	1				
AB	BREVIATIONS	RE	al obje	ECT	SYMBOL
A/C AAV	AIR CONDITIONING UNIT AUTOMATIC AIR VENT	O	Ā	ð	
ADJ	ADJUSTABLE		Ī	I	— <b>X</b>
AFC AFF	ABOVE FINISHED CEILING ABOVE FINISHED FLOOR	\$	Ĩ		—[i
AFG	ABOVE FINISHED GRADE	ı D		8	ф
AP APD	ACCESS PANEL AIR PRESSURE DROP				····
AVG	AVERGAGE				
BAS BBDD	BUILDING AUTOMATION SYSTEM BALANCED BACKDRAFT DAMPER	Ā	Å	页	¥!— _→
BDD	BACKDRAFT DAMPER		•	0 -	
BMS BOD	BUILDING MANAGEMENT SYSTEM BOTTOM OF DUCT		р Ц		ҝнѻн₀н๏⊦
BOP	BOTTOM OF PIPE	i <b>o</b> i ioi	¢ ¢		_X
C/W CAV	COMPLETE WITH CONSTANT AIR VOLUME	œ	E D	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	——————————————————————————————————————
CTE	CONNECT TO EXISTING		₩ ₩	I Q	
DB DDC	DRY BULB TEMEPRATURE DIRECT DIGITAL CONTROL				
DIA./Ø	DIAMETER				\$
DIFF DIV	DIFFERENTIAL DIVISION				'
DN	DOWN				₽ ↓
DWG					<u>ک</u> ہ
EA EA (D)	EXHAUST AIR EXHAUST AIR, DISHWASH				<u> </u>
EA (G)		<b>C</b> el	ře		
EA (K) EA (LAB)	EXHAUST AIR, KITCHEN EXHAUST AIR, LABORATORY	KO1			
EA (LD)	EXHAUST AIR, LAUNDRY/DRYER	$\square$	$\bigtriangledown$	ø	
EA (W) EAT	EXHAUST AIR, WASHROOM ENTERING AIR TEMPERATURE	⊗	↓ ↑	し ①	
EAV	EXHAUST AIR VALVE	~			~~ <u>~</u>
EER EG	ENERGY EFFICIENCY RATIO ETHELYENE GLYCOL				~~~
ESP	EXTERNAL STATIC PRESSURE				<u>_</u>
EWT EX	ENTERING WATER TEMPERATURE EXISTING				
FA	FROM ABOVE				Q 
FB FLA	FROM BELOW FULL LOAD AMPERAGE				
FOF	FUEL OIL FILL				
FOR FOS	FUEL OIL RETURN FUEL OIL SUPPLY				Ų
FD3 FP	FIRE PROTECTION				
FUT	FUTURE				
GA GC	GAUGE GENERAL CONTRACTOR				
HEPA	HIGH EFFICIENCY PARTICULATE AIR (FILTER)				
HT HVAC	HIGH TEMPERATURE HEATING / VENTILATING / AIR CONDITIONING				-=
INV	INVERT ELEVATION				—-×
IPLV LAT	INTEGRATED PART LOAD VALUE LEAVING AIR TEMPERATURE				
LT	LOW TEMPERATURE				
LWT MCA	LEAVING WATER TEMPERATURE MINIMUM CIRCUIT AMPS	a	a		
MFR	MANUFACTURER	—— <			
Mop N/a	MAXIMUM OVERCURRENT PROTECTION NOT APPLICABLE	 ⊢∏⊣			, <sup>γ</sup>
NC	NORMALLY CLOSED	$\mathbf{y}_{\mathbf{n}}$			
NIC		•			o
NO NPS	NORMALLY OPEN NOMINAL PIPE SIZE	口 ゴ			C
NTS	NOT TO SCALE				U
OA OFCI	OUTSIDE AIR OWNER FURNISHED, CONTRACTOR INSTALLED				— <u> </u>
OFE	OWNER FURNISHED EQUIPMENT				
OFOI PG	OWNER FURNISHED / OWNER INSTALLED PROPYLENE GLYCOL	0	0	۵	
POE	POINT OF ENTRANCE	₫	Ф	Ø	L
POS PPM	POINT OF SERVICE PARTS PER MILLION	u ₽	uµ D	0	P
PTS	PNEUMATIC TUBE STATION				
PVC RA	POLYVINYL CHLORIDE RETURN AIR	D 00	D 00	0	
RE	REMOVE EXISTING	CO <sup>EI</sup>	co <sup>d</sup>		——II CO
REL RELA	RELOCATE RELIEF AIR				
REQD	REQUIRED				CO Ю
RH					Ó
SA SP	SUPPLY AIR STATIC PRESSURE		I		150
SRV	SAFETY RELIEF VALVE		I	c=========	XX
TA TEMP	TRANSFER AIR TEMPERATURE				
TSP	TOTAL STATIC PRESSURE				
TSTAT TYP	THERMOSTAT TYPICAL				
UC	UNDER CUT (DOOR)				
UG VAV	UNDERGROUND				
VAV VFD	VARIABLE AIR VOLUME VARIABLE FREQUENCY DRIVE				
VIF	VERIFY IN FIELD				
VTR W/	VENT-THRU-ROOF WITH				
W/O	WITHOUT				
WB WG	WET BULB TEMPERATURE WATER GAUGE				
°F	FAHRENHEIT				
PIPE SIZ					
20	) 3/4				
2: 32	2 1 1/4				
40	0 1 1/2				
6					

	2		3			4	
IBOL	<b>PIPING COMPONENTS</b>	REAL OBJECT	VENTILATION (HVAC)	REAL OBJECT SYMBOL	<u>PIPING SYSTEMS (HVAC</u>	REAL OBJECT SYMBO	DRAINA
$\triangleleft$	ISOLATION VALVE (GENERIC REFER TO SPEC FOR DETAILS)	* <u>NOTE</u> : ALL DUCT :	SIZES ARE INTERIOR, FREE DIMENSIONS	CHWR-	CHILLED WATER RETURN	CD	CONDENSATE DRAI
€]	GLOBE VALVE	SA	SUPPLY AIR	CHWR(G)	CHILLED WATER RETURN - GLYCOL	CD(P)	CONDENSATE DRAI
Г <b>—</b> —	BUTTERFLY VALVE	RA	RETURN AIR	CHWR(P)	CHILLED WATER RETURN - PROCESS	FT	FOOTING DRAIN
б <u>—</u>	BALL VALVE	OA	OUTDOOR AIR	CHWS	CHILLED WATER SUPPLY	V	SANITARY VENT
↔ Ū	PLUG VALVE	EA(G)	GENERAL EXHAUST AIR	CHWS(G)	CHILLED WATER SUPPLY - GLYCOL	V(0)	SANITARY VENT (OI
₩	NEEDLE VALVE			CHWS(P)	CHILLED WATER SUPPLY - PROCESS	SAN-	
*² ★	CHECK VALVE (GENERIC)	EA(ISO) EA(LAB)	ISOLATION EXHAUST AIR	KXXXXXXXCWR	CONDENSER WATER RETURN	SAN(O)	SANITARY WASTE (     SANITARY WASTE (
∼ ⊔H⊗⊢		EA(K)	KITCHEN EXHAUST AIR	CWR(CT)	CONDENSER WATER RETURN (COOLING TOWER)	SAN(P)	- STORM DRAIN
	BALANCING VALVE (REFER TO SPEC FOR DETAILS)			CWS	CONDENSER WATER SUPPLY	ST(O)	- STORM OVERFLOW
~— &—	PRESSURE REDUCING VALVE			CWS(CT)	CONDENSER WATER SUPPLY (COOLING TOWER)	ST(P)	- STORM PUMPED
	3-WAY CONTROL VALVE		RECTANGULAR DUCT AND SIZE*	DTR	DUAL TEMPERATURE RETURN (HOT OR CHILLED)	- ( )	
f			ROUND DUCT AND SIZE*	DTS		REAL OBJECT SYMBO	DE <u>PLUMBI</u>
₽ <u></u>			FLAT OVAL DUCT AND SIZE*				
\$	SAFETY OR RELIEF VALVE	450x250	EXTERIOR DUCT TREATMENT*	HPWS			<ul> <li>DOMESTIC COLD W/</li> <li>DOMESTIC COLD W/</li> </ul>
¢	ANGLE VALVE	X450x250X	RECTANGULAR DUCT WITH ACOUSTIC LINING*		HEAT RECOVERY LOOP RETURN HEAT RECOVERY LOOP SUPPLY	DCW(S)	DOMESTIC COLD WA     DOMESTIC HOT WA
<u> </u>	BOILER STOP AND CHECK VALVE	450x250	EXTERIOR DUCT TREATMENT - FIRE WRAP*		HEATING WATER RETURN		DOMESTIC HOT WA
FP	BACKFLOW PREVENTER (GENERIC)	<b>450x250</b>	DUCT SECTION, SUPPLY AIR. SIZE* IS HORIZONTAL DIM. x VERTICAL DIM. APPLIES TO RECT., ROUND AND OVAL	HWR(G)	HEATING WATER RETURN - GLYCOL		ELECTRIC HEAT TR/
<b>√</b> —	MULTI-PURPOSE VALVE (SHUTOFF, BALANCING AND CHECK)		DUCT SECTION, OUTSIDE AIR. APPLIES TO RECT., ROUND AND OVAL	HWS	HEATING WATER SUPPLY		DOMESTIC HOT WA
	PUMP (GENERIC REFER TO SCHEDULES)		DUCT SECTION, RETURN AIR. APPLIES TO RECT., ROUND AND OVAL	HWS(G)	HEATING WATER SUPPLY - GLYCOL	NPCW	
<del>,  </del>	Y STRAINER (GENERIC)		DUCT SECTION, EXHAUST AIR. APPLIES TO RECT., ROUND AND OVAL	REF(HG)	REFRIGERANT HOT GAS	NPCW(S)	NON-POTABLE COLI
8	STEAM TRAP (GENERIC)		FLEXIBLE DUCT	REF(L)	REFRIGERANT LIQUID	<u>م</u>	FIXTURE TRAP
<u>ቅ</u>	AUTOMATIC AIR VENT	i ×	ELBOW TURN, SUPPLY DOWN. APPLIES TO RECT., ROUND AND OVAL	REF(S)	REFRIGERANT SUCTION	RD-# Ø	ROOF DRAIN
<u>¥</u>	MANUAL AIR VENT		ELBOW TURN, OUTSIDE AIR DOWN. APPLIES TO RECT., ROUND AND OVAL	REF(V)	REFRIGERANT VENT	FD-# ⊘	FLOOR DRAIN
₽	VACUUM BREAKER		ELBOW TURN, RETURN DOWN. APPLIES TO RECT., ROUND AND OVAL			₩0 0	PLUMBING FIXTURE
Q	SHOCK ABSORBER		ELBOW TURN, EXHAUST DOWN. APPLIES TO RECT., ROUND AND OVAL	REAL OBJECT SYMBOL	<u>LAB &amp; MEDICAL GAS</u>	ID-#	PLUMBING FIXTURE
<u> Ш</u>	TEMPERATURE GAUGE		CHANGE IN DUCT ELEVATION RISING			EQ-#####	TRIM PLUMBING CO
2 <del>1</del>	PRESSURE GAUGE	,, 		MA	MEDICAL AIR		
¥	TEMPERATURE AND PRESSURE TAP	<u> AII III</u>	CHANGE IN DUCT ELEVATION DROPPING	MV	MEDICAL VACUUM		
<u>)</u>	SIGHT FLOW GLASS		END CAP	02	OXYGEN		<b>FIRE PRO</b>
∞—	FLEXIBLE CONNECTOR	5	ELBOW, RECTANGULAR, SMOOTH RADIUS WITHOUT VANES (1.5 R/W	(A)	LAB AIR SINGLE BENCH OUTLET	REAL OBJECT SYMBOL	
<u> </u>	EXPANSION JOINT	Д Ц		$\overline{\mathbb{V}}$	LAB VACUUM SINGLE BENCH OUTLET	F(D)	FIRE - DRAIN
<u> </u>	GUIDE		ELBOW, ROUND, SMOOTH RADIUS (1.5 R/W DEFAULT)	N-	LAB NITROGEN SINGLE BENCH OUTLET	F(DRY)	FIRE - DRY
×	ANCHOR		MITERED ELBOW, RECTANGULAR, WITH TURNING VANES	NO	LAB NITROUS SINGLE BENCH OUTLET	F(PA)	FIRE - PRE-ACTION
	FLOW ARROW		RECTANGULAR TO ROUND TRANSITION	0-	LAB OXYGEN SINGLE BENCH OUTLET	AC	FIRE - WET ABBREVIATION FOR ANT
%	PIPING SLOPE		DUCT ACCESS DOOR (TOP, SIDE, BOTTOM)	A	LAB DOUBLE 45 DEGREE BENCH OUTLET	HT	ABBREVIATION FOR HIGH
1	PIPE CAP		FLEXIBLE CONNECTION	< <u>(</u> )→	LAB DOUBLE BENCH OUTLET	D	ABBREVIATION FOR DRY
, r			BACKDRAFT DAMPER	A	LAB QUAD 45 DEGREE BENCH OUTLET	EC	ABBREVIATION FOR EXT
רייי ריי	PIPE BREAK		MANUAL DAMPER			CR	ABBREVIATION FOR CLE
<u>ر</u> ر		╄ <u></u>	MOTORIZED DAMPER	HEADWALL MECHANIC CONNECTION PROVIDE		R	ABBREVIATION FOR RES
		<b>↓</b>	FIRE DAMPER	OA ↔	MEDICAL AIR OUTLET	©	UPRIGHT SPRINKLER
1	PIPING ELBOW DOWN		SMOKE DAMPER	<pre>MV ~</pre>	MEDICAL VACUUM OUTLET	•	PENDANT SPRINKLER
ں ۱	PIPING TEE UP	<b>₹</b> }	SMOKE AND FIRE DAMPER	N2 ~	MEDICAL NITROGEN OUTLET	$\oslash$	DEMOLISH SPRINKLER
€ 1		¥		NO 0+	MEDICAL NITROUS OXIDE OUTLET	۲	CONCEALED PENDANT S
•	PIPING TEE (SCHEMATIC)	QUANTITY		<ul><li>✓</li><li>✓</li><li>✓</li></ul>	MEDICAL OXYGEN OUTLET	$\bigtriangledown$	SIDEWALL SPRINKLER
⊢— 		- SIZE (mm)	AIR OUTLET OR INLET TAG (REFER TO SCHEDULE)	¢02 ••	MEDICAL CARBON DIOXIDE		EXTENDED COVERAGE S
	FLANGED CONNECTION			↓ ↓A ↔	INSTRUMENT AIR	▋    ●	FIRE EXTINGUISHER
>	CONCENTRIC REDUCER	→ →	RECTANGULAR DIFFUSER, SUPPLY. OPTIONAL ARROWS SHOW THE FLOW DIRECTION.	AGS 0-465	ANESTHETIC GAS SCAVENGING SYSTEM	Ŕ	DUCT MOUNTED SMOKE
<b></b>	ECCENTRIC REDUCER		RECTANGULAR REGISTER OR GRILLE, RETURN	$\checkmark$		FCP	FIRE ALARM CONTROL P
HI CO	STANDARD CLEAN-OUT IN LINE END OF RUN		RECTANGULAR REGISTER OR GRILLE, EXHAUST			FHC	FIRE HOSE CABINET
000 0	STANDARD CLEAN-OUT THROUGH FLOOR END OF RUN	<u> </u>	ROUND DIFFUSER, SUPPLY			SCV	SPRINKLER ZONE CONTI
₩ ₩	STANDARD CLEAN-OUT THROUGH FLOOR IN LINE	<u> </u>	LINEAR DIFFUSER				
	PIPE INSULATION	Ţ	SIDEWALL REGISTER OR GRILLE, SUPPLY		Sheet List		
	PIPE SIZE (mm)	l T	SIDEWALL GRILLE, RETURN OR EXHAUST	Sheet Nu		lame	
	PIPING ROUTED BELOW SLAB OR GRADE	ÜĈ	UNDERCUT DOOR	M001 M002	MECHANICAL LEGEND AND DRAWINGS LIST LEVEL 1 - MECHANICAL HVAC DEMO - EAST SIDE		
		Ł	DOOR GRILLE OR LOUVER	M002	LEVEL 1 - MECHANICAL HVAC DEMO - EAST SIDE		

-

80

100

150

200

250

300

350

375

400

12

14

15

TRANSFER GRILLE OR LOUVER

EQUIPMENT TAG (REFER TO SCHEDULE)

RADIATION HEATING TAG (REFER TO SCHEDULE)

NOTE: NOT ALL SYMBOLS, SYSTEMS, AND ABBREVIATIONS MAY BE USED ON THIS PROJECT LEVEL 1 - MECHANICAL HVAC DEMO - WEST SIDE LEVEL 1 - MECHANICAL HVAC DEMO - NORTH SIDE LEVEL 1 - MECHANICAL HYDRONIC DEMO - EAST SIDE LEVEL 1 - MECHANICAL HYDRONIC DEMO - WEST SIDE LEVEL 1 - MECHANICAL HYDRONIC DEMO - NORTH SIDE LEVEL 1 - PLUMBING DEMO - EAST SIDE LEVEL 1 - PLUMBING DEMO - WEST SIDE LEVEL 0 - PLUMBING DEMO - EAST SIDE LEVEL 0 - PLUMBING DEMO - WEST SIDE LEVEL 1 - MEDICAL GAS DEMO - EAST SIDE LEVEL 1 - MEDICAL GAS DEMO - WEST SIDE LEVEL 1 - FIRE SUPPRESSION DEMO - EAST SIDE LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDE LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROL LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDE LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE LEVEL 1 - MECHANICAL HVAC NEW - NORTH SIDE LEVEL 1 - MECHANICAL HYDRONIC NEW - EAST SIDE LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDE LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDE LEVEL 1 - PLUMBING NEW - EAST SIDE LEVEL 1 - PLUMBING NEW - WEST SIDE LEVEL 1 - PLUMBING NEW - NORTH SIDE LEVEL 0 - PLUMBING NEW - EAST SIDE LEVEL 0 - PLUMBING NEW - WEST SIDE LEVEL 0 - PLUMBING NEW - NORTH SIDE LEVEL 1 - MEDICAL GAS NEW - EAST SIDE LEVEL 1 - MEDICAL GAS NEW - WEST SIDE LEVEL 1 - MEDICAL GAS NEW - NORTH SIDE LEVEL 1 - FIRE SUPPRESSION NEW - EAST SIDE

LEVEL 1 - FIRE SUPPRESSION NEW - WEST SIDE

EQUIPMENT SCHEDULES

LEVEL 1 - FIRE SUPPRESSION NEW - NORTH SIDE

# DRAINAGE

CONDENSATE DRAIN	(PS) OR P
CONDENSATE DRAIN (PUMPED)	
FOOTING DRAIN	(SP)
SANITARY VENT	(TS) OR T
SANITARY VENT (OIL)	
SANITARY WASTE	
SANITARY WASTE (OIL)	T
SANITARY WASTE (PUMPED)	AFS
STORM DRAIN	
STORM OVERFLOW	/

# **CONTROLS**

	PRESSURE SENSOR
	STATIC PRESSURE SENSOR
]	TEMPERATURE SENSOR
	TERMINAL DISPLAY UNIT
	THERMOSTAT
	AIR FLOW SWITCH
	CONTROLS WIRE

**GENERAL SYMBOLS** 

H/H/H/H DEMOLITION

– – – – – DEMOLITION

EXISTING SUPPLY

EXISTING RETURN



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Consultant

Notes

# STORM PUMPED **PLUMBING**

DOMESTIC COLD WATER	<b>•</b>
DOMESTIC COLD WATER SOFTENED	Gt
DOMESTIC HOT WATER	
DOMESTIC HOT WATER RECIRCULATING	
ELECTRIC HEAT TRACE (DHW TEMPERATURE MAINTEN	ACE)

DOMESTIC HOT WATER SOFTENED	
NON-POTABLE COLD WATER	

NON-POTABLE COLD WATER SOFTENED

PLUMBING FIXTURES PLUMBING FIXTURE TAG (REFER TO SCHEDULE) TRIM PLUMBING CONNECTION TAG

FIRE PROTECTION

ABBREVIATION FOR ANTICORROSION ABBREVIATION FOR HIGH TEMPERATURE

ABBREVIATION FOR DRY HEAD

BBREVIATION FOR EXTENDED COVERAGE

BBREVIATION FOR CLEANROOM GASKET SEALED ABBREVIATION FOR RESIDENTIAL

JPRIGHT SPRINKLER

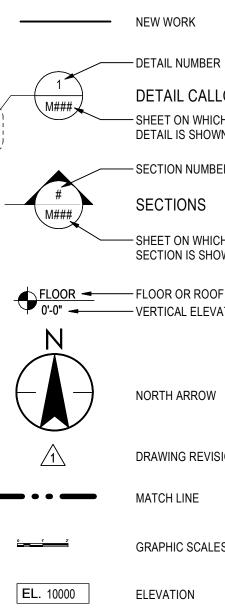
DEMOLISH SPRINKLER CONCEALED PENDANT SPRINKLER

XTENDED COVERAGE SIDEWALL SPRINKLER

OUCT MOUNTED SMOKE SENSOR

IRE ALARM CONTROL PANEL

PRINKLER ZONE CONTROL VALVE



 DETAIL CALLOUTS - SHEET ON WHICH DETAIL IS SHOWN
- SECTION NUMBER
SECTIONS
 - SHEET ON WHICH SECTION IS SHOWN
- FLOOR OR ROOF LEVEL NAME - VERTICAL ELEVATION

NORTH ARROW

DRAWING REVISION

MATCH LINE

GRAPHIC SCALES

ELEVATION

DATUM ELEVATION

# SPACE TAG

DEMOLITION KEYNOTE

KEYNOTE

SLOPE ARROW

CIRCULAR BREAK SYMBOL

CENTER LINE

— — GRID BUBBLE AND LINE

Client/Project Logo

ISSUED FOR CONSTRUCTION

ISSUED FOR BP

ISSUED FOR TENDER

A ISSUED FOR 100% & Q

Issued/Revision

Permit/Seal



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 CH
 FH
 2025.04.28

 CH
 FH
 2025.02.05

 CH
 FH
 2025.01.27

 CH
 FH
 2024.11.26

 By
 Appd
 YYYY.MM.DD

Client/Project Northern Health

UHN - Cardiac Diagnostic Services - Phase 3

File Name: mech\_UHN\_Cardi\_144320012\_PH3CHFHKH2025.04.21Dwn.Dsgn.Chkd.YYYY.MM.DD

1475 Edmonton St, Prince George, BC V2M 1S2

Title

MECHANICAL LEGEND AND DRAWINGS LIST

Project No.

