UHN NUCLEAR MEDICINE SCAN **ROOM RENOVATION**

1475 EDMONTON ST, PRINCE GEORGE, BC V2M 1S2

	DRAWING LIST
E.000	COVER PAGE
E.100	DEMOLITION POWER AND LIGHTING PLAN
E.200	NEW POWER AND LIGHTING PLAN
E.300	ELECTRICAL DETAILS 1
E.301	ELECTRICAL DETAILS 2
E.302	ELECTRICAL DETAILS 3

POWER AND COMMUNICATION OUTLETS PWR & COMM

	<				POWER			PWR & CON			COMMUN	ICATIONS		
		SINGLE	DUPLEX	SPLIT	QUAD	CORD REEL DROP	SPE- CIALTY	STRUC OUT	TURED LET	DATA	VOICE	STRUCTURED OUTLET		
	5-15R	Φ	Φ	⊕	∄	-	Φ	-	-	\\#D	▼ #∨	₩ ^{#D/#V/} #C/#H		
WALL	5-15R GFI	₫	٩	⊕	₩	-	-	-	-	-	-	-		
WALL	5-20R	_ ⊈	\$	⊕	±	-	-	-	-	-	-	-		
	5-20R GFI	₾		\	±	-	-	-	-	-	-	-		
FLOOR	5-15R	-	Φ	-	₽	-	-	₩ #C		⊠ _{#D}	T #V	₩D/#V/ #C/#H		
FLOOR	5-20R	-		-		-	-	₩ #D #C)/#V/ ;/#H	-	-	-	V/ H WALL V/ H FLOOR V/ H CEILING	
	5-15R	-		-		-	-	-	-	Ø#D	\$ #V			
CEILING	5-20R	-		-		-	-	-	-	-	-	-		
CLILING	W/ RCPT	-	-	-	-	O. 5-xxR	-	-		-	-	-	CEILING	
	W/O RCPT	-	-	-	-	Q.	-			-	-	-		
USB: C IG: C HP: H WP: V HK: H	ACLE ABBRI C/W DUAL MI C/W ISOLATE IOSPITAL GF VEATHER RF IOUSE KEEF IOUSE KEEF	n. 3.1a us d groun rade poof ping.	sb ports Id			COMMUNICATION WAP: WIRELESS C: CATV. D: DATA. H: HDMI V: VOICE.			COMMU AS #C F VOICE A IE. 1C/2I	FOR COAX	i outlets (IAL, #D FC)r HDMI D Idicates	S TO BE ANNOTATE DR DATA, #V FOR ROPS. 1 CCTV, 2 DATA, 2	D	

ELECTRICAL POWER, LIGHTING, OTHER EQUIPMENT DESIGN (ENERGY) - ASHRAE:

CANADIAN ELECTRICAL CODE:	2021
BC BUILDING CODE:	2024
ELECTRICAL DESIGN:	
ENERGY STANDARD/CODE:	ASHRAE 90.1-2019
POWER COMPLIANCE PATH:	PRESCRIPTIVE
IN ACCORDANCE WITH:	SECTION 8 (NC AND FIRST TI)
LIGHTING COMPLIANCE PATH:	PRESCRIPTIVE
LIGHTING DESIGN METHOD:	SPACE BY SPACE METHOD
IN ACCORDANCE WITH:	SECTION 9 (NC AND FIRST TI)
OTHER EQUIPMENT PATH:	PRESCRIPTIVE
IN ACCORDANCE WITH:	N/A

	FIRE ALARM
	NOTIFICATION DEVICES
	FIRE ALARM IN-SUITE MINI HORN - WALL
	FIRE ALARM IN-SUITE MINI HORN C/W SILENCE BUTTON - WALL
	FIRE ALARM HORN - WALL / CEILING MOUNTED
	FIRE ALARM HORN AND STROBE - WALL / CEILING MOUNTED
	FIRE ALARM SPEAKER - WALL / CEILING MOUNTED
$\overbrace{}^{\pm}$	FIRE ALARM SPEAKER AND STROBE - WALL / CEILING MOUNTED
	FIRE ALARM BELL - WALL MOUNTED
	FIRE ALARM STROBE - WALL / CEILING MOUNTED
	FIREFIGHTERS TELEPHONE
	INITIATION DEVICES
	MANUAL PULL STATION SMOKE ALARM
Co	SMOKE ALARM/CARBON MONOXIDE DETECTOR COMBINATION
	SMOKE DETECTOR
	DUCT SMOKE DETECTOR WITH TWO AUXILIARY CONTACTS
D BS	BEAM SMOKE DETECTOR (BS) - INDICATES SENDING UNIT
	BEAM SMOKE DETECTOR (BS) - INDICATES SENDING ONT
BR	CARBON MONOXIDE DETECTOR
9	
	AUTOMATIC HEAT DETECTOR (135 F RATE OF RISE)
Æ	AUTOMATIC HEAT DETECTOR F - INDICATES FIXED TEMPERATURE 190 F
FACP	
[FAA]	
ASFP	AIR SAMPLING CONTROL-DETECTOR PANEL
	DOOR HOLDER
	ISOLATION MODULE
MON	MONTOR MODULE
	INDIVIDUAL ADDRESSABLE MODULE
	ZONE ADAPTER MODULE
KHS]	KITCHEN HOOD SYSTEM
REL	RELAY MODULE
MBP	MAG-LOCK BYPASS
FABP	FIRE ALARM BYPASS
EOL	END - OF - LINE RESISTER
<u> </u>	FIRE ALARM REMOTE TROUBLE
	SPRINKLER CONNECTIONS
FS	WATER FLOW SWITCH
TS	TAMPER SWITCH
PS	PRESSURE SWITCH

	POWER
PP	PACPOLE BY ELECTRICAL CONTRACTOR
FP	FURNITURE POLE SUPPLIED BY FURNITURE SUPPLIER, WIRED BY ELECTRICAL CONTRACTOR
FWP	FURNITURE WHIP CONNECTION - POWER
FWC	FURNITURE WHIP CONNECTION - COMMUNICATION
9 D O	JUNCTION BOX - WALL / FLOOR / CEILING
₱ ® ®	PULL BOX - WALL / FLOOR / CEILING
•	DIRECT EQUIPMENT CONNECTION
\$	MOTOR CONNECTION
¢ Ľ	MOTOR CONNECTION C/W DISCONNECT
Ć⊠'	MOTOR CONNECTION C/W DISCONNECT & MAGNETIC STARTER
Ľ	DISCONNECT SWITCH
Ľ	FUSED DISCONNECT SWITCH
Ř	DISCONNECT SWITCH C/W MAGNETIC STARTER
\square	MAGNETIC STARTER
₩	MOTOR RATED DISCONNECT SWITCH
•	CONDUIT RUN UP
• •	CONDUIT RUN DOWN
]	CONDUIT STUB-OUT
۲	PUSH BUTTON
Ū	THERMOSTAT
	GROUND BUS
—	PANEL RECESSED
	PANEL SURFACE
\square	TRANSFORMER (SIZE VARY)
[RRGB]	ROOM REFERENCE GROUND BUS
[VFD]	VARIOUS FREQUENCY DRIVE
	ELECTRIC BASEBOARD HEATER
• •	INDICATES ABOVE COUNTER

	LIGHTING
	TRACK LIGHTS TRACK / HEAD / TRACK & HEAD
	LED TAPE / 90°, 120°, 135°
	SURFACE 2x2
	SURFACE 4x1
	SURFACE 4x2
	SURFACE LINEAR (LENGTH VARY)
	RECESSED 2x2
	RECESSED 4x1
	RECESSED 4x2
	RECESSED LINEAR (LENGTH VARY)
	SUSPENDED 2x2
• •	SUSPENDED 4x1
•	SUSPENDED 4x2
0 0 D	SUSPENDED LINEAR (LENGTH VARY)
	STRIP 2FT / 4FT / LINEAR (LENGTH VARY) - CEILING
	STRIP 2FT / 4FT / LINEAR (LENGTH VARY) - WALL MOUNTED
a a a-	CEILING MOUNTED SURFACE (ARROW INDICATES DIRECTION)
Ø Ø Ø-	RECESSED - CEILING (ARROW INDICATES DIRECTION)
Ø	RECESSED - UNDER CABINET MOUNTED
\odot \odot	CEILING MOUNTED PENDANT / LINEAR (LENGTH VARY)
Q Q	WALL MOUNTED SURFACE
Ø Ø	WALL RECESSED LIGHT
	SOLID HATCH INDICATES EMERGENCY POWER SOURCE
\$ \$ \$	LINE VOLTAGE SWITCH - SINGLE, DOUBLE OR TRIPLE GANG BOX
•	LOW VOLTAGE SWITCH - SINGLE ZONE
(LOW VOLTAGE SWITCH - DUAL ZONES
\$ [#]	LOW VOLTAGE SWITCH - # INDICATE NUMBER OF CONTROL ZONES
 	OCCUPANCY / VACANCY SENSOR - CEILING MOUNTED
	DAYLIGHT SENSOR - CEILING MOUNTED
®	PHOTOCELL - CEILING OR WALL MOUNTED
	BOLLARD LIGHT SQUARE (ARROW INDICATES DIRECTION)
	BOLLARD LIGHT ROUND (ARROW INDICATES DIRECTION)
Q-	POLE MOUNTED LIGHT - SINGLE HEAD
0 - 0	POLE MOUNTED LIGHT - DOUBLE HEADS
	POLE MOUNTED LIGHT - TOP HEAD
Q	LIGHT POLE ONLY (NO LAMP)
	STEP LIGHT
\mathbf{X}	IN-GROUND LIGHT
	LIGHTING RELAY PANEL RECESSED
	LIGHTING RELAY PANEL SURFACE
LIGHTING WALL SWIT	L CH AND LIGHTING ABBREVIATIONS
VS: VACANCY SEN D: DIMMING DOS: DIMMING AND DVS: DIMMING AND T: TIME CONTROI MS: MASTER SWITC SB: SWITCH BANK	ENSOR. CUPANCY SENSOR SWITCH (POLE & AUTO-ON / POLE & MANUAL-ON) SOR OCCUPANCY SENSOR COMBO VACANCY SENSOR COMBO - SWITCH CH
NL: NIGHT LIGHT (N K: KEY SWITCH.	OWER SOURCE. NON-SWITCHED). SHALL BE SET 15 MINUTES OFF TIME DELAY.
	EMERGENCY LIGHTING

		EMERGENCY LIG	GHTING	6	
	Q	EXIT SIGN WALL - FRONT FACE (A	RROW INDI	CATES DIRECTION)	
	Q QI	EXIT SIGN WALL SIDE - SINGLE FA	CE (ARROV	N INDICATES DIRECTION)	
		EXIT SIGN WALL SIDE - DOUBLE F	ACES (ARR	OW INDICATES DIRECTION)	
	8	EXIT SIGN CEILING - SINGLE SIDEI	D (ARROW	INDICATES DIRECTION)	
		EXIT SIGN CEILING - DOUBLE SIDE	INDICATES DIRECTION)		
	Y 4.A	WALL MOUNTED REMOTE HEADS	- SINGLE O	R TWIN.	
	₹ ►⊙▲	CEILING MOUNTED REMOTE HEAD	DS - SINGLE	OR TWIN.	
	⊟BP#	WALL MOUNTED BATTERY PACK			
		WALL MOUNTED BATTERY PACK (C/W TWIN H	EADS	
		BATTERY PACK C/W TWIN HEADS - WALL OR CEILING MOUNTED	AND EXIT S	SIGN (FRONT FACE)	
	▲	BATTERY PACK C/W TWIN HEADS - WALL OR CEILING MOUNTED	AND EXIT S	SIGN (DIRECTIONAL)	
		WALL MOUNTED ZONE SENSING C	CONTROL B	OX	
ABBRE	VIATIONS:				
Е	= EXISTING EQUIPME	ENT TO REMAIN	AFF	= ABOVE FINISHED FLOOR	
R		EQUIPMENT AND ASSOCIATED	RI	= ROUGH-IN	
	WIRING AND DEVI		HK	= HOUSEKEEPING RECEPTACLE	
ER		ENT TO BE RELOCATED	EM	= EMERGENCY POWERED DEVICE	
ERR	= EXISTING EQUIPME REPLACED WITH I	ENT TO BE RELOCATED AND	FR	= FRIDGE (DEDICATED RECEPTACLE)	
RP	-	ENT IN RELOCATED POSITION	MW	= MICROWAVE (DEDICATED RECEPTACLE	=)
RN		ENT TO BE REPLACED WITH NEW	DW	= DISHWASHER	
HE		TO BE CONFIRMED WITH	RNG	= RANGE	
	ARCHITECT)		RNGHD) = RANGE HOOD	
BP#	= BATTERY PACK (# I	NDICATES BP NUMBER)	WSHR	= WASHING MACHINE	
GFCI	= GROUND FAULT CI		DRYR	= CLOTH DRYER	
WP	= WEATHERPROOF		CKTP	= COOK TOP	
ADO	= AUTOMATIC DOOR	OPERATOR	OV	= OVEN	
+XX	= DIMENSIONED HEI	GHT ABOVE FINISHED FLOOR	WO	= WALL OVER	

	VIDEO SURVEILLANCE
	CCTV CAMERA (90 DEG / 180 DEG / 270 DEG) - WALL / CEILING MOUNT
	CCTV CAMERA (90 / 180 / 270 / 360 DEG) - CEILING MOUNTED
	CCTV CAMERA (90 / 270 DEG) - POLE MOUNTED
	ACCESS CONTROL
B	DOOR BUZZER - BELL
CR	CARD READER
CRI®	CARD READER C/W KEY PAD
®	REQUEST TO EXIT PUSH BUTTON
[REX]	REQUEST TO EXIT (BY DOOR HARDWARE CONSULTANT)
DC	DOOR CONTACT
WC	WINDOW CONTACT
ES	ELECTRIC STRIKE
EH	ELECTRIC HARDWARE
ML	SECURITY DOOR ALARM MAGNETIC LOCK
ML \$к	MAGNETIC LOCK RESET KEY SWITCH
LD	EMEGENCY LOCK DOWN
ACP	ALARM CONTROL PANEL
DCP	DOOR ACCESS CONTROL PANEL
[IC]	INTERCOM UNIT
MIC	MASTER INTERCOM AND DIRECTORY UNIT
	DURESS ALARM SYSTEM
¥ ¥	SECURITY STROBE - WALL / CEILING MOUNTED
	SECURITY ALARM - WALL / CEILING MOUNTED
	SECURITY ALARM AND STROBE - WALL / CEILING MOUNTED
	PANIC ALARM PUSH BUTTON (WALL MOUNTED / UNDER DESK)
®.	SECURITY STATION PULLCORD (DURRESS CALL)
	INTRUSION DETECTION
@ @	MOTION DETECTOR - WALL / CEILING MOUNTED
@ @	GLASS BREAK DETECTOR - WALL / CEILING MOUNTED
KP	SECURITY KEY PAD

	GENERAL
(#) (#) (#)	KEY NOTE - CIRCLE
#	KEY NOTE - HEXAGON
# #	KEY NOTE - SQUARE
# DWG	DETAIL MARK
# DWG	DETAIL MARK C/W LEADER
# DWG	SECTION VIEW
# DWG	SECTION CUT
A D C	ELEVATION VIEWS
z	NORTH ARROW
#\	REVISION TRIANGLE
XX YYY ZZZZ	TEXT BOX
ZZZ	GENERAL TAG BOX
(MAU-E100)	MECHANICAL EQUIPMENT TAG / SLD FEEDER SIZE
<u>L10</u>	LUMINAIRE TAG
(XX-YY)	PROCESS EQUIPMENT TAG
	BRACKET
5 4	BREAK / CONTINUATION MARK
X/Y"= 1'-	0 F'-I" F'-I" 0"
) E.000 COV	LINE1 LINE2 ER PAGESCALE: X/X" = 1'-0" (1:50)

138, Van t.77	West 8th Ave	au Architecture + Design nue, n Columbia), V5Y 1N2	In
	ncouver Mo	ntreal	
	•		
			Γ
			┢
			┢
			┢
			┢
			┢
			┢
			┢
			┢
			┢
			┢
6	16/10/24	ISSUED FOR	0
U	10,10,21	CONSTRUCTION	ľ
5	18/09/24	ISSUED FOR BP	
4	05/09/24	ISSUED FOR IFT	(
3	21/08/24	90% CD	(
2	02/08/24	60% CD	(
1	18/07/24	30% CD	1
#	Date	Description	R
rovi	isions	· ·	

architect

THIBODEAU

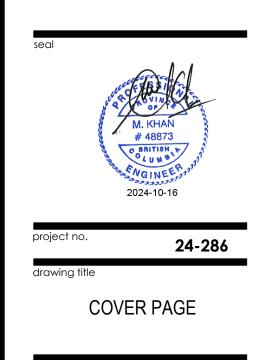
Thibodeau Architecture + Design Inc. A written approbal by J.R.T.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissior



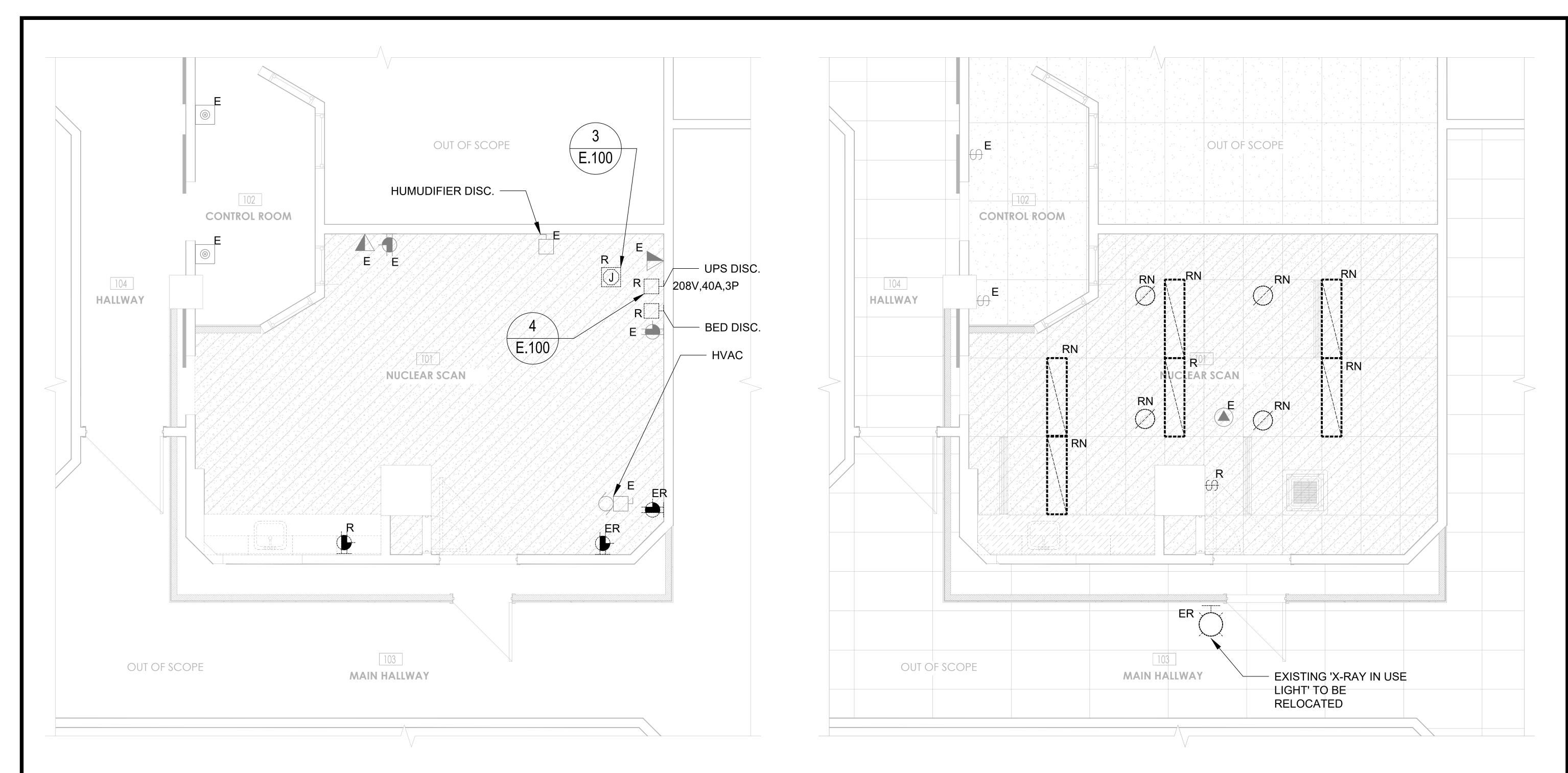
Z



IIO 4 \sim RENO S ΪĽΣ $\sim \sim$ BCB **N** N N N N N N N N ШC 1475 PRINCE MEDI NUCLEAR



date	202	4-07-18	sheet numbe	er
scale	As inc	dicated	E.000	
drawn	by (OK/HY		
check	ed by	MK	rev no.	06





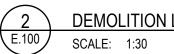
DEMOLITION POWER PLAN SCALE: 1:30











DEMOLITION LIGHTING PLAN



GENERAL DEMOLITION NOTES:

- A. NEW LIGHTS ARE TO UTILIZED EXISTING LIGHTING CIRCUITS AND LIGHTING CONTROLS. EXTEND WIRING AND CONDUIT AS REQUIRED TO NEW LIGHTS.
- CONTRACTOR SHALL REVIEW AND COORDINATE WITH ARCHITECTURAL DRAWING TO DETERMINE THE EXACT EXTENT OF THE BUILDING DEMOLITION WORK BEING DONE.
- ALL REDUNDANT, UNUSED WIRING AND JUNCTION С. BOXES, INCLUDING ANY WIRING IN THE CEILING SPACE SHALL BE REMOVED BY THIS CONTRACTOR. ALL UNUSED WIRING SHALL BE REMOVED BACK TO SOURCE AND MADE SAFE.
- ALL DEVICES SHOWN OUTSIDE OF THE DEMOLITION D. AREA ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. ENSURE DEVICES TO REMAIN CONTINUE TO WORK AND AREN'T IMPACTED. DO NOT REMOVE ANY CABLING/WIRING FOR OUTLETS OR EQUIPMENT THAT ARE NOT WITH THE CURRENT CONSTRUCTION SCOPE OF WORK AREA.
- E. ALL DEVICES SHOWN WITHIN THE DEMOLITION AREA

INDICATED TO BE REMOVED & REINSTALLED ARE TO BE REMOVED AND STORED FOR REUSE, AND REINSTALLED DURING RENOVATION, UNLESS OTHERWISE NOTED. THE CONTRACTOR IS TO REVIEW ARCHITECTURAL DRAWING AND REVIEW THE SITE IN DETAIL TO DETERMINE THE EXACT QUANTITIES AND LOCATIONS OF ELECTRICAL EQUIPMENT INCLUDED IN THE DEMOLITION AREA. ALLOW FOR REMOVAL AND REINSTALLATION OF PANELS, DEVICES AND ALL ASSOCIATED WIRING & CONDUIT.

- F. FOR ALL EXISTING DEVICES INDICATED AS EXISTING TO REMAIN, OR NOT INDICATED TO BE REMOVED, REMOVE AND REINSTALL AS REQUIRED TO ALLOW FOR DEMOLITION AND CONSTRUCTION AS NECESSARY. COORDINATE WITH OTHER TRADES FOR THIS WORK. LUMINAIRES AND OTHER CEILING MOUNTED DEVICES, WHICH ARE TO REMAIN, SHALL REMAIN OPERATIONAL AND SHALL BE PROPERLY SUPPORTED AFTER DEMOLITION.
- G. FOR ALL ITEMS INDICATED TO BE REMOVED, REMOVE ITEMS INCLUDING CONDUIT AND WIRING ALL THE WAY BACK TO THE NEAREST PANELBOARD OR SOURCE AND MAKE IT SAFE. DISPOSE OF WASTE MATERIALS APPROPRIATELY, OR RECYCLE AS APPLICABLE.

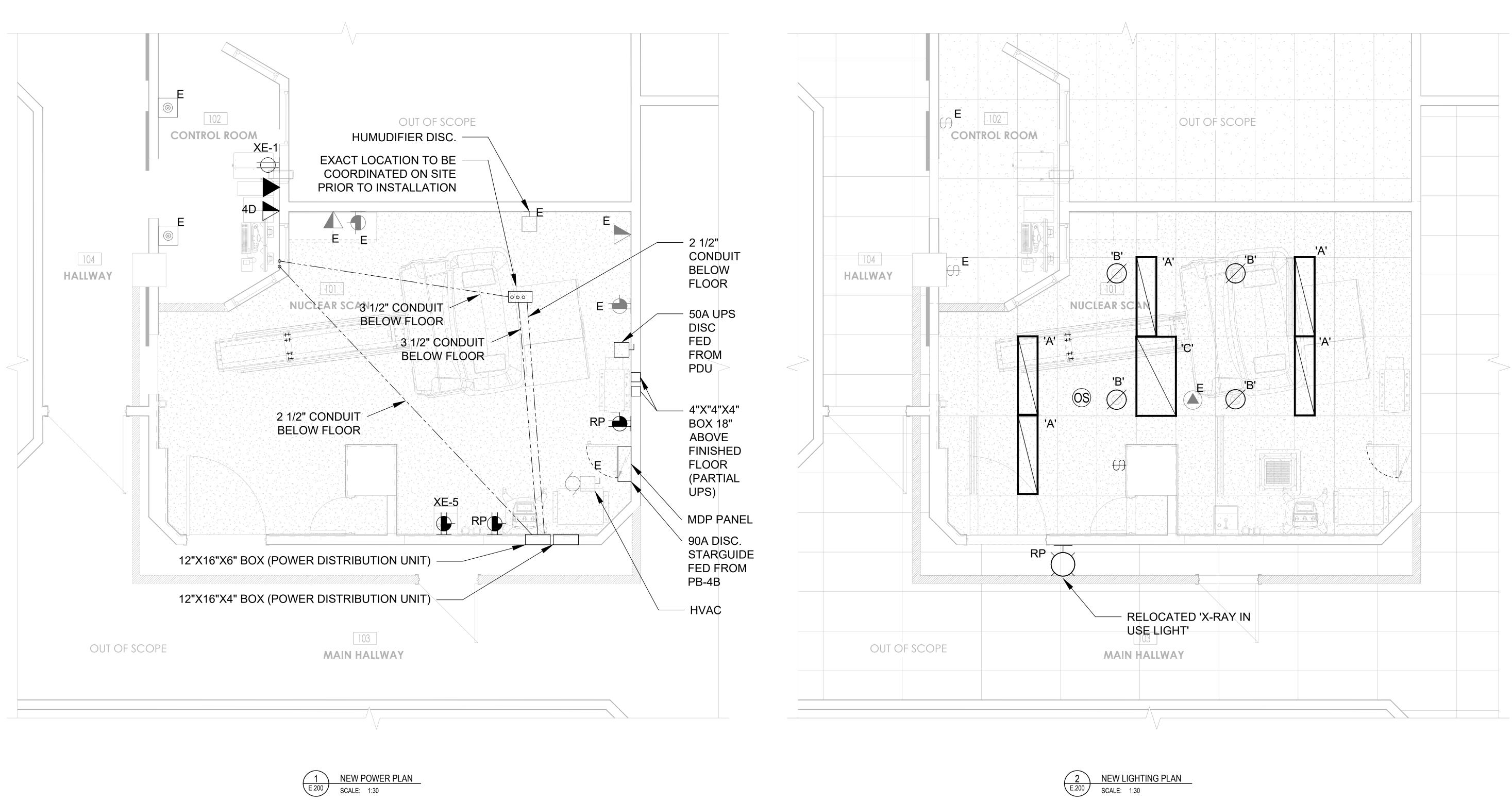
CONTRACTORS IN DETERMINING THE APPROXIMATE EXTENT OF THE EXISTING EQUIPMENT TO BE REMOVED AND THE EQUIPMENT TO BE RE-USED. THESE DRAWING ARE PROVIDED FOR THE BIDDING PROCESS AND ARE FOR INFORMATION PURPOSES ONLY. EXACT COUNTS AND EXTENT OF WIRING TO BE REMOVED, RE-USED, RELOCATED IS TO BE DETERMINED ON SITE BY THE CONTRACTOR. CONTRACTOR SHALL ALLOW FOR RELOCATION, RE-WIRING OF OUTLETS AND DEVICES WHICH ARE NOT SHOWN ON DRAWING BUT WHICH MAY BE FOUND AS WORK PROCEEDS. CONTRACTOR TO USE HIS EXPERIENCE AND BEST JUDGMENT FROM SITE VISIT AND WORK OF A SIMILAR NATURE TO DETERMINE HOW MUCH WORK THIS WILL ENTAIL. MAKE ALLOWANCE IN TENDER PRICE AS NECESSARY. THE CONTRACTOR IS TO ALLOW FOR SITE VISITS, PRIOR TO SUBMITTING TENDER, TO VERIFY ALL ITEMS THAT ARE TO BE REMOVED, REINSTALLED AND TO REMAIN OPERATIONAL.

