Linwood School

Environmental Assessment Worksheet



Image credit: U+B Architecture & Design, Inc.

October 10, 2016

$Responsible\ Governmental\ Unit\ (RGU)$

City of St. Paul
Planning and Economic Development
25 W 4th St. #1300
St. Paul, MN 55102

https://www.stpaul.gov/





Telephone: 651-266-6565

Facsimile: 651-266-6549



CITY OF SAINT PAUL Christopher B. Coleman, Mayor

25 West Fourth Street Saint Paul, MN 55102

October 3, 2016

To: Environmental Quality Board (EQB) EAW Distribution List

From: Josh Williams, Senior Planner

RE: Distribution of EAW for Partial Demolition of Linwood School

As the Responsible Governmental Unit (RGU), the City of Saint Paul hereby is distributing for review the attached Environmental Assessment Worksheet. The public comment period will begin after publication of notice of availability of the EAW is published in the *EQB Monitor* on Monday, October 10, 2016, and run through the end of the day on Wednesday, November 9, 2016. All comments should be directed to me electronically or in hard copy at the addresses below. Please reference "Linwood School EAW" in the subject line of all electronic correspondence. I can be reached for questions at 651.266.6659.

Please address comments to:

Joshua Williams
Department of Planning Economic Development
25 W. Fourth Street
1300 CHA
Saint Paul, MN 55102

Josh.williams@ci.stpaul.mn.us

Environmental Assessment Worksheet (EAW)

Linwood School

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Environmental Assessment Worksheet (EAW)

Linwood School

This Environmental Assessment Worksheet (EAW) form and EAW Guidelines are available at the Environmental Quality Board's website at: http://www.eqb.state.mn.us/EnvRevGuidanceDocuments.htm. The EAW form provides information about a project that may have the potential for significant environmental effects. The EAW Guidelines provide additional detail and resources for completing the EAW form.

Cumulative potential effects can either be addressed under each applicable EAW Item, or can be addresses collectively under EAW Item 19.

Note to reviewers: Comments must be submitted to the RGU during the 30-day comment period following notice of the EAW in the *EQB Monitor*. Comments should address the accuracy and completeness of information, potential impacts that warrant further investigation and the need for an EIS.

1.	Project Title:	Linwood Monroe Arts Plus	Lower School Addition (Li	nwood School)			
2.	Proposer:	St. Paul Public Schools	RGU:	City of St. Paul			
2.	Contact person:	Tom Parent	Contact person:	Josh Williams			
	Title:	Director of Facilities	Title:	Senior Planner			
	Address:	1930 Como Avenue	Address:	25 West 4 th Street, Suite 1300			
		St. Paul MN, 55108		St. Paul, MN 55102			
	Phone:	(651) 744-1800	Phone:	(651) 266-6659			
	Fax:	(651) 290-8362	Fax:	(651) 266-6549			
	Email	tom.parent@spps.org	Email	josh.williams@ci.stpaul.mn.us			
4		AW Preparation	Discretionary:				
Required: ☐ EIS Scoping		☐ Citizen petition					
	✓ Mandatory EAW		□ RGU discretion				
			☐ Proposer initiated				
			-				
If		andatory give EQB rule categ	• •	name(s):			
	•	es Part 4410.4300, Subpart 31					
		Schools has assumed that the		•			
		od School is located within the	•	Il Historic District and the			
	project will inv	olve demolishing parts of the	existing building.				
5	. Project Loca	tion					
C	ounty:	Ramsey County, Minnesota					
C	ity/Township:	St. Paul					
P	LS Location (1/4, 1/4,	Section, Township, Range):	SW 1/4 of the SW 1/4 of S	Section 2, T28N, R23W			
		watershed scale): Mississippi					
G	PS Coordinates:	44.936057, -93.143403 (Proj	ject Center)				
Т	ax Parcel Number(s	0. 022823330034					

At a minimum attach each of the following to the EAW:

- County map showing the general location of the project;
- U.S. Geological Survey 7.5 minute, 1:24,000 scale map indicating project boundaries (photocopy acceptable); and
- Site plans showing all significant project and natural features. Pre-construction site plan and post-construction site plan.

6. Project Description

- a. Provide the brief project summary to be published in the EQB Monitor, (approximately 50 words).
 - St. Paul Public Schools is proposing partial demolition, renovation, and construction of an addition on Linwood School. The demolition will remove approximately 5,375 square feet of existing building. Approximately 38,972 square feet of floor space will be added to the building to address overcrowding and update the school to current educational standards.
- b. Give a complete description of the proposed project and related new construction, including infrastructure needs. If the project is an expansion include a description of the existing facility. Emphasize: 1) construction, operation methods and features that will cause physical manipulation of the environment or will produce wastes, 2) modifications to existing equipment or industrial processes, 3) significant demolition, removal or remodeling of existing structures, and 4) timing and duration of construction activities.

Project Location

The Linwood Monroe Arts Plus Lower School (Linwood School) is located at 1023 Osceola Ave. in St. Paul, Minnesota, within the State Register St. Paul Hill Historic District, and was originally constructed in 1922 (**Figure 1**). The school site covers 1.81 acres (78,933 sq.ft.) and consists of impervious surface (rooftops and pavement), a soft play area, and lawn with landscape trees. The site falls within the SW ¼ of the SW ¼ of Section 2, T28N, R23W (**Figure 2**). The site is bordered by Osceola Avenue on the south, S. Oxford Street on the west, Fairmount Avenue on the north, and single-family homes on the east.

Project Description

The Linwood School renovation and addition is proposed by St. Paul Public Schools (SPPS) to include approximately 5,375 square feet of building demolition and approximately 38,972 square feet of building addition floor space. The addition will have slab-on-grade construction and will be three stories tall, with some one-story addition space. About 90% of the additional floor space will be located in the three-story addition and the remainder will be in the one-story additions. The three-story addition will be approximately 47 feet tall and the single-story additions will be approximately 18.5 feet tall. The single-story additions will include approximately 875 square feet of green roof garden at the southwest corner of the addition. The gross building footprint will increase from 23,332 square feet to 32,112 square feet (from 28.7% to 39.5% of the lot coverage). The Demolition Plan and Proposed Site Plan for the school are included in **Appendix A**. Views of the existing school and renderings of views under proposed conditions are shown in **Appendix B**.

Parts of the existing building will be demolished during the renovation. These parts include the boiler room, coal rooms, and boiler stack, which were constructed in 1922, and the single-story kindergarten classroom addition, which was constructed in 2008. The existing boiler room, coal room, and smoke stack will be replaced with a new parking area and service access that will improve maneuvering space for service vehicles and trash haulers. The existing single-story kindergarten classroom will be replaced and expanded by the proposed three-story addition. Original restrooms will be demolished and replaced with modern facilities. The addition will include a new elevator equipment room that will replace an existing equipment room and hook up to the existing elevator. The alcove that encloses the existing gymnasium partition will be removed.

The school addition will consist of classrooms, a cafeteria, a kitchen, a kitchen mezzanine, offices, and bathrooms. The addition will also include an upper level mechanical area. The existing building will be renovated to provide classroom and motor room space for pre-kindergarten programs; specialty science, art, music, and drama classrooms; student services; a media center; a computer lab; administrative offices; and an updated stage and theater facilities in the existing gym. The building will be equipped with sprinklers for fire protection and the HVAC system will be completely replaced with efficient modern components. The school currently uses a natural gas boiler with a fuel oil back-up system. The existing natural gas steam boiler operates at about 80% burn rate efficiency. The proposed new natural gas boiler will operate at 95 to 98% efficiency and will replace the back-up fuel oil system entirely. Energy efficient LED lighting will be installed throughout the school.

The length of the three-story addition will be 147 feet where it faces Oxford Street and 127 feet where it faces Fairmount Avenue. These distances are substantially less than the existing three-story school street frontage facing Osceola Avenue, which is over 210 feet.

The proposed Site Plan (**Figure 3**) includes turf play fields, a hard-surface playground equipment area, a hard-surface sport court, and a wood chip soft surface play area. Other exterior improvements will include new bicycle racks, new benches, and a trash dumpster enclosure. Offstreet parking will increase from six existing spaces to 15 spaces that provide for improved safe service vehicle circulation. A subsurface grit chamber and infiltration basin will be constructed beneath the playfield in the northeastern part of the site to comply with stormwater management requirements of the Capital Region Watershed District.

Background and Neighborhood Engagement

The proposal to expand Linwood School originated as part of the St. Paul Public Schools (SPPS) public Facilities Master Plan (FMP) process initiated in 2014. The goal of the FMP was to provide equitable, efficient and cost-effective strategies to bring the district's facilities up to modern standards and accommodate evolving learning needs over the next 10 years. As a public process, the FMP process included a series of design workshops guided by the SPPS facilities department and their architects. The district invited parents, teachers, administrators, staff and community members to participate in these workshops.

In March of 2016, Linwood School plans resulting from the FMP process were submitted to the City of St. Paul in application for zoning variances. When concerns of neighbors became apparent shortly

thereafter, SPPS withdrew the variance application and conducted a Neighborhood Engagement Process to respond to those concerns.

During the Neighborhood Engagement Process, SPPS reviewed of the project with neighborhood residents, obtained their comments, and revised the project design to address neighborhood concerns. Project team members met with the Linwood Neighborhood Friends Committee on April 15, 2016, hosted a Neighborhood Meeting and Open House at Linwood School on April 21, 2016, and conducted Workgroup Meetings with the Summit Hill Neighborhood Association on May 18 and 25, 2016.

The project team addressed neighborhood concerns by revising the project design to: (1) reduce the lot coverage from 44.3% to 39.5%; (2) increase the size of the play area from the original application; (3) eliminate the curb cut and driveway to Fairmont Avenue; (4) relocate Early Childhood Family Education from the Linwood School to the Monroe School; and (5) reduce the variance request for building height from 50 to 47 feet.

Construction Timing

Project construction is slated to start in the spring of 2017 and be complete for the start of the school year in late summer of 2018. The school will remain open during the 2017-2018 school year and construction during this time period will focus on the addition and site work on the north side of the property. Renovation of the existing building will occur the summer of 2018. The expanded and renovated school is scheduled to be open for students in the fall of 2018.

This EAW was prepared with contributions from St. Paul Public Schools, U+B Architecture & Design, Rehder & Associates, Hess Roise Historical Consultants, and Kjolhaug Environmental Services.

c. Project magnitude:

Table 1. Project Magnitude

Characteristic	Number of Units
Total Project Acreage	1.81
Linear project length	NA
Number and type of residential units	0
Commercial building area (square feet)	0
Industrial building area (square feet)	0
Institutional building area (square feet)	38,972
Other uses – specify (acres)	NA
Structure height(s) (feet)	47

d. Explain the project purpose; if the project will be carried out by a governmental unit, explain the need for the project and identify its beneficiaries.

The purpose of the project is to update classroom sizes and services provided in St. Paul's Linwood Monroe Arts Plus program schools. The Arts Plus program is centered on an arts-focused education, integrating drama, music, and visual arts into the curriculum. The Linwood Monroe Arts Plus program includes two schools that serve students from pre-kindergarten through grade 8. Currently, kindergarten through 3rd grade students are located at the Linwood School, while early childhood family education, pre-kindergarten, and 4th through 8th grade students are served at the Monroe School, which is located at 810 Palace Avenue in St. Paul.

The proposed project will update classroom sizes at Linwood School to current educational standards, and improve the alignment of grades among the two schools by remodeling, renovating, and expanding the Linwood School. The Linwood School additions will enable the relocations of pre-kindergarten and 4th grade students from the Monroe School to the Linwood School.

Enrollment at Linwood School is forecast to increase from 305 students in 2015-2016 to a maximum of 457 students. The enrollment in 2003-2004 was 387 students. During approximately 2003 to 2010, overcrowding was addressed by establishing a temporary classroom structure on the northern part of the school site.

The existing school building is overcrowded due to its inability to meet modern school facility standards. Overcrowding is due to inadequacies of the building rather than over-enrollment. In 2014, SPPS assessed the Linwood School and the Monroe School as a part of their Facilities Master Planning process and determined that both buildings have undersized classrooms and inadequate services relative to current educational standards. To address these inadequacies in both schools and provide a better alignment of grade levels within the program, SPPS is pursuing an addition to the Linwood School that would allow the building to accommodate children from pre-kindergarten through grade 4 at this location.

e. Are future stages of this development including development on any other property planned or likely to happen? ☐ Yes ☒ No

If yes, briefly describe future stages, relationship to present project, timeline and plans for environmental review.

Future stages are not anticipated at this time.

f. Is this project a subsequent stage of an earlier project? ☐ Yes ☑ No If yes, briefly describe the past development, timeline and any past environmental review.

The proposed project is separate and distinct from previous additions or renovations of Linwood School, which occurred in 1924, 1965, 1995, and 2008.

7. Cover Types

Estimate the acreage of the site with each of the following cover types before and after development:

Table 2. Cover Types

Land Cover	Before (acres)	After (acres)		
Impervious Surface	0.87	1.13		
Lawn / Turf with Landscape Trees	0.74	0.47		
Soft Play Surface (Wood Chips)	0.20	0.21		
Grassland / Meadow	0.00	0.00		
Wetland	0.00	0.00		
Woodland	0.00	0.00		
Totals	1.81	1.81		

Existing cover types are shown on **Figure 4**.

8. Permits and Approvals Required

List all known local, state and federal permits, approvals, certifications and financial assistance for the project. Include modifications of any existing permits, governmental review of plans and all direct and indirect forms of public financial assistance including bond guarantees, Tax Increment Financing and infrastructure. All of these final decisions are prohibited until all appropriate environmental review has been completed. See Minnesota Rules, Chapter 4410.3100.

Table 3. Permits and Approvals Required

Unit of Government	Type of Application	Status	
City of St. Paul	Environmental Review	Application submitted	
City of St. Paul	Building Height and Lot Coverage Variance	Application submitted	
City of St. Paul	Site Plan Approval	To be applied for	
City of St. Paul	Building Permit	To be applied for	
Capital Region Watershed District	Stormwater Permit	To be applied for	
St. Paul Public Schools, School Board	Project Labor Agreement	To be applied for	
Metropolitan Council	Sewer and Water Determination	To be applied for	
Minnesota Department of Education	Project Labor Agreement	To be applied for	
Minnesota Pollution Control Agency	NPDES/SDS General Permit	To be applied for	
Minnesota Department of Health	Food License Plan Review	To be applied for	

Cumulative potential effects may be considered and addressed in response to individual EAW Item Nos. 9-18, or the RGU can address all cumulative potential effects in response to EAW Item No. 19. If addressing cumulative effect under individual items, make sure to include information requested in EAW Item No. 19

9. Land Use

- a. Describe:
 - i. Existing land use of the site as well as areas adjacent to and near the site, including parks, trails, prime or unique farmlands.

The project is proposed in a fully developed neighborhood of St. Paul. The Linwood School has existed on the site since 1922. The majority of the neighborhood surrounding the site is developed to single-family residential use (**Figure 5**). The St. Paul Tennis Club property is located about 100 feet west of the site, and the St. Paul Academy Summit School is located about 1,000 feet west-northwest of the site. Apartment buildings are located about 100 feet south, 400 feet southeast, 200 feet east, and 350 feet northeast of the site. Sidewalks are located along municipal streets in the project vicinity, but the immediate area does not include parks, trails, or prime or unique farmlands. Soils are described under **Item 10** of this EAW.

ii. Plans. Describe planned land use as identified in comprehensive plan (if available) and any other applicable plan for land use, water, or resources management by a local, regional, state, or federal agency.

The City of St. Paul Comprehensive Plan and Generalized 2030 Land Use Map show the project vicinity mapped as an established neighborhood. The site is located within the Capital Region Watershed District (CRWD) and CRWD reports do not show sensitive waters or planned projects mapped in the vicinity of Linwood School.

iii. Zoning, including special districts or overlays such as shoreland, floodplain, wild and scenic rivers, critical area, agricultural preserves, etc.

The City of St. Paul Zoning Map shows the project area zoned as R4 (One Family). The R1 to R4 one-family residential zoning districts provide for an environment of predominantly low-density, one-family dwellings along with civic and institutional uses, public services and utilities that serve the residents in the districts. The Linwood School is an educational facility and a permitted use in these residential zoning districts. The project area does not fall within or near a wild and scenic river, critical area, agricultural preserve, mapped floodplain, or shoreland overlay district.

b. Discuss the project's compatibility with nearby land uses, zoning, and plans listed in Item 9a above, concentrating on implications for environmental effects.

The proposed project is compatible with the surrounding and nearby land uses, and with the City of St. Paul Comprehensive Plan and residential Zoning Districts. However, the project will require variances from the City of St. Paul for building height and lot coverage. Because the R4 zoning district is generally intended for single-family residential use, the municipal code limits building height and building lot coverage to 30 feet and 35% in this zoning district, respectively. Under the proposed plan, the gross building footprint will increase from 23,332 square feet to 32,112 square feet (from 28.7% to 39.5% of the lot coverage).

The 47-foot building height proposed for the building addition is the same as the existing school building height. Matching the existing building height is necessary to provide ADA-accessible access between the floors of the existing building and the addition, and to provide modern mechanical and electrical building systems appropriate for schools and regulated by codes. A variance allowing additional height in conjunction with a slight increase in lot coverage will help consolidate the building mass to meet school program requirements and provide outdoor play areas for students and the neighborhood. Land use conflicts are not anticipated.

 Identify measures incorporated into the proposed project to mitigate any potential incompatibility as discussed in Item 9b above.

Land use incompatibility is not anticipated and no land use mitigation measures are proposed.

10. Geology, Soils and Topography / Land Forms

a. Geology - Describe the geology underlying the project area and identify and map any susceptible geologic features such as sinkholes, shallow limestone formations, unconfined/shallow aquifers, or karst conditions. Discuss any limitations of these features for the project and any effects the project could have on these features. Identify any project designs or mitigation measures to address effects to geologic features.

The Geologic Atlas of Ramsey County, Minnesota (University of Minnesota Geological Survey 1992) indicates that Platteville and Glenwood formations of dolostone and limestone bedrock are buried 100 to 150 feet beneath the surface of the site. The map of Minnesota Karst Lands by Alexander, Gao and Green (2006) indicates the general vicinity of the project is known to contain areas of karst underlain by carbonite bedrock with less than 50 to 100 feet of sediment cover. The presence of karst and limestone bedrock in the project vicinity suggest that conditions may be suitable for development of sinkholes, but sinkholes are not known to have occurred in the project vicinity and sinkhole mitigation measures are not proposed at this time.

