9 EXHAUST FAN 11 EAST GARAGE DOOR	700 1200	1	15		•	1	20	1	600	PLUG NORTH WALL PLUG NORTH WALL	10
5 PLUG SOUTH WALL 7 EXTERIOR PLUG	600 600	1	20	•		•	20	1	600 600	PLUG WEST WALL PLUG NORTH WALL	6 8
REVICCT 1 PLUG SOUTH WALL 3 PLUG SOUTH WALL	600 600	1 1	20 20	A	B	<u> </u>	15 15	1 1	1200 1200	HEATERS WEST GARAGE DOOR	2 4
MAINS AMPACITY: 225 INCOMING: ■ BREAKER □ LUGS MAIN BREAKER REQUIRED: ■ YES □ NO MAIN BREAKER AMPS: 200 BUS MATERIAL: ■ COPPER □ ALUMINUM BUS AND BREAKER RATING: 10kA	PANE		(NOT	E 1)				NEL	MOUNTING: SURFACE FLUSH MANUFACTURER: MODEL NO: BREAKER: PLUG-IN BOLT-ON SPD: YES NO SERVICE ENTRANCE RATED: YES	□ NO

 $\sim\sim\sim\sim$ $\frac{1}{2}$ OMMITED FROM THE SCOPE OF BID OPPORTUNITY 448-2017

SUPPLY: 240V 1Ø 3W		NAME PLATE:								LOCATION: PADMOUNT ENCLOSURE BY LEACHATE TANK				
MAINS AMPACITY: 225 INCOMING: ■ BREAKER □ LUGS MAIN BREAKER REQUIRED: ■ YES □ NO MAIN BREAKER AMPS: 200 BUS MATERIAL: ■ COPPER □ ALUMINUM BUS AND BREAKER RATING: 10kA			P	AN	EL	' <i>µ</i>	٠,			MOUNTING: MANUFACTURER: MODEL NO: BREAKER: SPD: SERVICE ENTRAN	■ YES	□ FLUSH ■ BOLT-ON □ NO ■ YES	□ NO	
REVICCT	VA	P	BKR	2	L1	<u>L2</u>	BKR	Р	VA				CCT RE\	
1 LEACHATE TANK PUMP P-01	4875	2	50			•	30	2	0	SPD CIRCUIT			4	
5 MIXER M-01	975	2	20		•	•	-	-	<u> </u>				8	
9 TANK LEVEL CONTROL PANEL	100	1	15		•		_	_	_				10	
11 HEAT TRACE CIRCUITS (WITH GFI BREAKER)	1600	1	20			•	_	_	_				12	
13 HEAT TRACE CIRCUITS (WITH GFI BREAKER)	1600	1	20		•		_	_	_				14	
15 TRUCK FILL CONTROL PANEL	100	1	15			•	_	_	_				16	
17	_	_	<u> </u>		•								18	
		LOAD 'L1' 4,625			LOAD 'L2 4,625									

	-															
SUPPLY: 208V 3Ø 4W				NA	ME I	PLAT	E:			LOCATION: AIR COMPRESSOR BUILDING						
MAINS AMPACITY: 225										MOUNTING: ■ SURFACE □ FLUSH						
INCOMING: □ BREAKER ■ LUGS										MANUFACTURER:						
MAIN BREAKER REQUIRED: ☐ YES ■ NO	-	PANEL 'B'								MODEL NO:						
MAIN BREAKER AMPS:	·									BREAKER: □ PLUG-IN ■ BOLT-ON						
BUS MATERIAL: ■ COPPER □ ALUMINUM		(NOTE 2) BREAKER: ☐ PLUG-IN ■ BOLI-ON SPD: ☐ YES ■ NO														
BUS AND BREAKER RATING: 10KA										SERVICE ENTRANCE RATED: ☐ YES ■ NO						
REV CCT	VA	P	BKR	A	\ B	С	BKR	Р	VA		Ε					
1							15	1	100		_					
3 AIR COMPRESSOR	29000	3	175	Н	•	_	15	1	600		_					
7 HL DESICCANT DRYER	1200	1	15		$\overline{}$		╅═	┼ <u></u>	+=	6 8	_					
9 LIGHTING	1000	1	15	Н			+=	+=	 	140	_					
11 RECEPTACLES	600	1	20	П		•	_	 -	 -	40	_					
13								_	_	14						
15 UNIT HEATER	5000	3	60		•				_	16	_					
17			L.,	بــــــــــــــــــــــــــــــــــــــ		152	 -	<u> </u>		18	_					
	LOAI				OAD			LOA		_						
	12,	633			<u>12,9</u>	133		12,	933							

		LUMINAIRE SCHEDULE												
7	YPE	DESCRIPTION	VOLTAGE	LAMPS	DESIGN BASICS									
	Α	LINEAR LUMINAIRE, SURFACE MOUNTED, POLYCARBONATE HOUSING AND LENS, IP65 RATED.	120V	75W LED 4000°K	AIMLITE - VP4-LA3-2/40KI									

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.

 $\sim\sim\sim\sim$ $\not\leftarrow$ ommited from the scope of \langle BID OPPORTUNITY 448-2017

CONSULTING ENGINEERS ENGINEER'S SEAL LOCATION APPROVED & PROJECT MANAGERS UNDERGROUND STRUCTURES CONSTRUCTION COMPLETION DATE: YYYY MM DD WINNIPEG (204) 896-1209 **GROUP** THUNDER BAY (807) 345-2233 SUPV. U/G STRUCTURES COMMITTEE DATE DESIGNED CHECKED DRAWN BY APPROVED

ISSUED WITH ADDENDUM #4

REVISIONS

0 ISSUED FOR TENDER

JPL

PLOT DATE: 2017 07 19

RELEASED FOR CONSTRUCTION

DATE

SCALE:

VERTICAL

DATE BY DATE 2017 06 15

07/19/17 (MG HORIZONTAL

06/15/17 JAB

Member 20560 CONSULTANT DRAWING NUMBER

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

FOR TENDER ONLY

NOT TO BE USED FOR CONSTRUCTION

MAINTENANCE PANEL SHALL BE EQUIPPED WITH FEED THROUGH LUGS

2. PANEL AND BREAKER RATINGS AND BREAKER QUANTITY FOR PANEL 'B' IS SUGGESTED ONLY. CONTRACTOR SHALL COORDINATE WITH SUPPLIER OF AIR COMPRESSOR AND BUILDING.

TO SUPPLY PANEL 'B' IN COMPRESSOR BUILDING.

BRADY ROAD RESOURCE MANAGEMENT FACILITY (BRRMF)
DISPOSAL CELL CONSTRUCTION AND LEACHATE COLLECTION STORAGE (300,000 LITRE) TANK

SHEET 38 OF 44 CITY DRAWING NUMBER

1-0400A-E0019-001

APEGIN

Certificate of Authorization

KGS Group

No. 245

ELECTRICAL

PANEL SCHEDULES

FILE PATH: P:\Projects\2015\15-0107-014\Dwg\Elec\
FILE NAME: 15-0107-014_E04.dwg BID OPPORTUNITY: 295-2017 CONTRACT NUMBER: 8

OMMITED FROM THE SCOPE OF BID OPPORTUNITY 448-2017

Winnipeg

15-0107-014_E04