

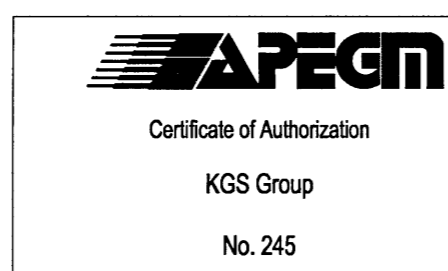
**GENERAL NOTES:**

- REFER TO MECHANICAL DRAWINGS FOR THE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT.
- REFER TO PANEL SCHEDULES FOR CIRCUIT NUMBERS.
- PROVIDE 120V POWER FOR ALL MECHANICAL CONTROL AS REQUIRED. ELECTRICAL SUBCONTRACTOR TO COORDINATE WITH THE CONTROLS SUBCONTRACTOR FOR EXACT QUANTITY AND LOCATIONS.
- COORDINATE ALL MECHANICAL EQUIPMENT BREAKER REQUIREMENTS AND WIRE REQUIREMENTS WITH MECHANICAL SHOP DRAWINGS FLA VALUES PRIOR TO ORDERING AND INSTALLING ELECTRICAL EQUIPMENT.
- THE ELECTRICAL SUBCONTRACTOR SHALL EXTEND LINE VOLTAGE CONTROL WIRING FROM CU-1 TO AC-1, CU-2 TO AC-2, AND CU-3 TO AC-3 AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

**EQUIPMENT SCHEDULE LEGEND:**

O CITY ELECTRICAL SUBCONTRACTOR  
 E MECHANICAL SUBCONTRACTOR  
 M LOW VOLTAGE THERMOSTAT  
 LVT LINE VOLTAGE THERMOSTAT  
 LT HANDOFF/FALTO SWITCH  
 HOA TIME CLOCK  
 TC VARIABLE FREQUENCY DRIVE  
 VFD NON-FUSED DISCONNECT  
 ECP EQUIPMENT CONTROL PANEL  
 FWR FULL VOLTAGE NON-REVERSING INTEGRAL THERMOSTAT

