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 AND DISCONNECT	PB	PULL BOX
	MOTOR AND RELAY DISCONNECT DISCONNECT		GROUND BUS
	MOTOR AND COMBINATION STARTER WITH INTEGRAL DISCONNECT		DENOTES RECEPTACLE TYPE. REFER TO RECEPTACLE SCHEDULE.
			UTILITY METERING CABINET
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.		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

7 TE-0.1 POWER LEGEND 2 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE POLE LINE VOLTAGE LIGHT SWITCH		
	2 GANG - LINE VOLTAGE LIGHT SWITCH		
	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		
	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

5 TE-0.1 LIGHTING LEGEND 2 OF 2

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.
SS	10 MINUTES SILENCE SWITCH FOR SPEAKERS IN SUITES		
ANCILLARY DEVICES			
ISO	ISOLATION MODULE	PACP	TROUBLE AND ALARM CONNECTION TO PRE-ACTION CONTROL PANEL
CTL	FIELD INSTALLED ADDRESSABLE CONTROL POINT		FLOOR MOUNTED DOOR HOLD OPEN DEVICE
FIRE	"FIRE, DO NOT ENTER" SIGN		WALL MOUNTED DOOR HOLD OPEN DEVICE
FPG	FIRE ALARM PASSIVE GRAPHIC		FIRE ALARM PANEL. CONTROL, DGP OR ANNUNCIATOR AS NOTED.
VDT	VIDEO DISPLAY TERMINAL, FOR BUILDING OPERATIONS PERSONNEL		END-OF-LINE RESISTOR TERMINATION
HS	SUPERVISED FIRE FIGHTERS HAND SET		SMOKE DAMPER, USED IN CONJUNCTION WITH MONITORING DEVICE FOR POSITION ANNUNCIATION AND CONTROL DEVICE
FASD	FIRE ALARM SHUT DOWN		
FASU	FIRE ALARM START UP		
RT	REMOTE TESTING STATION FOR DUCT SMOKE DETECTORS		
MON	FIELD INSTALLED MONITORING MODULE FOR ALARM OR SUPERVISORY		

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

3 TE-0.1 FIRE ALARM LEGEND 2 OF 2

ELECTRICAL DRAWING LIST

DRAWING No.	DRAWING NAME
TE-0.1	ELECTRICAL DRAWING LIST AND LEGEND
TE-0.2	ELECTRICAL LEGEND AND DETAIL
TE-0.3	ELECTRICAL DETAILS
TE-0.4	ELECTRICAL DETAILS
TE-0.5	ELECTRICAL DETAILS
TE-0.6	ELECTRICAL DETAILS
TE-0.7	PANEL SCHEDULES
TE-0.8	PANEL SCHEDULES
TE-1.1	PARTIAL GROUND FLOOR LIGHTING & FIRE ALARM LAYOUT
TE-1.2	PARTIAL GROUND FLOOR POWER & SYSTEMS LAYOUT
TE-1.3	PARTIAL GROUND FLOOR LIGHTING & FIRE ALARM DEMOLITION LAYOUT
TE-1.4	PARTIAL GROUND FLOOR POWER & SYSTEMS DEMOLITION LAYOUT
TE-1.1A	PARTIAL GROUND FLOOR ELECTRICAL LAYOUT
TE-2.1A	PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM LAYOUT
TE-2.2A	PARTIAL SECOND FLOOR POWER & SYSTEMS LAYOUT
TE-2.3A	PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM DEMOLITION LAYOUT
TE-2.4A	PARTIAL SECOND FLOOR POWER & SYSTEMS DEMOLITION LAYOUT
TE-2.1B	PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM LAYOUT
TE-2.2B	PARTIAL SECOND FLOOR POWER & SYSTEMS LAYOUT
TE-2.3B	PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM DEMOLITION LAYOUT
TE-2.4B	PARTIAL SECOND FLOOR POWER & SYSTEMS DEMOLITION LAYOUT
TE-2.1C	PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM LAYOUT
TE-2.2C	PARTIAL SECOND FLOOR POWER & SYSTEMS LAYOUT
TE-2.3C	PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM DEMOLITION LAYOUT
TE-2.4C	PARTIAL SECOND FLOOR POWER & SYSTEMS DEMOLITION LAYOUT
TE-3.1	PARTIAL THIRD FLOOR LIGHTING & FIRE ALARM LAYOUT
TE-3.2	PARTIAL THIRD FLOOR POWER & SYSTEMS LAYOUT
TE-3.3	PARTIAL THIRD FLOOR LIGHTING & FIRE ALARM DEMOLITION LAYOUT
TE-3.4	PARTIAL THIRD FLOOR POWER & SYSTEMS DEMOLITION LAYOUT

CLOSEOUT DOCUMENT CHECKLIST

ELECTRICAL CONTRACTOR SHALL PROVIDE THE FOLLOWING DOCUMENTS **FIVE (5) DAYS PRIOR TO OCCUPANCY:**

- ESA CERTIFICATE
  (NOTING ALL NEW DEVICE TYPES AND QUANTITIES TESTED)
- EMERGENCY LIGHTING LETTER
  (LETTER SHALL STATE 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].)
- CHAIN HUNG LIGHTING LETTER
  (WRITTEN CONFIRMATION ALL NEW AND RELOCATED CEILING LIGHTING FIXTURES HAVE BEEN SUPPORTED FROM THE STRUCTURE INDEPENDENT FROM SUSPENDED CEILING)
- FIRE ALARM VERIFICATION REPORT
  (COMPLETE WITH AUDIBILITY LEVELS. MUSIC SYSTEM SHUT DOWN RELAY INTEGRATION TESTED WITH FIRE ALARM SYSTEM AND NO DEFICIENCIES)

1 TE-0.1 ELECTRICAL DRAWING LIST

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	LRX	LATCH BOLT MONITOR REQUEST TO EXIT
BR	BIOMETRIC READER	MKR	MAGLOCK KEY RESET SWITCH
CR	CARD READER	MHO	MAGNETIC DOOR HOLD/OPEN DEVICE
CMS	CENTRAL MANAGEMENT STATION	ML	MAGNETIC LOCK
DA	DOOR ALARM	MRX	MOTION REQUEST TO EXIT
DC	DOOR CONTACT	PSCU	POWER SUPPLY CONTROL UNIT
EHO	ELECTRIC DOOR HOLD/OPEN DEVICE		PUSH BUTTON DOOR OPERATOR
ELR	ELECTRIC LATCH RETRACTION	PRX	PUSH BUTTON REQUEST TO EXIT
EML	ELECTRIC MORTISE LOCK	RR	REMOTE RELEASE
ES	ELECTRIC STRIKE	RFN	RF NODE
STW	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	RFRM	RF READER MASTER
IRR	INFRARED READER	RFR	RF READER
RDU	REMOTE DISPLAY UNIT	RFER	RF ETHERNET READER
LAR	LOCAL AREA RECEIVER	RFLR	RF LONG RANGE READER

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

8 TE-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		FLOOR POKE THROUGH AS ABOVE WITH AUDIO/VISUAL REQUIREMENT. REFER TO DETAIL.
	WALL MOUNTED QUADPLEX RECEPTACLE 120 VOLT, 15 AMP, CSA 5-15R		
	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, 3Ø 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

6 TE-0.1 POWER LEGEND 1 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.	B	EMERGENCY LIGHTING BATTERY UNIT C/W NUMBER OF HEADS SHOWN
	WALL MOUNTED EMERGENCY SINGLE REMOTE HEAD	B	EMERGENCY LIGHTING BATTERY UNIT
	WALL MOUNTED EMERGENCY DOUBLE REMOTE HEAD	B	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

4 TE-0.1 LIGHTING LEGEND 1 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
ALARM INITIATING DEVICES			
	CEILING MOUNTED PHOTO-ELECTRIC SMOKE DETECTOR		AIR SAMPLING SYSTEM C/W SUPERVISORY AND ALARM ZONE
	WALL MOUNTED PHOTO-ELECTRIC SMOKE DETECTOR		MANUAL PULL STATION
	CEILING MOUNTED PHOTO-ELECTRIC SMOKE DETECTOR C/W RELAY BASE	FS	ALARM FLOW SWITCH (SUPPLIED BY OTHERS)
	CEILING MOUNTED RATE-OF-RISE HEAT DETECTOR	PS	ALARM PRESSURE SWITCH (SUPPLIED BY OTHERS)
	WALL MOUNTED RATE-OF-RISE HEAT DETECTOR	ACV	ALARM CHECK VALVE (SUPPLIED BY OTHERS)
	CEILING MOUNTED FIXED TEMPERATURE HEAT DETECTOR	DPV	ALARM DRY PIPE VALVE (SUPPLIED BY OTHERS)
	WALL MOUNTED FIXED TEMPERATURE HEAT DETECTOR	BMS	BEAM SMOKE DETECTOR (TRANSMITTER)
	DUCT TYPE PHOTO-ELECTRIC SMOKE DETECTOR	BMS	BEAM SMOKE DETECTOR (RECEIVER)
	CEILING MOUNTED COMBINATION HEAT + SMOKE DETECTOR		FLAME DETECTOR
SA	LOCAL 120V SMOKE ALARM		
CO/SA	LOCAL 120V COMBINATION CARBON MONOXIDE AND SMOKE ALARM		
CO	LOCAL 120V CARBON MONOXIDE DETECTOR		
SA	LOCAL 120V COMBINATION STROBE AND SMOKE ALARM		
SUPERVISORY INITIATING DEVICES			
LP	LOW PRESSURE SUPERVISED SWITCH (SUPPLIED BY OTHERS)		
SV	SPRINKLER SUPERVISED VALVE (SUPPLIED BY OTHERS)		

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

2 TE-0.1 FIRE ALARM LEGEND 1 OF 2

zeidler

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NOTE

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

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PROJECT

YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS

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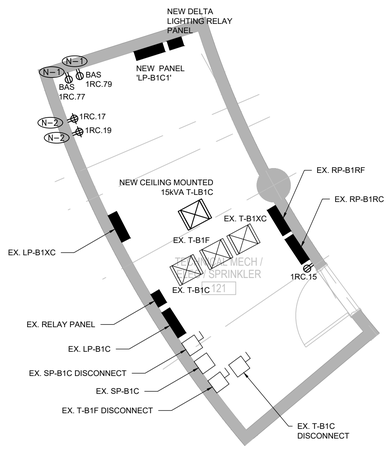
TITLE

ELECTRICAL DRAWING LIST AND LEGEND

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-0.1

SCALE N.T.S



DRAWING NOTES:

(N-1) COORDINATE EXACT LOCATION OF POWER FOR BAS WITH MECHANICAL.

(N-2) COORDINATE EXACT LOCATION AND POWER REQUIREMENTS FOR SOUND MASKING RECEPTACLE WITH OWNER AND SOUND MASKING VENDOR.

6 / TE-0.2 ELECTRICAL ROOM 121 DETAIL

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

5 / TE-0.2 GENERAL AND SYMBOLS AND ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WALL MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.	EPS	WALL MOUNTED VOICE OUTLET FOR EMERGENCY PHONE STATION. CABLE TYPE AS PER SPECIFICATION.
	WALL MOUNTED ABOVE COUNTER VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION	EPS	WALL MOUNTED ABOVE COUNTER VOICE OUTLET FOR EMERGENCY PHONE STATION. CABLE TYPE AS PER SPECIFICATION
	WALL MOUNTED VOICE OUTLET(S). CABLE TYPE AS PER SPECIFICATION.	IC	COMMUNICATIONS INTERCOM
	WALL MOUNTED ABOVE COUNTER VOICE OUTLET(S). CABLE TYPE AS PER SPECIFICATION.		SERVICE POLE MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.
	WALL MOUNTED DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.		RACEWAY MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.
	WALL MOUNTED ABOVE COUNTER DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.		COAXIAL CATV OUTLET
	FLOOR MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.	-J-J-J-J-	MAIN CABLE SUPPORT ROUTE FOR COMMUNICATIONS CABLING
	FLOOR MOUNTED VOICE OUTLET(S). CABLE TYPE AS PER SPECIFICATION.	CB	COMMUNICATIONS BOX
	FLOOR MOUNTED DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.	P	POWER ZONE BOX
	FLOOR MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.	T	TELEPHONE ZONE BOX
	FURNITURE MOUNTED VOICE OUTLET(S). CABLE TYPE AS PER SPECIFICATION.		
	FURNITURE MOUNTED DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.		
	CEILING MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.		
	CEILING MOUNTED DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION.		

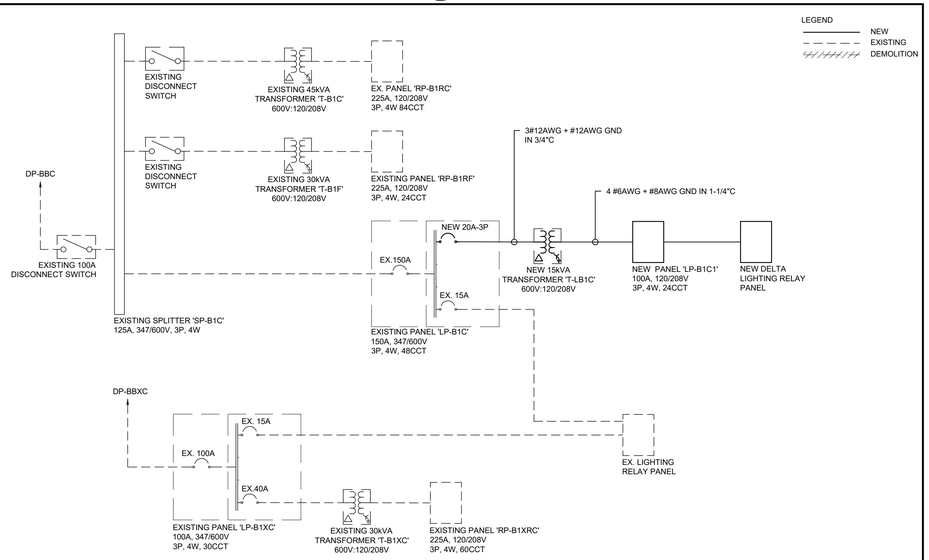
NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

3 / TE-0.2 DATA AND COMMUNICATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ELECTRONIC PERSONAL PROTECTION		
EPS	EMERGENCY PHONE STATION	DAS	DURESS ALARM STATION
SL	STROBE LIGHT	PAR	PANIC ALARM RECEIVER
	PANIC BUTTON	ARS	ASSISTANCE REQUIRED SIGN
	INTERCOM LEGEND		
IC	INTERCOM	MIC	MASTER INTERCOM
ENT	ENTRY PHONE CONSOLE		
	VIDEO SURVEILLANCE		
	FIXED CAMERA	VSSS	VIDEO SURVEILLANCE SYSTEM SERVER
PTZ	PAN-TILT-ZOOM CAMERA	PI	POWER INJECTOR
	PERSONAL COMPUTER	VM	VIDEO MONITOR
	COMPUTER MONITOR		FIXED VIDEO SURVEILLANCE CAMERA HORIZONTAL ANGLE OF VIEW
DVR	DIGITAL VIDEO RECORDER		LCD MONITOR, SIZE AS INDICATED
NVR	NETWORK VIDEO RECORDER		
	INTRUSION DETECTION		
SI	SIREN	IDP	INTRUSION DETECTION SYSTEM PANEL
BG	BREAK GLASS SENSOR	POW	POWER SUPPLY
MS	MOISTURE SENSOR		WALL MOUNTED SECURITY MOTION SENSOR
K	KEYPAD		CEILING MOUNTED SECURITY 360° MOTION SENSOR