The Minnesota County Well Index indicates the only registered well located within a half mile of the project site is about 1,500 feet north-northeast of the Linwood School near the intersection of Grand Avenue and Oxford Street. This well (Unique well number 200408) was drilled to a depth 317 feet and had static water at a depth of 137 feet. This well is discussed further under **Item 11.a.ii**.

b. Soils and topography - Describe the soils on the site, giving NRCS (SCS) classifications and descriptions, including limitations of soils. Describe topography, any special site conditions relating to erosion potential, soil stability or other soils limitations, such as steep slopes, highly permeable soils. Provide estimated volume and acreage of soil excavation and/or grading. Discuss impacts from project activities (distinguish between construction and operational activities) related to soils and topography. Identify measures during and after project construction to address soil limitations including stabilization, soil corrections or other measures. Erosion/sedimentation control related to stormwater runoff should be addressed in response to Item 11.b.ii.

The Web Soil Survey indicates the project area is mapped as Urban land-Waukegan complex, 3-15% slopes. This soil has not been rated for building site development or erosion factors. The Geotechnical Exploration prepared for the site by American Engineering Testing indicates soils on

the property consist of silty sand fill and sand. Grading operations during construction are expected to disturb approximately one acre and involve movement of approximately 1,100 cubic yards of soil. Grading will be necessary for disability access, stormwater storage, and soil correction beneath the new building foundation. Topographic mapping indicates that surface elevations on the property average about 915 feet above mean sea level and that elevations across the property vary about seven feet. The site includes about 250 feet of 1- to 3.75-foot tall retaining wall, but does not include any steep slopes.

The project will require application for coverage under the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) General Permit administered by the Minnesota Pollution Control Agency (MPCA) prior to initiation of earthwork. In compliance with the General NPDES Permit for construction activities, the project proponent and construction contractor will implement Best Management Practices (BMPs) to reduce erosion and sedimentation and stabilize exposed soils after construction. Erosion and sedimentation control BMPs related to stormwater runoff are discussed in greater detail under **Item 11.b.ii** of this EAW.

NOTE: For silica sand projects, the EAW must include a hydrogeologic investigation assessing the potential groundwater and surface water effects and geologic conditions that could create an increased risk of potentially significant effects on groundwater and surface water. Descriptions of water resources and potential effects from the project in EAW Item 11 must be consistent with the geology, soils and topography/land forms and potential effects described in EAW Item 10.

11. Water Resources

- a. Describe surface water and groundwater features on or near the site in a.i. and a.ii. below.
 - i. Surface water lakes, streams, wetlands, intermittent channels, and county/judicial ditches. Include any special designations such as public waters, trout stream/lake, wildlife lakes, migratory waterfowl feeding/resting lake, and outstanding resource value water. Include water quality impairments or special designations listed on the current MPCA 303d Impaired Waters List that are within 1 mile of the project. Include DNR Public Waters Inventory number(s), if any.

The project area does not include any wetlands, lakes, streams, intermittent channels, ditches, public waters, trout waters, wildlife lakes, migratory waterfowl feeding/resting lakes, or outstanding resource value waters. The nearest mapped surface water is the Mississippi River, which is located approximately 1.25 mile southeast of the project site. There are no impaired waters located within 1 mile of the project area.

ii. Groundwater – aquifers, springs, seeps. Include: 1) depth to groundwater; 2) if project is within a MDH wellhead protection area; 3) identification of any onsite and/or nearby wells, including unique numbers and well logs if available. If there are no wells known on site or nearby, explain the methodology used to determine this.

The Geologic Atlas of Ramsey County indicates the estimated depth to surficial groundwater is about 40 to 65 feet. The project is not within a MDH wellhead protection area or special well construction area. The site does not contain any wells as determined by site surveys and review of the Minnesota County Well Index. The Minnesota County Well Index indicates there is only one registered well located within a half mile of the project site. This well, unique well number 200408,

is located about 1,500 feet north-northeast of the project near the intersection of Grand Avenue and Oxford Street. This well has an overall depth of 317 feet and a depth to static water of 137 feet. The well log for well number 200408 is included in **Appendix C**.

- b. Describe effects from project activities on water resources and measures to minimize or mitigate the effects in Item b.i. through Item b.iv. below.
 - i. Wastewater For each of the following, describe the sources, quantities and composition of all sanitary, municipal/domestic and industrial wastewater produced or treated at the site.
 - 1) If the wastewater discharge is to a publicly owned treatment facility, identify any pretreatment measures and the ability of the facility to handle the added water and waste loadings, including any effects on, or required expansion of, municipal wastewater infrastructure.

The composition of wastewater generated by the project will be typical of wastewater from schools and similar to domestic wastewater. The project will not generate specialized commercial or industrial wastewater and no wastewater pretreatment measures have been considered.

Sanitary wastewater production for the project was estimated using methods described in the Sewer Availability Charge (SAC) 2015 Procedure Manual (Metropolitan Council 2015). Metropolitan Council has established 274 gallons per day (gpd) as the average daily wastewater production from a typical single-family home and determined that this amount of wastewater flow equals one SAC unit. Based on SAC unit per 420 square feet of school space, the expansion of Linwood School from 50,805 to 84,402 square feet is expected to increase wastewater generation by a maximum of 21,918 gallons per day.

Wastewater from the project will be routed to the St. Paul sanitary sewer system and ultimately to the Metropolitan Wastewater Treatment Plant (MWWTP) located on the Mississippi River near Pig's Eye Lake in St. Paul. With the capacity to treat 251 million gallons of wastewater per day (MGD), this is the largest wastewater treatment facility in Minnesota. The MWWTP is owned and operated by Metropolitan Council. The Metropolitan Council's 2040 Water Resources Policy Plan indicates the wastewater system plan includes a specific plan to serve the region's projected 2040 growth and a general plan to serve the region's growth far beyond 2040.

The City of St. Paul Water Resources Management Plan indicates that sanitary sewer capacity is ample for the city's projected growth in population and employment, but notes that it is important to verify available sewer capacity for the projected increased sewer flow wherever major redevelopment is planned. The project falls in St. Paul Sewer Service Area 1-SP-250. The City of St. Paul has planned for the sanitary sewer flow from this area to increase from 5 MGD in 2010 to 5.25 MGD in 2020.

Because the City of St. Paul and Metropolitan Council have planned for increased capacity to convey and treat sanitary wastewater, the proposed project is not expected to require the specific expansion of wastewater infrastructure or raise any wastewater capacity concerns. The City of St. Paul will confirm the adequacy of sewer and water service capacity confirmed during the required site plan review process.

2) If the wastewater discharge is to a subsurface sewage treatment systems (SSTS), describe the system used, the design flow, and suitability of site conditions for such a system.

Wastewater from the project will be discharged to the St. Paul municipal sanitary sewer system. Subsurface sewage treatment systems will not be used.

3) If the wastewater discharge is to surface water, identify the wastewater treatment methods and identify discharge points and proposed effluent limitations to mitigate impacts. Discuss any effects to surface or groundwater from wastewater discharges.

Wastewater will be treated in the MWWTP and then discharged to the Mississippi River. The MWWTP is an advanced secondary wastewater treatment plant located on the east bank of the Mississippi River approximately three miles south of downtown St. Paul. The plant began treating wastewater and incinerating dewatered sewage solids (sludges) in 1938. Treatment capability is maintained during times of flood by a levee and floodwall that protect the plant treatment area.

The plant uses an activated sludge process to treat wastewater for phosphorus and ammonia nitrogen removal prior to discharge to the Mississippi River. Sludge is processed by thickening, centrifugal dewatering, and fluidbed incineration with energy recovery (steam and electricity). These processing facilities were completed in 2004 as part of a major rehabilitation and upgrade program at the plant. At that time, six outdated multiple hearth incinerators were replaced with three fluid bed sludge incinerators, state-of-the-art air pollution control systems and an alkaline stabilization system that produces biosolids for agricultural utilization. Ash from incineration is landfilled.

ii. Stormwater - Describe the quantity and quality of stormwater runoff at the site prior to and post construction. Include the routes and receiving water bodies for runoff from the site (major downstream water bodies as well as the immediate receiving waters). Discuss any environmental effects from stormwater discharges. Describe stormwater pollution prevention plans including temporary and permanent runoff controls and potential BMP site locations to manage or treat stormwater runoff. Identify specific erosion control, sedimentation control or stabilization measures to address soil limitations during and after project construction.

Pre-Construction Site Runoff

Runoff from the existing school site contains nutrients typical of urban runoff, is slightly degraded by pollutants carried from impervious surfaces, and drains into the St. Paul municipal storm sewer system without treatment or rate control, ultimately discharging to the Mississippi River.

The existing site conditions include about 0.28 acre less impervious surface than existed on the site less than a decade ago. Prior to 2008, the turf playfield area was paved asphalt. At that time, about 1.15 acres (64%) of the site was impervious surface. When the proposed project is complete, about 1.13 acres (62%) of the site will be impervious surface.

Post-Construction Site Runoff

After the project is complete, runoff will drain to a subsurface infiltration basin that will be installed beneath the playground to comply with Capital Region Watershed District (CRWD), City of St. Paul, and Minnesota Pollution Control Agency (MPCA) requirements for runoff rate control, water quality

treatment, and infiltration. New storm sewer and structures will be installed to route runoff to the subsurface infiltration basin.

CRWD rules require that proposed runoff rates not exceed existing runoff rates for the 2-year, 10-year, and 100-year critical storm events. The rules require that stormwater runoff volume from a 1.1-inch rainfall event be retained and infiltrated onsite within 48 hours.

The 0.26-acre increase in impervious surface area is expected to result in an increase in the volume of runoff draining to the subsurface basin during significant storm events. However, the volume and rate control provided by the subsurface infiltration basin is expected to mitigate potential adverse effects of the increased impervious surface. As a result, the quality of runoff will not decrease and the rate of runoff will not increase in comparison to existing conditions. Although existing conditions do not provide for treatment, storage, or infiltration of runoff, stormwater from the entire site will drain to the subsurface infiltration basin when the project is complete, resulting in a net improvement in stormwater treatment.

Stormwater and Erosion Control BMPs

Because the project will involve disturbance of approximately one acre of land, the project proponent will be required to submit an application for coverage under the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) General Permit to the MPCA prior to initiating earthwork on the site. BMPs will be employed during construction to reduce erosion and sediment loading of stormwater runoff. Inspection of BMPs will be required after each rainfall exceeding 0.5 inches in 24 hours, and on a routine basis every 7 days. The NPDES permit also requires perimeter sediment control maintenance and sediment removal. BMPs to be implemented during construction include practices such as:

- 1. Construction of temporary sediment basins during construction.
- 2. Installation of perimeter erosion controls prior to initiation of earthwork.
- 3. Periodic street cleaning or other practices to reduce tracking of dirt onto public streets.
- 4. Stabilization of exposed soils within the time limits specified in the General NPDES permit.
- 5. Use of cover crops and landscaping to stabilize exposed surface soils after final grading.

Erosion control plans will be reviewed and accepted by the City of St. Paul prior to project construction. Potential adverse effects from construction-related sediment and erosion on water quality will be minimized by implementation of the above BMPs during and after construction.

iii. Water Appropriation. Describe if the project proposes to appropriate surface or groundwater (including dewatering). Describe the source, quantity, duration, use and purpose of the water use and if a DNR water appropriation permit is required. Describe any well abandonment. If connecting to an existing municipal water supply, identify the wells to be used as a water source and any effects on, or required expansion of, municipal water infrastructure. Discuss environmental effects from water appropriation, including an assessment of the water resources available for appropriation. Identify any measures to avoid, minimize, or mitigate environmental effects from the water appropriation.

Surface/Groundwater Appropriations and Dewatering

The project will not involve installation of new water wells and it is not expected to involve appropriation of surface waters. The project area does not include any wells and it will not involve well abandonment.

Development of the project area would require a MnDNR water appropriation permit if dewatering becomes necessary for installation of footings, utilities, or the subsurface stormwater basin, and if dewatering exceeds 10,000 gallons/day or 1,000,000 gallons/year. If construction dewatering does not exceed 50 million gallons in total and a duration of one year from the start of pumping, the proposed action will be eligible for coverage under the amended MnDNR General Permit 1997-0005 for temporary water appropriations. Although the extent and duration of construction dewatering that may be necessary is unknown at this time, any dewatering necessary is expected to be temporary. It is not anticipated that construction dewatering will be extensive or continue long enough to impact domestic or municipal wells.

Connection to a Public Water Supply System

The project is connected to the St. Paul municipal water supply, which draws water from five sources: (1) the Mississippi River (principal source); (2) the Vadnais Lake Watershed (principal source); (3) reserve wells located at the south end of the Vadnais Lake Watershed; (4) the Rice Creek Chain of Lakes (reserve source); and (5) Otter and Bald Eagle Lakes (reserve source). The project is not expected to require expansion of municipal water infrastructure.

The City's reserve wells, located in the Vadnais Lake Watershed, include 11 wells that draw water from the Prairie du Chien-Jordan aquifer (**Table 4**). These wells and the other sources listed above have historically provided an ample water supply for the City of St. Paul and suburban communities. The water supply is pumped from the St. Paul Water Utility's McCarron pump station. From there, it enters a distribution system consisting of approximately 1,100 miles of water mains in the City of Saint Paul and suburban communities. The total water storage capacity is 131 million gallons, approximately two and a half times the average daily demand.

The 11 wells have a combined permitted capacity to appropriate 27,500 million gallons/year (MGY). During 2005-2015, these wells used a maximum of 2,375 MGY, so the City of St. Paul and the existing well field have sufficient surplus municipal water capacity to serve the proposed project.

Permitted Volume Well No. Permit No. (MGY) 1977-6229 225622 2,500 1977-6229 133312 2,500 1977-6229 127292 2,500 1977-6229 151583 2,500 1977-6229 2,500 151579 1977-6229 706803 2,500 1977-6229 706208 2,500 1977-6229 753666 2,500 1977-6229 753667 2,500 1977-6229 759568 2,500 1977-6229 759569 2,500 Total 27,500

Table 4. St. Paul Water Supply Water Appropriation Permits

The City of St. Paul is member of the Upper Mississippi River Source Water Projection Project. Source water protection helps prevent drinking water from becoming polluted by managing or eliminating possible sources of contamination in the watershed that supplies source water. Source water protection areas are located north and northwest of St. Paul. The project area does not fall within a source water protection area.

iv. Surface Waters

a) Wetlands. Describe any anticipated physical effects or alterations to wetland features such as draining, filling, permanent inundation, dredging and vegetative removal. Discuss direct and indirect environmental effects from physical modification of wetlands, including the anticipated effects that any proposed wetland alterations may have to the host watershed. Identify measures to avoid (e.g., available alternatives that were considered), minimize, or mitigate environmental effects to wetlands. Discuss whether any required compensatory wetland mitigation for unavoidable wetland impacts will occur in the same minor or major watershed, and identify those probable locations.

The project area does not include surface waters or wetlands and the proposed project is not expected to result in any physical effects on or alterations to surface waters or wetlands.

b) Other Surface Waters. Describe any anticipated physical effects or alterations to surface water features (lakes, streams, ponds, intermittent channels, county/judicial ditches) such as draining, filling, permanent inundation, dredging, diking, stream diversion, impoundment, aquatic plant removal and riparian alteration. Discuss direct and indirect environmental effects from physical modification of water features. Identify measures to avoid, minimize, or mitigate environmental effects to surface water features, including in-water Best Management Practices that are proposed to avoid or minimize turbidity/sedimentation while physically altering the water features. Discuss how the project will change the number or type of watercraft on any water body, including current and projected watercraft usage.

The project area does not include surface waters or wetlands and the proposed project is not expected to result in any physical effects on or alterations to surface waters or wetlands.

12. Contamination / Hazardous Materials / Wastes

a. Pre-project site conditions - Describe existing contamination or potential environmental hazards on or in close proximity to the project site such as soil or ground water contamination, abandoned dumps, closed landfills, existing or abandoned storage tanks, and hazardous liquid or gas pipelines. Discuss any potential environmental effects from pre-project site conditions that would be caused or exacerbated by project construction and operation. Identify measures to avoid, minimize or mitigate adverse effects from existing contamination or potential environmental hazards. Include development of a Contingency Plan or Response Action Plan.

A site walk-through conducted on July 13, 2016 did not result in visual observations of stressed vegetation or stained soils. A search of MPCA's "What's in My Neighborhood" website revealed that the Linwood School site, identified as ISD 625, is the location of:

- 1. leak site 1510;
- 2. tank site 3355;
- 3. an existing 10,000-gallon fuel oil tank, and
- 4. a small-quantity hazardous waste generator.

The tank leak was identified as leak site 1510 and the leak was discovered and reported on June 22, 1988, when the tank was being removed and the soils were monitored for volatile organic compounds. Fuel oil had leaked from a 6,000-gallon underground storage tank, which was registered as tank 123. Groundwater contamination was not documented from the leak, and the leak site was closed by MPCA staff on September 15, 1989. The 6,000-gallon fuel oil tank was removed on June 23, 1988. It was replaced with a 10,000-gallon underground fuel oil tank on July 6, 1988, which was registered as tank 171. Although this tank has double-wall fiberglass construction and is still active at the site location, it will be removed from the site in conjunction with renovation of the school. The school currently uses a natural gas boiler with a fuel oil back-up system. The existing natural gas steam boiler operates with about 80% burn rate efficiency. The proposed new natural gas boiler will operate at 95 to 98% efficiency and will replace the back-up fuel oil system entirely.

The project site was also identified as small-to-minimal quantity hazardous waste generator MND985668359. Hazardous waste includes substances that are corrosive, explosive, toxic and/or fire hazards. Small to minimal quantity generators produce 0 - 1,000 kilograms of hazardous waste per calendar month. The hazardous waste generation was dated July 22, 2015 and the site is currently considered inactive. Further details about the hazardous waste were not available from the MPCA website.

b. Project related generation/storage of solid wastes - Describe solid wastes generated/stored during construction and/or operation of the project. Indicate method of disposal. Discuss potential environmental effects from solid waste handling, storage and disposal. Identify measures to avoid, minimize or mitigate adverse effects from the generation/storage of solid waste including source reduction and recycling.

