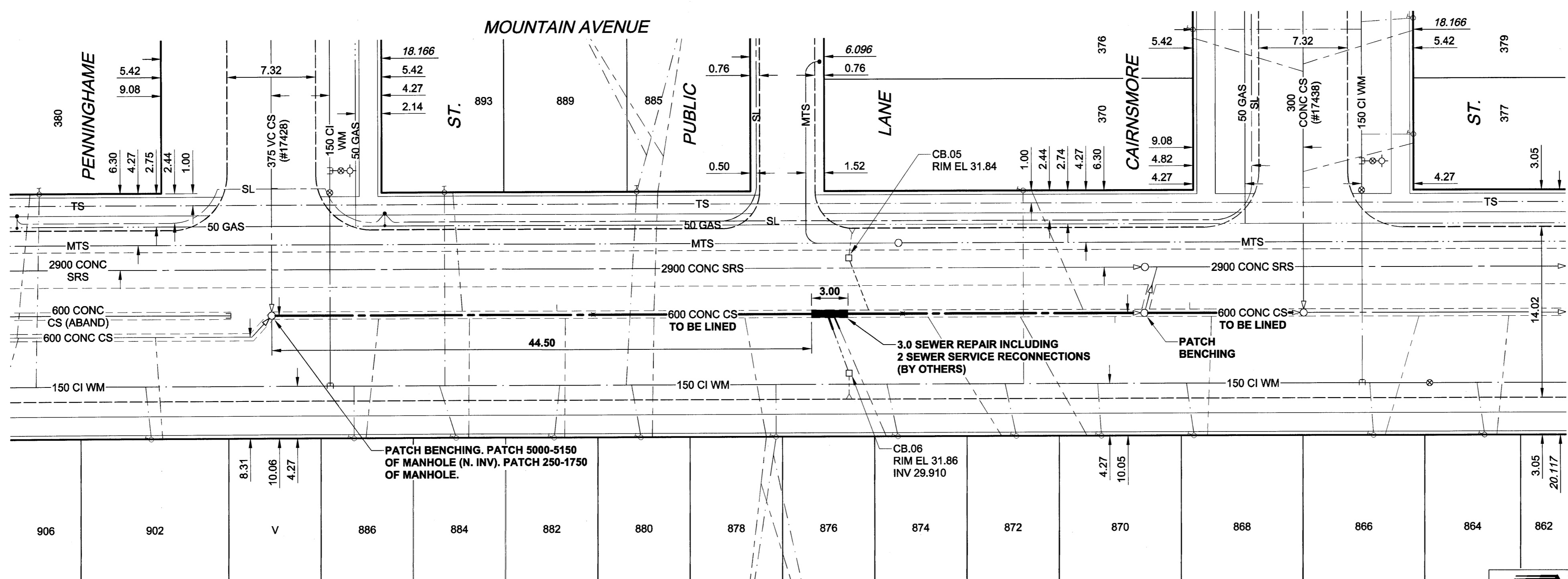
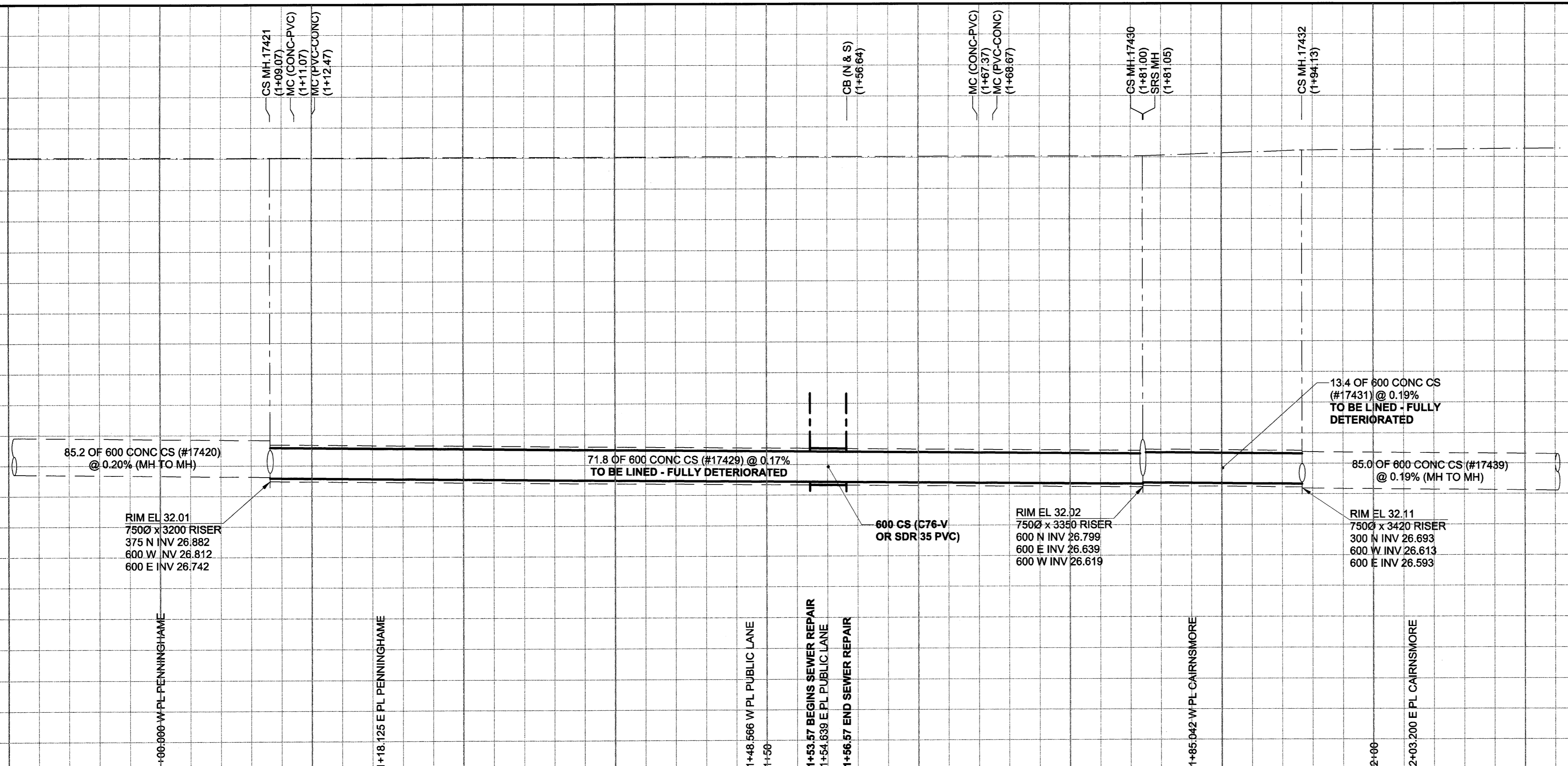


