

Pleasant Street Academy Biomass Project - Conceptual Piping Schematic Plan

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|-----------------|-------------------|
| Armory | |
| SF: | 17,400 |
| Oil Consumption | 14,132 Gallons |
| BTUs/Year | 1,978,480,000 |
| Boiler ages: | 1984+2002 |
| Steam/HW | 1/2 Steam, 1/2 HW |

Proposed Loop: Optional Loop:
 Supply ———— Supply - - - -
 Return ———— Return - - - -

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|---------------------------|----------------|
| Cyr - Fox - Nadeau | |
| SF: | 65,846 |
| Oil Consumption | 26,403 Gallons |
| BTUs/Year | 3,696,420,000 |
| Boiler ages: | 1970+1980 |
| Steam/HW | HW |

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|---------------------|----------------|
| Crocker Hall | |
| SF: | 17,976 |
| Oil Consumption | 13,886 Gallons |
| BTUs/Year | 1,944,040,000 |
| Boiler ages: | 1961+1970 |
| Steam/HW | HW |

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| Facilities Physical Plant/Biomass Plant | |
| SF: | 2,926 |
| Oil Consumption | 3,182 |
| BTUs/Year | 445,480,000 |
| Boiler age: | 1971 |
| Steam/HW | HW |

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|--------------------------|----------------|
| High School - Gym | |
| SF: | 46,455 |
| Oil Consumption | 17,353 Gallons |
| BTUs/Year | 1,925,350,056 |
| Boiler ages: | 1968+1999 |
| Steam/HW | HW |

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|-----------------|-------|
| Chippy | |
| SF: | 5,928 |
| Oil Consumption | |
| BTUs/Year | |
| Boiler age: | 2003 |
| Steam/HW | HW |

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|----------------------|---------------|
| Blake Library | |
| SF: | 14,789 |
| Oil Consumption | 6,255 Gallons |
| BTUs/Year | 875,700,000 |
| Boiler ages: | 1988+1989 |
| Steam/HW | HW |

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|---------------------------------------|----------------|
| Powell Hall - Acadian Archives | |
| SF: | 27,881 |
| Oil Consumption | 16,169 Gallons |
| BTUs/Year | 2,263,660,000 |
| Boiler ages: | 1966 |
| Steam/HW | Steam |

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|---------------------|----------------|
| Nowland Hall | |
| SF: | 8,680 |
| Oil Consumption | 14,274 Gallons |
| BTUs/Year | 1,998,360,000 |
| Boiler age: | 1968 |
| Steam/HW | Steam |

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|---------------------------|----------------|
| High School - Main | |
| SF: | 29,304 |
| Oil Consumption | 14,872 Gallons |
| BTUs/Year | 1,650,078,144 |
| Boiler age: | 2007 |
| Steam/HW | Steam |

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|-------------------|---------------|
| Elementary | |
| SF: | 64,000 |
| Oil Consumption | 19,678 |
| BTUs/Year | 2,754,920,000 |
| Boiler ages: | 2006 |
| Steam/HW | |

