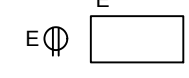


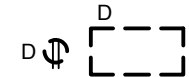


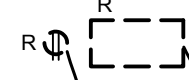


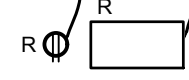
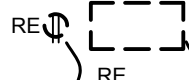
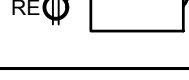
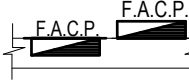
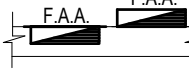
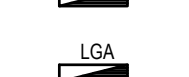


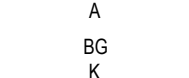


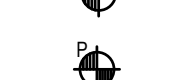
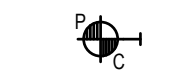

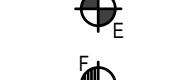

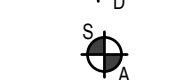

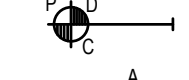
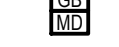
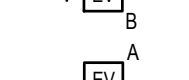
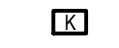
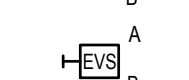




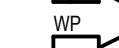



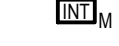

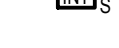








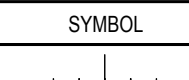


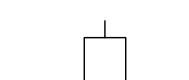

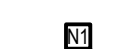


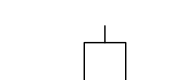
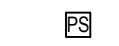

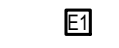


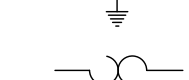




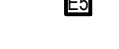
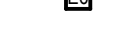




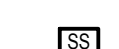












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ELECTRICAL SYMBOL LIST

GENERAL DEMOLITION SYMBOLS		LIGHTING SYMBOLS		COMMUNICATIONS SYMBOLS		DRAWING LIST	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	DRAWING No.	DRAWING TITLE
	EXISTING ITEM TO REMAIN AS INSTALLED.		GROUND FAULT RELAY c/w CONTROL TRANSFORMER		PAGING/MONITORING SPEAKER - SURFACE MOUNTED	E-000	ELECTRICAL SYMBOLS AND SHEET LIST
	EXISTING ITEM TO BE DELETED. REMOVE ALL EXISTING WIRING, CONDUIT, ETC. BACK TO ITS SOURCE. MAINTAIN CIRCUIT CONTINUITY DOWNSTREAM.		GROUND BUS		PAGING/MONITORING SPEAKER - WALL MOUNTED	E-001	ELECTRICAL SYMBOLS AND OVERALL KEYPLAN
	EXISTING ITEM ON DEMOLITION PLANS TO BE RELOCATED. EXTEND EXISTING WIRING IN CONDUIT TO NEW LOCATION AND CONNECT COMPLETE.		KIRK KEY INTERLOCK		WALL MOUNTED MASTER CONTROLLED CLOCK, SINGLE FACE	E-201	BLOCK 2D - LEVEL 2 - LIGHTING PLAN - DEMOLITION
	EXISTING ITEM IN ITS RELOCATED POSITION ON NEW WORK PLANS.	LIGHTING SYMBOLS		POWER SYMBOLS		E-202	BLOCK 2D - LEVEL 2 - POWER & COMMUNICATION PLAN - DEMOLITION
	EXISTING ITEM ON DEMOLITION WORK PLANS TO BE REPLACED BY A NEW DEVICE. EXTEND WIRING AS REQUIRED.	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	E-203	BLOCK 2D - LEVEL 2 - FIRE ALARM - DEMOLITION
	EXISTING ITEM ON NEW WORK PLANS TO BE REPLACED BY A NEW DEVICE. EXTEND WIRING AS REQUIRED.					E-204	BLOCK 2D - LEVEL 2 - NURSE CALL, COMMUNICATION, CCTV, SECURITY, ACS & REAL TIME LOCATION SYSTEM PLAN - DEMOLITION
FIRE ALARM SYMBOLS		COMMUNICATIONS SYMBOLS		DRAWING LIST		E-301	BLOCK 2D - LEVEL 2 - LIGHTING PLAN - NEW
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	POWER SYMBOLS		E-401	BLOCK 2D - LEVEL 2 - POWER & COMMUNICATION PLAN - NEW
	RECESSED OR SURFACE MOUNTED FIRE ALARM CONTROL PANEL.			POWER SYMBOLS		E-501	BLOCK 2D - LEVEL 2 - FIRE ALARM PLAN - NEW
	RECESSED OR SURFACE MOUNTED FIRE ALARM ANNUNCIATOR PANEL.			POWER SYMBOLS		E-502	BLOCK 2D - LEVEL 2 - NURSE CALL, COMMUNICATION, CCTV, SECURITY, ACS & REAL TIME LOCATION SYSTEM PLAN - NEW
	FIRE ALARM SYSTEM TRANSPONDER PANEL.			POWER SYMBOLS		E-800	ELECTRICAL RISER DIAGRAM AND DETAILS
	FIRE ALARM SYSTEM LOCAL GRAPHIC ANNUNCIATOR PANEL.			POWER SYMBOLS		E-801	ELECTRICAL RISER DIAGRAM AND DETAILS
	FIRE ALARM PULL STATION MOUNTED 4'-0" (1200) ABOVE FINISHED FLOOR LEVEL UNLESS OTHERWISE NOTED.			POWER SYMBOLS		E-802	ELECTRICAL RISER DIAGRAM AND DETAILS
	SIMILAR TO ABOVE, EXCEPT "C" WHERE SHOWN, DENOTES DEVICE c/w CLEAR GUARD. "WG" WHERE SHOWN, DENOTES DEVICE c/w WIRE GUARD. "EX" WHERE SHOWN, DENOTES EXPLOSION PROOF. "A" WHERE SHOWN, DENOTES DEVICE c/w AUXILIARY CONTACTS FOR CONNECTION TO MAG-LOCK ELEVATOR CONTROL.			POWER SYMBOLS		E-900	LUMINAIRE SCHEDULE
	"B" WHERE SHOWN, DENOTES "BREAK GLASS" TYPE "K" WHERE SHOWN, DENOTES DEVICE c/w KEY RESET "ML" WHERE SHOWN, DENOTES DEVICE c/w AUXILIARY CONTACTS FOR MAG-LOCK			POWER SYMBOLS		E-901	PANEL SCHEDULES
	AUTOMATIC HEAT DETECTOR 15°F (8.3°C) RATE OF RISE AND FIXED TEMPERATURE TYPE 135°F (57°C) RATED AT 2500 FT ² (232m ²) COVERAGE.			POWER SYMBOLS		SECURITY SYMBOLS	
	AUTOMATIC HEAT DETECTOR, FIXED TEMPERATURE TYPE 135°F (57°C) RATED 625ft ² (58m ²) COVERAGE.			POWER SYMBOLS		SYMBOL	DESCRIPTION
	AUTOMATIC HEAT DETECTOR, FIXED TEMPERATURE TYPE 200°F (93.3°C) RATED 625ft ² (58m ²) COVERAGE.			POWER SYMBOLS			DURESS ALARM INTERCOM STATION
	PRODUCTS OF COMBUSTION DETECTOR IONIZATION CEILING MOUNTED TYPE.			POWER SYMBOLS			SECURITY SYSTEM DOOR ALARM CONTACTS, RECESSED IN DOOR AND FRAME.
	PRODUCTS OF COMBUSTION DETECTOR IONIZATION WALL MOUNTED TYPE.			POWER SYMBOLS			SECURITY SYSTEM CARD READER OUTLET
	PRODUCTS OF COMBUSTION DETECTOR PHOTO ELECTRIC CEILING MOUNTED TYPE.			POWER SYMBOLS			SECURITY SYSTEM COMBINATION GLASS BREAKMOTION DETECTOR
	FLAME DETECTOR CEILING MOUNTED TYPE.			POWER SYMBOLS			SECURITY SYSTEM DISARMING KEYPAD
	SMOKE ALARM.			POWER SYMBOLS			CEILING OR WALL MOUNTED CLOSED CIRCUIT TELEVISION PAN/TILT/ZOOM CAMERA FOR SECURITY SYSTEM. "WP" DENOTES ENVIRONMENTAL HOUSING. "VP" DENOTES VANDAL PROOF HOUSING.
	PRODUCTS OF COMBUSTION DETECTOR, DUCT TYPE WITH SAMPLING TUBES.			POWER SYMBOLS			CEILING OR WALL MOUNTED CLOSED CIRCUIT TELEVISION CAMERA FOR SECURITY SYSTEM. "TH" DENOTES THERMAL.
	WALL MOUNTED EMERGENCY VOICE COMMUNICATION (EVC) SYSTEM SPEAKER. "A" OR "B" WHERE SHOWN, DENOTES PAGING ZONING			POWER SYMBOLS			CEILING OR WALL MOUNTED CLOSED CIRCUIT TELEVISION CAMERA FOR SECURITY SYSTEM. "TH" DENOTES THERMAL. "WP" DENOTES ENVIRONMENTAL HOUSING. "VP" DENOTES VANDAL PROOF HOUSING.
	CEILING MOUNTED EMERGENCY VOICE COMMUNICATION (EVC) SYSTEM SPEAKER. "A" OR "B" WHERE SHOWN, DENOTES PAGING ZONING.			POWER SYMBOLS			SIMILAR TO ABOVE REQUIRING 120V POWER CONNECTION
	WALL MOUNTED EMERGENCY VOICE COMMUNICATION (EVC) SYSTEM SPEAKER AND STROBE. "A" OR "B" WHERE SHOWN, DENOTES PAGING ZONING			POWER SYMBOLS			MASTER INTERCOM
	CEILING MOUNTED EMERGENCY VOICE COMMUNICATION (EVC) SYSTEM SPEAKER AND STROBE. "A" OR "B" WHERE SHOWN, DENOTES PAGING ZONING.			POWER SYMBOLS			SLAVE INTERCOM
	FIREFIGHTERS' TELEPHONE. FLUSH MOUNTED 4'-0" (1200mm) ABOVE FINISHED FLOOR LEVEL TO CENTER LINE.			POWER SYMBOLS			LOCKABLE DEVICE - TO BE DETERMINED BY DOOR HARDWARE CONSULTANT
	FIRE ALARM BELL, MOUNTED APPROXIMATELY 12" (300mm) BELOW FINISHED CEILING. UNLESS OTHERWISE NOTED.			POWER SYMBOLS			POWER CONNECTION TO MAGNETIC DOOR LOCK
	FIRE ALARM HORN, MOUNTED APPROXIMATELY 12" (300mm) BELOW FINISHED CEILING. UNLESS OTHERWISE NOTED.			POWER SYMBOLS			POWER CONNECTION TO DOOR RELEASE
	COMBINATION FIRE ALARM HORN AND STROBE LIGHT, MOUNTED APPROXIMATELY 12" (300mm) BELOW FINISHED CEILING. UNLESS OTHERWISE NOTED.			POWER SYMBOLS			POWER CONNECTION TO DOOR HOLDER
	WALL AND CEILING MOUNTED FIRE ALARM SYSTEM STROBE LIGHT.			POWER SYMBOLS			EXIT SENSOR
	SPRINKLER FLOW ALARM SWITCH			POWER SYMBOLS		NURSE CALL SYMBOLS	
	SUPERVISED VALVE CONNECTION ON SPRINKLER AND STANDPIPE SYSTEM.			POWER SYMBOLS		SYMBOL	DESCRIPTION
SINGLE LINE DIAGRAM SYMBOLS		COMMUNICATIONS SYMBOLS		POWER SYMBOLS			LED NURSE CALL DOME LIGHT WITH PROGRAMMABLE COLORS AND FLASH RATES. "ZL" WHERE SHOWN, DENOTES CORRIDOR ZONE LIGHT. "ZLC" WHERE SHOWN, DENOTES CORRIDOR ZONE LIGHT c/w CHIME.
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	POWER SYMBOLS			SINGLE BED NURSE CALL BED STATION COMPLETE WITH SPEAKER
	POWER TRANSFORMER.			POWER SYMBOLS			DOUBLE BED NURSE CALL
	MOLDED CASE CIRCUIT BREAKER. "L" WHERE SHOWN, DENOTES DEVICE c/w CURRENT LIMITERS			POWER SYMBOLS			PILLOW SPEAKER.
	PANELBOARD			POWER SYMBOLS			NURSE CALL EMERGENCY STATION - PULL CORD TYPE WITH AUDIO.
	METER			POWER SYMBOLS			NURSE CALL EMERGENCY STATION - WATERPROOF PULL CORD TYPE.
	DELTA GROUND CONNECTION			POWER SYMBOLS			NURSE CALL EMERGENCY STATION - QUAD PUSH BUTTON TYPE (CB-SA-CP-CW).
	WYE GROUND CONNECTION			POWER SYMBOLS			NURSE CALL EMERGENCY STATION - WATERPROOF PUSH BUTTON TYPE.
	MOTOR OVERLOAD			POWER SYMBOLS			NURSE CALL EMERGENCY STATION - PULL CORD TYPE WITH PRIORITY CALL
				POWER SYMBOLS			NURSE CALL STAFF ASSIST STATION
				POWER SYMBOLS			NURSE CALL STAFF ASSIST STATION LOCALIZED UNIT.
				POWER SYMBOLS			NURSE CALL STAFF TERMINAL. Voip DEVICE WITH FULL DUPLEX AUDIO AND COLOR TOUCH SCREEN WITH PROGRAMMABLE FUNCTIONS.
				POWER SYMBOLS			NURSE CALL STAFF REGISTER.
				POWER SYMBOLS			NURSE CALL SUB-MASTER STATION
				POWER SYMBOLS			NURSE CALL DUTY STATION.
				POWER SYMBOLS			NURSE CALL STAFF STATION
				POWER SYMBOLS			NURSE CALL EQUIPMENT AND AREA CONTROL UNITS.
				POWER SYMBOLS			NURSE CALL CODE BLUE STATION.
				POWER SYMBOLS			NURSE CALL CODE WHITE STATION.
				POWER SYMBOLS			NURSE CALL CODE PINK STATION.
				POWER SYMBOLS			NURSE CALL VIOLENT SITUATION WIRELESS (CODE WHITE) INFRARED RECEIVER. CEILING MOUNTED
				POWER SYMBOLS			PATIENT WANDERING.
				POWER SYMBOLS			ELPAS INFRARED READER. CEILING MOUNTED.
				POWER SYMBOLS			TELEMETRY ANTENNA
				POWER SYMBOLS			ELPAS INFRARED READER. CEILING MOUNTED.



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Keyplan

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Client/Project

TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL

2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

2200 EGLINTON AVE. WEST

Title

ELECTRICAL SYMBOLS, LEGENDS
AND DRAWING LIST

Project No.
CA0016106.5411

Scale
N.T.S.

Drawing No.

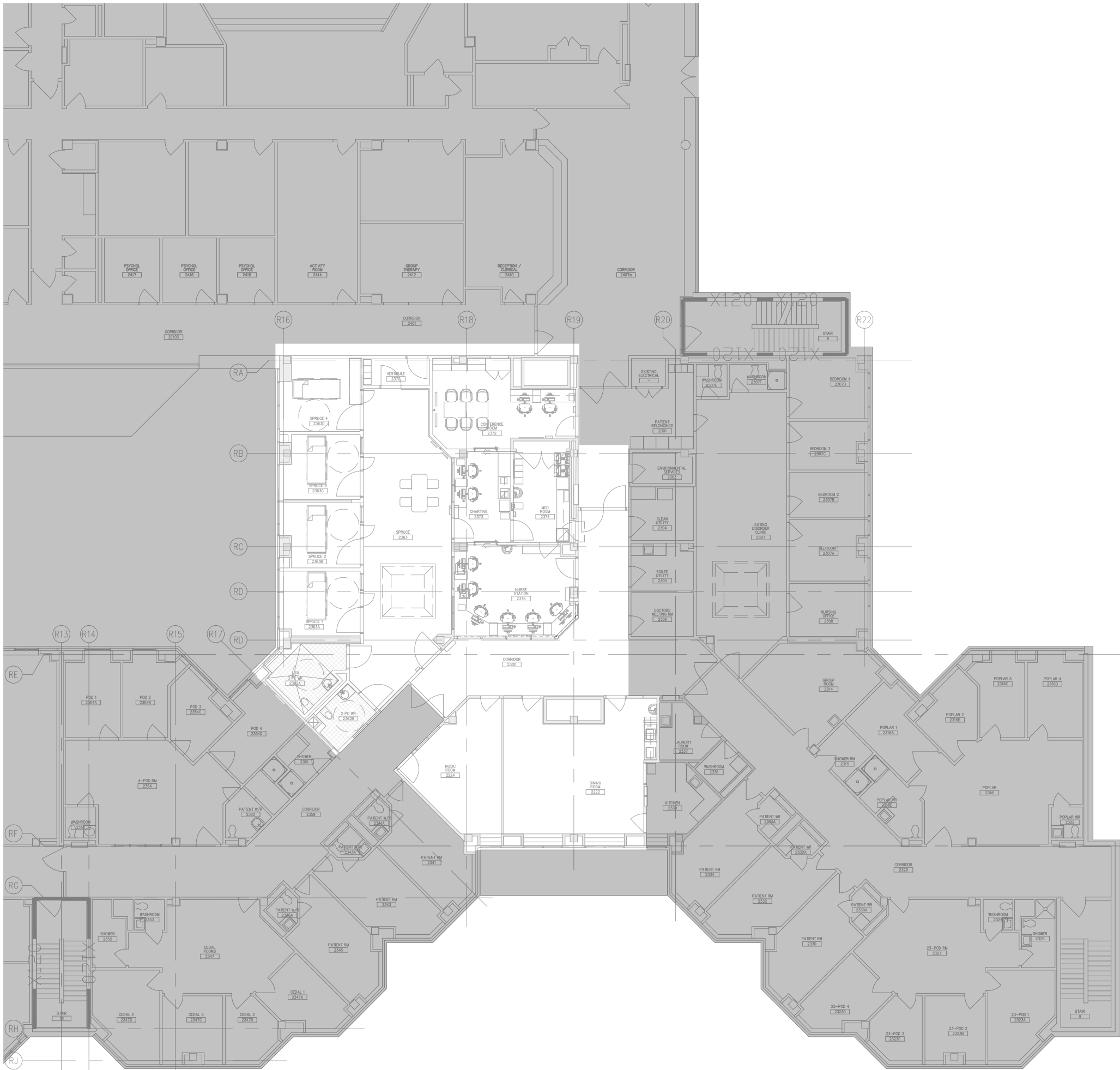
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Revision

E-000

1 of 15

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2024/05/01 4:16 AM By: Praveenkumar, Prabhakaran



1 OVERALL KEYPLAN
E-001 N.T.S.

GENERAL PROJECT NOTES:

- CONTRACTOR TO CONFIRM IF ANY EXISTING EQUIPMENT (LUMINAIRES, RECEPTACLES, ETC.) NOTED TO BE DEMOLISHED IS TO BE RETAINED AND TURNED OVER TO THE OWNER PRIOR TO REMOVAL. ALL OTHER EQUIPMENT SHALL BE PROPERLY DISPOSED OF AS PART THIS CONTRACT.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL & MECHANICAL DRAWINGS. ARCHITECTURAL TO GOVERN EXACT LOCATION AND MOUNTING HEIGHT OF DEVICES.
- CONTRACTOR TO COORDINATE WITH SIEMENS FOR EXISTING FIRE ALARM WORK TO COMPLETE TERMINATIONS AT FIRE ALARM PANEL, TESTING AND VERIFICATION OF SYSTEM DURING EACH PHASE OF WORK.
- CIRCUITING SHOWN IS BASED ON EXISTING PANEL SCHEDULE. CONTRACTOR TO VERIFY ON SITE AND CONNECT CIRCUITS TO SPARE BREAKERS IN PANEL BOARDS AS REQUIRED.
- ALL CEILING DEVICES SHALL AVOID STRUCTURAL BEAMS AND MECHANICAL DUCTWORK. CONTRACTOR TO COORDINATE ON SITE PRIOR TO INSTALLATION.
- PROTECT EXISTING ELECTRICAL SERVICES TO REMAIN DURING DEMOLITION AND RENOVATION. ALL LIFE SAFETY SYSTEMS MUST REMAIN IN OPERATION DURING CONSTRUCTION.
- MAINTAIN OPERATION OF ALL SYSTEMS OUTSIDE OF RENOVATED AREA WHICH MAY BE AFFECTED BY THE RENOVATION AND DEMOLITION. ANY CIRCUITS WHICH HAVE BEEN MADE INOPERATIVE AS A RESULT OF THIS WORK BUT ARE NOT IN DEMOLISHED AREA SHALL BE REACTIVATED AT NO COST TO THE OWNER.
- EXISTING CEILINGS TO BE REMOVED (FOR EXTENT OF EXISTING CEILING REMOVALS REFER TO ARCHITECTURAL DRAWINGS) TO ALLOW FOR THE INSTALLATION OF THE FIRE ALARM SYSTEM, LIGHTING FIXTURES, ETC., ELECTRICAL.
- CONTRACTOR TO INCLUDE FOR THE REMOVAL AND/OR RELOCATION OF THE EXISTING CEILING LIGHTING FIXTURES, ETC. ALL NEW WORK AND REWORKING OF CEILING TO SUIT MECHANICAL AND ELECTRICAL SERVICES SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.
- ALL EXISTING SERVICES INDICATED ON THESE DRAWINGS TO BE REMOVED AND/OR RELOCATED SHALL BE VERIFIED ON SITE. EXISTING ACTIVE SERVICES WHICH MAY BE EXPOSED DURING DEMOLITIONS OF PARTITIONS AND WHICH MUST BE RELOCATED TO SUIT NEW PARTITIONS LAYOUTS SHALL BE PROMPTLY REPORTED TO THE CONSULTANT'S ATTENTION FOR RESOLUTION.
- ALL NEWLY INSTALLED RECEPTACLES TO BE HOSPITAL GRADE AND VANDAL RESISTANT FOR PATIENT CARE AREAS.
- NEW DATA, VOICE, CODE BLUE, AND NURSE CALL WIRING SHALL BE TERMINATED IN NEAREST LAN ROOM TO THE ASSOCIATED EXISTING SYSTEM. PROVIDE ALL NECESSARY HARDWARE AND SOFTWARE REQUIRED TO ADD ALL NEW DEVICES AS PART OF THIS PROJECT. WIRING SHALL BE AS PER MANUFACTURERS RECOMMENDATION. COORDINATE INSTALLATION AND ADDITION OF NEW NURSE CALL DEVICES WITH EXISTING VENDOR AATEL (CONTACT: LAURA GRAHAM, 905-526-2378, LAURAG@AATEL.COM).
- NEW SECURITY AND CCTV DEVICES SHALL BE TERMINATED IN NEAREST LAN ROOM. CONTRACTOR TO ENGAGE SECURITY SYSTEM VENDOR (JOHNSON CONTROLS - KEITH PORTER: 905-731-2813, KEITH.PORTER@JCI.COM) TO PROVIDE SECURITY SYSTEM WORK IN COORDINATION WITH ELECTRICAL CONTRACTOR. ALL NEW DEVICES TO BE COMPATIBLE WITH EXISTING GENTEC SECURITY CENTER V5.11
- DRAWINGS DOES NOT SHOW ALL EXISTING DEVICES AND FIXTURES, HIDDEN OR CONCEALED WIRING OR CONDUIT AND EQUIPMENT TO BE REMOVED. CONTRACTOR SHALL VISIT THE SITE AND MAKE THEIR OWN EVALUATION AND ESTIMATE OF THE EXTENT AND MAGNITUDE OF THE WORK INVOLVED AND INCLUDED IN BID COST.
- COORDINATE AND OBTAIN APPROVAL FROM OWNER FOR ALL INTERRUPTIONS AND SHUTDOWNS.
- CONTRACTOR TO PROVIDE SAFE STORAGE OF ALL DEVICES/EQUIPMENT REMOVED AND DESIGNATED FOR REINSTALLATION DURING CONSTRUCTION UNLESS OTHERWISE NOTED.
- REMOVE REDUNDANT CONDUIT AND WIRING BACK TO SOURCE, LABEL BREAKER AS SPARE.
- TEMPORARY REMOVAL OF EXISTING CEILING AND DEVICES MAY BE REQUIRED AS PART OF THE INSTALLATION. CONTRACTOR TO INCLUDE COSTS TO TEST AND VERIFY REINSTALLED DEVICES.
- COORDINATE ALL WORK WITH GENERAL CONTRACTOR.
- CONTRACTOR TO REFER TO ARCHITECTURAL "CONSTRUCTION SEQUENCING AND HOARDING PLAN" FOR CONSTRUCTION SEQUENCING. CONTRACTOR TO ENSURE CONTINUITY OF OPERATION OF ALL SYSTEMS IN OCCUPIED SPACES DURING ALL PHASES. PROVIDE AND INSTALL TEMPORARY EQUIPMENT/DEVICES, INCLUDING BUT NOT LIMITED TO EXIT SIGNS, FIRE ALARM DEVICES, EMERGENCY LIGHTS, AS REQUIRED TO MEET LIFE SAFETY REQUIRED BY LOCAL GOVERNING CODE AND LOCAL GOVERNING AUTHORITIES DURING ALL PHASES.
- CONTRACTOR TO VERIFY EXACT LOCATION AND CAPACITY OF EXISTING EQUIPMENT, INCLUDING BUT NOT LIMITED TO ELECTRICAL PANELS, FIRE ALARM PANELS, DGP, NURSE CALL CABINETS, TELECOM CABINET, ON SITE. MAKE THEIR OWN EVALUATION AND ESTIMATE OF THE EXTENT AND MAGNITUDE OF THE WORK INVOLVED AND INCLUDED IN BID COST.
- MUSIC ROOM TO BE TEMPORARY USE AS NURSE STATION AND CHARTING DURING CONSTRUCTION. ALL SERVICES IN CHARTING AND NURSE STATION SHALL BE REPLICATED IN MUSIC ROOM TO ENSURE CONTINUITY OF OPERATION FOR NURSE STATION AND CHARTING DURING ALL PHASES.
- ALL DEVICES IN PATIENT AREAS SHALL BE VANDAL PROOF.
- ALL PUBLIC ADDRESS (PA) AND EMERGENCY PAGING TO BE PROVIDED THROUGH THE FIRE ALARM SYSTEM'S EMERGENCY VOICE COMMUNICATIONS (EVC) SYSTEM SPEAKERS. ANY LOCAL SYSTEM AUDIO CONTENT MUST BE MUTED OR DISABLE IMMEDIATELY TO ALLOW AUDIO NOTIFICATIONS TO BE HEARD THROUGH THE OVERHEAD PAGING SYSTEM AND FIRE ALARM.



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Client/Project

TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL

2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

2200 EGLINTON AVE. WEST

Title

ELECTRICAL KEYPLAN AND NOTES

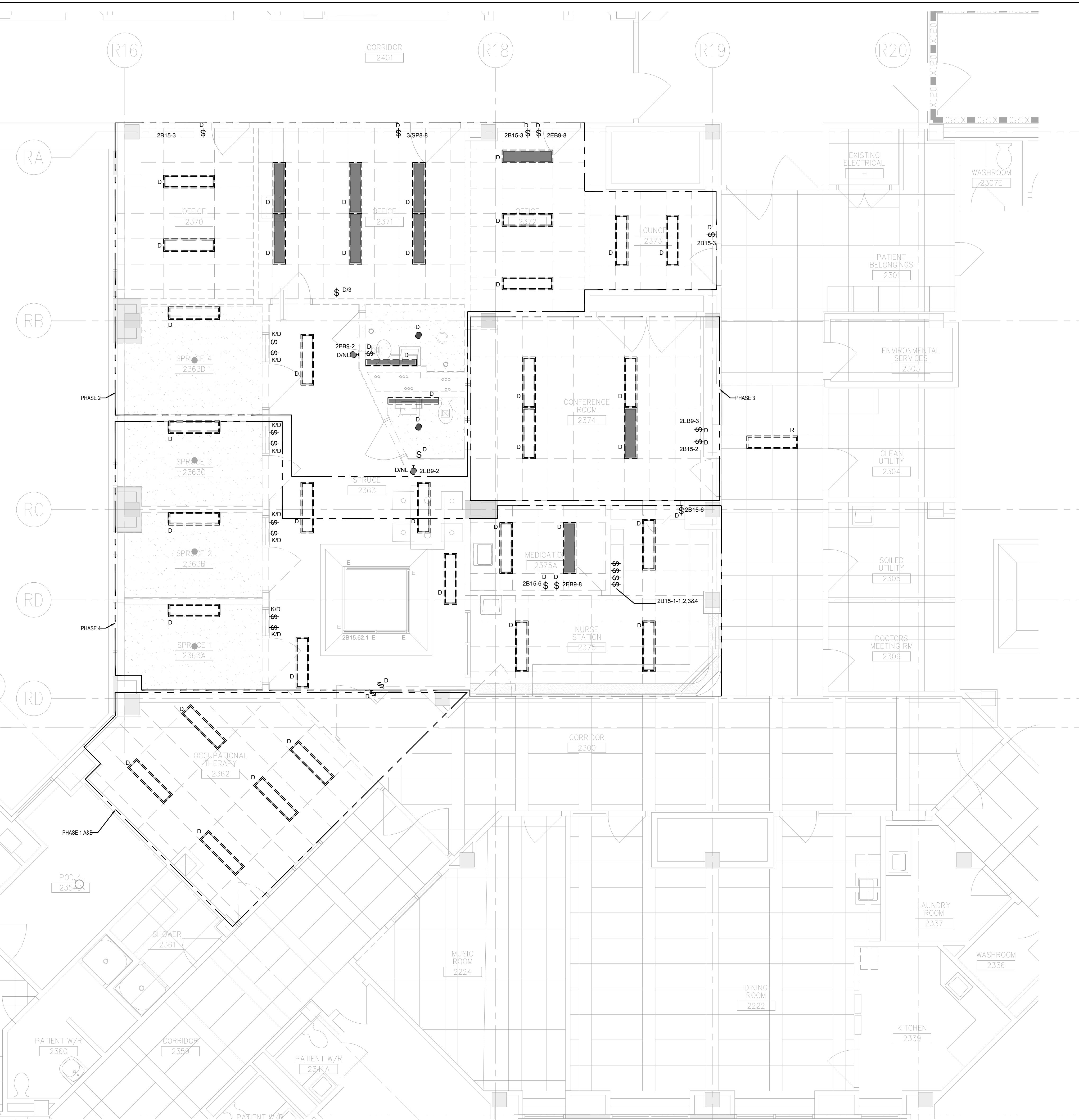
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GENERAL DEMOLITION NOTES:

- ALL REPLACED / REINSTALLED FIRE ALARM DEVICES SHALL BE RE-TESTED AND RE-VERIFIED.
- ALL LUMINAIRES TO BE REMOVED AND REINSTALLED SHALL BE CLEANED AND RE-LAMPED. REPLACE BROKEN LENSES, FAULTY BALLAST, MOUNTING HARDWARE, ETC. AS NECESSARY TO TURN LUMINAIRES TO GOOD WORKING CONDITION.
- ALL EXISTING SERVICES INDICATED ON THESE DRAWINGS TO BE REMOVED AND/OR RELOCATED SHALL BE VERIFIED ON SITE. EXISTING ACTIVE SERVICES WHICH MAY BE EXPOSED DURING DEMOLITIONS OF PARTITIONS AND WHICH MUST BE RELOCATED TO SUIT NEW PARTITIONS LAYOUTS SHALL BE PROMPTLY REPORTED TO THE CONSULTANT'S ATTENTION FOR RESOLUTION.
- 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.
- WHEN EXISTING CIRCUITS ARE BEING DISCONNECTED, MAINTAIN SUPERVISION OF THE AREA TO ENSURE THAT SUCH CIRCUITS DO NOT AFFECT ESSENTIAL EXISTING CIRCUITS BEING RETAINED.
- UNLESS OTHERWISE NOTED, OBSOLETE MATERIALS WHICH ARE REMOVED AND ARE NOT TO BE RELOCATED OR REUSED ARE TO BECOME YOUR PROPERTY. REMOVE FROM THE SITE AND PROPERLY DISPOSE. OBTAIN FROM THE OWNER A LIST OF EXISTING ELECTRICAL ITEMS WHICH ARE TO BE REMOVED AND TURNED OVER TO THE OWNER. SAID ITEMS ARE TO REMAIN THE PROPERTY OF THE OWNER.
- REVISE PANELBOARD DIRECTORIES ACCORDINGLY, IF AFFECTED BY ANY RENOVATION, DISCONNECTION OR REMOVAL OF WORK. USE OWNER'S ACTUAL ROOM NAMES/NUMBERS.
- ALL LIFE SAFETY SYSTEMS MUST REMAIN IN OPERATION DURING CONSTRUCTION.
- PROTECT EXISTING DEVICES BEING RELOCATED OR DELETED TO ENSURE THAT THEY ARE NOT DAMAGED. TEST SUCH DEVICES PRIOR TO DISCONNECTION AND DE-ENERGIZATION, TO ENSURE THAT EACH DEVICE IS IN PROPER WORKING CONDITION. ENSURE THAT MOTORS ARE IN PROPER ROTATION DIRECTION. EXAMINE EACH DEVICE FOR DAMAGE. REPORT DEVICES NOT WORKING OR WITH DAMAGE TO THE CONSULTANT PRIOR TO INITIATING ANY WORK. IT WILL BE ASSUMED THAT DEVICES ARE IN PROPER WORKING ORDER AND GOOD CONDITION IF NOT REPORTED.
- MAINTAIN OPERATION OF ALL SYSTEMS OUTSIDE OF RENOVATED AREA WHICH MAY BE AFFECTED BY THE RENOVATION AND DEMOLITION. ANY CIRCUITS WHICH HAVE BEEN MADE INOPERATIVE AS A RESULT OF THIS WORK BUT ARE NOT IN DEMOLISHED AREA SHALL BE REACTIVATED AT NO COST TO THE OWNER.
- CONTRACTOR TO ALLOW FOR SURVEYING OF EXISTING AREA AND CONFIRMING CIRCUITRY IN RENOVATED AREA. ALL WORK RELATED TO TRACING, CONFIRMING AND MAINTAINING EXISTING CIRCUITRY FOR ALL SYSTEMS (IE: POWER, FIRE ALARM, WIRELESS, DATA, VOICE, SECURITY ETC.) SHALL BE INCLUDED IN THE SCOPE OF WORK.



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**TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL**

**2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION**

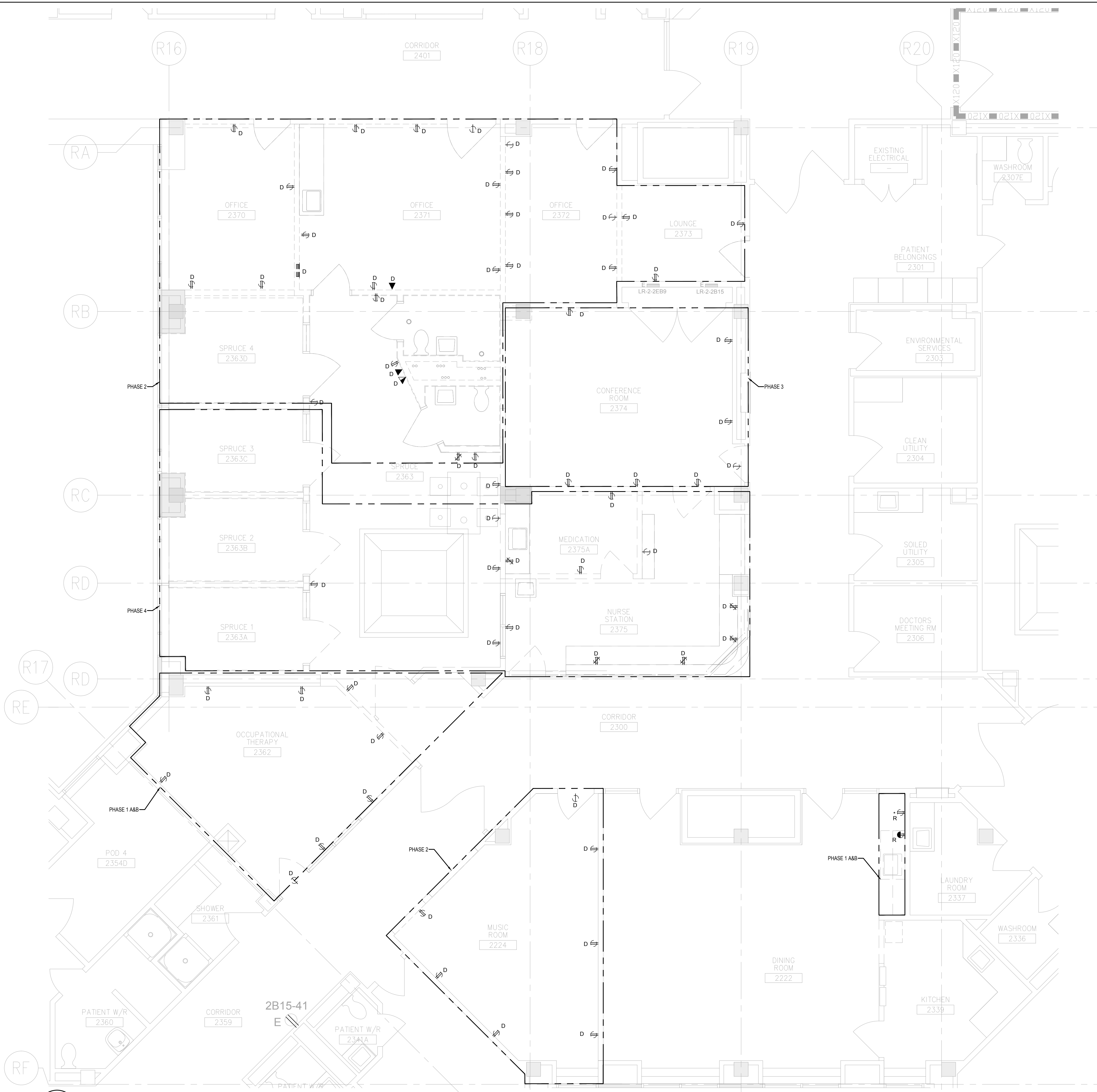
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Title

**BLOCK 2D - LEVEL 2 -
POWER & COMMUNICATION PLAN -
DEMOLITION**

Project No.	Scale
CA0016106.5411	1/4" = 1'-0"
Drawing No.	Sheet
	Revision

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- POWER AND SYSTEMS DEMOLITION NOTES:**
- DEMOLISH ALL THE EXISTING POWER AND SYSTEMS DEVICES AND EQUIPMENT IN THE AREA SHOWN, UNLESS OTHERWISE NOTED. ALL ASSOCIATED CONDUITS, BOXES, ACCESSORIES AND CABLES SHALL BE REMOVED BACK TO SOURCE. EXISTING ACTIVE SERVICES SERVING OTHER FLOORS MAY BE EXPOSED DURING THE DEMOLITION OF PARTITION WALLS AND CEILINGS WHICH MUST BE RELOCATED TO SUIT THE NEW FLOOR LAYOUT. THE EXISTING ACTIVE SERVICE SERVING OUTSIDE OF DEMOLITION SCOPE AREA SHALL BE PROMPTLY REPORTED TO THE CONSULTANTS ATTENTION FOR RESOLUTION. THIS DRAWING MAY NOT CAPTURE EXACT QUANTITIES OF DEVICES TO BE REMOVED.
 - COORDINATE ALL DEMOLITION WORK WITH GENERAL CONTRACTOR. 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.
 - CONTRACTOR TO ALLOW FOR SURVEYING OF EXISTING AREA AND CONFIRMING CIRCUITRY IN DEMOLITION AREA. ALL WORK RELATED TO TRACING, CONFIRMING AND MAINTAINING EXISTING CIRCUITRY FOR ALL SYSTEMS SHALL BE INCLUDED IN THE SCOPE OF WORK.
 - ALL DEMOLISHED POWER AND SYSTEMS DEVICES AND EQUIPMENT TO BE HANDED OVER TO THE OWNER. COORDINATE WITH HOSPITAL PROJECT MANAGER FOR STORAGE LOCATION OF THE EXISTING FIRE ALARM DEVICES EQUIPMENT BEING REMOVED SHALL BE REVIEWED ON THE SITE WITH HOSPITAL'S ENGINEERING DEPT. AND IF THEY SO WISH TO BE DELIVERED TO AN AREA IN THE HOSPITAL DIRECTED. EQUIPMENT THAT THE HOSPITAL DOESN'T WANT SHALL BE REMOVED FROM THE SITE AS SCRAP BY THE DIVISION.
 - ENSURE THAT CONTINUITY OF WIRING TO ALL REMAINING OUTLETS AND DEVICES SHALL BE MAINTAINED WITH SAME SIZE WIRE AS EXISTING. THE ELECTRICAL CONTRACTOR SHALL MAINTAIN CONTINUITY FOR THE EXISTING SERVICES WHICH PASS THROUGH THE AREA BUT WHICH FEED ITEMS NOT LOCATED IN THE RENOVATED AREA.
 - IN AREAS WHERE EXISTING DEVICES ARE TO BE REMOVED, THE CONTRACTOR SHALL ENSURE THAT ANY PORTION OF THE EXISTING SYSTEM THAT IS TO REMAIN IS LEFT SAFE AND A WORKING SYSTEM IS MAINTAINED.
 - REFER TO THE ARCHITECTURAL PLANS FOR PHASING AND SHUTDOWNS.
 - REMOVE AND REINSTALL ALL WALL MOUNTED DEVICES AFFECTED BY ARCHITECTURAL. ALL EXISTING DEVICES NOT SHOWN ON THE FLOOR PLAN SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED.
 - DASHED ZONES REFER TO THE DEMOLISHING PHASE.

