			1				
A	BBRE	VIATIONS	<u>S</u>	RE	AL OBJEC	т	SYMBOL
A/C AAV					Ā	ð	
AAV ADJ	AUTOM	ATIC AIR VENT TABLE			Ĩ	Ĭ	—×—
AFC		FINISHED CEILING					_
AFF AFG		FINISHED FLOOR FINISHED GRADE		†	-	-	—––[i–––
AP		S PANEL		đ		8	ф—
APD		ESSURE DROP					—-101—
AVG BAS	AVERG/ BUILDIN	AGE IG AUTOMATION SYSTEN	Λ				— k —
BBDD		CED BACKDRAFT DAMPE		Ā	₽	8	
BDD	-	RAFT DAMPER	· N 4				· ·
BMS BOD	-	IG MANAGEMENT SYSTE M OF DUCT	IVI		 n		⋈⊣ѹ⊢⊓нҩ҄⊢
BOP	BOTTO	M OF PIPE		1	å é	\$ ©	
C/W CAV		ETE WITH ANT AIR VOLUME		œ	置	B	—×—
CTE		CT TO EXISTING		Ô	Щ Ц	П ©	
DB							
DDC DIA./Ø		DIGITAL CONTROL ER					Ţ
DIFF	DIFFER	ENTIAL					<u>م</u>
DIV DN	DIVISIO DOWN	N					¢
DWG	DRAWIN	IG					7
EA	EXHAUS						-BFP-
EA (D) EA (G		ST AIR, DISHWASH ST AIR, GENERAL		C	Ř2	٨	
EA (K)	EXHAUS	ST AIR, KITCHEN		⊧⊙ i			
EA (LA EA (LI	-	ST AIR, LABORATORY ST AIR, LAUNDRY/DRYER	,				
EA (LI EA (W	,	ST AIR, LAUNDRY/DRYER ST AIR, WASHROOM	A	\square	$\overline{\nabla}$	Ø	<u> </u>
EAT	ENTERI	NG AIR TEMPERATURE		\otimes	Ť	Ċ	&
EAV EER		ST AIR VALVE Y EFFICIENCY RATIO					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
EG	ETHELY	ENE GLYCOL					~_+
ESP EWT		IAL STATIC PRESSURE NG WATER TEMPERATU	RF				¥
EWI	EXISTIN						
FA FB	FROM A FROM B						
FB FLA		AD AMPERAGE					
FOF	FUEL O						<u> </u>
FOR FOS		IL RETURN IL SUPPLY					¥
FP		ROTECTION					_@
FUT GA	FUTURE						<u> </u>
GC	GENER	AL CONTRACTOR					
HEPA HT			EAIR (FILTER)				_
HI		EMPERATURE G / VENTILATING / AIR CO	ONDITIONING				<u> </u>
INV		ELEVATION					— × —
IPLV LAT		ATED PART LOAD VALUE G AIR TEMPERATURE	_				10/
LT	LOW TE	MPERATURE					
LWT MCA		G WATER TEMPERATURE M CIRCUIT AMPS	Ξ	a	a		;
MFR		ACTURER		——(;
MOP		JM OVERCURRENT PROT	TECTION				. Υ .
N/A NC		PLICABLE LLY CLOSED		$\succ \parallel \rightarrow$			
NIC	NOT IN	CONTRACT		0			۵
NO NPS		LLY OPEN AL PIPE SIZE		Å			←
NTS	NOT TO			<u>Engre</u>			
OA	OUTSID	EAIR		ᡪᠴᢓ᠇᠊ᡕ			<u></u>
OFCI OFE		L FURNISHED, CONTRACT		(بين يحي			⊥
OFOI	OWNER	FURNISHED / OWNER IN					
PG POF		ENE GLYCOL		0	0	۵	
POE POS		OF ENTRANCE OF SERVICE		Ф	Ф	O	—
PPM	PARTS	PER MILLION		D	D	Ø	—D—
PTS PVC		ATIC TUBE STATION NYL CHLORIDE		D	D	0	—p—
RA	RETUR	NAIR		CO	co		——————————————————————————————————————
RE		E EXISTING		-1	-0		
REL RELA	RELOC/ RELIEF						00a 00
REQD	REQUIR	ED					— 1 01—
RH SA	RELATI SUPPLY	/E HUMIDITY ′ AIR					Ó
SP		PRESSURE					150
SRV		RELIEF VALVE			[]		:XX
TA TEMP	TRANSF TEMPEF	FER AIR RATURE					
TSP	TOTALS	STATIC PRESSURE					
TSTA ⁻ TYP							
UC	TYPICA UNDER	L CUT (DOOR)					
UG	UNDER	GROUND					
VAV VFD		LE AIR VOLUME LE FREQUENCY DRIVE					
VIF	VERIFY	IN FIELD					
VTR W/	VENT-T WITH	HRU-ROOF					
W/O	WITHOU	JT					
WB WG		LB TEMPERATURE					
°F	WATER FAHREN						
		NOMINAL IMPERIAL					
	SIZE (DN)	PIPE SIZE (NPS) 1/2					
	20	3/4					
	25 32	1 1 1/4					
1		1 I					

PIPING COMPONENTS

REAL OBJECT

		* <u>NOTE</u> : ALL DUCT SI
	ISOLATION VALVE (GENERIC REFER TO SPEC FOR DETAILS)	SA
	GLOBE VALVE	RA
	BUTTERFLY VALVE	OA
	BALL VALVE	EA(G)
	PLUG VALVE	EA(W)
	NEEDLE VALVE	EA(ISO)
	CHECK VALVE (GENERIC)	EA(LAB)
§⊢	BALANCING VALVE (REFER TO SPEC FOR DETAILS)	EA(K)
	PRESSURE REDUCING VALVE	>
	2-WAY CONTROL VALVE	• 450x250 4 50x250 →
	3-WAY CONTROL VALVE	450ø <u></u> 450ø ~
	FLOAT OPERATED VALVE ACTUATOR	450x250ø }450x250ø→
	SAFETY OR RELIEF VALVE	450x250
	ANGLE VALVE	×450×250×
	BOILER STOP AND CHECK VALVE	450x250
	BACKFLOW PREVENTER (GENERIC)	450x250
	MULTI-PURPOSE VALVE (SHUTOFF, BALANCING AND CHECK	
<u> </u>	PUMP (GENERIC REFER TO SCHEDULES)	
	Y STRAINER (GENERIC)	
	STEAM TRAP (GENERIC)	
	AUTOMATIC AIR VENT	
	MANUAL AIR VENT	
	VACUUM BREAKER	
	SHOCK ABSORBER	
	TEMPERATURE GAUGE	
	PRESSURE GAUGE	
	TEMPERATURE AND PRESSURE TAP	
	SIGHT FLOW GLASS	$\Box \rightarrow$
	FLEXIBLE CONNECTOR	5
	EXPANSION JOINT	Ø
	GUIDE	Ш П ОК 🔊
	ANCHOR	
	FLOW ARROW	
►	PIPING SLOPE	
_]	PIPE CAP	
	PIPE BREAK	
	PIPE CROSS	
	PIPING ELBOW UP	
	PIPING ELBOW DOWN	
	PIPING TEE UP	
	PIPING TEE DOWN	Ţ <u>₩</u> Ţ ¥
	PIPING TEE (SCHEMATIC)	
	UNION CONNECTION	- TYPE - SIZE (mm)
	FLANGED CONNECTION	
	CONCENTRIC REDUCER	
	ECCENTRIC REDUCER	
Ю	STANDARD CLEAN-OUT IN LINE END OF RUN	
D	STANDARD CLEAN-OUT THROUGH FLOOR END OF RUN	Image: A = 1 → 1 → 1 → 1 → 1 → 1 → 1 → 1 → 1 → 1
	STANDARD CLEAN-OUT THROUGH FLOOR IN LINE	~
	PIPE INSULATION	
	PIPE SIZE (mm)	÷
	PIPING ROUTED BELOW SLAB OR GRADE	₹ ŬČ
		<u>↓</u>

40 50

65

80 100

150 200

250 300

350

375

400

1 1/2

2 1/2

12

14

15

	3			4			
REAL OBJECT	VENTILATION (HVAC)	REAL OBJECT	SYMBOL	PIPING SYSTEMS (HVAC)	REAL OBJECT	SYMBOL	DRAINA
* <u>NOTE</u> : ALL DUCT \$	SIZES ARE INTERIOR, FREE DIMENSIONS	CHWR-			CD		CONDENSATE DRAIN
SA	SUPPLY AIR			CHILLED WATER RETURN CHILLED WATER RETURN - GLYCOL	CD(P)		CONDENSATE DRAIN
RA	RETURN AIR			CHILLED WATER RETURN - GLICOL	FT		FOOTING DRAIN
OA	OUTDOOR AIR			CHILLED WATER SUPPLY	V		SANITARY VENT
EA(G)	GENERAL EXHAUST AIR	CHWS(G)		CHILLED WATER SUPPLY - GLYCOL	V(0)		SANITARY VENT (OIL
EA(W)	WASHROOM EXHAUST AIR	CHWS(G)		CHILLED WATER SUPPLY - PROCESS	SAN		SANITARY WASTE
EA(ISO)	ISOLATION EXHAUST AIR	KXXXXXXXXCWR		CONDENSER WATER RETURN	SAN(O)		SANITARY WASTE (O
EA(LAB)	LABORATORY EXHAUST AIR			CONDENSER WATER RETURN (COOLING TOWER)	SAN(P)		SANITARY WASTE (P
EA(K)	KITCHEN EXHAUST AIR			CONDENSER WATER REPORT (COOLING TOWER)	ST-		STORM DRAIN
- ~~	AIR FLOW ARROW	CWS(CT)		CONDENSER WATER SUPPLY (COOLING TOWER)	ST(O)		STORM OVERFLOW
√250 ↓ 450x250 →	RECTANGULAR DUCT AND SIZE*			DUAL TEMPERATURE RETURN (HOT OR CHILLED)	ST(P)		STORM PUMPED
	ROUND DUCT AND SIZE*	DTS		DUAL TEMPERATURE SUPPLY (HOT OR CHILLED)			PLUMBI
250ø	FLAT OVAL DUCT AND SIZE*	HPWR-		HEAT PUMP WATER RETURN	REAL OBJECT	SYMBOL	FLUIVIDI
/		HPWS-		HEAT PUMP WATER SUPPLY	DCW		DOMESTIC COLD WA
450x250	EXTERIOR DUCT TREATMENT*	XXXXXXX		HEAT RECOVERY LOOP RETURN	DCW(S)		DOMESTIC COLD WA
X450x250X	RECTANGULAR DUCT WITH ACOUSTIC LINING*	HRS-		HEAT RECOVERY LOOP SUPPLY	DHW-		DOMESTIC HOT WAT
450x250	EXTERIOR DUCT TREATMENT - FIRE WRAP*	KXXXXXXXXHWR-		HEATING WATER RETURN	DHWR-		DOMESTIC HOT WAT
✓ 450x250	DUCT SECTION, SUPPLY AIR. SIZE* IS HORIZONTAL DIM. x VERTICAL DIM. APPLIES TO RECT., ROUND AND OVAL	HWR(G)		HEATING WATER RETURN - GLYCOL		<u> </u>	ELECTRIC HEAT TRA
	DUCT SECTION, OUTSIDE AIR. APPLIES TO RECT., ROUND AND OVAL	HWS-		HEATING WATER SUPPLY			DOMESTIC HOT WAT
	DUCT SECTION, RETURN AIR. APPLIES TO RECT., ROUND AND OVAL	HWS(G)-		HEATING WATER SUPPLY - GLYCOL	NPCW-		NON-POTABLE COLD
	DUCT SECTION, EXHAUST AIR. APPLIES TO RECT., ROUND AND OVAL	REF(HG)		REFRIGERANT HOT GAS	NPCW(S)		NON-POTABLE COLD
	FLEXIBLE DUCT	REF(L)-		REFRIGERANT LIQUID	<u>م</u>		FIXTURE TRAP
	ELBOW TURN, SUPPLY DOWN. APPLIES TO RECT., ROUND AND OVAL	REF(S)		REFRIGERANT SUCTION	 RD-#⊘		ROOF DRAIN
	ELBOW TURN, OUTSIDE AIR DOWN. APPLIES TO RECT., ROUND AND OVAL	REF(V)		REFRIGERANT VENT	 FD-# ⊘		FLOOR DRAIN
	ELBOW TURN, RETURN DOWN. APPLIES TO RECT., ROUND AND OVAL						PLUMBING FIXTURES
	ELBOW TURN, EXHAUST DOWN. APPLIES TO RECT., ROUND AND OVAL	REAL OBJECT	SYMBOL	LAB & MEDICAL GAS			PLUMBING FIXTURE
	CHANGE IN DUCT ELEVATION RISING	MA		MEDICAL AIR	EQ-##	###	TRIM PLUMBING CON
	CHANGE IN DUCT ELEVATION DROPPING	MV-		MEDICAL VACUUM			
┓ →	END CAP	02-		OXYGEN		Б	
5	ELBOW, RECTANGULAR, SMOOTH RADIUS WITHOUT VANES (1.5 R/W	(F	A)->	LAB AIR SINGLE BENCH OUTLET	REAL OBJECT SYM		IRE PRO
		(V)	LAB VACUUM SINGLE BENCH OUTLET	F(D)		RE - DRAIN
_ <i></i>	ELBOW, ROUND, SMOOTH RADIUS (1.5 R/W DEFAULT)	(▶-	LAB NITROGEN SINGLE BENCH OUTLET	F(DRY)		RE - DRY
OR 🔊	MITERED ELBOW, RECTANGULAR, WITH TURNING VANES	N	-)- -	LAB NITROUS SINGLE BENCH OUTLET	F(PA)		RE - PRE-ACTION
	RECTANGULAR TO ROUND TRANSITION) →	LAB OXYGEN SINGLE BENCH OUTLET	F		RE - WET
	DUCT ACCESS DOOR (TOP, SIDE, BOTTOM)	(#	1	LAB DOUBLE 45 DEGREE BENCH OUTLET	AC		
	FLEXIBLE CONNECTION	-	->_ A)→►		HT		

◄(A)-►

A

 $\langle A \rangle$

< MV

<u>N2</u>

 $\langle N \rangle$

 $\langle \rangle$

(IA)

AGS

BACKDRAFT DAMPER MANUAL DAMPER MOTORIZED DAMPER FIRE DAMPER SMOKE DAMPER

SMOKE AND FIRE DAMPER

AIR OUTLET OR INLET TAG (REFER TO SCHEDULE)

RECTANGULAR DIFFUSER, SUPPLY. OPTIONAL ARROWS SHOW THE FLOW DIRECTION. RECTANGULAR REGISTER OR GRILLE, RETURN

RECTANGULAR REGISTER OR GRILLE, EXHAUST

ROUND DIFFUSER, SUPPLY

LINEAR DIFFUSER

SIDEWALL REGISTER OR GRILLE, SUPPLY

SIDEWALL GRILLE, RETURN OR EXHAUST

UNDERCUT DOOR

(ID-#)

-

— QUANTITY TYPE

- LENGTH (mm)

- CAPACITY (W)

DOOR GRILLE OR LOUVER

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

LAB DOUBLE BENCH OUTLET LAB QUAD 45 DEGREE BENCH OUTLET HEADWALL MECHANICAL CONNECTION PROVIDED MEDICAL AIR OUTLET ⊶ MEDICAL VACUUM OUTLET \sim MEDICAL NITROGEN OUTLET 0—∎ MEDICAL NITROUS OXIDE OUTLET **0**→ MEDICAL OXYGEN OUTLET **~~** MEDICAL CARBON DIOXIDE ⊶● ⊶ INSTRUMENT AIR ANESTHETIC GAS SCAVENGING SYSTEM

NPC'	M(S)
RI	v(G) D=# ∅ D=# ∅ ID-# EQ-######
REAL OBJECT	SYMBOL
F(D)	
F(DRY)	
F(PA)	
F-	
AC	
HT	
D	
EC	
CR	
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FCP]
FHC]

SCV

	PLUMBING FIXTUR
#	TRIM PLUMBING C
CL	<u>FIRE PRC</u>
	FIRE - DRAIN
	FIRE - DRY
	FIRE - PRE-ACTION
	FIRE - WET
	ABBREVIATION FOR AN
	ABBREVIATION FOR HIG
	ABBREVIATION FOR DR
	ABBREVIATION FOR EX
	ABBREVIATION FOR CL
	ABBREVIATION FOR RE
	UPRIGHT SPRINKLER
	PENDANT SPRINKLER
	DEMOLISH SPRINKLER
	CONCEALED PENDANT
	SIDEWALL SPRINKLER

NKLER EXTENDED COVERAGE SIDEWALL SPRINKLER FIRE EXTINGUISHER DUCT MOUNTED SMOKE SENSOR FIRE ALARM CONTROL PANEL FIRE HOSE CABINET SPRINKLER ZONE CONTROL VALVE

