

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
LINETYPES	
	NEW WORK
	WORK TO BE DEMOLISHED, OR REMOVED
	EXISTING MATERIAL/EQUIPMENT/SERVICES TO REMAIN
	FUTURE WORK (NOT IN SCOPE)
	EXTENTS OF FIRE ALARM ZONE, WET LOCATION, OR OTHER AREA AS NOTED ON PLANS
ABBREVIATIONS	
E	EXISTING TO REMAIN
R	EXISTING TO BE DEMOLISHED/REMOVED
ER	EXISTING IN RELOCATED POSITION
RR	REMOVE AND RELOCATE
C	CEILING MOUNTED CONNECTION
W	WALL MOUNTED CONNECTION
F	FLOOR MOUNTED CONNECTION
ℓ	CENTRE LINE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
O/C	OVER COUNTER
U/C	UNDER CABINET
U/F	UNDER RAISED FLOOR
CCT	CIRCUIT
CTE	CONNECT TO EXISTING
AFCI	ARC FAULT CIRCUIT INTERRUPTER
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
IG	ISOLATED GROUND
TL	TWIST LOCK
TR	TAMPER RESISTANT
WG	WIRE GUARD
WP	WEATHER PROOF
EX	EXPLOSION PROOF
HZ	HAZARDOUS LOCATION
RI	ROUGH-IN ONLY
NIC	NOT IN CONTRACT
SIM.	SIMILAR TO
TP	TYPICAL
ABBREVIATIONS - CODES AND STANDARDS	
OBC	ONTARIO BUILDING CODE
OESC	ONTARIO ELECTRICAL SAFETY CODE
OFC	ONTARIO FIRE CODE
ABBREVIATIONS - CEILING TYPES	
ACT	ACOUSTIC CEILING TILE (T-BAR)
EXP	EXPOSED CEILING
GB	GYPSUM BOARD CEILING
OWSJ	OPEN WEB STEEL JOISTS
PCC	PAINTED OR POPCORN CEILING ON EXPOSED CONCRETE
WD	WOOD CEILING
ANNOTATIONS	
CL	CLOSET
WR	WASHROOM
PLUMBING	
PTP	ELECTRONIC TRAP PRIMER
PSC	PLUMBING SENSOR CONTROL (TOUCHLESS FAUCETS)
HVAC	
	THERMOSTAT OR TEMPERATURE SENSOR
	TIMER CONTROL
BBH	ELECTRIC BASEBOARD HEATER (BBH)
BFH	FORCED FLOW HEATER
ERV	ENERGY RECOVERY VENTILATOR
HRU	HEAT RECOVERY UNIT
MUA	MAKE-UP AIR UNIT
CONDUIT AND BOXES	
	CONDUIT WITH END BUSHING
	CONDUIT UP
	CONDUIT DOWN
	CONDUIT CONTINUES
	JUNCTION BOX
	PULL BOX
	HAND HOLE
CONNECTIONS TO EQUIPMENT	
DW	DISHWASHER
FR	FRIDGE
MW	MICROWAVE
HD	HAND DRYER, ALLOW UP TO 208V-1PH-20A
	1-PHASE DIRECT CONNECTION OUTLET AS NOTED.
	3-PHASE DIRECT CONNECTION OUTLET AS NOTED.
	SYSTEM FURNITURE WALL FEED FOR POWER AND TELECOMMUNICATIONS UNLESS NOTED OTHERWISE.
	"C" ADJACENT TO SYMBOL DENOTES CEILING FEED, "F" ADJACENT TO SYMBOL DENOTES FLOOR FEED.
	ADJACENT TO 3-PHASE DIRECT CONNECTION, DENOTES WALL SYSTEM FURNITURE FEED FOR POWER AND COMMUNICATIONS.
	CONNECTION TO SINGLE PHASE MOTOR, HP (KW) AS NOTED. PROVIDE LOCAL DISCONNECT.
	THREE PHASE MOTOR, HP (KW) AS NOTED. PROVIDE LOCAL DISCONNECT.
LIGHTING CONTROLS	
REFER TO SPECIFICATIONS AND RESPECTIVE SCHEDULES FOR EXACT REQUIREMENTS	
	SWITCH OR OTHER USER INTERFACE DEVICE AS DESCRIBED ON LIGHTING CONTROLS SCHEDULE.
	3-WAY SWITCH
DIM	ADJACENT TO SWITCH, DENOTES DIMMING SWITCH.
K	ADJACENT TO SWITCH, DENOTES KEY SWITCH.
T	ADJACENT TO SWITCH, DENOTES COUNTDOWN TIMER SWITCH
AT	ADJACENT TO SWITCH, DENOTES ASTRONOMICAL TIMER SWITCH
DS	ADJACENT TO SWITCH, DENOTES DOOR SWITCH
PIR	PASSIVE INFRARED SENSOR
DT	DUAL TECHNOLOGY SENSOR
UT	ULTRASONIC SENSOR
THIS LEGEND IS GENERIC. ALL SYMBOLS LISTED MAY NOT BE APPLICABLE FOR THIS PROJECT. REFER TO FLOOR PLANS TO DETERMINE USED DEVICES AND EQUIPMENT.	

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
OS	SENSOR (TYPE UNKNOWN)
M	ADJACENT TO SWITCH, DENOTES MASTER CONTROL FOR ALL LUMINAIRES IN A ROOM OR SPACE, OR AS NOTED.
	WALL MOUNTED SWITCH/OCCUPANCY SENSOR, PIR DENOTES "PASSIVE INFRARED", DT DENOTES "DUAL PASSIVE INFRARED/ULTRASONIC", LINE VOLTAGE TO SUIT CONTROLLED CIRCUIT, OR AS NOTED
RP	RELAY PANEL
PP	POWER PACK
SC	SCENE CONTROLLER.
	PHOTOCELL SENSOR.
	PHOTOCELL SENSOR, "PC" DENOTES CLOSED LOOP PHOTOCELL CONTROL, "PO" DENOTES OPEN LOOP PHOTOCELL CONTROL
	CEILING MOUNTED OCCUPANCY SENSOR, PIR DENOTES "PASSIVE INFRARED", UT DENOTES "ULTRASONIC" (OR MICROPHONIC), DT DENOTES "DUAL TECHNOLOGY", "OS" DENOTES UNKNOWN TECHNOLOGY.
	WALL MOUNTED OCCUPANCY SENSOR.
DISTRIBUTION EQUIPMENT	
	TRANSFORMER, PLAN VIEW
	SURFACE MOUNTED LIGHTING AND RECEPTACLE PANELBOARD
	RECESSED RECEPTACLE AND LIGHTING PANELBOARD
	DISTRIBUTION PANELBOARD
	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	CONTACTOR
	LOOSE STARTER, COORDINATE STARTING CHARACTERISTICS WITH EQUIPMENT REQUIREMENTS.
	COMBINATION STARTER.
VFD	ADJACENT TO STARTER, DENOTES VARIABLE FREQUENCY DRIVE
POWER RECEPTACLES AND BOXES	
	120V U-GROUND DUPLEX RECEPTACLE.
	120V U-GROUND DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP OR AS INSTRUCTED ON SITE.
	120V U-GROUND 20A DUPLEX RECEPTACLE.
	120V U-GROUND DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP OR AS INSTRUCTED ON SITE.
	120V U-GROUND DUPLEX RECEPTACLE - AUTOMATICALLY CONTROLLED (ASHRAE 90.1-2013, 8.4.2).
	120V U-GROUND 20A DUPLEX RECEPTACLE - AUTOMATICALLY CONTROLLED (ASHRAE 90.1-2013, 8.4.2).
	120V U-GROUND 20A DUPLEX RECEPTACLE - HALF OF RECEPTACLE AUTOMATICALLY CONTROLLED (ASHRAE 90.1-2013, 8.4.2).
	SPLIT RECEPTACLE, IF MANUALLY CONTROLLED, SHOWN CONNECTED TO SWITCH
	SPLIT RECEPTACLE MOUNTED ABOVE COUNTER TOP OR AS INSTRUCTED ON SITE.
	120V U-GROUND QUAD RECEPTACLE.
	INDICATES RECEPTACLE COMPLETE WITH ONE TYPE A AND ONE TYPE C USB CHARGING PORTS.
	14-30R RECEPTACLE FOR LAUNDRY DRYER, OR OTHER RECEPTACLE AS NOTED.
	14-50R RECEPTACLE FOR ELECTRIC RANGE, OR OTHER RECEPTACLE AS NOTED. PROVIDE 40A/2P BREAKER TO SUIT, MOUNT AT 150 mm AFF.
	SPECIAL RECEPTACLE, VERIFY OUTLET REQUIREMENTS PRIOR TO ROUGH-IN.
	SPECIAL RECEPTACLE, VERIFY OUTLET REQUIREMENTS PRIOR TO ROUGH-IN.
	FLOOR RECEPTACLE OR RECEPTACLE IN FLOOR BOX (POWER ONLY)
	SERVICE POLE, PROVIDE POWER TO JUNCTION BOX IN CEILING SPACE ABOVE, DEVICES ON BOX AS NOTED ON PLANS.
FB1	ADJACENT TO FLOOR RECEPTACLE, DENOTES FLOOR BOX TYPE
*	ADJACENT TO RECEPTACLE, DENOTES DEVICE CONNECTED TO EMERGENCY POWER
LIGHTING FIXTURES	
SYMBOLS IN ACCORDANCE WITH IES DG-3-00 AND IES HB-10-11 WHERE NOT DETAILED OTHERWISE HERE, REFER TO LIGHTING FIXTURE SCHEDULE FOR FURTHER DETAILS AND EXACT FIXTURE REQUIREMENTS.	
	LINEAR LUMINAIRE, SURFACE MOUNTED TO CEILING
	LINEAR LUMINAIRE, RECESSED IN CEILING
	LINEAR LUMINAIRE, SUSPENDED; PENDANT, CHAIN, STEM, OR AIRCRAFT CABLE HUNG TO SUIT APPLICATION, OR AS NOTED IN SCHEDULE. "X", WHEN USED DENOTES POWER FEED LOCATION.
	LINEAR LUMINAIRE, WALL MOUNTED
	AS ABOVE, CONNECTED TO EMERGENCY OR NIGHT LIGHTING CIRCUIT AS INDICATED.
	ROUND OR SQUARE DOWNLIGHT, RECESSED
	RECESSED DOWNLIGHTS, CONNECTED TO EMERGENCY OR NIGHT LIGHT CIRCUIT
	ROUND SUSPENDED LUMINAIRE
	WALL SCONCE OR OTHER WALL MOUNTED LUMINAIRES
EM	CONNECTED TO EMERGENCY NIGHT LIGHT CIRCUIT (24 HOUR)
CE	CONNECTED TO EMERGENCY CIRCUIT, PROVIDE CUL 924 LISTED SHUNT TRIP RELAY OR EQUAL TO PERMIT CONTROL OF LUMINAIRE WITH ZONING BASED ON LOCAL LIGHTING CONTROLS.
NL	LUMINAIRE CONNECTED TO NON-EMERGENCY NIGHT LIGHT CIRCUIT (24 HOUR)
A, B, Z1, Z2, ETC.	DENOTES ZONING/CIRCUITING ASSIGNMENTS FOR LUMINAIRES AND CONTROLS IN THE SAME SPACE.
EMERGENCY LIGHTING	
REFER TO EMERGENCY LIGHTING FIXTURE SCHEDULE FOR EXACT FIXTURE REQUIREMENTS.	
	CEILING OR WALL MOUNTED ILLUMINATED EXIT SIGN, SHADED AREA INDICATES ILLUMINATED FACE, PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLANS.
	CEILING OR WALL MOUNTED ILLUMINATED EXIT SIGN, SHADED AREA INDICATES ILLUMINATED FACE, PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLANS.
SL	DENOTES 'SELF-LUMINOUS' EXIT SIGN
PL	PHOTOLUMINOUS EXIT SIGN
	EMERGENCY LIGHTING BATTERY UNIT, WITH AND WITHOUT HEADS.
THIS LEGEND IS GENERIC. ALL SYMBOLS LISTED MAY NOT BE APPLICABLE FOR THIS PROJECT. REFER TO FLOOR PLANS TO DETERMINE USED DEVICES AND EQUIPMENT.	

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	ONE, TWO, AND THREE HEAD WALL MOUNTED EMERGENCY LIGHTING REMOTE UNITS.
	ONE, TWO, AND THREE HEAD CEILING MOUNTED EMERGENCY LIGHTING REMOTE UNITS.
	RECESSED EMERGENCY REMOTE HEAD.
EM	DENOTES "EMERGENCY"
CCT	CORRELATED COLOUR TEMPERATURE
CRI	COLOUR RENDERING INDEX
EXTERIOR LIGHTING	
	ARM MOUNTED LUMINAIRE ON POLE, DIRECTIONAL ARROW, WHERE INDICATED DENOTES PRIMARY LUMEN ORIENTATION.
	POST TOP LUMINAIRE ON POLE, DIRECTIONAL ARROW, WHERE INDICATED DENOTES PRIMARY LUMEN ORIENTATION.
	LIGHTING BOLLARD, DIRECTIONAL ARROW, WHERE INDICATED DENOTES PRIMARY LUMEN ORIENTATION.
	GROUND MOUNTED FLOOD LIGHT
TELECOMMUNICATIONS	
	SYSTEM FURNITURE FEED.
W	ADJACENT TO SYSTEM FURNITURE FEED, DENOTES WALL SYSTEM FURNITURE FEED FOR COMMUNICATIONS.
F	ADJACENT TO SYSTEM FURNITURE FEED, DENOTES FLOOR SYSTEM FURNITURE FEED FOR COMMUNICATIONS.
C	ADJACENT TO SYSTEM FURNITURE FEED, DENOTES CEILING SYSTEM FURNITURE FEED FOR COMMUNICATIONS (SERVICE POLE OR DROP CORD AS NOTED).
	CABLE TRAY (LADDER TYPE)
	CABLE TRAY (BASKET TYPE)
	WALL MOUNTED DATA (D) OR VOICE (V) OUTLET, PROVIDE 1V AND 1D UNLESS NOTED OTHERWISE.
	WALL MOUNTED VOICE (TELEPHONE) OUTLET, PROVIDE 1V UNLESS NOTED OTHERWISE.
	WALL MOUNTED DATA OUTLET, PROVIDE 1D UNLESS NOTED OTHERWISE.
	WALL MOUNTED TELEVISION OUTLET.
	VOICE, DATA, OR TV OUTLET AS DESCRIBED ABOVE, MOUNTED ABOVE COUNTER TOP OR AS INSTRUCTED ON SITE.
B	ADJACENT TO COMMUNICATIONS OUTLET, INDICATES BLANK-OFF PLATE.
	HDMI OUTLET.
	AUDIO VIDEO GANG, AS NOTED.
	CEILING MOUNTED WIRELESS ACCESS POINT (WIFI)
	AUDIO VISUAL SYSTEM SPEAKER, CEILING MOUNTED.
	AUDIO/VISUAL SYSTEM SPEAKER, WALL MOUNTED.
	PUBLIC ADDRESS SYSTEM SPEAKER, CEILING MOUNTED.
	PUBLIC ADDRESS SYSTEM SPEAKER, WALL MOUNTED.
	PUBLIC ADDRESS HORN SPEAKER WALL MOUNTED.
	PUBLIC ADDRESS SYSTEM HANDSET
	PUBLIC ADDRESS SYSTEM ADMIN CONTROL CONSOLE
	PUBLIC ADDRESS SPEAKER VOLUME CONTROL SWITCH.
	INTERCOM
	VIDEO INTERCOM SYSTEM DOOR CALL STATION
	VIDEO INTERCOM SYSTEM MASTER STATION
IOC	INSULATION DISPLACEMENT CONNECTION
	CLOCK.
	GPS CLOCK SYSTEM MASTER TRANSMITTER
	GPS CLOCK SYSTEM GPS RECEIVER
	GPS CLOCK SYSTEM SATELLITE TRANSMITTER (REPEATER)
	GPS CLOCK SYSTEM RECEIVER SWITCH
ACCESS CONTROL AND DOOR HARDWARE	
	CARD READER
	DOOR ALARM SOUNDER
	DOOR CONTACT
	OVERHEAD DOOR CONTACT
	ELECTRIC LATCH
	ELECTRIC STRIKE
	ELECTRIC POWER TRANSFER CABLE
	POWER TRANSFER HINGE
	KEY SWITCH
	ELECTROMAGNETIC LOCK
	MOTORIZED LATCH RETRACTION, PROVIDE 120 V.
	REQUEST TO EXIT SENSOR
	MUSHROOM HEAD PUSH BUTTON FOR 'REQUEST TO EXIT' MAGLOCK RELEASE, OR OTHER PUSH BUTTON AS INDICATED
	DOOR RELEASE ADJACENT TO THE ABOVE, PUSHBUTTON INTEGRATED WITH ELECTRIFIED DOOR HARDWARE DEVICE.
	BARRIER FREE DOOR OPERATOR PUSH BUTTON
	TOUCHLESS "WAVE SWITCH" FOR DOOR OPERATOR CONTROL
	DOOR BELL C/W SOUNDER AND STROBE
	DOOR BELL (SOUNDER ONLY)
INTRUSION DETECTION	
	GLASS BREAK (GB)
	MOTION DETECTOR (MD)
	KEYPAD (KP)
VIDEO SURVEILLANCE	
	CCTV CAMERA
	CCTV CAMERA, CEILING OR POLE MOUNTED
	CCTV CAMERA, WALL MOUNTED
	PAN-TILT-ZOOM
DURESS SYSTEM	
	DURESS BUTTON (MOUNTED ON UNDERSIDE OF TABLETOP)
	WALL MOUNTED DURESS BUTTON WITH POLYCARBONATE ANTI-TAMPER COVER
	DURESS SYSTEM STROBE LIGHT
FIRE DETECTION AND ALARM - GENERAL	
	CENTRAL ALARM AND CONTROL FACILITY
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM ALERT ANNUNCIATOR C/W GRAPHIC
	FIRE ALARM PASSIVE GRAPHIC
	DATA GATHERING PANEL
THIS LEGEND IS GENERAL. ALL SYMBOLS LISTED MAY NOT BE APPLICABLE FOR THIS PROJECT. REFER TO FLOOR PLANS TO DETERMINE USED.	

