SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ISOLATION TRANSFORMER – DELTA–WYE UNLESS OTHERWISE NOTED.	GFP	GROUND FAULT ALARM RELAY
	ISOLATION TRANSFORMER WITH ELECTROSTATIC SHIELD – DELTA–WYE UNLESS OTHERWISE NOTED.	IPQS	IP BASED POWER QUALITY DIGITAL METER. PROVIDE 21mm(3/4") CONDUIT TO NEAREST TELECOM ROOM.
	MOLDED CASE CIRCUIT BREAKER, SIZE AS SHOWN		EMERGENCY GENERATOR
	LOW VOLTAGE, DRAW–OUT CIRCUIT BREAKER, TRIP PLUG AND FRAME SIZE AS SHOWN		GROUND CONNECTION POINT
	DRAW–OUT VACUUM CIRCUIT BREAKER, PROTECTIVE RELAY FUNCTIONS AND FRAME SIZE AS SHOWN.	GFP	ELECTRONIC TRIP SETTING CONTROL (GROUND FAULT)
	FUSIBLE LOAD BREAK ISOLATION SWITCH. VOLTAGE, FUSE AND FRAME SIZE AS SHOWN.		GROUND LOOP
	FUSE	HRG	HIGH RESISTANCE GROUND FAULT SYSTEM
	INSULATED CASE CIRCUIT BREAKER		LIGHTNING SURGE ARRESTOR
	INTEGRAL BREAKER AND STARTER UNIT, BREAKER AND FRAME SIZE AS SHOWN		LOAD BANK
	INTEGRAL SWITCH AND FUSE UNIT, FUSE AND FRAME SIZE AS SHOWN	LSI	ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT)
	LOAD BREAK ISOLATION SWITCH. VOLTAGE AND FRAME SIZE AS SHOWN.	LSTI	ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS)
	AUTOMATIC TRANSFER SWITCH WITH BY–PASS	LSIG	ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS, GROUND FAULT)
	AUTOMATIC TRANSFER SWITCH WITHOUT BY–PASS		METERING SOCKET
	FIRE PUMP AUTOMATIC TRANSFER SWITCH AND STARTER UNIT (BY OTHERS)		METERING CABINET
	MANUAL TRANSFER SWITCH OR DOUBLE THROW SWITCH	LVM	DIGITAL ELECTRONIC METER
	AMMETER	SPD	SURGE PROTECTION DEVICE
	AUTO–TRANSFORMER		
	BATTERY		
	CONTACTOR		
	CURRENT TRANSFORMER		
	CURRENT TRANSFORMER (Z.S. – DENOTES ZERO SEQUENCE)		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

5 E–0.1 SINGLE LINE DIAGRAM 1 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ACCESS CONTROL		
ACP	ACCESS CONTROL SYSTEM PANEL	KS	KEY SWITCH
ACSS	ACCESS CONTROL SYSTEM SERVER	LBM	LATCH BOLT MONITOR
ADO	AUTOMATIC DOOR OPERATOR	LRQ	LATCH BOLT MONITOR REQUEST TO EXIT
BR	BIOMETRIC READER	MKR	MAGLOCK KEY RESET SWITCH
CR	CARD READER	MHK	MAGNETIC DOOR HOLD/OPEN DEVICE
CMS	CENTRAL MANAGEMENT STATION	ML	MAGNETIC LOCK
DA	DOOR ALARM	MRQ	MOTION REQUEST TO EXIT
DC	DOOR CONTACT	PSCU	POWER SUPPLY CONTROL UNIT
EHC	ELECTRIC DOOR HOLD/OPEN DEVICE		PUSH BUTTON DOOR OPERATOR
ELR	ELECTRIC LATCH RETRACTION	PRX	PUSH BUTTON REQUEST TO EXIT
EM	ELECTRIC MORTISE LOCK	RR	REMOTE RELEASE
ES	ELECTRIC STRIKE	RFN	RF NODE
GTW	GATEWAY	RFR	RF RECEIVER
IDC	IP DOOR CONTROLLER	XX	SECURITY DOOR TAG. XX DENOTES TYPE
KEN	KEY ENCODER	WL	WIRELESS LOCK
	REAL TIME LOCATING SYSTEM (RTLS)		
LFE	LOW FREQUENCY EXCITER	RFM	RF READER MASTER
IRR	INFRARED READER	RFR	RF READER
RDU	REMOTE DISPLAY UNIT	RFE	RF ETHERNET READER
LAR	LOCAL AREA RECEIVER	RFLR	RF LONG RANGE READER

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

6 E–0.1 SECURITY LEGEND 1 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WALL MOUNTED DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R		WALL MOUNTED COMBINATION COMMS./ QUADPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R. REFER TO DETAIL.
	WALL MOUNTED ABOVE COUNTER DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R		FLOOR OR CEILING MOUNTED (AS SHOWN) COMBINATION COMMUNICATION / QUADPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R. REFER TO CORRESPONDING DETAIL.
	WALL MOUNTED DUPLEX RECEPTACLE 120 VOLT, 20 AMP, CSA 5–20R (T–SLOT)		
	WALL MOUNTED ABOVE COUNTER DUPLEX RECEPTACLE 120 VOLT, 20 AMP, CSA 5–20R (T–SLOT)		FLOOR POKE THROUGH COMBINATION COMMUNICATION / QUADPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R. REFER TO CORRESPONDING DETAIL.
	WALL MOUNTED DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R, DEDICATED CIRCUIT		
	WALL MOUNTED DUPLEX RECEPTACLE 120 VOLT, 20 AMP, CSA 5–20R, DEDICATED CIRCUIT		FLOOR POKE THROUGH AS ABOVE WITH AUDIO/VISUAL REQUIREMENT. REFER TO DETAIL.
	WALL MOUNTED, SPLIT SWITCH CONTROLLED DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R		WALL MOUNTED COMBINATION COMMS./ DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R. REFER TO DETAIL.
	WALL MOUNTED DUPLEX GROUND FAULT RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R		FLOOR OR CEILING MOUNTED (AS SHOWN) COMBINATION COMMUNICATION / DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R. REFER TO CORRESPONDING DETAIL.
	WALL MOUNTED ABOVE COUNTER DUPLEX GROUND FAULT RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R		
	WALL MOUNTED DUPLEX GROUND FAULT RECEPTACLE 120 VOLT, 20 AMP CSA 5–20R		FLOOR POKE THROUGH COMBINATION COMMUNICATION / DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R. REFER TO CORRESPONDING DETAIL.
	WALL MOUNTED ABOVE COUNTER DUPLEX GROUND FAULT RECEPTACLE 120 VOLT, 20 AMP CSA 5–20R		
	WALL MOUNTED QUADPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R		FLOOR POKE THROUGH AS ABOVE WITH AUDIO/VISUAL REQUIREMENT. REFER TO DETAIL.
	WALL MOUNTED DUPLEX RECEPTACLE 120 VOLT, 15 AMP, 2 POLE, SPLIT CIRCUIT		SYSTEMS FURNITURE FEED POINT FOR POWER & COMMS. CABLING. LETTER DENOTES FEED LOCATION: W= WALL, F= FLOOR, P= PAC POLE, WM = WIREMOLD
	WALL MOUNTED ABOVE COUNTER DUPLEX RECEPTACLE 120 VOLT, 15 AMP, 2 POLE, SPLIT CIRCUIT		
	WALL MOUNTED SIMPLEX RECEPTACLE 250 VOLT, 15 AMP, 3# CSA 15–15R		CEILING MOUNTED DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R
	SPECIAL RECEPTACLE, TYPE AND DETAILS AS NOTED ON DRAWING.		CEILING MOUNTED SIMPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R
	WALL MOUNTED ABOVE COUNTER SIMPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R		CEILING MOUNTED QUADPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R
	WALL MOUNTED SIMPLEX RECEPTACLE 120 VOLT, 20 AMP, CSA 5–20R		FLOOR MOUNTED DUPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R
	WALL MOUNTED SIMPLEX RECEPTACLE 250 VOLT, 30 AMP, CSA 14–30R		FLOOR MOUNTED QUADPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5–15R
	WALL MOUNTED SIMPLEX RECEPTACLE 120 VOLT, 30 AMP, CSA 5–30R		RACEWAY RECEPTACLE, TYPE AS SPECIFIED C/W QUANTITY OF DEVICES INDICATED
	WALL MOUNTED SIMPLEX RECEPTACLE 250 VOLT, 50 AMP, CSA 14–50R		SERVICE POLE, TYPE AS SPECIFIED C/W QUANTITY OF DEVICES INDICATED

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

3 E–0.1 POWER LEGEND 1 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLUSH MOUNTED SINGLE TUB PANEL. RATING AS NOTED ON SINGLE LINE/PANEL SCHEDULE.		CONTACTOR
	FLUSH MOUNTED DOUBLE TUB PANEL RATING AS NOTED ON SINGLE LINE/PANEL SCHEDULE.		GROUND ROD WITH INSPECTION PIT
	SURFACE MOUNTED SINGLE TUB PANEL. RATING AS NOTED ON SINGLE LINE/PANEL SCHEDULE.		THERMOSTAT–16mm (1/2") CONDUIT TO ACCESSIBLE CEILING SPACE
	SURFACE MOUNTED DOUBLE TUB PANEL. RATING AS NOTED ON SINGLE LINE/PANEL SCHEDULE.	JB	JUNCTION BOX (SIZE SPECIFIED ON DRAWING)
	TRANSFORMER (SIZE NOTED ON SINGLE LINE DIAGRAM)		ELECTRIC UNIT HEATER
	DISCONNECT		ELECTRIC BASEBOARD HEATER. 'X' DENOTES TYPE. REFER TO BASEBOARD HEATER SCHEDULE.
	COMBINATION MANUAL STARTER WITH INTEGRAL DISCONNECT		GROUND BAR
	COMBINATION STARTER WITH INTEGRAL DISCONNECT	HD	HAND DRYER HARD WIRED CONNECTION
	DIRECT CONNECTION	M	METER
	DIRECT CONNECTION C/W DISCONNECT	R	RELAY
	MOTOR C/W DISCONNECT	PB	PULL BOX
HD	MOTOR C/W RELAY DISCONNECT DISCONNECT		GROUND BUS
	MOTOR C/W COMBINATION STARTER WITH INTEGRAL DISCONNECT		DENOTES RECEPTACLE TYPE. REFER TO RECEPTACLE SCHEDULE.
HF VFD	VARIABLE FREQUENCY DRIVE AND VFD CABLE CONNECTION TO MOTOR. LINE AND LOAD SIDE WIRING OF HARMONIC FILTER AND VFD BY ELECTRICAL CONTRACTOR. MOTOR, VFD AND HARMONIC FILTER SUPPLIED BY MECHANICAL DIVISION.		UTILITY METERING CABINET
			DOOR BELL/CHIME
			CLOCK WALL MOUNTED
VFD	VARIABLE FREQUENCY DRIVE, LINE AND LOAD SIDE WIRING OF HARMONIC FILTER AND VFD BY ELECTRICAL CONTRACTOR. LOAD SIDE WIRING OF VFD TO BE VFD CABLE. VFD AND HARMONIC FILTER SUPPLIED BY MECHANICAL DIVISION.		CLOCK CEILING MOUNTED
			PUSH BUTTON
			MOTOR
HF	HARMONIC FILTER (SUPPLIED BY MECH. CONTRACTOR UNLESS NOTED OTHERWISE.) LINE AND LOAD SIDE WIRING OF HARMONIC FILTER BY ELECTRICAL CONTRACTOR.		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

4 E–0.1 POWER LEGEND 2 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING MOUNTED LINEAR LUMINAIRE. DIMENSIONS AS SHOWN. REFER TO SCHEDULE FOR TYPE.		CEILING MOUNTED WALL WASHER LUMINAIRE. ILLUMINATION DIRECTION DENOTED BY HATCHED SIDE.
	DENOTES FIXTURE ON EMERGENCY/NIGHT LIGHT CIRCUIT.		CEILING MOUNTED TRACK LIGHTING C/W NUMBER OF FIXTURES.
	WALL MOUNTED LINEAR LUMINAIRE. DIMENSIONS AS SHOWN. REFER TO SCHEDULE FOR TYPE.		WALL MOUNTED LUMINAIRE
	CEILING MTD. LUMINAIRE OR BASKET LUMINAIRE. LAMP ORIENTATION AS SHOWN. REFER TO SCHEDULE FOR TYPE.		PENDANT FIXTURE
	EXISTING LUMINAIRE TO BE REMOVED		CEILING MOUNTED LUMINAIRE
	EXISTING LUMINAIRE TO REMAIN		FLOOR MOUNTED LUMINAIRE
	POLE MOUNTED LUMINAIRE. NUMBER OF HEADS SHOWN. REFER TO SCHEDULE FOR FIXTURE AND POLE TYPE.		TRACK LIGHT WITH PENDANT LUMINAIRE AS INDICATED
	CEILING MOUNTED LUMINAIRE WITH GIMBALLED HEADS. REFER TO SCHEDULE FOR TYPE AND NUMBER OF HEADS.		BOLLARD LUMINAIRE
	VERTICAL WALL MOUNTED FLUORESCENT LUMINAIRE		
	CONTINUOUS STRIP LIGHT. REFER TO SCHEDULE FOR FIXTURE TYPE.		
	STAGGERED COVE LIGHT. DIMENSIONS AND NUMBER OF FIXTURES SHOWN. REFER TO SCHEDULE FOR FIXTURE TYPE.		
	RECESSED CEILING MOUNTED REMOTE ADJUSTABLE LUMINAIRE CONNECTED TO EMERGENCY LIGHTING BATTERY UNIT.		EMERGENCY LIGHTING BATTERY UNIT C/W NUMBER OF HEADS SHOWN
	WALL MOUNTED EMERGENCY SINGLE REMOTE HEAD		EMERGENCY LIGHTING BATTERY UNIT
	WALL MOUNTED EMERGENCY DOUBLE REMOTE HEAD		EMERGENCY LIGHTING BATTERY + EXIT LIGHT COMBINATION UNIT C/W NUMBER OF HEADS SHOWN
	CEILING MOUNTED EMERGENCY SINGLE REMOTE HEAD		EXIT LIGHT CEILING MOUNTED C/W FACES AND ARROWS AS INDICATED
	CEILING MOUNTED EMERGENCY DOUBLE REMOTE HEAD		EXIT LIGHT WALL MOUNTED C/W FACES AND ARROWS AS INDICATED

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

1 E–0.1 LIGHTING LEGEND 1 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
$	SINGLE POLE LINE VOLTAGE LIGHT SWITCH		
$2	2 GANG – LINE VOLTAGE LIGHT SWITCH		
$3	3 GANG – LINE VOLTAGE LIGHT SWITCH		
$3	3 WAY – LINE VOLTAGE LIGHT SWITCH		
$4	4 WAY – LINE VOLTAGE LIGHT SWITCH		
$LV	LOW VOLTAGE LIGHT SWITCH		
$K	KEY OPERATED LINE VOLTAGE SWITCH		
$MS	MASTER SWITCH		
$AO	ALL–OFF SWITCH		
$	SINGLE POLE 347V SWITCH		
D	DIMMER TYPE TO SUIT LOAD		
PC	CEILING MOUNTED PHOTO CELL SWITCH		
PC	WALL MOUNTED PHOTO CELL SWITCH		
DL	DAY LIGHT PHOTO SENSOR		
	TIME SWITCH		
OS 'X'	CEILING MOUNTED OCCUPANCY SENSOR. TYPE DENOTED BY 'X'. REFER TO OCCUPANCY SENSOR SCHEDULE.		
OS 'X'	WALL MOUNTED OCCUPANCY SENSOR. TYPE DENOTED BY 'X'. REFER TO OCCUPANCY SENSOR SCHEDULE.		
LC	LIGHTING CONTROL MODULE		
DIM	MULTI–ZONE LIGHTING CONTROL PANEL		
RS	REMOTE STATION WITH PRESET SCENE SELECTION BUTTON		
IR	PARTITION POSITION INFRARED SENSOR FOR LIGHTING CONTROL		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

2 E–0.1 LIGHTING LEGEND 2 OF 2

ELECTRICAL DRAWING LIST

DRAWING No.	DRAWING NAME
TE–0.1	DRAWING LIST AND LEGEND
TE–0.2	ELECTRICAL DETAILS
TE–0.3	ELECTRICAL DETAILS
TE–0.4	ELECTRICAL DETAILS
TE–4.1A	4TH FLOOR LIGHTING AND FIRE ALARM LAYOUT (PART A)
TE–4.1B	4TH FLOOR LIGHTING AND FIRE ALARM LAYOUT (PART B)
TE–4.1C	4TH FLOOR LIGHTING AND FIRE ALARM LAYOUT (PART C)
TE–4.2A	4TH FLOOR POWER AND SYSTEMS LAYOUT (PART A)
TE–4.2B	4TH FLOOR POWER AND SYSTEMS LAYOUT (PART B)
TE–4.2C	4TH FLOOR POWER AND SYSTEMS LAYOUT (PART C)
TE–4.3A	4TH FLOOR LIGHTING AND FIRE ALARM DEMOLITION LAYOUT (PART A)
TE–4.3B	4TH FLOOR LIGHTING AND FIRE ALARM DEMOLITION LAYOUT (PART B)
TE–4.3C	4TH FLOOR LIGHTING AND FIRE ALARM DEMOLITION LAYOUT (PART C)
TE–4.4A	4TH FLOOR POWER AND SYSTEMS DEMOLITION LAYOUT (PART A)
TE–4.4B	4TH FLOOR POWER AND SYSTEMS DEMOLITION LAYOUT (PART B)
TE–4.4C	4TH FLOOR POWER AND SYSTEMS DEMOLITION LAYOUT (PART C)
TE–4.5	4TH FLOOR WASHROOMS LIGHTING & FIRE ALARM LAYOUT
TE–4.6	4TH FLOOR WASHROOMS POWER & SYSTEMS LAYOUT
TE–4.7	4TH FLOOR WASHROOMS LIGHTING & FIRE ALARM DEMOLITION LAYOUT
TE–4.8	4TH FLOOR WASHROOMS LIGHTING & FIRE ALARM DEMOLITION LAYOUT

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGNALING DEVICES		
	HORN		CEILING MOUNTED EMERGENCY EVACUATION SPEAKER
	DOUBLE SIDED HORN		WALL MOUNTED EMERGENCY EVACUATION SPEAKER
	HORN+STROBE COMBINATION. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.		CEILING MOUNTED EMERGENCY EVACUATION SPEAKER + STROBE COMBINATION. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.
	DOUBLE SIDED HORN+STROBE COMBINATION. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.		
	MINI HORN		WALL MOUNTED EMERGENCY EVACUATION SPEAKER + STROBE COMBINATION. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.
	SPEAKER HORN		
	FIRE ALARM BELL, 103mm(4") UNLESS OTHERWISE NOTED.		CEILING MOUNTED FIRE ALARM STROBE. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.
	FIRE ALARM BELL/STROBE. 103mm(4") BELL UNLESS OTHERWISE NOTED. 15CD INTENSITY UNLESS OTHERWISE NOTED.		WALL MOUNTED FIRE ALARM STROBE. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.
	CEILING MOUNTED PHOTO–ELECTRIC SMOKE DETECTOR	SS	10 MINUTES SILENCE SWITCH FOR SPEAKERS IN SUITES
SA	LOCAL 120V SMOKE ALARM		FIRE ALARM PANEL. CONTROL, DGP OR ANNUNCIATOR AS NOTED.
CO/SA	LOCAL 120V COMBINATION CARBON MONOXIDE AND SMOKE ALARM		MANUAL PULL STATION
CO	LOCAL 120V CARBON MONOXIDE DETECTOR		
SA	LOCAL 120V COMBINATION STROBE AND SMOKE ALARM		
	DUCT TYPE PHOTO–ELECTRIC SMOKE DETECTOR		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

1 E–0.1 LIGHTING LEGEND 2 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
6 / E–01	DETAIL NUMBER / DRAWING NUMBER	12 / E–01	SECTION NUMBER / DRAWING NUMBER
4	REVISION NUMBER		REVISION BUBBLE
A	AMPS	MO	MOTOR OPERATED
AD	ACCESS DOOR	MOD	MOTOR OPERATED DAMPER
AFCI	ARC FAULT CIRCUIT INTERRUPTER	MW	MICROWAVE
AFF	ABOVE FINISHED FLOOR	N	NEW
BBH	BASEBOARD HEATER	NC	NORMALLY CLOSED
BU	BATTERY UNIT	NIC	NOT IN CONTRACT
C	CONDUIT	NL	NIGHT LIGHT
CD	CANDELA	NO	NORMALLY OPEN
CL	CEILING MOUNTED	OC	OVER COUNTER
CS	CHARGING STATION	OL	OBSTRUCTION LIGHT
CV	CONVENTIONAL STYLE DEVICE	P	PARABOLIC LOUVRE
D	DEDICATED	PL	PATIENT LIFT
DG	DEDICATED GROUND	R	RELOCATE
DHWT	DOMESTIC HOT WATER TANK	RA	RANGE
DNC	DEDICATED NEUTRAL + BOND	RC	REVISE EXISTING CIRCUIT
DR	LAUNDRY DRYER	RH	RANGE HOOD
DW	DISHWASHER	RIC	ROUGH IN AND CONNECT
E	EXISTING	RO	ROUGH IN ONLY
EF	EXHAUST FAN	RR	REMOVE AND REINSTALL
EM	EMERGENCY CIRCUIT	SC	SEPARATE CIRCUIT
EP	ELECTRICAL SUITE PANEL	SF	SYSTEM FURNITURE
ER	EXISTING TO BE REMOVED	SP	SUITE ALARM PANEL
F	REFRIGERATOR	SSP	SLAVE SUITE ALARM PANEL
FF	FLOOR FEED	TYP	TYPICAL
FFH	FORCE FLOW HEATER	UC	UNDER CABINET MOUNTED
FL	FLOOR MOUNTED	U	UPS CIRCUIT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UH	UNIT HEATER
GFI	GROUND FAULT INTERRUPTER	UPS	UNINTERRUPTIBLE POWER SUPPLY
GND	GROUND	V	VOLTS
HK	HOUSE KEEPING	W	WATTS
HMT	HARMONIC MITIGATING TRANSFORMER	WG	WIRE GUARD
ICE	ICE MACHINE	WAP	WIRELESS ACCESS POINT
IG	ISOLATED GROUND	WF	WALL FEED
JB	JUNCTION BOX	WP	WEATHERPROOF
KW	KILOWATTS	X	EXPLOSION PROOF DEVICE + BACK BOX
LV	LOW VOLTAGE	ZSCT	ZERO SEQUENCE CURRENT TRANSFORMER

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

1 E–0.1 GENERAL AND SYMBOLS AND ABBREVIATIONS

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SUBMISSION	DATE	DESCRIPTION
1	2022–03–14	ISSUED FOR 60% REVIEW
2	2022–04–27	ISSUED FOR 80% REVIEW
3	2022–05–31	ISSUED FOR 97% REVIEW
4	2022–06–13	ISSUED FOR TENDER

PROJECT CONTACT

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THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MECHANICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

STAMP:

NORTH:

ENGINEER:

Smith + Andersen
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416 487 8151 f 416 487 8124 smithandandersen.com

PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

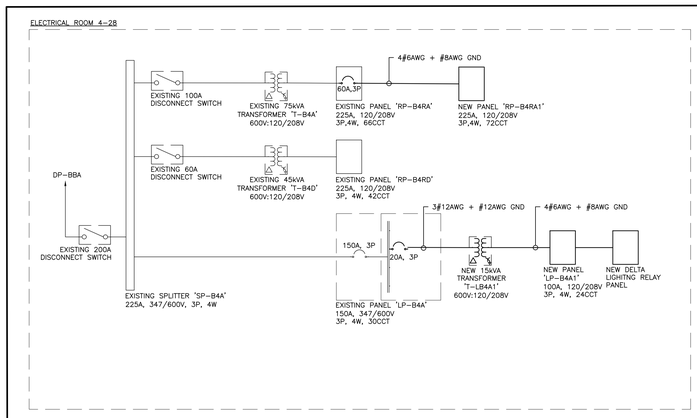
SCALE: NTS

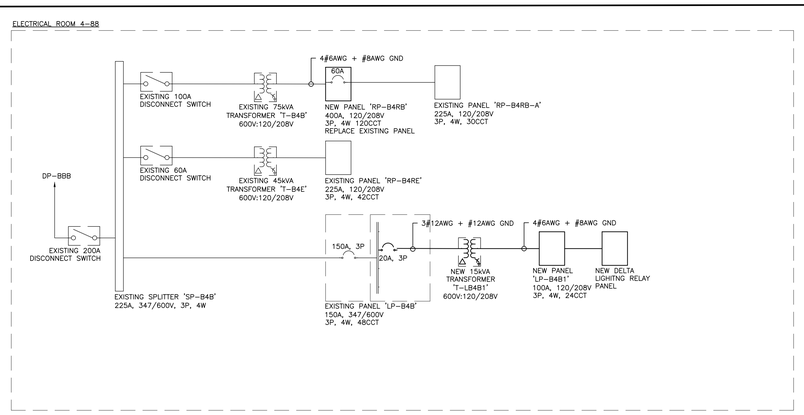
DRAWN BY: CH

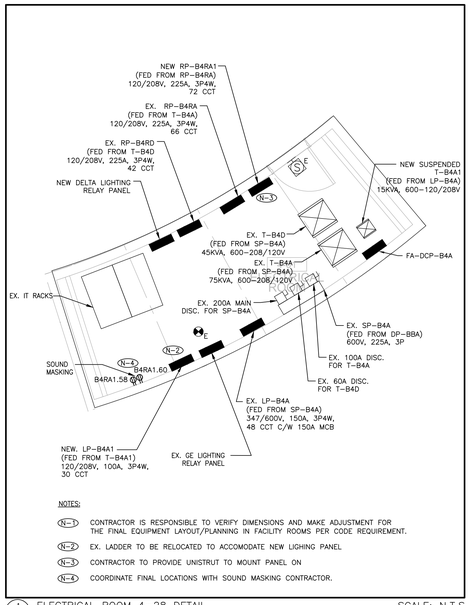
REVIEWED BY: NC

SHEET TITLE:
ELECTRICAL DRAWING LIST & LEGEND

SHEET NUMBER:
TE–0.1







NOTES:

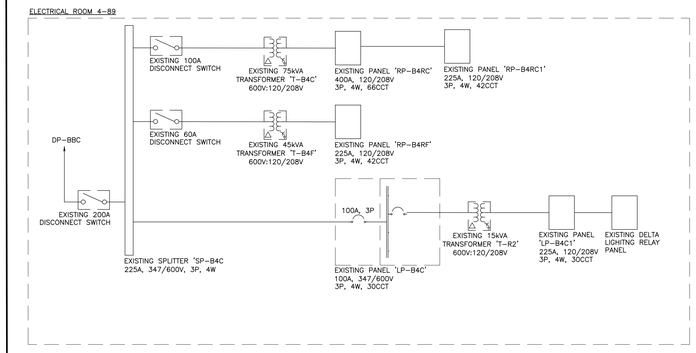
N-1 CONTRACTOR IS RESPONSIBLE TO VERIFY DIMENSIONS AND MAKE ADJUSTMENT FOR THE FINAL EQUIPMENT LAYOUT/PLANNING IN FACILITY ROOMS PER CODE REQUIREMENT.