M010LEVEL 0 - PLUMBING DEMO - EAST SIDEM011LEVEL 0 - PLUMBING DEMO - WEST SIDEM012LEVEL 1 - MEDICAL GAS DEMO - EAST SIDEM013LEVEL 1 - MEDICAL GAS DEMO - WEST SIDEM014LEVEL 1 - FIRE SUPPRESSION DEMO - EAST SIDEM015LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDEM016LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDEM100LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROLM111LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROLM102LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDEM103LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDEM104LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDEM105LEVEL 1 - MECHANICAL HVDRONIC NEW - WEST SIDEM106LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDEM107LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDEM108LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM109LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDEM104LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM105LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM106LEVEL 1 - PLUMBING NEW - EAST SIDEM201LEVEL 1 - PLUMBING NEW - WEST SIDEM202LEVEL 1 - PLUMBING NEW - WEST SIDEM203LEVEL 0 - PLUMBING NEW - NORTH SIDEM204LEVEL 0 - PLUMBING NEW - EAST SIDEM205LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM207LEVEL 0 - PLUMBING NEW - NORTH	Sheet List			
M002 LEVEL 1 - MECHANICAL HVAC DEMO - EAST SIDE M003 LEVEL 1 - MECHANICAL HVAC DEMO - WEST SIDE M004 LEVEL 1 - MECHANICAL HVAC DEMO - NORTH SIDE M005 LEVEL 1 - MECHANICAL HVAC DEMO - NORTH SIDE M006 LEVEL 1 - MECHANICAL HYDRONIC DEMO - WEST SIDE M007 LEVEL 1 - MECHANICAL HYDRONIC DEMO - WEST SIDE M008 LEVEL 1 - PLUMBING DEMO - EAST SIDE M009 LEVEL 0 - PLUMBING DEMO - EAST SIDE M010 LEVEL 0 - PLUMBING DEMO - EAST SIDE M011 LEVEL 0 - PLUMBING DEMO - EAST SIDE M012 LEVEL 1 - MEDICAL GAS DEMO - EAST SIDE M013 LEVEL 1 - MEDICAL GAS DEMO - WEST SIDE M014 LEVEL 1 - FIRE SUPPRESSION DEMO - EAST SIDE M015 LEVEL 1 - FIRE SUPPRESSION DEMO - EAST SIDE M016 LEVEL 1 - FIRE SUPPRESSION DEMO - MEST SIDE M100 LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDE M101 LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDE M102 LEVEL 1 - MECHANICAL HVAC NEW - FAST SIDE M103 LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDE M104 LEVEL 1 - MECHANICAL HVAC NEW - FAST SIDE M105 LEVEL	Sheet Number	Sheet Name		
M003 LEVEL 1 - MECHANICAL HVAC DEMO - WEST SIDE M004 LEVEL 1 - MECHANICAL HVAC DEMO - NORTH SIDE M005 LEVEL 1 - MECHANICAL HVDRONIC DEMO - EAST SIDE M006 LEVEL 1 - MECHANICAL HYDRONIC DEMO - WEST SIDE M007 LEVEL 1 - MECHANICAL HYDRONIC DEMO - NORTH SIDE M008 LEVEL 1 - PLUMBING DEMO - EAST SIDE M009 LEVEL 1 - PLUMBING DEMO - EAST SIDE M010 LEVEL 0 - PLUMBING DEMO - EAST SIDE M011 LEVEL 0 - PLUMBING DEMO - EAST SIDE M012 LEVEL 1 - MEDICAL GAS DEMO - EAST SIDE M013 LEVEL 1 - MEDICAL GAS DEMO - EAST SIDE M014 LEVEL 1 - MEDICAL GAS DEMO - WEST SIDE M015 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M016 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M100 LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROL M101 LEVEL 1 - MECHANICAL HVAC NEW - SIDE M102 LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE M103 LEVEL 1 - MECHANICAL HVAC NEW - SIDE M104 LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE M103 LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE M104 LEVEL 1 - MECHA	M001	MECHANICAL LEGEND AND DRAWINGS LIST		
M004 LEVEL 1 - MECHANICAL HVAC DEMO - NORTH SIDE M005 LEVEL 1 - MECHANICAL HYDRONIC DEMO - EAST SIDE M006 LEVEL 1 - MECHANICAL HYDRONIC DEMO - WEST SIDE M007 LEVEL 1 - NECHANICAL HYDRONIC DEMO - NORTH SIDE M008 LEVEL 1 - PLUMBING DEMO - EAST SIDE M009 LEVEL 1 - PLUMBING DEMO - WEST SIDE M010 LEVEL 0 - PLUMBING DEMO - WEST SIDE M011 LEVEL 0 - PLUMBING DEMO - WEST SIDE M012 LEVEL 1 - MEDICAL GAS DEMO - WEST SIDE M013 LEVEL 1 - MEDICAL GAS DEMO - WEST SIDE M014 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M015 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M016 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M010 LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDE M100 LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROL M111 LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDE M100 LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE M100 LEVEL 1 - MECHANICAL HVAC NEW - SAST SIDE M101 LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE M102 LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE M103 LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE	M002	LEVEL 1 - MECHANICAL HVAC DEMO - EAST SIDE		
M005 LEVEL 1 - MECHANICAL HYDRONIC DEMO - EAST SIDE M006 LEVEL 1 - MECHANICAL HYDRONIC DEMO - WEST SIDE M007 LEVEL 1 - MECHANICAL HYDRONIC DEMO - NORTH SIDE M008 LEVEL 1 - PLUMBING DEMO - EAST SIDE M009 LEVEL 1 - PLUMBING DEMO - EAST SIDE M010 LEVEL 0 - PLUMBING DEMO - WEST SIDE M011 LEVEL 0 - PLUMBING DEMO - WEST SIDE M012 LEVEL 1 - MEDICAL GAS DEMO - WEST SIDE M013 LEVEL 1 - MEDICAL GAS DEMO - WEST SIDE M014 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M015 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M016 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M017 LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDE M018 LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDE M100 LEVEL 1 - MECHANICAL HYAC ENVIRONMENTAL CONTROL M101 LEVEL 1 - MECHANICAL HYAC NEW - EAST SIDE M102 LEVEL 1 - MECHANICAL HYAC NEW - WEST SIDE M103 LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDE M104 LEVEL 1 - MECHANICAL HYDRONIC NEW - SAST SIDE M105 LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDE M106 LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDE </td <td>M003</td> <td>LEVEL 1 - MECHANICAL HVAC DEMO - WEST SIDE</td>	M003	LEVEL 1 - MECHANICAL HVAC DEMO - WEST SIDE		
M006 LEVEL 1 - MECHANICAL HYDRONIC DEMO - WEST SIDE M007 LEVEL 1 - PLUMBING DEMO - EAST SIDE M008 LEVEL 1 - PLUMBING DEMO - EAST SIDE M010 LEVEL 0 - PLUMBING DEMO - WEST SIDE M011 LEVEL 0 - PLUMBING DEMO - WEST SIDE M012 LEVEL 1 - MEDICAL GAS DEMO - EAST SIDE M013 LEVEL 1 - MEDICAL GAS DEMO - WEST SIDE M014 LEVEL 1 - FIRE SUPPRESSION DEMO - EAST SIDE M015 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M016 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M017 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M018 LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE M019 LEVEL 1 - HECHANICAL HVAC ENVIRONMENTAL CONTROL M100 LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDE M101 LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDE M102 LEVEL 1 - MECHANICAL HVAC NEW - FAST SIDE M103 LEVEL 1 - MECHANICAL HVAC NEW - FAST SIDE M104 LEVEL 1 - MECHANICAL HVAC NEW - FAST SIDE M105 LEVEL 1 - MECHANICAL HVAC NEW - FAST SIDE M104 LEVEL 1 - MECHANICAL HVAC NEW - FAST SIDE M105 LEVEL 1 - MECHANICAL HVAC NEW - FAST SIDE M106 <td>M004</td> <td>LEVEL 1 - MECHANICAL HVAC DEMO - NORTH SIDE</td>	M004	LEVEL 1 - MECHANICAL HVAC DEMO - NORTH SIDE		
M007LEVEL 1 - MECHANICAL HYDRONIC DEMO - NORTH SIDEM008LEVEL 1 - PLUMBING DEMO - EAST SIDEM009LEVEL 1 - PLUMBING DEMO - WEST SIDEM010LEVEL 0 - PLUMBING DEMO - EAST SIDEM011LEVEL 0 - PLUMBING DEMO - EAST SIDEM012LEVEL 1 - MEDICAL GAS DEMO - EAST SIDEM013LEVEL 1 - MEDICAL GAS DEMO - EAST SIDEM014LEVEL 1 - FIRE SUPPRESSION DEMO - EAST SIDEM015LEVEL 1 - FIRE SUPPRESSION DEMO - EAST SIDEM016LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDEM017LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDEM018LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDEM100LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROLM101LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDEM102LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDEM103LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDEM104LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDEM105LEVEL 1 - MECHANICAL HVAC NEW - NORTH SIDEM106LEVEL 1 - MECHANICAL HYDRONIC NEW - EAST SIDEM107LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDEM108LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM109LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM106LEVEL 1 - PLUMBING NEW - WEST SIDEM107LEVEL 1 - PLUMBING NEW - WEST SIDEM108LEVEL 1 - PLUMBING NEW - WEST SIDEM209LEVEL 0 - PLUMBING NEW - WEST SIDEM200LEVEL 0 - PLUMBING NEW - WEST SIDEM201LEVEL 0 - PLUMBING NEW - NORTH SIDEM205LEVEL 0 - PLUMBING NEW - NORT	M005	LEVEL 1 - MECHANICAL HYDRONIC DEMO - EAST SIDE		
M008LEVEL 1 - PLUMBING DEMO - EAST SIDEM009LEVEL 1 - PLUMBING DEMO - WEST SIDEM010LEVEL 0 - PLUMBING DEMO - WEST SIDEM011LEVEL 0 - PLUMBING DEMO - WEST SIDEM012LEVEL 1 - MEDICAL GAS DEMO - EAST SIDEM013LEVEL 1 - MEDICAL GAS DEMO - WEST SIDEM014LEVEL 1 - FIRE SUPPRESSION DEMO - EAST SIDEM015LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDEM016LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDEM100LEVEL 1 - FIRE SUPPRESSION DEMO - NORTH SIDEM110LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROLM101LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDEM102LEVEL 1 - MECHANICAL HVAC NEW - BAST SIDEM103LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDEM104LEVEL 1 - MECHANICAL HVAC NEW - NORTH SIDEM105LEVEL 1 - MECHANICAL HVDRONIC NEW - WEST SIDEM106LEVEL 1 - MECHANICAL HVDRONIC NEW - WEST SIDEM107LEVEL 1 - MECHANICAL HVDRONIC NEW - NORTH SIDEM108LEVEL 1 - MECHANICAL HVDRONIC NEW - NORTH SIDEM109LEVEL 1 - DUMBING NEW - WEST SIDEM106LEVEL 1 - PLUMBING NEW - WEST SIDEM201LEVEL 1 - PLUMBING NEW - WEST SIDEM202LEVEL 1 - PLUMBING NEW - WEST SIDEM203LEVEL 1 - PLUMBING NEW - WEST SIDEM204LEVEL 0 - PLUMBING NEW - WEST SIDEM205LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM206<	M006	LEVEL 1 - MECHANICAL HYDRONIC DEMO - WEST SIDE		
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M100LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROLM101LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDEM102LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDEM103LEVEL 1 - MECHANICAL HVAC NEW - NORTH SIDEM104LEVEL 1 - MECHANICAL HYDRONIC NEW - EAST SIDEM105LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDEM106LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM201LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM202LEVEL 1 - PLUMBING NEW - EAST SIDEM203LEVEL 1 - PLUMBING NEW - WEST SIDEM204LEVEL 0 - PLUMBING NEW - EAST SIDEM205LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM201LEVEL 0 - PLUMBING NEW - WEST SIDEM203LEVEL 0 - PLUMBING NEW - NORTH SIDEM204LEVEL 0 - PLUMBING NEW - WEST SIDEM205LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM207LEVEL 0 - PLUMBING NEW - WEST SIDE	M015	LEVEL 1 - FIRE SUPPRESSION DEMO - WEST SIDE		
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M102LEVEL 1 - MECHANICAL HVAC NEW - WEST SIDEM103LEVEL 1 - MECHANICAL HVAC NEW - NORTH SIDEM104LEVEL 1 - MECHANICAL HYDRONIC NEW - EAST SIDEM105LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDEM106LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM201LEVEL 1 - PLUMBING NEW - EAST SIDEM202LEVEL 1 - PLUMBING NEW - WEST SIDEM203LEVEL 1 - PLUMBING NEW - NORTH SIDEM204LEVEL 0 - PLUMBING NEW - EAST SIDEM205LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - WEST SIDEM207LEVEL 0 - PLUMBING NEW - WEST SIDEM208LEVEL 0 - PLUMBING NEW - WEST SIDEM209LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM301LEVEL 1 - MEDICAL GAS NEW - EAST SIDE	M100	LEVEL 1 - MECHANICAL HVAC ENVIRONMENTAL CONTROL		
M103LEVEL 1 - MECHANICAL HVAC NEW - NORTH SIDEM104LEVEL 1 - MECHANICAL HYDRONIC NEW - EAST SIDEM105LEVEL 1 - MECHANICAL HYDRONIC NEW - WEST SIDEM106LEVEL 1 - MECHANICAL HYDRONIC NEW - NORTH SIDEM201LEVEL 1 - PLUMBING NEW - EAST SIDEM202LEVEL 1 - PLUMBING NEW - WEST SIDEM203LEVEL 1 - PLUMBING NEW - NORTH SIDEM204LEVEL 0 - PLUMBING NEW - EAST SIDEM205LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - WEST SIDEM207LEVEL 0 - PLUMBING NEW - WEST SIDE	M101	LEVEL 1 - MECHANICAL HVAC NEW - EAST SIDE		
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M204LEVEL 0 - PLUMBING NEW - EAST SIDEM205LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM301LEVEL 1 - MEDICAL GAS NEW - EAST SIDE	M202	LEVEL 1 - PLUMBING NEW - WEST SIDE		
M205LEVEL 0 - PLUMBING NEW - WEST SIDEM206LEVEL 0 - PLUMBING NEW - NORTH SIDEM301LEVEL 1 - MEDICAL GAS NEW - EAST SIDE	M203	LEVEL 1 - PLUMBING NEW - NORTH SIDE		
M206 LEVEL 0 - PLUMBING NEW - NORTH SIDE M301 LEVEL 1 - MEDICAL GAS NEW - EAST SIDE	M204	LEVEL 0 - PLUMBING NEW - EAST SIDE		
M301 LEVEL 1 - MEDICAL GAS NEW - EAST SIDE	M205	LEVEL 0 - PLUMBING NEW - WEST SIDE		
	M206	LEVEL 0 - PLUMBING NEW - NORTH SIDE		
M302 LEVEL 1 - MEDICAL GAS NEW - WEST SIDE	M301	LEVEL 1 - MEDICAL GAS NEW - EAST SIDE		
	M302	LEVEL 1 - MEDICAL GAS NEW - WEST SIDE		
M303 LEVEL 1 - MEDICAL GAS NEW - NORTH SIDE	M303	LEVEL 1 - MEDICAL GAS NEW - NORTH SIDE		
M401 LEVEL 1 - FIRE SUPPRESSION NEW - EAST SIDE	M401	LEVEL 1 - FIRE SUPPRESSION NEW - EAST SIDE		
M402 LEVEL 1 - FIRE SUPPRESSION NEW - WEST SIDE	M402	LEVEL 1 - FIRE SUPPRESSION NEW - WEST SIDE		
M403 LEVEL 1 - FIRE SUPPRESSION NEW - NORTH SIDE		LEVEL 1 - FIRE SUPPRESSION NEW - NORTH SIDE		
M500 EQUIPMENT SCHEDULES				

DRAINAGE

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LOW	

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

- DETAIL NUMBER

- SHEET ON WHICH

DETAIL IS SHOWN

DETAIL CALLOUTS

NEW WORK



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Consultant

Notes

PLUMBING

DOMESTIC COLD WATER	~
DOMESTIC COLD WATER SOFTENED	GL
DOMESTIC HOT WATER	
DOMESTIC HOT WATER RECIRCULATING	
ELECTRIC HEAT TRACE (DHW TEMPERATURE MAINT	(ENACE)
DOMESTIC HOT WATER SOFTENED	
NON-POTABLE COLD WATER	

NON-POTABLE COLD WATER SOFTENED

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

PROTECTION

FOR ANTICORROSION

FOR HIGH TEMPERATURE FOR DRY HEAD

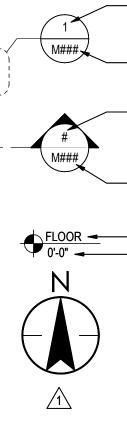
FOR EXTENDED COVERAGE

FOR CLEANROOM GASKET SEALED

FOR RESIDENTIAL

NKLER

NDANT SPRINKLER



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ELEVATION

TOP OF

 \times

- SECTION NUMBER SECTIONS - SHEET ON WHICH SECTION IS SHOWN

 FLOOR
 FLOOR OR ROOF LEVEL NAME

 0'-0"
 VERTICAL ELEVATION

NORTH ARROW

DRAWING REVISION

MATCH LINE

GRAPHIC SCALES

ELEVATION

DATUM ELEVATION



DEMOLITION KEYNOTE

KEYNOTE

SLOPE ARROW

CIRCULAR BREAK SYMBOL

CENTER LINE

GRID BUBBLE AND LINE



Stantec Permit # 1002862

 CH
 FH
 2025.01.27

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 FH
 2024.11.26

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2025.01.27

Client/Project Northern Health

Client/Project Logo

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Issued/Revision

File Name: N/A

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C BRITISH

UHN - Cardiac Diagnostic Services - Phase 3

1475 Edmonton St, Prince George, BC V2M 1S2

Title MECHANICAL LEGEND AND DRAWINGS LIST

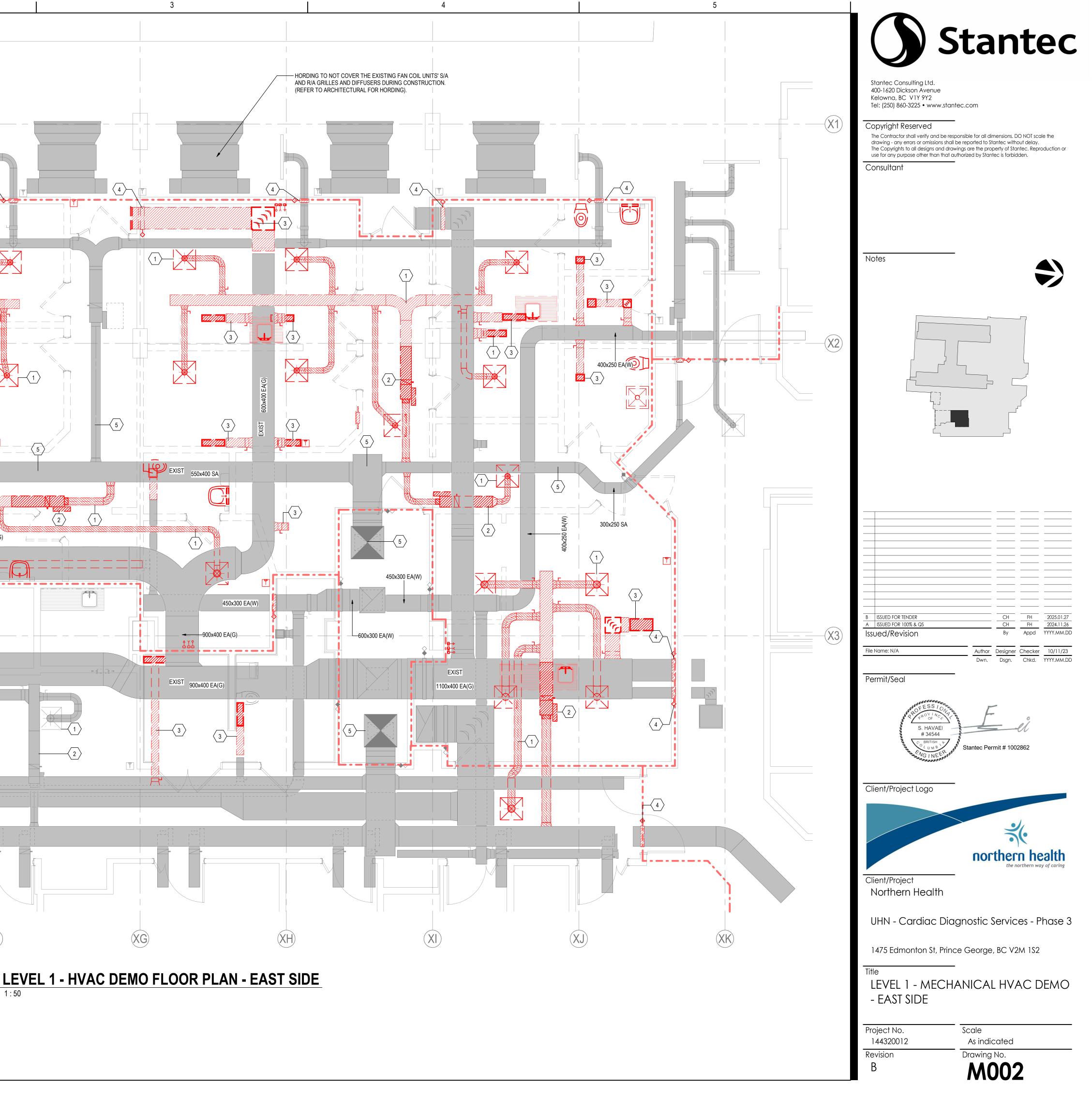
Project No. 144320012

Scale As indicated

Revision В

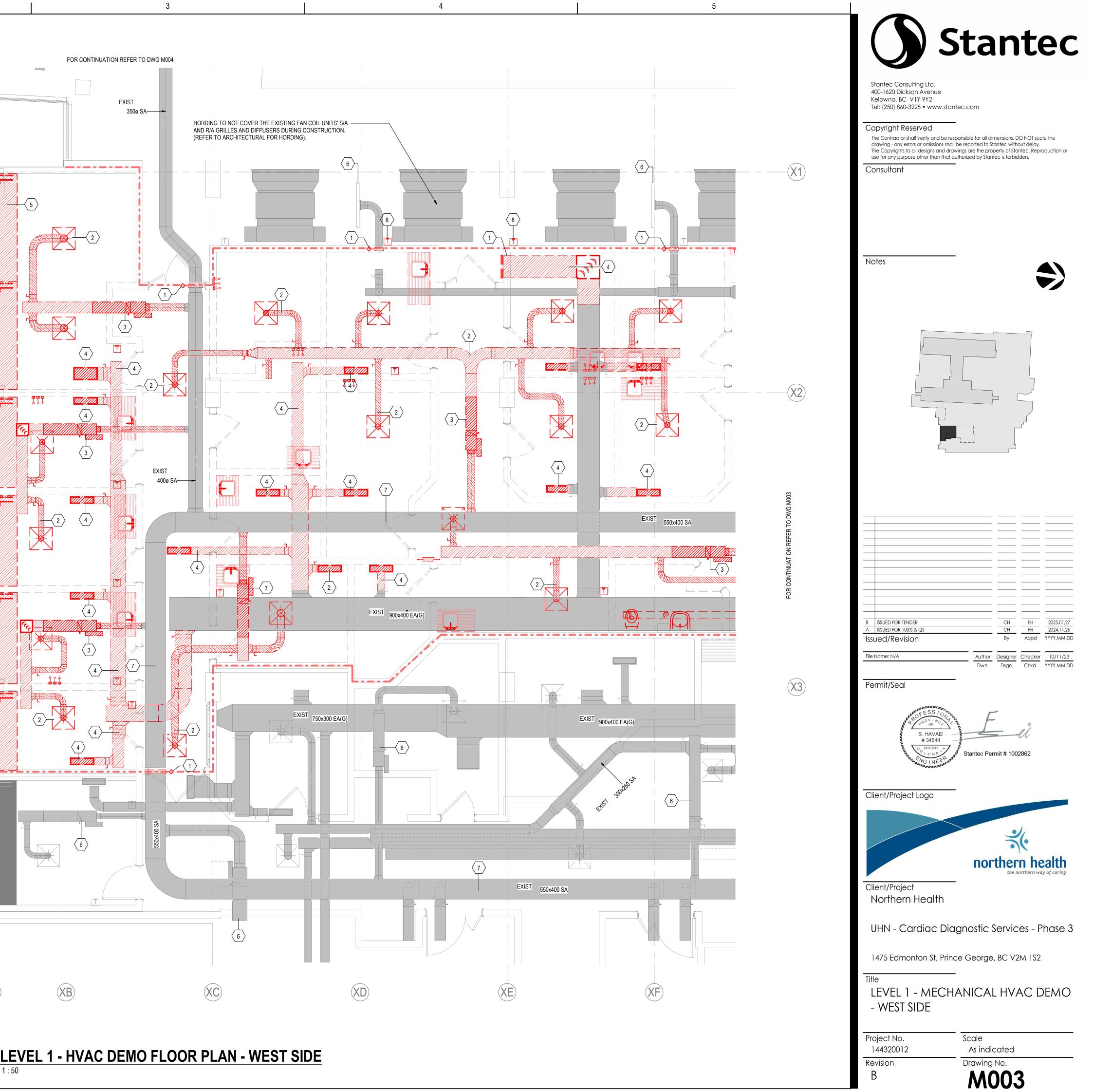


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D	PROJECT NORTH	<u>GENERAL NOTES:</u> 1. REFER TO ARCHITECTU	RAL DRAWINGS FOR EXISTING AND NEW	V FIRE SEPARATIONS.				
С		Key Value 1 2 3 4 5	MECHANICA DEMOLISH EXISTING DIFFUSERS AND A DUCTWORK. (TYPICAL). DEMOLISH EXISTING SUPPLY AIR VALVI DEMOLISH EXISTING EXHAUST AIR GRII FOR DUCTWORK. (TYPICAL). REPLACE EXISTING FIRE DAMPER WITH EXISTING SUPPLY AIR DUCT TO REMAIN	Keynote Text SSOCIATED SUPPLY AI E. LLES AND ASSOCIATED	EXHAUST DUCTWORK. PROVIDE C			
							FOR CONTINUATION REFER TO DWG M004	900x400 EA(G)
В								
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	PROJECT NORTH		
D	GENERAL NOTES: 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).		
С	 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). 		
В			
A			
krick location in Froject information> 1/22/2025 3:21:29 PM			XA
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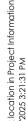
PROJECT NORTH

GENERAL NOTES:

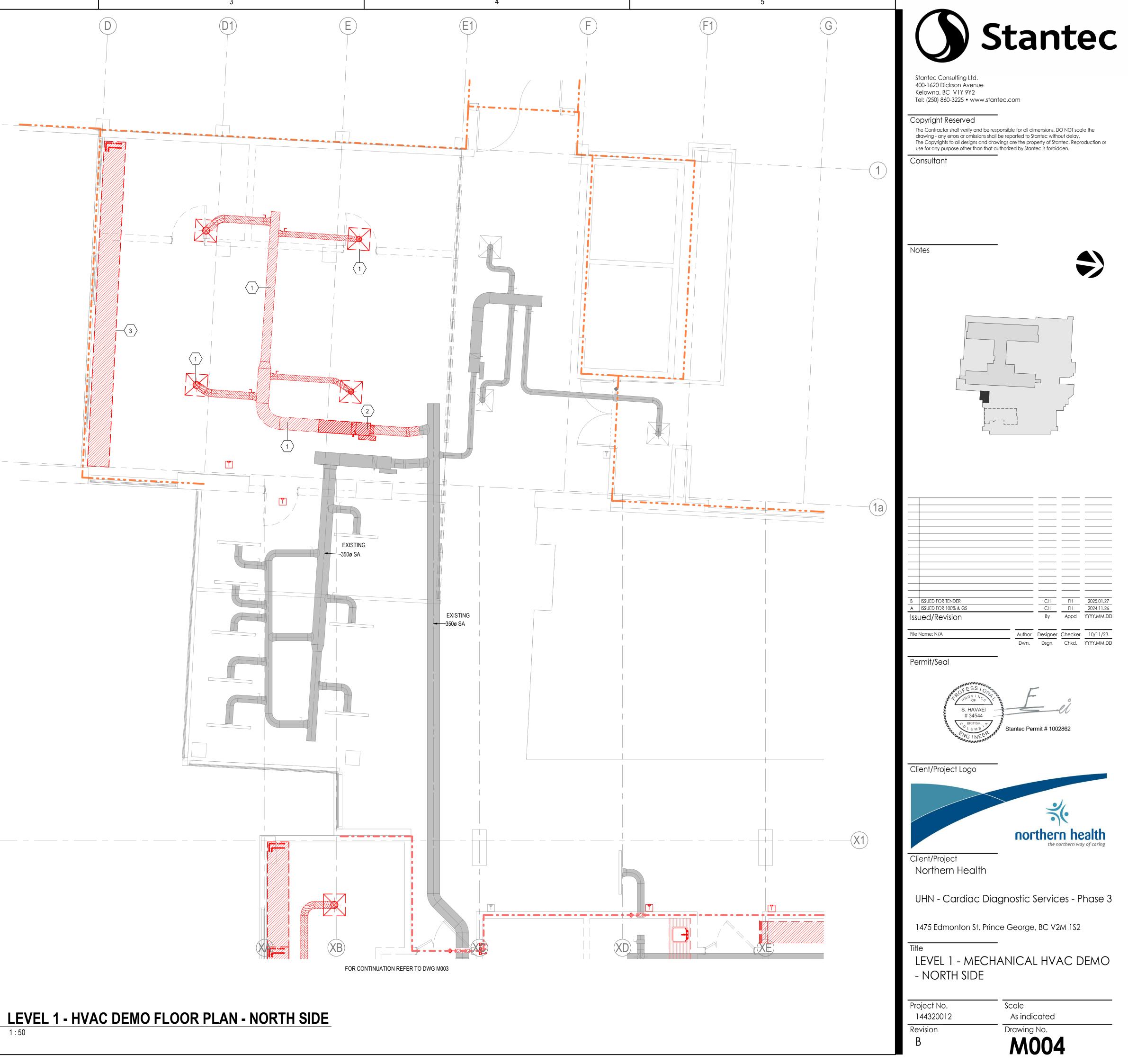
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

MECHANICAL KEYNOTES

	· · · · ·
Key Value	Keynote Text
1	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).









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	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.		