SHEET KEYNOTES

- LIGHTING FIXTURE SHOWN FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO ENSURE ALL NORMAL AND EMERGENCY LIGHTING REMOVED FOR ELECTRICAL AND MECHANICAL WORK TO TAKE PLACE IS FULLY FUNCTIONAL AND TESTED UPON REINSTALLATION.
- FIRE ALARM DEVICE SHOWN FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO ENSURE ANY FIRE ALARM REMOVED FOR ELECTRICAL AND MECHANICAL WORK TO TAKE PLACE SHALL BE RE-INSTALLED AND RE-VERIFIED TO BE IN PROPER WORKING CONDITION UPON COMPLETION OF RE-INSTALLATION.
- COORDINATE ALL CONDUIT AND FEEDER RUNS FOR SPEC CT AND CONTROL ROOM WITH SPEC CT MANUFACTURER, PRIOR TO ROUGH-IN AND CORING
- WORK OUTSIDE THE AREAS OF WORK IDENTIFIED IN THE ELECTRICAL PART PLAN

GENERAL SHEET NOTES

- IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR ON DRAWING THAT EQUIPMENT AND MATERIALS BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION. TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
- ALL OPENINGS IN BUILDING RISER, IF APPLICABLE, SHALL BE SEALED WITH APPROVED FIRE STOP MATERIAL. ANY FIREPROOFING MATERIAL REMOVED WILL BE REPLACED WITH A SUITABLE AND APPROVED FIREPROOFING MATERIAL AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS TO APPLICABLE BUILDING AND FIRE CODES.
- CONTRACTOR TO CONDUCT OWN SURVEY AND VERIFY EXISTING CONDITIONS.
- COORDINATE WITH THE CLIENT TO CONFIRM EQUIPMENT OR SYSTEMS/DEVICES TO REMAIN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REFINISHING OF DAMAGED BUILDING AREAS AND FINISHES AFFECTED BY THE WORK AS OUTLINED UNDER SCOPE OF WORK OF THIS PROJECT.
- ALL INSTALLATIONS WITHIN EXISTING AREAS SHALL BE COORDINATED WITH OWNER AND BASE BUILDING MANAGEMENT. INSTALLATION MUST BE PERFORMED IN A MANNER TO ELIMINATE ANY INTERFERENCES TO STAFF AND NORMAL OPERATION OF THE FACILITY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND DISTRIBUTION OF TEMPORARY POWER AND LIGHTING WITHIN THE PREMISES DURING THE CONSTRUCTION PERIOD. EXPOSED ELECTRICAL CORDS OUTSIDE THE AREA OF WORK SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL THE WORK WITH ALL OTHER TRADES, CONSULTANTS, AND THE OWNER. ALL WORK SHALL BE SCHEDULED AND CARRIED OUT BY THE CONTRACTOR IN A MANNER TO ENSURE CONTINUED AND NON-INTERRUPTED OPERATION OF EXISTING FACILITY.
- CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULLBOXES, DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER SCOPE OF WORK OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER OWNER'S REQUIREMENTS AND ALL MARKINGS SHALL BE OF NON-ERASABLE LAMACOID TYPE. COORDINATE ALL LABELING WITH THE OWNER AND CONSULTANT.
- CONTRACTOR TO ENSURE ANY DAMAGE TO EXISTING ELECTRICAL CONDUIT AND CONNECTION TO BE REPLACED OR FIXED PRIOR TO RE-INSTALLATION.
- CONTRACTOR TO NOTIFY OWNER OF ANY EXISTING DAMAGES PRIOR TO COMMENCING OF WORK. ALL EXISTING EQUIPMENT AND FIXTURES INSIDE THE PATIENT ROOM AND WASHROOM TO BE THOROUGHLY INSPECTED. ANY COMPROMISE TO THE INTEGRITY SHOULD BE MADE KNOWN TO THE OWNER.
- WHERE POSSIBLE, OUTLINE ALL EXISTING AND NEW FIXTURES WITHIN THE PATIENT ROOM WITH ANTI PICK CAULKING.
- CONTRACTOR TO TRACK AND CONFIRM LOCATION OF FEEDER AND BREAKER TO SOURCE PRIOR TO DISCONNECTION, AND ENSURE BREAKER IS SECURELY TURNED OFF AND LOCKED.
- WHEREVER POSSIBLE, REUSE EXISTING CIRCUITS MADE AVAILABLE DURING DEMOLITION PHASE. WHERE NEEDED PROVIDE AND INSTALL NEW COMPATIBLE BREAKERS AND WIRING. CONTRACTOR TO VERIFY AVAILABLE CIRCUITS ON SITE, AS PANEL BOARD SCHEDULES MAY NOT BE UP TO DATE
- CONTRACTOR TO ENSURE THAT ALL RECEPTACLES WITHIN SCOPE OF WORK IS HOSPITAL GRADE OUTLETS. REPLACE EXISTING IF NECESSARY.
- ASBESTOS CONTAINING FIREPROOFING IS PRESENT IN THE CEILING SPACE. TYPE 2 AND TYPE 3 ASBESTOS PROCEDURES ARE TO BE FOLLOWED WHEN WORKING IN THE CEILING SPACE AND IMPACTING PLUMBING. REFER TO HAZMAT REPORT IN DIVISION 2 SPECIFICATION SECTION, AS REQUIRED.
- ALL EXISTING SERVICES SHOWN ARE APPROXIMATE AND BASED ON SITE SURVEY AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL ELECTRICAL, LIGHTING AND FIRE ALARM DEVICES AND FIXTURE LOCATIONS ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT.
- ALL PREPARATORY WORK SHALL BE PERFORMED DURING NORMAL BUSINESS HOURS WHICH ARE MONDAY TO FRIDAY 7:00AM TO 3:00PM. CONTRACTOR TO COORDINATE FINAL SCHEDULE WITH THE HOSPITAL. MINIMIZE AND COORDINATE ALL RELATED SHUTDOWNS AS PART OF ANY MODIFICATION TO EXISTING SYSTEM. ANY SHUTDOWNS TO BE DONE AFTER HOURS, MONDAY TO FRIDAY 10:00PM TO 5:00AM. WORK OUTSIDE OF AREA OF WORK IDENTIFIED IN THE ELECTRICAL KEY OR PARTS PLAN WILL BE OCCUPIED FOR THE ENTIRE DURATION OF THE PROJECT. CEILING INVESTIGATIONS ARE TO BE COMPLETED AFTER HOURS BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH SICKKIDS FACILITY PROCEDURES. CONSTRUCTION WORK OUTSIDE THE AREA OF WORK TO BE COORDINATED AND COMPLETED AFTER HOUR OR SUCH THAT SICKKIDS OPERATIONS CAN CONTINUE NORMALLY THROUGH SPACES WITHOUT SHUTTING DOWN ANY SPACE. REFER TO DIVISION 1 SPECIFICATIONS FOR AFTER HOURS WORK PERIODS AND SPECIFICATION FOR HAZMAT REPORT.

SHEET KEYNOTES

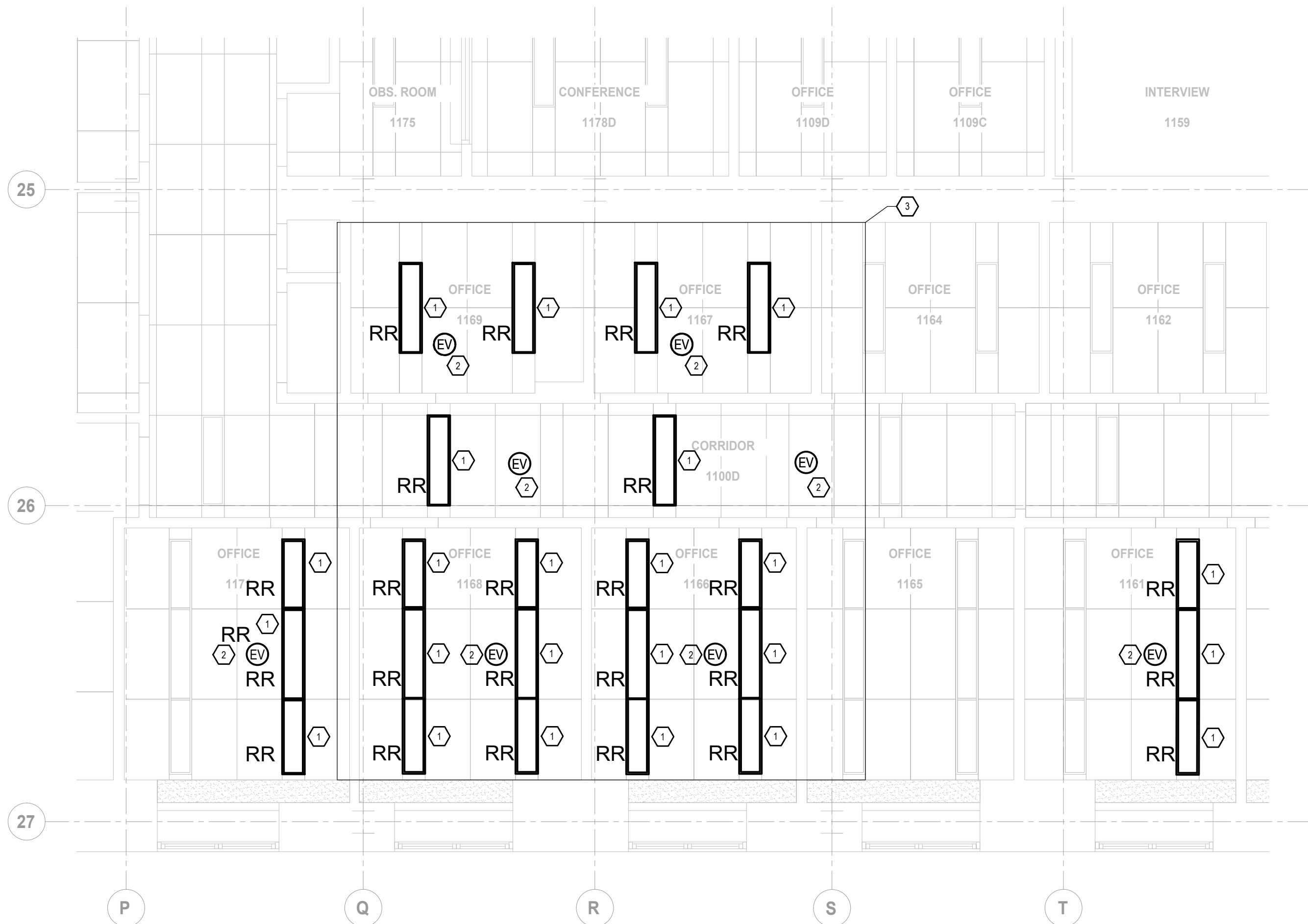
- LIGHTING FIXTURE SHOWN FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO ENSURE ALL NORMAL AND EMERGENCY LIGHTING IS FULLY FUNCTIONAL AND TESTED UPON REINSTALLATION.
- FIRE ALARM DEVICE SHOWN FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO ENSURE ANY FIRE ALARM REMOVED FOR MECHANICAL WORK TO TAKE PLACE SHALL BE RE-INSTALLED AND RE-VERIFIED TO BE IN PROPER WORKING CONDITION UPON COMPLETION OF RE-INSTALLATION.

DEMOLITION SHEET NOTES

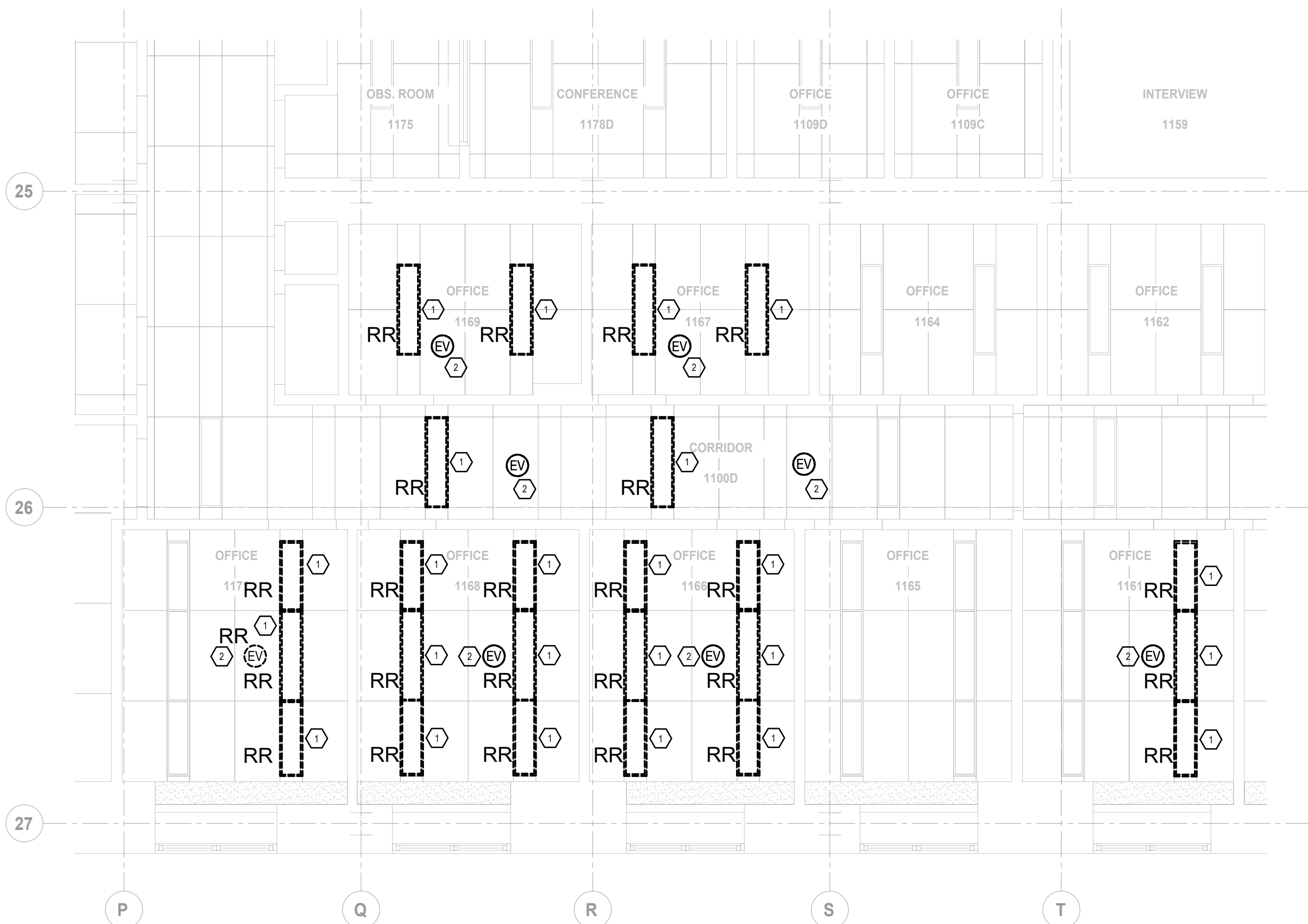
- COORDINATE ALL DEMOLITION WORK WITH GENERAL CONTRACTOR. REFER TO CONSTRUCTION PHASING SCHEDULE.
- VISIT THE SITE DURING THE TENDERING PERIOD TO DETERMINE THE EXACT SCOPE OF DEMOLITION WORK AND TO BECOME THOROUGHLY FAMILIAR WITH ALL CONDITIONS TO MEET IN CARRYING OUT SAME. REQUEST FOR EXTRAS WILL NOT BE CONSIDERED FOR FAILURE TO PROPERLY EVALUATE CONDITIONS WHICH AFFECT THE SCOPE OF DEMOLITION WORK.
- IN SOME CASES, GENERAL LOCATIONS AND TYPES OF SOME ELECTRICAL EQUIPMENT ARE INDICATED IN ORDER TO ASSIST IN EVALUATING SCOPE OF DEMOLITION WORK.
- REFER TO ARCHITECTURAL DRAWINGS ROOM FINISH SCHEDULES FOR ADDITIONAL DEMOLITION NOTES.
- ELECTRICAL CONTRACTOR TO PRICE UP TO 5% FOR ADDITIONAL DEVICES THAT MAY NOT BE CAPTURED IN PARTS PLAN DUE TO EXISTING SITE CONDITIONS.