N-2 EX. LADDER TO BE RELOCATED TO ACCOMODATE NEW LIGHING PANEL

N-3 CONTRACTOR TO PROVIDE UNISTRUT TO MOUNT PANEL ON

N-4 COORDINATE FINAL LOCATIONS WITH SOUND MASKING CONTRACTOR.

1 / E-0.2 ELECTRICAL ROOM 4-28 DETAIL SCALE: N.T.S



LEGEND

EXISTING TO BE REMOVED

EXISTING TO REMAIN

NEW EQUIPMENT

NOTES

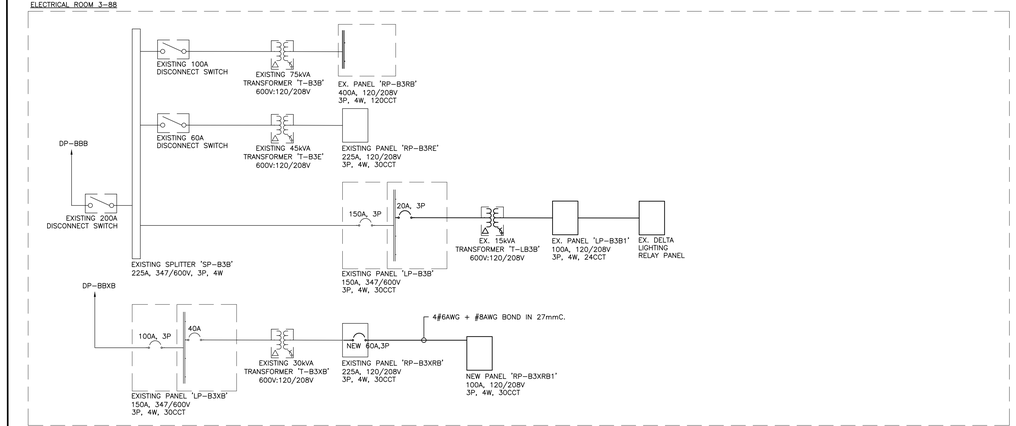
N-1 MINIMUM SIZE CONDUITS SHALL BE 21mmC (3/4") UNLESS OTHERWISE NOTED.

N-2 ALLOW FOR SCANNING, CORE DRILLING AND FIRE STOPPING FOR ALL CEILING/FLOOR/WALL PENETRATIONS. ALLOW FOR ALL ASSOCIATED COSTS.

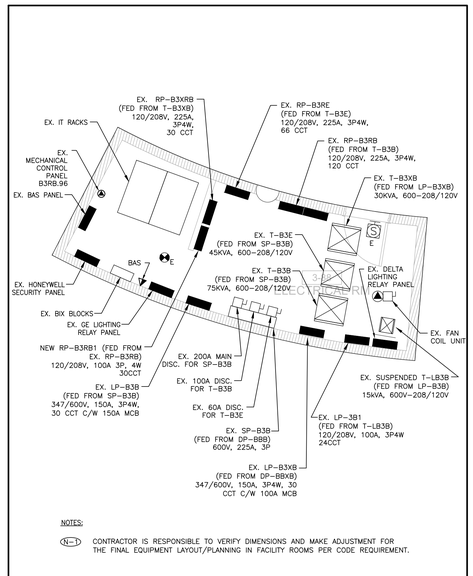
N-3 REPLACE EXISTING PANELS 'RP-B4RA' AND 'RP-B4RB' WITH NEW PANELS C/W CIRCUIT BREAKERS. CONNECT THE NEW PANELS TO EXISTING FEEDERS. TRACE AND CONFIRM EXISTING CIRCUITS FOR EXISTING LOAD WHICH ARE MEANT TO REMAIN AND RECONNECT TO NEW PANEL.

N-4 PROVIDE YORK REGION PM 48 HOURS NOTICE PRIOR TO THE REMOVAL OF THE OLD PANELS INCLUDING BREAKERS. RETURN ALL OLD BREAKERS TO THE REGION WITH A SIGNED TRANSMITTAL OTHERWISE THE ELECTRICAL CONTRACTOR WILL NEED TO COMPENSATE THE REGION FOR THE LOST BREAKERS. THE SIGNED TRANSMITTAL MUST CONTAIN THE SIGNATURE OF YORK REGION PM, GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR, AND BUILDING OPERATOR.

N-5 CIRCUIT NUMBERS CONTINUED FROM RP-B4XRC.



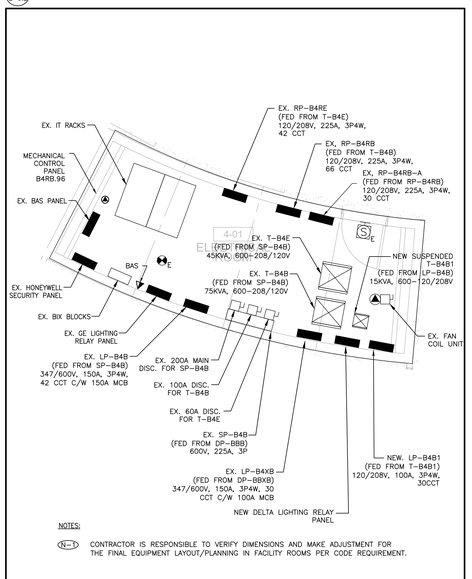
7 / E-0.2 SINGLE LINE DIAGRAM



NOTES:

N-1 CONTRACTOR IS RESPONSIBLE TO VERIFY DIMENSIONS AND MAKE ADJUSTMENT FOR THE FINAL EQUIPMENT LAYOUT/PLANNING IN FACILITY ROOMS PER CODE REQUIREMENT.

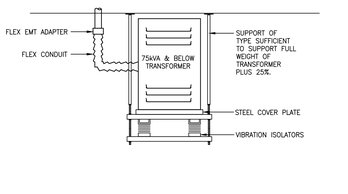
4 / E-0.2 ELECTRICAL ROOM 3-88 DETAIL SCALE: N.T.S



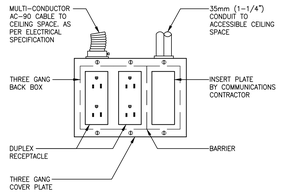
NOTES:

N-1 CONTRACTOR IS RESPONSIBLE TO VERIFY DIMENSIONS AND MAKE ADJUSTMENT FOR THE FINAL EQUIPMENT LAYOUT/PLANNING IN FACILITY ROOMS PER CODE REQUIREMENT.

2 / E-0.2 ELECTRICAL ROOM 4-88 DETAIL SCALE: N.T.S



8 / E-0.2 TRANSFORMER INSTALLATION DETAIL SCALE: N.T.S



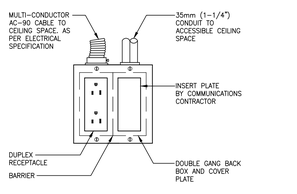
NOTES:

N-1 PROVIDE CONNECTOR, C/W NYLON BUSHINGS FOR CONDUIT TERMINATIONS WITHIN ACCESSIBLE CEILING SPACE.

N-2 PROVIDE PULL STRINGS IN ALL EMPTY CONDUIT.

N-3 COVER PLATES BY ELECTRICAL CONTRACTOR.

6 / E-0.2 POWER AND COMMUNICATION OUTLETS SCALE: N.T.S



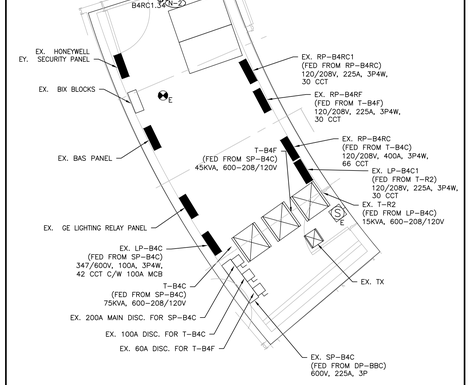
NOTES:

N-1 PROVIDE CONNECTOR, C/W NYLON BUSHINGS FOR CONDUIT TERMINATIONS WITHIN ACCESSIBLE CEILING SPACE.

N-2 PROVIDE PULL STRINGS IN ALL EMPTY CONDUIT.

N-3 COVER PLATES BY ELECTRICAL CONTRACTOR.

5 / E-0.2 POWER AND COMMUNICATION OUTLETS SCALE: N.T.S



NOTES:

N-1 CONTRACTOR IS RESPONSIBLE TO VERIFY DIMENSIONS AND MAKE ADJUSTMENT FOR THE FINAL EQUIPMENT LAYOUT/PLANNING IN FACILITY ROOMS PER CODE REQUIREMENT.

N-2 COORDINATE FINAL LOCATIONS WITH SOUND MASKING CONTRACTOR.

3 / E-0.2 ELECTRICAL ROOM 4-89 DETAIL SCALE: N.T.S

G.Bruce Stratton Architects

217 Richmond Street West, Suite 300
Toronto Ontario M5V 1W2
telephone: 416.351.8145
facsimile: 416.351.8146

SUBMISSION	DATE	DESCRIPTION
1	2022-03-14	ISSUED FOR 60% REVIEW
2	2022-04-27	ISSUED FOR 80% REVIEW
3	2022-05-31	ISSUED FOR 97% REVIEW
4	2022-06-13	ISSUED FOR TENDER

PROJECT CONTACT

NAME: COLIN HODDER
TEL: 416-487-8151
EMAIL: Colin.Hodder@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MECHANICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

STAMP:

NORTH:

ENGINEER:

Smith + Andersen

1100 – 100 Shepperd Ave. East, Toronto On, M2N 6N5
416 487 8151 T 416 487 9104 smithandandersen.com

PROJECT:

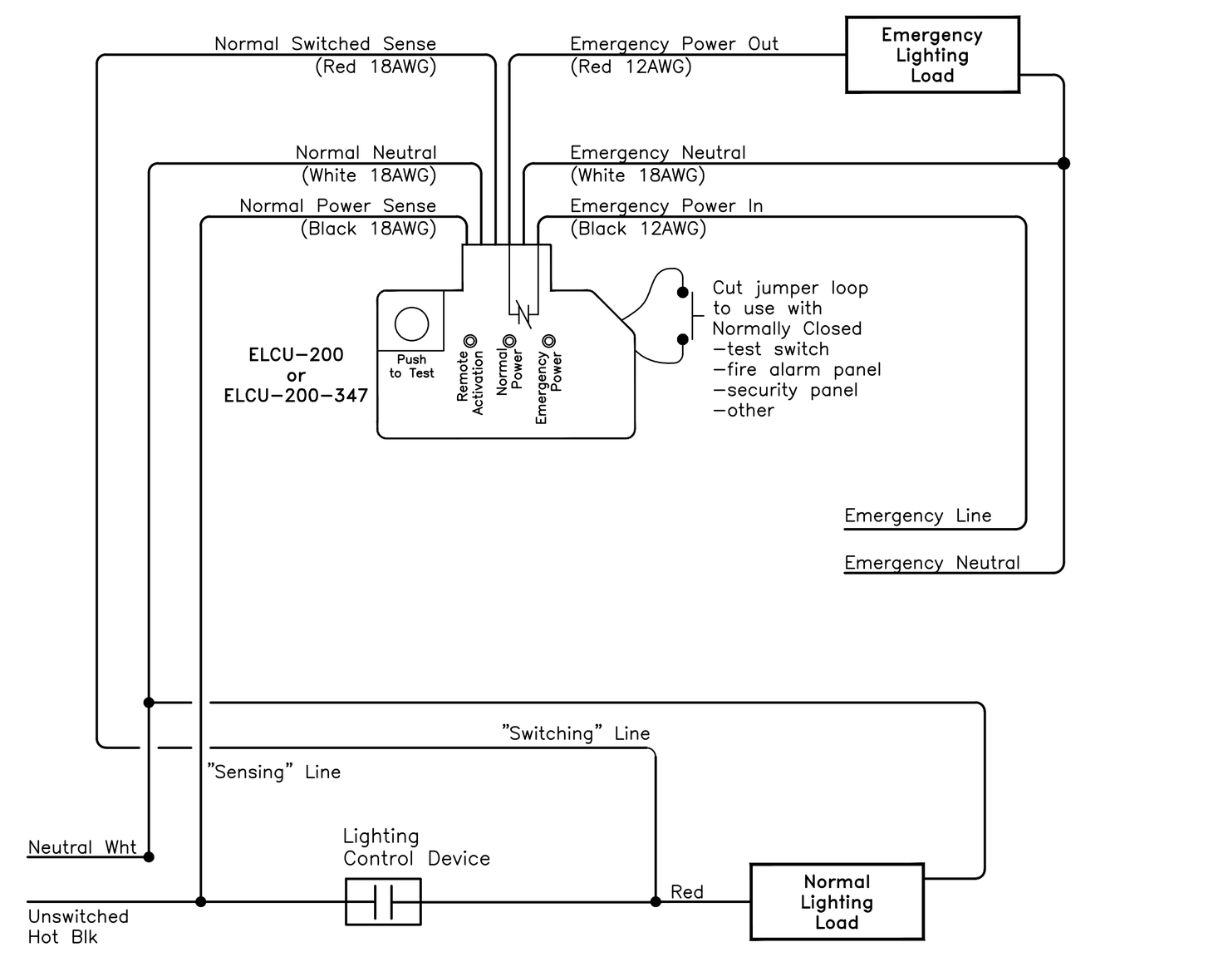
YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

SCALE:	NTS
DRAWN BY:	CH
REVIEWED BY:	NC

SHEET TITLE:
ELECTRICAL DETAILS

SHEET NUMBER:
TE-0.2



NOTES:

(N-1) ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL UL924 LISTED EMERGENCY LIGHTING CONTROL UNIT (ELCU) TO BE MODEL WATTSTOPPER ELCU-200 (ELCU-200-347 FOR 347V INPUT) OR APPROVED EQUAL. UPON LOSS OF NORMAL POWER UNIT SHALL TURN ON LIGHT FIXTURES ON EMERGENCY CIRCUIT TO FULL BRIGHTNESS.

(N-2) TEST SWITCHES ON FACE OF INDIVIDUAL ELCU UNITS OPERATE ONLY INDIVIDUAL UNITS. REMOTE INPUTS (FIRE ALARM, TEST, ETC.) WHERE IDENTIFIED ON THE DRAWINGS ARE TO OPERATE ALL ELCU UNITS WIRED IN PARALLEL.

(N-3) PROVIDE MAIN FIRE ALARM TIE-IN CONNECTION TO REMOTE INPUT. UPON ACTIVATION OF FIRE ALARM, SWITCHES/OCCUPANCY SENSORS TO BE BYPASSED AND ALL EMERGENCY LIGHTING TO TURN ON FULL BRIGHT.

(N-4) REFER TO PLANS FOR QUANTITIES AND LOCATIONS OF EMERGENCY LIGHTING FIXTURES TO HAVE ON/OFF CONTROL. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT WIRING REQUIREMENTS WITH MANUFACTURER.

10/E-0.3 EMERGENCY SHUNT UNIT FOR EMERGENCY LIGHT FIXTURES — SCALE: N.T.S

OCCUPANCY SENSOR SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER/CATALOGUE NO.
OS	DUAL TECHNOLOGY LINE VOLTAGE CEILING OCCUPANCY SENSOR.	WATTSTOPPER CAT# DT-355 OR EQUIVALENT
OS A	DUAL TECHNOLOGY LOW VOLTAGE CEILING OCCUPANCY SENSOR C/W POWER PACK BZ-250.	WATTSTOPPER CAT# DT-300 OR EQUIVALENT
OS	DUAL TECHNOLOGY LINE VOLTAGE WALL OCCUPANCY SENSOR.	WATTSTOPPER CAT# DSW-301 OR EQUIVALENT
D	WALL MOUNTED 0-10V DIMMER SWITCH	WATTSTOPPER CAT# DCLV2 OR EQUIVALENT

7/E-0.3 LIGHTING CONTROL SCHEDULE — SCALE: N.T.S

LUMINAIRE SCHEDULE

TYPE	LAMP TYPE	VOLTAGE	DESCRIPTION	MANUFACTURER/CATALOGUE NO.
L1	LED 30.2W 4000K 1500 LM	120V	LINEAR RECESSED 1'X4' FLAT PANEL LED FIXTURE. 0-10V DIMMING DRIVER, REMOTE DIMMING DRIVER, INTEGRAL DIMMING DRIVER, REMOTE DRIVER, INTEGRAL DRIVER	DAY-BRITE FLUXPANEL LED GEN2: 1FPZ38B840-4-DS-UNV-DIM-SWZCSRM (N-4)
L2	LED 14.3W 4000K	120V	4" DOWNLIGHT, 0-10V DIMMING	PRESCOLITE - LITEFRAME CAT#: LF4LEDG4-4LFLED5G440KWT
L3	LED 11W 4000K	347V	6" LED RECESSED DOWNLIGHT, 0-10V DIMMING, 347 STEP-DOWN TRANSFORMER C/W MOUNTING HARDWARE & ACCESSORIES REQUIRED.	EATON - PORTFOLIO CAT#: LDRT6B-10-3-D010, EU6B-1020-80-40, 6LB-S C/W 347 STEP-DOWN TRANSFORMER
L4	LED 4W/FT 4000K	120V	LED STRIP LIGHT C/W MOUNTING HARDWARE & ACCESSORIES REQUIRED. (EXACT LENGTH TO BE CONFIRMED WITH ARCHITECT)	SGI CAT#: NEON-P-MULTRA-24VDC-WHT-4000K-E-CST, C/W 24V REMOTE DRIVER FOR STRIP LIGHT C/W REMOTE 347-120V, 1ϕ STEP DOWN TRANSFORMER
L5	LED 9W 4000K	120V	4" DOWNLIGHT, 0-10V DIMMING	ALPHABET NU4 CAT#: NU4-RDSTUD-SW-07LM-40K-80-UNV-DIM10-STD-WH-MC
L6	LED 40W 4000K	120V	LINEAR RECESSED 1'X4' FLAT PANEL LED FIXTURE, 4076 LUMENS, 85 CRI	ORACLE LIGHTING: CAT#: 14-FPL1-LED-4000L-DIM10-MVOLT-40K-85
EXIT SIGNS	LED	120V	EDGE-LIT LED 'GREEN RUNNING MAN' PICTOGRAM SIGN.	BEGHELLI CAT#: GD-RM-L-RC-1-0LR-120/347V-UDC C/W ALL MOUNTING ACCESSORIES

NOTES

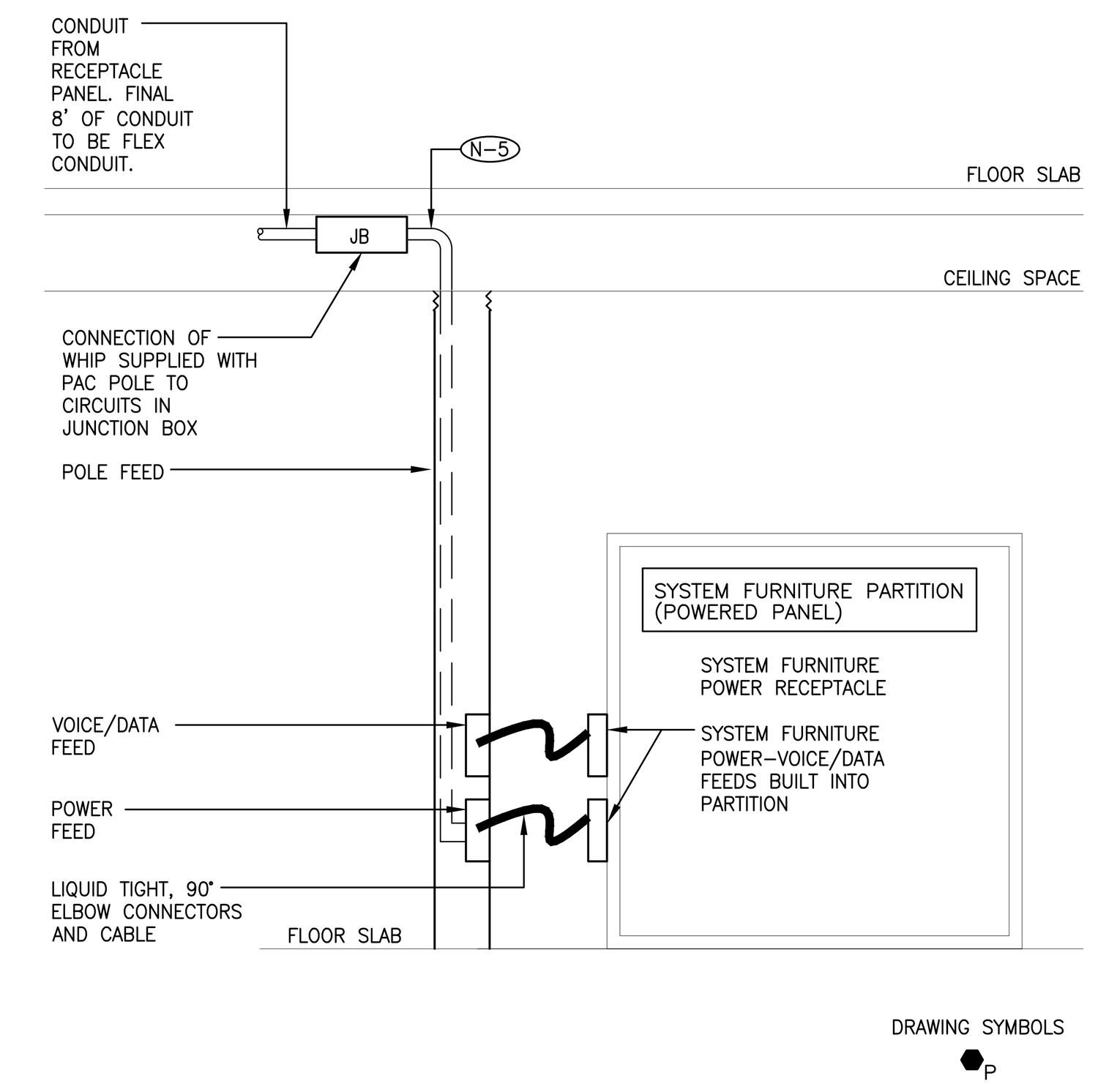
(N-1) ALL FIXTURES SHALL BE APPROVED FOR USE IN CANADA (E.G. CSA, ULC).

