LEGEND

						PLAN VIEW	
					DESCRIPTION	EXISTING	PROPOSED
	IC INDEV		A DDDEV/I A T	IONS	WATER PIPE		•
DRAWING INDEX			ABBREVIAT	IONS	FIRE HYDRANT VALVE	ф «	+
			wws	WASTE WATER SEWER	CURB STOP	ď	•
SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE	cs	COMBINED SEWER	REDUCER	4	₫
1	LD-8454	COVER SHEET	LDS	LAND DRAINAGE SEWER	COUPLING OR SLIDER CROSS	χ #i	X Hi
2	LD-8455	INDEX PAGE	<u>ዋ</u> ወ	PROPERTY LINE CENTER LINE	BEND - 11.25°, 22.5°, 45°, 90°	н ч ч ч	ннчч
7			G.I.S.	GEOGRAPHIC INFORMATION SYSTEM	TEE	A	A
3	LD-8456	VOYAGEUR AVENUE OUTFALL (ST-21) - PLAN AND PROFILE - S-MA20002394	B.M.	BENCH MARK	VERTICAL BEND ANODE	# ₽	# ₽
4	LD-8458	AMARYNTH CRESCENT OUTFALL (ST-9) - PLAN AND PROFILE - S-MA20000088	TH Elev	TEST HOLE ELEVATION	REPAIR MARKER	♥	•
5	LD-8459	ASSINIBOINE CRESCENT OUTFALL (AS-34) - PLAN AND PROFILE - S-MA70011382 AND S-MA70011379	INV	INVERT	PLUG	3	3
6	LD-8460	RAGLAN ROAD OUTFALL (AS-73) - PLAN AND PROFILE - S-MA20011468	MIN	MINIMUM	SEWER PIPE MANHOLE	0	
7	LD-8461	PLINGUET STREET OUTFALL (SE-11) - PLAN AND PROFILE - S-MA70041411	MAX	MAXIMUM STREET LIGHTING	CATCH BASIN		
8	LD-8462	LOTUS LANE OUTFALL (RR-30) - PLAN AND PROFILE - S-MA70007444	TS	TRAFFIC SIGNALS	CURB INLET	∇	▼
9	LD-8463	LEMAY AVENUE OUTFALL (RR-2) - PLAN AND PROFILE - S-MA60022526	ABAND	ABANDONED	JUNCTION		
10	LD-8464	WELLINGTON CRESCENT OUTFALL (AS-67A) - PLAN AND PROFILE - S-MA60006745	BLDG HSE	BUILDING HOUSE	€ DITCH		
11	LD-8465	MISCELLANEOUS DETAILS - SHEET 1 OF 2	CRN	CORNER	CULVERT		C======
12	LD-8466	MISCELLANEOUS DETAILS - SHEET 2 OF 2	OPP	OPPOSITE	SURVEY BAR SURVEY MONUMENT	⊕ ♠	+
13	LD-8467	FORT ROUGE PARK - OUTFALL INSPECTION (AS-92) - S-MA60020193	C/S OR S/C MTS	CURB STOP MANITOBA TELEPHONE SYSTEM			
14	LD-8468	ARCHIBALD STREET - OUTFALL INSPECTION (SE-1) - S-MA70016004 AND S-MA70019979	R.O.W.	RIGHT-OF-WAY	TREE - DECIDUOUS		
			wm	WATER MAIN	TREE - CONIFEROUS		
15	LD-8501	ASSINIBOINE CRESCENT - SITE ACCESS/TEMPORARY CONSTRUCTION EASEMENT PLAN	CULV	CULVERT MANHOLE	НҮДГО		
16	LD-8502	LEMAY AVENUE - SITE ACCESS/TEMPORARY CONSTRUCTION EASEMENT PLAN	СВ	CATCH BASIN	HYDRO POLE	•н	
			CI	CURB INLET	LAMP STANDARD HYDRO POLE W/STREET LIGHTING	•-• H•-•	
			VERT.	VERTICAL	POLE	•	
			HORZ. I.B.	HORIZONTAL IRON BAR	GUY ANCHOR	(
			FIBRE	FIBRE OPTIC	M.T.S. POLE PEDESTAL OR BOX	•M ⊠	
			TYP	TYPICAL CROSSING		Δ	
			X-ING HYD	HYDRANT	CABINET	\boxtimes	
			EXIST	EXISTING	M.T.S., SHAW, OR VIDEON		
			N	NORTH	TRAFFIC SIGNALS TRAFFIC LIGHT STANDARD	•	· standard · standard · standard
			E S	EAST SOUTH	GAS		
			w	WEST	STEAM		• • • • • •
			w/	WITH	FIBRE OPTIC FENCE		
			C/W CONC	CONSTRUCTED WITH CONCRETE	EDGE OF PAVEMENT OR GUTTER		
			AC	ASBESTOS CEMENT	EDGE UNPAVED OR GRAVEL ROAD		
			VC OR CLAY	VITRIFIED CLAY	ሚ PROJECTED ሺ		
			CI DI	CAST IRON DUCTILE IRON	LOT LINE		
			PVC	POLYVINYL CHLORIDE	SIDEWALK - PATHWAY		
			HDPE	HIGH DENSITY POLYETHYLENE	EASEMENT		
			PCCP	PRESTRESSED CONCRETE CYLINDER PIPE	EDGE OF BUILDING		
				>	MAILBOX	M	
					PARKING METER TEST HOLE	₽ ◆	4
HATCH	PATTERNS				TREE LINE OR BUSH		•
EXISTING	PROPOSED	DESCRIPTION					
	PXYX						
		EARTH OR GROUND ABOVE PIPE				PROFILE	
					DESCRIPTION	EXISTING	PROPOSED
					WATER PIPE		•
		SAND OR OTHER FINE MATERIAL			HYDRANT TOP		+
A A					VALVE		
	m papers A	CONCRETE			VALVE		
* • •					TEE OR CROSS		1)
	o						
	. • •	WASHED STONE OR GRANULAR MATERIAL			COUPLING OR BEND		
	o :				REDUCER		
		INTERLOCKING STONE					(
		HATENEOUNIAG STOILE			END OF PIPE	δ	b
					SEWER PIPE		
		METAL			UNPAVED GROUND SURFACE		
					PAVED GROUND SURFACE - & PIPE		
20000					GUTTER (NORTH AND WEST)		