GENERAL SHEET NOTES

- IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR ON DRAWING THAT EQUIPMENT AND MATERIALS BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION. TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
- ALL OPENINGS IN BUILDING RISER, IF APPLICABLE, SHALL BE SEALED WITH APPROVED FIRE STOP MATERIAL. ANY FIREPROOFING MATERIAL REMOVED WILL BE REPLACED WITH A SUITABLE AND APPROVED FIREPROOFING MATERIAL AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS TO APPLICABLE BUILDING AND FIRE CODES.
- CONTRACTOR TO CONDUCT OWN SURVEY AND VERIFY EXISTING CONDITIONS.
- COORDINATE WITH THE CLIENT TO CONFIRM EQUIPMENT OR SYSTEMS/DEVICES TO REMAIN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REFINISHING OF DAMAGED BUILDING AREAS AND FINISHES AFFECTED BY THE WORK AS OUTLINED UNDER SCOPE OF WORK OF THIS PROJECT.
- ALL INSTALLATIONS WITHIN EXISTING AREAS SHALL BE COORDINATED WITH OWNER AND BASE BUILDING MANAGEMENT. INSTALLATION MUST BE PERFORMED IN A MANNER TO ELIMINATE ANY INTERFERENCES TO STAFF AND NORMAL OPERATION OF THE FACILITY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND DISTRIBUTION OF TEMPORARY POWER AND LIGHTING WITHIN THE PREMISES DURING THE CONSTRUCTION PERIOD. EXPOSED ELECTRICAL CORDS OUTSIDE THE AREA OF WORK SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL THE WORK WITH ALL OTHER TRADES, CONSULTANTS, AND THE OWNER. ALL WORK SHALL BE SCHEDULED AND CARRIED OUT BY THE CONTRACTOR IN A MANNER TO ENSURE CONTINUED AND NON-INTERRUPTED OPERATION OF EXISTING FACILITY.
- CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULL BOXES, DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER SCOPE OF WORK OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER OWNER'S REQUIREMENTS AND ALL MARKINGS SHALL BE OF NON-ERASABLE LAMACOID TYPE. COORDINATE ALL LABELING WITH THE OWNER AND CONSULTANT.
- CONTRACTOR TO ENSURE ANY DAMAGE TO EXISTING ELECTRICAL CONDUIT AND CONNECTION TO BE REPLACED OR FIXED PRIOR TO RE-INSTALLATION.
- CONTRACTOR TO NOTIFY OWNER OF ANY EXISTING DAMAGES PRIOR TO COMMENCING OF WORK. ALL EXISTING EQUIPMENT AND FIXTURES INSIDE THE PATIENT ROOM AND WASHROOM TO BE THOROUGHLY INSPECTED. ANY COMPROMISE TO THE INTEGRITY SHOULD BE MADE KNOWN TO THE OWNER.
- WHERE POSSIBLE, OUTLINE ALL EXISTING AND NEW FIXTURES WITHIN THE PATIENT ROOM WITH ANTI PICK CAULKING.
- CONTRACTOR TO TRACK AND CONFIRM LOCATION OF FEEDER AND BREAKER TO SOURCE PRIOR TO DISCONNECTION, AND ENSURE BREAKER IS SECURELY TURNED OFF AND LOCKED.
- WHEREVER POSSIBLE, REUSE EXISTING CIRCUITS MADE AVAILABLE DURING DEMOLITION PHASE. WHERE NEEDED PROVIDE AND INSTALL NEW COMPATIBLE BREAKERS AND WIRING. CONTRACTOR TO VERIFY AVAILABLE CIRCUITS ON SITE, AS PANEL BOARD SCHEDULES MAY NOT BE UP TO DATE
- CONTRACTOR TO ENSURE THAT ALL RECEPTACLES WITHIN SCOPE OF WORK IS HOSPITAL GRADE OUTLETS. REPLACE EXISTING IF NECESSARY.
- ASBESTOS CONTAINING FIREPROOFING IS PRESENT IN THE CEILING SPACE. TYPE 2 AND TYPE 3 ASBESTOS PROCEDURES ARE TO BE FOLLOWED WHEN WORKING IN THE CEILING SPACE AND IMPACTING PLUMBING. REFER TO HAZMAT REPORT IN DIVISION 2 SPECIFICATION SECTION, AS REQUIRED.
- ALL EXISTING SERVICES SHOWN ARE APPROXIMATE AND BASED ON SITE SURVEY AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL ELECTRICAL, LIGHTING AND FIRE ALARM DEVICES AND FIXTURE LOCATIONS ON SITE AND REPORT ANY DISCREPANCY TO THE CONSULTANT.
- ALL PREPARATORY WORK SHALL BE PERFORMED DURING NORMAL BUSINESS HOURS WHICH ARE MONDAY TO FRIDAY 7:00AM TO 3:00PM. CONTRACTOR TO COORDINATE FINAL SCHEDULE WITH THE HOSPITAL. MINIMIZE AND COORDINATE ALL RELATED SHUTDOWNS AS PART OF ANY MODIFICATION TO EXISTING SYSTEM. ANY SHUTDOWNS TO BE DONE AFTER HOURS, MONDAY TO FRIDAY 10:00PM TO 5:00AM. WORK OUTSIDE OF AREA OF WORK IDENTIFIED IN THE ELECTRICAL KEY OR PARTS PLAN WILL BE OCCUPIED FOR THE ENTIRE DURATION OF THE PROJECT. CEILING INVESTIGATIONS ARE TO BE COMPLETED AFTER HOURS BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH SICKKIDS FACILITY PROCEDURES. CONSTRUCTION WORK OUTSIDE THE AREA OF WORK TO BE COORDINATED AND COMPLETED AFTER HOUR OR SUCH THAT SICKKIDS OPERATIONS CAN CONTINUE NORMALLY THROUGH SPACES WITHOUT SHUTTING DOWN ANY SPACE. REFER TO DIVISION 1 SPECIFICATIONS FOR AFTER HOURS WORK PERIODS AND SPECIFICATION FOR HAZMAT REPORT.



1 LEVEL 1 PART PLAN - ELECTRICAL & LIGHTING - NEW
SCALE: 1:100

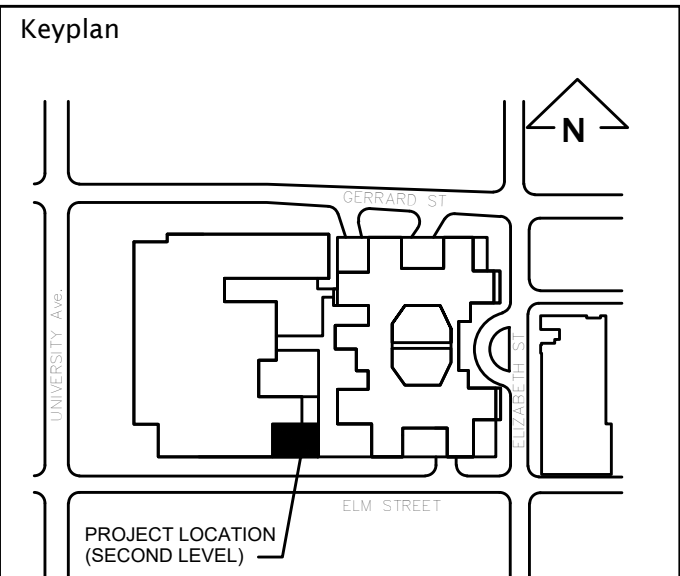


1 LEVEL 1 PART PLAN - ELECTRICAL & LIGHTING - DEMO
SCALE: 1:100

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.



North Arrow	Detail Symbol
	Detail No. Sheet No.

Seal	
------	--



Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE

Client
SickKids
555 University Ave., Toronto, ON M5G 1X8

Project
SICKKIDS - SPEC CT ROOM
555 UNIVERSITY AVENUE, MAIN FLOOR,
TORONTO, ON M5G1X8

Drawing Title
1ST FLOOR ENLARGED
PARTS PLAN

Check Scale (may be photo reduced)
0 1 inch 0 10mm

Project No.

Drawing No. EA 01 EW 01

GENERAL NOTES	
1.	ELECTRICAL CONTRACTOR TO PRICE UP TO 5% FOR ADDITIONAL DEVICES THAT MAY NOT BE CAPTURED IN PLAN DUE TO EXISTING SITE CONDITIONS.
2.	ANY ELECTRICAL ITEM, FIRE ALARM OR LIGHTING DISCONNECTED AND RECONNECTED SHALL BE IN RE-INSTALLED AND VERIFIED TO BE IN PROPER WORKING CONDITION.

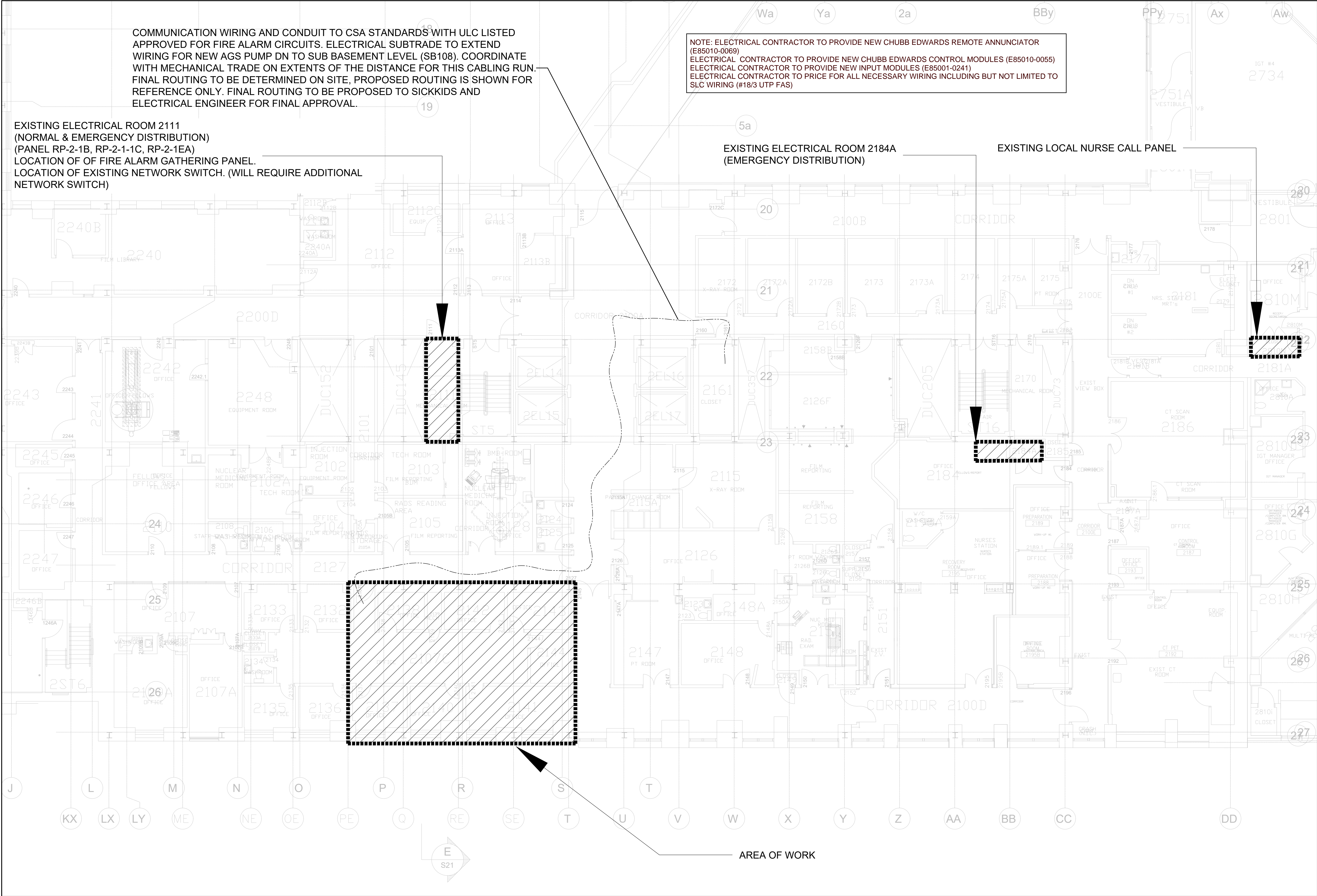
COMMUNICATION WIRING AND CONDUIT TO CSA STANDARDS WITH ULC LISTED APPROVED FOR FIRE ALARM CIRCUITS. ELECTRICAL SUBTRADE TO EXTEND WIRING FOR NEW AGS PUMP DN TO SUB BASEMENT LEVEL (SB108). COORDINATE WITH MECHANICAL TRADE ON EXTENTS OF THE DISTANCE FOR THIS CABLING RUN. FINAL ROUTING TO BE DETERMINED ON SITE, PROPOSED ROUTING IS SHOWN FOR REFERENCE ONLY. FINAL ROUTING TO BE PROPOSED TO SICKKIDS AND ELECTRICAL ENGINEER FOR FINAL APPROVAL.

NOTE: ELECTRICAL CONTRACTOR TO PROVIDE NEW CHUBB EDWARDS REMOTE ANNUNCIATOR (E85010-0069)
ELECTRICAL CONTRACTOR TO PROVIDE NEW CHUBB EDWARDS CONTROL MODULES (E85010-0055)
ELECTRICAL CONTRACTOR TO PROVIDE NEW INPUT MODULES (E85001-0241)
ELECTRICAL CONTRACTOR TO PRICE FOR ALL NECESSARY WIRING INCLUDING BUT NOT LIMITED TO SLC WIRING (#18/3 UTP FAS)

EXISTING ELECTRICAL ROOM 2111
(NORMAL & EMERGENCY DISTRIBUTION)
(PANEL RP-2-1B, RP-2-1-1C, RP-2-1EA)
LOCATION OF OF FIRE ALARM GATHERING PANEL.
LOCATION OF EXISTING NETWORK SWITCH. (WILL REQUIRE ADDITIONAL NETWORK SWITCH)

EXISTING ELECTRICAL ROOM 2184A
(EMERGENCY DISTRIBUTION)

EXISTING LOCAL NURSE CALL PANEL

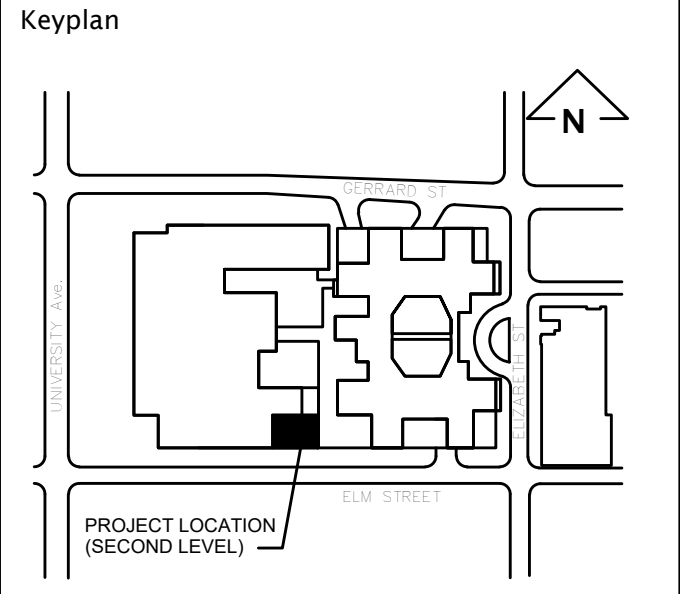


1 2ND FLOOR KEYPLAN
SCALE: 1:100

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.



North Arrow	Detail Symbol
	Detail No. Sheet No.

Seal	
------	--



Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE

Client
SickKids
555 University Ave., Toronto, ON M5G 1X8

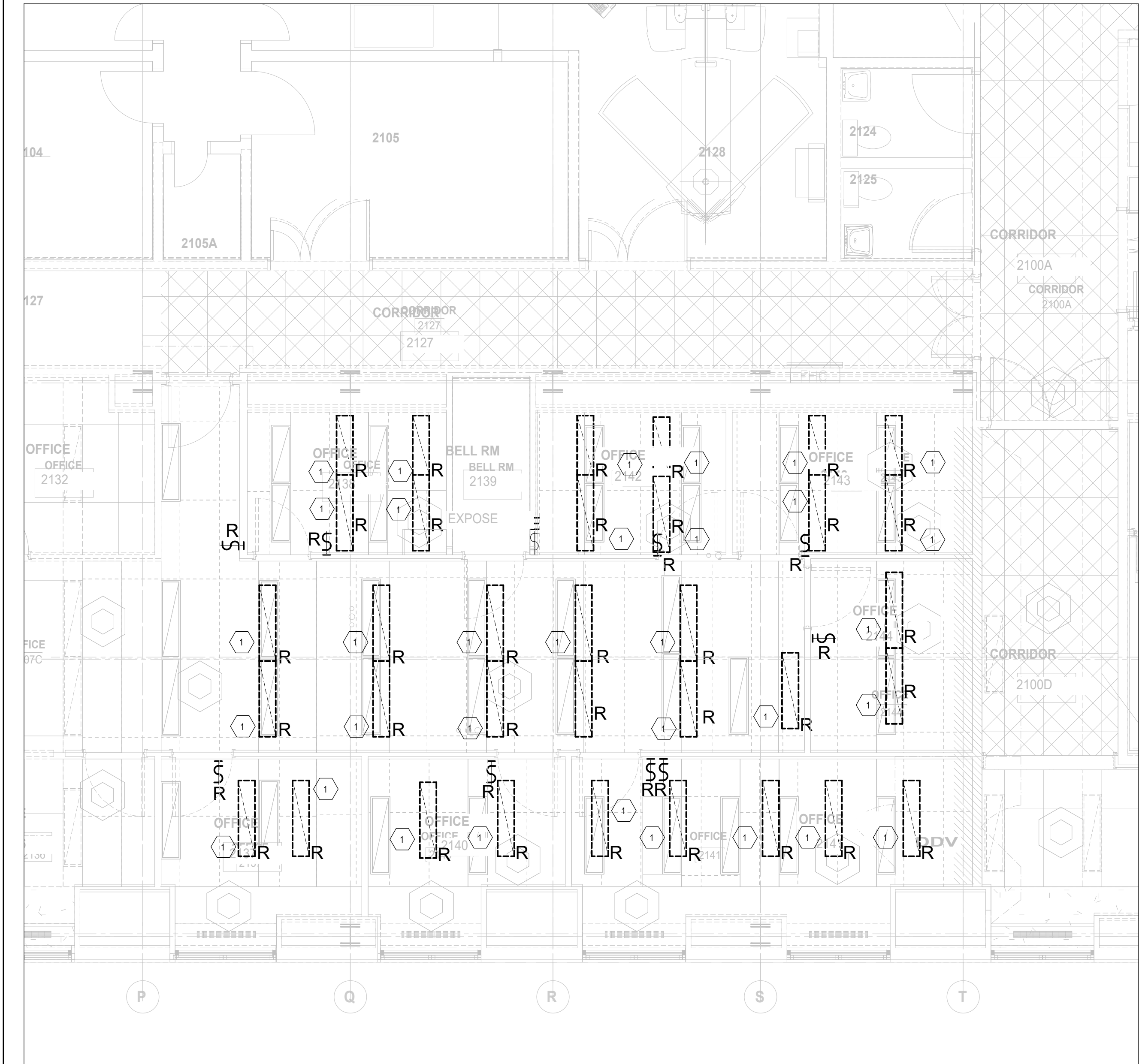
Project
SICKKIDS - SPEC CT ROOM
555 UNIVERSITY AVENUE, MAIN FLOOR,
TORONTO, ON M5G1X8

Drawing Title
2ND FLOOR ENLARGED KEY
PLAN

Check Scale (may be photo reduced)
0 1 inch 0 10mm

Project No.