(N-2) FIXTURES C/W ALL REQUIRED MOUNTING ACCESSORIES.

(N-3) CONFIRM ALL FINISHES AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ORDERING.

(N-4) PROVIDE YORK REGION AN EXTRA TWENTY FIVE (25) TYPE L1 LAMPS AT THE COMPLETION OF THE PROJECT.

4/E-0.3 LUMINAIRE SCHEDULE — SCALE: N.T.S



NOTES:

(N-1) JUNCTION BOXES TO BE MOUNTED TO UNDERSIDE OF SLAB.

(N-2) COORDINATE INSTALLATION OF VOICE/DATA HARDWARE WITH CABLING CONTRACTOR PRIOR TO ROUGH IN.

(N-3) MINIMUM SIZE OF POWER CONDUITS IS 3/4".

(N-4) COORDINATE EXACT LOCATIONS WITH YORK REGION AND ARCHITECT PRIOR TO ROUGH-IN.

(N-5) FURNITURE MANUFACTURER SUPPLIED WIRING HARNESS. ELECTRICAL CONTRACTOR TO TERMINATE USING 90° FLEX CONNECTOR SIZED TO MATCH HARNESS.

1/E-0.3 PAC POLE SYSTEM FURNITURE FEED — SCALE: N.T.S

PANEL: NEW RP-B4RB

PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001
LOCATION: ELEC RM 4-88
FED FROM: 75kVA TRANSFORMER - SP-B4B
Smith + Andersen

TYPE/INFO	DESCRIPTION	D.F [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR [A]	CCT NO.	Φ	CCT NO.	BKR [A]	DEMAND LOAD [W]	CONN. LOAD [W]	D.F [%]	DESCRIPTION	TYPE/INFO
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	1	A	2	20	400	500	80	REC - OPEN FOCUS - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	3	B	4	20	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	5	C	6	20	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	7	A	8	20	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	9	B	10	15	576	720	80	REC - NEIGHBOURHOOD HUB - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	11	C	12	15	320	400	80	REC - WORK ROOM - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	13	A	14	15	320	400	80	REC - WORK ROOM - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	15	B	16	15	320	400	80	REC - HUDDLE - 4-01	
	PRINTER - SERVICE CENTER - 4-01	80	1000	800	15	17	C	18	15	560	700	80	REC - CAFE - 4-01	
	PRINTER - SERVICE CENTER - 4-01	80	1000	800	15	19	A	20	15	720	900	80	REC - NEIGHBOURHOOD HUB - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	21	B	22	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	23	C	24	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	25	A	26	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	27	B	28	15	360	450	80	REC - WORK ROOM - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	29	C	30	15	320	400	80	REC - HUDDLE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	31	A	32	15	432	540	80	REC - WORK ZONE - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	33	B	34	15	320	400	80	REC - WORK ROOM - 4-01	
	REC - FOCUS ROOM - 4-01	80	540	432	15	35	C	36	15	320	400	80	REC - WORK ROOM - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	37	A	38	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	39	B	40	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	41	C	42	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	REC - GROUP ROOM - 4-01	80	700	560	15	43	A	44	15	560	700	80	REC - GROUP ROOM - 4-01	
	REC - FOCUS ROOM - 4-01	80	700	560	15	45	B	46	15	320	400	80	REC - WORK ROOM - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	47	C	48	15	320	400	80	REC - CONNECTION CAFE - 4-01	
	REC - CONNECTION CAFE - 4-01	80	400	320	15	49	A	50	15	320	400	80	REC - CONNECTION CAFE - 4-01	
	REC - CONNECTION CAFE - 4-01	80	400	320	15	51	B	52	20	320	400	80	REC - CONNECTION CAFE - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	53	C	54	15	576	720	80	REC - GROUP ZONE - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	55	A	56	15	320	400	80	REC - HUDDLE - 4-01	
	REC - COMMUNITY JUNCTION- 4-01	80	300	240	15	57	B	58	15	320	400	80	REC - HUDDLE - 4-01	
	REC - WORK ZONE - 4-01	80	300	240	15	59	C	60	15	240	300	80	REC - WELLNESS ROOM - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	61	A	62	15					
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	63	B	64	15	100	200	50	WR 4-90 & 4-91 - LIGHTING	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	65	C	66	15					
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	67	A	68	15	440	550	80	REC - NEIGHBOURHOOD HUB - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	69	B	70	15	240	300	80	REC - FOCUS ROOM - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	71	C	72	15	320	400	80	REC - WORK ZONE - 4-01	
					15	73	A	74	15					
					15	75	B	76	15					
					15	77	C	78	15					
					15	79	A	80	20					
					15	81	B	82	20					
					20	83	C	84	20					
					15	85	A	86	15					
					15	87	B	88	15					
					15	89	C	90	15					
					15	91	A	92	15					
					15	93	B	94	15					
					15	95	C	96	15					
					15	97	A	98	15					
	SPARE				15	99	B	100	15				SPACE	
	SPARE				20	101	C	102	15				SPACE	
	SPACE					103	A	104					SPACE	
	SPACE					105	B	106					SPACE	
	SPACE					107	C	108					SPACE	
	SPACE					109	A	110					SPACE	
	SPACE					111	B	112					SPACE	
	SPACE					113	C	114					SPACE	
	SPACE					115	A	116					SPACE	
	SPACE					117	B	118					SPACE	
	SPACE					119	C	120					SPACE	

PANEL OPTIONS:

2 :CSA ENCLOSURE RATING	[ ] FLUSH	LOAD A [KW]:	11	PHASE VOLTAGE [V]:	120
[ ] FEED THROUGH	[X] SURFACE	LOAD B [KW]:	10	LINE VOLTAGE [V]:	208
[ ] SUB-FEED	[X] BOLT-ON BREAKER	LOAD C [KW]:	11	PHASE:	3Φ
[ ] MAIN BREAKER	[ ] SPD	TOTAL [KW]:	32	WIRE:	4
[ ] 200% RATED NEUTRAL BUS	[ ]	CURRENT A [A]:	95	MAINS [A]:	400
[ ] ISOLATED GROUND BUS	[ ]	CURRENT B [A]:	85	MAIN BREAKER [A]:	
		CURRENT C [A]:	89	I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	R.C-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	M-Motor	HID-High Intensity Discharge Lighting Breaker
AFCI-Arc Fault Circuit Interrupter	D.F-Demand Factor	
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Panel Enclosure To Be Sprinklerproof.
2. Panels greater than 66 circuits to be double tub.

11/E-0.3 PANEL SCHEDULE — SCALE: N.T.S

PANEL: NEW LP-B4A1

PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001
LOCATION: ELEC RM 4-28
FED FROM: 15kVA TRANSFORMER - LP-B4A
Smith + Andersen

TYPE/INFO	DESCRIPTION	D.F [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR [A]	CCT NO.	Φ	CCT NO.	BKR [A]	DEMAND LOAD [W]	CONN. LOAD [W]	D.F [%]	DESCRIPTION	TYPE/INFO
	LIGHTING	100	733	733	20	1	A	2	20	900	900	100	LIGHTING	
	LIGHTING	100	1390	1390	20	3	B	4	20	610	610	100	LIGHTING	
	LIGHTING	100	1233	1233	20	5	C	6	20	1030	1030	100	LIGHTING	
	LIGHTING	100	1269	1269	20	7	A	8	20				SPARE	
	LIGHTING	100	1300	1300	20	9	B	10	20				SPARE	
	LIGHTING	100	925	925	20	11	C	12	20				SPARE	
	SPACE					13	A	14					SPACE	
	SPACE					15	B	16					SPACE	
	SPACE					17	C	18					SPACE	
	SPACE					19	A	20					SPACE	
	SPACE					21	B	22					SPACE	
	SPACE					23	C	24					SPACE	

PANEL OPTIONS:

2 :CSA ENCLOSURE RATING	[ ] FLUSH	LOAD A [KW]:	2.9	PHASE VOLTAGE [V]:	120
[ ] FEED THROUGH	[X] SURFACE	LOAD B [KW]:	3.3	LINE VOLTAGE [V]:	208
[ ] SUB-FEED	[X] BOLT-ON BREAKER	LOAD C [KW]:	3.2	PHASE:	3Φ
[ ] MAIN BREAKER	[ ] SPD	TOTAL [KW]:	9.4	WIRE:	4
[ ] 200% RATED NEUTRAL BUS	[ ]	CURRENT A [A]:	24	MAINS [A]:	100
[ ] ISOLATED GROUND BUS	[ ]	CURRENT B [A]:	28	MAIN BREAKER [A]:	
		CURRENT C [A]:	27	I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	R.C-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	M-Motor	HID-High Intensity Discharge Lighting Breaker
AFCI-Arc Fault Circuit Interrupter	D.F-Demand Factor	
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Panel Enclosure To Be Sprinklerproof.
2. Panels greater than 66 circuits to be double tub.

8/E-0.3 PANEL SCHEDULE — SCALE: N.T.S

PANEL: NEW RP-B4RA

PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001
LOCATION: ELEC RM 4-28
FED FROM: RP-B4RA
Smith + Andersen

TYPE/INFO	DESCRIPTION	D.F [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR [A]	CCT NO.	Φ	CCT NO.	BKR [A]	DEMAND LOAD [W]	CONN. LOAD [W]	D.F [%]	DESCRIPTION	TYPE/INFO
	REC - CAFE - 4-01	80	700	560	15	1	A	2	15	560	700	80	REC - CAFE - 4-01	
	REC - WORK ZONE - 4-01	80	700	560	15	3	B	4	15	400	500	80	REC - OFFICE - 3-02	
	REC - HUDDLE ROOM- 4-01	80	400	320	15	5	C	6	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	7	A	8	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-02	80	700	560	15	9	B	10	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-03	80	700	560	15	11	C	12	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	REC - HUDDLE ROOM- 4-01	80	600	480	15	13	A	14	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	REC - HUDDLE ROOM- 4-01	80	400	320	15	15	B	16	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	REC - FOCUS ROOM - 4-01	80	300	240	15	17	C	18	15	576	720	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	19	A	20	15	720	900	80	REC - GROUP ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	21	B	22	15	480	600	80	REC - HUDDLE ROOM - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	23	C	24	15	560	700	80	REC - WORK ZONE - 4-01	
	REC - SERVICE ROOM - 4-01	80	1000	800	20	25	A	26	15	560	700	80	FURNITURE FEED - COMM JUNCTION - 4-01	
	REC - SERVICE ROOM - 4-01	80	1000	800	20	27	B	28	15	640	800	80	REC - CONNECTION CAFE - 4-01	
	REC - SERVICE ROOM - 4-01	80	300	240	15	29	C	30	15	640	800	80	REC - CONNECTION CAFE - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	31	A	32	15	640	800	80	REC - CONNECTION CAFE - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	33	B	34	20	800	1000	80	REC - CONNECTION CAFE - 4-01	
	REC - WOK ZONE - 4-01	80	400	320	15	35	C	36	15	560	700	80	FURNITURE FEED - GROUP ZONE - 4-01	
	FURNITURE FEED - CONN. CAFE - 4-01	80	700	560	15	37	A	38	15	560	700	80	FURNITURE FEED - GROUP ZONE - 4-01	
	WR 4-88 & 4-89 - RECEPTACLE	80	300	240	15	39	B	40	15	432	540	80	REC - CONN. CAFE - 4-01	
	WR 4-88 & 4-89 - RECEPTACLE	80	300	240	15	41	C	42	15	320	400	80	REC - WORK ROOM - 4-01	
	SPARE				15	43	A	44	15	320	400	80	REC - WORK ROOM - 4-01	
	WR 4-88 & 4-89 - ADO	80	300	240	15	45	B	46	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	SPARE				20	47	C	48	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - GROUP ZONE - 4-01	80	700	560	15	49	A	50	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	SPARE				15	51	B	52	15				SPARE	
	SPARE				15	53	C	54	15	100	200	50	WR 4-88 & 4-89 - LIGHTING	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	55	A	56	15				SPARE	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	57	B	58	15	175	250	70	SOUND MASKING	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	59	C	60	15	175	250	70	SOUND MASKING	
	REC - HUDDLE ROOM - 4-01	80	400	320	15	61	A	62	15				SPARE	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	63	B	64	15				SPARE	
	SPARE				15	65	C	66	15				SPARE	
	SPARE				15	67	A	68	15				SPARE	
	SPARE				15	69	B	70	15				SPARE	
	SPARE				15	71	C	72	15				SPARE	

PANEL OPTIONS:

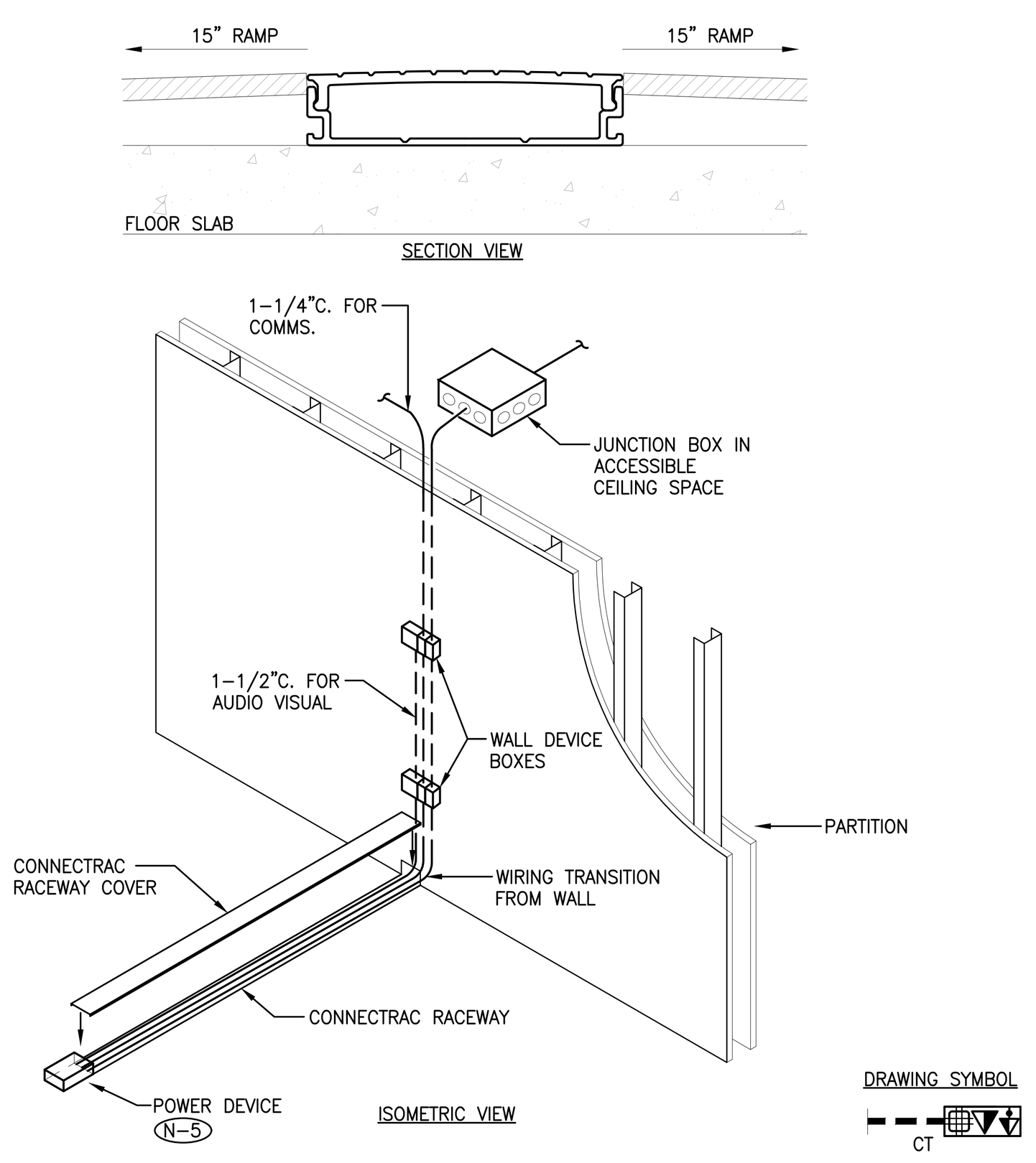
2 :CSA ENCLOSURE RATING	[ ] FLUSH	LOAD A [KW]:	10	PHASE VOLTAGE [V]:	120
[ ] FEED THROUGH	[X] SURFACE	LOAD B [KW]:	9.3	LINE VOLTAGE [V]:	208
[ ] SUB-FEED	[X] BOLT-ON BREAKER	LOAD C [KW]:	7.7	PHASE:	3Φ
[ ] MAIN BREAKER	[ ] SPD	TOTAL [KW]:	27	WIRE:	4
[ ] 200% RATED NEUTRAL BUS	[ ]	CURRENT A [A]:	86	MAINS [A]:	400
[ ] ISOLATED GROUND BUS	[ ]	CURRENT B [A]:	78	MAIN BREAKER [A]:	
		CURRENT C [A]:	64	I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	R.C-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	M-Motor	HID-High Intensity Discharge Lighting Breaker
AFCI-Arc Fault Circuit Interrupter	D.F-Demand Factor	
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Panel Enclosure To Be Sprinklerproof.
2. Panels greater than 66 circuits to be double tub.

5/E-0.3 PANEL SCHEDULE — SCALE: N.T.S



NOTES:

(N-1) REFER TO PLANS FOR CONNECTRAC RACEWAY LOCATIONS. BASE SYSTEM SHALL BE IN-CARPET WIREWAY SYSTEM LEGRAND CONNECTRAC FLEX SYSTEM.

(N-2) SUPPLY AND INSTALL RACEWAYS AND POWER/COMMS. DEVICES AS INDICATED. CONSULT WITH MANUFACTURER FOR COMPLETE REQUIREMENTS AND PROVIDE ALL REQUIRED COMPONENTS AND ACCESSORIES FOR A COMPLETE AND WORKING INSTALLATION.

(N-3) COORDINATE EXACT LOCATION AND ROUTING OF RACEWAY WITH YORK REGION AND ARCHITECT ON SITE PRIOR TO INSTALLATION. RACEWAYS TO BE FIELD CUT AS REQUIRED. PROVIDE 45° OR 90° CORNER KITS WHERE NECESSARY.

(N-4) MINIMUM SIZE OF POWER CONDUITS IS 3/4".

(N-5) PROVIDE POWER DEVICE C/W DUPLEX RECEPTACLES AND DEVICE BOXES/MUDRINGS FOR COMMUNICATIONS/AUDIO & VIDEO USE AS SHOWN ON THE PLAN. COORDINATE EXACT LOCATION WITH YORK REGION AND ARCHITECT PRIOR TO ROUGH-IN.

2/E-0.3 CONNECTRAC RACEWAY SYSTEM AND MEETING ROOM TV WALL DETAIL — SCALE: N.T.S

PANEL: NEW LP-B4C1

PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001
LOCATION: ELEC RM 4-89
FED FROM: 15kVA TRANSFORMER - LP-B4C
Smith + Andersen

TYPE/INFO	DESCRIPTION	D.F [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR [A]	CCT NO.	Φ	CCT NO.	BKR [A]	DEMAND LOAD [W]	CONN. LOAD [W]	D.F [%]	DESCRIPTION	TYPE/INFO
	LIGHTING	100	1070	1070	20	1	A	2	20	850	850	100	LIGHTING	
	LIGHTING	100	700	700	20	3	B	4	20	750	750	100	LIGHTING	
	LIGHTING	100	900	900	20	5	C	6	20	1006	1006	100	LIGHTING	
	LIGHTING	100	600	600	20	7	A	8	20				SPACE	
	LIGHTING	100	700	700	20	9	B	10	20				SPACE	
	LIGHTING	100	573	573	20	11	C	12	15				SPACE	
	SPACE				15	13	A	14	15				SPACE	
	SPACE				15	15	B	16	15				SPACE	
	SPACE				15	17	C	18	15				SPACE	
	SPACE				15	19	A	20	15				SPACE	
	SPACE				15	21	B	22	15				SPACE	
	SPACE				15	23	C	24	15				SPACE	
	SPACE				15	25	A	26	15				SPACE	
	SPACE				15	27	B	28	15				SPACE	
	SPACE				15	29	C	30	15				SPACE	

PANEL OPTIONS:

2 :CSA ENCLOSURE RATING	[ ] FLUSH	LOAD A [KW]:	2.5	PHASE VOLTAGE [V]:	120
[ ] FEED THROUGH	[X] SURFACE	LOAD B [KW]:	2.2	LINE VOLTAGE [V]:	208
[ ] SUB-FEED	[X] BOLT-ON BREAKER	LOAD C [KW]:	2.5	PHASE:	3Φ
[ ] MAIN BREAKER	[ ] SPD	TOTAL [KW]:	7.1	WIRE:	4
[ ] 200% RATED NEUTRAL BUS	[ ]	CURRENT A [A]:	21	MAINS [A]:	100
[ ] ISOLATED GROUND BUS	[ ]	CURRENT B [A]:	18	MAIN BREAKER [A]:	
		CURRENT C [A]:	21	I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	R.C-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	M-Motor	HID-High Intensity Discharge Lighting Breaker
AFCI-Arc Fault Circuit Interrupter	D.F-Demand Factor	
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Panel Enclosure To Be Sprinklerproof.
2. Panels greater than 66 circuits to be double tub.

12/E-0.3 PANEL SCHEDULE — SCALE: N.T.S

PANEL: EXISTING RP-B4RC1

PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001
LOCATION: ELEC RM 4-89
FED FROM: RP-B4RC
Smith + Andersen

TYPE/INFO	DESCRIPTION	D.F [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR [A]	CCT NO.	Φ	CCT NO.	BKR [A]	DEMAND LOAD [W]	CONN. LOAD [W]	D.F [%]	DESCRIPTION	TYPE/INFO
	REC - GROUP ROOM - 4-01	80	600	480	15	1	A	2	15	480	600	80	REC - GROUP ROOM - 4-01	
	REC - GROUP ROOM - 4-01	80	600	480	15	3	B	4	15	480	600	80	REC - GROUP ROOM - 4-01	
	EXISTING CCT				15	5	C	6	15	576	720	80	REC - CAFE COUNTER - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	7	A	8	15				EXISTING CCT	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	9	B	10	15				EXISTING CCT	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	11	C	12	15				EXISTING CCT	
	EXISTING CCT				15	13	A	14	15				EXISTING CCT	
	EXISTING CCT				15	15	B	16	15				EXISTING CCT	
	EXISTING CCT				15	17	C	18	15				EXISTING CCT	
	EXISTING CCT				15	19	A	20	15				EXISTING CCT	
	EXISTING CCT				15	21	B	22	15				EXISTING CCT	
	EXISTING CCT				15	23	C	24	15				EXISTING CCT	
	EXISTING CCT				15	25	A	26	20				EXISTING CCT	
	EXISTING CCT				15	27	B	28	15				EXISTING CCT	
	EXISTING CCT				15	29	C	30	15				EXISTING CCT	
	EXISTING CCT				15	31	A	32	20				EXISTING CCT	
	EXISTING CCT				15	33	B	34	15	175	250	70	SOUND MASKING	
	EXISTING CCT				15	35	C	36	15	175	250	70	SOUND MASKING	
	ER 4-92 & 4-93 - ADO	80	300	240	15	37	A	38					SPACE	
	WR 4-92 & 4-93 - REC	80	300	240	15	39	B	40					SPACE	
	WR 4-92 & 4-93 - REC	80	300	240	15	41	C	42					SPACE	

PANEL OPTIONS:

2 :CSA ENCLOSURE RATING	[ ] FLUSH	LOAD A [KW]:	1.8	PHASE VOLTAGE [V]:	120
[ ] FEED THROUGH	[X] SURFACE	LOAD B [KW]:	1.9	LINE VOLTAGE [V]:	208
[ ] SUB-FEED	[X] BOLT-ON BREAKER	LOAD C [KW]:	1.6	PHASE:	3Φ
[ ] MAIN BREAKER	[ ] SPD	TOTAL [KW]:	5.2	WIRE:	4
[ ] 200% RATED NEUTRAL BUS	[ ]	CURRENT A [A]:	15	MAINS [A]:	400
[ ] ISOLATED GROUND BUS	[ ]	CURRENT B [A]:	16	MAIN BREAKER [A]:	
		CURRENT C [A]:	13	I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	R.C-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	M-Motor	HID-High Intensity Discharge Lighting Breaker
AFCI-Arc Fault Circuit Interrupter	D.F-Demand Factor	
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Circuits in **BOLD** are new breakers.

