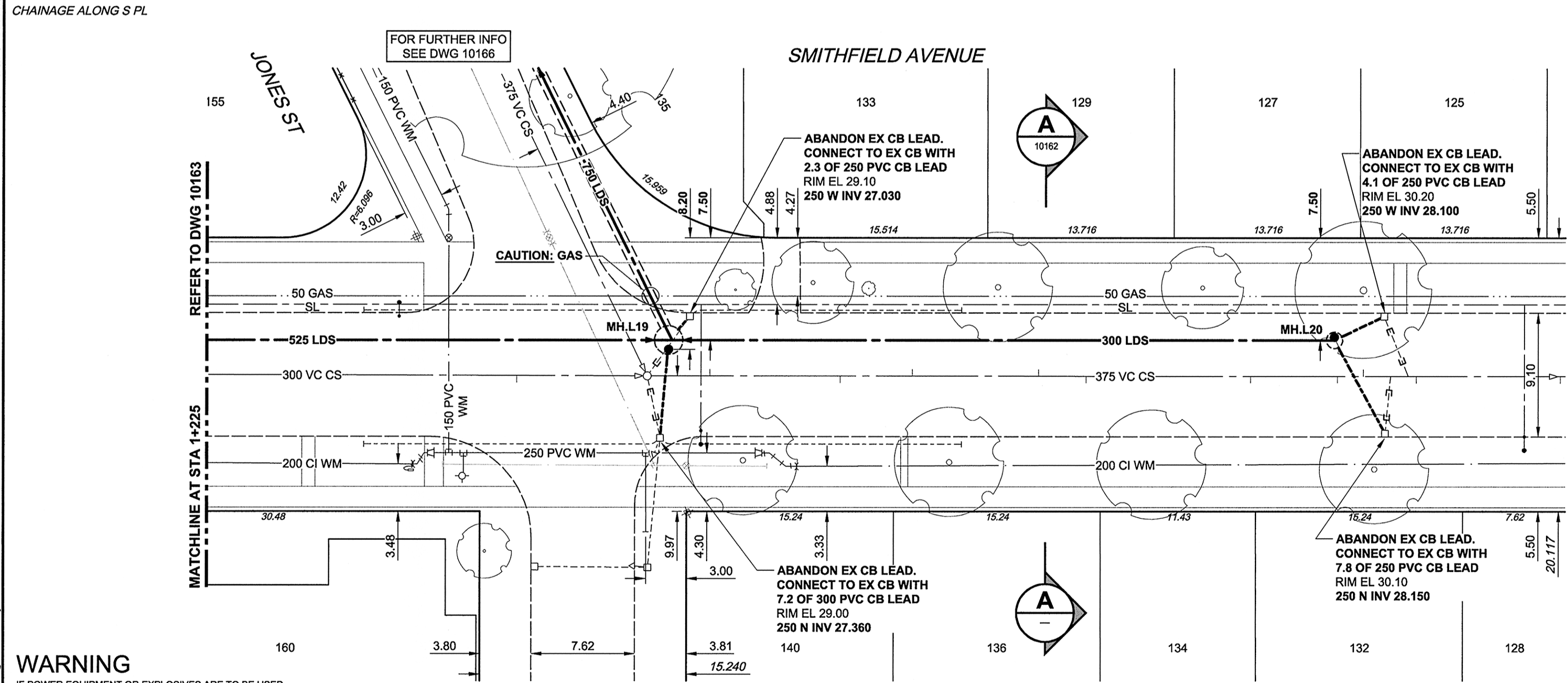