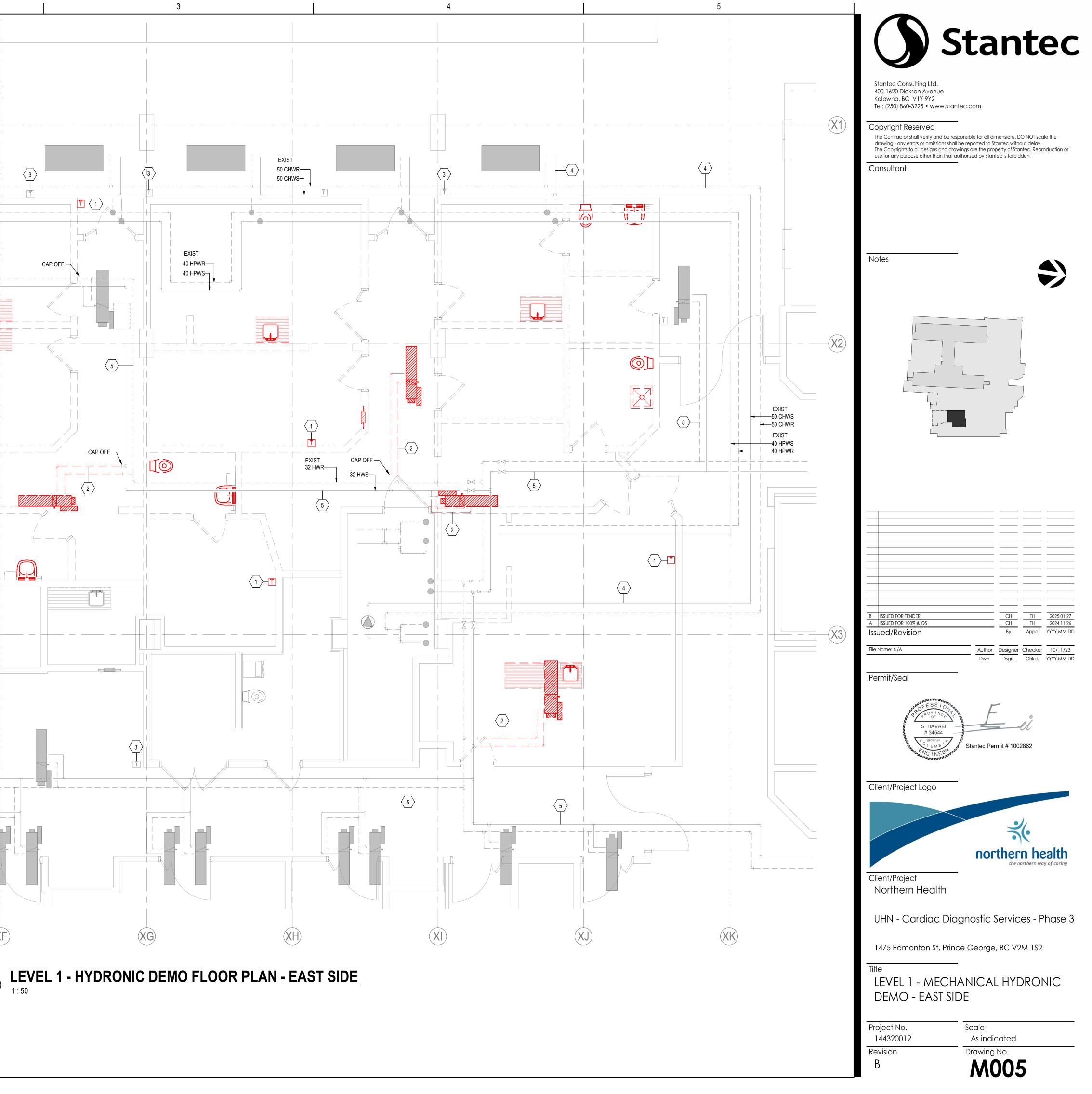


ORIGINAL SHEET - ARCH D



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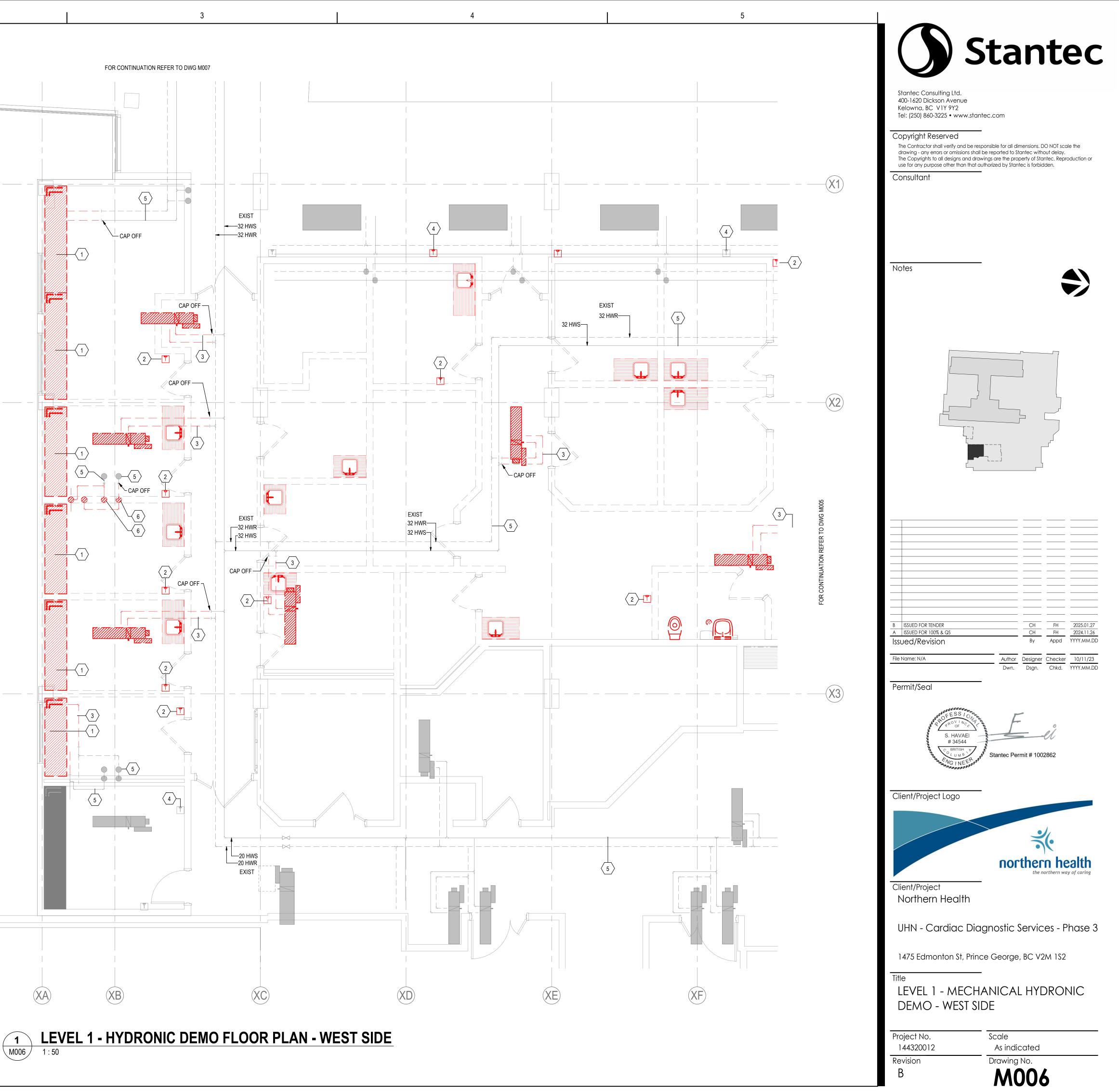


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D

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

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.		



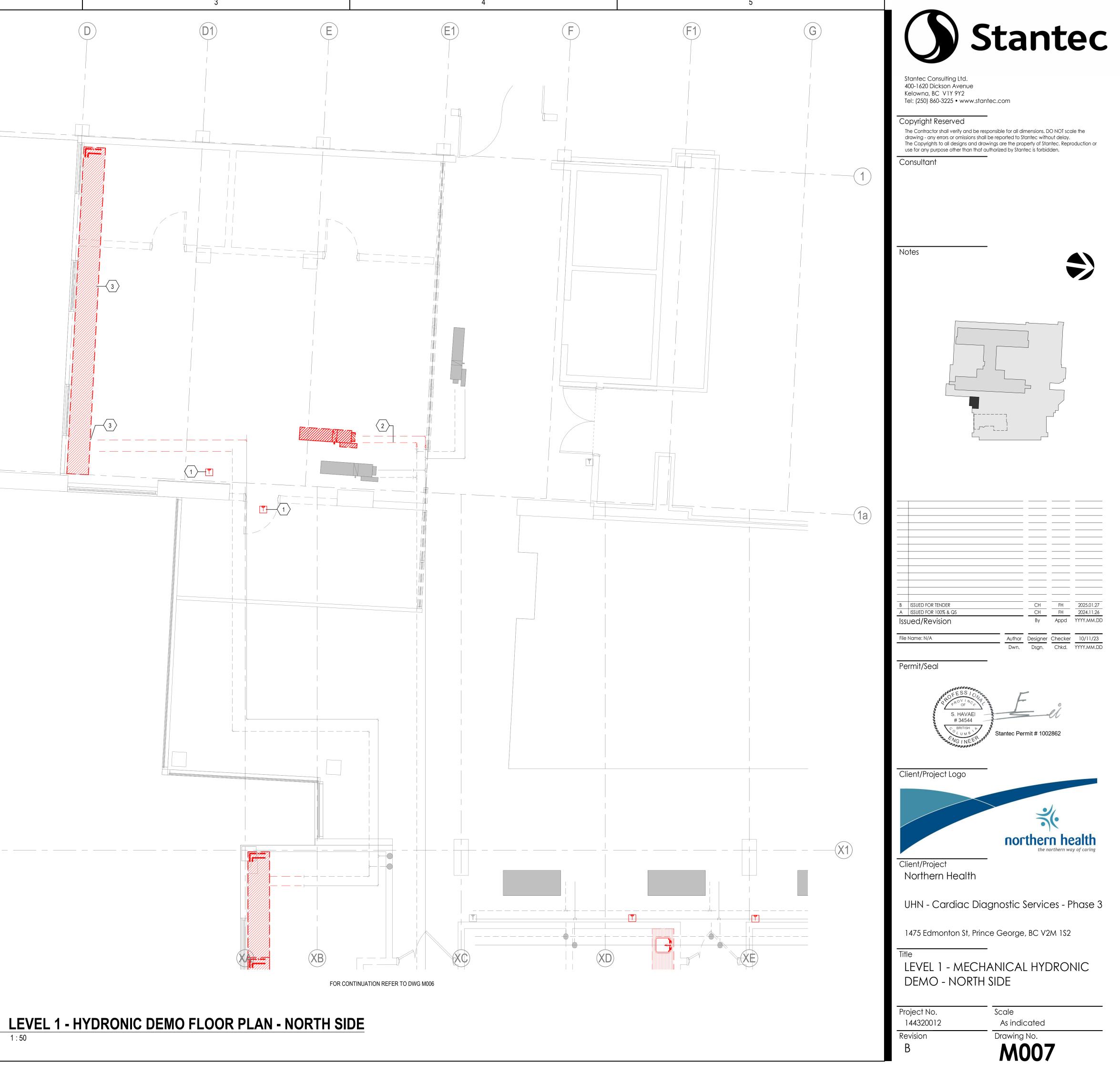
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

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).		











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

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

Key Value	Keynote Text
1	DEMOLISH EXISTING FLOOR DRAIN. CAP OF SAN DRAIN PIPE IN LEVEL BELOW.
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 ASSOCIATED 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.
6	DEMOLISH EXISTING JANITOR SINK AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING. PROVIDE CAP OFF.



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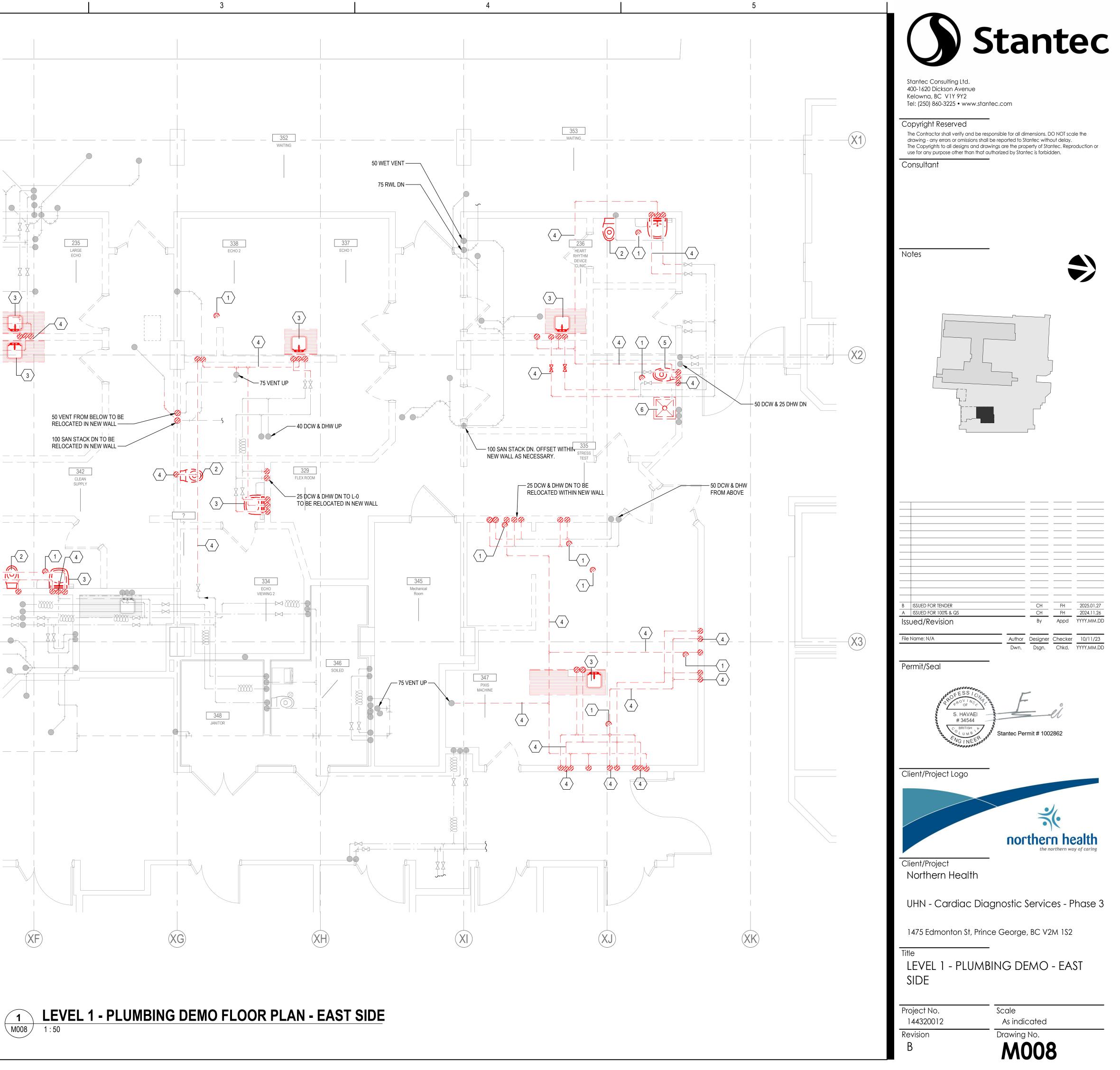
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ORIGINAL SHEET - ARCH D



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GENERAL NOTES:

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

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

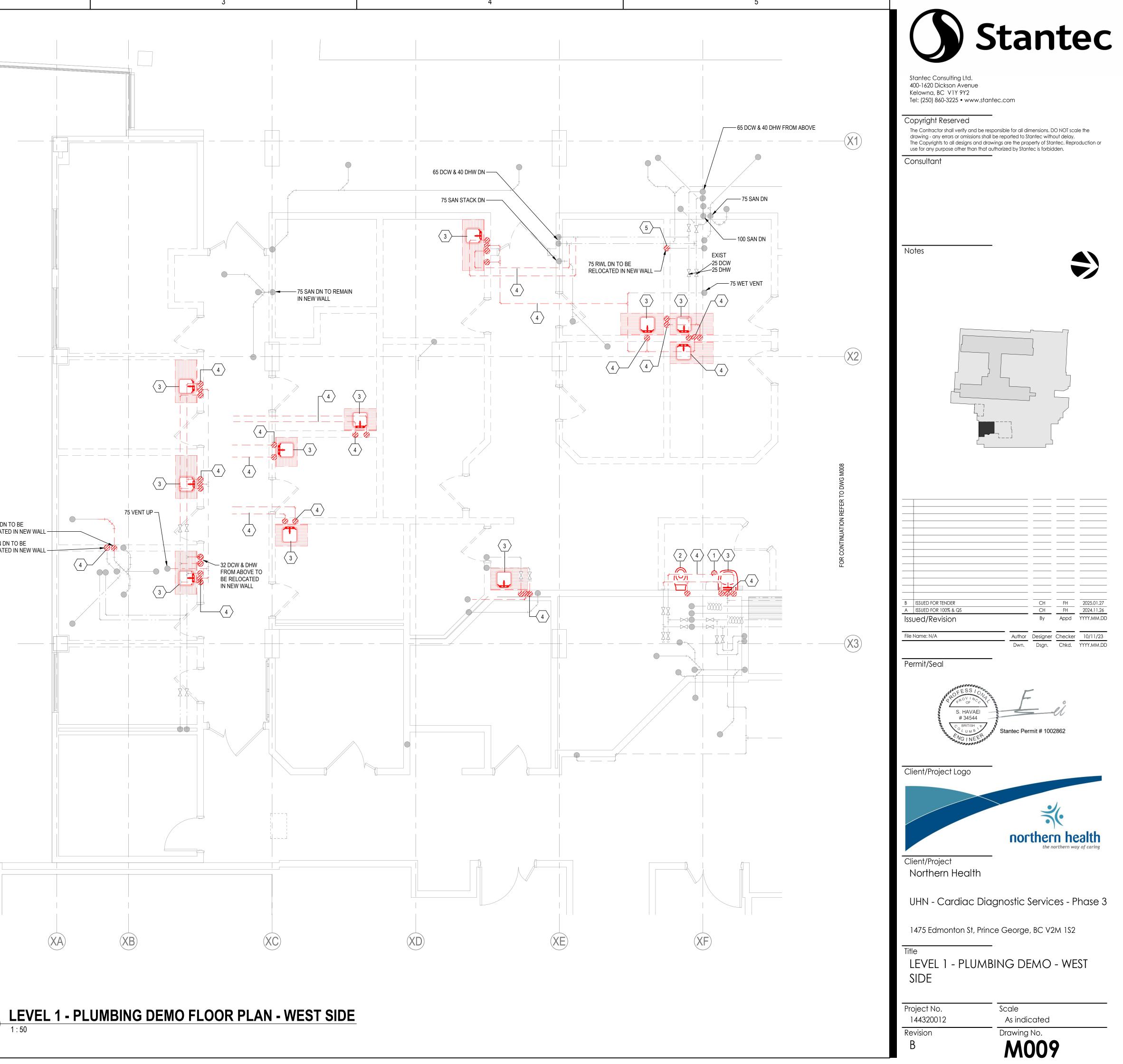
MECHANICAL KEYNOTES Key Value Keynote Text 1 DEMOLISH EXISTING FLOOR DRAIN. CAP OF SAN DRAIN PIPE IN LEVEL BELOW. DEMOLISH EXISTING WATER CLOSET AND ASSOCIATED DCW, SANITARY DRAIN AND VENT 2 PIPING. PROVIDE CAP OFF FOR PIPES. (TYPICAL). DEMOLISH EXISTING SINK AND ASSOCIATED DCW, DHW, SANITARY DRAIN AND VENT PIPING - 3 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.

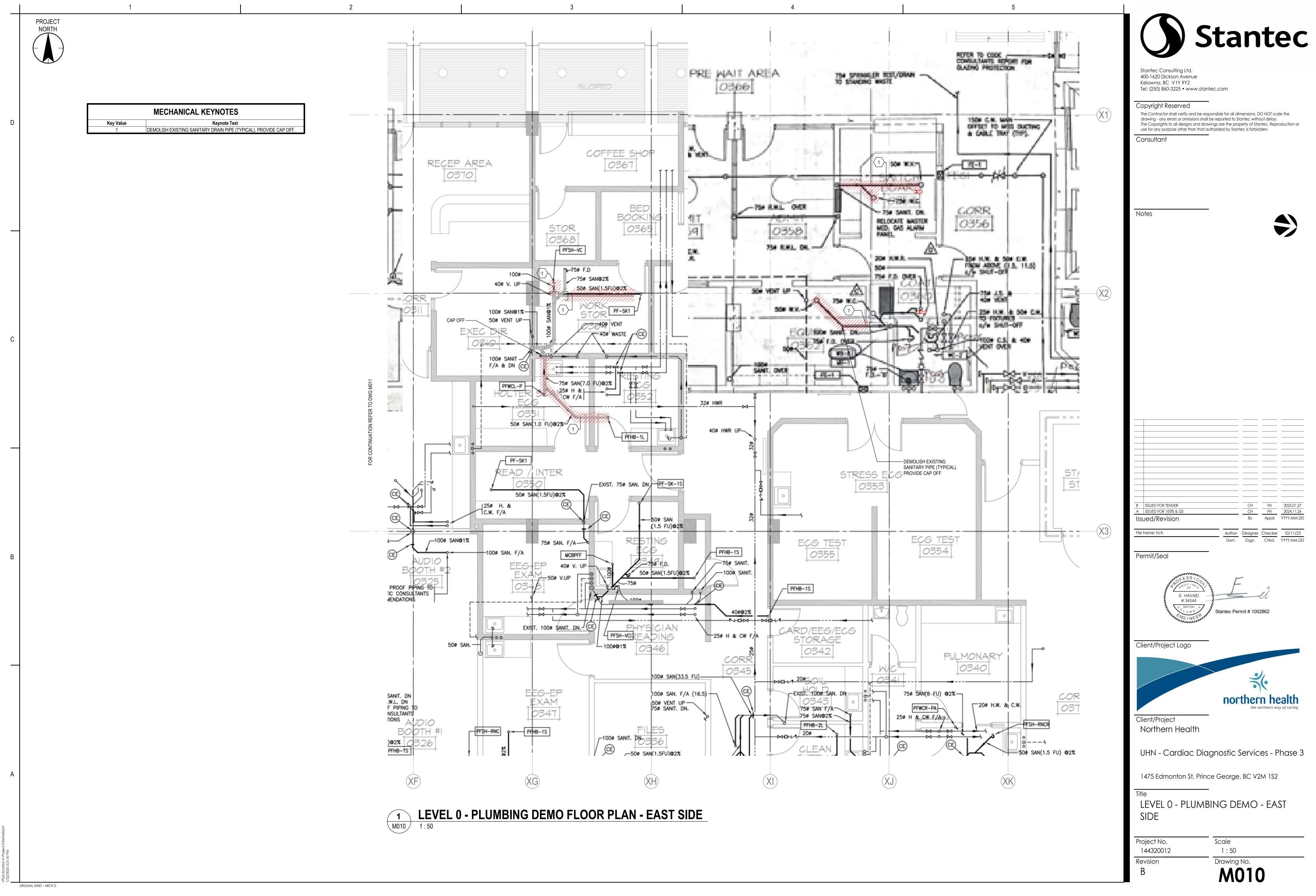
75 SAN DN TO BE RELOCATED IN NEW WALL 100 SAN DN TO BE RELOCATED IN NEW WALL

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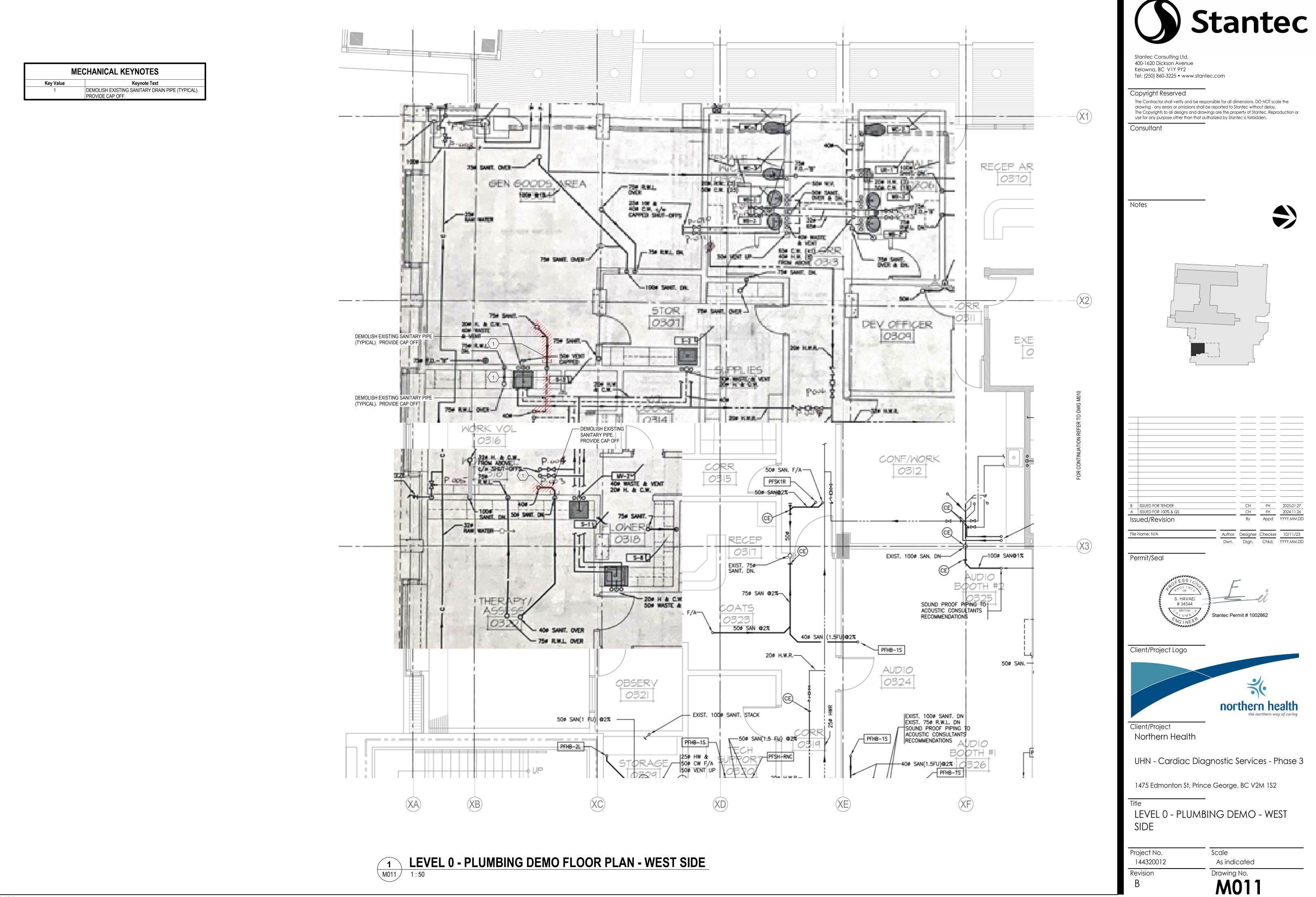
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MECHANICAL KEYNOTES				
Key Value	Keynote Text			
1	DEMOLISH EXISTING SANITARY DRAIN PIPE (TYPICAL). PROVIDE CAP OFF.			

