

- NEW KEYED NOTES
- A. PROVIDE FIRE ALARM SMOKE DETECTOR C/W AUXILIARY CONTACTS. CONNECT THIS DETECTOR TO FIRE ALARM SYSTEM AND ELEVATOR CONTROL PANEL FOR EMERGENCY RECALL.
- B. CONNECT NEW EXIT SIGNS TO NEAREST EXISTING EMERGENCY LIGHTING CIRCUIT WITH SPARE CAPACITY TO SUIT. MODIFY AND/OR EXTEND EXISTING BRAHUN WIRING AS REQUIRED. ENSURE CIRCUIT NOT TO BE OVERLOADED.
- C. PROVIDE LUTRON PICO WIRELESS LOW VOLTAGE SWITCHES (QTY. OF 8) AS SPECIFIED FOR CORRIDOR LIGHTING ZONES (LIGHTING ZONES 24A TO 24H).
- D. PROVIDE 3/4" CONDUIT BETWEEN LUTRON QSN PANELS TO LUTRON HUB IN ELEC CLOSET #2902B FOR QS LINKS.
- E. PROVIDE LUTRON POWPAK DIMMING MODULE (CAT #; RMS-BT-DV-B) FOR INDICATED ROOM. REFER TO ELECTRICAL DRAWING E501. PROVIDE ALL NECESSARY ACCESSOIRES TO ENSURE A COMPLETE INSTALLATION.
- F. UNDER CABINET LIGHTS L13A' & L13B' SHALL BE CONTROLLED BY THE SAME OCCUPANCY SENSOR DIMMER SWITCH AND FED FROM THE SAME POWER SUPPLY. JUMPING CABLE SHALL NOT BE USED.
- G. LUTRON DIN RAIL POWER SUPPLY (CAT #; QSPS-DH-1-75) TO BE INSTALLED IN AN ENCLOSURE ABOVE THE CEILING SPACE. PROVIDE 120V/15A POWER CONNECTION AS INDICATED.
- H. PROVIDE NEW FIRE ALARM STROBE CIRCUIT(S) FROM NEW FIRE ALARM BOOSTER PANEL TO FIRE ALARM STROBES AND FIRE ALARM BREAKER STROBES IN RENOVATION AREA. PROVIDE ALL NECESSARY ACCESSOIRES TO ENSURE A COMPLETE FUNCTIONAL INSTALLATION.
- I. PROVIDE TYPE 'WM1' SURFACE-MOUNTED WIREMOLD RACEWAY. 1-GANG OUTLET BOX & ACCESSORIES FOR INDICATED SENSOR SWITCH. RUN THE WIREMOLD TO ACCESSIBLE CEILING SPACE VIA THE NEAREST FULL-HEIGHT PARTITION. REFER TO WIREMOLD TYPE SCHEDULE ON THIS DRAWING.

