	LIGHTING PLAN SYMBOLS			
FLUORESCENT STRIP LUMINAIRE, 4'				
CEILING MOUNTED EXIT SIGN (TEXT ON SHADED SIDES, ARROWS				
	WALL MOUNTED EXIT SIGN (TEXT ON SHADED SIDES, ARROWS AS INDICATED)			
	ф	LINE VOLTAGE SWITCH (120V TO 347V)		
	<b>⊕</b>	LOW VOLTAGE SWITCH		
	4244	EMERG. LTG. BATTERY PACK (# OF LAMPS AS SHOWN)		
		COMBINATION EXIT SIGN/EMERG. LTG. BATTERY PACK		

LIGHTING ANNOTATION LEGEND
LUMINAIRE TYPE (SCHEDULE REFERENCE)  SWITCH LEG  X-13 PANEL AND CIRCUIT

POWER PLAN SYMBOLS			
DUPLEX 5-15R RECEPTACLE			
⊕GF DUPLEX 5-15R RECEPTACLE C/W INTEGRAL GFCI PROTECTION			
DUPLEX 5-20R RECEPTACLE, T-SLOT			
TWO DUPLEX 5-15R RECEPTACLES			
O CEILING MOUNTED JUNCTION BOX			
Ç	WALL MOUNTED JUNCTION BOX		
•K	KEYED SWITCH		
POWER PANELBOARD			
	PANEL (TYPE AS INDICATED - SECURITY, LIGHTING RELAY, ETC.)		
<b>О</b> Д-	MOTOR c/w DISCONNECT SWITCH		
□	WALL MOUNTED SECURITY CAMERA		
<del></del>	CONDUIT STUB		
Θ——	CONDUIT UP		
<u>c</u> —	CONDUIT DOWN		

	SCHEMATIC SYMBOLS		
( )	LOW VOLTAGE CIRCUIT BREAKER		
m m	TRANSFORMER		
°f	TRANSFER SWITCH		
G	GENERATOR		
M	REVENUE METER		
K	KEYED SWITCH		
Δ	DELTA CONNECTION		
Y	WYE CONNECTION		
<u> </u>	GROUND CONNECTION		
PANEL PNL N2A 42CCT	PANELBOARD		

GENERAL SYMBOLS		
#	NOTE REFERENCE	
<b>## ###</b>	EQUIPMENT REFERENCE	
#	REVISION NUMBER	
##	WIRING HOME RUN	

FIRE ALARM SYMBOLS			
F FIRE ALARM MANUAL STATION			
⊠́⊲EH	FIRE ALARM ELECTRONIC HORN/SOUNDER/CHIME c/w STROBE		
ODS FIRE ALARM SMOKE DETECTOR, DUCT MOUNTED			
FAA	FIRE ALARM ANNUNCIATOR PANEL		
FACP	FIRE ALARM CONTROL PANEL		
CACF	CENTRAL ALARM & CONTROL FACILITY		

ABBREVIATIONS			
EX	EXISTING DEVICE TO REMAIN		
RE	REMOVE EXISTING DEVICE		
RL RELOCATE EXISTING DEVICE			
ER	EXISTING DEVICE IN RELOCATED POSITION		
RP	REPLACE EXISTING DEVICE WITH NEW DEVICE		
AFF	ABOVE FINISHED FLOOR		
BMS	BUILDING MANAGEMENT SYSTEM		
GF	GROUND FAULT		
GFCI	GROUND FAULT CIRCUIT INTERRUPTER		
JB	JUNCTION BOX		
TYP	TYPICAL		
WP	WEATHERPROOF		

