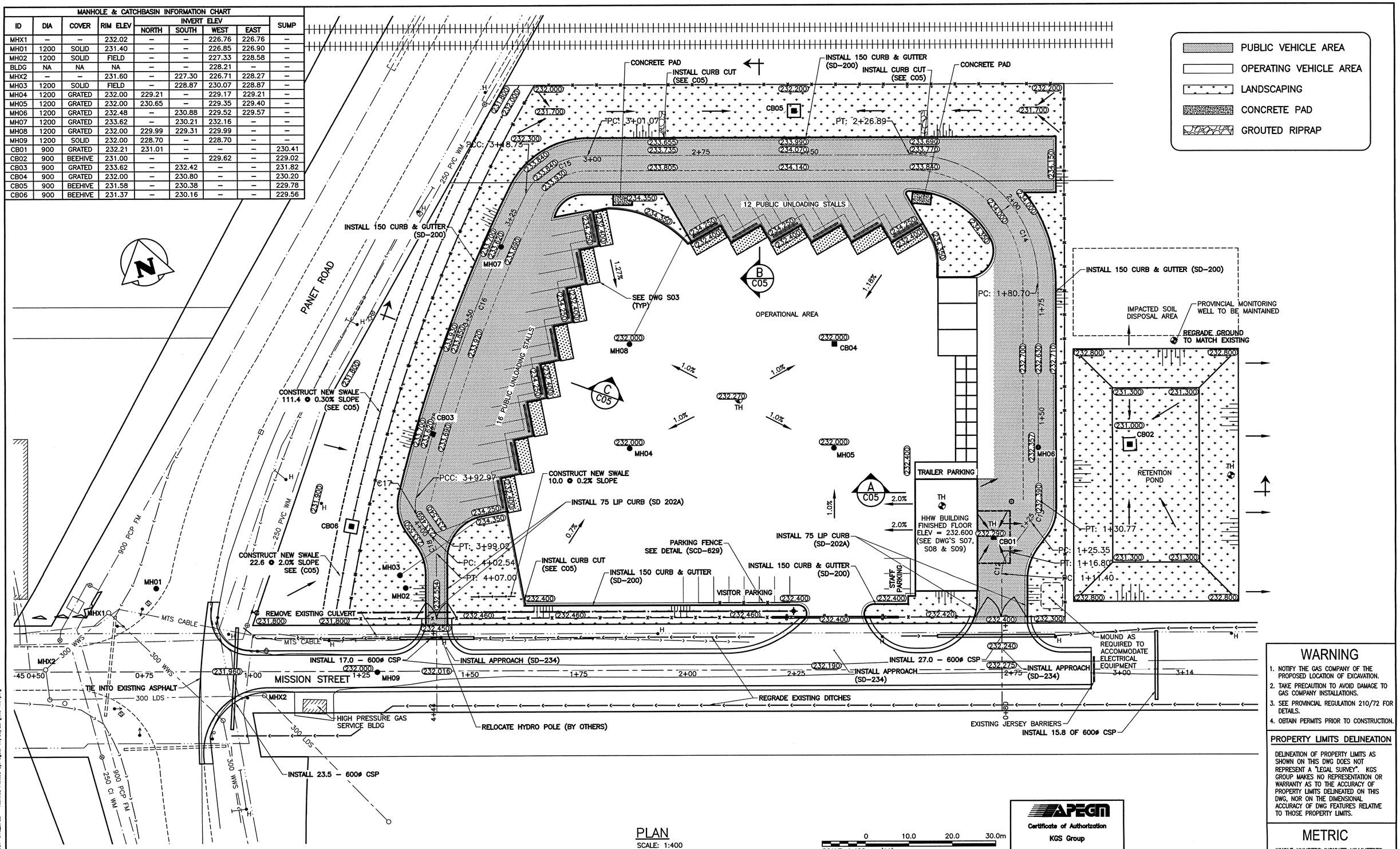
MANHOLE & CATCHBASIN INFORMATION CHART								
ID	DIA	COVER	RIM ELEV	INVERT ELEV				SUMP
				NORTH	SOUTH	WEST	EAST	
MHX1	–	–	232.02	–	–	226.76	226.76	–
MH01	1200	SOLID	231.40	–	–	226.85	226.90	–
MH02	1200	SOLID	FIELD	–	–	227.33	228.58	–
BLDG	NA	NA	NA	–	–	228.21	–	–
MHX2	–	–	231.60	–	227.30	226.71	228.27	–
MH03	1200	SOLID	FIELD	–	228.87	230.07	228.87	–
MH04	1200	GRATED	232.00	229.21	–	229.17	229.21	–
MH05	1200	GRATED	232.00	230.65	–	229.35	229.40	–
MH06	1200	GRATED	232.48	–	230.88	229.52	229.57	–
MH07	1200	GRATED	233.62	–	230.21	232.16	–	–
MH08	1200	GRATED	232.00	229.99	229.31	229.99	–	–
MH09	1200	SOLID	232.00	228.70	–	228.70	–	–
CB01	900	GRATED	232.21	231.01	–	–	–	230.41
CB02	900	BEEHIVE	231.00	–	–	229.62	–	229.02
CB03	900	GRATED	233.62	–	232.42	–	–	231.82
CB04	900	GRATED	232.00	–	230.80	–	–	230.20
CB05	900	BEEHIVE	231.58	–	230.38	–	–	229.78
CB06	900	BEEHIVE	231.37	–	230.16	–	–	229.56



PLAN

SCALE: 1:400

0 10.0 20.0 30.0m

SCALE: 1:400m (A1)

APEGM Certificate of Authorization KGS Group No. 245

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.
4. OBTAIN PERMITS PRIOR TO CONSTRUCTION.

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		HYDRO		150 WM	WATER MAIN	150 WM
	HYDRANT			M.T.S.			HYDRANT, VALVE	
	VALVE			CONCRETE		300 LDS	LAND DRAINAGE SEWER	300 LDS
300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT		250 WWS	WASTE WATER SEWER	250 WWS
250 WWS	WASTE WATER SEWER	250 WWS		SIDEWALK			℄ PROFILE	
	MANHOLE			PLANING			NORTH/WEST GUTTER	
	CATCH BASIN			PROPERTY LINE			SOUTH/EAST GUTTER	
	CURB INLET			SURVEY BAR			N/W , S/E ℙ'S	
	JUNCTIONS			DITCH			N/W , S/E TOP/CURB	
	CULVERT		231.334	ELEVATION	32.231		NORTH/WEST DITCH	
	GAS						SOUTH/EAST DITCH	

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. 33–014
ELEV. 231.421m

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	17/03/23	PP

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY	PP	CHECKED BY	PJH
DRAWN BY	SAG	APPROVED BY	PJH
HOR. SCALE:	1:400	RELEASED FOR CONSTRUCTION:	
VERTICAL:	–		
DATE	16/08/17	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA — P.K. PAWLUK — Member — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO. 16–0107–010

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

PROJECT TITLE
4R WINNIPEG DEPOT
EAST WINNIPEG COMMUNITY RESOURCE RECOVERY CENTRE
GRADING PLAN

SHEET 03 OF 41

16–0107–010

CONSULTANT DRAWING NUMBER C02

Filename: P:\Projects\2016\16-0107-010\Dwg\Wsn\16-0107-010_CALL - Tab:C02 Plotted By: sgoel 17/03/23 [Thu 4:01pm]
24"x36" PLOT SCALE: