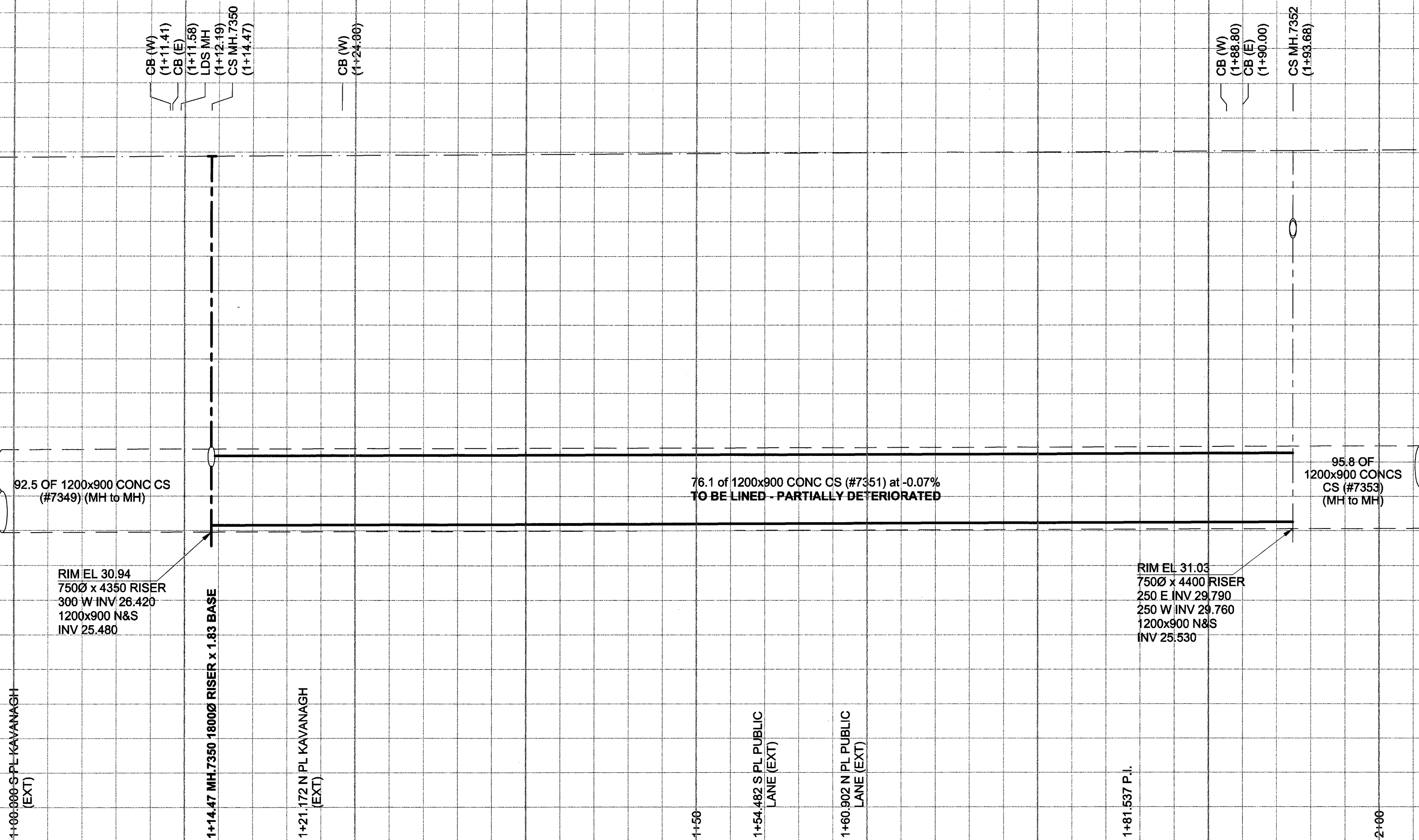
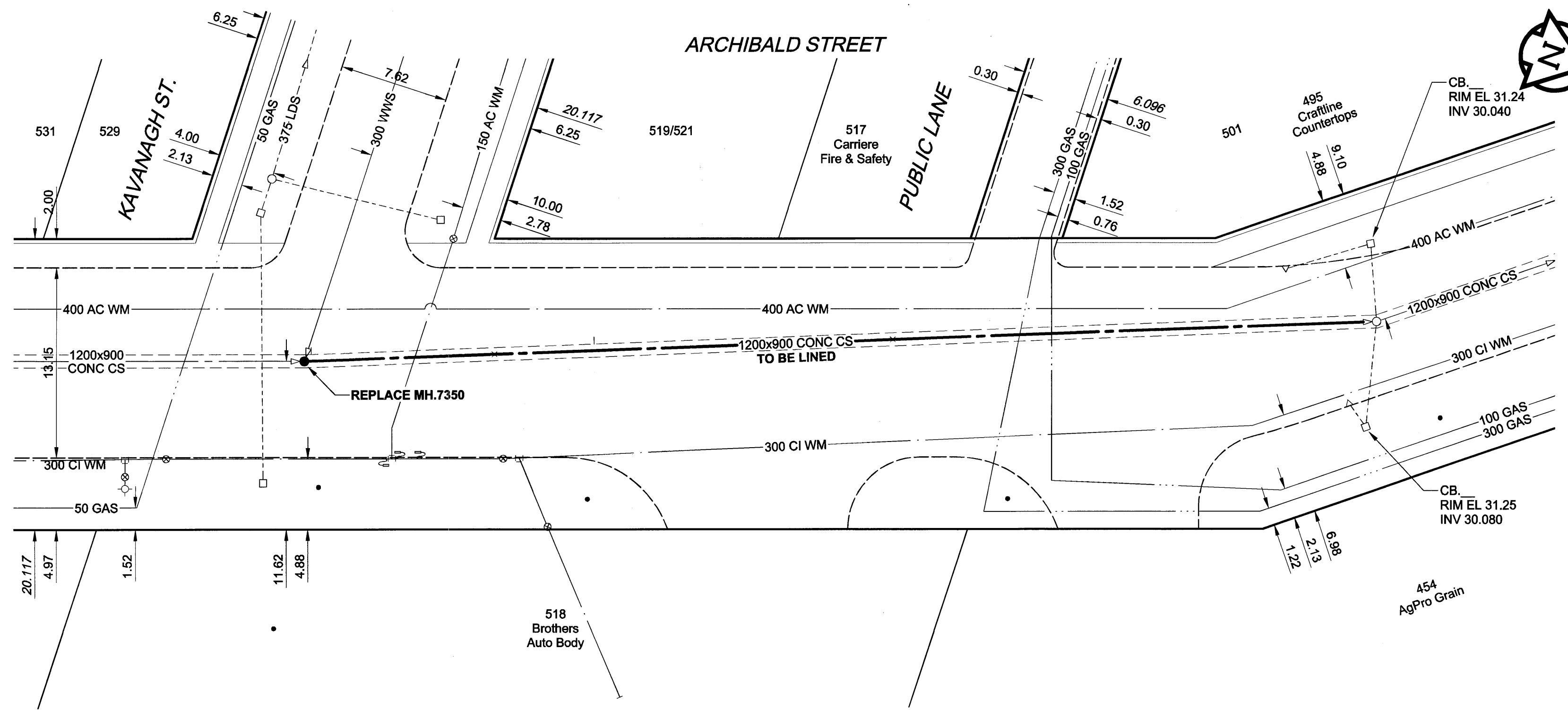