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

1 / TE-0.2 SECURITY LEGEND 2 OF 2



NOTES

1. MINIMUM SIZE CONDUITS SHALL BE 21mmC (3/4") UNLESS OTHERWISE NOTED.
2. ALLOW FOR SCANNING, CORE DRILLING AND FIRE STOPPING FOR ALL CEILING/FLOOR/WALL PENETRATIONS. ALLOW FOR ALL ASSOCIATED COSTS.
3. PROVIDE YORK REGION PROJECT MANAGER 2 WEEK NOTICE PRIOR TO POWER SHUTDOWN

7 / TE-0.2 SINGLE LINE DIAGRAM ELECTRICAL ROOM 121

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.	IXB	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.	CF	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	LS	ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT)
	LOAD BREAK ISOLATION SWITCH. VOLTAGE AND FRAME SIZE AS SHOWN.	LSI	ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS)
	AUTOMATIC TRANSFER SWITCH WITH BY-PASS	SIG	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	EM	DIGITAL ELECTRONIC METER
A	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

4 / TE-0.2 SINGLE LINE DIAGRAM 1 OF 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
ID	AV EQUIPMENT RACK BY AUDIOVISUAL CONTRACTOR. REFER TO DRAWING FOR POWER REQUIREMENTS. RACK 'ID' DESIGNATION 'AV'= FREE STANDING EQUIPMENT RACK 'CR'= CREDENZA RACK. 12x12x4" AV PULL BOX BY ELECTRICAL CONTRACTOR. 'RC'= RACK ON CASTERS. 12x12x4" AV PULL BOX BY ELECTRICAL CONTRACTOR.	AV	PROJECTOR BY AUDIOVISUAL CONTRACTOR. 6x6x6" AV PULL BOX ABOVE FINISHED CEILING BY ELECTRICAL CONTRACTOR. REFER TO DRAWING FOR POWER REQUIREMENTS.
		AV	PROJECTOR ON LIFT BY AUDIOVISUAL CONTRACTOR. 6x6x6" AV PULL BOX ABOVE FINISHED CEILING BY ELECTRICAL CONTRACTOR. REFER TO DRAWING FOR POWER REQUIREMENTS.
	WALL MOUNTED FLAT PANEL DISPLAY BY AUDIOVISUAL CONTRACTOR. 2 GANG AV MUDRING BY ELECTRICAL CONTRACTOR. REFER TO DRAWING FOR POWER REQUIREMENTS. 'DS' INDICATES 'DIGITAL SIGNAGE DISPLAY'. REQUIRES POWER AND DATA ONLY.		PROJECTION SCREEN BY AUDIOVISUAL CONTRACTOR. CONDUIT FOR LOW VOLTAGE CONTROL BY ELECTRICAL CONTRACTOR. REFER TO DRAWING FOR POWER REQUIREMENTS.
		S	CEILING RECESSED SPEAKER BY AUDIOVISUAL CONTRACTOR.
	CEILING MOUNTED FLAT PANEL DISPLAY BY AUDIOVISUAL CONTRACTOR. 2 GANG AV MUDRING BY ELECTRICAL CONTRACTOR. REFER TO DRAWING FOR POWER REQUIREMENTS. 'DS' INDICATES 'DIGITAL SIGNAGE DISPLAY'. REQUIRES POWER AND DATA ONLY.		SURFACE MOUNTED SPEAKER BY AUDIOVISUAL CONTRACTOR. 1 GANG AV BACK BOX BY ELECTRICAL CONTRACTOR.
			WALL MOUNTED ANTENNA BY AUDIOVISUAL CONTRACTOR. 1 GANG AV BACK BOX BY ELECTRICAL CONTRACTOR.
			CEILING MOUNTED ANTENNA BY AUDIOVISUAL CONTRACTOR. 1 GANG AV BACK BOX ABOVE FINISHED CEILING BY ELECTRICAL CONTRACTOR.
	WALL MOUNTED AV INTERFACE BY AUDIOVISUAL CONTRACTOR. 2 GANG AV MUDRING BY ELECTRICAL CONTRACTOR.		
	BUTTON CONTROL PANEL BY AUDIOVISUAL CONTRACTOR. ELECTRICAL CONTRACTOR TO REFER TO AV COORDINATION MATRIX ON AV DRAWING SET FOR BACKBOX SIZE.	M	CEILING MICROPHONE BY AV CONTRACTOR. 1 GANG AV BACK BOX MOUNTED ABOVE FINISHED CEILING BY ELECTRICAL CONTRACTOR.
#	FLOOR BOX CONNECTION WITH AV DEDICATED COMPONENT FOR TABLETOP CONNECTIVITY. AV PLATE BY AUDIOVISUAL CONTRACTOR. FLOOR BOX BY ELECTRICAL CONTRACTOR.	AV-##-##	AV MUDRING AV INPUT PLATE BY AV CONTRACTOR. AV MUDRING BY ELECTRICAL CONTRACTOR. *=1 GANG, **=2 GANG, ***=3 GANG
AV	WALL MOUNTED AV CAMERA BY AUDIOVISUAL CONTRACTOR. 1 GANG, 3" DEEP AV BACK BOX BY ELECTRICAL CONTRACTOR.	AV-##-##	AV BACKBOX AV INPUT PLATE BY AV CONTRACTOR. 3" DEEP AV BACKBOX BY ELECTRICAL CONTRACTOR. *=1 GANG, **=2 GANG, ***=3 GANG
AV	CEILING MOUNTED AV CAMERA BY AUDIOVISUAL CONTRACTOR. 1 GANG AV BACK BOX BY ELECTRICAL CONTRACTOR.		
AV 'SIZE'	AV CABLE PULL BOX BY ELECTRICAL CONTRACTOR. SIZE DESIGNATION: '6x6'= 6x6x6" CABLE PULL BOX '12x12'=12x12x6 CABLE PULL BOX		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS
REFER TO AV COORDINATION MATRIX OR AV CONSULTANT DRAWINGS FOR BACK BOX SIZE, MOUNTING HEIGHT AND ALL INFRASTRUCTURE REQUIREMENTS.

2 / TE-0.2 AUDIOVISUAL

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NOTE

PROJECT CONTACT

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

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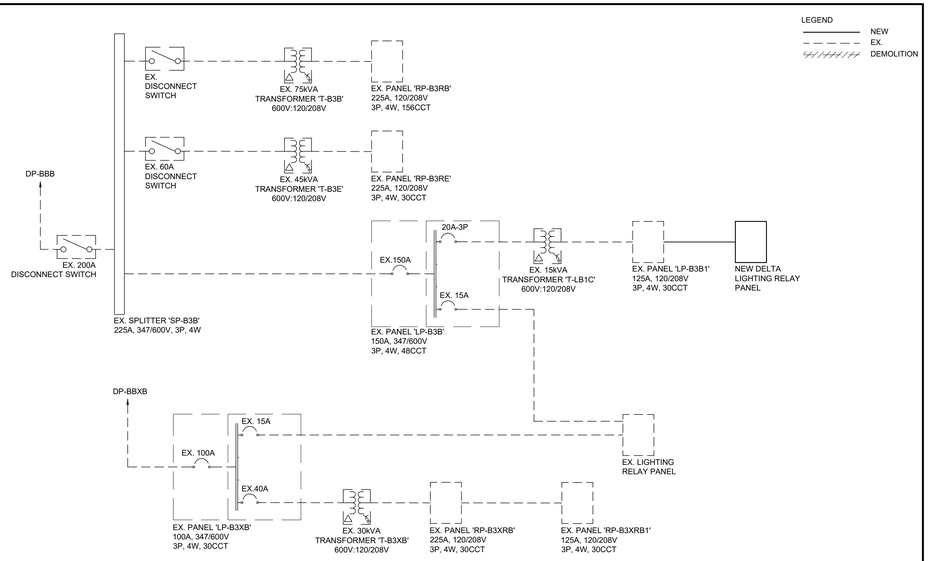
PROJECT
YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
ELECTRICAL LEGEND AND DETAIL

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

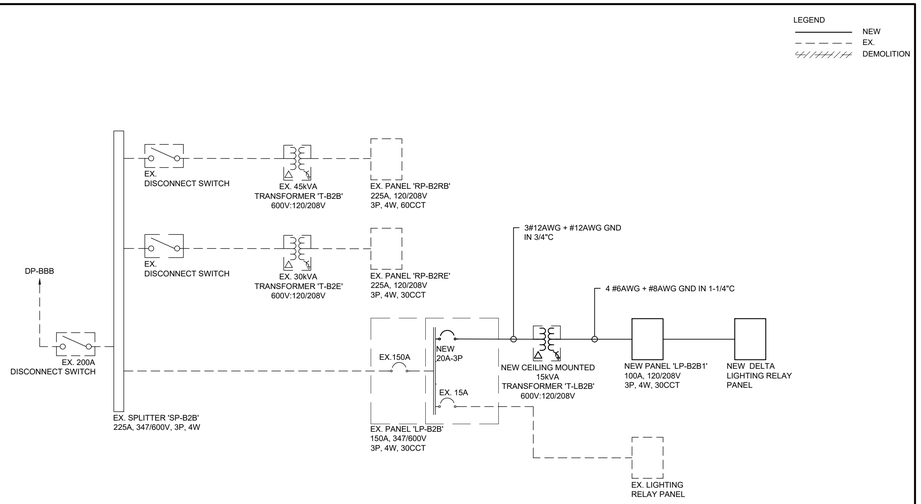
DRAWING NO. TE-0.2
SCALE N.T.S



NOTES

1. EXISTING EQUIPMENT SHOWN FOR REFERENCE ONLY UNLESS OTHERWISE NOTED.
2. MINIMUM SIZE CONDUITS SHALL BE 21mmC (3/4") UNLESS OTHERWISE NOTED.
3. ALLOW FOR SCANNING, CORE DRILLING AND FIRE STOPPING FOR ALL CEILING/FLOOR/WALL PENETRATIONS. ALLOW FOR ALL ASSOCIATED COSTS.
4. PROVIDE YORK REGION PROJECT MANAGER 2 WEEK NOTICE PRIOR TO POWER SHUTDOWN

3 / TE-0.3 SINGLE LINE DIAGRAM ELECTRICAL ROOM 307



NOTES

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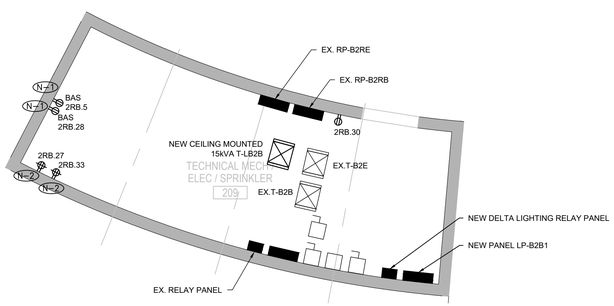
3. PROVIDE YORK REGION PROJECT MANAGER 2 WEEK NOTICE PRIOR TO POWER SHUTDOWN

1 / TE-0.3 SINGLE LINE DIAGRAM ELECTRICAL ROOM 209

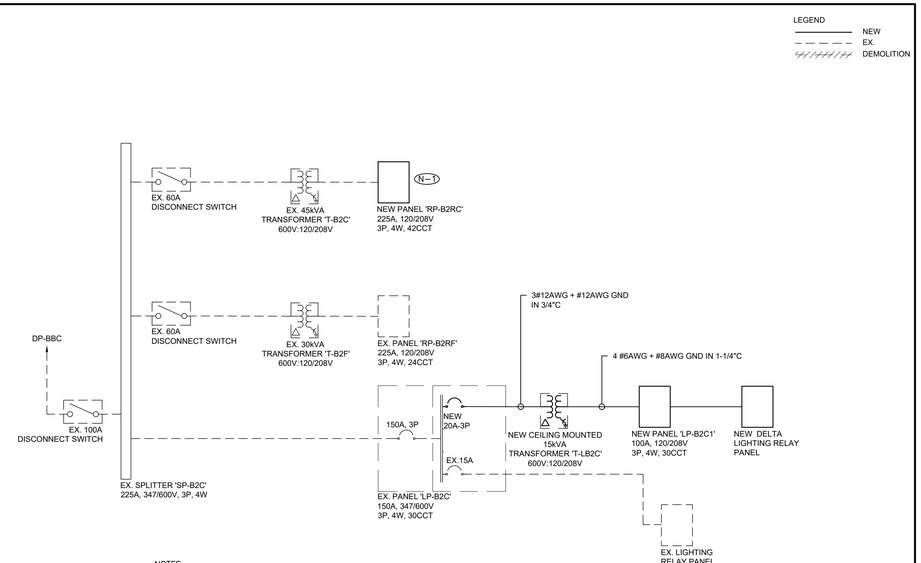


DRAWING NOTES:

(N-1) COORDINATE EXACT LOCATION OF POWER FOR BAS WITH MECHANICAL.

(N-2) COORDINATE EXACT LOCATION AND POWER REQUIREMENTS FOR SOUND MASKING RECEPTACLES WITH OWNER AND SOUND MASKING VENDOR.

4 / TE-0.3 ELECTRICAL ROOM 209 DETAIL



NOTES

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3. PROVIDE YORK REGION PM 2 WEEK NOTICE PRIOR TO POWER SHUTDOWN

DRAWING NOTES:

(N-1) EXISTING PANEL TO BE DEMOLISHED AND REPLACED WITH NEW RP-B2RC IN SAME LOCATION. ALLOW FOR RECONNECTION OF ALL EXISTING CIRCUITS AND FEEDERS.

2 / TE-0.3 SINGLE LINE DIAGRAM ELECTRICAL ROOM 215

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NOTE

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

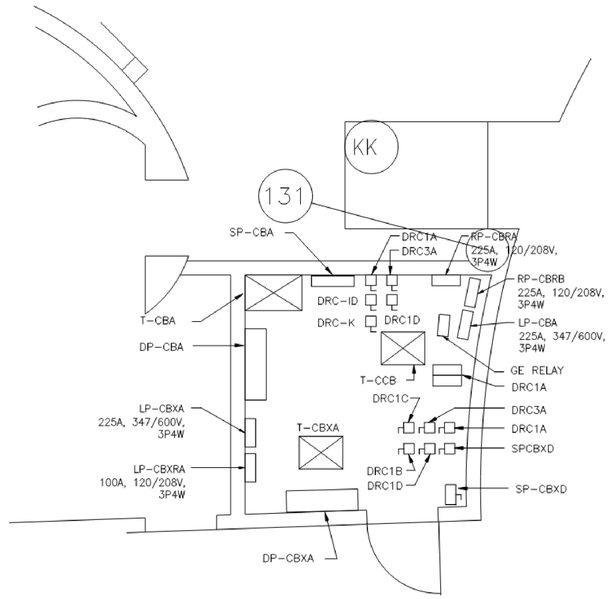
PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
ELECTRICAL DETAIL

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-0.3

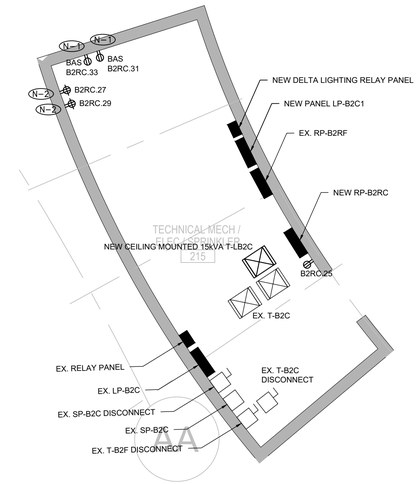
SCALE N.T.S



NOTES

1. ALL EQUIPMENT SHOWN IS EXISTING AND SHOWN FOR REFERENCE ONLY.

3 / TE-0.4 "P1" LEVEL ELECTRICAL ROOM

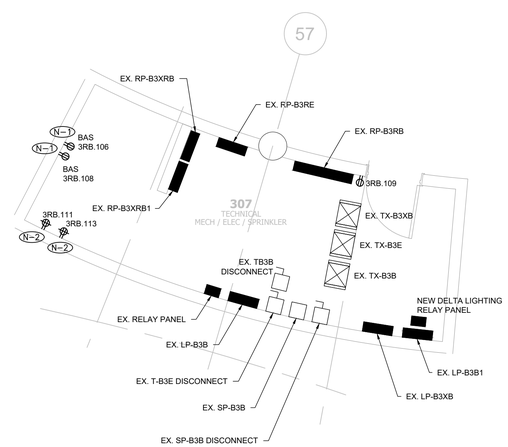


DRAWING NOTES:

N-1 COORDINATE EXACT LOCATION OF POWER FOR BAS WITH MECHANICAL.

