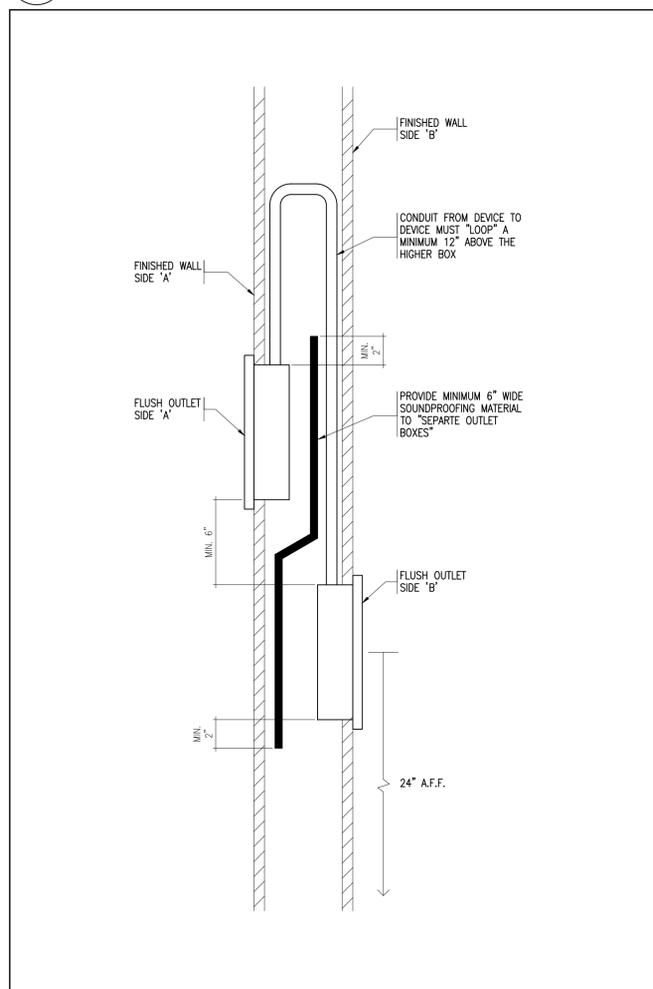


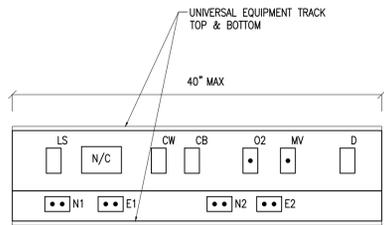
1 CLOCK SYSTEM SCHEMATIC
E-01 N.T.S.



2 NOT USED
E-02 N.T.S.



3 SECTION THRU FLUSH OUTLETS BACK TO BACK IN A PARTITION
E-01 N.T.S.



LEGEND:
D - DATA
LS - DIMMER
N/C - NURSE CALL
CW - CODE WHITE
CB - CODE BLUE
O2 - OXYGEN
MV - MEDICAL VACUUM
N1 - NORMAL RECEPTACLE CIRCUIT # N1
E1 - EMERGENCY RECEPTACLE CIRCUIT # E1

4 PATIENT SERVICES HEADWALL DETAIL - TYPE 'A'
E-01 N.T.S.

LEGEND	
SYMBOL	DESCRIPTION
▷	SINGLE DATA JACK IN FLUSH 1 GANG BOX FOR TV.
PT▷	SINGLE DATA JACK IN FLUSH 1 GANG BOX FOR PATIENT TRACKING.
WP▷	SINGLE DATA JACK IN FLUSH 1 GANG BOX FOR WALL PHONE.
G▷	SINGLE DATA JACK IN FLUSH 1 GANG BOX FOR GLUCO METER.
⊕	NURSE CALL DOME LIGHT
⊕+	NURSE CALL DUTY STATION
WP	NURSE CALL WASHROOM STATION (WP DENOTES WEATHER PROOF)
◆	NURSE CALL CONSOLE
⊕	NURSE CALL PAGING CEILING SPEAKER
⊕+	NURSE CALL STAFF TERMINAL STATION ('E' DENOTES COMPLETE WITH EMERGENCY BUTTON)
⊕+	NURSE CALL PATIENT STATION
⊕	NURSE CALL CEILING MOUNTED PAGING SPEAKER.
ER	DENOTES EXISTING TO BE REMOVED & RE-INSTALLED IN NEW PARTITION, CEILING ETC.
TR	DENOTES EXISTING TO REMAIN
RL	DENOTES EXISTING TO BE RELOCATED
REL	DENOTES EXISTING SHOWN IN RELOCATED POSITION.
R	DENOTES EXISTING TO BE REMOVED

DRAWING LIST	
DWG. NO.	TITLE
E-01	LEGEND, DETAILS & DRAWING LIST - ELECTRICAL
E-02	DETAILS - ELECTRICAL
E-03	PART PLAN 3RD FLOOR ADMINISTRATIVE AND OFFICES AREA DEMOLITION PLAN - ELECTRICAL
E-04	PART PLAN 3RD FLOOR ADMINISTRATIVE AND OFFICES AREA LIGHTING PLAN - ELECTRICAL
E-05	PART PLAN 3RD FLOOR ADMINISTRATIVE AND OFFICES AREA POWER PLAN - ELECTRICAL
E-06	PART PLAN 3RD FLOOR ADMINISTRATIVE AND OFFICES AREA SYSTEMS PLAN - ELECTRICAL
E-07	ELECTRICAL PANEL REPLACEMENT DETAILS - ELECTRICAL
E-08	STAFF ROOM / TEAM ROOM AUDIO VISUAL (A-V) SYSTEM - ELECTRICAL

PHASING

THIS PROJECT INVOLVES HEAVY PHASING AND CONNECTIONS TO EXISTING. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS AND ELECTRICAL SPECIFICATION 26 05 05 FOR FURTHER INSTRUCTIONS ON PHASING.

ALL WORK OUTSIDE OF AREA OF RENOVATION OF THE ACTIVE PHASE(S) MUST BE PERFORMED AFTER HOURS. SEE DRAWING A002 FOR PHASING AREAS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR HOURS OF OPERATION.

GENERAL NOTES:

ALL CONTRACTORS, INCLUDING GENERAL CONTRACTOR AND SUB-CONTRACTORS, ARE RESPONSIBLE FOR REVIEWING AND COORDINATING WITH COMPLETE SET OF DRAWING AND SPECIFICATION PACKAGES FOR ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL TRADES INCLUDING ANY EQUIPMENT THAT FORM PART OF THE PROJECT SCOPE.

ALL CONTRACT DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS, ANY DISCREPANCY BETWEEN ANY ONE OR MORE OF THE DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION FOR CLARIFICATION. THE CONTRACTOR SHALL PROCEED WITH WORK KNOWINGLY INCORRECT AT HIS OWN RISK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE AGGREGATE OF THE WORK DESCRIBED BY ALL OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS (i.e. SOME WORK AND MATERIALS SHOWN ON DRAWINGS MAY NOT BE INCLUDED IN THE SPECIFICATION) NOTWITHSTANDING, THE CONTRACTOR WILL BE BOUND TO THE CONSULTANT'S INTERPRETATION OF THE CONTRACT DOCUMENTS. IN THE EVENT OF AN EXPRESS CONFLICT BETWEEN ANY ITEM CONTAINED WITHIN THE CONTRACT DOCUMENTS, THE MOST STRINGENT AND COSTLY ITEM TO THE CONTRACTOR SHALL APPLY AT NO EXTRA COST TO THE CONTRACT PROVIDED HOWEVER, THE CONSULTANT MAY, AT OWNER'S SOLE DISCRETION, ELECT A LESS STRINGENT OR COSTLY RESOLUTION OF THE CONFLICT. THE CONTRACTOR SHALL NOTIFY THE CONSULTANT IMMEDIATELY OF ANY SUCH CONFLICTS. ANYTHING SHOWN IN SPECIFICATIONS AND REFERRED TO IN THIS CONTRACT, THEREAFTER FURNISHED BY OWNER, AND NOT SHOWN IN THE DRAWINGS REFERRED TO IN THIS CONTRACT, OR SHOWN IN SUCH DRAWINGS AND NOT SHOWN IN SPECIFICATIONS SHALL BE OF LIKE EFFECT, AS IF SHOWN OR MENTIONED IN BOTH AND SHALL NOT BE CONSIDERED TO BE A CONFLICT. WORK NOT COVERED IN THE CONTRACT DOCUMENTS WILL NOT BE REQUIRED UNLESS IT IS CONSISTENT THEREWITH AND IS REASONABLY INFERRABLE THEREFROM AS BEING NECESSARY TO PRODUCE THE INTENDED RESULTS. IT IS THE INTENT OF THE CONTRACT DOCUMENTS, INCLUDING THE SPECIFICATIONS AND DRAWINGS, TO PROVIDE FINISHED WORK, TESTED AND READY FOR OPERATION AND COMPLETE IN EVERY REGARD. PROVIDE WORK NOT SHOWN OR SPECIFIED AND ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE AND READY FOR OPERATION. SHOULD THERE APPEAR TO BE DISCREPANCIES OR QUESTIONS OF INTENT IN THE CONTRACT DOCUMENTS, REFER THE MATTER TO THE CONSULTANT FOR HIS REVIEW.