EXISTING FEATURES

232.0
231.0
230.0
229.0
228.0
227.0
226.0
225.0
224.0
224.0
233.0
CHAINAGE
ALONG E.P.



232.0
231.0
230.0
229.0
228.0
227.0
226.0
225.0
224.0
224.0
233.0



SEWER JUNCTION INFORMATION*

REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT
7350	0.20	250Ø	11
7350	13.30	150Ø	12
7350	20.30	150Ø	10
7350	41.20	150Ø	12

*JUNCTION LOCATION FROM VIDEO INSPECTION

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 140/92 FOR DETAILS

150 mm WM	WATERMAIN	150 mm WM	CURB STOP	150 mm WM	WATERMAIN	150 mm WM	LOCATION APPROVED
⊕	HYDRANT	⬆	REDUCER	⊕	LAND DRAINAGE SEWER	⊕	UNDERGROUND STRUCTURES
⊙	VALVE	⬆	COUPLING	⊕	WASTE WATER SEWER	⊕	DATE
⊙	LAND DRAINAGE SEWER	⊕	HYDRO	⊕	PAVEMENT CROWN	⊕	SUPR. U/G STRUCTURES
⊕	WASTE WATER SEWER	⊕	MTS	⊕	GROUNDLINE	⊕	DATE
⊕	MANHOLE	⊕	GAS	⊕		⊕	NOTE:
⊕	CATCH BASIN	⊕	ASPHALT	⊕		⊕	LOCATION OF UNDERGROUND STRUCTURES
⊕	CURB INLET	⊕	CONCRETE	⊕		⊕	AS SHOWN ARE BASED ON THE BEST
⊕	CULVERT	⊕	LIP CURB	⊕		⊕	INFORMATION AVAILABLE. BUT NO
⊕	COMMUNITY MAILBOX	⊕	MODIFIED BARRIER CURB	⊕		⊕	GUARANTEE IS GIVEN THAT ALL EXISTING
⊕	SURVEY BAR	⊕	RAMP CURB	⊕		⊕	UTILITIES ARE SHOWN OR THAT THE GIVEN
⊕	EXISTING	⊕	LEGEND - PLAN	⊕		⊕	LOCATIONS ARE EXACT. CONFIRMATION OF
⊕	NEW	⊕	LEGEND - PROFILE	⊕		⊕	EXISTENCE AND EXACT LOCATION OF ALL
⊕		⊕		⊕		⊕	SERVICES MUST BE OBTAINED FROM THE
⊕		⊕		⊕		⊕	INDIVIDUAL UTILITIES BEFORE PROCEEDING
⊕		⊕		⊕		⊕	WITH CONSTRUCTION.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2005

PROFESSIONAL'S SEAL
C. C. MACEY
REGISTERED ENGINEER
CONSULTANT DRAWING NO. 01
D265-107-03

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS
CONTRACT 34
SEWER LINING

ARCHIBALD STREET
60m N OF GIROUX STREET
TO 75m N OF KAVANAGH STREET

SHEET 1 OF 05
CITY DRAWING NUMBER
05480
REV 0

BID OPPORTUNITY NO. 265-2004