LUMINAIRE SCHEDULE

TYPE	FIXTURE DESCRIPTION	LAMP TYPE	VOLTS	WATTS	LUMENS	COLOUR TEMP	NOTES	MANUFACTURER	CATALOGUE No.
A	2X4 VOLUMETRIC RECESSED FIXTURE	LED	120V	36W	4800	4000K	2	LITHONIA	2BLT4-48L-ADSM-GZ1-LP840-WH
B	4" LDN, CLEAR, SEMI-SPECULAR REFLECTOR, 80 CRI	LED	120V	11W	1046	4000K	2	LITHONIA	LDN4-40/10-LO4AR-LSS-TRW-MVOLT-GZ1
C	6" LDN, CLEAR, SEMI-SPECULAR REFLECTOR, 80 CRI	LED	120V	18W	1516	4000K	2	LITHONIA	LDN6-40/15-LO6AR-LSS-TRW-MVOLT-GZ1
D	SLOT 4 PENDANT DIRECT/INDIRECT 4' 80 CRI, 400 DIRECT/ 800 INDIRECT LUMENS PER FOOT	LED	120V	179W	5162	4000K	2	MARK ARCHITECTURAL	S4LID-LCB-16FT-MSL8-80CRI-40K-800LMF-I80 CRI-I40K-I800LMF-BW-SCT-MIN1-FLL-MVOLT-WHTT-ZT-F1/36A-RDCY-WHCY-WCRD
E	4' LINEAR FIXTURE	LED	120V	28W	4028	4000K	1,2	LITHONIA	ZL1D-L48-3000LM-FST-MVOLT-40K-80CRI-WH

NOTES:

1. FIXTURE TO BE SUSPENDED 10' AFF.
2. COORDINATE MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT TAG	QTY	DESCRIPTION	LOCATION	VOLTS	Ø	LOADS			CIRCUIT BREAKER	WIRE SIZE	STARTER	NOTES
						AMP	kW	HP				
DWH-1	1	HOT WATER TANK	ROOM 103	208V	1		3		20A-2P	3#12		
DWH-2	1	WATER HEATER	ROOM 123	208V	3		3.5		15A-3P	3#12		
RTU-1	1	ROOF TOP UNIT	ROOF AREA A	600V	3	28MCA	18		40A-3P	3#10	VFD	1
RTU-2	1	ROOF TOP UNIT	ROOF AREA B	600V	3	20MCA	12		20A-3P	3#12	VFD	1
DHC-1	1	DUCT MOUNTED HEATING COIL	ROOM 103	600V	3		15		20A-3P	3#12		
DHC-2	1	DUCT MOUNTED HEATING COIL	ROOM 123	208V	3		4.3		15A-3P	3#12		
CU-1	1	CONDENSING UNIT	ROOF AREA A	208V	1	34.8MCA			50A-2P	2#8		
CU-2	1	CONDENSING UNIT	ROOF AREA B	208V	1	15.2MCA			25A-2P	2#12		
VAV-1	1	VAV BOX WITH REHEAT COIL	ROOM 101	120V	1		1.8		20A-1P	2#12		
VAV-2	1	VAV BOX WITH REHEAT COIL	ROOM 102	120V	1		1.8		20A-1P	2#12		
VAV-3	1	VAV BOX WITH REHEAT COIL	ROOM 103	120V	1		0.8		30A-1P	2#10		3
VAV-4	1	VAV BOX WITH REHEAT COIL	ROOM 104	208V	1		3.8		25A-2P	2#12		
VAV-5	1	VAV BOX WITH REHEAT COIL	ROOM 105	120V	1		1		30A-1P	2#10		3
VAV-6	1	VAV BOX WITH REHEAT COIL	ROOM 107	120V	1		2.5		30A-1P	2#10		
VAV-7	1	VAV BOX WITH REHEAT COIL	ROOM 107	120V	1		0.8		30A-1P	2#10		3
VAV-8	1	VAV BOX WITH REHEAT COIL	ROOM 110	120V	1		1.4		20A-1P	2#12		
VAV-9	1	VAV BOX WITH REHEAT COIL	ROOM 112	120V	1		0.4		25A-1P	2#12		4
VAV-10	1	VAV BOX WITH REHEAT COIL	ROOM 112	120V	1		1.2		25A-1P	2#12		4
VAV-11	1	VAV BOX WITH REHEAT COIL	ROOM 122	120V	1		0.8		25A-1P	2#12		4
VAV-12	1	VAV BOX WITH REHEAT COIL	ROOM 135	208V	1		3		20A-2P	2#12		
VAV-13	1	VAV BOX WITH REHEAT COIL	ROOM 135	120V	1		1.1		20A-1P	2#12		5
VAV-14	1	VAV BOX WITH REHEAT COIL	ROOM 128	120V	1		0.5		20A-1P	2#12		5
VAV-15	1	VAV BOX WITH REHEAT COIL	ROOM 134	120V	1		2		25A-1P	2#12		
ERV-1	1	ENERGY RECOVER UNIT	ROOM 103	208V	1	7.1A	1.4		15A-2P	2#12		2
ERV-2	1	ENERGY RECOVER UNIT	ROOM 123	208V	1	4.1A	0.7		15A-2P	2#12		2