MECH. & ELECT. TRADES ARE RESPONSIBLE FOR REVIEWING AND COORDINATING THEIR WORK WITH THE ARCHITECTURAL WORK AS DESCRIBED IN THE ARCHITECTURAL DRAWINGS. CLAIMS FOR EXTRAS WILL NOT BE ACCEPTED FOR ITEMS OF INSTALLED WORK (NEW OR EXISTING) THAT CONFLICT WITH THE WORK OF OTHER TRADES DUE TO LACK OF COORDINATION, SUCH ITEMS BEING VISIBLE OR AVAILABLE FOR VERIFICATION (FOR EXISTING CONDITIONS) DURING THE TENDER PERIOD OR DESCRIBED AS NEW IN THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REINSTALLATION OF ALL CONFLICTING SYSTEMS AS REQUIRED TO ACHIEVE THE INTENDED DESIGN AS DESCRIBED AND INFERRED IN THE CONTRACT DOCUMENTS. REFER TO SECTION 00 21 13, PAR 1.30.2

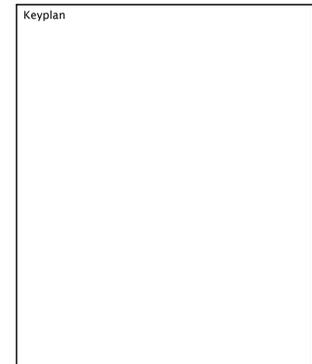
LEGEND	
SYMBOL	DESCRIPTION
□	1'x4' LED LUMINAIRE, CEILING MOUNTED.
▨	LED LUMINAIRE CONNECTED TO EMERGENCY POWER.
LB/R	WALL MOUNTED LED BED LIGHT ('LB'-TYPE, 'R' OR 'L' DENOTES SIDE PULL-CHAIN IS ON).
□	2'x4' LED LUMINAIRE, CEILING MOUNTED.
▨	2'x4' LED LUMINAIRES WITH TWO LED STRIPS ON NORMAL POWER AND ONE LED STRIP ON EMERGENCY POWER.
⊕	CEILING MOUNTED LED DOWNLIGHT.
⊕	WALL MOUNTED LED DOWNLIGHT.
3	S.P.S.T. SWITCH ('3' DENOTES THREE-WAY SWITCH, 'M' DENOTES MOTION SENSING TYPE).
D	1000W, 120V LED DIMMER.
M	MOTION SENSOR SIMPLE POLE SWITCH.
⊕	LIGHTING CONTROL OCCUPANCY SENSOR
⊕	EXIT LIGHT COMPLETE WITH DIRECTIONAL ARROW AS SHOWN.
⊕	EMERGENCY LIGHTING BATTERY C/W DUAL LIGHT HEADS.
⊕	EMERGENCY LIGHTING REMOTE DUAL LIGHT HEADS.
⊕	15A,120V DUPLEX RECEPTACLE FED FROM NORMAL POWER CIRCUIT.
⊕	COMBINED 15A,120V DUPLEX RECEPTACLE AND USB PORT FOR CHARGER.
⊕	15A,120V NORMAL POWER GROUNDED SPLIT DUPLEX GFI RECEPTACLE FED FROM A 15A, 2P CIRCUIT.
⊕	15A,120V NORMAL POWER RECEPTACLE FOR TV.
⊕	15A,120V DOUBLE DUPLEX RECEPTACLE FED FROM NORMAL POWER CIRCUIT.
⊕	15A,120V DUPLEX RECEPTACLE FED FROM EMERGENCY POWER CIRCUIT.
⊕	15A,120V DOUBLE DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER AND FED FROM EMERGENCY POWER.
G	15A,120V DUPLEX RECEPTACLE FED FROM EMERGENCY POWER FOR GLUCO METER.
HK	15/20A, 120V, 1Ø GROUNDED DUPLEX RECEPTACLE FOR "HOUSEKEEPING".
■	LIGHTING OR RECEPTACLE PANEL
⊕	120V, 1P OUTLET AS NOTED ('C' DENOTES FOR DIGITAL CLOCK).
⊕	208V, 1P OUTLET AS NOTED.
M	15 A, 120 V EMERGENCY POWER OUTLET IN CEILING SPACE FOR MECHANICAL CONTROLS
PT	15A, 120V/24V EMERGENCY POWER OUTLET FOR PAPER TOWEL DISPENSER C/W TRANSFORMER. SEE ALSO DETAIL 6/E12.
S	15A, 120 V EMERGENCY POWER OUTLET FOR ELECTRONIC SINK
ED	15A, 120V EMERGENCY POWER OUTLET FOR "ELECTRICAL DOOR OPERATOR" & C/W 3/4" CONDUIT TO 2 REMOTE PUSH BUTTONS
C	15A, 120V EMERGENCY POWER OUTLET FOR CLOCK.
⊕	600V, 3Ø, 3W ELECTRIC HEATER
⊕	WALL MOUNTED PUSH BUTTON FOR ELECTRICALLY OPERATED DOOR. PROVIDE FLUSH 2 GANG BOX AT 4" A.F.F. C/W 3 #12-1/2" TO ELECTRIC OPERATOR.
⊕	CEILING MOUNTED SMOKE DETECTOR CONNECT TO EXISTING F/A ZONE.
⊕	FIRE ALARM DUCT TYPE SMOKE DETECTOR.
⊕	EVAC CEILING SPEAKER C/W FIRE ALARM STROBE LIGHT.
⊕	EVAC CEILING SPEAKER
⊕	MAGNETIC DOOR HOLD OPEN DEVICE.
FA	PRE-ACTION SPRINKLER SYSTEM TO FIRE ALARM SYSTEM CONNECTION.
▷	TELEPHONE/DATA OUTLET CONSISTING OF A FLUSH 1 GANG BOX C/W 2 Ø 'RJ-45' DATA JACKS.
▷	WALL TELEPHONE OUTLET CONSISTING OF A FLUSH 1 GANG BOX C/W 1 Ø 'RJ-12' VOICE JACK.
⊕	NURSE CALL SYSTEM CARDIAC ARREST STATION.
⊕	MASTER CLOCK SYSTEM DIGITAL CLOCK.
⊕	ACCESS CONTROL SYSTEM CARD READER.
⊕	ACCESS CONTROL SYSTEM DOOR ALARM CONTACT.
⊕	ACCESS CONTROL SYSTEM ELECTRIC STRIKE.
⊕	ACCESS CONTROL SYSTEM MAGNETIC LOCK.
⊕	ACCESS CONTROL SYSTEM MOTION SENSOR.
⊕	CCTV CAMERA (CEILING MOUNTED).
⊕	360° VIEW CCTV DOME CAMERA (CEILING MOUNTED).
⊕	CCTV MONITOR (WALL MOUNTED).
⊕	DOOR LOCKING DEVICE.
⊕	CODE WHITE RECEIVER C/W REMOTE ALARM LIGHT
⊕	AUDIO VISUAL NURSE CALL PATIENT STATION.
▷	SINGLE DATA JACK IN FLUSH 1 GANG BOX FOR CLOCK BRIDGE SYNC.
⊕	15A, 120V GROUNDED DOUBLE DUPLEX RECEPTACLE FED FROM EMERGENCY POWER AND MOUNTED AT 6'-0" AFF.

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2024-06-04	ISSUED FOR CD SIGN OFF	1
2024-11-12	ISSUED FOR PERMIT & TENDER	2

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Project Manager
D. WITALEC

Project Leader
S.S.

Client
Sunnybrook
HEALTH SCIENCES CENTRE
2075 Bayview Ave., Toronto, ON, M4N 3M5

Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title
LEGEND, DETAILS & DRAWING LIST

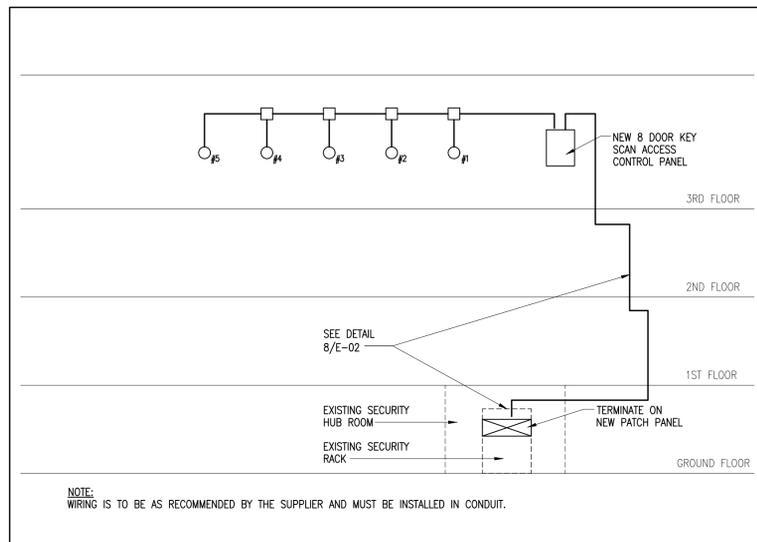
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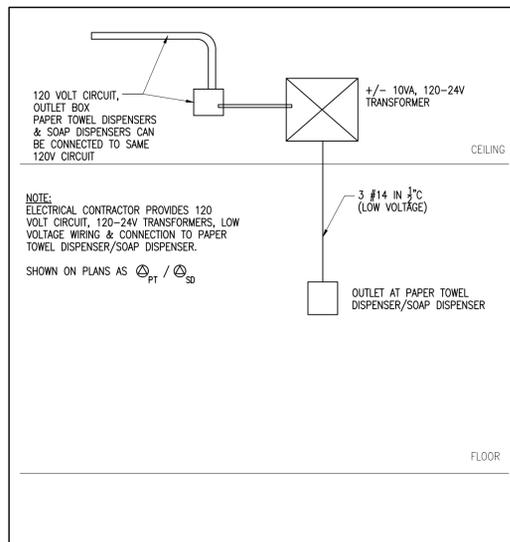
Project No. ONBL22-0011
2222219