- STORE ITEMS FOR REUSE, SUCH AS LUMINAIRES, FIRE ALARM DEVICES, SECURITY DEVICES, AND PANELBOARD WHERE INDICATED. HAND OVER ITEM TO OWNER FOR REUSE, IF REQUIRED BY OWNER.
- H. THE INTENT OF THESE DRAWING IS TO AID BIDDING
- I. FIRE ALARM AND OTHER LIFE SAFETY SYSTEM DEVICES SHALL BE PROPERLY PROTECTED AND REMAIN OPERATIONAL DURING AND AFTER DEMOLITION. WHERE FIRE ALARM DEVICES ARE REQUIRED TO BE RELOCATED TO FACILITATE CONSTRUCTION ACTIVITIES, RECONNECT AND PERFORM RE-VERIFICATION AS REQUIRED.
- J. ALL CABLING THAT NEEDS MOVING OR TERMINATIONS REMOVED WILL BE LABELED PRIOR TO ANY WORK AND WILL BE RE-USED IF APPROPRIATE, OTHERWISE NEW CABLES WILL BE INSTALLED TO NEAREST COMMUNICATIONS CLOSET.

t.778.330. ⁻ www.goTA Vancouve	1139	lumbia), V5`		
5 18/0 4 05/0 3 21/0 2 02/0 1 18/0	CC 09/24 IS 09/24 IS 08/24 08/24 08/24 07/24	ISSUED FO DNSTRUC SUED FO SUED FO 90% CI 60% CI 30% CI Descript	CTION R BP R IFT D D D	06 02 02 07 Re
Thiboded written of prior to of Contract on site a	ving is the p au Archited pprobal b ny use of t tors must v nd immedi t of all erro	cture + De y J.R.T.A.D this drawin erify all dir iately infor	esign Inco. is requ ig. mensior m the issions. issions. issions. issions. issions. issions. issions. issions.	c. A uireo ns tron
client	NUCLEAR MEDICAL SCAN ROOM RENOVATION	1475 FDMONTON STRFFT	PRINCE GEORGE BC VOM 150	
seal		M. KHAN # 48873	Cranton Concernance	

DEMOLITION POWER AND LIGHTING PLAN

date	2024-07-18	sheet number
scale	As indicated	E.100
drawn	^{by} OK/HY	
check	ed by MK	rev no. 06



		CCT.		PH.	L. L.	CCT.		
DESIGNATION	BKR NO. A B C NO.		NO.	BKR	DESIGNATION			
CONTROL ROOM 102 COMPUTER	15A	1				2	15A	REC
PLUG & VIEWER EXAM	15A	3				4	15A	REC
NUCLEAR SCAN 101 FAUCET RECEP	15A	5				6	15A	REC. NUC MED 2
PLUGS COMPUTER ROOM	15A	7				8	15A	COMPUTER
PLUGS CAMERA ROOM	15A	9				10	15A	TELEREPEATER PLUG
PLUGS MEDIUM LAB	15A	11				12	15A	TELEREPEATER PLUG
PLUGS MEDIUM LAB	15A	13				14	15A	RM 3 20 AMP
PLUGS MEDIUM LAB	15A	15				16	15A	RECEPTACLE GFCI SLEEP RM 4 0
PLUGS INJECTION	15A	17				18	15A	DR. REGISTRAR
PLUGS T.U.T	15A	19				20	15A	FUME HOOD LIGHTS/REC
PLUGS SCANNER	15A	21				22	15A	SPARE
SPARE	20A	23				24	15A	SPARE
SPARE	15A	25				26	15A	DATA CLOSET RACK RECEPT
POTLTS HAWKEYE	30A	27				28	15A	LIGHTS LAB
POTLTS HAWKEYE	30A	29				30	15A	LIGHTS INJECTION
	15A	31				32	15A	LIGHTS SCANNER & TUT
GAMMA CAMERA	15A	33				34	15A	LIGHTS CAMERA
	15A	35				36	15A	LIGHTS CAMERA CARDIAC
	20A	37				38	15A	AUTO DOOR
FUME HOOD	20A	39				40	15A	LIGHTS NURSE STN. & CORRIDOR
	15A	41				42	15A	EXIT LIGHTS
3 PANEL 'XE' SCHEDULE E.200 SCALE: 1:30								

GENERAL CONSTRUCTION NOTES:

- A. NEW LIGHTS ARE TO UTILIZED EXISTING LIGHTING CIRCUITS AND LIGHTING CONTROLS. EXTEND WIRING AND CONDUIT AS REQUIRED TO NEW LIGHTS.
- B. CONTRACTOR SHALL REVIEW AND COORDINATE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- C. ALL DEVICES SHOWN OUTSIDE OF THE CONSTRUCTION AREA ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. ENSURE DEVICES TO REMAIN CONTINUE TO WORK AND AREN'T IMPACTED. DO NOT REMOVE ANY CABLING/WIRING FOR OUTLETS OR EQUIPMENT THAT ARE NOT WITH THE CURRENT CONSTRUCTION SCOPE OF WORK AREA.
- D. FIRE ALARM DEVICES ARE REQUIRED TO BE RELOCATED TO FACILITATE CONSTRUCTION ACTIVITIES, RECONNECT AND PERFORM RE-VERIFICATION AS REQUIRED.
- E. ALL CABLING THAT NEEDS MOVING OR TERMINATIONS G. ALL CABLING THAT NEEDS MOVING OR TERMINATIONS REMOVED WILL BE LABELED PRIOR TO ANY WORK AND WILL BE RE-USED IF APPROPRIATE, OTHERWISE NEW CABLES WILL BE INSTALLED TO NEAREST COMMUNICATIONS CLOSET.
- OPERATIONAL.
 - COMMUNICATIONS CLOSET.

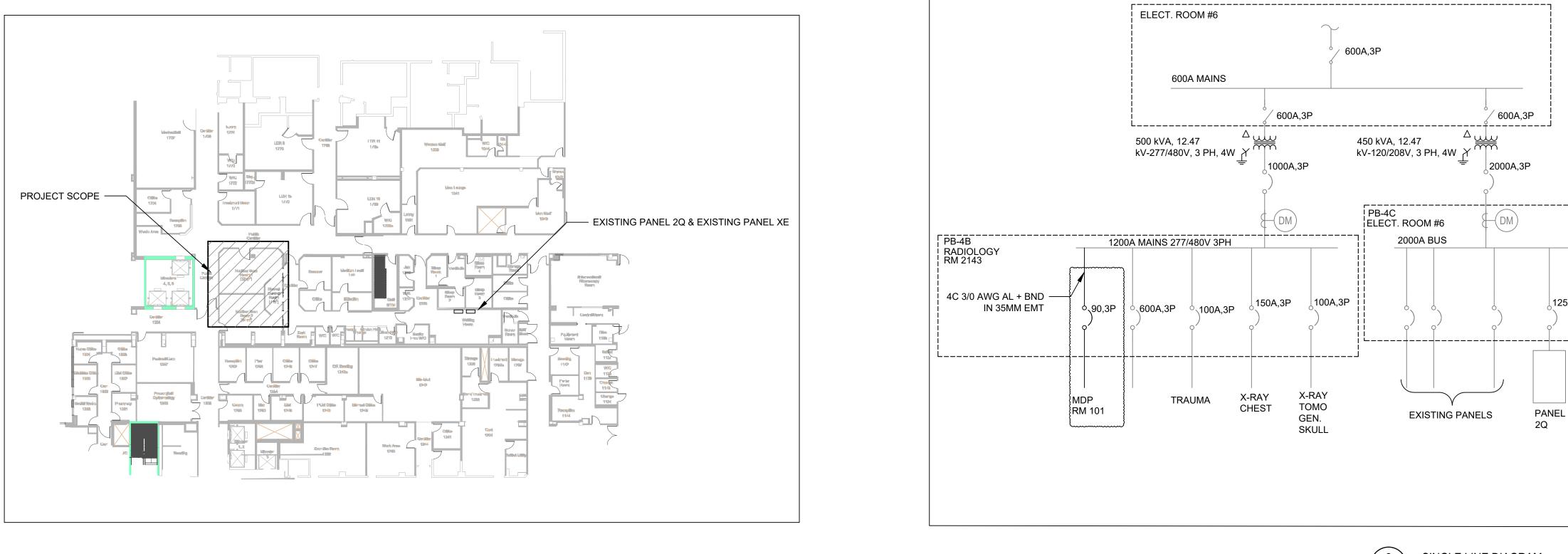
F. THE INTENT OF THESE DRAWING IS TO AID BIDDING CONTRACTORS IN DETERMINING THE APPROXIMATE EXTENT OF THE EXISTING EQUIPMENT TO BE REMOVED AND THE EQUIPMENT TO BE RE-USED. THESE DRAWING ARE PROVIDED FOR THE BIDDING PROCESS AND ARE FOR INFORMATION PURPOSES ONLY. EXACT COUNTS AND EXTENT OF WIRING TO BE REMOVED, RE-USED, RELOCATED IS TO BE DETERMINED ON SITE BY THE CONTRACTOR. CONTRACTOR SHALL ALLOW FOR RELOCATION, RE-WIRING OF OUTLETS AND DEVICES WHICH ARE NOT SHOWN ON DRAWING BUT WHICH MAY BE FOUND AS WORK PROCEEDS. CONTRACTOR TO USE HIS EXPERIENCE AND BEST JUDGMENT FROM SITE VISIT AND WORK OF A SIMILAR NATURE TO DETERMINE HOW MUCH WORK THIS WILL ENTAIL. MAKE ALLOWANCE IN TENDER PRICE AS NECESSARY. THE CONTRACTOR IS TO ALLOW FOR SITE VISITS, PRIOR TO SUBMITTING TENDER, TO VERIFY ALL ITEMS THAT ARE TO BE REMOVED, REINSTALLED AND TO REMAIN

REMOVED WILL BE LABELED PRIOR TO ANY WORK AND WILL BE RE-USED IF APPROPRIATE, OTHERWISE NEW CABLES WILL BE INSTALLED TO NEAREST

- H. ALL OCCUPANCY AND VACANCY SENSORS HALL BEDUAL TECH OCCUPANCY SENSORS WITH MOTION AND SOUND ACTIVATED
- I. CONTRACTOR TO REFER TO DETAILS ON E.301 AND E.302 FOR STARGUIDE
- J. NEW PENETRATIONS AND CORING WILL BE REQUIRED. X-RAY/SCANNING IS REQUIRED FOR ALL PENETRATIONS AND CORING. X-RAY/SCANNING REPORTS TO BE REVIEWED AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO ANY PENETRATIONS AND CORING.
- K. PANEL PB-4B IS LOCATED IN ROOM 2143. CONTRACTOR IS TO CONFIRM LOCATION DURING TENDER WALK-THROUGH.

