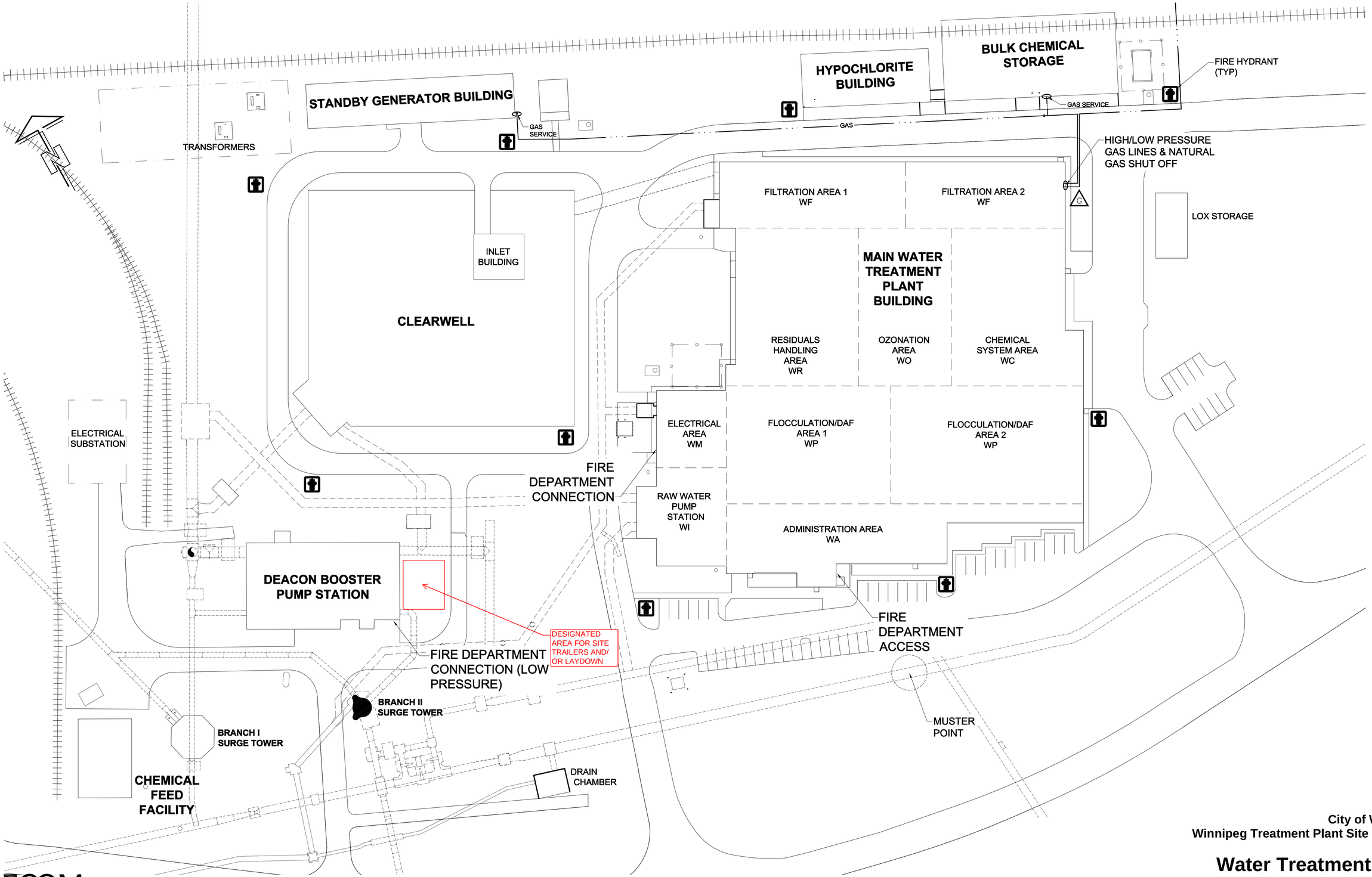
Appendix P – Laydown Areas



AECOM