St. Paul Public Schools uses the Green Halo Waste Data Tracking System to track trash, recycling, and food waste/organics and allow the public to view the resulting data online. The system allows tracking of waste types, volumes, and diversion. During the past year, Linwood School has generated about 62.57 tons of solid waste. About 20% of that waste has been recycled, composted, or used as livestock feed (**Table 5**). The remainder has been trucked to a landfill. The proposed project is expected to increase solid waste generation at the school by about 50%, roughly proportional to the expected increase in enrollment. St. Paul Public Schools works to continually improve waste-prevention and recycling performance. The goal of St. Paul Public Schools is to divert 60% of all solid waste materials from landfilled trash to recycling and other reuses by 2020.

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Waste Type	Tons	%	% Recycled	% Disposed		
Waste (Trash)	50.16	80.17	0	80.17		
Mixed Recyclables	4.71	7.53	7.53	0		
Compostable Food Wastes	7.70	12.31	12.31	0		
Total	62.57	100.01	19.84	80.17		

Table 5. Linwood School Solid Waste Composition, 2015-2016

Source: St. Paul Public Schools: http://www.spps.org/Page/21633).

Demolition of parts of the school building and construction of the additions will generate a considerable amount of building material solid waste. Construction contractors will be expected to minimize and mitigate adverse effects from solid waste generation and storage by recycling construction waste to the degree practicable and dispose of wastes generated at the site during construction using approved methods and facilities. Neither the construction process nor school operations are expected to generate substantial animal manure, sludge, or ash.

c. Project related use/storage of hazardous materials - Describe chemicals/hazardous materials used/stored during construction and/or operation of the project including method of storage. Indicate the number, location and size of any above or below ground tanks to store petroleum or other materials. Discuss potential environmental effects from accidental spill or release of hazardous materials. Identify measures to avoid, minimize or mitigate adverse effects from the use/storage of chemicals/hazardous materials including source reduction and recycling. Include development of a spill prevention plan.

Demolition of part of the school and construction of the school addition may involve use of small amounts of hazardous wastes, such as fuels used by construction equipment, fuel stored onsite during construction, adhesives, solvents, etc. After completion of construction, continued operation of the school may involve storage or generation of small amounts of hazardous wastes, such as paints, copier toner, cleaners, and adhesives. Construction activities and school operation is not expected to store, generate, or release hazardous materials in quantities or concentrations that pose a substantial risk of environmental effects. The potential for adverse effects will generally be minimized by

storing small quantities of hazardous substances in storage rooms and cabinets that are not accessible by students.

d. Project related generation/storage of hazardous wastes - Describe hazardous wastes generated/stored during construction and/or operation of the project. Indicate method of disposal. Discuss potential environmental effects from hazardous waste handling, storage, and disposal. Identify measures to avoid, minimize or mitigate adverse effects from the generation/storage of hazardous waste including source reduction and recycling.

Hazardous materials generated during demolition of part of the school, construction, or school operations may include demolition debris from asbestos-containing building materials, used copier toner cartridges, and used containers from solvents or adhesives. These materials will be disposed of in compliance with regulations. Laboratory chemicals are not expected to be used on the site because the school will serve students only from pre-kindergarten through 4th grade.

13. Fish, Wildlife, Plant Communities and Sensitive Ecological Resources (Rare Features)

a. Describe fish and wildlife resources as well as habitats and vegetation on or in near the site.

Fish and wildlife resources on and near the site are related to the composition, quality, size, and connectivity of plant communities such as manicured turf and woodlands. Vegetation cover type mapping in the project area was based on aerial photography, site mapping, and field reviews (**Figure 4**). The majority of the project area consists of impervious surface (48%) and lawn with landscape trees (41%). A play area covered with wood chips covers about 11% of the site.

Trees planted on the school grounds and adjoining boulevards include 10 green ash, five amur maples, four apple trees, two American elms, one honey locust, and one serviceberry. The site also includes lilac shrubs, two small prairie wildflower/pollinator gardens, and a number of vegetable garden boxes. The natural plant communities nearest to the site are the wooded slopes located about 0.25 mile south of the school, immediately north of the junction of Ayd Mill Road and I-35E. Habitats in the project area are used by common species of urban wildlife such as gray squirrels, pigeons, starlings, robins, and sparrows. St. Paul Public Schools facilities staff have indicated the primary interaction they have had with wildlife at Linwood School has involved removing pigeon droppings from the chimney about once every 10 years.

b. Describe rare features such as state-listed (endangered, threatened or special concern) species, native plant communities, Minnesota County Biological Survey Sites of Biodiversity Significance, and other sensitive ecological resources on or within close proximity to the site. Provide the license agreement number (LA-732) and/or correspondence number (ERDB _______) from which the data were obtained and attach the Natural Heritage letter from the DNR. Indicate if any additional habitat or species survey work has been conducted within the site and describe the results.

The project proponent's team requested a review of the MnDNR Natural Heritage Inventory System (NHIS) to assess whether known locations of rare plant or animal species or other significant natural features are known to occur within an approximate one-mile radius of the project area. Because the response from the MnDNR was pending at the time this EAW was distributed for comments,

Kjolhaug Environmental Services queried a licensed copy of the NHIS for rare species and sensitive habitats located in proximity to the site. The query did not identify any NHIS-listed rare species or natural features within one mile of the project. The nearest occurrences of rare features were records of three species of rare mussels (Wartyback, Black sandshell, and Fawnsfoot) that have been documented in the Mississippi River, which is located about 1.25 miles southeast of the school.

c. Discuss how the identified fish, wildlife, plant communities, rare features and ecosystems may be affected by the project. Include a discussion on introduction and spread of invasive species from the project construction and operation. Separately discuss effects to known threatened and endangered species.

The project will not have a substantial effect on the common urban wildlife species that frequent the area. The school addition and improvements will convert approximately 0.26 acre of lawn with landscape trees to impervious surfaces to accommodate the larger school footprint and increased parking. These activities will involve the removal of 4 apple trees, 2 amur maple trees, and 1 American basswood. The vegetable garden will be moved from the box garden to the 875-square-foot roof garden. The pollinator gardens and lilac shrubs will not be affected by the proposed project.

d. Identify measures that will be taken to avoid, minimize, or mitigate adverse effects to fish, wildlife, plant communities, and sensitive ecological resources.

Activities that help minimize effects on wildlife include establishment of the 875-square-foot green roof and preservation of the pollinator gardens and most of the trees on the site.

14. Historic Properties

Describe any historic structures, archeological sites, and/or traditional cultural properties on or in close proximity to the site. Include: 1) historic designations, 2) known artifact areas, and 3) architectural features. Attach letter received from the State Historic Preservation Office (SHPO). Discuss any anticipated effects to historic properties during project construction and operation. Identify measures that will be taken to avoid, minimize, or mitigate adverse effects to historic properties.

This section evaluates potential effects on historic resources, known archaeological sites, historic districts, and the historic integrity of Linwood School, including the building's exterior, interior, and landscape. The Minnesota State Historic Preservation Office (SHPO) conducted a search of the Minnesota Archaeological Inventory and Historic Structures Inventory. The SHPO report containing the results of the cultural resource database search is provided in **Appendix D**. The SHPO report identified several historical/architectural properties, but it did not identify any archaeological sites in the search area. Hess Roise and Company prepared a Technical Report that evaluates historic resources in detail, which is provided in **Appendix E**. The following evaluation concludes that demolition and alteration of parts of the school will not substantially diminish the historic integrity of the Linwood School property. Potential indirect effects are minor and limited to immediately adjacent properties. As a whole, the proposed project is unlikely to adversely affect the historic integrity of Linwood School or the state Historic Hill District.

Historic Resources

Maps for local, state, and National Register historic districts were consulted to identify resources in the area that could potentially be affected by the proposed project. The Linwood School is in the Historic Hill District, which was listed in the Minnesota State Register of Historic Places in 1974. It is not within the bounds of the National Register Historic Hill District or the local Historic Hill Heritage Preservation District.

Physical changes produced by the proposed project are expected to have potential direct negative effects on Linwood School and its setting. The project also has potential positive effects because it enables the continued use of and access to the school. The Demolition Plan and Proposed Site Plan for the school are included in **Appendix A**. Views of the existing school and renderings of views under proposed conditions are shown in **Appendix B**.

The properties surrounding Linwood School are also within the boundaries of the state Historic Hill District. None of these resources, however, will be affected directly by the proposed project. The proposed addition has the potential to impact the setting of the residential properties west of the school across South Oxford Street and north across Fairmount Avenue. These potential visual impacts, however, will be minor and will not diminish the integrity of those properties.

The school and surrounding properties will be subjected to atmospheric and audible elements from construction activities during the construction period. The potential negative effects, however, will be relatively short in duration, minimized by the contractor's work practices, and will not result in permanent changes to nearby properties.

The state district does not identify any archeological sites in its boundaries and there are no known archaeological resources in the project area or its immediate vicinity that will be affected directly or indirectly by this project.

Linwood School

This section summarizes the history and evolution of Linwood School and its landscape. A more detailed description of the property and its history can be found in the Technical Report (**Appendix E**).

Linwood School has evolved since its construction in 1922. The facility was designed by Saint Paul's city architect, Charles Hausler, and included a three-story building made of red brick with Neoclassical detailing and large bands of windows. A shallow, one-story boiler room and a tall, brick smokestack at the rear of the school were also part of the original plan. Continued growth in the neighborhood required an addition in 1924. It was constructed on the west side of the original building, using the same materials and the same architectural details.

In 1966, a one-story, multipurpose addition was constructed on the north side of the 1922 building to serve as a gymnasium, cafeteria, and auditorium. The addition had solid brick walls and no architectural ornamentation, making it distinctly utilitarian in comparison to the 1922 and 1924 blocks, but the addition reflected the character of the neighboring boiler room and smokestack.

In 1980, the school underwent an interior renovation to refresh finishes and modify classrooms and ancillary spaces. Sometime before 1990, the smokestack's original flared cap was removed, reducing the overall height by approximately 7 to 9 feet. After the alteration, a metal band was added to the top of the smokestack for reinforcement.

The school received its third addition in 1995 for a stairwell and elevator. This addition was constructed on the west wall of the 1924 section and was slightly set back from the main facade. It has similar brickwork and details as the 1922 and 1924 sections and is nearly indistinguishable as an addition.

The most recent addition to Linwood School was built in 2008. This asymmetrical, one-story segment was attached to the north wall of the 1995 addition and the west wall of the 1966 addition. While its massing is very different from the earlier parts of the building, it was constructed using similar materials and ornamentation.

The landscape surrounding the school has undergone several changes since the building's initial construction. Based on historic aerial photographs, it appears that the north side of the property was originally an ungroomed dirt field, although the exact surface material is unclear. Additional photographs taken during subsequent decades indicate that the landscape remained this way for a large portion of the school's history. Sometime before 1991, the entire north side of the property was paved and a playground was constructed in the southeast corner. In 1999, a portion of the asphalt in the northwest corner was removed and a playground was installed. Around this same time, the southeast playground was also removed and a temporary classroom was constructed north of the boiler room.

The most significant alterations to the landscape occurred in 2011. That year, nearly all of the asphalt was removed from the north side of the lot and replaced with grass fields. An angled sidewalk was installed running from Fairmount Avenue to the 1966 addition. Pavement was retained west of the new sidewalk and that area is now used as a sport court. The final landscape change during this renovation was the demolition of the temporary classroom.

Assessing Significance

The Historic Hill District was listed on the Minnesota State Register of Historic Places in 1974. The district's documentation includes only a description of its boundary and does not delineate between contributing and non-contributing structures. Additionally, there is no statement of significance.

In consultation on another property listed only in the state historic district, the State Historic Preservation Office (SHPO) concluded that the statement of significance and period of significance for the National Register Historic Hill District cannot be applied to the state district: "The two districts are not conceptually similar. . . . The much larger state district included buildings with less distinctive architecture as well as buildings constructed after 1930, but before the listing date of 1974." (Letter from Sarah Biemers to Amy Spong, May 5, 2016)

In the same letter, the SHPO stated that when evaluating properties in the state district it is best to "take the broadest possible approach to assessing properties for contributing/noncontributing status." A building is considered contributing if it is within the boundaries of the district, was constructed prior to listing in 1974, and retains integrity to the date of listing (1974).

Using these standards, the Linwood School is a contributing resource in the state Historic Hill District. The building is within the boundaries of the historic district and was constructed prior to 1974. Linwood School retains good integrity despite two additions, two interior renovation projects, and landscape alterations after 1974. Both additions dating from after the district's period of significance are relatively small and were constructed using similar materials and architectural detailing. Because of this, they do not diminish the integrity of the building. Linwood has also undergone two interior renovation projects (1980, 2005) since the district's listing. Both projects consisted of the installation of a few new partition walls and the replacement of select finishes. Through both renovations, the integrity of most character-defining spaces was preserved. In regard to the landscape, the conversion of historically grass-free land north of the school to a grass playfield has not appreciably diminished the integrity of the property as a whole. It remains an open schoolyard and is identifiable as such, even though the materials have changed. Cumulatively, the alterations and additions completed after 1974 do not significantly diminish Linwood's integrity and the school remains a contributing resource in the historic district.

Anticipated Effects

The proposed rehabilitation will upgrade obsolete mechanical systems; create an addition with new classrooms, thereby minimizing changes to the historic structure; and make necessary modifications to the historic building to continue its educational function. The plan has been revised after comments from neighborhood representative and historic consultants. The changes resulting from the neighborhood engagement process are described under **Item 6b** of this EAW.

This section discusses the potential effects of the proposed project on the historic integrity of the school and the state Historic Hill District. A more in-depth discussion of the potential effects and how the project relates to the Secretary of the Interior's Standards for Rehabilitation is included in the Technical Report (**Appendix E**).

Exterior

As noted above, the only resource in the state Historic Hill District directly affected by the proposed project is Linwood School. The project proposes the demolition of three components of the school complex: the boiler room and smokestack, both dating from 1922, and the 2008 addition.

The demolition of the boiler room and smokestack will allow for expansion of the loading area and playfields north of the school and is essential for safe and efficient loading operations. While both structures are character-defining features, their demolition will not impair the overall integrity of the property. The boiler room and smokestack are on a secondary wall and shielded from view by other sections of the school, which reduces their influence on the property's visual character. Both elements also do not have the broad ribbons of windows or architectural detailing that define the character of the main classroom block. While the smokestack displays a more utilitarian design than other sections of the building, its height makes it a visible feature in the neighborhood. It also

communicates the history of mechanical technology at the time of the Linwood School's construction. This legacy will continue to be communicated, though, by the pair of 1922 ventilation towers, which are also tall vertical elements, that will be retained. Finally, the interior of the boiler room is not as central to the school's character as the corridors, classrooms, and gymnasium. For these reasons, the potential effect of the removal of the boiler room and smokestack appears to be minor.

The demolition of the classroom addition will allow for the construction of a new addition. Built in 2008, it has not acquired significance on its own and its demolition also does not constitute an adverse effect.

Other exterior alterations include the demolition of a small bump-out on the north wall of the 1966 addition, the installation of a new entrance in the south wall of the 1995 addition, and the demolition of a post-1980 storage shed. None of these changes will substantially impact the integrity of Linwood School.

The project includes the construction of a new classroom addition. It will attach to the west walls of the 1966 and 1995 additions and the north walls of the 1924 and 1966 additions. The design of the proposed addition will complement, not compete with, the historic building. The proposed addition is the same height as the historic building, and its southernmost section is only one-story tall, which will reduce the addition's scale in relation to the primary south facade. The massing, like that of the historic school, will comprise large rectilinear wall areas of consistent materials. The upper floors of the addition will be clad in metal panels, which will reduce its visual weight and make it subservient to the historic building. The remainder of the exterior will be red brick to complement the historic building, and it will also feature bands of windows like the 1922 and 1924 sections. While the windows emphasize the horizontal dimension, both the historic and proposed facades are accented by vertical elements that add architectural interest. The new construction appears to conform to the Secretary of the Interior's Standards and does not constitute an adverse effect. A detailed discussion of the design in relation to the Standards is included in the Technical Report (**Appendix E**).

Interior

Linwood requires a series of interior alterations to meet current education standards, principally regarding classroom size. Linwood's classrooms are considered undersized today, particularly for the arts program that occupies it. The proposed new addition will accommodate many of the program's needs by providing new classrooms. Partition walls between some classrooms in the historic building will also be removed to create larger art studios, but a frame of the wall will be left to reference the original dimension of the classrooms.

A former kindergarten classroom on the first floor will be converted into the main administration office for the school. The floor in this space is sunken below the level of the corridor, making it inaccessible to people with disabilities. The floor level will be raised to match the corridor. Acoustic-tile clouds will be installed to deaden sound and obscure ductwork for a new HVAC system, but the clouds will be as high as possible and pulled back from the perimeter of the room to retain the sense of volume that characterizes the space. New partition walls will be installed in the room to frame new offices. A historic entrance at the southwest corner of the room will be retained on the exterior,

but will not remain functional because of the floor-level change. Along the north wall, there are four sets of original, narrow, hinged windows at the corridor level. The center two sets will be replaced with compatible doors, but the outer pairs will be left in place. To meet fire code requirements for exit from a fire egress stairway, another door will be installed in a non-historic brick section of the east partition wall.

On each floor, the north classroom in the 1924 addition will be removed to make way for a new corridor leading to the proposed addition. The corridor will be installed through the west side of the former classroom and the remainder of the space will be converted into a student lounge. This area has been altered several times on each floor. With the construction of the 1966 addition, a corridor to the new addition was installed through the first-floor classroom and the rest of the space was used for storage. In 1980, new partition walls were installed to turn the storage space into offices. In 1995, the partition walls were removed and reinstalled on a new alignment. The second-floor classroom has remained comparatively stable since 1924. The south wall was slated for demolition during the 1980 renovation, but it does not appear to have been removed. The third floor of the 1924 addition originally served as the school's gymnasium. When the 1966 addition was constructed, that space was divided into two classrooms. The north classroom's south wall was also marked for removal in 1980, but that change was not carried out.

The historic character of the building's corridors will remain largely intact. The halls have plaster ceilings, painted concrete walls, and terrazzo floors with an inset vinyl runner. Obsolete ductwork and other mechanical equipment runs above the ceilings, accessible by small panels. Banks of recessed lockers, which are no longer used, line the hallways. There are also two small, original alcoves for water fountains on each floor, which hold non-historic fountains. For this project, the plaster ceiling will be removed to allow existing ductwork and mechanical equipment to be replaced, and a new acoustic-tile ceiling will be installed at the historic height. Some banks of lockers may be replaced with display cases in their recesses, maintaining the visual rhythm of the corridors. New tile backsplashes will be installed within the water-fountain alcoves and the original glazed-brick border will be retained. The non-historic vinyl runner will be replaced with a new vinyl or rubber runner and the historic terrazzo will be retained.