Aww.goTAD.ca Vancouver Montreal Image: Montreal <	varcouver Montreal Image: Approximate in the second se	<i>I. Robert Thibo</i> 38, West 8th A /ancouver, (Bri .778.330.1139	as, Reliable deau Archite venue,	ecture + De	-
client CONSTRUCTION 5 18/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions	sed CONSTRUCTION 5 18/09/24 ISSUED FOR BP 05 4 05/07/24 ISSUED FOR BP 05 3 21/08/24 90% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions Thibdecau Achitecturer 9 01 A Robert Thibdecau Suchtiecturer 9 01 A Robert Suchtiect of all errors and ommedicately inform the Architect of all errors and ommedicately inform the Suchtiect of all errors and suchtiecture The Practice #10128 Suchtiecture 9 01 A Robert Suchtiecture 9 01	www.goTAD.ca	Iontreal		
client CONSTRUCTION 5 18/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions	sed CONSTRUCTION 5 18/09/24 ISSUED FOR BP 05 4 05/07/24 ISSUED FOR BP 05 3 21/08/24 90% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions Thibdecau Achitecturer 9 01 A Robert Thibdecau Suchtiecturer 9 01 A Robert Suchtiect of all errors and ommedicately inform the Architect of all errors and ommedicately inform the Suchtiect of all errors and suchtiecture The Practice #10128 Suchtiecture 9 01 A Robert Suchtiecture 9 01				
client CONSTRUCTION 5 18/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions	sed CONSTRUCTION 5 18/09/24 ISSUED FOR BP 05 4 05/07/24 ISSUED FOR BP 05 3 21/08/24 90% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions Thibdecau Achitecturer 9 01 A Robert Thibdecau Suchtiecturer 9 01 A Robert Suchtiect of all errors and ommedicately inform the Architect of all errors and ommedicately inform the Suchtiect of all errors and suchtiecture The Practice #10128 Suchtiecture 9 01 A Robert Suchtiecture 9 01				
client CONSTRUCTION 5 18/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions	sed CONSTRUCTION 5 18/09/24 ISSUED FOR BP 05 4 05/07/24 ISSUED FOR BP 05 3 21/08/24 90% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions Thibdecau Achitecturer 9 01 A Robert Thibdecau Suchtiecturer 9 01 A Robert Suchtiect of all errors and ommedicately inform the Architect of all errors and ommedicately inform the Suchtiect of all errors and suchtiecture The Practice #10128 Suchtiecture 9 01 A Robert Suchtiecture 9 01				
client CONSTRUCTION 5 18/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions	sed CONSTRUCTION 5 18/09/24 ISSUED FOR BP 05 4 05/07/24 ISSUED FOR BP 05 3 21/08/24 90% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions Thibdecau Achitecturer 9 01 A Robert Thibdecau Suchtiecturer 9 01 A Robert Suchtiect of all errors and ommedicately inform the Architect of all errors and ommedicately inform the Suchtiect of all errors and suchtiecture The Practice #10128 Suchtiecture 9 01 A Robert Suchtiecture 9 01				
client CONSTRUCTION 5 18/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions	sed CONSTRUCTION 5 18/09/24 ISSUED FOR BP 05 4 05/07/24 ISSUED FOR BP 05 3 21/08/24 90% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions Thibdecau Achitecturer 9 01 A Robert Thibdecau Suchtiecturer 9 01 A Robert Suchtiect of all errors and ommedicately inform the Architect of all errors and ommedicately inform the Suchtiect of all errors and suchtiecture The Practice #10128 Suchtiecture 9 01 A Robert Suchtiecture 9 01				
4 05/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A written approbal by J.R.T.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. OM Engineering Electrical & Electronic Consulting Engineers Composition NOTA Engineering Electrical & Electronic Consulting Engineers Parmit to Practice: #1001261 Client NOLA VICTOR VIC	4 05/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 1 18/07/24 30% CD 18/07 1 18/07/24 30% CD 18/07 21 18/07/24 30% CD 18/07 1 18/07/24 18/07 18/07 1 19/07 19/07 18/07 1 19/07 19/07 19/07 1 19/07 19/07 19/07 1 19/07 19/07 19/07 1 19/07 19/07 19/07	6 16/10/2			
3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A written approbal by J.R.T.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions.	3 21/08/24 90% CD 03 2 02/08/24 60% CD 02 1 18/07/24 30% CD 01 # Date Description Rev revisions Thibodeau Architecture + Design Inc. A witten approbal by J.R.I.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on ale and immediately inform the Architect of all errors and omissions. Architect of all errors and omissions. Architect of all errors and points on the Architecture + Design Inc. Architect of all errors and points on the Architecture + Design Inc. Architecture +		_		
1 18/07/24 30% CD 01 # Date Description Rev revisions revisions Reversions This drawing is the property of J. Robert This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A written approbal by J.R.T.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Image: Construction of the architect of all errors and omissions. Image: Consulting Engineering Electrical & Electronic Consulting Engineers Permit to Practice: #1001281 Contractors must verify all Given to Practice: #1001281	I 18/07/24 30% CD 01 # Date Description Rev revisions Provisions Revisions This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A witten approable J. J.A.D. is required prior to any use of this drawing. Contractors must verify approaches the achieves of the advise. Contractors must verify approaches the advise. Contractors and omissions. Contractors must verify approaches the advise. Contractors and omissions. Contractors and contractors and omissions. Contractors and contractors and contractors and contractors and contractors. Contractors. Contractors and contractors. Cont	3 21/08/2	4 90	0% CD	03
revisions This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A written approbal by J.R.T.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. OM Engineering Electrical & Electronic Consulting Engineers Permit to Practice: #1001261 Client	revisions This drawing is the property of J. Robert This drawing is the property of J. Robert This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A written approbal by J.R.T.A.D. is required proto any use of this drawing. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Protocol at Electronic Composition of DIPON Pregnering Electronic 4 Electronic Composition of DIPON Pregnering Electronic 4 Electronic Composition of DIPON Pregnering Composition of Dipon Pregnering				
This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A written approbal by J.R.T.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions.	This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A withen approbably J.R.T.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors must verify all dimensions on site and immediately inform the Architect of all errors and omissions. Contractors Contractors <td></td> <td>Des</td> <td>scription</td> <td>Rev</td>		Des	scription	Rev
ROOM RENOVATION NBC ON STREET DN STREET BC V2M 1S2	NUCLEAR MEDICAL SCAN ROOM RENOVATION NHA_UHNBC NHA_UHNBC 1475 EDMONION SIREET PRINCE GEORGE, BC V2M 1S2 Careture Tataset Tataset Tataset Tataset	prior to any u Contractors on site and ir	se of this c nust verify amediated all errors and E	drawing. all dimer ly inform t nd omissic D'M Enginer lectrical & consulting E	asions he ons. ering Electronic Engineers
	project no. 24-286 drawing title NEW POWER AND		NHA UHNBC	1475 EDMONTON STREET	PRINCE GEORGE, BC V2M 152
	NEW POWER AND			24-	286
24-286		NEW	-		