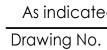
Scale As indicated

Revision D



144320012







ELEVATION

TOP OF

 $\times$ 

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name

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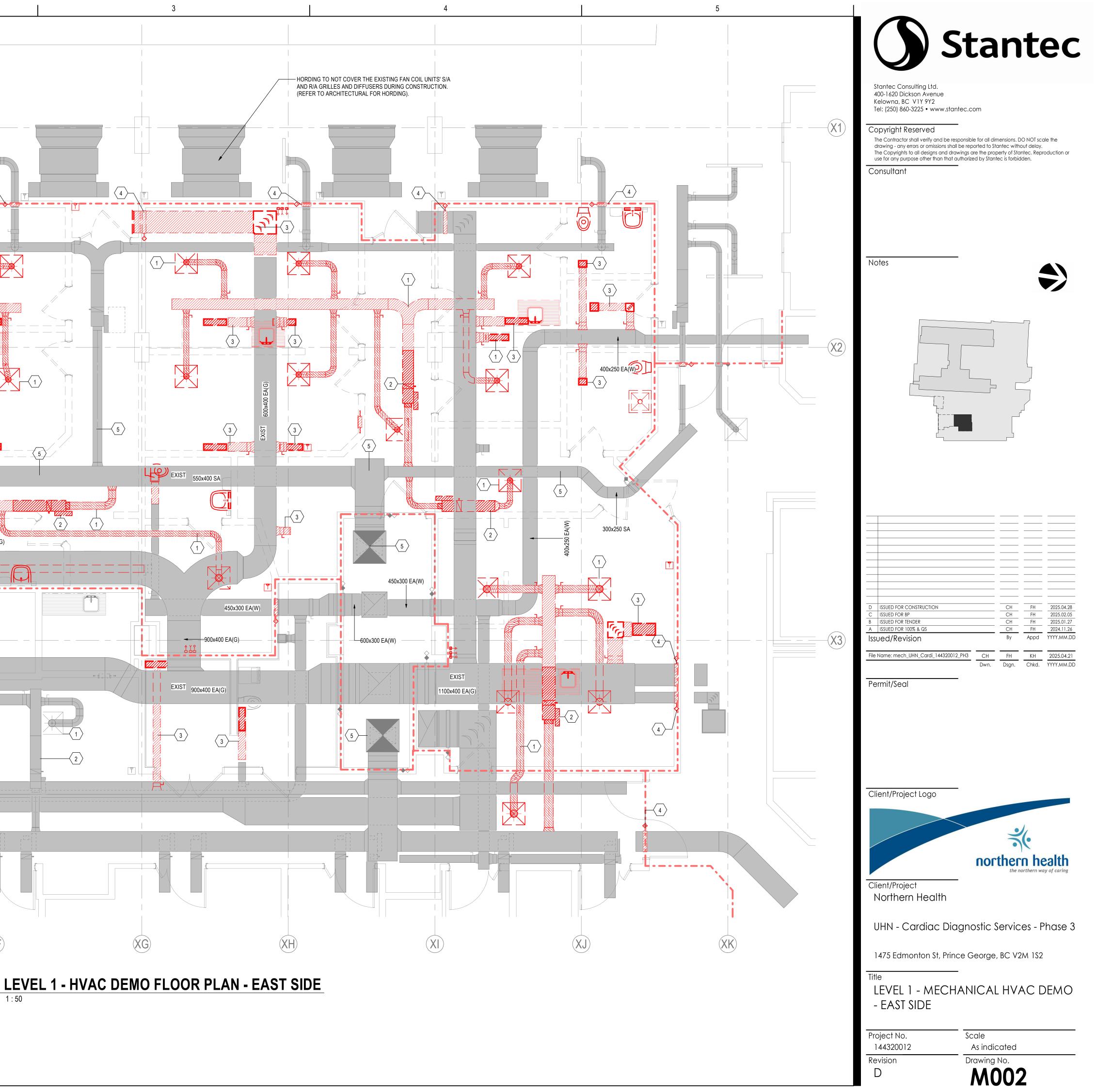
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		1		2	
	PROJECT				
D		GENERAL NOTES: 1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARAT	fions.		
С		Key Value         Keynote           1         DEMOLISH EXISTING DIFFUSERS AND ASSOCIATED SUDUCTWORK. (TYPICAL).           2         DEMOLISH EXISTING SUPPLY AIR VALVE.           3         DEMOLISH EXISTING EXHAUST AIR GRILLES AND ASSOCIATED SUDUCTWORK. (TYPICAL).           4         REPLACE EXISTING FIRE DAMPER WITH NEW SMOKE/F           5         EXISTING SUPPLY AIR DUCT TO REMAIN AND PROTECT	e Text PPLY AIR DUCTWORK. PROVIDE CAP OFF FOR CIATED EXHAUST DUCTWORK. PROVIDE CAP OFF IRE COMBI DAMPERS.(TYPICAL).		
				NTINUATION REFER TO DWG M004	900x400 EA(G)
В				FOR CONTIN	
A					XF
1/21/2025 11:47:47 AM					1 M002

ORIGINAL SHEET - ARCH D



1 : 50

D	ISSUED FOR CONSTRUCTION		CH	FH	2025.04.28
С	ISSUED FOR BP		СН	FH	2025.02.05
В	ISSUED FOR TENDER		CH	FH	2025.01.27
A ISSUED FOR 100% & QS		СН	FH	2024.11.26	
Iss	ued/Revision		Ву	Appd	YYYY.MM.DD
File	Name: mech_UHN_Cardi_144320012_PH3	СН	FH	KH	2025.04.21
-		Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

PROJECT
NORTH

GENERAL NOTES:

1

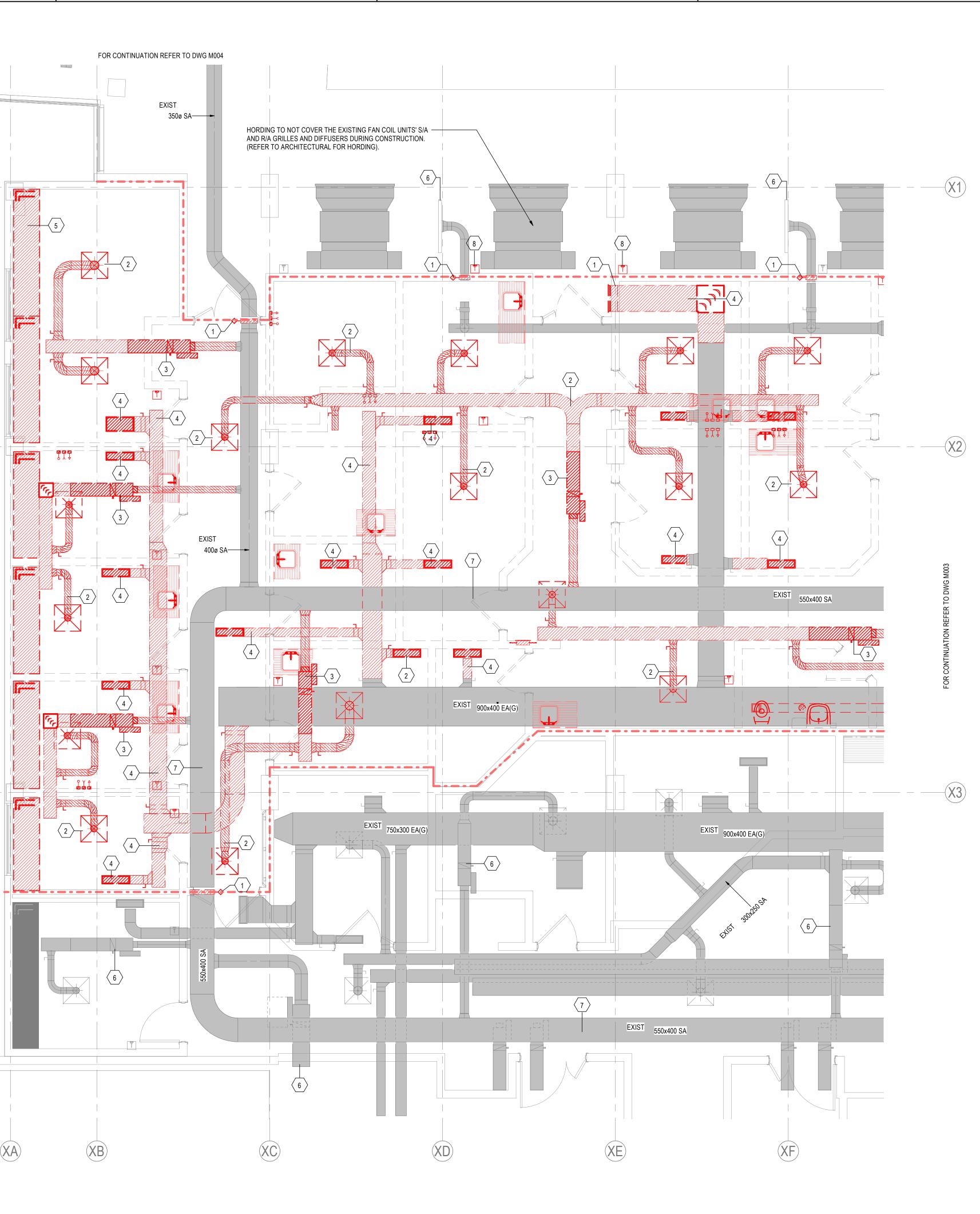
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

	MECHANICAL KEYNOTES			
Key Value	Keynote Text			
1	REPLACE EXISTING FIRE DAMPER WITH NEW SMOKE/FIRE COMBI DAMPERS.(TYPICAL).			
2	DEMOLISH EXISTING DIFFUSERS AND ASSOCIATED SUPPLY AIR DUCTWORK. PROVIDE CAP OFF FOR DUCTWORK. (TYPICAL).			
3	DEMOLISH EXISTING SUPPLY AIR VALVE.			
4	DEMOLISH EXISTING EXHAUST AIR GRILLES AND ASSOCIATED EXHAUST DUCTWORK. PROVIDE CAP OFF FOR DUCTWORK. (TYPICAL).			
5	DEMOLISH EXISTING HYDRONIC RADIANT CEILING PANELS. CAP OFF HWS/HWR PIPES. (TYPICAL).			
6	EXISTING SUPPLY AIR VALVE AND ASSOCIATED SUPPLY AIR DUCT SYSTEM TO REMAIN AND PROTECTED DURING CONSTRUCTION			
7	EXISTING SUPPLY AIR DUCT TO REMAIN AND PROTECTED DURING CONSTRUCTION.			
8	RELOCATE THERMOSTAT (TEMPERATURE SENSOR).			



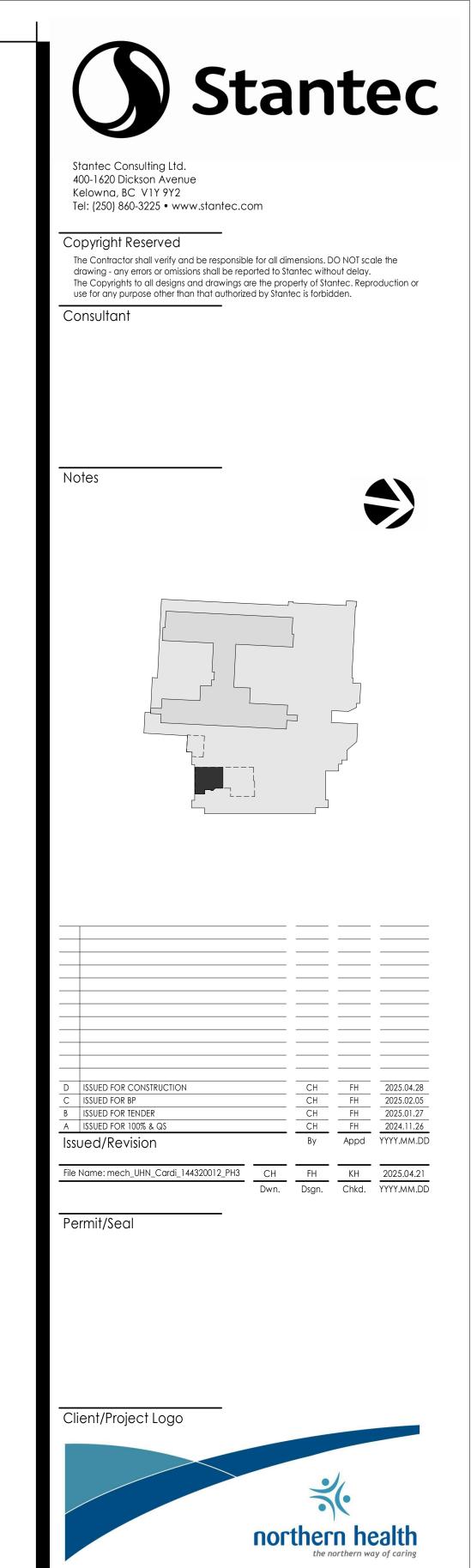
ORIGINAL SHEET - ARCH D





4

# 1 LEVEL 1 - HVAC DEMO FLOOR PLAN - WEST SIDE M003 1:50



Client/Project Northern Health

UHN - Cardiac Diagnostic Services - Phase 3

1475 Edmonton St, Prince George, BC V2M 1S2

Title

LEVEL 1 - MECHANICAL HVAC DEMO - WEST SIDE

Project No. 144320012

Scale As indicated

Drawing No.

Revision D

PROJECT NORTH

GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

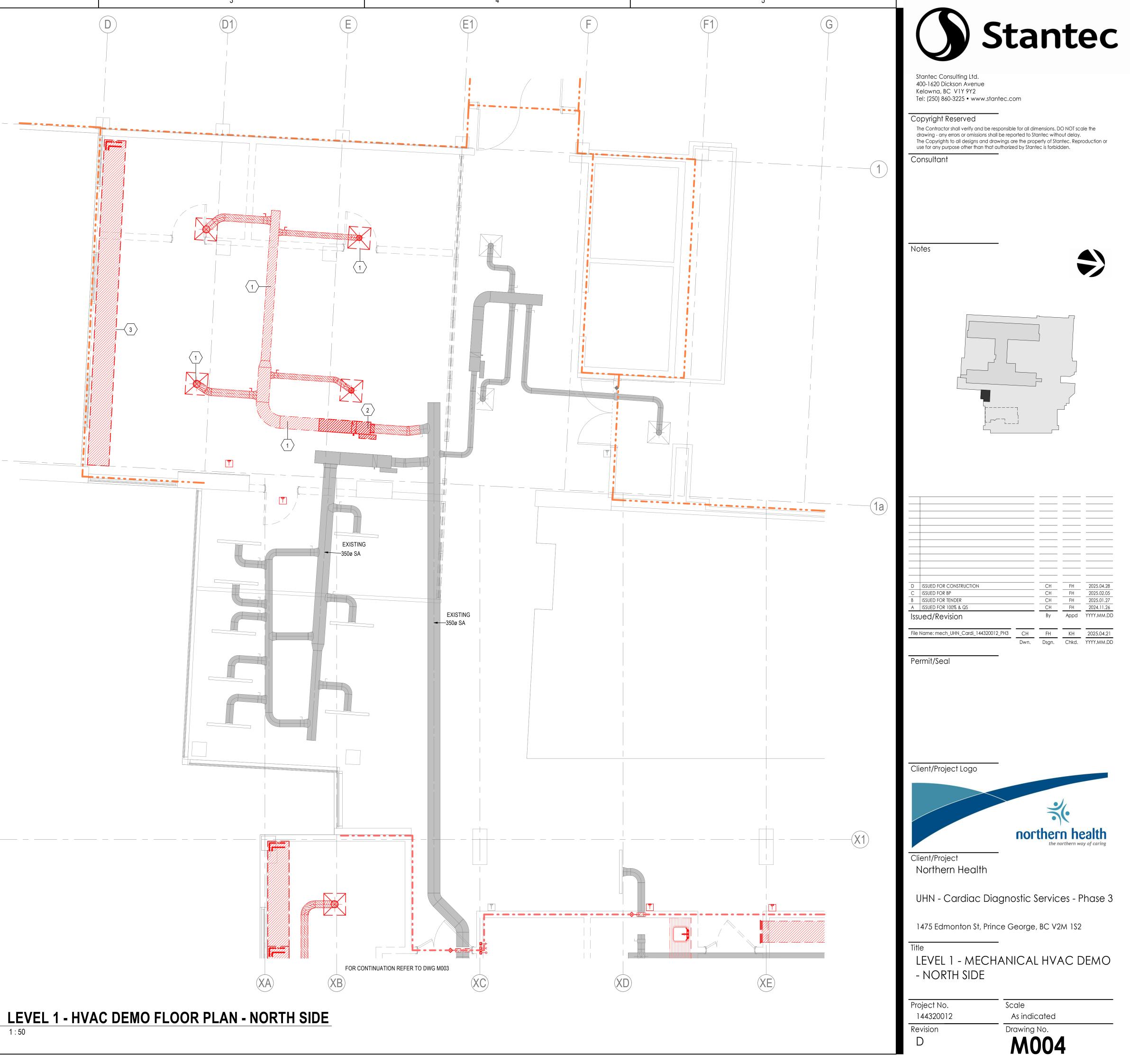
# MECHANICAL KEYNOTES

Key Value	Keynote Text
•	DEMOLISH EXISTING DIFFUSERS AND ASSOCIATED SUPPLY AIR DUCTWORK. PROVIDE CAP OFF FOR DUCTWORK. (TYPICAL).
2	DEMOLISH EXISTING SUPPLY AIR VALVE.
3	DEMOLISH EXISTING HYDRONIC RADIANT CEILING PANELS. CAP OFF HWS/HWR PIPES. (TYPICAL).



ORIGINAL SHEET - ARCH D







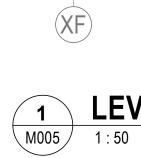
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

MECHANICAL KEYNOTES				
Key Value Keynote Text				
1	DEMOLISH EXISTING THERMOSTAT. (TYPICAL).			
2	DEMOLISH EXISTING 20 HWS/HWR PIPES. PROVIDE CAP OFF.			
3	8 EXISTING THERMOSTAT TO REMAIN AND PROTECTED DURING CONSTRUCTION. (TYPICAL).			
4	EXISTING CHWS/CHWR PIPING TO REMAIN AND PROTECTED DURING CONSTRUCTION.			
5 EXISTING HWS/HWR PIPING TO REMAIN AND PROTECTED DURING CONSTRUCTION.				

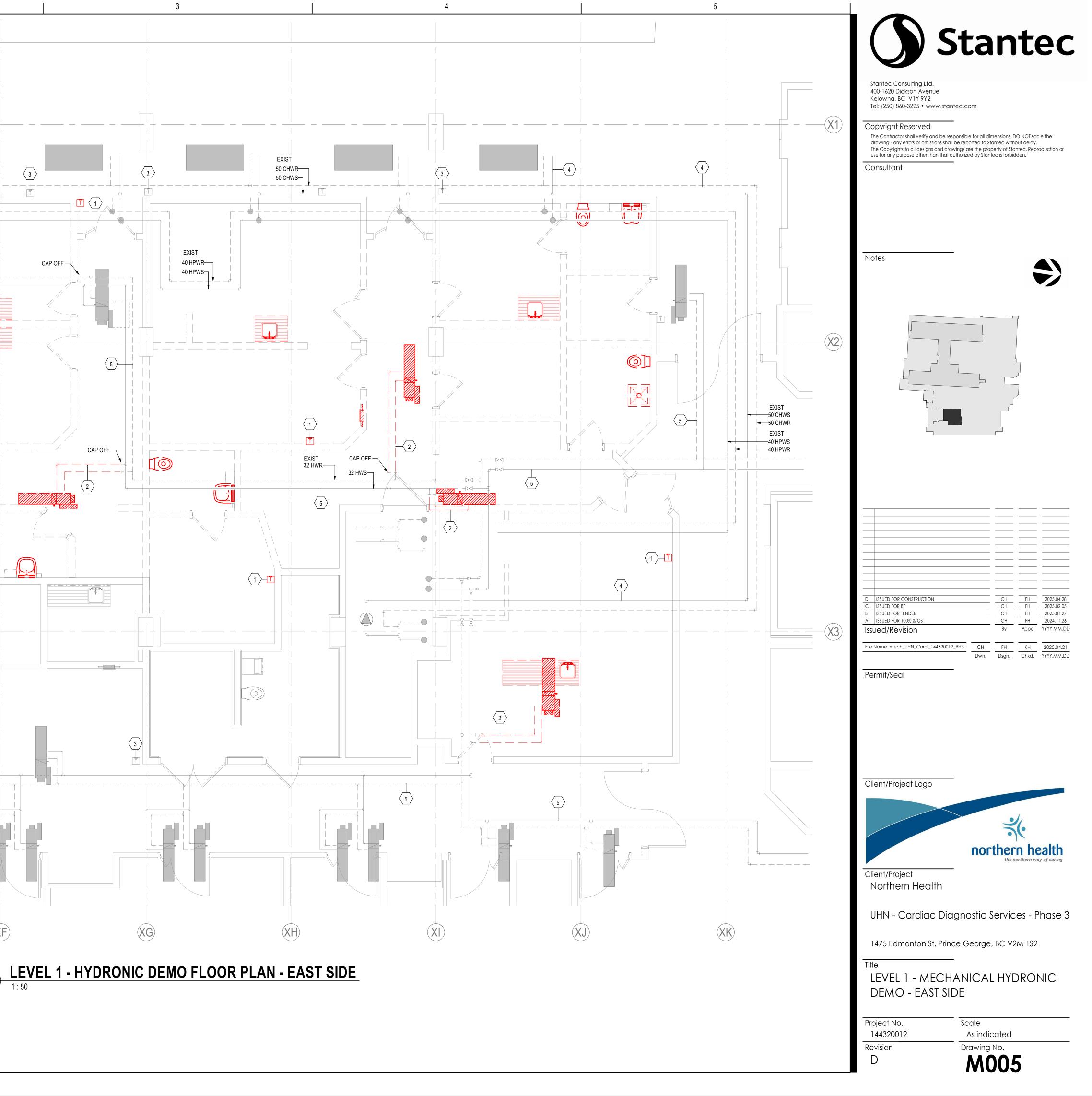
2



ORIGINAL SHEET - ARCH D



min 🗌





GENERAL NOTES:

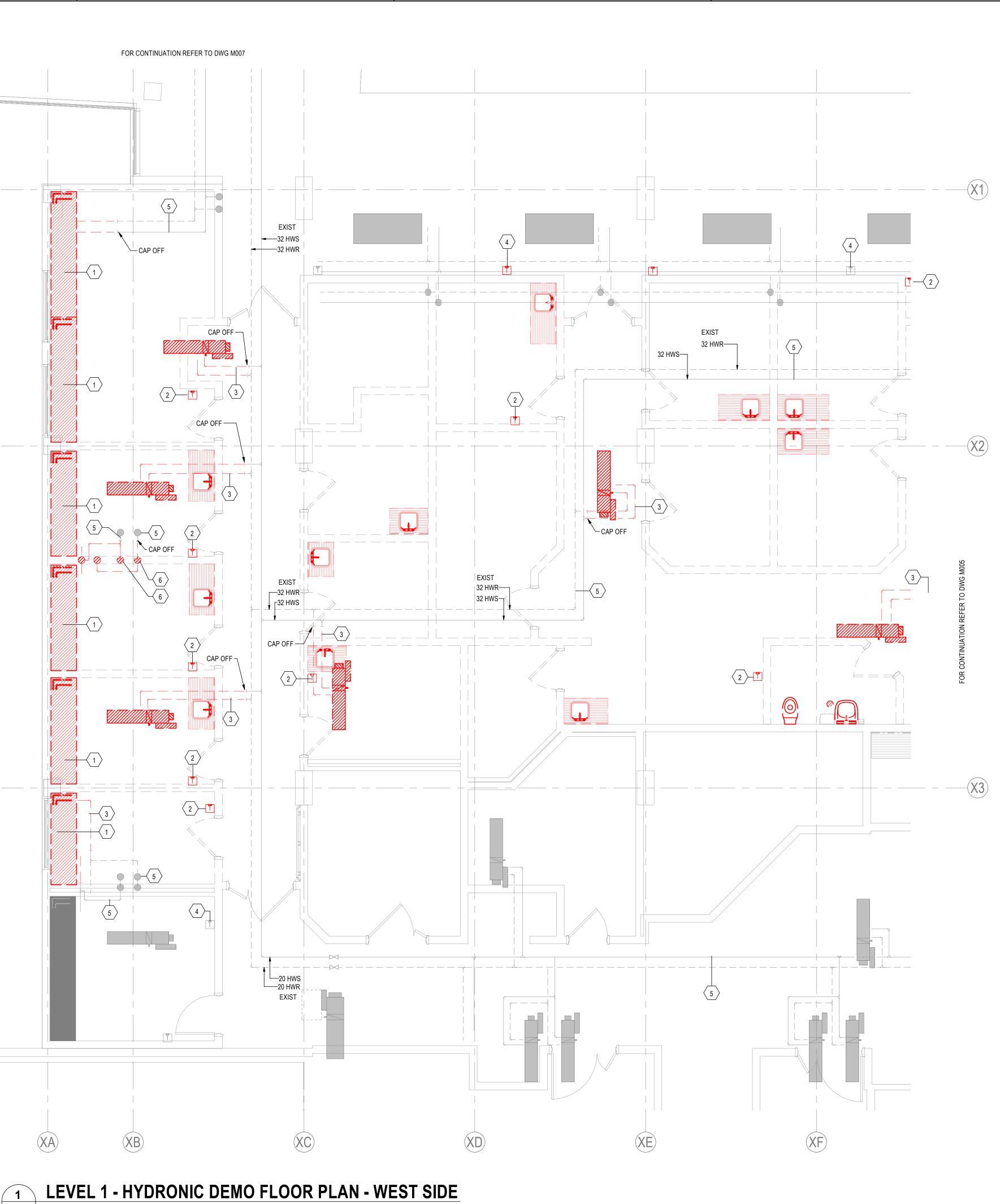
D

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

1

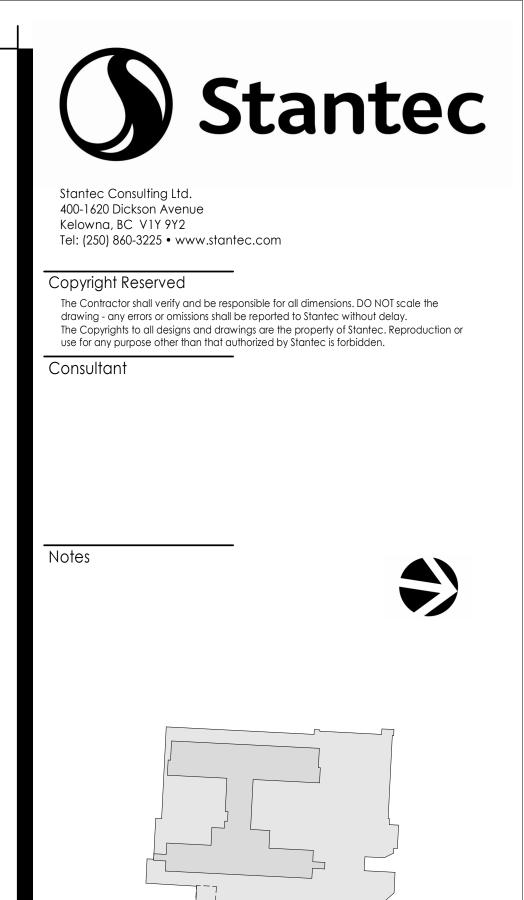
MECHANICAL KEYNOTES				
Key Value Keynote Text				
1	DEMOLISH EXISTING HYDRONIC HEATING WATER BASEBOARD HEATERS. CAP OFF HWS/HWR PIPES. (TYPICAL).			
2	DEMOLISH EXISTING THERMOSTAT.(TYPICAL).			
3	DEMOLISH EXISTING 20 HWS/HWR PIPES. PROVIDE CAP OFF.			
4	EXISTING THERMOSTAT TO REMAIN AND PROTECTED DURING CONSTRUCTION. (TYPICAL).			
5	EXISTING HWS/HWR PIPING TO REMAIN AND PROTECTED DURING CONSTRUCTION.			
6	DEMOLISH EXISTING 25 HWS/HWR PIPE RISERS TO LEVEL BELOW PROVIDE CAP OFF.			

