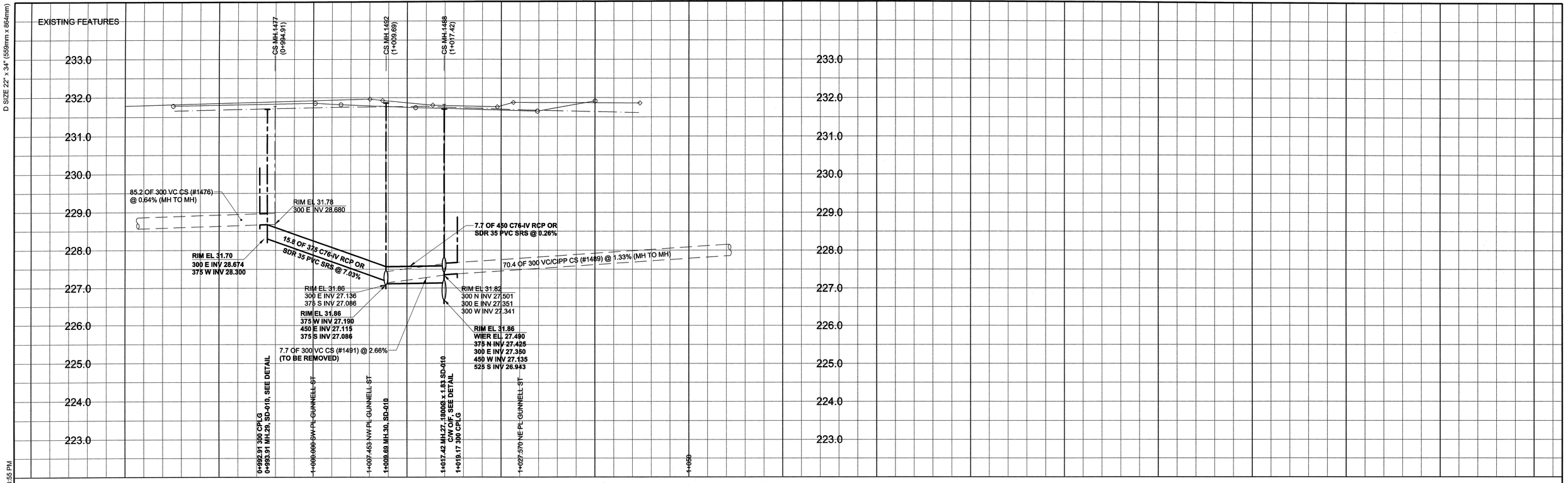
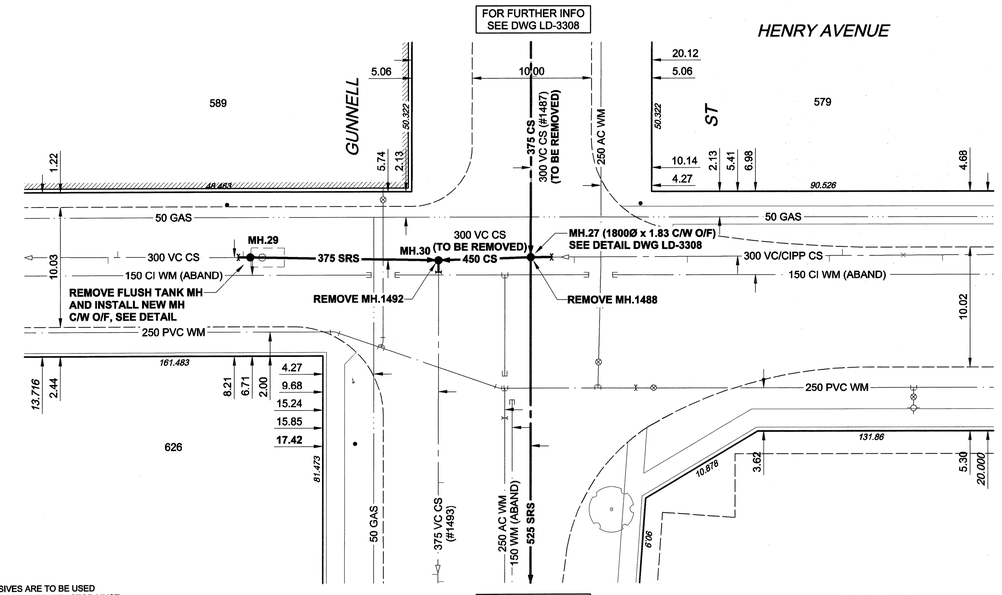
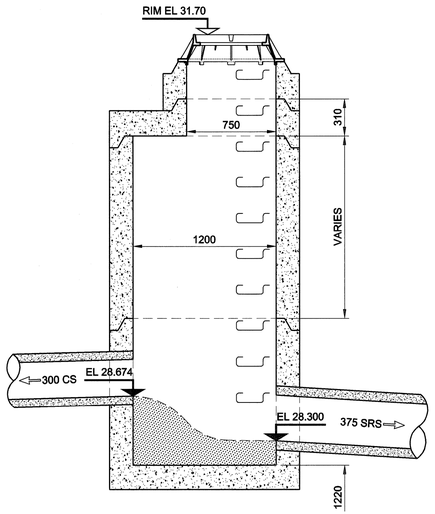
D SIZE 22" x 34" (559mm x 864mm)
PLOT: 06/03/11 12:33:55 PM
UMA FILE NAME: D265-177-02_01-C-0015_RX.dwg Saved By: diane



CHAINAGE ALONG S PL





MANHOLE 29 DETAIL

SCALE 1:25

TYPICAL MANHOLE REQUIREMENTS AS PER SD-010

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

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 mm WM	WATERMAIN	150 mm WM		CURB STOP		150 mm WM	WATERMAIN	150 mm WM
	HYDRANT			REDUCER			HYDRANT	
	VALVE			COUPLING			VALVE	
300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS		ANODE		300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS
250 mm WWS	WASTE WATER SEWER	250 mm WWS		HYDRO		250 mm WWS	WASTE WATER SEWER	250 mm 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, UIG 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 36-017 N.W. Cor. Logan Ave. & Gwendoline St., Tblt. in S. Conc. foundation Manitoba Provincial Garage, 0.5m W. & 0.1m below brick of S.E. Cor. of Bldg.
ELEV 232.313m

NO.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	06/03/08	ADL

CONSTRUCTION NOTES:
1. FOR DETAILED TEST HOLE INFORMATION, SEE SPECIFICATION.
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.

APEGM Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2006

BID OPPORTUNITY NO. 132-2006

UMA | AECOM

© 2005 UMA ENGINEERING LTD. ALL RIGHTS RESERVED.

DESIGNED BY	GEB	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:50		
DATE	06/03/14	DATE	March 14/06

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
A. NAGY
March 13, 2006
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 15
D265-177-02-01

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

ALEXANDER/BANNATYNE COMBINED SEWER RELIEF CONTRACT 2A

HENRY AVENUE

GUNNELL STREET
TO 90m WEST OF HENRY AVENUE NORTH

SHEET 15 OF 21
CITY DRAWING NUMBER
LD-3309
REV 0