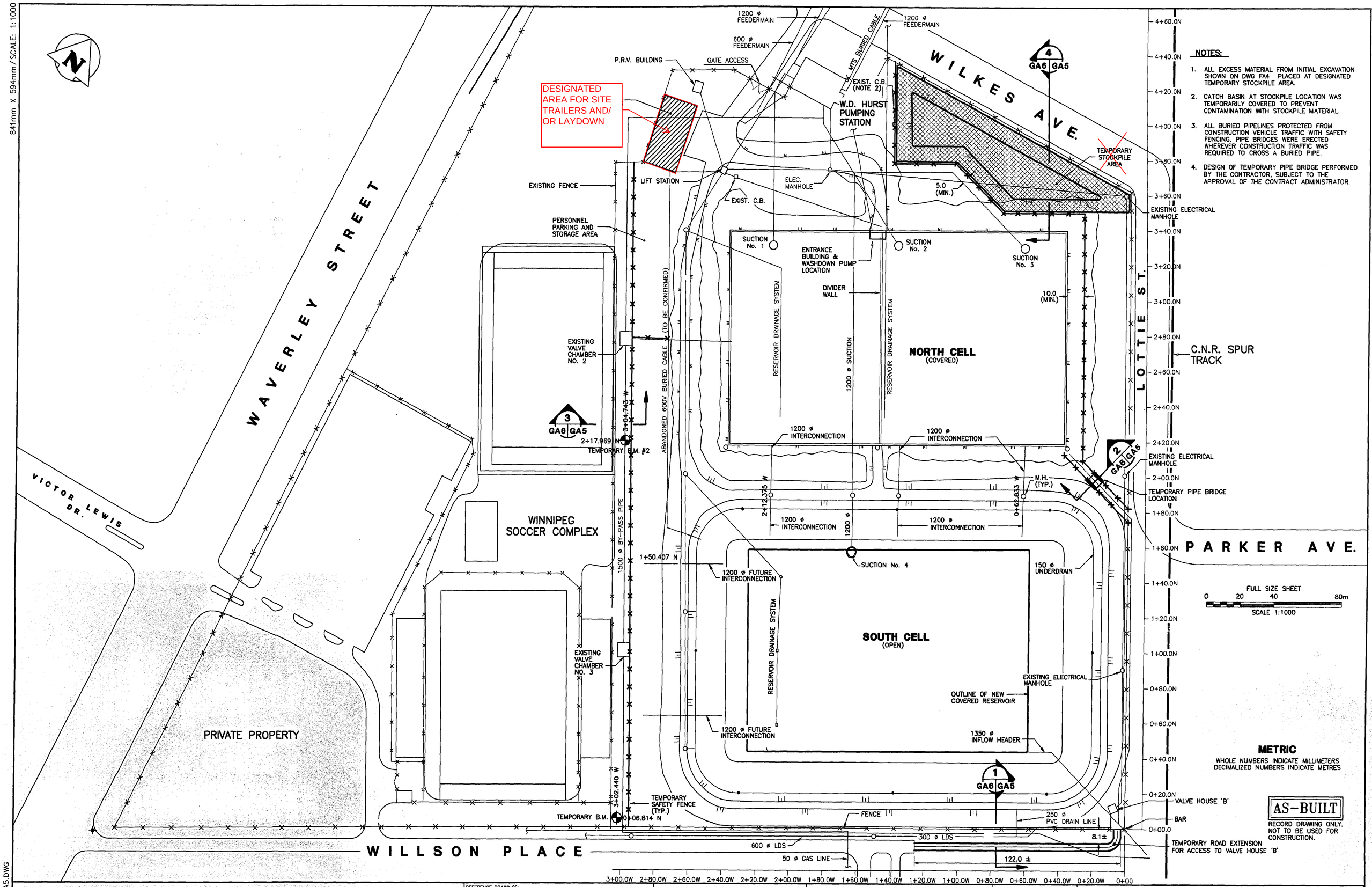
City of Winnipeg
Winnipeg Treatment Plant Site Fire Plan

