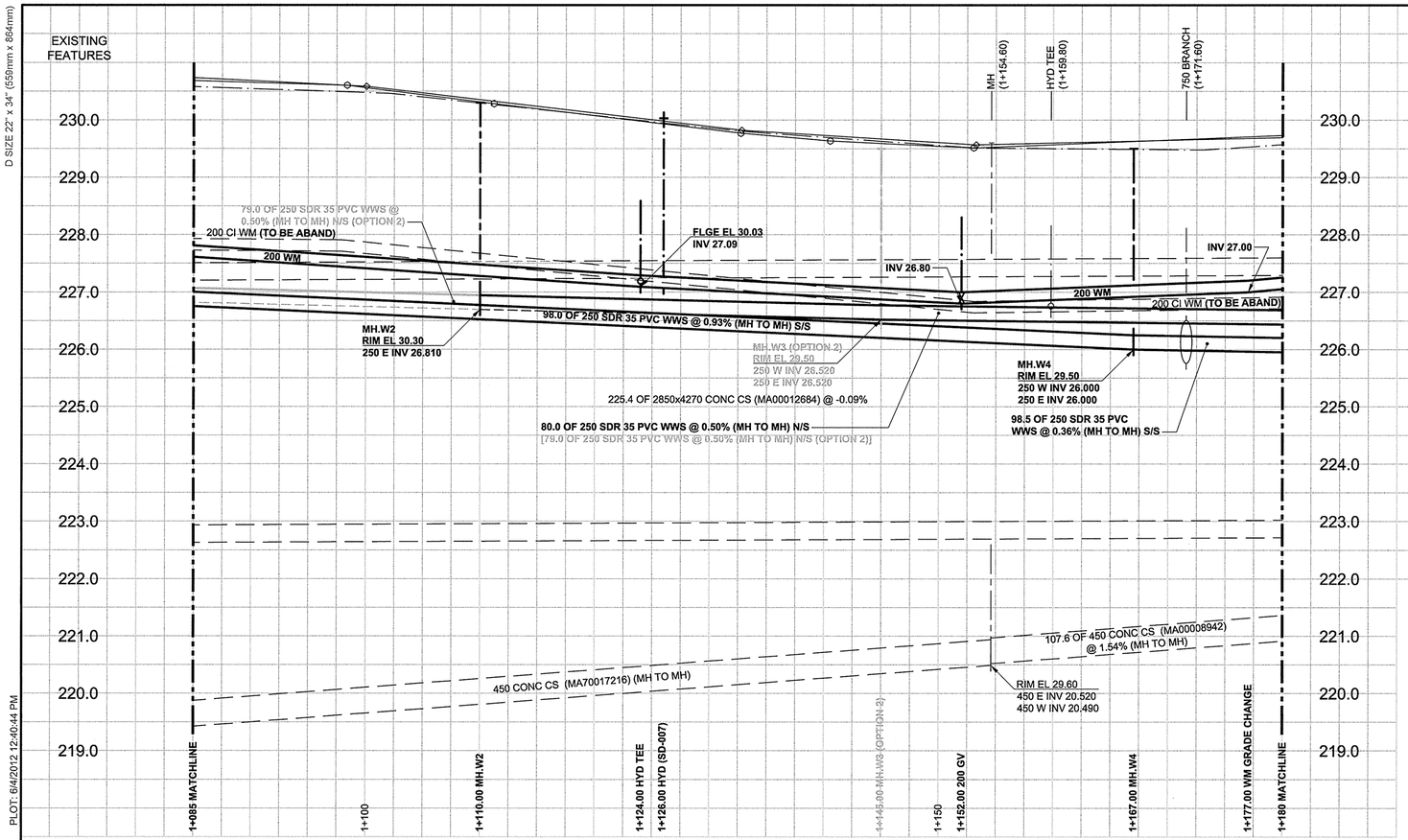
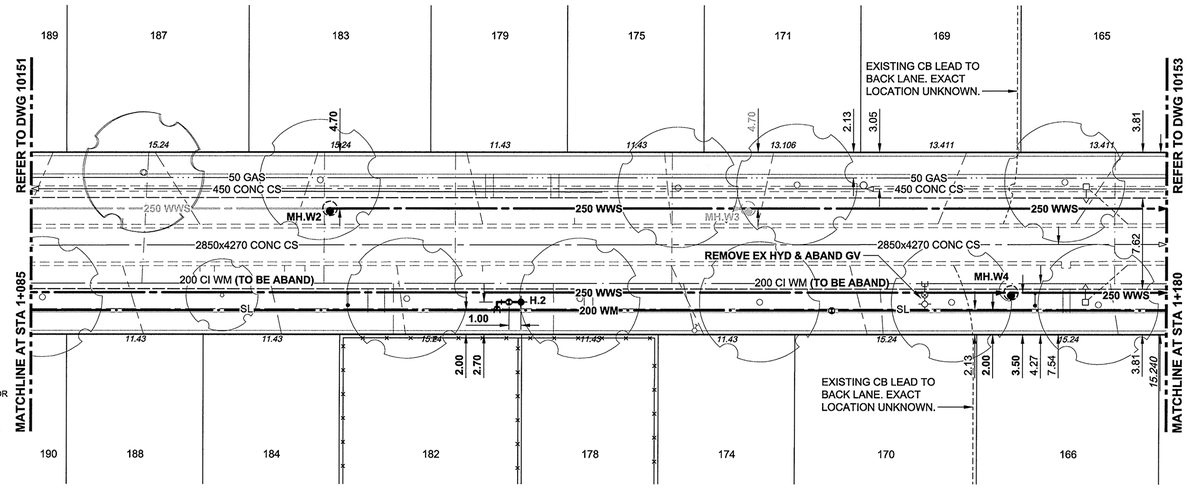
D SIZE 22" x 34" (559mm x 864mm)