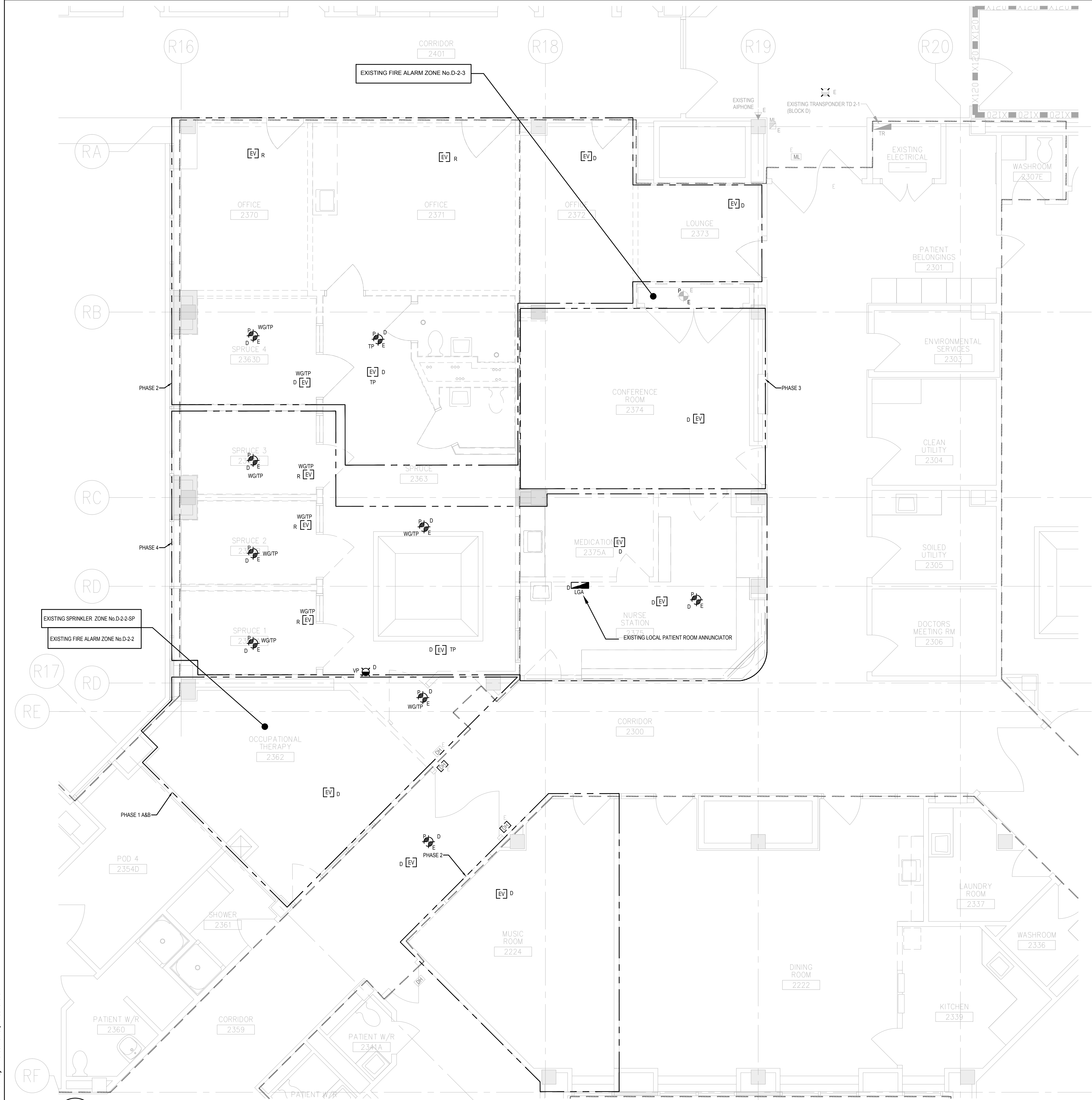
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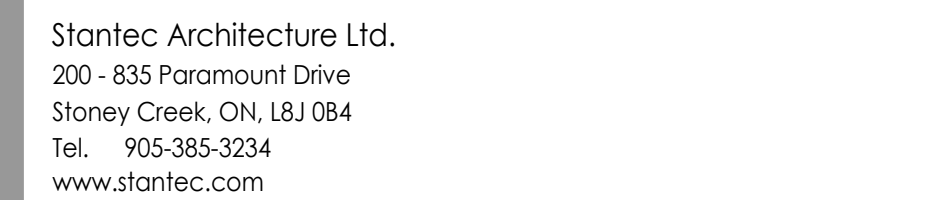
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SPRUCE SUITE RENOVATION**
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Title
**BLOCK 2D - LEVEL 2 -
FIRE ALARM PLAN - DEMOLITION**

Project No. CA0016106.5411	Scale 1/4" = 1'-0"
Drawing No. E-203	Sheet 5 of 15
	Revision



- FIRE ALARM AND SYSTEMS DEMOLITION - GENERAL NOTES:**
- DEMOLISH ALL THE EXISTING POWER AND SYSTEMS DEVICES AND EQUIPMENT IN THE AREA SHOWN, UNLESS OTHERWISE NOTED. ALL ASSOCIATED CONDUITS, BOXES, ACCESSORIES AND CABLES SHALL BE REMOVED BACK TO SOURCE. EXISTING ACTIVE SERVICES SERVING OTHER FLOORS MAY BE EXPOSED DURING THE DEMOLITION OF PARTITION WALLS AND CEILINGS WHICH MUST BE RELOCATED TO SUIT THE NEW FLOOR LAYOUT. THE EXISTING ACTIVE SERVICE SERVING OUTSIDE OF DEMOLITION SCOPE AREA SHALL BE PROMPTLY REPORTED TO THE CONSULTANTS ATTENTION FOR RESOLUTION. THIS DRAWING MAY NOT CAPTURE EXACT QUANTITIES OF DEVICES TO BE REMOVED.
 - COORDINATE ALL DEMOLITION WORK WITH GENERAL CONTRACTOR. 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.
 - CONTRACTOR TO ALLOW FOR SURVEYING OF EXISTING AREA AND CONFIRMING CIRCUITRY IN DEMOLITION AREA. ALL WORK RELATED TO TRACING, CONFIRMING AND MAINTAINING EXISTING CIRCUITRY FOR ALL SYSTEMS SHALL BE INCLUDED IN THE SCOPE OF WORK.
 - ALL DEMOLISHED POWER AND SYSTEMS DEVICES AND EQUIPMENT TO BE DISPOSED BY THE CONTRACTOR WITH EXCEPTION OF ALL DEMOLISHED EXISTING FIRE ALARM DEVICES WHICH SHALL BE CLEANED AND HANDED OVER TO THE OWNER. COORDINATE WITH HOSPITAL PROJECT MANAGER FOR STORAGE LOCATION OF THE EXISTING FIRE ALARM DEVICES.
 - ENSURE THAT CONTINUITY OF WIRING TO ALL REMAINING OUTLETS AND DEVICES SHALL BE MAINTAINED WITH SAME SIZE WIRE AS EXISTING. ENSURE OPERATION OF FIRE ALARM SYSTEMS AT ALL TIMES.
 - IN AREAS WHERE EXISTING DEVICES ARE TO BE REMOVED, THE CONTRACTOR SHALL ENSURE THAT ANY PORTION OF THE EXISTING SYSTEM THAT IS TO REMAIN IS LEFT SAFE AND A WORKING SYSTEM IS MAINTAINED.
 - THE ELECTRICAL CONTRACTOR SHALL MAINTAIN CONTINUITY FOR EXISTING SERVICES WHICH PASS THROUGH THE AREA BUT WHICH FEED ITEMS NOT LOCATED IN THE RENOVATED AREA. REROUTE WHERE NECESSARY RE WIRE DEVICES WHICH REMAIN. RE-ROUTE TO NOT PENETRATE LEAD SHIELDING.
 - POWER AND SYSTEMS SHUT-DOWN MUST BE ARRANGED WITH AND AT A TIME CONVENIENT TO THE HOSPITAL EQUIPMENT BEING REMOVED SHALL BE REVIEWED ON THE SITE WITH THE HOSPITAL'S ENGINEERING DEPT. AND IF THEY SO WISH BE DELIVERED TO AN AREA IN THE HOSPITAL AS DIRECTED. EQUIPMENT THAT THE HOSPITAL DOES NOT WANT SHALL BE REMOVED FROM THE SITE AS SCRAP BY THIS DIVISION.
 - COORDINATE SCHEDULING OF ALL POWER SHUTDOWNS WITH OWNER.
 - MAINTAIN A TEMPORARY OPERABLE FIRE ALARM DURING CONSTRUCTION.
 - WHERE EXISTING TELEPHONE CABINETS ARE IN WALLS THAT ARE TO BE DEMOLISHED BUT CONTAIN WIRING THAT SERVE OTHER AREAS OF THE HOSPITAL, AN ALTERNATE ROUTING SHALL BE PROVIDED FOR CABLES. CONSULT WITH HOSPITAL TELECOMMUNICATIONS PERSONNEL AND PROVIDE REROUTING PRIOR TO ANY DEMOLITION OF WALLS.
 - COORDINATE WITH FIRE ALARM VENDOR FOR DEVICE SPECIFICATIONS AND PROVIDE NECESSARY MODIFICATIONS TO DGP/TRANSPONDER PANEL AS REQUIRED. COORDINATE WITH OWNER FOR SHUTDOWN TIME AND REPLACEMENT HOURS. PROVIDE VERIFICATION AND TESTING REPORTS TO CONSULTANT AND OWNER FOR REVIEW.

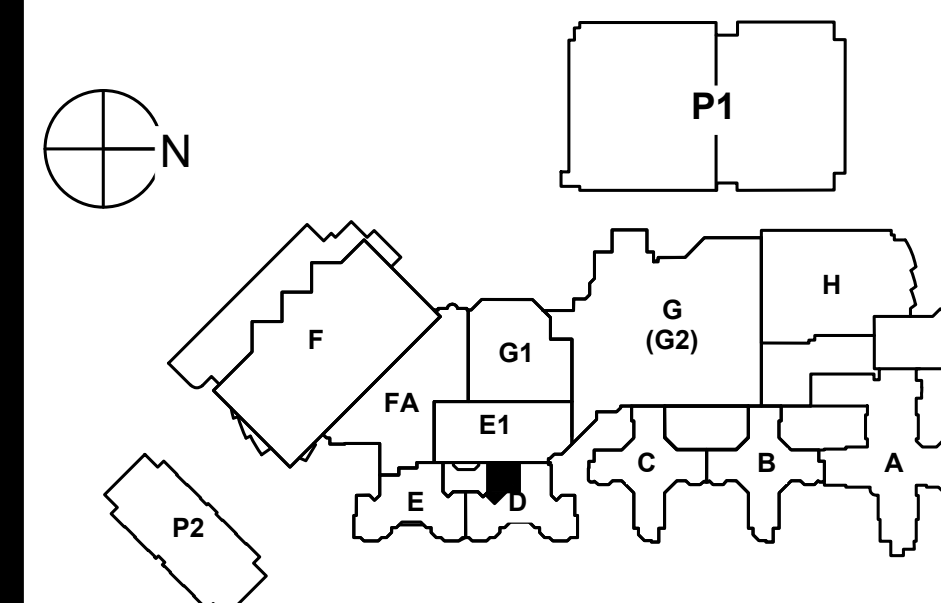



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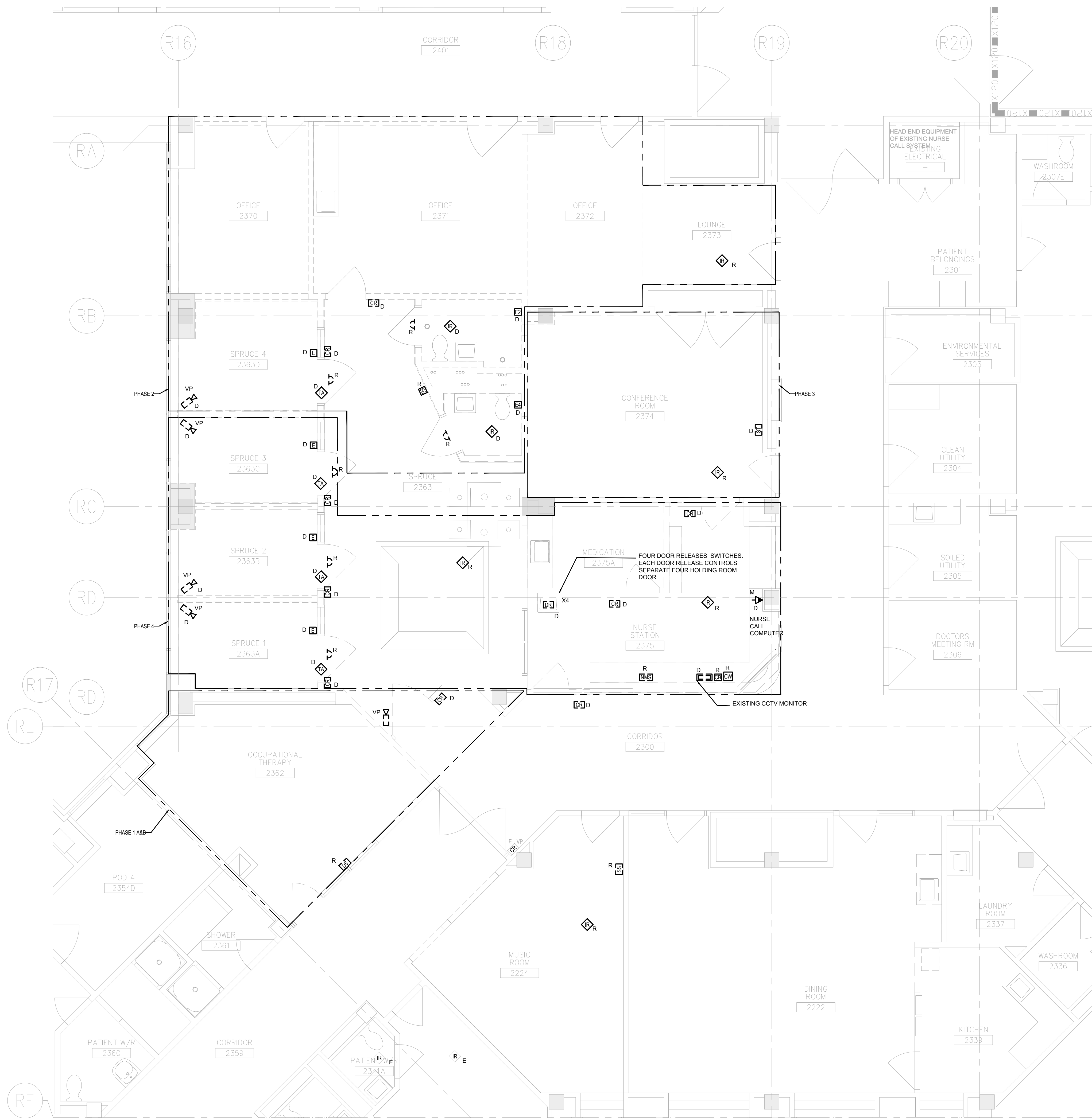
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GENERAL DEMOLITION NOTES:

- (A)** DEMOLISH ALL THE EXISTING POWER AND SYSTEMS DEVICES AND EQUIPMENT IN THE AREA SHOWN, UNLESS OTHERWISE NOTED. ALL ASSOCIATED CONDUITS, BOXES, ACCESSORIES AND CABLES SHALL BE REMOVED BACK TO SOURCE. EXISTING ACTIVE SERVICES SERVING OTHER FLOORS MAY BE EXPOSED DURING THE DEMOLITION OF PARTITION WALLS AND CEILINGS WHICH MUST BE RELOCATED TO SUIT THE NEW FLOOR LAYOUT. THE EXISTING ACTIVE SERVICE SERVING OUTSIDE OF DEMOLITION SCOPE AREA SHALL BE PROMPTLY REPORTED TO THE CONSULTANT'S ATTENTION FOR RESOLUTION. THIS DRAWING MAY NOT CAPTURE EXACT QUANTITIES OF DEVICES TO BE REMOVED.
- (B)** COORDINATE ALL DEMOLITION WORK WITH GENERAL CONTRACTOR. 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.
- (C)** CONTRACTOR TO ALLOW FOR SURVEYING OF EXISTING AREA AND CONFIRMING CIRCUITRY IN DEMOLITION AREA. ALL WORK RELATED TO TRACING, CONFIRMING AND MAINTAINING EXISTING CIRCUITRY FOR ALL SYSTEMS SHALL BE INCLUDED IN THE SCOPE OF WORK.
- (D)** ALL DEMOLISHED POWER AND SYSTEMS DEVICES AND EQUIPMENT TO BE DISPOSED BY THE CONTRACTOR WITH EXCEPTION OF EXISTING FIRE ALARM DEVICES WHICH SHALL BE CLEANED AND HANDED OVER TO THE OWNER. COORDINATE WITH HOSPITAL PROJECT MANAGER FOR STORAGE LOCATION OF THE EXISTING FIRE ALARM DEVICES.
- (E)** ENSURE THAT CONTINUITY OF WIRING TO ALL REMAINING OUTLETS AND DEVICES SHALL BE MAINTAINED WITH SAME SIZE WIRE AS EXISTING. ENSURE OPERATION OF FIRE ALARM SYSTEMS AT ALL TIMES.
- (F)** IN AREAS WHERE EXISTING DEVICES ARE TO BE REMOVED, THE CONTRACTOR SHALL ENSURE THAT ANY PORTION OF THE EXISTING SYSTEM THAT IS TO REMAIN IS LEFT SAFE AND A WORKING SYSTEM IS MAINTAINED.
- (G)** THE ELECTRICAL CONTRACTOR SHALL MAINTAIN CONTINUITY FOR EXISTING SERVICES WHICH PASS THROUGH THE AREA BUT WHICH FEED ITEMS NOT LOCATED IN THE RENOVATED AREA. REROUTE WHERE NECESSARY RE: WIRE DEVICES WHICH REMAIN. RE-ROUTE TO NOT PENETRATE LEAD SHIELDING.
- (H)** POWER AND SYSTEMS SHUT-DOWN MUST BE ARRANGED WITH AND AT A TIME CONVENIENT TO THE HOSPITAL. EQUIPMENT BEING REMOVED SHALL BE REVIEWED ON THE SITE WITH THE HOSPITAL'S ENGINEERING DEPT. AND IF THEY SO WISH BE DELIVERED TO AN AREA IN THE HOSPITAL AS DIRECTED. EQUIPMENT THAT THE HOSPITAL DOES NOT WANT SHALL BE REMOVED FROM THE SITE AS SCRAP BY THIS DIVISION.
- (I)** COORDINATE SCHEDULING OF ALL POWER SHUTDOWNS WITH OWNER.
- (J)** MAINTAIN A TEMPORARY OPERABLE FIRE ALARM DURING CONSTRUCTION.
- (K)** WHERE EXISTING TELEPHONE CABINETS ARE IN WALLS THAT ARE TO BE DEMOLISHED BUT CONTAIN WIRING THAT SERVE OTHER AREAS OF THE HOSPITAL, AN ALTERNATE ROUTING SHALL BE PROVIDED FOR CABLES. CONSULT WITH HOSPITAL TELECOMMUNICATIONS PERSONNEL AND PROVIDE REROUTING PRIOR TO ANY DEMOLITION OF WALLS.
- (L)** COORDINATE WITH FIRE ALARM VENDOR FOR DEVICE SPECIFICATIONS AND PROVIDE NECESSARY MODIFICATIONS TO DGP/TRANSDUCER PANEL AS REQUIRED. COORDINATE WITH OWNER FOR SHUTDOWN TIME AND REPLACEMENT HOURS. PROVIDE VERIFICATION AND TESTING REPORTS TO CONSULTANT AND OWNER FOR REVIEW.

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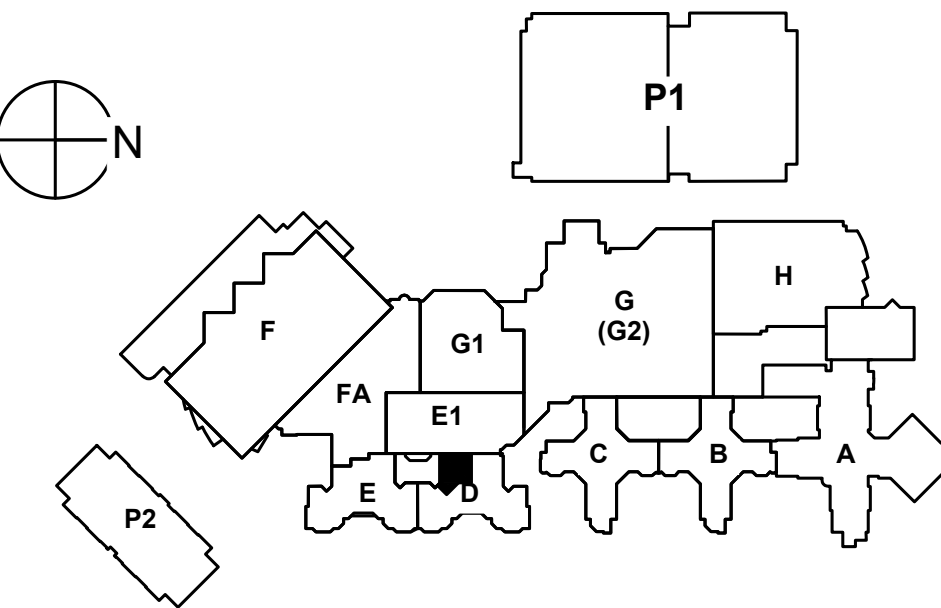
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Keyplan



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TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL

2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

2200 EGLINTON AVE. WEST

Title

BLOCK 2D - LEVEL 2 -
LIGHTING PLAN - NEW

Project No.
CA0016106.5411

Scale
1/4" = 1'-0"

Drawing No.

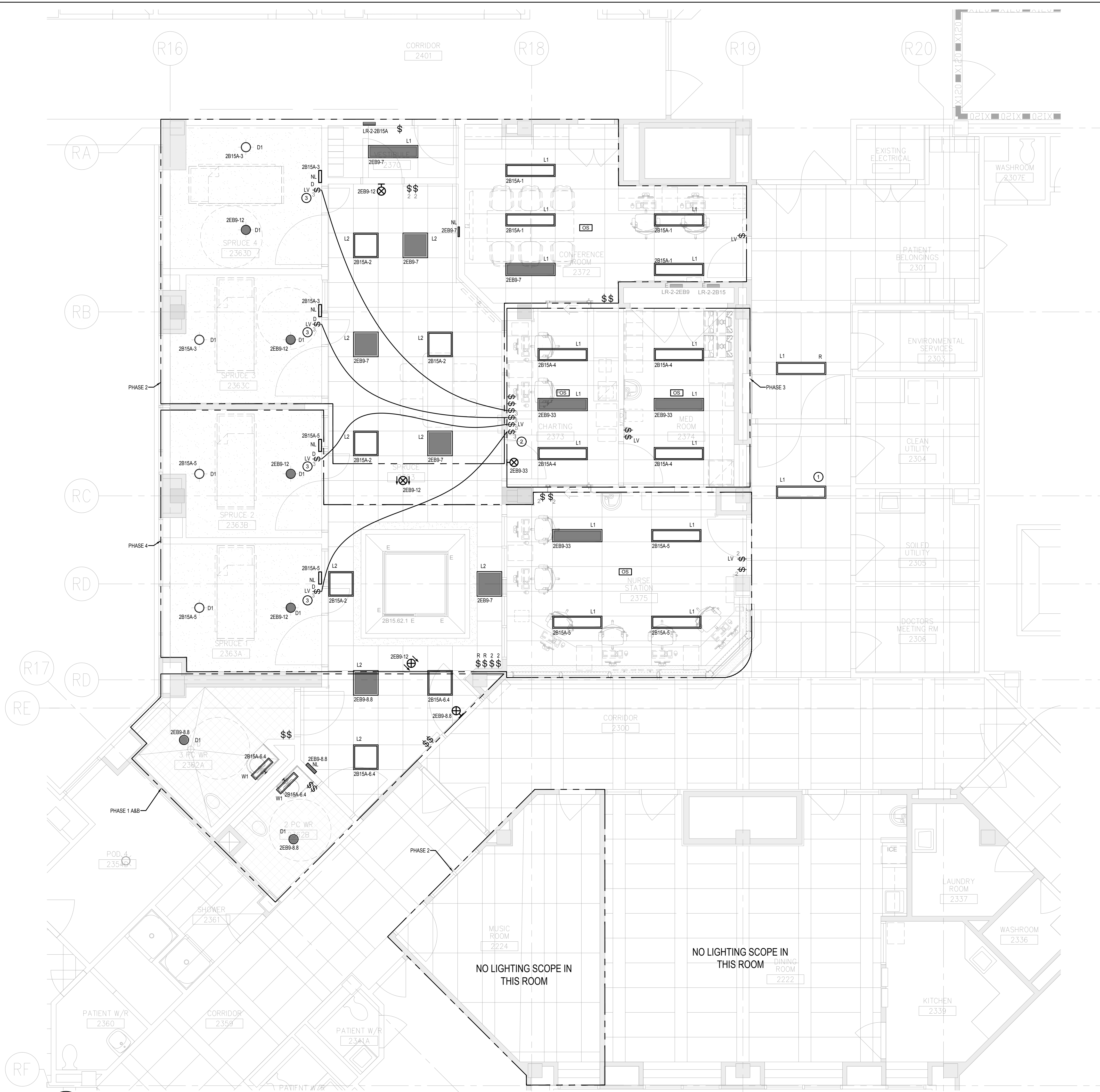
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Revision

E-301

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2024/05/01 4:17 AM By: Praveenkumar, Prabhakaran



PHASING NOTES:

- CONTRACTOR SHALL PROVIDE ALL THE NECESSARY CONDUITS, JUNCTION BOXES, ACCESSORIES, ETC. REQUIRED FOR THE WORK ASSOCIATED IN THE NEXT PHASES.
- PHASE 1 A&B:
NORMAL LIGHTING FIXTURES ARE CONNECTED TO EXISTING CIRCUIT 2B15.64. EMERGENCY LIGHTING FIXTURES ARE CONNECTED TO EXISTING CIRCUIT 2EB9.88
EXISTING LIGHTING SWITCHES FOR SKYLIGHT ARE RELOCATED

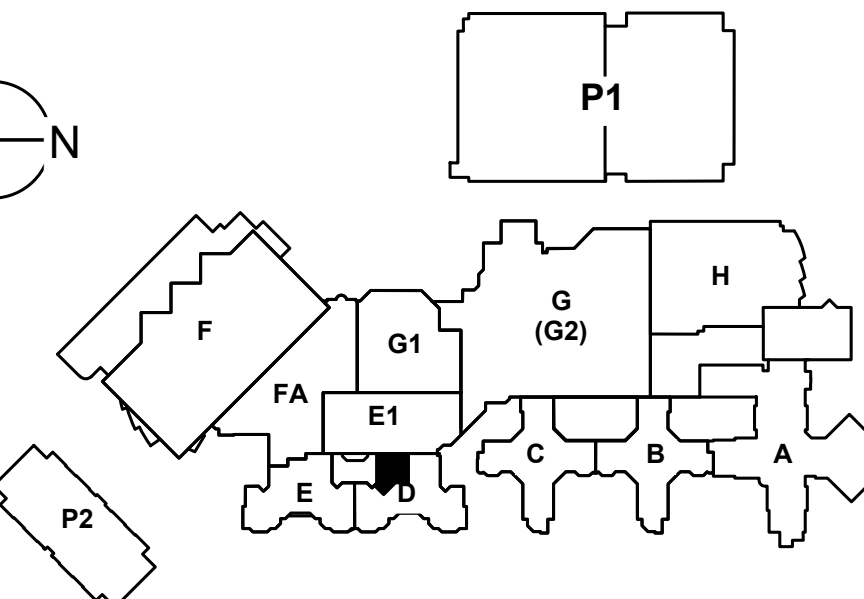
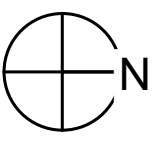
REFERENCE KEY NOTES:

- FIXTURE TO BE CONNECTED TO EXISTING CORRIDOR CIRCUIT.
- PROVIDE OVERRIDE LIGHT SWITCH FOR SPRUCE ROOM LIGHTING CONTROL.
- PROVIDE 3 SCENE SWITCH WITH VANDAL RESISTANT SCREWS FOR SPRUCE ROOM LIGHTING CONTROL. SCENE 1: 30% LIGHTING, SCENE 2: 80% LIGHTING, SCENE 3: 100% LIGHTING

GENERAL RENOVATION NOTES:

- EXACT LOCATION OF ALL LIGHT FIXTURES AS INDICATED ON ALL PLANS, SHALL BE AS PER ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS AND DETAILS. QUANTITIES OF LUMINARIES SHALL ACCOUNTED AS PER THE ELECTRICAL FLOOR PLAN.
- REFER TO SHEET E900 FOR LUMINARIES SCHEDULE.
- TASK LIGHT LENGTH SHOULD BE COORDINATED WITH MILL WORK AND ARCHITECTURAL DRAWINGS.
- ALL LIGHTING IN THE RENOVATION SCOPE IS PRIMARILY CONTROLLED THROUGH LOCAL LINE VOLTAGE TOGGLE SWITCH UNLESS OTHERWISE NOTED.
- LD# INDICATES LIGHTING SEQUENCE OF OPERATION FOR THE SPACE. REFER TO THE LIGHTING SEQUENCE OF OPERATION MATRIX ON SHEET E-###.
- FOR LIGHTING FIXTURE SCHEDULE AND SYMBOLS REFER TO E-000.
- CONTRACTOR TO COORDINATE THE LIGHTING FIXTURE INSTALLATION WITH MECHANICAL EQUIPMENT.
- CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF LIGHTING FIXTURES WITH CEILING LAYOUT.
- IN SPRUCE ROOMS 1,2,3 AND 4, NORMAL AND EMERGENCY FIXTURE ARE CONTROLLED VIA ONE LOW VOLTAGE SMART SWITCH.
- EXISTING SKYLIGHT ARE CONNECTED TO SAME EXISTING CIRCUIT AT PANEL 2B15.
- CONTRACTOR TO COORDINATE ON SITE THE DOWNTIME SHUTDOWN FOR USING EXISTING/NEW CIRCUITS IN EACH PHASE. CONTRACTOR SHALL MAINTAIN THE MINIMAL TIME FOR SHUT TIME.
- CONTRACTOR TO COORDINATE ON SITE WITH THE CLIENT FOR ANY POWER SHUTDOWN PRIOR TO EXECUTION.

1 BLOCK 2D - LEVEL 2 - LIGHTING PLAN - NEW
E-301 1/4" = 1'-0"



PHASING NOTES:

- CONTRACTOR SHALL PROVIDE ALL THE NECESSARY CONDUITS, JUNCTION BOXES, ACCESSORIES, ETC. REQUIRED FOR THE WORK ASSOCIATED IN THE NEXT PHASES.
- PHASE 1 A&B:
NORMAL POWER OUTLETS ARE CONNECTED TO EXISTING CIRCUIT 2B15.29 AND 2B15.31. EMERGENCY POWER OUTLETS ARE CONNECTED TO EXISTING PANEL 2BE9
- PHASE 2:
CONTRACTOR TO PROVIDE CONDUITS FROM EXISTING MUSIC/FAMILY LOUGE TO THE NEW PANEL 2B15A.

REFERENCE KEY NOTES:

- FOR CONNECTION TO MOTORIZED BLINDS. COORDINATE WITH VENDOR FOR EXACT REQUIREMENTS. PROVIDE FINAL CONNECTIONS AS REQUIRED. BLIND CONTROL OVERRIDE TO BE IN CHARTING STATION.
- PROVIDE LINE VOLTAGE SWITCH FOR BLINDS CONTROL. ONE SWITCH PER SPRUCE ROOM.
- POWDER FOR ICE MACHINE.
- POWER FOR FRIDGE. UTILIZE SPARE FROM EXISTING PANEL IN KITCHEN 2339.
- FOR CONNECTION TO ADU. VERIFY LOCATION AND REQUIREMENTS. PROVIDE FINAL CONNECTIONS AS REQUIRED.
- CONTRACTOR TO REPURPOSE EXISTING NORMAL AND EMERGENCY CIRCUIT FOR NEW WASHROOM USE IN PHASE 1.

GENERAL RENOVATION NOTES:

- FOR EXACT LOCATION OF MECHANICAL EQUIPMENT REFER TO MECHANICAL LAYOUTS.
- CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF POWER OUTLETS WITH ARCHITECTURAL AND FURNITURE LAYOUT.
- ALL WALL MOUNTED OUTLETS FOR TV/DIGITAL DISPLAY TO BE MOUNTED AT 1.4M A.F.F.
- PANEL LP-2-2B15-1 TO BE CONNECTED TO EXISTING DISTRIBUTION PANEL BOARD DP-5-1B3.
- CONTRACTOR TO VERIFY ON SITE THE EXACT LOCATION ON ELECTRICAL EQUIPMENT. CONTRACTOR IS RESPONSIBLE TO DELIVER ALL ELECTRICAL EQUIPMENT TO EXACT LOCATION ON SITE
- ALL REPLACED / REINSTALLED FIRE ALARM DEVICES SHALL BE RE-TESTED AND RE-VERIFIED.
- ALL RECEPTACLES IN PATIENT AREAS TO BE TAMPERPROOF.
- CONTRACTOR TO COORDINATE ON SITE THE DOWNTIME SHUTDOWN FOR USING EXISTING/NEW CIRCUITS IN EACH PHASE. CONTRACTOR SHALL MAINTAIN THE MINIMAL TIME FOR SHUT TIME.
- CONTRACTOR TO COORDINATE ON SITE WITH THE CLIENT FOR ANY POWER SHUTDOWN PRIOR TO EXECUTION.
- PANEL LR-2-2B15A IS FED FROM EXISTING PANEL DP-1-5B3 LOCATED IN ELECTRICAL ROOM 1570. CONTRACTOR TO COORDINATE ON SITE THE EXACT ROUTING OF CONDUIT FROM ROOM 1570 ON LEVEL 1 TO THE PANEL LOCATION.

Client/Project

TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL

2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

2200 EGLINTON AVE. WEST

Title

BLOCK 2D - LEVEL 2 -
POWER PLAN -NEW

Project No.

CA0016106.5411

Drawing No.

E-401

Scale

1/4" = 1'-0"

Sheet

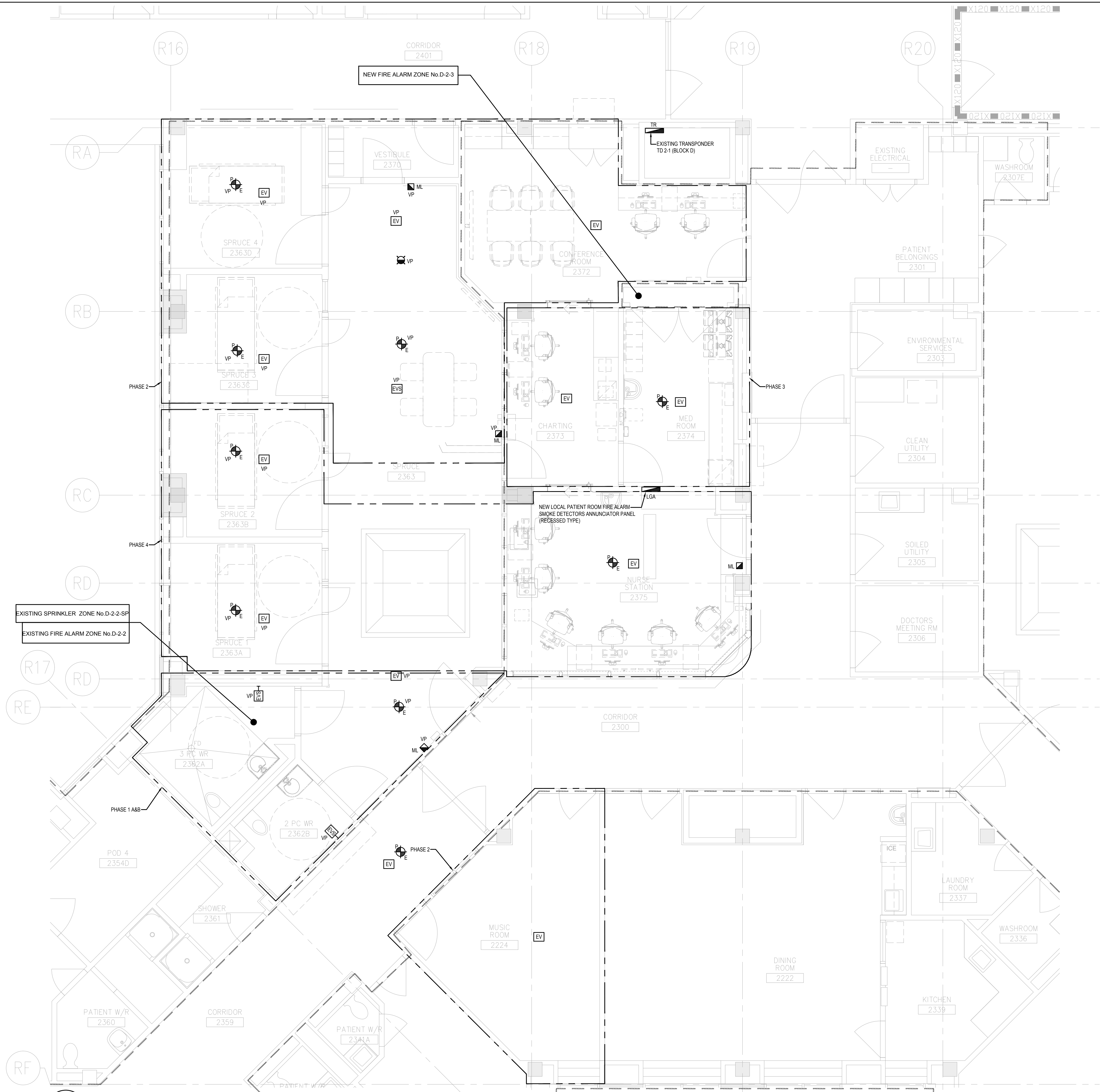
8 of 15

Revision

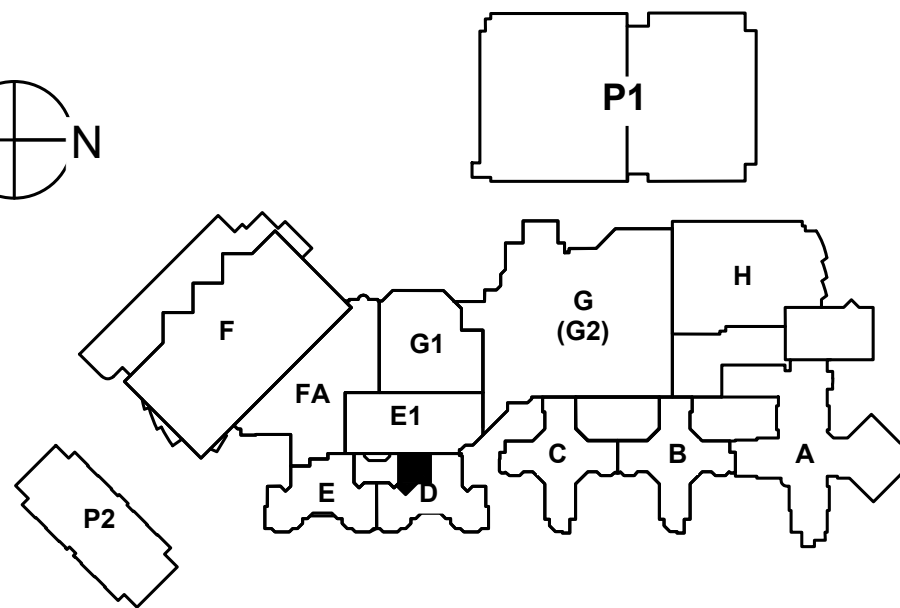
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ISSUED FOR 90%CD	AM	GT	2024-05-14
Issued	By	Appd.	YY.MM.DD
File Name:	Dwn.	Chkd.	Dsgn.
			YY.MM.DD