N-2 COORDINATE EXACT LOCATION AND POWER REQUIREMENTS FOR SOUND MASKING RECEPTACLES WITH OWNER AND SOUND MASKING VENDOR.

1 / TE-0.4 ELECTRICAL ROOM 215 DETAIL



DRAWING NOTES:

N-1 COORDINATE EXACT LOCATION OF POWER FOR BAS WITH MECHANICAL.

N-2 COORDINATE EXACT LOCATION AND POWER REQUIREMENTS FOR SOUND MASKING RECEPTACLES WITH OWNER AND SOUND MASKING VENDOR.

2 / TE-0.4 ELECTRICAL ROOM 307 DETAIL

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NOTE

PROJECT CONTACT

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

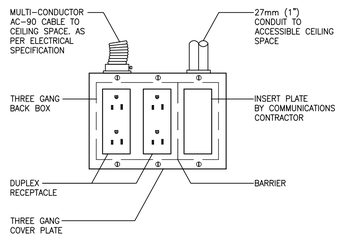
PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
ELECTRICAL DETAIL

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-0.4

SCALE N.T.S



DRAWING SYMBOLS

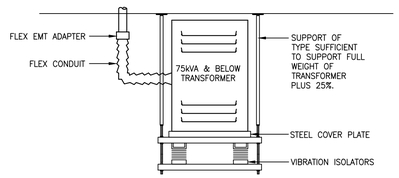
NOTES:

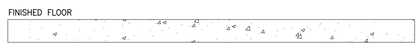
N-1 PROVIDE CONNECTOR, C/W NYLON BUSHINGS FOR CONDUIT TERMINATIONS WITHIN ACCESSIBLE CEILING SPACE.

N-2 PROVIDE PULL STRINGS IN ALL EMPTY CONDUIT.

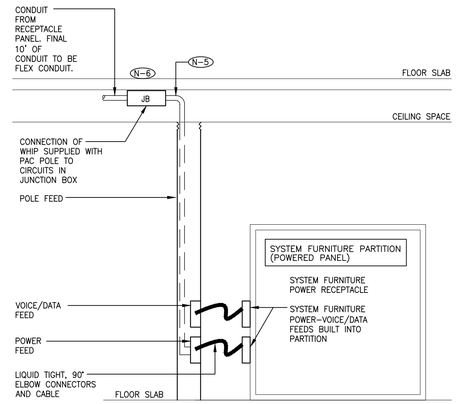
N-3 COVER PLATES BY DIVISION ELECTRICAL CONTRACTOR.

8 / TE-0.5 POWER AND COMMUNICATION OUTLETS





6 / TE-0.5 TRANSFORMER INSTALLATION DETAIL



DRAWING SYMBOLS

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 CONTRACTOR TO ALLOW FOR AN ADDITIONAL 10' OF CABLING + CONDUIT FOR RELOCATION OF PAC POLE

4 / TE-0.5 PAC POLE SYSTEM FURNITURE FEED

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

1 / E-0.5 LIGHTING CONTROL SCHEDULE

LUMINAIRE SCHEDULE				
TYPE	LAMP TYPE	VOLTAGE	DESCRIPTION	MANUFACTURER/CATALOGUE NO.
L1	LED	120V	LINEAR RECESSED 1'X4' FLAT PANEL LED FIXTURE.	LITELINE: CAT#: LEDB-14-WH
L2	LED 14.3W 4000K	120V	4" DOWNLIGHT, 0-10V DIMMING	PRESCOLITE - LITEFRAME CAT#:LFR-4RD-RFH-SL10L-40K-8-MD-DM -120V-
L3	LED 30W 4000K	120V	6" LED RECESSED DOWNLIGHT RETROFIT, 0-10V DIMMING, 347 STEP-DOWN TRANSFORMER C/W MOUNTING HARDWARE & ACCESSORIES REQUIRED.	PRESCOLITE CAT#: LBRST-RD
//	//	//	//	//
L5	LED 374W	120V	AV LIGHT FIXTURE	MARTIN CAT#: ERA600 PROFILE
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

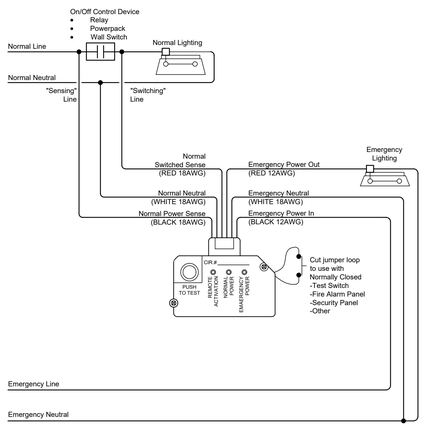
N-1 ALL FIXTURES SHALL BE APPROVED FOR USE IN CANADA (E.G. CSA, ULC).

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 CONTRACTOR TO PROVIDE 347-120V LIGHTING TRANSFORMER AS REQUIRED

2 / TE-0.5 LUMINAIRE SCHEDULE



NOTES:

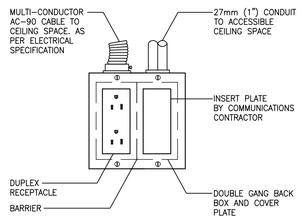
N-1 ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL UL924 LISTED EMERGENCY LIGHTING CONTROL UNIT (ELCU) TO BE MODEL WATTSTOPPER ELCU-200 OR APPROVED EQUAL. UPON LOSS OF NORMAL POWER UNIT SHALL TURN ON LIGHT FIXTURES ON EMERGENCY CIRCUIT TO FULL BRIGHTNESS.

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.

9 / TE-0.5 EMERGENCY SHUNT UNIT FOR EMERGENCY LIGHT FIXTURES



DRAWING SYMBOLS

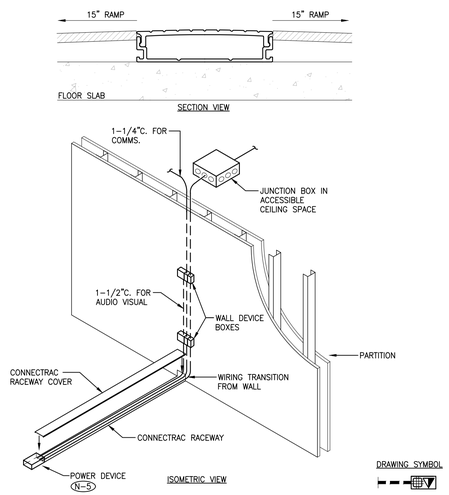
NOTES:

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

7 / TE-0.5 POWER AND COMMUNICATION OUTLETS



DRAWING SYMBOL

NOTES:

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

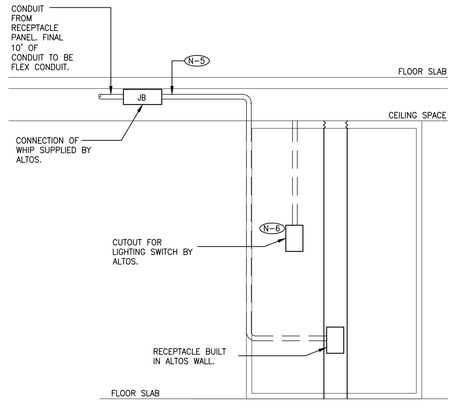
N-2 SUPPLY AND INSTALL RACEWAYS AND POWER/COMMS. DEVICES AS INDICATED. CONSULT WITH MANUFACTURER FOR COMPLETE REQUIREMENTS AND PROVIDE ALL REQUIRED COMPONENTS AND ACCESSORIES FOR A COMPLETE AND WORKING INSTALLATION.

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.

5 / TE-0.5 CONNECTRAC RACEWAY SYSTEM AND MEETING ROOM TV WALL DETAIL



DRAWING SYMBOLS

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.

3 / TE-0.5 ALTOS SYSTEM FURNITURE FEED

zeidler

Zeidler Architecture

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Calgary, Alberta T2P 1G7
T 403 233 2525 | zeidler.com

NOTE

PROJECT CONTACT

NAME: John Bei
TEL: 437-880-5404
EMAIL: john.bei@smithandandersen.com

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

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

PROJECT

YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

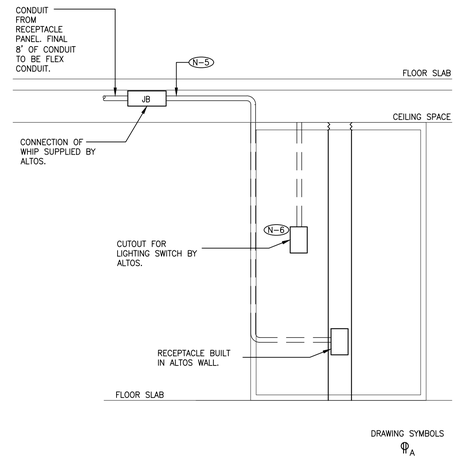
TITLE

ELECTRICAL DETAIL

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-0.5

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.

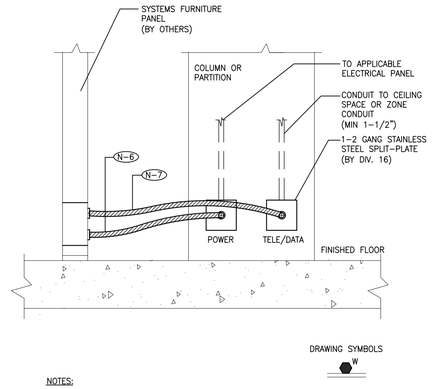
N-3 MINIMUM SIZE OF POWER CONDUITS IS 3/4".

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.

3 / TE-0.6 ALTOS SYSTEM FURNITURE CONNECTION



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 CO-OORDINATE EXACT REQUIREMENTS WITH FURNITURE SUPPLIER AND INSTALLER PRIOR ROUGH-IN.

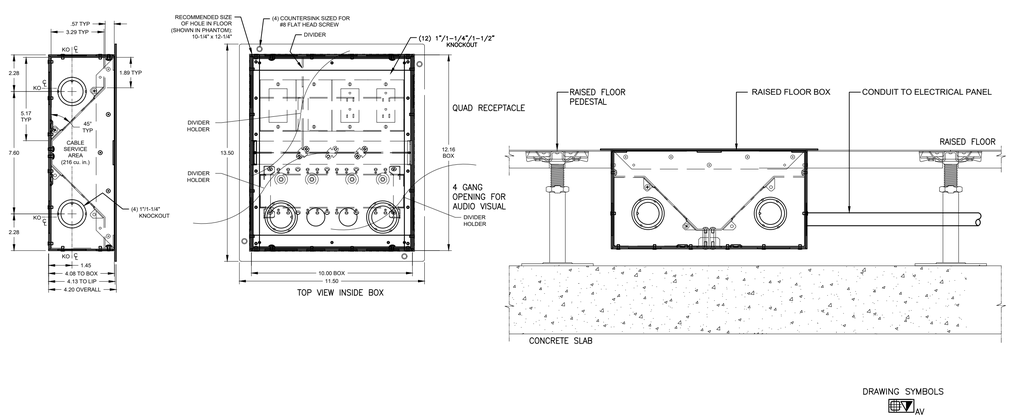
N-4 MINIMUM SIZE OF POWER CONDUITS IS 3/4"(20MM).

N-5 CO-ORDINATE EXACT LOCATIONS WITH INTERIOR CONSULTANT ON SITE PRIOR TO ROUGH IN.

N-6 FURNITURE MANUFACTURER SUPPLIED WIRING HARNESS. ELECTRICAL CONTRACTOR TO TERMINATE USING 90° FLEX CONNECTOR SIZED TO MATCH HARNESS.

N-7 COMMUNICATION CONTRACTOR TO PROVIDE ALL COMMUNICATION/WIRING AND COMPONENTS.

1 / TE-0.6 FURNITURE SYSTEM CONNECTION – WALL FEED



NOTES:

N-1 REFER TO PLANS FOR FLOOR MONUMENT LOCATIONS AND QUANTITIES. CO-ORDINATE EXACT LOCATIONS OF FLOOR MONUMENTS ON SITE PRIOR TO ROUGH-IN.

N-2 FLOOR OUTLETS SHALL BE 'FSR' FL-540P-4 SERIES 4" DEEP RAISED FLOOR BOX C/W RECEPTACLES/OUTLETS INDICATED AND FL-540P SERIES COVER. FINISH AS PER INTERIOR DESIGNER.

N-3 REFER TO AUDIO VISUAL DRAWINGS FOR COMPLETE INFRASTRUCTURE REQUIREMENTS INCLUDING CONDUIT SIZES AND ROUTING. PROVIDE PULL STRING IN ALL EMPTY CONDUIT. PROVIDE CONNECTOR C/W NYLON BUSHINGS FOR CONDUIT TERMINATIONS WITHIN ACCESSIBLE CEILING SPACE.

N-4 PROVIDE A MINIMUM OF 7'-0" SLACK AT EACH FLOOR BOX LOCATION TO ACCOMMODATE FUTURE REARRANGEMENT. JUNCTION BOX TO BE INSTALLED ADJACENT TO FLOOR BOX TO ALLOW FOR TRANSITION BETWEEN CONDUIT AND AC-90 (BX) CABLE.

