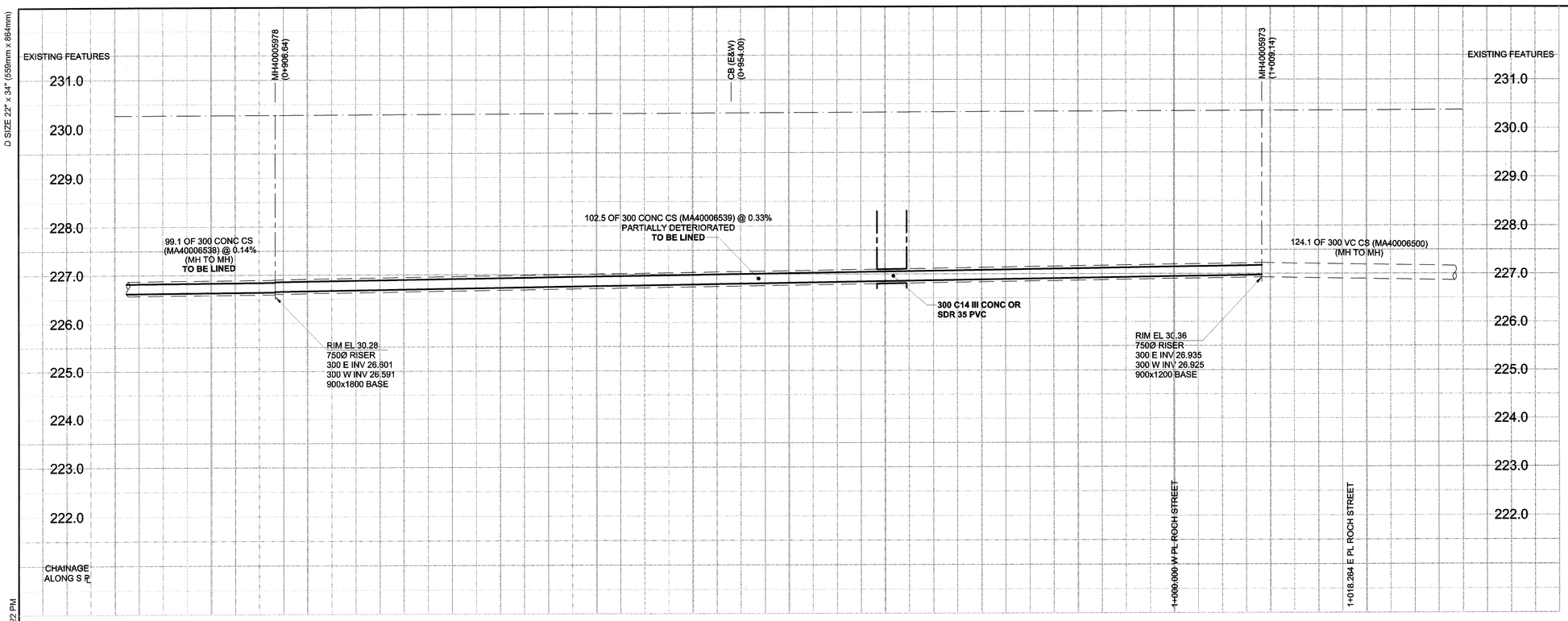

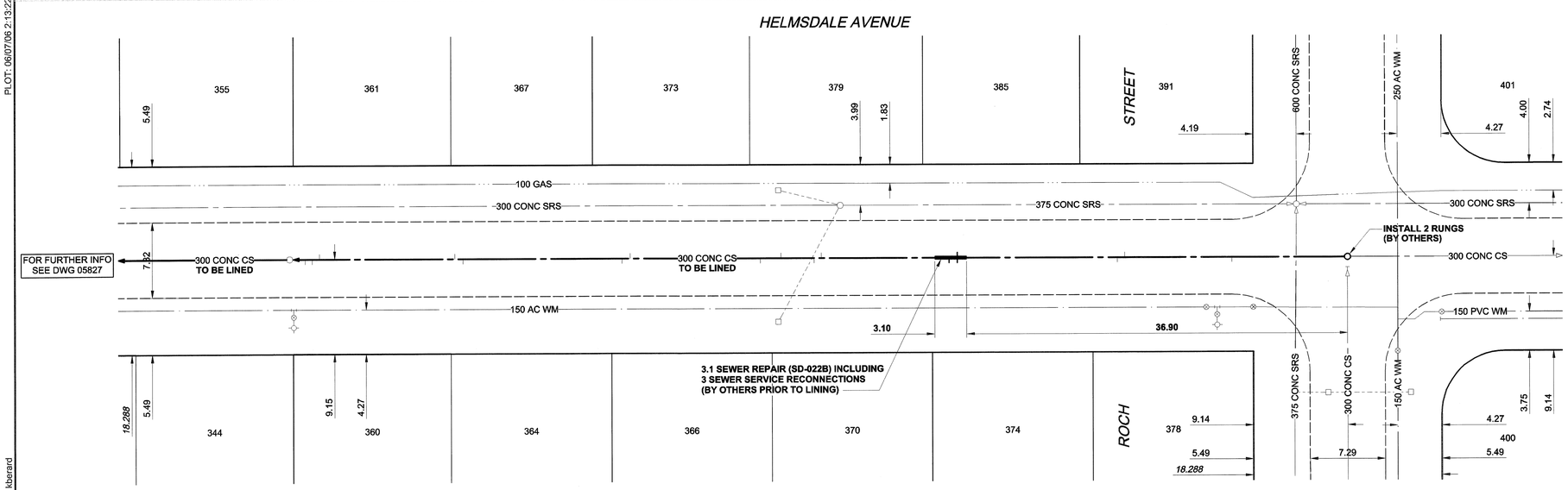

SEWER JUNCTION INFORMATION*

REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT
MH40005973	11.20	150Ø	11
MH40005973	21.60	150Ø	02
MH40005973	22.30	150Ø	10
MH40005973	23.20	150Ø	10
MH40005973	37.80	150Ø	02
MH40005973	37.80	150Ø	10
MH40005973	38.60	150Ø	10
MH40005973	51.00	150Ø	02
MH40005973	51.70	150Ø	10
MH40005973	54.90	150Ø	02
MH40005973	56.90	150Ø	10
MH40005973	69.50	150Ø	02
MH40005973	70.30	150Ø	11
MH40005973	85.70	150Ø	11
MH40005973	86.50	150Ø	02
MH40005973	99.60	150Ø	02
MH40005973	100.30	150Ø	10
MH40005973	101.00	150Ø	11

*JUNCTION LOCATION FROM VIDEO INSPECTION

SEWER SERVICE INFORMATION

ADDRESS	PL TIE (SHORT/LONG)	JUNCTION TIE	REMARKS
344 HELMSDALE AV			NO INFORMATION AVAILIBLE
360 HELMSDALE AV			NO INFORMATION AVAILIBLE
361 HELMSDALE AV			NO INFORMATION AVAILIBLE
364 HELMSDALE AV			NO INFORMATION AVAILIBLE
366 HELMSDALE AV			NO INFORMATION AVAILIBLE
367 HELMSDALE AV			NO INFORMATION AVAILIBLE
370 HELMSDALE AV			NO INFORMATION AVAILIBLE
373 HELMSDALE AV			NO INFORMATION AVAILIBLE
374 HELMSDALE AV			NO INFORMATION AVAILIBLE
378 HELMSDALE AV			NO INFORMATION AVAILIBLE
379 HELMSDALE AV			NO INFORMATION AVAILIBLE
385 HELMSDALE AV			NO INFORMATION AVAILIBLE
391 HELMSDALE AV			NO INFORMATION AVAILIBLE

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

APEGM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2007

BID OPPORTUNITY NO. 273-2006

