

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOGUE NO.	LAMPS		VOLTS	MOUNTING	REMARKS	NOTES	WATTS
			NO.	TYPE					
A1	A LIGHT	ACL3-54-LH-35-U-HE-F-B-D-OP	-	LED	120	S	3 SENSORS PER RUN	1,2,5	513
	AXIS LIGHTING	BSLED-1000-80-35-SO-S#-BLK-120-DP-1-XX-DOS	-	LED	120	S		1,2,5	10.4/FT
B1	LIGHT ART	ECHO-35-8-B		A19 LED	120	P	PENDANT LIGHT FIXTURE	1,2,3,4	9
B2	LIGHT ART	ECHO-47-12-B		A19 LED	120	P	PENDANT LIGHT FIXTURE	1,2,3,4	9
C1	BRUCK	WEP-REN-56L-E26-MPBK-##-ASH	1	A19 LED	120	P	PENDANT LIGHT FIXTURE	1,2,3	9
E	ABSOLUX LIGHTING	AX-CP11337-BK-TEKI-6AC-10-1	10	A19 LED	120	P	BLACK, COORDINATE FINISH WITH ARCHITECT	1,2,3	100
F	FOCAL POINT	TBD	-	LED	120	S	WOOD SLAT CEILING	1,2	
	AXIS LIGHTING	BSLED-1000-80-35-SO-##-BLK-UNV-DP-1-S	-	LED	120	S	WOOD SLAT CEILING	1,2,5	83
G	CFI	2-FG-C-42B-835-4-DS-UNV-DIM	-	LED	120	TB	2'X4' FIXTURE	1,2	34
	METALUX	24CZ-LD5-45SE-UNV-L835-CD1-U	-	LED	120	TB	2'X4' FIXTURE	1,2	35.7
H	LIGHTOLIER	6-R-N-C6L-15-8-35-W-Z10-U-C6-R-DL-CL	-	LED	120	R	POTLIGHT	1,2	11
	PORTFOLIO	LD6B15D010/EU6B10208035/6LBWOLI	-	LED	120	R		1,2	15.5
J	ALW	LP28D-SB-MED-80-3500K-O/10V-1%-EXT/R-BK-UNV	-	LED	120	P	SUSPENDED LINEAR PENDANT	1,2,5	10.1/FT
	AXIS LIGHTING	TB4DILED-1000/400-80-35SL-SO-S#-XX-UNV-DP-1-CXX	-	LED	120	P	SUSPENDED LINEAR PENDANT	1,2,5	12.5/FT
K	FOCAL POINT	FSM4LS-FL-675LF-35K-1C-UNV-LD1-C24-BKCD-BK-8	-	LED	120	S	LINEAR PENDANT	1,2	52
	AXIS LIGHTING	TB4DLED-675-80-35-SO-8-BLK-UNV-DP-1-CXX	-	LED	120	S	LINEAR PENDANT	1,2	12.5/FT
L	AXIS LIGHTING	SCWDI-300-500-80-035-FL-#-W-120-DP-1	-	LED	120	W	VANITY LIGHT FIXTURE	1,2,5	47
M	CFI	FSS-4-55L-835-UNV-DIM	-	LED	120	S	STRIP	1	45
	METALUX	4SLSTP5535DD-UNV	-	LED	120	S		1,2	49
N	BRUCK	WEP-SIM-122-E26-MPBK-EBY-ASH	1	A19 LED	120	P	PENDANT LIGHT FIXTURE	1,2,3	9
R	ROSCO	BRAO CUBE 4C - BLACK	-	LED	120	S			100
Z	-	MEDIUM BASE LAMP HOLDER C/W WIRE GUARD	1	A19 LED	120	S	CRAWLSPACE LIGHTING	1	9
XA	GARDCO	ECF-S	-	LED	120	POLE	SITE POLE LIGHTING	1,2	
	McGraw-Edison	GLEON-AF SERIES	-	LED	120	POLE	SITE POLE LIGHTING	1,2	
XB	KEENE	PW-15W-NWG1-8-BZ	-	LED	120	W	EXTERIOR WALL PACK	2	15
	LUMARK	XTOR2B-W	-	LED	120	W	EXTERIOR WALL PACK	2	18
XD	BL LIGHTING	BLNEONVIEW-##-40-68-EC	-	LED	120	R	LINEAR LED STRIP FIXTURE		3.7/FT
	ACCLAIM LIGHTING	FLEXTUBE SERIES	-	LED	120	R	LINEAR LED STRIP FIXTURE		3.7/FT

NOTES:
1. ALL LAMPS ARE TO BE 3500°K AND A MINIMUM 82 CRI UNLESS NOTED OTHERWISE.
2. FINISH AS SELECTED BY INTERIOR DESIGNER.
3. ALL SCREW-IN BASE FIXTURES TO BE LAMPED WITH LED TYPE.
4. 2 COLOURS TO BE SELECTED FOR FIXTURE TYPE BY DESIGN CONSULTANT FROM MANUFACTURER FULL RANGE.
5. COORDINATE LENGTH WITH LIGHTING LAYOUT AND ARCH ELEVATIONS.