Permit/Seal	
Client/Project	TRILLIUM HEALTH PARTNERS CREDIT VALLEY HOSPITAL 2D INPATIENT MENTAL HEALTH SPRUCE SUITE RENOVATION 2200 EGLINTON AVE. WEST

Title	BLOCK 2D - LEVEL 2 - FIRE ALARM PLAN - NEW
Project No.	CA0016106.5411
Scale	1/4" = 1'-0"
Drawing No.	Sheet
Revision	
E-501	9 of 15



- GENERAL RENOVATION NOTES:**
1. EVACUATION SPEAKER TO BE CONNECTED TO THE NEAREST EXISTING FAA PANEL LOCATED IN NURSE STATION
 2. ALL VANDAL PROOF DEVICES TO BE COMPLETE WITH WIRE GUARD.
 3. CONNECT AUXILIARY CONTACTS OF THE INDICATED FIRE ALARM MANUAL PULL STATION TO THE ADJACENT MAGLOCK THE MAGLOCK SHALL RELEASE UPON ACTIVATION OF THE CONNECT AUXILIARY CONTACTS OF THE INDICATED FIRE ALARM MANUAL PULL STATION TO THE ADJACENT MAGLOCK THE MAGLOCK SHALL RELEASE UPON ACTIVATION OF THE MANUAL PULL STATION.
 4. CONTRACTOR TO TEST AND VERIFY FIRE ALARM ON SITE
 5. CONTRACTOR TO COORDINATE WITH NURSE CALL AND FIRE ALARM SYSTEM VENDORS TO ENSURE THAT ALL SMOKE DETECTORS ARE COW RELAY BASE FOR INTERCONNECTION TO NURSE CALL DOME LIGHTS SUCH THAT THE DETECTION OF SMOKE IN ANY SMOKE DETECTOR IN EACH PATIENT BEDROOM WILL ILLUMINATE THE RESPECTIVE DOME LIGHT FOR THAT ROOM AND SEND SIGNAL TO FIRE ALARM SYSTEM. PROVIDE AN AUDIBLE AND VISIBLE SIGNAL TO STAFF SERVING THAT ROOM.
 6. EV SPEAKERS IN CORRIDORS ARE INTEGRATED WITH PA SPEAKERS AND SHALL BE INSTALLED SUCH THAT ALERT AND ALARM SIGNALS TAKE PRIORITY OVER ALL OTHER SIGNALS. ENGAGE FIRE ALARM SYSTEM VENDOR (SIEMENS - GERRY THIBEAULT, EMAIL: GERRY.THIBEAULT@SIEMENS.COM) TO PROVIDE FIRE ALARM SYSTEM WORK IN COORDINATION WITH ELECTRICAL CONTRACTOR.
 7. UTILIZE EXISTING CABLE TRAYS WHERE POSSIBLE TO THE NEAREST TR WITH MAXIMUM 40% FILL RATION. PROVIDE CONDUIT(S) FROM WORK AREA OUTLET(S) TO THE NEAREST CABLE TRAY IN HALLWAYS. WHERE EXISTING CABLE TRAYS ARE OVERFILLED IN HALLWAYS OR INSIDE TRS, THEN J-HOOKS ARE ACCEPTABLE IN THOSE SPECIFIC AREAS.
 8. CONTRACTOR TO ENGAGE SECURITY SYSTEM VENDOR (JOHNSON CONTROLS - KEITH PORTER, 905-751-2813, KEITH.PORTER@ICI.COM) TO PROVIDE SECURITY SYSTEM WORK IN COORDINATION WITH ELECTRICAL CONTRACTOR. ALL NEW DEVICES TO BE COMPATIBLE WITH EXISTING GENTEC SECURITY CENTER V5.11
 9. REFER TO ARCHITECTURAL CONSTRUCTION SEQUENCING AND HOARDING PLAN. CONTRACTOR TO ENSURE CONTINUITY OF FIRE ALARM SYSTEM IN OCCUPIED SPACES DURING ALL PHASES. PROVIDE AND INSTALL TEMPORARY EQUIPMENT/DEVICES, INCLUDING BUT NOT SMOKE DETECTORS, EVACUATION SPEAKERS, AS REQUIRED TO MEET LIFE SAFETY REQUIRED BY LOCAL GOVERNING CODE AND LOCAL GOVERNING AUTHORITIES DURING ALL PHASES.
 10. CONTRACTOR TO CONNECT ALL NEW FIRE ALARM DEVICE TO THE NEAREST EXISTING TRANSPONDER PANEL.
 11. FIRE ALARM EMERGENCY VOICE COMMUNICATIONS (EVC) SYSTEM SPEAKERS TO BE TIED TO NURSE CALL SYSTEM FOR PAGING.



REFERENCE KEY NOTES:

- FOR CONNECTION TO ANALOGUE TONG RED EMERGENCY PHONE. COORDINATE AND VERIFY LOCATION AND REQUIREMENTS WITH OWNER AND ARCHITECT. PROVIDE A DATA CONNECTION ACCORDINGLY.
- FOR CONNECTION TO ADU ALARM SIGNAL. VERIFY LOCATION AND REQUIREMENTS, PROVIDE FINAL CONNECTIONS AS REQUIRED.
- CONTRACTOR TO PROVIDE NEW MICROPHONE AND SPEAKER MATCH EXISTING LOCAL MICROPHONE AND SPEAKER SETUP FOR SPEAK EASY WINDOW.
- PROVIDE CEILING MOUNTED J-BOX WITH CONNECTION TO NURSE STATION, CHARTING AND MUSIC ROOM FOR CCTV CONNECTION. REFER TO CCTV EC SINGLE LINE DETAIL 3/E-800.
- FOR CONNECTION TO CCTV/TV SCREENS MOUNTED AT HIGH LEVEL. REFER TO ARCH DRAWINGS FOR ELEVATION. COORDINATE FINAL REQUIREMENTS AND PROVIDE CONNECTIONS AS REQUIRED.

GENERAL RENOVATION NOTES:

- ALL NEW NURSE CALL DEVICES TO BE WIRED BACK TO THE CLOSEST NURSE CALL CABINET. REFER TO E-001 FOR NURSE CALL CABINET LOCATIONS.
- ENGAGE NURSE CALL SYSTEM VENDOR (AATEL COMMUNICATIONS - LAURA GRAHAM. PHONE: (905) 526 2378. EMAIL: LAURAG@AATEL.COM) TO PROVIDE NURSE CALL SYSTEM WORK IN COORDINATION WITH ELECTRICAL CONTRACTOR. ALL NEW DEVICES TO BE R5 TYPE.
- CONTRACTOR TO COORDINATE WITH NURSE CALL AND FIRE ALARM SYSTEM VENDORS TO ENSURE THAT ALL SMOKE DETECTORS ARE C/W RELAY BASE FOR INTERCONNECTION TO NURSE CALL DOME LIGHTS SUCH THAT THE DETECTION OF SMOKE IN ANY SMOKE DETECTOR IN EACH PATIENT BEDROOM WILL ILLUMINATE THE RESPECTIVE DOME LIGHT FOR THAT ROOM AND SEND SIGNAL TO FIRE ALARM SYSTEM. PROVIDE AN AUDIBLE AND VISIBLE SIGNAL TO STAFF SERVING THAT ROOM.
- EV SPEAKERS IN CORRIDORS ARE INTEGRATED WITH PA SPEAKERS AND SHALL BE INSTALLED SUCH THAT ALERT AND ALARM SIGNALS TAKE PRIORITY OVER ALL OTHER SIGNALS. ENGAGE FIRE ALARM SYSTEM VENDOR (SIEMENS - GERRY THIBEAULT. EMAIL: GERRY.THIBEAULT@SIEMENS.COM) TO PROVIDE FIRE ALARM SYSTEM WORK IN COORDINATION WITH ELECTRICAL CONTRACTOR.
- UTILIZE EXISTING CABLE TRAYS WHERE POSSIBLE TO THE NEAREST TR WITH MAXIMUM 40% FILL RATIO. ALTERNATIVELY, PROVIDE NEW CABLE TRAYS (300MM WIDE X 500MM DEEP) WHERE APPLICABLE. PROVIDE CONDUIT(S) FROM WORK AREA OUTLET(S) TO THE NEAREST CABLE TRAY IN HALLWAYS. WHERE EXISTING CABLE TRAYS ARE OVERFILLED IN HALLWAYS OR INSIDE TR'S, THEN J-HOOKS ARE ACCEPTABLE IN THOSE SPECIFIC AREAS.
- THE CONTRACTOR IS TO ENSURE THAT APPROPRIATE MOUNTING BRACKET NEEDED FOR THE INSTALLATION (DRYWALL, T-BAR) OF WIRELESS ACCESS POINTS (WAPS) SHALL BE ORDERED AND INSTALLED.
- THE CONTRACTOR SHALL PROVIDE A MARKED-UP DRAWING NOTING ALL THE NEW WAP LOCATIONS, PORT NUMBERS, AS WELL AS, THE BARCODE AND STICKER ASSOCIATED WITH THE WAP DEVICE.
- CONTRACTOR TO ENGAGE CCTV, RTLS, AND SECURITY SYSTEM VENDOR (JOHNSON CONTROLS - KEITH PORTER. 905-731-2813. KEITH.PORTER@JCL.COM) TO PROVIDE SECURITY SYSTEM WORK IN COORDINATION WITH ELECTRICAL CONTRACTOR.
- CONTRACTOR TO CONNECT ALL NEW NURSE CALL DEVICES TO THE NEAREST HEAD-END EQUIPMENT OF THE EXISTING NURSE CALL SYSTEM LOCATED IN CLOSET BESIDE DEPARTMENT ENTRANCE DOOR.
- THE EXISTING DATA RACK AND TELEPHONE BIX BLOCKS ARE LOCATED IN EXISTING CLOSET 4. ALL NEW DATA/VOICE OUTLETS TO BE CONNECTED TO THE RESPECTIVE HEAD-END EQUIPMENT.
- CONTRACTOR TO CONNECT ALL NEW SECURITY DEVICES/EQUIPMENT TO THE NEAREST EXISTING SECURITY HEAD-ENDS LOCATED IN EXISTING ELECTRICAL CLOSET 4.
- CONTRACTOR TO VERIFY EXACT LOCATION OF THE HEAD-END EQUIPMENT OF THE EXISTING NURSE CALL SYSTEM, DATA RACK, TELEPHONE BIX BLOCKS AND SECURITY SYSTEM. IT IS CONTRACTOR'S RESPONSIBILITY TO MAKE THEIR OWN EVALUATION AND ESTIMATE OF THE EXTENT AND MAGNITUDE OF THE WORK INVOLVED AND INCLUDED IN BID COST.
- ALL WIRELESS ACCESS POINTS (WAPS), SECURITY ACCESS CONTROL SYSTEM, CCTV, IT, AV, INTERCOM, MASTER CLOCK AND PHONE DEVICES IN PATIENT AREAS SHALL BE VANDAL PROOF.

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TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL

2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

2200 EGLINTON AVE. WEST

BLOCK 2D - LEVEL 2 - NURSE CALL,
COMMUNICATION, CCTV, SECURITY, ACS &
REAL TIME LOCATION SYSTEM PLAN - NEW

Project No.	Scale
CA0016106.5411	1/4" = 1'-0"
Drawing No.	Sheet
	Revision

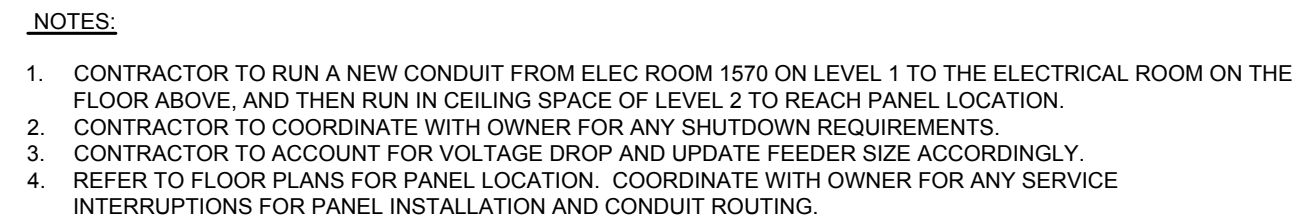


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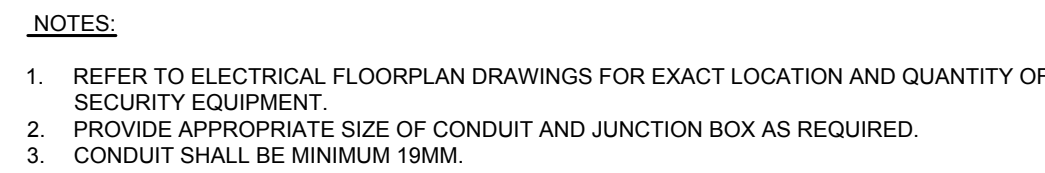
<p>C1(TYP)</p> <p>BED STN</p> <p>TYPICAL SPRUCE ROOM</p> <p>C2(TYP)</p> <p>ST</p>	<p>EXISTING CABLE TRAY SYSTEM (TYPICAL)</p> <p>C2(TYP)</p> <p>PULL CORD</p> <p>PULL CORD (WTR. PROOF)</p> <p>ST</p> <p>NURSING STATION</p> <p>WKSTN</p> <p>RECEPTION</p>	<p>LEVEL-3</p> <p>CEILING</p>
		<p>LEVEL-2</p>

CABLE SCHEDULE:

- C1 - CAT6A BLUE
- C2 - CAT6A YELLOW
- C3 - CAT6A WHITE
- C4 - 8 COND #22 AWG AND 10 COND 22 AWG
- C5 - CAT6A TO 6-PIN DIN SPEAKER CABLE
- (6) WALL MOUNTING CABINET (BY AATEL)
- (10) SINGLE GANG FLUSH MASONARY DEEP BACKBOX
- (20) 3-GANG FLUSH MASONARY DEEP BACKBOX

NOTES:

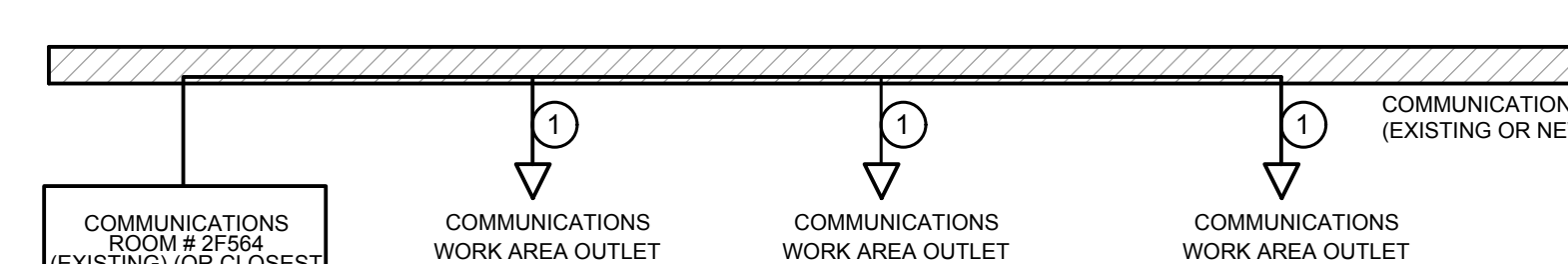
- (1) CO-ORDINATE CENTRAL NURSE CALL EQUIPMENT WITH OTHER SERVICES IN DATA ROOM.
- (2) MOUNT POWER RECEPTACLES AT EQUIPMENT TO SUIT EQUIPMENT SUPPLIERS REQUIREMENTS. FOR BRANCH CIRCUIT INFORMATION REFER TO FLOOR PLAN LAN DRAWINGS.
- (3) UNLESS OTHERWISE NOTED ALL NURSE CALL EQUIPMENT SHALL BE FULL NETWORK SYSTEM WITH ALL FEATURES AND PROVISIONS SPECIFIED.
- (4) CONDUIT UNLESS OTHERWISE NOTED SHALL BE 19mm AND SHALL BE CONCEALED IN NEW AND EXISTING FINISHES.
- (5) SHOULD THE DISTANCE FROM THE LOCAL CABINET EXCEED 220 FT, ADDITIONAL POWER RUN WILL BE REQUIRED.



EXISTING
TRANSDUCER
TD 2-1 (BLOCK D)

P/E VP/E EYS EYS/VP EV EV/VP

LEVEL 2



The diagram illustrates the installation of a cable tray in a corridor. A horizontal cable tray is shown at the top, with a hatched pattern. Below the tray, three vertical lines with downward-pointing arrows indicate the placement of cable trays. Each arrow is labeled with a circled '1'. The first arrow points to a box labeled 'COMMUNICATIONS ROOM # 2F564 (EXISTING) (OR CLOSEST COMMS ROOM)'. The second arrow points to a box labeled 'COMMUNICATIONS WORK AREA OUTLET DATA (1D/2D) (TYPICAL)'. The third arrow points to a box labeled 'COMMUNICATIONS WORK AREA OUTLET WAP/CCTV/CLOCK (1D/2D) (TYPICAL)'. To the right of the third arrow, a box labeled 'COMMUNICATIONS PATHWAY (TYPICAL) (EXISTING OR NEW WHERE APPLICABLE)' is shown. Below the diagram, the text 'MENTAL HEALTH WARD 2D' is centered. To the right of the diagram, the text 'LEVEL 02' is shown.