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ORIGINAL SHEET - ARCH D

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PROJECT
NORTH

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

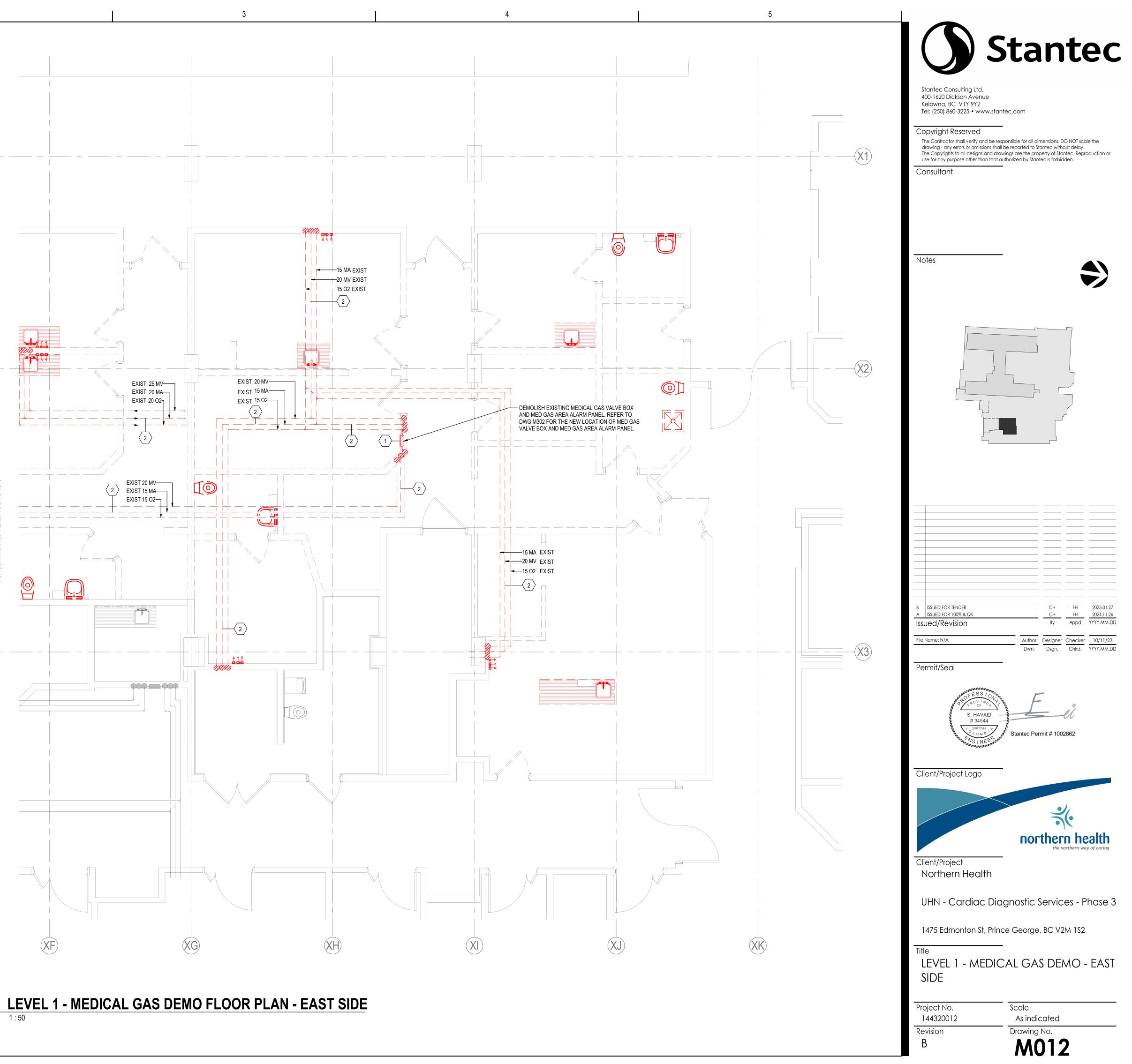
MECHANICAL KEYNOTES		
Key Value	Keynote Text	
1	DEMOLISH EXISTING MEDICAL GAS ZONE VALVE BOX AND MEDICAL GAS ALARM PANEL.	
2	DEMOLISH EXISTING OXYGEN, MEDICAL AIR AND MEDICAL VACUUM PIPES AND ASSOCIATED MEDICAL GAS OUTLETS. PROVIDE CAP OFF.	



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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.

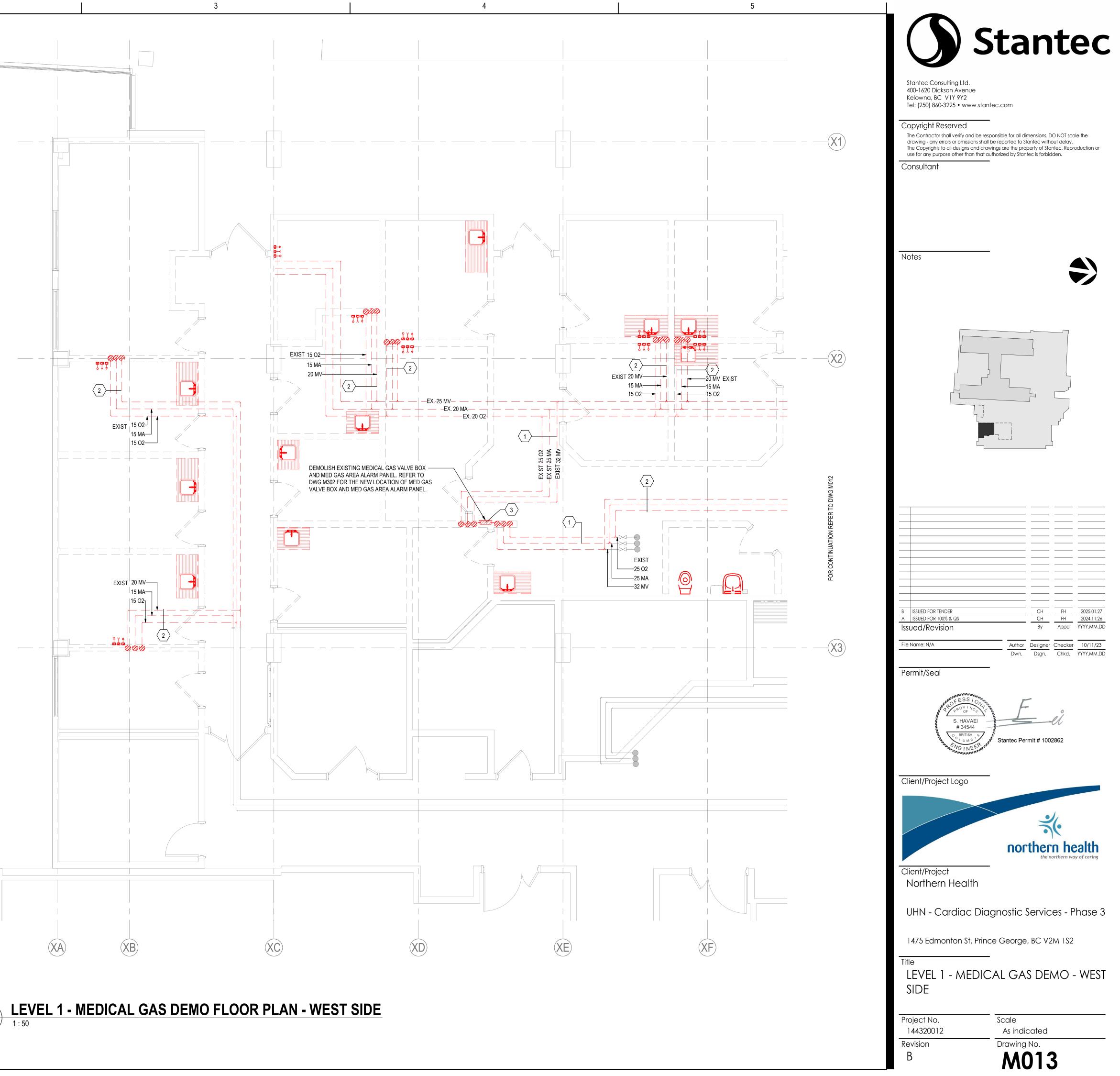












1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

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.

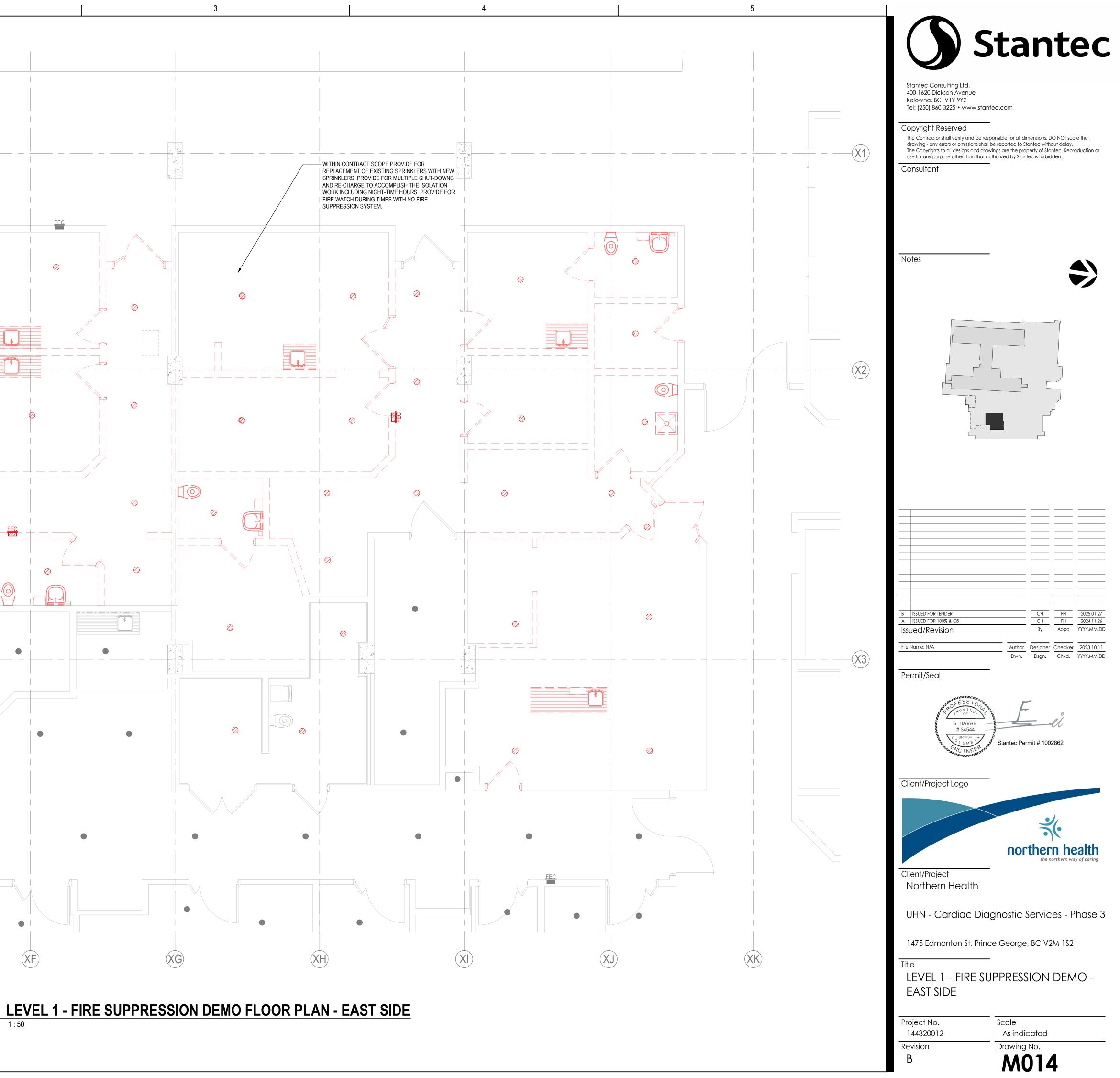
4. COORDINATE SHUT-DOWNS FOR FIRE PROTECTION SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.



ORIGINAL SHEET - ARCH D



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NORTH	

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GENERAL NOTES:

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

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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.

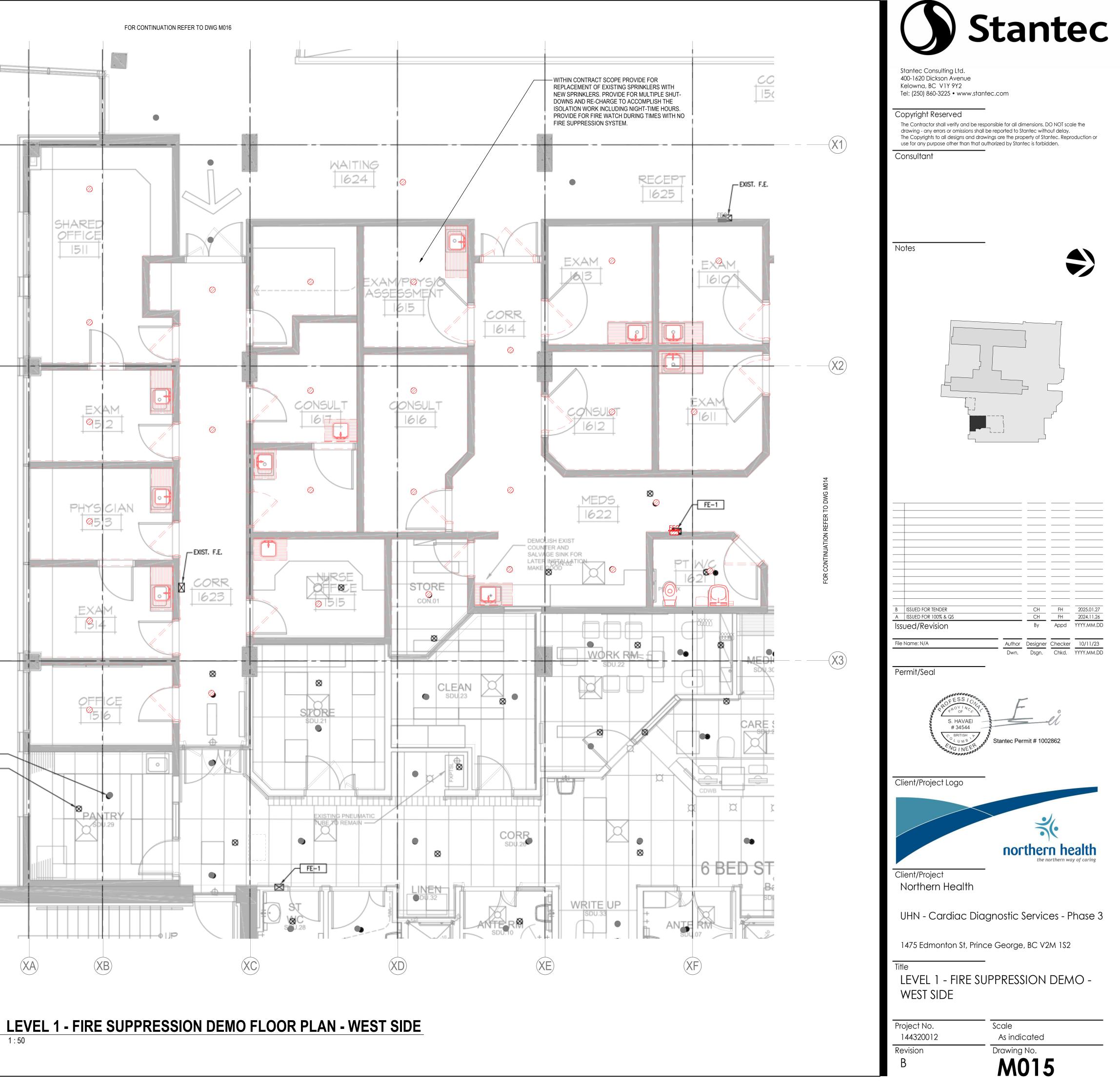
4. COORDINATE SHUT-DOWNS FOR FIRE PROTECTION SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.





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'RINKLER HEAD (TYP.)-



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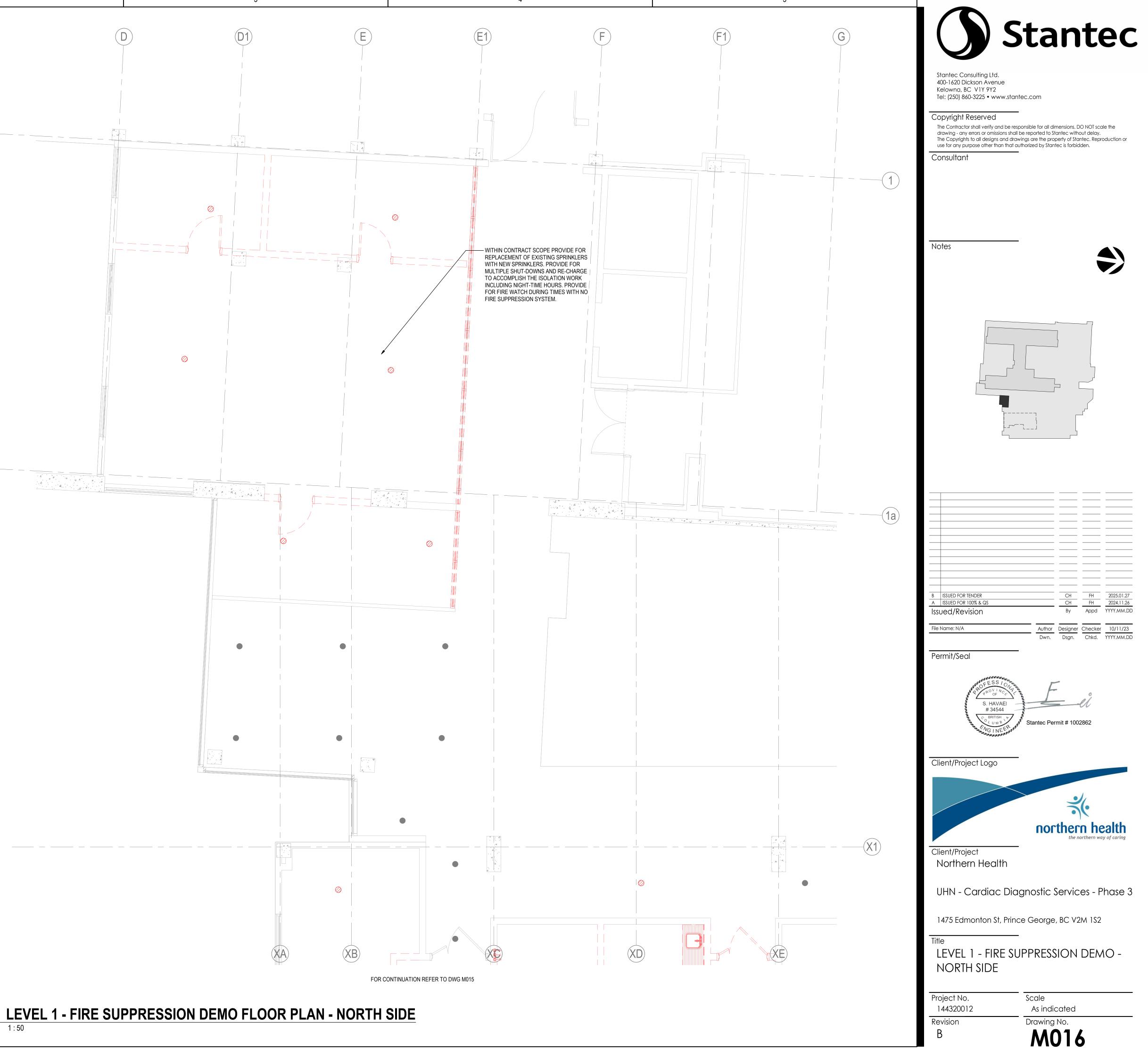
PROJECT	
NORTH	