The interior of the 1966 addition will also be modified. A stage on the south side of the auditorium/gymnasium/cafeteria was altered during the 1980 renovation. During that project, a door and stairway at the rear of the stage, which led to a storage room, were removed. In addition, the original stage door was removed and a new panel door was installed. There were apparently other changes to the stage at another time because it has two different types of wood flooring. Because Linwood School holds an arts magnet school, a larger theater space is critical for its programs. The proposed project will widen the stage and extend the proscenium further north, a further modification to the altered stage and a change to the character of the space. While this adversely affects this area, it does not damage the overall integrity of the historic property. The change is justified as part of a rehabilitation to adapt the facility to changing needs and keep its educational function.

Landscape

The proposed project includes changes to the landscape north of the school. While this section of the property has historically been open recreation space, it has undergone many alterations and the only

feature dating from the district's period of significance is a concrete retaining wall along the northeastern edge, which will be kept. Details on the evolution of the landscape are included in the Technical Report (**Appendix E**). The existing playground and sport court are irregularly shaped and do not efficiently use the outdoor space. They will be removed and reinstalled in a more economical arrangement. The northeast corner of the lot will continue to be used as a grassy playfield. As mentioned above, the retaining wall will be maintained, but the non-historic chain-link fence will be removed and replaced with a metal ornamental fence similar to the one along the south edge of the property.

Historic Hill District

The proposed project will only directly affect Linwood School. The new construction has the potential, however, to have an indirect visual effect on some surrounding properties, which are also in the Historic Hill District. These effects are reduced by existing construction and vegetation. The new addition will be attached to Linwood's west and north walls, and the existing building will block the view of the addition from properties southeast of the school. The two lines of mature trees that run along Fairmount Avenue will lessen the addition's visual impact on the properties to the north. The addition will have the most impact on the houses immediately west of the school across South Oxford Street. The change in setting, however, will not substantially diminish their integrity and does not constitute an adverse effect.

The smokestack is a strong vertical feature in the neighborhood and communicates the mechanical history of the school. The 1922 ventilation towers will continue to serve as strong vertical features that communicate the mechanical history of Linwood.

The proposed addition has the potential to affect, directly or indirectly, only a small number of the hundreds of properties in the historic district. Those potential effects will not significantly reduce the integrity of any individual property and are expected to have no cumulative effects on the historic district.

Summary of Effects

The proposed new construction will match the height of the existing building and comply with the Secretary of the Interior's Standards. The exterior demolition and alterations will not substantially diminish the integrity of the property. On the interior, the majority of the historic material will be retained and the proposed modifications are necessary to allow the historic structure to continue its educational function. Linwood's landscape has already undergone several alterations and the proposed changes to the site are unlikely to diminish the overall integrity of the property. The potential indirect effects are minor and limited to immediately adjacent properties. As a whole, the proposed project is unlikely to adversely affect the integrity of Linwood School or the state Historic Hill District.

15. Visual

Describe any scenic views or vistas on or near the project site. Describe any project related visual effects such as vapor plumes or glare from intense lights. Discuss the potential visual effects from the project. Identify any measures to avoid, minimize, or mitigate visual effects.

There are no scenic views or vistas located on or near the property, and substantial effects on visual resources are not anticipated in conjunction with the project. Although the project will require variances for building height and lot coverage, the increased setbacks and consistent building height are expected to mitigate potential effects on views from the surrounding neighborhood. The building location currently exceeds minimum setbacks from property lines and will continue to exceed minimum setbacks when the project is complete. U+B Architecture & Design completed a seasonal sun/shade study and concluded that the effect of shadows caused by the building addition will be comparable to shadow effects that would result if the building were designed to meet the minimum required setbacks and the maximum allowable building height. Consequently, the project is not expected to create a substantial change in visual quality or integrity of the neighborhood. It will not involve installation of intense lights that would cause glare, nor will it include emission of vapor plumes.

16. Air

a. Stationary source emissions. Describe the type, sources, quantities and compositions of any emissions from stationary sources such as boilers or exhaust stacks. Include any hazardous air pollutants, criteria pollutants, and any greenhouse gases. Discuss effects to air quality including any sensitive receptors, human health or applicable regulatory criteria. Include a discussion of any methods used assess the project's effect on air quality and the results of that assessment. Identify pollution control equipment and other measures that will be taken to avoid, minimize, or mitigate adverse effects from stationary source emissions.

The proposed project will not include heavy industrial facilities or substantial stationary source air emissions. The existing chimney, boiler, and fuel oil tank will be removed. The existing natural gas boiler and fuel oil back-up system will be replaced with new natural gas boiler that will operate at 95 to 98% efficiency and replace the fuel oil back-up system entirely. The proposed high efficiency condensing natural gas boiler system is expected to reduce emissions of the school. The proposed new natural gas boiler is specified to have CO emissions less than 50 ppm corrected to 3% O2, and NOx emissions less than 100 ppm corrected to 3% O2, over the entire turndown range. The project has not been deemed to require an air quality assessment or pollution control equipment.

b. Vehicle emissions. Describe the effect of the project's traffic generation on air emissions. Discuss the project's vehicle-related emissions effect on air quality. Identify measures (e.g. traffic operational improvements, diesel idling minimization plan) that will be taken to minimize or mitigate vehicle-related emissions.

Traffic related to buses, passenger vehicles, and service vehicles will generate a relatively small amount of carbon monoxide and other vehicle-related air emissions. The project area is expected to have a negligible effect on air quality. Consequently, the project is not proposed to include baseline air quality monitoring, predictive air quality modeling, or measures to mitigate air quality impacts.

c. Dust and odors - Describe sources, characteristics, duration, quantities, and intensity of dust and odors generated during project construction and operation. (Fugitive dust may be discussed under item 16a). Discuss the effect of dust and odors in the vicinity of the project including nearby sensitive receptors and quality of life. Identify measures that will be taken to minimize or mitigate the effects of dust and odors.

The project is not expected to generate dust or odors at levels that exceed those emitted during typical urban and commercial construction practices. Odors, noise, or dust produced during construction are expected to be consistent with applicable regulations of the MPCA and local governments.

The construction process is expected to generate some fugitive dust, but dust is not expected to be generated in objectionable quantities. Temporary plastic film barriers will be installed during construction to limit movement of dust from the construction zone where necessary. Consideration will be given to suppression of airborne dust by application of water if fugitive dust generation during site grading and equipment operation is greater than what is typically expected during normal construction practices. Odors routinely generated during construction will be typical of those associated with construction, such as exhaust from petroleum-powered construction equipment.

17. Noise

Describe sources, characteristics, duration, quantities, and intensity of noise generated during project construction and operation. Discuss the effect of noise in the vicinity of the project including 1) existing noise levels/sources in the area, 2) nearby sensitive receptors, 3) conformance to state noise standards, and 4) quality of life. Identify measures that will be taken to minimize or mitigate the effects of noise.

It is anticipated that noise levels will temporarily increase locally during project construction, but noise levels are expected to be at or near existing levels after construction is complete. Noise levels on and adjacent to the project area will vary considerably during construction, depending on the amount of construction that occurs simultaneously, the time of operation, and the distance from construction equipment to noise receptors. The noise receptors nearest to the project are the homes located immediately east of the school. Noise generated by construction equipment and building construction and renovation will be limited primarily to daylight hours when noise is relatively common. The City of St. Paul regulates noise, including noise resulting from construction activities.

18. Transportation

a. Describe traffic-related aspects of project construction and operation. Include: 1) existing and proposed additional parking spaces, 2) estimated total average daily traffic generated, 3) estimated maximum peak hour traffic generated and time of occurrence, 4) indicate source of trip generation rates used in the estimates, and 5) availability of transit and/or other alternative transportation modes.

Existing and Proposed Parking Spaces

The existing school site includes only 6 off-street parking stalls and relies heavily on adjoining streets for parking. The proposed project will add 9 parking stalls to the site to improve parking and

maneuverability for service vehicles. When the project is complete, the school will include 15 parking stalls and a parking variance will not be needed for the school addition.

Estimated Traffic Generation

Trip generation was estimated using the methodology outlined in the Institute of Transportation Engineers (ITE) Trip Generation Manual, 9th Edition (2012). The existing school is estimated to generate a total of 393 trips per day (**Table 6**). The school addition and increased enrollment is expected to generate an additional 197 daily trips and increase the total trip generation to 590 trips per day.

Peak hour traffic generation was estimated at 137 trips during the existing AM peak hour and 206 trips during the AM peak hour under future conditions. The AM peak hour is estimated to occur between 7:30 and 8:30 AM, and the PM peak hour is estimated to occur between 3:00 and 4:00PM. The PM traffic from the school will peak before the PM peak hour of traffic for the surrounding residential area.

Table of Embring and Lavare 111p Generation Epimates									
ITE	I and Uga	No. of	Daily	AM Peak Hour Trips		PM Peak Hour Trips			
Code	Land Use	Students	Trips	In	Out	Total	In	n Out Total	Total
520	Elementary School (Existing)	305	393	75	62	137	38	47	85
520	Elementary School (Proposed)	457	590	113	93	206	58	70	128

38

31

69

20

23

43

197

Table 6. Existing and Future Trip Generation Estimates

152

School Bus Traffic

Difference

520

When the Linwood and Monroe Schools were paired several years ago, the school community and school district agreed that siblings would ride bus together, regardless of the grades and schools they attended. More recently, the school district determined that the two schools could be better programmed and accommodated by consolidating lower grades at Linwood and higher grades at Monroe, and by providing separate bussing. Aligning the grades in this manner and providing separate bussing is expected to result in more timely service for each school, reduced discipline issues, and reduced school bus traffic at each site. The separate bus routes will begin with the 2016-17 school year.

b. Discuss the effect on traffic congestion on affected roads and describe any traffic improvements necessary. The analysis must discuss the project's impact on the regional transportation system. If the peak hour traffic generated exceeds 250 vehicles or the total daily trips exceeds 2,500, a traffic impact study must be prepared as part of the EAW. Use the format and procedures described in the Minnesota Department of Transportation's Access Management Manual, Chapter 5 (available at: http://www.dot.state.mn.us/accessmanagement/resources.html) or a similar local guidance.

The small amount of increased traffic predicted to result from the proposed project (199 vehicles/day) does not pose concerns for traffic congestion. Four collector streets located 0.1 to 0.3 mile from the school site currently carry 3,650 to 15,800 vehicles per day (**Appendix F**). The surrounding road network is expected to accommodate the increased traffic that will be generated by the school without substantial effects on traffic congestion or levels of service.

c. Identify measures that will be taken to minimize or mitigate project related transportation effects.

The adjustment in grade continuity alignment between the Linwood School and the Monroe School, discussed above under School Bus Traffic, is expected to reduce the amount of bus traffic serving the school and reduce the potential for traffic congestion.

19. Cumulative Potential Effects

Preparers can leave this item blank if cumulative potential effects are addressed under the applicable EAW Items.

a. Describe the geographic scales and timeframes of the project related environmental effects that could combine with other environmental effects resulting in cumulative potential effects.

The project is proposed in a fully-developed area of St. Paul. The City of St. Paul is not aware of other actions proposed in the Linwood School vicinity that are likely to contribute to the potential for cumulative environmental effects.

b. Describe any reasonably foreseeable future projects (for which a basis of expectation has been laid) that may interact with environmental effects of the proposed project within the geographic scales and timeframes identified above.

As noted under **Item 19a** above, there are no reasonably foreseeable future projects that are known to have the potential to interact with the proposed project to cause cumulative potential effects.

c. Discuss the nature of the cumulative potential effects and summarize any other available information relevant to determining whether there is potential for significant environmental effects due to these cumulative effects.

The potential for cumulative effects varies with the type of resource affected and the geographic area of impact. The potential for significant cumulative environmental effects relates to the scale and intensity of effects and the unique or pristine quality of resources affected. The potential for cumulative environmental effects is inherently low because the project is proposed in a developed

urban area where sensitive resources do not exist and projects of large scale and intensity are unlikely to be proposed.

The proposed Linwood School addition has the potential to affect, directly or indirectly, only a small number of the hundreds of properties in the Historic Hill District. Those potential effects will not significantly reduce the historic integrity of any individual property and are expected to have no cumulative effects on the Historic Hill District.

20. Other Potential Environmental Effects

If the project may cause any additional environmental effects not addressed by items 1 to 19, describe the effects here, discuss the how the environment will be affected, and identify measures that will be taken to minimize and mitigate these effects.

No other additional environmental effects are anticipated as a result of development of the project area. Potential environmental effects have been addressed in **Items 1** through **19**.

RGU CERTIFICATION.

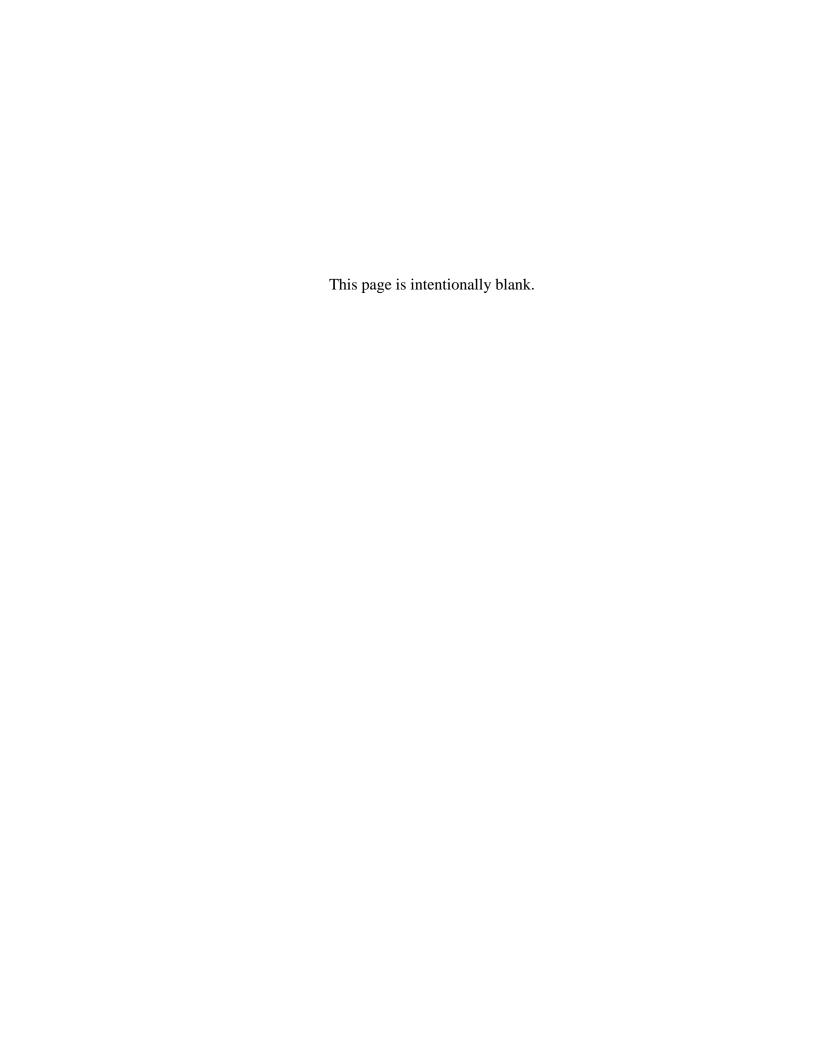
(The Environmental Quality Board will only accept **SIGNED** Environmental Assessment Worksheets for public notice in the EQB Monitor.)

I hereby certify that:

- The information contained in this document is accurate and complete to the best of my knowledge.
- The EAW describes the complete project; there are no other projects, stages or components other than those described in this document, which are related to the project as connected actions or phased actions, as defined at Minnesota Rules, parts 4410.0200, subparts 9c and 60, respectively.

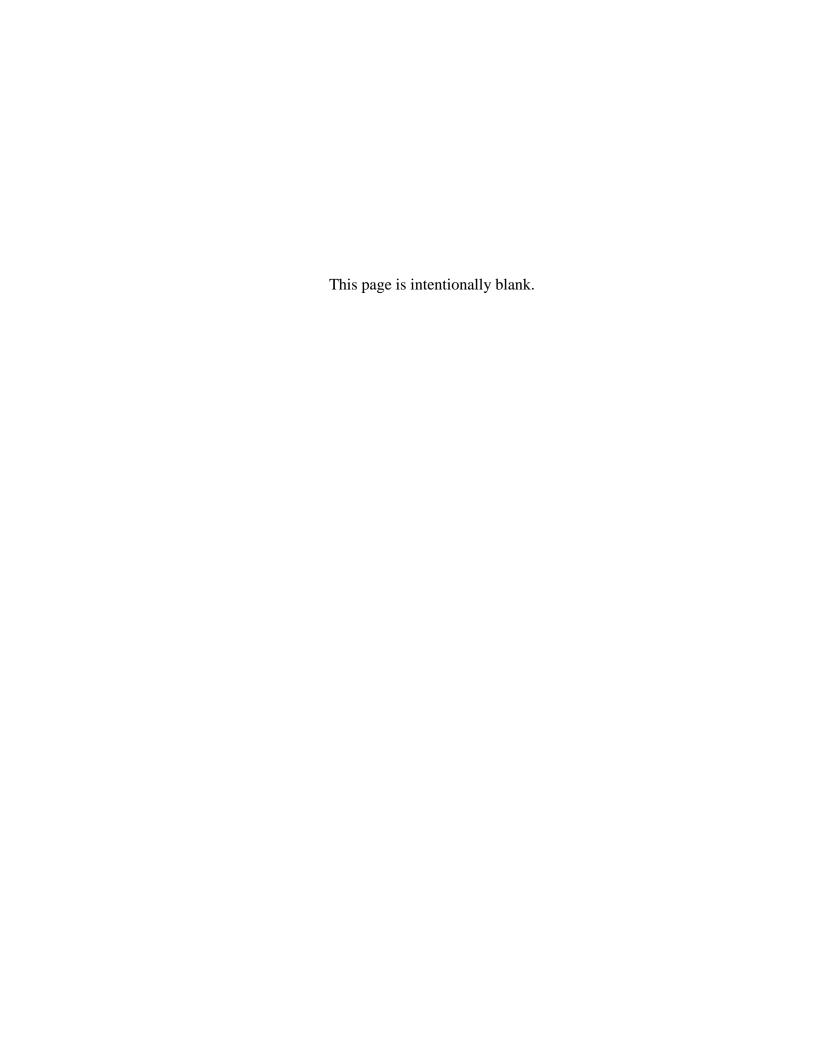
• Copies of this EAW are being sent to the entire EQB distribution list.