COMMUNICATIONS ROOM # 2F564
(EXISTING) (OR CLOSEST
COMMS ROOM)

COMMUNICATIONS
WORK AREA OUTLET
DATA (1D/2D)
(TYPICAL)

COMMUNICATIONS
WORK AREA OUTLET
TELEPHONE (1D/2D)
(TYPICAL)

COMMUNICATIONS
WORK AREA OUTLET
WAP/CCTV/CLOCK (1D/2D)
(TYPICAL)

COMMUNICATIONS PATHWAY (TYPICAL)
(EXISTING OR NEW WHERE APPLICABLE)

MENTAL HEALTH WARD 2D

LEVEL 02

LEGEND

① CAT6A 4-PAIR FT6 RATED, CMP COPPER CABLE IN CONDUIT AND CABLE TRAY

NOTES:

1. USE EXISTING CABLE TRAY WHERE POSSIBLE AND MAINTAIN 40% FILL RATIO FOR NEW CAT6A HORIZONTAL COPPER CABLING BACK TO THE CLOSEST COMMS/LAN/DATA ROOM.
2. PROVIDE PATHWAYS (CABLE TRAY OR J-HOOKS) IN CORRIDORS IF EXISTING CABLE TRAYS ARE FULL AND DOES NOT MAINTAIN 40% FILL RATIO.
3. PROVIDE CONDUIT(S) WITH 40% FILL RATIO FROM EACH WALL MOUNTED WORK AREA OUTLET TO THE NEAREST CABLE TRAY/J-HOOKS IN CEILING SPACE IN CORRIDORS.

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Client/Project

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CREDIT VALLEY HOSPITAL

2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

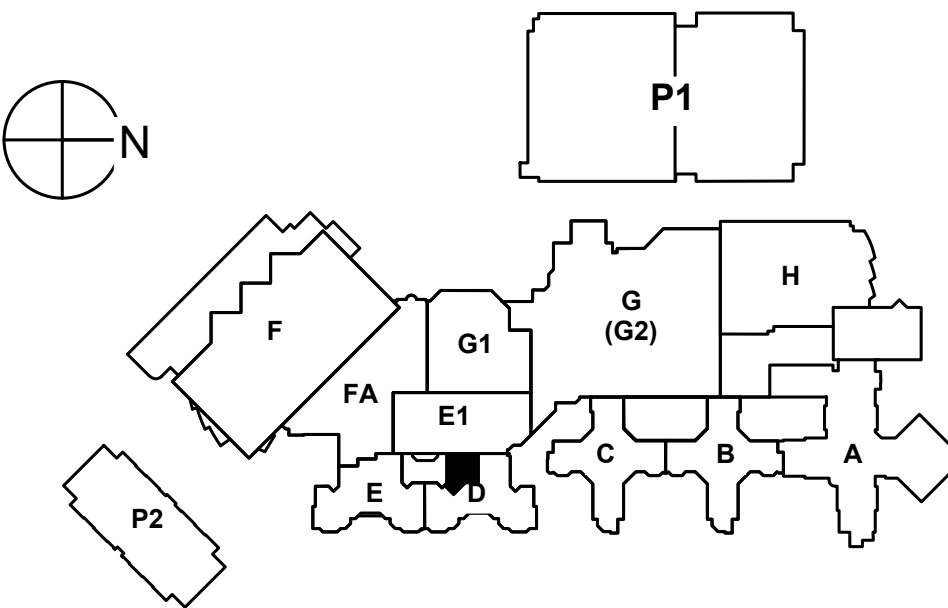
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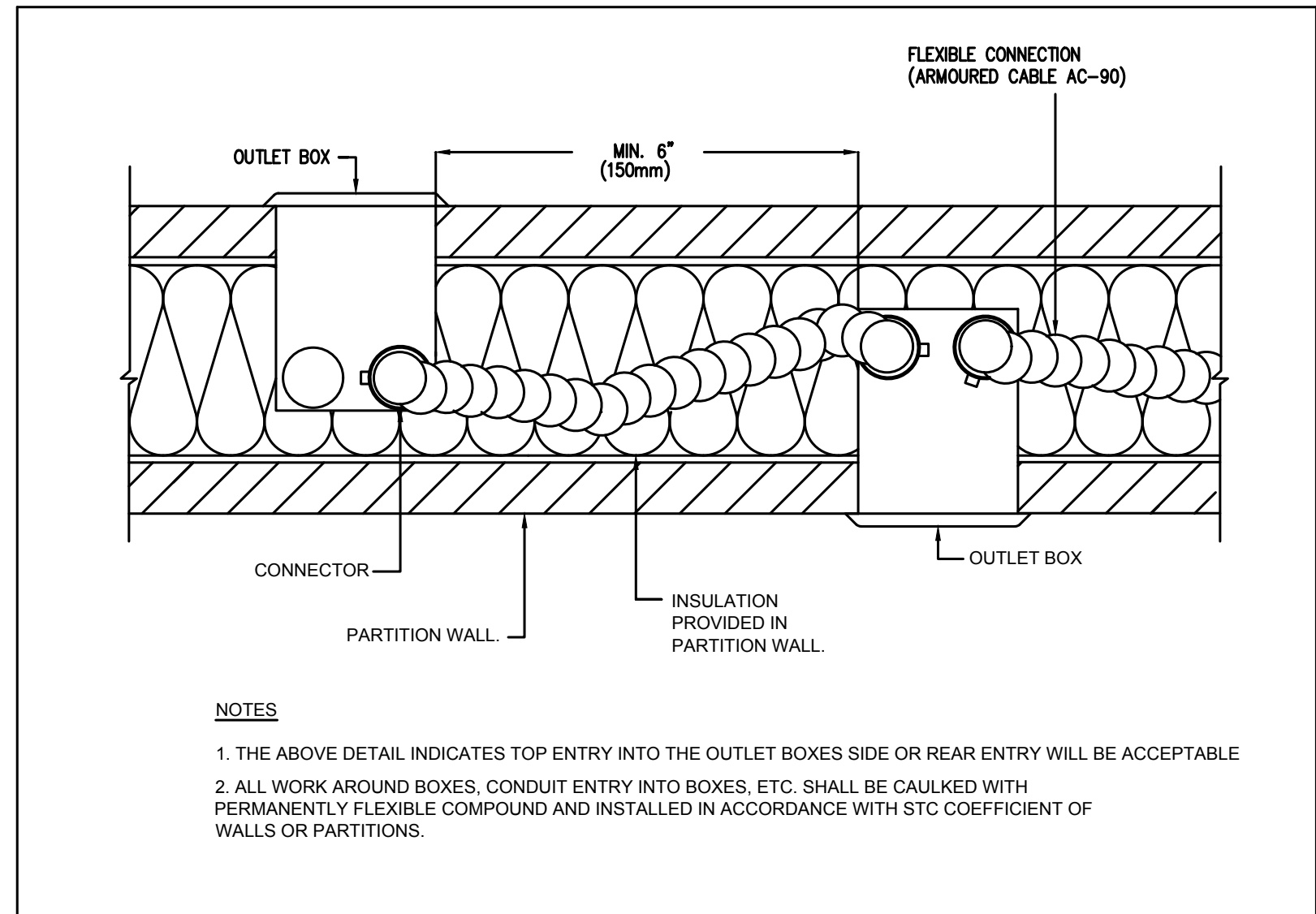
ELECTRICAL RISER DIAGRAM
AND DETAILS

Project No. CA0016106.5411	Scale N.T.S.
Drawing No.	Sheet Revision

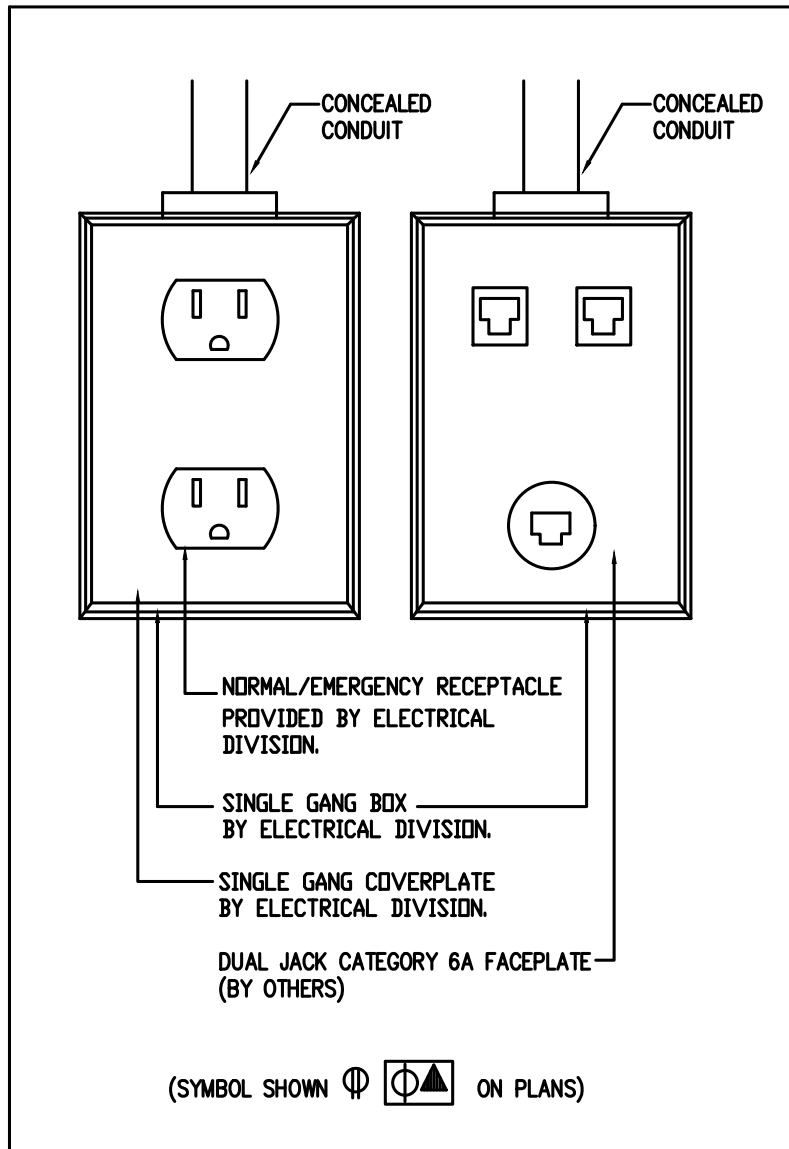
E-800 11 of 15



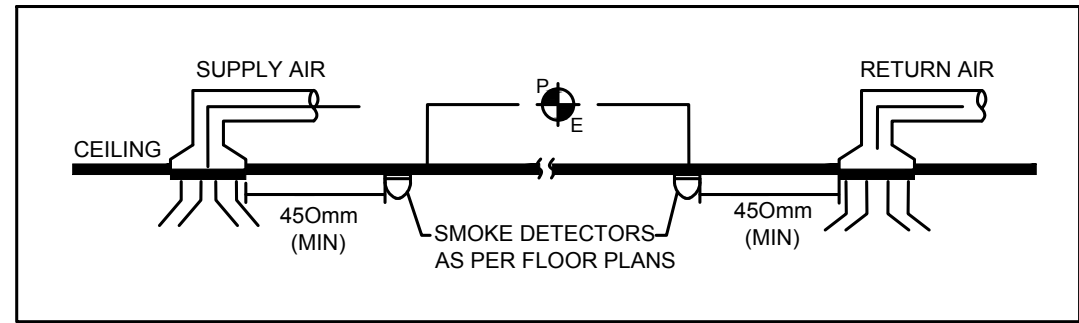
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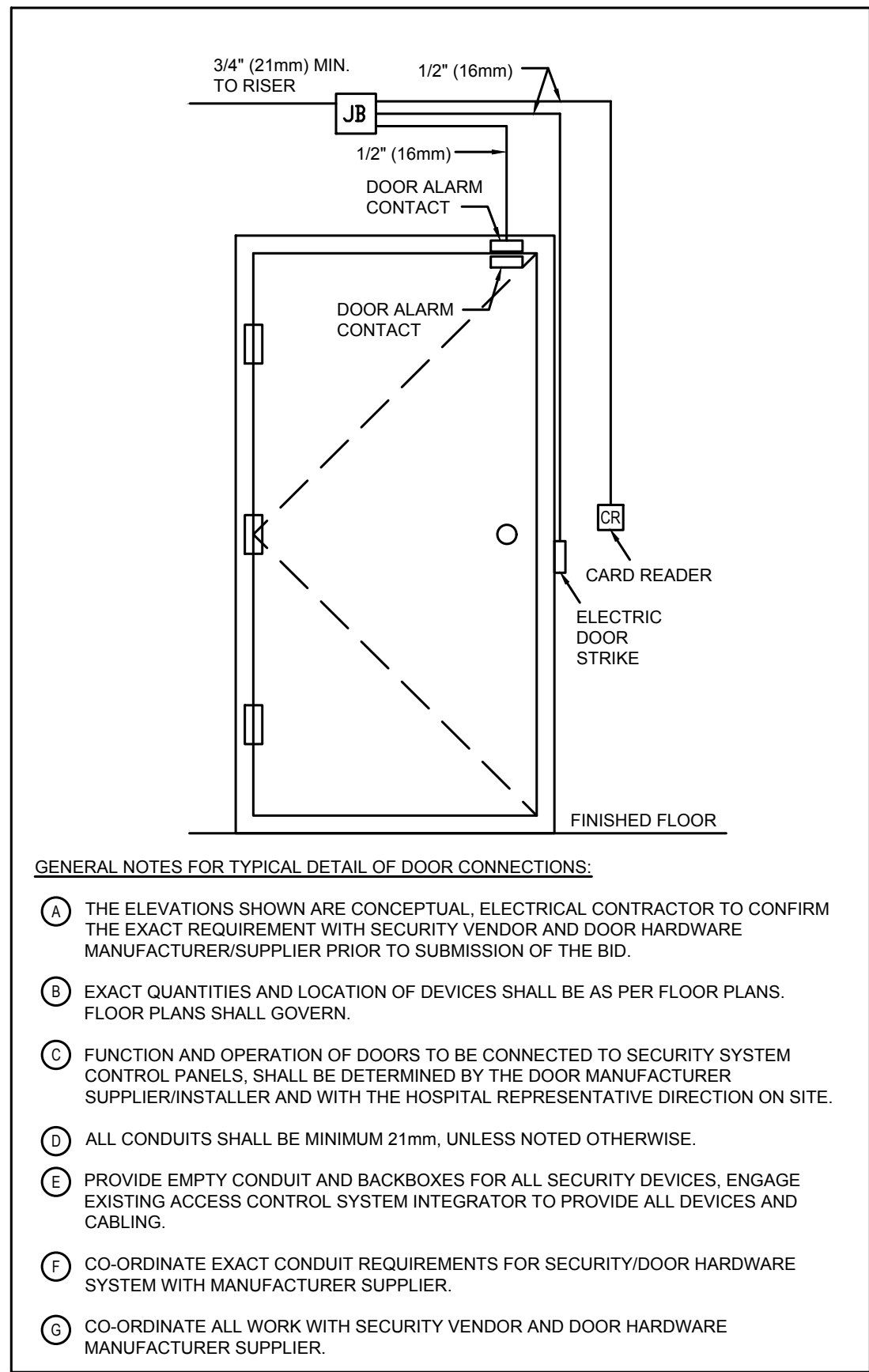
1 MOUNTING DETAILS OF BACK TO BACK OUTLETS
E-801 N.T.S.



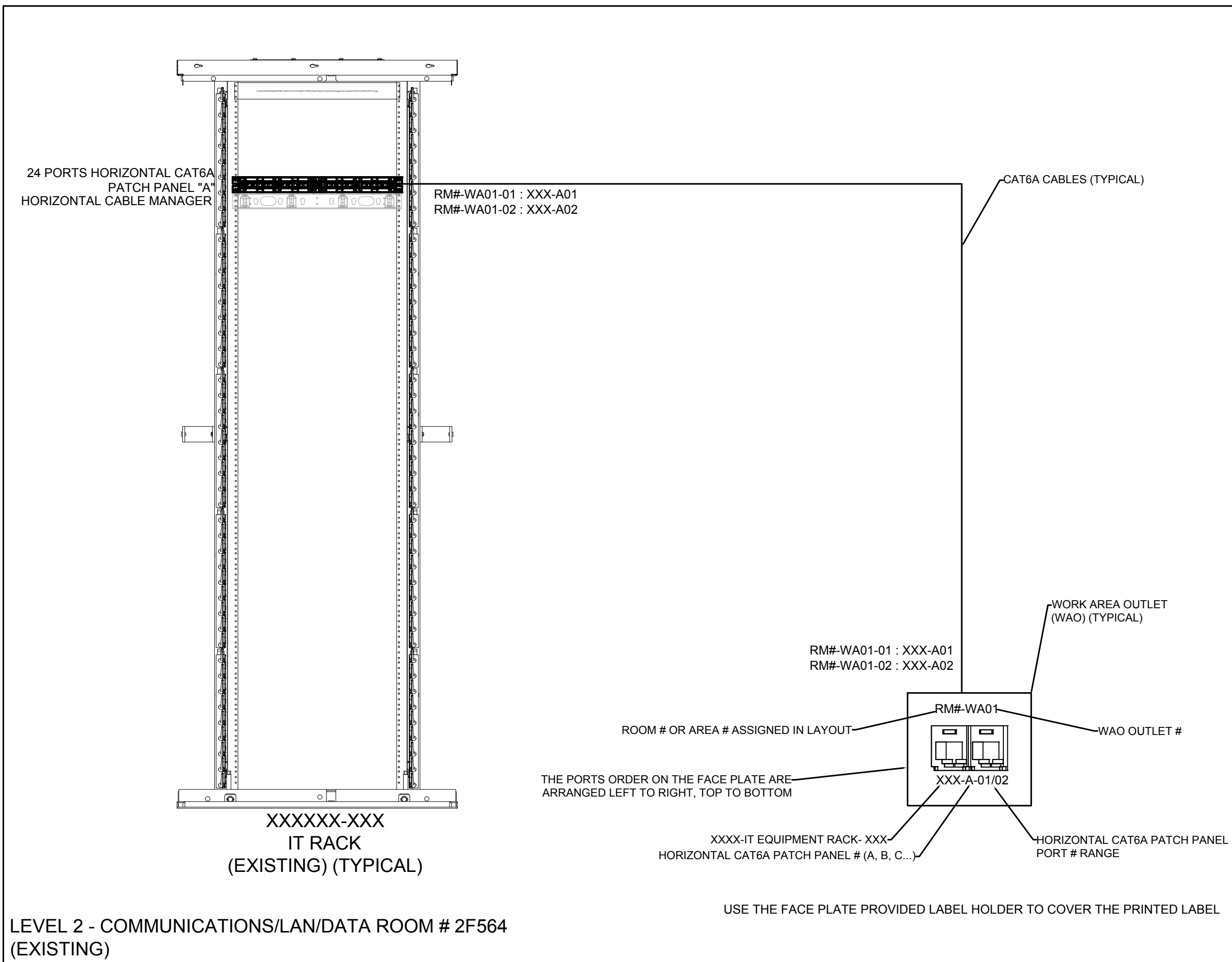
2 WALL MOUNTED OUTLETS
E-801 N.T.S.