S = SURFACE W = WALL TB = T-BAR
R = RECESSED V = VALANCE DW = DRYWALL
C = CEILING P = PENDANT CH = CHAIN

PANEL 'A'

DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION
RECEPT - BRANCH HEAD OFFIC	300	15	1	2	15	700 UNIVERSAL WC FLUSH VALVES
RECEPT - STUDY TABLE	600	15	3	4	15	300 UTR/STAFF UTR WC FLUSH V.
RECEPT - STUDY TABLE	600	15	5	6	15	600 RECEPT - WASHROOMS, JAN. RM.
RECEPT/USB - PUBLIC AREAS	600	15	7	8	15	1400 UNIVERSAL WC HAND DRYER
RECEPT - STUDY TABLE	600	15	9		10	
RECEPT - PUBLIC AREAS	400	15	11	12	15	1000 DOOR OPERATOR
ELECTRIC FIREPLACE	1000	15	13	14	15	1000 DOOR OPERATOR
RECEPT - MPR ROOM	600	15	15	16	15	800 PEOPLE COUNTER
RECEPT - MPR ROOM	600	15	17	18	15	200 PUBLIC MONITOR RECEPTACLE
RECEPT - MPR ROOM	600	15	19	20	15	200 WATER FOUNTAIN
RECEPT - MPR ROOM	700	15	21	22	15	1000 DOOR OPERATOR
RECEPT - COMPUTER STATIONS	600	15	23	24	15	1000 AUTOMATIC SLIDING DOOR
RECEPT - PUBLIC AREAS	1000	15	25	26	15	300 SIGNAGE
RECEPT - COMPUTER STATIONS	900	15	27	28	15	300 SIGNAGE
RECEPT - TUTORIAL ROOM A	600	15	29	30	15	1000 AUTOMATIC SLIDING DOOR
RECEPT - TUTORIAL ROOM B	600	15	31	32	15	500 DOOR OPERATOR
RECEPT - COMPUTER STATIONS	1200	15	33	34	15	400 SMART LOCKER
RECEPT - COMPUTER STATIONS	600	15	35	36	15	1000 DOOR OPERATOR
RECEPT - COMPUTER STATIONS	1200	15	37	38	15	500 DOOR OPERATOR
RECEPT - WORKSTATION	500	15	39	40	15	200 RECEPT - MPR AV EQUIPMENT
RECEPT - WORKSTATION	500	15	41	42	15	400 RECEPT - PUBLIC PATIO
RECEPT - WORKSTATION	500	15	43	44	15	1200 RECEPT - CRAWLSPACE
COPIER/PRINTER RECEPTACLES	1000	15	45	46	15	1210 LTG - OPEN LIBRARY
RECEPT - SELF CHECKOUT	600	15	47	48	15	1290 LTG - OPEN LIBRARY
RECEPT - SELF CHECKOUT	600	15	49	50	15	629 LTG - OPEN LIBRARY
RECEPT - SERVICE DESK	1000	15	51	52	15	1300 LTG - STUDY AREA, SERV. AREAS
RECEPT - SERVICE DESK	1000	15	53	54	15	750 LTG - CHILDREN'S AREA
COPIER/PRINTER RECEPTACLES	1200	15	55	56	15	828 LTG - OFFICES, VESTIBULES
RECEPT - WORKSTATION	500	15	57	58	15	1196 LTG - WORKROOM, STAFF RM
RECEPT - WORKSTATION	500	15	59	60	15	553 LTG - W/C, ELEC, MECH, JAN. RM

DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION
RECEPT - LIBRARY SERV. RM	600	15	61	62	15	1287 LTG - MPR, MPR STORAGE
RECEPT - STAFF RM, CORR.	800	15	63	64	15	600 LTG - CRAWLSPACE
CT RECEPT - STAFF ROOM	1500	20	65	66	15	1258 EXTERIOR LIGHTING
CT RECEPT - STAFF ROOM	1500	20	67	68	15	240 EXTERIOR LIGHTING
CT RECEPT - STAFF ROOM	750	15	69	70	20	1600 LTG - OPEN LIBRARY
MICROWAVE	750	15	71	72	20	1200 LTG - OPEN LIBRARY
FRIDGE	1000	15	73	74	20	DATA RACK RECEPTACLE
TELEPHONE BACKBOARD	1000	15	75	76	20	DATA RACK RECEPTACLE
RECEPT - ELEC/MECH RM	400	15	77	78	20	DATA RACK RECEPTACLE
EXIT SIGNS	100	15	79	80	15	1000 DIGITAL SIGNAGE
FACP	500	15	81	82	15	500 SECURITY SYSTEM PANEL
EXTERIOR RECEPTACLE	1500	20	83	84	15	500 ACCESS SYSTEM PANEL
IPLC RECEPTACLE	1500	20	85	86	15	500 MPR SMART GLASS
IPLC RECEPTACLE	1500	20	87	88	15	300 SECURITY MONITOR
IPLC RECEPTACLE	1500	20	89	90	20	SITE LIGHTING
EV CHARGING STATION	1500	40	91	92	15	400 PUBLIC PATIO
BOOK SORTER RECEPTACLES	1500	20	95	96	15	AUDIO SYSTEM RECEPTACLE
RECEPT - HOUSEKEEPING	200	15	97	98	15	EXTERIOR LIGHTING CONTROL
SPARE		15	99	100	15	200 INTERIOR LIGHTING CONTROL
SPARE		15	101	102	15	200 OUTDOOR CHARGING STATION
SPARE		15	103	104		
SPARE		15	105	106		
SPARE		15	107	108		
SPARE		15	109	110		
SPARE		15	111	112		
SPARE		15	113	114		
SPARE		15	115	116		
SPARE		15	117	118		
SPARE		15	119	120		

HTG. : 0KW LGT. : 14KW MTR. : 0KW MISC. : 57.3KW TOTAL : 71.3KW

PANEL 'M'

DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS	DESCRIPTION
EUH-1	4000	25	1	2	15	100 FC-1
		2P	3	4	15	100 FC-2
B-1	470	15	5	6	25	4000 EUH-1
B-2	470	15	7	8	2P	
CP-1A	1300	20	9	10	15	SPARE
		2P	11	12	15	UH-1
CP-1B	1300	20	13	14	15	VAV-1, VAV-2, VAV-3
		2P	15	16	15	VAV-4, VAV-5, VAV-7
CP-2A	610	15	17	18	15	VAV-6, VAV-8
		2P	19	20	15	VAV-9
CP-2B	610	15	21	22	30	4800 EFFH-1
		2P	23	24	2P	
CP-3A	1300	20	25	26	30	4800 EFFH-1
		2P	27	28	2P	
CP-3B	1300	20	29	30	15	375 TF-1
		2P	31	32	15	225 TF-2
HWT-1	4500	20	33	34	15	150 TF-3
		3P	35	36	15	75 TF-4
RCP-1	45	15	37	38	15	DDC CONTROL PANEL
		15	39	40	15	DDC CONTROL PANEL
SPARE		15	41	42	15	DDC CONTROL PANEL
SPARE		15	43	44	20	745 WSP-1A
SPARE		15	45	46	20	745 WSP-1B
SPARE		15	47	48	15	200 WSP-1 CONTROL PANEL
SPARE		15	49	50	20	745 WSP-2A
SPARE		15	51	52	20	745 WSP-2B
SPARE		15	53	54	15	200 WSP-2 CONTROL PANEL
SPARE		15	55	56	25	4000 EUH-1
SPARE		15	57	58	2P	
SPARE		15	59	60		

HTG. : 26.1KW LGT. : 0KW MTR. : 11.4KW MISC. : 0.4KW TOTAL : 37.9KW

TOWER PROJECT NO. : 181335

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5 2019-07-08 ISSUED FOR CONSTRUCTION SMM
4 2019-06-26 ISSUED FOR 100% PRE-TENDER REVIEW SMM
3 2019-05-13 ISSUED FOR PRE-TENDER REVIEW SMM
2 2019-04-17 ISSUED FOR REVIEW SMM
1 2019-02-22 ISSUED FOR 60% REVIEW SMM

No.	Date	Issue / Revision	By
No. 4156 Expiry: April 30, 2020			

Drawn By: VREGUNAY
Printing Date:

APEGM
Certificate of Authorization
Tower Engineering Group
No. 4156 Expiry: April 30, 2020

Province of Manitoba
Registered Professional Engineer
Member
31171

2019-07-16

Bill and Helen Norrie Library
Project No.: 2017-082
Tender No.: 542-2019
Address: 15 Poseidon Bay, Winnipeg, MB.

SCHEDULES

Comm. No.: 1847 Sheet: **E5.2**