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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238 HOLTER SCANNING 17.5 General-Officia III 24.0 m ² 25.0 m ² 86 m ² 21.0 m ² 87 m ² 21.0 m ² 87 m ² 21.0 m ² 87 m ² 21.0 m ² 22.0 m ² 22.m ² 21.0 m ² 22.m ²	44	88	0
239 E0G / HOLTER 3 16 Earn / Treatment (Doodr 5 Offee) 1 23.5 m² 9.6 m² Eq. 6 38 2 0 0 240 ECG / HOLTER 2 16 Exam / Treatment (Doodr 5 Offee) 11 7.5 m² 3.1 m² Eq. 2 4 0 0 0 0 250 ELCTRICAL ROM 0 17.1 Grand 2 2 m² 9.5 m² Eq. 6 38 2 0 0 0 316 HEATE EAM 1 16 Exam / Treatment (Doodr 5 Offee) 11 22 m² 9.5 m² Eq. 6 39 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18	18	0
239 EGG HUGZ TERS. 6 Earn Fieadment (Doodrs Office) 1 23.5 m ¹ 9.5 m ² Eq 6 39 2 0 0 240 EGG HUGZ TERS. 6 Earn Fieadment (Doodrs Office) 11 23.0 m ¹ Eq 6 38 2 0 0 0 250 ELECTRICAL ROOM 7.1 Garan Fieadment (Doodrs Office) 11 22.2 m ² 2.7 m ² 5.7 m ² Eq 6 38 2 0 0 0 370 HEART EXMA 16 Earn Fieadment (Doodrs Office) 11 22.2 m ² 9.5 m ² Eq 6 38 2 0 0 0 371 HEART EXMA 16 Earn Fieadment (Doodrs Office) 11 22.m ² 9.5 m ² Eq 6 43 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	56	0	0
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316 HEART EXAM3 16 Exam Treatment 1 22 m ² Eq 6 38 2 0 0 316 HEART EXAM2 18 Exam Treatment 1 22 m ² 9 m ² 5 m ² Eq 6 39 2 0 0 317 HEART EXAM1 18 Exam Treatment 10 23 m ² 9 m ² 5 m ² Eq 6 39 2 0 0 0 318 HEART EXAM4 16 Exam Treatment 10 210 m ² 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 </td <td>40</td> <td>40</td> <td>0</td>	40	40	0
316 HEART EXAM 3 16 Earn 1 12 22 17 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 13 13 13 14 13 22 13 13 14 13 12 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14	0	0	0
interm interm<	40	40	0
317 HEART EXAM 1 16 Exam / Transment (Doodr's Offices) 1 232 m ² 9 5 m ² Eq 6 39 2 0 0 318 HEART EXAM 4 16 Exam / Trestment (Doodr's Offices) 1 0.8 m ² Eq 6 43 2 0 0 319 CLINICAL EDUCATION CENTRE 17.2 Resourd - Conference foor 11 1.7 m ² Eq 3 35 1 0 0 0 221 CORRIDOR 8 Contor 11 1.7 m ² Eq 3 35 1 0 0 0 222 STAFF ROOM 17.4 General - Officer 11 0.8 dist 10.8 m ² 3 17.7 Resource 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40	40	0
318 FEART EXAM 16 Sem Trestment (Docts' Office) 1 26 m² 10 m² Eq. 6 and 43 m² 2 m³ 0 m³ 0 319 CLNUCAL EDUCATION DENTER 172 General-Conference Rom 11 41.9 m² 17.1 m² Eq. 3 35 1 0 0 0 221 CARLDOR 8 Contdor 11 4.9 m² 17.1 m² Eq. 3 47 1 3 0 222 STAF RODM 17.4 General-Office 11 2.6 m² 10.8 m² Eq. 6 44 2 0 0 0 227 TEAM LEADS 7.5 General-Office 11 2.4 m² 13.7 m² Pas 16.0 33 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40	40	0
319 CLINICAL EDUCATION CENTRE 17.2 Central - Conference Recom III 76.8 m² 31.5 m² Neg 10 213 0 0 0 321 CORRIDOR 8 Conidor III 41.9 m² 17.1 m² Eq. 3 35 1 0 0 322 STAFF ROOM 17.4 General - Locker room III 65.5 m² 16.8 m² Neg 3 47 1 3 0 323 EC07 / HOLTER1 16 Exam / Treatment (Doctor's Offees) III 23.3 m² 10.8 m² Eq. 6 44 2 0 0 0 326 EC07 / HOLTER1 16 Exam / Treatment (Doctor's Offees) III 23.9 m² Eq. 3 21 1 0 0 0 327 TEAM LEADS 16 Exam / Treatment (Doctor's Offees) III 10.2 m² 3.8 m² Eq. 6 40 2 0 0 331 EXAM S 16 Exam / Treatment (Doctor's Offees) III 15.1 m² 6.8 m² 13 1 0	44	44	0
221 CORRDOR 6 Coridor II 4 19 m² 17.1 m² Eq. 3 35 1 0 0 222 STAFF ROOM 17.4 General - Locker room III 56.5 m² 18.6 m² Neg 3 47 1 3 0 326 ECG / HOLTER 1 16 Exam / Treatment II 26.3 m² 10.8 m² Eq. 6 44 2 0 0 0 327 TEAM LEADS 17.5 General - Office III 24.9 m² 10.2 m² Eq. 3 21 1 0 0 0 330 EXAM 5 16 Exam / Treatment II 23.9 m² 9.8 m² Eq. 6 40 2 0 0 331 EXAM 6 16 Exam / Treatment II 23.9 m² 8.m² Eq. 3 13 1 0 0 0 0 0 0 0 0 0 0 0	180	216	0
322 STAFF ROOM 17.4 General-Locker room III 56.5 m ³ 18.6 m ² Neg 3 47 1 3 0 328 ECG / HOLTER 1 16 Exam Treatment (Dodor's Offices) II 26.3 m ³ 10.8 m ³ Eq 6 44 2 0 0 329 FLEX ROOM 25.1 Minor Surgical Procedure-General I 33.3 m ³ 13.7 m ³ Pes 15 139 5 0 0 330 EXAM 5 16 Exam / Treatment Procedure-General II 23.9 m ³ 9.8 m ³ Eq 6 40 2 0 0 331 EXAM 6 16 Exam / Treatment (Dodor's Offices) II 10.6 m ³ 4.3 m ³ Eq 6 40 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
326 ECG / HOLTER 1 16 Exam / Treatment (Docdor's Offices) II 26.3 m ² Eq 6 44 2 0 0 327 TEAM LEADS 17.5 General - Office III 24.9 m ² Eq 3 21 1 0 0 329 FLEX ROOM 25.1 Minor Surgical Procedure - General I 33.3 m ² 13.7 m ² Pos 15 139 5 0 0 330 EXAM 5 16 Exam / Treatment (Docdor's Offices) II 23.9 m ² 9.8 m ² Eq 6 40 2 0 0 0 331 EXAM 6 16 Exam / Treatment (Docdor's Offices) II 10.6 m ² 4.3 m ² Neg 0 0 0 0 0 0 0 334 ECHO VIEWING 2 17.5 General - Office III 15.1 m ² 6.3 m ² Eq 6 257 2 0 0 0 335 STRESS TEST <	35 0	35 0	0
227 TEAM LEADS 17.5 General - Office III 24.9 m ³ 10.2 m ² Eq. 3 21 1 0 0 329 FLEX ROOM 25.1 Minor Surgical Procedure - General I 33.3 m ³ 13.7 m ² Pos 15 139 5 0 0 330 EXAM 5 16 Exam / Treatment (Doctor's Offices) II 23.9 m ³ 9.8 m ² Eq 6 40 2 0 0 331 EXAM 6 16 Exam / Treatment (Doctor's Offices) II 0.6 m ³ 4.3 m ² Neg 0 0 0 9 0 333 STAFF WC 29 Patient Washnooms, Noilet rooms II 15.4 m ³ 6.2 m ² Eq 3 13 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	45	45	0
329 FLEX ROOM 25.1 Minor Surgical Procedure - General Procedure - General 13.3 m ² 13.7 m ² Pos 15 139 5 0 0 330 EXAM 5 16 Exam / Treatment (Doctor's Offices) II 23.9 m ² 9.8 m ² Eq 6 40 2 0 0 331 EXAM 6 16 Exam / Treatment (Doctor's Offices) II 10.6 m ² 4.3 m ² Neg 6 40 2 0 0 333 STAFF WC 29 Patient Washrooms, tolic trooms II 10.6 m ² 4.3 m ² Neg 0 0 0 9 0 334 ECHO VIEWING 2 17.5 General - Office III 15.4 m ³ 63.3 m ² Eq 3 13 1 0 0 0 335 STRESS TEST 16 Exam / Treatment (Doctor's Offices) II 27.6 m ³ 11.3 m ³ Eq 6 46 2 0 0 340 EXAM 4 <	40	40	0
330 EXAM 5 16 Exam / Treatment (Doctor's Offices) II 23.9 m ³ 9.8 m ³ Eq 6 40 2 0 0 331 EXAM 6 16 Exam / Treatment (Doctor's Offices) II 0.6 m ³ 9.8 m ³ Eq 6 40 2 0 0 0 333 STAFF WC 29 Patient Washrooms, toiler coms II 10.6 m ³ 4.3 m ³ Neg 0 0 0 9 0 334 ECHO VIEWING 2 17.5 General - Office III 15.1 m ³ 6.2 m ³ Eq 3 13 0 0 0 335 STRESS TEST 16 Exam / Treatment (Doctor's Offices) II 154.3 m ³ 63.3 m ² Eq 6 46 2 0 0 0 336 ECHO 1 16 Exam / Treatment (Doctor's Offices) II 27.5 m ³ 11.3 m ² Eq 6 41 2 0 0 0 340	140	105	0
SAM 6 16 Exam / Treatment (Doctor's Offices) II 23.9 m ³ A 3 m ² Eq 6 40 2 0 0 333 STAFF WC 29 Patent Washrooms, fuller rooms II 10.6 m ³ 4.3 m ² Neg 0 0 0 9 0 334 ECHO VIEWING 2 17.5 General - Office III 15.1 m ² 6.2 m ² Eq 3 13 1 0 0 335 STRESS TEST 16 Exam / Treatment (Doctor's Offices) II 27.6 m ² 11.3 m ² Eq 6 257 2 0 0 0 336 ECHO 1 16 Exam / Treatment (Doctor's Offices) II 27.6 m ² 11.3 m ² Eq 6 46 2 0 0 0 337 ECHO 1 16 Exam / Treatment (Doctor's Offices) II 24.4 m ² 10.0 m ² Eq 6 41 2 0 0 0 340 EXAM 2 16 <td>40</td> <td>40</td> <td>0</td>	40	40	0
333 STAFF WC 29 Patient Washrooms, Iole I rooms II 10.6 m ² 4.3 m ² Neg 0 0 0 9 0 334 ECHO VIEWING 2 17.5 General - Office III 15.1 m ³ 6.2 m ² Eq 3 13 1 0 0 335 STRESS TEST 16 Exam / Treatment (Doctor's Offices) II 14.3 m ³ 63.3 m ² Eq 6 257 2 0 0 0 337 ECHO 1 16 Exam / Treatment (Doctor's Offices) II 27.5 m ³ 11.3 m ² Eq 6 46 2 0 0 0 338 ECHO 2 16 Exam / Treatment (Doctor's Offices) II 24.4 m ³ 10.0 m ² Eq 6 41 2 0 0 0 340 EXAM 4 16 Exam / Treatment (Doctor's Offices) III 24.4 m ³ 10.0 m ² Eq 6 11 0 0 0 0 0	45	45	0
334 ECHO VIEWING 2 17.5 General - Office III 15.1 m³ 6.2 m² Eq 3 13 1 0 0 335 STRESS TEST 16 Exam / Treatment (Doctor's Offices) II 154.3 m³ 63.3 m² Eq 6 257 2 0 0 0 337 ECHO 1 16 Exam / Treatment (Doctor's Offices) II 27.5 m³ 11.3 m² Eq 6 46 2 0 0 0 338 ECHO 2 16 Exam / Treatment (Doctor's Offices) II 27.5 m³ 11.3 m² Eq 6 46 2 0 0 0 340 EXAM 4 16 Exam / Treatment (Doctor's Offices) II 24.4 m³ 10.0 m² Eq 6 41 2 0 0 0 341 EXAM 2 16 Exam / Treatment (Doctor's Offices) III 21.5 m³ 8.8 m² Pos 6 36 2 0 0 0	0	30	0
335 STRESS TEST 16 Exam / Treatment (Doctor's Offices) II 154.3 m ³ 63.3 m ² Eq 6 257 2 0 0 337 ECH0 1 16 Exam / Treatment (Doctor's Offices) II 27.6 m ³ 11.3 m ² Eq 6 46 2 0 0 338 ECH0 2 16 Exam / Treatment (Doctor's Offices) II 27.5 m ³ 11.3 m ² Eq 6 46 2 0 0 340 EXAM 4 16 Exam / Treatment (Doctor's Offices) II 24.4 m ³ 10.0 m ² Eq 6 41 2 0 0 341 EXAM 2 16 Exam / Treatment (Doctor's Offices) II 24.3 m ³ 10.0 m ² Eq 6 41 2 0 0 342 CLEAN SUPPLY 7.2 Cinsupport - Clean Utility II 205.8 m ³ 84.5 m ² Eq 3 171 1 0 0 345 Mechanical Room	30	0	0
337 ECHO 1 16 Exam / Treatment (Doctor's Offices) II 27.6 m³ 11.3 m² Eq 6 46 2 0 0 338 ECHO 2 16 Exam / Treatment (Doctor's Offices) II 27.5 m³ 11.3 m² Eq 6 46 2 0 0 340 EXAM 4 16 Exam / Treatment (Doctor's Offices) II 24.4 m³ 10.0 m² Eq 6 41 2 0 0 0 341 EXAM 2 16 Exam / Treatment (Doctor's Offices) II 24.3 m³ 10.0 m² Eq 6 41 2 0 0 0 342 CLEAN SUPPLY 7.2 Clin Support - Clean (Distory Offices) III 21.5 m³ 8.8 m² Pos 6 36 2 0 0 0 343 CORRIDOR 8 Corridor III 20.5 m³ 84.5 m² Eq 3 171 1 0 0 0 345 Mechanical Room (none) 35.8 m³ 14.7 m² Eq 3 10 1	264	264	0
338ECHO 216Exam / Treatment (Doctor's Offices)II 27.5 m^3 11.3 m^2 Eq646200340EXAM 416Exam / Treatment (Doctor's Offices)II 24.4 m^3 10.0 m^2 Eq641200341EXAM 216Exam / Treatment (Doctor's Offices)II 24.3 m^3 10.0 m^2 Eq641200342CLEAN SUPPLY7.2Clin Support - Clean UtilityIII 21.5 m^3 8.8 m^2 Pos636200343CORRIDOR8CorridorIII 205.8 m^3 84.5 m^2 Eq3171100345Mechanical Room(none)35.8 \text{ m}^3 14.7 m^2 770100346SOILED7.1Clin Support - Soiled UtilityIII 205.8 m^3 14.7 m^2 7700347PIXIS MACHINE7.2Clin Support - Soiled UtilityIII 205.8 m^3 16.7 m^2 730100348JANITOR19Janitor ClosetIII 12.9 m^3 5.3 m^2 Pos621200349PUBLIC WCIn (none)11.4 \text{ m}^3 4.7 m^2 InInInInInInInInIn349PUBLIC WCIn (none)Red	50	50	0
340EXAM 416Exam / Treatment (Doctor's Offices)II 24.4 m³ 10.0 m²Eq6 41 200341EXAM 216Exam / Treatment (Doctor's Offices)II 24.3 m³ 10.0 m²Eq6 41 200342CLEAN SUPPLY7.2Clin Support - Clean UtilityIII 21.5 m³ 8.8 m²Pos636200343CORRIDOR8CorridorIII 205.8 m³ 84.5 m²Eq3171100343Mechanical Room(none) 35.8 m³ 14.7 m² 2 2 0 00346SOILED7.1Clin Support - Soiled UtilityIII 26.4 m³ 10.8 m²Neg10730100347PIXIS MACHINE7.2Clin Support - Soiled UtilityIII 12.9 m³ 5.3 m²Neg104500348JANITOR19Janitor ClosetIII 16.2 m³ 6.6 m²Neg10450100349PUBLIC WC(none)(none)Redundant SpaceRedundant SpaceRedundant SpaceRedundant SpaceIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	50	50	0
341EXAM 216Exam / Treatment (Doctor's Offices)II24.3 m³10.0 m²Eq641200342CLEAN SUPPLY7.2Clin Support - Clean UtilityIII21.5 m³8.8 m²Pos636200343CORRIDOR8CorridorIII205.8 m³84.5 m²Eq3171100345Mechanical Room(none)35.8 m³14.7 m²1000346SOILED7.1Clin Support - Soiled UtilityIII26.4 m³10.8 m²Neg10730100347PIXIS MACHINE7.2Clin Support - Clean UtilityIII12.9 m³5.3 m²Pos621200348JANITOR19Janitor ClosetIII16.2 m³6.6 m²Neg10450100349PUBLIC WC(none)11.4 m³4.7 m²IIIIIIII349PUBLIC WC(none)(none)Redundant SpaceRedundant SpaceIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII <td>45</td> <td>45</td> <td>0</td>	45	45	0
342 CLEAN SUPPLY 7.2 Clin Support - Clean Utility III 21.5 m³ 8.8 m² Pos 6 36 2 0 0 343 CORRIDOR 8 Corridor III 205.8 m³ 84.5 m² Eq 3 171 1 0 0 345 Mechanical Room (none) 35.8 m³ 14.7 m² 1 0 0 346 SOILED 7.1 Clin Support - Soiled Utility III 26.4 m³ 10.8 m² Neg 10 73 0 10 0 347 PIXIS MACHINE 7.2 Clin Support - Clean Utility III 16.2 m³ 5.3 m² Pos 6 21 2 0 0 348 JANITOR 19 Janitor Closet III 16.2 m³ 6.6 m² Neg 10 45 0 10 0 349 PUBLIC WC (none) 11.4 m³ 4.7 m² 14 14 14 14 14 14 14 14 14 14 14 14 14 <td>45</td> <td>45</td> <td>0</td>	45	45	0
343 CORRIDOR 8 Corridor III 205.8 m³ 84.5 m² Eq 3 171 1 0 0 345 Mechanical Room (none) 35.8 m³ 14.7 m²	65	45	0
345Mechanical Room(none)35.8 m³14.7 m²Image: Construction of the	170	170	0
Image: series of the series	0	0	0
UtilityUtilityImage: Constraint of the state of t	0	73	0
349 PUBLIC WC (none) 11.4 m³ 4.7 m² 349 PUBLIC WC (none) Redundant Space Redundant Space	60	40	0
349 PUBLIC WC (none) Redundant Space Redundant Space	0	45	0
	0	30 0	0 0
350 REGISTRATION 17.6 General - Admitting III 37.2 m³ 15.3 m² Neg 6 62 2 0 0 Grand total: 38 206 2132	0 2007	0 2068	0

4



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Consultant

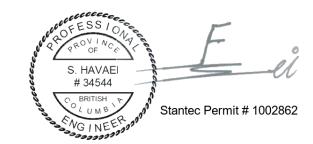
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Notes



В	ISSUED FOR TENDER		CH	FH	2025.01.27
А	ISSUED FOR 100% & QS		CH	FH	2024.11.26
lssu	Jed/Revision		Ву	Appd	YYYY.MM.DD
File I	Name: N/A	Author	Designer	Checker	10/11/23
		Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Permit/Seal



Client/Project Logo



Client/Project 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 В



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



ORIGINAL SHEET - ARCH D

D



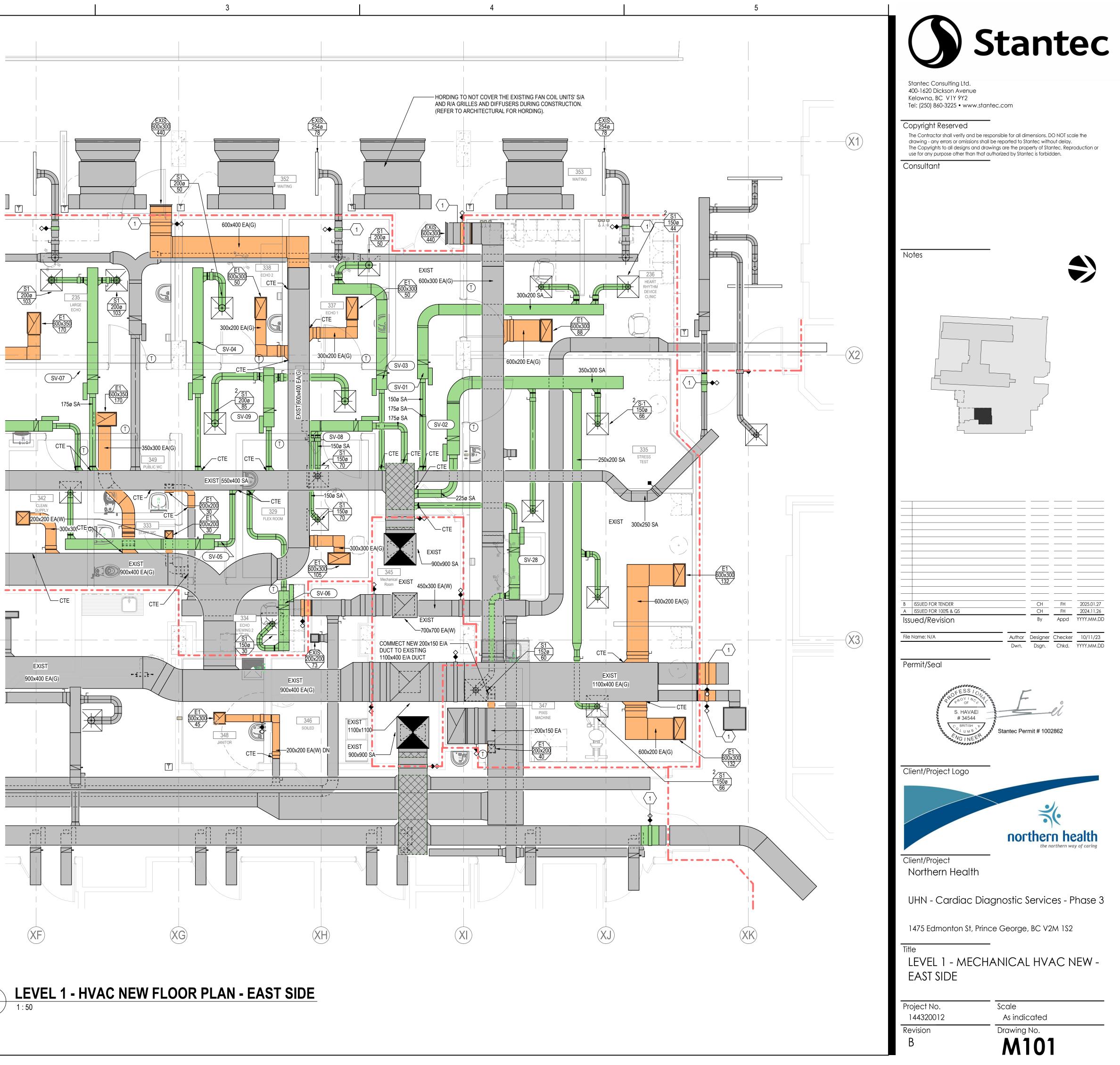
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northern health the northern way of caring

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D

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.

2

S1 150ø 28

S1 150ø 45

S1 150ø 40

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M102 1 : 50

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.

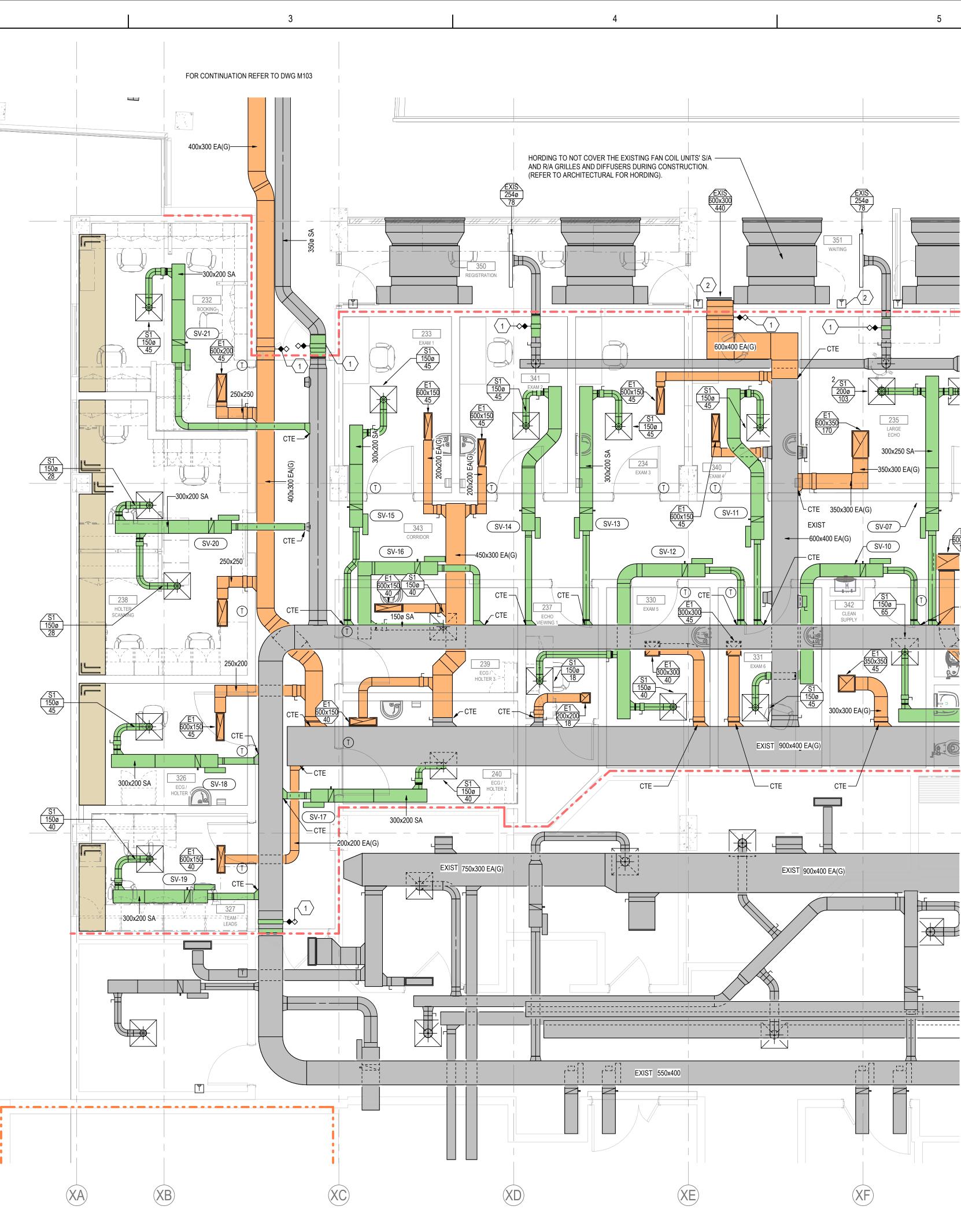
4. REBALANCE EXISTING REMAINED DIFFUSERS/ GRILLES TO AIRFLOW SHOWN. (TYPICAL).