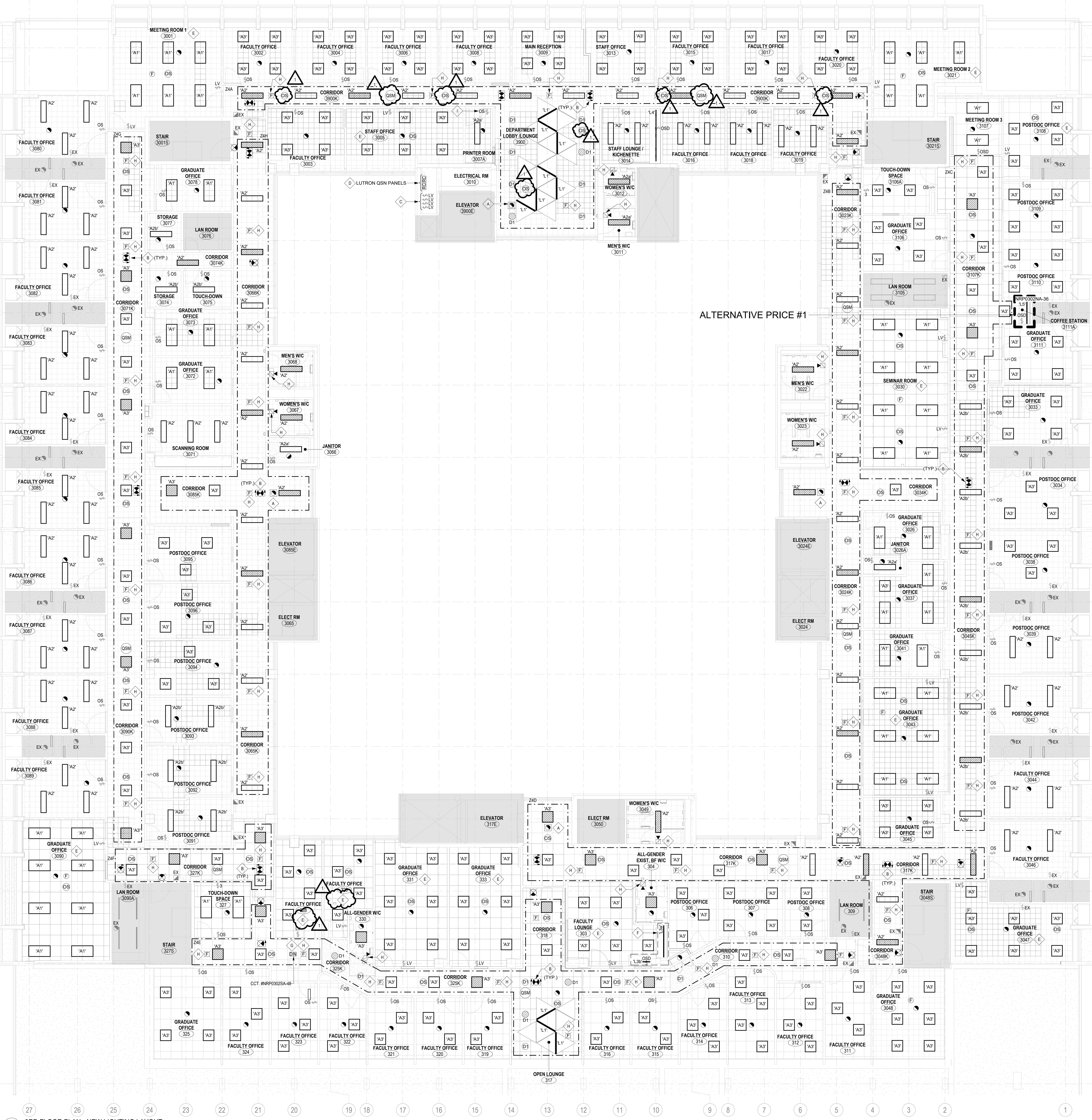
LIGHTING ZONE CIRCUITS - 3RD FLOOR						
RM No.	SWITCH No.	LTG. ZONE	WATTAGE	CIRCUIT No.	LPD (W/m2)	SB-10 LPD (W/m2)
3900	S4A	24A	294	NRP0302NA-34	9.02	10.8
	N/A		252	EX. EMERGENCY LIGHTING CIRCUIT		
3900K	S4A		364	NRP0302NA-34	10.26	7.43
	N/A		56	EX. EMERGENCY LIGHTING CIRCUIT		
3023K	S4B	24B	168	NRP0302NA-36	7.43	8.02
	N/A		54	EX. EMERGENCY LIGHTING CIRCUIT		
3024K	S4B		210	NRP0302NA-36	8.02	3.91
	N/A		54	EX. EMERGENCY LIGHTING CIRCUIT		
3034K	S4B	30	NRP0302NA-36	3.91	6.11	
	N/A	42	EX. EMERGENCY LIGHTING CIRCUIT			
3017K	S4C	24C	162	NRP0302NA-36	6.11	5.83
	N/A		102	EX. EMERGENCY LIGHTING CIRCUIT		
3045K	S4C		210	NRP0302NA-36	5.83	6.44
	N/A		84	EX. EMERGENCY LIGHTING CIRCUIT		
325K	S4D	24D	204	NRP0302NA-38	6.44	9.87
	N/A		174	EX. EMERGENCY LIGHTING CIRCUIT		
3048K	S4D		42	NRP0302NA-38	9.87	7.72
	N/A		42	EX. EMERGENCY LIGHTING CIRCUIT		
310	S4E	24E	118	NRP0302NA-38	7.72	10.8
	N/A		88	EX. EMERGENCY LIGHTING CIRCUIT		
318K	S4E		30	NRP0302NA-38	5.46	8.01
	N/A		30	EX. EMERGENCY LIGHTING CIRCUIT		
325K	S4E	148	NRP0302NA-38	8.01	14.31	
	N/A	118	EX. EMERGENCY LIGHTING CIRCUIT			
317	S4F	24F	168	NRP0302NA-38	14.31	8.16
	N/A		56	EX. EMERGENCY LIGHTING CIRCUIT		
327K	S4F		90	NRP0302NA-38	8.16	5.37
	N/A		60	EX. EMERGENCY LIGHTING CIRCUIT		
3071K	S4G	24G	150	NRP0302NA-38	5.37	6.14
	N/A		90	EX. EMERGENCY LIGHTING CIRCUIT		
3090K	S4G		150	NRP0302NA-38	6.14	7.56
	N/A		90	EX. EMERGENCY LIGHTING CIRCUIT		
3066K	S4H	24H	168	NRP0302NA-40	7.56	4.98
	N/A		126	EX. EMERGENCY LIGHTING CIRCUIT		
3085K	S4H		102	NRP0302NA-40	4.98	5.66
	N/A		72	EX. EMERGENCY LIGHTING CIRCUIT		
3065K	S4H	126	NRP0302NA-40	5.66		
	N/A	84	EX. EMERGENCY LIGHTING CIRCUIT			
TOTAL ALLOWED WATTAGE					4543.24	
TOTAL CONNECTED WATTAGE					4402.00	