drawn by OK/HY checked by MK





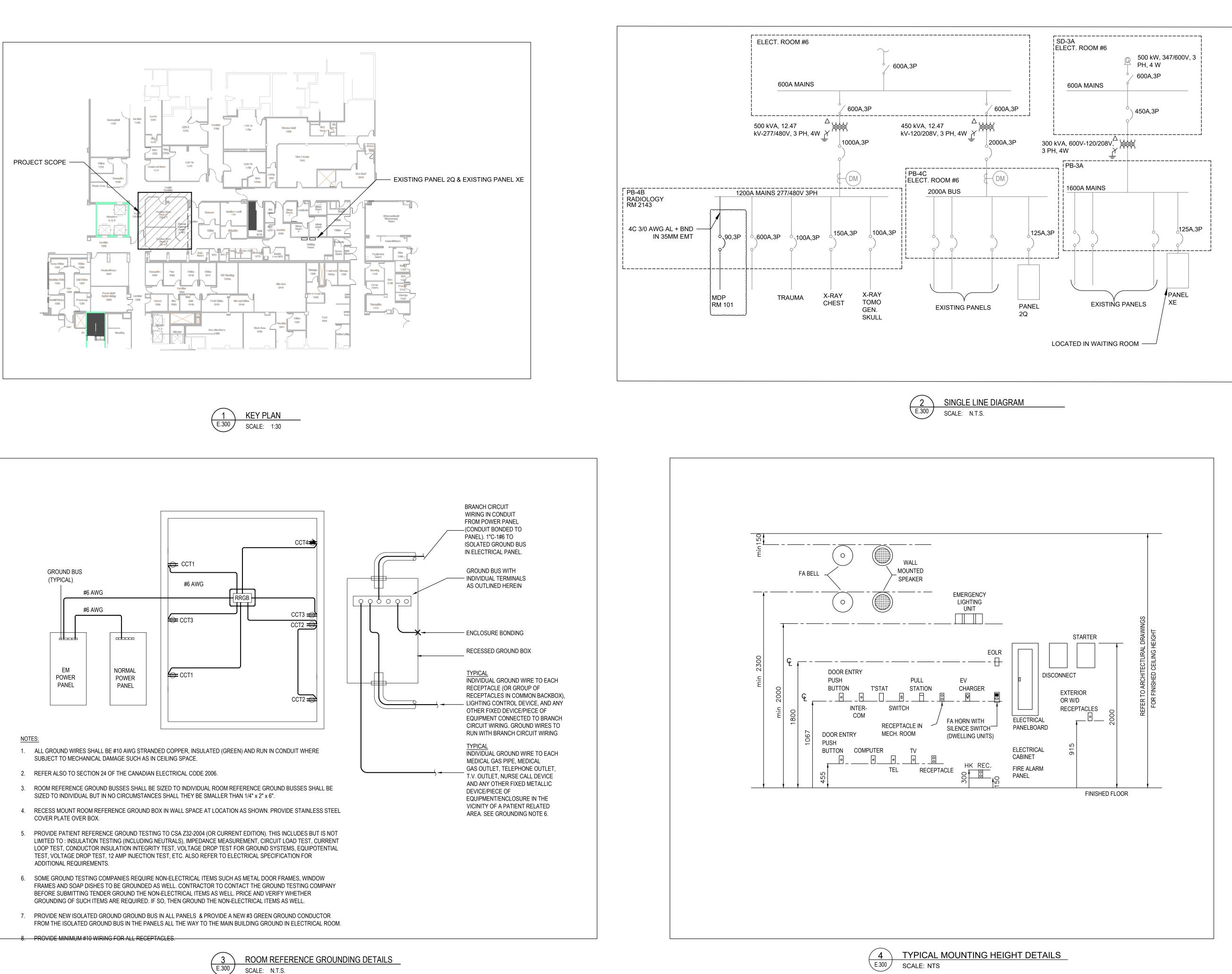


Image: Second Structure Image: Second Structure
CONSTRUCTION 5 18/09/24 ISSUED FOR BP 4 05/09/24 ISSUED FOR IFT 3 21/08/24 90% CD 2 02/08/24 60% CD 1 18/07/24 30% CD # Date Description revisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions O'M Engineerin Electrical & Ele Consulting Eng
CONSTRUCTION 5 18/09/24 ISSUED FOR BP 4 05/09/24 ISSUED FOR IFT 3 21/08/24 90% CD 2 02/08/24 60% CD 1 18/07/24 30% CD # Date Description revisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions Composition Composition Consulting Engineering Consulting Engineering Consulting Engineering Consulting Engineering
CONSTRUCTION 5 18/09/24 ISSUED FOR BP 4 05/09/24 ISSUED FOR IFT 3 21/08/24 90% CD 2 02/08/24 60% CD 1 18/07/24 30% CD # Date Description revisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions O'M Engineerin Electrical & Elec Consulting Eng
CONSTRUCTION 5 18/09/24 ISSUED FOR BP 4 05/09/24 ISSUED FOR IFT 3 21/08/24 90% CD 2 02/08/24 60% CD 1 18/07/24 30% CD # Date Description revisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions O'M Engineerin Electrical & Elec Consulting Eng
CONSTRUCTION 5 18/09/24 ISSUED FOR BP 4 05/09/24 ISSUED FOR IFT 3 21/08/24 90% CD 2 02/08/24 60% CD 1 18/07/24 30% CD # Date Description evisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions O'M Engineerin Electrical & Ele Consulting Eng
CONSTRUCTION 5 18/09/24 ISSUED FOR BP 4 05/09/24 ISSUED FOR IFT 3 21/08/24 90% CD 2 02/08/24 60% CD 1 18/07/24 30% CD # Date Description revisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions O'M Engineerin Electrical & Ele Consulting Eng
4 05/09/24 ISSUED FOR IFT 3 21/08/24 90% CD 2 02/08/24 60% CD 1 18/07/24 30% CD # Date Description revisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions
2 02/08/24 60% CD 1 18/07/24 30% CD # Date Description revisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions O'M Engineering O'M Engineering Consulting Engineering Consulting Engineering
Date Description revisions revisions This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimension on site and immediately inform the Architect of all errors and omissions O'M Engineerin Electrical & Eleconsulting Engineering
This drawing is the property of J. Rol Thibodeau Architecture + Design In written approbal by J.R.T.A.D. is req prior to any use of this drawing. Contractors must verify all dimensio on site and immediately inform the Architect of all errors and omissions Orm Engineerin Electrical & Elec Consulting Eng
NUCLEAR MEDICAL SCAN ROOM RENOVATION NHA_UHNBC 1475 EDMONTON STREET PRINCE GEORGE BC V204 153
seal M. KHAN # 48873 OBITION 2024-10-16
broject no. 24-28 drawing title
ELECTRICAL DETAIL

checked by MK

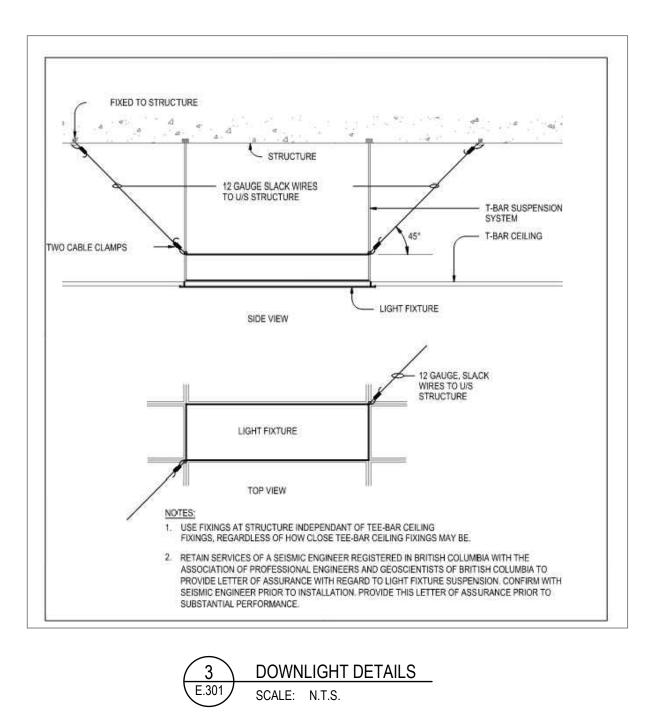
			F	PRODUCT DETAILS		SOURCE DE	TAILS			ELE	CTRONICS / CON	ITROL			GENERAL	
ТҮРЕ	IMAGE	GENERAL DESCRIPTION	MANUFACTURER	CATALOGUE NUMBER	ТҮРЕ	COLOR TEMPERATURE	CRI (MIN)	DELIVERED LUMENS	VOLTAGE	DIMMING PROTOCOL	MINIMUM DIMMING LEVEL	LOAD	INTEGRAL CONTROLS	FINISH	MOUNTING	IP RATING
A		2X4 TROFFER DIMMABLE LED RECESSED T-BAR	LITHONIA LIGHTING	STAKP 1X4 3000LM 80CRI 3500K COLT MIN10 ZT MVOLT	LED	3500К	80	3000LM	120V	0-10V	10%	30.3 W	0-10	WHITE	RECESSED	N/A
В		WF3 ADJ 3" LED WAFER GIMBAL	LITHONIA LIGHTING	WF3 ADJ LED 30K 90CRI MW	LED	3000К	90	530LM	120V	0-10V	10%	7.5W	0-10	MATTE WHITE	RECESSED	N/A
C		2X4 VISUAL LIGHT	COPPER LIGHTING	CV-LEL-G-120-4A-ASP7389	LED	3000K	80	2500 LM	120V	0-10V	10%	38.4 W	0-10		RECESSED	N/A
	GENERAL NOTES:															

A) ALL CATALOGUE NUMBERS SHALL BE VERIFIED WITH MANUFACTURER PRIOR TO ORDERING.

B) ALL LUMINAIRE FINISHES SHALL BE REVIEWED AND APPROVED BY ARCHITECT PRIOR TO ORDERING. C) ALL JUNCTION BOXES FOR SURFACE MOUNT LUMINAIRES SHALL NOT BE WIDER THAN THE LUMINAIRE MOUNTING PLATE. D) COORDINATE MOUNTING HEIGHT OF ALL WALL MOUNTED LUMINAIRES WITH ARCHITECT PRIOR TO ROUGH-IN. COORDINATE SUSPENSION HEIGHT OF ALL SUSPENDED LUMINAIRES WITH ARCHITECT PRIOR TO INSTALLATION. E) ELECTRICAL CONTRACTOR SHALL ALLOW A M\INIMUM OF 10 BUSINESS DAYS FOR INITIAL REVIEW OF ENTIRE LIGHITNG SHOP DRAWING PACKAGE. NO DELAY CLAIMS WILL BE ALLOWED FOR ANY SUBSEQUENT REVIEW TIME REQUIRED DUE TO INCORRECT SHOP DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE LUMINAIRES ARE DELIVERED IN A TIMELY MANNER TO THE SITE. NO EXTRAS WILL BE ALLOWED FOR SUBSTITUTIONS OR RUSH CHARGES REQUIRED TO MEET PROJECT SCHEDULE AND MUST BE ALLOWED FOR IN TENDER PRICE F) ALL CONTROLS INTEGRATED WITH LUMINAIRES TO BE COMMISSIONED ON SITE AFTER INSTALL. CONTRACTOR TO ENSURE THAT ALLOWANCE IS MADEFOR ADJUSTING AND COMMISIONING OF ALL CONTROLS AS REQUIRED.