Drawing No. EA 02 EW 02



1 LEVEL 2 PART PLAN - LIGHTING DEMO WORK
SCALE: 1:200

DEMOLITION SHEET NOTES	
1.	EXISTING LIGHTS LABELED 'R' ARE TO BE DEMOLISHED.
2.	COORDINATE ALL DEMOLITION WORK WITH GENERAL CONTRACTOR. REFER TO CONSTRUCTION PHASING SCHEDULE.
3.	VISIT THE SITE DURING THE TENDERING PERIOD TO DETERMINE THE EXACT SCOPE OF DEMOLITION WORK AND TO BECOME THOROUGHLY FAMILIAR WITH ALL CONDITIONS TO MEET IN CARRYING OUT SAME. REQUEST FOR EXTRAS WILL NOT BE CONSIDERED FOR FAILURE TO PROPERLY EVALUATE CONDITIONS WHICH AFFECT THE SCOPE OF DEMOLITION WORK.
4.	IN SOME CASES, GENERAL LOCATIONS AND TYPES OF SOME ELECTRICAL EQUIPMENT ARE INDICATED IN ORDER TO ASSIST IN EVALUATING SCOPE OF DEMOLITION WORK.
5.	REFER TO ARCHITECTURAL DRAWINGS ROOM FINISH SCHEDULES FOR ADDITIONAL DEMOLITION NOTES.
6.	ELECTRICAL CONTRACTOR TO PRICE FOR UP TO 5% FOR ADDITIONAL DEVICES THAT MAY NOT BE CAPTURED IN PLAN DUE TO EXISTING SITE CONDITIONS.

GENERAL SHEET NOTES	
1.	IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR ON DRAWING THAT EQUIPMENT AND MATERIALS BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION. TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
2.	ALL OPENINGS IN BUILDING RISER, IF APPLICABLE, SHALL BE SEALED WITH APPROVED FIRE STOP MATERIAL. ANY FIREPROOFING MATERIAL REMOVED WILL BE REPLACED WITH A SUITABLE AND APPROVED FIREPROOFING MATERIAL AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS TO APPLICABLE BUILDING AND FIRE CODES.
3.	CONTRACTOR TO CONDUCT OWN SURVEY AND VERIFY EXISTING CONDITIONS.
4.	COORDINATE WITH THE CLIENT TO CONFIRM EQUIPMENT OR SYSTEMS/DEVICES TO REMAIN.
5.	CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REFINISHING OF DAMAGED BUILDING AREAS AND FINISHES AFFECTED BY THE WORK AS OUTLINED UNDER SCOPE OF WORK OF THIS PROJECT.
6.	ALL INSTALLATIONS WITHIN EXISTING AREAS SHALL BE COORDINATED WITH OWNER AND BASE BUILDING MANAGEMENT. INSTALLATION MUST BE PERFORMED IN A MANNER TO ELIMINATE ANY INTERFERENCES TO STAFF AND NORMAL OPERATION OF THE FACILITY.
7.	THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND DISTRIBUTION OF TEMPORARY POWER AND LIGHTING WITHIN THE PREMISES DURING THE CONSTRUCTION PERIOD. EXPOSED ELECTRICAL CORDS OUTSIDE THE AREA OF WORK SHALL NOT BE PERMITTED.
8.	CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL THE WORK WITH ALL OTHER TRADES, CONSULTANTS, AND THE OWNER. ALL WORK SHALL BE SCHEDULED AND CARRIED OUT BY THE CONTRACTOR IN A MANNER TO ENSURE CONTINUED AND NON-INTERRUPTED OPERATION OF EXISTING FACILITY.
9.	CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULLBOXES, DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER SCOPE OF WORK OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER OWNER'S REQUIREMENTS AND ALL MARKINGS SHALL BE OF NON-ERASEABLE LAMACOID TYPE. COORDINATE ALL LABELING WITH THE OWNER AND CONSULTANT.
10.	CONTRACTOR TO ENSURE ANY DAMAGE TO EXISTING ELECTRICAL CONDUIT AND CONNECTION TO BE REPLACED OR FIXED PRIOR TO RE-INSTALLATION.
11.	CONTRACTOR TO NOTIFY OWNER OF ANY EXISTING DAMAGES PRIOR TO COMMENCING OF WORK.
12.	CONTRACTOR TO TRACK AND CONFIRM LOCATION OF FEEDER AND BREAKER TO SOURCE PRIOR TO DISCONNECTION, AND ENSURE BREAKER IS SECURELY TURNED OFF AND LOCKED.
13.	WHEREVER POSSIBLE, REUSE EXISTING CIRCUITS MADE AVAILABLE DURING DEMOLITION PHASE. WHERE NEEDED PROVIDE AND INSTALL NEW COMPATIBLE BREAKERS AND WIRING. CONTRACTOR TO VERIFY AVAILABLE CIRCUITS ON SITE, AS PANEL BOARD SCHEDULES MAY NOT BE UP TO DATE.

SHEET KEYNOTES	
1.	DISCONNECT EXISTING LIGHTING TO SOURCE PROVIDE NEW BREAKERS AND WIRING TO SUITE NEW LIGHTING LAYOUT ON DRAWING EL 02 EW 01

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

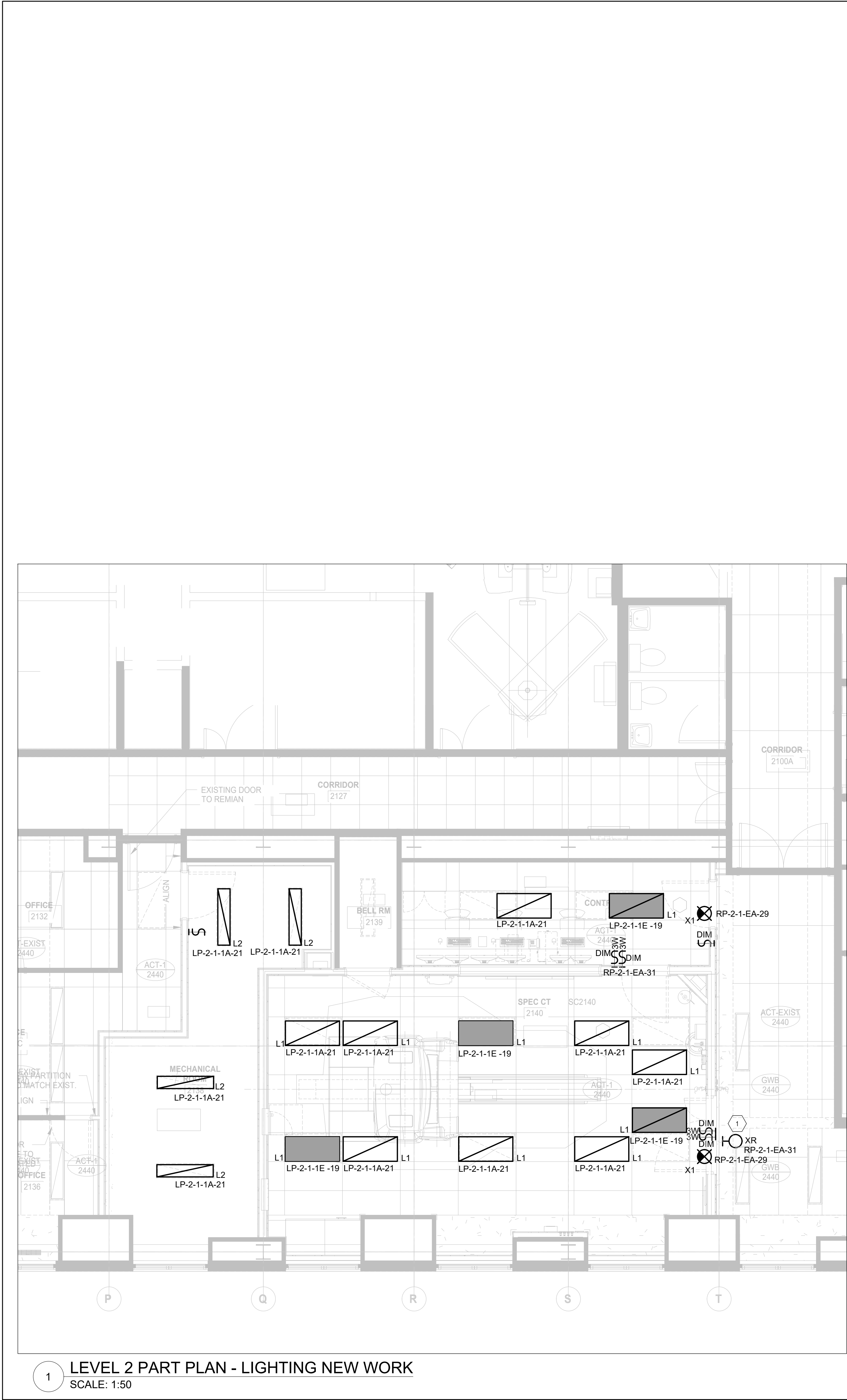
Keyplan

North Arrow

Detail Symbol

Seal

Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE
Client 555 University Ave., Toronto, ON M5G 1X8	
Project SICKKIDS - SPEC CT ROOM 555 UNIVERSITY AVENUE, MAIN FLOOR, TORONTO, ON M5G1X8	
Drawing Title LIGHTING DEMO WORK	
Check Scale (may be photo reduced) 	
Project No.	
Drawing No. EX 02 EW 01	



GENERAL SHEET NOTES

- IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR ON DRAWING THAT EQUIPMENT AND MATERIALS BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART IN NEW LOCATIONS. ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION. TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
- ALL OPENINGS IN BUILDING RISER, IF APPLICABLE, SHALL BE SEALED WITH APPROVED FIRE STOP MATERIAL. ANY FIREPROOFING MATERIAL REMOVED WILL BE REPLACED WITH A SUITABLE AND APPROVED FIREPROOFING MATERIAL AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS TO APPLICABLE BUILDING AND FIRE CODES.
- CONTRACTOR TO CONDUCT OWN SURVEY AND VERIFY EXISTING CONDITIONS.
- COORDINATE WITH THE CLIENT TO CONFIRM EQUIPMENT OR SYSTEMS/DEVICES TO REMAIN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REFINISHING OF DAMAGED BUILDING AREAS AND FINISHES AFFECTED BY THE WORK AS OUTLINED UNDER SCOPE OF WORK OF THIS PROJECT.
- ALL INSTALLATIONS WITHIN EXISTING AREAS SHALL BE COORDINATED WITH OWNER AND BASE BUILDING MANAGEMENT. INSTALLATION MUST BE PERFORMED IN A MANNER TO ELIMINATE ANY INTERFERENCES TO STAFF AND NORMAL OPERATION OF THE FACILITY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND DISTRIBUTION OF TEMPORARY POWER AND LIGHTING WITHIN THE PREMISES DURING THE CONSTRUCTION PERIOD. EXPOSED ELECTRICAL CORDS OUTSIDE THE AREA OF WORK SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL THE WORK WITH ALL OTHER TRADES, CONSULTANTS, AND THE OWNER. ALL WORK SHALL BE SCHEDULED AND CARRIED OUT BY THE CONTRACTOR IN A MANNER TO ENSURE CONTINUED AND NON-INTERRUPTED OPERATION OF EXISTING FACILITY.
- CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULLBOXES, DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER SCOPE OF WORK OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER OWNER'S REQUIREMENTS AND ALL MARKINGS SHALL BE OF NON-ERASEABLE LAMACOID TYPE. COORDINATE ALL LABELING WITH THE OWNER AND CONSULTANT.
- CONTRACTOR TO ENSURE ANY DAMAGE TO EXISTING ELECTRICAL CONDUIT AND CONNECTION TO BE REPLACED OR FIXED PRIOR TO RE-INSTALLATION.
- CONTRACTOR TO NOTIFY OWNER OF ANY EXISTING DAMAGES PRIOR TO COMMENCING OF WORK.
- CONTRACTOR TO TRACK AND CONFIRM LOCATION OF FEEDER AND BREAKER TO SOURCE PRIOR TO DISCONNECTION, AND ENSURE BREAKER IS SECURELY TURNED OFF AND LOCKED.
- WHEREVER POSSIBLE, REUSE EXISTING CIRCUITS MADE AVAILABLE DURING DEMOLITION PHASE. WHERE NEEDED PROVIDE AND INSTALL NEW COMPATIBLE BREAKERS AND WIRING. CONTRACTOR TO VERIFY AVAILABLE CIRCUITS ON SITE, AS PANEL BOARD SCHEDULES MAY NOT BE UP TO DATE

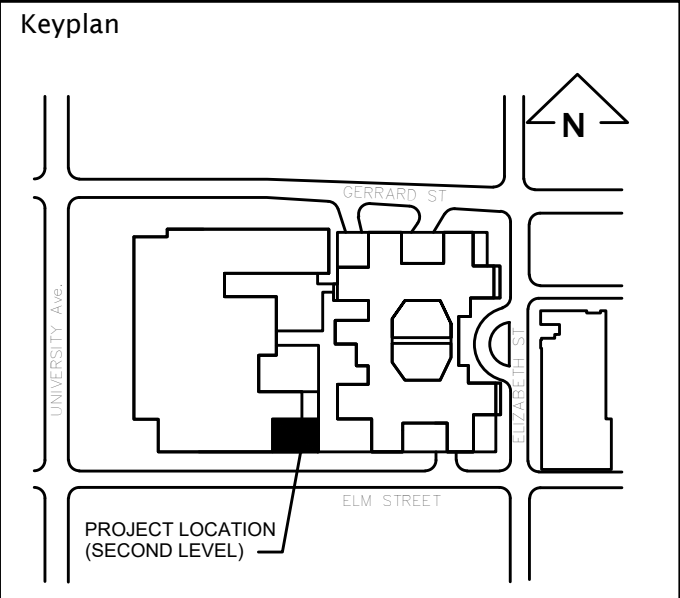
SHEET KEYNOTES

- X-RAY LIGHT ON, TO BE INTERCONNECTED WITH THE SPEC CT AND DOUBLE DOOR INTERLOCK

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

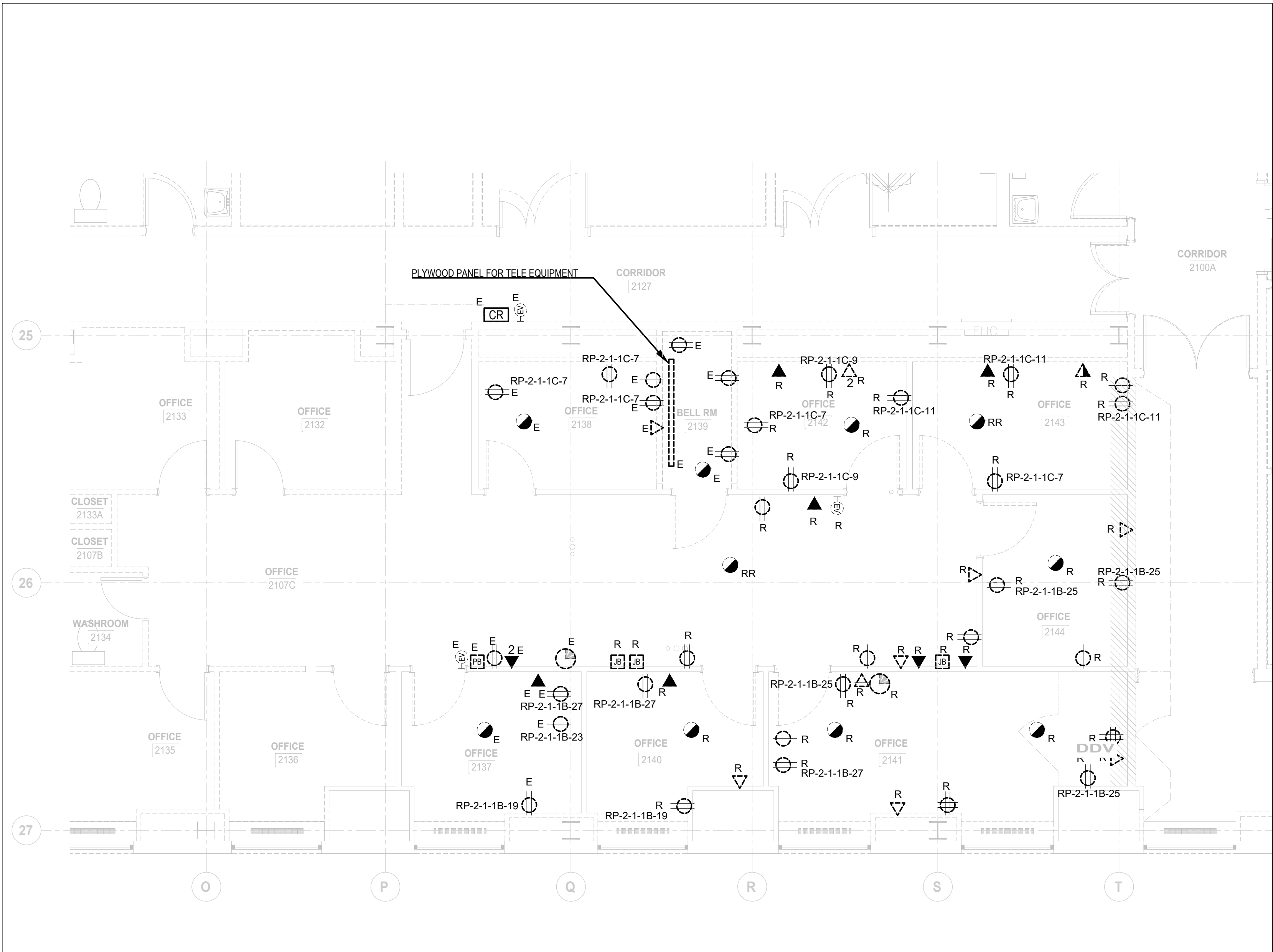


North Arrow	Detail Symbol
	Detail No. Sheet No.