3 TYPICAL MOUTING REQUIREMENTS FOR PHOTO ELECTRIC DETECTORS
E-801 N.T.S.

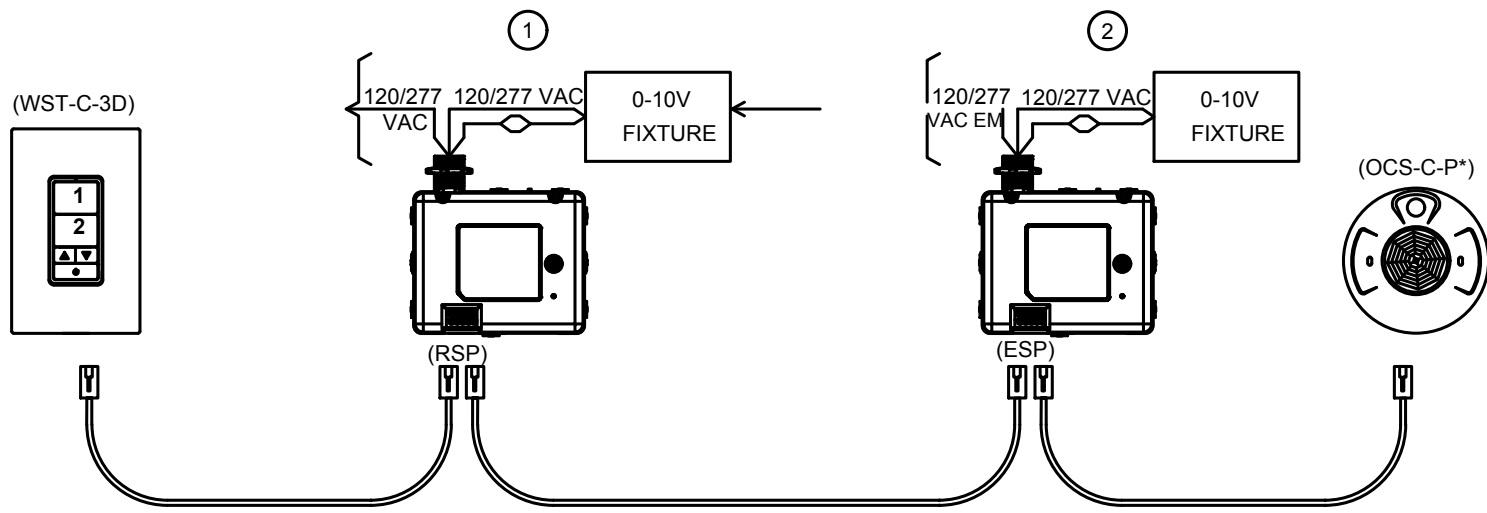


4 TYPICAL ACCESS CONTROL WIRING DETAIL
E-801 N.T.S.



5 HORIZONTAL DISTRIBUTION CAT6A CABLING LABELING DETAILS
E-801 N.T.S.

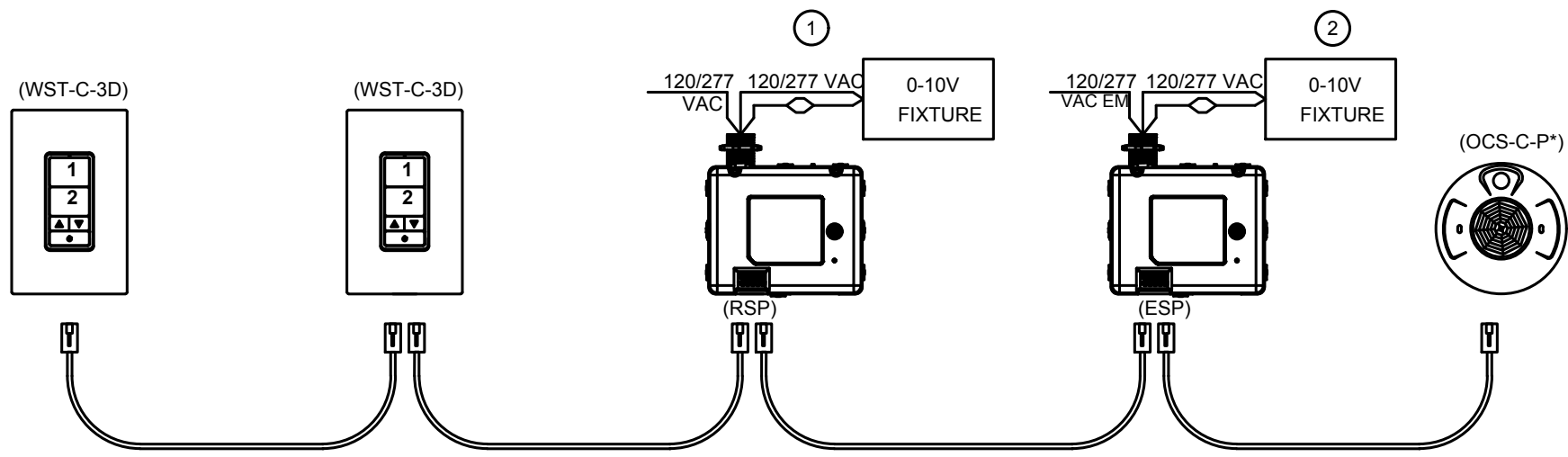
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2024/05/01 4:17 AM By: Praveenkumar, Prabhakaran



CHARTING

1 LIGHTING CONTROL WIRING DIAGRAM

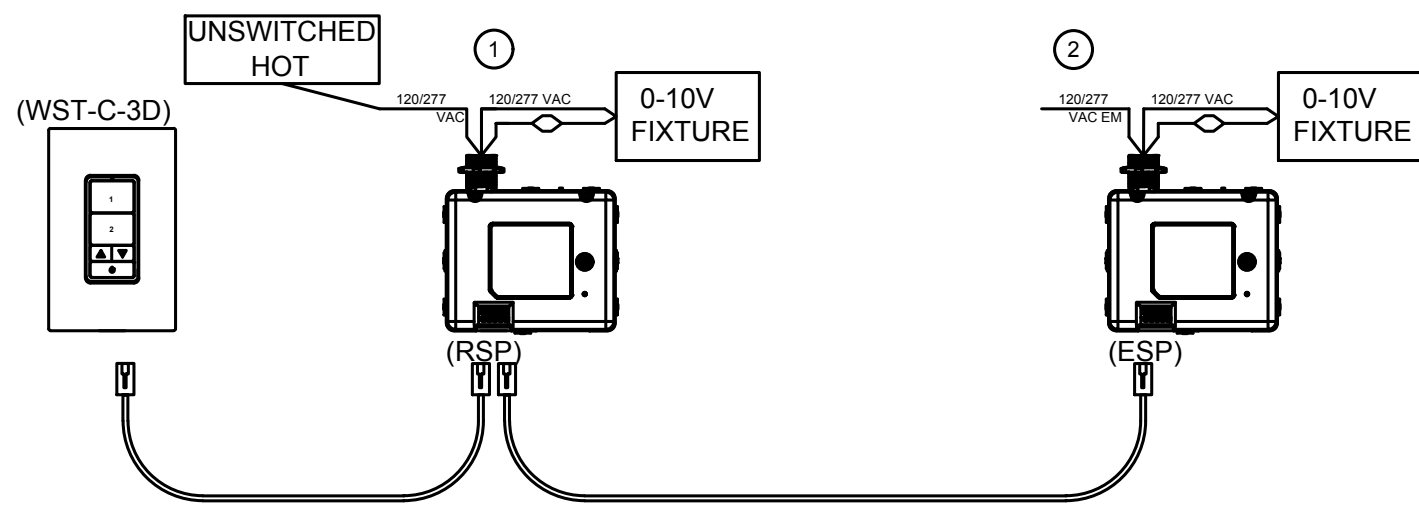
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CONFERENCE ROOM, MED ROOM, NURSE STATION

2 LIGHTING CONTROL WIRING DIAGRAM

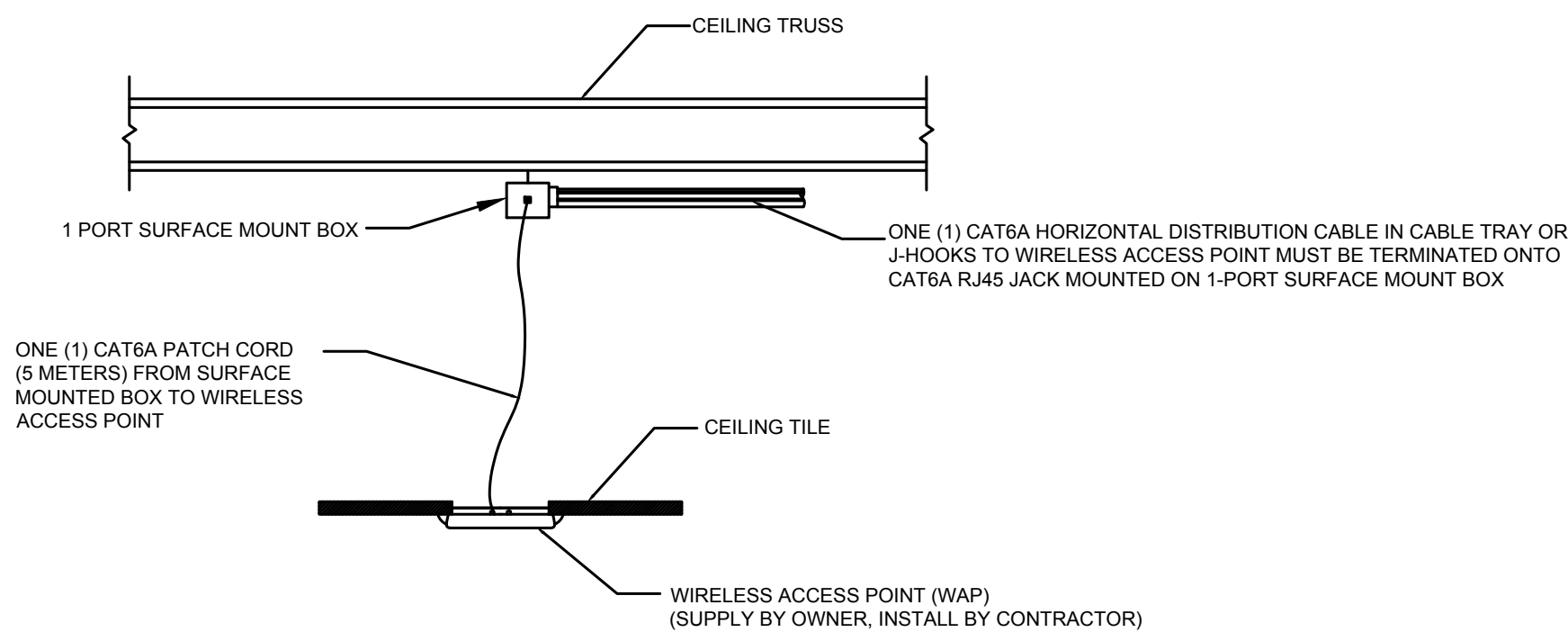
E-802 N.T.S.



SPRUCE ROOM

3 LIGHTING CONTROL WIRING DIAGRAM

E-802 N.T.S.



ONE (1) CAT6A HORIZONTAL DISTRIBUTION CABLE IN CABLE TRAY OR J-HOOKS TO WIRELESS ACCESS POINT MUST BE TERMINATED ONTO CAT6A RJ45 JACK MOUNTED ON 1-PORT SURFACE MOUNT BOX

SOLID WALL/BEAM

1-PORT SURFACE MOUNT BOX

ONE (1) CAT6A PATCH CORD (5 METERS) FROM SURFACE MOUNTED BOX TO WIRELESS ACCESS POINT

SIDE VIEW

WALL MOUNT BRACKET FOR WAP (BY CONTRACTOR)

WIRELESS ACCESS POINT (WAP) (SUPPLY BY OWNER, INSTALL BY CONTRACTOR)

SOLID WALL/BEAM

ONE (1) CAT6A HORIZONTAL DISTRIBUTION CABLE IN CABLE TRAY OR J-HOOKS TO WIRELESS ACCESS POINT MUST BE TERMINATED ONTO CAT6A RJ45 JACK MOUNTED ON 1-PORT SURFACE MOUNT BOX

ONE (1) CAT6A PATCH CORD (5 METERS) FROM SURFACE MOUNTED BOX TO WIRELESS ACCESS POINT

WALL MOUNT BRACKET FOR WAP (BY CONTRACTOR)

FRONT VIEW

WIRELESS ACCESS POINT (WAP) (SUPPLY AND INSTALL BY CONTRACTOR)

6 WAP CABLING TERMINATION DETAIL

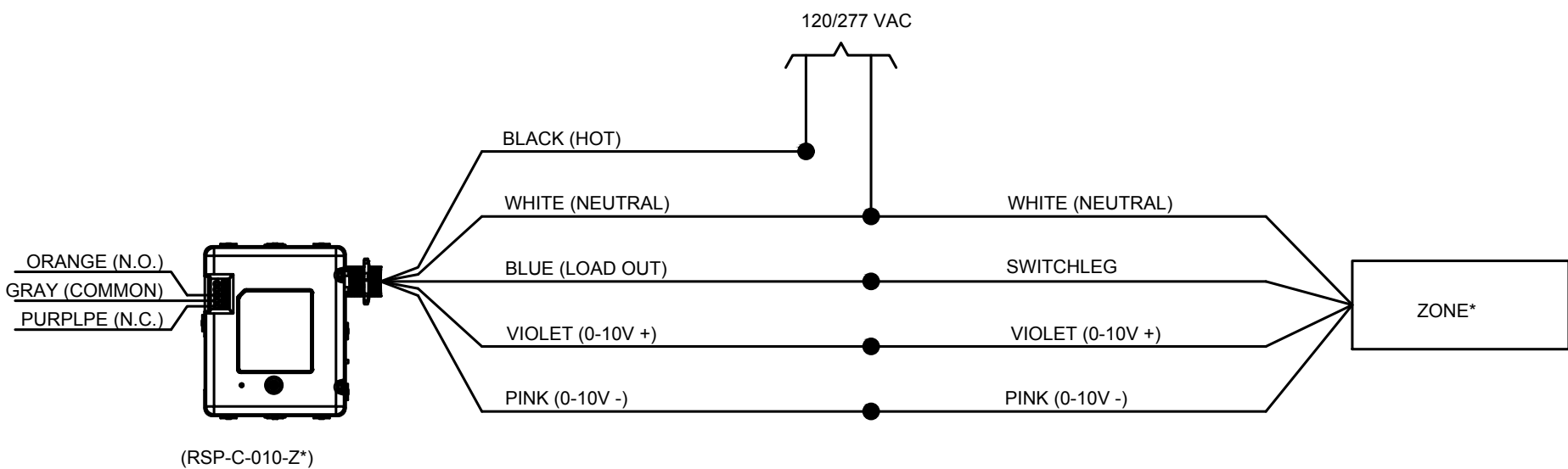
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REFERENCE KEYNOTES:

- 1 REFER TO DETAIL 4/E-804.
2 REFER TO DETAIL 5/E-804.

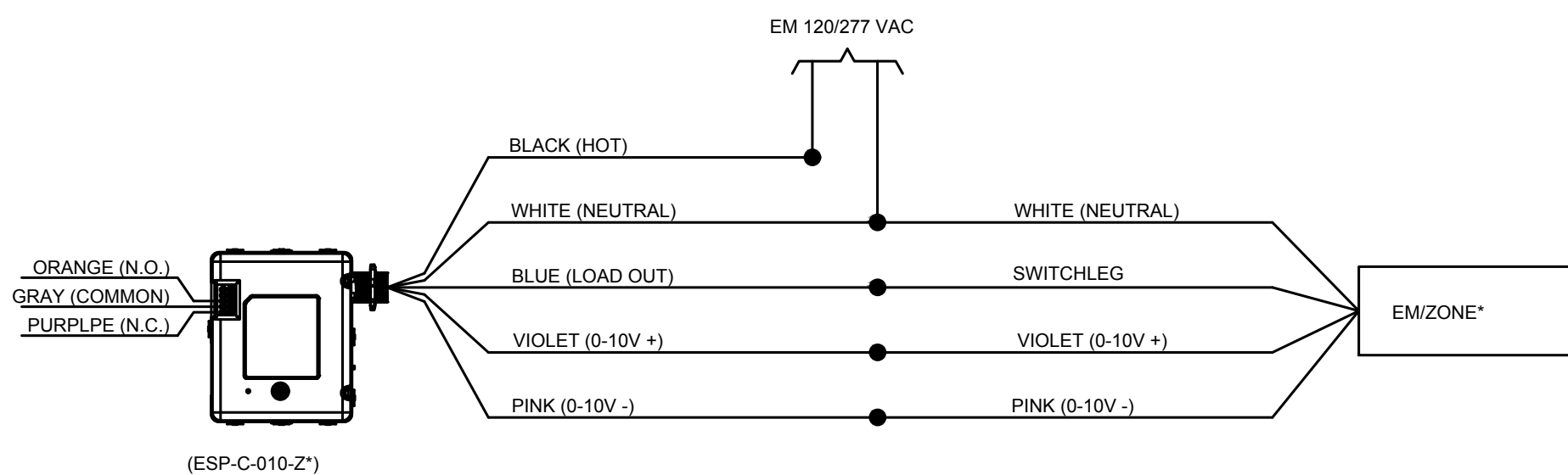
LEGEND

SYMBOL	DESCRIPTION
ESP	WAVELINX CAT ESP-C EMERGENCY RELAY SWITCHPACK - ZONE 1
(OCS_C-P*)	WAVELINX CAT OCCUPANCY CEILING SENSOR
RSP	WAVELINX CAT RSP-C RELAY SWITCHPACK - ZONE 1
WST-C-3D	WAVELINX CAT WALLSTATION, 3 BUTTON DIMMING



4 ON/OFF WITH 0-10V DIMMING (1) RSP-C-010-Z

E-802 N.T.S.



5 EMERGENCY SWITCH PACK PACK (1) ESP-C-010-Z1

E-802 N.T.S.



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200 - 835 Paramount Drive
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www.stantec.com

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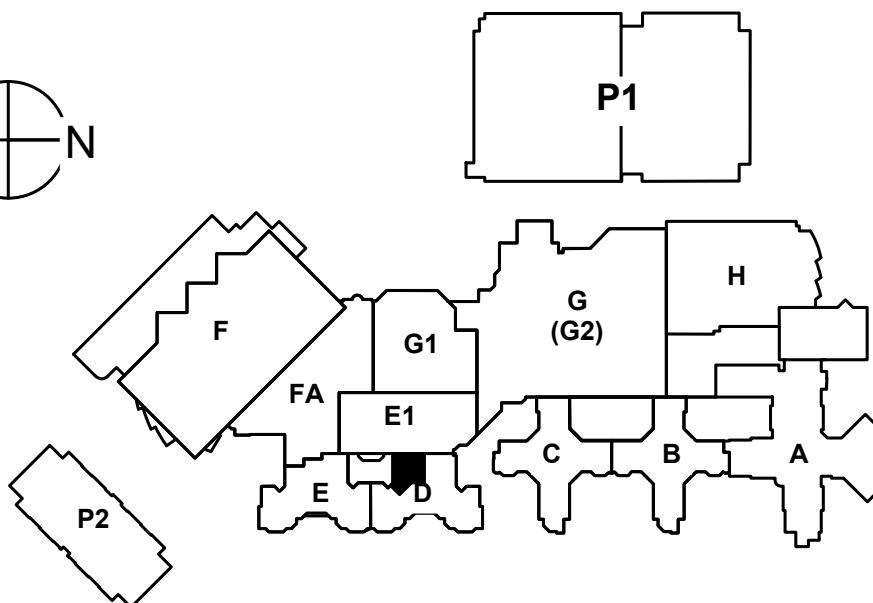
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Keyplan



Notes

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2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION
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Title

ELECTRICAL RISER DIAGRAM
AND DETAILS

Project No.
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2024/06/01 4:17 AM By: Praveenkumar, Prabhakaran