9/E-0.3 PANEL SCHEDULE — SCALE: N.T.S

PANEL: EXISTING RP-B4RC

PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001
LOCATION: ELEC RM 4-89
FED FROM: 75kVA TRANSFORMER - SP-B4C
Smith + Andersen

TYPE/INFO	DESCRIPTION	D.F [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR [A]	CCT NO.	Φ	CCT NO.	BKR [A]	DEMAND LOAD [W]	CONN. LOAD [W]	D.F [%]	DESCRIPTION	TYPE/INFO
	EXISTING CCT				15	1	A	2	15				EXISTING CCT	
	EXISTING CCT				15	3	B	4	15				EXISTING CCT	
	EXISTING CCT				15	5	C	6	15	320	400	80	REC - CAV - 4-01	
	EXISTING CCT				15	7	A	8	15	480	600	80	REC - HUDDLE ROOM - 4-01	
	WR 4-92 & 4-93 - LIGHTING	50	200	100	15	9	B	10	15	480	600	80	REC - HUDDLE ROOM - 4-01	
	REC - SERVICE CENTRE	80	400	320	15	11	C	12	15	480	600	80	REC - HUDDLE ZONE - 4-01	
	PRINTER - SERVICE CENTRE	80	1000	800	20	13	A	14	15	400	500	80	REC - CAFE COUNTER - 4-01	
	PRINTER - SERVICE CENTRE	80	1000	800	20	15	B	16	15	576	720	80	REC - NEIGHBOURHOOD HUB	
	PRINTER - SERVICE CENTRE	80	1000	800	20	17	C	18	15	480	600	80	REC - HUDDLE ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	19	A	20	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	21	B	22	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	23	C	24	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	EXISTING CCT				15	25	A	26	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
					2P	27	B	28	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	EXISTING CCT				15	29	C	30	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
					60	31	A	32	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	EXISTING CCT					33	B	34	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
					3P	35	C	36	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	37	A	38	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	39	B	40	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	41	C	42	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	EXISTING CCT				15	43	A	44	15	320	400	80	REC - PRIVATE OFFICE - 4-01	
	EXISTING CCT				15	45	B	46	15	480	600	80	REC - PRIVATE OFFICE - 4-01	
					2P	47	C	48	15	320	400	80	REC - GROUP ZONE	
	REC - FOCUS ROOM - 4-01	80	600	480	15	49	A	50	15	320	400	80	REC - HUDDLE ROOM - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	51	B	52	15	320	400	80	REC - HUDDLE ROOM - 4-01	
	REC - WORK ROOM - 4-01	80	400	320	15	53	C	54	15	320	400	80	REC - WORK ROOM - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	55	A	56	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	57	B	58	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	59	C	60	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	61	A	62	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	63	B	64	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	
	FURNITURE FEED - WORK ZONE - 4-01	80	700	560	15	65	C	66	15	560	700	80	FURNITURE FEED - WORK ZONE - 4-01	

PANEL OPTIONS:

2 :CSA ENCLOSURE RATING	[ ] FLUSH	LOAD A [KW]:	8.4	PHASE VOLTAGE [V]:	120
[ ] FEED THROUGH	[X] SURFACE	LOAD B [KW]:	8.7	LINE VOLTAGE [V]:	208
[ ] SUB-FEED	[X] BOLT-ON BREAKER	LOAD C [KW]:	9	PHASE:	3Φ
[ ] MAIN BREAKER	[ ] SPD	TOTAL [KW]:	26	WIRE:	4
[ ] 200% RATED NEUTRAL BUS	[ ]	CURRENT A [A]:	70	MAINS [A]:	400
[ ] ISOLATED GROUND BUS	[ ]	CURRENT B [A]:	72	MAIN BREAKER [A]:	
		CURRENT C [A]:	75	I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	R.C-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	M-Motor	HID-High Intensity Discharge Lighting Breaker
AFCI-Arc Fault Circuit Interrupter	D.F-Demand Factor	
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Circuits in **BOLD** are new breakers.

6/E-0.3 PANEL SCHEDULE — SCALE: N.T.S

PANEL: NEW LP-B4B1

PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001
LOCATION: ELEC RM 4-88
FED FROM: 15kVA TRANSFORMER - LP-B4B
Smith + Andersen

TYPE/INFO	DESCRIPTION	D.F [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR [A]	CCT NO.	Φ	CCT NO.	BKR [A]	DEMAND LOAD [W]	CONN. LOAD [W]	D.F [%]	DESCRIPTION	TYPE/INFO
	LIGHTING	100	870	870	20	1	A	2	20	1280	1280	100	LIGHTING	
	LIGHTING	100	1150	1150	20	3	B	4	20	1000	1000	100	LIGHTING	
	LIGHTING	100	910	910	20	5	C	6	20	1250	1250	100	LIGHTING	
	SPACE					7	A	8					SPACE	
	SPACE					9	B	10					SPACE	
	SPACE					11	C	12					SPACE	
	SPACE					13	A	14					SPACE	
	SPACE					15	B	16					SPACE	
	SPACE					17	C	18					SPACE	
	SPACE					19	A	20					SPACE	
	SPACE					21	B	22					SPACE	
	SPACE					23	C	24					SPACE	

PANEL OPTIONS:

2 :CSA ENCLOSURE RATING	[ ] FLUSH	LOAD A [KW]:	2.2	PHASE VOLTAGE [V]:	120
[ ] FEED THROUGH	[X] SURFACE	LOAD B [KW]:	2.2	LINE VOLTAGE [V]:	208
[ ] SUB-FEED	[X] BOLT-ON BREAKER	LOAD C [KW]:	2.2	PHASE:	3Φ
[ ] MAIN BREAKER	[ ] SPD	TOTAL [KW]:	6.5	WIRE:	4
[ ] 200% RATED NEUTRAL BUS	[ ]	CURRENT A [A]:	18	MAINS [A]:	100
[ ] ISOLATED GROUND BUS	[ ]	CURRENT B [A]:	18	MAIN BREAKER [A]:	
		CURRENT C [A]:	18	I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	R.C-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	M-Motor	HID-High Intensity Discharge Lighting Breaker
AFCI-Arc Fault Circuit Interrupter	D.F-Demand Factor	
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Panel Enclosure To Be Sprinklerproof.
2. Panels greater than 66 circuits to be double tub.

3/E-0.3 PANEL SCHEDULE — SCALE: N.T.S

G.Bruce Stratton Architects
217 Richmond Street West, Suite 300
Toronto Ontario M5V 1W2
telephone: 416.351.8145
facsimile: 416.351.8146

SUBMISSION	DATE	DESCRIPTION
1	2022-04-27	ISSUED FOR 80% REVIEW
2	2022-05-31	ISSUED FOR 97% REVIEW
3	2022-06-13	ISSUED FOR TENDER

PROJECT CONTACT

NAME: COLIN HODDER
TEL: 416-487-8151
EMAIL: Colin.Hodder@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MECHANICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

STAMP:

NORTH:

ENGINEER:

Smith + Andersen
1100 - 100 Sheppard Ave. East, Toronto On, M2N 6N5
416 487 8151 f 416 487 9104 smithandandersen.com

PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

SCALE: NTS

DRAWN BY: CH

REVIEWED BY: NC

SHEET TITLE: ELECTRICAL DETAILS

SHEET NUMBER: TE-0.3

PANEL: EXISTING RP-B4RD
PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001

LOCATION:
ELEC RM 4-28
FED FROM:
45kVA TRANSFORMER - T-B4D

Smith + Andersen

TYPE INFO	DESCRIPTION	D.F (%)	CONN. LOAD (W)	DEMAND LOAD (W)	BKR (A)	CCT NO.	Φ	CCT NO.	BKR (A)	DEMAND LOAD (W)	CONN. LOAD (W)	D.F (%)	DESCRIPTION	TYPE INFO
	FAN COIL UNIT	70	900	630	15	1	A	2	15	630	900	70	FAN COIL UNIT	
		70	900	630	2P	3	B	4	2P	630	900	70		
	FAN COIL UNIT	70	900	630	15	5	C	6	15	718	1025	70	FAN COIL UNIT	
		70	900	630	2P	7	A	8	2P	718	1025	70		
	FAN COIL UNIT	70	1125	788	15	9	B	10	15	700	1000	70	FAN COIL UNIT	
		70	1125	788	2P	11	C	12	2P	700	1000	70		
	SPARE				15	13	A	14	15				SPARE	
					2P	15	B	16	2P					
	SPARE				15	17	C	18	15				SPARE	
					2P	19	A	20	2P					
	SPARE				15	21	B	22	15				SPARE	
					2P	23	C	24	2P					
	EXISTING CCT				15	25	A	26	15				EXISTING CCT	
					2P	27	B	28	2P					
	SF-1	70			15	29	C	30	15				EXISTING CCT	
	EXISTING CCT				15	31	A	32					EXISTING CCT	
					2P	33	B	34	15				EXISTING CCT	
	EXISTING CCT					35	C	36	15				EXISTING CCT	
	EXISTING CCT				15	37	A	38	15				EXISTING CCT	
	EXISTING CCT				15	39	B	40	15				EXISTING CCT	
	EXISTING CCT				15	41	C	42	15				EXISTING CCT	

PANEL OPTIONS:

2	CSA ENCLOSURE RATING		FLUSH
	FEED THROUGH	X	SURFACE
	SUB-FEED	X	BOLT-ON BREAKER
	MAIN BREAKER		SPD
	200% RATED NEUTRAL BUS		
	ISOLATED GROUND BUS		

LOA D A [KVA]:	2.6
LOA D B [KVA]:	2.7
LOA D C [KVA]:	2.8
TOTAL [KVA]:	8.2
CURRENT A [A]:	22
CURRENT B [A]:	23
CURRENT C [A]:	24

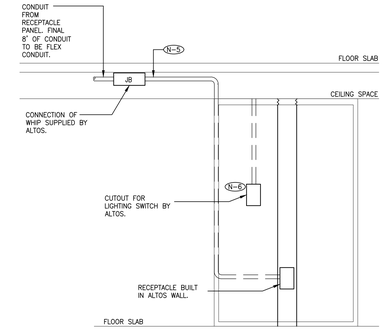
PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	100
MAIN BREAKER [A]:	
I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	RC-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	MA-Motor	HID-High Intensity
AFCI-Arc Fault Circuit Interrupter	DF-Demand Factor	Discharge Lighting Breaker
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Circuits in **BOLD** are new breakers.

4 / E-0.3 PANEL SCHEDULE SCALE: N.T.S



NOTES:

N-1 JUNCTION BOXES TO BE MOUNTED TO UNDERSIDE OF SLAB.

N-2 COORDINATE INSTALLATION OF VOICE/DATA HARDWARE WITH CABLING CONTRACTOR PRIOR TO ROUGH IN.

N-3 MINIMUM SIZE OF POWER CONDUITS IS 3/4".

N-4 COORDINATE EXACT LOCATIONS WITH YORK REGION AND ARCHITECT PRIOR TO ROUGH-IN.

N-5 FURNITURE MANUFACTURER SUPPLIED WIRING HARNESS. ELECTRICAL CONTRACTOR TO TERMINATE USING 90° FLEX CONNECTOR SIZED TO MATCH HARNESS.

N-6 WIRING, CONDUIT AND DEVICES BY ELECTRICAL CONTRACTOR. THE CUTOUT FOR THE LIGHTING SWITCH BY ALTOS. COORDINATE EXACT LOCATIONS WITH ALTOS.

1 / E-0.4 ALTOS SYSTEM FURNITURE FEED SCALE: N.T.S

PANEL: EXISTING RP-B4RE
PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001

LOCATION:
ELEC RM 4-68
FED FROM:
45kVA TRANSFORMER - T-B4E

Smith + Andersen

TYPE INFO	DESCRIPTION	D.F (%)	CONN. LOAD (W)	DEMAND LOAD (W)	BKR (A)	CCT NO.	Φ	CCT NO.	BKR (A)	DEMAND LOAD (W)	CONN. LOAD (W)	D.F (%)	DESCRIPTION	TYPE INFO
	FAN COIL UNIT	70	1125	788	15	1	A	2	15	788	1125	70	FAN COIL UNIT	
		70	1125	788	2P	3	B	4	2P	788	1125	70		
	FAN COIL UNIT	70	1000	700	15	5	C	6	15	683	975	70	FAN COIL UNIT	
		70	1000	700	2P	7	A	8	2P	683	975	70		
	FAN COIL UNIT	70	975	683	15	9	B	10	15	630	900	70	FAN COIL UNIT	
		70	975	683	2P	11	C	12	2P	630	900	70		
	SPARE				15	13	A	14	15				SPARE	
					2P	15	B	16	2P					
	SPARE				15	17	C	18	15				SPARE	
					2P	19	A	20	2P					
	SPARE				15	21	B	22	15				SPARE	
					2P	23	C	24	2P					
	EXISTING CCT				15	25	A	26	15				EXISTING CCT	
	EXISTING CCT				15	27	B	28	15				EXISTING CCT	
	EXISTING CCT				15	29	C	30	15				EXISTING CCT	
	EXISTING CCT				15	31	A	32	2P					
	EXISTING CCT				15	33	B	34	15				EXISTING CCT	
	EXISTING CCT				15	35	C	36	15				SPARE	
	EXISTING CCT				15	37	A	38	15				SPARE	
	SPARE				15	39	B	40	15	274	392	70	SF-2	
					2P	41	C	42	15	280	400	70	SF-2	

PANEL OPTIONS:

2	CSA ENCLOSURE RATING		FLUSH
	FEED THROUGH	X	SURFACE
	SUB-FEED	X	BOLT-ON BREAKER
	MAIN BREAKER		SPD
	200% RATED NEUTRAL BUS		
	ISOLATED GROUND BUS		

LOA D A [KVA]:	3
LOA D B [KVA]:	3.2
LOA D C [KVA]:	3
TOTAL [KVA]:	9.1
CURRENT A [A]:	25
CURRENT B [A]:	26
CURRENT C [A]:	25

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	100
MAIN BREAKER [A]:	
I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	RC-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	MA-Motor	HID-High Intensity
AFCI-Arc Fault Circuit Interrupter	DF-Demand Factor	Discharge Lighting Breaker
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Circuits in **BOLD** are new breakers.

5 / E-0.3 PANEL SCHEDULE SCALE: N.T.S

PANEL: NEW RP-B3XRB1
PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001

LOCATION:
ELEC RM 3-38
FED FROM:
(E) 3RD FLR PANEL RP-B3RB

Smith + Andersen

TYPE INFO	DESCRIPTION	D.F (%)	CONN. LOAD (W)	DEMAND LOAD (W)	BKR (A)	CCT NO.	Φ	CCT NO.	BKR (A)	DEMAND LOAD (W)	CONN. LOAD (W)	D.F (%)	DESCRIPTION	TYPE INFO
	HANDRYER 4TH FLR MEN W/C	50	800	400	20	1	A	2	20	400	800	50	HANDRYER 4TH FLR WOMEN W/C	
	HANDRYER 4TH FLR MEN W/C	50	800	400	20	3	B	4	20	160	800	20	HANDRYER 4TH FLR WOMEN W/C	
	FLUSH, FAUCET, SOAP 4TH FLR MEN W/C	50	100	50	15	5	C	6	15	50	100	50	FLUSH, FAUCET, SOAP 4TH FLR WOMEN W/C	
	SPARE				15	7	A	8	15				SPARE	
	WR 4-90 & 4-91 - EMERGENCY LIGHTING	50	100	50	15	9	B	10	15				SPARE	
	WR 4TH FLOOR SINK AND TOILETS	50	600	300	15	11	C	12	15	300	600	50	WR 4TH FLOOR SINK AND TOILETS	
	SPARE				15	13	A	14					SPACE	
	SPARE				15	15	B	16					SPACE	
	SPARE				15	17	C	18					SPACE	
	SPACE					19	A	20					SPACE	
	SPACE					21	B	22					SPACE	
	SPACE					23	C	24					SPACE	
	SPACE					25	A	26					SPACE	
	SPACE					27	B	28					SPACE	
	SPACE					29	C	30					SPACE	

PANEL OPTIONS:

2	CSA ENCLOSURE RATING		FLUSH
	FEED THROUGH	X	SURFACE
	SUB-FEED	X	BOLT-ON BREAKER
	MAIN BREAKER		SPD
	200% RATED NEUTRAL BUS		
	ISOLATED GROUND BUS		

LOA D A [KVA]:	0.8
LOA D B [KVA]:	0.6
LOA D C [KVA]:	0.7
TOTAL [KVA]:	2.1
CURRENT A [A]:	7
CURRENT B [A]:	5
CURRENT C [A]:	6

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	100
MAIN BREAKER [A]:	
I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	RC-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	MA-Motor	HID-High Intensity
AFCI-Arc Fault Circuit Interrupter	DF-Demand Factor	Discharge Lighting Breaker
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Panel Enclosure To Be Sprinklerproof.
2. Panels greater than 66 circuits to be double tub.

2 / E-0.3 PANEL SCHEDULE SCALE: N.T.S

PANEL: EXISTING RP-B5RF
PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001

LOCATION:
ELEC RM 4-69
FED FROM:
45kVA TRANSFORMER - T-B4F

Smith + Andersen

TYPE INFO	DESCRIPTION	D.F (%)	CONN. LOAD (W)	DEMAND LOAD (W)	BKR (A)	CCT NO.	Φ	CCT NO.	BKR (A)	DEMAND LOAD (W)	CONN. LOAD (W)	D.F (%)	DESCRIPTION	TYPE INFO
	FAN COIL UNIT	70	1000	700	15	1	A	2	15	630	900	70	FAN COIL UNIT	
		70	1000	700	2P	3	B	4	2P	630	900	70		
	FAN COIL UNIT	70	900	630	15	5	C	6	15	490	700	70	FAN COIL UNIT	
		70	900	630	2P	7	A	8	2P	490	700	70		
	FAN COIL UNIT	70	800	560	15	9	B	10	15			70	FAN COIL UNIT	
		70	800	560	2P	11	C	12	2P			70		
	SPARE				15	13	A	14	15				SPARE	
					2P	15	B	16	2P					
	SPARE				15	17	C	18	15				SPARE	
					2P	19	A	20	2P					
	SPARE				15	21	B	22	15				SPARE	
					2P	23	C	24	2P					
	EXISTING CCT				15	25	A	26	15				EXISTING CCT	
					2P	27	B	28	2P					
	EXISTING CCT				15	29	C	30	15				EXISTING CCT	
					2P	31	A	32	15				EXISTING CCT	
	EXISTING CCT				15	33	B	34	2P					
	EXISTING CCT				15	35	C	36	15				EXISTING CCT	
	EXISTING CCT				15	37	A	38	15	294	420	70	SF-5	
					2P	39	B	40	15				EXISTING CCT	
	SF-4	70	451	316	15	41	C	42	15				EXISTING CCT	

PANEL OPTIONS:

2	CSA ENCLOSURE RATING		FLUSH
	FEED THROUGH	X	SURFACE
	SUB-FEED	X	BOLT-ON BREAKER
	MAIN BREAKER		SPD
	200% RATED NEUTRAL BUS		
	ISOLATED GROUND BUS		

LOA D A [KVA]:	2.7
LOA D B [KVA]:	1.9
LOA D C [KVA]:	2
TOTAL [KVA]:	6.6
CURRENT A [A]:	23
CURRENT B [A]:	16
CURRENT C [A]:	17

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	100
MAIN BREAKER [A]:	
I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	RC-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	MA-Motor	HID-High Intensity
AFCI-Arc Fault Circuit Interrupter	DF-Demand Factor	Discharge Lighting Breaker
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Circuits in **BOLD** are new breakers.

6 / E-0.3 PANEL SCHEDULE SCALE: N.T.S

PANEL: EXISTING RP-B3XRA
PROJECT NAME: YORK REGION 4TH FL RENOVATION
PROJECT #: 14008.015.E.001

LOCATION:
ELEC RM 3-28
FED FROM:
T-B3XA

Smith + Andersen

TYPE INFO	DESCRIPTION	D.F (%)	CONN. LOAD (W)	DEMAND LOAD (W)	BKR (A)	CCT NO.	Φ	CCT NO.	BKR (A)	DEMAND LOAD (W)	CONN. LOAD (W)	D.F (%)	DESCRIPTION	TYPE INFO
	EXISTING CCT				15	1	A	2	20				EXISTING CCT	
	EXISTING CCT				15	3	B	4	20				EXISTING CCT	
	EXISTING CCT				15	5	C	6	15				EXISTING CCT	
	EXISTING CCT				15	7	A	8	15				EXISTING CCT	
	EXISTING CCT				15	9	B	10	15	50	100	50	WR 4-90 & 4-91 - FLUSH,FAUCET,SOAP	
	EXISTING CCT				15	11	C	12	15	400	800	50	WR 4-90 & 4-91 - HANDDRYER	
	EXISTING CCT				15	13	A	14	15				EXISTING CCT	
	EXISTING CCT				15	15	B	16	15				EXISTING CCT	
	EXISTING CCT				15	17	C	18	15				EXISTING CCT	
	EXISTING CCT				15	19	A	20	15	400	800	50	WR 4-90 & 4-91 - HANDDRYER	
	EXISTING CCT				15	21	B	22	15	50	100	50	WR 4-90 & 4-91 - FLUSH,FAUCET,SOAP	
	EXISTING CCT				15	23	C	24	15	400	800	50	WR 4-90 & 4-91 - HANDDRYER	
	EXISTING CCT				15	25	A	26	15				EXISTING CCT	
	EXISTING CCT				15	27	B	28	15				EXISTING CCT	
	EXISTING CCT				15	29	C	30	15	400	800	50	WR 4-90 & 4-91 - HANDDRYER	

PANEL OPTIONS:

2	CSA ENCLOSURE RATING		FLUSH
	FEED THROUGH	X	SURFACE
	SUB-FEED	X	BOLT-ON BREAKER
	MAIN BREAKER		SPD
	200% RATED NEUTRAL BUS		
	ISOLATED GROUND BUS		

LOA D A [KVA]:	0.4
LOA D B [KVA]:	0.1
LOA D C [KVA]:	1.2
TOTAL [KVA]:	1.7
CURRENT A [A]:	3
CURRENT B [A]:	1
CURRENT C [A]:	10

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	100
MAIN BREAKER [A]:	
I.C. [kA]:	10

LEGEND:

BAS-Building Automation System	RC-Relay Controlled	LTS-Lighting
GFCI-Ground Fault Circuit Interrupter	MA-Motor	HID-High Intensity
AFCI-Arc Fault Circuit Interrupter	DF-Demand Factor	Discharge Lighting Breaker
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection
BLO-Breaker Lock-On Device		

NOTES:
1. Panel Enclosure To Be Sprinklerproof.
2. Panels greater than 66 circuits to be double tub.