Seal	
------	--



Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE
Client SickKids 555 University Ave., Toronto, ON M5G 1X8	
Project SICKKIDS - SPEC CT ROOM 555 UNIVERSITY AVENUE, MAIN FLOOR, TORONTO, ON M5G1X8	
Drawing Title LIGHTING - NEW WORKING	
Check Scale (may be photo reduced) 0 1 inch 0 10mm	
Project No.	
Drawing No. EL 02 EW 01	



1 LEVEL 2 PART PLAN - POWER DEMO WORK
SCALE: 1:50

GENERAL SHEET NOTES

1. IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR ON DRAWING THAT EQUIPMENT AND MATERIALS BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION. TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
2. ALL OPENINGS IN BUILDING RISER, IF APPLICABLE, SHALL BE SEALED WITH APPROVED FIRE STOP MATERIAL. ANY FIREPROOFING MATERIAL REMOVED WILL BE REPLACED WITH A SUITABLE AND APPROVED FIREPROOFING MATERIAL AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS TO APPLICABLE BUILDING AND FIRE CODES.
3. CONTRACTOR TO CONDUCT OWN SURVEY AND VERIFY EXISTING CONDITIONS.
4. COORDINATE WITH THE CLIENT TO CONFIRM EQUIPMENT OR SYSTEMS/DEVICES TO REMAIN.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REFINISHING OF DAMAGED BUILDING AREAS AND FINISHES AFFECTED BY THE WORK AS OUTLINED UNDER SCOPE OF WORK OF THIS PROJECT.
6. ALL INSTALLATIONS WITHIN EXISTING AREAS SHALL BE COORDINATED WITH OWNER AND BASE BUILDING MANAGEMENT. INSTALLATION MUST BE PERFORMED IN A MANNER TO ELIMINATE ANY INTERFERENCES TO STAFF AND NORMAL OPERATION OF THE FACILITY.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND DISTRIBUTION OF TEMPORARY POWER AND LIGHTING WITHIN THE PREMISES DURING THE CONSTRUCTION PERIOD. EXPOSED ELECTRICAL CORDS OUTSIDE THE AREA OF WORK SHALL NOT BE PERMITTED.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL THE WORK WITH ALL OTHER TRADES, CONSULTANTS, AND THE OWNER. ALL WORK SHALL BE SCHEDULED AND CARRIED OUT BY THE CONTRACTOR IN A MANNER TO ENSURE CONTINUED AND NON-INTERRUPTED OPERATION OF EXISTING FACILITY.
9. CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULLBOXES, DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER SCOPE OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER OWNER'S REQUIREMENTS AND ALL MARKINGS SHALL BE OF NON-ERASABLE LAMACOID TYPE. COORDINATE ALL LABELING WITH THE OWNER AND CONSULTANT.
10. CONTRACTOR TO ENSURE ANY DAMAGE TO EXISTING ELECTRICAL CONDUIT AND CONNECTION TO BE REPLACED OR FIXED PRIOR TO RE-INSTALLATION.
11. CONTRACTOR TO NOTIFY OWNER OF ANY EXISTING DAMAGES PRIOR TO COMMENCING OF WORK. ALL EXISTING EQUIPMENT AND FIXTURES INSIDE THE PATIENT ROOM AND WASHROOM TO BE THOROUGHLY INSPECTED, ANY COMPROMISE TO THE INTEGRITY SHOULD BE MADE KNOWN TO THE OWNER.
12. WHERE POSSIBLE, OUTLINE ALL EXISTING AND NEW FIXTURES WITHIN THE PATIENT ROOM WITH ANTI PICK CAULKING.
13. CONTRACTOR TO TRACK AND CONFIRM LOCATION OF FEEDER AND BREAKER TO SOURCE PRIOR TO DISCONNECTION, AND ENSURE BREAKER IS SECURELY TURNED OFF AND LOCKED.
14. WHEREVER POSSIBLE, REUSE EXISTING CIRCUITS MADE AVAILABLE DURING DEMOLITION PHASE. WHERE NEEDED PROVIDE AND INSTALL NEW COMPATIBLE BREAKERS AND WIRING. CONTRACTOR TO VERIFY AVAILABLE CIRCUITS ON SITE, AS PANEL BOARD SCHEDULES MAY NOT BE UP TO DATE.
15. CONTRACTOR TO ENSURE THAT ALL RECEPTACLES WITHIN SCOPE OF WORK IS HOSPITAL GRADE OUTLETS. REPLACE EXISTING IF NECESSARY.

DEMOLITION SHEET NOTES

1. COORDINATE ALL DEMOLITION WORK WITH GENERAL CONTRACTOR. REFER TO CONSTRUCTION PHASING SCHEDULE.
2. VISIT THE SITE DURING THE TENDERING PERIOD TO DETERMINE THE EXACT SCOPE OF DEMOLITION WORK AND TO BECOME THOROUGHLY FAMILIAR WITH ALL CONDITIONS TO MEET IN CARRYING OUT SAME. REQUEST FOR EXTRAS WILL NOT BE CONSIDERED FOR FAILURE TO PROPERLY EVALUATE CONDITIONS WHICH AFFECT THE SCOPE OF DEMOLITION WORK.
3. IN SOME CASES, GENERAL LOCATIONS AND TYPES OF SOME ELECTRICAL EQUIPMENT ARE INDICATED IN ORDER TO ASSIST IN EVALUATING SCOPE OF DEMOLITION WORK.
4. REFER TO ARCHITECTURAL DRAWINGS ROOM FINISH SCHEDULES FOR ADDITIONAL DEMOLITION NOTES.
5. ELECTRICAL CONTRACTOR TO PRICE FOR UP TO 5% FOR ADDITIONAL DEVICES THAT MAY NOT BE CAPTURED IN PLAN DUE TO EXISTING SITE CONDITIONS.

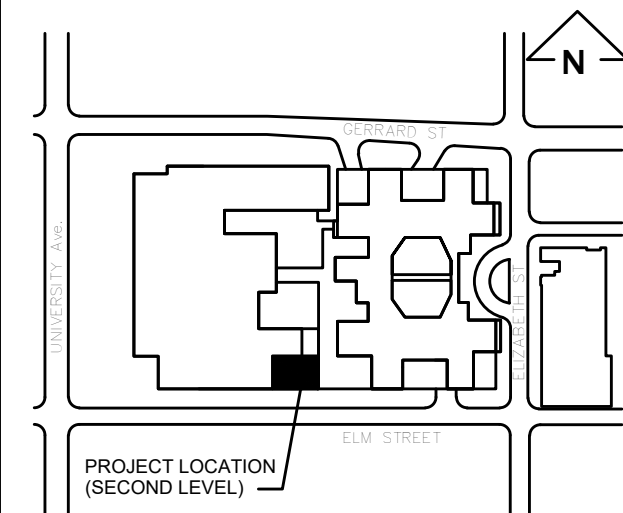
SHEET KEYNOTES

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Keyplan



North Arrow

Detail Symbol

Detail No.
Sheet No.

Seal



Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE

Client
SickKids
555 University Ave., Toronto, ON M5G 1X8

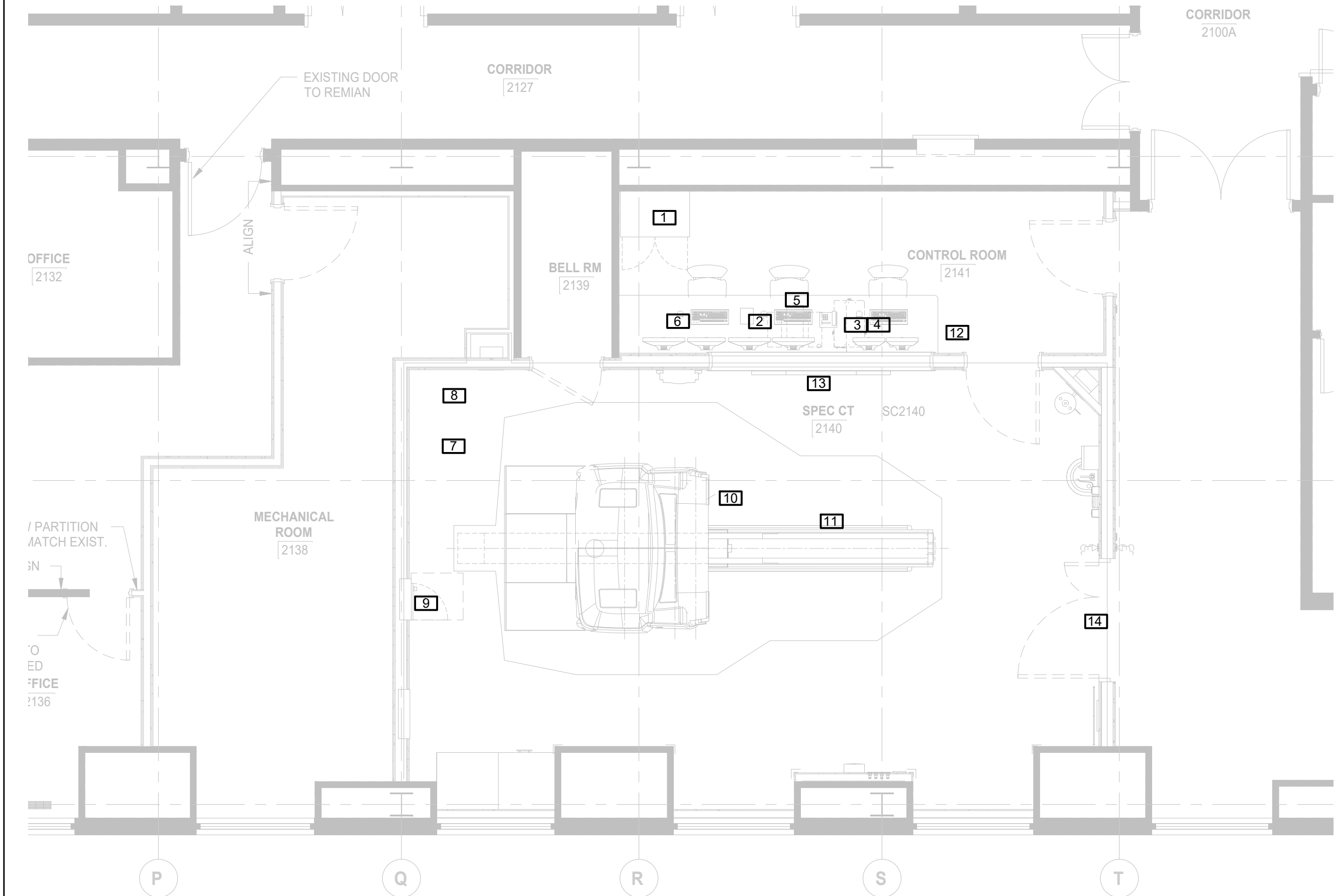
Project
SICKKIDS - SPEC CT ROOM
555 UNIVERSITY AVENUE, MAIN FLOOR,
TORONTO, ON M5G1X8

Drawing Title
POWER DEMO WORK

Check Scale (may be photo reduced)
0 1 inch 0 10mm

Project No.

Drawing No. **EX 02 EW 02**



LEGEND					
A GE SUPPLIED		D AVAILABLE FOR GE			
B GE SUPPLIED/CONTRACTOR INSTALLED		E EQUIPMENT EXISTING IN ROOM			
C CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED		F ITEM TO BE REINSTALLED FROM ANOTHER SITE			
BY	ITEM	DESCRIPTION	MAX HEAT OUTPUT (BTU/h)	WEIGHT (lbs)	MAX HEAT OUTPUT (W)
A	1	STORAGE CABINET	-	90	-
A	2	OPERATOR CONSOLE	3200	144	938
A	3	NM ACQUISITION STATION	256	25	75
A	4	IMAGE GENERATOR CONSOLE	512	49	150
A	5	OPERATOR'S CHAIR	-	-	-
A	6	XELERIS V WORKSTATION	273	35	80
A	7	POWER DISTRIBUTION UNIT (PDU)	3398	816	996
A	8	PARTIAL UPS 14.4 KVA	5122	609	1501.1
A	9	MAIN DISCONNECT PANEL (MDP)	-	115	-
A	10	GANTRY	17138	7144	5023
A	11	PATIENT TABLE	682	682	200
C	12	COUNTER TOP FOR EQUIPMENT - PROVIDE GROMMETED OPENINGS AS REQUIRED TO ROUTE CABLES			
C	13	LEAD GLASS WINDOW			
C	14	MINIMUM OPENING FOR EQUIPMENT DELIVERY IS 1219 mm x 2032 mm [40 in x 80 in] CONTIGENT ON A 2438 mm [96 in] CORRIDOR WIDTH			

GENERAL SHEET NOTES

- IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR ON DRAWING THAT EQUIPMENT AND MATERIALS BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION. TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
- ALL OPENINGS IN BUILDING RISER, IF APPLICABLE, SHALL BE SEALED WITH APPROVED FIRE STOP MATERIAL. ANY FIREPROOFING MATERIAL REMOVED WILL BE REPLACED WITH A SUITABLE AND APPROVED FIREPROOFING MATERIAL AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS TO APPLICABLE BUILDING AND FIRE CODES.
- CONTRACTOR TO CONDUCT OWN SURVEY AND VERIFY EXISTING CONDITIONS.
- COORDINATE WITH THE CLIENT TO CONFIRM EQUIPMENT OR SYSTEMS/DEVICES TO REMAIN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REFINISHING OF DAMAGED BUILDING AREAS AND FINISHES AFFECTED BY THE WORK AS OUTLINED UNDER SCOPE OF WORK OF THIS PROJECT.
- ALL INSTALLATIONS WITHIN EXISTING AREAS SHALL BE COORDINATED WITH OWNER AND BASE BUILDING MANAGEMENT. INSTALLATION MUST BE PERFORMED IN A MANNER TO ELIMINATE ANY INTERFERENCES TO STAFF AND NORMAL OPERATION OF THE FACILITY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND DISTRIBUTION OF TEMPORARY POWER AND LIGHTING WITHIN THE PREMISES DURING THE CONSTRUCTION PERIOD. EXPOSED ELECTRICAL CORDS OUTSIDE THE AREA OF WORK SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL THE WORK WITH ALL OTHER TRADES, CONSULTANTS, AND THE OWNER. ALL WORK SHALL BE SCHEDULED AND CARRIED OUT BY THE CONTRACTOR IN A MANNER TO ENSURE CONTINUED AND NON-INTERRUPTED OPERATION OF EXISTING FACILITY.
- CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULLBOXES, DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER SCOPE OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER OWNER'S REQUIREMENTS AND ALL MARKINGS SHALL BE OF NON-ERASABLE LAMACOID TYPE. COORDINATE ALL LABELING WITH THE OWNER AND CONSULTANT.
- CONTRACTOR TO ENSURE ANY DAMAGE TO EXISTING ELECTRICAL CONDUIT AND CONNECTION TO BE REPLACED OR FIXED PRIOR TO RE-INSTALLATION.
- CONTRACTOR TO NOTIFY OWNER OF ANY EXISTING DAMAGES PRIOR TO COMMENCING OF WORK. ALL EXISTING EQUIPMENT AND FIXTURES INSIDE THE PATIENT ROOM AND WASHROOM TO BE THOROUGHLY INSPECTED, ANY COMPROMISE TO THE INTEGRITY SHOULD BE MADE KNOWN TO THE OWNER.
- WHERE POSSIBLE, OUTLINE ALL EXISTING AND NEW FIXTURES WITHIN THE PATIENT ROOM WITH ANTI PICK CAULKING.
- CONTRACTOR TO TRACK AND CONFIRM LOCATION OF FEEDER AND BREAKER TO SOURCE PRIOR TO DISCONNECTION, AND ENSURE BREAKER IS SECURELY TURNED OFF AND LOCKED.
- WHEREVER POSSIBLE, REUSE EXISTING CIRCUITS MADE AVAILABLE DURING DEMOLITION PHASE. WHERE NEEDED PROVIDE AND INSTALL NEW COMPATIBLE BREAKERS AND WIRING. CONTRACTOR TO VERIFY AVAILABLE CIRCUITS ON SITE, AS PANEL BOARD SCHEDULES MAY NOT BE UP TO DATE.
- CONTRACTOR TO ENSURE THAT ALL RECEIPTABLES WITHIN SCOPE OF WORK IS HOSPITAL GRADE OUTLETS. REPLACE EXISTING IF NECESSARY.