2 / TE-0.6 FLUSH RAISED FLOOR BOX DETAIL

zeidler

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NOTE

PROJECT CONTACT

NAME: John Bei
TEL: 437-880-5404
EMAIL: john.bei@smithandandersen.com

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

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1100 – 100 Sheppard Ave. East, Toronto On, M2N 6N5
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PROJECT

YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

ELECTRICAL DETAIL

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-0.6

SCALE N.T.S

EXISTING PANEL: RP-B1RC
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E.
LOCATION: ELECTRICAL ROOM 121
FED FROM: SP-B1C
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				EXISTING CCT	
	EXISTING CCT				15	7	A	8	15				EXISTING CCT	
	EXISTING CCT				15	9	B	10	15				EXISTING CCT	
	EXISTING CCT				15	11	C	12	15				EXISTING CCT	
	EXISTING CCT				15	13	A	14	15				EXISTING CCT	
	PANEL REC	40	200	80	15	15	B	16	15				EXISTING CCT	
	SOUND MASKING	60	500	300	20	17	C	18	15				EXISTING CCT	
	SOUND MASKING	60	500	300	20	19	A	20	15				EXISTING CCT	
	EXISTING CCT				15	21	B	22	15				EXISTING CCT	
	EXISTING CCT				15	23	C	24	20				EXISTING CCT	
	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	
	GREAT HALL TV	60	836	502	15	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	2P					
	EXISTING CCT				15	39	B	40	15				EXISTING CCT	
	EXISTING CCT				15	41	C	42	15				EXISTING CCT	
	EXISTING CCT				15	43	A	44	15				EXISTING CCT	
	EXISTING CCT				15	45	B	46	15				EXISTING CCT	
	12110 PRINTER	60	1000	600	20	47	C	48	15				EXISTING CCT	
	EXISTING CCT				15	49	A	50	15				EXISTING CCT	
	12110 PRINTER	60	1000	600	20	51	B	52	15				EXISTING CCT	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	53	C	54	15				EXISTING CCT	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	55	A	56	15				EXISTING CCT	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	57	B	58	15	360	600	60	**12090.02 FRIDGE**	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	59	C	60	15	216	360	60	**GREAT HALL AV RECEPTACLES**	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	61	A	62	15	132	220	60	**BF-1.1, BF-1.2**	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	63	B	64	15	502	836	60	**GREAT HALL AV TV**	
	12220, 12190 RECEPTACLES	60	600	360	15	65	C	66	20	720	1440	50	**12090.02 MICROWAVE**	
	12180, 12170 RECEPTACLES	60	600	360	15	67	A	68	20	720	1440	50	**12090.02 MICROWAVE**	
	12160, 12150 RECEPTACLES	60	600	360	15	69	B	70	20	720	1440	50	**12090.02 MICROWAVE**	
	12130.01, 12120 RECEPTACLES	60	750	450	15	71	C	72	20	720	1440	50	**12090.02 MICROWAVE**	
	12080, 12090.02 RECEPTACLES	60	600	360	15	73	A	74	20	250	500	50	**12090.02 GFI**	
	CONVENIENCE RECEPTACLES	40	900	360	15	75	B	76	50	2700	4500	60	**HWT-1**	
	BAS	60	400	240	15	77	C	78	15	144	240	60	**GREAT HALL AV RECEPTACLES**	
	BAS	60	400	240	15	79	A	80	20	1080	1800	60	**GREAT HALL AV RACK**	
	GREAT HALL AV RECECPTACLES	60	790	474	15	81	B	82	20	1080	1800	60	**GREAT HALL AV RACK**	
	GREAT HALL AV LIGHTING	40	812	325	20	83	C	84					SPACE	

PANEL OPTIONS:

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

LOAD A [KW]:	4.8
LOAD B [KW]:	8.1
LOAD C [KW]:	5
TOTAL [KW]:	18
CURRENT A [A]:	40
CURRENT B [A]:	68
CURRENT C [A]:	41

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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. BREAKERS IN **BOLD** SHALL BE NEW.

5 TE-0.7 PANEL SCHEDULE

NEW PANEL: LP-B2C1
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E.
LOCATION: ELECTRICAL ROOM 215
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	800	800	20	1	A	2	20	446	744	60	LIGHTING	
	LIGHTING	100	560	560	20	3	B	4	20	287	479	60	LIGHTING	
	LIGHTING	100	1243	1243	20	5	C	6	20	351	585	60	LIGHTING	
	SPARE				20	7	A	8	20	307	512	60	LIGHTING	
	SPARE				20	9	B	10					SPACE	
	SPARE				20	11	C	12					SPACE	
	SPARE				20	13	A	14					SPACE	
	SPARE				20	15	B	16					SPACE	
	SPACE					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:

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

LOAD A [KW]:	1.6
LOAD B [KW]:	0.8
LOAD C [KW]:	1.6
TOTAL [KW]:	4
CURRENT A [A]:	13
CURRENT B [A]:	7
CURRENT C [A]:	13

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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.

DRAWING NOTES:
(N-1) PANEL TO BE OF SQUARE D MAKE.

3 TE-0.7 PANEL SCHEDULE

NEW PANEL: LP-B1C1
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E.
LOCATION: ELECTRICAL ROOM 121
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	1017	1017	20	1	A	2	20	562	936	60	LIGHTING	
	LIGHTING	100	691	691	20	3	B	4	20	677	1129	60	LIGHTING	
	LIGHTING	100	832	832	20	5	C	6					SPACE	
	SPARE				20	7	A	8					SPACE	
	SPARE				20	9	B	10					SPACE	
	SPARE				20	11	C	12					SPACE	
	SPARE				20	13	A	14					SPACE	
	SPARE				20	15	B	16					SPACE	
	SPACE					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:

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

LOAD A [KW]:	1.6
LOAD B [KW]:	1.4
LOAD C [KW]:	0.8
TOTAL [KW]:	3.8
CURRENT A [A]:	13
CURRENT B [A]:	11
CURRENT C [A]:	7

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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.

DRAWING NOTES:
(N-1) PANEL TO BE OF SQUARE D MAKE.

1 TE-0.7 PANEL SCHEDULE

NEW PANEL: LP-B3B1
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E.
LOCATION: ELECTRICAL ROOM 307
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				20	1	A	2	20				EXISTING CCT	
	EXISTING CCT				20	3	B	4	20				EXISTING CCT	
	EXISTING CCT				20	5	C	6	20				EXISTING CCT	
	EXISTING CCT				20	7	A	8	20	552	552	100	LIGHTING	
	LIGHTING	100	659	659	20	9	B	10	20	590	590	100	LIGHTING	
	SPARE				20	11	C	12					SPACE	
	SPARE				20	13	A	14					SPACE	
	SPARE				20	15	B	16					SPACE	
	SPARE				20	17	C	18					SPACE	
	SPARE				20	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:

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

LOAD A [KW]:	0.6
LOAD B [KW]:	1.2
LOAD C [KW]:	0
TOTAL [KW]:	1.8
CURRENT A [A]:	5
CURRENT B [A]:	10
CURRENT C [A]:	0

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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.

DRAWING NOTES:
(N-1) PANEL TO BE OF SQUARE D MAKE.

4 TE-0.7 PANEL SCHEDULE

NEW PANEL: LP-B2B1
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E.
LOCATION: ELECTRICAL ROOM 209
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	923	923	20	1	A	2	20	552	552	100	LIGHTING	
	LIGHTING	100	720	720	20	3	B	4	20	856	856	100	LIGHTING	
	LIGHTING	100	1080	1080	20	5	C	6	20	480	480	100	LIGHTING	
	LIGHTING	100	352	352	20	7	A	8	20	555	555	100	LIGHTING	
	LIGHTING	100	544	544	20	9	B	10	20	697	697	100	LIGHTING	
	LIGHTING	100	704	704	20	11	C	12					SPACE	
	SPARE				20	13	A	14					SPACE	
	SPARE				20	15	B	16					SPACE	
	SPARE				20	17	C	18					SPACE	
	SPARE				20	19	A	20					SPACE	
	SPARE				20	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:

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

LOAD A [KW]:	2.4
LOAD B [KW]:	2.8
LOAD C [KW]:	2.3
TOTAL [KW]:	7.5
CURRENT A [A]:	20
CURRENT B [A]:	23
CURRENT C [A]:	19

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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.

DRAWING NOTES:
(N-1) PANEL TO BE OF SQUARE D MAKE.

2 TE-0.7 PANEL SCHEDULE

zeidler

Zeidler Architecture
300, 640 – 8 Avenue SW
Calgary, Alberta T2P 1G7
T 403 233 2525 | zeidler.com

NOTE

PROJECT CONTACT

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TEL: 437-880-5404
EMAIL: john.bei@smithandandersen.com

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

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

PROJECT
YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PANEL SCHEDULES

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-0.7
SCALE N.T.S

EXISTING PANEL: RP-B3RB
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E
LOCATION: ELECTRICAL ROOM 307
FED FROM: SP-B3B
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	20				EXISTING CCT	
	EXISTING CCT				15	7	A	8	20				EXISTING CCT	
	EXISTING CCT				15	9	B	10	20				EXISTING CCT	
	EXISTING CCT				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	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	15				EXISTING CCT	
	EXISTING CCT				15	33	B	34	15				EXISTING CCT	
	EXISTING CCT				15	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	
					2P	43	A	44	15				EXISTING CCT	
	EXISTING CCT				15	45	B	46	15				EXISTING CCT	
	EXISTING CCT				15	47	C	48	15				EXISTING CCT	
	EXISTING CCT				15	49	A	50	15				EXISTING CCT	
	EXISTING CCT				15	51	B	52	15				EXISTING CCT	
	EXISTING CCT				15	53	C	54	15				EXISTING CCT	
	EXISTING CCT				15	55	A	56	15				EXISTING CCT	
	EXISTING CCT				15	57	B	58	15				EXISTING CCT	
	EXISTING CCT				15	59	C	60	15				EXISTING CCT	
	EXISTING CCT				15	61	A	62	15				EXISTING CCT	
	EXISTING CCT				15	63	B	64	15				EXISTING CCT	
	EXISTING CCT				15	65	C	66	15				EXISTING CCT	
	EXISTING CCT				20	67	A	68	15				EXISTING CCT	
	EXISTING CCT				15	69	B	70	15				EXISTING CCT	
	EXISTING CCT				15	71	C	72	15				EXISTING CCT	
	EXISTING CCT				15	73	A	74	20				EXISTING CCT	
	EXISTING CCT				15	75	B	76	20				EXISTING CCT	
	EXISTING CCT				15	77	C	78	20				EXISTING CCT	
	EXISTING CCT				15	79	A	80	20				EXISTING CCT	
	EXISTING CCT				15	81	B	82	20				EXISTING CCT	
	EXISTING CCT				20	83	C	84	20				EXISTING CCT	
	EXISTING CCT				15	85	A	86	15				EXISTING CCT	
	EXISTING CCT				15	87	B	88	15				EXISTING CCT	
	EXISTING CCT				15	89	C	90	15				EXISTING CCT	
	EXISTING CCT				15	91	A	92	15				EXISTING CCT	
	EXISTING CCT				15	93	B	94	15				EXISTING CCT	
	EXISTING CCT				15	95	C	96	15				EXISTING CCT	
	EXISTING CCT				15	97	A	98	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	EXISTING CCT				15	99	B	100	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	EXISTING CCT				20	101	C	102	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	32090, 32080 RECEPTACLES	60	600	360	15	103	A	104	15	180	300	60	CONVENIENCE RECEPTACLES	
	32070, 32060, 32050 RECEPTACLES	60	750	450	15	105	B	106	15	240	400	60	BAS	
	32040, 32020.01 RECEPTACLES	60	600	360	15	107	C	108	15	240	400	60	BAS	
	PANEL REC	60	200	120	15	109	A	110					SPACE	
	SOUND MASKING	60	500	300	20	111	B	112					SPACE	
	SOUND MASKING	60	500	300	20	113	C	114					SPACE	
	SPACE					115	A	116					SPACE	
	SPACE					117	B	118					SPACE	
	SPACE					119	C	120					SPACE	
	SPACE					121	A	122					SPACE	
	SPACE					123	B	124					SPACE	
	SPACE					125	C	126					SPACE	
	SPACE					127	A	128					SPACE	
	SPACE					129	B	130					SPACE	
	SPACE					131	C	132					SPACE	
	SPACE					133	A	134					SPACE	
	SPACE					135	B	136					SPACE	
	SPACE					137	C	138					SPACE	
	SPACE					139	A	140					SPACE	
	SPACE					141	B	142					SPACE	
	SPACE					143	C	144					SPACE	
	SPACE					145	A	146					SPACE	
	SPACE					147	B	148					SPACE	
	SPACE					149	C	150					SPACE	
	SPACE					151	A	152					SPACE	
	SPACE					153	B	154					SPACE	
	SPACE					155	C	156					SPACE	

PANEL OPTIONS:

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

LOAD A [KW]:	1.1
LOAD B [KW]:	1.4
LOAD C [KW]:	1.4
TOTAL [KW]:	3.9
CURRENT A [A]:	9
CURRENT B [A]:	12
CURRENT C [A]:	11

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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. BREAKERS IN **BOLD** SHALL BE NEW.

6 TE-0.8 PANEL SCHEDULE

NEW PANEL: RP-B2RC
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E
LOCATION: ELECTRICAL ROOM 215
FED FROM: SP-B2C
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	300	500	60	22030 GFI	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	3	B	4	20	300	500	60	22030 GFI	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	5	C	6	15	300	500	60	22030 FRIDGE	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	7	A	8	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	22170, 22160 RECEPTACLES	60	600	360	15	9	B	10	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	22150, 22140 RECEPTACLES	60	600	360	15	11	C	12	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	22140 PRINTER	60	1000	600	20	13	A	14	15	360	600	60	22070.01, 22080 RECEPTACLES	
	22140 PRINTER	60	1000	600	20	15	B	16	15	450	750	60	22080 RECEPTACLES	
	CONVENIENCE RECEPTACLES	40	450	180	15	17	C	18	15	450	750	60	22110, 22100 RECEPTACLES	
	EXISTING CCT				15	19	A	20	15	360	600	60	22110 RECEPTACLES	
	EXISTING CCT				15	21	B	22	15				EXISTING CCT	
	EXISTING CCT				15	23	C	24	15				EXISTING CCT	
	PANEL REC	40	200	80	15	25	A	26	15	360	600	60	KITCHENETTE 22030 RECEPTACLES	
	SOUND MASKING	60	500	300	20	27	B	28	15	540	900	60	BF-2.2	
	SOUND MASKING	60	500	300	20	29	C	30					SPACE	
	SPARE				15	31	A	32					SPACE	
	SPARE				15	33	B	34					SPACE	
	SPARE				15	35	C	36					SPACE	
	SPARE				15	37	A	38					SPACE	
	SPARE				15	39	B	40					SPACE	
	SPARE				15	41	C	42					SPACE	

PANEL OPTIONS:

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

LOAD A [KW]:	3
LOAD B [KW]:	3.5
LOAD C [KW]:	2.5
TOTAL [KW]:	8.9
CURRENT A [A]:	25
CURRENT B [A]:	29
CURRENT C [A]:	21

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	125
MAIN BREAKER [A]:	
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. BREAKERS IN **BOLD** SHALL BE NEW.
2. PANEL ENCLOSURE TO BE SPRINKLER PROOF.

3 TE-0.8 PANEL SCHEDULE

EXISTING PANEL: RP-B2RF
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E
LOCATION: ELECTRICAL ROOM 215
FED FROM: SP-B2C
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	
					2P	3	B	4	2P					
	EXISTING CCT				15	5	C	6	15				EXISTING CCT	
					2P	7	A	8	2P					
	EXISTING CCT				15	9	B	10					SPACE	
	EXISTING CCT				15	11	C	12					SPACE	
	22090 WORKSTATIONS	60	500	300	15	13	A	14	15				EXISTING CCT	
	22091 WORKSTATIONS	60	500	300	15	15	B	16	2P					
	22092 WORKSTATIONS	60	500	300	15	17	C	18					SPACE	
	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	

PANEL OPTIONS:

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

LOAD A [KW]:	0.3
LOAD B [KW]:	0.3
LOAD C [KW]:	0.3
TOTAL [KW]:	0.9
CURRENT A [A]:	3
CURRENT B [A]:	3
CURRENT C [A]:	3

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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. BREAKERS IN **BOLD** SHALL BE NEW.