Drawing No. E-01

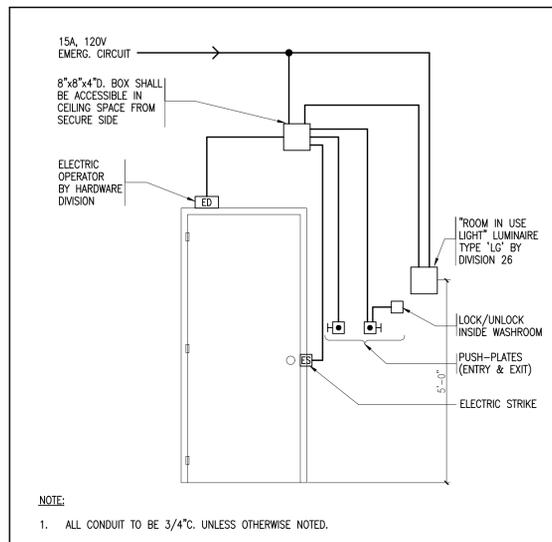
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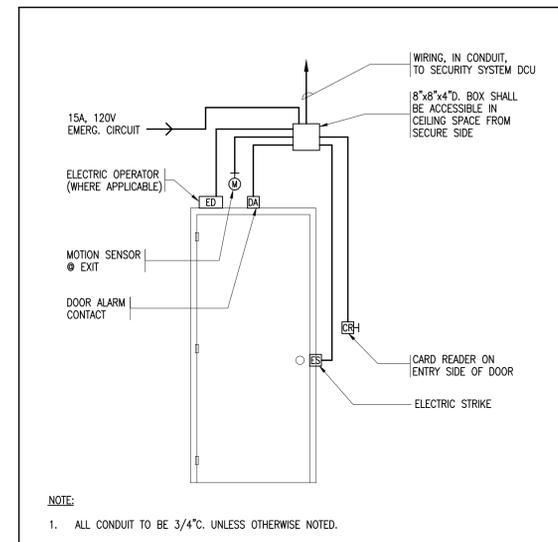
4 ACCESS CONTROL WIRING SCHEMATIC
E-02 N.T.S.



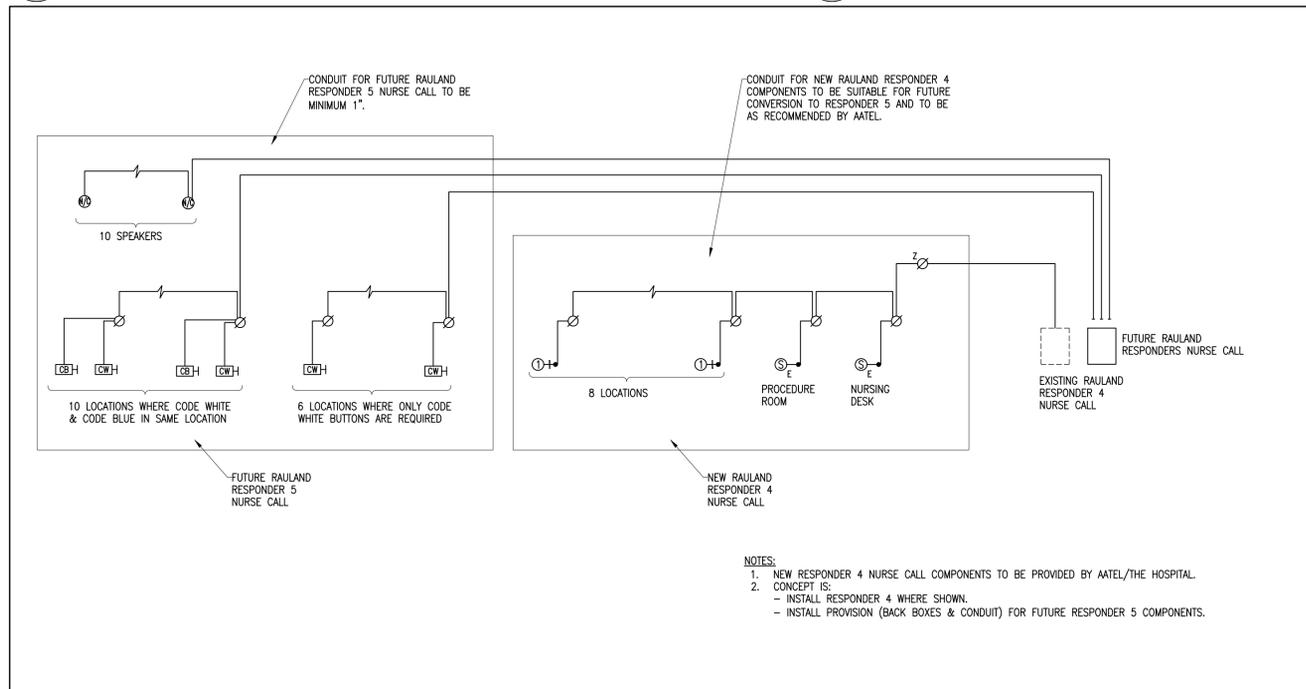
6 DETAIL OF WIRING TO PAPER DISPENSERS & SOAP DISPENSER
E-02 N.T.S.