SHEET KEYNOTES

- PROVIDE CAT5 LINE FOR PATIENT MONITORING, FROM SPEC CT ROOM TO OBSERVATION ROOM.
- NEW 30KVA TRANSFORMER SHALL BE HIGH MOUNTED, ELECTRICAL CONTRACTOR TO INCLUDE FOR ALL NECESSARY HARDWARE.
- DOOR INTERLOCK WITH WARNING LIGHT

SHEET NOTES

- IT IS IMPORTANT THAT THE ELECTRICAL CONTRACTOR IS FAMILIAR WITH STAR GUIDE - PRE INSTALLATION MANUAL AND FINAL STAR GUIDE STUDY, IN ORDER TO ACCURATELY PRICE THE PROJECT AND TO ACCURATELY UNDERSTAND THE INTERCONNECTIONS AND INTERFACE OF EACH EQUIPMENT. PRIOR TO BID IF ANY QUESTION REGARDING FEEDER, CONDUIT, INTERCONNECTION OR APPLICATIONS WILL NEED TO BE ASKED PRIOR TO TENDER CLOSE.

ELECTRICAL SHEET NOTES

- ALL WIRES SPECIFIED SHALL BE COPPER STRANDED, FLEXIBLE, THERMO-PLASTIC, COLOR CODED, CUT 10 FOOT LONG AT OUTLET BOXES, DUCT TERMINATION POINTS OR STUBBED CONDUIT ENDS. ALL CONDUCTORS, POWER, SIGNAL AND GROUND, MUST BE RUN IN A CONDUIT OR DUCT SYSTEM. ELECTRICAL CONTRACTOR SHALL RING OUT AND TAG ALL WIRES AT BOTH ENDS. WIRE RUNS MUST BE CONTINUOUS COPPER STRANDED AND FREE FROM SPLICES.
- ALUMINUM OR SOLID WIRES ARE NOT ALLOWED.
- WIRE SIZES GIVEN ARE FOR USE OF EQUIPMENT. LARGER SIZES MAY BE REQUIRED BY LOCAL CODES.
- IT IS RECOMMENDED THAT ALL WIRES BE COLOR CODED, AS REQUIRED IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.
- CONDUIT SIZES SHALL BE VERIFIED BY THE ARCHITECT, ELECTRICAL ENGINEER OR CONTRACTOR, IN ACCORDANCE WITH LOCAL OR NATIONAL CODES.
- CONVENIENCE OUTLETS ARE NOT ILLUSTRATED. THEIR NUMBER AND LOCATION ARE TO BE SPECIFIED BY OTHERS. LOCATE AT LEAST ONE CONVENIENCE OUTLET CLOSE TO THE SYSTEM CONTROL, THE POWER DISTRIBUTION UNIT AND ONE ON EACH WALL OF THE PROCEDURE ROOM. USE HOSPITAL APPROVED OUTLET OR EQUIVALENT.
- GENERAL ROOM ILLUMINATION IS NOT ILLUSTRATED. CAUTION SHOULD BE TAKEN TO AVOID EXCESSIVE HEAT FROM OVERHEAD SPOTLIGHTS. DAMAGE CAN OCCUR TO CEILING MOUNTING COMPONENTS AND WIRING IF HIGH WATTAGE BULBS ARE USED. RECOMMEND LOW WATTAGE BULBS NO HIGHER THAN 75 WATTS AND USE DIMMER CONTROLS (EXCEPT MR). DO NOT MOUNT LIGHTS DIRECTLY ABOVE AREAS WHERE CEILING MOUNTED ACCESSORIES WILL BE PARKED.
- ROUTING OF CABLE DUCTWORK, CONDUITS, ETC., MUST RUN DIRECT AS POSSIBLE OTHERWISE MAY RESULT IN THE NEED FOR GREATER THAN STANDARD CABLE LENGTHS (REFER TO THE INTERCONNECTION DIAGRAM FOR MAXIMUM USABLE LENGTHS POINT O POINT).
- CONDUIT TURNS TO HAVE LARGE, SWEEPING BENDS WITH MINIMUM RADIUS IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.
- A SPECIAL GROUNDING SYSTEM IS REQUIRED IN ALL PROCEDURE ROOMS BY SOME NATIONAL AND LOCAL CODES. IT IS RECOMMENDED IN AREAS WHERE PATIENTS MIGHT BE EXAMINED OR TREATED UNDER PRESENT, FUTURE, OR EMERGENCY CONDITIONS, CONSULT THE GOVERNING ELECTRICAL CODE AND CONFER WITH APPROPRIATE CUSTOMER ADMINISTRATIVE PERSONNEL TO DETERMINE THE AREAS REQUIRING THIS TYPE OF GROUNDING SYSTEM.
- THE MAXIMUM POINT TO POINT DISTANCES ILLUSTRATED ON THIS DRAWING MUST NOT BE EXCEEDED.
- PHYSICAL CONNECTION OF PRIMARY POWER TO GE EQUIPMENT IS TO BE MADE BY CUSTOMERS ELECTRICAL CONTRACTOR WITH THE SUPERVISION OF A GE REPRESENTATIVE. THE GE REPRESENTATIVE WOULD BE REQUIRED TO IDENTIFY THE PHYSICAL CONNECTION LOCATION, AND INSURE PROPER HANDLING OF GE EQUIPMENT.
- GEHC CONDUCTS POWER AUDITS TO VERIFY QUALITY OF POWER BEING DELIVERED TO THE SYSTEM. THE CUSTOMER'S ELECTRICAL CONTRACTOR IS REQUIRED TO BE AVAILABLE TO SUPPORT THIS ACTIVITY.

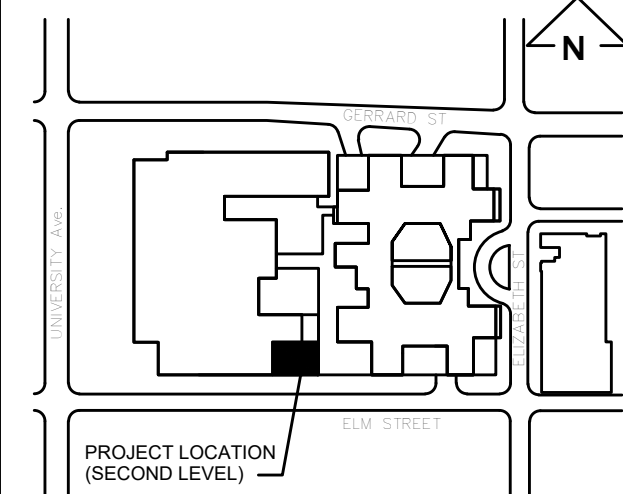
- ALL JUNCTION BOXES, CONDUIT, DUCT, DUCT DIVIDERS, SWITCHES, CIRCUIT BREAKERS, CABLE TRAY, ETC., ARE TO BE SUPPLIED AND INSTALLED BY CUSTOMERS ELECTRICAL CONTRACTOR.
- CONDUIT AND DUCT RUNS SHALL HAVE SWEEP RADIUS BENDS
- CONDUITS AND DUCT ABOVE CEILING OR BELOW FINISHED FLOOR MUST BE INSTALLED AS NEAR TO CEILING OR FLOOR AS POSSIBLE TO REDUCE RUN LENGTH.
- CEILING MOUNTED JUNCTION BOXES ILLUSTRATED ON THIS PLAN MUST BE INSTALLED FLUSH WITH FINISHED CEILING.
- ALL DUCTWORK MUST MEET THE FOLLOWING REQUIREMENTS:
 - DUCTWORK SHALL BE METAL WITH DIVIDERS AND HAVE REMOVABLE, ACCESSIBLE COVERS.
 - DUCTWORK SHALL BE CERTIFIED/RATED FOR ELECTRICAL POWER PURPOSES.
 - DUCTWORK SHALL BE ELECTRICALLY AND MECHANICALLY BONDED TOGETHER IN AN APPROVED MANNER.
 - PVC AS A SUBSTITUTE MUST BE USED IN ACCORDANCE WITH ALL LOCAL AND NATIONAL CODES.
- ALL OPENINGS IN RACEWAY AND ACCESS FLOORING ARE TO BE CUT OUT AND FINISHED OFF WITH GROMMET MATERIAL BY THE CUSTOMERS CONTRACTOR.
- GENERAL CONTRACTOR TO INSERT PULL CORDS FOR ALL CABLE RUN CONDUITS BETWEEN THE EQUIPMENT ROOM AND THE OPERATORS CONTROL ROOM.
- 10 FOOT PIGTAILS AT ALL JUNCTION POINTS.
- GROUNDING IS CRITICAL TO EQUIPMENT FUNCTION AND PATIENT SAFETY. SITE MUST CONFORM TO WIRING SPECIFICATIONS SHOWN ON THIS PLAN.

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Keyplan



North Arrow

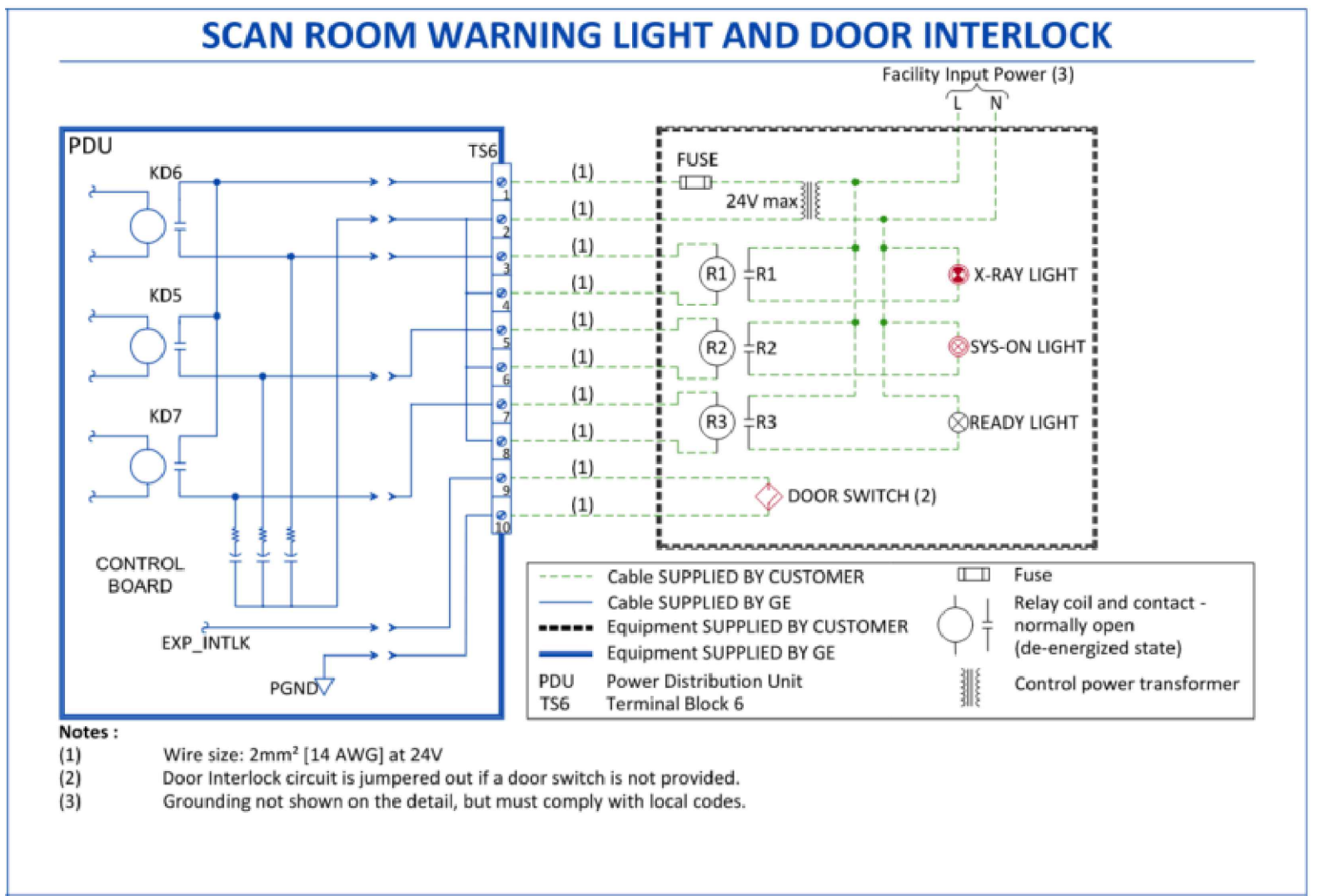
Detail Symbol

Detail No.
Sheet No.

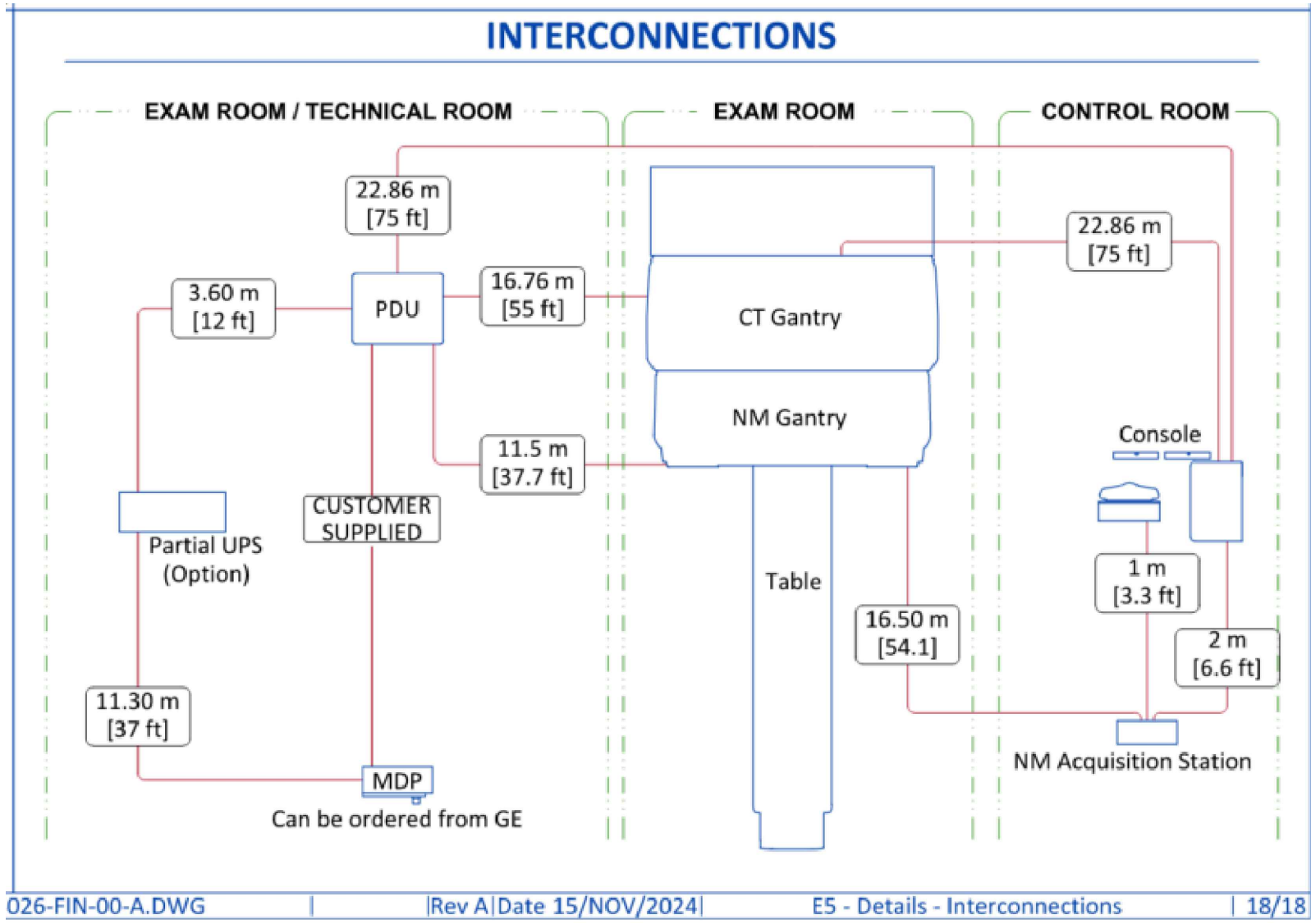
Seal



Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE
Client SickKids 555 University Ave., Toronto, ON M5G 1X8	
Project SICKKIDS - SPEC CT ROOM 555 UNIVERSITY AVENUE, MAIN FLOOR, TORONTO, ON M5G1X8	
Drawing Title POWER - NEW WORK	
Check Scale (may be photo reduced) 0 1 inch 0 10mm	
Project No.	
Drawing No. EP 02 EW 01	



2 SCAN ROOM WARNING LIGHT AND DOOR INTERLOCK
--- N.T.S.



3 INTERCONNECTIONS
--- N.T.S.

POWER REQUIREMENTS

POWER SUPPLY	380/400/420/440/460/480V ± 6%, 3 PHASE + GND
FREQUENCIES	50/60 Hz ± 3 Hz
MAXIMUM POWER DEMAND	90 kVA
AVERAGE (CONTINUOUS) POWER DEMAND	22 kVA
POWER FACTOR	0.85 (140 kV, 380 mA)

- Power supply should come into a Main Disconnect Panel (MDP) containing the protective units and controls.
- Governing electrical codes may require a neutral wire. If present, neutral must be terminated in MDP.
- The section of the supply cable should be calculated in accordance with its length and the maximum permissible voltage drops.
- There must be difference between supply cable protective device at the beginning of the installation (main low-voltage transformer side) and the protective devices in the MDP.