EXISTING FEATURES

233.0  
232.0  
231.0  
230.0  
229.0  
228.0  
227.0  
226.0  
225.0  
224.0  
223.0

233.0  
232.0  
231.0  
230.0  
229.0  
228.0  
227.0  
226.0  
225.0  
224.0  
223.0



**SEWER JUNCTION INFORMATION\***

REF. MH	DIST FROM	SIZE	CLOCK AT
17421	8.80	1500	01
17421	15.70	1500	11
17421	16.30	1500	01
17421	23.50	1500	11
17421	24.20	1500	01
17421	26.50	1500	12
17421	31.50	1500	11
17421	31.50	1500	02
17421	39.00	1500	01
17421	45.90	2000	04
17421	46.40	1500	01
17421	49.20	1500	11
17421	49.20	1500	01
17421	52.00	1500	12
17421	54.10	1500	01
17421	61.70	1500	01
17421	67.00	1500	12
17421	69.50	1500	01
17430	4.10	1500	11
17430	5.90	1500	01

\*JUNCTION LOCATION FROM VIDEO INSPECTION

**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

150 mm WM	WATERMAIN	150 mm WM	CURB STOP	150 mm WM	WATERMAIN	150 mm WM
	HYDRANT		REDUCER		LAND DRAINAGE SEWER	
	VALVE		COUPLING		WASTE WATER SEWER	
	LAND DRAINAGE SEWER		MTS		PAVEMENT CROWN	
	WASTE WATER SEWER		GAS		GROUNDLINE	
	MANHOLE		ASPHALT			
	CATCH BASIN		CONCRETE			
	CURB INLET		LIP CURB			
	CULVERT		MODIFIED BARRIER CURB			
	COMMUNITY MAILBOX		RAMP CURB			
	SURVEY BAR					
	EXISTING		NEW		EXISTING	
	LEGEND - PLAN		LEGEND - PLAN		LEGEND - PROFILE	

**LOCATION APPROVED**  
UNDERGROUND STRUCTURES  
SUPR. U/G 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.

BM 25-0251	S.W. Cor. Mountain Ave. & Arlington St., Tblt. in S.W. Conc. foundation of No. 772 Mountain Ave., 1m E. & 0.1m below bricks of S.W. Cor. of Bldg.
ELEV 232.337m	
DESIGNED BY	ALD
CHECKED BY	
DRAWN BY	ADL
APPROVED BY	
HOR. SCALE	1:250
VERT. SCALE	1:50
ISSUED FOR CONSTRUCTION	04/05/31 ADL
NO. REVISIONS	YYMMDD BY DATE

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**UMA**  
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DESIGNED BY ALD  
CHECKED BY   
DRAWN BY ADL  
APPROVED BY

HOR. SCALE 1:250  
VERT. SCALE 1:50

RELEASED FOR CONSTRUCTION

CONSULTANT DRAWING NO. 03  
D265-107-01

**APEGM**  
Certificate of Authorization  
UMA Engineering Ltd.  
No. 256 Expiry: April 30, 2005

PROFESSIONAL'S SEAL  
28 MAY 04  
C. C. MACEY  
REGISTERED ENGINEER  
CONSULTANT DRAWING NO. 03  
D265-107-01

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

**2004 COMBINED SEWER RENEWALS**  
CONTRACT 12  
SEWER LINING  
MOUNTAIN AVENUE  
PENNINGHAME STREET  
TO CAIRNSMORE STREET

SHEET 03 OF 08  
CITY DRAWING NUMBER  
**05457**  
REV 0

BID OPPORTUNITY NO. 240-2004