Signature Manual Economic Development Director



Figures 1-5

Linwood School EAW



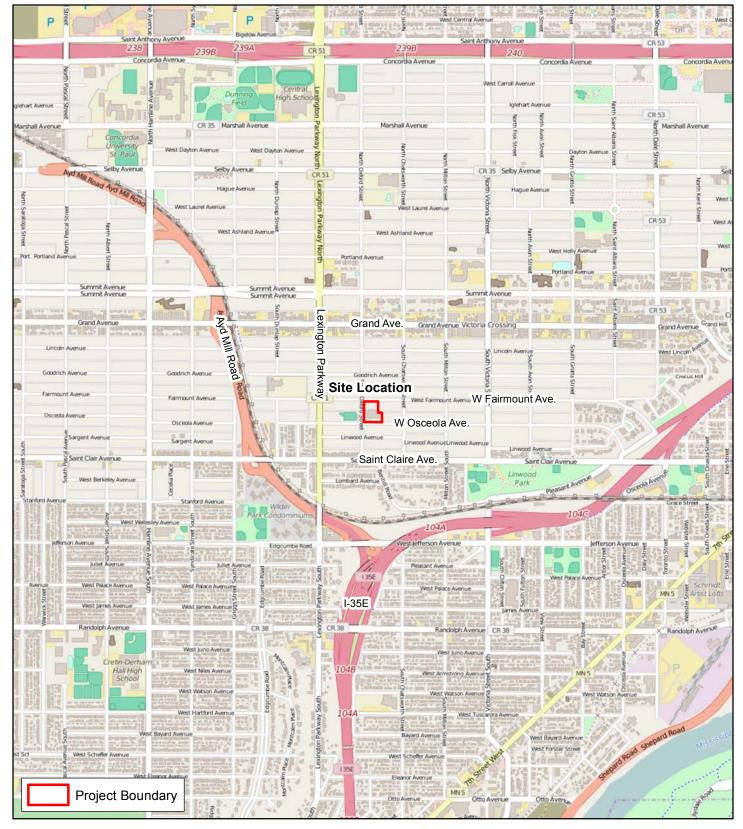
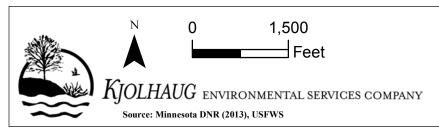


Figure 1 - Site Location



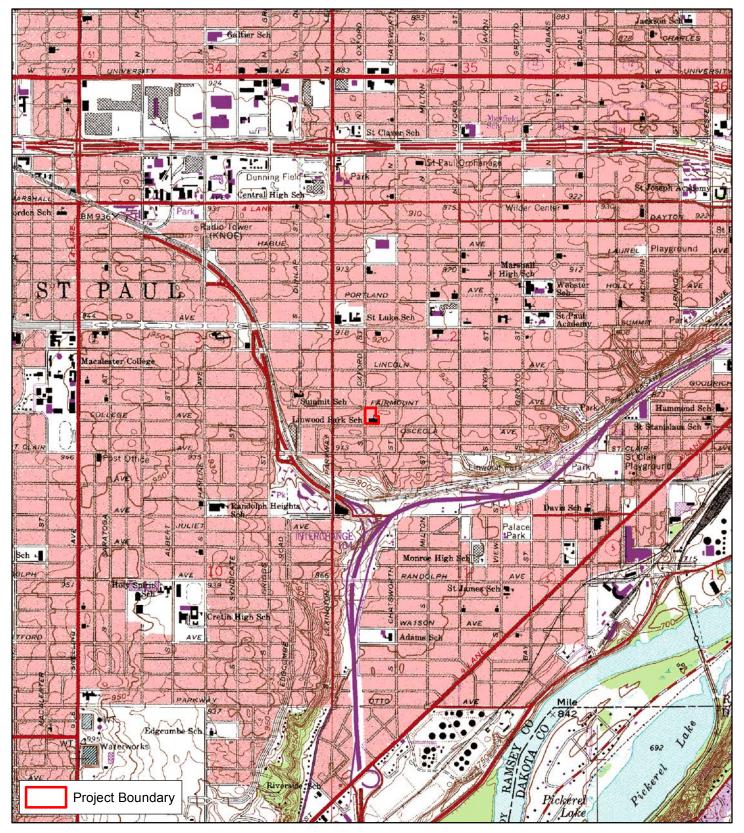
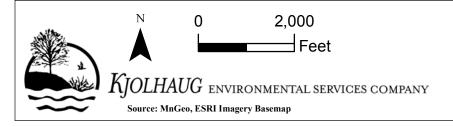


Figure 2 - USGS Topography



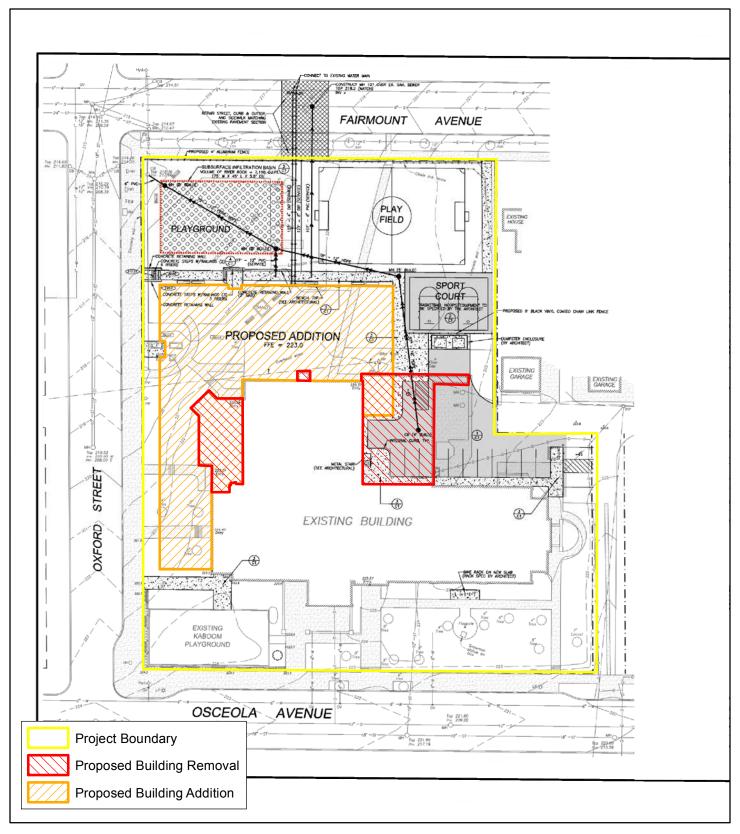


Figure 3 - Site Plan



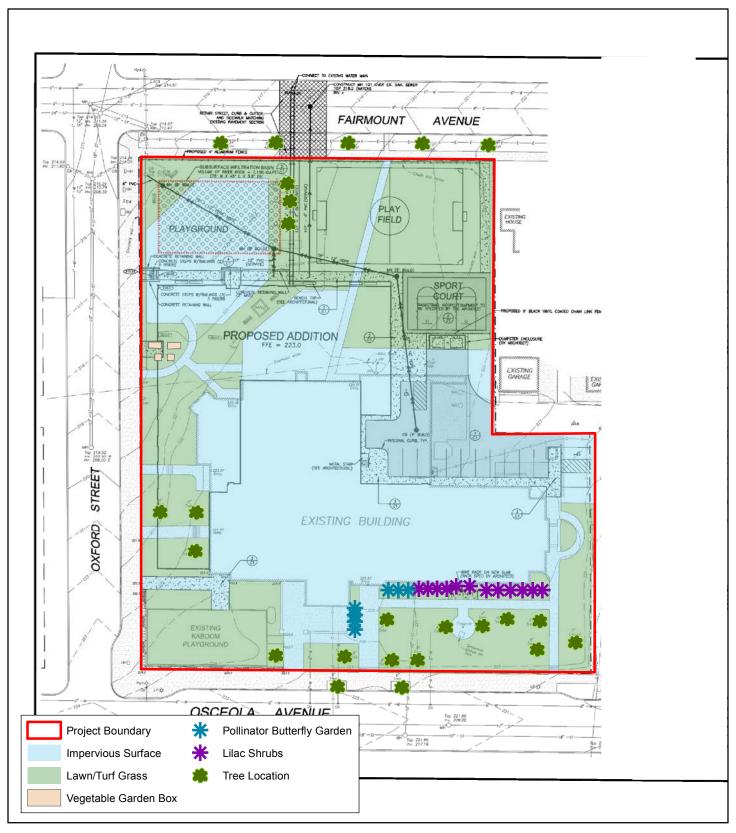
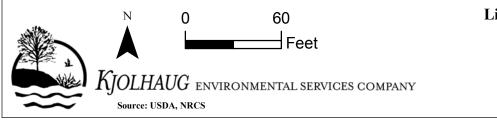


Figure 4 - Existing Cover Types



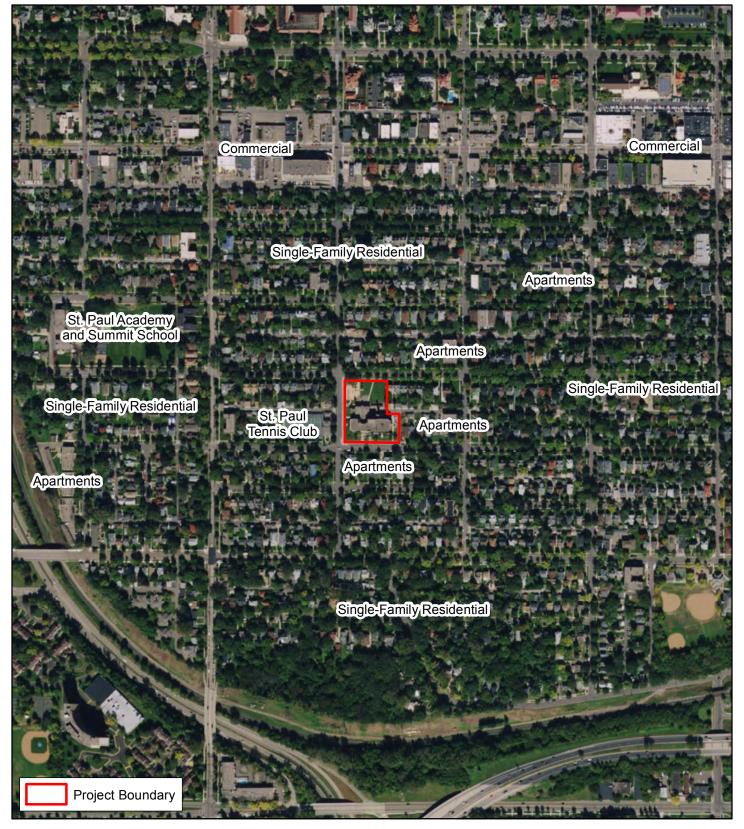
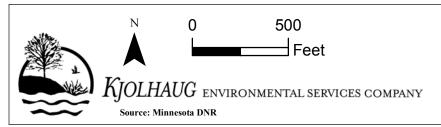
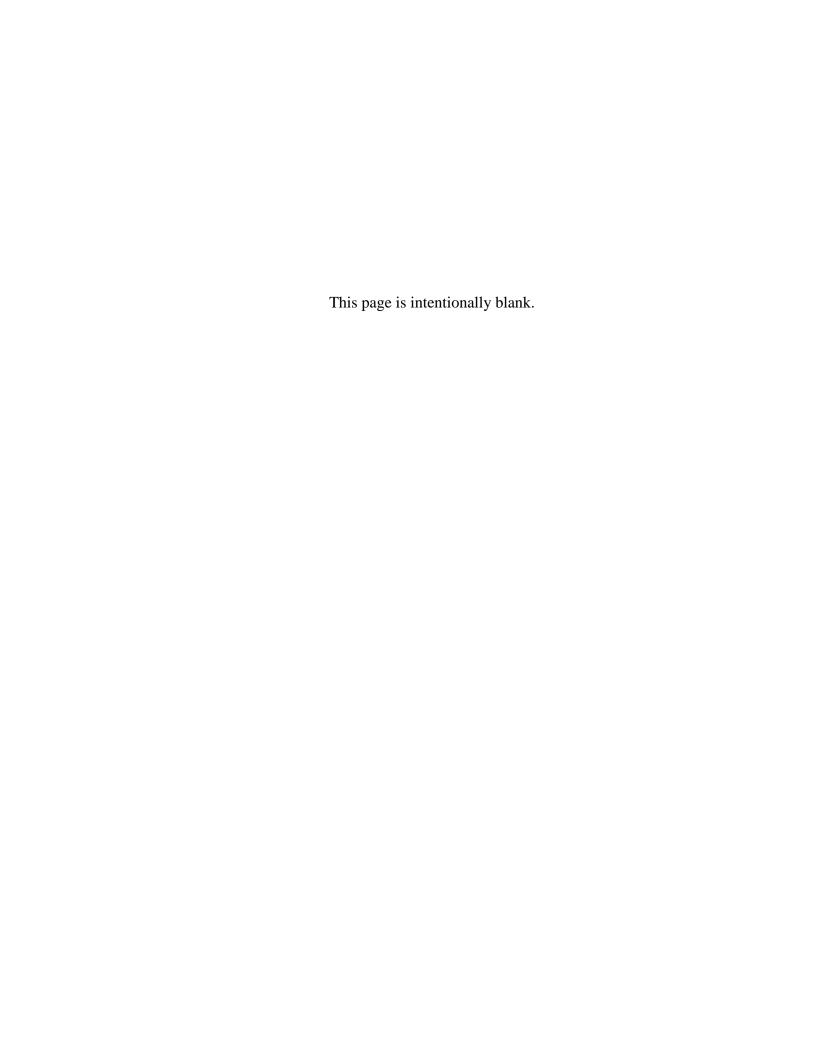


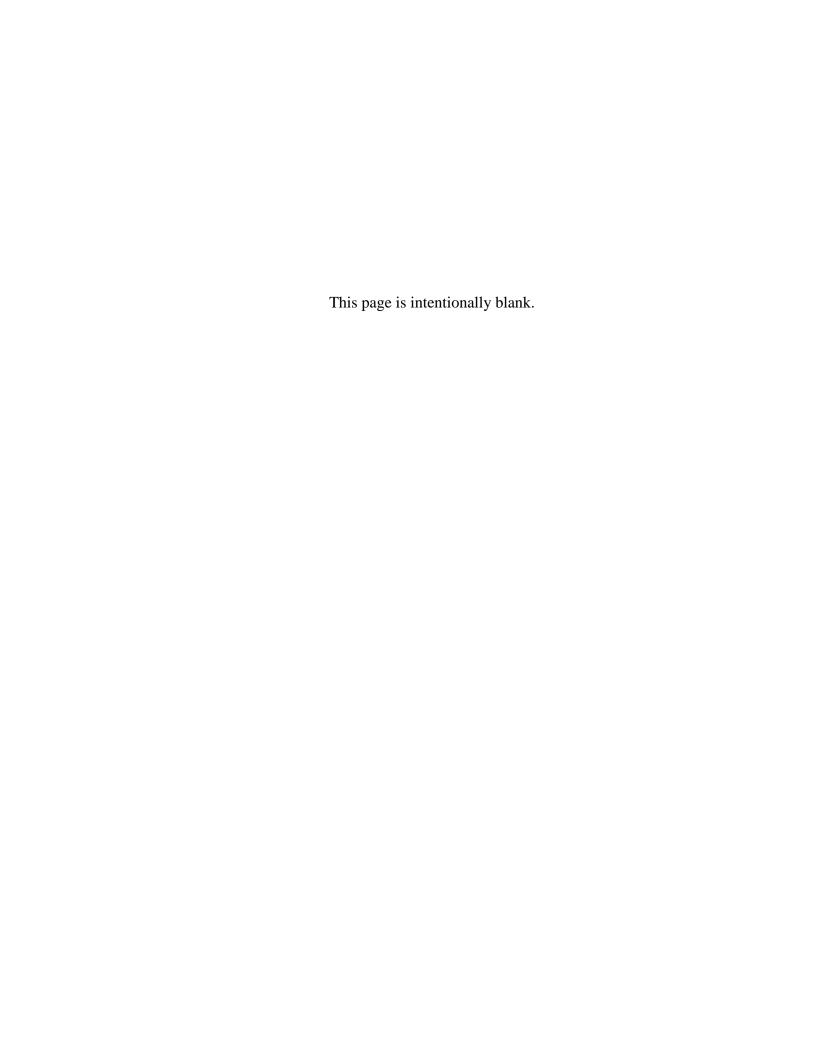
Figure 5 - Existing Land Use

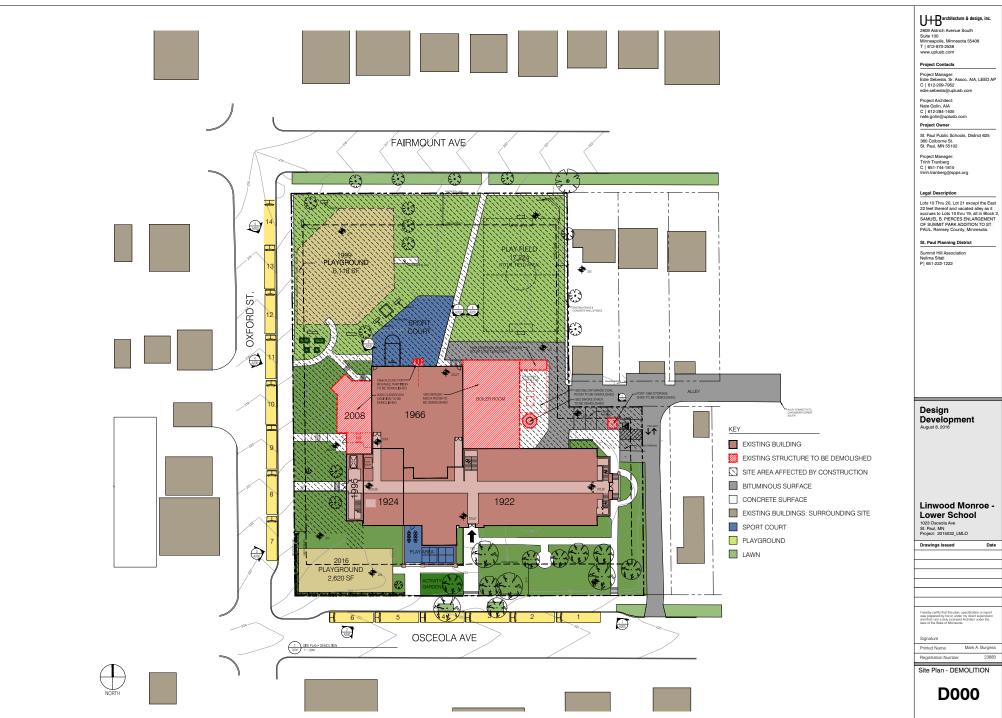




Appendix A School Project Plans

Linwood School EAW







EXISTING TO BE DEMOLISHED EXISTING TO BE ENGAGED BY NEW CONSTRUCTION

Legal Description Lots 10 Thru 20, Lot 21 except the East 22 feet thereof and vacated alley as it accrues to Lots 10 thru 19, all in Block 2, SAMUEL B. PIERCES ENLARGEMENT OF SUMMIT PARK ADDITION TO ST. PAUL, Ramsey County, Minnesota.

