

LIGHTING	
	LIGHTING DENOTATION: A = LUMINAIRE/FIXTURE TYPE NL = NIGHT LIGHT
	1'X4' SUSPENDED OR SURFACE MOUNT LIGHT FIXTURE
	WALL MOUNT STRIP LIGHT FIXTURE
	DAYLIGHT SENSOR

ABBREVIATION / SYMBOL MODIFIER LIST	
ITEM	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
CM	CEILING MOUNTED
EC	ELECTRICAL CONTRACTOR
MW	MILLWORK MOUNTED
NL	NIGHT LIGHT
WG	WIRE GUARD
WP	WEATHERPROOF

LUMINAIRE SCHEDULE														
LED REPLACEMENT LUMINAIRE														
TYPE	EXISTING LUMINAIRE (FOR INFORMATION ONLY)	REPLACEMENT LUMINAIRE DESCRIPTIONS	MANUFACTURER	PART/MODEL #	MOUNTING				LAMPS			POWER		
					CEILING	WALL	RECESSED SURFACE	SUSPENDED	QTY PER FIXTURE	TYPE	COLOR TEMP (°K)	LUMENS (LM)	VOLTAGE (V)	WATTS PER FIXTURE (W)
A (MAIN / 2ND FLOOR)	4' FLUORESCENT STRIP CW 2-LAMP, T8, 32W LAMPS	2.5'X3.25'X4' (HXWXL) LED STRIP LIGHT PREMIUM EFFICIENCY LED COMPLETE WITH WHITE STEEL HOUSING, FROSTED DIFFUSER, 160KHR L70, 80CRI, CHAIN HANGER AND ROW MOUNTING.	BJ TAKE	BL-SPH-4-4.5-8-40-347-L18-M1-M7	X	.	.	X	1	LED	4000	4500	347	31.1
B (3RD FLOOR)	4' FLUORESCENT STRIP CW 1-LAMP, T8, 32W LAMPS	2.5'X3.25'X4' (HXWXL) LED STRIP LIGHT PREMIUM EFFICIENCY LED COMPLETE WITH WHITE STEEL HOUSING, FROSTED DIFFUSER, 160KHR L70, 80CRI, CHAIN HANGER AND ROW MOUNTING.	BJ TAKE	BL-SPH-4-3.5-8-40-347-L18-M1-M7	X	.	.	X	1	LED	4000	3500	347	24.5
C (4TH FLOOR)	1'X4' FLUORESCENT LOUVERED LUMINAIRE CW 1-LAMP, T8HO, 54W LAMP	2.5'X3.25'X4' (HXWXL) LED STRIP LIGHT PREMIUM EFFICIENCY LED COMPLETE WITH WHITE STEEL HOUSING, FROSTED DIFFUSER, 160KHR L70, 80CRI, CHAIN HANGER, ROW MOUNTING AND ATTACHABLE LOUVERS.	BJ TAKE	BL-SPH-4-6.5-8-40-347-L18-M1-M7 (TBD), M9	X	.	.	X	1	LED	4000	6500	347	44.5
D (1ST FLOOR COVE WALL WASH)	4' FLUORESCENT STRIP CW 1-LAMP, T8HO, 54W LAMP	4' LINEAR SURFACE MOUNT LED LUMINAIRE COMPLETE WITH 50KHR L85, EXTRUDED ALUMINUM HOUSING, 925 LUMEN PER FOOT DIRECT LIGHTING, 80CRI, SPOTLESS LENS ALUMINUM END CAPS AND WHITE FINISH.	AXIS	TBASLED-1000-80-40-SO-4-W-347-DP-1	X	.	.	X	1	LED	4000	4000	347	49.6
F (4TH FLOOR WALL WASH)	1'X4' RECESSED FLUORESCENT LUMINAIRE CW 1-LAMP, T8HO, 54W LAMP	12' LINEAR WALL MOUNT LED LUMINAIRE COMPLETE WITH 50KHR L85, EXTRUDED ALUMINUM HOUSING, 925 LUMEN PER FOOT DIRECT LIGHTING, 80CRI, SPOTLESS LENS ALUMINUM END CAPS, WHITE FINISH, 0-10VDC DIMMING, AND INTEGRAL DAYLIGHT HARVESTING SENSOR.	AXIS	TB4WDLLED-400-1000-80-40-SO-12-W-347-DP-1-DS	.	X	.	X	1	LED	4000	12000	347	148.8

GENERAL NOTES:

- ALL LUMINAIRES ARE TO BE DLC CERTIFIED, ENERGY STAR CERTIFIED OR APPROVED BY EFFICIENCY MANITOBA.
- ALL LUMINAIRES SHALL CARRY A 5 YEAR SYSTEM, AND 10 YEAR LED WARRANTY.
- CONTRACTOR TO FIELD VERIFY REQUIRED MOUNTING ACCESSORIES PRIOR TO ORDERING.
- REFER TO SUPPLEMENTARY INSTRUCTIONS FOR SPARE PARTS LIST.
- PROVIDE ALL ACCESSORIES INCLUDING TRIM RINGS, STEMS, CANOPIES, CORDS, MOUNTING HARDWARE, RESTRAINTS, HURRICANE CLIPS, ETC., NECESSARY TO MOUNT THE FIXTURE IN A COMPLETE, AND APPROVED METHOD.
- PROVIDE CHAIN HANGERS FOR ALL SUSPENDED CHANNELS AND/OR STRIPLIGHTS.