GRAVEL OR STONE

Certificate of Authorization KGS Group

MANHOLE OR CATCH BASIN

GUTTER (NORTH AND WEST)

GUTTER (SOUTH AND EAST) & DITCH (NORTH AND WEST) € DITCH (SOUTH AND EAST) STRUCTURE

No. 245

BID OPPORTUNITY: 1030-2017 FILE PATH: U:\FMS\17-0107-020\

Winnipèg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

2018 OUTFALL RENEWAL REHABILITATION PROGRAM

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CITY DRAWING NUMBER LD-8455

SHEET **2** OF **16**

				•				NO. 245	
LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.			KGS			ENGINEER'S SEAL		
SUPV. U/G STRUCTURES DATE					CONSULTING ENGINEERS			R.B. OFFMAN	
COMMITTEE					DESIGNED BY	NGV	CHECKED RBO	Member 24701	
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION					DRAWN BY	GEL	APPROVED RBO	APO-ESSIONA CAR	
AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN					SCALE:	 	RELEASED FOR		
LOCATIONS ARE EXACT. CONFIRMATION OF	1	REISSUED FOR CONSTRUCTION	2017 12 13	KBO	HORIZONTAL	NA	CONSTRUCTION	CONSULTANT DRAWING NUMBER	
EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL	0	ISSUED FOR CONSTRUCTION	2017 12 05	RBO	VERTICAL	NA	KZ	17_0107_020_LD_9455	
UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	NO.	REVISIONS	DATE	BY	DATE 20	17 12 13	DATE 2017 12 04	T 17-0107-020_LD-8455	

PLOT DATE: 2017 12 13