ORIGINAL SHEET - ARCH D



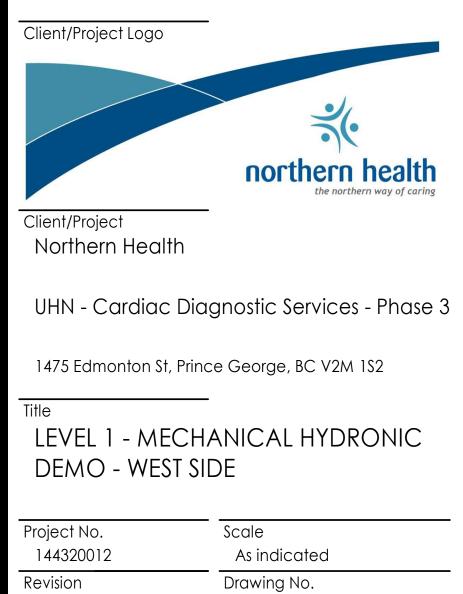
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M006 1 : 50



D	ISSUED FOR CONSTRUCTION		СН	FH	2025.04.28
С	ISSUED FOR BP		СН	FH	2025.02.05
В	ISSUED FOR TENDER		СН	FH	2025.01.27
А	ISSUED FOR 100% & QS		СН	FH	2024.11.26
lssu	Jed/Revision		Ву	Appd	YYYY.MM.DD
File	Name: mech_UHN_Cardi_144320012_PH3	СН	FH	КН	2025.04.21
		Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Permit/Seal



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Drawing No.

PROJECT	
NORTH	

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

	MECHANICAL KEYNOTES				
Key Value	Keynote Text				
1	DEMOLISH EXISTING THERMOSTAT. (TYPICAL).				
2	DEMOLISH EXISTING 20 HWS/HWR PIPES. PROVIDE CAP OFF.				
3	DEMOLISH EXISTING HYDRONIC RADIANT CEILING PANELS. CAP OFF HWS/HWR PIPES. (TYPICAL).				



ORIGINAL SHEET - ARCH D







ORIGINAL SHEET - ARCH D

GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. HAND OVER THE EXISTING SINKS AND ASSOCIATED ELECTRONIC FAUCETS TO THE OWNER.

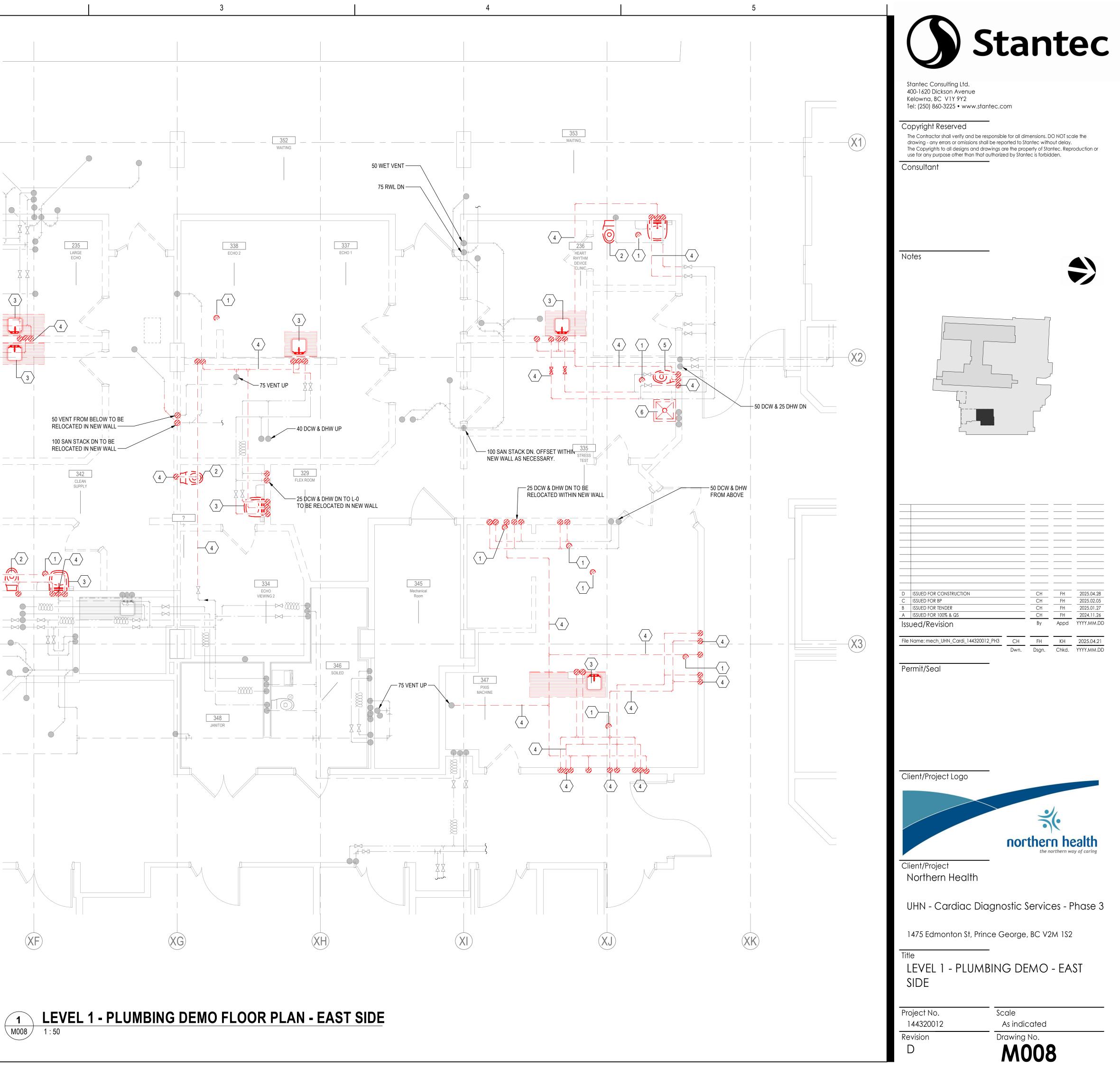
ELECTRONIC FAUCET TO THE OWNER.(TYPICAL).           4         DEMOLISH EXISTING DCW, DHW, VENT AND SANITARY DRAIN PIPE. PROVIDE CAP OFF. (TYPICAL).           5         DEMOLISH EXISTING CLINICAL SERVICE SINK (SOILED HOPPER) AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF.		MECHANICAL KEYNOTES				
2       DEMOLISH EXISTING WATER CLOSET AND ASSOCIATED DCW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF FOR PIPES. (TYPICAL).         3       DEMOLISH EXISTING SINK AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF FOR PIPES. HAND OVER THE EXISTING SINK AND ASSOCIATE ELECTRONIC FAUCET TO THE OWNER.(TYPICAL).         4       DEMOLISH EXISTING DCW, DHW, VENT AND SANITARY DRAIN PIPE. PROVIDE CAP OFF. (TYPICAL).         5       DEMOLISH EXISTING CLINICAL SERVICE SINK (SOILED HOPPER) AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF.	Key Value	Keynote Text				
Image: Second Control of the intervention of the interventintervented of the intervention of the intervention of the interv	1	DEMOLISH EXISTING FLOOR DRAIN. CAP OF SAN DRAIN PIPE IN LEVEL BELOW.				
PIPING. PROVIDE CAP OFF FOR PIPES. HAND OVER THE EXISTING SINK AND ASSOCIATE ELECTRONIC FAUCET TO THE OWNER.(TYPICAL).         4       DEMOLISH EXISTING DCW, DHW, VENT AND SANITARY DRAIN PIPE. PROVIDE CAP OFF. (TYPICAL).         5       DEMOLISH EXISTING CLINICAL SERVICE SINK (SOILED HOPPER) AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF.	2	,				
(TYPICAL).         5       DEMOLISH EXISTING CLINICAL SERVICE SINK (SOILED HOPPER) AND ASSOCIATED DCW.         DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF.	3	PIPING. PROVIDE CAP OFF FOR PIPES. HAND OVER THE EXISTING SINK AND ASSOCIATED				
DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF.	4					
6 DEMOLISH EXISTING JANITOR SINK AND ASSOCIATED DCW. DHW. SANITARY DRAIN AND	5	DEMOLISH EXISTING CLINICAL SERVICE SINK (SOILED HOPPER) AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF.				
VENT PIPING. PROVIDE CAP OFF.	6	DEMOLISH EXISTING JANITOR SINK AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF.				

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D	ISSUED FOR CONSTRUCTION		CH	FH	2025.04.28
С	ISSUED FOR BP		СН	FH	2025.02.05
В	ISSUED FOR TENDER		СН	FH	2025.01.27
А	ISSUED FOR 100% & QS		СН	FH	2024.11.26
lss	ued/Revision		Ву	Appd	YYYY.MM.DD
File	Name: mech_UHN_Cardi_144320012_PH3	СН	FH	KH	2025.04.21

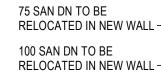


1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. HAND OVER THE EXISTING SINKS AND ASSOCIATED ELECTRONIC FAUCETS TO THE OWNER.

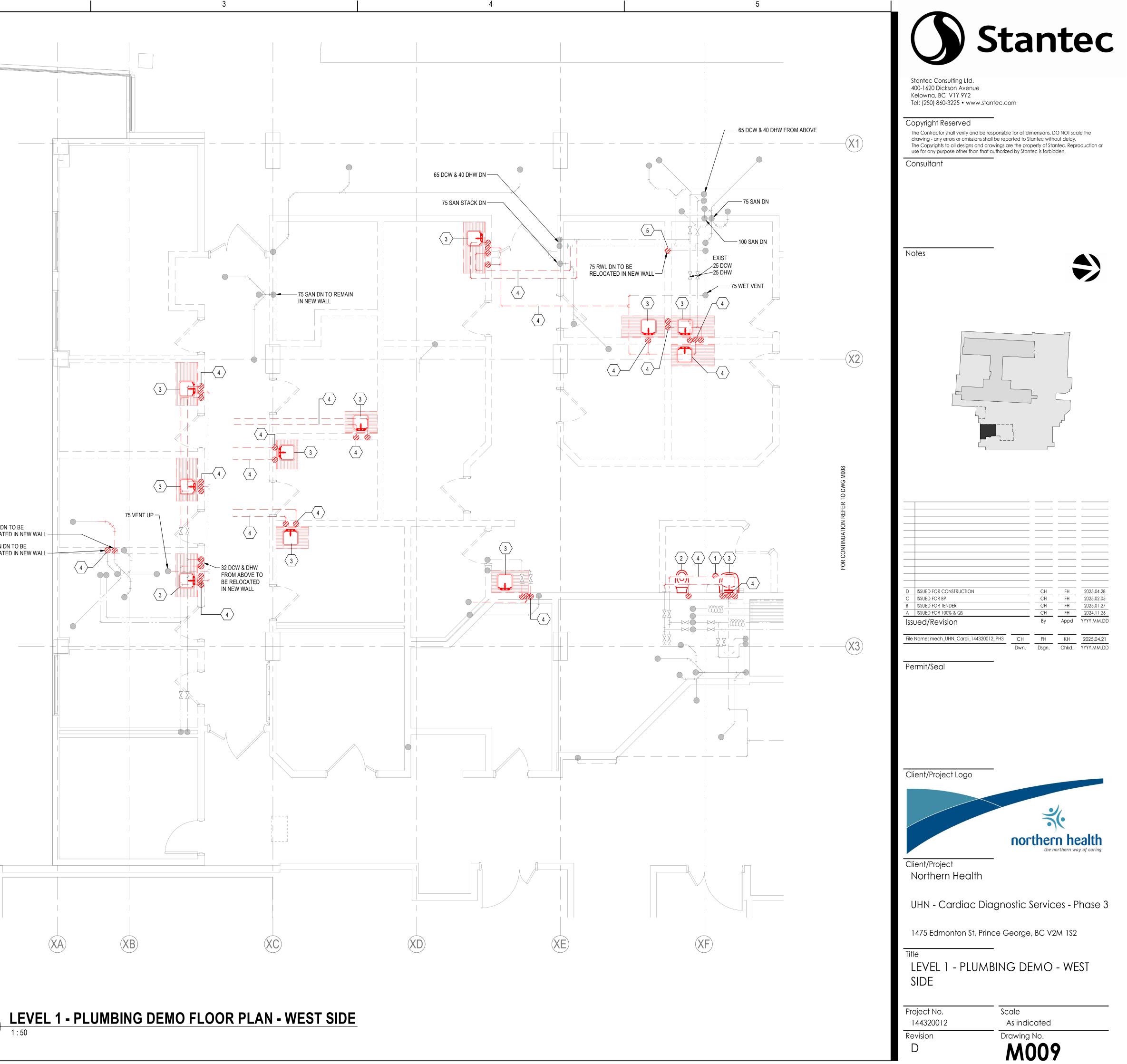
# MECHANICAL KEYNOTES Keynote Text

Key Value	Keynote Text
1	DEMOLISH EXISTING FLOOR DRAIN. CAP OF SAN DRAIN PIPE IN LEVEL BELOW.
	DEMOLISH EXISTING WATER CLOSET AND ASSOCIATED DCW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF FOR PIPES. (TYPICAL).
	DEMOLISH EXISTING SINK AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF FOR PIPES. HAND OVER THE EXISTING SINK AND ASSOCIATED ELECTRONIC FAUCET TO THE OWNER.(TYPICAL).
4	DEMOLISH EXISTING DCW, DHW, VENT AND SANITARY DRAIN PIPE. PROVIDE CAP OFF. (TYPICAL).
5	RELOCATE EXISTING RWL PIPE FROM DEMOLISHED WALL INTO A NEW WALL.



2

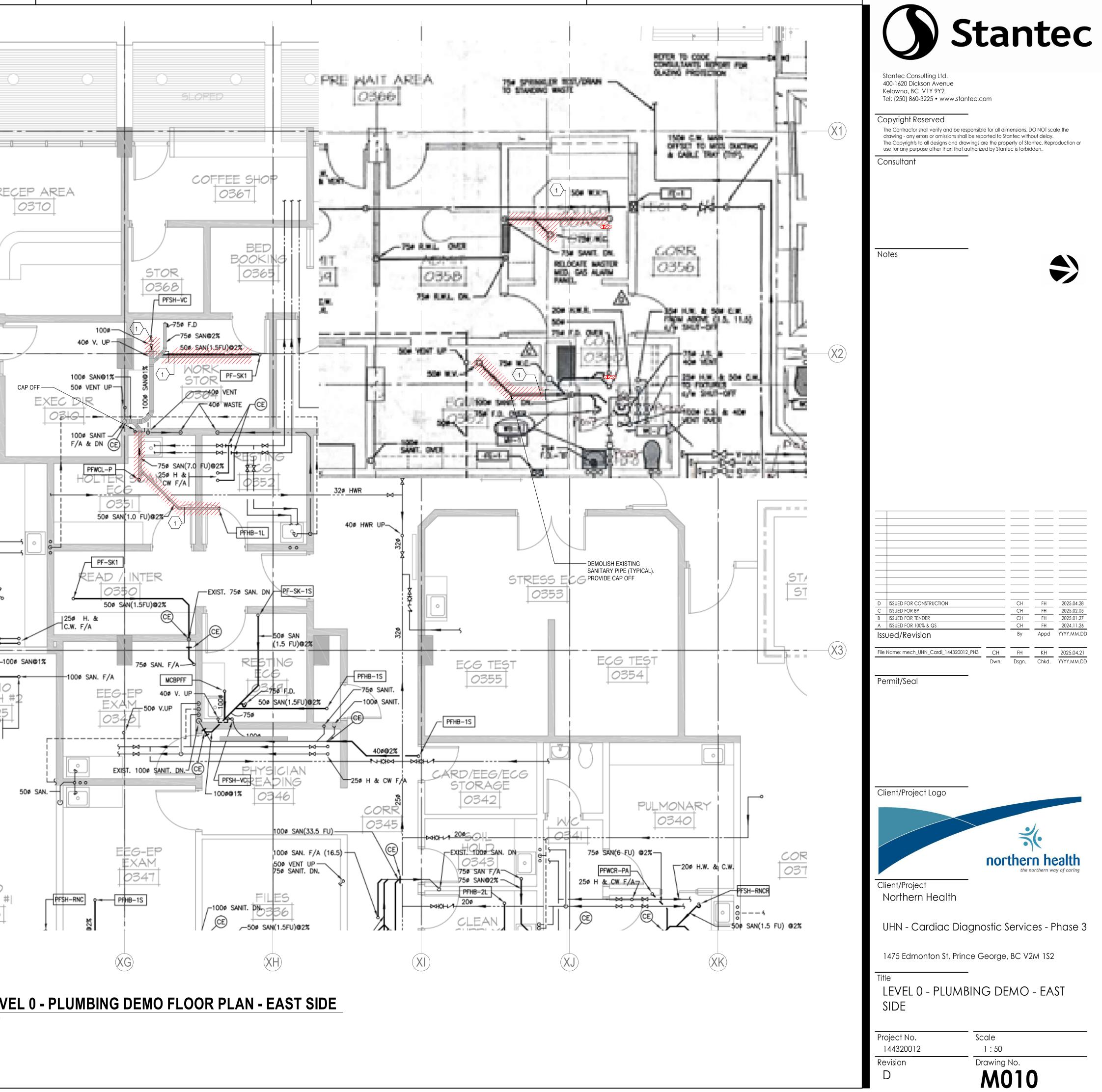
ORIGINAL SHEET - ARCH D



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	PROJECT NORTH						
			MECHANICAL	. KEYNOTES			
D		Key Value 1	DEMOLISH EXISTING SAN	Keynote Text ITARY DRAIN PIPE (TYPICAL). PROVID	DE CAP OFF.		
							RE
С							
						-0 DWG M011	
						FOR CONTINUATION REFER TO DWG M011	
						FOR CON	
В							
							PROOF PIPING TO TIC CONSULTANTS WENDATIONS
							SANIT. DN .W.L. DN F PIPING TO NSULTANTS TIONS
							BOOTH # )@2% 0326 PFHB-15
A							XF
' Information>							<b>1 LEV</b> M010 1:50
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	ORIGINAL SHEET - ARCH D						



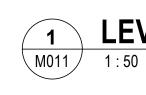


Ν	MECHANICAL KEYNOTES
Key Value	Keynote Text
1	DEMOLISH EXISTING SANITARY DRAIN PIPE (TYPICAL).



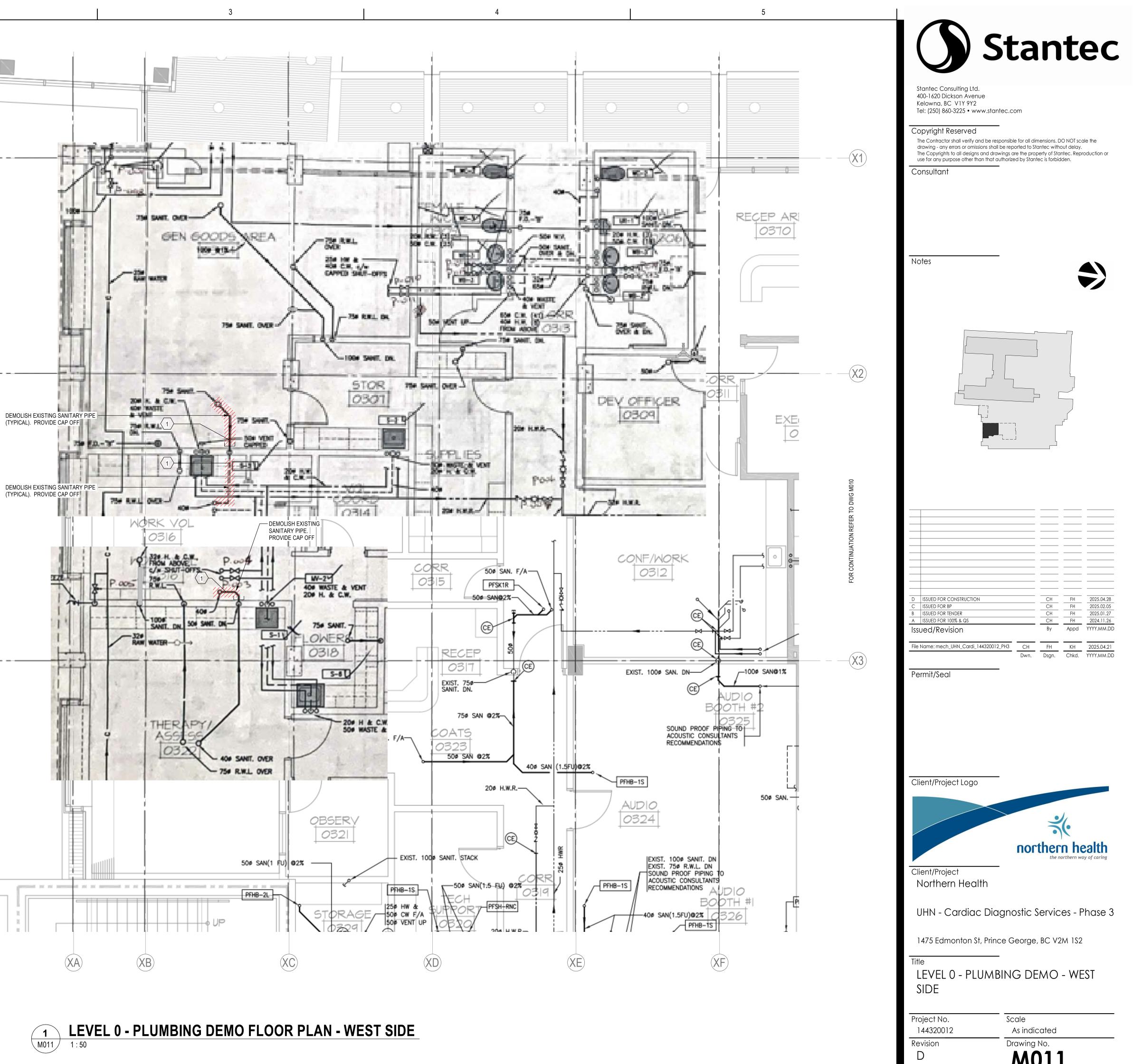


ORIGINAL SHEET - ARCH D



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M011

PROJECT	
NORTH	

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

MECHANICAL KEYNOTES				
Key Value	Keynote Text			
1	DEMOLISH EXISTING MEDICAL GAS ZONE VALVE BOX AND MEDICAL GAS ALARM PANEL.			
2	DEMOLISH EXISTING OXYGEN, MEDICAL AIR AND MEDICAL VACUUM PIPES AND ASSOCIATED MEDICAL GAS OUTLETS. PROVIDE CAP OFF.			