3 / E-0.3 PANEL SCHEDULE SCALE: N.T.S

G.Bruce Stratton Architects

217 Richmond Street West, Suite 300
Toronto Ontario M5V 1W2
telephone: 416.351.8145
facsimile: 416.351.8146

SUBMISSION	DATE	DESCRIPTION
1	2022-05-31	ISSUED FOR 97% REVIEW
2	2022-06-13	ISSUED FOR TENDER

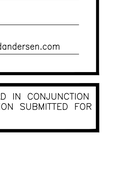
PROJECT CONTACT

NAME: COLIN HODDER
TEL: 416-487-8151
EMAIL: Colin.Hodder@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MECHANICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

STAMP:

NORTH:



ENGINEER:

Smith + Andersen
1100 – 100 Sheppard Ave. East, Toronto On, M2N 6N5
416 487 8151 f 416 487 9104 smithandandersen.com

PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

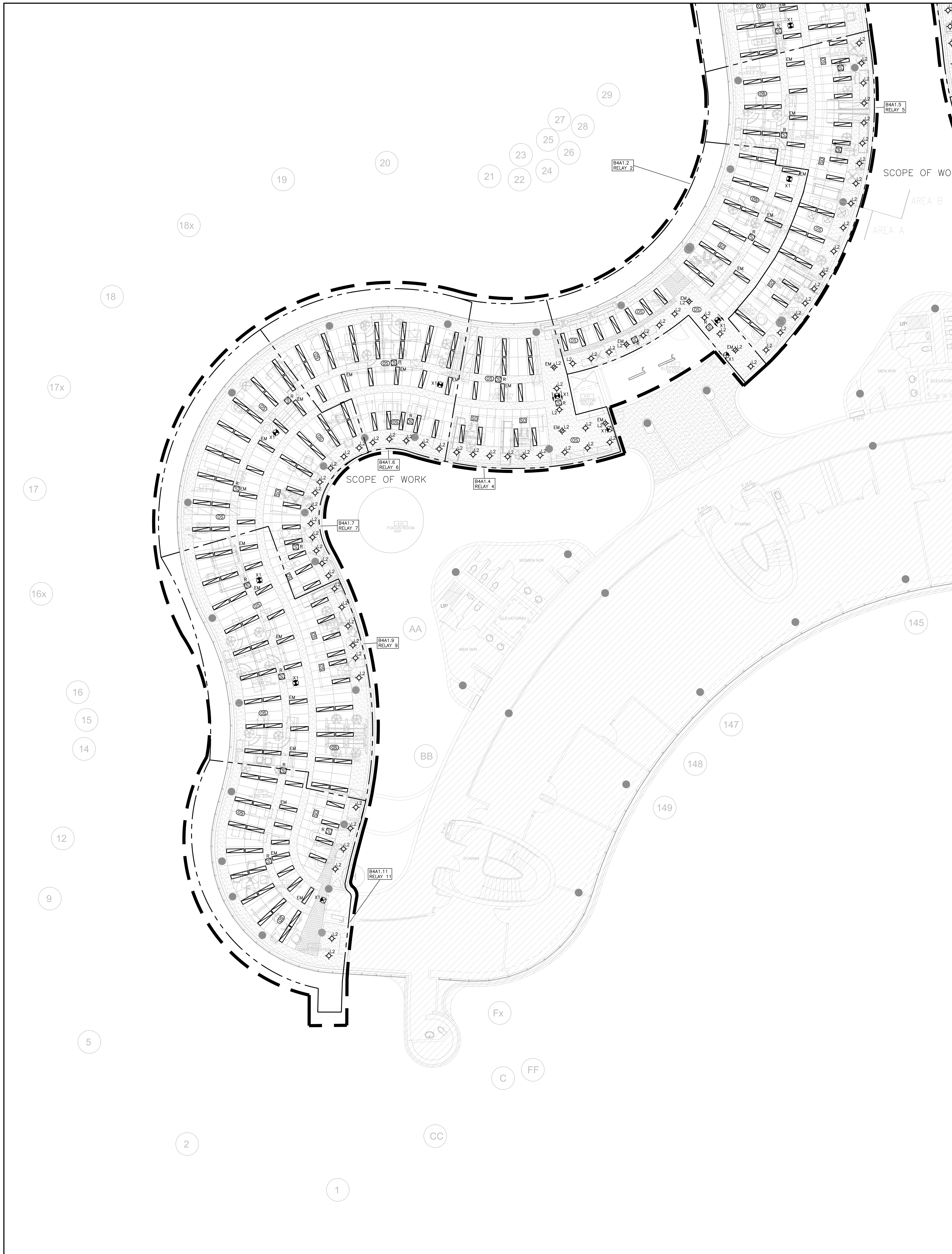
SCALE: NTS

DRAWN BY: CH

REVIEWED BY: NC

SHEET TITLE:
ELECTRICAL DETAILS

SHEET NUMBER:
TE-0.4



GENERAL NOTES:

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
3. REFER TO LIGHTING LAYOUT SHOWN FOR FINAL LOCATION ONLY. VISIT THE SITE AND COORDINATE EXACT QUANTITY OF LIGHTING LUMINAIRES TO BE NEW, RELOCATED AND/OR RETAINED IN EXISTING LOCATION. PROVIDE NEW LUMINAIRES TO MATCH EXISTING WHERE INSUFFICIENT QUANTITY EXIST TO SUIT. ALL RELOCATED LUMINAIRES SHALL HAVE WIRING EXTENDED TO SUIT NEW LOCATION. OFFER ALL UNUSED EXISTING LUMINAIRES TO THE REGION AND TURN OVER ALL SELECTED LUMINAIRES AT A PLACE DESIGNATED BY THE REGION. DISPOSE OF ALL LUMINAIRES REJECTED BY THE REGION.
4. ALL NEW/RELOCATED BASE BUILDING STANDARD LUMINAIRES AND NEW RECESSED DOWN LIGHTS SHALL BE CHAIN HUNG AND SUPPORTED FROM THE SLAB ABOVE. PROVIDE LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
5. REWORK EXISTING EMERGENCY LIGHTING TO ACHIEVE NEW EMERGENCY LIGHTING AS SHOWN. CONNECT NEW AND/OR RELOCATED LUMINAIRES TO NEAREST EMERGENCY LIGHTING CIRCUITS ON THIS FLOOR. IF NEW EMERGENCY BRANCH CIRCUITS ARE REQUIRED FOR EMERGENCY LIGHTING AND EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON A DIFFERENT STOREY (i.e. NOT LOCATED ON SAME FLOOR), THEN NEW BRANCH CIRCUIT WIRING SHALL BE 2-HOUR FIRE RATED (i.e. MI CABLE) TO FIRST EMERGENCY LIGHT FED. IF EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON THE SAME STOREY, THE NEW BRANCH CIRCUIT WIRING DOES NOT NEED TO BE FIRE RATED. PROVIDE LOCK-ON BREAKERS TO SUIT.
6. MEASURE THE ILLUMINATION OF THE FLOOR AT NIGHT WITH EMERGENCY LIGHTING ON ONLY, AND SEND A DRAWING SHOWING THE MAXIMUM AND MINIMUM LEVEL OF ILLUMINATION, TO THE CONSULTING ENGINEER, FOR REVIEW. PROVIDE WRITTEN CONFIRMATION THAT EMERGENCY LIGHTING HAS BEEN INSTALLED IN ACCORDANCE WITH CONTRACT DOCUMENTS AND LATEST EDITION OF THE ONTARIO BUILDING CODE SECTIONS 3.2.7.3 AND 3.2.7.4. LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
7. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS. EQUAL TO THOMAS AND BETTS EA SERIES COMPLETE WITH BRUSHED ALUMINUM FINISH, FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120-347VAC VOLTAGE INPUT UNLESS OTHERWISE NOTED. OR - MATCH EXISTING BASE BUILDING STANDARD UNLESS OTHERWISE NOTED. CONNECT NEW EXIT SIGNS TO THE NEAREST AVAILABLE SPARE EXIT LIGHTING CIRCUIT. DO NOT OVERLOAD THE CIRCUIT. ALLOW FOR THREE (3) ADDITIONAL EXIT SIGNS (COMPLETE WITH MATERIAL AND LABOUR) TO BE INSTALLED AS PER BUILDING INSPECTORS REQUIREMENTS UPON FINAL INSPECTION.
8. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.
9. ALL MODIFICATIONS TO FIRE ALARM SYSTEM AND DEVICES TO BE COMPLETED BY BASE BUILDING FIRE ALARM CONTRACTOR AND VENDOR/MANUFACTURER. BASE BUILDING FIRE ALARM CONTRACTOR/VENDOR/MANUFACTURER IS RESPONSIBLE TO ENSURE THAT ALL ADDITIONAL COMPONENTS (MATERIAL, SOFTWARE, INCLUDING ANY LABOUR TO INSTALL OR MODIFY FIRE ALARM DEVICES) ARE INCLUDED FOR BASED ON ISSUED DRAWINGS. ELECTRICAL CONTRACTOR TO ALLOW FOR ALL ASSOCIATED COSTS. NEW FIRE ALARM SPEAKER/STROBES ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW SPEAKER/STROBES TO EXISTING CIRCUITS, WHERE THERE IS SPARE CAPACITY ON RESPECTIVE CIRCUITS. IF THERE IS NO CAPACITY ON EXISTING CIRCUITS, PROVIDE NEW FIRE ALARM CIRCUITS. ALLOW FOR ALL ASSOCIATED COSTS INCLUDING BUT NOT LIMITED TO; ASSOCIATED EQUIPMENT, DEVICES, PROGRAMMING, TESTING AND VERIFICATION TO MAKE SYSTEM OPERATIONAL AND CODE COMPLIANT. ALL FIRE ALARM VERIFICATION SHALL CONFORM TO CAN/ULC-S537 LATEST EDITION. FIRE ALARM SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH CAN/ULC-S524 LATEST EDITION. INCLUDE IN THE COST TO PROVIDE TWO (2) ADDITIONAL FIRE ALARM SPEAKERS AND ONE (1) ADDITIONAL AUDIBILITY VERIFICATION.
10. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.
11. REWORK EXISTING SWITCHING TO ACCOMMODATE THE NEW LIGHTING LAYOUT WITHIN THE TENANT SPACE.
12. THE ELECTRICAL CONTRACTOR SHALL PROVIDE POWER EXTENDERS ON ALL DIMMERS AS REQUIRED. REFER TO SPECIFICATIONS FOR DETAILS ON DIMMER RATINGS.
13. REUSE EXISTING CIRCUIT FOUND IN CEILING SPACE FOR ALL NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO-ORDINATED WITH THE REGION AND REARRANGED TO SUIT NEW LAYOUT. ALL LIGHTING, EXCLUDING EMERGENCY, WITHIN THE TENANT PREMISES TO BE ON A SEPARATE LIGHTING ZONE AND TO BE CONTROLLED BY BASE BUILDING LIGHTING CONTROL SYSTEM. PROVIDE ALL NECESSARY RELAYS, CONTACTORS, RELAY PANELS, AND DRY INTERFACES REQUIRED FOR SUCH CONTROL. INCLUDE COST IN THIS CONTRACT.
14. PROVIDE NEW LUMINAIRE DISCONNECTS THAT COMPLY WITH REQUIREMENTS SPECIFIED IN OESC PART 1, RULE 30-308(4) LATEST EDITION FOR ALL LIGHT FIXTURES THAT EXCEED 150V SHOWN AS NEW AND OR RELOCATED. ALL NEW AND RELOCATED FIXTURES (THAT EXCEED 150V) SHALL BE MARKED IN A CONSPICUOUS, LEGIBLE, AND PERMANENT MANNER ADJACENT TO THE DISCONNECTING MEANS, IDENTIFYING THE SPECIFIC PURPOSE.
15. LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS. REFER TO DETAIL 10/E-0.3 FOR REQUIREMENTS.
16. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.
17. ALL CEILING MOUNTED OCCUPANCY SENSORS PROVIDED AS PART OF THIS SCOPE OF WORK MUST BE LOCATED AT LEAST 6'0" AWAY FROM ANY SUPPLY AIR DIFFUSER AND RETURN AIR GRILLE AS PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO COMMENCING WORK.

DRAWING NOTES:

(N-1) ALL LIGHT FIXTURES ARE TYPE 'L1' UNLESS OTHERWISE NOTED.

(N-2) MIRROR LIGHT TO BE CONNECTED TO THE SAME CIRCUIT AS L2 FIXTURES IN THE SAME ROOM, AND CONTROLLED VIA THE LOCAL SWITCH.

(N-3) FINAL LOCATIONS OF POTLIGHTS TO BE COORDINATED ON-SITE.

G.Bruce Stratton Architects
217 Richmond Street West, Suite 300
Toronto Ontario M5V 1W2
telephone: 416.351.8145
facsimile: 416.351.8146

SUBMISSION	DATE	DESCRIPTION
1	2022-03-14	ISSUED FOR 60% REVIEW
2	2022-04-27	ISSUED FOR 80% REVIEW
3	2022-05-31	ISSUED FOR 97% REVIEW
4	2022-06-13	ISSUED FOR TENDER

PROJECT CONTACT

NAME: COLIN HODDER
TEL: 416-487-8151
EMAIL: Colin.Hodder@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MECHANICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

STAMP:

NORTH:

ENGINEER:

Smith + Andersen
1100 – 100 Sheppard Ave. East, Toronto On, M2N 6N5
416 487 8151 f 416 487 9104 smithandandersen.com

PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

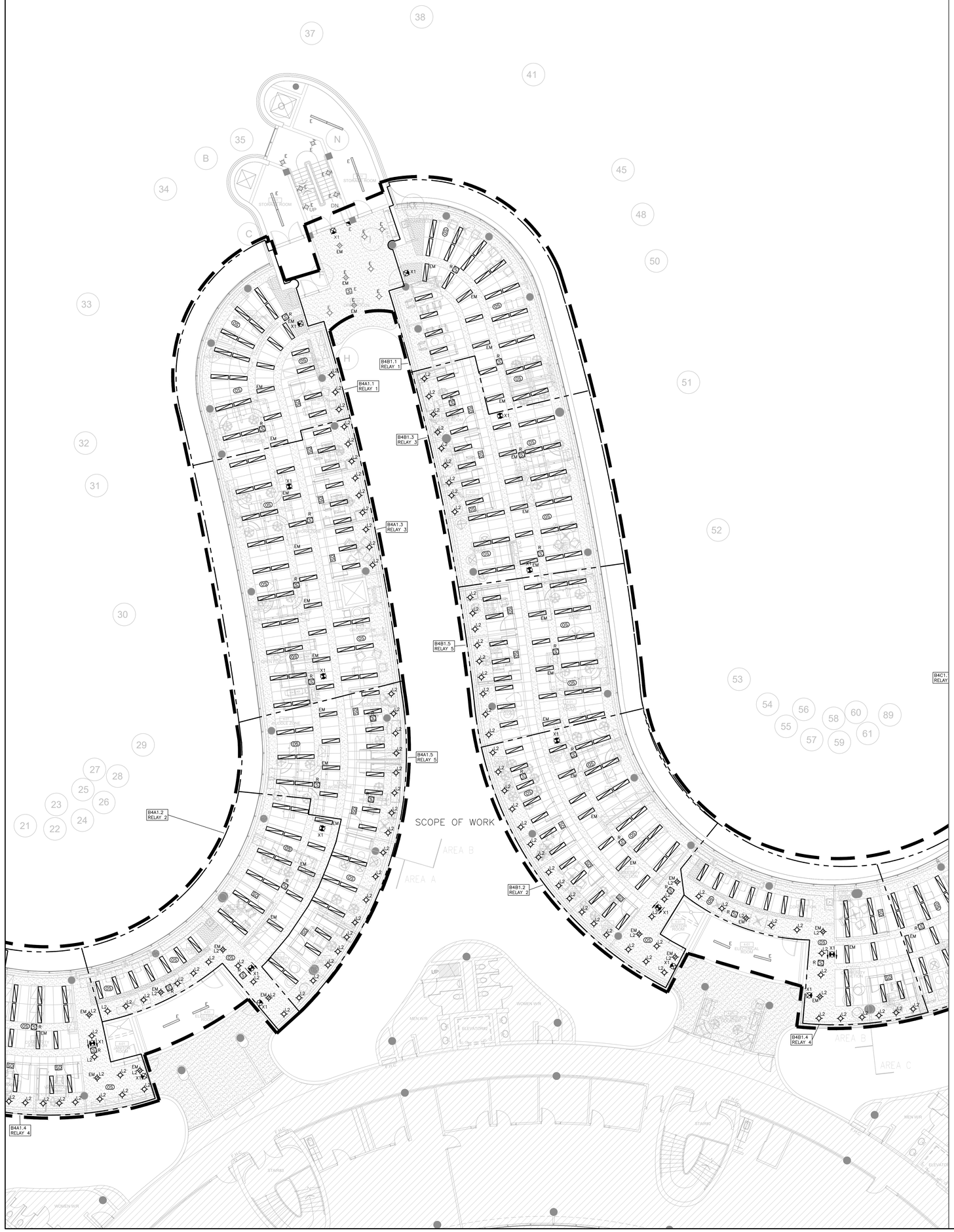
SCALE: 1:100

DRAWN BY: CH

REVIEWED BY: NC

SHEET TITLE:
PARTIAL LEVEL 4 –
LIGHING & FIRE ALARM
LAYOUT (PART A)

SHEET NUMBER:
TE–4.1A



GENERAL NOTES:

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
3. REFER TO LIGHTING LAYOUT SHOWN FOR FINAL LOCATION ONLY. VISIT THE SITE AND COORDINATE EXACT QUANTITY OF LIGHTING LUMINAIRES TO BE NEW, RELOCATED AND/OR RETAINED IN EXISTING LOCATION. PROVIDE NEW LUMINAIRES TO MATCH EXISTING WHERE INSUFFICIENT QUANTITY EXIST TO SUIT. ALL RELOCATED LUMINAIRES SHALL HAVE WIRING EXTENDED TO SUIT NEW LOCATION. OFFER ALL UNUSED EXISTING LUMINAIRES TO THE REGION AND TURN OVER ALL SELECTED LUMINAIRES AT A PLACE DESIGNATED BY THE REGION. DISPOSE OF ALL LUMINAIRES REJECTED BY THE REGION.
4. ALL NEW/RELOCATED BASE BUILDING STANDARD LUMINAIRES AND NEW RECESSED DOWN LIGHTS SHALL BE CHAIN HUNG AND SUPPORTED FROM THE SLAB ABOVE. PROVIDE LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
5. REWORK EXISTING EMERGENCY LIGHTING TO ACHIEVE NEW EMERGENCY LIGHTING AS SHOWN. CONNECT NEW AND/OR RELOCATED LUMINAIRES TO NEAREST EMERGENCY LIGHTING CIRCUITS ON THIS FLOOR. IF NEW EMERGENCY BRANCH CIRCUITS ARE REQUIRED FOR EMERGENCY LIGHTING AND EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON A DIFFERENT STOREY (i.e. NOT LOCATED ON SAME FLOOR), THEN NEW BRANCH CIRCUIT WIRING SHALL BE 2-HOUR FIRE RATED (i.e. MI CABLE) TO FIRST EMERGENCY LIGHT FED. IF EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON THE SAME STOREY, THE NEW BRANCH CIRCUIT WIRING DOES NOT NEED TO BE FIRE RATED. PROVIDE LOCK-ON BREAKERS TO SUIT.
6. MEASURE THE ILLUMINATION OF THE FLOOR AT NIGHT WITH EMERGENCY LIGHTING ON ONLY, AND SEND A DRAWING SHOWING THE MAXIMUM AND MINIMUM LEVEL OF ILLUMINATION, TO THE CONSULTING ENGINEER, FOR REVIEW. PROVIDE WRITTEN CONFIRMATION THAT EMERGENCY LIGHTING HAS BEEN INSTALLED IN ACCORDANCE WITH CONTRACT DOCUMENTS AND LATEST EDITION OF THE ONTARIO BUILDING CODE SECTIONS 3.2.7.3 AND 3.2.7.4. LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
7. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS, EQUAL TO THOMAS AND BETTS EA SERIES COMPLETE WITH BRUSHED ALUMINUM FINISH, FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120-347VAC VOLTAGE INPUT UNLESS OTHERWISE NOTED. OR - MATCH EXISTING BASE BUILDING STANDARD UNLESS OTHERWISE NOTED. CONNECT NEW EXIT SIGNS TO THE NEAREST AVAILABLE SPARE EXIT LIGHTING CIRCUIT. DO NOT OVERLOAD THE CIRCUIT. ALLOW FOR THREE (3) ADDITIONAL EXIT SIGNS (COMPLETE WITH MATERIAL AND LABOUR) TO BE INSTALLED AS PER BUILDING INSPECTORS REQUIREMENTS UPON FINAL INSPECTION.
8. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.
9. ALL MODIFICATIONS TO FIRE ALARM SYSTEM AND DEVICES TO BE COMPLETED BY BASE BUILDING FIRE ALARM CONTRACTOR AND VENDOR/MANUFACTURER. BASE BUILDING FIRE ALARM CONTRACTOR/VENDOR/MANUFACTURER IS RESPONSIBLE TO ENSURE THAT ALL ADDITIONAL COMPONENTS (MATERIAL, SOFTWARE, INCLUDING ANY LABOUR TO INSTALL OR MODIFY FIRE ALARM DEVICES) ARE INCLUDED FOR BASED ON ISSUED DRAWINGS. ELECTRICAL CONTRACTOR TO ALLOW FOR ALL ASSOCIATED COSTS. NEW FIRE ALARM SPEAKER/STROBES ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW SPEAKER/STROBES TO EXISTING CIRCUITS, WHERE THERE IS SPARE CAPACITY ON RESPECTIVE CIRCUITS. IF THERE IS NO CAPACITY ON EXISTING CIRCUITS, PROVIDE NEW FIRE ALARM CIRCUITS. ALLOW FOR ALL ASSOCIATED COSTS INCLUDING BUT NOT LIMITED TO; ASSOCIATED EQUIPMENT, DEVICES, PROGRAMMING, TESTING AND VERIFICATION TO MAKE SYSTEM OPERATIONAL AND CODE COMPLIANT. ALL FIRE ALARM VERIFICATION SHALL CONFORM TO CAN/ULC-S537 LATEST EDITION. FIRE ALARM SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH CAN/ULC-S524 LATEST EDITION. INCLUDE IN THE COST TO PROVIDE TWO (2) ADDITIONAL FIRE ALARM SPEAKERS AND ONE (1) ADDITIONAL AUDIBILITY VERIFICATION.
10. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.
11. REWORK EXISTING SWITCHING TO ACCOMMODATE THE NEW LIGHTING LAYOUT WITHIN THE TENANT SPACE.
12. THE ELECTRICAL CONTRACTOR SHALL PROVIDE POWER EXTENDERS ON ALL DIMMERS AS REQUIRED. REFER TO SPECIFICATIONS FOR DETAILS ON DIMMER RATINGS.
13. REUSE EXISTING CIRCUIT FOUND IN CEILING SPACE FOR ALL NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO-ORDINATED WITH THE REGION AND REARRANGED TO SUIT NEW LAYOUT. ALL LIGHTING, EXCLUDING EMERGENCY, WITHIN THE TENANT PREMISES TO BE ON A SEPARATE LIGHTING ZONE AND TO BE CONTROLLED BY BASE BUILDING LIGHTING CONTROL SYSTEM. PROVIDE ALL NECESSARY RELAYS, CONTACTORS, RELAY PANELS, AND DRY INTERFACES REQUIRED FOR SUCH CONTROL. INCLUDE COST IN THIS CONTRACT.
14. PROVIDE NEW LUMINAIRE DISCONNECTS THAT COMPLY WITH REQUIREMENTS SPECIFIED IN OESC PART 1, RULE 30-308(4) LATEST EDITION FOR ALL LIGHT FIXTURES THAT EXCEED 150V SHOWN AS NEW AND OR RELOCATED. ALL NEW AND RELOCATED FIXTURES (THAT EXCEED 150V) SHALL BE MARKED IN A CONSPICUOUS, LEGIBLE, AND PERMANENT MANNER ADJACENT TO THE DISCONNECTING MEANS, IDENTIFYING THE SPECIFIC PURPOSE.
15. LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS. REFER TO DETAIL 10/E-0.3 FOR REQUIREMENTS.
16. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.
17. ALL CEILING MOUNTED OCCUPANCY SENSORS PROVIDED AS PART OF THIS SCOPE OF WORK MUST BE LOCATED AT LEAST 6'0" AWAY FROM ANY SUPPLY AIR DIFFUSER AND RETURN AIR GRILLE AS PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO COMMENCING WORK.