2 SECURITY DOOR (HANDICAP WASHROOM)
E-02 N.T.S.

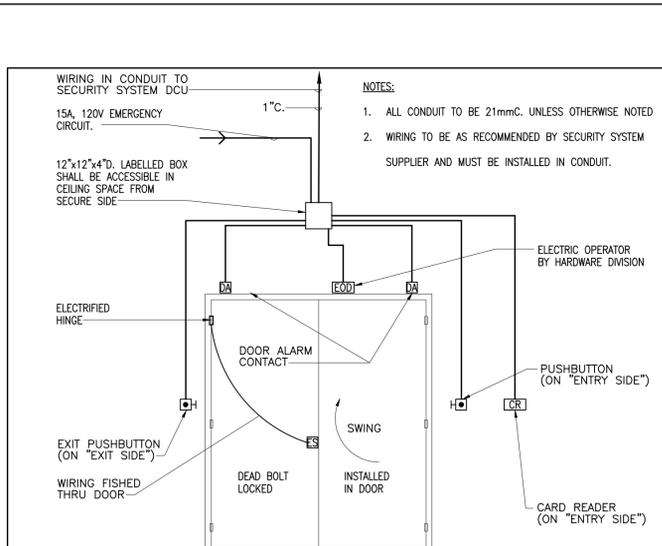


1 SECURITY DOOR 'A'
E-02 N.T.S.

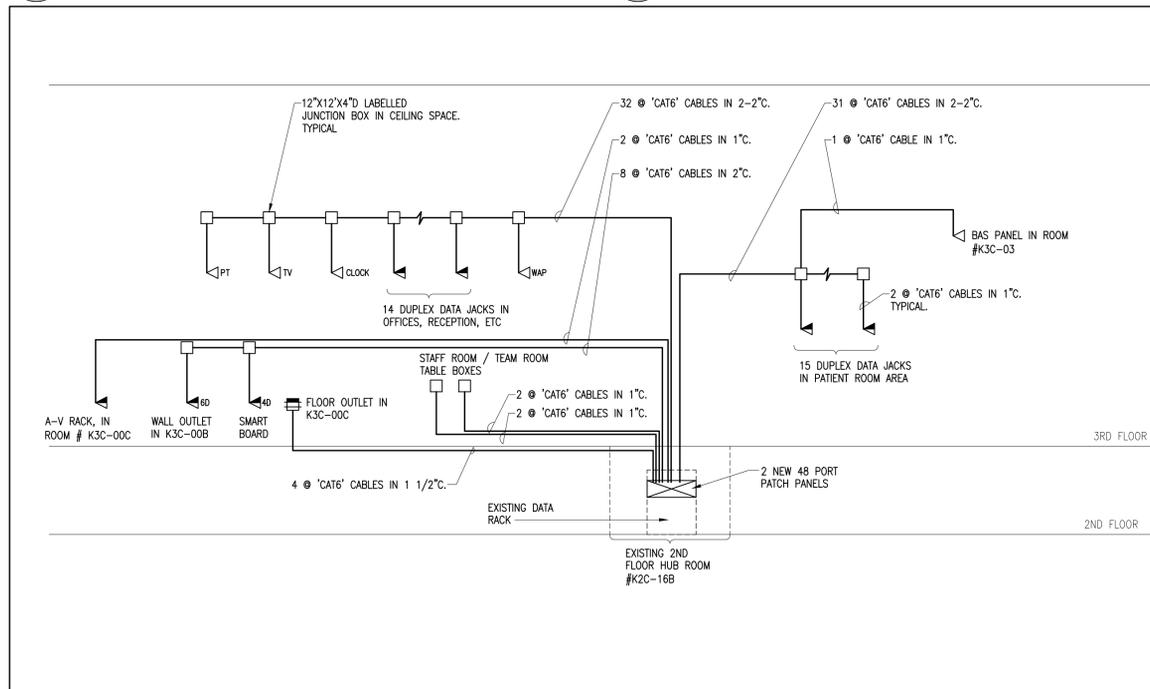


NOTE RE: NURSE CALL:
THE CURRENT K WING, 3RD FLOOR, CENTRE AREA IS EQUIPPED WITH A RAULAND RESPONDER 4 AUDIO VISUAL NURSE CALL SYSTEM. THIS SYSTEM IS EXPECTED TO BE REPLACED WITH A NEW RESPONDER 5 SYSTEM AT SOME POINT (MAYBE DURING THE HEMATOLOGY RENOVATION, POSSIBLY AFTER THE RENOVATION)
THE INTENT OF THE NURSE CALL INSTALLATION ARE AS FOLLOWS:
- FOR OFFICE AREA COMPONENTS, NOT COMPATIBLE WITH THE CURRENT RESPONDER 4 SYSTEM (CODE WHITE, CODE BLUE & PAGING), INSTALL THE OUTLETS AND WIRING ONLY TO THE EXISTING ELECTRICAL CLOSET SUITABLE FOR CONNECTION TO THE FUTURE RESPONDER 5 SYSTEM
- FOR PATIENT AREA COMPONENTS, COMPATIBLE WITH THE EXISTING RESPONDER 4 SYSTEM (PATIENT STATIONS, STAFF STATIONS, DOME LIGHTS), INSTALL RESPONDER 4 COMPONENTS (THESE WILL BE SUPPLIED BY THE HOSPITAL FOR INSTALLATION BY THE CONTRACTOR) COMPLETE WITH WIRING TO, AND CONNECTION AT, THE EXISTING RESPONDER 4 NURSE CALL PANEL. THE PROPOSED RESPONDER 4 COMPONENTS ARE STORED IN THE 1ST FLOOR K WING CENTRE ELECTRICAL CLOSET AND THE CONTRACTOR IS TO RETRIEVE THEM FROM THAT LOCATION.
- NOTE THAT THE RESPONDER 4 COMPONENTS WILL BE REPLACED BY THE HOSPITAL WITH THE RESPONDER 5 COMPONENTS IN FUTURE AND, THEREFORE, OUTLET BOXES AND WIRING MUST BE COMPATIBLE WITH BOTH THE PRESENT RESPONDER 4 COMPONENTS AND THE FUTURE RESPONDER 5 COMPONENTS
- AS IT POSSIBLE THAT THE NEW RESPONDER 5 COMPONENT REPLACEMENT MAY OCCUR DURING THIS INSTALLATION, THE CONTRACTOR SHALL:
o ASSUME THE HOSPITAL MAY PROVIDE RESPONDER 5 NURSE CALL COMPONENTS INSTEAD OF RESPONDER 4 FOR THIS CONTRACTOR TO INSTALL FOR THE NURSE CALL SYSTEM (PATIENT STATIONS, STAFF STATIONS & DOME LIGHTS ONLY) COMPLETE WITH WIRING TO THE ELECTRICAL CLOSET
o FOR THE NURSE CALL COMPONENTS, IDENTIFY AN ALTERNATE PRICE (#1) IN THE BID (INCLUDED BUT COULD BE DELETED) FOR THE INSTALLATION OF RESPONDER 4 COMPONENTS (NOT INCLUDING OUTLET BOXES & WIRING) TO PERMIT THE HOSPITAL TO HAVE THESE COMPONENTS INSTALLED BY OTHERS.
o FOR THE OFFICE AREA COMPONENTS, IDENTIFY AN ALTERNATE PRICE (#2) IN THE BID FOR THIS CONTRACTOR TO RECEIVE THESE COMPONENTS (CODE WHITE BUTTONS, CODE BLUE BUTTONS, SPEAKERS, ETC) FROM THE HOSPITAL AND TO INSTALL THESE COMPONENTS

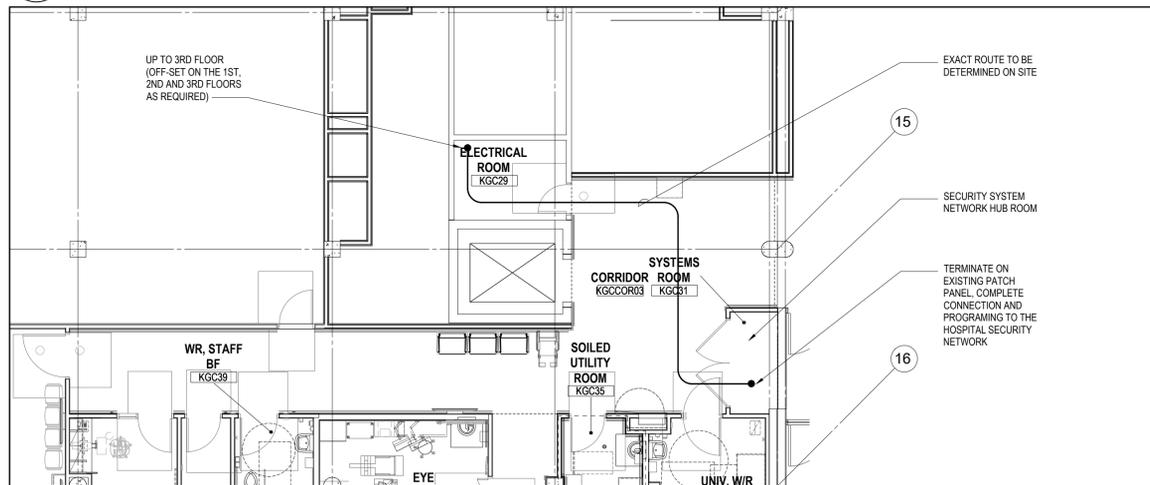
5 NURSE CALL RISER
E-02 N.T.S.