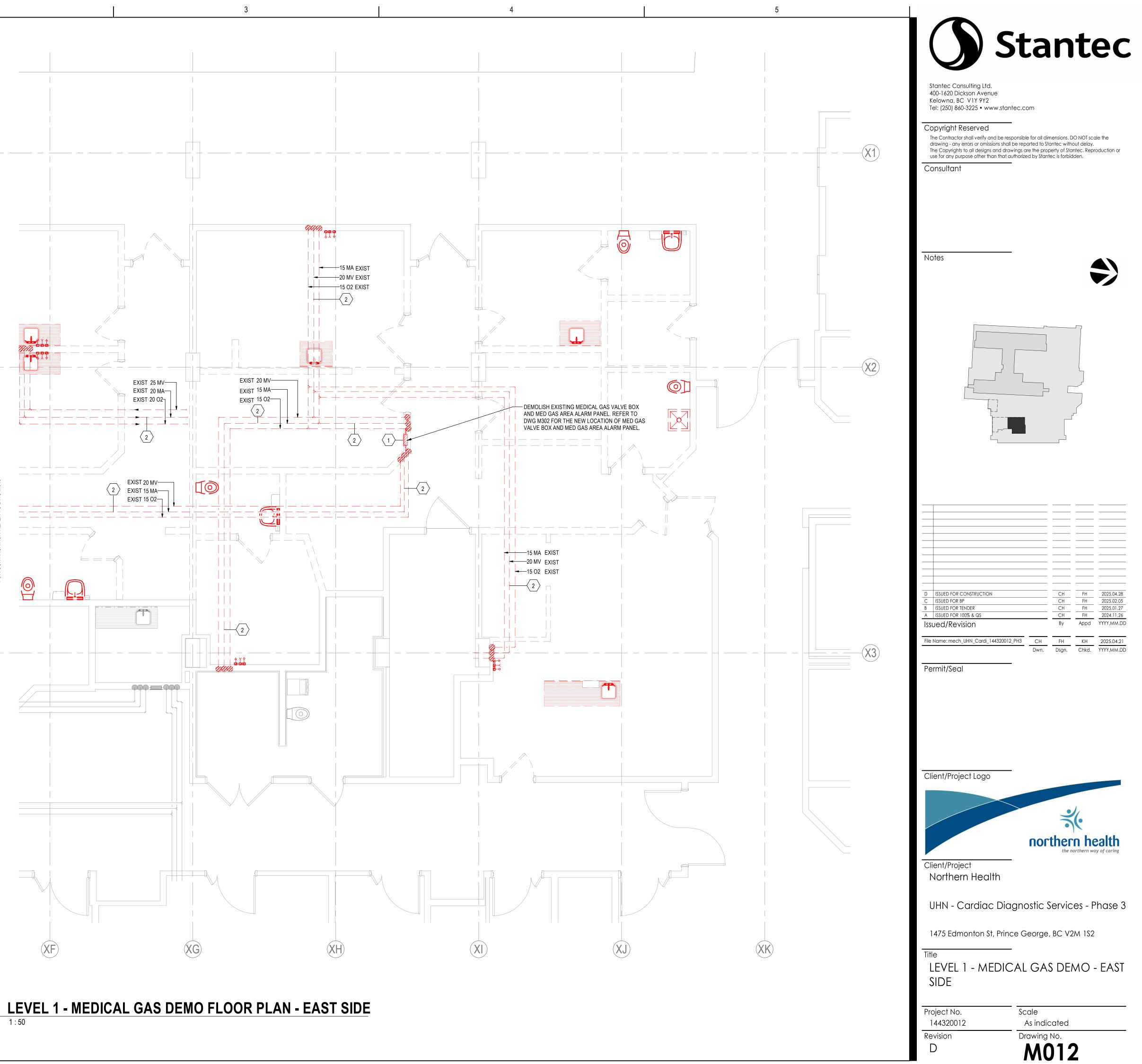
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ORIGINAL SHEET - ARCH D



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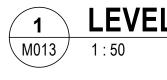


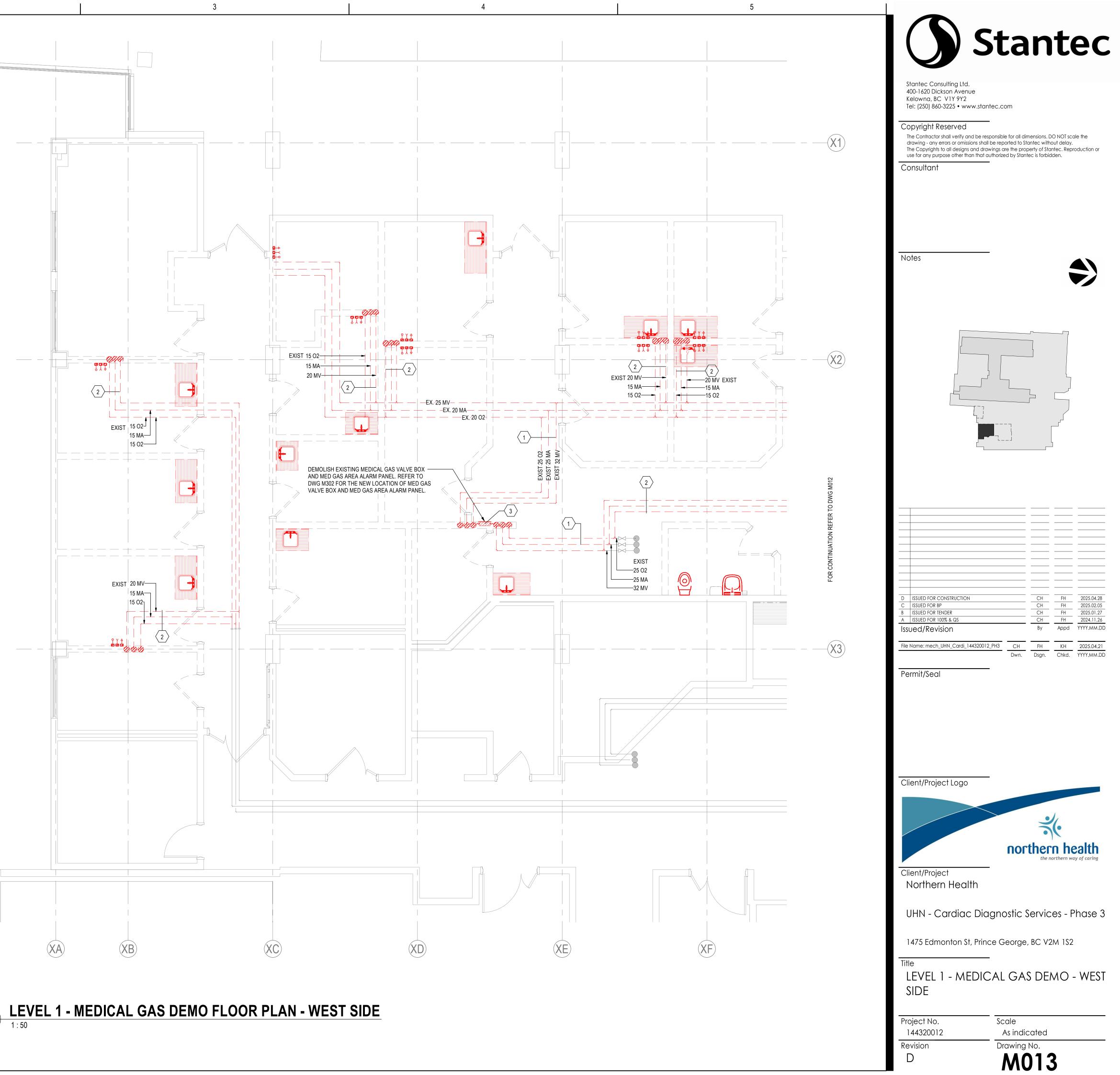
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

	MECHANICAL KEYNOTES						
Key Value	Keynote Text						
1	DEMOLISH EXISTING 25 O2, 25 MA AND 32 MV. PROVIDE CAP OFF.						
2	DEMOLISH EXISTING OXYGEN, MEDICAL AIR AND MEDICAL VACUUM PIPES AND ASSOCIATED MEDICAL GAS OUTLETS. PROVIDE CAP OFF.						
3	DEMOLISH EXISTING MEDICAL GAS ZONE VALVE BOX AND MEDICAL GAS ALARM PANEL.						









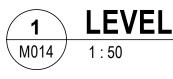
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. WITHIN CONTRACT SCOPE PROVIDE FOR REPLACEMENT OF EXISTING SPRINKLERS WITH NEW SPRINKLERS. PROVIDE FOR MULTIPLE SHUT-DOWNS AND RE-CHARGE TO ACCOMPLISH THE ISOLATION WORK INCLUDING NIGHT-TIME HOURS. PROVIDE FOR FIRE WATCH DURING TIMES WITH NO FIRE SUPPRESSION SYSTEM.

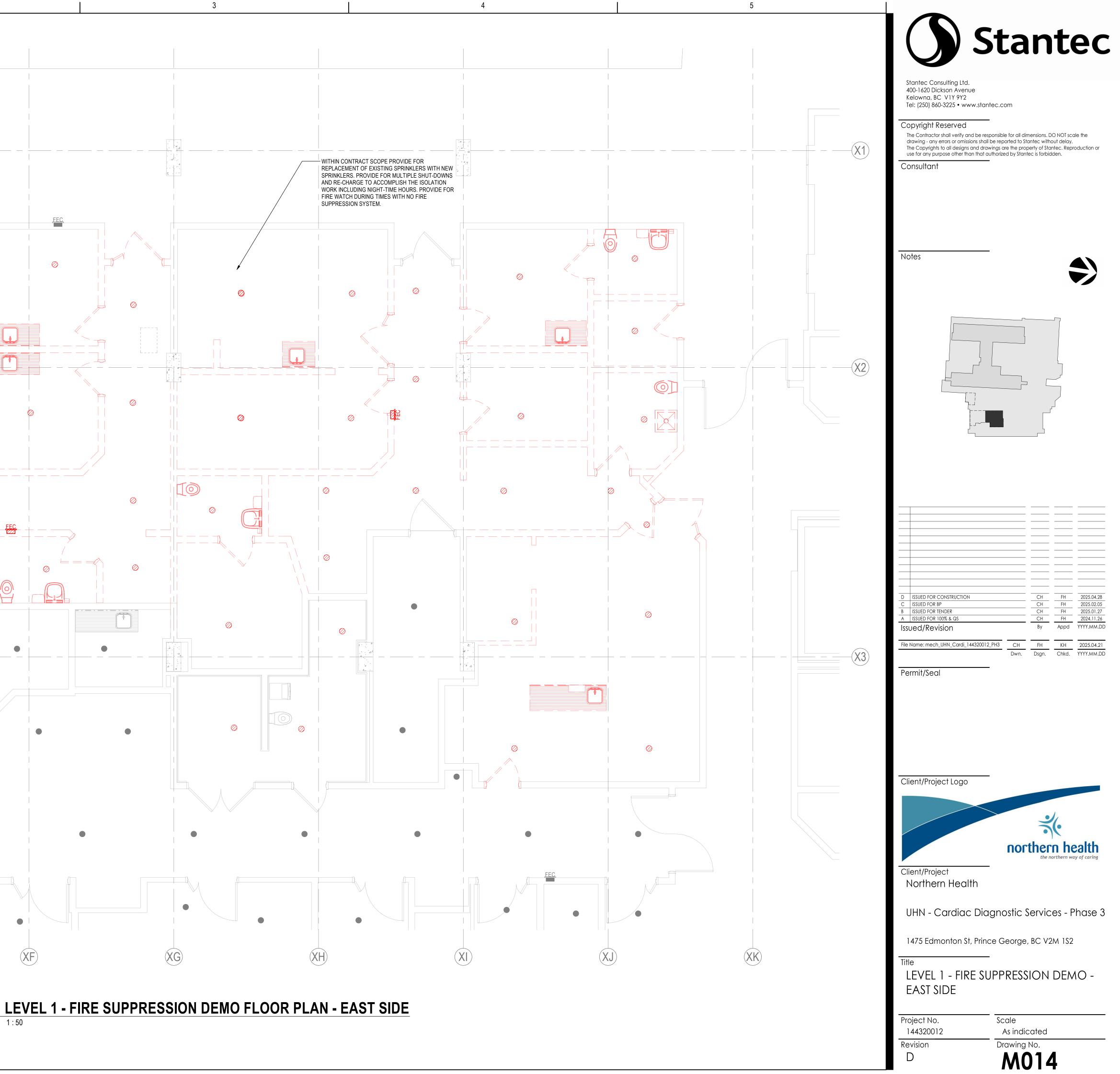
3. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

4. COORDINATE SHUT-DOWNS FOR FIRE PROTECTION SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.

ORIGINAL SHEET - ARCH D



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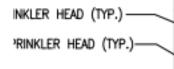
GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

1

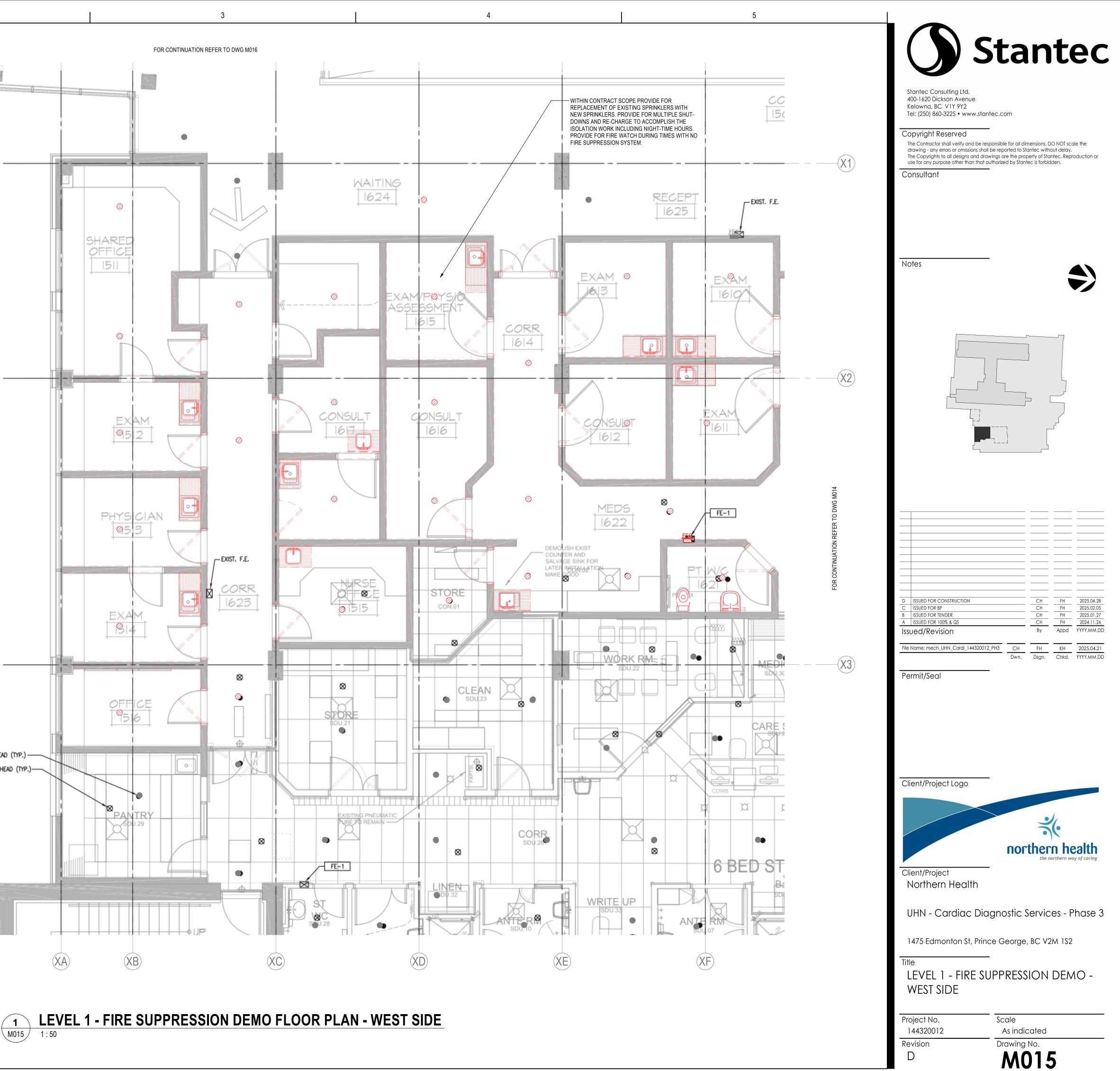
2. WITHIN CONTRACT SCOPE PROVIDE FOR REPLACEMENT OF EXISTING SPRINKLERS WITH NEW SPRINKLERS. PROVIDE FOR MULTIPLE SHUT-DOWNS AND RE-CHARGE TO ACCOMPLISH THE ISOLATION WORK INCLUDING NIGHT-TIME HOURS. PROVIDE FOR FIRE WATCH DURING TIMES WITH NO FIRE SUPPRESSION SYSTEM. 3. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

4. COORDINATE SHUT-DOWNS FOR FIRE PROTECTION SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.



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ORIGINAL SHEET - ARCH D



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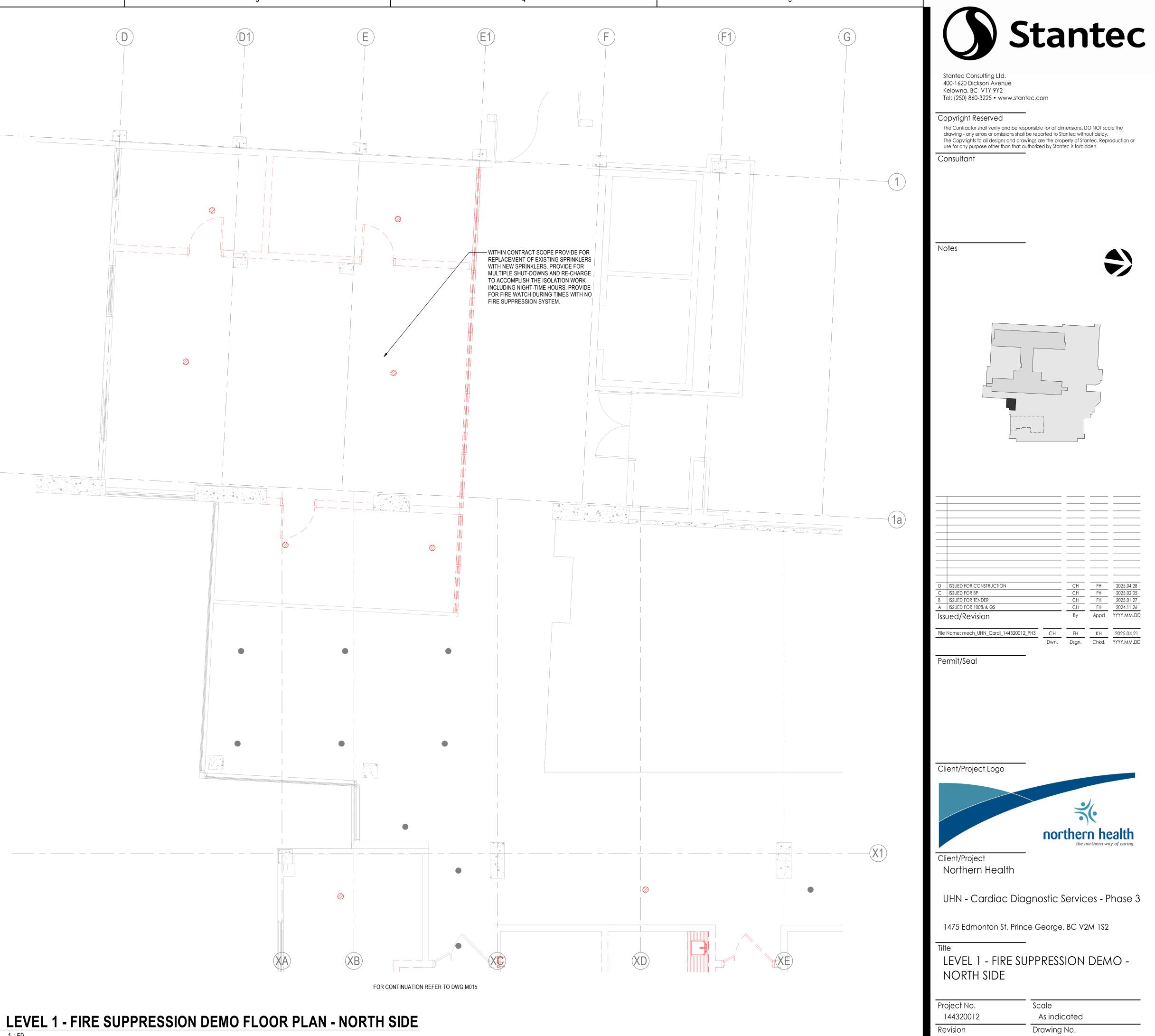
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. WITHIN CONTRACT SCOPE PROVIDE FOR REPLACEMENT OF EXISTING SPRINKLERS WITH NEW SPRINKLERS. PROVIDE FOR MULTIPLE SHUT-DOWNS AND RE-CHARGE TO ACCOMPLISH THE ISOLATION WORK INCLUDING NIGHT-TIME HOURS. PROVIDE FOR FIRE WATCH DURING TIMES WITH NO FIRE SUPPRESSION SYSTEM. 3. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

4. COORDINATE SHUT-DOWNS FOR FIRE PROTECTION SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.



ORIGINAL SHEET - ARCH D



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M016



						CSA	A Minimum	Airflow Requ	irements						
Room: Number	Room: Name	CSA REF.#	CSA Space Style	Space Type	Volume	Area	CSA Pressurization	CSA Min S/A (ACH)	Minimum CSA Supply Airflow (L/s)	CSA Min O/A (ACH)	CSA Min W/E (ACH)	CSA Min G/E (ACH)	Actual Supply Airflow	Actual Exhaust Airflow	Actual Return Airflow
32 33	BOOKING EXAM 1	17.5 16	General - Office Exam / Treatment		40.0 m <sup>3</sup> 24.3 m <sup>3</sup>	16.4 m <sup>2</sup> 10.0 m <sup>2</sup>	Eq Eq	3	33 41	1	0	0	45 45	45 45	0
			(Doctor's Offices)				-	-		-	0				-
34	EXAM 3	16	Exam / Treatment (Doctor's Offices)		24.3 m <sup>3</sup>	9.9 m²	Eq	6	40	2	0	0	45	45	0
35	LARGE ECHO	25.2	Minor Surgical Procedure - Endoscopy	1	49.3 m³	20.2 m <sup>2</sup>	Pos	15	205	5	0	15	206	170	0
36	HEART RHYTHM DEVICE CLINIC	16	Exam / Treatment (Doctor's Offices)	II	52.0 m <sup>3</sup>	21.3 m <sup>2</sup>	Eq	6	87	2	0	0	44	88	0
37	ECHO VIEWING 1	17.5	General - Office		12.2 m <sup>3</sup>	5.0 m <sup>2</sup>	Eq	3	10	1	0	0	18	18	0
38	HOLTER SCANNING	17.5	General - Office	III	54.0 m <sup>3</sup>	22.1 m²	Eq	3	45	1	0	0	56	0	0
39	ECG / HOLTER 3	16	Exam / Treatment (Doctor's Offices)	II	23.5 m³	9.6 m²	Eq	6	39	2	0	0	40	40	0
40	ECG / HOLTER 2	16	Exam / Treatment (Doctor's Offices)	II	23.0 m <sup>3</sup>	9.4 m²	Eq	6	38	2	0	0	40	40	0
50		17.1	General - Storage		7.5 m <sup>3</sup>	3.1 m <sup>2</sup>	Eq	2	4	0	0	0	0	0	0
15	HEART EXAM 3	16	Exam / Treatment (Doctor's Offices)	II	22.5 m <sup>3</sup>	9.2 m²	Eq	6	38	2	0	0	40	40	0
16	HEART EXAM 2	16	Exam / Treatment (Doctor's Offices)	11	23.2 m <sup>3</sup>	9.5 m²	Eq	6	39	2	0	0	40	40	0
17	HEART EXAM 1	16	Exam / Treatment (Doctor's Offices)	II	23.2 m <sup>3</sup>	9.5 m²	Eq	6	39	2	0	0	40	40	0
18	HEART EXAM 4	16	Exam / Treatment (Doctor's Offices)	II	26.0 m <sup>3</sup>	10.8 m <sup>2</sup>	Eq	6	43	2	0	0	44	44	0
19	CLINICAL EDUCATION CENTRE	17.2	General - Conference Room	III	76.8 m <sup>3</sup>	31.5 m <sup>2</sup>	Neg	10	213	0	0	0	180	216	0
21		8	Corridor	111	41.9 m <sup>3</sup>	17.1 m <sup>2</sup>	Eq	3	35	1	0	0	35	35	0
22	STAFF ROOM	17.4	General - Locker room (Staff)	III	56.5 m <sup>3</sup>	18.6 m <sup>2</sup>	Neg	3	47	1	3	0	0	0	0
26	ECG / HOLTER 1	16	Exam / Treatment (Doctor's Offices)	II	26.3 m <sup>3</sup>	10.8 m <sup>2</sup>	Eq	6	44	2	0	0	45	45	0
27	TEAM LEADS	17.5	General - Office	111	24.9 m <sup>3</sup>	10.2 m <sup>2</sup>	Eq	3	21	1	0	0	40	40	0
29	FLEX ROOM	25.1	Minor Surgical Procedure - General	I	33.3 m³	13.7 m²	Pos	15	139	5	0	0	140	105	0
30	EXAM 5	16	Exam / Treatment (Doctor's Offices)	11	23.9 m <sup>3</sup>	9.8 m²	Eq	6	40	2	0	0	40	40	0
31	EXAM 6	16	Exam / Treatment (Doctor's Offices)	II	23.9 m <sup>3</sup>	9.8 m²	Eq	6	40	2	0	0	45	45	0
33	STAFF WC	29	Patient Washrooms, toilet rooms		10.6 m <sup>3</sup>	4.3 m <sup>2</sup>	Neg	0	0	0	9	0	0	30	0
34	ECHO VIEWING 2	17.5	General - Office		15.1 m <sup>3</sup>	6.2 m <sup>2</sup>	Eq	3	13	1	0	0	30	0	0
35		16	Exam / Treatment (Doctor's Offices)		154.3 m <sup>3</sup>	63.3 m <sup>2</sup>	Eq	6	257	2	0	0	264	264	0
37	ECHO 1	16	Exam / Treatment (Doctor's Offices)	II	27.6 m <sup>3</sup>	11.3 m <sup>2</sup>	Eq	6	46	2	0	0	50	50	0
38	ECHO 2	16	Exam / Treatment	II	27.5 m <sup>3</sup>	11.3 m <sup>2</sup>	Eq	6	46	2	0	0	50	50	0
40	EXAM 4	16	(Doctor's Offices) Exam / Treatment		24.4 m <sup>3</sup>	10.0 m <sup>2</sup>	Eq	6	41	2	0	0	45	45	0
41	EXAM 2	16	(Doctor's Offices) Exam / Treatment		24.3 m <sup>3</sup>	10.0 m <sup>2</sup>	Eq	6	41	2	0	0	45	45	0
42	CLEAN SUPPLY	7.2	(Doctor's Offices) Clin Support - Clean		21.5 m <sup>3</sup>	8.8 m <sup>2</sup>	Pos	6	36	2	0	0	65	45	0
43	CORRIDOR	8	Utility Corridor		205.8 m <sup>3</sup>	84.5 m <sup>2</sup>	Eq	3	171	1	0	0	170	170	0
45	Mechanical Room	-	(none)	1	35.8 m <sup>3</sup>	14.7 m <sup>2</sup>		-		·	-	-	0	0	0
46		7.1	Clin Support - Soiled Utility	III	26.4 m <sup>3</sup>	10.8 m <sup>2</sup>	Neg	10	73	0	10	0	0	73	0
47	PIXIS MACHINE	7.2	Clin Support - Clean Utility	III	12.9 m <sup>3</sup>	5.3 m <sup>2</sup>	Pos	6	21	2	0	0	60	40	0
48	JANITOR	19	Janitor Closet		16.2 m <sup>3</sup>	6.6 m <sup>2</sup>	Neg	10	45	0	10	0	0	45	0
49	PUBLIC WC		(none)		11.4 m <sup>3</sup>	4.7 m <sup>2</sup>							0	30	0
49	PUBLIC WC		(none)		Redundant Space	Redundan Space	t						0	0	0
50	REGISTRATION	17.6	General - Admitting	III	37.2 m <sup>3</sup>	15.3 m <sup>2</sup>	Neg	6	62	2	0	0	0	0	0



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Notes



D	ISSUED FOR CONSTRUCTION		СН	FH	2025.04.28
С	ISSUED FOR BP		СН	FH	2025.02.05
В	ISSUED FOR TENDER		СН	FH	2025.01.27
A ISSUED FOR 100% & QS			СН	FH	2024.11.26
Issued/Revision			Ву	Appd	YYYY.MM.DD
File	Name: mech_UHN_Cardi_144320012_PH3	СН	FH	КН	2025.04.21
		Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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Permit/Seal

Client/Project Logo



Northern Health

UHN - Cardiac Diagnostic Services - Phase 3

1475 Edmonton St, Prince George, BC V2M 1S2

Title LEVEL 1 - MECHANICAL HVAC

ENVIRONMENTAL CONTROL

Project No. 144320012 Scale 1:150

Revision D

Drawing No.