DRAWING NOTES:

(N-1) ALL LIGHT FIXTURES ARE TYPE 'L1' UNLESS OTHERWISE NOTED.

(N-2) MIRROR LIGHT TO BE CONNECTED TO THE SAME CIRCUIT AS L2 FIXTURES IN THE SAME ROOM, AND CONTROLLED VIA THE LOCAL SWITCH.

(N-3) FINAL LOCATIONS OF POTLIGHTS TO BE COORDINATED ON-SITE.

G.Bruce Stratton Architects

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SUBMISSION	DATE	DESCRIPTION

PROJECT CONTACT

NAME: COLIN HODDER
TEL: 416-487-8151
EMAIL: Colin.Hodder@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MECHANICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

STAMP:

NORTH:

ENGINEER:

Smith + Andersen
1100 – 100 Sheppard Ave., East, Toronto On, M2N 6N5
416 487 8151 T 416 487 8104 smithandandersen.com

PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

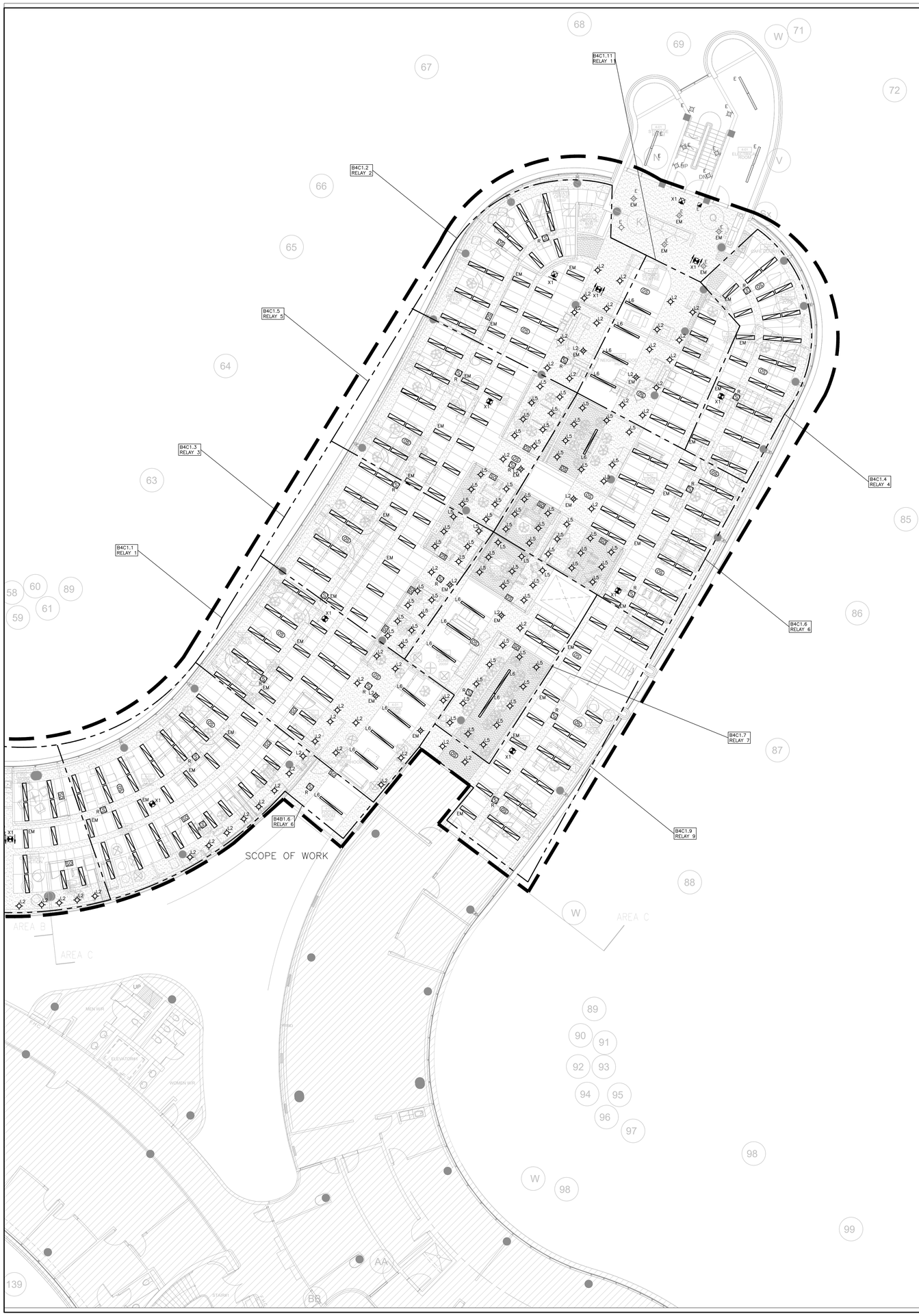
SCALE:	1:100
DRAWN BY:	CH
REVIEWED BY:	NC

SHEET TITLE:

PARTIAL 4TH FLOOR – LIGHTING & FIRE LARM LAYOUT (PART B)

SHEET NUMBER:

TE-4.1B



GENERAL NOTES:

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17. ALL CEILING MOUNTED OCCUPANCY SENSORS PROVIDED AS PART OF THIS SCOPE OF WORK MUST BE LOCATED AT LEAST 6'0" AWAY FROM ANY SUPPLY AIR DIFFUSER AND RETURN AIR GRILLE AS PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO COMMENCING WORK.

DRAWING NOTES:

(N-1) ALL LIGHT FIXTURES ARE TYPE "L1" UNLESS OTHERWISE NOTED.

(N-2) MIRROR LIGHT TO BE CONNECTED TO THE SAME CIRCUIT AS L2 FIXTURES IN THE SAME ROOM, AND CONTROLLED VIA THE LOCAL SWITCH.

(N-3) FINAL LOCATIONS OF POTLIGHTS TO BE COORDINATED ON-SITE.

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SUBMISSION	DATE	DESCRIPTION

PROJECT CONTACT

NAME: COLIN HODDER
TEL: 416-487-8151
EMAIL: Colin.Hodder@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MECHANICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

STAMP:

NORTH:

ENGINEER:

Smith + Andersen
1100 – 100 Sheppard Ave. East, Toronto On, M2N 6N5
416 487 8151 F 416 487 9104 smithandandersen.com

PROJECT:

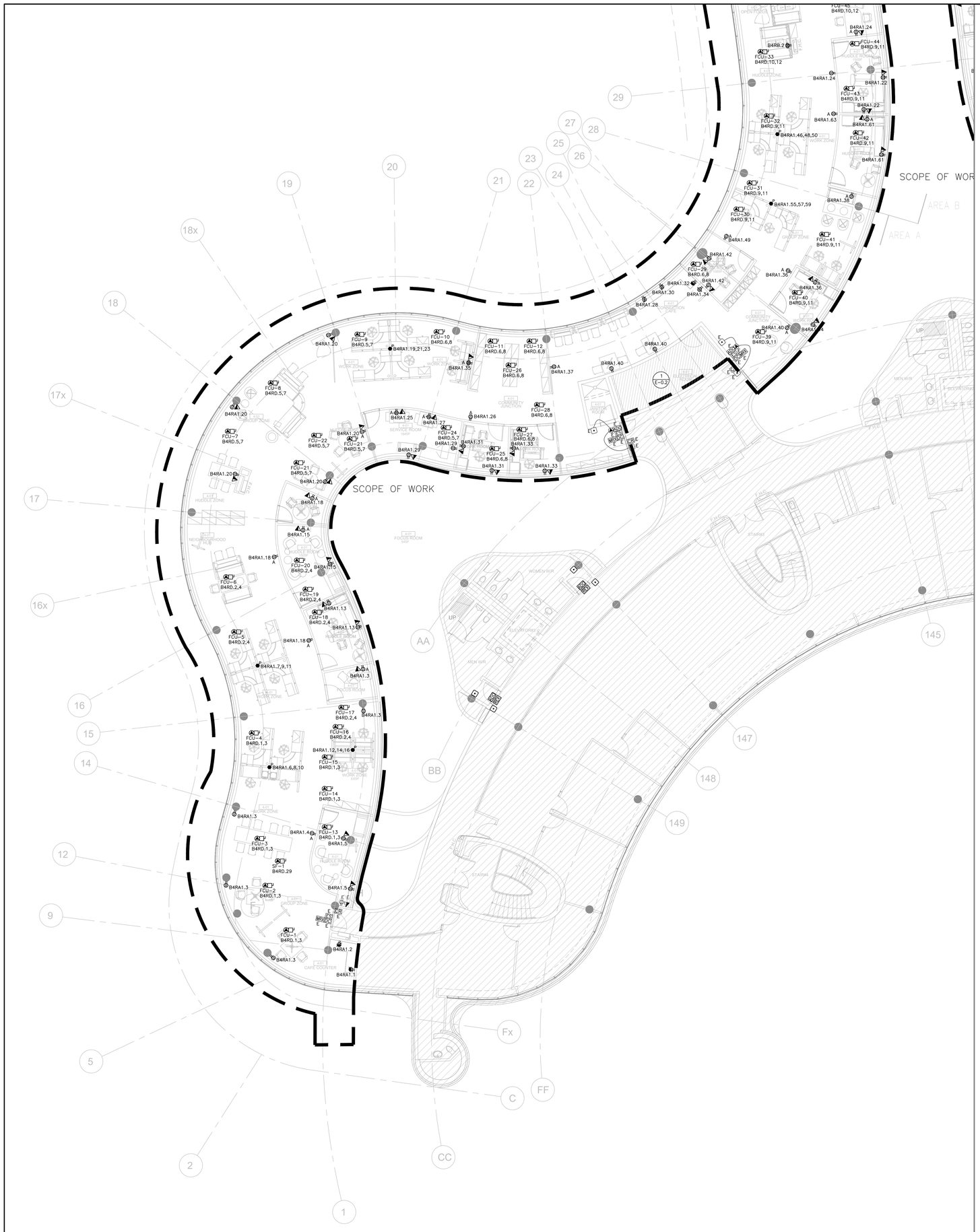
YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

SCALE: 1:100
DRAWN BY: CH
REVIEWED BY: NC

SHEET TITLE:
PARTIAL 4TH FLOOR – LIGHTING & FIRE LARM LAYOUT (PART C)

SHEET NUMBER:
TE-4.1C



GENERAL NOTES:

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
3. PROVIDE EMT CONDUIT IN AREAS WITH EXPOSED CEILINGS, BX CABLING IS NOT ACCEPTABLE UNLESS OTHERWISE NOTED. BX CABLES MAY BE USED FOR FINAL CONNECTIONS TO LIGHTING FIXTURES OR EQUIPMENT WITH A MAXIMUM HORIZONTAL RUN LENGTH OF 3 FEET / 1 METER. PAINT CONDUITS TO MATCH ARCHITECTURAL BACKGROUNDS. MOUNT EXIT SIGNS, OCCUPANCY SENSORS, EXIT SIGNS, CAMERAS, WAPS AND ALL OTHER CEILING MOUNTED DEVICES WITH STEMS SUCH THAT THEY ARE ON THE SAME PLANE AS SUSPENDED LIGHTING FIXTURES. COORDINATE CEILINGS AND WALL HEIGHTS WITH INTERIOR DESIGNER DRAWINGS.
4. REUSE CIRCUITS OBTAINED THROUGH DEMOLITION IS ACCEPTABLE.
5. CIRCUITS HAVE BEEN RE-ASSIGNED BASED ON AS BUILT DRAWINGS. VERIFY ACCURACY AND INFORM CONSULTANT OTHERWISE.
6. VERIFY EXACT POWER REQUIREMENTS AND RECEPTACLE TYPES FOR SPECIAL EQUIPMENT WITH MANUFACTURER PRIOR TO INSTALLATION. PROVIDE HARDWIRE CONNECTIONS FOR DISHWASHERS AND COPIERS ETC. IN LIEU OF RECEPTACLES OR VICE VERSA, AS REQUIRED.
7. REFER TO ARCHITECT'S DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
8. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
9. PROVIDE SUITABLE LABELS ON ALL RECEPTACLES, SYSTEM FURNITURE FEEDS, AND FAN COIL UNITS. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION. REVIEW LABEL SIZE AND TYPE WITH CONSULTANT PRIOR TO INSTALLATION.
10. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
11. ALLOW FOR THE REMOVAL AND RE-INSTALLATION OF SYSTEMS FURNITURE CONNECTIONS.
12. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
13. ROUTE ALL CONDUIT SYSTEMS AROUND DUCT WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE LAYOUT SHOWN. REFER TO MECHANICAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.

DRAWING NOTES:

(N-1) THE CONNECTRAC UNDER-CARPET RACEWAY SYSTEM SHALL CONSIST OF TWO (2) DUPLEX RECEPTACLES, PROVISION FOR DATA AND HDMI CABLING AND OUTLETS. CONTRACTOR SHALL COORDINATE THE FINAL LOCATIONS OF CONNECTRAC FLOOR MONUMENT AND RACEWAY ROUTING WITH YORK REGION PRIOR TO INSTALLATION. (TYP.)

(N-2) MEETING ROOM TV WALL OUTLETS AT THE FLOOR LEVEL AND BEHIND THE TV SHALL BE ALIGNED VERTICALLY, COORDINATE MOUNTING HEIGHT AND LOCATION WITH YORK REGION PRIOR TO INSTALLATION. (TYP.)

(N-3) RECEPTACLES WITH 'A' ARE WHIP CONNECTION FOR ALTOS WALL

(N-4) EXISTING WIRELESS ACCESS POINT TO REMAIN. (EXISTING WAP LOCATIONS ON DRAWINGS ARE APPROXIMATE). LABEL AND MAP OUT EACH WAP EXACT LOCATION PRIOR TO REMOVAL THEN REMOVE AND REINSTALL WIRELESS ACCESS POINT AT THE SAME LOCATION AS REQUIRED.

(N-5) EXACT LOCATION OF RECEPTACLES TO BE DETERMINED ON SITE BY YORK REGION

G.Bruce Stratton Architects

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SUBMISSION	DATE	DESCRIPTION
1	2022-03-14	ISSUED FOR 60% REVIEW
2	2022-04-27	ISSUED FOR 80% REVIEW
3	2022-05-30	ISSUED FOR 97% REVIEW
4	2022-06-13	ISSUED FOR TENDER

PROJECT CONTACT

NAME: COLIN HODDER
TEL: 416-487-8151
EMAIL: Colin.Hodder@smithandandersen.com

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NORTH:

ENGINEER:

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PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

SCALE: 1:100

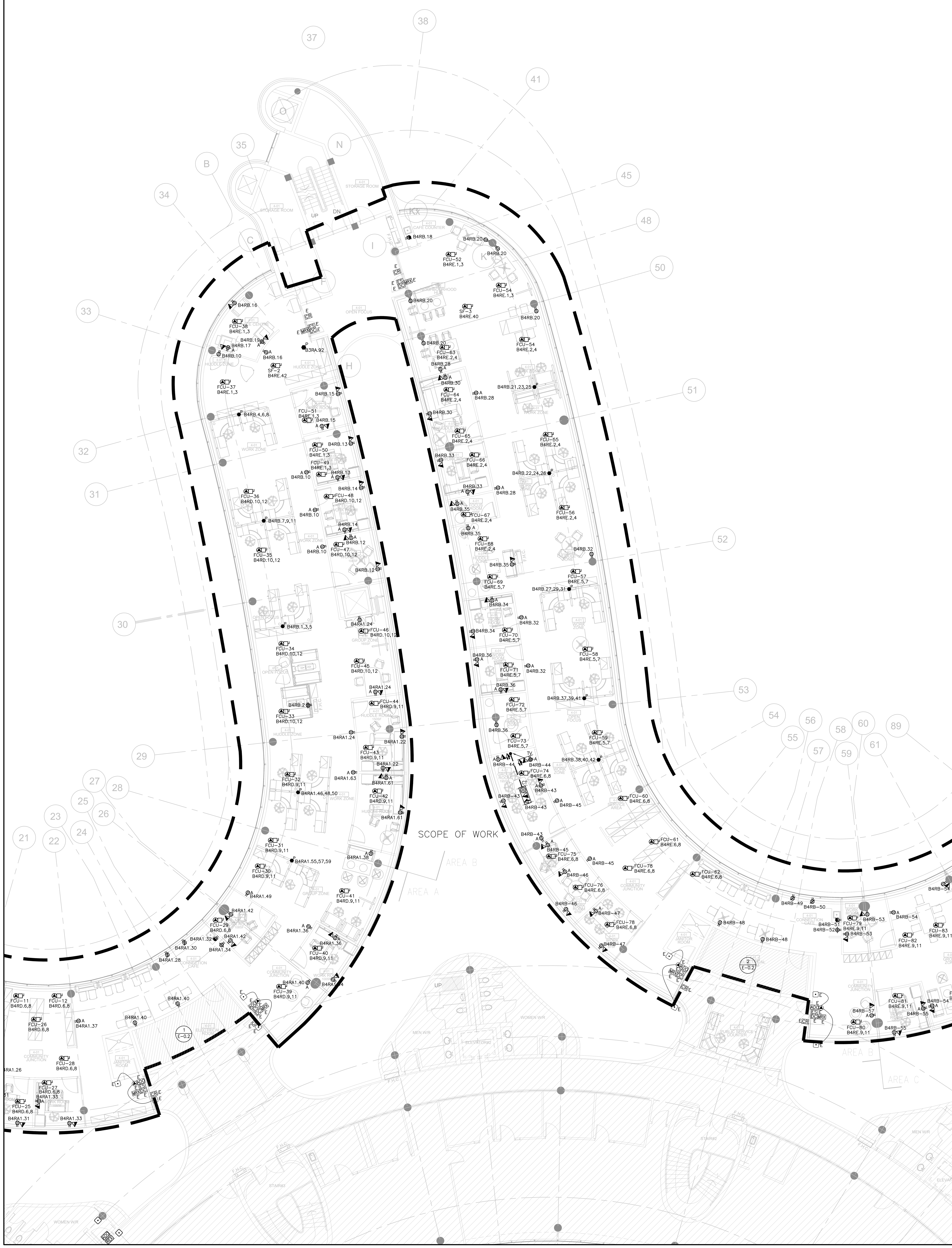
DRAWN BY: CH

REVIEWED BY: NC

SHEET TITLE:
PARTIAL LEVEL 4 – POWER & SYSTEMS LAYOUT (PART A)

SHEET NUMBER:

TE–4.2A



GENERAL NOTES:

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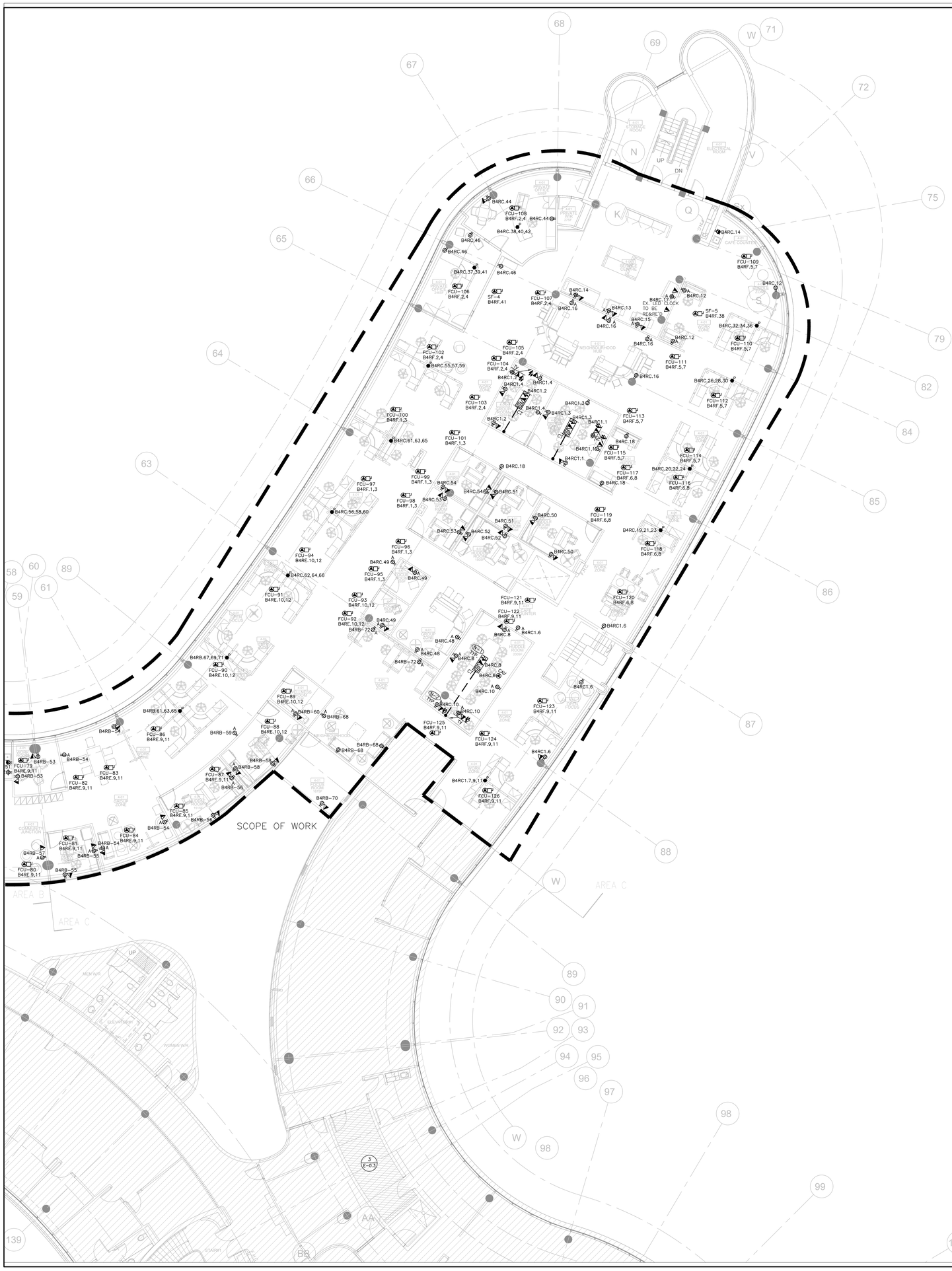
SCALE: 1:100
DRAWN BY: CH
REVIEWED BY: NC

SHEET TITLE:
PARTIAL LEVEL 4 – POWER & SYSTEMS LAYOUT (PART B)

SHEET NUMBER:
TE-4.2B



GENERAL NOTES:

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
3. PROVIDE EMT CONDUIT IN AREAS WITH EXPOSED CEILINGS. BX CABLING IS NOT ACCEPTABLE UNLESS OTHERWISE NOTED. BX CABLES MAY BE USED FOR FINAL CONNECTIONS TO LIGHTING FIXTURES OR EQUIPMENT WITH A MAXIMUM HORIZONTAL RUN LENGTH OF 3 FEET / 1 METER. PAINT CONDUITS TO MATCH ARCHITECTURAL BACKGROUNDS. MOUNT EXIT SIGNS, OCCUPANCY SENSORS, EXIT SIGNS, CAMERAS, WAPS AND ALL OTHER CEILING MOUNTED DEVICES WITH STEMS SUCH THAT THEY ARE ON THE SAME PLANE AS SUSPENDED LIGHTING FIXTURES. COORDINATE CEILINGS AND WALL HEIGHTS WITH INTERIOR DESIGNER DRAWINGS.
4. REUSE CIRCUITS OBTAINED THROUGH DEMOLITION IS ACCEPTABLE.
5. CIRCUITS HAVE BEEN RE-ASSIGNED BASED ON AS BUILT DRAWINGS. VERIFY ACCURACY AND INFORM CONSULTANT OTHERWISE.
6. VERIFY EXACT POWER REQUIREMENTS AND RECEPTACLE TYPES FOR SPECIAL EQUIPMENT WITH MANUFACTURER PRIOR TO INSTALLATION. PROVIDE HARDWIRE CONNECTIONS FOR DISHWASHERS AND COPIERS ETC. IN LIEU OF RECEPTACLES OR VICE VERSA, AS REQUIRED.
7. REFER TO ARCHITECT'S DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
8. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
9. PROVIDE SUITABLE LABELS ON ALL RECEPTACLES, SYSTEM FURNITURE FEEDS, AND FAN COIL UNITS. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION. REVIEW LABEL SIZE AND TYPE WITH CONSULTANT PRIOR TO INSTALLATION.
10. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
11. ALLOW FOR THE REMOVAL AND RE-INSTALLATION OF SYSTEMS FURNITURE CONNECTIONS.
12. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
13. ROUTE ALL CONDUIT SYSTEMS AROUND DUCT WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE LAYOUT SHOWN. REFER TO MECHANICAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.

