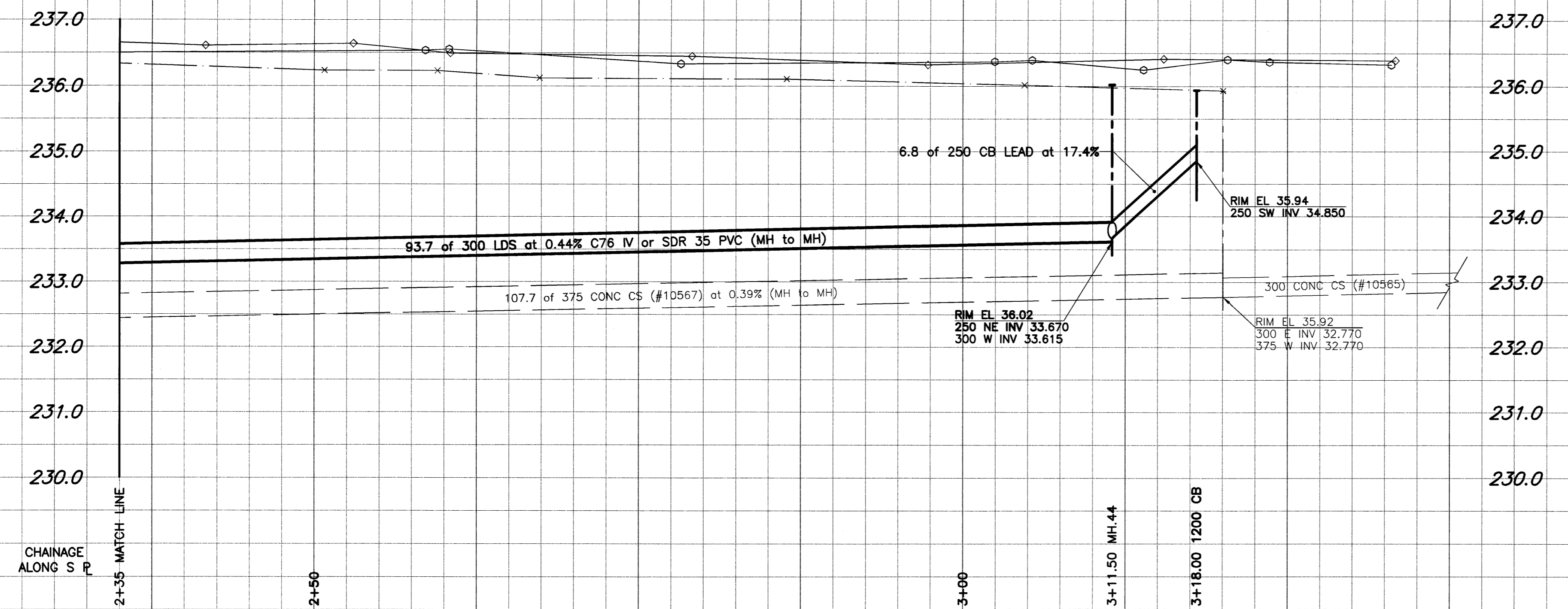
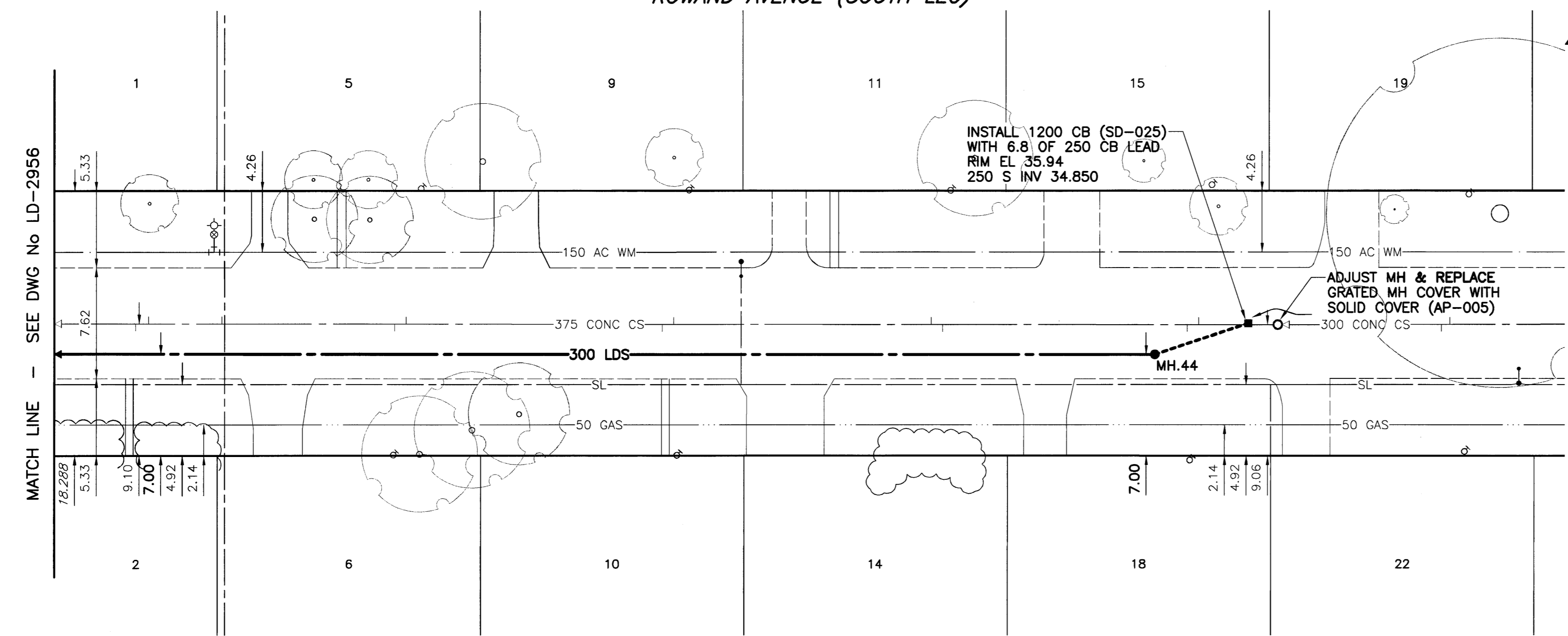