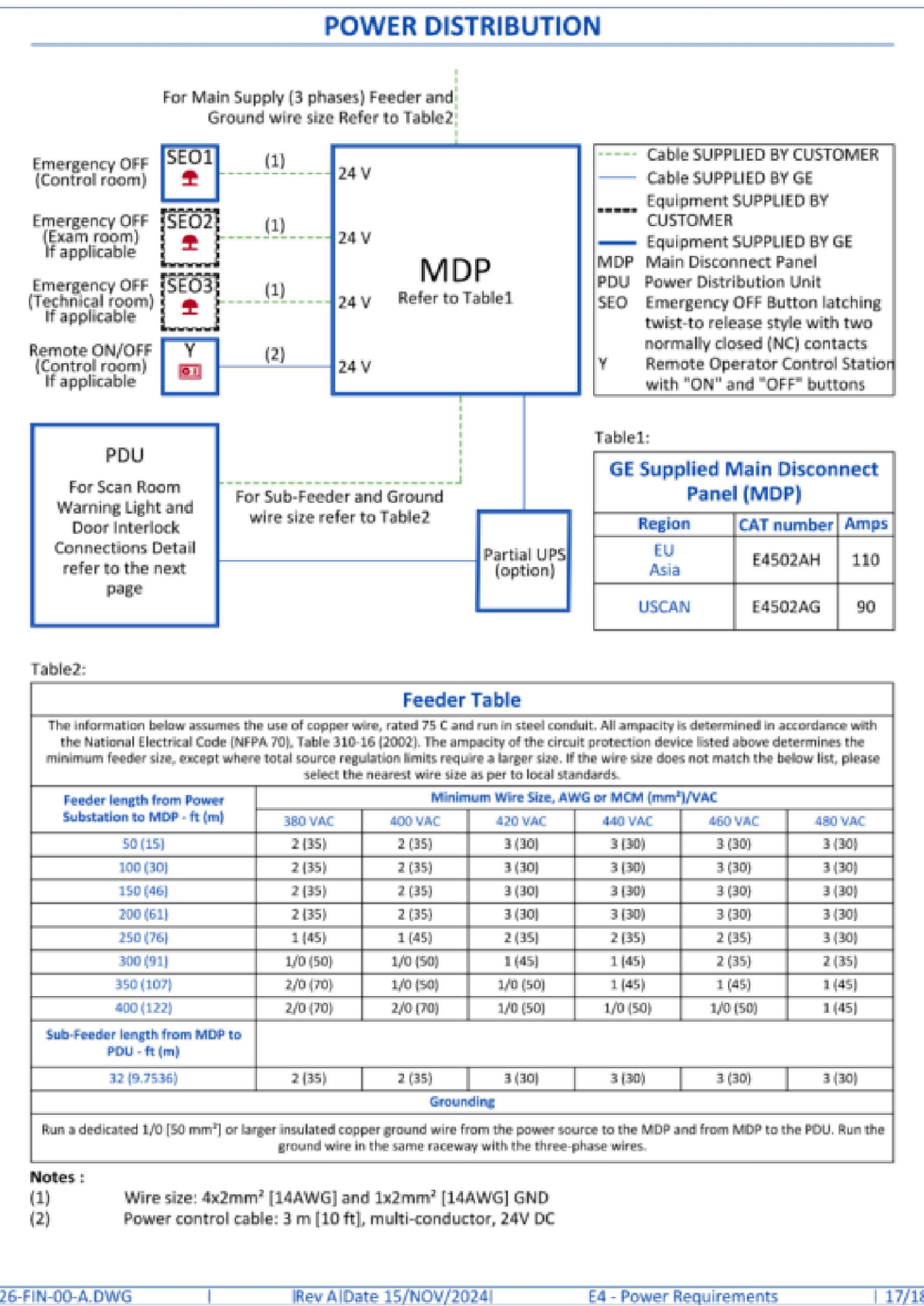
- SUPPLY CHARACTERISTICS**
- Power input must be separate from any others which may generate transients (elevators, air conditioning, radiology rooms equipped with high speed film changers...).
 - All equipment (lighting, power outlets, etc...) installed with GE system components must be powered separately.
 - Phase imbalance 2% maximum.
 - Maximum voltage variation at full load = 6% (including line impedance).
 - Transients must be less than 1500 V peak. (on a 400 V line)

- GROUND SYSTEM**
- System of equipotential grounding.
 - Equipotential: The equipotential link will be by means of an equipotential bar. This equipotential bar should be connected to the protective earth conductors in the ducts of the non GE cableways and to additional equipotential connections linking up all the conducting units in the rooms where GE system units are located.
 - The impedance of the earth bar should be less than or equal to 0.5 Ohm.

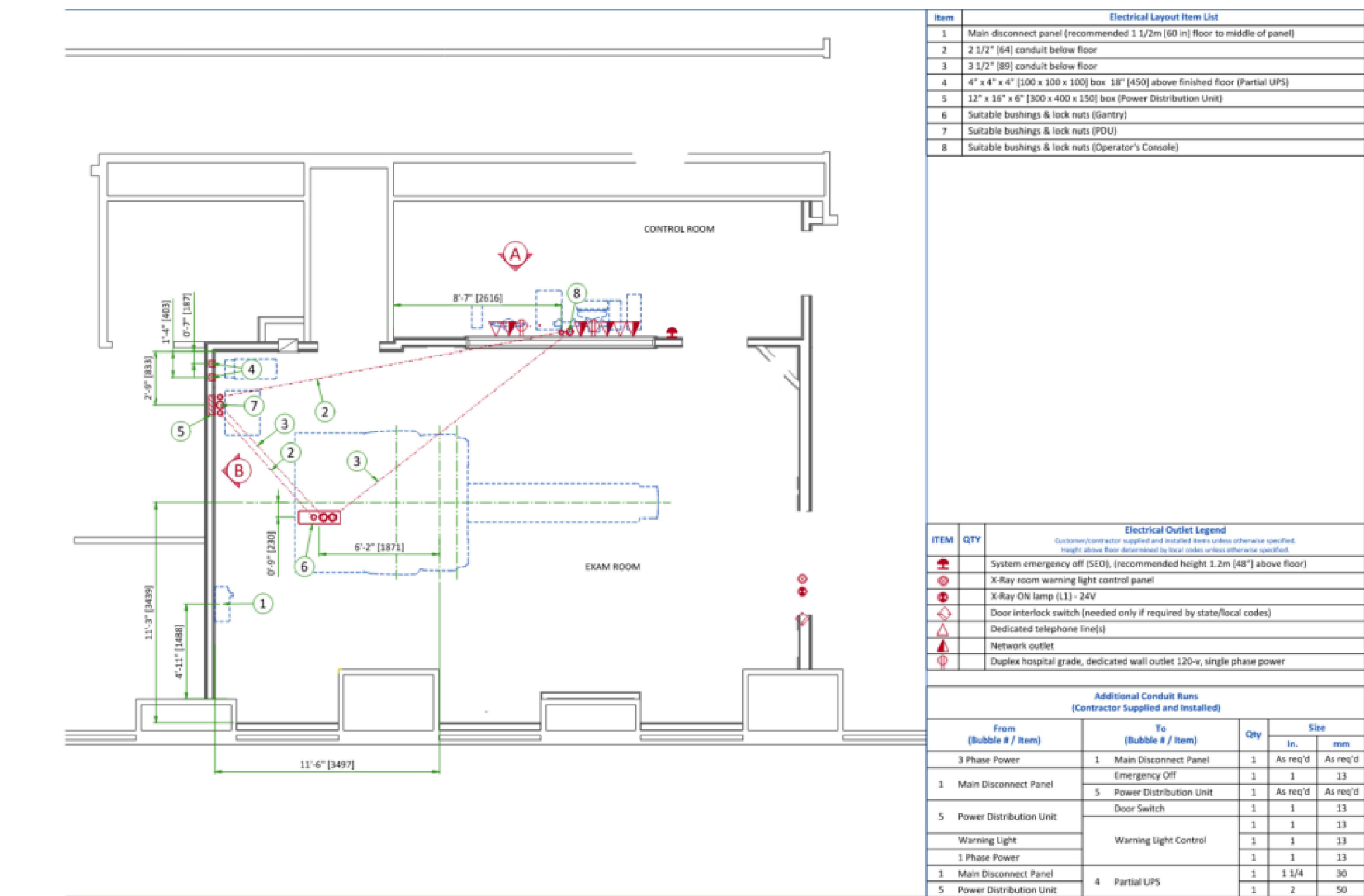
- CABLES**
- Power and cable installation must comply with the distribution diagram.
 - All cables must be isolated and flexible, cable color codes must comply with standards for electrical installation.
 - The cables from signaling and remote control (Y, SEO, L...) will go to MDP with a pigtail length of 1.5 m, and will be connected during installation. Each conductor will be identified and isolated (screw connector).

- CABLEWAYS**
- The general rules for laying cableways should meet the conditions laid down in current standards and regulations, with regard to:
- Protecting cables against water (cableways should be waterproof).
 - Protecting cables against abnormal temperatures (proximity to heating pipes or ducts).
 - Protecting cables against temperature shocks.
 - Replacing cables (cableways should be large enough for cables to be replaced).
 - Metal cableways should be grounded.

4 POWER REQUIREMENTS AND DISTRIBUTION
--- N.T.S.



Hospital for Sick Children | STARGUIDE | CT-M394026-FIN-00-A.DWG | Rev A | Date 15/NOV/2024 | E4 - Power Requirements | 17/18

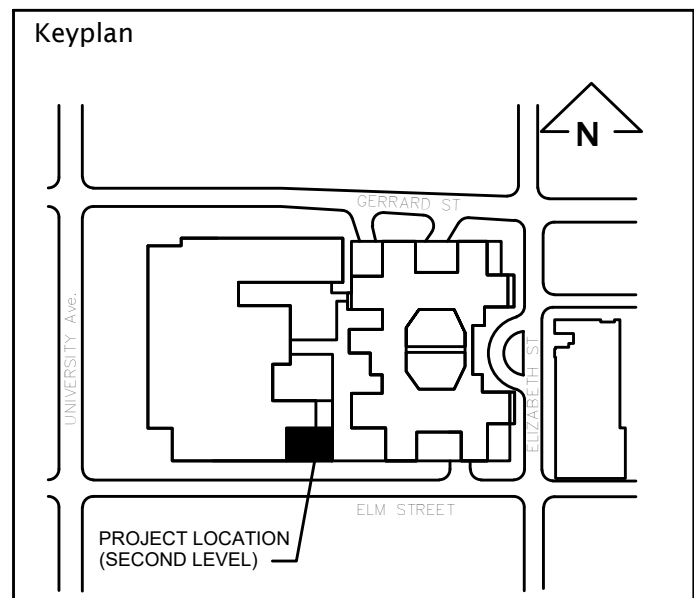


1 ELECTRICAL LAYOUT AND ITEM LIST
--- N.T.S.

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.



North Arrow

Detail Symbol

Detail No. Sheet No.

Seal

NORR

QUASAR CONSULTING GROUP

Project Manager	Drawn
JE	JE/JS
Project Leader	Checked
JG	JE

Client

SickKids

555 University Ave., Toronto, ON M5G 1X8

Project

SICKKIDS - SPEC CT ROOM

555 UNIVERSITY AVENUE, MAIN FLOOR, TORONTO, ON M5G1X8

Drawing Title

ELECTRICAL DETAILS
2 OF 2

Check Scale (may be photo reduced)

0 1 inch 0 10mm

Project No.

Drawing No. ED 02 EW 02

AIR HANDLING UNITS													
MOTOR							FEEDER		PROTECTION		STARTER		
TAG NO.	LOCATION	FLA (A)	PHASE	VOLTAGE (V)	POWER (kW)	HORSE POWER	FEEDER SIZE	FED FROM	TIME DELAY FUSE (A)	CIRCUIT BREAKER (A)	VFD BY DIV. 20	NON FUSED DISCONNECT BY DIV.26	REMARKS
AHU-1	LEVEL 2	4.8	3	416		3	3#12AWG + #12AWG BND IN 21mmC	DP-2-1-2EE		15, 3P			

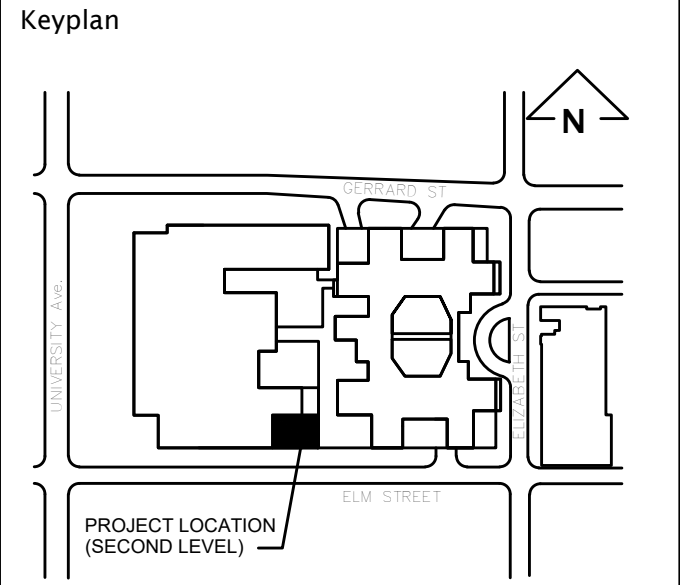
EXHAUST FANS													
MOTOR							FEEDER		PROTECTION		STARTER		
TAG NO.	LOCATION/DESCRIPTION	FLA (A)	PHASE	VOLTAGE (V)	POWER (kW)	HORSE POWER	FEEDER SIZE	FED FROM	TIME DELAY FUSE (A)	CIRCUIT BREAKER (A)	VFD BY DIV. 20	NON FUSED DISCONNECT BY DIV.26	REMARKS
EF-2100D-01	LEVEL 2	3.5	3	208		3/4	3#12AWG + #12AWG BND IN 21mmC	RP-2-3EA		15	YES	YES	

AGS PUMP SYSTEM SCHEDULE													
MOTOR							FEEDER		PROTECTION		STARTER		
TAG NO.	LOCATION	FLA (A)	PHASE	VOLTAGE (V)	POWER (kW)	HORSE POWER	FEEDER SIZE	FED FROM	TIME DELAY FUSE (A)	CIRCUIT BREAKER (A)	VFD BY DIV. 20	NON FUSED DISCONNECT BY DIV.26	REMARKS
P-2138001	LEVEL 2 (2138)	2	3	208		2	3#12AWG + #12AWG BND IN 21mmC	RP-2-3EA		15	YES	YES	

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

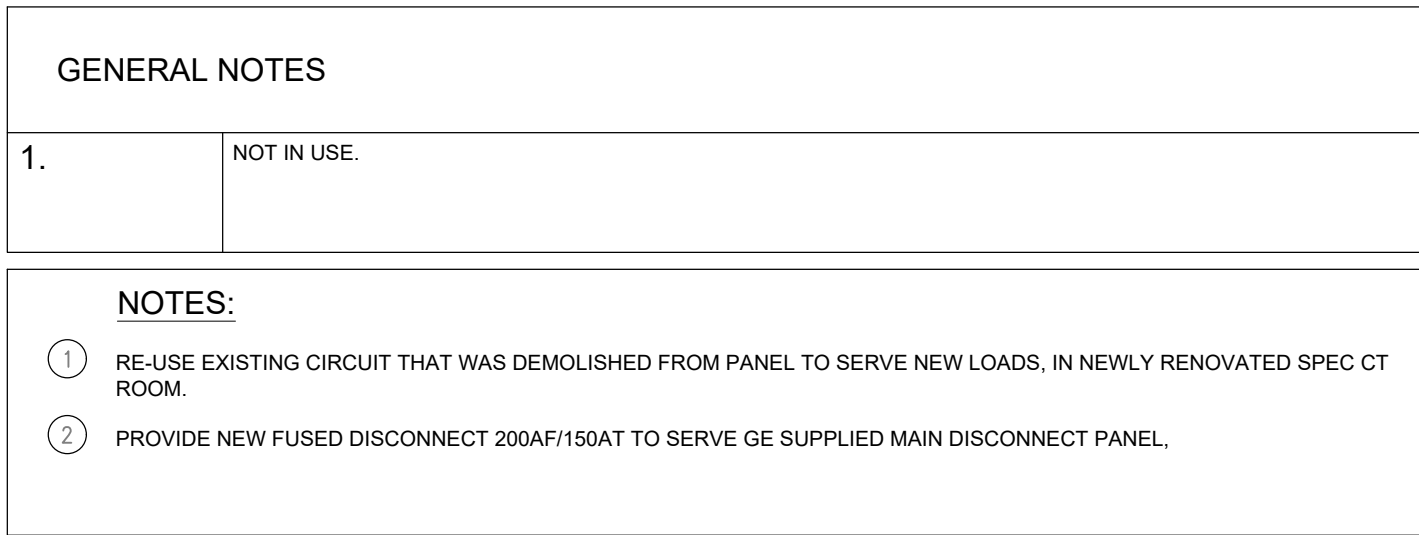


North Arrow	Detail Symbol
	Detail No. Sheet No.