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

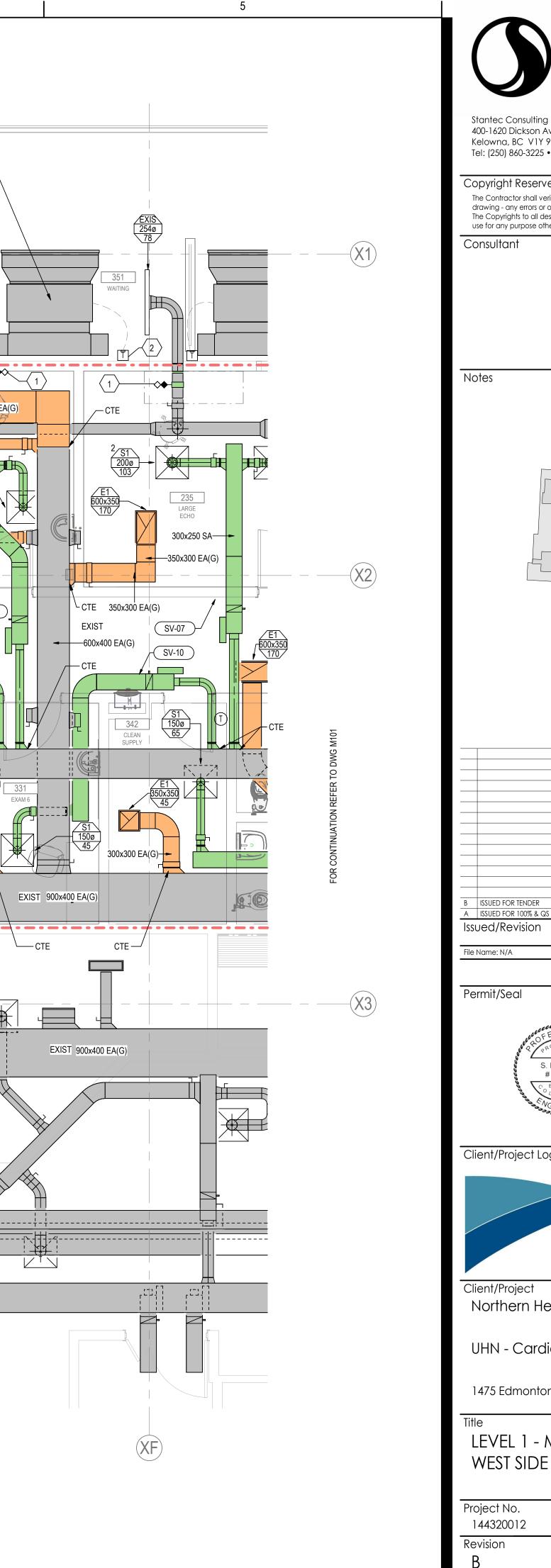
MECHANICAL KEYNOTES				
Key Value	Keynote Text			
1	REPLACE EXISTING FIRE DAMPER WITH NEW SMOKE/FIRE COMBI DAMPERS.(TYPICAL).			
2	RELOCATE THERMOSTAT (TEMPERATURE SENSOR).			

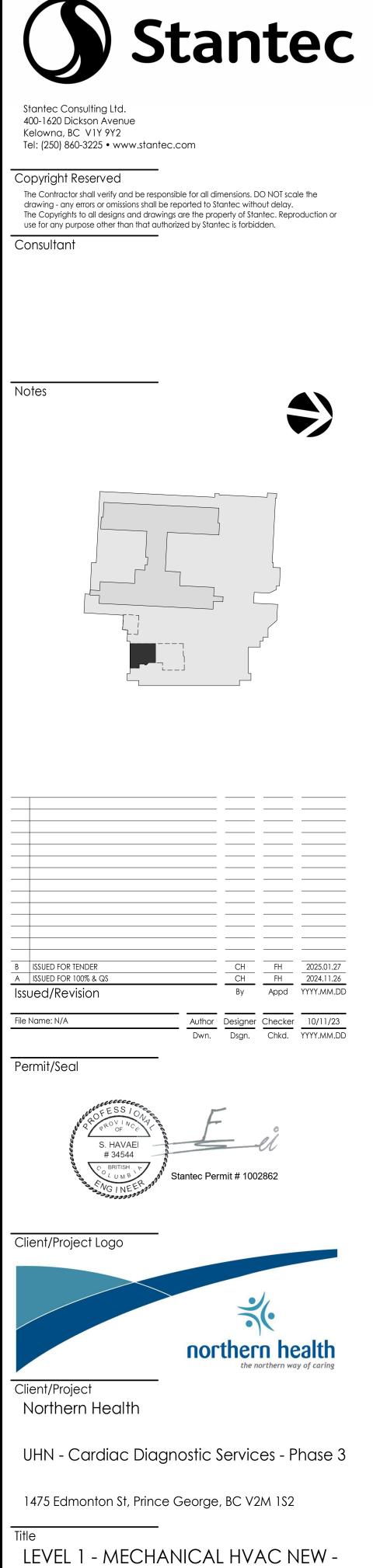


ORIGINAL SHEET - ARCH D



LEVEL 1 - HVAC NEW FLOOR PLAN - WEST SIDE





144320012

Scale As indicated

Drawing No.



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.

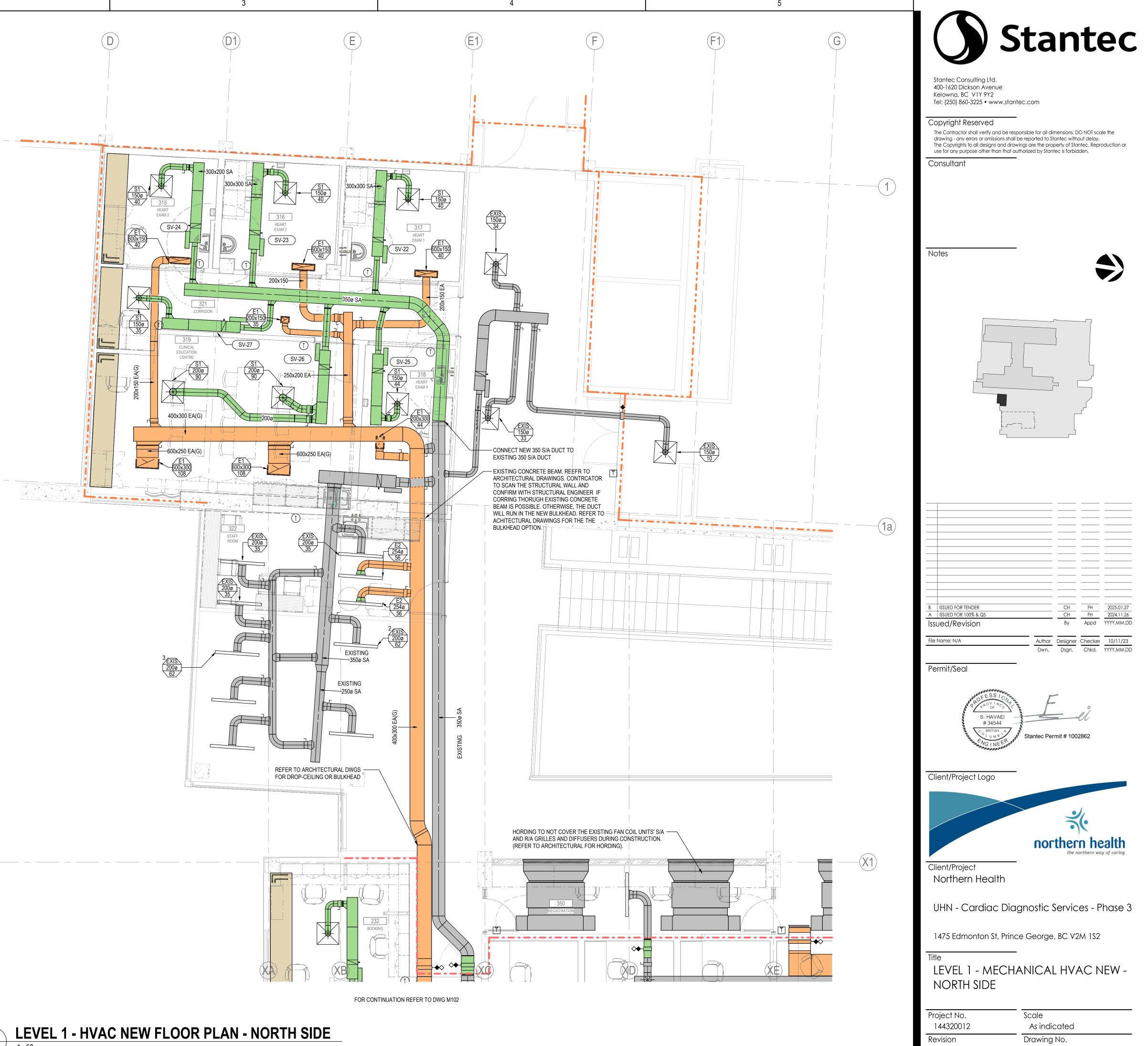
3. THE EXISTING AIR HANDLING UNITS AND EXHAUST FANS LOCATED ON LEVEL 4 PENTHOUSE TO BE REBALANCED TO INCREASING THE TOTAL AIR FLOW (SUPPLY, RETURN AND EXHAUST AIR) BY SPEEDING UP THE FANS THROUGH THE UNIT VSD AND TO PROVIDE EXTRA AIR REQUIRED FOR NEW RENOVATED AREA AS SHOWN ON MECHANICAL NEW HVAC PLAN.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

ORIGINAL SHEET - ARCH D





M103

D

GENERAL NOTES:

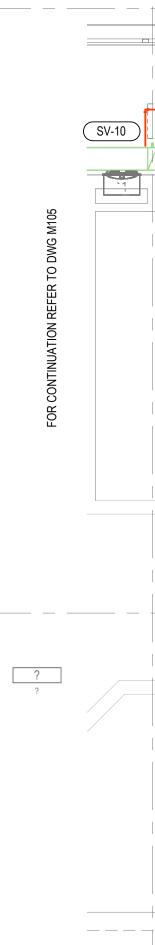
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

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).

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



351 WAITING

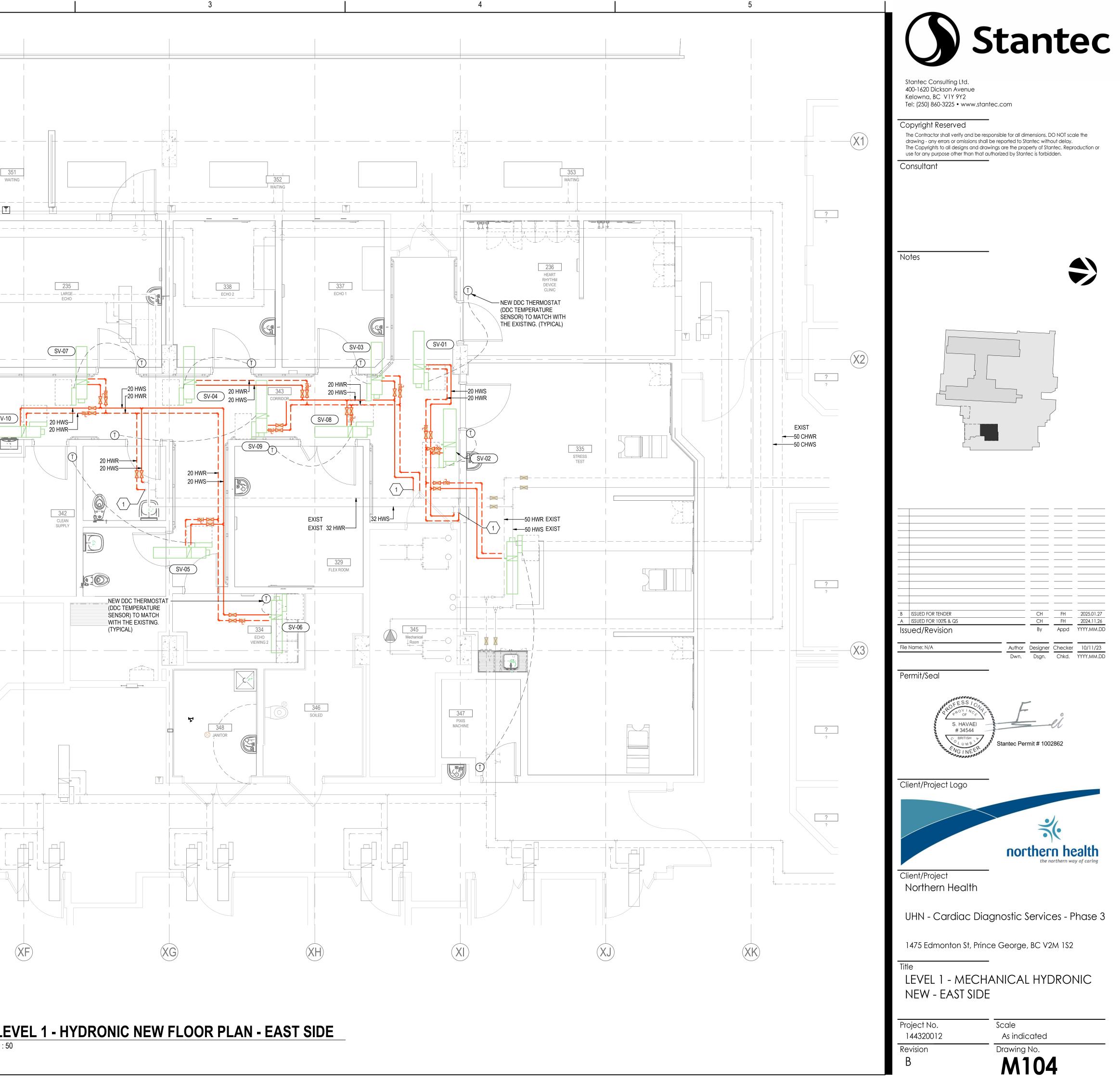
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	LEVEL
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XF





RCP-1 3600 1600 0.03 L/S

RCP-1 1650 500

RCP-1 4100 1700

0.04 L/S

2

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).

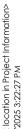
MECHANICAL KEYNOTES Keynote Text Key Value NEW 25 HWS/HWR PIPES TO LEVEL BELOW (LEVEL 0) AND TO BE CONNECTED TO THE EXISTING 25 HWS/HWR PIPES. CONNECT NEW 20 HWS/HWR PIPES TO THE EXISTING 20 HWS/HWR PIPES. CONNECT NEW 25 HWS/HWR PIPES TO THE EXISTING 25 HWS/HWR PIPES.



RCP-1 2800 1200 0.03 L/S



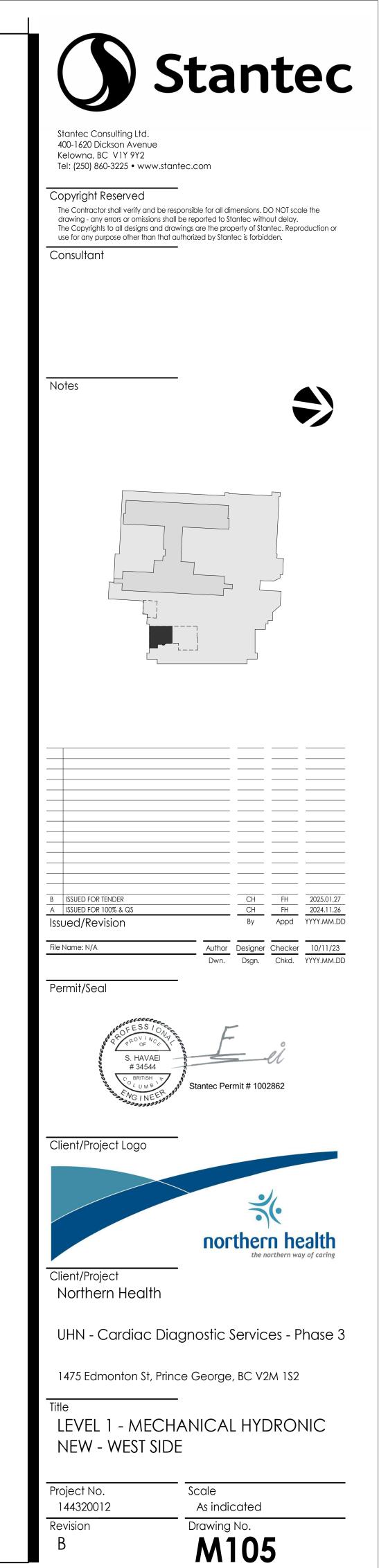






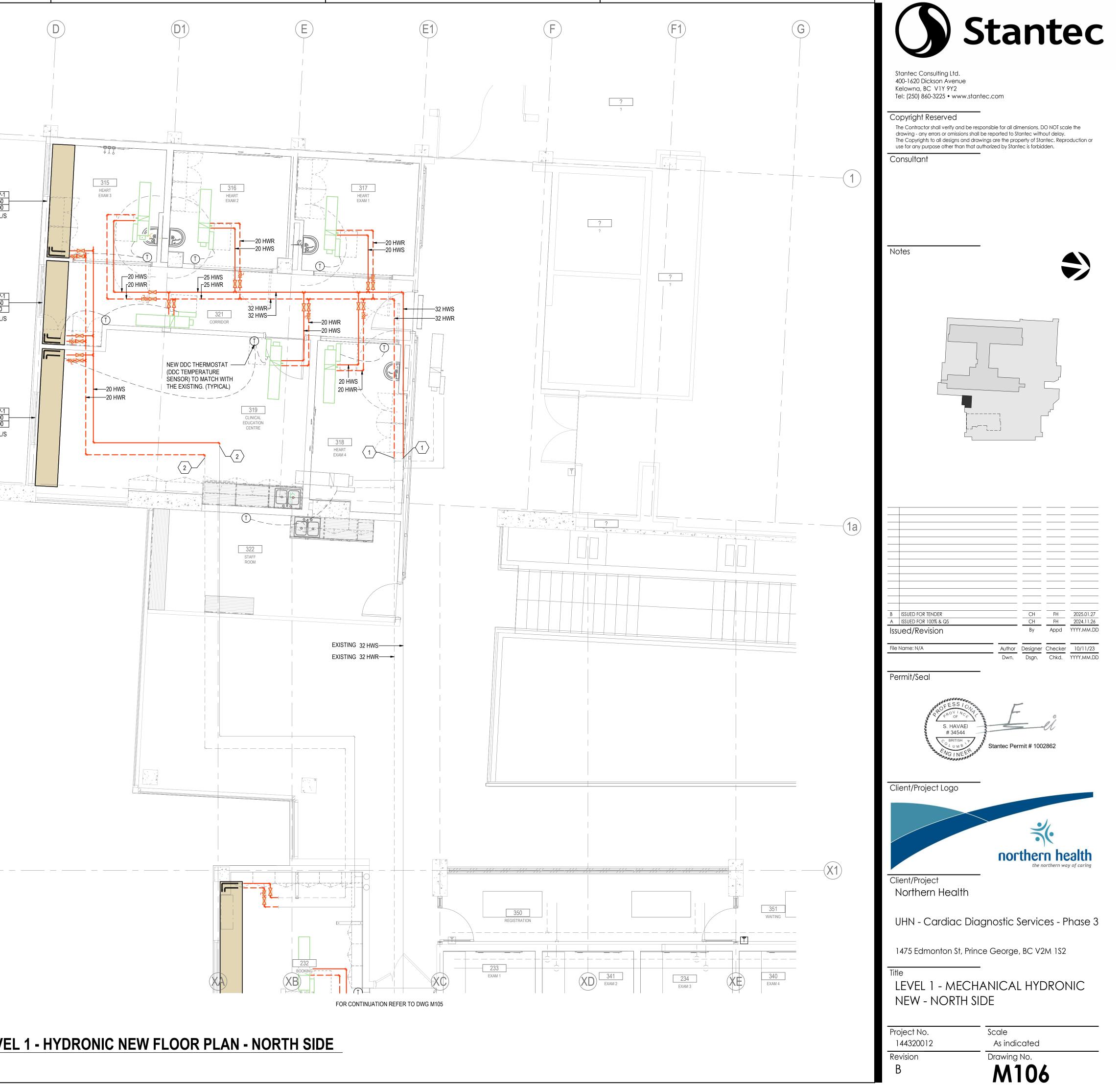


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		1	2	
	PROJECT			
D		<u>GENERAL NOTES:</u>		
		 REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS. ALL HWS/HWR PIPE SIZES ARE 20 mm UNLESS OTHERWISE NOTED. NEW THERMOSTATS AND TEMPERATURE SENSORS TO MATCH WITH THE EXISTING THERMOSTATS (TEMPERATURE SENSORS) AND TO BE CONNECTED TO DDC SYSTEM (BMS). 		RCP-1 3050 1300 0.03 L/S
		MECHANICAL KEYNOTES Key Value Keynote Text		RCP-1 2250 900 0.02 L/S
С		Key valueKeynote Text1CONNECT NEW 32 HWS/HWR PIPES TO THE EXISTING 32 HWS/HWR PIPES.2CONNECT NEW 20 HWS/HWR PIPES TO THE EXISTING 20 HWS/HWR PIPES.		
U				RCP-1 3700 1600 0.03 L/S
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22/2025 3:22:29 PM			1 L M106 1	.EVE : 50

ORIGINAL SHEET - ARCH D





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.

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).

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

	Plumbing Fixture Connection Schedule					
Туре	Description	CW	нพ	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	

ORIGINAL SHEET - ARCH D





XF

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

PROVIDE A SAN DRAIN LINE WITH -

PROVIDE A STRAINER ON 15 DCW -

LINE SERVING THE WATER FILLER.

P-TRAP AND VENT PIPE FOR THE

WATER FILLER.

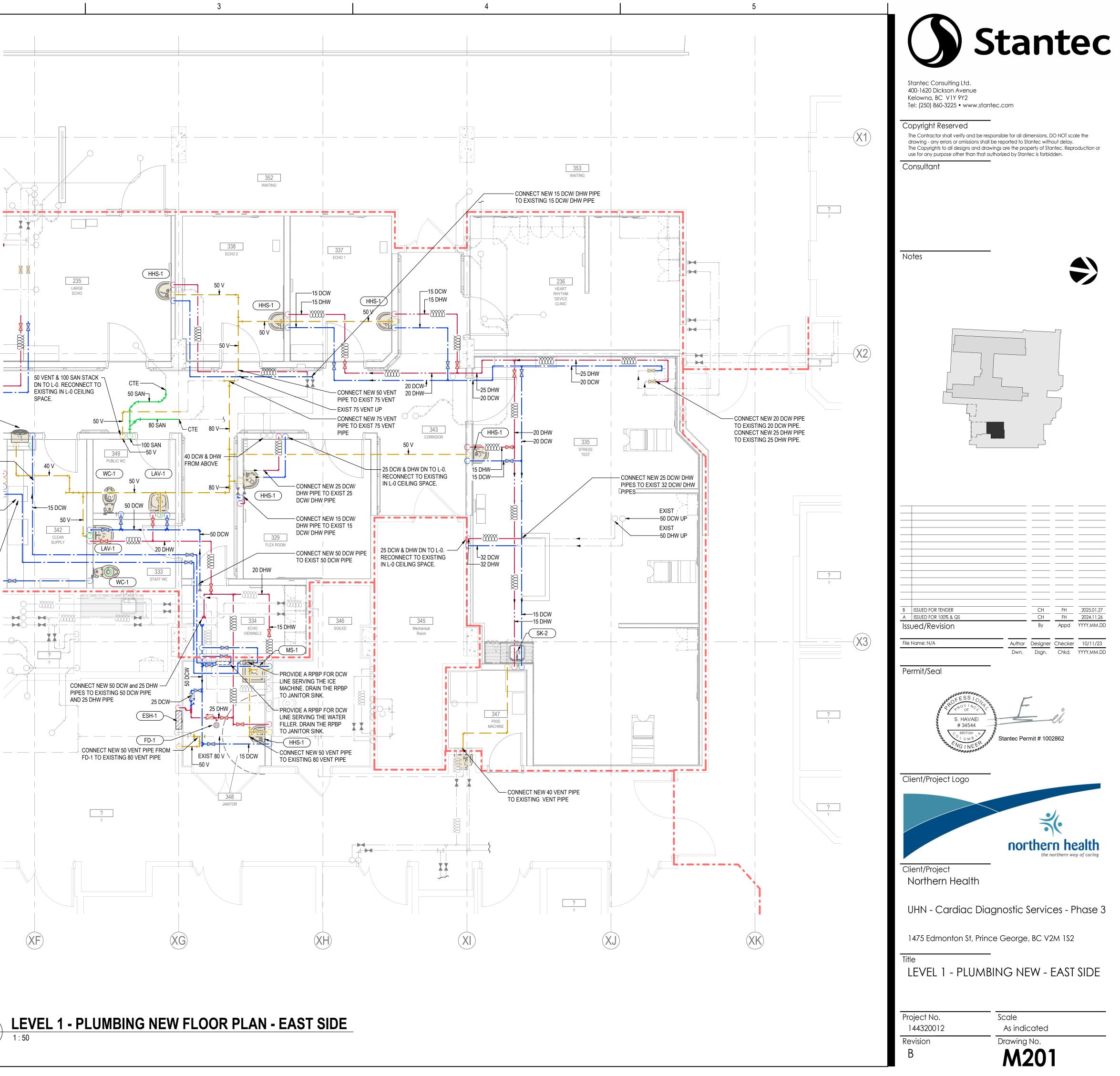
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-

PROVIDE A SAN DRAIN LINE WIT

REFER TO ARCHITECTURAL DWGS FOR ICE MACHINE. P-TRAP AND VENT PIPE FOR THE ICE MACHINE.