- LIGHTING SEQUENCE OF OPERATION - 3RD FLOOR
1. DEFAULT CORRIDOR LIGHTING LEVEL SHALL BE SET TO 80%.
2. LIGHTS SHALL AUTOMATICALLY DIM DOWN TO 20% WHEN THE SPACE HAS BEEN VACANT FOR 20 MINUTES.
3. EMERGENCY LIGHTS SHALL NOT BE CONTROLLED BY THE LIGHTING CONTROL SYSTEM.

ALTERNATIVE PRICE #1

ELECTRICAL CONTRACTOR SHALL PROVIDE THE ITEM BELOW AS AN ALTERNATIVE PRICE

PROVIDE ONE (1) TYPE 'L5' UNDER CABINET LIGHT AND ONE (1) WALL MOUNTED OCCUPANCY SENSOR DIMMER SWITCH AS SPECIFIED AND CONNECT TO CIRCUIT AS NOTED.



REV.	DESCRIPTION	DATE
1	ISSUED FOR ADDENDUM 04	2025-05-21
	ISSUED FOR TENDER	2025-04-22
	ISSUED FOR RFP 03	2025-03-09
	ISSUED FOR PRINT	2025-02-27
	ISSUED FOR CLASS A COSTING	2025-02-18
	ISSUED FOR 10% B.O.	2025-01-23
	ISSUED FOR CLASS B COSTING	2025-01-16
	ISSUED FOR 50% B.O.	2025-11-28
	ISSUED FOR 10% SCHEMATIC DESIGN	2025-09-19
	ISSUED FOR CLASS C COSTING	2025-09-05

KEY PLAN (N/S)

PROJECT TITLE
UNIVERSITY OF TORONTO
**33 URSULA FRANKLIN
MATH OFFICE
RENOVATION**

33 Ursula Franklin Street
THIRD FLOOR PLAN -
NEW LIGHTING LAYOUT