architecture & design, inc.
2609 Aldrich Avenue South
Suite 100
Minneapolis, Minnesota 55408
T | 812-870-2538
www.uplusb.com

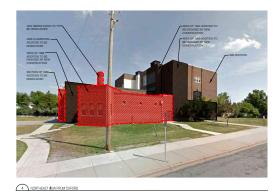
Project Manager: Edie Sebesta, Sr. Assoc. AIA, LEED AP C | 612-209-7952 edie.sebesta@uplusb.com

Project Contacts

Project Architect: Nate Golin, AIA C | 612-384-1405 nate.golin@uplusi Project Owner St. Paul Public Schools, District 625 360 Colborne St. St. Paul, MN 55102 Project Manager: Trinh Tranberg C | 651-744-1815 trinh.tranberg@spps.org

Design Development August 8, 2016

Linwood Monroe -Lower School 1023 Osceola Ave St. Paul, MN Project: 2015032_LMLO Drawings Issued



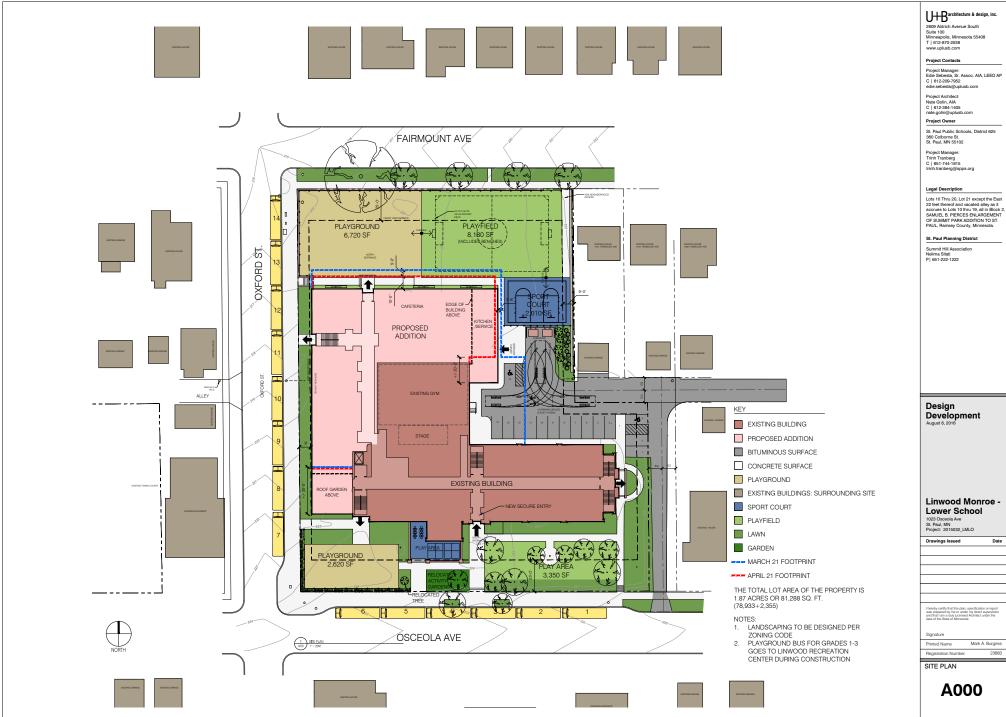
POST-1980 STORAGE SHED TO BE DEMOLISHED B NORTH VIEW OF ORIGINAL 1922 BUILDING

6 NORTH VIEW OF 2008 ADDITION

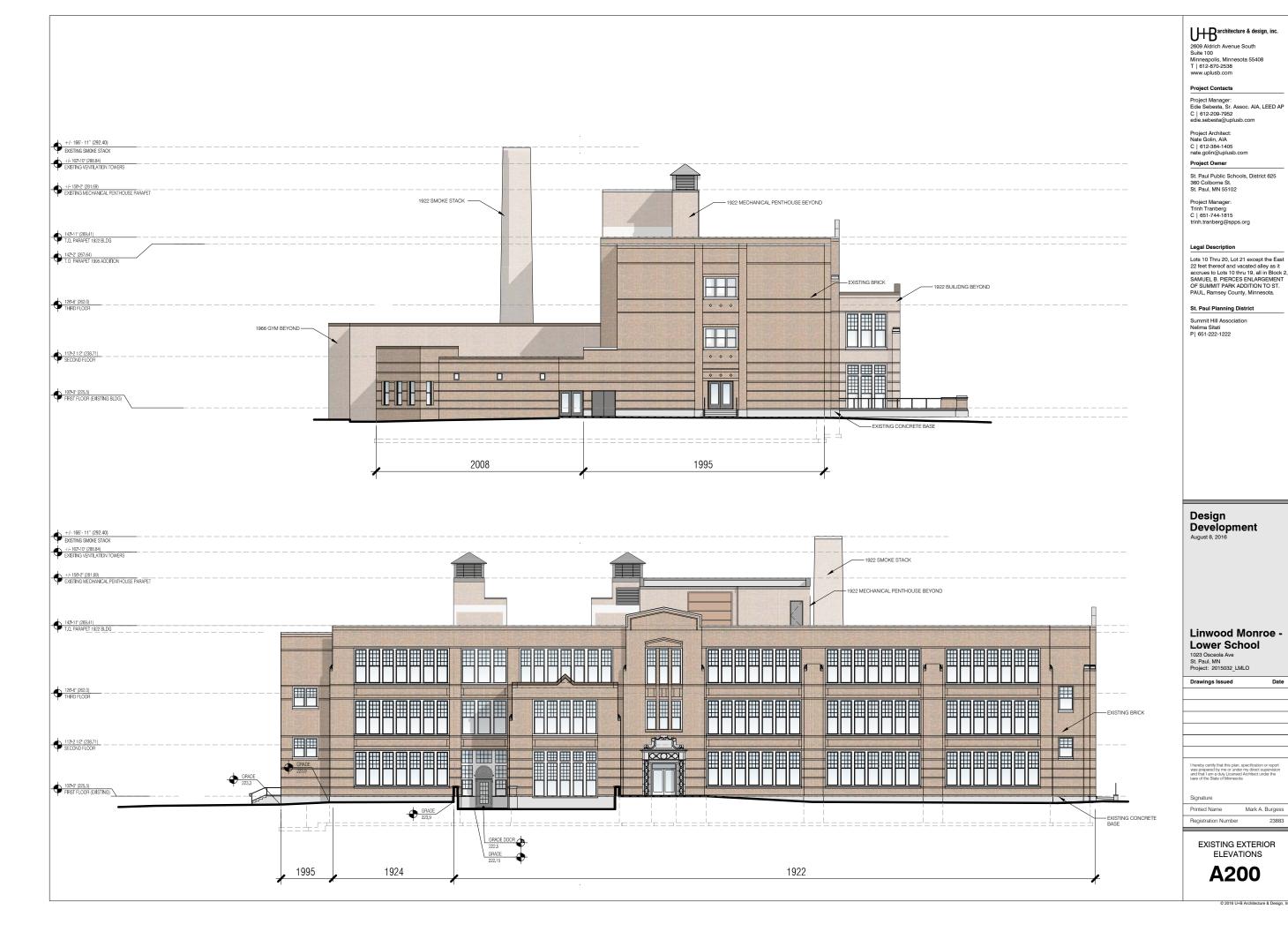
7 NORTH VIEW OF 1986 GYM ADDITION

EXISTING PHOTOS

A200



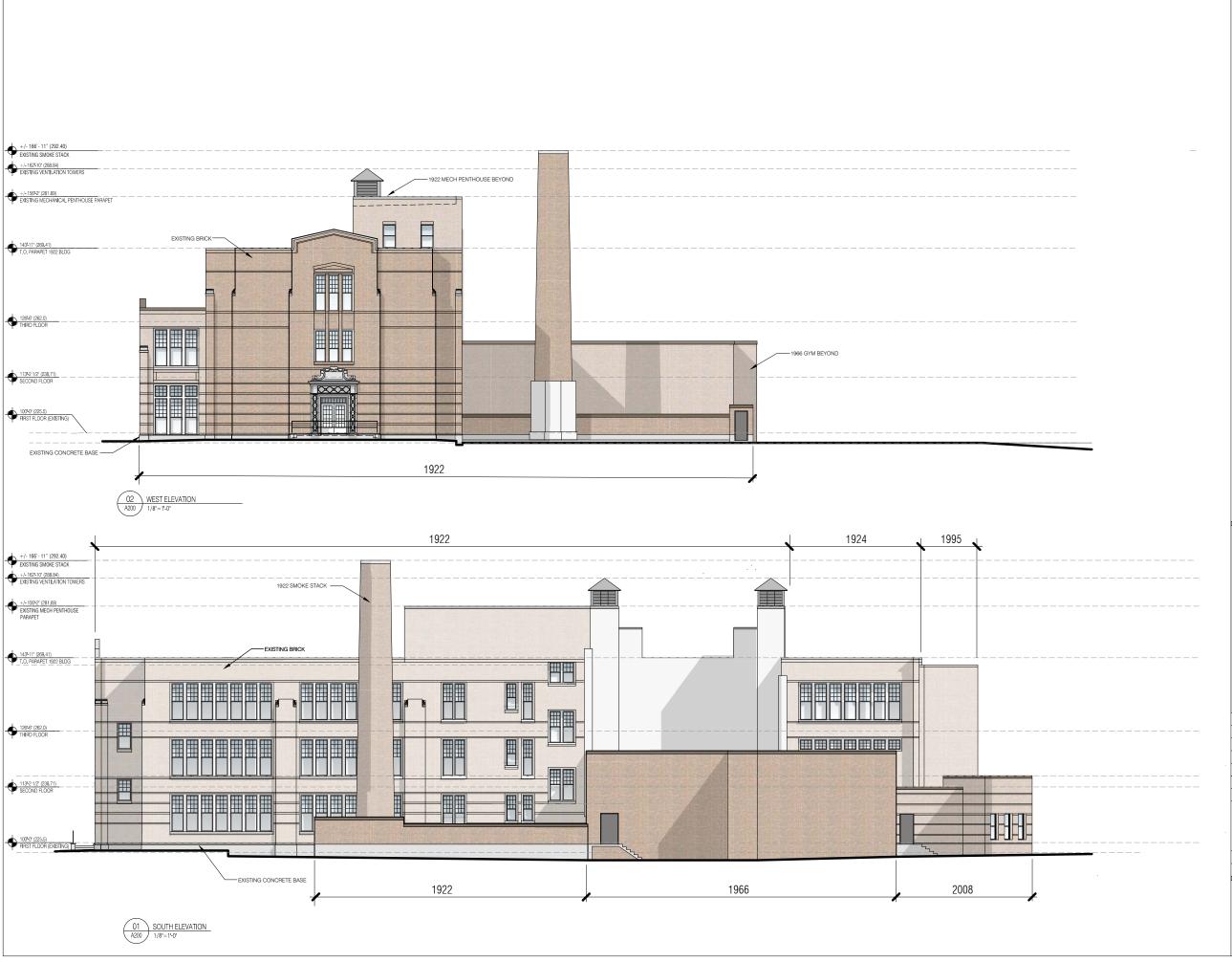




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Mark A. Burgess

Date



HBarchitecture & design, inc.

2609 Aldrich Avenue South Suite 100 Minneapolis, Minnesota 55408 T | 612-870-2538 www.uplusb.com

Project Contacts

Project Manager: Edie Sebesta, Sr. Assoc. AIA, LEED AP C | 612-209-7952 edie.sebesta@uplusb.com

Project Architect: Nate Golin, AIA C | 612-384-1405 nate.golin@uplusb.com

Project Owner

St. Paul Public Schools, District 625 360 Colborne St. St. Paul, MN 55102

Project Manager: Trinh Tranberg C | 651-744-1815 trinh.tranberg@spps.org

Legal Description

Lots 10 Thru 20, Lot 21 except the East 22 feet thereof and vacated alley as it accrues to Lots 10 thru 19, all in Block 2, SAMUEL B. PIERCES ENLARGEMENT OF SUMMIT PARK ADDITION TO ST. PAUL, Ramsey County, Minnesota.

St. Paul Planning District

Summit Hill Association Nelima Sitati P | 651-222-1222

Design Development

Linwood Monroe -Lower School

Date

1023 Osceola Ave St. Paul, MN Project: 2015032_LMLO

Drawings Issued

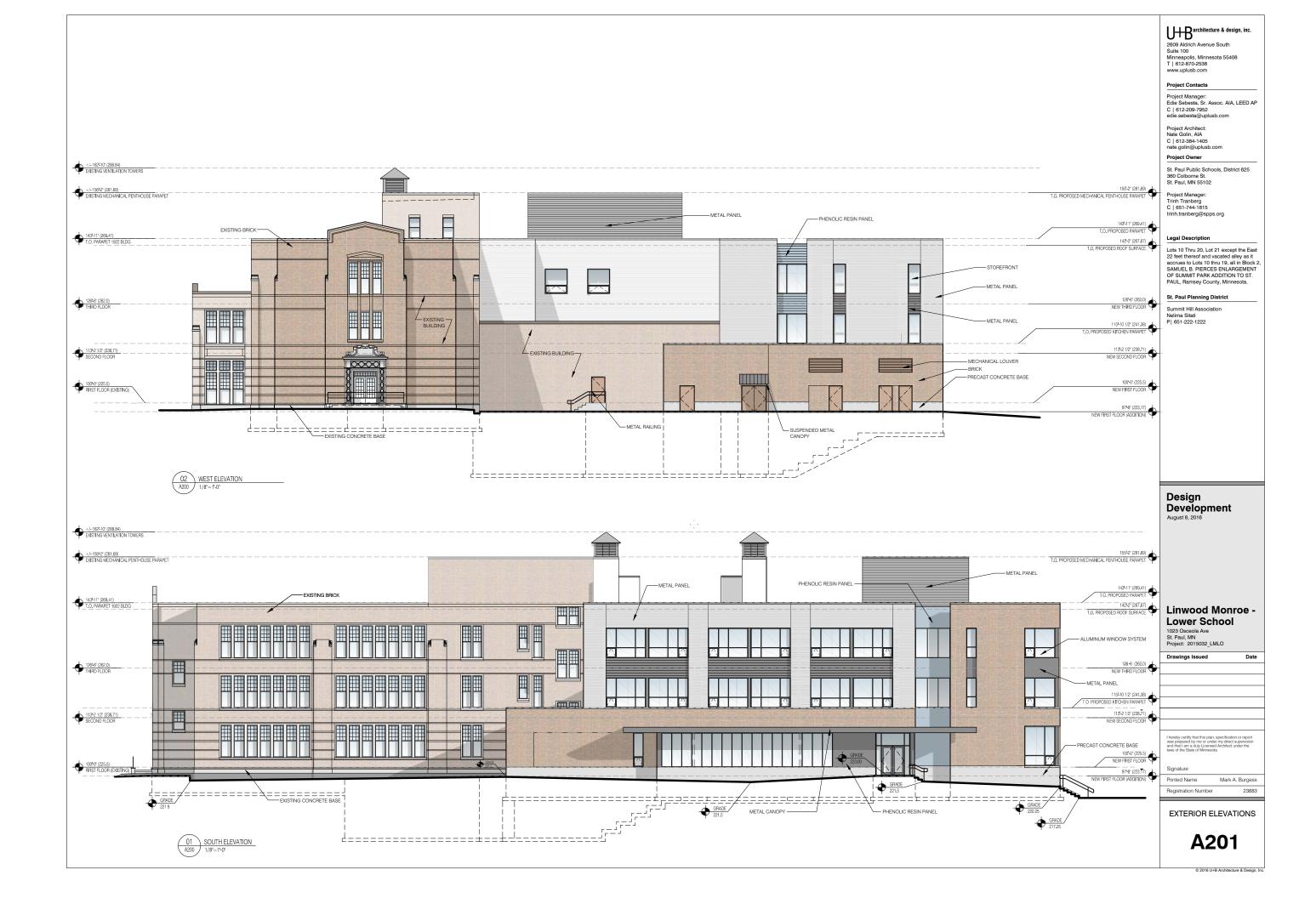
Printed Name Mark A. Burgess 23883

Registration Number

EXISTING EXTERIOR **ELEVATIONS**

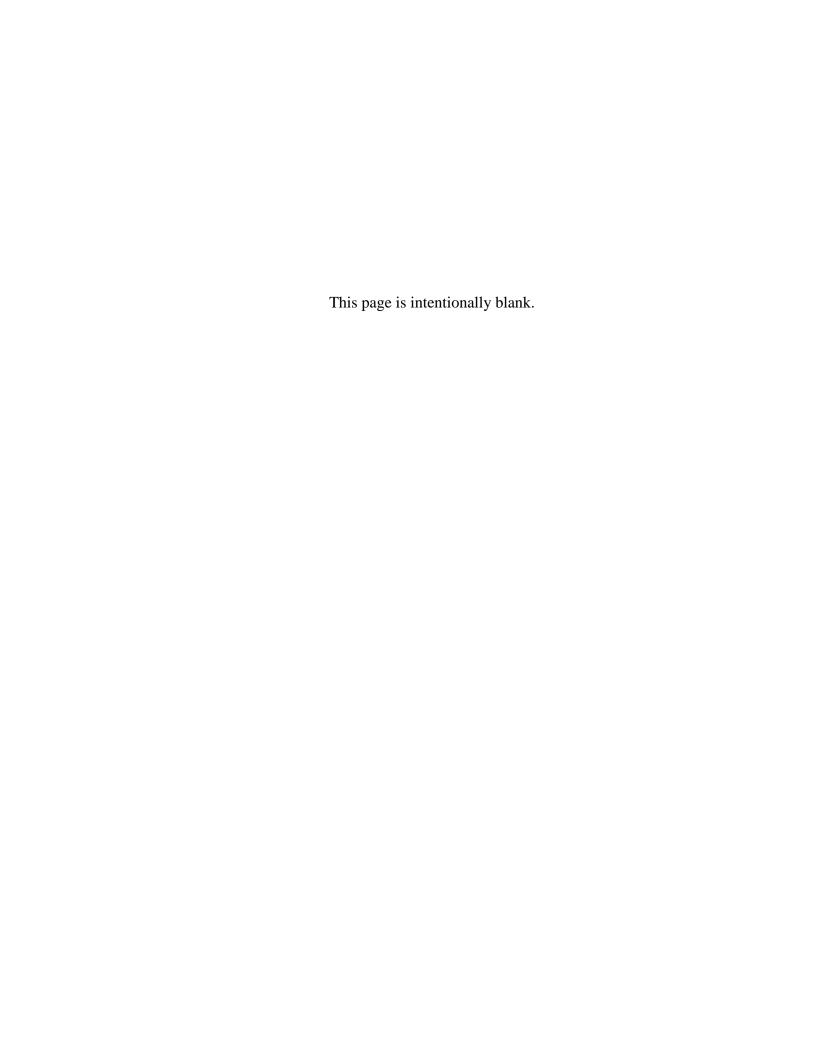
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Appendix B Existing and Proposed Views of School

