

**(SPVHP) Heat Pump Unit Schedule**

I.D. No.	Mfr.	Model	Refrigerant	Cooling Capacity			Heating Capacity			Heat Recovery				Indoor Fan			Unit Power				Heater	Aux Heat Power				Op. Wt. lbs.	Filter Rack	Outside Air	Notes
				BTUH	EER	IPLV	BTU/H	COP	HSPF	Sens.	Lat.	Winter	Efficiency	CFM	H.P. (ECM)	Voltage	Ph.	MCA	MOCP	kW		Voltage	Ph.	MCA	MOCP				
HP-20	Bard	C30H2-AF8RP4XXE	R-410A	28,000	11.00	14.90	24,400	3.3	6.60	5,443	1,474	19,400	75%	900	1/3	208/230	1	23	30	8	208/230	1	42	45	502	2"- MERV 8	315	1, 2, 3, 4	
HP-21	Bard	C30H2-AF8RP4XXE	R-410A	28,000	11.00	14.90	24,400	3.3	6.60	5,443	1,474	19,400	75%	900	1/3	208/230	1	23	30	8	208/230	1	42	45	502	2"- MERV 8	315	1, 2, 3, 4	

Note:

- Supplementary heaters shall be prevented from operation above 40°F
- Provided with economizer that includes low leakage mixing box and Jade controller.
- Provide field installed occupancy sensor.
- Provide field installed Outdoor air temperature sensor.

**Scope of Work Retrofit Unit:**

- Replacement of (2) Wall mounted Bard Units
  - Removal of old units
  - Provide (2) new Heatpump Bard units with Integral ERVs for code compliant ventilation. Units are installed lead/lag for better performance.
  - Replace existing disconnect.
  - Reconnect existing control wire
  - Provide new CO2 & Occupancy sensors for ventilation controls
  - Reconnect to existing Grilles
  - Perform Check and Start by in house technicians.
  - Provide Owner training.
  - One-year warranty on all materials installed and workmanship.
- Excludes existing controls.

WAC 296-150F-0010

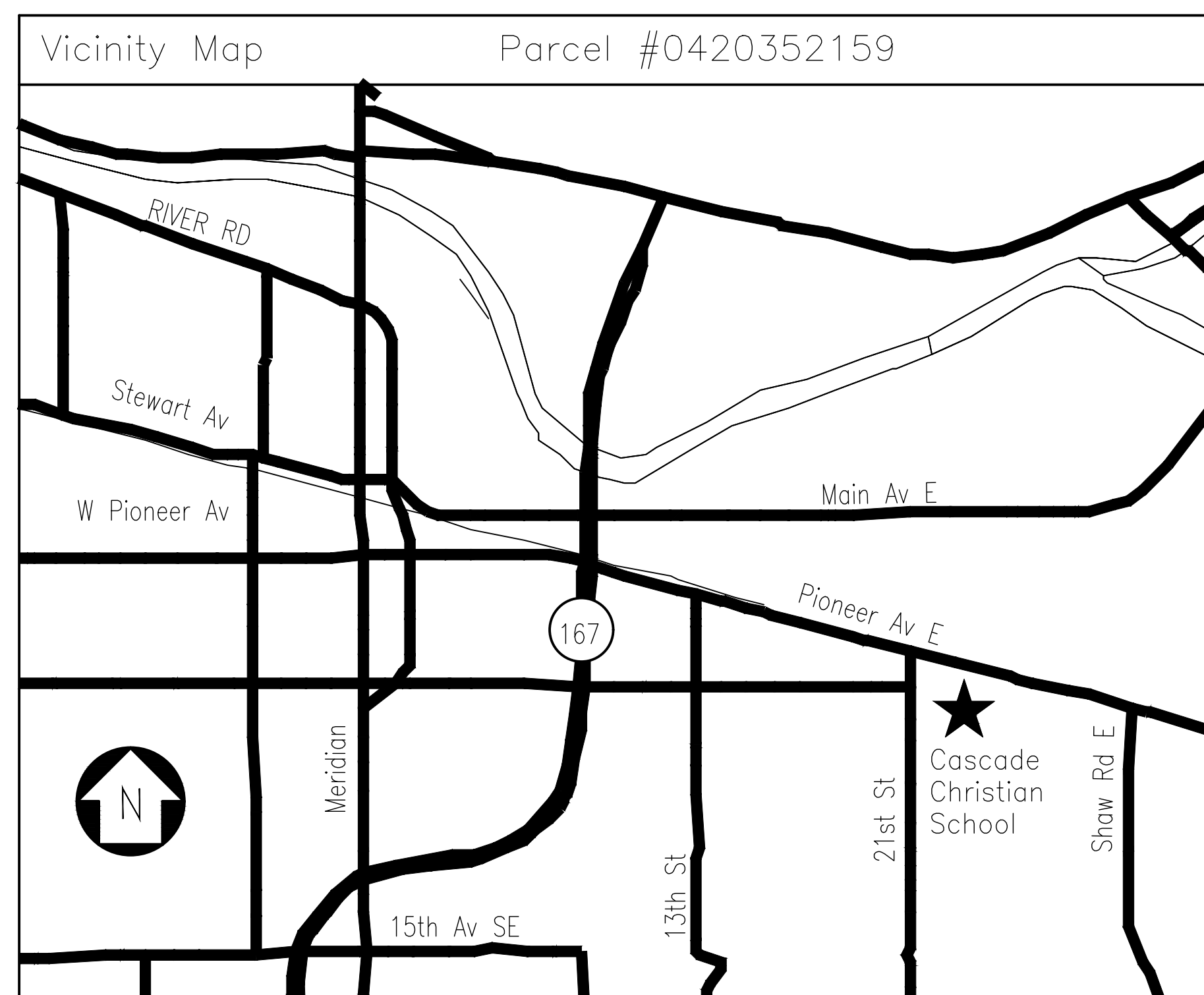
Authority, purpose, and scope.