CITY DRAWING NUMBER
1-0601M-F0003-001-01

Water Treatment Plant Site Plan Figure 002

D SIZE: 22" x 34" (558.8mm x 863.6mm)
PLOT: 11/18/2014 2:02:57 PM
ISS/REV: 01
AECOM FILE NAME: D265-231-00_01-G-F002_RX.dwg Saved By: smithe1

841mm X 594mm / SCALE: 1:1000



NOTES:

1. ALL EXCESS MATERIAL FROM INITIAL EXCAVATION SHOWN ON DWG FA4 PLACED AT DESIGNATED TEMPORARY STOCKPILE AREA.
2. CATCH BASIN AT STOCKPILE LOCATION WAS TEMPORARILY COVERED TO PREVENT CONTAMINATION WITH STOCKPILE MATERIAL.
3. ALL BURIED PIPELINES PROTECTED FROM CONSTRUCTION VEHICLE TRAFFIC WITH SAFETY FENCING. PIPE BRIDGES WERE ERECTED WHEREVER CONSTRUCTION TRAFFIC WAS REQUIRED TO CROSS A BURIED PIPE.
4. DESIGN OF TEMPORARY PIPE BRIDGE PERFORMED BY THE CONTRACTOR, SUBJECT TO THE APPROVAL OF THE CONTRACT ADMINISTRATOR.

LEGEND

MAN HOLES	LAND DRAINAGE SEWER
RESERVOIR DRAIN	RESERVOIR PIPE
UNDERDRAIN CLEANOUT	POWER/CONTROL CABLE
EXISTING FENCE	TEMPORARY SAFETY FENCE
GAS PIPE	

REFERENCE DRAWINGS:

A. SECTION NUMBER OR DETAIL LETTER
B. DRAWING WHERE SECTION OR DETAIL IS DRAWN
C. DRAWING WHERE SECTION OR DETAIL IS TAKEN

B.M. ELEV.

NO.	REVISIONS	DATE	BY
2	TITLE BLOCK REVISED	09/09/97	C.C.
1	AS BUILT REVISION	22/05/96	C.C.
0	ISSUED FOR TENDER	20/03/95	H.G.

KGS·DELCAN
KGS GROUP/DELCAN WESTERN LTD. JOINT VENTURE

DESIGNED BY M.J. | CHECKED BY R.J.H.
DRAWN BY S.E.H. | APPROVED BY
HOR. SCALE 1:1000 | RELEASED FOR CONSTRUCTION
VERTICAL
DATE JAN. 26/95 | DATE MAR. 15/95

ENGINEER'S SEAL: PROVINCE OF MANITOBA — R.J.B. SMITH — Oct 30/97 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 94-107-05-GA5