3 SECURITY DOOR TYPE 'B' - MAIN ENTRY
E-02 N.T.S.



7 DATA SYSTEM CABLING SCHEMATIC
E-02 N.T.S.



8 PART PLAN 'K' WING GROUND FLOOR
E-02 1/8"=1'-0"

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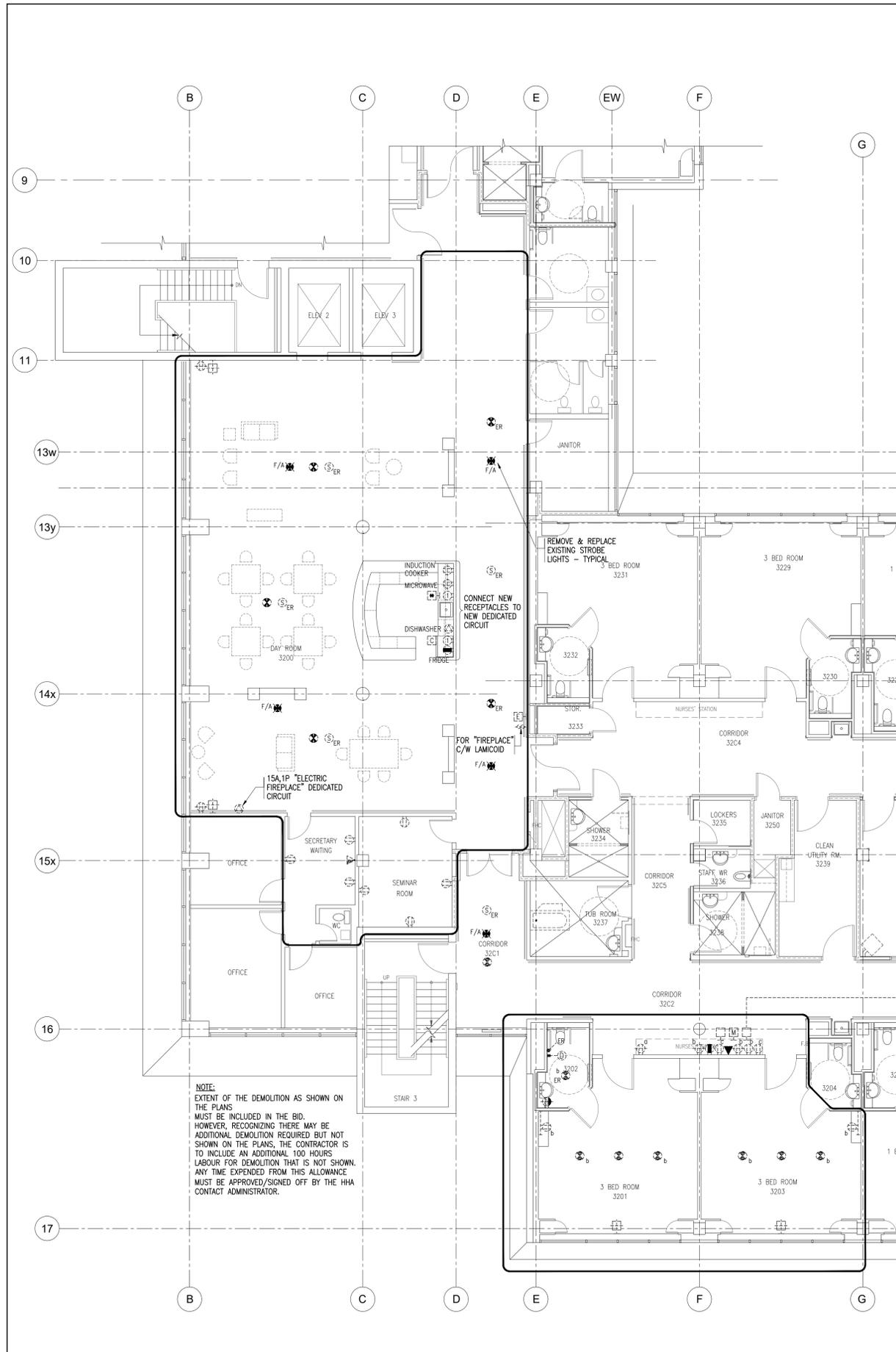
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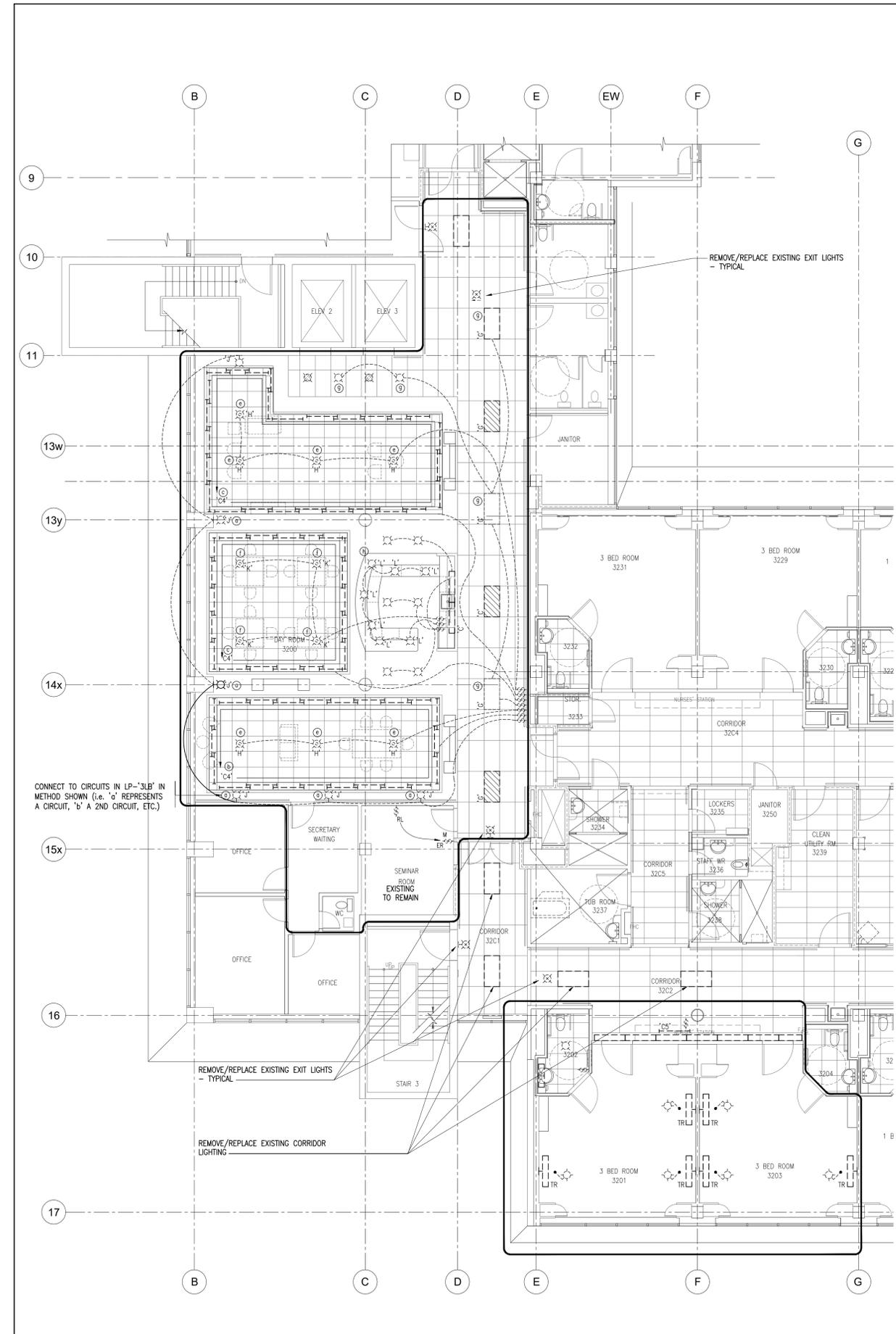
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Project Manager D. WITALEC	Drawn W.A.
Project Leader S.S.	Checked S.S.
Client Sunnybrook HEALTH SCIENCES CENTRE 2075 Bayview Ave., Toronto, ON, M4N 3M5	
Project SUNNYBROOK HEALTH SCIENCE CENTRE K WING - HEMATOLOGY	
Drawing Title DETAILS	
ELECTRICAL	
Check Scale (may be photo reduced) 0 1 inch 0 10mm	
Project No. ONBL22-0011 2222219	Scale: AS NOTED
Drawing No. E-02	



1 PART PLAN 3RD FLOOR POWER & SYSTEMS DEMOLITION PLAN
E-03 1/8"=1'-0"



2 PART PLAN 3RD FLOOR LIGHTING DEMOLITION PLAN
E-03 1/8"=1'-0"

DATE	ISSUED FOR	REV
2024-06-04	ISSUED FOR CD SIGN OFF	1
2024-11-12	ISSUED FOR PERMIT & TENDER	2

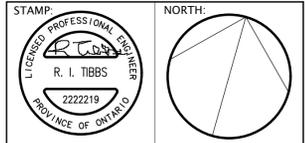


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Keyplan



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Project Manager D. WITALEC	Drawn W.A.
Project Leader S.S.	Checked S.S.



Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

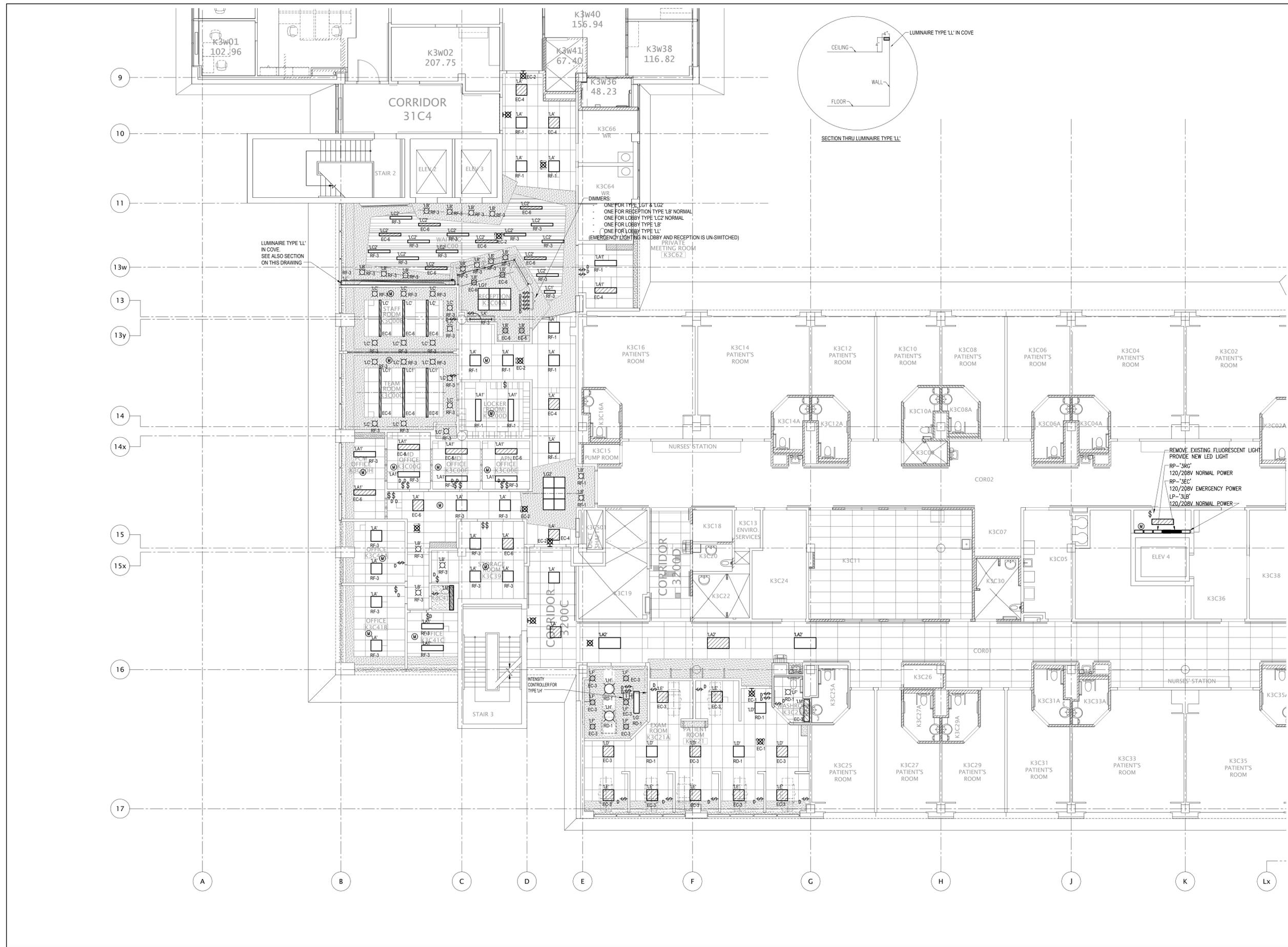
Drawing Title
PART PLAN 3RD FLOOR
ADMINISTRATIVE AND OFFICES AREA
DEMOLITION PLAN

ELECTRICAL

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

Project No. ONBL22-0011
2222219 Scale: AS NOTED

Drawing No. E-03



1 PART PLAN 3RD FLOOR LIGHTING PLAN
E-04 1/8"=1'-0"

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Project Manager: D. WITALEC
 Drawn: W.A.
 Project Leader: S.S.
 Checked: S.S.