(1) This chapter is authorized by RCW 43.22.420, 43.22.434 and 43.22.450 through 43.22.490, covering the construction and approval of factory-built housing and commercial structures before occupancy.

(2) This chapter applies to the approval:

(a) Of factory-built structures used for residences or commercial purposes; and

(b) After occupancy of a factory-built house or commercial structure, all inspections are done by the local enforcement agency



Thermostat Schedule																											
I.D. No.	Mfr. & Model	Type	Unit Served	Notes																							
T	Bard MC5300-BC	Seven day programmable with night setback	HP-20	Mount @ 48" A.F.F.																							
T	Bard MC5300-BC	Seven day programmable with night setback	HP-21	Mount @ 48" A.F.F.																							

Programmable stats are configured to 5 degree deadband and have 2 occupied / 2 unoccupied schedules for seven days per week or 3+2 day. Programmable stats are capable of automatically adjusting the daily start time of the HVAC system in order to bring each space to the desired occupied temperature immediately prior to schedule occupancy. (Field verify Location)

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permittee on site for inspection.

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

Separate Electrical Permit is required with the Washington State Department of Labor & Industries.  
<https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections>  
 or call for Licensing Information:  
 1-800-647-0982

**City of Puyallup  
Building  
REVIEWED  
FOR  
COMPLIANCE**

SKinnear  
10/31/2024  
9:33:27 AM



**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

Mechanical Sheet Index	
Sheet	Title
M-1	HVAC Notes & Schedules
M-2	HVAC Site Plan

CITY OF PUYALLUP APPROVAL

**Air Systems Engineering Inc.**  
 AIR CONDITIONING & HEATING SYSTEMS  
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**COMFORTUS USA**  
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PROJECT: **CASCADE CHRISTIAN SCHOOL  
PORTABLE UNIT REPLACEMENTS**  
 8111 21ST ST SE  
 PUYALLUP, WA 98372

NO.	DATE	DESCRIPTION

DATE: OCTOBER 25, 2024  
 ASER NO: 20001037  
 DRAWN BY: BSR DESIGN BY: JW  
 REVIEWED BY:  
 SHEET TITLE: HVAC NOTES & SCHEDULES

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 SHEET