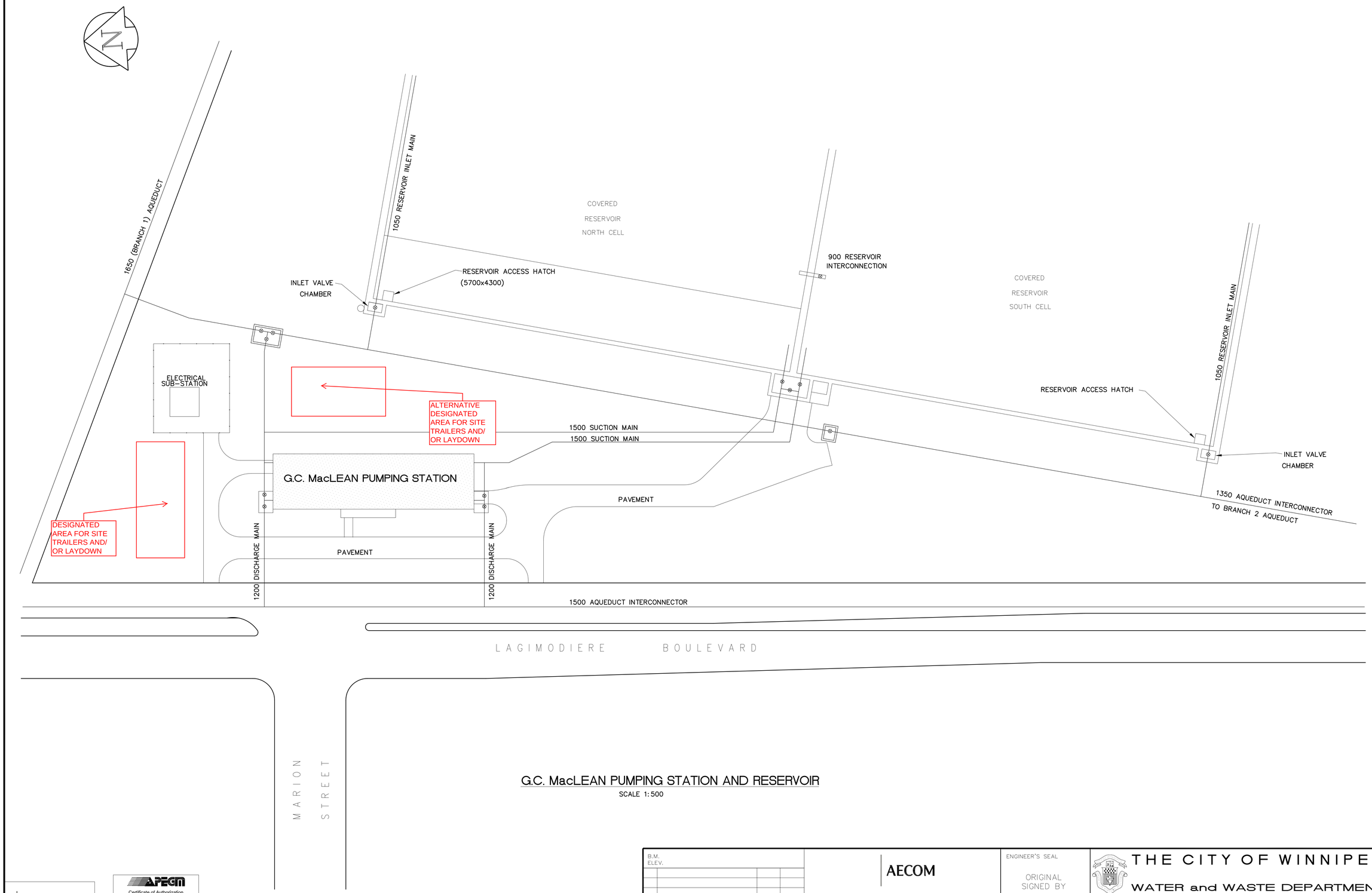
THE CITY OF WINNIPEG
WORKS AND OPERATIONS DIVISION
WATERWORKS WASTE AND DISPOSAL DEPARTMENT

PROJECT TITLE: **WILKES AVENUE RESERVOIR SOUTH CELL REHABILITATION**

CITY DRAWING NUMBER: WIL-159
SHEET OF

DRAWING TITLE: **EXISTING SITE PLAN**

KGS FILE NO. 94-107-05-GA5.DWG



G.C. MacLEAN PUMPING STATION AND RESERVOIR

SCALE 1:500

AS CONSTRUCTED

AECOM

As of January 3, 2009, EarthTech became AECOM Canada Ltd.

APEGM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:1997/11/28

AECOM AS-CONSTRUCTED
SIG..... DATE.....

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
1	AS CONSTRUCTED	07/27/11	JBC
0	ISSUED FOR TENDER	11/28/97	AL
	ISSUED FOR CITY REVIEW	11/14/97	AL

AECOM

DESIGNED BY	AL	CHECKED BY	
DRAWN BY	GGR	APPROVED BY	
HOR. SCALE: VERTICAL:	1:500	RELEASED FOR CONSTRUCTION:	
DATE	FEB, 1997	DATE	NOV. 1997