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. CONTRACTOR TO PROVIDE A PRE-DEMOLITION AIR BALANCING FOR SUPPLY, EXHAUST AND RETUEN AIR SYSTEMS AND CONFIRM THE CURRECT PERFORMANCE OF THE EXISTING AIR HANDLING UNITS AND EXHAUST FAN SERVING THE SCOPE OF WORK AREA. CONTRACTOR TO PROVIDE THE PRE-DEMOLITION AIR BALANCING REPORT TO CONSULTANT FOR REVIEW.

3. THE EXISTING AIR HANDLING UNITS AND EXHAUST FANS LOCATED ON LEVEL 4 PENTHOUSE TO BE REBALANCED TO INCREASING THE TOTAL AIR FLOW (SUPPLY, RETURN AND EXHAUST AIR) BY SPEEDING UP THE FANS THROUGH THE UNIT VSD AND TO PROVIDE EXTRA AIR REQUIRED FOR NEW RENOVATED AREA ON MECHANICAL NEW HVAC PLAN. ALLOW FOR NEW SHEAVES AND PULLEY AS REQUIRED.

4. REBALANCE EXISTING REMAINED DIFFUSERS/ GRILLES TO AIRFLOW SHOWN. (TYPICAL).

5. CONTRCATOR TO ALLOW FOR RE&RE OF THE EXISTING SERVICES IN THE CEILING SPACE TO PROVIDE SUFFICIENT SPACE FOR THE NEW SERVICES.

# MECHANICAL KEYNOTES

Keynote Text Key Value REPLACE EXISTING FIRE DAMPER WITH NEW SMOKE/FIRE COMBI DAMPERS.(TYPICAL

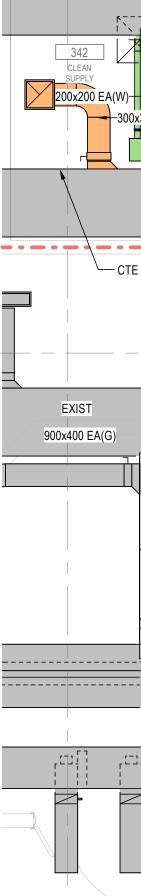


351 WAITING

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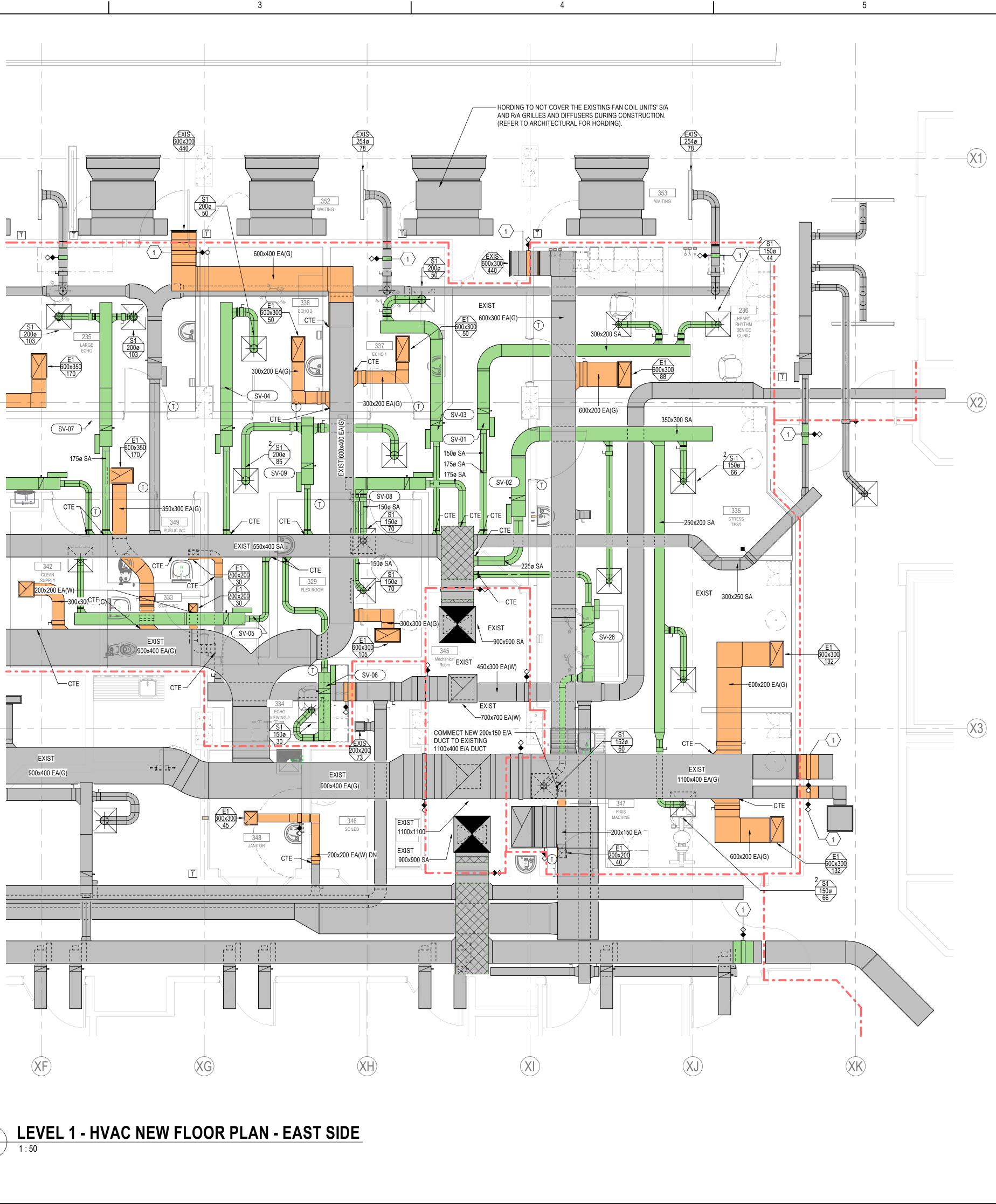
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ORIGINAL SHEET - ARCH D

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# Stantec

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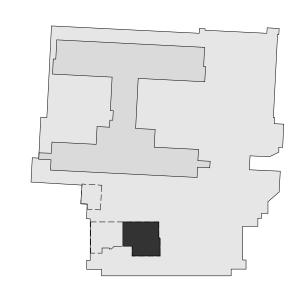
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Notes





	ISSUED FOR CONSTRUCTION		 CH	 	2025.04.28
C	ISSUED FOR BP		CH	FH	2025.02.05
В	ISSUED FOR TENDER		СН	FH	2025.01.27
А	ISSUED FOR 100% & QS		СН	FH	2024.11.26
lssu	Jed/Revision		Ву	Appd	YYYY.MM.DD
File	Name: mech_UHN_Cardi_144320012_PH3	СН	FH	KH	2025.04.21
		Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Permit/Seal





Client/Project Northern Health

UHN - Cardiac Diagnostic Services - Phase 3

1475 Edmonton St, Prince George, BC V2M 1S2

Title

LEVEL 1 - MECHANICAL HVAC NEW -EAST SIDE

Project No. 144320012

Scale As indicated

Revision D



S1 150ø 28

S1 150ø 45

S1 150ø 40

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M102 1 : 50

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# D

GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. CONTRACTOR TO PROVIDE A PRE-DEMOLITION AIR BALANCING FOR SUPPLY, EXHAUST AND RETUEN AIR SYSTEMS AND CONFIRM THE CURRECT PERFORMANCE OF THE EXISTING AIR HANDLING UNITS AND EXHAUST FANS SERVING THE SCOPE OF WORK AREA. CONTRACTOR TO PROVIDE THE PRE-DEMOLITION AIR BALANCING REPORT TO CONSULTANT FOR REVIEW.

3. THE EXISTING AIR HANDLING UNITS AND EXHAUST FANS LOCATED ON LEVEL 4 PENTHOUSE TO BE REBALANCED TO INCREASING THE TOTAL AIR FLOW (SUPPLY, RETURN AND EXHAUST AIR) BY SPEEDING UP THE FANS THROUGH THE UNIT VSD AND TO PROVIDE EXTRA AIR REQUIRED FOR NEW RENOVATED AREA AS SHOWN ON MECHANICAL NEW HVAC PLAN. ALLOW FOR NEW SHEAVES AND PULLEY AS REQUIRED.

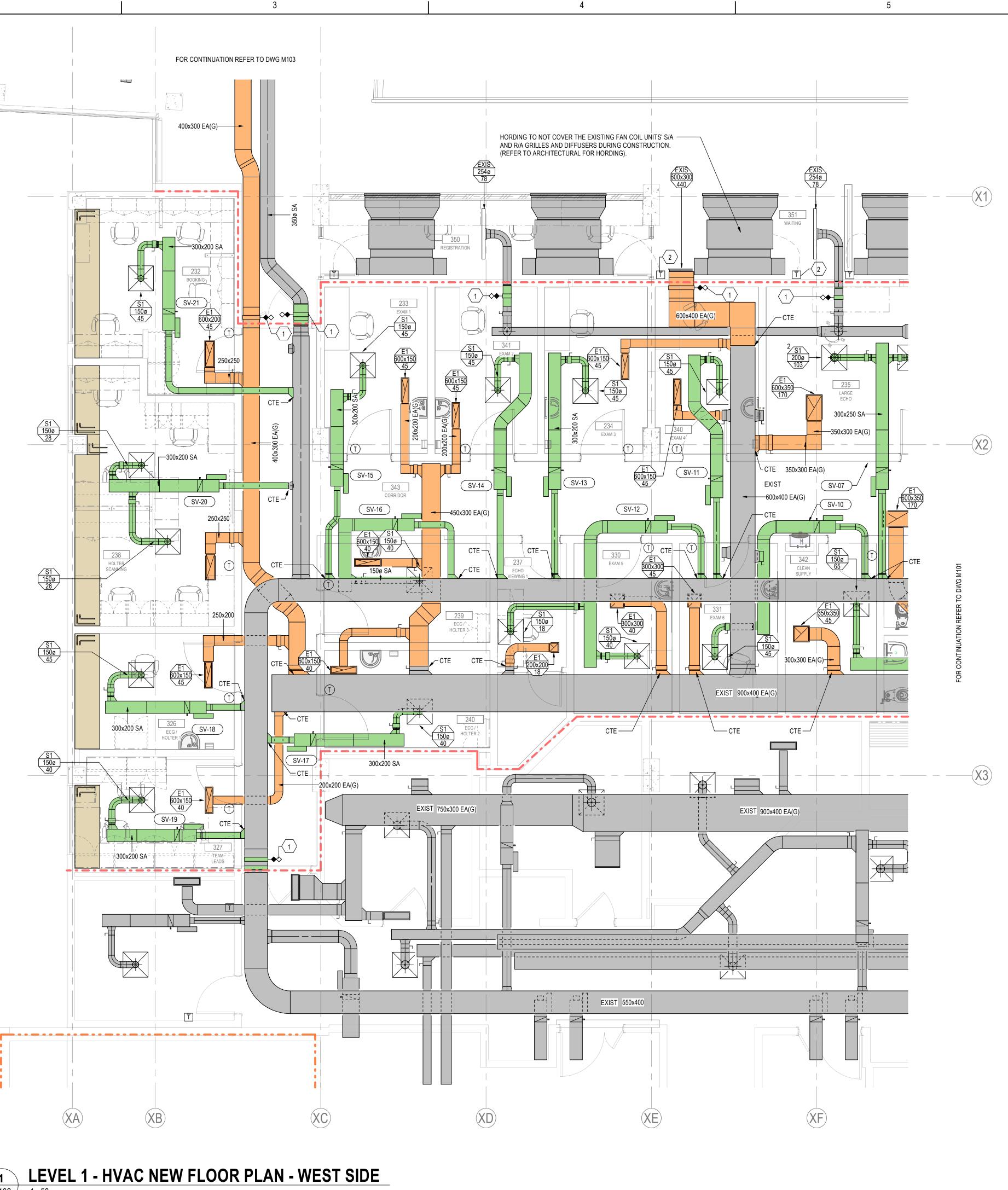
4. REBALANCE EXISTING REMAINED DIFFUSERS/ GRILLES TO AIRFLOW SHOWN. (TYPICAL).

5. CONTRCATOR TO ALLOW FOR RE&RE OF THE EXISTING SERVICES IN THE CEILING SPACE TO PROVIDE SUFFICIENT SPACE FOR THE NEW SERVICES.

MECHANICAL KEYNOTES						
Key Value	Keynote Text					
1	REPLACE EXISTING FIRE DAMPER WITH NEW SMOKE/FIRE COMBI DAMPERS.(TYPICAL).					
2	RELOCATE THERMOSTAT (TEMPERATURE SENSOR).					



ORIGINAL SHEET - ARCH D





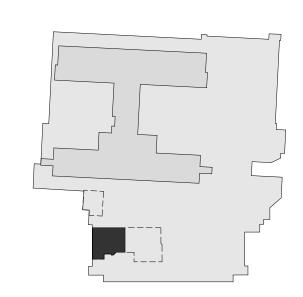
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Notes





	ISSUED FOR CONSTRUCTION		 	  FH	2025.04.28
C	ISSUED FOR CONSTRUCTION		CH CH	FH	2025.04.28
В	ISSUED FOR TENDER		СН	FH	2025.01.27
А	ISSUED FOR 100% & QS		СН	FH	2024.11.26
Issu	ued/Revision		Ву	Appd	YYYY.MM.DD
File	Name: mech_UHN_Cardi_144320012_PH3	CH Dwn.	FH Dsgn.	KH Chkd.	2025.04.21 YYYY.MM.DD

Permit/Seal





Client/Project Northern Health

UHN - Cardiac Diagnostic Services - Phase 3

1475 Edmonton St, Prince George, BC V2M 1S2

Title

LEVEL 1 - MECHANICAL HVAC NEW -WEST SIDE

Project No. 144320012

Scale As indicated

Revision D

Drawing No.



1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. CONTRACTOR TO PROVIDE A PRE-DEMOLITION AIR BALANCING FOR SUPPLY, EXHAUST AND RETUEN AIR SYSTEMS AND CONFIRM THE CURRECT PERFORMANCE OF THE EXISTING AIR HANDLING UNITS AND EXHAUST FANS SERVING THE SCOPE OF WORK AREA. CONTRACTOR TO PROVIDE THE PRE-DEMOLITION AIR BALANCING REPORT TO CONSULTANT FOR REVIEW.

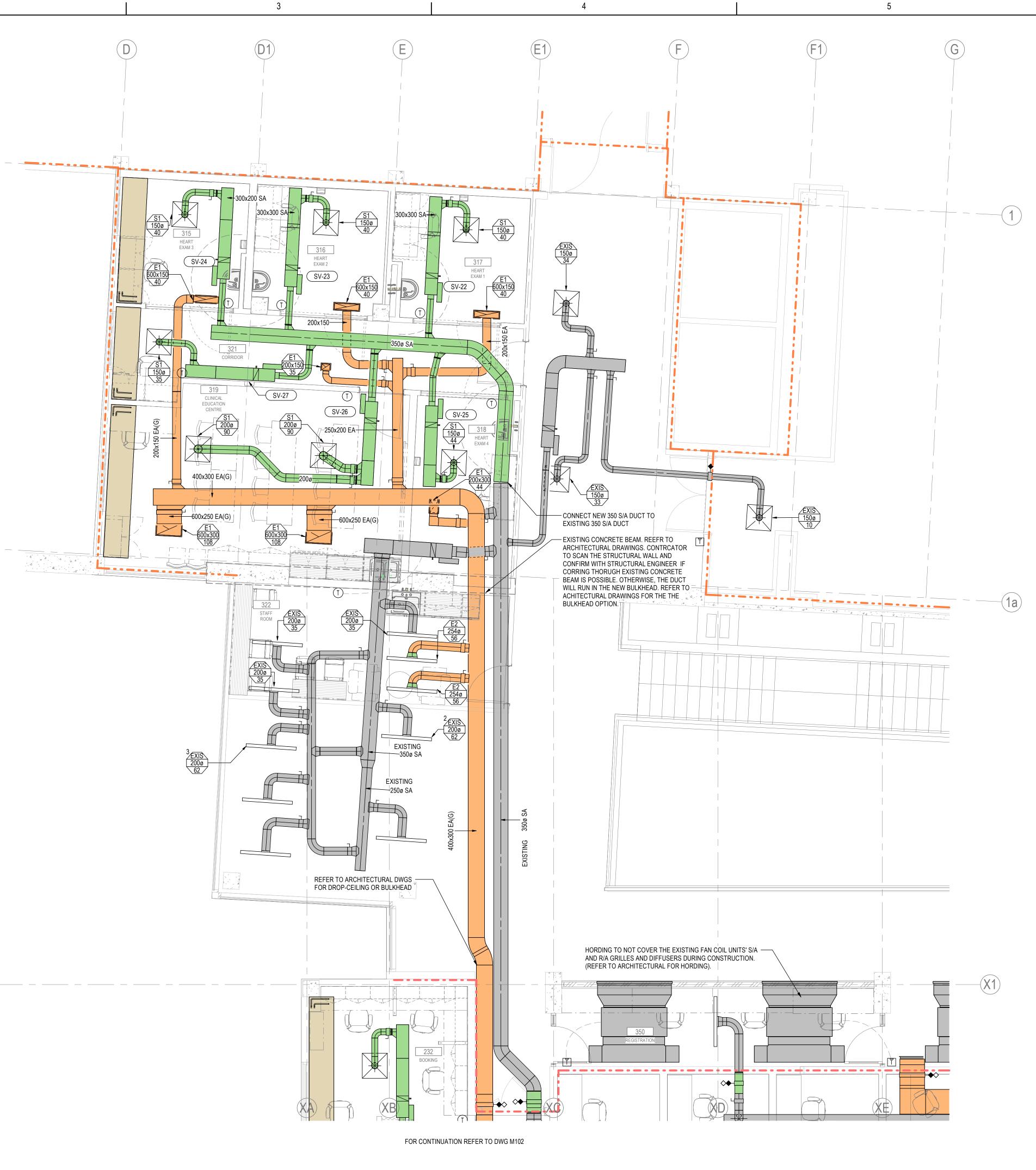
3. THE EXISTING AIR HANDLING UNITS AND EXHAUST FANS LOCATED ON LEVEL 4 PENTHOUSE TO BE REBALANCED TO INCREASING THE TOTAL AIR FLOW (SUPPLY, RETURN AND EXHAUST AIR) BY SPEEDING UP THE FANS THROUGH THE UNIT VSD AND TO PROVIDE EXTRA AIR REQUIRED FOR NEW RENOVATED AREA AS SHOWN ON MECHANICAL NEW HVAC PLAN. ALLOW FOR NEW SHEAVES AND PULLEY AS REQUIRED.

4. REBALANCE EXISTING REMAINED DIFFUSERS/ GRILLES TO AIRFLOW SHOWN. (TYPICAL).

5. CONTRCATOR TO ALLOW FOR RE&RE OF THE EXISTING SERVICES IN THE CEILING SPACE TO PROVIDE SUFFICIENT SPACE FOR THE NEW SERVICES.



ORIGINAL SHEET - ARCH D



LEVEL 1 - HVAC NEW FLOOR PLAN - NORTH SIDE



Stantec Consulting Ltd. 400-1620 Dickson Avenue Kelowna, BC V1Y 9Y2 Tel: (250) 860-3225 • www.stantec.com

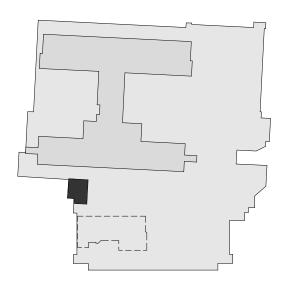
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Notes





D	ISSUED FOR CONSTRUCTION		СН	FH	2025.04.28
С	ISSUED FOR BP		СН	FH	2025.02.05
В	B ISSUED FOR TENDER			FH	2025.01.27
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File Name: mech_UHN_Cardi_144320012_PH3		СН	FH	КН	2025.04.21
		Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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Permit/Seal





Northern Health

UHN - Cardiac Diagnostic Services - Phase 3

1475 Edmonton St, Prince George, BC V2M 1S2

Title

LEVEL 1 - MECHANICAL HVAC NEW -NORTH SIDE

Project No. 144320012

Scale As indicated

Revision D



1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. ALL HWS/HWR PIPE SIZES ARE 20 mm UNLESS OTHERWISE NOTED.

1

3. NEW THERMOSTATS AND TEMPERATURE SENSORS TO MATCH WITH THE EXISTING THERMOSTATS (TEMPERATURE SENSORS) AND TO BE CONNECTED TO DDC SYSTEM (BMS).

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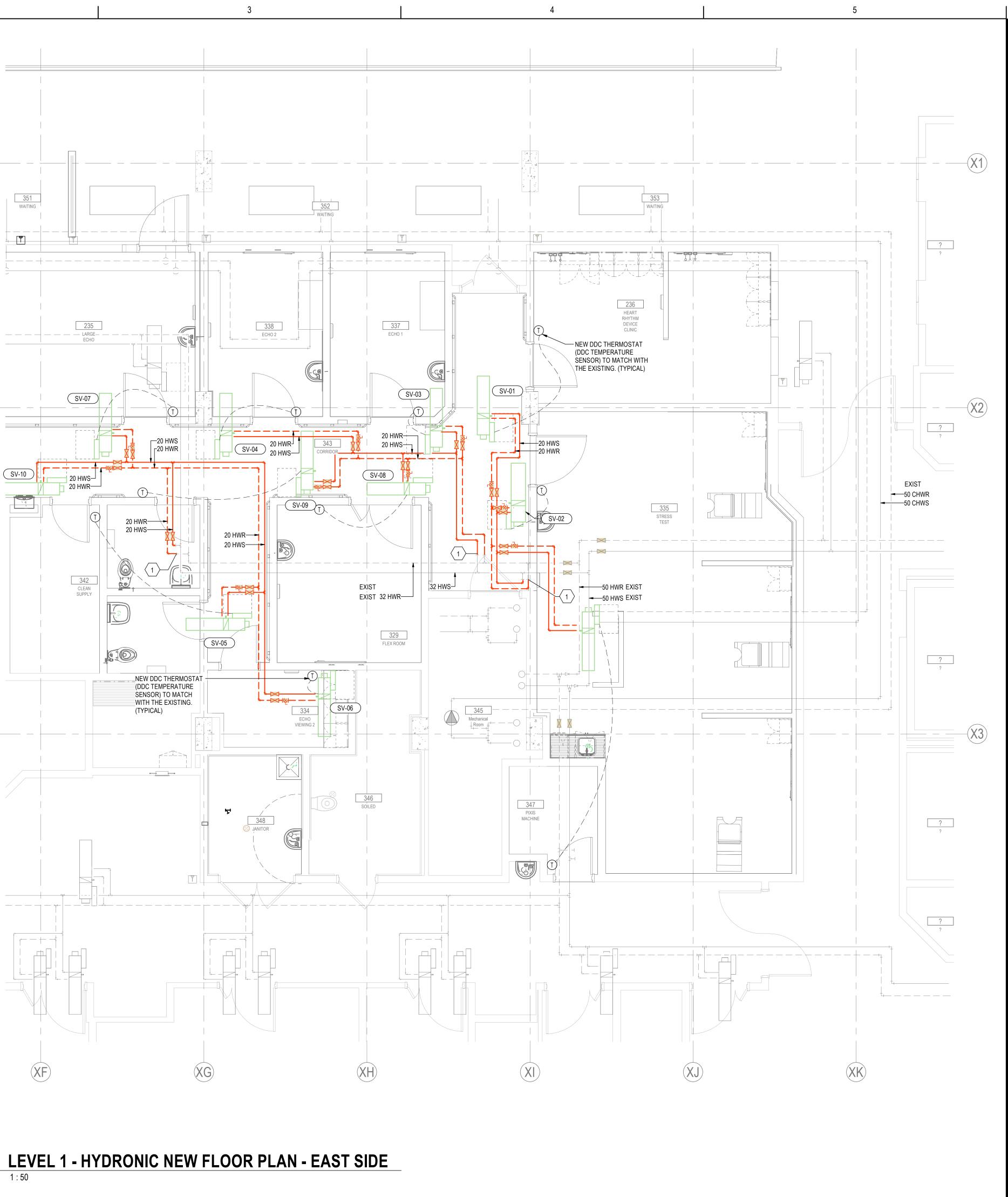
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**1 LEV** M104 1 : 50

	MECHANICAL KEYNOTES					
Key Value	Keynote Text					
1	CONNECT NEW 20 HWS/HWR PIPES TO THE EXISTING 20 HWS/HWR PIPES.					