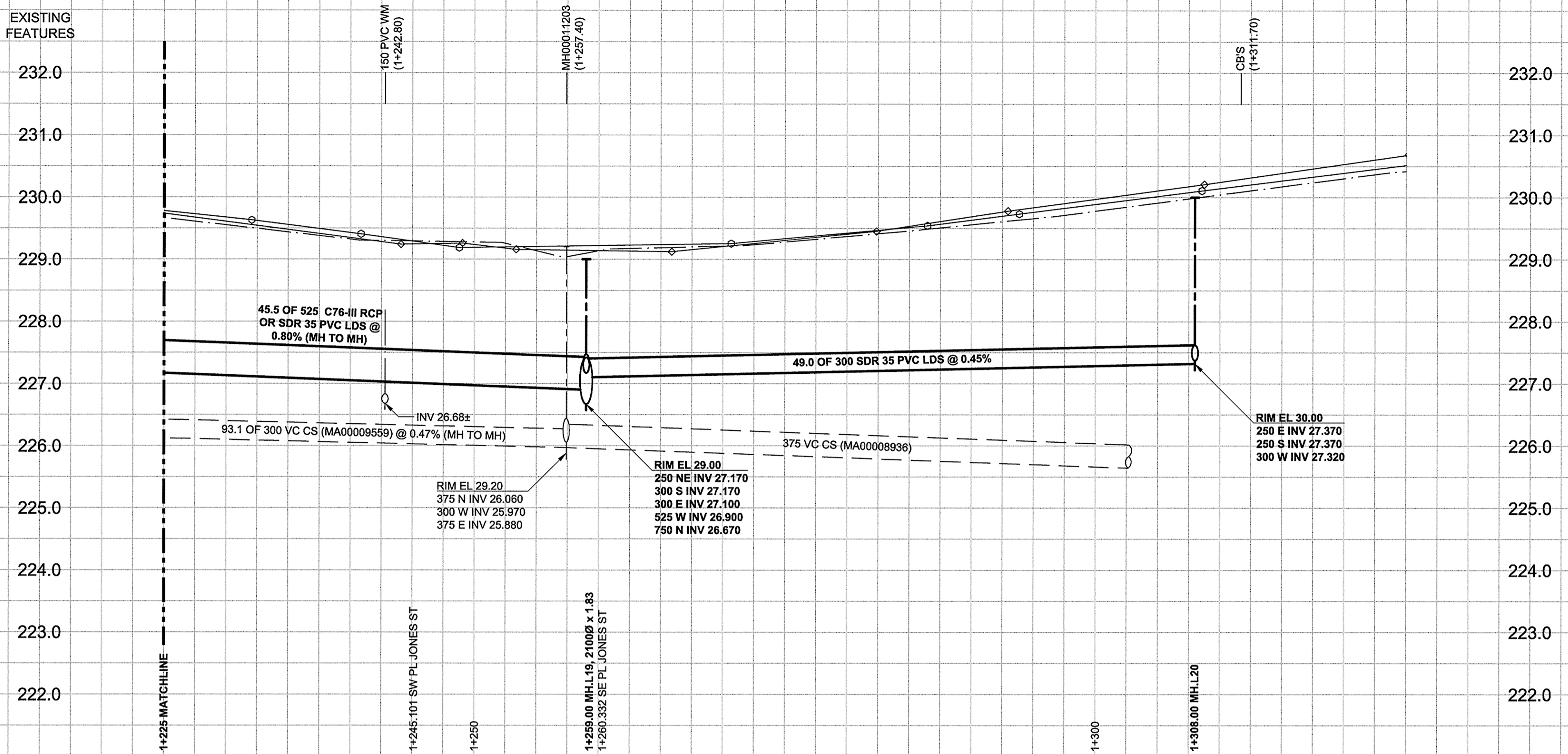


