



Coordinate Table			
Point #	Northing	Easting	Description
30	5523882.29	647660.34	FORCEMAIN CONNECTION PT
31	5523881.35	647659.99	FORCEMAIN PT 2
32	5523881.20	647660.41	FORCEMAIN PT 3
33	5523877.54	647683.39	FORCEMAIN PT 4
34	5523879.66	647739.70	FORCEMAIN PT 5
35	5523879.03	647743.56	FORCEMAIN PT 6
36	5523878.10	647746.06	FORCEMAIN PT 7

- NOTES:
- SOFT DIG AND EXPOSE ALL UTILITIES AT CROSSING POINTS PRIOR TO TRENCHING. ADJUST TRENCH ELEVATIONS AS DIRECTED WHERE NEW PLANT ELEVATION CONFLICTS WITH EXISTING.
  - ALL TRENCHES IN OR WITHIN 1.0 OF ROADWAYS ARE TO BE BACKFILLED WITH CLASS 2 BACKFILL. BACKFILL IN LANDSCAPED AREAS IS TO BE CLASS 4 BACKFILL.
  - PROVIDED COMPACTED GRANULAR MATERIAL TO SUPPORT UTILITIES WHERE CROSSING BENEATH. RESTORE ALL SURFACES TO A CONDITION EQUAL TO OR BETTER THAN ORIGINAL CONDITIONS.
  - ALL PIPING TO BE INSTALLED WITH TRACER WIRE. SEE DETAIL DWG No. 1-0601H-D0003-001.



BID OPPORTUNITY NO. 259-2017

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

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

**LOCATION APPROVED**  
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

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.

NO.	ISSUED FOR CONSTRUCTION	DATE	BY
0	ISSUED FOR CONSTRUCTION	17/03/29	KLC
	REVISIONS	YYMMDD	

**AECOM**

DESIGNED BY: GSK  
DRAWN BY: WJd  
HOR. SCALE: 1:250  
VERT. SCALE: 1:50

CHECKED BY: [Signature]  
APPROVED BY: [Signature]  
RELEASED FOR CONSTRUCTION: [Signature]  
DATE: April 13/17

PROFESSIONAL'S SEAL  
PROVINCE OF MANITOBA  
A.B. BRAUN  
Member  
24459  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.  
60516883-SHT-30-0000-C-1006

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

**CIVIL MAINTENANCE/AQUEDUCT STORAGE BUILDING**  
INSTALLATION OF ELECTRICAL AND COMMUNICATION UTILITIES AND SEWER AND WATER SERVICING

100 SANITARY FORCEMAIN  
FROM THE EXISTING FORCEMAIN TO  
CIVIL MAINTENANCE/AQUEDUCT STORAGE BUILDING

SHEET 6 OF 8  
CITY DRAWING NUMBER  
1-0601H-C0021-001  
REV 0