DRAWING NOTES:

(N-1) THE CONNECTRAC UNDER-CARPET RACEWAY SYSTEM SHALL CONSIST OF TWO (2) DUPLEX RECEPTACLES, PROVISION FOR DATA AND HDMI CABLING AND OUTLETS. CONTRACTOR SHALL COORDINATE THE FINAL LOCATIONS OF CONNECTRAC FLOOR MONUMENT AND RACEWAY ROUTING WITH YORK REGION PRIOR TO INSTALLATION. (TYP.)

(N-2) MEETING ROOM TV WALL OUTLETS AT THE FLOOR LEVEL AND BEHIND THE TV SHALL BE ALIGNED VERTICALLY. COORDINATE MOUNTING HEIGHT AND LOCATION WITH YORK REGION PRIOR TO INSTALLATION. (TYP.)

(N-3) RECEPTACLES WITH 'A' ARE WHIP CONNECTION FOR ALTOS WALL

(N-4) EXISTING WIRELESS ACCESS POINT TO REMAIN. (EXISTING WAP LOCATIONS ON DRAWINGS ARE APPROXIMATE). LABEL AND MAP OUT EACH WAP EXACT LOCATION PRIOR TO REMOVAL THEN REMOVE AND REINSTALL WIRELESS ACCESS POINT AT THE SAME LOCATION AS REQUIRED.

(N-5) EXACT LOCATION OF RECEPTACLES TO BE DETERMINED ON SITE BY YORK REGION

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SUBMISSION	DATE	DESCRIPTION

PROJECT CONTACT

NAME: COLIN HODDER
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EMAIL: Colin.Hodder@smithandandersen.com

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STAMP:

NORTH:

ENGINEER:

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PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

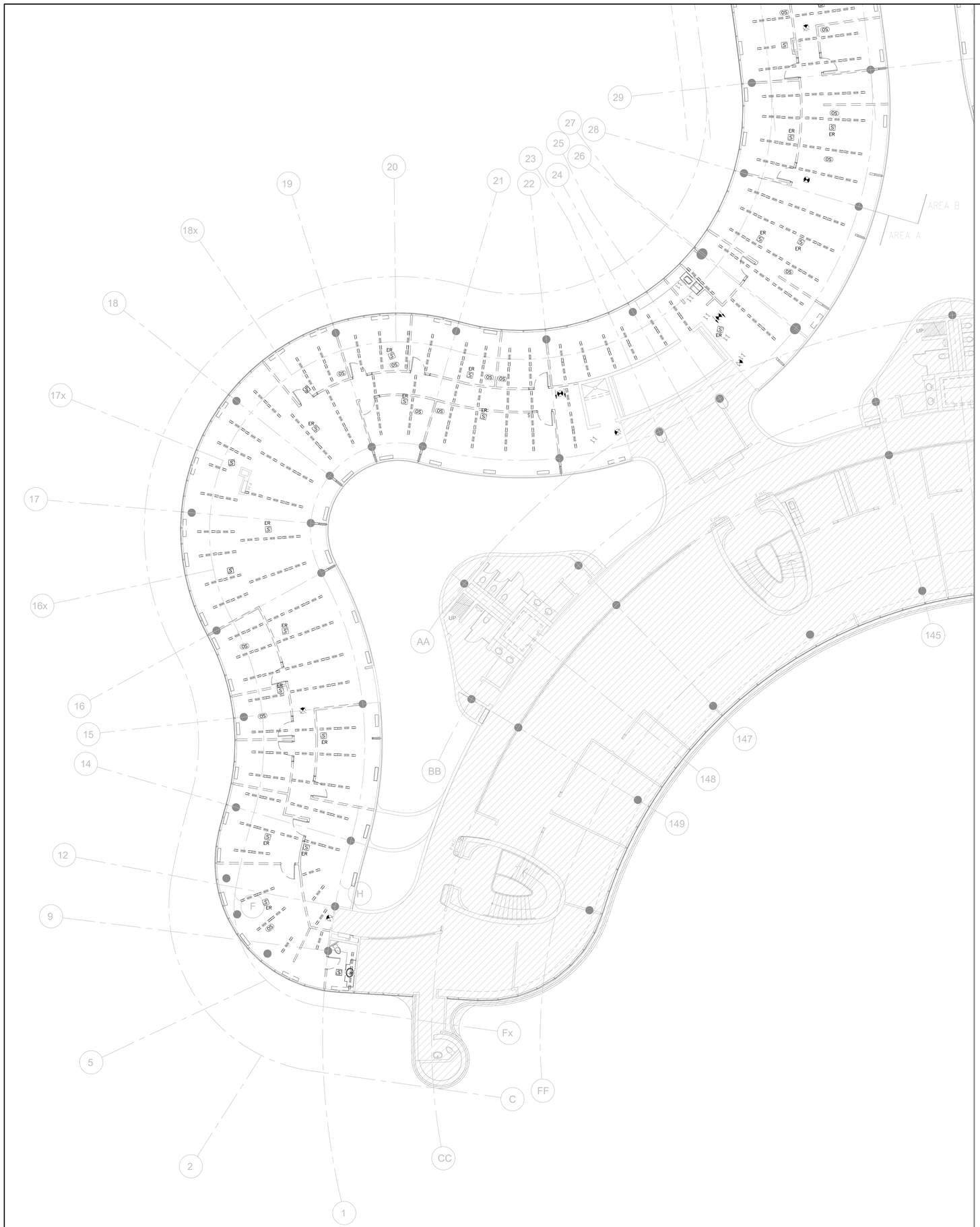
SCALE:	1:100
DRAWN BY:	CH
REVIEWED BY:	NC

SHEET TITLE:

PARTIAL LEVEL 4 – POWER & SYSTEMS LAYOUT (PART C)

SHEET NUMBER:

TE-4.2C



GENERAL NOTES:

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3. HOUSING FOR DEMO'D LINEAR FIXTURES SHALL BE RE-USED FOR TYPE L1 LIGHTING. REFER TO DRAWINGS E-3.1A AND E-3.1B FOR NEW LOCATIONS.
4. REMOVE ALL ASSOCIATED CONDUIT(S) AND WIRE BACK TO SOURCE. MAKE GOOD ALL FLOOR PENETRATIONS TO COMPLY WITH CURRENT LOCAL APPLICABLE CODES.
5. ENSURE THAT ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE, REMAIN LIVE OPERATIONAL, ISOLATED AND PROTECTED DURING CONSTRUCTION.
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2	2022-04-27	ISSUED FOR 80% REVIEW
3	2022-05-31	ISSUED FOR 97% REVIEW
4	2022-06-13	ISSUED FOR TENDER

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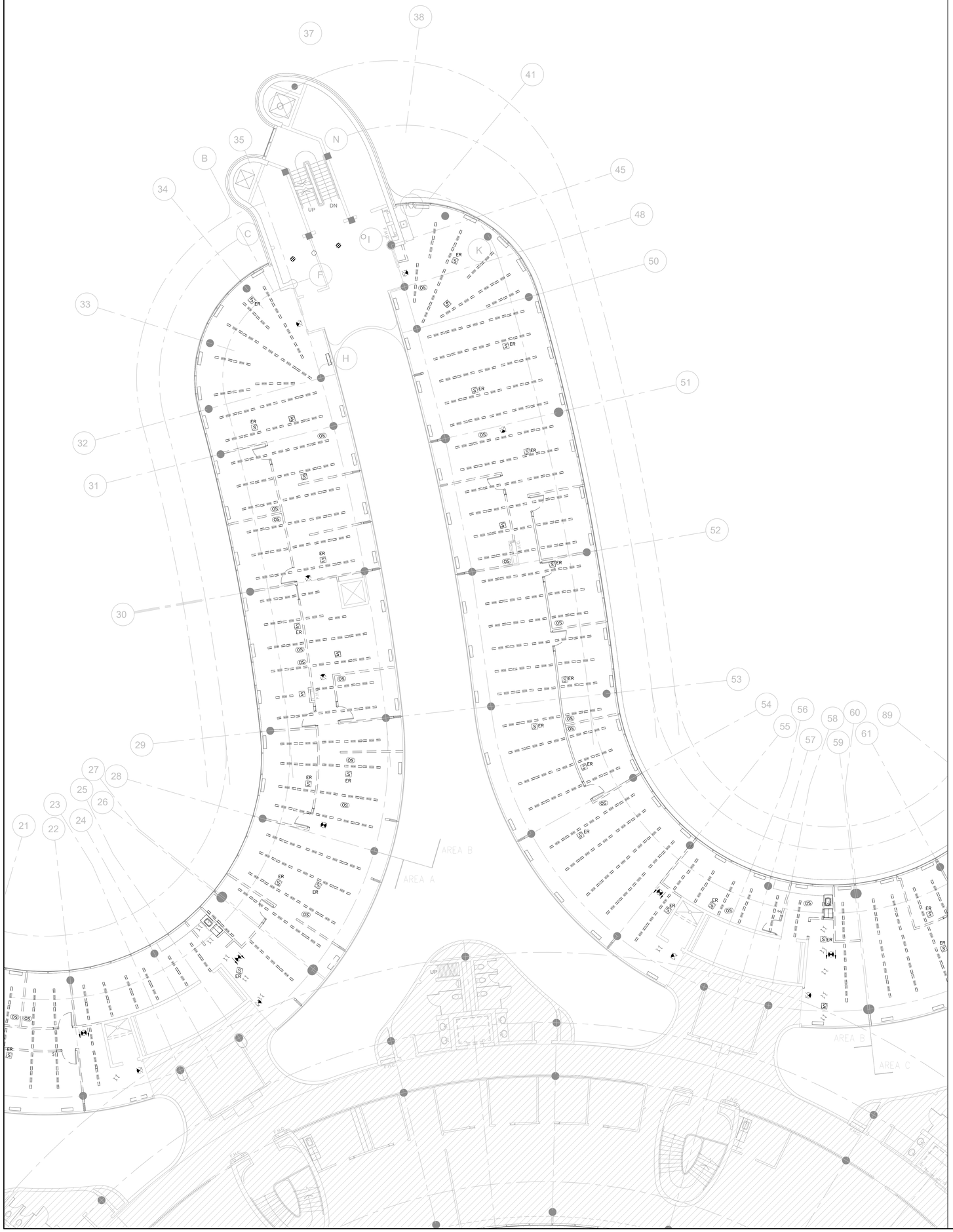
SHEET TITLE:

PARIAL LEVEL 4 – LIGHTING & FIRE ALARM DEMOLITION LAYOUT PART A

SHEET NUMBER:

TE-4.3A



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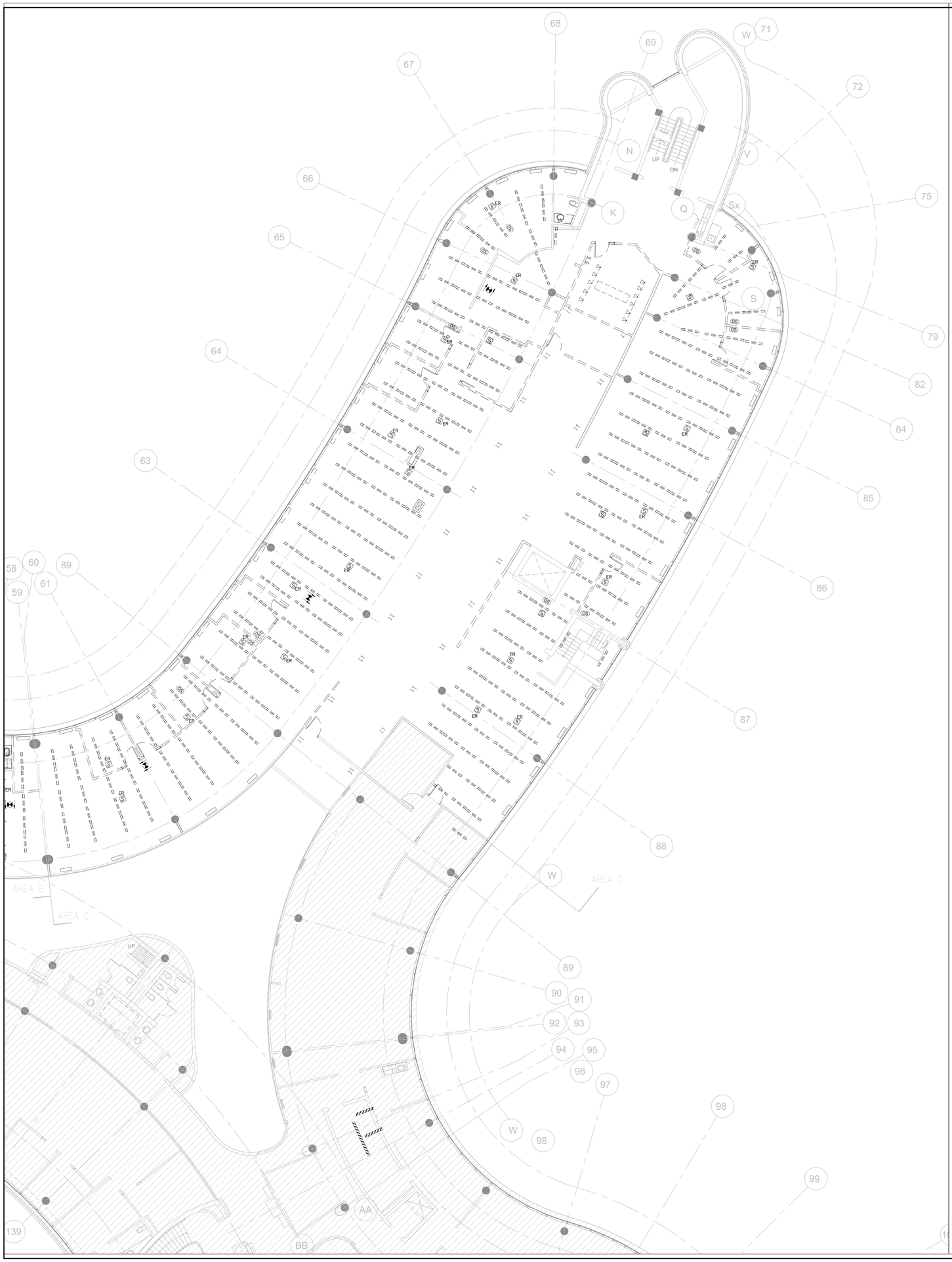
SHEET TITLE:

PARTIAL LEVEL 4 – LIGHTING & FIRE ALARM DEMOLITION LAYOUT (PART B

SHEET NUMBER:

TE–4.3B



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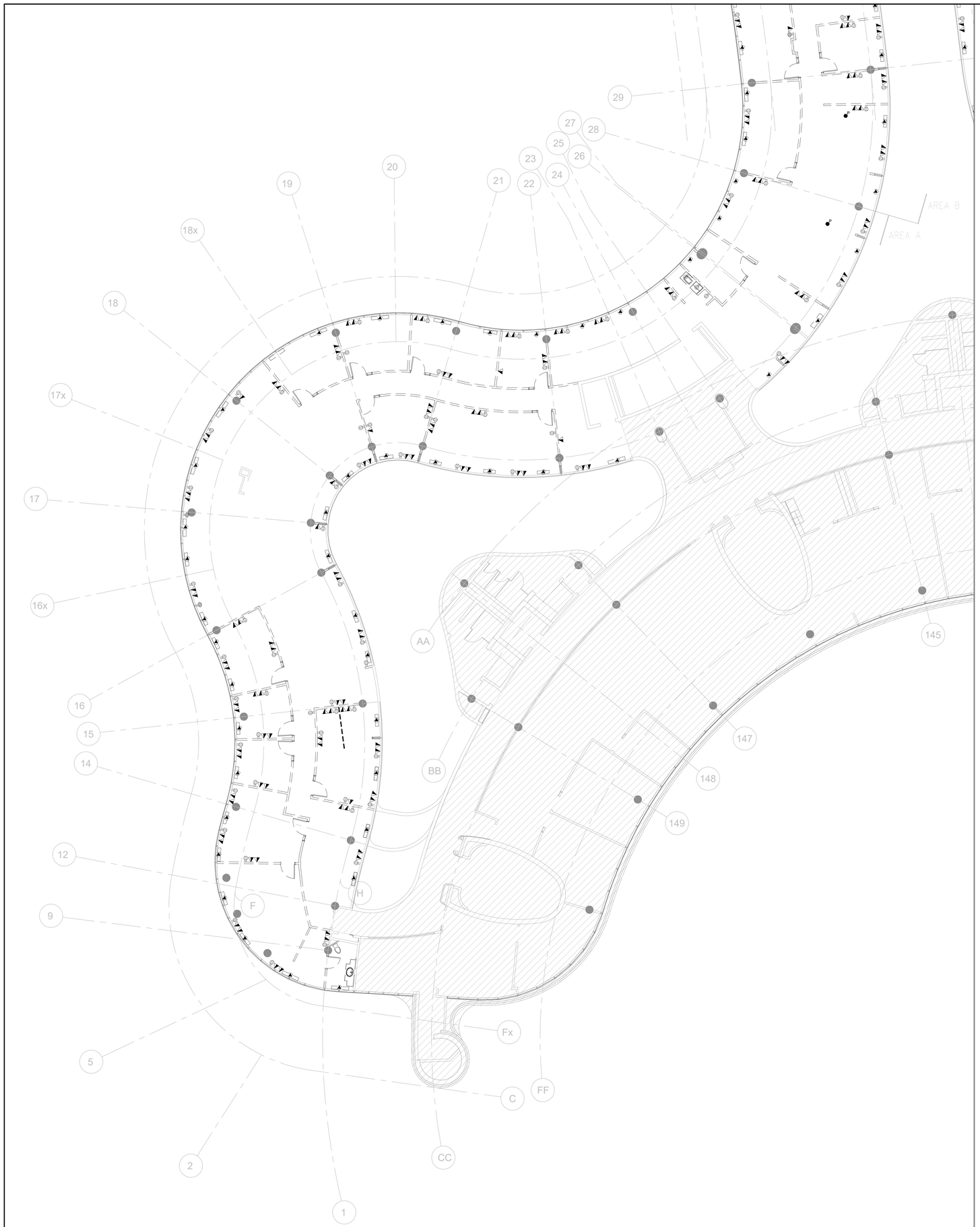
SHEET TITLE:

PARTIAL LEVEL 4 – LIGHTING & FIRE ALARM DEMOLITION LAYOUT (PART C

SHEET NUMBER:

TE-4.3C



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PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

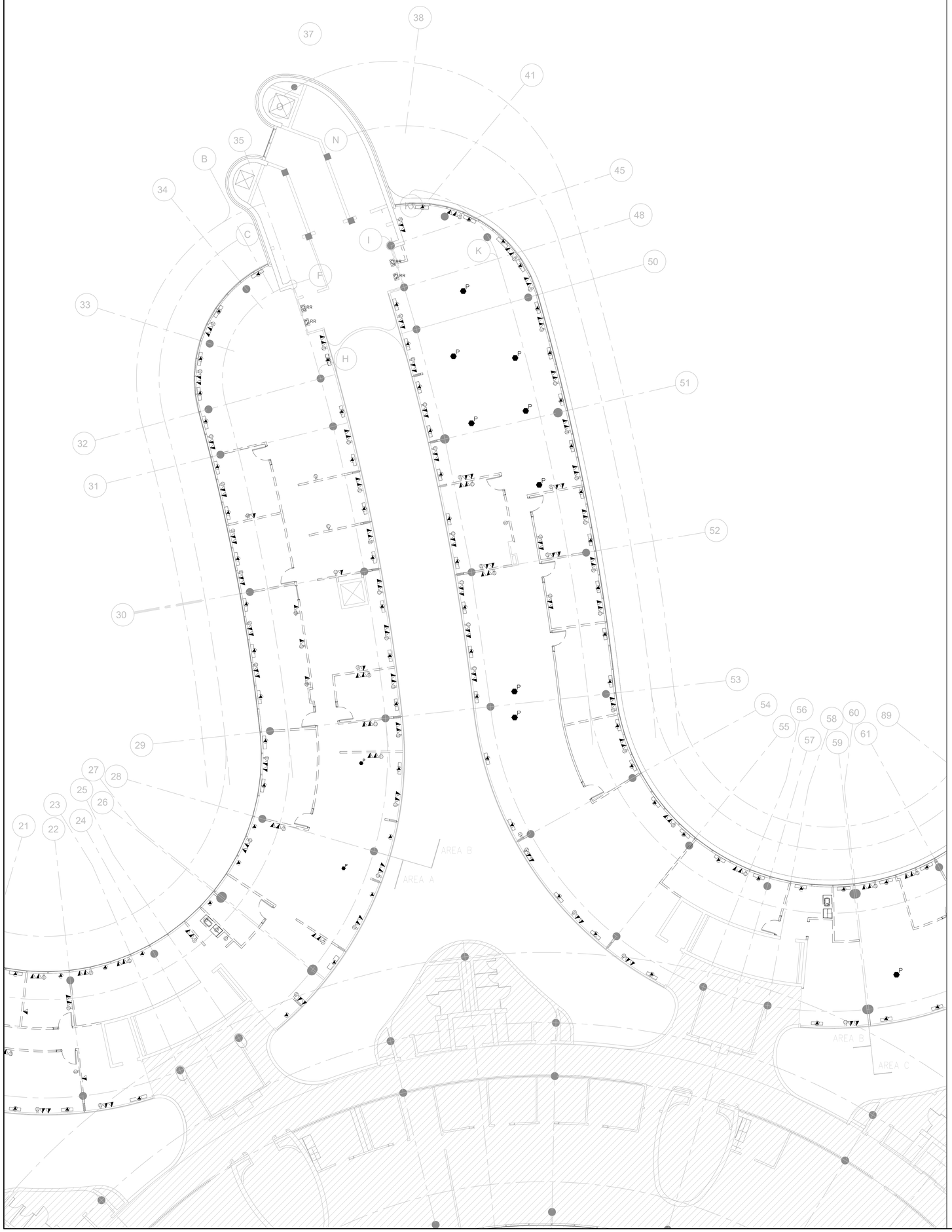
SCALE:	1:100
DRAWN BY:	CH
REVIEWED BY:	NC

SHEET TITLE:

PARTIAL LEVEL 4 – POWER & SYSTEMS DEMOLITON LAYOUT (PART A)

SHEET NUMBER:

TE–4.4A



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PROJECT:

YORK REGION

Administrative Centre
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Newmarket, Ontario