EXISTING FEATURES



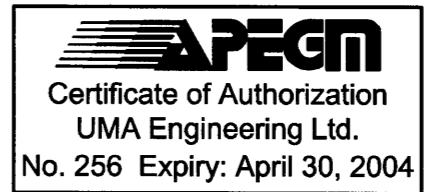
ROWAND AVENUE (SOUTH LEG)



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.



METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

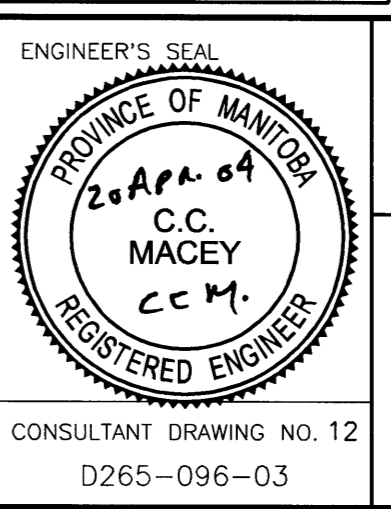
150 mm WM	WATERMAIN	150 mm WM	HYDRANT	MTS	150 mm WM	WATERMAIN	HYDRANT
300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS	VALVE	CONCRETE	300 mm LDS	LAND DRAINAGE SEWER	VALVE
250 mm WWS	WASTE WATER SEWER	250 mm WWS	MANHOLE	ASPHALT	250 mm WWS	WASTE WATER SEWER	MANHOLE
	CATCH BASIN		CURB STOP				CURB STOP
	CURB INLET		REDUCER				REDUCER
	CULVERT		COUPLING				COUPLING
	SURVEY BAR		ANODE				ANODE
	PIPE ABANDONMENTS		WM MONITORING STATION				WM MONITORING STATION
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE
							PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES

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.

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

DESIGNED BY: FMI
 CHECKED BY: CCM
 DRAWN BY: ADL
 APPROVED BY: [Signature]
 HOR. SCALE: 1:250
 VERTICAL: 1:50
 DATE: 04/04/20



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

STRATHMILLAN/MOORGATE
 COMBINED SEWER RELIEF
 CONTRACT 6

ROWAND AVENUE (SOUTH LEG)
 to 11m E of MOUNT ROYAL RD.
 to 116m E of MOUNT ROYAL RD.

SHEET 12 OF 15
 CITY DRAWING NUMBER LD-2957

D SIZE 22" x 34" (558mm x 863mm)
 PLOT SCALE: 1:0.25
 UMA FILE NAME: KAN02PR_R-DWG 2004-04-19 3:27pm ADL