4 TE-0.8 PANEL SCHEDULE

EXISTING PANEL: RP-B3RE
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E
LOCATION: ELECTRICAL ROOM 309
FED FROM: SP-B3B
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	
					2P	3	B	4	2P					
	EXISTING CCT				15	5	C	6	15				EXISTING CCT	
					2P	7	A	8	2P					
	EXISTING CCT				15	9	B	10	15				EXISTING CCT	
					15	11	C	12	2P					
	EXISTING CCT				15	13	A	14	15				EXISTING CCT	
					15	15	B	16	2P					
	EXISTING CCT				30	17	C	18	15				EXISTING CCT	
					30	19	A	20	40				EXISTING CCT	
	EXISTING CCT				15	21	B	22	40					
	EXISTING CCT				15	23	C	24	15				EXISTING CCT	
	EXISTING CCT				15	25	A	26	15				EXISTING CCT	
						27	B	28	15	84	140	60	BF-3.1	
						29	C	30						

PANEL OPTIONS:

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

LOAD A [KW]:	0
LOAD B [KW]:	0.1
LOAD C [KW]:	0
TOTAL [KW]:	0.1
CURRENT A [A]:	0
CURRENT B [A]:	1
CURRENT C [A]:	0

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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. BREAKERS IN **BOLD** SHALL BE NEW.

5 TE-0.8 PANEL SCHEDULE

EXISTING PANEL: RP-B2RB
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E
LOCATION: ELECTRICAL ROOM 209
FED FROM: SP-B2B
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
	21170 PRINTER	60	1000	600	20	1	A	2	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	21171 PRINTER	60	1000	600	20	3	B	4	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	BAS	60	400	240	15	5	C	6	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	7	A	8	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	9	B	10	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	OPEN OFFICE WORKSTATIONS	60	750	450	15	11	C	12	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	21200 RECEPTACLES	60	600	360	15	13	A	14	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	21200 RECEPTACLES	60	600	360	15	15	B	16	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	EXISTING CCT				15	17	C	18	15	450	750	60	OPEN OFFICE WORKSTATIONS	
	21190 RECEPTACLES	60	600	360	15	19	A	20	15	450	750	60	21180, 21170 RECEPTACLES	
	21150 GFI RECEPTACLE	60	500	300	20	21	B	22	15	270	450	60	21100, 21120, 21130 RECEPTACLES	
	21151 GFI RECEPTACLE	60	500	300	20	23	C	24	15	540	900	60	21150 RECEPTACLES	
	21152 GFI RECEPTACLE	60	500	300	20	25	A	26	15	300	500	60	21150 FRIDGE	
	SOUND MASKING	60	500	300	20	27	B	28	15	240	400	60	BAS	
	EXISTING CCT				15	29	C	30	15	80	200	40	PANEL RECECPTACLE	
	EXISTING CCT				15	31	A	32	15				EXISTING CCT	
	SOUND MASKING	60	500	300	20	33	B	34	15				EXISTING CCT	
	21210 RECEPTACLES	60	600	360	15	35	C	36	15				EXISTING CCT	
	EXISTING CCT				15	37	A	38	15				EXISTING CCT	
	EXISTING CCT				20	39	B	40	20				EXISTING CCT	
	21210 RECEPTACLES	60	750	450	15	41	C	42	20				EXISTING CCT	
	21220, 21230 RECEPTACLES	60	900	540	15	43	A	44	20	300	500	60	21000 GFI RECEPTACLE	
	21240, 21250 RECEPTACLES	60	900	540	15	45	B	46	20	300	500	60	21000 GFI RECEPTACLE	
	21260 RECEPTACLES	60	750	450	15	47	C	48	20	300	500	60	21000 FRIDGE	
	21260, 21270 RECEPTACLES	60	600	360	15	49	A	50	15				EXISTING CCT	
	EXISTING CCT				15	51	B	52	15				EXISTING CCT	
	21280 RECEPTACLES	60	600	360	15	53	C	54	15	400	1000	40	CONVENIENCE RECEPTACLES	
	EXISTING CCT				15	55	A	56	15				EXISTING CCT	
	EXISTING CCT				15	57	B	58	15	270	450	60	21090 WORKSTATIONS	
	EXISTING CCT				15	59	C	60	15				EXISTING CCT	

PANEL OPTIONS:

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

LOAD A [KW]:	5.4
LOAD B [KW]:	5.3
LOAD C [KW]:	5.3
TOTAL [KW]:	16
CURRENT A [A]:	45
CURRENT B [A]:	44
CURRENT C [A]:	44

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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. BREAKERS IN **BOLD** SHALL BE NEW.

1 TE-0.8 PANEL SCHEDULE

EXISTING PANEL: RP-B2RE
PROJECT NAME: YORK REGION MUNICIPALITY CENTRE
PROJECT #: 14008.025.E
LOCATION: ELECTRICAL ROOM 209
FED FROM: SP-B2B
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	
					2P	3	B	4	2P					
	EXISTING CCT				15	5	C	6	15				EXISTING CCT	
					2P	7	A	8	2P					
	EXISTING CCT				15	9	B	10	15				EXISTING CCT	
					2P	11	C	12	2P					
	EXISTING CCT				15	13	A	14	15				EXISTING CCT	
					2P	15	B	16	2P					
	EXISTING CCT				40	17	C	18	50	2700	4500	60	HWT-2	
					2P	19	A	20	25	828	1380	60	BF-2.1	
	SPACE					21	B	22	50	2700	4500	60	HWT-3	
	EXISTING CCT				15	23	C	24	15				EXISTING CCT	
	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	

PANEL OPTIONS:

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

LOAD A [KW]:	0.8
LOAD B [KW]:	2.7
LOAD C [KW]:	2.7
TOTAL [KW]:	6.2
CURRENT A [A]:	7
CURRENT B [A]:	23
CURRENT C [A]:	23

PHASE VOLTAGE [V]:	120
LINE VOLTAGE [V]:	208
PHASE:	3Φ
WIRE:	4
MAINS [A]:	225
MAIN BREAKER [A]:	
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. BREAKERS IN **BOLD** SHALL BE NEW.

2 TE-0.8 PANEL SCHEDULE

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NOTE

PROJECT CONTACT

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

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1.	ISSUED FOR 60% REVIEW	2025.06.27

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PROJECT
YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PANEL SCHEDULES

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-0.8
SCALE N.T.S

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. 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 LANDLORD AND TURN OVER ALL SELECTED LUMINAIRES AT A PLACE DESIGNATED BY LANDLORD. DISPOSE OF ALL LUMINAIRES REJECTED BY LANDLORD.

5. 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.

6. RELAMP EXISTING AND RELOCATED LUMINAIRES DUE TO BURNOUT CONDITIONS AND REPLACE FAULTY BALLASTS AS REQUIRED. INCLUDE IN BASE PRICE.

7. 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, PROVIDE 347–120V LIGHTING TRANSFORMERS AS REQUIRED. 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.

8. 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.

9. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS. FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120–347VAC VOLTAGE INPUT 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 PER EACH AREA.

10. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.

11. 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 ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW SPEAKER 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.

12. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.

13. ENSURE EXISTING FIXTURES OUTSIDE OF THE SCOPE OF WORK FED FROM EXISTING CIRCUITS THAT ARE DISCONNECTED AS PART OF THE DEMOLITION SCOPE ARE RECONNECTED TO EXISTING LIGHTING CIRCUITS. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO–ORDINATED WITH LANDLORD 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. 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 7/TE–0.6 FOR REQUIREMENTS.

15. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.

16. 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.

17. FIRE ALARM TESTING CAN ONLY BE DONE BETWEEN THE HOURS OF 7AM AND 8AM. FIRE ALARM CONTRACTOR TO PLAN FOR THIS AND SCHEDULE SITE VISITS AS REQUIRED.

18. IN ADDITION TO THE FIRE ALARM DEVICES INDICATED ON DRAWINGS, BASE BID PRICE SHALL INCLUDE FOR PROVISION (SUPPLY AND INSTALL) OF AN ADDITIONAL THREE (3) FIRE ALARM SPEAKER/STROBE FOR THIS FLOOR COMPLETE WITH 30'–0" CONDUIT AND WIRING (PER DEVICE), PROGRAMMING, TESTING AND CERTIFICATION, LABELING AND 100% REPEAT VERIFICATION FOR EACH DEVICE POST CITY FIRE DEPARTMENT INSPECTION.

19. ONCE THE THERMOSTAT OVERRIDE BUTTON IS PRESSED, THE LIGHTING SYSTEM IS TO ACTIVATE THE HALLWAY LIGHTING. COORDINATE LOCATION OF THERMOSTAT WITH MECHANICAL

DRAWING NOTES:

N–1 ALL FIXTURES ARE TYPE "L1" UNLESS OTHERWISE NOTED. TYP

N–2 FINAL LOCATION OF POTLIGHTS TO BE COORDINATED ON–SITE. TYP

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NOTE

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PROJECT
YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL GROUND FLOOR LIGHTING & FIRE ALARM LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-1.1

SCALE N.T.S

GENERAL NOTES:

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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. 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.
6. REFER TO ARCHITECT DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
7. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
8. 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.
9. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
10. ALLOW FOR THE REMOVAL AND RE-INSTALLATION OF SYSTEMS FURNITURE CONNECTIONS.
11. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
12. 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 COORDINATE EXACT LOCATION & MOUNTING HEIGHT OF RECEPTACLES NOTED AS "TV" WITH YORK REGION PRIOR TO INSTALLATION, TYPICAL.

N-2 RELOCATED CEILING MOUNTED FCU POWER CONNECTIONS SHOWN. ENSURE CIRCUITS ARE NOT OVERLOADED. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION. TYP.

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NOTE

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

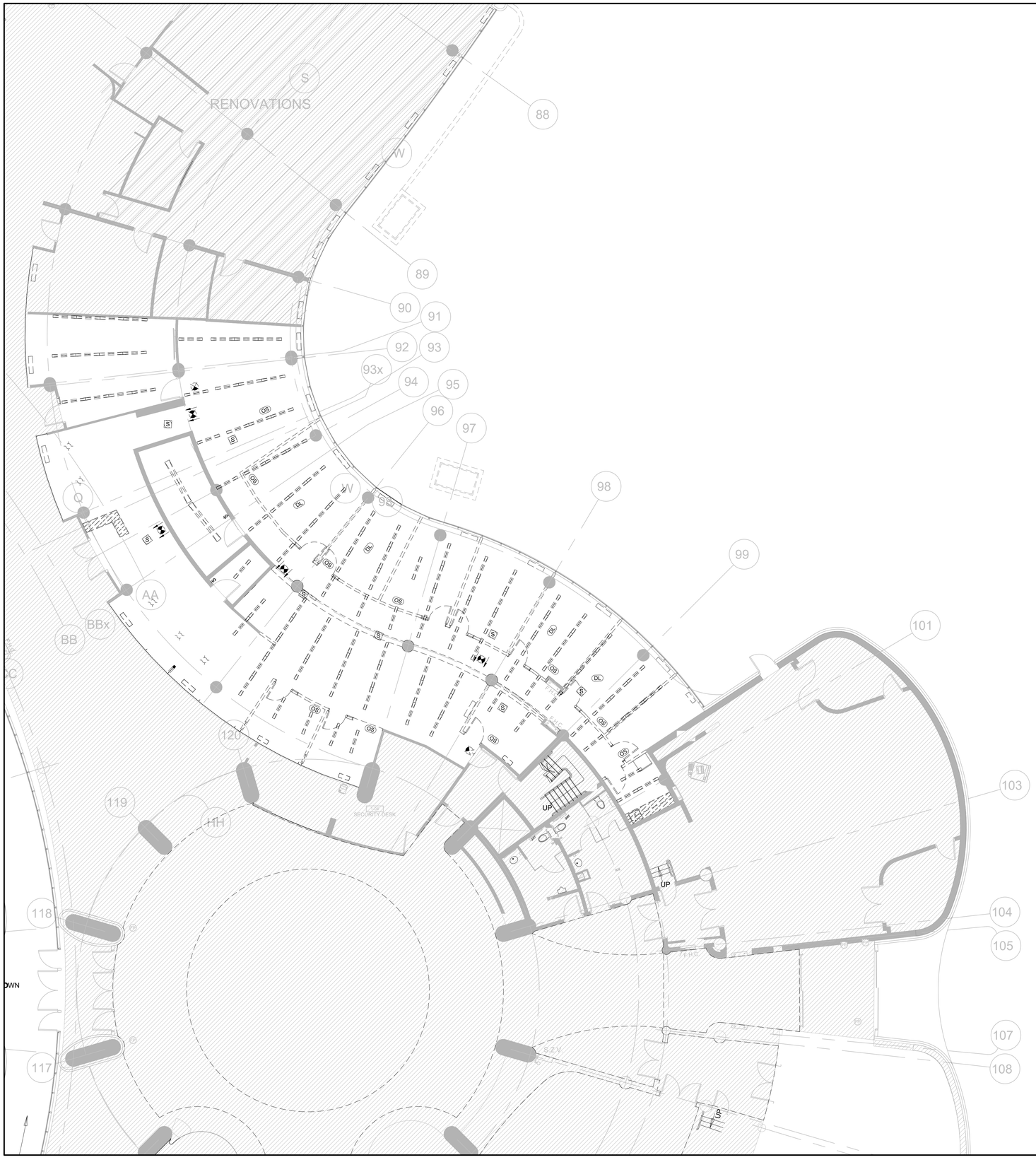
PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL GROUND FLOOR
POWER & SYSTEMS LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-1.2

SCALE
1:100



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. 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.
3. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
4. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
5. 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.
6. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

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NOTE

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PROJECT

YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

PARTIAL GROUND FLOOR
LIGHTING & FIRE ALARM
DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.

TE-1.3

SCALE

1:100

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. MAKE GOOD ALL CORE HOLES FROM ELECTRICAL EQUIPMENT AND DEVICES DISCONNECTED, RELOCATED AND OR REMOVED IN THIS PROJECT.
4. REMOVE FLOOR MONUMENT(S) AND ALL ASSOCIATED CONDUIT(S) AND WIRE BACK TO SOURCE. MAKE GOOD ALL FLOOR PENETRATIONS TO COMPLY WITH CURRENT LOCAL APPLICABLE CODES.
5. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
6. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
7. 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.
8. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

DRAWING NOTES:

(N-1) EX. CEILING MOUNTED FCU POWER CONNECTIONS TO BE RELOCATED AS REQUIRED. TYP.