ORIGINAL SHEET - ARCH D





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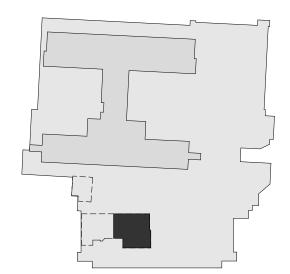
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В	ISSUED FOR TENDER		СН	FH	2025.01.27
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		Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Permit/Seal





Client/Project Northern Health

UHN - Cardiac Diagnostic Services - Phase 3

1475 Edmonton St, Prince George, BC V2M 1S2

Title

LEVEL 1 - MECHANICAL HYDRONIC NEW - EAST SIDE

Project No. 144320012

Scale As indicated

Revision D



GENERAL NOTES:

D

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

1

2. ALL HWS/HWR PIPE SIZES ARE 20 mm UNLESS OTHERWISE NOTED.

3. NEW THERMOSTATS AND TEMPERATURE SENSORS TO MATCH WITH THE EXISTING THERMOSTATS (TEMPERATURE SENSORS) AND TO BE CONNECTED TO DDC SYSTEM (BMS).

MECHANICAL KEYNOTES						
Key Value	Keynote Text					
1	NEW 25 HWS/HWR PIPES TO LEVEL BELOW (LEVEL 0) AND TO BE CONNECTED TO THE EXISTING 25 HWS/HWR PIPES.					
2	CONNECT NEW 20 HWS/HWR PIPES TO THE EXISTING 20 HWS/HWR PIPES.					
3	CONNECT NEW 25 HWS/HWR PIPES TO THE EXISTING 25 HWS/HWR PIPES.					



RCP-1 4100 1700

0.04 L/S

RCP-1 3600 1600 0.03 L/S

RCP-1 1650 500



RCP-1 2000 800 0.03 L/S

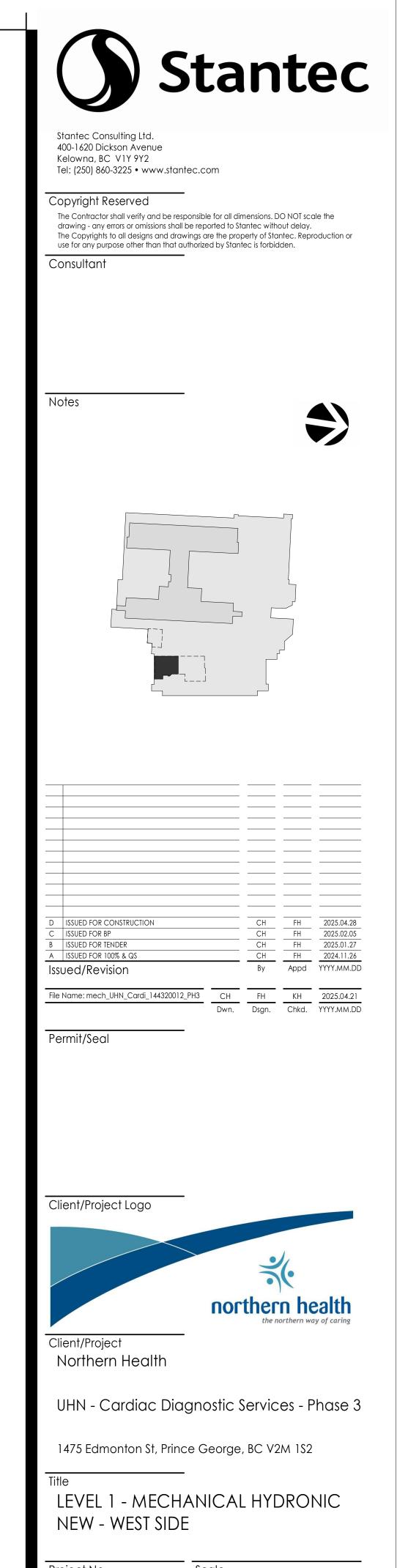






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LEVEL 1 - HYDRONIC NEW FLOOR PLAN - WEST SIDE



Project No. 144320012 Revision

Scale As indicated Drawing No.

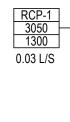
D

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. ALL HWS/HWR PIPE SIZES ARE 20 mm UNLESS OTHERWISE NOTED.

1

3. NEW THERMOSTATS AND TEMPERATURE SENSORS TO MATCH WITH THE EXISTING THERMOSTATS (TEMPERATURE SENSORS) AND TO BE CONNECTED TO DDC SYSTEM (BMS).



2



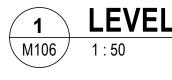
MECHANICAL KEYNOTES					
Key Value	Keynote Text				
1	CONNECT NEW 32 HWS/HWR PIPES TO THE EXISTING 32 HWS/HWR PIPES.				
2	CONNECT NEW 20 HWS/HWR PIPES TO THE EXISTING 20 HWS/HWR PIPES.				

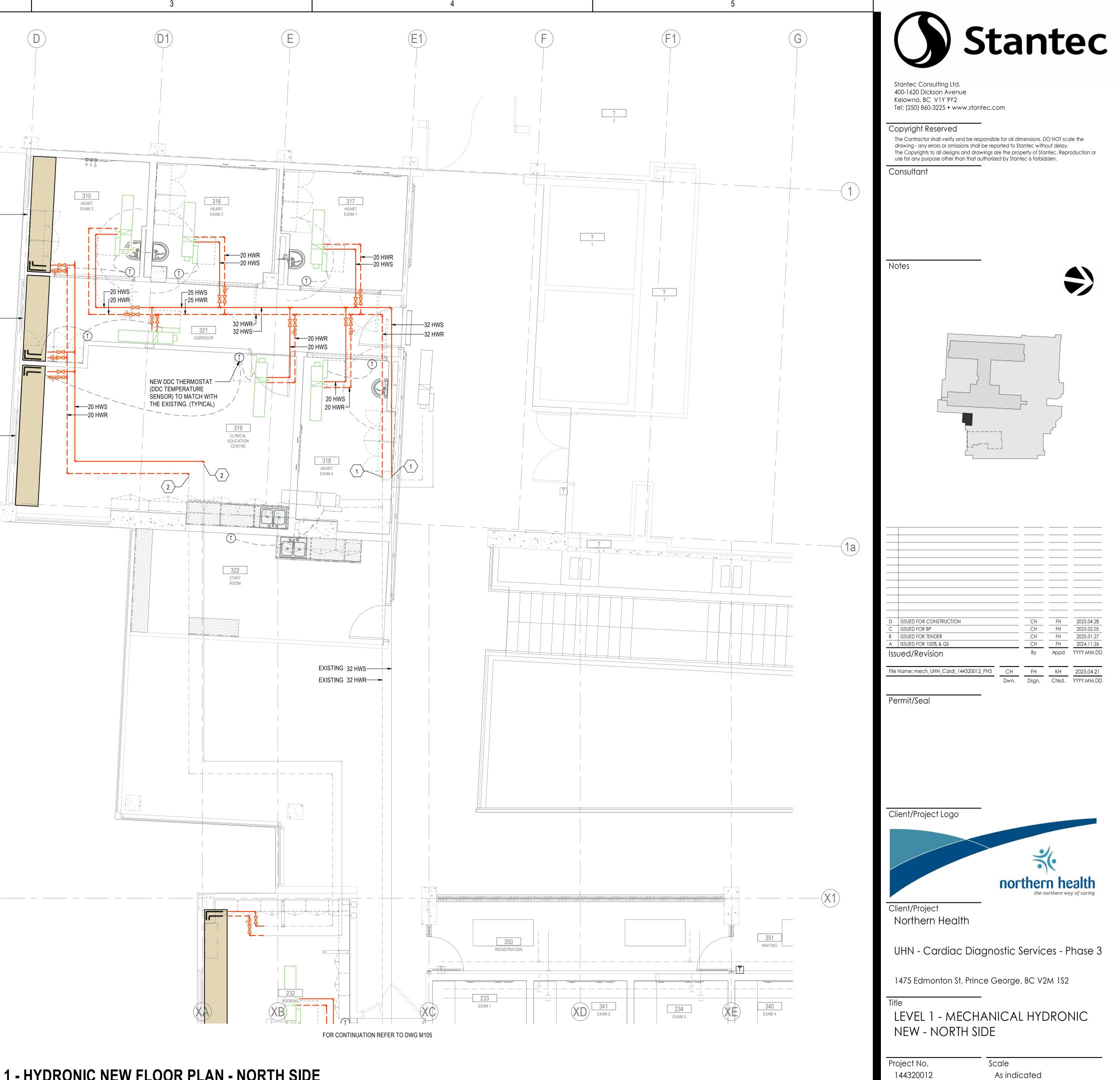






ORIGINAL SHEET - ARCH D





LEVEL 1 - HYDRONIC NEW FLOOR PLAN - NORTH SIDE

Revision D

As indicated Drawing No.



1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

3. REMOVE AND REINSTALL (RE & RE) EXISTING MECHANICAL, PLUMBING, MED GAS AND FIRE PROTECTION SERVICES IN THE CEILING OR WALL IN ORDER TO ACCESS AND INSTALL NEW MECHANICAL SERVICES. 4. COORDINATE SHUT-DOWNS FOR MEDICAL GAS AND PLUMBING SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS

REQUIRED. 5. PROVIDE SHUT-OFF VALVES JUST DOWN-STREAM OF THE CTE (CONNECT TO EXISTING) THEREBY REDUCING SHUTDOWN TIME FOR OTHER

DEPARTMENTS. (TYPICAL FOR ALL PLUMBING AND MEDICAL GAS SERVICES).

6. HAND HYGIENE SINK HHS-1 AND LAVATORY LAV-1 AND SINKS CLEANOUT SHALL BE INSTALLED AT MINIMUM 150 mm ABOVE FLOOD RIM LEVEL OF SINK.

7. NIGHT-TIME AND WEEKEND WORK ARE REQUIRED FOR ALL SHUTDOWNS AND CONNECTIONS INTO EXISTING, AND FOR THE COORDINATION (IE. PLANNING) OF SUCH WORK. ALLOW FOR MULTIPLE SHUT-DOWNS AND RE-CHARGES, TO ACCOMMODATE THE WORK. (CONTRACTOR TO CONFIRM THE DATES AND HOURS WITH THE OWNER).



PROVIDE A SAN DRAIN LINE WITH -P-TRAP AND VENT PIPE FOR THE WATER FILLER.

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PROVIDE A STRAINER ON 15 DCW -LINE SERVING THE WATER FILLER.

CONNECT NEW 15 DCW PIPE C/W -WATER FILTER (WATTS, MODEL: PWICE1) AND BACK FLOW PREVENTER DEVICE (RPBP) LOCATED IN JANITOR ROOM TO SERVE THE ICE MACHINE REFER TO ARCHITECTURAL DWGS FOR ICE MACHINE. PROVIDE A SAN DRAIN LINE WITH P-TRAP AND VENT PIPE FOR THE ICE MACHINE.

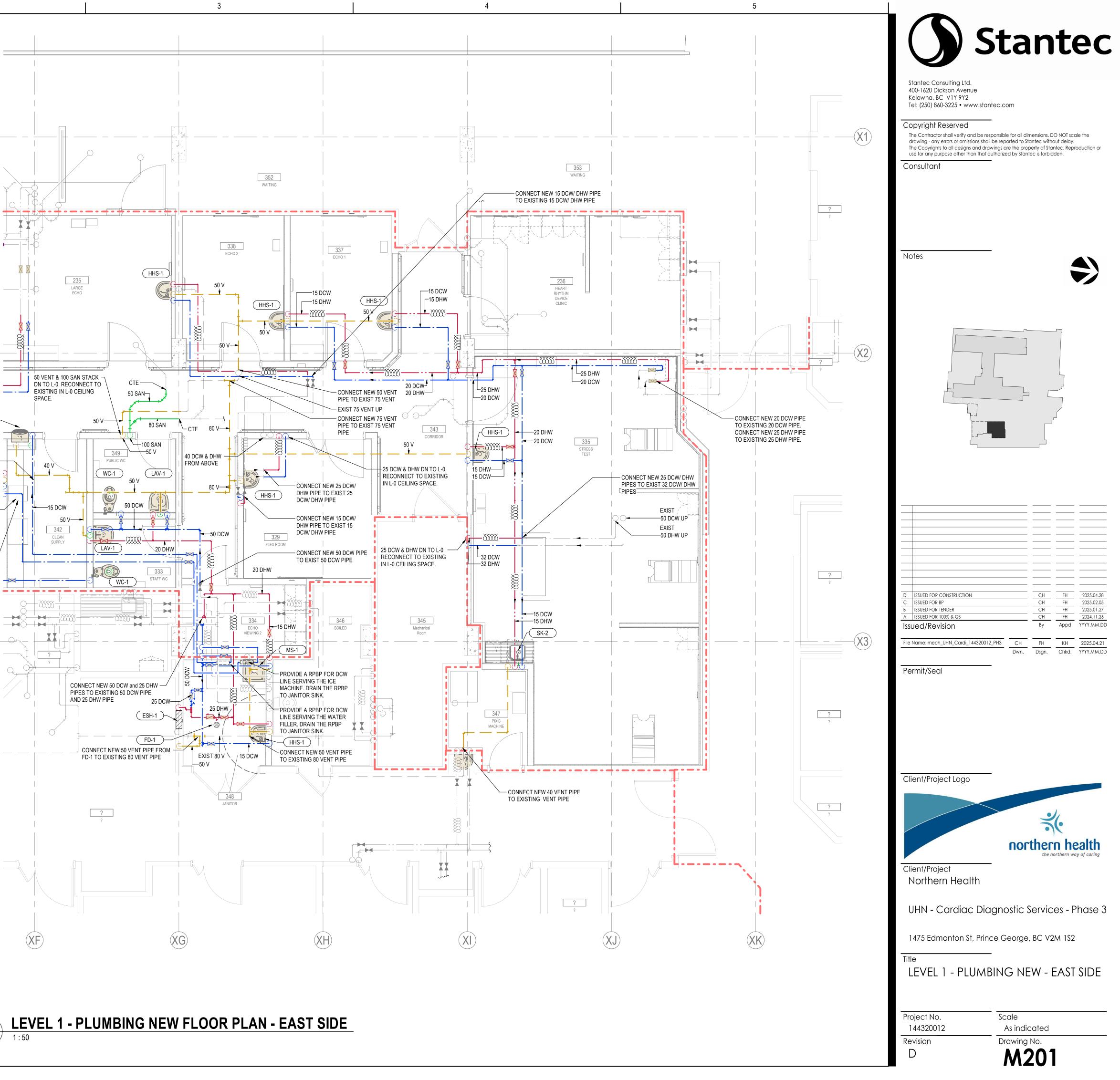
TABLE 0	TABLE 0. REVIT - NOMINAL PIPE SIZE							
NPS	METRIC EQ.	REVIT TAG						
1/2"	12mm	15mm						
3/4"	20mm	20mm						
1"	25mm	25mm						
1-1/4"	32mm	32mm						
1-1/2"	40mm	40mm						
2"	50mm	50mm						
2-1/2"	65mm	65mm						
3"	75mm	80mm						
4"	100mm	100mm						

Plumbing Fixture Connection Schedule					
Туре	Description	CW	HW	Waste	Vent
WC-1	Water Closet	40 mm		100 mm	50 mm
LAV-1	Lavatory	12 mm	12 mm	50 mm	40 mm
MS-1	Mop Sink	12 mm	12 mm	50 mm	40 mm
HHS-1	Hand Hygiene Sink	12 mm	12 mm	50 mm	40 mm
SK-1	Sink	12 mm	12 mm	50 mm	40 mm
SK-2	Sink	12 mm	12 mm	50 mm	40 mm
FD-1	Floor Drain			100 mm	50 mm
ESH-1	Emergency Shower and Eye Wash (Combined)	25 mm	25 mm	100 mm	50 mm

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1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

3. REMOVE AND REINSTALL (RE & RE) EXISTING MECHANICAL, PLUMBING, MED GAS AND FIRE PROTECTION SERVICES IN THE CEILING OR WALL IN ORDER TO ACCESS AND INSTALL NEW MECHANICAL SERVICES.

4. COORDINATE SHUT-DOWNS FOR MEDICAL GAS AND PLUMBING SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.

5. PROVIDE SHUT-OFF VALVES JUST DOWN-STREAM OF THE CTE (CONNECT TO EXISTING) THEREBY REDUCING SHUTDOWN TIME FOR OTHER DEPARTMENTS. (TYPICAL FOR ALL PLUMBING AND MEDICAL GAS SERVICES).

6. HAND HYGIENE SINK HHS-1 AND LAVATORY LAV-1 AND SINKS CLEANOUT SHALL BE INSTALLED AT MINIMUM 150 mm ABOVE FLOOD RIM LEVEL OF SINK.

7. NIGHT-TIME AND WEEKEND WORK ARE REQUIRED FOR ALL SHUTDOWNS AND CONNECTIONS INTO EXISTING, AND FOR THE COORDINATION (IE. PLANNING) OF SUCH WORK. ALLOW FOR MULTIPLE SHUT-DOWNS AND RE-CHARGES, TO ACCOMMODATE THE WORK. (CONTRACTOR TO CONFIRM THE DATES AND HOURS WITH THE OWNER).

П

MECHANICAL KEYNOTES				
Key Value	Keynote Text			
1	EXISTING 25 NPC AND NPH PIPES FROM ABOVE.			
2	ISTING 65 DCW AND 40 DHW PIPES FROM ABOVE.			

CONNECT NEW 50 VENT PIPE TO EXISTING 50 VENT PIPE

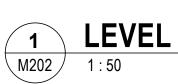
# CONNECT NEW 40 VENT PIPE TO EXISTING 50 VENT PIPE

RELCATED 75 SAN DN TO L-0. RECONNECT TO EXISTING IN L-0.	
RELCATED 100 SAN DN TO L-0. RECONNECT	
TO FXISTING IN I -0.	

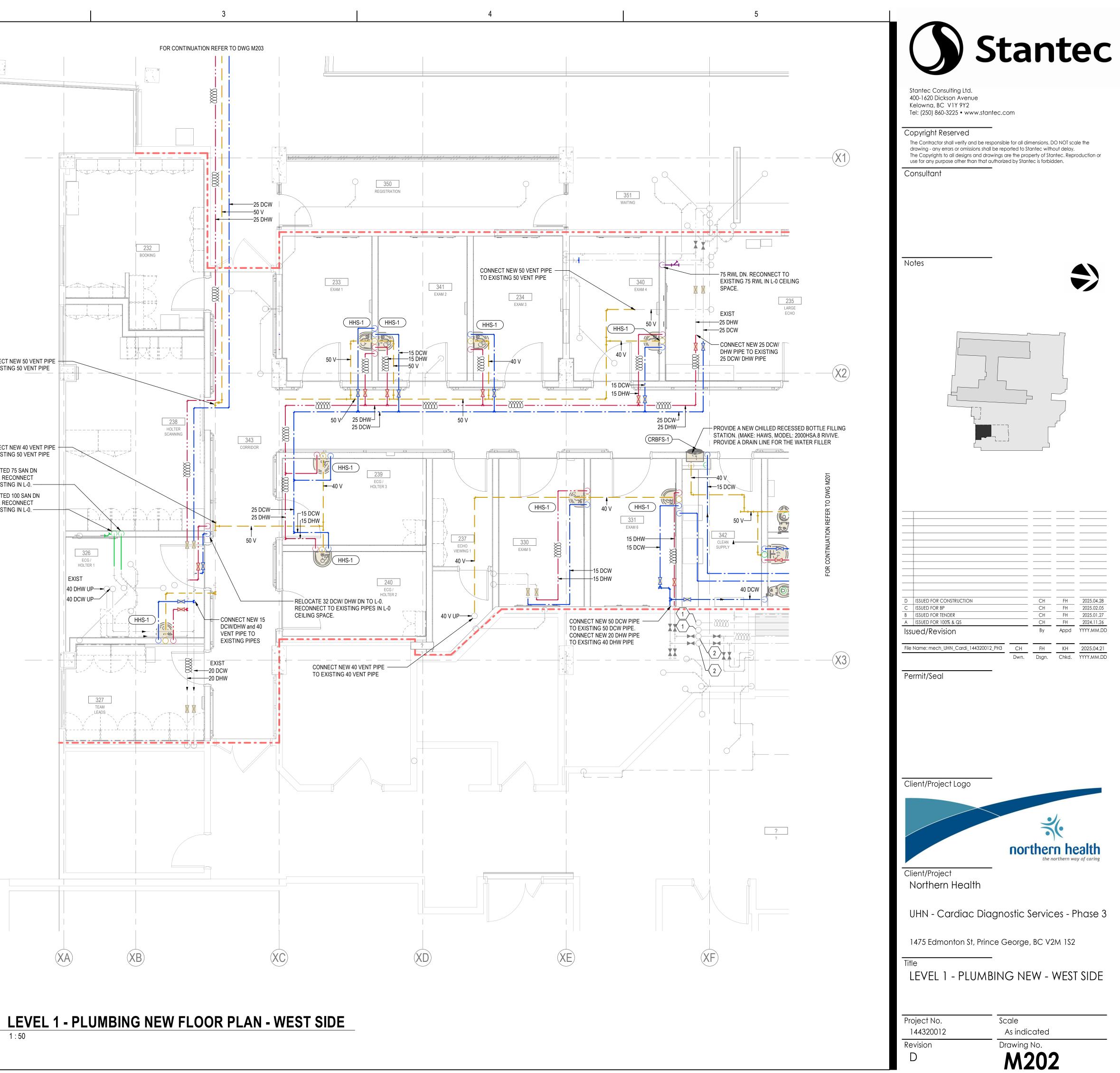
TABLE 0.	TABLE 0. REVIT - NOMINAL PIPE SIZE				
NPS	METRIC EQ.	<b>REVIT TAG</b>			
1/2"	12mm	15mm			
3/4"	20mm	20mm			
1"	25mm	25mm			
1-1/4"	32mm	32mm			
1-1/2"	40mm	40mm			
2"	50mm	50mm			
2-1/2"	65mm	65mm			
3"	75mm	80mm			
4"	100mm	100mm			

Plumbing Fixture Connection Schedule						
Туре	Description	CW	HW	Waste	Vent	
WC-1	Water Closet	40 mm		100 mm	50 mm	
LAV-1	Lavatory	12 mm	12 mm	50 mm	40 mm	
MS-1	Mop Sink	12 mm	12 mm	50 mm	40 mm	
HHS-1	Hand Hygiene Sink	12 mm	12 mm	50 mm	40 mm	
SK-1	Sink	12 mm	12 mm	50 mm	40 mm	
SK-2	Sink	12 mm	12 mm	50 mm	40 mm	
FD-1	Floor Drain			100 mm	50 mm	
ESH-1	Emergency Shower and Eye Wash (Combined)	25 mm	25 mm	100 mm	50 mm	









D

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

3. REMOVE AND REINSTALL (RE & RE) EXISTING MECHANICAL, PLUMBING, MED GAS AND FIRE PROTECTION SERVICES IN THE CEILING OR WALL IN ORDER TO ACCESS AND INSTALL NEW MECHANICAL SERVICES.

4. COORDINATE SHUT-DOWNS FOR MEDICAL GAS AND PLUMBING SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.

5. PROVIDE SHUT-OFF VALVES JUST DOWN-STREAM OF THE CTE (CONNECT TO EXISTING) THEREBY REDUCING SHUTDOWN TIME FOR OTHER DEPARTMENTS. (TYPICAL FOR ALL PLUMBING AND MEDICAL GAS SERVICES).

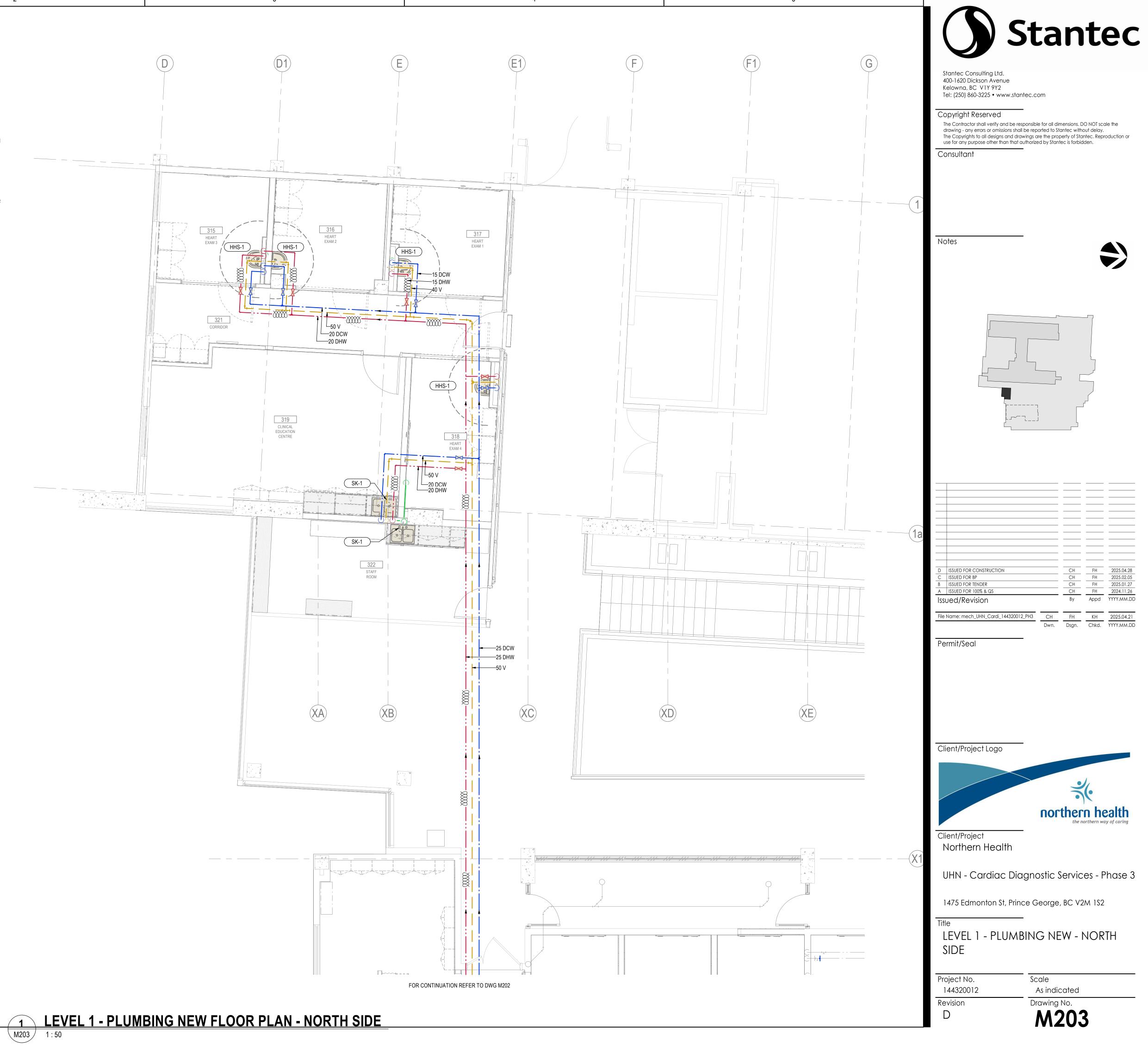
6. HAND HYGIENE SINK HHS-1 AND LAVATORY LAV-1 AND SINKS CLEANOUT SHALL BE INSTALLED AT MINIMUM 150 mm ABOVE FLOOD RIM LEVEL OF SINK.

