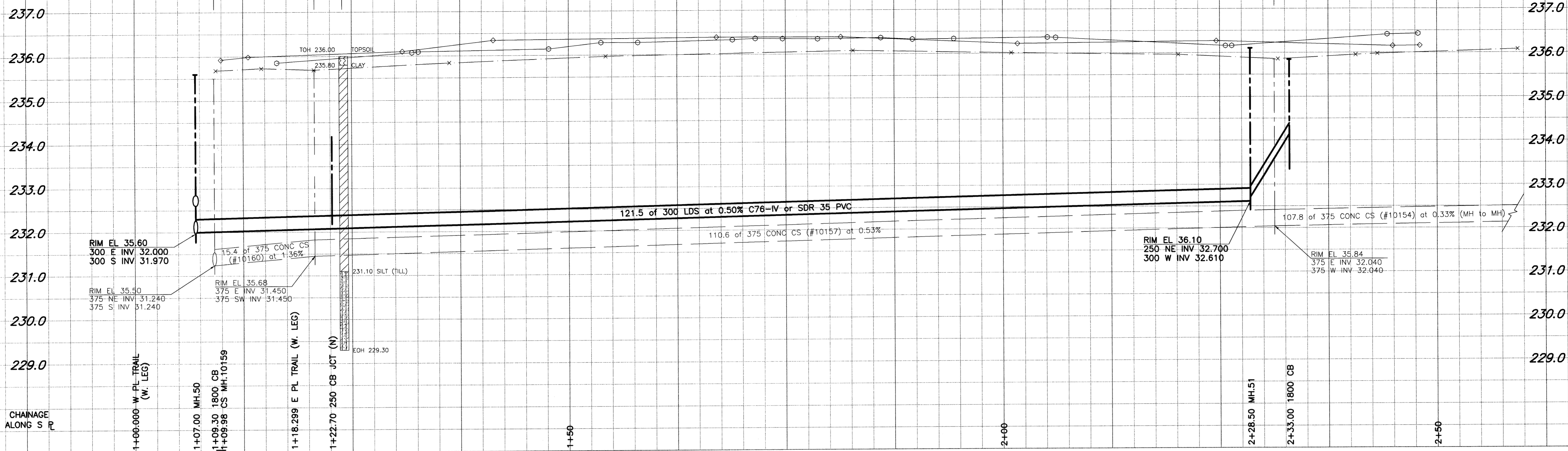
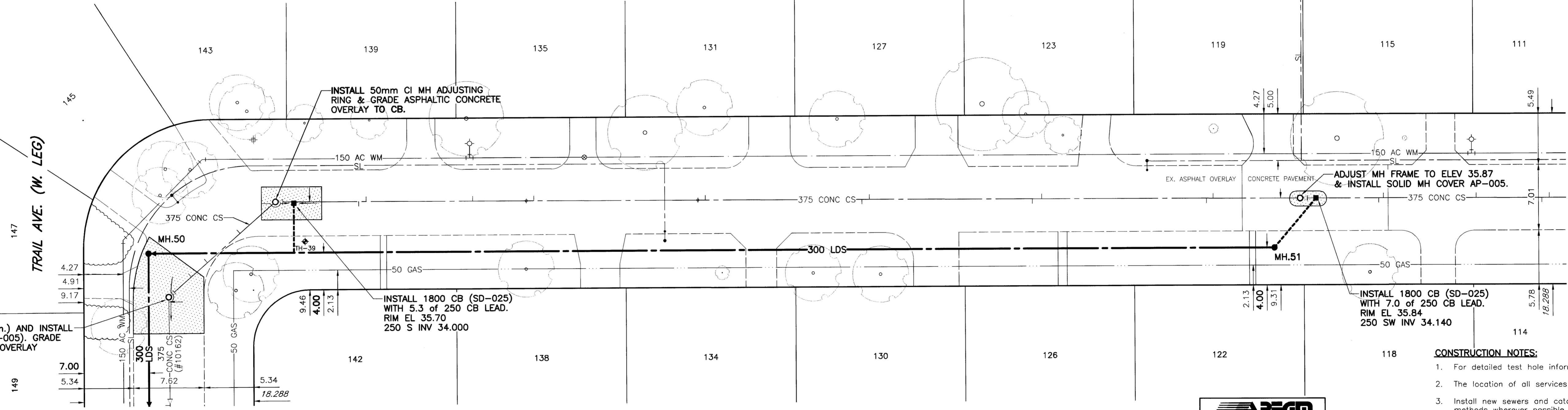


D. SIZE 22" x 34" (558mm x 863mm)

EXISTING FEATURES



TRAIL AVENUE (N. 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

FOR FURTHER INFO SEE DWG. NO. LD-3003

CONSTRUCTION NOTES:

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

Bid Opportunity No. 142-2004

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm WM	WATERMAIN	150 mm WM	HYDRO	MTS	150 mm WM	WATERMAIN	HYDRANT	
300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS	GAS	CONCRETE	300 mm LDS	LAND DRAINAGE SEWER	VALVE	
250 mm WWS	WASTE WATER SEWER	250 mm WWS	ASPHALT	ASPHALT	250 mm WWS	WASTE WATER SEWER	C PROFILE	
○	MANHOLE	○	CURB STOP	CURB STOP	○	MANHOLE	NORTH/WEST R	
□	CATCH BASIN	□	REDUCER	REDUCER	□	CATCH BASIN	SOUTH/EAST R	
△	CURB INLET	△	COUPLING	COUPLING	△	CURB INLET	LAMP STANDARD	
---	CULVERT	---	ANODE	ANODE	---	CULVERT	TREE	
+	SURVEY BAR	+	WM MONITORING STATION	WM MONITORING STATION	+	SURVEY BAR		
---	PIPE ABANDONMENTS	---			---	PIPE ABANDONMENTS		

LOCATION APPROVED UNDERGROUND STRUCTURES

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.

NO.	REVISIONS	DATE	BY

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

DESIGNED BY: FMI
 DRAWN BY: ADL
 HOR. SCALE: 1:250
 VERTICAL: 1:50
 DATE: 04/03/2004

CHECKED BY: CCM
 APPROVED BY: [Signature]
 RELEASED FOR CONSTRUCTION: [Signature]
 DATE: March 26, 2004

APEGM
 Certificate of Authorization
 UMA Engineering Ltd.
 No. 256 Expiry: April 30, 2004

PROFESSIONAL'S SEAL
 PROVINCE OF MANITOBA
 26 MAR 04
 C.C. MACEY
 REGISTERED ENGINEER
 CONSULTANT DRAWING NO. 05
 D265-096-04

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

STRATHMILLAN/MOORGATE
 COMBINED SEWER RELIEF
 CONTRACT 7
 TRAIL AVENUE (N. LEG)
 TRAIL AVE. (W. LEG)
 to 142M E of TRAIL AVE. (W. LEG)

SHEET 05 OF 09
 CITY DRAWING NUMBER
 REV
LD-3004

PLOT SCALE: 1:0.25
FILE: TRAD1PR_R-DWG 2004-03-18 09:30am ADL