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NOTE

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

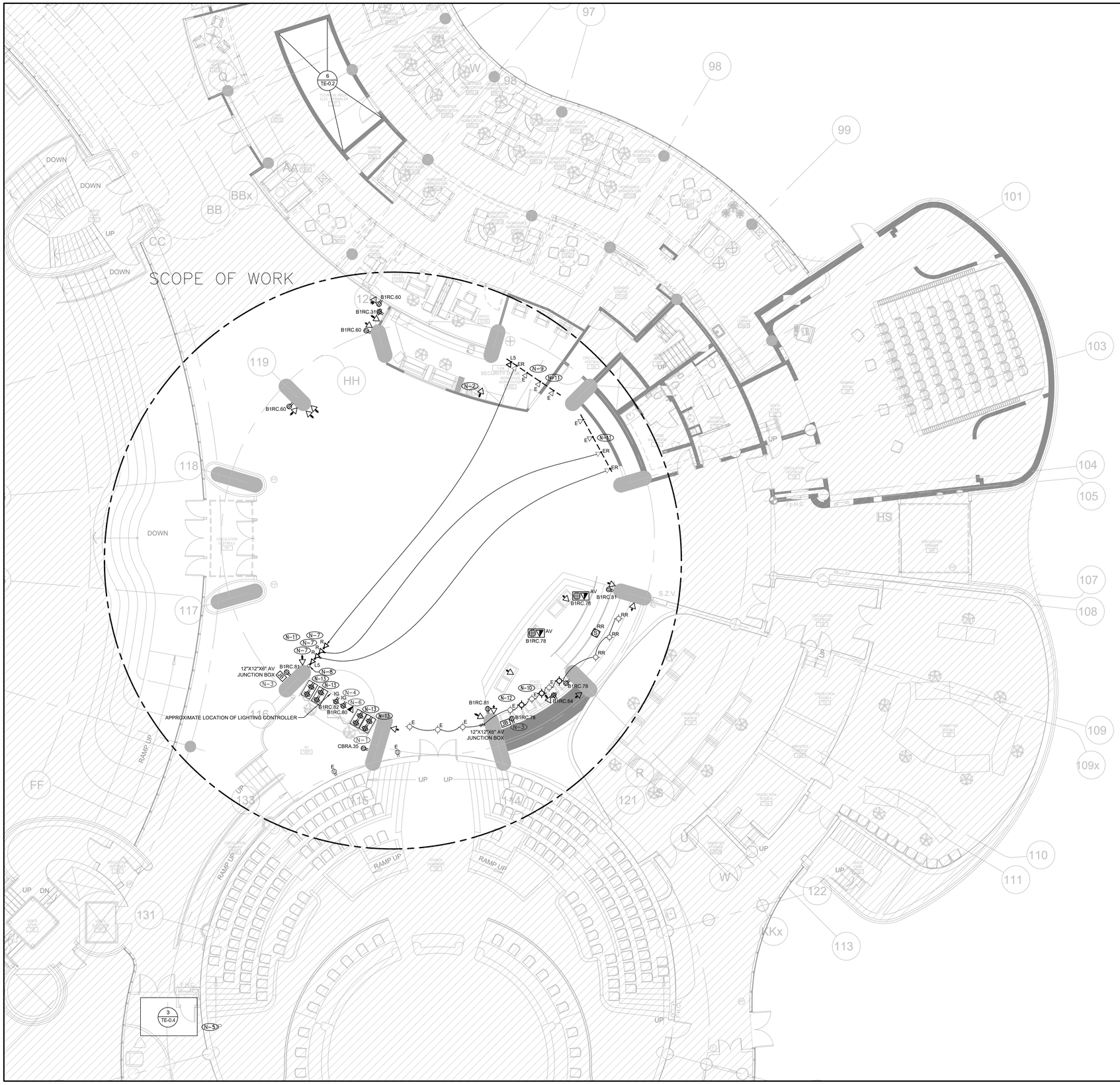
PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL GROUND FLOOR
POWER & SYSTEMS
DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-1.4

SCALE
1:100



GENERAL NOTES:

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH INTERIOR DESIGNER'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. 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.
4. REFER TO INTERIOR DESIGN 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. 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 AV EQUIPMENT WITH AV DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS. REFER TO AV RISER FOR CONDUIT INFORMATION AND REFER TO COORDINATION MATRIX FOR MUDRING INFORMATION. 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.
9. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL COMMUNICATION EQUIPMENT WITH COMMUNICATION DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS. REFER TO AV RISER FOR CONDUIT INFORMATION AND REFER TO COORDINATION MATRIX FOR MUDRING INFORMATION. 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.
10. ROUTE ALL CONDUIT SYSTEMS AROUND DUCT WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE LAYOUT SHOWN.

DRAWING NOTES:

N-1 CONNECT NEW RECEPTACLE TO EXISTING CIRCUIT

N-2 PROVIDE AV ROUGH-IN ON ROOF OF SECURITY DESK

N-3 PROVIDE NEW JUNCTION BOX FOR AV CONDUITS, COORDINATE EXACT SIZE AND LOCATION WITH AV CONTRACTOR

N-4 PROVIDE FIRE ALARM MUSIC SHUT DOWN RELAY AS REQUIRED SUCH THAT MUSIC SYSTEM SHUTSDOWN/MUTES UPON ACTIVATION OF FIRE ALARM SYSTEM. COORDINATE WITH AV VENDOR AND GENERAL CONTRACTOR TO ENSURE MUSIC SYSTEM IS INSTALLED AND FULLY FUNCTIONAL AT THE TIME OF FIRE ALARM VERIFICATION.

N-5 APPROXIMATE LOCATION OF EXISTING PANEL RP-CBRA INSIDE ELECTRICAL ROOM AT "P1" LEVEL BELOW

N-6 PROVIDE ONE (1) PULLBOX SIZED TO CONDUIT REQUIREMENTS. COORDINATE EXACT SIZE AND LOCATION WITH AV CONTRACTOR.

N-7 RETROFIT RELOCATED LIGHT FIXTURE WITH ETC SOURCE 4WRD COLOR II RETROFIT KIT (S4WRDCII).

N-8 PROVIDE FOUR (4) L5-20R RECEPTACLES FED FROM B1RC.83 FOR AV LIGHT FIXTURES.

N-9 EXISTING LIGHT FIXTURE POWER BAR TO BE REMOVED. PROVIDE FOUR (4) L-520R RECEPTACLES TO POWER FIXTURES. RECEPTACLES TO REUSE POWER BAR CIRCUIT AND BE SURFACE MOUNTED ON UNISTRUT.

N-10 PROVIDE THREE (3) NEW POT LIGHTS, SPEC TO MATCH EXISTING POT LIGHTS IN THE SPACE.

N-11 PROVIDE 22 AWG TWISTED PAIR WITH FOIL SHIELD FROM LIGHT FIXTURES TO LIGHTING CONTROLLER FOR DMX CONTROL.

N-12 LOCATION OF EXISTING AV DESK SHOWN. DEMOLISH ALL EXISTING POWER.

N-13 POWER FOR NEW AV DESK TO BE REUSED FROM EXISTING AV DESK. WHERE CIRCUIT CAPACITY IS INSUFFICIENT, ALLOW FOR NEW 15A CIRCUITS FROM RP-B1RC AND/OR RP-CBRA. RECEPTACLES TO BE GROUPED AS SHOWN. COORDINATE WITH OWNER AND AV CONTRACTOR FOR EXACT REQUIREMENTS. ENSURE CIRCUITS ARE NOT OVERLOADED.

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PROJECT
YORK REGION MUNICIPALITY CENTRE

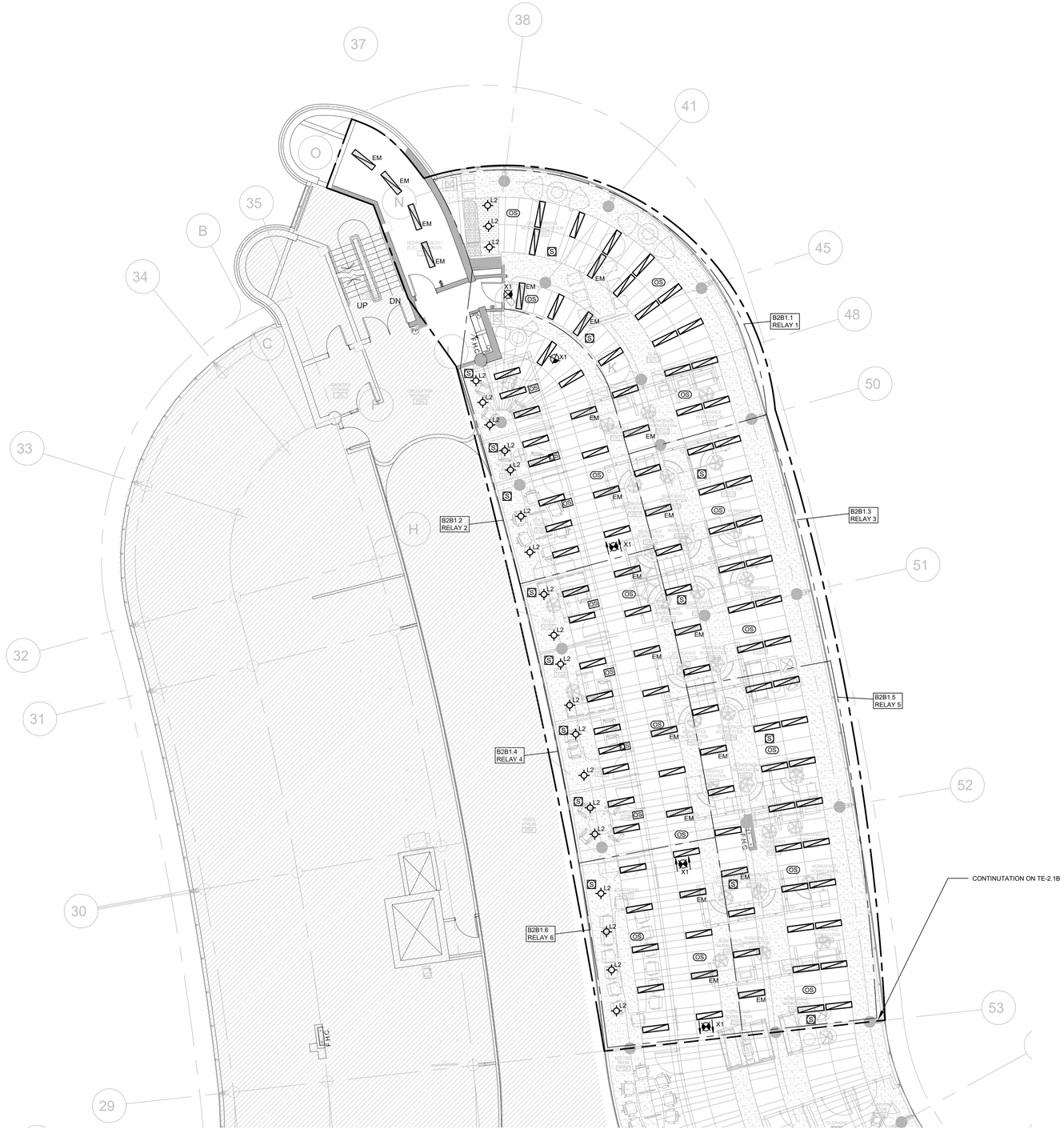
PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
GROUND FLOOR GREAT HALL ELECTRICAL LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-1.1A

SCALE
1:100



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. 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 LANDLORD AND TURN OVER ALL SELECTED LUMINAIRES AT A PLACE DESIGNATED BY LANDLORD. DISPOSE OF ALL LUMINAIRES REJECTED BY LANDLORD.

5. 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.

6. RELAMP EXISTING AND RELOCATED LUMINAIRES DUE TO BURNOUT CONDITIONS AND REPLACE FAULTY BALLASTS AS REQUIRED. INCLUDE IN BASE PRICE.

7. 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. PROVIDE 347–120V LIGHTING TRANSFORMERS AS REQUIRED. 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.

8. 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.

9. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS. FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120–347VAC VOLTAGE INPUT 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 PER EACH AREA.

10. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.

11. 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 ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW SPEAKER 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.

12. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.

13. ENSURE EXISTING FIXTURES OUTSIDE OF THE SCOPE OF WORK FED FROM EXISTING CIRCUITS THAT ARE DISCONNECTED AS PART OF THE DEMOLITION SCOPE ARE RECONNECTED TO EXISTING LIGHTING CIRCUITS. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO–ORDINATED WITH LANDLORD 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. 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 7/TE–0.6 FOR REQUIREMENTS.

15. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.

16. 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.

17. FIRE ALARM TESTING CAN ONLY BE DONE BETWEEN THE HOURS OF 7AM AND 8AM. FIRE ALARM CONTRACTOR TO PLAN FOR THIS AND SCHEDULE SITE VISITS AS REQUIRED.

18. IN ADDITION TO THE FIRE ALARM DEVICES INDICATED ON DRAWINGS, BASE BID PRICE SHALL INCLUDE FOR PROVISION (SUPPLY AND INSTALL) OF AN ADDITIONAL THREE (3) FIRE ALARM SPEAKER/STROBE FOR THIS FLOOR COMPLETE WITH 30'–0" CONDUIT AND WIRING (PER DEVICE), PROGRAMMING, TESTING AND CERTIFICATION, LABELING AND 100% REPEAT VERIFICATION FOR EACH DEVICE POST CITY FIRE DEPARTMENT INSPECTION.

19. ONCE THE THERMOSTAT OVERRIDE BUTTON IS PRESSED, THE LIGHTING SYSTEM IS TO ACTIVATE THE HALLWAY LIGHTING. COORDINATE LOCATION OF THERMOSTAT WITH MECHANICAL

DRAWING NOTES:

N–1 ALL FIXTURES ARE TYPE "L1" UNLESS OTHERWISE NOTED. TYP

N–2 FINAL LOCATION OF POTLIGHTS TO BE COORDINATED ON–SITE. TYP

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NOTE

PROJECT CONTACT

NAME: John Bei
TEL: 437-880-5404
EMAIL: john.bei@smithandandersen.com

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

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PROJECT
YORK REGION MUNICIPALITY CENTRE

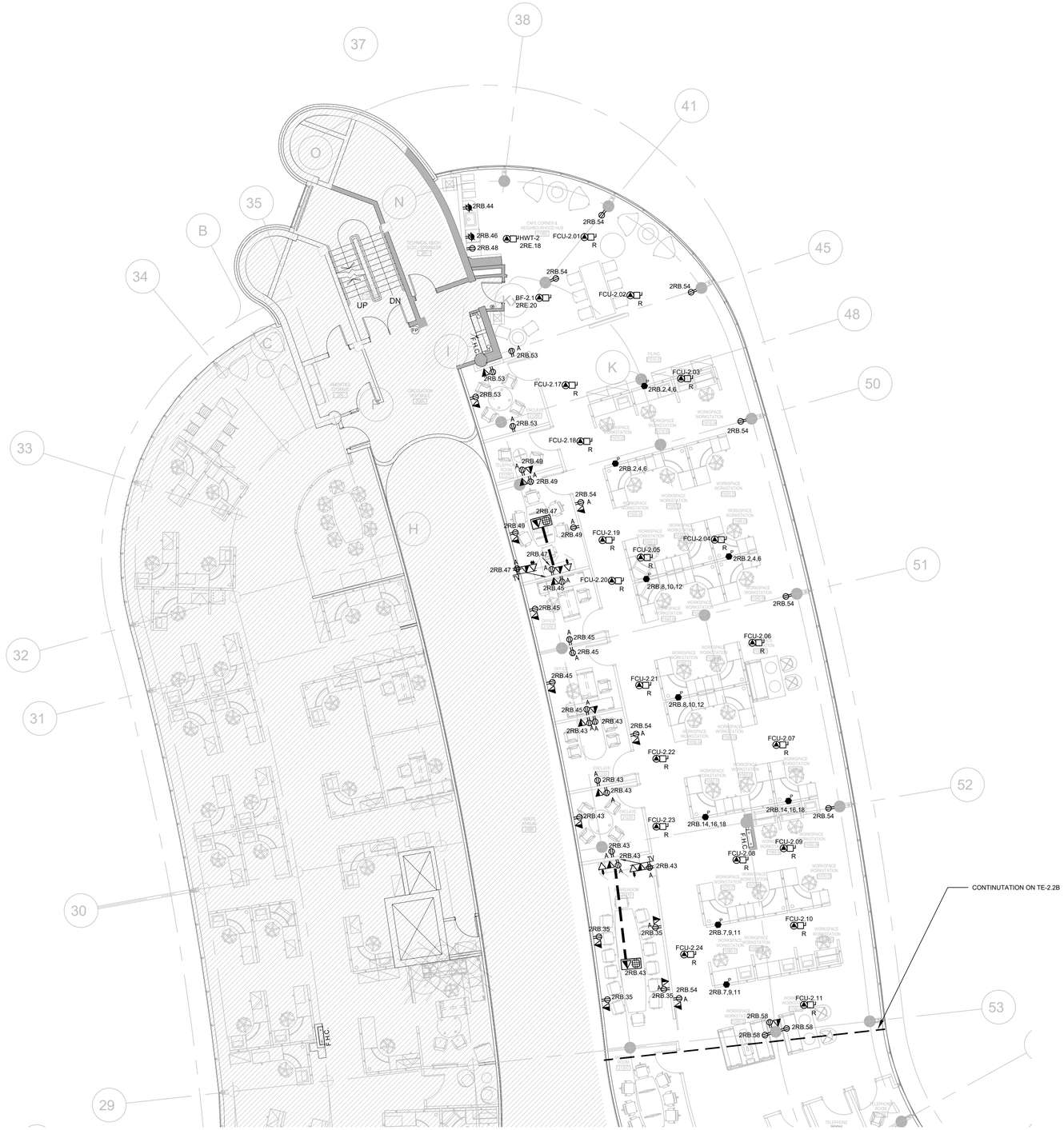
PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-2.1A

SCALE 1:100



GENERAL NOTES:

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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. 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.
6. REFER TO ARCHITECT DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
7. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
8. 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.
9. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
10. ALLOW FOR THE REMOVAL AND RE-INSTALLATION OF SYSTEMS FURNITURE CONNECTIONS.
11. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
12. 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 COORDINATE EXACT LOCATION & MOUNTING HEIGHT OF RECEPTACLES NOTED AS "TV" WITH YORK REGION PRIOR TO INSTALLATION, TYPICAL.

