Annex B (Informative) **Site Survey Worksheet**

Note: This Annex is not a mandatory part of this Standard. Customer_ ______Phone _____ Address __ Legal Description Performed by _____ _____ Phone _____ (Name) Company Name ___ ____ Signature _____ New Construction □ Retrofit
Construction Permit and Number Heat Loss and Energy Analysis by _____ Soil/Rock Types and Conditions _____ Drill Regulations ___ Special Requirements _ SERVICE LOCATE SITE PLAN **CHECKLIST COMPANY HEADING** □ POWER LINES Locate property lines, existing structures or obstructions, future consideration Overhead sites, utilities and services, heat pump unit, circulating pump kit where it Underground enters structure, slopes (% and direction), and equipment access routes. □ NATURAL GAS ☐ PROPANE ☐ PUBLIC WATER □ WATER WELL Depth, m (ft) ☐ PUBLIC SEWER ☐ ON-SITE SEWER ☐ TELEPHONE LINE Overhead Underground ☐ TV CABLE ☐ FUEL LINES **EASEMENTS** SPRINKLER ☐ TILE DRAIN ☐ BUILDING ENTRANCE □ UNIT LOCATION ☐ POND Size -Avg. Depth_ Min. Depth_ ☐ OTHER. ☐ ELEVATION POND/HOUSE ☐ FUTURE BUILDING (Buildings, pools, etc) Acknowledged By: Owner/Agent (Date) Installation Date Scale __

Annex A (Informative) Installation Checklist for Open- and Closed-Loop Earth Energy Heat Pump Systems

Note: This Annex is not a mandatory part of this Standard.

(Two Copies Are to Be Provided to the Owner)

Owner's Name			Da	te			
Address							
Province	Postal Code			Phone			
Contractor's Name			Da	te			
Address							
Province			Pho	one			
System Type: Open-Loop 🗌							
Design Heat Load (Building)			De	sign Metl	hod		
Design Cooling Load			Me	thod			
Domestic Hot Water Load (Met By Syste							
Total Heating Load		17/1					
Type Of Distribution System:	Forced-Air		Hy	dronic 🗌]		
Heat Pump Make	**************************************			Model/Serial No			
Heating Capacity	· '			Cooling Capacity			
Check off appropriate entering water te	mperatures	Heating EWT:	0°C (32°F)		10°C (50°F)		
(EWT). (Refer to CSA Standard CAN/CSA		Cooling EWT:	25°C (77°F)		10°C (50°F)		
If A Closed-Loop System:							
Heat Exchanger Length, if Horizontal							
Heat Exchanger Type, if Horizontal	Single-Pipe 🗌	- · · ·			Two-Pipe		
	Four-Pipe \Box		Otl	her 🗆			
Borehole Depth and Number, if Vertical							
Heat Exchanger Sized According to: Ma	nufacturer 🔲						
If Software, Program Used:							
Backfill Materials, Horizontal Trenches _							
Borehole Fill Material, if Vertical							
Type Of Antifreeze/Inhibitors			Qu	antity			
Antifreeze Protection Level				Loop Test Pressure			
System Static Pressure							
If An Open-Loop System:						•	
Attach copy of water well record or well			-	ons of we	ells, intake, an	d pumps.	
If A Closed-Loop System:	Marking/ir	nstructions Chec	klist				
Supply and Return Valves Marked Accord	dinaly						
Submerged Heat Exchanger Position Ma		3				\exists	
Label at Loop Charging Valve Showing Antifreeze Type, Concentration, Contractor Inf				nation			
Owner Given Manufacturer Documentation and Warranty on System							
Owner Given Site Survey Worksheet of I		•	nns/Locations	of all Pin	ina	tmud	
Diameter, Depths and Lengths of Loops,		~			,,,,	П	
If An Open-Loop System:		Trace. Milet Elifes, 1	Lot Lines, etc.	<u> </u>			
Supply and Return Lines to be Identified	by Marker at Po	int of Entry to Wate	er Wells				
Inform Owner of Possible Effects on Sup	•	*		uality Or	iantity etc	ī	
Ensure Water Supply Well is Sealed in Ac				-	auritity, etc.	\exists	
Ensure Water Well Yields Water to Supply					Installation		
		•	•				
This installation was done in accordance for Residential and Other Small Buildings,		-		on of Earl	n Energy Syst	ems	
Name: (Please Print or Type)	· · · · · · · · · · · · · · · · · · ·		Signat	ure			
Date							

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