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.

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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).

D

	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

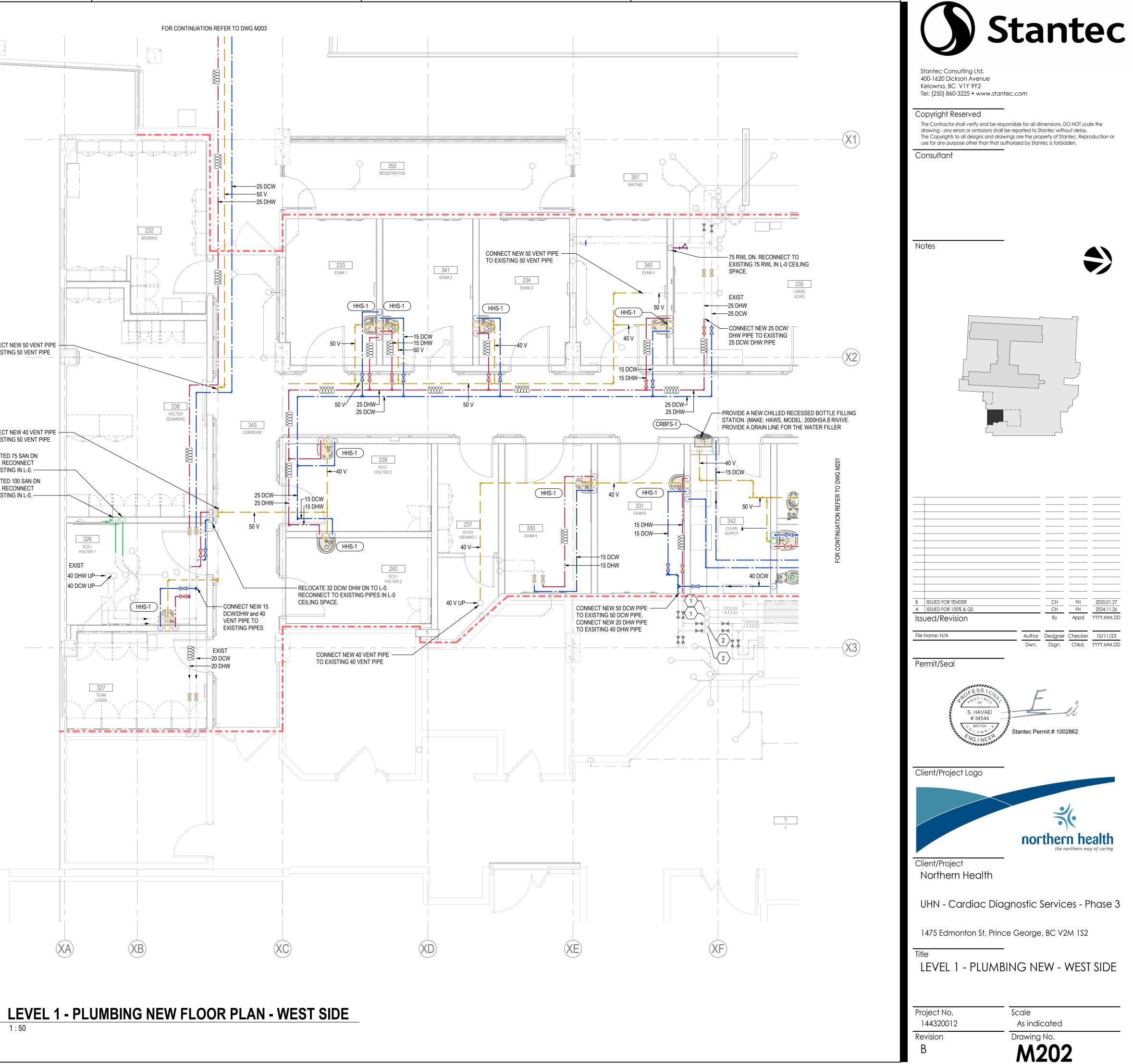
CONNECT NEW 40 VENT PIPE TO EXISTING 50 VENT PIPE

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

TABLE 0.	TABLE 0. REVIT - NOMINAL PIPE SIZE					
NPS	NPS METRIC EQ. REVIT TAC					
1/2"	12mm	15mm				
3/4"	20mm	20mm				
1"	25mm	25mm				
1-1/4"	32mm	32mm				
1-1/2"	40mm	40mm				
2"	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	





В

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.

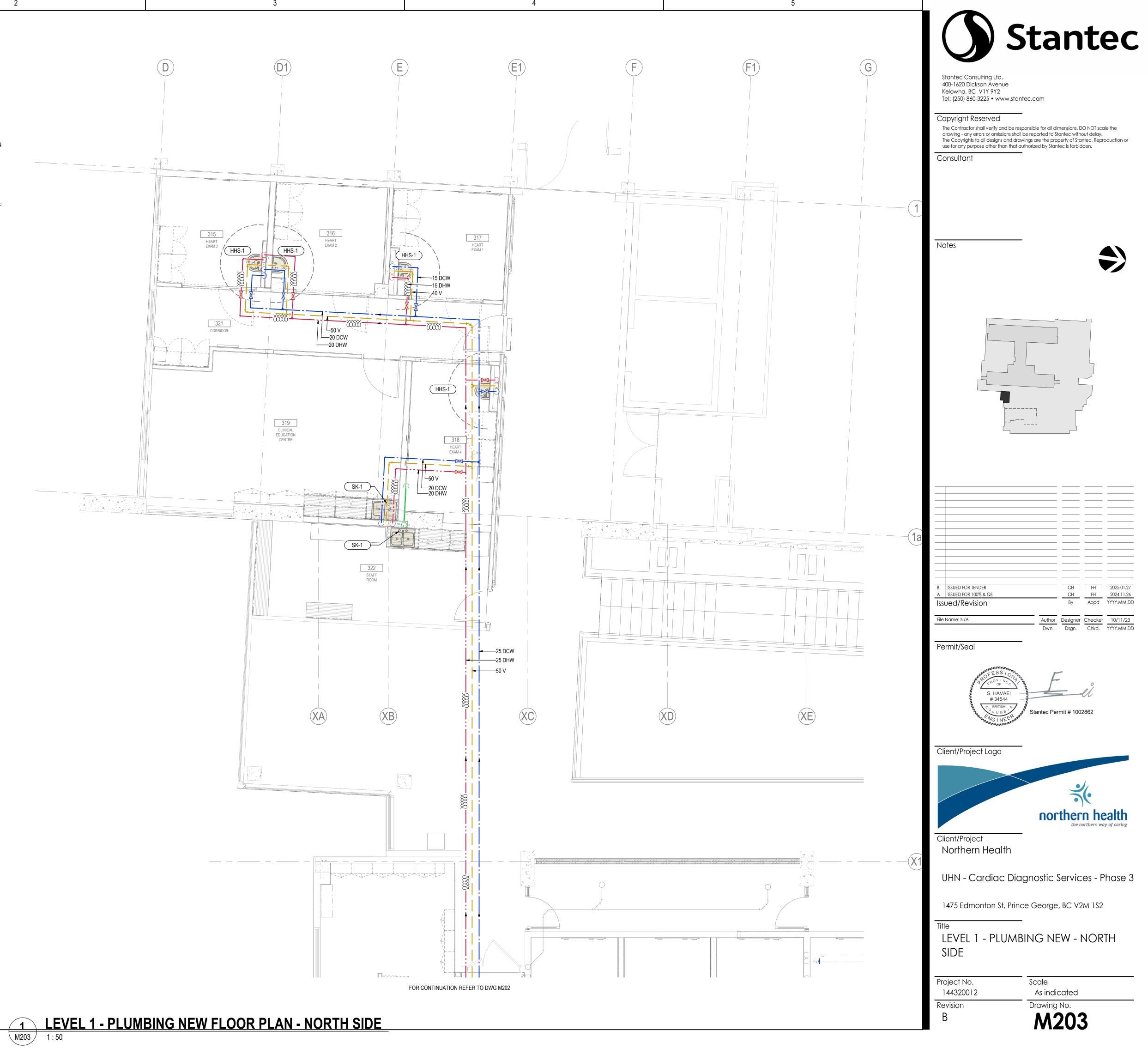
5. PROVIDE SHUT-OFF VALVES JUST DOWN-STREAM OF THE CTE (CONNECT TO EXISTING) THEREBY REDUCING SHUTDOWN TIME FOR OTHER DEPARTMENTS. (TYPICAL FOR ALL PLUMBING AND MEDICAL GAS SERVICES).

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).

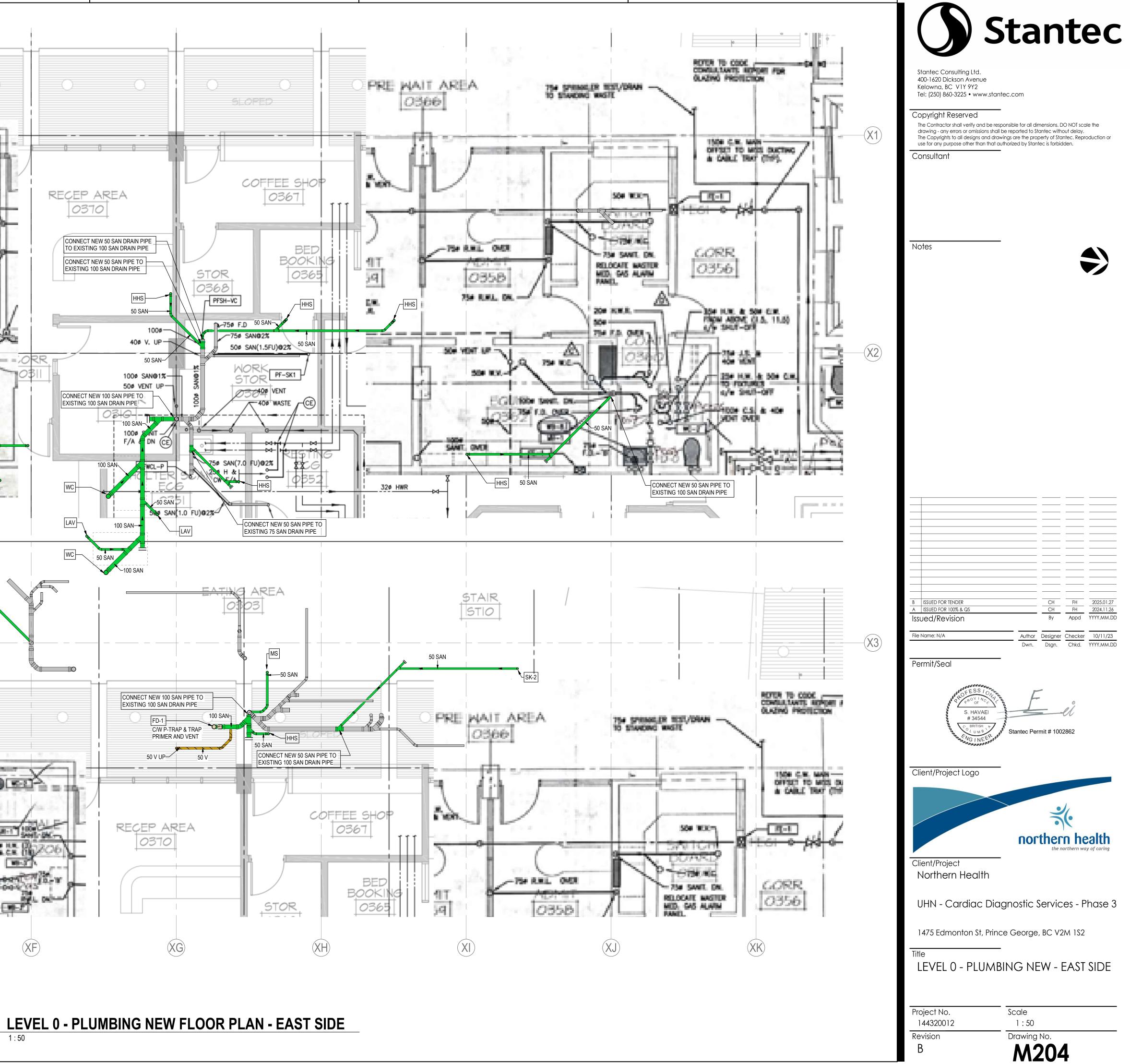
TABLE 0	TABLE 0. REVIT - NOMINAL PIPE SIZE									
NPS	METRIC EQ.	REVIT TAG								
1/2"	12mm	15mm								
3/4"	20mm	20mm								
1"	25mm	25mm								
1-1/4"	32mm	32mm								
1-1/2"	40mm	40mm								
2"	50mm	50mm								
2-1/2"	65mm	65mm								
3"	75mm	80mm								
4"	100mm	100mm								

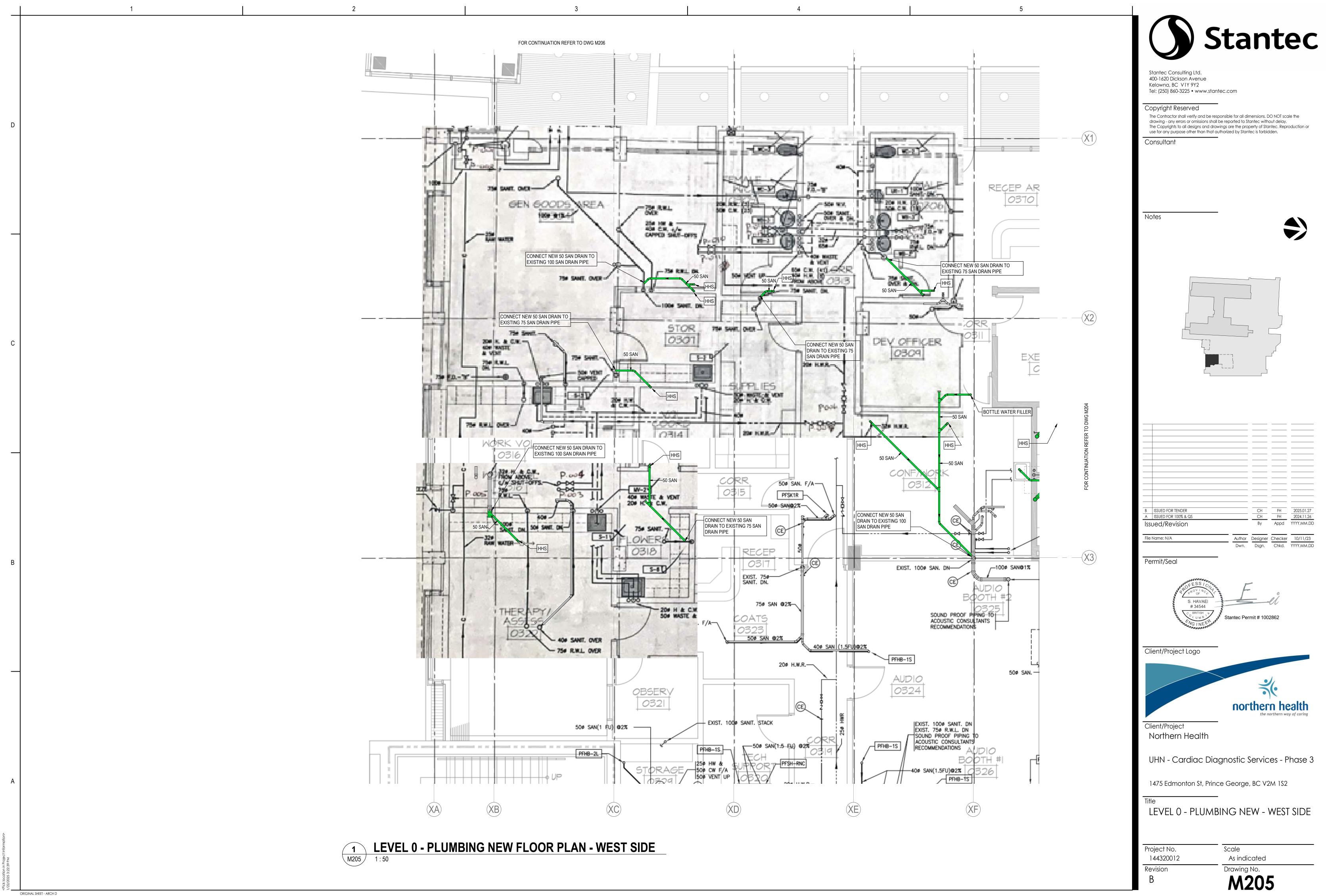
Plumbing Fixture Connection Schedule								
Туре	Description	CW	HW	Waste	Vent			
WC-1	Water Closet	40 mm		100 mm	50 mm			
LAV-1	Lavatory	12 mm	12 mm	50 mm	40 mm			
MS-1	Mop Sink	12 mm	12 mm	50 mm	40 mm			
HHS-1	Hand Hygiene Sink	12 mm	12 mm	50 mm	40 mm			
SK-1	Sink	12 mm	12 mm	50 mm	40 mm			
SK-2	Sink	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			

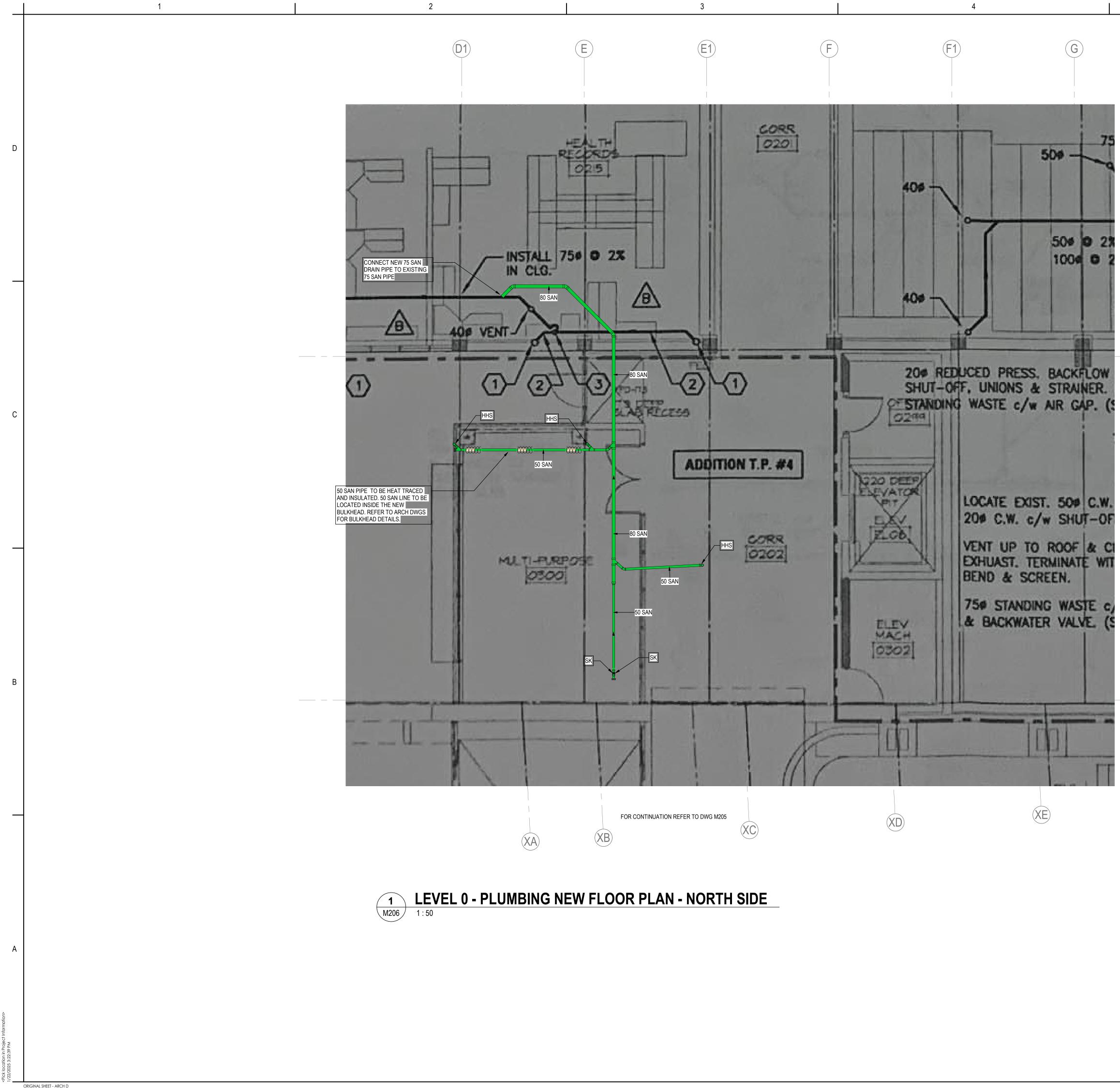


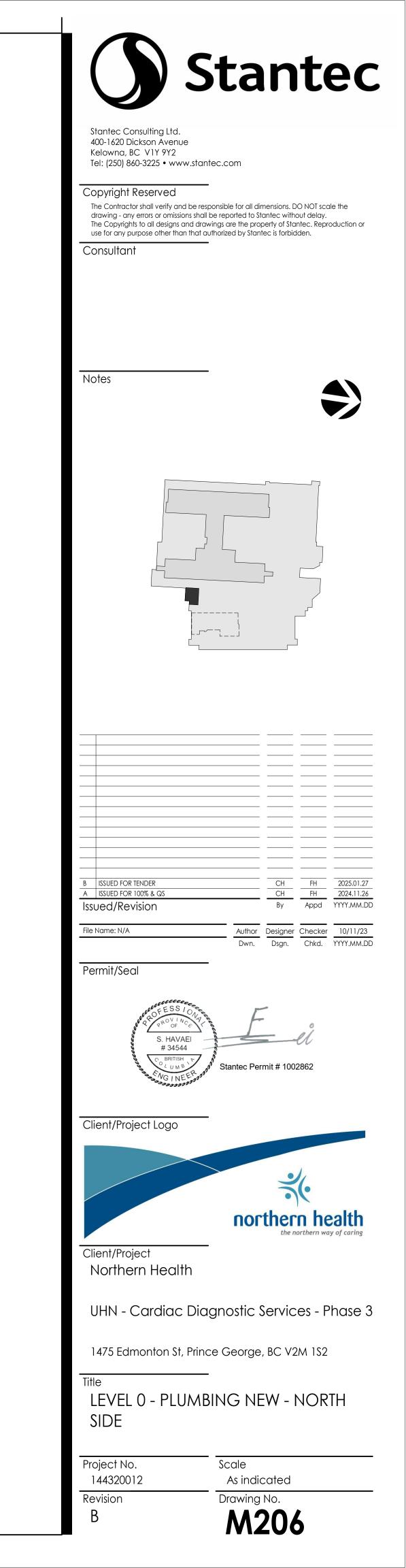
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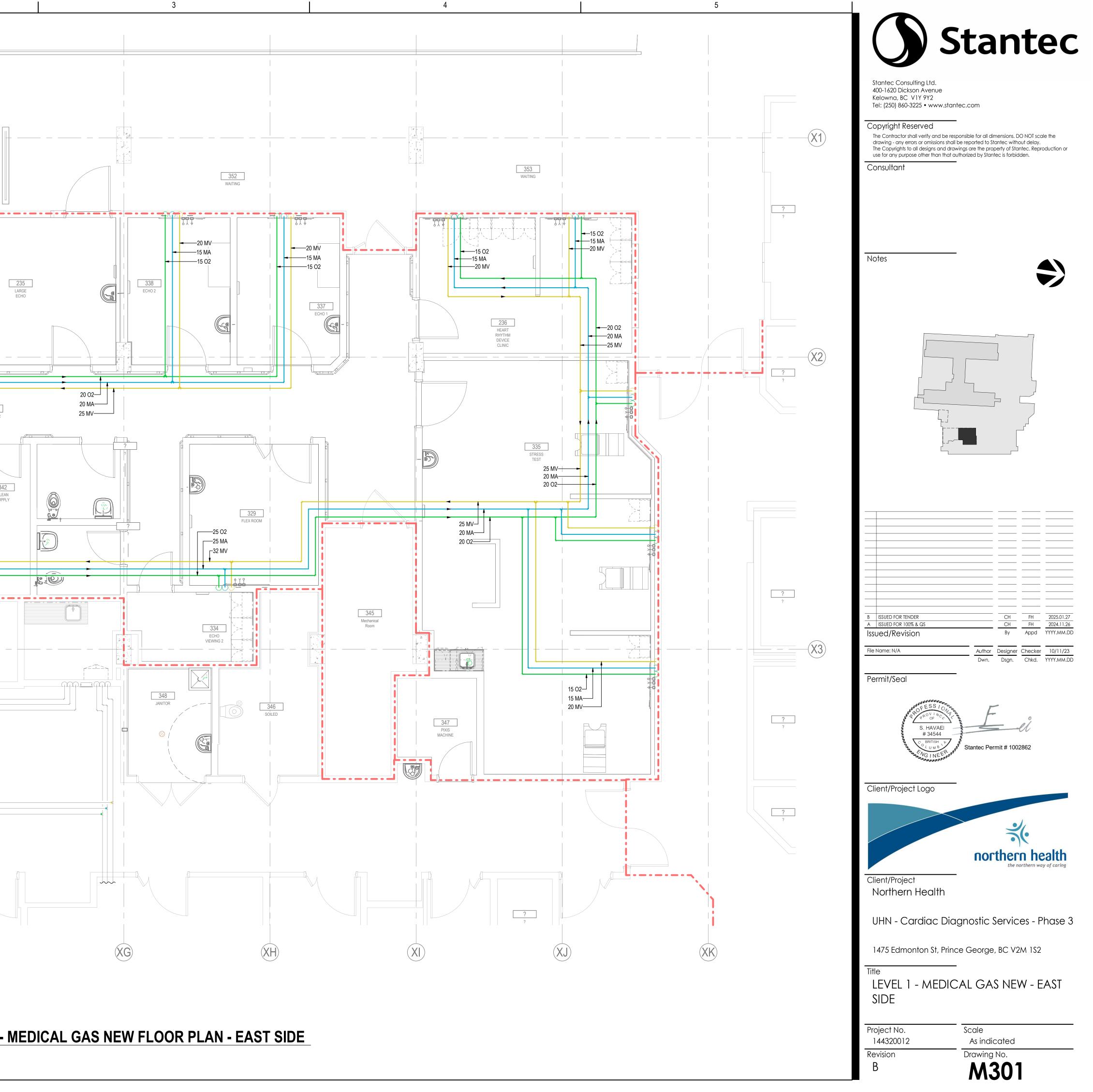