Seal	
------	--

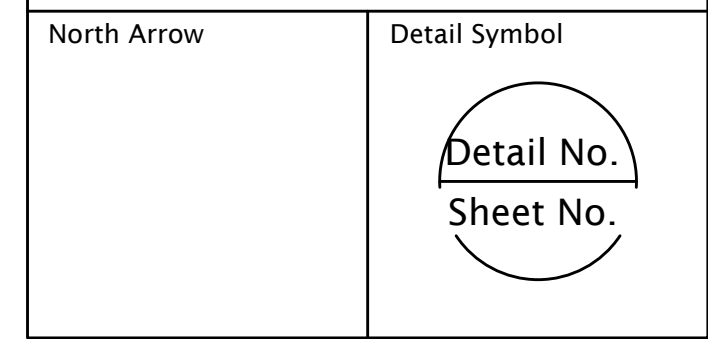


Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE
Client SickKids 555 University Ave., Toronto, ON M5G 1X8	
Project SICKKIDS - SPEC CT ROOM 555 UNIVERSITY AVENUE, MAIN FLOOR, TORONTO, ON M5G1X8	
Drawing Title POWER FOR MECHANICAL SCHEDULE	
Check Scale (may be photo reduced) 0 1inch 0 10mm	
Project No.	
Drawing No. ED 02 EW 03	



DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.



Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE

Client

SickKids®

555 University Ave., Toronto, ON M5G 1X8

Project
SICKKIDS - SPEC CT ROOM
555 UNIVERSITY AVENUE, MAIN FLOOR, TORONTO, ON M5G1X8

Drawing Title
ELECTRICAL SINGLE LINE DIAGRAM



Project No.

Drawing No. **ER 02 EW 01**

Branch Panel: RP-2-1B (EXISTING)												
Location: Supply From: Mounting: Enclosure:				Volts: 120/208V Phases: 3 Wires: 4				A.I.C. Rating: Mains Type: Mains Rating: MCB Rating:				
Notes:												
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	EXISTING	40	3				1	15	CORR. PLUGS 2101, 2114	2		
3						1	20	2136	4			
5						1	15	PLUGS 2148A&B	6			
7	2112K I.B.M FLOOR PLUG	15	1				1	15	RECEPTACLES RM. 2147	8		
9	SPARE	15	1				1	15	PLUGS RM. 2126- MIXER	10		
11	2102A	30	1				1	15	VIEW BOX 2121	12		
13	2112	15	1				1	15	PLUGS 2147	14		
15	LOBBY PLUG	15	1				1	15	REC. 2150	16		
17	V. BOX OFFICE R2102	15	1				1	15	PLUGS 2115	18		
19	RECEPTACLE 2135, 2136, 2137, 2140	15	1				1	15	VIEW BOX	20		
21	V. BOX OFFICE	15	1				1	15	SOUTH WEST PLUGS	22		
23	PLUG 2008, 2137, 2136, 2135	15	1				1	15	PLUGS RM. 2103	24		
25	2001, 2144, 2002, 2141	15	1				1	15	PLUGS 2105	26		
27	2137, 2140, 2141, 2001, 6, 7	15	1				1	15	PLUGS 2101, 2103, 2105	28		
29	FLOOR PLUGS 2147	15	1				1	15	PLUGS	30		
31	EXISTING	15	1				1	15	ROOM 2113 COUNTER REC.	32		
33	EXISTING	15	1				1	15	EXISTING	34		
35	2113 B REC.	15	1				1	20	COPIER RM. 2122	36		
				Total Load:								
				Total Amps:								
Legend:												
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals				
Lighting - Dwelling Unit										Total Conn. Load:		
Receptacle										Total Est. Demand:		
										Total Conn.:		
										Total Est. Demand:		
Notes:												
EXISTING LOADS ARE FOR REFERENCE ONLY REFER TO FLOOR PLANS FOR CIRCUITING, PROVIDE 15A FOR GENERAL RECEPTACLES, AND MINIMUM 20A FOR LIGHTING.												

Branch Panel: RP-2-1C (EXISTING)										
Location: Supply From: Mounting: Enclosure:				Volts: 120/208V Phases: 3 Wires: 4				A.I.C. Rating: Mains Type: Mains Rating: MCB Rating:		
Notes:										
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	FLOOR PLUGS 2143	15	1				1	15	PLUGS	2
3	PLUGS 2133	15	1				1	15	2103	4
5	2132	15	1				1	15	EXISTING	6
7	V2138 2143	15	1				1	15	EXISTING	8
9	2138 2843	20	1				1	15	LIGHTS RM. 2147, 2148	10
11	2143	15	1				1	15	REC.	12
13	REC. RM. 2108	15	1				1	20	PLUG GAMMA CAMERA	14
15	REC. RM. 2103	15	1				1	15	BMQ 2103 OUTLET	16
17	EXISTING	15	1				1	15	GAMMA PLUG CAMERA 2105	18
19	FRIDGE RM. 2102A	15	1				1	15	2102 SOUTH WALL	20
21	REC. RM. 2102A	15	1				1	15	2104 - A COUNTER REC.	22
23	POT.LTS. RM. 2128	15	1				1	15	2104 - NORTH WALL	24
25	2104 SOUTH WALL COUNTER	15	1				1	15	2112C SWITCHED PLUG	26
27	2104 WEST WALL COUNTER	15	1				1	15	2112C SWITCHED PLUG	28
29	2104 SOUTH WALL FLOOR REC.	15	1				1	15	2112C SOUTH WALL PLUG	30
31	2112C MATE	30	2				1	15	2112C N + SW WALL PLUG	32
33							1	15	REC.	34
35	2112C COMPUTER BUS	30	1				1	15	EXISTING	36
		Total Load:								
		Total Amps:								
Legend:										
Load Classification				Connected Load	Demand Factor	Estimated Demand	Panel Totals			
Lighting - Dwelling Unit							Total Conn. Load:			
Receptacle							Total Est. Demand:			
							Total Conn.:			
							Total Est. Demand:			
Notes:										
EXISTING LOADS ARE FOR REFERENCE ONLY REFER TO FLOOR PLANS FOR CIRCUITING, PROVIDE 15A FOR GENERAL RECEPTACLES, AND MINIMUM 20A FOR LIGHTING.										

Branch Panel: RP-2-1EA (EXISTING)												
Location: Supply From: Mounting: Enclosure:				Volts: 120/208V Phases: 3 Wires: 4				A.I.C. Rating: Mains Rating: MCB Rating:				
Notes:												
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	EXIT LTG	15	1				1	15	RECP ELEC RM. 2111	2		
3	RECP 2139	15	1				1	15	SAFE 2115	4		
5	RECP 2139	15	1				1	15	EXIT LTG 2126, 2144	6		
7	RECP 2105	15	1				1	15	EXIT LTG 2126, 2113	8		
9	EXISTING	20	2				1	15	EXIT LTG 2148, 2147	10		
11							1	15	MED GAS ALARM	12		
13	EXISTING	15	1				1	15	RECP 2162	14		
15	CARD READER PHONE	15	1				1	15	RECP 2162	16		
17	RECP LEFT SIDE COMPUTER CABINET	15	1				1	15	EXISTING	18		
19	RECP 2126 2133	15	1				1	15	MED GAS ALARM	20		
21	PROCESSOR 2126	20	2				1	15	EXISTING	22		
23							1	15	EXISTING	24		
25	PROCESSOR 2126	15	1				1	15	EXISTING	26		
27	EXISTING	15	1				1	20	EXISTING	28		
29	EXISTING	15	1				1	20	EXISTING	30		
31	EXISTING	15	1				1	20	EXISTING	32		
33	EXISTING	15	1				--	--	SPARE	34		
35	EXISTING	15	1				--	--	SPARE	36		
		Total Load:										
		Total Amps:										
Legend:												
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals				
Lighting - Dwelling Unit								Total Conn. Load:				
Receptacle								Total Est. Demand:				
								Total Conn.:				
								Total Est. Demand:				
Notes:												
EXISTING LOADS ARE FOR REFERENCE ONLY REFER TO FLOOR PLANS FOR CIRCUITING, PROVIDE 15A FOR GENERAL RECEPTACLES, AND MINIMUM 20A FOR LIGHTING.												

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Keyplan

PROJECT LOCATION (SECOND LEVEL)

North Arrow

Detail Symbol

Detail No.

Sheet No.

Seal	
------	--



Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE
Client 555 University Ave., Toronto, ON M5G 1X8	
Project SICKKIDS - SPEC CT ROOM 555 UNIVERSITY AVENUE, MAIN FLOOR, TORONTO, ON M5G1X8	
Drawing Title ELECTRICAL PANEL SCHEDULE 1 OF 2	
Check Scale (may be photo reduced) 0 1 inch 0 10mm	
Project No.	
Drawing No. ES 02 EW 01	

Branch Panel: RP-2-3EA (NEW)

Location:
Supply From:
Mounting:
Enclosure:

Volts: 120/208V
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating:
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPARE	15	1				1	15	CAV - 2141-1	2
3	HUMIDIFIER	35	2				2	15	EF-2100D-01	4
5										6
7							1	15	CAV - 2140-1	8
9	P-2138-01	15	3				1	15	CAV - 2138-1	10
11							1	15	FD	12
13	SPARE	15	1				1	15	FD	14
15	SPARE	15	1				1	15	SPARE	16
17	SPARE	15	1				1	15	SPARE	18
19	SPARE	15	1				1	15	SPARE	20
21	SPARE	15	1				1	15	SPARE	22
23	SPARE	15	1				1	15	SPARE	24
25	SPARE	15	1				1	15	SPARE	26
27	SPARE	15	1				1	15	SPARE	28
29	SPARE	15	1				1	15	SPARE	30
31	SPARE	15	1				1	15	SPARE	32
33	SPARE	15	1				1	15	SPARE	34
35	SPARE	15	1				1	15	SPARE	36
		Total Load:								
		Total Amps:								

Legend:

Load Classification

Lighting - Dwelling Unit
Receptacle

Connected Load

Demand Factor

Estimated Demand

Panel Totals

Total Conn. Load:
Total Est. Demand:
Total Conn.:
Total Est. Demand:

Notes:

EMERGENCY 120/ 208 MECHANICAL LOADS

Branch Panel: RP-2-1B (EXISTING)

Location:
Supply From:
Mounting:
Enclosure:

Volts: 120/208V
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating:
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1							1	15	CORR. PLUGS 2101, 2114	2	
3	EXISTING	40	3					1	20	2138	4
5								1	15	PLUGS 2148A&B	6
7	2112K I.B.M FLOOR PLUG	15	1					1	15	RECEPTACLES RM. 2147	8
9	SPARE	15	1					1	15	PLUGS RM. 2126- MIXER	10
11	2102A	30	1					1	15	VIEW BOX 2121	12
13	2112	15	1					1	15	PLUGS 2147	14
15	LOBBY PLUG	15	1					1	15	REC. 2150	16
17	V. BOX OFFICE R2102	15	1					1	15	PLUGS 2115	18
19	RECEPTACLE 2135, 2136, 2137, 2140	15	1					1	15	VIEW BOX	20
21	V. BOX OFFICE	15	1					1	15	SOUTH WEST PLUGS	22
23	PLUG 2008, 2137, 2136, 2135	15	1					1	15	PLUGS RM. 2103	24
25	2001, 2144, 2002, 2141	15	1					1	15	PLUGS 2105	26
27	2137, 2140, 2141, 2001, 6, 7	15	1					1	15	PLUGS 2101, 2103, 2105	28
29	FLOOR PLUGS 2147	15	1					1	15	PLUGS	30
31	EXISTING	15	1					1	15	ROOM 2113 COUNTER REC.	32
33	EXISTING	15	1					1	15	EXISTING	34
35	2113 B REC.	15	1					1	20	COPIER RM. 2122	36
		Total Load:									
		Total Amps:									

Legend:

Load Classification

Lighting - Dwelling Unit
Receptacle

Connected Load

Demand Factor

Estimated Demand

Panel Totals

Total Conn. Load:
Total Est. Demand:
Total Conn.:
Total Est. Demand:

Notes:

EXISTING LOADS ARE FOR REFERENCE ONLY
REFER TO FLOOR PLANS FOR CIRCUITING, PROVIDE 15A FOR GENERAL
RECEPTACLES, AND MINIMUM 20A FOR LIGHTING.

Branch Panel: RP-2-1C (EXISTING)

Location:
Supply From:
Mounting:
Enclosure:

Volts: 120/208V
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating:
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	FLOOR PLUGS 2143	15	1				1	15	PLUGS	2
3	PLUGS 2133	15	1				1	15	2103	4
5	2132	15	1				1	15	EXISTING	6
7	V2138 2143	15	1				1	15	EXISTING	8
9	2138 2843	20	1				1	15	LIGHTS RM. 2147, 2148	10
11	2143	15	1				1	15	REC.	12
13	REC. RM. 2108	15	1				1	20	PLUG GAMMA CAMERA	14
15	REC. RM. 2103	15	1				1	15	BMQ 2103 OUTLET	16
17	EXISTING	15	1				1	15	GAMMA PLUG CAMERA 2105	18
19	FRIDGE RM. 2102A	15	1				1	15	2102 SOUTH WALL	20
21	REC. RM. 2102A	15	1				1	15	2104 - A COUNTER REC.	22
23	POT.LTS. RM. 2128	15	1				1	15	2104 - NORTH WALL	24
25	2104 SOUTH WALL COUNTER	15	1				1	15	2112C SWITCHED PLUG	26
27	2104 WEST WALL COUNTER	15	1				1	15	2112C SWITCHED PLUG	28
29	2104 SOUTH WALL FLOOR REC.	15	1				1	15	2112C SOUTH WALL PLUG	30
31	2112C MATE	30	2				1	15	2112C N + SW WALL PLUG	32
33							1	15	REC.	34
35	2112C COMPUTER BUS	30	1				1	15	EXISTING	36
		Total Load:								
		Total Amps:								

Legend:

Load Classification

Lighting - Dwelling Unit
Receptacle

Connected Load

Demand Factor

Estimated Demand

Panel Totals

Total Conn. Load:
Total Est. Demand:
Total Conn.:
Total Est. Demand:

Notes:

EXISTING LOADS ARE FOR REFERENCE ONLY
REFER TO FLOOR PLANS FOR CIRCUITING, PROVIDE 15A FOR GENERAL
RECEPTACLES, AND MINIMUM 20A FOR LIGHTING.

Branch Panel: RP-2-1EA (EXISTING)

Location:
Supply From:
Mounting:
Enclosure:

Volts: 120/208V
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating:
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXIT LTG	15	1				1	15	RECP ELEC RM. 2111	2
3	RECP 2139	15	1				1	15	SAFE 2115	4
5	RECP 2139	15	1				1	15	EXIT LTG 2126, 2144	6
7	RECP 2105	15	1				1	15	EXIT LTG 2126, 2113	8
9							1	15	EXIT LTG 2148, 2147	10
11	EXISTING	20	2				1	15	MED GAS ALARM	12
13	EXISTING	15	1				1	15	RECP 2162	14
15	CARD READER PHONE	15	1				1	15	RECP 2162	16
17	RECP LEFT SIDE COMPUTER CABINET	15	1				1	15	EXISTING	18
19	RECP 2126 2133	15	1				1	15	MED GAS ALARM	20
21							1	15	EXISTING	22
23	PROCESSOR 2126	20	2				1	15	EXISTING	24
25	PROCESSOR 2126	15	1				1	15	EXISTING	26
27	EXISTING	15	1				1	20	EXISTING	28
29	EXISTING	15	1				1	20	EXISTING	30
31	EXISTING	15	1				1	20	EXISTING	32
33	EXISTING	15	1				--	--	SPARE	34
35	EXISTING	15	1				--	--	SPARE	36
		Total Load:								
		Total Amps:								

Legend:

Load Classification

Lighting - Dwelling Unit
Receptacle

Connected Load

Demand Factor

Estimated Demand

Panel Totals

Total Conn. Load:
Total Est. Demand:
Total Conn.:
Total Est. Demand:

Notes:

EXISTING LOADS ARE FOR REFERENCE ONLY
REFER TO FLOOR PLANS FOR CIRCUITING, PROVIDE 15A FOR GENERAL
RECEPTACLES, AND MINIMUM 20A FOR LIGHTING.

DATE	ISSUED FOR	REV
2024-12-19	50% CD	A
2025-02-21	90% CD	B
2025-06-13	COSTING	C
2025-08-28	95% CD	D
2025-10-01	TENDER - PERMIT	0

This drawing has been prepared solely for the use of SickKids and there are no representations of any kind made by NORR limited architects and engineers to any party with whom NORR limited architects and engineers has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Keyplan

PROJECT LOCATION (SECOND LEVEL)

North Arrow

Detail Symbol

Detail No.

Sheet No.

Seal



Project Manager JE	Drawn JE/JS
Project Leader JG	Checked JE

Client

555 University Ave., Toronto, ON M5G 1X8

Project

SICKKIDS - SPEC CT ROOM

555 UNIVERSITY AVENUE, MAIN FLOOR,
TORONTO, ON M5G1X8

Drawing Title

ELECTRICAL PANEL
SCHEDULE
2 OF 2

Check Scale (may be photo reduced)

Project No.

Drawing No.

ES 02 EW 01