N-2 RELOCATED CEILING MOUNTED FCU POWER CONNECTIONS SHOWN. ENSURE CIRCUITS ARE NOT OVERLOADED. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION. TYP.

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NOTE

PROJECT CONTACT

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1.	ISSUED FOR 60% REVIEW	2025.06.27

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PROJECT

YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

PARTIAL SECOND FLOOR POWER & SYSTEMS LAYOUT

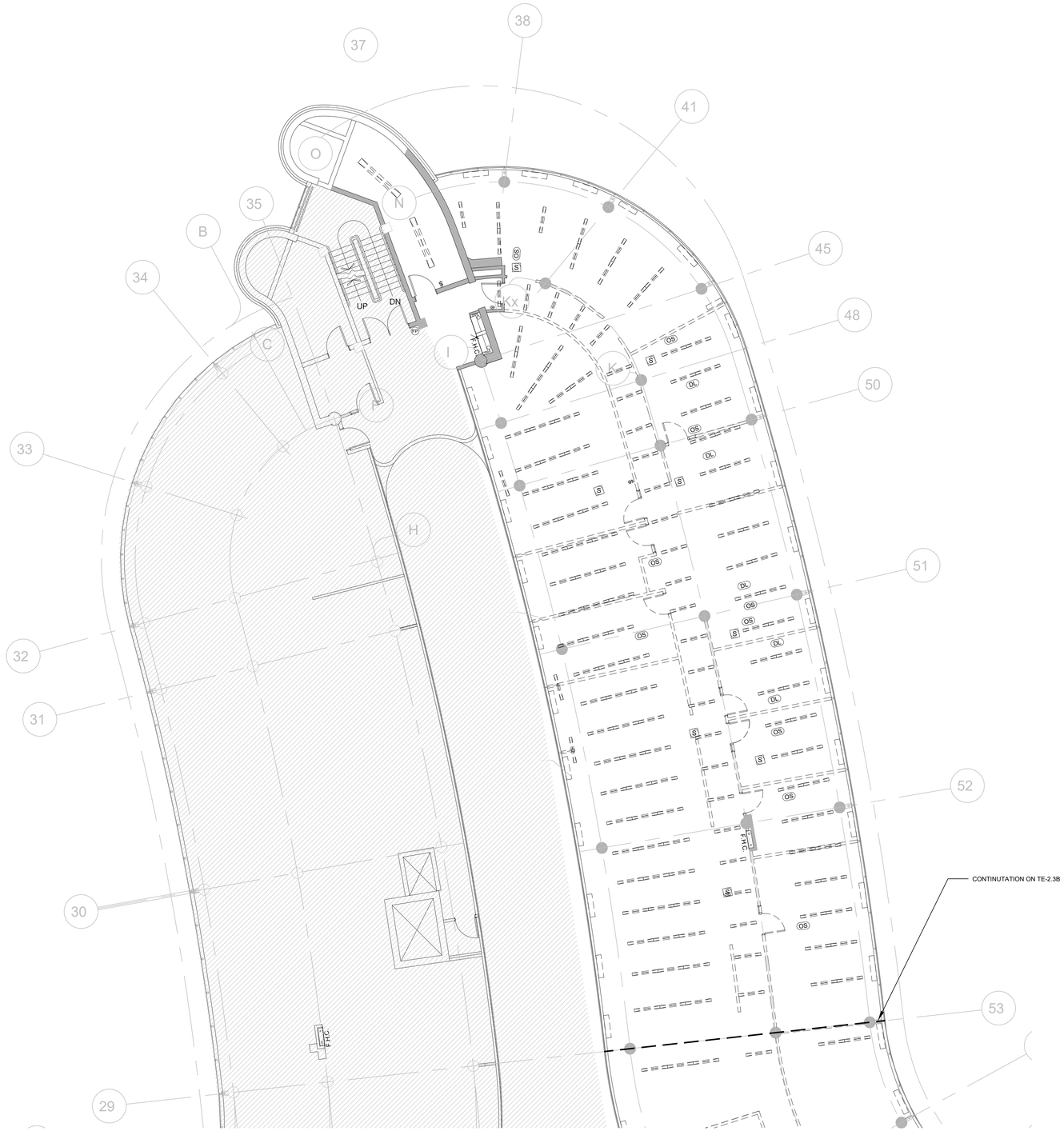
PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.

TE-2.2A

SCALE

1:100



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. 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.
3. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
4. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
5. 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.
6. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

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NOTE

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PROJECT
YORK REGION MUNICIPALITY CENTRE

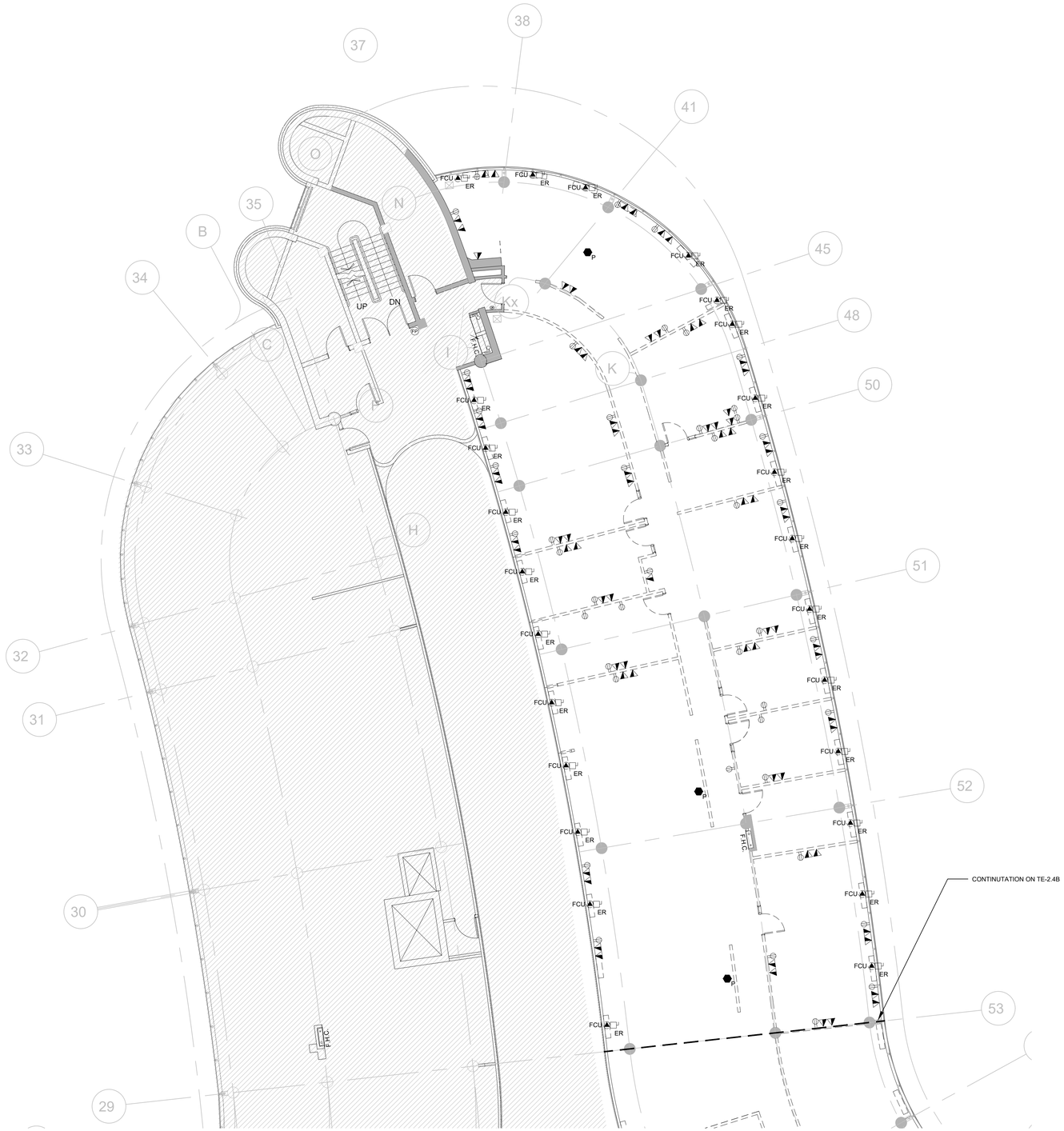
PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-2.3A

SCALE 1:100



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. MAKE GOOD ALL CORE HOLES FROM ELECTRICAL EQUIPMENT AND DEVICES DISCONNECTED, RELOCATED AND OR REMOVED IN THIS PROJECT.
4. REMOVE FLOOR MONUMENT(S) AND ALL ASSOCIATED CONDUIT(S) AND WIRE BACK TO SOURCE. MAKE GOOD ALL FLOOR PENETRATIONS TO COMPLY WITH CURRENT LOCAL APPLICABLE CODES.
5. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
6. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
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8. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

DRAWING NOTES:

(N-1) EX. CEILING MOUNTED FCU TO BE DEMOLISHED. TYP

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NOTE

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL SECOND FLOOR
POWER & SYSTEMS
DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-2.4A

SCALE
1:100

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8. 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.

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10. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.

11. 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** ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW **SPEAKER** 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.

12. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.

13. ENSURE EXISTING FIXTURES OUTSIDE OF THE SCOPE OF WORK FED FROM EXISTING CIRCUITS THAT ARE DISCONNECTED AS PART OF THE DEMOLITION SCOPE ARE RECONNECTED TO EXISTING LIGHTING CIRCUITS. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO-ORDINATED WITH LANDLORD 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. 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 **7/TE-0.6** FOR REQUIREMENTS.

15. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.

16. 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.

17. FIRE ALARM TESTING CAN ONLY BE DONE BETWEEN THE HOURS OF 7AM AND 8AM. FIRE ALARM CONTRACTOR TO PLAN FOR THIS AND SCHEDULE SITE VISITS AS REQUIRED.

18. IN ADDITION TO THE FIRE ALARM DEVICES INDICATED ON DRAWINGS, BASE BID PRICE SHALL INCLUDE FOR PROVISION (SUPPLY AND INSTALL) OF AN ADDITIONAL THREE (3) FIRE ALARM SPEAKER/STROBE FOR THIS FLOOR COMPLETE WITH 30'-0" CONDUIT AND WIRING (PER DEVICE), PROGRAMMING, TESTING AND CERTIFICATION, LABELING AND 100% REPEAT VERIFICATION FOR EACH DEVICE POST CITY FIRE DEPARTMENT INSPECTION.

19. ONCE THE THERMOSTAT OVERRIDE BUTTON IS PRESSED, THE LIGHTING SYSTEM IS TO ACTIVATE THE HALLWAY LIGHTING. COORDINATE LOCATION OF THERMOSTAT WITH MECHANICAL

DRAWING NOTES:

N-1 ALL FIXTURES ARE TYPE "L1" UNLESS OTHERWISE NOTED. TYP

N-2 FINAL LOCATION OF POTLIGHTS TO BE COORDINATED ON-SITE. TYP

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NOTE

PROJECT CONTACT

NAME: John Bei
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EMAIL: john.bei@smithandandersen.com

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

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PROJECT
YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-2.1B

SCALE
1:100

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. 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.
6. REFER TO ARCHITECT DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
7. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
8. 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.
9. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
10. ALLOW FOR THE REMOVAL AND RE–INSTALLATION OF SYSTEMS FURNITURE CONNECTIONS.
11. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH–INS.
12. 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 COORDINATE EXACT LOCATION & MOUNTING HEIGHT OF RECEPTACLES NOTED AS "TV" WITH YORK REGION PRIOR TO INSTALLATION, TYPICAL.

N–2 RELOCATED CEILING MOUNTED FCU POWER CONNECTIONS SHOWN. ENSURE CIRCUITS ARE NOT OVERLOADED. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION. TYP.

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NOTE

PROJECT CONTACT

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL SECOND FLOOR
POWER & SYSTEMS LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-2.2B

SCALE
1:100

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. 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.
3. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
4. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
5. 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.
6. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

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NOTE

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PROJECT

YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

PARTIAL SECOND FLOOR
LIGHTING & FIRE ALARM
DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.

TE-2.3B

SCALE

1:100

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. MAKE GOOD ALL CORE HOLES FROM ELECTRICAL EQUIPMENT AND DEVICES DISCONNECTED, RELOCATED AND OR REMOVED IN THIS PROJECT.
4. REMOVE FLOOR MONUMENT(S) AND ALL ASSOCIATED CONDUIT(S) AND WIRE BACK TO SOURCE. MAKE GOOD ALL FLOOR PENETRATIONS TO COMPLY WITH CURRENT LOCAL APPLICABLE CODES.
5. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
6. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
7. 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.
8. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

DRAWING NOTES:

(N-1) EX. CEILING MOUNTED FCU TO BE DEMOLISHED. TYP

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NOTE

PROJECT CONTACT

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL SECOND FLOOR
POWER & SYSTEMS
DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-2.4B

SCALE
1:100

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. 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 LANDLORD AND TURN OVER ALL SELECTED LUMINAIRES AT A PLACE DESIGNATED BY LANDLORD. DISPOSE OF ALL LUMINAIRES REJECTED BY LANDLORD.

5. 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.

6. RELAMP EXISTING AND RELOCATED LUMINAIRES DUE TO BURNOUT CONDITIONS AND REPLACE FAULTY BALLASTS AS REQUIRED. INCLUDE IN BASE PRICE.

7. 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. PROVIDE 347–120V LIGHTING TRANSFORMERS AS REQUIRED. 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.

8. 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.

9. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS. FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120–347VAC VOLTAGE INPUT 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 PER EACH AREA.

10. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.

11. 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 ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW SPEAKER 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.

12. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.