Linwood School EAW



Linwood School – Existing and Proposed Views



Existing View from Oxford and Osceola



Proposed View from Oxford and Osceola

Linwood School – Existing and Proposed Views



Existing View from Oxford and Fairmount

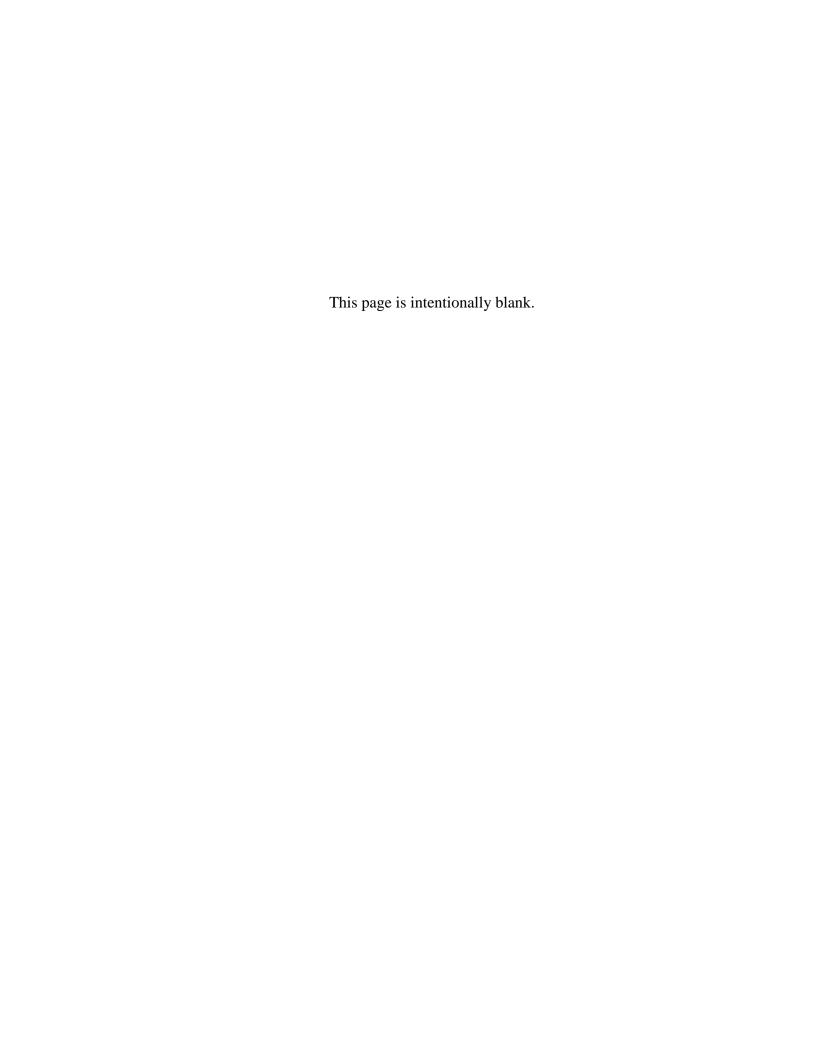


Proposed View from Oxford and Fairmount

Linwood School – Existing and Proposed Views

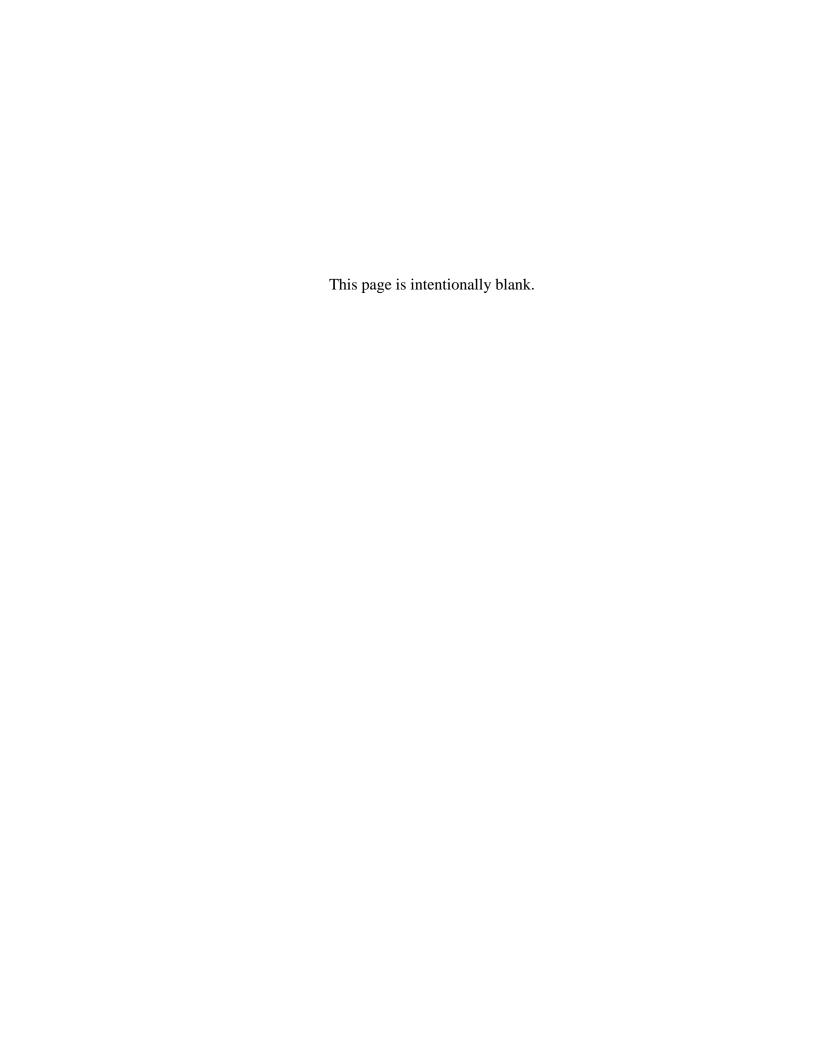


Proposed View of Play Area



Appendix C County Well Index Well Log

Linwood School EAW



200408

Minnesota Well Index Report

County RamseyQuad St PaulQuad ID 103B

MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date 08/14/1991 02/14/2014

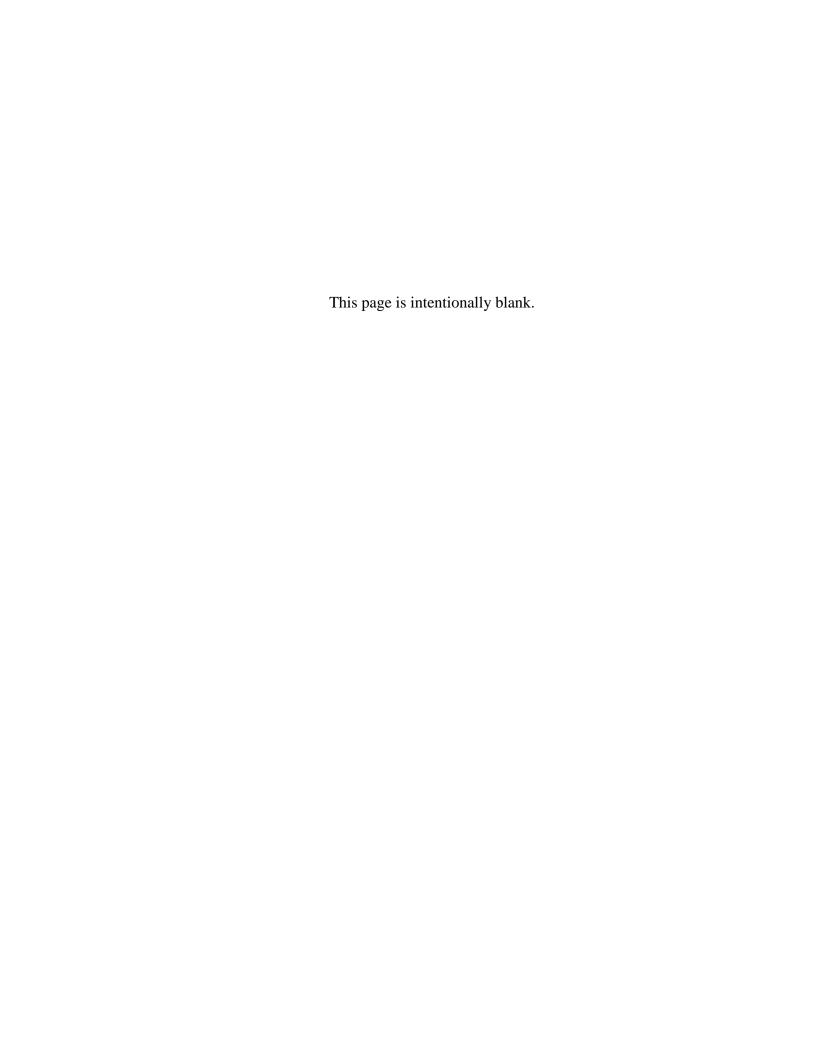
Printed on 08/02/2016

HE-01205-15

Received Date

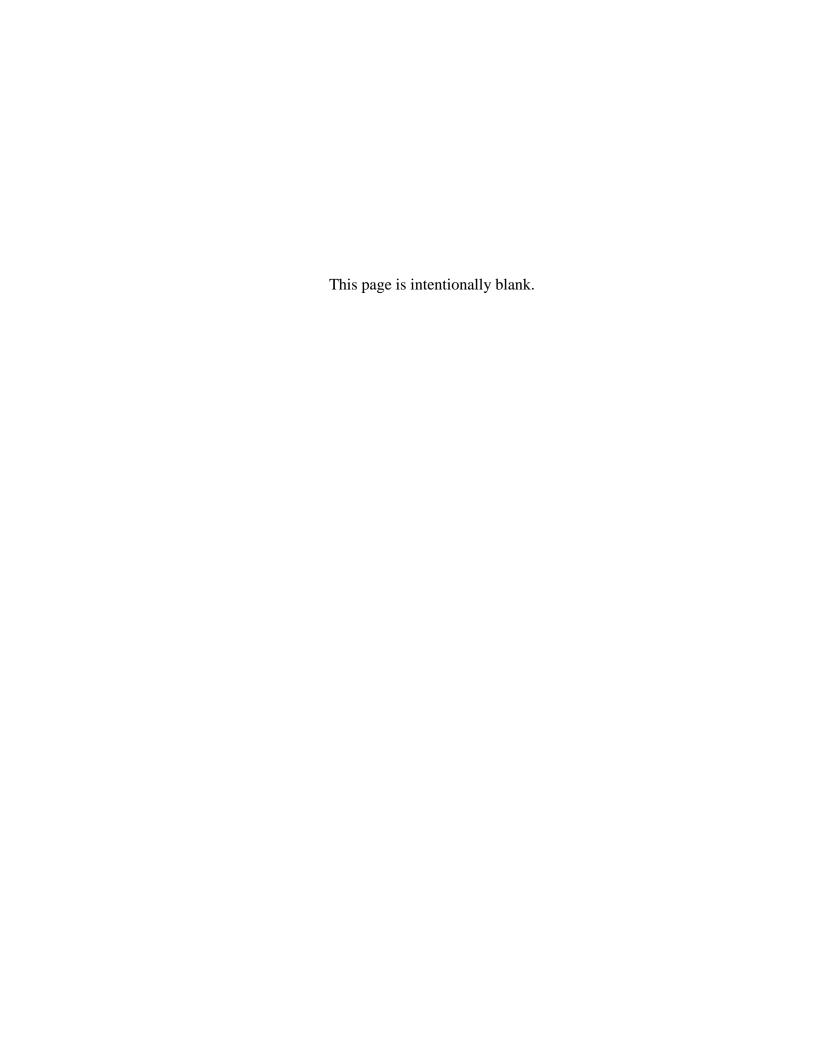
Well Name Township UPTOWN 28	Range 23	Dir Section W 2	Subsection DBBACD	Well Depth Depth Completed Date Well Completed 407 ft. 407 ft.
Elevation 910 ft. Elev. M			raphic map (+/- 5 feet)	Drill Method Drill Fluid
Address				Use commercial Status Active
C/W GRAND & G	OXFORD S	T PAUL MN		Well Hydrofractured? Yes No From To
				Casing Type Single casing Joint
Stratigraphy Information				Drive Shoe? Yes No Above/Below 0 ft.
Geological Material	From		olor Hardness	Casing Diameter Weight
BSMT	0	13		8 in. To 317 ft. lbs./ft.
DRIFT	13	147		
LIME	147	165		
SHALE-SANDROCK	165	210		
SANDROCK	210	238		Open Hole From ft. To ft.
SHALE-SANDROCK	238	246		Screen? Type Make
SANDROCK	246	295		
SHALE SHAKOPEE	295 340	340 407		
SIL IKOT EL	540	407		Static Water Level
				137 ft. land surface Measure null
				Pumping Level (below land surface)
				Wellhead Completion
				Pitless adapter manufacturer Model
				Casing Protection 12 in. above grade
				At-grade (Environmental Wells and Borings ONLY)
				Grouting Information Well Grouted? Yes No Not Specified
				Nearest Known Source of Contamination
				feet Direction Type
				Well disinfected upon completion? Yes No Pump Not Installed Date Installed
				Pump Not Installed Date Installed Manufacturer's name WORTHINGTON
				Model Number HP <u>25</u> Volt <u>220</u>
				Length of drop pipe ft Capacity 200 g.p. Typ
				Abandoned Does property have any not in use and not sealed well(s)? Yes No
				Variance
				Was a variance granted from the MDH for this well? Yes No
				Miscellaneous First Bedrock Platteville Formation Aquifer St.Peter-Prairie
				Last Strat Prairie Du Chien Group Depth to Bedrock 147 ft
				Located by Minnesota Geological Survey
Remarks	OTED			Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)
TOTAL DEPTH 359 FT 6 IN IS N	OTED			System UTM - Mad83, Zone 15, Meters X 488584 Y 4976313
				Unique Number Verification Inpute Date 01/01/1990
				Angled Drill Hole
				Well Contractor
				Keys Well Co. 62012 Licensee Business Lic. or Reg. No. Name of Driller
				Licensee Business Lic. or Reg. No. Name of Driller

200408



Appendix D State Historic Preservation Office Correspondence

Linwood School EAW



A Note About the Following Inventory List:

The following pages list previously inventoried properties within the same section, township, and range as Linwood School. Not all inventoried properties are historic; the attached report notes properties that have been listed in or determined eligible for the National Register of Historic Places. It does not include state and local historic district designations. Many properties within the boundaries of the state Historic Hill District, including Linwood School, have not been inventoried by SHPO and do not appear on this list.



THIS EMAIL IS NOT A PROJECT CLEARANCE.

This message simply reports the results of the cultural resources database search you requested. The database search produced results for only previously known archaeological sites and historic properties. Please read the note below carefully.

No archaeological sites were identified in a search of the Minnesota Archaeological Inventory and Historic Structures Inventory for the search area requested. A report containing the history/architecture properties identified is attached.

The result of this database search provides a listing of recorded archaeological sites and historic architectural properties that are included in the current SHPO databases. Because the majority of archaeological sites in the state and many historic architectural properties have not been recorded, important sites or structures may exist within the search area and may be affected by development projects within that area. Additional research, including field survey, may be necessary to adequately assess the area's potential to contain historic properties.

Properties that are listed in the National Register of Historic Places (NRHP) or have been determined eligible for listing in the NRHP are indicated on the reports you have received. The following codes on the reports you received are:

NR – National Register listed. The properties may be individually listed or may be within the boundaries of a National Register District.

CEF – Certified Eligible to the National Register findings are usually made during the federal review process, these properties have been evaluated as being eligible for listing in the National Register.

Minnesota
Staff eligible findings to the National Register are properties that have been determined eligible in Lives preserving sharing connecting by SHPO staff.

DOE – Determination of Eligibility is made by the National Park Service and typically refers to properties deemed eligible but the owner objects to the listing.

CNEF – Certified Not Eligible to the National Register. SHPO has begun to record properties that have been evaluated as **not eligible** for listing in the National Register. If the box on the form has a check the property has been determined to be **not eligible**.

Properties without NR, CEF, SEF, DOE, or CNEF designations in the reports you received may not have been evaluated and therefore no assumption to their eligibility can be made.

If you require a comprehensive assessment of a project's potential to impact archaeological sites or historic architectural properties, you may need to hire a qualified archaeologist and/or historian. If you need assistance with a project review, please contact Kelly Gragg-Johnson in Review and Compliance @ 651-259-3455 or by email at kelly.graggjohnson@mnhs.org.