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NPS	METRIC EQ.	<b>REVIT TAG</b>			
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1-1/2"	40mm	40mm			
2"	50mm	50mm			
2-1/2"	65mm	65mm			
3"	75mm	80mm			
4"	100mm	100mm			

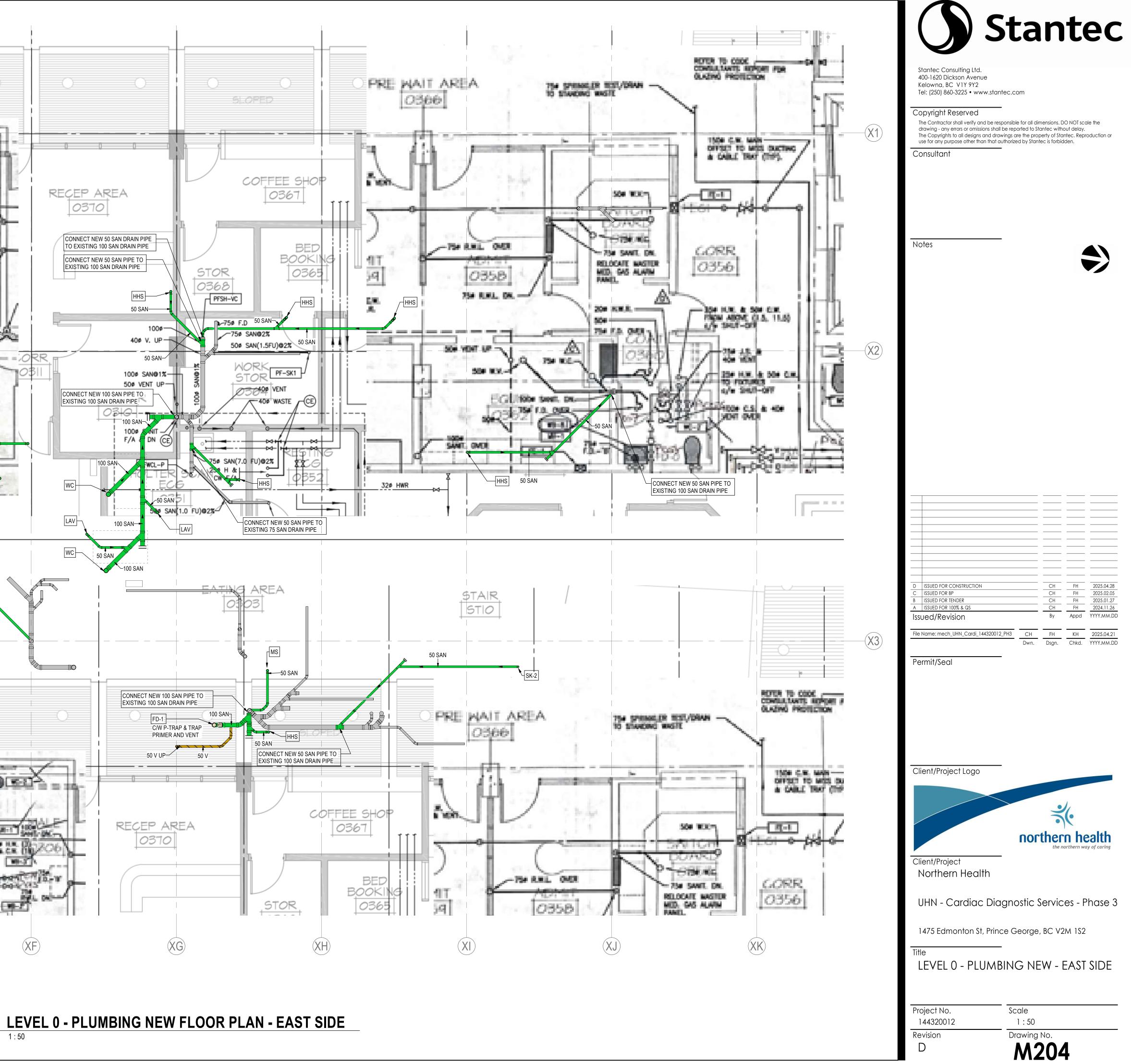
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Туре	Description	CW	HW	Waste	Vent
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SK-1	Sink	12 mm	12 mm	50 mm	40 mm
SK-2	Sink	12 mm	12 mm	50 mm	40 mm
FD-1	Floor Drain			100 mm	50 mm
ESH-1	Emergency Shower and Eye Wash (Combined)	25 mm	25 mm	100 mm	50 mm

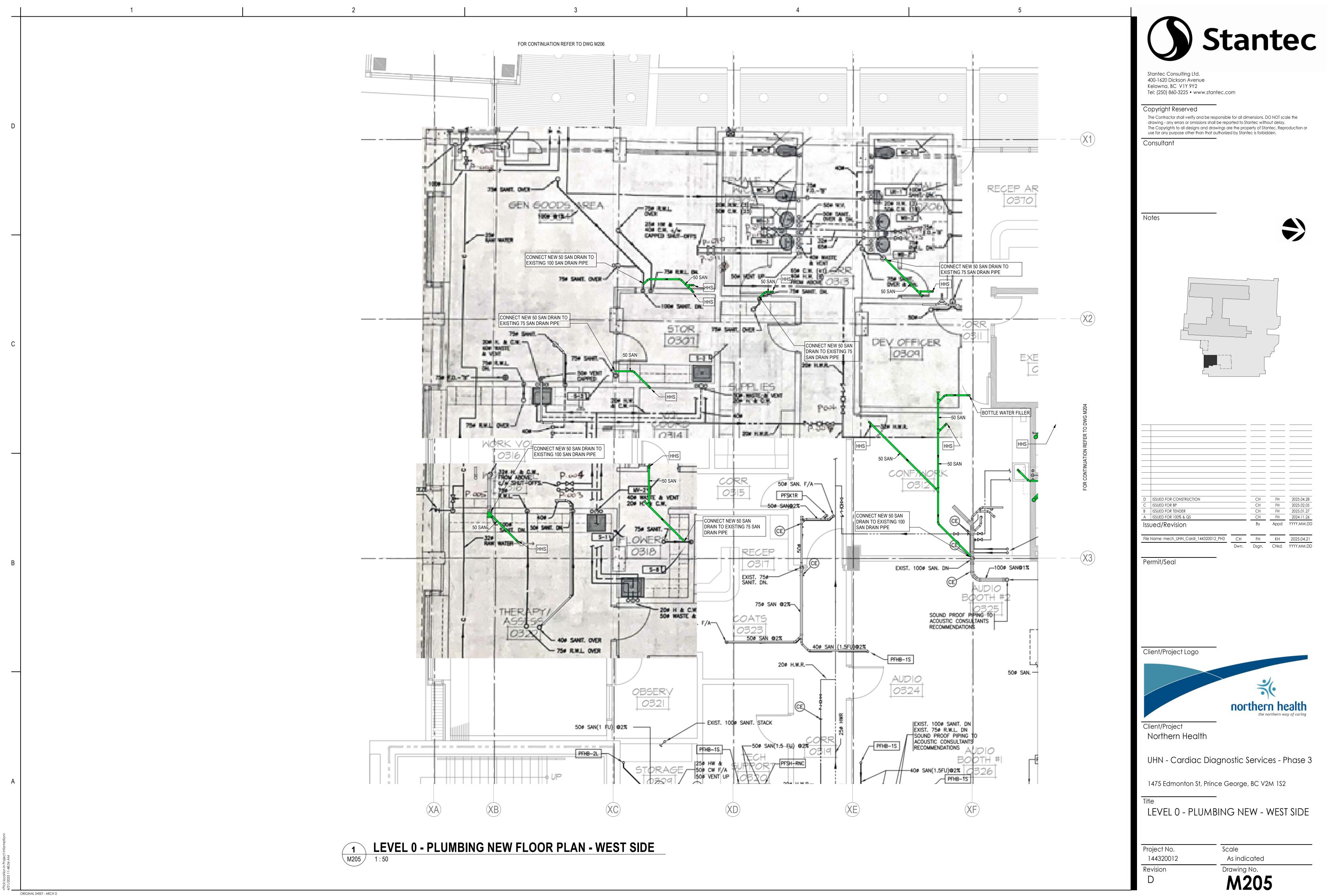
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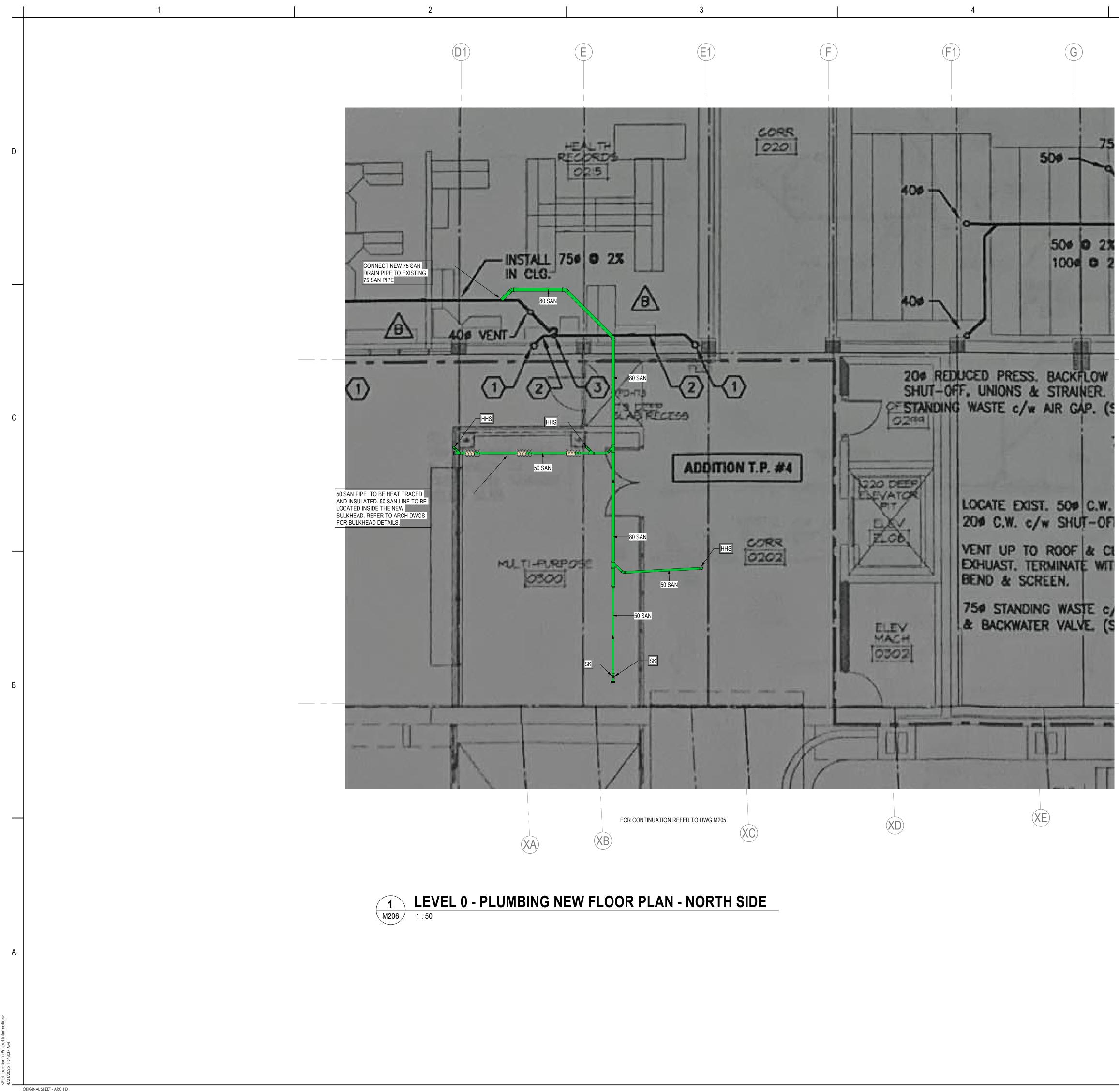


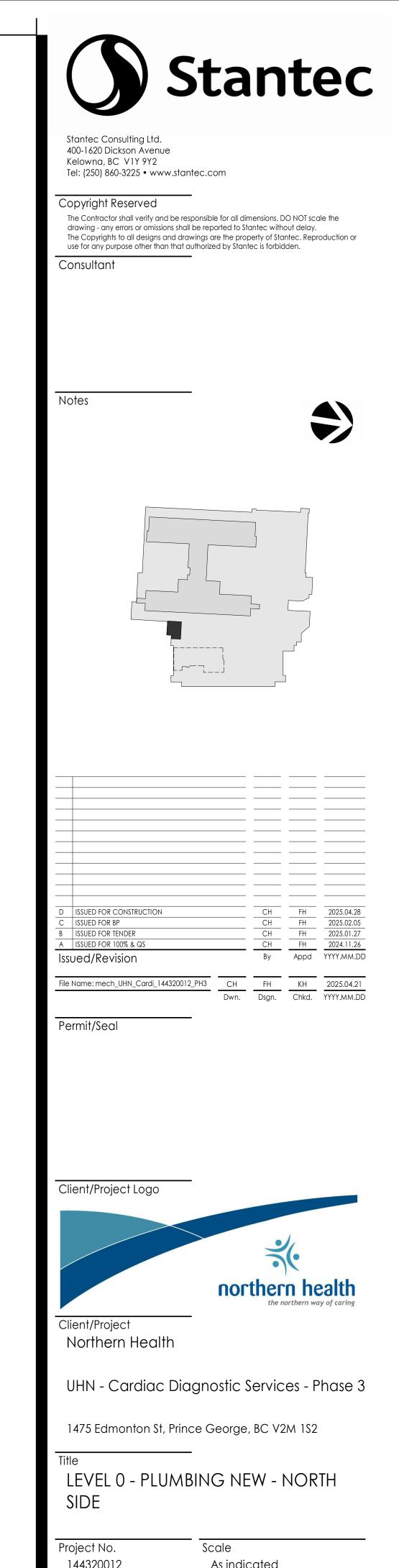
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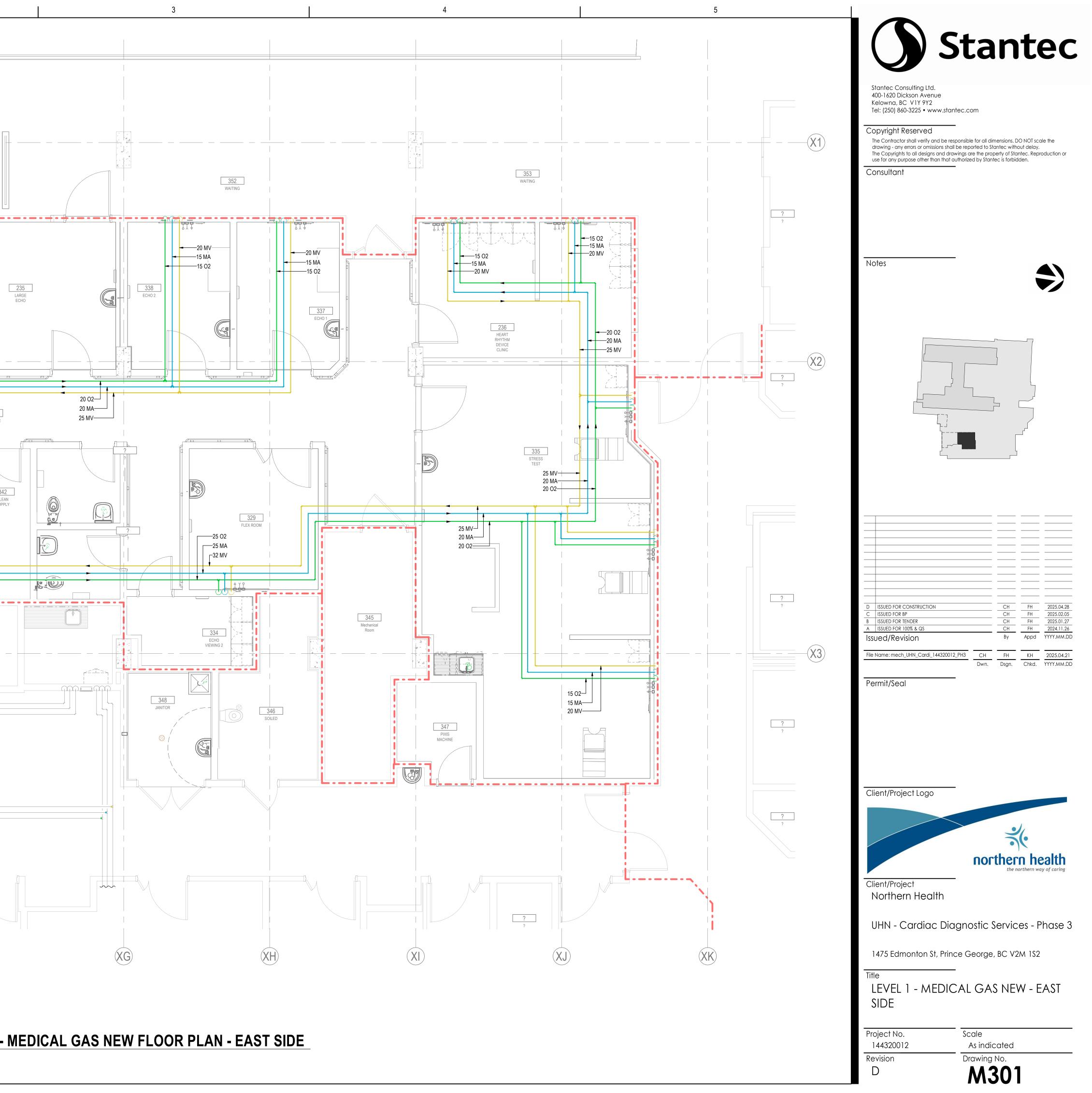
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As indicated Drawing No.

Revision D

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D						
		<u>GENERAL NOTES:</u> 1. REFER TO ARCHITECTURAL DRAW	INGS FOR EXISTING AND NEW FIRE	SEPARATIONS.		351 WAITING
С						343 CORRIDOR
					FOR CONTINUATION REFER TO DWG M302	CLEAN SUPPL
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PROJECT NORTH

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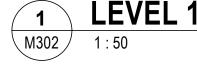
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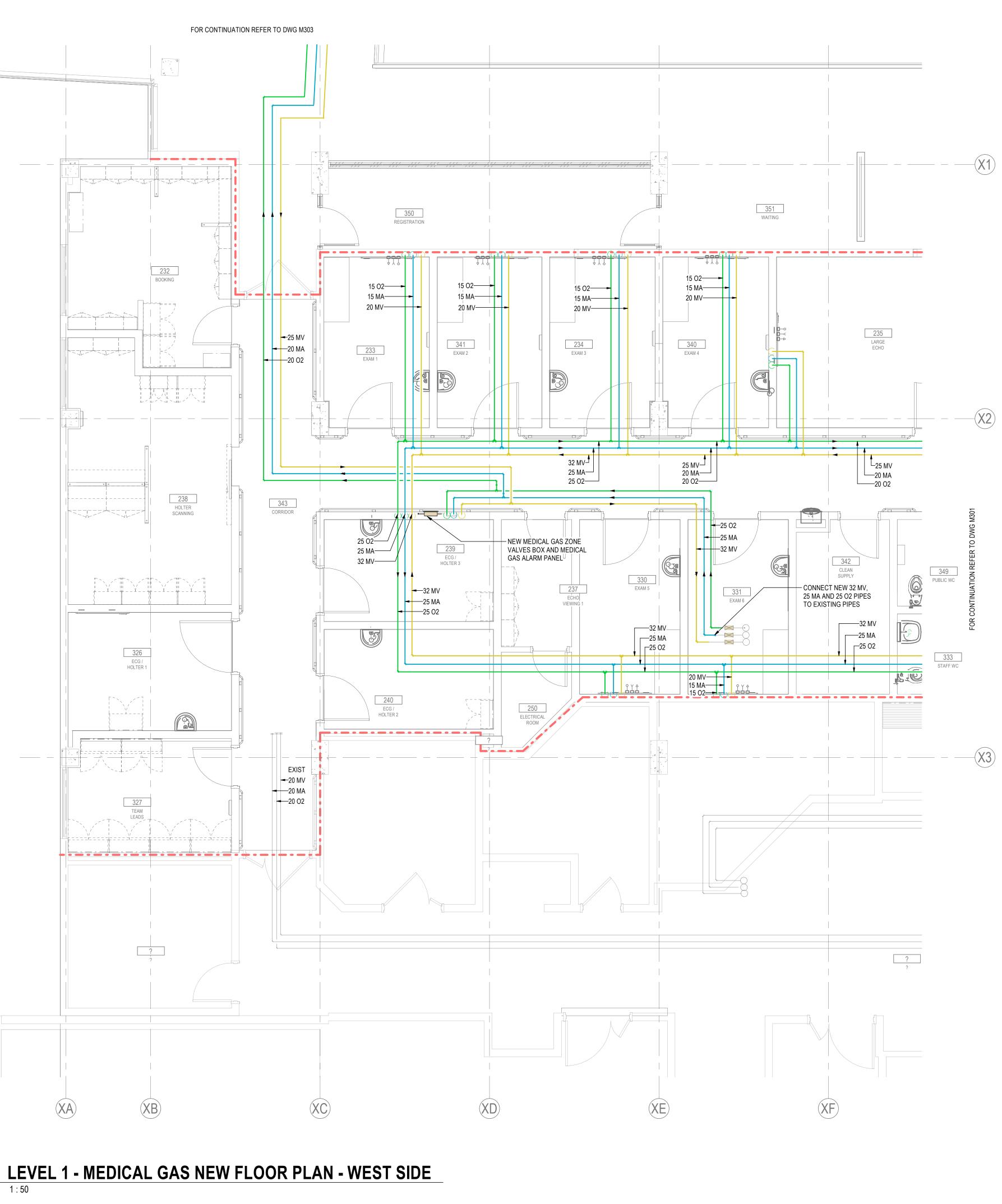
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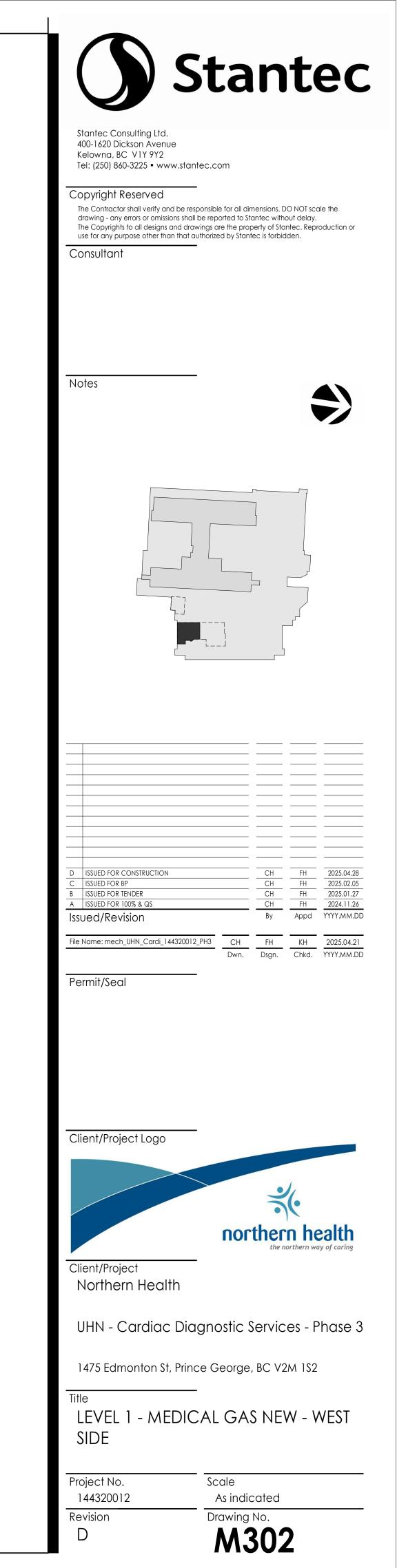
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PROJECT NORTH