13. ENSURE EXISTING FIXTURES OUTSIDE OF THE SCOPE OF WORK FED FROM EXISTING CIRCUITS THAT ARE DISCONNECTED AS PART OF THE DEMOLITION SCOPE ARE RECONNECTED TO EXISTING LIGHTING CIRCUITS. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO–ORDINATED WITH LANDLORD 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. 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 7/TE–0.6 FOR REQUIREMENTS.

15. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.

16. 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.

17. FIRE ALARM TESTING CAN ONLY BE DONE BETWEEN THE HOURS OF 7AM AND 8AM. FIRE ALARM CONTRACTOR TO PLAN FOR THIS AND SCHEDULE SITE VISITS AS REQUIRED.

18. IN ADDITION TO THE FIRE ALARM DEVICES INDICATED ON DRAWINGS, BASE BID PRICE SHALL INCLUDE FOR PROVISION (SUPPLY AND INSTALL) OF AN ADDITIONAL THREE (3) FIRE ALARM SPEAKER/STROBE FOR THIS FLOOR COMPLETE WITH 30'–0" CONDUIT AND WIRING (PER DEVICE), PROGRAMMING, TESTING AND CERTIFICATION, LABELING AND 100% REPEAT VERIFICATION FOR EACH DEVICE POST CITY FIRE DEPARTMENT INSPECTION.

19. ONCE THE THERMOSTAT OVERRIDE BUTTON IS PRESSED, THE LIGHTING SYSTEM IS TO ACTIVATE THE HALLWAY LIGHTING. COORDINATE LOCATION OF THERMOSTAT WITH MECHANICAL

DRAWING NOTES:

N–1 ALL FIXTURES ARE TYPE "L1" UNLESS OTHERWISE NOTED. TYP

N–2 FINAL LOCATION OF POTLIGHTS TO BE COORDINATED ON–SITE. TYP

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NOTE

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PROJECT
YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-2.1C

SCALE
1:100

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. 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.
6. REFER TO ARCHITECT DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
7. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
8. 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.
9. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
10. ALLOW FOR THE REMOVAL AND RE-INSTALLATION OF SYSTEMS FURNITURE CONNECTIONS.
11. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
12. 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 PROVIDE ELECTRICAL INFRASTRUCTURE FOR SECURITY CAMERAS, CONFIRM EXACT LOCATIONS AND REQUIREMENTS WITH CORPORATE SECURITY (SCOTT LATOUR) PRIOR TO INSTALLATION

N-2 PROVIDE ELECTRICAL INFRASTRUCTURE FOR PANIC BUTTONS, CONFIRM EXACT LOCATIONS AND REQUIREMENTS WITH CORPORATE SECURITY (SCOTT LATOUR) PRIOR TO INSTALLATION

N-3 COORDINATE EXACT LOCATION & MOUNTING HEIGHT OF RECEPTACLES NOTED AS "TV" WITH YORK REGION PRIOR TO INSTALLATION, TYPICAL.

N-4 RELOCATED CEILING MOUNTED FCU POWER CONNECTIONS SHOWN. ENSURE CIRCUITS ARE NOT OVERLOADED. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION. TYP.

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NOTE

PROJECT CONTACT

NAME: John Bei
TEL: 437-880-5404
EMAIL: john.bei@smithandandersen.com

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

Smith + Andersen
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PROJECT

YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

PARTIAL SECOND FLOOR
POWER & SYSTEMS LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.

TE-2.2C

SCALE

1:100

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. 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.
3. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
4. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
5. 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.
6. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

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PROJECT

YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

PARTIAL SECOND FLOOR LIGHTING & FIRE ALARM DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.

TE-2.3C

SCALE

1:100

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. MAKE GOOD ALL CORE HOLES FROM ELECTRICAL EQUIPMENT AND DEVICES DISCONNECTED, RELOCATED AND OR REMOVED IN THIS PROJECT.
4. REMOVE FLOOR MONUMENT(S) AND ALL ASSOCIATED CONDUIT(S) AND WIRE BACK TO SOURCE. MAKE GOOD ALL FLOOR PENETRATIONS TO COMPLY WITH CURRENT LOCAL APPLICABLE CODES.
5. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
6. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
7. 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.
8. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

DRAWING NOTES:

(N-1) EX. CEILING MOUNTED FCU TO BE DEMOLISHED. TYP

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NOTE

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

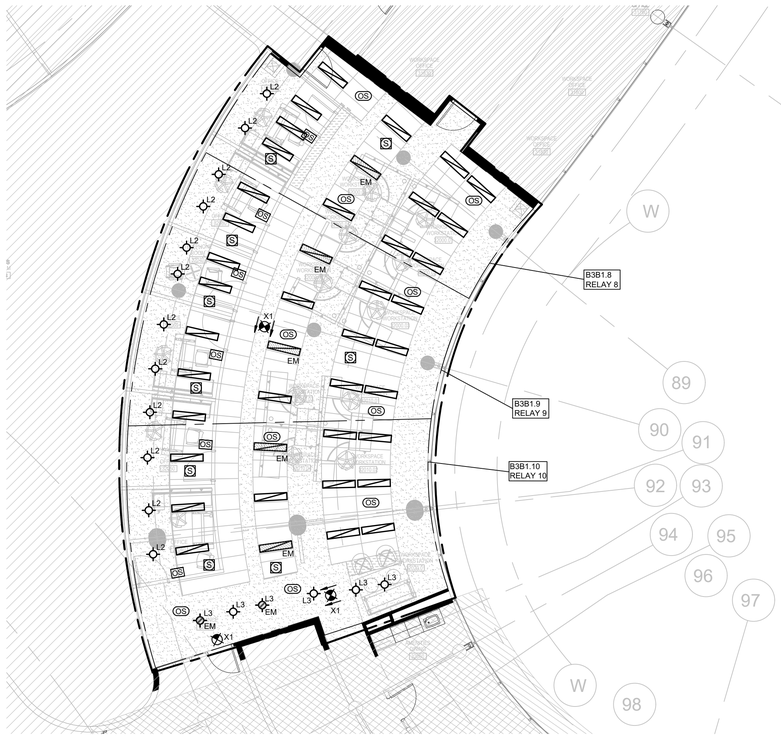
PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL SECOND FLOOR
POWER & SYSTEMS
DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-2.4C

SCALE
1:100



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, WAP'S 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. 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 LANDLORD AND TURN OVER ALL SELECTED LUMINAIRES AT A PLACE DESIGNATED BY LANDLORD. DISPOSE OF ALL LUMINAIRES REJECTED BY LANDLORD.

5. 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.

6. RELAMP EXISTING AND RELOCATED LUMINAIRES DUE TO BURNOUT CONDITIONS AND REPLACE FAULTY BALLASTS AS REQUIRED. INCLUDE IN BASE PRICE.

7. 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, PROVIDE 347–120V LIGHTING TRANSFORMERS AS REQUIRED. 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.

8. 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.

9. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS. **FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120–347VAC VOLTAGE INPUT 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 PER EACH AREA.

10. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.

11. 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** ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW **SPEAKER** 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.

12. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.

13. ENSURE EXISTING FIXTURES OUTSIDE OF THE SCOPE OF WORK FED FROM EXISTING CIRCUITS THAT ARE DISCONNECTED AS PART OF THE DEMOLITION SCOPE ARE RECONNECTED TO EXISTING LIGHTING CIRCUITS. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO–ORDINATED WITH LANDLORD 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. 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 **7/TE–0.6** FOR REQUIREMENTS.

15. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.

16. 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.

17. FIRE ALARM TESTING CAN ONLY BE DONE BETWEEN THE HOURS OF 7AM AND 8AM. FIRE ALARM CONTRACTOR TO PLAN FOR THIS AND SCHEDULE SITE VISITS AS REQUIRED.

18. IN ADDITION TO THE FIRE ALARM DEVICES INDICATED ON DRAWINGS, BASE BID PRICE SHALL INCLUDE FOR PROVISION (SUPPLY AND INSTALL) OF AN ADDITIONAL THREE (3) FIRE ALARM SPEAKER/STROBE FOR THIS FLOOR COMPLETE WITH 30'–0" CONDUIT AND WIRING (PER DEVICE), PROGRAMMING, TESTING AND CERTIFICATION, LABELING AND 100% REPEAT VERIFICATION FOR EACH DEVICE POST CITY FIRE DEPARTMENT INSPECTION.

19. ONCE THE THERMOSTAT OVERRIDE BUTTON IS PRESSED, THE LIGHTING SYSTEM IS TO ACTIVATE THE HALLWAY LIGHTING. COORDINATE LOCATION OF THERMOSTAT WITH MECHANICAL

DRAWING NOTES:

N–1 ALL FIXTURES ARE TYPE "L1" UNLESS OTHERWISE NOTED. TYP

N–2 FINAL LOCATION OF POTLIGHTS TO BE COORDINATED ON–SITE. TYP

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NOTE

PROJECT CONTACT

NAME: John Bei
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EMAIL: john.bei@smithandandersen.com

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PROJECT

YORK REGION MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

PARTIAL THIRD FLOOR LIGHTING & FIRE ALARM LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO. TE-3.1

SCALE 1:100

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. 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.
6. REFER TO ARCHITECT DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
7. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
8. 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.
9. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
10. ALLOW FOR THE REMOVAL AND RE-INSTALLATION OF SYSTEMS FURNITURE CONNECTIONS.
11. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
12. 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 COORDINATE EXACT LOCATION & MOUNTING HEIGHT OF RECEPTACLES NOTED AS "TV" WITH YORK REGION PRIOR TO INSTALLATION, TYPICAL.

N-2 RELOCATED CEILING MOUNTED FCU POWER CONNECTIONS SHOWN. ENSURE CIRCUITS ARE NOT OVERLOADED. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION. TYP.

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PROJECT
YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS
17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE
PARTIAL THIRD FLOOR
POWER & SYSTEMS LAYOUT

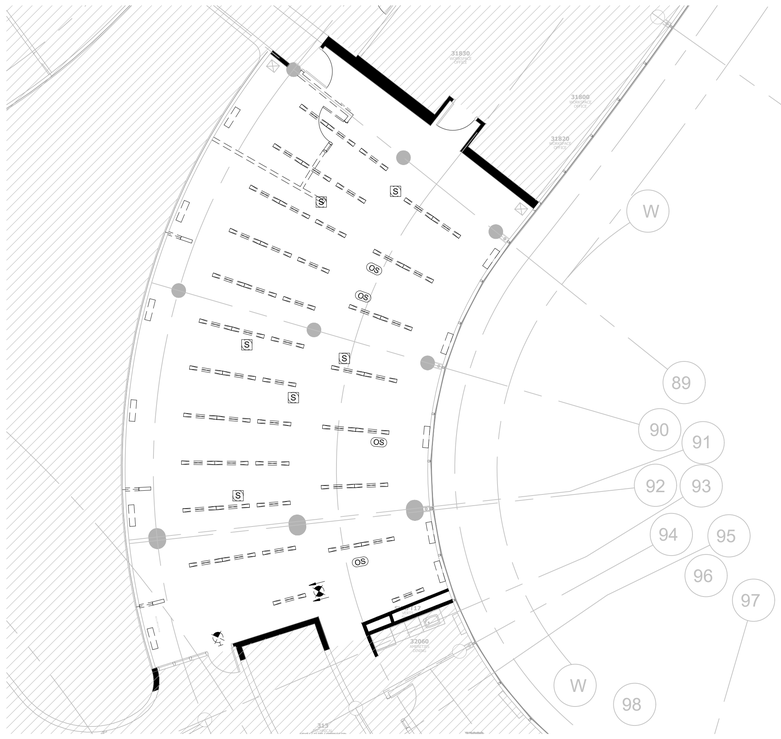
PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.
TE-3.2

SCALE
1:100

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. 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.
3. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
4. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
5. 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.
6. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.



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PROJECT

YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

PARTIAL THIRD FLOOR
LIGHTING & FIRE ALARM
DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.

TE-3.3

SCALE

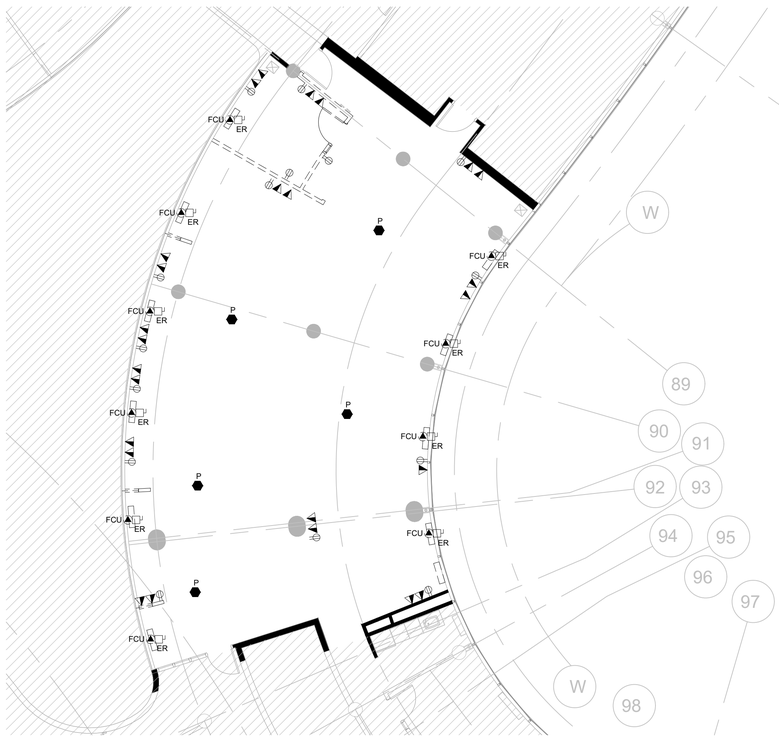
1:100

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. MAKE GOOD ALL CORE HOLES FROM ELECTRICAL EQUIPMENT AND DEVICES DISCONNECTED, RELOCATED AND OR REMOVED IN THIS PROJECT.
4. REMOVE FLOOR MONUMENT(S) AND ALL ASSOCIATED CONDUIT(S) AND WIRE BACK TO SOURCE. MAKE GOOD ALL FLOOR PENETRATIONS TO COMPLY WITH CURRENT LOCAL APPLICABLE CODES.
5. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
6. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
7. 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.
8. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.

DRAWING NOTES:

(N-1) EX. CEILING MOUNTED FCU TO BE DEMOLISHED. TYP



zeidler

Zeidler Architecture

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NOTE

PROJECT CONTACT

NAME: John Bei
TEL: 437-880-5404
EMAIL: john.bei@smithandandersen.com

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

NO.	ISSUED/REVISION	DATE
6.	ISSUED FOR TENDER	2026.02.24
5.	ISSUED FOR TENDER	2026.01.30
4.	ISSUED FOR PERMIT	2026.01.16
3.	ISSUED FOR 100% REVIEW	2025.11.14
2.	ISSUED FOR 90% REVIEW	2025.10.03
1.	ISSUED FOR 60% REVIEW	2025.06.27

Smith + Andersen

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PROJECT

YORK REGION
MUNICIPALITY CENTRE

PROJECT ADDRESS

17250 YONGE STREET, NEWMARKET, ONTARIO L3Y 4W5

TITLE

PARTIAL THIRD FLOOR
POWER & SYSTEMS
DEMOLITION LAYOUT

PROJECT NO.	DRAWN	CHECKED
14008-025-E	JB	WYC/NC

DRAWING NO.

TE-3.4

SCALE

1:100