## ELECTRICAL GENERAL NOTES (APPLICABLE TO ALL DRAWINGS):

- THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM AUTHORITIES HAVING JURISDICTION AND PAY ALL ASSOCIATED FEES.
- 2. PRODUCE COORDINATION DRAWINGS OF THE MECHANICAL DUCTWORK AND ELECTRICAL RACEWAYS IN THE STORAGE ROOM AND THE AREA IMMEDIATELY OUTSIDE OF THE STORAGE ROOM IN COORDINATION WITH MECHANICAL TRADES. CONFIRM CODE MANDATED CLEARANCES AND MAINTENANCE ACCESS CLEARANCES. SUBMIT COORDINATION DRAWINGS FOR OWNER'S REVIEW PRIOR TO COMMENCING THE ROUGH—INS.
- 3. LOCATE JUNCTION AND PULL BOXES AS REQUIRED TO ALLOW ACCESS AFTER EQUIPMENT AND APPERTANCES ARE INSTALLED. COORDINATE EXACT LOCATIONS WITH OTHER TRADES. COORDINATE LOCATIONS AND ELEVATIONS OF ELECTRICAL DEVICES WITH DRAWINGS AND OTHER TRADES PRIOR TO INSTALLATION.
- 4. PROTECT PERMANENT BUILDING FINISHES FROM DAMAGE DURING CONSTRUCTION PERIOD. PROVIDE PLYWOOD OR SIMILAR MATERIAL UNDER EQUIPMENT OR MATERIALS STORED ON FLOORS, AND IN AREAS WHERE CONSTRUCTION MAY DAMAGE FINISHES. SURFACES OR FINISHES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE PRE—CONSTRUCTION STATE AT NO ADDITIONAL COST TO THE OWNER.
- 5. WHERE DIRECTED TO USE OR RETAIN EXISTING CIRCUITS, AND THE CIRCUIT NUMBERS DIFFER FROM THE DRAWING, UPDATE DIRECTORIES AND RECORD DRAWINGS.
- 6. FOR NEW PANELS AND EXISTING PANELS IMPACTED BY THE SCOPE OF WORK, PROVIDE UPDATED TYPEWRITTEN AND PRINTED DIRECTORIES UPON COMPLETION OF WORK.
- 7. FOR 120V BRANCH CIRCUITS OVER 75' (25 METERS) IN LENGTH (TOTAL ONE WAY) FROM THE PANEL, THE ELECTRICAL CONTRACTOR SHALL CALCULATE THE VOLTAGE DROP AND PROVIDE AN APPROPRIATE CONDUCTOR SIZE TO ACHIEVE NO MORE THAN 3% MAXIMUM ALLOWABLE VOLTAGE DROP. WHERE EXISTING CIRCUITS' VOLTAGE DROP EXCEEDS 3%, CONTRACTOR SHALL PROVIDE NEW CIRCUITS OR MODIFY EXISTING CIRCUITS TO ACCOMMODATE THE VOLTAGE DROP.
- 8. DO NOT SCALE THE DRAWINGS. PRIOR TO COMMENCING ROUGH—INS, COORDINATE ROUTING OF NEW SERVICES WITH EXISTING SERVICES AND OTHER TRADES TO AVOID INTERFERENCES. CAREFULLY INVESTIGATE CONDITIONS AFFECTING WORK AND EQUIPMENT, ARCHITECTURAL AND STRUCTURAL FEATURES SHALL BE AVOIDED.



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Client

Legend

Notes

Revision	Ву	Appd.	YY.MM.DD	
0 ISSUED FOR CONSTRUCTION		СВ	AA	23.09.18
Issued		Ву	Appd.	YY.MM.DD
File Name: 115423001e_e-001m	СВ	AA	СВ	22.05.27
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Permit-Seal



Client/Project

WINNIPEG TRANSIT DIRECT CURRENT FAST CHARGING BUS STATIONS BRANDON GARAGE

600 Brandon Ave. Winnipeg, Manitoba

Title

DRAWING LIST AND SYMBOL LEGEND

Project No. 144523001	Scale As Indicated		
Drawing No.	Sheet	Revision	
F-001	1 of 12	0	