ENGINEER'S SEAL
ORIGINAL SIGNED BY
ALBERT LI
1997/11/28

CONSULTANT DRAWING NO.
61778-C4-G02

THE CITY OF WINNIPEG
WATER and WASTE DEPARTMENT

PUMPING STATION UPGRADING
CONTRACT No. 4 – INSTALLATION
G.C. MacLEAN PUMPING STATION

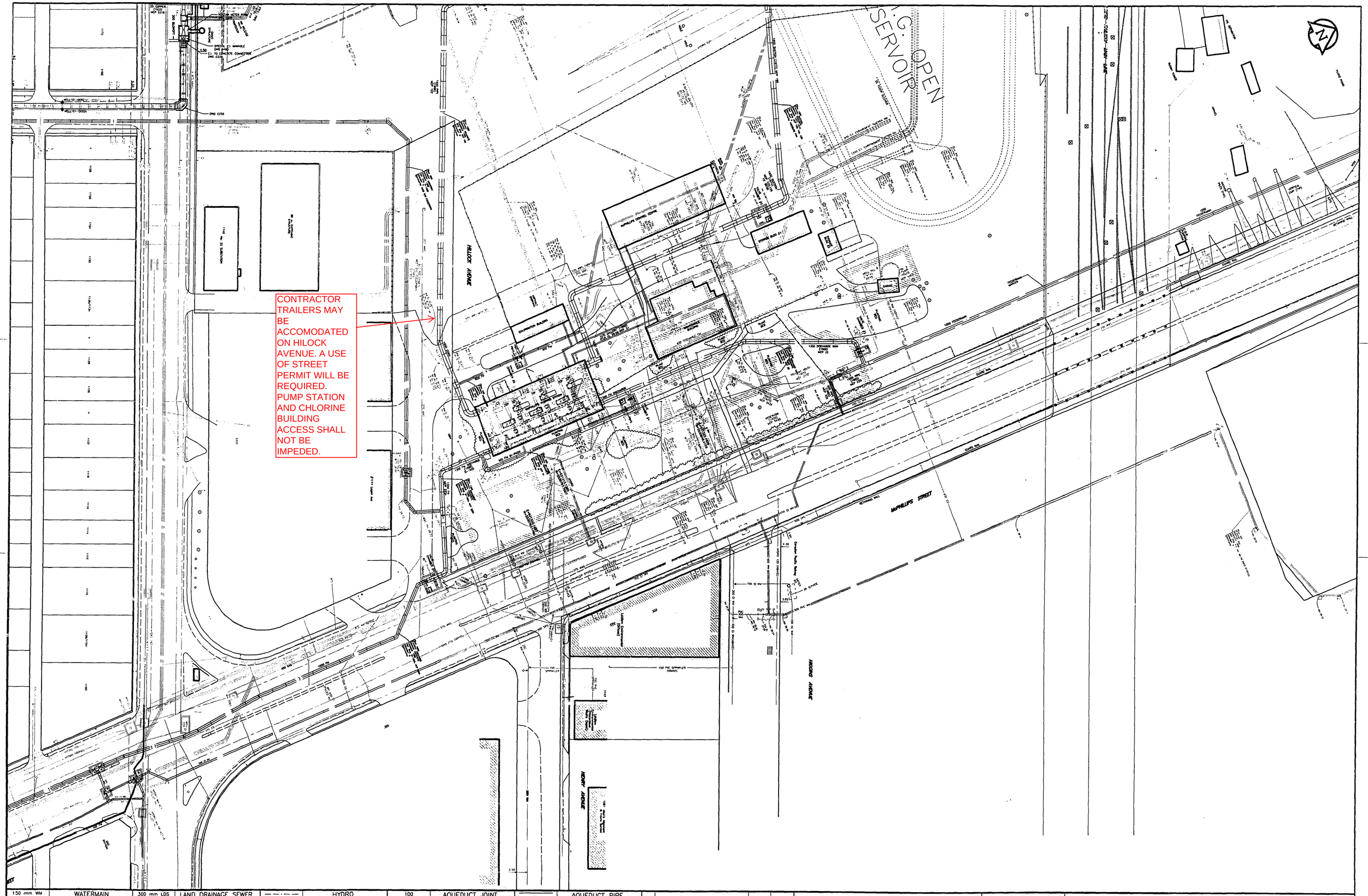
CITY DRAWING NUMBER
D-5375

SHEET 2 OF 38

SITE PLAN

G02

C4778G02 G:\AS-BUILT RECORDS TRACKING\TEMPORARY AS-BUILT DWGS\AECOM\1997 MCLEAN AND McPHILLIPS PUMPING STATION\D-5375.DWG



