NOTES:

1. PROVIDE LOCK–ON BREAKER PAINTED RED AND COMPLETE WITH RED LAMACOID LABEL.
2. PROVIDE LOCK–ON BREAKER.

SUPPLY: 600V 3Ø 4W
BUS AMPACITY: 250
BUS MATERIAL: ■ COPPER □ ALUMINUM
INCOMING: ■ BREAKER □ LUGS
MAIN BREAKER AMPS:
SERVICE ENTRANCE RATED: □ YES ■ NO
BUS AND BREAKER RATING: 35kA

NAME PLATE:

PANEL ' PNL–F7000 '

LOCATION: ELECTRICAL ROOM
MOUNTING: ■ SURFACE □ FLUSH
ENCLOSURE RATING: NEMA 12
MANUFACTURER:
MODEL NO:
BREAKER: □ PLUG–IN ■ BOLT–ON
SPD: □ YES ■ NO

NOTE	REV	CCT	DESCRIPTION	VA	P	BKR	A	B	C	BKR	P	VA	DESCRIPTION	CCT	REV	NOTE
		1					•							2		
		3	MAKE–UP AIR UNIT MUA–F6110	7648	3	15		•		15	3	4053	EXHAUST FAN EF–F6120	4		
		5							•					6		
		7					•							8		
		9	MAKE–UP AIR UNIT MUA–F6210	20000	3	30		•		15	3	2806	EXHAUST FAN EF–F6220	10		
		11							•					12		
		13					•							14		
		15	MAKE–UP AIR UNIT MUA–F6211	–	3	–		•		60	3	45000	TR–F7001 TRANSFORMER PNL–F7001	16		
		17							•					18		
		19	SPACE	–	1	–	•							20		
		21	SPACE	–	1	–		•		40	3	30000	WELDING OUTLET	22		
		23	SPACE	–	1	–			•					24		
		25	SPACE	–	1	–	•							26		
		27	SPACE	–	1	–		•		40	3	30000	WELDING OUTLET	28		
		29	SPACE	–	1	–			•					30		
		31	SPACE	–	1	–	•			–	1	–	SPACE	32		
		33	SPACE	–	1	–		•		–	1	–	SPACE	34		
		35	SPACE	–	1	–			•	–	1	–	SPACE	36		
		37	SPACE	–	1	–	•			–	1	–	SPACE	38		
		39	SPACE	–	1	–		•		–	1	–	SPACE	40		
		41	SPACE	–	1	–			•	–	1	–	SPACE	42		

LOAD 'A'	LOAD 'B'	LOAD 'C'
43,953	43,953	43,953

SUPPLY: 240V 1Ø 3W
BUS AMPACITY: 100
BUS MATERIAL: ■ COPPER □ ALUMINUM
INCOMING: ■ BREAKER □ LUGS
MAIN BREAKER AMPS: 40
SERVICE ENTRANCE RATED: □ YES ■ NO
BUS AND BREAKER RATING: 14kA

NAME PLATE:

PANEL ' PNL–F7010 '

LOCATION: ELECTRICAL ROOM
MOUNTING: ■ SURFACE □ FLUSH
ENCLOSURE RATING: NEMA 12
MANUFACTURER:
MODEL NO:
BREAKER: □ PLUG–IN ■ BOLT–ON
SPD: □ YES ■ NO

NOTE	REV	CCT	DESCRIPTION	VA	P	BKR	L1	L2	BKR	P	VA	DESCRIPTION	CCT	REV	NOTE
		1	CP–F8000, PS02 POWER SUPPLY	480	1	15	•		–	1	–		2		
		3	CP–F8000, PS04 POWER SUPPLY	480	1	15		•	–	1	–		4		
		5	CISCO CAMERA SWITCH (DATA RACK CABINET)	500	1	15	•		–	1	–		6		
		7		–	1	–		•	–	1	–		8		
		9		–	1	–	•		–	1	–		10		
		11		–	1	–		•	–	1	–		12		
		13		–	1	–	•		–	1	–		14		
		15		–	1	–		•	–	1	–		16		
		17		–	1	–	•		–	1	–		18		

LOAD 'L1'	LOAD 'L2'
0	0

SUPPLY: 208V 3Ø 4W
BUS AMPACITY: 225
BUS MATERIAL: ■ COPPER □ ALUMINUM
INCOMING: □ BREAKER ■ LUGS
MAIN BREAKER AMPS:
SERVICE ENTRANCE RATED: □ YES ■ NO
BUS AND BREAKER RATING: 14kA

NAME PLATE:

PANEL ' PNL–F7001 '

LOCATION: ELECTRICAL ROOM
MOUNTING: ■ SURFACE □ FLUSH
ENCLOSURE RATING:
MANUFACTURER:
MODEL NO:
BREAKER: □ PLUG–IN ■ BOLT–ON
SPD: □ YES ■ NO