GENERAL ELECTRICAL NOTES:

1. ALL DISCONNECT SWITCHES TO BE SUPPLIED BY ELECTRICAL CONTRACTOR.
2. ELECTRICAL CONTRACTOR TO PROVIDE CIRCUIT BREAKERS AND WIRING ACCORDING TO THE FINAL NAMEPLATE DATA OF ALL THE MECHANICAL EQUIPMENT.
3. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF MECHANICAL EQUIPMENT.
4. REVIEW AND COORDINATE WITH MECHANICAL DRAWINGS FOR CONTROLS RELATED PROJECT REQUIREMENT.
5. ALL ELECTRICAL WIRING FOR EQUIPMENT SERVICED BY VFD'S SHALL BE COMPLETED USING TECK 90 CABLE COMPLETE WITH TECK CONNECTORS.
6. ELECTRICAL CONTRACTOR TO ALLOW FOR WIRING OF LINE AND LOAD REACTORS IN CONJUNCTION WITH VFD'S.

KEY NOTES:

1. CONTRACTOR TO PROVIDE DISCONNECTS WITH AUXILIARY CONTACTS FOR EQUIPMENT WITH VFD. AUXILIARY CONTACTS IN LOCAL DISCONNECT TO BE WIRED BACK TO THE VFD TO DE-ENERGIZE VFD WHEN DISCONNECT SWITCH IS IN THE OPEN POSITION.
2. ELECTRICAL CONTRACTOR TO PROVIDE SMALL 230/208V SINGLE PHASE STEP DOWN TRANSFORMER. COORDINATE WITH MANUFACTURER REQUIREMENTS.
3. VAV'S WIRED TO ONE 30A CIRCUIT.
4. VAV'S WIRED TO ONE 25A CIRCUIT.
5. VAV'S WIRED TO ONE 20A CIRCUIT.

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Consultants

Legend

Revision	By	Appd.	YY.MM.DD
ISSUED FOR CONSTRUCTION	CB	AA	25.06.04

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Permit-Seal

PROVINCE OF MANITOBA
115421006
June 4, 2025
ALEXANDRA ROUTIOUNOV
Member
31095
REGISTERED PROFESSIONAL ENGINEER

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

Client/Project

WINNIPEG TRANSIT MAINTENANCE FACILITY OFFICE REDEVELOPMENT

421 OSBORNE ST. SOUTH, WINNIPEG, MB

Title

ELECTRICAL SCHEDULES

Project No.	Scale	
115421006	1/8"=1'-0"	
Drawing No.	Sheet	Revision
E-303	15 of 18	0