150 mm WM	WATERMAIN	300 mm LDS	LAND DRAINAGE SEWER		HYDRO	100	AQUEDUCT JOINT		AQUEDUCT PIPE
	HYDRANT	250 mm WWS	WASTE WATER SEWER		COMMUNICATION		UNDERDRAIN MANHOLE		UNDERDRAIN
	VALVE		MANHOLE		TRAFFIC SIGNALS		UNDERDRAIN RISER		GROUNDLINE
	REDUCER		CATCH BASIN		PEDESTAL		UNDERDRAIN WELL		CENTERLINE
	COUPLING		CURB INLET		SIGNAL CONTROLLER		TESTHOLE		N/W GUTTER
	WM FITTINGS		CULVERT		GAS		PEIZOMETER		S/E GUTTER
	CURB STOP	DITCH	DITCH		STEAM HEAT				N/W DITCH
	EDGE OF PAVEMENT		LAMP STANDARD		FENCE				S/E DITCH
	RAILWAY TRACK		TRAFFIC SIGNAL		TREE				N/W PROPERTY LINE
	GEODETIC BENCHMARK		WOOD POLE		BUILDING				S/E PROPERTY LINE
	SURVEY BAR		POLE ANCHOR		SUBSURFACE STRUCTURE				
EXISTING	LEGEND – PLAN	EXISTING	LEGEND – PLAN	EXISTING	LEGEND – PLAN	EXISTING	LEGEND – PLAN	EXISTING	LEGEND – PROFILE

NO.	REVISIONS	DATE	BY

DATA SOURCES
Aqueduct Joints: Interpreted From Manholes Located in 1994 UMA Total Station Survey and 1995 Internal Inspections Unless Otherwise Noted
Surface Features: UMA Total Station Survey (1994)
Legal Right of Way Mi1 to Mi12: City of Wpg LBIS (1994)
Legal Right of Way Mi12 to Mi17: Pollock & Wright (1995)
Utilities: Compiled from Information Obtained From City of Winnipeg Underground Structures (1994)

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

UMA Engineering Ltd.
Engineers and Planners

CGSS
CH2M GORE & STORRIE LIMITED

DESIGNED BY	BC	CHECKED BY	CCM
DRAWN BY	BC/MAG	APPROVED BY	CCM
HOR. SCALE:	1:500	RELEASED FOR CONSTRUCTION	
VERTICAL:	N/A		
DATE		DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
07 DEC 99
C. C. MACEY
CCM
REGISTERED ENGINEER

CONSULTANT DRAWING NO. 1
41-02-D265-136-01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