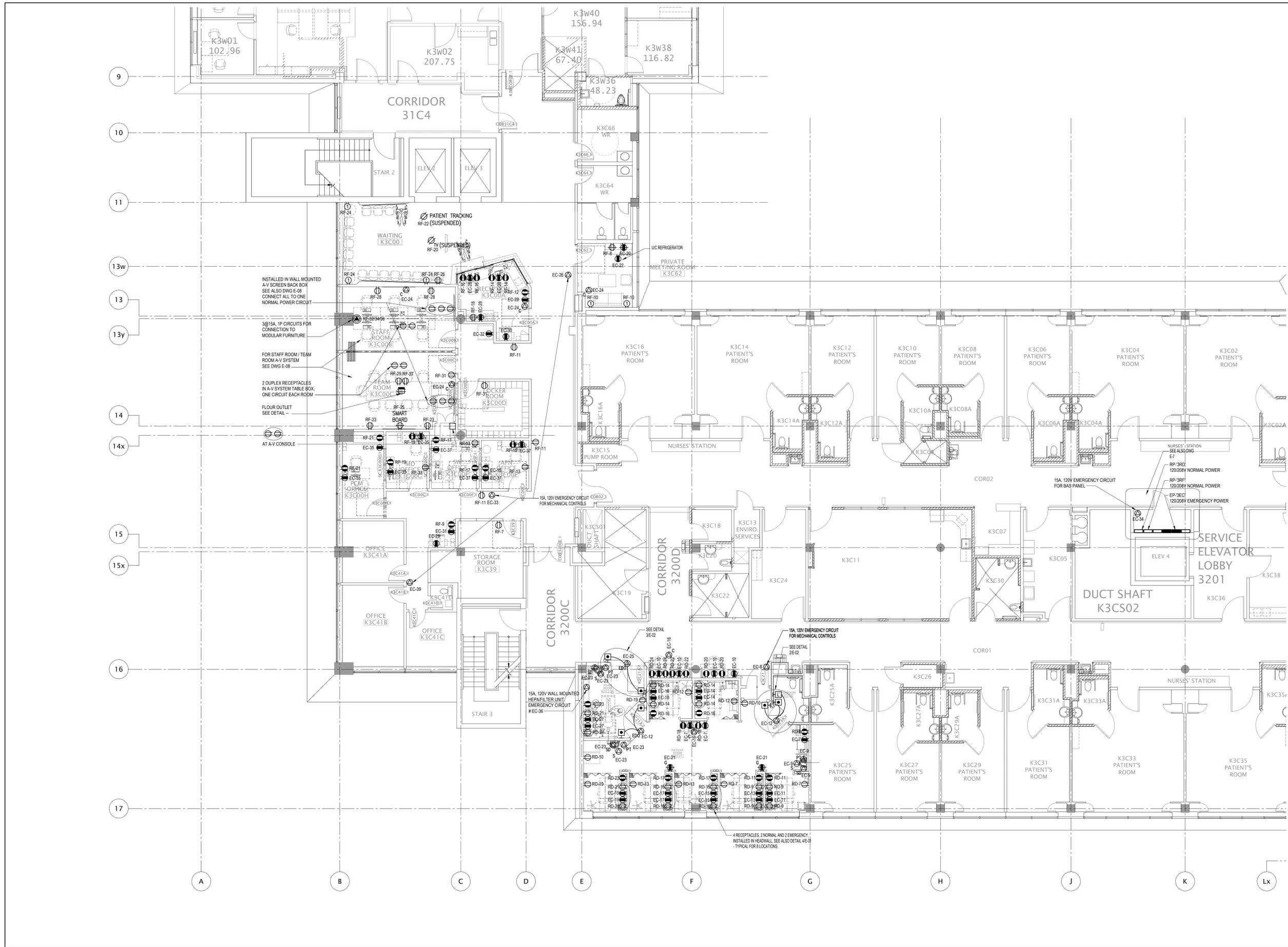
Client: **Sunnybrook** HEALTH SCIENCES CENTRE
 2075 Bayview Ave., Toronto, ON, M4N 3M5

Project: SUNNYBROOK HEALTH SCIENCE CENTRE K WING - HEMATOLOGY

Drawing Title: PART PLAN 3RD FLOOR ADMINISTRATIVE AND OFFICES AREA LIGHTING PLAN

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

Project No. ONBL22-0011 2222219 Scale: AS NOTED
 Drawing No. E-04



1 PART PLAN 3RD FLOOR POWER PLAN
 E-05 1/8"=1'-0"

DATE	ISSUED FOR	REV
2024-06-04	ISSUED FOR CD SIGN OFF	1
2024-11-12	ISSUED FOR PERMIT & TENDER	2

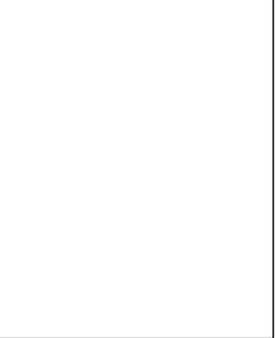


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Project Manager D. WITALEC	Drawn W.A.
Project Leader S.S.	Checked S.S.

Client

SUNNYBROOK HEALTH SCIENCES CENTRE
 2075 Bayview Ave., Toronto, ON, M4N 3M5

Project
 SUNNYBROOK HEALTH SCIENCE CENTRE
 K WING - HEMATOLOGY

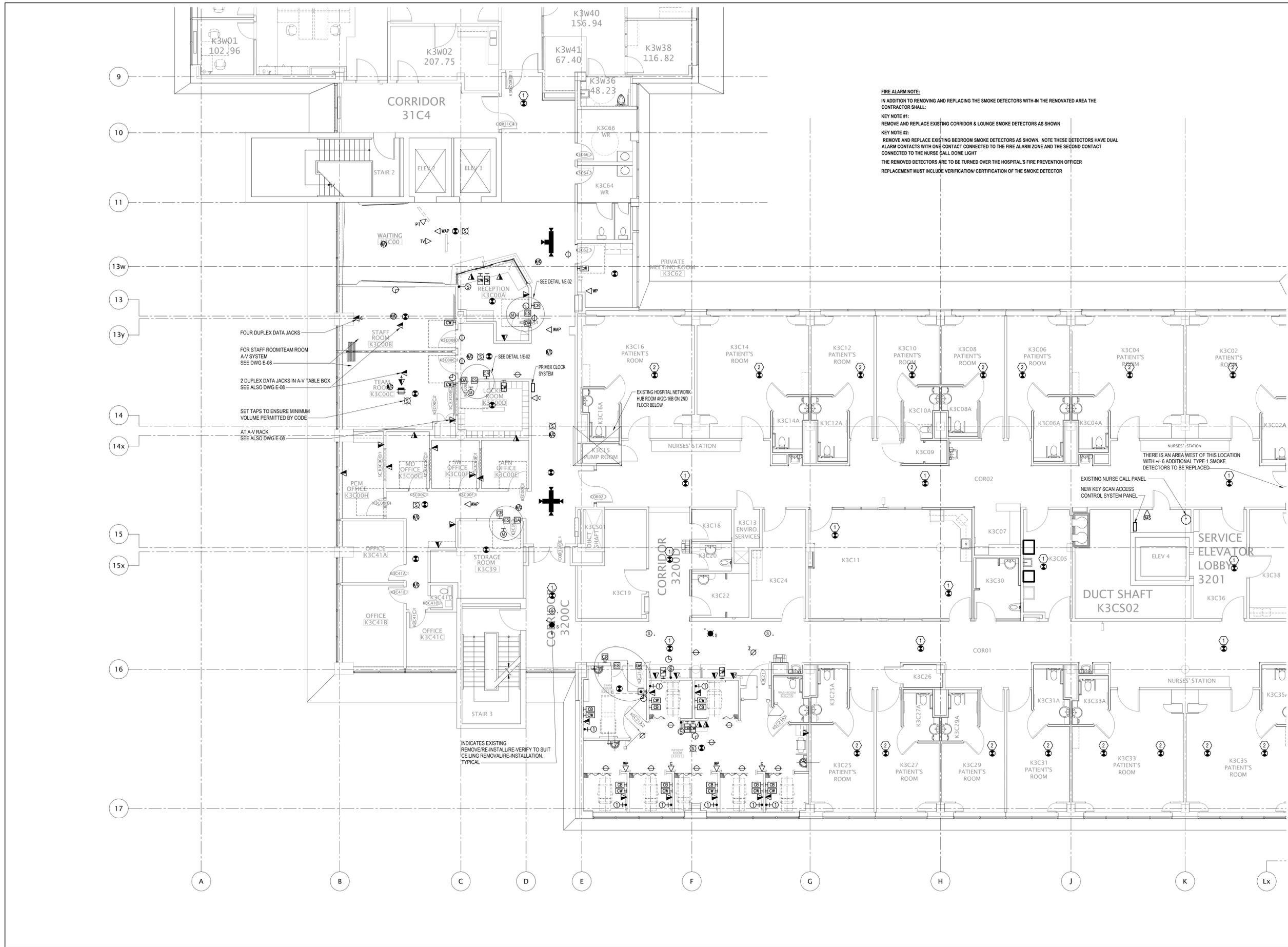
Drawing Title
 PART PLAN 3RD FLOOR
 ADMINISTRATIVE AND OFFICES AREA
 POWER PLAN

ELECTRICAL

Check Scale (may be photo reduced)

Project No. ONBL22-0011 2222219 Scale: AS NOTED

Drawing No. E-05



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2024-11-12	ISSUED FOR PERMIT & TENDER	2



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Keyplan

STAMP: PROFESSIONAL ENGINEER
R. I. TIBBS
2222219
PROVINCE OF ONTARIO

NORTH: [North Arrow]

NORR
ARCHITECTS ENGINEERS PLANNERS

NORR Limited
An Ingenium Group Company

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Project Manager D. WITALEC	Drawn W.A.
Project Leader S.S.	Checked S.S.

