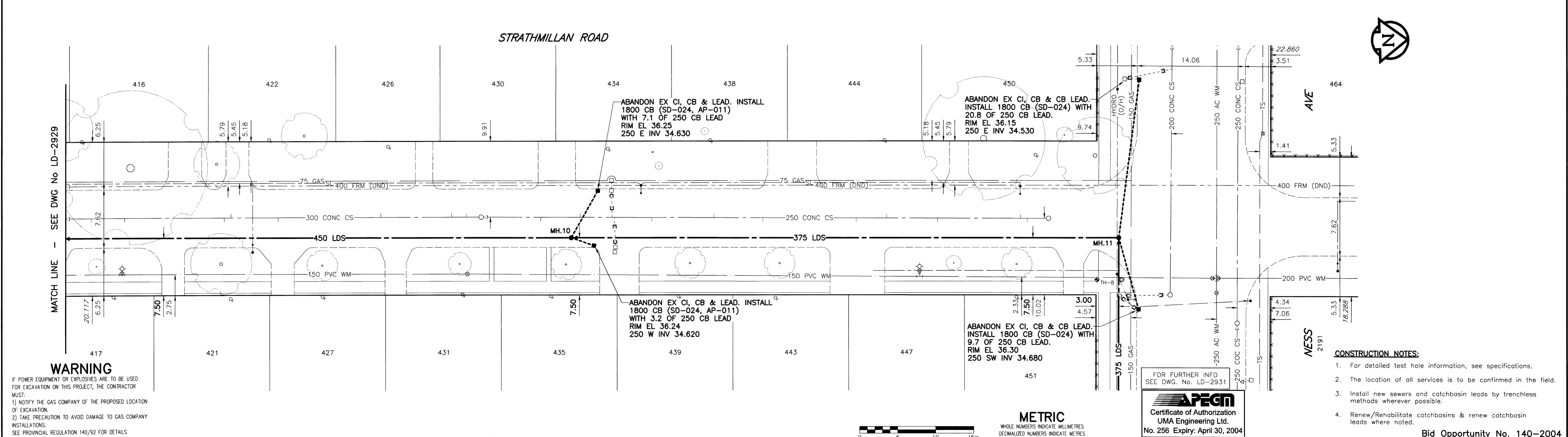
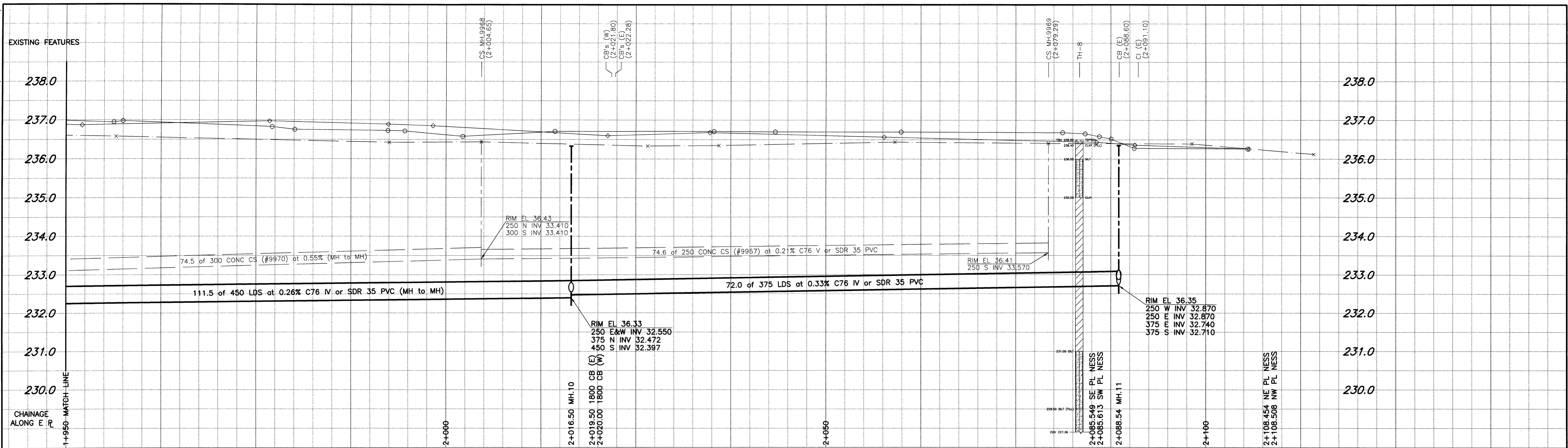


D SIZE 22" x 34" (558mm x 863mm)
 PLOT SCALE: 1:0.25
 UMA FILE NAME: STRO2PR_R - DWG 2004-04-07 11:23am ADL



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

- CONSTRUCTION NOTES:**
- For detailed test hole information, see specifications.
 - The location of all services is to be confirmed in the field.
 - Install new sewers and catchbasin leads by trenchless methods wherever possible.
 - Renew/Rehabilitate catchbasins & renew catchbasin leads where noted.

FOR FURTHER INFO SEE DWG. No. LD-2931
APGN
 Certificate of Authorization
 UMA Engineering Ltd.
 No. 256 Expiry: April 30, 2004

150 mm WM	WATERMAIN	150 mm WM	HYDRO	150 mm WM	WATERMAIN
○	HYDRANT	●	MTS	+	HYDRANT
○	VALVE	○	GAS	+	VALVE
○	LAND DRAINAGE SEWER	○	CONCRETE	+	LAND DRAINAGE SEWER
○	WASTE WATER SEWER	○	ASPHALT	+	WASTE WATER SEWER
○	MANHOLE	○	CURB STOP	+	PROFILE
○	CATCH BASIN	○	REDUCER	+	NORTH/WEST
○	CURB INLET	○	COUPLING	+	SOUTH/EAST
○	CULVERT	○	ANODE	+	LAMP STANDARD
○	SURVEY BAR	○	WM MONITORING STATION	+	TREE
○	PIPE ABANDONMENTS	○	EXISTING	+	LEGEND - PROFILE
○	LEGEND - PLAN	○	PROPOSED	+	PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

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.

NO.	REVISIONS	DATE	BY

UMA Engineering Ltd.
 • Consulting • Engineering • Construction • Management Services

DESIGNED BY: FMI
 CHECKED BY: C.C. MACEY
 DRAWN BY: ADL
 APPROVED BY: [Signature]
 HOR. SCALE: 1:250
 VERTICAL: 1:50
 DATE: 02/04/08

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
 C.C. MACEY
 REGISTERED ENGINEER
 CONSULTANT DRAWING NO. 05
 D265-096-03

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

STRATHMILLAN/MOORGATE COMBINED SEWER RELIEF CONTRACT 5

STRATHMILLAN ROAD
 135m S of NESS AVE.
 to NESS AVE.

SHEET 05 OF 20
 CITY DRAWING NUMBER LD-2930
 REV

Bid Opportunity No. 140-2004