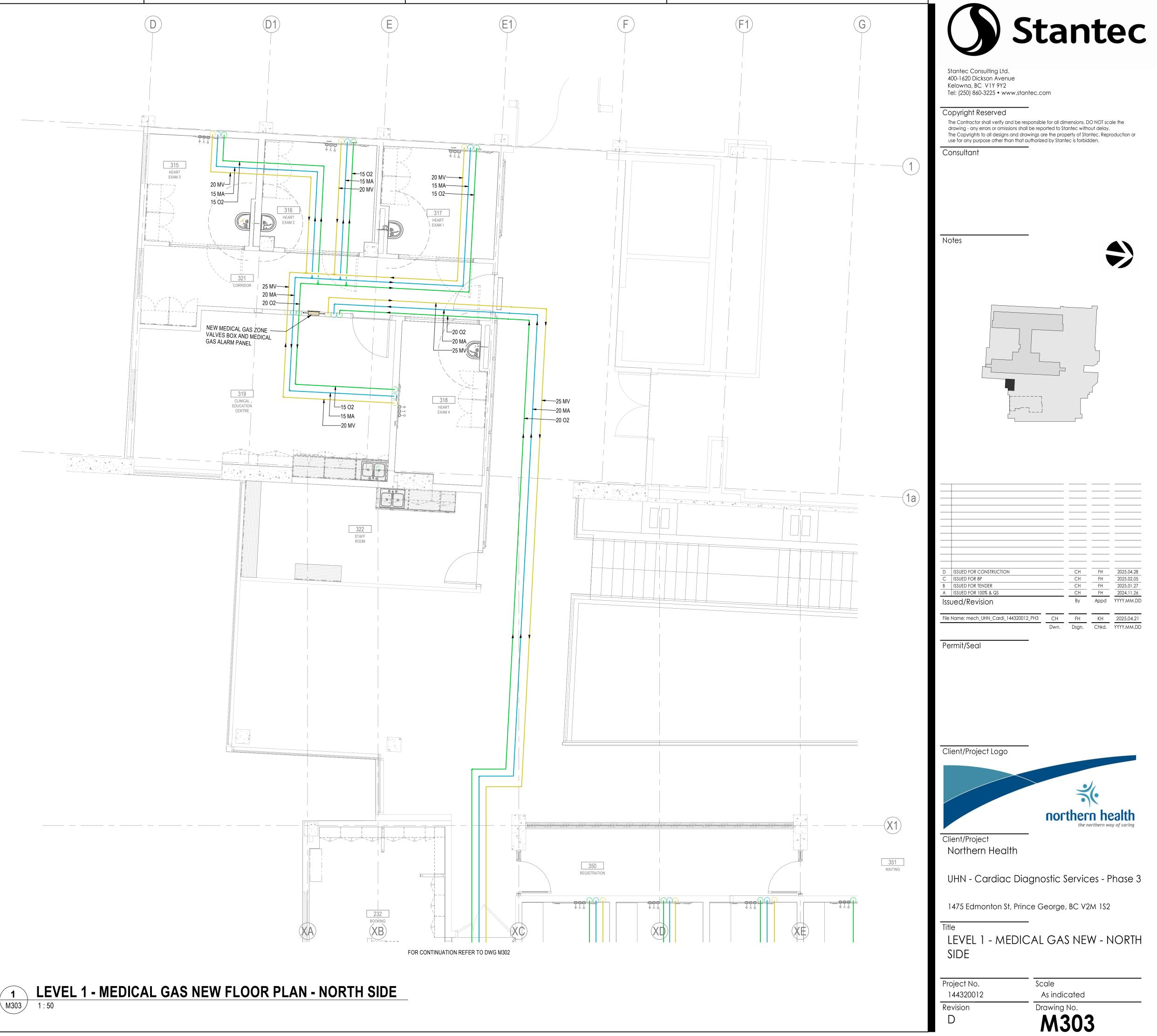
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

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1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

3. RE & RE EXISTING MECHANICAL, PLUMBING, MED GAS AND FIRE PROTECTION SERVICES IN THE CEILING OR WALL IN ORDER TO ACCESS AND INSTALL NEW MECHANICAL SERVICES.

4. COORDINATE SHUT-DOWNS FOR FIRE PROTECTION SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.

5. CONTRACTOR TO PROVIDE STAMPED ENGINEERING SHOP DRAWINGS BY A FIRE SUPPRESSION REGISTERED PROFESSIONAL ENGINEER.

351 WAITING

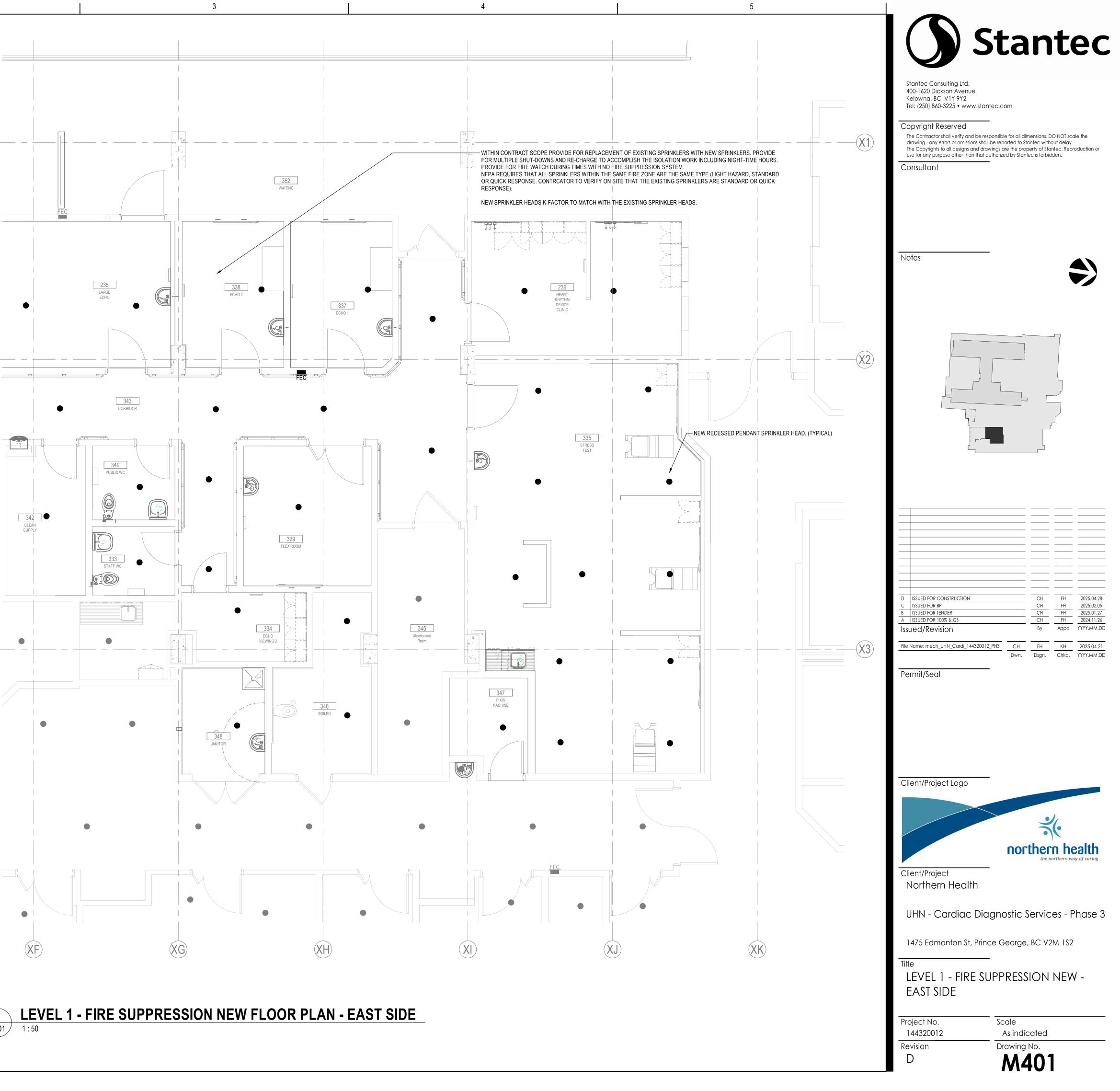
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ORIGINAL SHEET - ARCH D

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GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

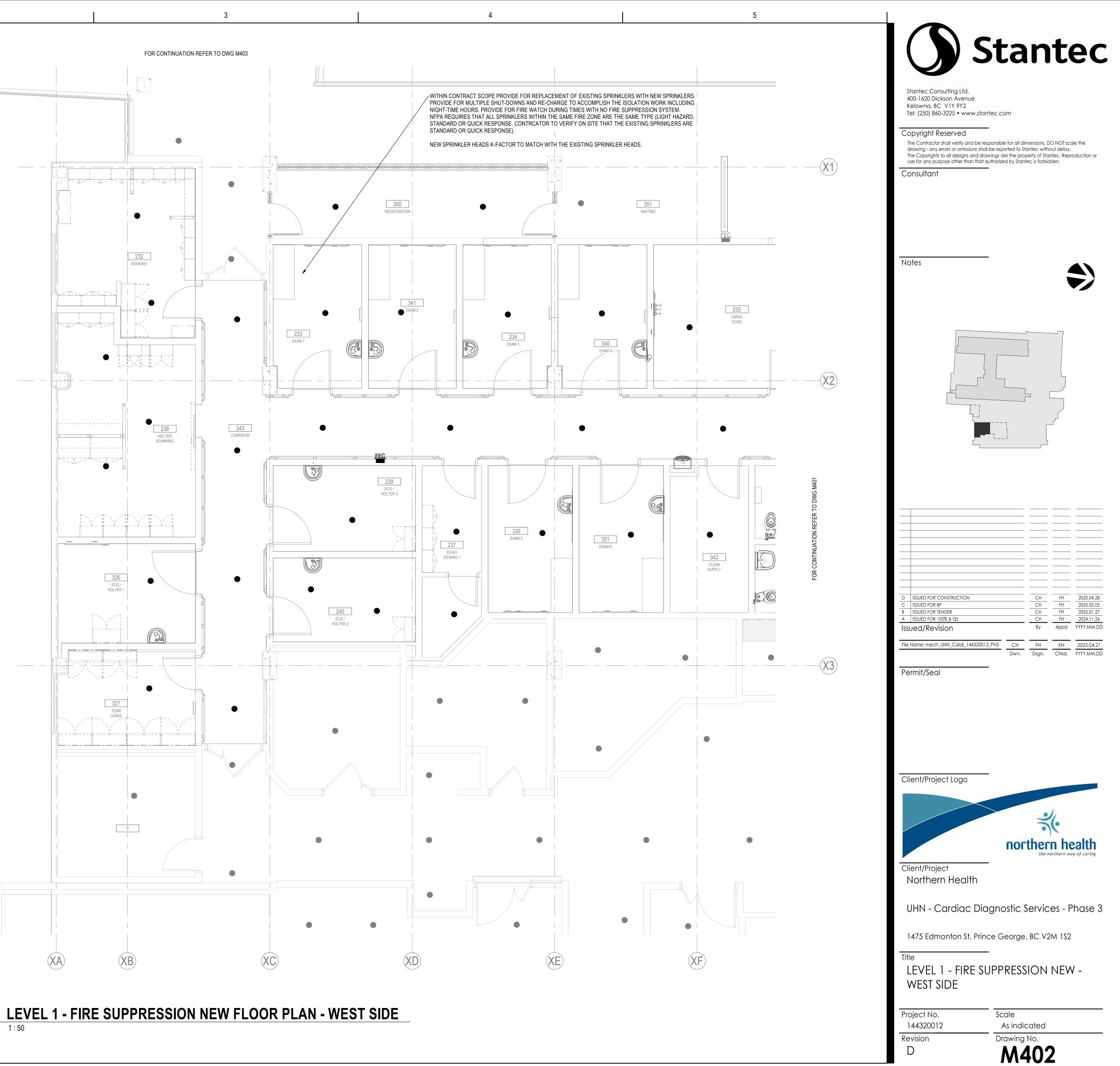
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D



1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

2. PROVIDE FIRE-STOPPING FOR ALL EXISTING PIPING AT FIRE SEPARATIONS.

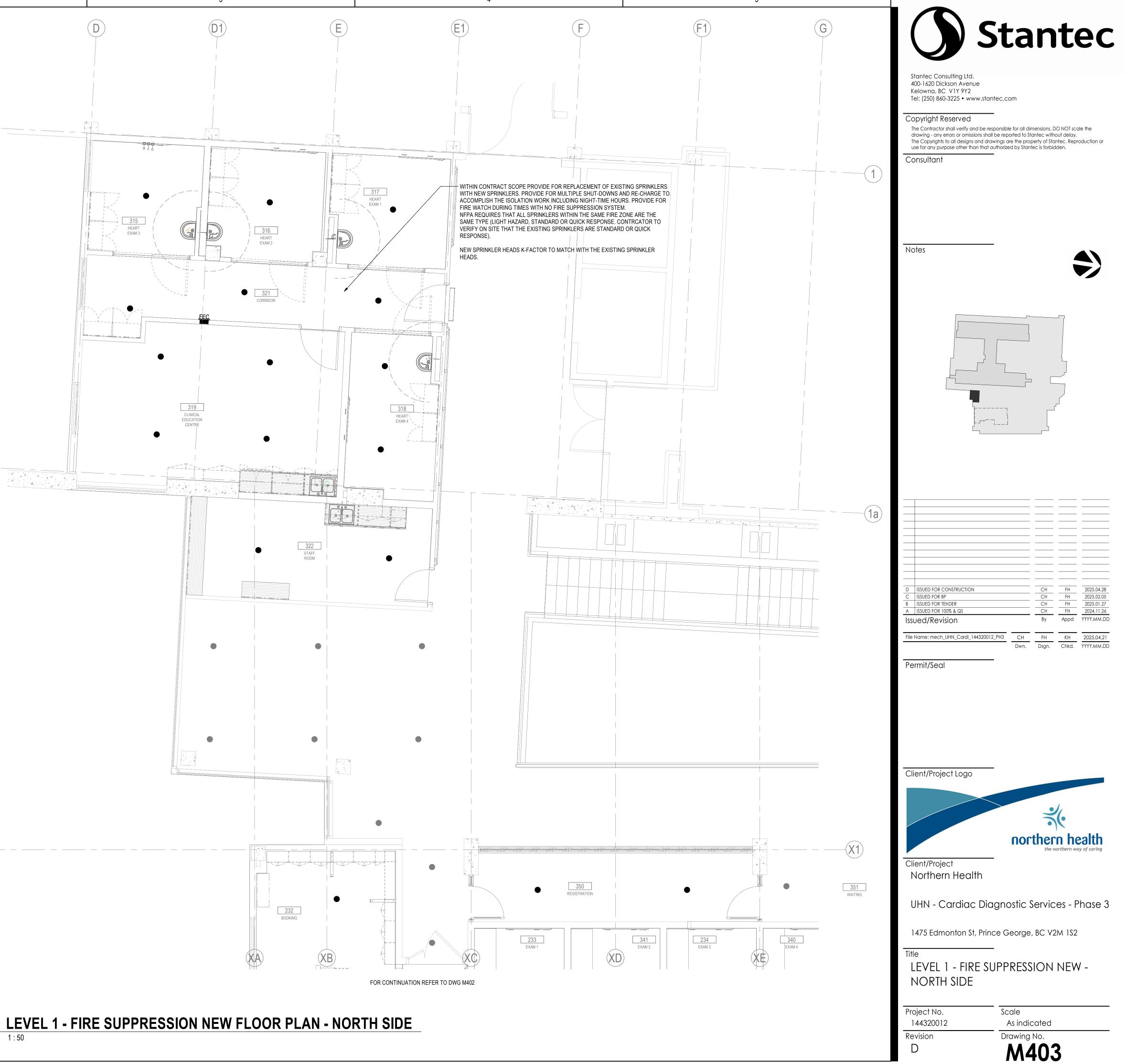
3. RE & RE EXISTING MECHANICAL, PLUMBING, MED GAS AND FIRE PROTECTION SERVICES IN THE CEILING OR WALL IN ORDER TO ACCESS AND INSTALL NEW MECHANICAL SERVICES.

4. COORDINATE SHUT-DOWNS FOR FIRE PROTECTION SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.

5. CONTRACTOR TO PROVIDE STAMPED ENGINEERING SHOP DRAWINGS BY A FIRE SUPPRESSION REGISTERED PROFESSIONAL ENGINEER.



ORIGINAL SHEET - ARCH D



**1** M403

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SUPPLY AIR VALVE SCHE										PIPE				
AREA SERVED	ROOM	AIR VALVE	MANUFACTURER	MODEL	SIZE	REHEAT COIL		OCCUPIED MODE AIR FLOW		UNOCCUPIEI MODE			ONNECTION	NOTES
	NUMBER	NO.				FLOW (L/S)	HEATING CAP. (KW)	MAX (L/S)		MODE			ММ	NOTES
HEART RHYTHM DEVICE CLINIC	236	SV-01	E.H.PRICE	SDV-5000	6	0.023	1.30	87	87	87	13.0	25.0	20	ALL
STRESS TEST	335	SV-02	E.H.PRICE	SDV-5000	9	0.067	3.75	272	272	272	13.0	24.0	20	ALL
ECHO 1	337	SV-03	E.H.PRICE	SDV-5000	6	0.013	0.70	65	45	45	13.0	25.0	20	ALL
ЕСНО	338	SV-04	E.H.PRICE	SDV-5000	6	0.015	0.81	55	45	45	13.0	25.0	20	ALL
CLEAN SUPPLY	342	SV-05	E.H.PRICE	SDV-5000	6	0.011	0.61	45	45	45	13.0	24.0	20	ALL
ECHO VIEWING 2	334	SV-06	E.H.PRICE	SDV-5000	6	0.007	0.35	24	14	14	13.0	25.0	20	ALL
LARGE ECHO	235	SV-07	E.H.PRICE	SDV-5000	7	0.05	2.80	205	205	200	13.0	24.0	20	ALL
FLEX	329	SV-08	E.H.PRICE	SDV-5000	7	0.034	1.85	140	139	135	13.0	24.0	20	ALL
CORRIDOR	343	SV-09	E.H.PRICE	SDV-5000	7	0.046	2.52	171	171	171	13.0	25.0	20	ALL
EXAM 6	331	SV-10	E.H.PRICE	SDV-5000	6	0.012	0.67	45	40	40	13.0	25.0	20	ALL
EXAM 4	340	SV-11	E.H.PRICE	SDV-5000	6	0.012	0.67	45	40	40	13.0	25.0	20	ALL
EXAM 5 AND ECHO VIEWING 1	330 & 237	SV-12	E.H.PRICE	SDV-5000	6	0.015	0.86	58	50	50	13.0	25.0	20	ALL
EXAM 3	234	SV-13	E.H.PRICE	SDV-5000	6	0.012	0.67	45	40	40	13.0	25.0	20	ALL
EXAM 2	341	SV-14	E.H.PRICE	SDV-5000	6	0.012	0.67	45	40	40	13.0	25.0	20	ALL
EXAM 1	233	SV-15	E.H.PRICE	SDV-5000	6	0.012	0.67	45	40	40	13.0	25.0	20	ALL
ECG HOLTER 3	239	SV-16	E.H.PRICE	SDV-5000	6	0.012	0.67	40	40	40	13.0	25.0	20	ALL
ECG HOLTER 2	240	SV-17	E.H.PRICE	SDV-5000	6	0.012	0.67	40	40	40	13.0	25.0	20	ALL
ECG HOLTER 1	326	SV-18	E.H.PRICE	SDV-5000	6	0.012	0.67	45	40	40	13.0	25.0	20	ALL
TEAM LEADS	327	SV-19	E.H.PRICE	SDV-5000	6	0.011	0.60	40	22	22	13.0	25.0	20	ALL
HOLTER SCANING	238	SV-20	E.H.PRICE	SDV-5000	6	0.015	0.81	55	45	45	13.0	25.0	20	ALL
BOOKING	232	SV-21	E.H.PRICE	SDV-5000	6	0.012	0.67	45	35	35	13.0	25.0	20	ALL
HEART EXAM 1	317	SV-22	E.H.PRICE	SDV-5000	6	0.011	0.60	40	40	40	13.0	25.0	20	ALL
HEART EXAM 2	316	SV-23	E.H.PRICE	SDV-5000	6	0.011	0.60	40	40	40	13.0	25.0	20	ALL
HEART EXAM 3	315	SV-24	E.H.PRICE	SDV-5000	6	0.011	0.60	40	40	40	13.0	25.0	20	ALL
HEART EXAM 4	318	SV-25	E.H.PRICE	SDV-5000	6	0.012	0.67	44	40	40	13.0	25.0	20	ALL
CLINICAL EDUCATION CENTRE	319	SV-26	E.H.PRICE	SDV-5000	7	0.058	3.25	217	217	217	13.0	25.0	20	ALL
CORRIDOR	321	SV-27	E.H.PRICE	SDV-5000	6	0.010	0.06	35	35	35	13.0	25.0	20	ALL
PYXIS MACHINE ROOM	347	SV-28	E.H.PRICE	SDV-5000	6	0.012	0.67	60	40	40	13.0	25.0	20	ALL

HOT WATER RADIANT CEILING PANEL SCHEDULE UNIT IDENTIFICATION WATER PANEL CAPACITY AMBIENT (Watts/m) (°C) EWT LWT (°C) (°C) NO OF WID MARK AREA SERVED TYPE TUBES (mm RCP-1 22.0 87.7 LEVEL 1 445 EVEN PASS CIRCUITRY 4 600 76.6

NOTES:

. PROVIDE INACTIVE SECTIONS AS DETAILED ON FLOOR PLANS. . ARCHITECT TO REVIEW AND CONFIRM FINISH AND COLOUR. . REFER TO ARCHITECTURAL CEILING PLAN FOR THE RCP TYPE (IE. T-BAR CEILING, DRY WALL, WOOD SLOT, ETC,). . PROVIDE SHOP DRAWINGS FOR CONSULTANT REVIEW.

AIR TERMINALS												
NOTATION	MANUFACTURER	TYPE	MODEL NO	MATERIAL	BORDER	BLADE ORIENT.	NOM. SIZE	VOLUME DAMPER	MOUNTING FRAME	FASTENING	FINISH	NOTE
S1	E.H.PRICE	SUPPLY DIFFUSER	SPD	STEEL	SURFACE PLAQUE	N/A	600x600	N/A	T-BAR OR DRY WALL	N/A	B12	1
E1	E.H.PRICE	CEILING MOUNTED EXHAUST GRILLE	520	STEEL	TYPE F	TYPE L	REFER TO DWGS	N/A	T-BAR OR DRY WALL	TYPE A	B12	1, 2
E2	E.H.PRICE	LINEAR SLOT EXHAUST DIFFUSER- 2(3/4") 19 SLOT SPACING	SDB - SDS75	STEEL	-	-	600 mm (24")	YES	WOOD SLOT CEILING		BLACK/ DARK BROWN	3

NOTES: 1. LOUVERED SUPPLY / EXHAUST GRILLE, DOUBLE DEFLECTION, 19MM BLADE SPACING. 2. REFER TO ARCHITECTURAL CEILING PLAN FOR CEILING TYPE. (T-BAR OR SURFACE MOUNT).

3. COLOUR AND FINISH OF THE NEW LINEAR SLOT DIFFUSER TO MATCH WITH THE EXISTING LINEAR SLOT DIFFUSERS FINISH/ COLOUR IN THE SAME ROOM.

GENERAL NOTES : A. CONFIRM WITH ARCHITECTURAL CEILING PLAN FOR AIR TERMINAL SIZES IF THEY ARE METRIC OR IMPERIAL CONVERSION.

B. COORDINATE WITH ARCHITECT THE REQUIRED BODER TYPE, END CAP AND FRAME PRIOR TO ORDERING.

C. REFER TO ARCHITECTURAL CEILING PLAN FOR CEILING TYPE (T-BAR, DRY WALL, WOOD SLOTS).

D. REFER TO DRAWINGS FOR NECK SIZE.

Α

DTH 1m)	FINISH	MANUFACTURER	MODEL NUMBER	NOTES	
00	WHITE	FRENGER	TWA	ALL	
I					



Stantec Consulting Ltd. 400-1620 Dickson Avenue Kelowna, BC V1Y 9Y2 Tel: (250) 860-3225 • www.stantec.com

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Consultant

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Notes



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				2025.04.28
ISSUED FOR BP		CH	FH	2025.02.05
ISSUED FOR TENDER		СН	FH	2025.01.27
ISSUED FOR 100% & QS		СН	FH	2024.11.26
Jed/Revision		Ву	Appd	YYYY.MM.DE
Name: mech_UHN_Cardi_144320012_PH3	СН	FH	KH	2025.04.21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD
	ISSUED FOR TENDER ISSUED FOR 100% & QS Jed/Revision	ISSUED FOR BP ISSUED FOR TENDER ISSUED FOR 100% & QS Jed/Revision Name: mech_UHN_Cardi_144320012_PH3 CH	ISSUED FOR BP       CH         ISSUED FOR TENDER       CH         ISSUED FOR 100% & QS       CH         Jed/Revision       By         Name: mech_UHN_Cardi_144320012_PH3       CH	ISSUED FOR BP       CH       FH         ISSUED FOR TENDER       CH       FH         ISSUED FOR 100% & QS       CH       FH         Jed/Revision       By       Appd         Name: mech_UHN_Cardi_144320012_PH3       CH       FH

Permit/Seal

Client/Project Logo



Client/Project Northern Health

UHN - Cardiac Diagnostic Services - Phase 3

1475 Edmonton St, Prince George, BC V2M 1S2

Title EQUIPMENT SCHEDULES

Project No. 144320012

Scale

Revision D