Client

2075 Bayview Ave., Toronto, ON, M4N 3M5

Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title
PART PLAN 3RD FLOOR
ADMINISTRATIVE AND OFFICES AREA
SYSTEMS PLAN

ELECTRICAL

Check Scale (may be photo reduced)

Project No. ONBL22-0011
2222219

Scale: AS NOTED

Drawing No.
E-06

1 PART PLAN 3RD FLOOR SYSTEMS PLAN
E-06 1/8"=1'-0"



2 ELEVATION OF EXISTING ELECTRICAL CLOSET
E-07 N.T.S.



3 TYPICAL NEW PANEL WIDTH
E-07 N.T.S.



4 TYPICAL NEW PANEL OVERALL VIEW
E-07 N.T.S.

NOTES:
PICTURE DOES NOT SHOW PANEL TRIM COLOUR CODING (ORANGE FOR EMERGENCY POWER, BLUE FOR EMERGENCY POWER) HOWEVER, THE COLOUR CODE IS REQUIRED AS PER SPECIFICATION.



7 TYPICAL REPLACEMENT DETAIL
E-07 N.T.S.

NOTES RE: ELECTRICAL PANEL REPLACEMENT

REPLACE EXISTING PANELS AS FOLLOWS:

DISCONNECT AND REMOVE ANY/ ALL EXISTING CIRCUITS NO LONGER REQUIRED BASED ON THE RENOVATION

1. REPLACE EXISTING LP-'3LB', BEING A 30 CIRCUIT, 120/208 VOLT, 3 PHASE, 4 WIRE PANEL, BY DISCONNECTING EXISTING FEEDS, REMOVING EXISTING PANEL INTERIOR, INSTALLING NEW LP-'3LB', PROVIDE NEW LP-'3LB' BEING A SURFACE MOUNTED, 42 CIRCUIT, 200 AMP, 120/208V, 3P, 4W PANEL.
2. REPLACE EXISTING RP-'3RD', BEING A 42 CIRCUIT, 120/208 VOLT, 3 PHASE, 4 WIRE PANEL, BY DISCONNECTING EXISTING FEEDS, REMOVING EXISTING PANEL INTERIOR, INSTALLING NEW RP-'3RD', PROVIDE NEW RP-'3RD' BEING A SURFACE MOUNTED, 74 CIRCUIT, 200 AMP, 120/208V, 3P, 4W PANEL.
3. REPLACE EXISTING RP-'3RF', BEING A 42 CIRCUIT, 120/208 VOLT, 3 PHASE, 4 WIRE PANEL, BY DISCONNECTING EXISTING FEEDS, REMOVING EXISTING PANEL INTERIOR, INSTALLING NEW RP-'3RF', PROVIDE NEW RP-'3RF' BEING A SURFACE MOUNTED, 74 CIRCUIT, 200 AMP, 120/208V, 3P, 4W PANEL.
4. REPLACE EXISTING RP-'3RG', BEING A 42 CIRCUIT, 120/208 VOLT, 3 PHASE, 4 WIRE PANEL, BY DISCONNECTING EXISTING FEEDS, REMOVING EXISTING PANEL INTERIOR, INSTALLING NEW RP-'3RG', PROVIDE NEW RP-'3RG' BEING A SURFACE MOUNTED, 74 CIRCUIT, 200 AMP, 120/208V, 3P, 4W PANEL.
5. REPLACE EXISTING EP-'3EC', BEING A 42 CIRCUIT, 120/208 VOLT, 3 PHASE, 4 WIRE PANEL, BY DISCONNECTING EXISTING FEEDS, REMOVING EXISTING PANEL INTERIOR, INSTALLING NEW EP-'3EC', PROVIDE NEW EP-'3EC' BEING A SURFACE MOUNTED, 74 CIRCUIT, 200 AMP, 120/208V, 3P, 4W PANEL.
6. REPLACE EXISTING EP-'3ED', BEING A 42 CIRCUIT, 120/208 VOLT, 3 PHASE, 4 WIRE PANEL, BY DISCONNECTING EXISTING FEEDS, REMOVING EXISTING PANEL INTERIOR, INSTALLING NEW EP-'3ED', PROVIDE NEW EP-'3ED' BEING A SURFACE MOUNTED, 74 CIRCUIT, 200 AMP, 120/208V, 3P, 4W PANEL.

NEW REPLACEMENT PANELS:

NEW PANELS SHALL BE SQUARE D 'NARROW' STYLE RETROFIT PANEL C/W A 200 AMP, 3 POLE NON-AUTO MAIN BREAKERS WITH COPPER BUS. PANELS SHALL HAVE 25KA IC RATING AND MUST BE SAME WIDTH AS THE EXISTING PANEL (SEE PICTURE). PROVIDE A NEW SPLITTER, MAIN LUGS AS REQUIRED AND EXTEND/ RE-CONNECT EXISTING 200 AMP FEEDS. RE-WORK EXISTING INSTALLATION AS REQUIRED TO REPLACE THE PANEL. RE-CONNECT ALL EXISTING BRANCH CIRCUITS AND ALL NEW BRANCH CIRCUITS TO NEW BREAKERS IN THE NEW PANEL.

PROVIDE A NEW ISOLATED COPPER GROUND BAR IN EACH PANEL C/W A #6 INSULATED GROUNDING BOND TO THE PANEL TUB.

FOR RP-'3RD', RP-'3RF', RP-'3RG', EP-'3EC' & EP-'3ED' PROVIDE A #6 INSULATED GROUND IN 1" CONDUIT CONNECTION TO EACH OF THE THREE NEW PANELS AND NEW LP-'3LB'.

LEAVE ANY UN-USED BREAKERS IN THE OFF POSITION AND PROVIDE A LOCK-OFF DEVICES.

PANELS ARE ALL NORMAL POWER AND MUST BE COLOUR CODED SAME, AS PER SPEC.

NOTES:

1. INCLUDE THE FOLLOWING ADDITIONAL BRANCH BREAKERS TO BE INSTALLED IN THE ABOVE PANELS, FOR BIDDING PURPOSES ASSUME THE BREAKERS WILL BE INSTALLED ON SITE AT ANY TIME (AFTER PANELS HAVE BEEN INSTALLED & ENERGIZED) AND AS DIRECTED ON SITE. ANY BREAKERS NOT USED SHALL BE TURNED OVER TO THE HOSPITAL:

10 @ 15A, 1P; 5 @ 20A, 1P;

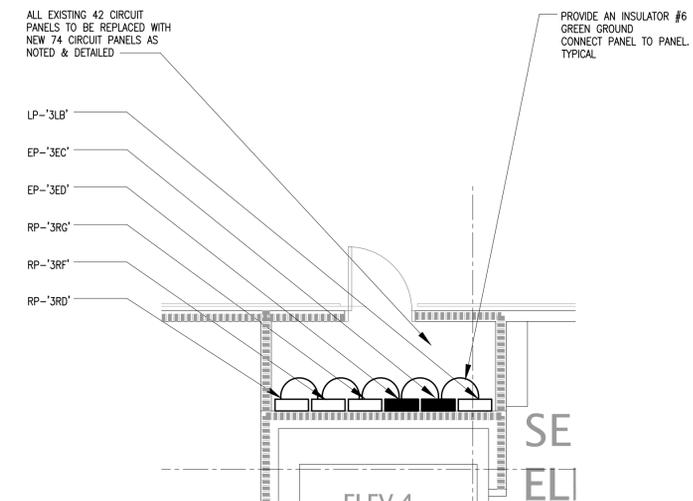
2 @ 15A, 2P; 1 @ 20A, 2P

1 @ 30A, 2P; 1 @ 15A, 3P

1 @ 20A, 3P; 1 @ 30A, 3P

NOTES:

EACH OF THE EXISTING ELECTRICAL PANELS HAVE AN 'ARC FLASH RATING LABEL' WHICH MUST BE REMOVED/RE-ATTACHED (OR REPLACED) ON THE NEW ELECTRICAL PANEL.