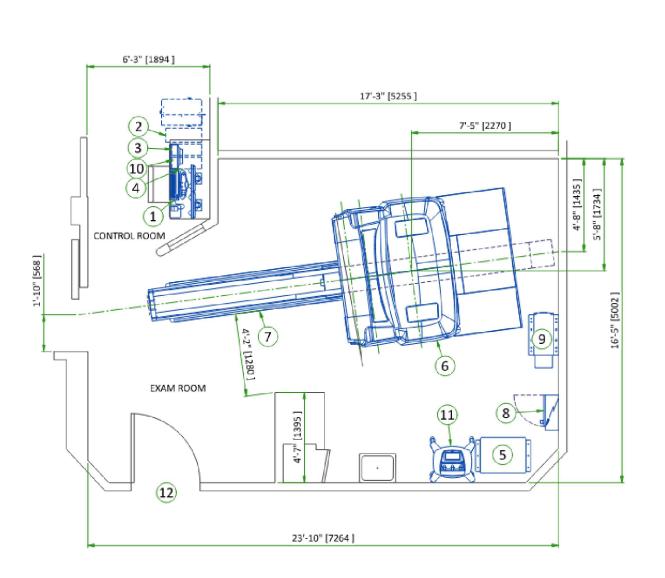
CERTIFICATION SHALL BE IN CONFORMANCE WITH ASHRAE 90.1- - FUNCTIONAL TESTING.

	LIGHTING CONTROLS														
	WALL STATION						AUTOMATIC CONTROLS				SYSTEM DESIGN	ROOM SEQUENCE OF OPERATIONS			
ROOM TYPE	SWITCH	SINGE ZONE DIM	MULTI-ZONE DIM/SCENE	OVERRIDE (2HR MAX)	LOCAL SWITCH ENGRAVING		OCC/VAC SENSOR	MANUAL ON	FULL ON	PARTIAL ON	PARTIAL OFF	FULL OFF	DIMMING PROTOCOL	WIRED/WIRELESS	
Exam Room	YES	YES	NO	NO	ON RAISE LOWER OFF	NO	YES	YES	YES	NO	NO	YES	0-10V	WIRE	1. MAUNAL ON/OFF/DIM LIGHTING WITH WALL SWITCH. 2. AUTO OFF ALL LIGHTING WITHING 20 MINUTES OF VACANCY.





STARGUIDE DETAIL SCALE: N.T.S.



			LEGENI)						
A	GE	SUPPLIED		D	AVAIL	ABLE FROM GE				
в	GE	SUPPLIED/C	ONTRACTOR INSTALLED	E	EQUIP	EQUIPMENT EXISTING IN ROOM				
с		STOMER/CC	INTRACTOR SUPPLIED AND	*		O BE REINSTALLE HER SITE	D FROM			
BY ITEM DESCRIPTION						MAX HEAT OUTPUT (BTU/h)	WEIGHT (lbs)			
A 1 OPERATOR CONSOLE						3200	144			
A 2 IMAGE GENERATOR CONSOLE					512	49				
A 3 NM ACQUISITION STATION					256	25				
A 4 SMART CONSOLE					256	25				
A 5 POWER DISTRIBUTION UNIT (PDU				DU)		3398	816			
Α		6	GANTRY			20688	7144			
А		7	PATIENT TABLE			682	1228			
В		8	MAIN DISCONNECT PANEL (ME	P)		-	115			
Α		9	PARTIAL UPS 14.4 KVA			5119	609			
Α		10	INJECTOR CONTROL ROOM UN	IT		-	16			
A 11 MEDRAD CENTARGO INJECTOR					-	165				
C 12 MINIMUM OPENING FOR EQUIPMENT DELIVERY IS 40 in x 80 in CONTINGENT ON A 96 in CORRIDOR WIDTH							CONTINGENT			
			EXAM ROOM H	EIGHT						
INIS	HED F	LOOR TO SI	AB HEIGHT				TBD			
FALSE CEILING HEIGHT REC. 9'-0"										



LIGHTING CONTROL SCHEDULE SCALE: N.T.S.

LUMINAIRE SCHEDULE SCALE: N.T.S.

G) TYPE OF CONSTRUCTION FOR ALL CEILINGS SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS PRIOR TO ORDERING MOUNTING KITS. CONTRACTOR TO OBTAIN A SET OF IFC ARCHITECTURAL DRAWINGS AND COORDINATE MOUNTING WITH CEILING TYPES SHOWN. NO EXTRAS WILL BE ALLOWED FOR RE-ORDERING OF LUMINAIRES OR MOUNTING KITS TO MATCH CEILING TYPES SHOWN ON ARCHITECTURAL PLANS. MOUNTING HEIGHT OF ALL SUSPENDED LUMINAIRES TO BE ADJUSTABLE ON SITE, AND CONTRACTOR TO COORDINATE ON SITE UNDER DIRECTION OF CONSULTANT. H) FUNCTIONAL COMMISSIOING TESTING SHALL BE CONDUCTED BY A THIRD PARTY THAT IS NOT DIRECTLY INVOLVED IN EITHER THE DESIGN OR CONSTRUCTION OF THE PROJECT AND SHALL PROVIDE DOCUMENTATION CERTIFYING THAT THE INSTALLED LIGHTING CONTROLS MEET OR EXCEED ALL DOCUMENTED PERFORMANCE CRITERIA.

NOTES
NOTES

NS			
ICY.			

ARCHITE Refreshing J J. Robert Th 138, West 8t Vancouver, t.778.330.11 www.goTAD Vancouver	ldeas, Rel ibodeau Al h Avenue, (British Col 39 .ca	iable serv rchitecture umbia), Vt	ices + Design	
6 16/10 5 18/09 4 05/09 3 21/08 2 02/08 1 18/07 # Dat revisions This drawin Thibodeau written ap prior to an Contracto on site and Architect of	CC 2/24 IS: 2/24 IS: 3/24 3/24 3/24 4 2/24 4 1 2/24 1 2/24 1 2/24 1 2/24 1 2/24 1 2/24 1 2/24 1 2/24 1 2/24 1 2/24 1 2/24 1 2/24	cture + D y J.R.T.A.I his drawi erify all di ately infc	CTION DR BP DR IFT D D D D D D D D D D D D D D D D D D D	c. A Jireo
			Practice: #	

project no.	24-286
seal	M. KHAN # 48873 DRITION VGINEER 2024-10-16

drawing title **ELECTRICAL DETAILS 2**

date	2024-07-18	sheet number
scale	As indicated	E.301
drawr	^{n by} OK/HY	
check	ed by MK	rev no. Oč

CONNECTIVITY REQUIREMENTS

Your new GE Healthcare imaging modality will require local and remote connectivity to enable our full range of digital support:

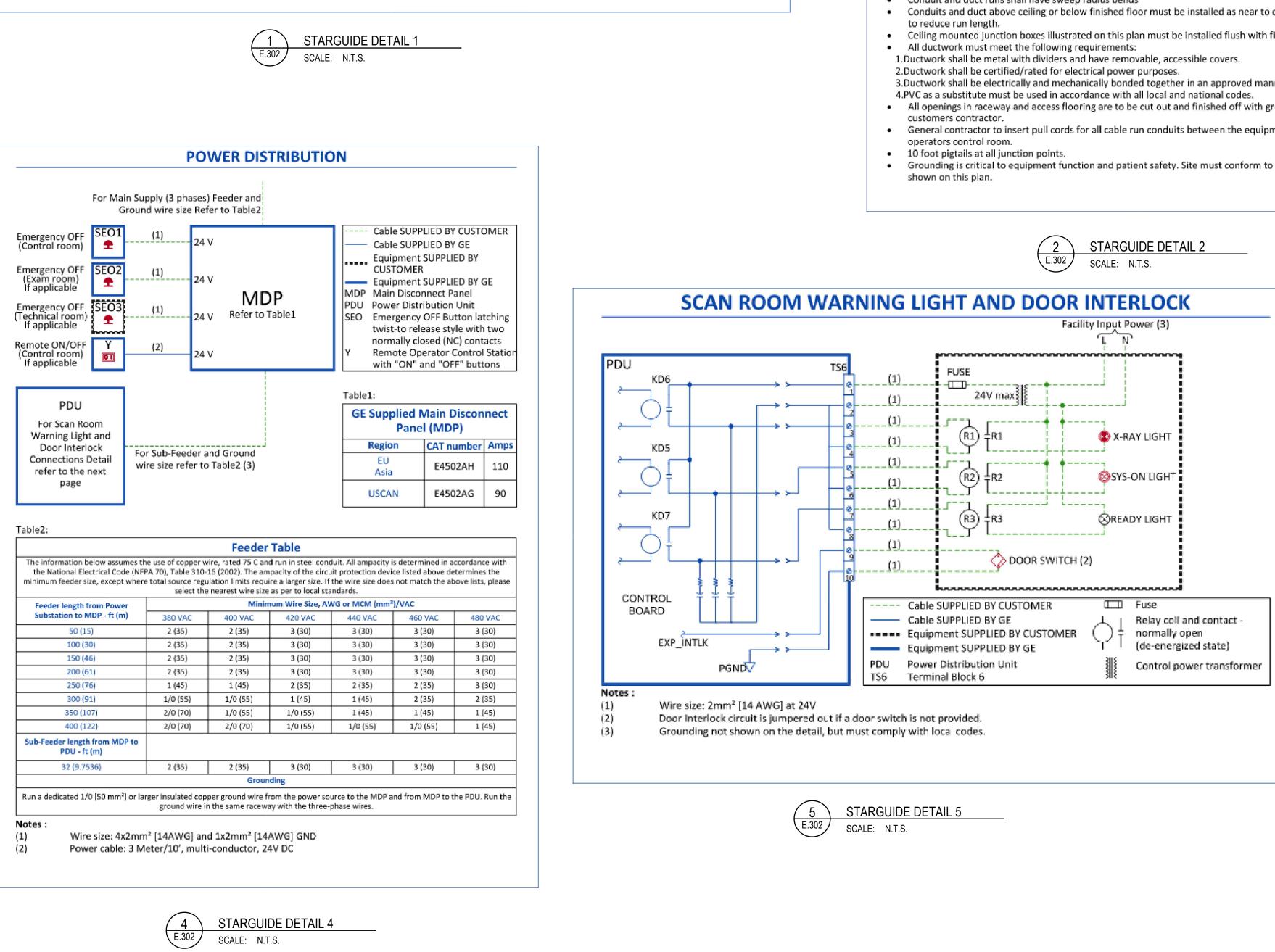
- Local connectivity This allows your system to connect to local devices such as PACS and modality worklist. We will require network information to configure the system(s), and a live ethernet port(s) prior to the delivery of the system(s).
- Remote connectivity Your GE Healthcare service warranty includes InSite™ (applicable to InSite capable) products), a powerful broadband-based service which enables digital tools that can help guard your hospital against equipment downtime and revenue loss by quickly connecting you to a GE Healthcare expert.