GENERAL DEMOLITION NOTES:

- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND STANDARDS.
- PRIOR TO COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS TO COMPLETE THE DEMOLITION SCOPE OF WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SAFE THE AREA OF DEMOLITION AND FOR ENSURING THAT SAFETY PROCEDURES, PRACTICES AND OPERATIONS ARE FOLLOWED. ALL DEMOLITION AND MATERIAL SHALL BE SAFELY REMOVED TO ALLOW FUTURE CONSTRUCTION AND ALL DEBRIS DISPOSED OF ON A DAILY BASIS.
- CONTRACTOR SHALL PROVIDE SAFETY AND DUST PROOF BARRIERS TO PROTECT ALL PUBLICLY OCCUPIED AREAS DURING THE DEMOLITION AND CONSTRUCTION PERIOD. ALL AREAS, FURNITURE, EQUIPMENT ETC. THAT ARE ADJACENT OR NOT A PART OF THE DEMOLITION AREA SHALL BE PROTECTED FROM DAMAGE.
- ALL MATERIALS REMOVED DUE TO THE DEMOLITION OF EXISTING AREAS ARE OF THE OWNER'S PROPERTY IN WHICH THE OWNER HAS THE FIRST RIGHT TO CLAIM. ALL ITEMS THAT ARE NOT CLAIMED BY THE OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND DISCARD FROM SITE.
- NON-DEMOLITION ITEMS MAY BE SHOWN ON THE DRAWINGS TO DESCRIBE THE INTENT OF THE OVERALL SCOPE OF WORK AND TO AID THE CONTRACTOR WITH THEIR COORDINATION. CONTRACTOR SHALL FIELD VERIFY ALL DEVICE LOCATIONS.
- WHERE CONDUITS ARE TO BE REMOVED WITHIN THE SCOPE OF WORK, ALL CONDUITS AND ASSOCIATED WIRING (I.E. FEEDER CIRCUIT WIRING) SHALL BE REMOVED BACK TO THEIR SOURCE AND NOT JUST TO THE NEAREST JUNCTION BOX.
- ALL OBSOLETE/ABANDONED CABLING AND CONDUIT WITHIN CEILING SPACES THAT ARE AFFECTED BY THE AREA OF DEMOLITION SHALL BE COMPLETELY REMOVED.
- WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED, ALL WALLS/CEILINGS SHALL BE REPAIRED TO EXISTING CONDITIONS. SURFACES SHALL BE PATCHED AND PAINTED TO MATCH EXISTING.

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.
 THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.
 THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.
 ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.
 ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.
 THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
 WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.
 WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

DRAWING LIST	
SHEET No:	SHEET TITLE
E1	SYMBOL LEGEND, DRAWING LIST, GENERAL NOTES AND LIGHTING SCHEDULE
E2	MAIN FLOOR - LIGHTING PLAN
E3	SECOND FLOOR - LIGHTING PLAN
E4	THIRD FLOOR - LIGHTING PLAN
E5	FOURTH FLOOR - LIGHTING PLAN
E6	SPECIFICATIONS



1	RE-ISSUED FOR CONSTRUCTION	CLS	22.02.16
0	ISSUED FOR CONSTRUCTION	CLS	22.01.04
No.	REVISION/DESCRIPTION	BY	DATE

SEAL

DRAWN	RAH	CHECKED	DAL	DESIGNED	CLS	APPROVED
DATE	2021.09.08	USER				

CITY OF WINNIPEG
 ASSETS & PROJECT MANAGEMENT
 DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 4TH FLOOR, 185 KING STREET
 WINNIPEG, MANITOBA R3B 1J1

PROJECT
 TENDER 139-2022
 INTERIOR RENOVATIONS FOR
 MILLENNIUM LIBRARY
 251 DONALD ST., WINNIPEG, MB

SHEET TITLE
 SYMBOL LEGEND, DRAWING LIST,
 GENERAL NOTES AND LIGHTING SCHEDULE

SCALE	PROJECT No:	SHEET No:
N.T.S.	21-0107-014	E1