Site Plan of McPhillips Pumping Station

SHEET 1 OF 214

CITY DRAWING NUMBER
D-6279 REV

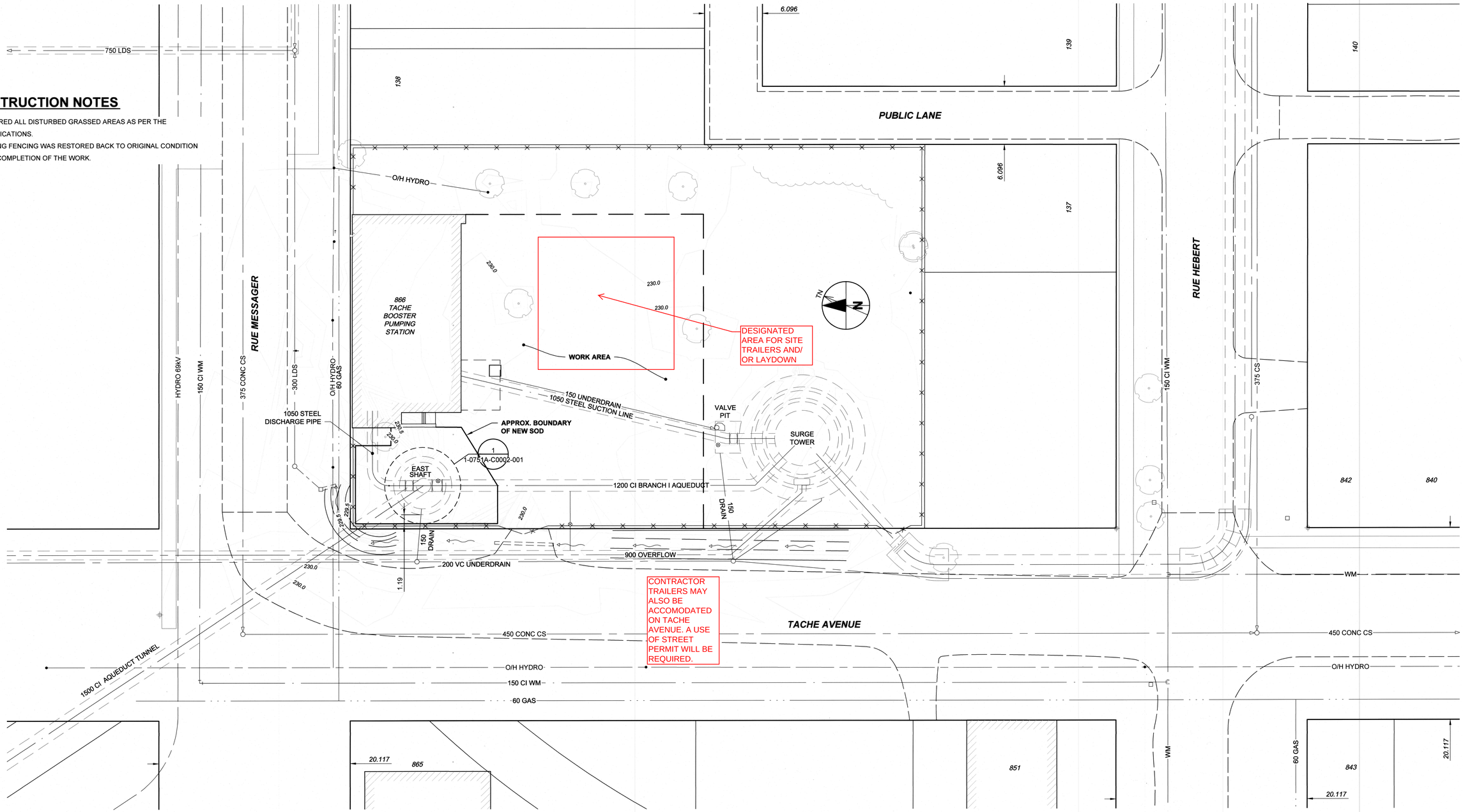
D-6279.dwg

AutoCAD Release 14

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

CONSTRUCTION NOTES

1. RESTORED ALL DISTURBED GRASSED AREAS AS PER THE SPECIFICATIONS.
2. EXISTING FENCING WAS RESTORED BACK TO ORIGINAL CONDITION UPON COMPLETION OF THE WORK.



NOTE

SEE DRAWING No. 1-0751A-D0001-001
FOR A LIST OF PROJECT DRAWINGS

PLAN

0 5 10 m
1:200

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: Sept 5/19

CONSTRUCTION COMPLETION DATE: JUNE 2018

RECORD DRAWING

BID OPPORTUNITY NO. 805-2016

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 BAIN			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							
EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW

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
ELEV

NO.	REVISIONS	YY/MM/DD	BY
1	ISSUED FOR RECORD	19/05/03	WJd
0	ISSUED FOR CONSTRUCTION	16/10/13	KLC

AECOM

DESIGNED BY	ADB	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE	N/A		
DATE		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
J. A. B. BRAUN
Member
124453
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60506849-SHT-30-0000-C-1001

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

BRANCH I AQUEDUCT
EAST TUNNEL SHAFT UPGRADES

SITE PLAN

SHEET 2 OF 8

CITY DRAWING NUMBER
1-0751A-C0001-001

REV 1

AECOM REVIEW | DRFT CHK

AECOM FILE NAME: 60506849-SHT-30-0000-C-1001.dwg, Saved By cooperkl

PLOT: 7/9/2019 11:06:37 AM