MECHANICAL EQUIPMENT SCHEDULE																																			
TAG	EQUIPMENT				DESCRIPTION	LOCATION	POWER REQUIREMENTS					SUPPLY PANEL				CABLE			STARTER		LOCAL DISC.			CONTROL			NOTES								
	INSTALLED	CONNECTED	QUANTITY				HP	KW	FLA	VOLTAGE	PHASE	PANEL NAME & CIRCUIT(S)	BREAKER	DISCONNECT SWITCH	WIRING IN FUSE	POLES	NUMBER OF BUS	NUMBER OF WIRES	WIRE SIZE (COPPER)	CONDUIT SIZE (IN)	SIZE	TYPE	SUPPLIED	INSTALLED	CONNECTED	TYPE		SUPPLIED	INSTALLED	CONNECTED	TYPE	SUPPLIED	INSTALLED	CONNECTED	
DH-1	M	M	E	1	ELECTRIC DUCT HEATER	RECEIVING/SORTING		15		600	3	A	20	30		3	1	5	10	21					NFD	E	E	E	LVT	M	M	M			
DH-2	M	M	E	1	ELECTRIC DUCT HEATER	GARAGE		20		600	3	A	25	30		3	1	5	10	21					NFD	E	E	E	LVT	M	M	M			
UH-1	M	M	E	1	UNIT HEATER	RECEIVING/SORTING		5		600	3	A	15	30		3	1	4	12	21					NFD	E	E	E	LVT	M	M	M			
UH-2	M	M	E	1	UNIT HEATER	RECEIVING/SORTING		5		600	3	A	15	30		3	1	4	12	21					NFD	E	E	E	LVT	M	M	M			
UH-3	M	M	E	1	UNIT HEATER	RECEIVING/SORTING		5		600	3	A	15	30		3	1	4	12	21					NFD	E	E	E	LVT	M	M	M			
UH-4	M	M	E	1	UNIT HEATER	RECEIVING/SORTING		5		600	3	A	15	30		3	1	4	12	21					NFD	E	E	E	LVT	M	M	M			
UH-5	M	M	E	1	UNIT HEATER	GARAGE		5		600	3	A	15	30		3	1	4	12	21					NFD	E	E	E	LVT	M	M	M			
UH-6	M	M	E	1	UNIT HEATER	GARAGE		5		600	3	A	15	30		3	1	4	12	21					NFD	E	E	E	LVT	M	M	M			
ERV-1	M	M	E	1	ENERGY RECOVERY VENTILATOR	OFFICE CORRIDOR			5.5	120	1	B	15	30		1	1	3	12	16					NFD	E	E	E		M	M	M			
AC-1/CU-1	M	M	E	1	AIR CONDITIONER/CONDENSING UNIT	CLOSET/OUTDOORS				10	208	1	B	15	30		2	1	4	12	21					NFD	E	E	E	CU-1	E	E	E	NOTE 5	
AC-2/CU-2	M	M	E	1	AIR CONDITIONER/CONDENSING UNIT	KIOSK #1				15.3	120	1	K-1	20	20		1	1	3	12	21					NFD	E	E	E	CU-2	E	E	E	NOTE 5	
AC-3/CU-3	M	M	E	1	AIR CONDITIONER/CONDENSING UNIT	KIOSK #2				15.3	120	1	K-2	20	20		1	1	3	12	21					NFD	E	E	E	CU-3	E	E	E	NOTE 5	
BH-1	M	M	E	1	BASEBOARD HEATER	CORRIDOR		1		208	1	B	15	15		2	1	3	12	16															
BH-2	M	M	E	1	BASEBOARD HEATER	SHOWER		1		208	1	B	15	15		2	1	3	12	16															
BH-3	M	M	E	1	BASEBOARD HEATER	LOCKERS		1.5		208	1	B	15	15		2	1	3	12	16															
PTAC-1	M	M	E	1	PACKAGED TERMINAL AIR CONDITIONER	LUNCH ROOM				21.1	208	1	B	30	30		2	1	3	10	21					NFD	E	E	E					NEMA 6-30R	
PTAC-2	M	M	E	1	PACKAGED TERMINAL AIR CONDITIONER	OFFICE				18.5	208	1	B	20	30		2	1	3	10	21					NFD	E	E	E					NEMA 6-20R	
EF-1	M	M	E	1	EXHAUST FAN	RECEIVING/SORTING		0.5		120	1	B	20	30		1	1	3	12	16	0	FWR	E	E	E	NFD	E	E	E		M	M	M		
EF-2	M	M	E	1	EXHAUST FAN	GARAGE		0.25		120	1	B	15	15		1	1	3	12	16	0	FWR	E	E	E	NFD	E	E	E		M	M	M		
HWT-1	M	M	E	1	HOT WATER TANK	CLOSET		9		208	3	B	35	60		3	1	4	8	27					NFD	E	E	E		M	M	M			
SF-1	M	M	E	1	SUPPLY FAN	RECEIVING/SORTING		0.5		120	1	B	20	30		1	1	3	12	16	0	FWR	E	E	E	NFD	E	E	E		M	M	M		
SF-2	M	M	E	1	SUPPLY FAN	GARAGE		0.25		120	1	B	15	15		1	1	3	12	16	0	FWR	E	E	E	NFD	E	E	E		M	M	M		
FF-1	M	M	E	1	FORCE FLOW HEATER	OFFICE CORRIDOR		1.5		208	1	B	15	15		2	1	3	12	21					NFD	E	E	E	LT	M	E	E			
FF-2	M	M	E	1	FORCE FLOW HEATER	KIOSK #1		4		208	1	K-1	25			2	1	3	10	21															
FF-3	M	M	E	1	FORCE FLOW HEATER	KIOSK #1		4		208	1	K-1	25			2	1	3	10	21															
FF-4	M	M	E	1	FORCE FLOW HEATER	KIOSK #2		4		208	1	K-2	25			2	1	3	10	21															
FF-5	M	M	E	1	FORCE FLOW HEATER	KIOSK #2		4		208	1	K-2	25			2	1	3	10	21															



**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. ELEV.			
DESIGNED BY	CLS	CHECKED BY	CBS
DRAWN BY	SDC	APPROVED BY	CLS
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION:	
VERTICAL:	AS NOTED	DATE	16/09/17
ISSUED FOR TENDER	17/03/14	DATE	BY
NO. REVISIONS			

**KGS GROUP CONSULTING ENGINEERS**

ENGINEER'S SEAL

DESIGNED BY: CLS  
 CHECKED BY: CBS  
 DRAWN BY: SDC  
 APPROVED BY: CLS

HOR. SCALE: AS NOTED  
 VERTICAL: AS NOTED  
 DATE: 16/09/17

**THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT**

Winnipeg

PROJECT TITLE: 4R WINNIPEG DEPOT EAST WINNIPEG COMMUNITY RESOURCE RECOVERY CENTRE

MECHANICAL EQUIPMENT SCHEDULE

CONSULTANT PROJECT NO. 16-0107-010

SHEET 33 OF 41  
 COMPUTER FILE NAME 16-0107-010  
 CONSULTANT DRAWING NUMBER E08