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_		1	2	
	PROJECT NORTH			
D		<u>GENERAL NOTES:</u> 1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.		
С			DWG M302	343 CORRIDOR
			331 EXAM 6 FOR CONTINUTATIO DWG M302	
В				
А				XF
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PROJECT
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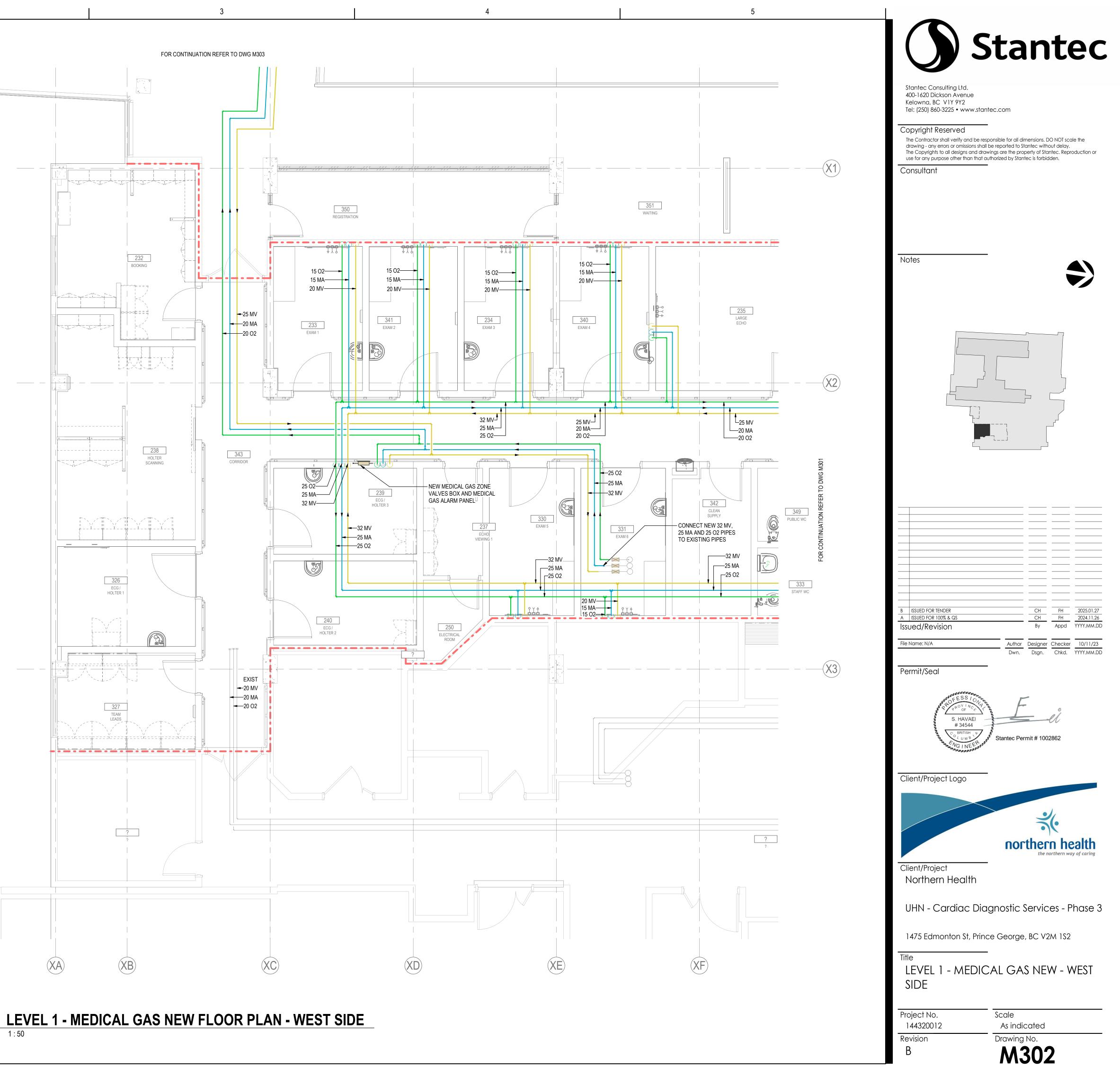
GENERAL NOTES: 1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.

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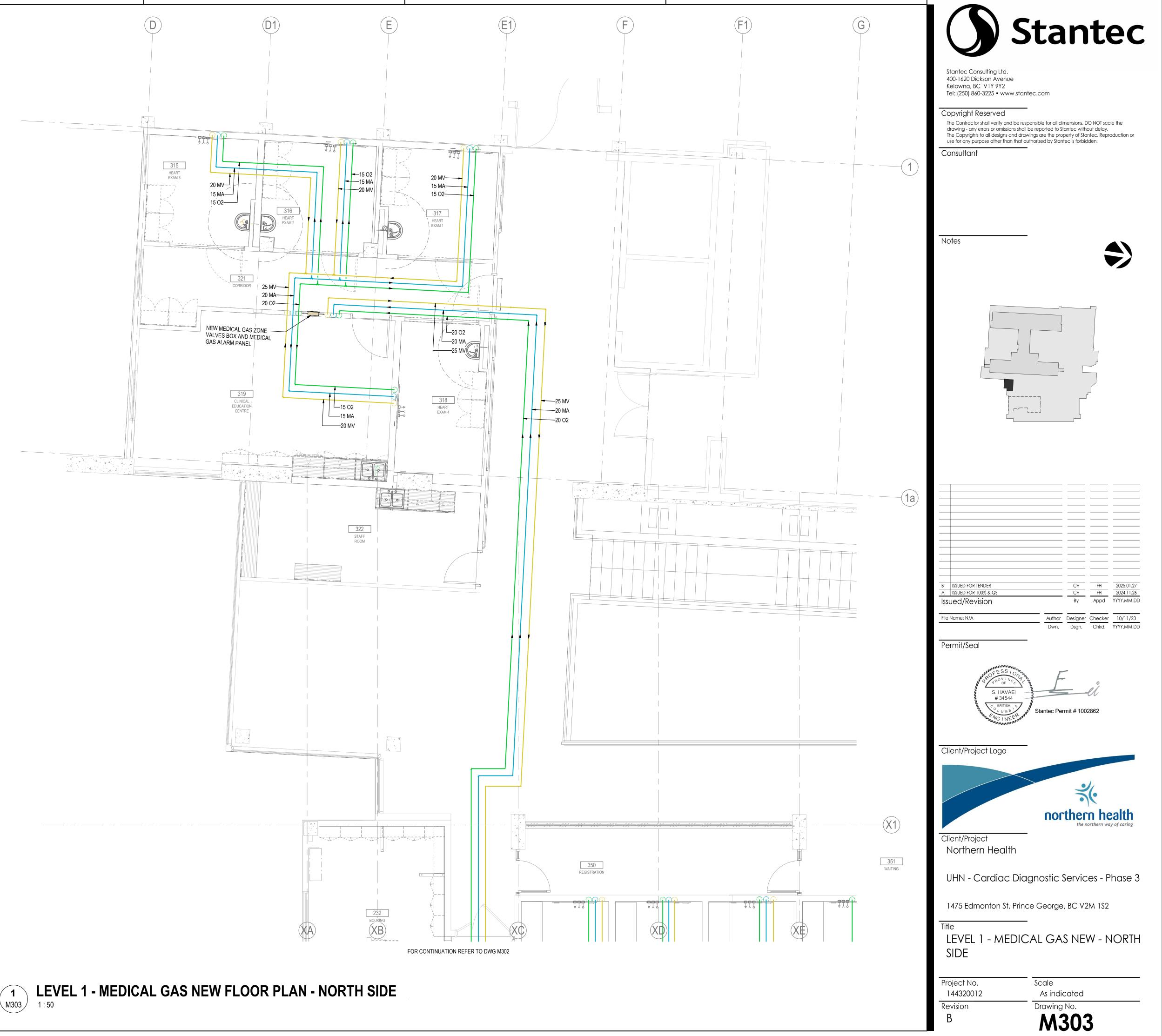
	PROJECT	
D		GENERAL NOTES: 1. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING AND NEW FIRE SEPARATIONS.
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ORIGINAL SHEET - ARCH D

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M303 1 : 50

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D

GENERAL NOTES:

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.

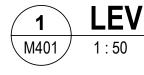
4. COORDINATE SHUT-DOWNS FOR FIRE PROTECTION SERVICES WITH FMO. COORDINATE WITH FMO IF ANY NIGHT-TIME WORK IS REQUIRED.

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

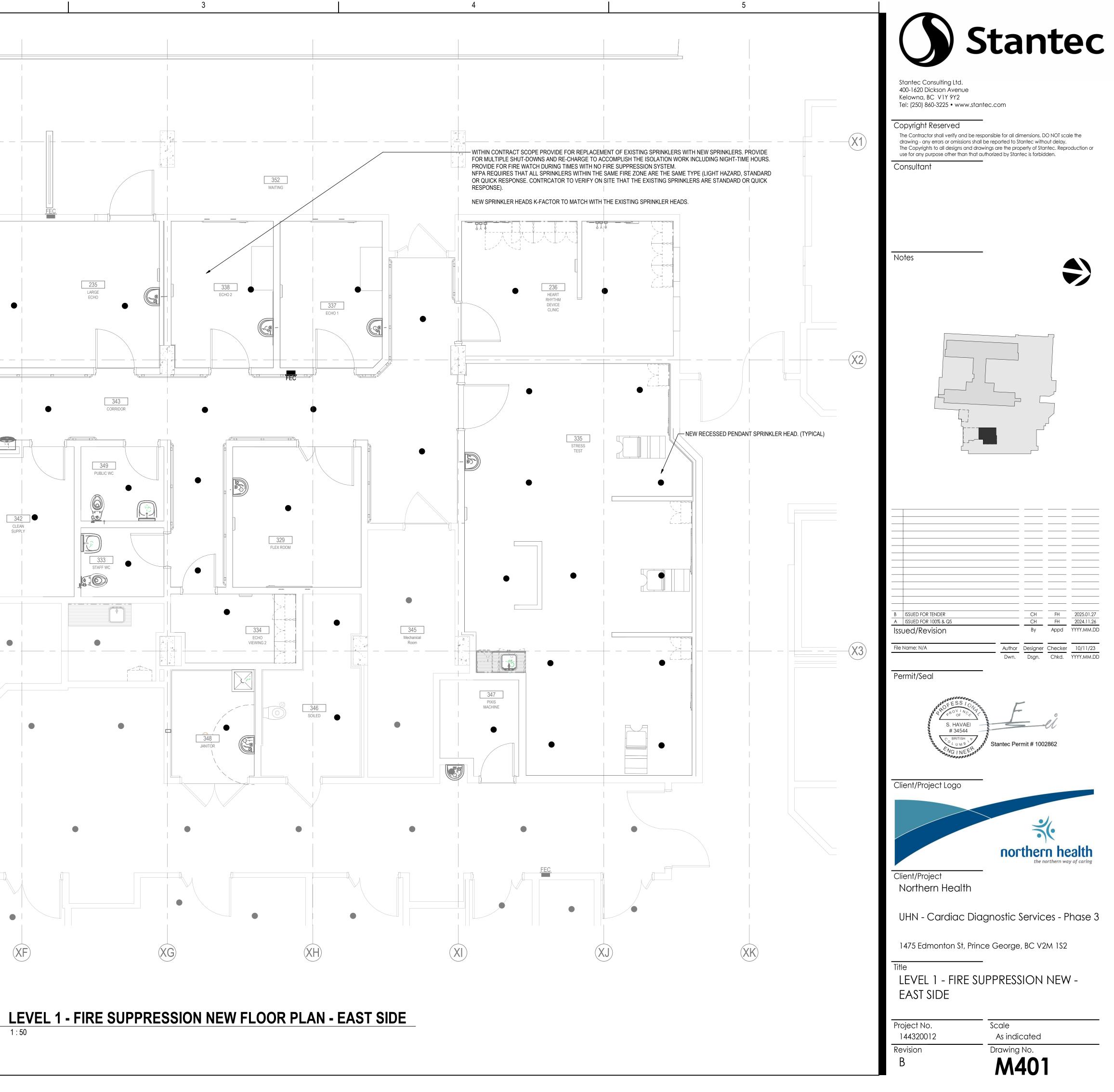


351 WAITING

CLEAN SUPPLY



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D

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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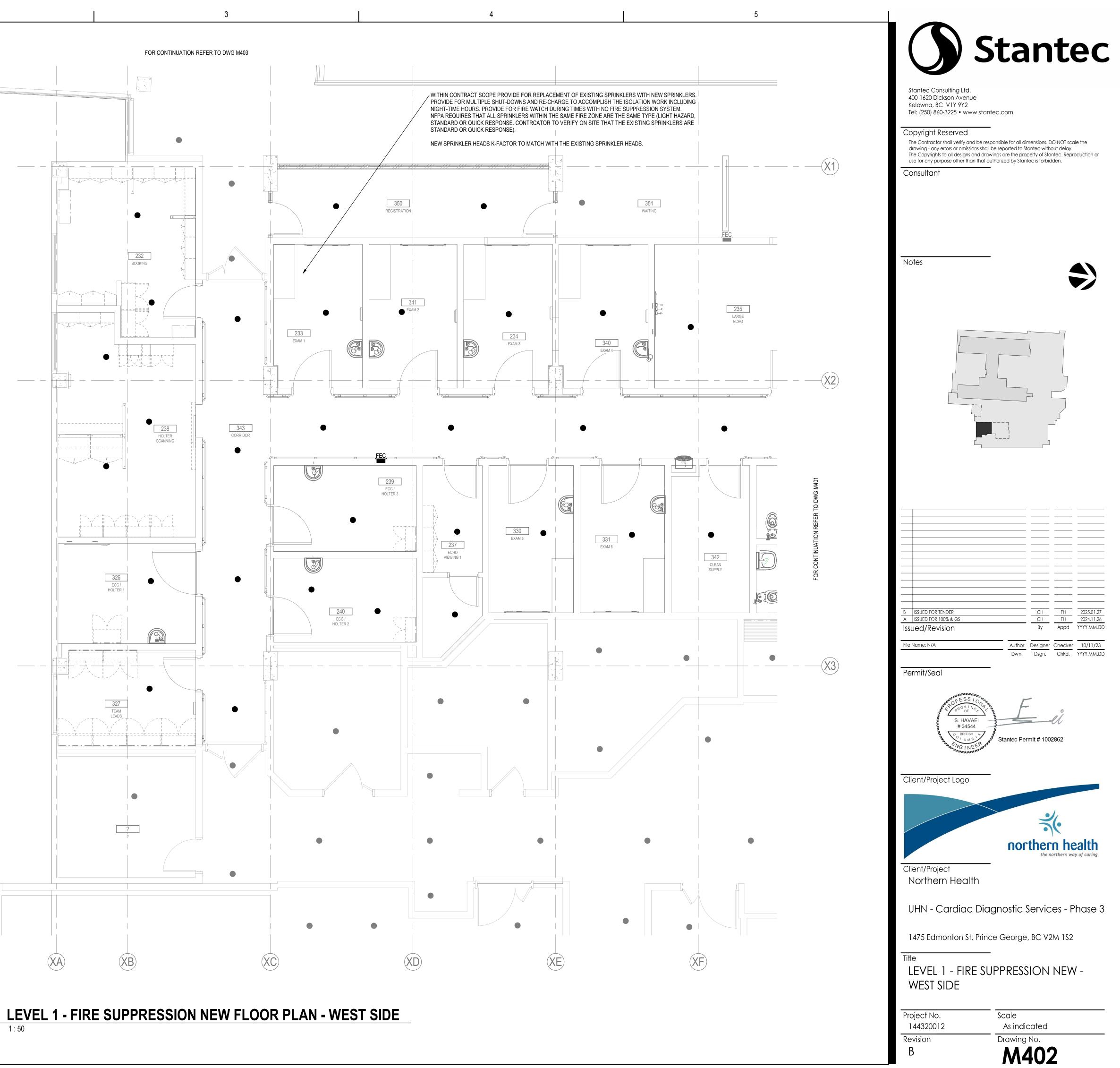


ORIGINAL SHEET - ARCH D



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REQUIRED.

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

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

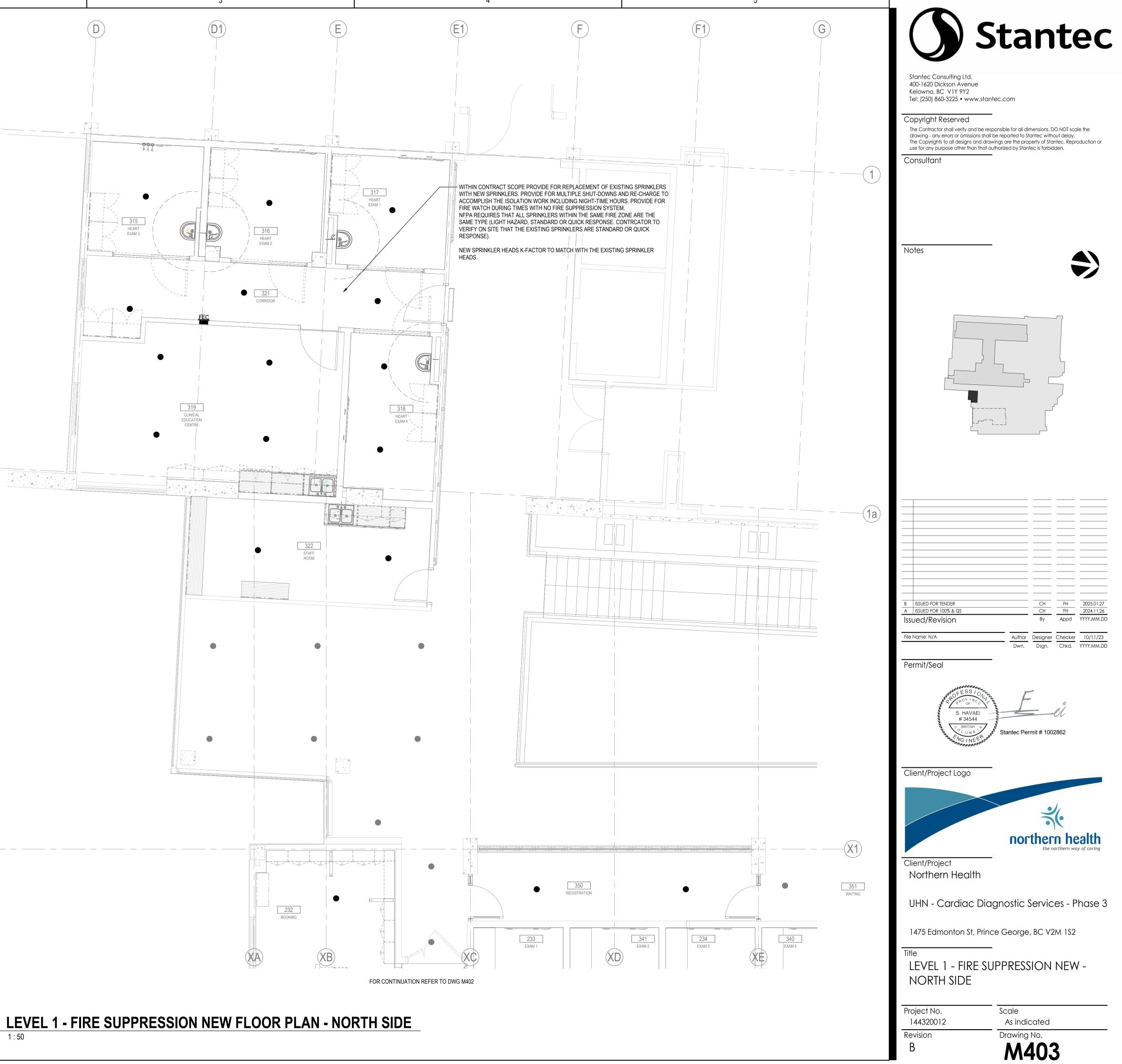
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5. CONTRACTOR TO PROVIDE STAMPED ENGINEERING SHOP DRAWINGS BY A FIRE SUPPRESSION REGISTERED PROFESSIONAL ENGINEER.







			SUI	PPLY AIR '	VALVE	SCHED	ULE							
AREA SERVED	ROOM NUMBER	AIR VALVE NO.	MANUFACTURER	MODEL	SIZE		EAT COIL HEATING CAP. (KW)	AIR	ED MODE FLOW MIN (L/S)	UNOCCUPIE MODE	D EAT(C)	LAT(C)	PIPE CONNECTIONS MM	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
ECHO	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

1. EWT TO HEATING WATER COIL SHALL BE 82.2°C (180°F).

B

2. LWT FROM COIL SHALL BE APPROXIMATELY 71.1°C (160°F). 3. ALL SV TO BE C/W 910 mm FIBER FREE ATTENUATORS

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

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: . 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 LÍNEAR 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 າm)	FINISH	MANUFACTURER	MODEL NUMBER	NOTES
00	WHITE	FRENGER	TWA	ALL
I				

4

5