NOTE	REV	CCT	DESCRIPTION	VA	P	BKR	A	B	C	BKR	P	VA	DESCRIPTION	CCT	REV	NOTE
		1					•			15	1	696	UH–F6240 GAS FIRED UNIT HEATER	2		
		3	P–F0770 DOSING PUMPS	865	3	15		•		15	1	696	UH–F6241 GAS FIRED UNIT HEATER	4		
		5							•	15	1	696	UH–F6242 GAS FIRED UNIT HEATER	6		
		7					•			15	1	696	UH–F6243 GAS FIRED UNIT HEATER	8		
		9	P–F0771 DOSING PUMPS	865	3	15		•		15	1	312	RH–F6140 GAS FIRED RADIANT HEATER	10		
		11							•	15	1	312	RH–F6141 GAS FIRED RADIANT HEATER	12		
		13					•							14		
		15	P–F0772 DOSING PUMPS	865	3	15		•		50	3	12000	HWT–F5110	16		
		17							•					18		
		19					•			15	1	775	LIGHTING RAILCAR SHELTER 2	20		
		21	P–F0780 DOSING PUMPS	2377	3	15		•		15	1	1143	NIGHT LIGHT	22		2
		23							•	15	1	480	CP–F8000, PS01 POWER SUPPLY	24		
		25					•			15	1	946	LIGHTING CHEMICAL STORAGE 101C	26		
		27	P–F0781 DOSING PUMPS	2377	3	15		•		15	1	480	CP–F8000, PS03 POWER SUPPLY	28		
		29							•	15	1	500	EMERGENCY LIGHTING	30		2
		31	P–F5030 DOMESTIC HOT WATER RECIRCULATION PUMP	298	1	15	•			15	1	200	EXIT LIGHTING	32		2
		33	P–F5070 DOMESTIC HOT WATER RECIRCULATION PUMP	696	1	15		•		15	1	500	FIRE ALARM SYSTEM	34		1
		35	XV–F8700 SUPPLY VALVE	200	1	15			•	15	1	–	SPARE	36		
		37	XV–F8710 SUPPLY VALVE	200	1	15	•			15	1	500	EXTERIOR LIGHTING	38		
		39	XV–F8702 SUPPLY VALVE	200	1	15		•		15	1	800	POWER RECEPTACLE – 101 C	40		
		41	XV–F8703 SUPPLY VALVE	200	1	15			•	15	1	800	POWER RECEPTACLE – 101 C	42		
		43	XV–F8704 SUPPLY VALVE	200	1	15	•			15	1	800	POWER RECEPTACLE – 101 B	44		
		45	XV–F8705 SUPPLY VALVE	200	1	15		•		15	1	0	HEAT TRACE HT–F7049	46		
		47	XV–F8706 SUPPLY VALVE	200	1	15			•	15	1	0	HEAT TRACE HT–F7050 1	48		
		49	XV–F8707 SUPPLY VALVE	200	1	15	•			15	1	300	P–F6250 HYDRONIC GLYCOL CIRCULATION PUMP	50		
		51	OVERHEAD DOOR	–	2	15		•		40	2	6000	UPS–F7010	52		
		53							•					54		
		55	MOTORIZED DAMPER MD–F6250, MD–F6251, MD–F6252	18	1	15	•			15	1	1120	HEAT TRACE HT–F7040	56		
		57	MOTORIZED DAMPER MD–F6150, MD–F6151	12	1	15		•		15	1	1120	HEAT TRACE HT–F7041	58		
		59		–	1	–			•	15	1	1120	HEAT TRACE HT–F7051	60		
		61		–	1	–	•			15	1	1120	HEAT TRACE HT–F7052	62		
		63		–	1	–		•		–	1	–		64		
		65		–	1	–			•	–	1	–		66		
		67		–	1	–	•			–	1	–		68		
		69		–	1	–		•		–	1	–		70		
		71		–	1	–			•	–	1	–		72		

LOAD 'A'	LOAD 'B'	LOAD 'C'
14,519	15,609	13,958

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE

REFERENCE DRAWINGS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

NO.	REVISIONS	DATE	BY
1	RE–ISSUED FOR CONSTRUCTION	2022 07 05	JAB
0	ISSUED FOR CONSTRUCTION	2022 05 18	JAB

KGS GROUP

DESIGNED BY	DG	CHECKED BY	JAB
DRAWN BY	RG	APPROVED BY	JAB
SCALE:	NTS	RELEASED FOR CONSTRUCTION	
DATE	2022 02 27	DATE	

PLOT DATE: 2022 07 12

ENGINEER'S SEAL
PROVINCE OF MANITOBA
BOUCHARD
Member
20560
2022-07-14
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
21–0107–015_E0.101

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

NORTH END SEWAGE TREATMENT PLANT (NEWPCC)
INTERIM PHOSPHOROUS REMOVAL
ELECTRICAL

BUILDING 101
PANEL BOARD SCHEDULE

CITY DRAWING NUMBER 1–0101–ESCH–F201–001
SHEET 1 OF 1

BID OPPORTUNITY: 197–2022
CONTRACT NUMBER:

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FILE NAME: 1–0101–ESCH–F201–001.dwg