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 WM	WATERMAIN	150 WM		CURB STOP		150 WM	WATERMAIN	150 WM
	HYDRANT			REDUCER			HYDRANT	
	VALVE			COUPLING			VALVE	
300 LDS	LAND DRAINAGE SEWER	300 LDS		ANODE		300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS		HYDRO		250 WWS	WASTE WATER SEWER	250 WWS
	MANHOLE			MTS			PAVEMENT CROWN	
	CATCH BASIN			GAS			N/W PROPERTY LINE	
	CURB INLET			TESTHOLE			S/E PROPERTY LINE	
	CULVERT			LAMP STANDARD			N/W GUTTER	
	PIPE ABANDONMENTS			TREE			S/E GUTTER	
	SURVEY BAR							

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

BM 12-051 S.W. Cor. Henderson Hwy. & Liden Ave., Tblt. on top of 0.05m dia. x 2.4m iron pipe, 1.9m N. of S.L. of Linden Ave. & on W.L. of Henderson Hwy.
ELEV 230.305m

NO.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	06/07/06	KMB

UMA | AECOM

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DESIGNED BY	MJR	CHECKED BY	A. Hawi
DRAWN BY	KMB	APPROVED BY	Bryan Lakhan
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:50		
DATE	06/07/07	DATE	Jul 07/06

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
07 July 2006
C. C. MACEY
REGISTERED ENGINEER

CONSULTANT DRAWING NO. 19
D265-207-01

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2006 COMBINED SEWER RENEWALS
BY CIPP LINING
CONTRACT 16

HELMSDALE AVENUE
MH AT ROCH STREET
TO 1ST MH W OF ROCH STREET

SHEET 19 OF 28

CITY DRAWING NUMBER
05828 REV 0

UMA FILE NAME: D265-207-01 01-C-1009 RX.dwg Saved By: kberard
PLOT: 06/07/06 2:13:22 PM
D SIZE 22" x 34" (559mm x 864mm)