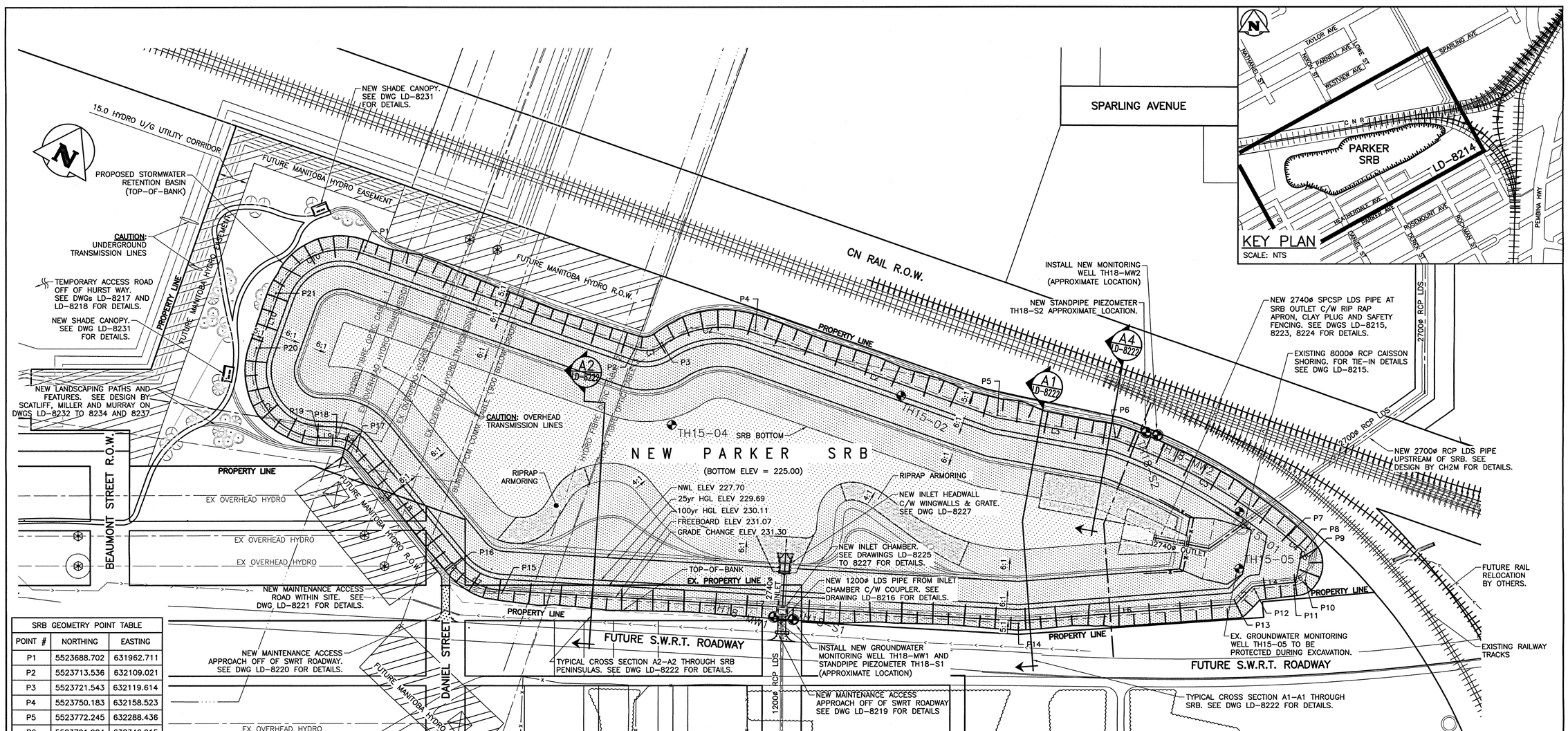

SRB GEOMETRY POINT TABLE		
POINT #	NORTHING	EASTING
P1	5523688.702	631962.711
P2	5523713.536	632109.021
P3	5523721.543	632119.614
P4	5523750.183	632158.523
P5	5523772.245	632288.436
P6	5523791.924	632346.915
P7	5523790.884	632449.089
P8	5523788.557	632460.260
P9	5523786.966	632463.852
P10	5523774.673	632467.766
P11	5523769.668	632463.866
P12	5523758.073	632446.996
P13	5523745.936	632443.730
P14	5523683.776	632349.729
P15	5523569.213	632109.928
P16	5523568.250	632081.525
P17	5523596.938	632009.267
P18	5523596.353	631997.279
P19	5523592.530	631989.854
P20	5523618.237	631938.590
P21	5523647.847	631933.638