PLOT: 6/4/2012 12:40:44 PM



CHAINAGE ALONG S PL

JEFFERSON AVENUE



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

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 13-009 N.E. Cor. Jefferson Ave. & Main St., Tblt. in S. Conc. foundation of Lift Station, 0.5m W. & 0.1m
ELEV 230.692m below brick of S.E. Cor. of Bldg.

NO.	REVISIONS	YY/MM/DD	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	DATE	June 5 / 2012

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
E.D.J. TOUPIN
Member
23484
June 5, 2012
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60219315-SHT-30-Ph01 C-0002.dwg

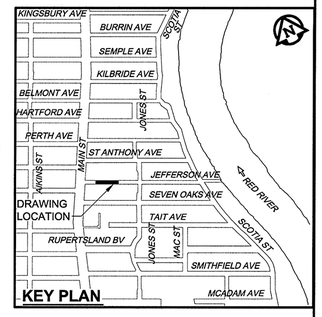
SEWER SERVICE INFORMATION

ADDRESS	PL TIE (SHORT/LONG)	JUNCTION TIE	REMARKS
165 JEFFERSON		91.1m W OF MH AT JONES	
166 JEFFERSON			
169 JEFFERSON		106.3m W OF MH AT JONES	
170 JEFFERSON		113.9m W OF MH AT JONES	
171 JEFFERSON		121.9m W OF MH AT JONES	
174 JEFFERSON			
175 JEFFERSON		129.2m W OF MH AT JONES	
178 JEFFERSON			
179 JEFFERSON		144.7m W OF MH AT JONES	
182 JEFFERSON			
183 JEFFERSON		159.7m W OF MH AT JONES	
184 JEFFERSON			
187 JEFFERSON		174.6m W OF MH AT JONES	
188 JEFFERSON		174.6m W OF MH AT JONES	