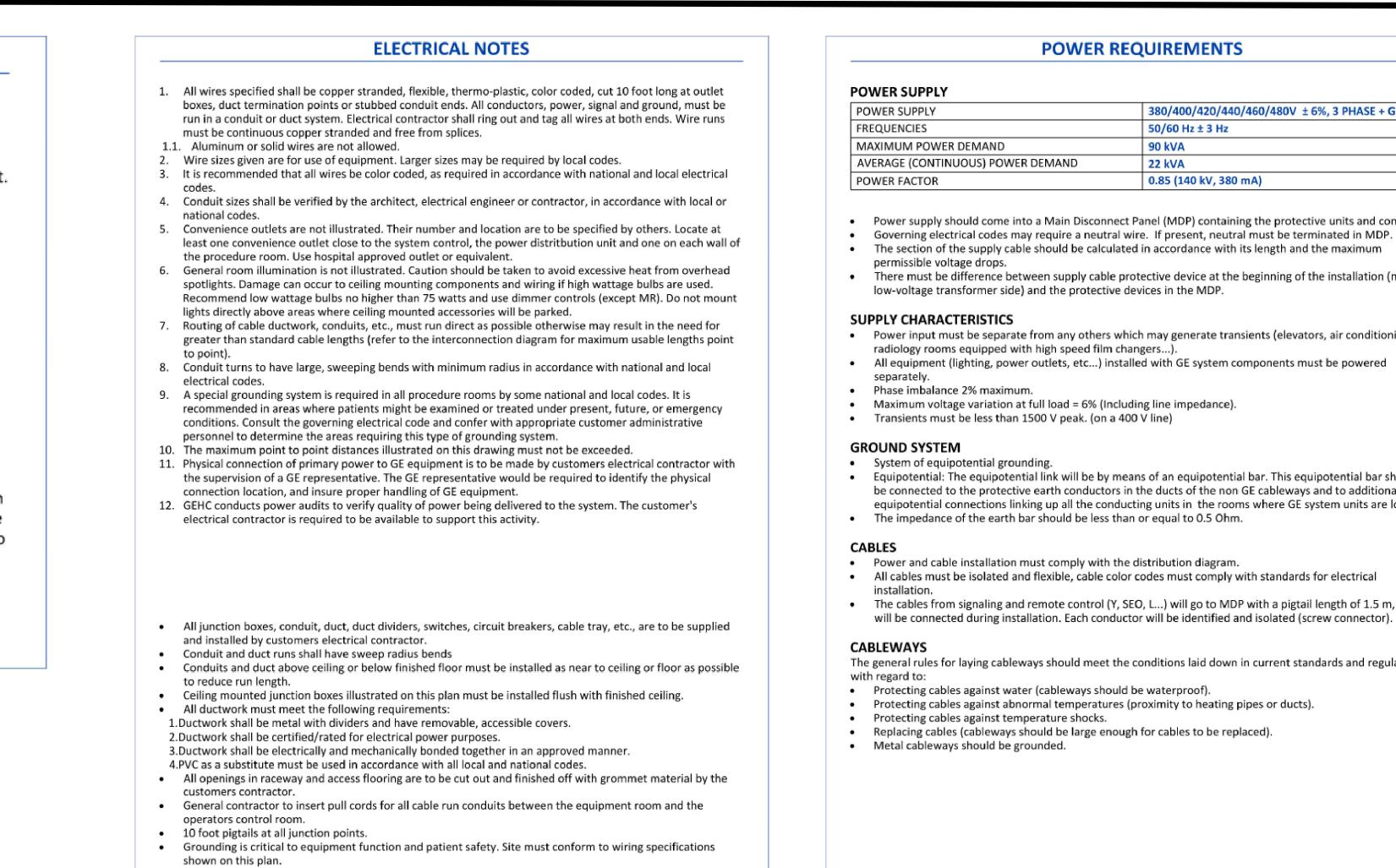
Depending on product family and software version, imaging systems can be connected in one of the following methods:

1. TLS over TCP Port 443 (Preferred method for new products) via:

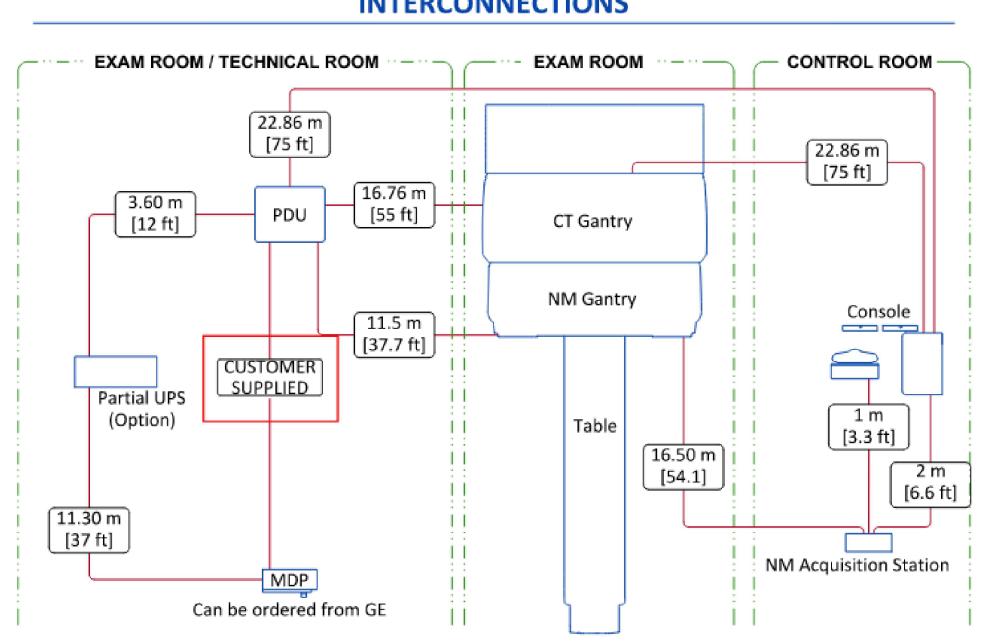
- a. DNS resolution
- b. Customer-provided Proxy or
- c. GE Proxy (Available in some regions)
- 2. Site-to-Site IPsec VPN tunnel

Please provide the GE project manager with the contact information for the resource that can provide information required to set up these connections. GEHC will send out communication to these contacts, which will include the project's Connectivity requirements, and a Connectivity form. This form will need to be completed and returned to GEHC prior to delivery of the system to ensure the system is tested and connectivity is enabled prior to the completion of the installation.











POWER REQUIREMENTS

	380/400/420/440/460/480V ± 6%, 3 PHASE + GND
	50/60 Hz ± 3 Hz
	90 kVA
WER DEMAND	22 kVA
	0.85 (140 kV, 380 mA)

 Power supply should come into a Main Disconnect Panel (MDP) containing the protective units and controls. Governing electrical codes may require a neutral wire. If present, neutral must be terminated in MDP. The section of the supply cable should be calculated in accordance with its length and the maximum

 There must be difference between supply cable protective device at the beginning of the installation (main low-voltage transformer side) and the protective devices in the MDP.

 Power input must be separate from any others which may generate transients (elevators, air conditioning, radiology rooms equipped with high speed film changers...) All equipment (lighting, power outlets, etc...) installed with GE system components must be powered

Maximum voltage variation at full load = 6% (Including line impedance).

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

Power and cable installation must comply with the distribution diagram.

The cables from signaling and remote control (Y, SEO, L...) will go to MDP with a pigtail length of 1.5 m, and

The general rules for laying cableways should meet the conditions laid down in current standards and regulations,

Protecting cables against abnormal temperatures (proximity to heating pipes or ducts).



INTERCONNECTIONS

STARGUIDE DETAIL 6 SCALE: N.T.S.

	architect THIBODEAU ARCHITECTURE+DESIGN Refreshing Ideas, Reliable services J. Robert Thibodeau Architecture + Design Inc. 138, West 8th Avenue,
	Vancouver, (British Columbia), V5Y 1N2 t.778.330.1139 www.goTAD.ca Vancouver Montreal
	6 16/10/24 ISSUED FOR 06
	CONSTRUCTION 5 18/09/24 ISSUED FOR BP 05
	4 05/09/24 ISSUED FOR IFT 04 3 21/08/24 90% CD 03 2 02/08/24 60% CD 02
	1 18/07/24 30% CD 01 # Date Description Rev
I	This drawing is the property of J. Robert Thibodeau Architecture + Design Inc. A
	written approbal by J.R.T.A.D. is required prior to any use of this drawing. Contractors must verify all dimensions on site and immediately inform the
I	Architect of all errors and omissions.
,	O'M Engineering Electrical & Electronic Consulting Engineers
	Permit to Practice: #1001261
(
	IOVATIO S2
	A A
	I S2
	S H R
	V2I V2I
	X A A A A
	NO N
	NUCLEAR MEDICAL SCAL NHA_UI 1475 EDMON PRINCE GEORG
	$\mathbf{S} \sim \mathbf{E} \mathbf{O}$
	B CHC CHC
	<pre> </pre> </td
	NUC
	-
S	eal
	M. KHAN # 48873
	BRITISH P
	2024-10-16
	2024-10-16

FORMAT	24 x 36	

2024-07-18 scale As indicated E.302

drawn by OK/HY checked by MK