SRB GEOMETRY LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	148.403	S80°22'00"W
L2	131.825	S80°23'36"W
L3	61.701	S71°24'05"W
L4	20.471	N55°29'51"E
L5	12.569	N15°03'39"E
L6	112.695	N56°31'30"E
L7	265.762	N64°27'51"E
L8	77.744	S68°20'44"E
L9	8.351	N62°45'26"E
L10	30.021	S09°29'37"E

SRB GEOMETRY CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	13.833	14.0	056°30'31"
C2	50.120	53.4	053°47'48"
C3	102.706	292.4	020°07'38"
C4	11.412	292.4	002°14'11"
C5	3.954	10.0	022°40'56"
C6	6.449	10.5	035°14'36"
C7	29.239	35.5	047°11'25"
C8	12.375	14.5	048°53'50"
C9	66.760	35.5	107°44'57"
C10	55.677	35.5	089°51'37"

WARNING

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

PROPERTY LIMITS DELINEATION

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND—PLAN	PROPOSED	EXISTING	LEGEND—PLAN	PROPOSED	EXISTING	LEGEND—PROFILE	PROPOSED
150 WM	WATER MAIN	150 WM	✧	HYDRANT	✦	150 WM	WATER MAIN	150 WM
300 LDS	LAND DRAINAGE SEWER	300 LDS	⊗	VALVE	⊗	⊥ , ⊻	HYDRANT, VALVE	+
250 WWS	WASTE WATER SEWER	250 WWS	○	MANHOLE	●	300 LDS	LAND DRAINAGE SEWER	300 LDS
	HYDRO		□	CATCH BASIN	■	250 WWS	WASTE WATER SEWER	250 WWS
	M.T.S.		▽	CURB INLET	▼	×	CENTRELINE	
	GAS		╫	RAILWAY TRACKS		□	NORTH/WEST GUTTER	
	CONCRETE		→	DITCH	→	○	SOUTH/EAST GUTTER	
	ASPHALT		—x—	FENCE	—x—	◇ , ○	N/W , S/E ℄'S	
	SIDEWALK		•	HYDRO POLE				
	TURF STONE		⊠	HYDRO TOWER				
	PROPERTY LINE		◆	TEST HOLE	✪			

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. 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.

B.M. KGS BASE ELEV. — ALL DATA PROVIDED IS IN UTM ZONE 14, NAD83, CSRS, CGVD28

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	17/07/12	RBO

APEGM
Certificate of Authorization
KGS Group
No. 245

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY	JMM	CHECKED BY	RBO
DRAWN BY	GEL	APPROVED BY	RBO
HOR. SCALE:	1:1000	RELEASED FOR CONSTRUCTION	
VERTICAL:	—	DATE	7/12/17
DATE	16/06/10		

ENGINEER'S SEAL
PROVINCE OF MANITOBA — R.B. OFFMAN — Member 24701 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
11-0107-18_C303

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

PROJECT TITLE
COCKBURN/CALROSSIE COMBINED SEWER RELIEF WORKS – CONTRACT 3
STORMWATER RETENTION BASIN
SITE PLAN

SHEET OF
1 OF 1
COMPUTER FILE NAME
11-0107-18_POND
CITY DRAWING NUMBER
LD-8214

FileName: P:\Projects\2011\11-0107-18\Dwg\Mun\C3 – Pond\11-0107-18_POND.dwg – Tab: C303 Plotted By: GLoewen 17/07/12 [Wed 2:07pm]