WATER SERVICE INFORMATION

ADDRESS	DISTANCE PROPERTY	SIZE(mm) & TYPE	SHORT & LONG MEASUREMENT	CORPORATION LOCATION	REMARKS
165 JEFFERSON	0.30	16 LEAD	2.8m WEL OF HOUSE 16.7m E 1ST HYD E MAIN ST	OPP S/C	
166 JEFFERSON	0.30	16 LEAD	1.2m WEL OF HOUSE 17m E 1ST HYD E MAIN	0.6m W OF S/C	
169 JEFFERSON					
170 JEFFERSON	0.30	20 COPPER	4.2m WEL OF HOUSE 2.5m W 1ST HYD E MAIN	0.3m W OF S/C	
171 JEFFERSON					
174 JEFFERSON	4.8 BLDG	20 COPPER	1.6m E/W BLDG2.4m E/W LL	0.3m W C/S	
175 JEFFERSON	0.30	16 LEAD	1.2m WEL OF HOUSE 20.2m W 1ST HYD W JONES	OPP S/C	
178 JEFFERSON	0.15	16 LEAD	2.4m EWL OF HOUSE 30.1m W 1ST HYD E MAIN	OPP S/C	
179 JEFFERSON	0.15	16 LEAD	3.6m EWL OF HOUSE 38.4m W 1ST HYD W JONES	OPP S/C	
182 JEFFERSON	0.30	16 LEAD	2.9m EWL OF HOUSE 43.5m W 1ST HYD E MAIN	OPP S/C	
183 JEFFERSON	0.30	16 LEAD	2.5m EWL OF HOUSE 49.3m W 1ST HYD W JONES	OPP S/C	
184 JEFFERSON	0.15	16 LEAD	3.3m WEL OF HOUSE 65.6m EEL OF MAIN	0.9m W OF S/C	
187 JEFFERSON	0.15	16 LEAD	1.9m WEL OF HOUSE 53.6m EEL OF MAIN	OPP S/C	
188 JEFFERSON					

CONSTRUCTION NOTES:
1. FOR DETAILED TEST HOLE INFORMATION, SEE SPECIFICATION.
2. CONFIRM LOCATION OF ALL WATER & WASTEWATER SERVICES IN THE FIELD.
3. INSTALL NEW SEWERS, CATCHBASIN LEADS AND WATERMAINS BY TRENCHLESS METHODS.
4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM STREET CENTERLINE.
5. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION 50mm TO 150mm ABOVE FINISHED GRADE.
6. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO PROPERTY LINE.
7. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY SHUT DOWN OR DISRUPTION OF SERVICE.
8. LOCATION OF SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE.
9. PROVIDE TRENCH INSULATION WHERE 2.5m OF COVER CANNOT BE PROVIDED FOR WATER SERVICES.
10. ALL SHAFTS SHALL HAVE CLASS 3 BACKFILL EXCEPTING THOSE ON MAIN STREET WHICH SHALL HAVE CLASS 1 BACKFILL.
11. RENEW SEWER SERVICES TO PROPERTY LINE AND PLUG EXISTING SERVICE AS PER SD-021.
12. HYDRANT ASSEMBLIES SHALL BE FULLY MECHANICALLY RESTRAINED. MECHANICAL RESTRAINTS SHALL BE COATED WITH PETROLATUM MASTIC AND TAPE (DENSO OR APPROVED EQUAL).
13. CONFIRM ELEVATION OF SEWER SERVICES FOR 1168 MAIN, 189 JEFFERSON AND 187 JEFFERSON BY SOFT DIGGING PRIOR TO INSTALLING 250 WWS ON JEFFERSON.
14. TEMPORARY OVERHEAD STREET LIGHTING AND PERMANENT STREET LIGHTING RESTORATIONS BY OTHERS.



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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BID OPPORTUNITY NO. 430-2012

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

JEFFERSON EAST
COMBINED SEWER RELIEF
CONTRACT 1
JEFFERSON AVENUE
45m EAST OF MAIN STREET TO
80m WEST OF JONES STREET

SHEET 2 OF 20

CITY DRAWING NUMBER 10152 REV 0

DRFT CHK
AECOM REVIEW
AECOM FILE NAME: 60219315-SHT-30-Ph01 C-0002.dwg Saved By: anjaia