D SIZE 22" x 34" (596mm x 864mm)

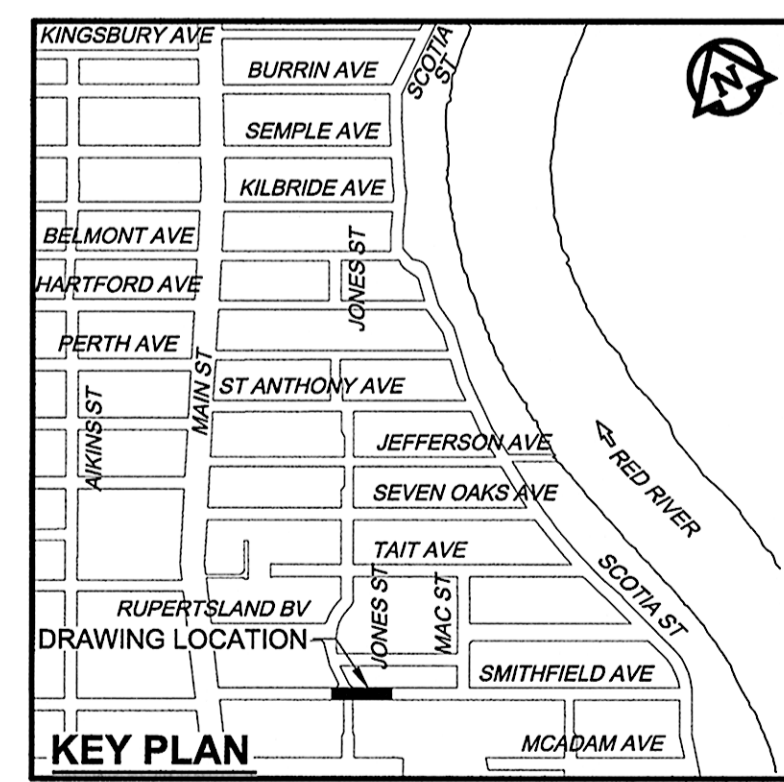
PLOT: 05/2012 2:44:55 PM

AECOM REVIEW DRFT CHK



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 SPECIFICATION.
 - CONFIRM LOCATION OF ALL WATER & WASTEWATER SERVICES IN THE FIELD.
 - INSTALL NEW SEWERS, CATCHBASIN LEADS AND WATERMAINS BY TRENCHLESS METHODS.
 - LOCATION OF SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE.
 - ALL SHAFTS SHALL HAVE CLASS 3 BACKFILL EXCEPTING THOSE ON MAIN STREET WHICH SHALL HAVE CLASS 1 BACKFILL.



APEGN
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: June 5, 2012

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

150 WM	WATERMAIN	150 WM	CURB STOP	150 WM	WATERMAIN	150 WM
	HYDRANT		REDUCER		HYDRANT	
	VALVE		COUPLING		VALVE	
	LAND DRAINAGE SEWER		ANODE		LAND DRAINAGE SEWER	
	WASTE WATER SEWER		HYDRO		WASTE WATER SEWER	
	MANHOLE		MTS		MANHOLE	
	CATCH BASIN		GAS		CATCH BASIN	
	CURB INLET		TESTHOLE		CURB INLET	
	CULVERT		LAMP STANDARD		CULVERT	
	PIPE ABANDONMENTS		TREE		PIPE ABANDONMENTS	
	SURVEY BAR				SURVEY BAR	
	EXISTING		NEW		EXISTING	

LOCATION APPROVED UNDERGROUND STRUCTURES

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	12/06/06	ADL

AECOM

DESIGNED BY	JEB	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:50	DATE	June 5, 2012

PROFESSIONAL'S SEAL
 PROVINCE OF MANITOBA
E.D.J. TOUPIN
 Member
 23484
 REGISTERED PROFESSIONAL ENGINEER
 CONSULTANT DRAWING NO.
 60219315-SHT-30-Ph01 C-0014.dwg

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

JEFFERSON EAST
 COMBINED SEWER RELIEF
 CONTRACT 1
 SMITHFIELD AVENUE
 185m EAST OF MAIN STREET TO
 JONES STREET

SHEET 14 OF 20
 CITY DRAWING NUMBER
10164
 REV 0

BID OPPORTUNITY NO. 430-2012