SCALE:	1:100
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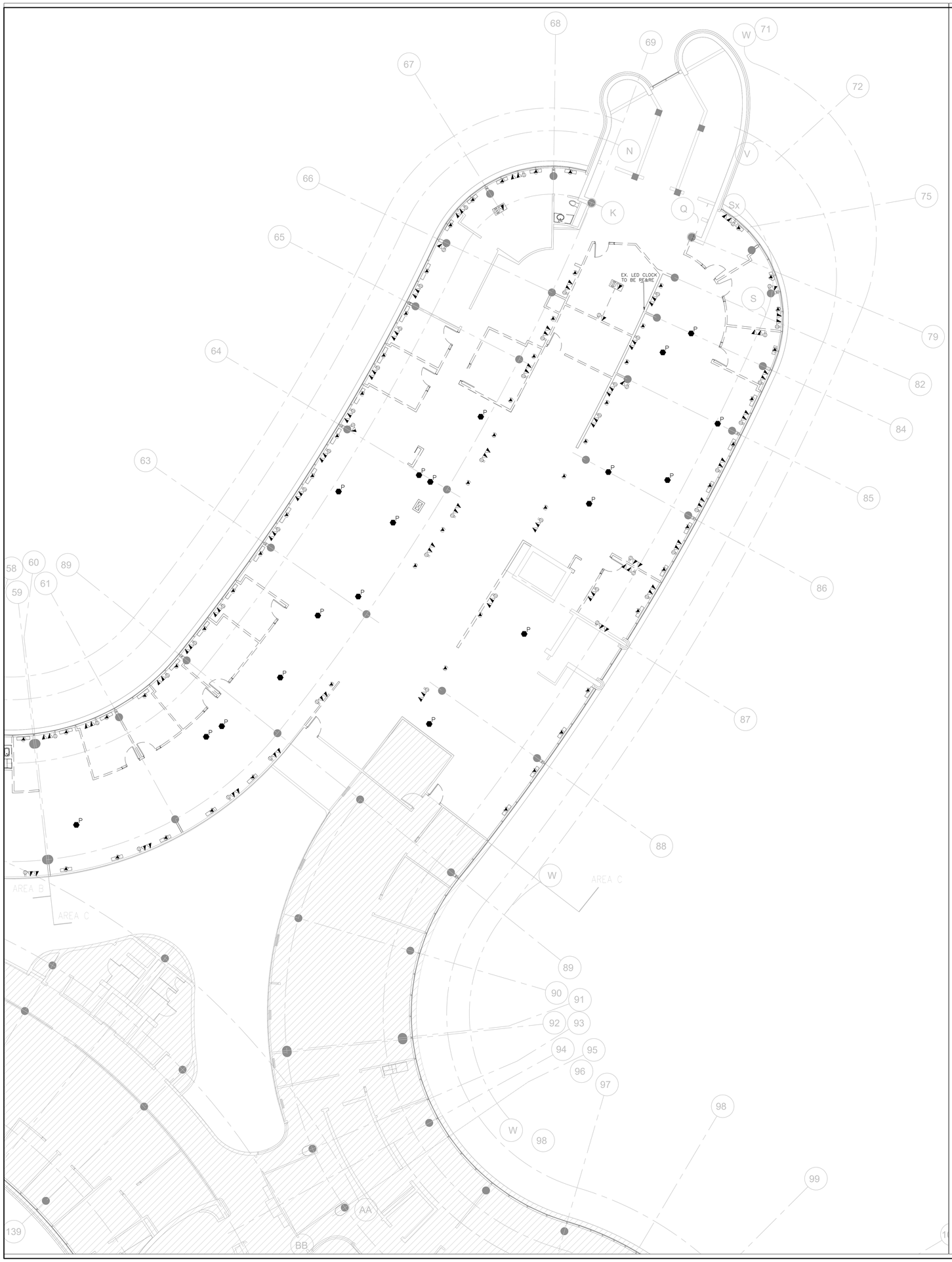
REVIEWED BY:	NC

SHEET TITLE:

PARTIAL LEVEL 4 – POWER & SYSTEMS DEMOLITON LAYOUT (PART B)

SHEET NUMBER:

TE–4.4B



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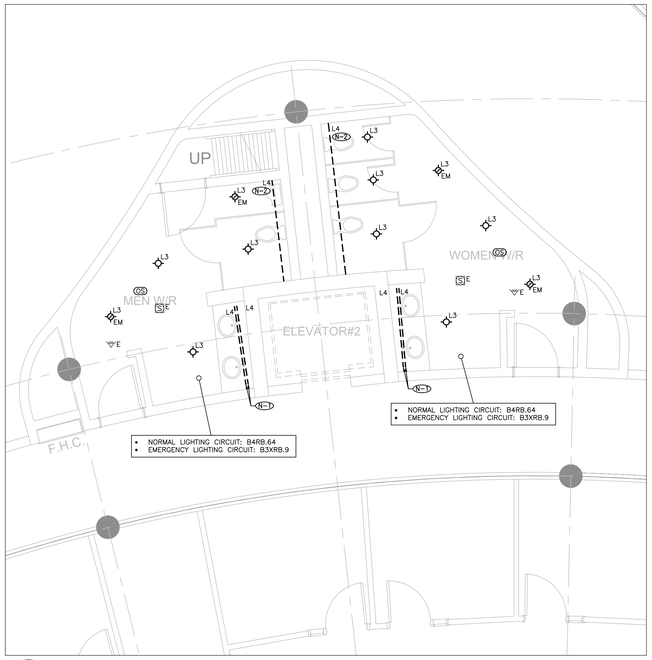
SHEET TITLE:

PARTIAL LEVEL 4 – POWER & SYSTEMS DEMOLITON LAYOUT (PART C)

SHEET NUMBER:

TE–4.4C

3 / E-4.5 LEVEL 4 CEILING PLAN – W/R'S 4-88 & 4-89
SCALE: 1:50



2 / E-4.5 LEVEL 4 CEILING PLAN – W/R'S 4-90 & 4-91
SCALE: 1:50

1 / E-4.5 LEVEL 4 CEILING PLAN – W/R'S 4-92 & 4-93
SCALE: 1:50

GENERAL NOTES:

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2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
3. RE-USE CIRCUITS OBTAINED THROUGH DEMOLITION.
4. ALL NEW LED LUMINAIRES SHALL BE CHAIN HUNG AND SUPPORTED FROM THE SLAB ABOVE. PROVIDE LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
5. REWORK EXISTING EMERGENCY LIGHTING TO ACHIEVE NEW EMERGENCY LIGHTING AS SHOWN. CONNECT NEW AND/OR RELOCATED LUMINAIRES TO NEAREST EMERGENCY LIGHTING CIRCUITS ON THIS FLOOR. IF NEW EMERGENCY BRANCH CIRCUITS ARE REQUIRED FOR EMERGENCY LIGHTING AND EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON A DIFFERENT STOREY (i.e. NOT LOCATED ON SAME FLOOR), THEN NEW BRANCH CIRCUIT WIRING SHALL BE 2-HOUR FIRE RATED (i.e. MI CABLE) TO FIRST EMERGENCY LIGHT FED. IF EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON THE SAME STOREY, THE NEW BRANCH CIRCUIT WIRING DOES NOT NEED TO BE FIRE RATED. PROVIDE LOCK-ON BREAKERS TO SUIT.
6. MEASURE THE ILLUMINATION OF THE FLOOR AT NIGHT WITH EMERGENCY LIGHTING ON ONLY, AND SEND A DRAWING SHOWING THE MAXIMUM AND MINIMUM LEVEL OF ILLUMINATION, TO THE CONSULTING ENGINEER, FOR REVIEW. PROVIDE WRITTEN CONFIRMATION THAT EMERGENCY LIGHTING HAS BEEN INSTALLED IN ACCORDANCE WITH CONTRACT DOCUMENTS AND LATEST EDITION OF THE ONTARIO BUILDING CODE SECTIONS 3.2.7.3 AND 3.2.7.4. LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
7. ALL MODIFICATIONS TO FIRE ALARM SYSTEM AND DEVICES TO BE COMPLETED BY BASE BUILDING FIRE ALARM CONTRACTOR AND VENDOR/MANUFACTURER. BASE BUILDING FIRE ALARM CONTRACTOR/VENDOR/MANUFACTURER IS RESPONSIBLE TO ENSURE THAT ALL ADDITIONAL COMPONENTS (MATERIAL, SOFTWARE, INCLUDING ANY LABOUR TO INSTALL OR MODIFY FIRE ALARM DEVICES) ARE INCLUDED FOR BASED ON ISSUED DRAWINGS. ELECTRICAL CONTRACTOR TO ALLOW FOR ALL ASSOCIATED COSTS. NEW FIRE ALARM SPEAKER/STROBES ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW SPEAKER/STROBES TO EXISTING CIRCUITS, WHERE THERE IS SPARE CAPACITY ON RESPECTIVE CIRCUITS. IF THERE IS NO CAPACITY ON EXISTING CIRCUITS, PROVIDE NEW FIRE ALARM CIRCUITS. ALLOW FOR ALL ASSOCIATED COSTS INCLUDING BUT NOT LIMITED TO; ASSOCIATED EQUIPMENT, DEVICES, PROGRAMMING, TESTING AND VERIFICATION TO MAKE SYSTEM OPERATIONAL AND CODE COMPLIANT. ALL FIRE ALARM VERIFICATION SHALL CONFORM TO CAN/ULC-S537 LATEST EDITION. FIRE ALARM SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH CAN/ULC-S524 LATEST EDITION. INCLUDE IN THE COST TO PROVIDE TWO (2) ADDITIONAL FIRE ALARM SPEAKERS AND ONE (1) ADDITIONAL AUDIBILITY VERIFICATION.
8. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.
9. REUSE EXISTING CIRCUIT FOUND IN CEILING SPACE FOR ALL NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO-ORDINATED WITH THE REGION AND REARRANGED TO SUIT NEW LAYOUT. ALL LIGHTING, EXCLUDING EMERGENCY, WITHIN THE TENANT PREMISES TO BE ON A SEPARATE LIGHTING ZONE AND TO BE CONTROLLED BY BASE BUILDING LIGHTING CONTROL SYSTEM. PROVIDE ALL NECESSARY RELAYS, CONTACTORS, RELAY PANELS, AND DRY INTERFACES REQUIRED FOR SUCH CONTROL. INCLUDE COST IN THIS CONTRACT.
10. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.
11. ALL CEILING MOUNTED OCCUPANCY SENSORS PROVIDED AS PART OF THIS SCOPE OF WORK MUST BE LOCATED AT LEAST 6'0" AWAY FROM ANY SUPPLY AIR DIFFUSER AND RETURN AIR GRILLE AS PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION ON SITE WITH MECHANICAL CONTRACTOR PRIOR TO COMMENCING WORK.

DRAWING NOTES:

(N-1) ONE (1) SECTION OF TYPE 'L3' LED COVE LIGHT TO RUN ABOVE AND BEHIND THE MIRROR, AND ONE (1) SECTION TO RUN BELOW AND BEHIND MIRROR FOR ACCENT LIGHTING. (TYP.)

(N-2) PROVIDE ONE (1) 250VA, 347V-120V, 1¢ STEP DOWN TRANSFORMER INSTALLED IN THE CEILING SPACE FOR ALL THE TYPE 'L3' LED STRIP LIGHT (COVE AND MIRROR) 120V REMOTE DRIVER IN EACH WASHROOM. COORDINATE EXACT TRANSFORMER MOUNTING LOCATION ON SITE. (TYP.)

(N-3) RE-USE CIRCUITS OBTAINED THROUGH DEMOLITION WHERE POSSIBLE. CIRCUITING SHOWN ON THE PLAN ARE FOR REFERENCE ONLY. INCLUDE IN THE COST TO UTILIZE TWIN BREAKERS WHERE NECESSARY DUE TO LIMITED BRANCH SPACE AVAILABLE ON THE EXISTING PANEL. (TYP.)

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1	2022-04-27	ISSUED FOR 80% REVIEW
2	2022-05-31	ISSUED FOR 97% REVIEW
3	2022-06-13	ISSUED FOR TENDER

PROJECT CONTACT

NAME: COLIN HODDER
TEL: 416-487-8151
EMAIL: Colin.Hodder@smithandandersen.com

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STAMP:

NORTH:

ENGINEER:

Smith + Andersen
1100 – 100 Sheppard Ave, East, Toronto On, M2N 6N5
416 487 8151 f 416 487 8104 smithandandersen.com

PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

SCALE: 1:50

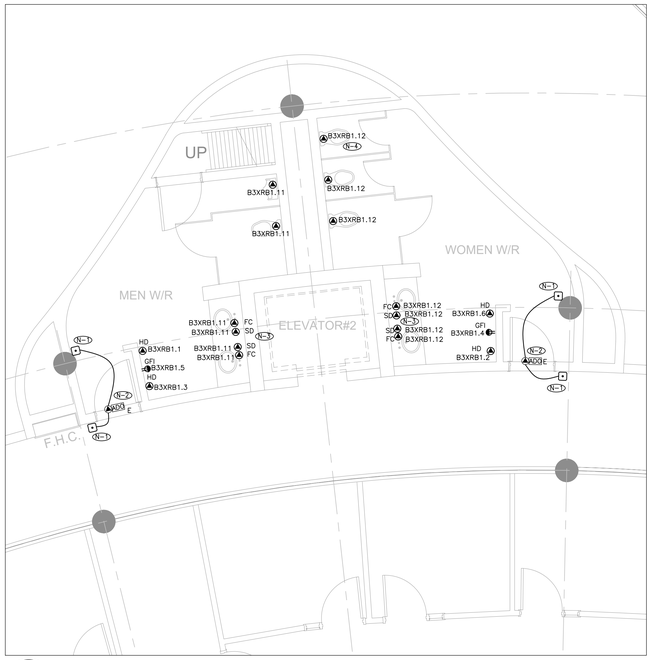
DRAWN BY: CH

REVIEWED BY: NC

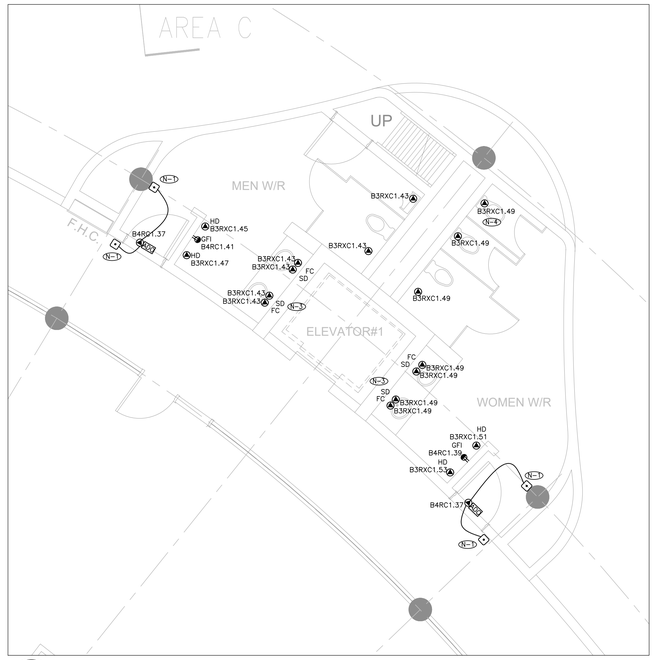
SHEET TITLE:
4TH FLOOR WASHROOM LIGHTING & FIRE ALARM LAYOUT

SHEET NUMBER:
TE-4.5

3 / E-4.6 LEVEL 4 PARTITION PLAN – W/R'S 4-88 & 4-89
SCALE: 1:50



2 / E-4.6 LEVEL 4 PARTITION PLAN – W/R'S 4-90 & 4-91
SCALE: 1:50



1 / E-4.6 LEVEL 4 PARTITION PLAN – W/R'S 4-92 & 4-93
SCALE: 1:50

GENERAL NOTES:

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
3. REUSE CIRCUITS OBTAINED THROUGH DEMOLITION IS ACCEPTABLE.
4. REFER TO ARCHITECT'S DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
5. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
6. PROVIDE SUITABLE LABELS ON ALL RECEPTACLES AND SYSTEM FURNITURE FEEDS. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION. REVIEW LABEL SIZE AND TYPE WITH CONSULTANT PRIOR TO INSTALLATION.
7. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
8. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
9. ROUTE ALL CONDUIT SYSTEMS AROUND DUCT WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE LAYOUT SHOWN. REFER TO MECHANICAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
10. PROVIDE FIRE STOPPING AS REQUIRED. PROVIDE PULL STRINGS IN ALL EMPTY CONDUIT. COORDINATE ROUTING AND TERMINATION POINTS OF ALL CONDUITS WITH GENERAL CONTRACTOR.

DRAWING NOTES:

(N-1) PROVIDE NEW CAMDEN #CM-330/40W TOUCHLESS AUTOMATIC DOOR OPERATOR FOR WASHROOM INTERIOR. PROVIDE NEW CAMDEN #CM-45/4 PUSH BUTTON AUTOMATIC DOOR OPERATOR FOR WASHROOM EXTERIOR. COORDINATE INSTALLATION WITH THE DRYWALL CONTRACTOR ON SITE. (TYP.)

(N-2) RECONNECT NEW TOUCHLESS AUTOMATIC DOOR OPERATOR TO THE EXISTING AUTOMATIC DOOR OPERATOR TO ENSURE FULL FUNCTIONALITY.

(N-3) VERIFY EXACT POWER REQUIREMENTS AND RECEPTACLE TYPES FOR SPECIAL EQUIPMENT WITH MANUFACTURER PRIOR TO INSTALLATION. PROVIDE HARDWIRE CONNECTIONS FOR AUTOMATIC WATER FAUCET "FC", SOAP DISPENSER "SD", AND HAND DRYER "HD", ETC. IN LIEU OF RECEPTACLES OR VICE VERSA, AS REQUIRED.

(N-4) PROVIDE TANDEM BREAKERS FOR CIRCUITS SHOWN AS A/B. (TYP.)

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ENGINEER:

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PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

SCALE: 1:50

DRAWN BY: CH

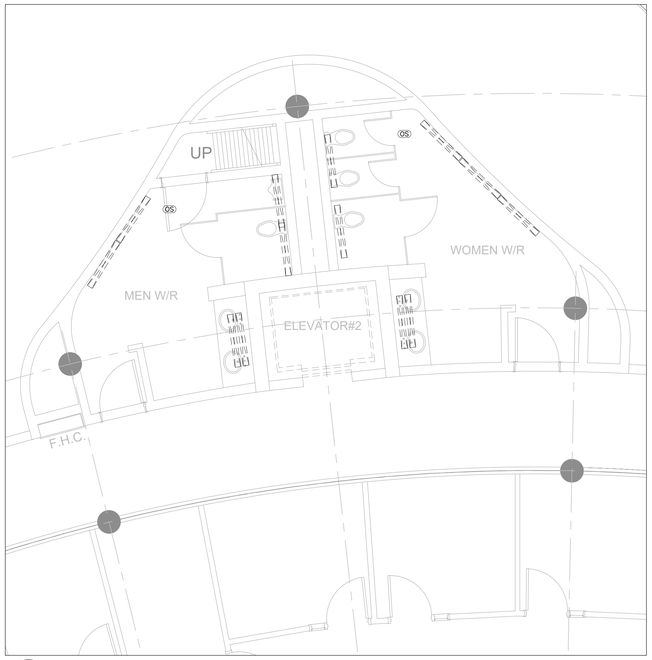
REVIEWED BY: NC

SHEET TITLE:
4TH FLOOR WASHROOMS
POWER & SYSTEMS LAYOUT

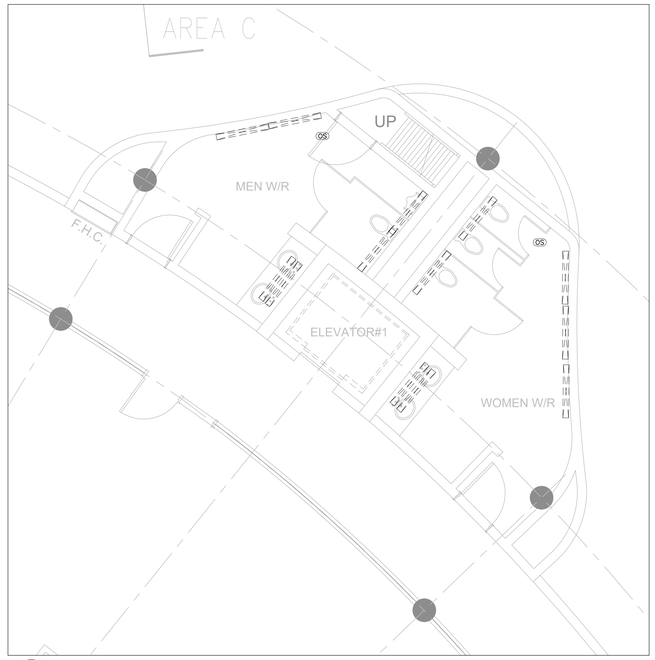
SHEET NUMBER:

TE-4.6

3 / E-4.7 LEVEL 4 CEILING DEMOLITION – W/R'S 4-88 & 4-89
SCALE: 1:50



2 / E-4.7 LEVEL 4 CEILING DEMOLITION – W/R'S 4-90 & 4-91
SCALE: 1:50



1 / E-4.7 LEVEL 4 CEILING DEMOLITION – W/R'S 4-92 & 4-93
SCALE: 1:50

GENERAL NOTES:

1. REFER TO THE ARCHITECT'S DRAWINGS TO DETERMINE COMPLETE EXTENT OF DEMOLITION AND ALLOW FOR ALL COSTS. COMPLETE EXTENT OF DEMOLITION IS NOT SHOWN.
2. REMOVE ALL LIGHTING EQUIPMENT, CABLING AND CONDUIT NOT REQUIRED, TO SUIT NEW LAYOUT AND MAKE SAFE. VISIT SITE TO DETERMINE EXACT REQUIREMENTS AND REFER TO DEMOLITION DRAWINGS.
3. ENSURE THAT ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE, REMAIN LIVE OPERATIONAL, ISOLATED AND PROTECTED DURING CONSTRUCTION.
4. NO ADDITIONAL COST WILL BE APPROVED FOR ANY REVISIONS/MODIFICATIONS REQUIRED BY ANY TRADE OR CONTRACTOR DUE TO THE LACK OF COORDINATION BETWEEN TRADES AND CONTRACTORS.
5. COORDINATE WITH GENERAL CONTRACTOR AND THE REGION FOR DISPOSAL OF ALL MATERIALS FROM SITE.

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PROJECT:

YORK REGION

Administrative Centre
17250 Yonge Street
Newmarket, Ontario

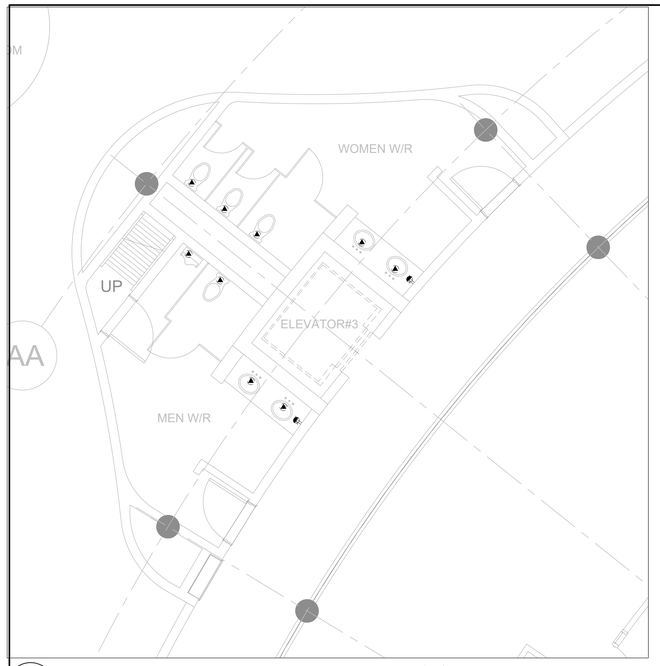
SCALE: 1:50

DRAWN BY: CH

REVIEWED BY: NC

SHEET TITLE:
4TH FLOOR WASHROOMS
LIGHTING & FIRE ALARM
DEMOLITION LAYOUT

SHEET NUMBER:
TE-4.7



3 / E-4.8 LEVEL 4 DEMOLITION PLAN – W/R'S 4-88 & 4-89
SCALE: 1:50

2 / E-4.8 LEVEL 4 DEMOLITION PLAN – W/R'S 4-90 & 4-91
SCALE: 1:50

1 / E-4.8 LEVEL 4 DEMOLITION PLAN – W/R'S 4-92 & 4-93
SCALE: 1:50

GENERAL NOTES:

1. REFER TO THE ARCHITECT'S DRAWINGS TO DETERMINE COMPLETE EXTENT OF DEMOLITION AND ALLOW FOR ALL COSTS. COMPLETE EXTENT OF DEMOLITION IS NOT SHOWN.
2. REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, TELEPHONE/DATA OUTLETS, CABLING AND CONDUIT NOT REQUIRED, TO SUIT NEW LAYOUT AND MAKE SAFE. VISIT SITE TO DETERMINE EXACT REQUIREMENTS AND REFER TO DEMOLITION DRAWINGS.
3. ENSURE THAT ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE, REMAIN LIVE OPERATIONAL, ISOLATED AND PROTECTED DURING CONSTRUCTION.
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REVIEWED BY: NC

SHEET TITLE:
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SHEET NUMBER:

TE-4.8