



PART 1 - GENERAL		PART 2 - PRODUCTS		PART 3 - EXECUTION	
1.1 References	1. National Building Code Latest Edition.	2.1 Installation	1. Fire and Smoke Rating	2.18 Ventilation	1. References
	2. National Plumbing Code Latest Edition.		2. Formed Mineral Fiber to 400°F		
1.2 Inspections	3. Canadian Registration Numbers (CRNs), Province of Nova Scotia.		3. Application: for piping valves and fittings on:		
	4. Contractor to contact Department of Labour Boiler Inspector for requirements for inspection and testing.		1. Hot water heating, temperature 200°F.		
1.3 Equipment List	5. Costs for inspection to be covered by Contractor.		2. Domestic hot water, temperature 120°F.		
	6. Complete list of equipment and materials to be used in this project and forming part of tender documents by adding manufacturer's name, model number and details of materials, and submit for approval.		3. Domestic cold water, temperature 50 deg F w/ vapor barrier.		
1.4 Equipment Installation	7. Submit for approval within 48 hr after closing of tenders.		4. Materials:		
	8. Unions or flanges: provide for ease of maintenance and disassembly.		1. CGSB 51-GR-8M, rigid mineral fiber sleeving for piping.		
1.5 Protection of Openings	9. Space for servicing, disassembly and removal of equipment and components; provide as recommended by manufacturer or as indicated.		2. Acceptable materials: Fiberglass evolution.		
	10. Equipment drains: pipe to floor drains.		3. Jacket: Evolution.		
1.6 Equipment Supports	11. Install equipment, rectangular cleancuts and similar items parallel to or perpendicular to building lines.		4. Thermal Conductivity "K" shall not exceed .236 BTU/h/ft.² at 75°F mean temperature when tested in accordance with ASTM C335. Thickness: Nominal Pipe Size (NPS)		
	12. Protect all existing ductwork to be re-used, closing off openings with 6 mil plastic.		Fluid Temperature (°F)		
1.7 Dielectric Couplings	13. At completion of work, advise Engineer that work is ready for inspection of Interior Duct Surfaces. Ductwork must be clean and/or cleaned if found to be unacceptably dirty.		1 and under		
	14. Equipment supports supplied by equipment manufacturer; specified elsewhere in Division 01.		1-14-2		
1.8 Drain Valves	15. Equipment supports not supplied by equipment manufacturer; fabricate from structural grade steel. Submit structural calculations with shop drawings.		2-12-4		
	16. Mount base mounted equipment on chamfered edge housekeeping pads, minimum of 4 in. high and 2 in. larger than equipment dimensions all around.		6 & over		
1.9 Demonstration and Operating and Maintenance Instructions	17. Supply tools, equipment and personnel to demonstrate and instruct operating and maintenance personnel in operating, controlling, adjusting, trouble-shooting and servicing of all systems and equipment during regular work hours, prior to acceptance.		1-12		
	18. Where deemed necessary, Owner may record these demonstrations on video tape for future reference.		1-12		
1.10 Operation and Maintenance Manual	19. Supply tools, equipment and personnel to demonstrate and instruct operating and maintenance personnel in operating, controlling, adjusting, trouble-shooting and servicing of all systems and equipment during regular work hours, prior to acceptance.		1-12		
	20. Where deemed necessary, Owner may record these demonstrations on video tape for future reference.		1-12		
1.11 Cleaning	21. Clean mechanical systems in accordance with Division 15.		1-12		
	22. Clean interior and exterior of all systems including strainers.		1-12		
1.12 As-Built Drawings	23. In preparation for final acceptance, clean and refurbish all equipment and leave in operating condition including replacement of all filters in all air and piping systems.		1-12		
	24. Interior of duct must be clean, ensure all openings are sealed and delay any start-ups until building is ready. Arrange for Engineer to inspect ductwork before start-up of air handling and removal of closures.		1-12		
1.13 Identification	25. Site Records:		1-12		
	26. Engineer will provide 1 set of reproducible mechanical drawings. Provide sets of white prints as required for each phase of the work. Mark there-on all changes as work progresses and as change occur.		1-12		
1.14 Spare Parts	27. One (1) spare thermometer.		1-12		
	28. One (1) spare control valve.		1-12		



Parks Canada



Parcs Canada

Fortress of Louisbourg
National Historic Site of Canada


Forteresse de Louisbourg
Site Historique National du Canada

revisions

date

revisions

date



A.H. Roy
& Associates Ltd.
P.O. Box 1775, Antigonish
Nova Scotia, B2G 2M5
Tel: (902) 863-2955 E-mail: aroy@ahroy.ca

APPROVED AS REFLECTING STRUCTURAL DESIGN TEAM DECISIONS

RESTORATION ARCHITECT

PROJECT MANAGER

HEAD OF HISTORICAL RESOURCES

MANAGER, ASSET MANAGEMENT

FIELD UNIT SUPERINTENDENT

date

scale/échelle

MAR. 2015

1/4" = 1'-0"

designed by/ conçu par

drawn by/ tracé par

M. MORELL

V.J. BELLIVEAU

project title

titre du projet

REPURPOSING OF

SANTIER-VALLEE

MAGASIN HOUSES

drawing title

titre du dessin

MECHANICAL

reference no.

dwg. no.

n° de référence

731