1 PLAN OF EXISTING ELECTRICAL ROOM
E-07 1/4"=1'-0"



5 TYPICAL REPLACEMENT PANEL LABELS
E-07 N.T.S.



6 TYPICAL REPLACEMENT PANEL LABELS
E-07 N.T.S.

DATE	ISSUED FOR	REV
2024-06-04	ISSUED FOR CD SIGN OFF	1
2024-11-12	ISSUED FOR PERMIT & TENDER	2

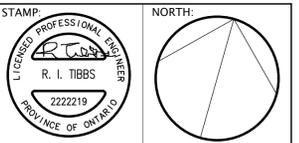


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Keyplan



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Client
Sunnybrook
HEALTH SCIENCES CENTRE
2075 Bayview Ave., Toronto, ON, M4N 3M5

Project
SUNNYBROOK HEALTH SCIENCE CENTRE
K WING - HEMATOLOGY

Drawing Title
ELECTRICAL PANEL
REPLACEMENT
DETAILS

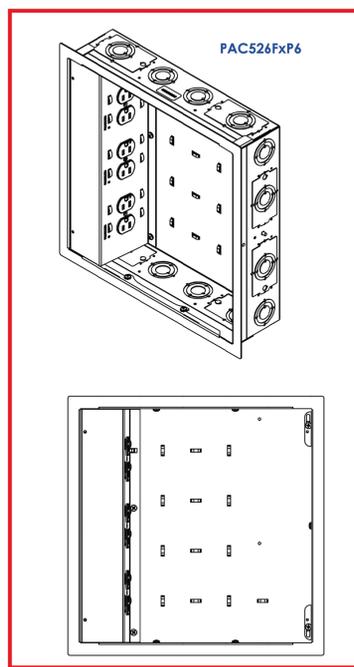
ELECTRICAL

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

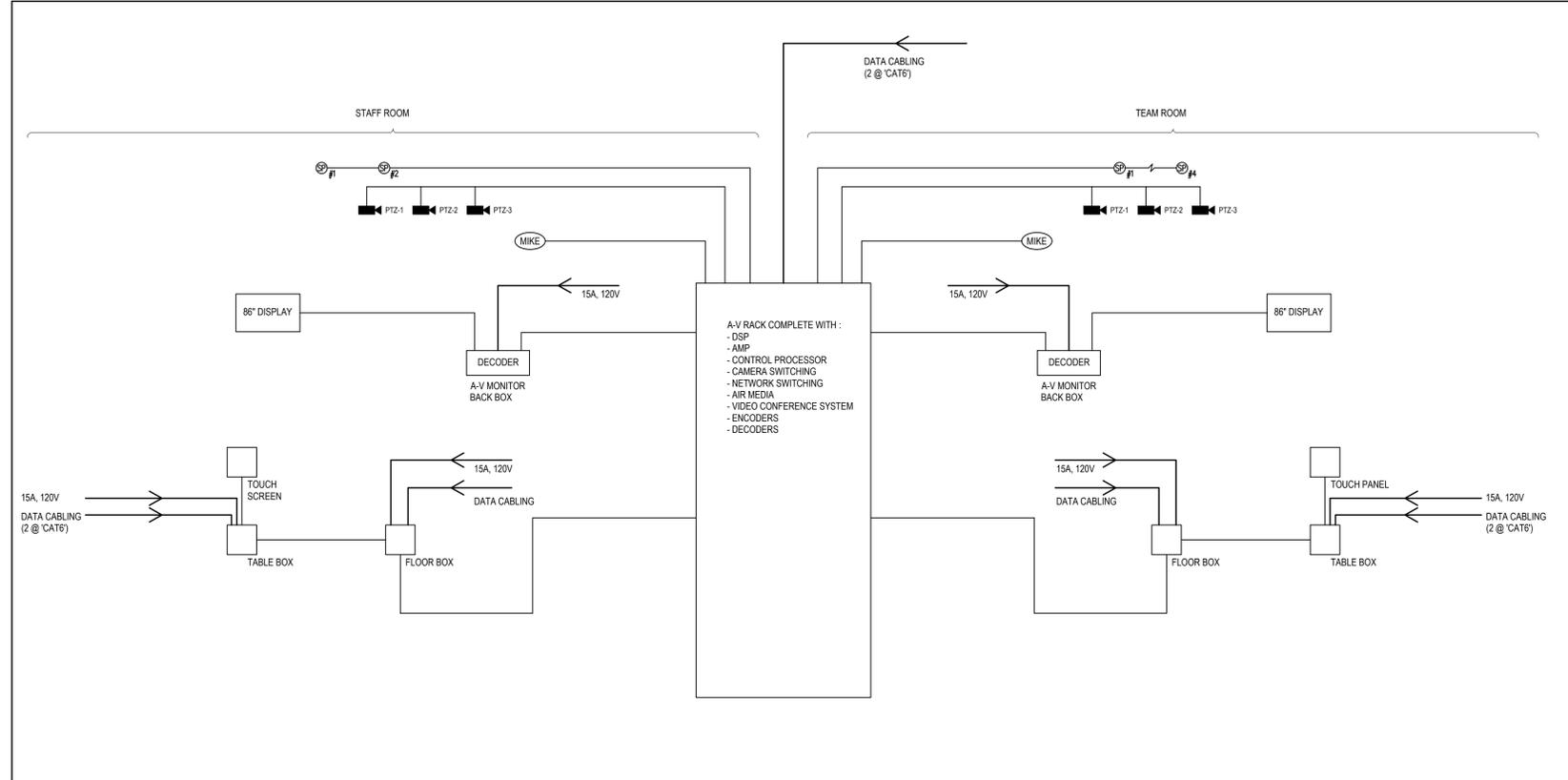
Project No. ONBL22-0011
2222219 Scale: AS NOTED

Drawing No. E-07

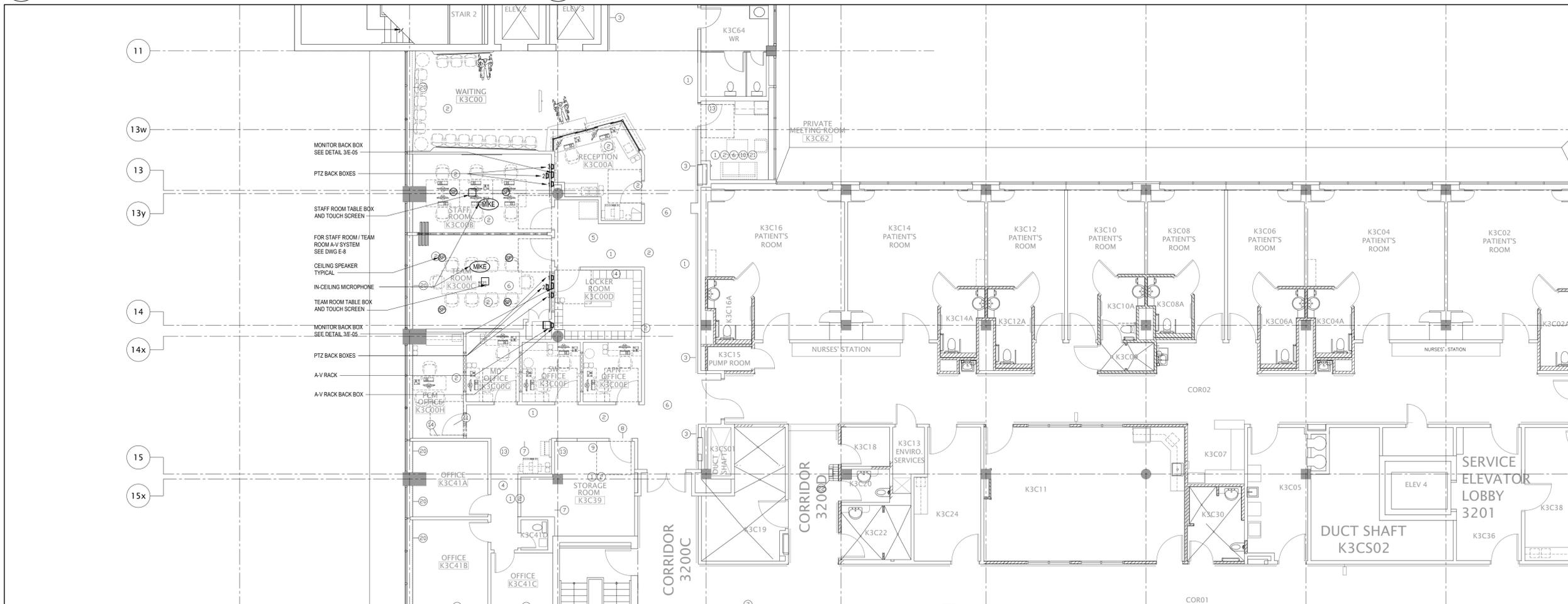
6 7 8
MM 01/26/2016 - RELEASED ON ECO: 500013173



3 A-V SYSTEM DISPLAY BACK BOX
 E-08 N.T.S.



2 A-V SYSTEM WIRING SCHEMATIC
 E-08 N.T.S.



1 STAFF ROOM / TEAM ROOM AUDIO-VISUAL SYSTEM PLAN
 E-8 1/8"=1'-0"

DATE	ISSUED FOR	REV
2024-06-04	ISSUED FOR CD SIGN OFF	1
2024-11-12	ISSUED FOR PERMIT & TENDER	2

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Sunnybrook
 HEALTH SCIENCES CENTRE
 2075 Bayview Ave., Toronto, ON, M4N 3M5

Project
 SUNNYBROOK HEALTH SCIENCE CENTRE
 K WING - HEMATOLOGY

Drawing Title
 STAFF ROOM / TEAM ROOM
 AUDIO VISUAL (A-V) SYSTEM

ELECTRICAL

Check Scale (may be photo reduced)

Project No. ONBL22-0011 2222219	Scale: AS NOTED
Drawing No. E-08	