TYPE	CATALOG ORDER KEY	PRODUCT DESCRIPTION	CEILING TYPE	LOCATION	DIMENSION (inch/cm)	VOLTAGE	WATTS	CRI	COLOUR TEMP	LUMENS	DRIVER	MOUNTING			ACCEPTABLE MANUFACTURER	NOTES
												RECESSED	SURFACE	PENDANT		
L1	COOPER FAILSAFE - FCZ , CLEAR LENS, VANDAL RESISTANT 14FCZ2-44-UNV-L935-RDP-CP125-U	1X4 LED SEALED BASKET FIXTURE WITH CLEAR POLYCARBONATE BOTTOM LENS	ACT	NURSE STATION, MEDICATION ROOM, CONFERENCE ROOM	1' X 4'	120	38.3	90	3500K	4400	0-10V	X			COOPER	1,2
L2	COOPER FAILSAFE - FCZ , CLEAR LENS, VANDAL RESISTANT 22FCZ2-44-UNV-L935-RDP-CP125-U	2X2 LED SEALED BASKET FIXTURE WITH CLEAR POLYCARBONATE BOTTOM LENS	ACT	PICU CORRIDOR	2' X 2'	120	42.7	90	3500K	4400	0-10V	X			COOPER	1,2
D1	COOPER FAILSAFE - DOWNLIGHT FLD6C-15-D010 FEU6C-X-90-35 F6X-M-X-H	6" RECESSED DOWNLIGHT, VANDAL RESISTANT WITH CLEAR POLYCARBONATE LENS.	DRYWALL	CORRDOR, PATIENT WASHROOM	6"	120	15	90	3500K	1500	0-10V	X			COOPER	1,2
D1B	COOPER FAILSAFE - DOWNLIGHT FLD6C-30-D010 FEU6C-X-90-35 F6X-M-X-H	SAME AS ABOVE, HIGHER LUMEN PACKAGE.	DRYWALL	SPRUCE ROOM, PATIENT WASHROOM	6"	120	23	80	3500K	2000	0-10V		X		COOPER	1,2,3
W1	COOPER MULTI PURPOSE WALL (MWL) MWL-2-13-13-UNV-L835-EDD	MULTIPURPOSE WALL MOUNTED 2' LED WITH IMPACT RESISTANCE ENDCAPS.	SURFACE	WASHROOM	2'	120	23.8	80	3500K	2550	0-10V		X		COOPER	1,2
NL	COOPER FAILSAFE - NIGHT LIGHT MSN-UNV-W-TP	RECESSED LED NIGHTLIGHT WITH TAMPER RESISTANT SCREWS.	DRYWALL	PICU CORRIDOR		120	3	80	3500		0-10V		X		COOPER	1,2
<div>GENERAL NOTES:</div> <div>1. EXACT SIZE AND FINISH COLOR TO BE COORDINATED WITH ARCHTECT BEFORE ORDERING.</div> <div>2. COORDINATE WITH BELOW SALES AGENCIES FOR FIXTURE QUOTES: FOR COOPER FIXTURES: COOPER LIGHTING SOLUTIONS, DEREK ZWEIF: derek.zwiep@cooperlighting.com, FOR KENALL FIXTURES: RUTENBERG SALES, DEB SAVAGE, deb@rutenbergsales.com,</div> <div>PRODUCT SPECIFIC NOTES:</div> <div>1. FOR DRYWALL APPLICATION, ORDER FLANGE KIT SEPARATELY</div> <div>2. CONTRACTOR TO VERIFY AND PROVIDE ALL MOUNTING ACCESSORIES INCLUDING POWER CORD, CONNECTORS ETC. BEFORE ORDERING THE FIXTURE.</div> <div>3. PROVIDE DIMMABLE DRIVER.</div> <div>4. FIXTURE TO BE SUSPENDED BELOW EXPOSED PIPING WHERE APPLICABLE.</div> <div>5. REFER TO THE ARCHITECTURAL DETAIL DRAWING FOR THE EXACT SHAPE AND LENGTH TO ORDER EACH COMPONENT.</div>																

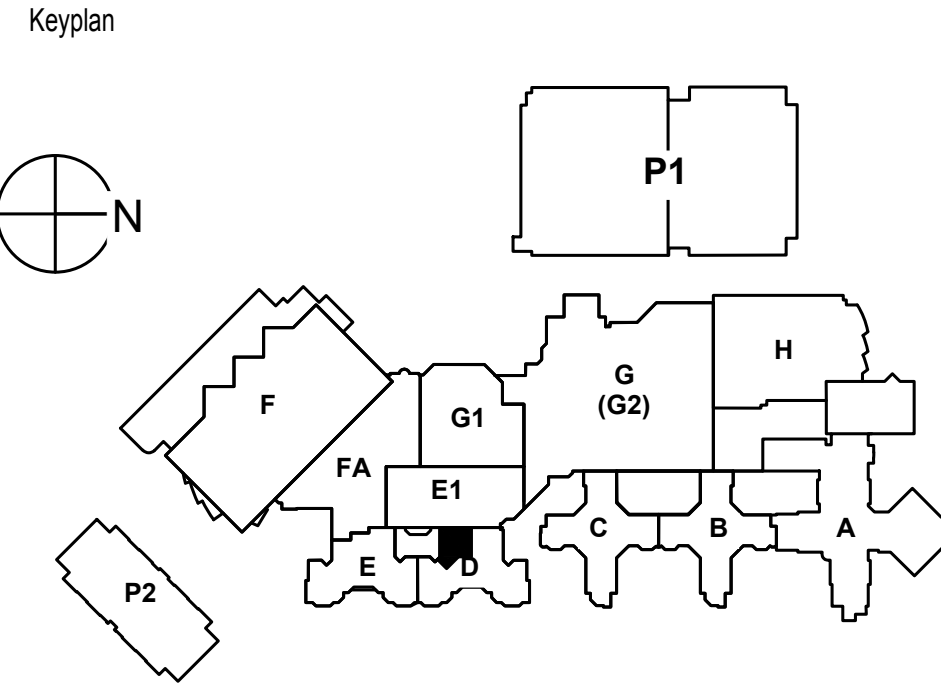


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Consultants

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Notes

_____	_____	_____
_____	_____	_____
_____	_____	_____
ISSUED FOR TENDER	AM	AM 2024-05-31
ISSUED FOR 90%CD	AM	GT 2024-05-14
Issued	By	Appd. YY.MM.DD
File Name:	_____	_____
	Dwn.	Chkd. Dsgn. YY.MM.DD

Permit-Seal

Client/Project

TRILLIUM HEALTH PARTNERS
CREDIT VALLEY HOSPITAL

2D INPATIENT MENTAL HEALTH
SPRUCE SUITE RENOVATION

2200 EGLINTON AVE. WEST

Title

LUMINAIRE SCHEDULE

Project No.
CA0016106.5411

Scale
N.T.S.

Drawing No.

Sheet

Revision

E-900

14 of 15

C:\Users\NPR0251\AppData\Local\Temp\3\WSP_0365\CA0016106-5411_CA-OH_2D Mental Health Psychiatric Unit Project_Rewmp - 05_Technical\03_Electrical\02_BIM-Drawings\06_Construction\Sheets\E-901 - PANEL SCHEDULE.dwg
2024/06/01 4:17 AM By: Proveen Kumar, Probhakaran

ORIGINAL SHEET - ARCH D (24"x36")

FEEDER SCHEDULE																
FEEDER TAG#	ALLOWABLE AMPACITY (A)	CONDUCTOR SIZE	AREA PER	CONDUIT SIZE PER RUN(S)				CONDUIT SIZE PER RUN(S)				MAX FEEDER LENGTH				
			(sq.mm)	(3PH, 3W+GND)				(3PH, 4W+GND)				[% VOLTAGE DROP]				
				EMT	PVC	RMC	FMC	EMT	PVC	RMC	FMC	208V	600V			
F20-C (X)	20	X#12 AWG + #12 AWG GND	46.32	57.9	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	30m (98FT)	87m (287FT)		
F30-C (X)	30	X#10 AWG + #12 AWG GND	58.65	74.34	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	32m (105FT)	92m (304FT)		
F50-C (X)	50	X#8 AWG + #10 AWG GND	100.23	128.41	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"	3/4"	30m (99FT)	87m (287FT)		
F65-C (X)	65	X#6 AWG + #8 AWG GND	142.00	179.94	1"	1"	1"	1"	1"	1"	1"	1"	38m (119FT)	105m (344FT)		
F85-C (X)	85	X#4 AWG + #8 AWG GND	185.44	237.86	1"	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	43m (142FT)	125m (410FT)		
F100-C (X)	100	X#3 AWG + #8 AWG GND	213.97	275.9	1"	1-1/4"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	45m (149FT)	131m (431FT)		
F115-C (X)	115	X#2 AWG + #8 AWG GND	259.64	333.54	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	49m (161FT)	142m (465FT)		
F130-C (X)	130	X#1 AWG + #8 AWG GND	335.09	434.14	1-1/4"	1-1/2"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	53m (174FT)	153m (504FT)		
F150-C (X)	150	X#1/0 AWG + #6 AWG GND	392.66	510.9	1-1/2"	1-1/2"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	2"	1-1/2"	56m (186FT)	163m (537FT)		
F175-C (X)	175	X#2/0 AWG + #6 AWG GND	463.55	605.42	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	2"	59m (194FT)	171m (561FT)		
F200-C (X)	200	X#3/0 AWG + #6 AWG GND	549.86	720.5	2"	2"	2"	2"	2"	2"	2"	2"	63m (208FT)	181m (595FT)		
F230-C (X)	230	X#4/0 AWG + #4 AWG GND	671.53	863.42	2"	2"	2"	2"	2-1/2"	2-1/2"	2"	2-1/2"	65m (215FT)	186m (622FT)		
F255-C (X)	255	X#250 MCM + #4 AWG GND	792.89	1044.54	2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	67m (220FT)	193m (634FT)		
F285-C (X)	285	X#300 MCM + #4 AWG GND	915.59	1208.14	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	2-1/2"	68m (223FT)	196m (645FT)		
F300-C (X)	300	2 RUNS (X#1/0 AWG + #6 AWG GND)	392.66	510.9	1-1/2"	1-1/2"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	56m (186FT)	163m (537FT)		
F310-C (X)	310	X#350 MCM + #3 AWG GND	1055.02	1386.05	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	70m (230FT)	202m (664FT)		
F335-C (X)	335	X#400 MCM + #3 AWG GND	1180.66	1553.57	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	3"	70m (230FT)	204m (669FT)		
F350-C (X)	350	2 RUNS (X#2/0 AWG + #6 AWG GND)	463.55	605.42	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	2"	59m (194FT)	171m (561FT)		
F380-C (X)	380	X#500 MCM + #3 AWG GND	1413.46	1863.97	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3-1/2"	3-1/2"	71m (235FT)	207m (680FT)		
F400-C (X)	400	2 RUNS (X#3/0 AWG + #6 AWG GND)	549.86	720.5	2"	2"	2"	2"	2"	2"	2"	2"	63m (208FT)	181m (595FT)		
F420-C (X)	420	X#600 MCM + #2 AWG GND	1758.64	2320.22	3"	3"	3"	3"	3-1/2"	3-1/2"	3-1/2"	3-1/2"	72m (236FT)	208m (682FT)		
F460-C (X)	460	2 RUNS (X#4/0 AWG + #4 AWG GND)	671.53	863.42	2"	2"	2"	2"	2-1/2"	2-1/2"	2"	2-1/2"	65m (215FT)	186m (622FT)		
F475-C (X)	475	X#750 MCM + #2 AWG GND	2111.89	2791.22	3"	3-1/2"	3-1/2"	3-1/2"	3-1/2"	4"	4"	4"	72m (237FT)	208m (684FT)		
F510-C (X)	510	2 RUNS (X#250 MCM + #4 AWG GND)	792.89	1044.54	2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	67m (220FT)	193m (634FT)		
F570-C (X)	570	2 RUNS (X#350 MCM + #4 AWG GND)	915.59	1208.14	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	2-1/2"	2-1/2"	68m (223FT)	196m (645FT)		
F620-C (X)	620	2 RUNS (X#350 MCM + #3 AWG GND)	1055.02	1386.05	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	70m (230FT)	202m (664FT)		
F670-C (X)	670	2 RUNS (X#400 MCM + #3 AWG GND)	1180.66	1553.57	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	3"	70m (230FT)	204m (669FT)		
F760-C (X)	760	2 RUNS (X#500 MCM + #3 AWG GND)	1413.46	1863.97	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3-1/2"	3-1/2"	71m (235FT)	207m (680FT)		
F765-C (X)	765	3 RUNS (X#250 MCM + #4 AWG GND)	792.89	1044.54	2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	67m (220FT)	193m (634FT)		
F840-C (X)	840	2 RUNS (X#600 MCM + #2 AWG GND)	1758.64	2320.22	3"	3"	3"	3"	3-1/2"	3-1/2"	3-1/2"	3-1/2"	72m (236FT)	208m (682FT)		
F855-C (X)	855	3 RUNS (X#300 MCM + #4 AWG GND)	915.59	1208.14	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	2-1/2"	2-1/2"	68m (223FT)	196m (645FT)		
F930-C (X)	930	3 RUNS (X#350 MCM + #3 AWG GND)	1055.02	1386.05	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	70m (230FT)	202m (664FT)		
F950-C (X)	950	2 RUNS (X#750 MCM + #2 AWG GND)	2111.89	2791.22	3"	3-1/2"	3-1/2"	3-1/2"	3-1/2"	4"	4"	4"	72m (237FT)	208m (684FT)		
F1005-C (X)	1005	3 RUNS (X#400 MCM + #3 AWG GND)	1180.66	1553.57	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	3"	70m (232FT)	204m (669FT)		
F1020-C (X)	1020	4 RUNS (X#250MCM + #4 AWG GND)	792.89	1044.54	2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	67m (220FT)	193m (634FT)		
F1140-C (X)	1140	3 RUNS (X#650MCM + #3 AWG GND)	1413.46	1863.97	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	3-1/2"	71m (235FT)	207m (680FT)		
F1240-C (X)	1240	4 RUNS (X#350MCM + #3 AWG GND)	1055.02	1386.05	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	70m (230FT)	202m (664FT)		
F1260-C (X)	1260	3 RUNS (X#600MCM + #2 AWG GND)	1758.64	2320.22	3"	3"	3"	3"	3-1/2"	3-1/2"	3-1/2"	3-1/2"	72m (236FT)	208m (682FT)		
F1340-C (X)	1340	4 RUNS (X#400MCM + #3 AWG GND)	1180.66	1553.57	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3"	3"	70m (232FT)	204m (669FT)		
F1425-C (X)	1425	3 RUNS (X#750MCM + #2 AWG GND)	2111.89	2791.22	3"	3-1/2"	3-1/2"	3-1/2"	3-1/2"	4"	4"	4"	72m (237FT)	208m (684FT)		
F1520-C (X)	1520	4 RUNS (X#500MCM + #3 AWG GND)	1413.46	1863.97	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"	3-1/2"	3-1/2"	71m (235FT)	207m (680FT)		
F1680-C (X)	1680	4 RUNS (X#600MCM + #2 AWG GND)	1758.64	2320.22	3"	3"	3"	3"	3-1/2"	3-1/2"	3-1/2"	3-1/2"	72m (236FT)	208m (682FT)		
F1900-C (X)	1900	4 RUNS (X#750MCM + #2 AWG GND)	2111.89	2791.22	3"	3-1/2"	3-1/2"	3-1/2"	3-1/2"	4"	4"	4"	72m (237FT)	208m (684FT)		
Notes: (1) X = 3 (FOR 3PH, 3W); 4 (FOR 3PH, 4W) -C: FEEDER CABLES TO BE RW90 COPPER. -FR: FEEDER CABLES TO BE COPPER AND 2 HOURS FIRE RATED. (2) TABLE IS ACCORDING TO ONTARIO ELECTRICAL SAFETY CODE (OESC) 2021-28TH EDITION: TABLES 2, 6A, 9G,16 AND D3. (3) MAXIMUM FEEDER LENGTH FOR 3% VOLTAGE DROP FOR 208V AND 600V SYSTEMS ARE SHOWN ON SEPARATE COLUMNS. (4) EMT = ELECTRICAL METALLIC TUBING, PVC = POLY VINYL CHLORIDE, RMC = RIGID METAL CONDUIT, FMC = FLEXIBLE METAL CONDUIT (5) CONTRACTOR IS RESPONSIBLE TO MEASURE THE ACTUAL DISTANCE ON SITE AND PROVIDE THE CORRECT WIRING/CONDUIT SIZES IF THE DISTANCE IS MORE THAN THE INDICATED AMOUNTS, UPSIZE THE FEEDER TO SUIT. COORDINATE WITH CONSULTANT PRIOR TO ORDERING. (6) CABLE MAY BE LARGE FOR THE PANEL DUE TO VD. CONTRACTOR TO COORDINATE WITH MANUFACTURER PRIOR TO ORDERING AND/OR PROVIDE CONNECTION BOX FOR INCOMING FEEDER AS REQUIRED.														Conduit Size (")	Conduit Size (mm)	
														3/4"	21mm	
														1"	27mm	
														1-1/4"	35mm	
														1-1/2"	41mm	
														2"	53mm	
														2-1/2"	63mm	
														3"	76mm	
														3-1/2"	91mm	
														4"	103mm	

LR-2-2B15 (EXISTING)															
LOAD DESCRIPTION		BREAKERS						BREAKERS				LOAD DESCRIPTION			
AREA SERVED	TOTAL LOAD	GBT	OTHER	20A 1P	15A 1P	15A 2P	CCT No.	PH	CCT No.	GBT	OTHER	20A 1P	15A 1P	TOTAL LOAD	AREA SERVED
EXISTING LOAD							X	1	A	2				X	EXISTING LOAD
EXISTING LOAD							X	3	B	4				X	EXISTING LOAD
EXISTING LOAD							X	5	C	6				X	EXISTING LOAD
EXISTING LOAD							X	7	A	8				X	EXISTING LOAD
EXISTING LOAD							X	9	B	10				X	EXISTING LOAD
EXISTING LOAD							X	11	C	12				X	EXISTING LOAD
EXISTING LOAD							X	13	A	14				X	EXISTING LOAD / RECP. 2362A
EXISTING LOAD							X	15	B	16				X	EXISTING LOAD
EXISTING LOAD							X	17	C	18				X	EXISTING LOAD
EXISTING LOAD							X	19	A	20				X	EXISTING LOAD
EXISTING LOAD							X	21	B	22				X	EXISTING LOAD
EXISTING LOAD							X	23	C	24				X	EXISTING LOAD
EXISTING LOAD							X	25	A	26				X	EXISTING LOAD
EXISTING LOAD							X	27	B	28				X	EXISTING LOAD
EXISTING LOAD / SINK 2362B, WC 2362B							X	29	C	30				X	EXISTING LOAD
EXISTING LOAD / SINK 2362A, WC 2362A							X	31	A	32				X	EXISTING LOAD
EXISTING LOAD							X	33	B	34				X	EXISTING LOAD
EXISTING LOAD							X	35	C	36				X	EXISTING LOAD
EXISTING LOAD							X	37	A	38				X	EXISTING LOAD
EXISTING LOAD							X	39	B	40				X	EXISTING LOAD
EXISTING LOAD							X	41	C	42				X	EXISTING LOAD
EXISTING LOAD							X	43	A	44				X	EXISTING LOAD
EXISTING LOAD							X	45	B	46				X	EXISTING LOAD
EXISTING LOAD							X	47	C	48				X	EXISTING LOAD
EXISTING LOAD							X	49	A	50				X	EXISTING LOAD
EXISTING LOAD							X	51	B	52				X	EXISTING LOAD
EXISTING LOAD							X	53	C	54				X	EXISTING LOAD
EXISTING LOAD							X	55	A	56				X	EXISTING LOAD
EXISTING LOAD							X	57	B	58				X	EXISTING LOAD / SINK 2358, RECP. 2358
EXISTING LOAD							X	59	C	60				X	EXISTING LOAD
EXISTING LOAD							X	61	A	62				X	EXISTING LOAD
EXISTING LOAD							X	63	B	64				X	EXISTING LOAD
EXISTING LOAD							X	65	C	66				X	EXISTING LOAD
EXISTING LOAD							X	67	A	68				X	EXISTING LOAD
EXISTING LOAD							X	69	B	70				X	EXISTING LOAD
EXISTING LOAD							X	71	C	72				X	EXISTING LOAD
EXISTING LOAD							X	73	A	74				X	EXISTING LOAD
EXISTING LOAD							X	75	B	76				X	EXISTING LOAD
EXISTING LOAD							X	77	C	78				X	EXISTING LOAD
EXISTING LOAD							X	79	A	80				X	EXISTING LOAD
EXISTING LOAD							X	81	B	82				X	EXISTING LOAD
EXISTING LOAD							X	83	C	84				X	EXISTING LOAD
PANEL NAME: LR-2-2B15		VOLTAGE		208/120V		CONNECTED LOAD		LOCATION		ELECT CLOSET 2374A					
		MAINS		225A											
		MAIN BREAKER						FED FROM:							
		OTHER REQS.						MOUNTING:							