The Minnesota SHPO Survey Manuals and Database Metadata can be found at http://www.mnhs.org/shpo/survey/inventories.htm
SHPO research hours are 8:30 AM – 4:00 PM Tuesday-Friday.

The Office is closed on Mondays.

History/Architecture Inventory

	•							
PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	nses	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP:								
House	665 Summit Ave.	28	23	2 NE-NE			>	RA-SPC-6666
House	726 Linwood	28	23	2 SE-SE			>	RA-SPC-6749
Guiterman, A. S., House	730 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6882
House	569-571 Grand Ave.	28	23	2 SW-SW			>	RA-SPC-6938
CILY/IOWNSHIP: St Paul								
House	112-114 Victoria St. S	28	23	2 SE-SE			¥	RA-SPC-6641
CITY/TOWNSHIP: St. Augusta								
Woodman, H. W., House	772 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6888
CITY/TOWNSHIP: St. Paul								
Sarah H. Chapin House	627 Ashland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-0172
house	630 Ashland Ave, W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-0173
Stophiet House	633 Ashland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-0174
Gustave C. Schaler House	647 Ashland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-0175
Temple of Aaron	744 Ashland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-0176
house	748 Ashland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-0177
John A. Scott House	753 Ashland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-0178
H. Stanley Wood House	756 Ashland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-0179
apartment	806-808 Ashland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-0180
house	810 Ashland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-0181
7.00 Oc. 1								

PROPERTY NAME	ADDRESS	Twp Ra	Range S	Sec Quarters	SSS	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul								
house	57 Dale St. N	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-0870
George Sawyer House	61 Dale St. N	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-0871
Sweeny's General Store	96 Dale St. N	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-0872
house	118 Dale St. N	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-0873
house	161 Daie St. N	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0874
apartment	169-171 Dale St. N	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0875
rowhouse	230-240 Dale St. N	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0876
Adolph Kalman House/John W. Miller House	611 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H	>-	RA-SPC-0947
J.F. Stevens House	614 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H	¥	RA-SPC-0948
Mahlon D. Miller House	640 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0949
house	648 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0950
Zene Bohrer House	649 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0951
Charles Thompson House	653-657 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0952
apartment	658 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0953
house	681 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0954
Helena A. Pratt House	682 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0955
Andrew M. Carlson Duplex	685-687 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0956
house	690 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0957
house	691 Dayton Avc. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0958
John Clark House	699 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0959
Edward Randall House	705 Dayton Ave, W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0960
Elgar C. Bowen House	710 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0961
Samuel S. Weiss House	711 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0962

PROPERTY NAME		ADDRESS	Twp	Range	Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ram CITY/TOWNSHIP: St. Paul	Ramsey . Paul								
John W. Krapfel House		715 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0963
Nicholas Lehnen House		716 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0964
Charles Riley House		723 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0965
duplex		725-727 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0966
house		726 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0967
Moses C. Kimberly House		729 Dayton Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-0968
John J. Brennan House		755 Dayton Avc. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-0969
apartment		756-758 Dayton Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-0970
house		763 Dayton Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-0971
William Cunningham House		779 Dayton Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-0972
Welch, S.S., house		785 Dayton Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H	Y	RA-SPC-0973
Alvah Whitman House		786-788 Dayton Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-0974
house		801 Dayton Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-0975
Carroll, W.F., House		812-814 Dayton Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-0976
house		836 Dayton Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-0977
house		851 Dayton Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-0978
Julius A. Eldredge House		865 Dayton Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-0979
George A. Plummer House		875 Dayton Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-0980
house		881-883 Dayton Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-0981
house		918 Dayton Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-0982
Thomas McKasy House		925 Dayton Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-0983
house		969 Dayton Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-0984
Peter Lindquist House		1034 Dayton Ave. W	28	23	2 NWNW	Saint Paul West	RA-81-2H		RA-SPC-0985
Frank B. Kellogg House		633 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	RA-SPC-1217

PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	nsgs	Report	NRHP CEF 1	DOE	Inventory Number
COUNTY: Ramsey									
CITY/TOWNSHIP: St. Paul									
R.L. Ware House	645 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	*	×	RA-SPC-1218
Dr. Henry Hoyt House	651 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	pc;	RA-SPC-1219
R.C. Holbert House	677 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	¥	~	RA-SPC-1220
Moreland/Dawson House	682 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	×	RA-SPC-1221
Martha Braley House	695 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	¥	~	RA-SPC-1222
G.H. Ralston House	701 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	22	RA-SPC-1223
James T. Clark House	702 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	쏪	RA-SPC-1224
G.L. Beardslee House	703 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	*	~	RA-SPC-1225
house	721 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	¥	껖	RA-SPC-1226
Dennis A. Murphy House	731 Fairmount Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	X	×	RA-SPC-1227
R.C. Gooding House	757 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	>	×	RA-SPC-1228
F.W. Bagley House	759 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	>	æ	RA-SPC-1229
M.C. Woodruff House	760 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	¥	~	RA-SPC-1230
Thomas H. Swem House	775-777 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	¥	×	RA-SPC-1231
C.S. Bunker House	776 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	*	ద	RA-SPC-1232
O.J. Reynolds House	783 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	>	84	RA-SPC-1233
James Cleary House	802 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	*	R	RA-SPC-1234
L.N. Dion House	812 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	¥	A,	RA-SPC-1235
F.H. Loomis House	813 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	¥	2	RA-SPC-1236
J.S. Mackey House	825 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	*	Я	RA-SPC-1237
Isaac Seddon House	832 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	X	괎	RA-SPC-1238
Oscar Hallam House	839 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	>	Α,	RA-SPC-1239
Field V. Garland House	848 Fairmount Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	X	3	RA-SPC-1240
William Garland House	854-856 Fairmount Ave. W	28	23	2 SESW	Saint Paul West	RA-81-2H	>	었	RA-SPC-1241

PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey								
Mann House	881 Fairmount Ave.	28	23	2 SESW	Saint Paul West	RA-81-2H	>	RA-SPC-1242
Willner House	886 Fairmount Ave. W	28	23	2 SESW	Saint Paul West	RA-81-2H	X	RA-SPC-1243
J.B. Johnston House	889 Fairmount Ave. W	28	23	2 SESW	Saint Paul West	RA-81-2H	*	RA-SPC-1244
apartment	627-629 Grand Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-1332
apartment	628 Grand Avc. W	28	23	2 NESE	Saint Paul West	RA-81-2H	Y	RA-SPC-1333
commercial building	638 Grand Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H		RA-SPC-1334
commercial building	640-644 Grand Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-1335
house	645 Grand Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-1336
John B. West House	653 Grand Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	Y	RA-SPC-1337
apartment	657 Grand Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	¥	RA-SPC-1338
Crocus Hill Food Market	674-678 Grand Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	X	RA-SPC-1339
Overton, J.B., House	727 Grand Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H		RA-SPC-1340
service station	740 Grand Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H		RA-SPC-1341
house	764 Grand Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H		RA-SPC-1342
house	841 Grand Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H		RA-SPC-1343
Bingham & Norton	851-857 Grand Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H		RA-SPC-1344
commercial building	867 Grand Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H		RA-SPC-1345
apartment	908 Grand Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H		RA-SPC-1346
apartment	928 Grand Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H		RA-SPC-1347
Gustav A. Menz House	952 Grand Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H		RA-SPC-1348
house	957 Grand Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H		RA-SPC-1349
Dr. Henry Roman House	1033 Grand Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-1350
Pure Oil Gas Station	1036 Grand Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-1351
commercial building	1037-1039 Grand Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-1352

PROPERTY NAME	ADDRESS	Twp R	Range	Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey								
CITY/TOWNSHIP: St. Paul								
garage	1041-1051 Grand Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-1353
Seeler-Farnum, Inc.	1059 Grand Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-1354
house	1089 Grand Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-1355
Mrs. Marshall Cathcart House	627 Goodrich Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-1557
D.S. Bryant House	634 Goodrich Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-1558
M.J. O'Neil House	702 Goodrich Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-1559
Henry A. Merrill House	707 Goodrich Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	>-	RA-SPC-1560
Charles E. Gooch House	725 Goodrich Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	> -	RA-SPC-1561
H.E. Habighorst House	736 Goodrich Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-1562
Edward A. Boggs House	752 Goodrich Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	X	RA-SPC-1563
Clarence Secor House	761 Goodrich Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-1564
William White House	767 Goodrich Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	X	RA-SPC-1565
Charles O. Rice House	808 Goodrich Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	*	RA-SPC-1566
Edison R. Hubbell House	809 Goodrich Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	Y	RA-SPC-1567
Edward Van Duzee House	818 Goodrich Ave. W	28	23	2 SWSE	Saint Paul West	RA-81-2H	*	RA-SPC-1568
Charles A. Bettingan House	825 Goodrich Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	X	RA-SPC-1569
B. J. Shipman House	848 Goodrich Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-1570
Charles Goodrich House	877 Goodrich Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H	>	RA-SPC-1571
Charles & Elizabeth Meade House	917 Goodrich Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H	>-	RA-SPC-1572
house	921-925 Goodrich Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H		RA-SPC-1573
Morris Marcus House	953 Goodrich Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H		RA-SPC-1574
house	969 Goodrich Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H		RA-SPC-1575
George Slater House	1073 Goodrich Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-1576
Thomas E. Jones House	217 Grott St. N	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-1636

COUNTY: Rames A single panel COLYTYONNSHIP. St. Panal 1 S Gorto St. N Single Panal West CAS 12 Gorto St. N CAS 12 Gorto St. N CAS 12 Corto ST. N <th colspan<="" th=""><th>PROPERTY NAME</th><th>ADDRESS</th><th>Twp</th><th>Range</th><th>Sec Quarters</th><th>nsgs</th><th>Report</th><th>NRHP CEF DOE</th><th>Inventory Number</th></th>	<th>PROPERTY NAME</th> <th>ADDRESS</th> <th>Twp</th> <th>Range</th> <th>Sec Quarters</th> <th>nsgs</th> <th>Report</th> <th>NRHP CEF DOE</th> <th>Inventory Number</th>	PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
18 Grotto St. N 28 23 2 NWNE Saint Paul West RA-81-2H nits Ruse Double House 24-25 Grotto St. N 28 2 2 NWNE Saint Paul West RA-81-2H of Wheeler House 24-25 Grotto St. N 28 2 2 NWNE Saint Paul West RA-81-2H of Wheeler House 26 Grotto St. N 28 2 2 NWNE Saint Paul West RA-81-2H of Thague Ave. W 3 2 2 1 NWNE Saint Paul West RA-81-2H of St Hague Ave. W 3 2 2 NWNE Saint Paul West RA-81-2H of St Hague Ave. W 28 2 2 NWNE Saint Paul West RA-81-2H of Sh Hague Ave. W 28 2 2 NWNE Saint Paul West RA-81-2H ondel, Mr. And Mrs. JL., House 800 Hague Ave. W 28 2 2 NWNE Saint Paul West RA-81-2H ondel, Mr. And Mrs. S.F., house 810 Hague Ave. W 28 2 NWNE Saint Paul West	COUNTY: Ramsey CITY/TOWNSHIP: St. Paul									
List Russ Duuble House 225 Grotto S.L M. 28 23 2 NWNE Saint Paul West RA-81-2H od Mhoeler House 224-226 Grotto St. N 22 2 NWNE 2 Sint Paul West RA-81-2H od Mhoeler House 226 Grotto St. S 22 2 NWSE Saint Paul West RA-81-2H of Hague Ave, W 23 2 NEWE Saint Paul West RA-81-2H of Hague Ave, W 23 2 NEWE Saint Paul West RA-81-2H of Shague Ave, W 23 2 NEWE Saint Paul West RA-81-2H of Shague Ave, W 23 2 NEWE Saint Paul West RA-81-2H of Hague Ave, W 23 2 NEWE Saint Paul West RA-81-2H of Hague Ave, W 23 2 NEWE Saint Paul West RA-81-2H onald, Mf. And Mrs. JL., House 30 Hague Ave, W 23 2 NWNE Saint Paul West RA-81-2H onald, Mf. And Mrs. S.P., house 31 Hague Ave, W 23 2 NWNE Saint Paul West RA-81-2H onald, Mf. And Mrs. S.P., house 32 Hague Ave, W	house	218 Grotto St. N	28	23		Saint Paul West	RA-81-2H		RA-SPC-1637	
lins Ruse Double House 224-226 Grotto St. N 28 23 2 NWHE Saint Paul West RA-81-2H of Wheeler House 256 Grotto St. S 25 2 NWE 5 sint Paul West RA-81-2H of Hague Ave. W 25 2 NEWE Saint Paul West RA-81-2H of Hague Ave. W 25 2 NEWE Saint Paul West RA-81-2H of Hague Ave. W 25 2 NEWE Saint Paul West RA-81-2H of Hague Ave. W 25 2 NEWE Saint Paul West RA-81-2H rule Shouse 661 Hague Ave. W 28 2 NEWE Saint Paul West RA-81-2H rule Shouse 73 NEWE 2 NEWE Saint Paul West RA-81-2H rule Shouse 7 NEWE Saint Paul West RA-81-2H rule Mrs. JL., House 800 Hague Ave. W 28 2 NWNE Saint Paul West RA-81-2H rule Abrick House 817 Hague Ave. W 28 2 NWNE Saint Paul West RA-81-2H rule Abrick House 82 Hague Ave. W 28 2 NWNE Saint Paul West	house	223 Grotto St. N	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-1638	
of Wheeler House 226 Grotto St. S 23 2.8 NSE Saint Paul West RA-81.2H of Hague Ave. W 23 2.0 NSENE Saint Paul West RA-81.2H of Hague Ave. W 23 2.0 NSENE Saint Paul West RA-81.2H of Hague Ave. W 23 2.0 NSENE Saint Paul West RA-81.2H of Hague Ave. W 28 2.0 NSENE Saint Paul West RA-81.2H of Hague Ave. W 28 2.0 NSENE Saint Paul West RA-81.2H of Hague Ave. W 28 2.0 NWNE Saint Paul West RA-81.2H of Hague Ave. W 28 2.0 NWNE Saint Paul West RA-81.2H of Hague Ave. W 28 2.0 NWNE Saint Paul West RA-81.2H of Hague Ave. W 28 2.0 NWNE Saint Paul West RA-81.2H of Hague Ave. W 28 2.0 NWNE Saint Paul West RA-81.2H of Hague Ave. W 28 2.0 NWNE Saint Paul West RA-81.2H of Hague Ave. W 29 2.0 NWNE Saint Paul West	Cornelius Ruse Double House	224-226 Grotto St. N	28	23		Saint Paul West	RA-81-2H		RA-SPC-1639	
647 Hague Ave, W 28 23 2 NENE Saint Paul West 655 Hague Ave, W 28 23 2 NENE Saint Paul West 667 Hague Ave, W 28 23 2 NENE Saint Paul West 667 Hague Ave, W 28 23 2 NENE Saint Paul West 725 Hague Ave, W 28 23 2 NENE Saint Paul West 725 Hague Ave, W 28 23 2 NENE Saint Paul West 725 Hague Ave, W 28 23 2 NENE Saint Paul West 60 Hague Ave, W 28 23 2 NENE Saint Paul West 60 Hague Ave, W 28 23 2 NENE Saint Paul West 60 Hague Ave, W 28 23 2 NENE Saint Paul West 60 Hague Ave, W 28 23 2 NENE Saint Paul West 60 Hague Ave, W 28 23 2 NENE Saint Paul West 60 Hague Ave, W 28 23 2 NENE Saint Paul West 60 Hague Ave, W 28 23 2 NENE Saint Paul West 60 Hague Ave, W 29 2 NENE	Howard Wheeler House	226 Grotto St. S	28	23		Saint Paul West	RA-81-2H	>	RA-SPC-1643	
of Hague Ave. W 28 23 2 NENE Saint Paul West of Hague Ave. W 28 23 2 NENE Saint Paul West of Hague Ave. W 28 23 2 NENE Saint Paul West 125 Hague Ave. W 28 23 2 NENE Saint Paul West 725 Hague Ave. W 28 23 2 NENE Saint Paul West 814 Hague Ave. W 28 23 2 NWNE Saint Paul West onald, Mr. And Mrs. J.L., House 800 Hague Ave. W 28 23 2 NWNE Saint Paul West ent 814 Hague Ave. W 28 23 2 NWNE Saint Paul West ent 817 Hague Ave. W 28 23 2 NWNE Saint Paul West Mr. And Mrs. S.F., bouse 822 Hague Ave. W 28 23 2 NWNE Saint Paul West Atwater House 922 Hague Ave. W 28 23 2 NWNE Saint Paul West 1049 Hague Ave. W 922 Hague Ave. W 28 23 2 NWN Saint Paul West 1049 Hague Ave. W	house	647 Hague Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-1648	
of Hague Ave, W 28 23 2 NENE Saint Paul West dof Hague Ave, W 667 Hague Ave, W 28 23 2 NENE Saint Paul West dof Hague Ave, W 28 23 2 NENE Saint Paul West 755 Hague Ave, W 28 23 2 NENE Saint Paul West reluis, Mr. And Mrs. JL House 800 Hague Ave, W 28 23 2 NWNE Saint Paul West ent 814 Hague Ave, W 28 23 2 NWNE Saint Paul West ent 814 Hague Ave, W 28 23 2 NWNE Saint Paul West ent 817 Hague Ave, W 28 2 NWNE Saint Paul West ent 817 Hague Ave, W 28 2 NWNE Saint Paul West Mr. And Mrs. S.F., house 826 Hague Ave, W 28 2 NWNE Saint Paul West Mr. And Mrs. S.F., house 929 Hague Ave, W 28 2 NWNE Saint Paul West Atwater House 1049 Hague Ave, W 28 2 NWNW Saint Paul West 1050 Hague Ave, W 1050	house	655 Hague Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-1649	
def Hague Ave. W 28 23 2 NENE Saint Paul West nd's bouse 699 Hague Ave. W 28 23 2 NENE Saint Paul West 725 Hague Ave. W 28 23 2 NENE Saint Paul West 781 Hague Ave. W 28 23 2 NWNE Saint Paul West 5 Nande, Mr. And Mrs. JL House 800 Hague Ave. W 28 23 2 NWNE Saint Paul West 6 Ridgue Ave. W 816 Hague Ave. W 28 23 2 NWNE Saint Paul West 7 Ridgue Ave. W 816 Hague Ave. W 28 23 2 NWNE Saint Paul West 8 Brothers House 824 Hague Ave. W 28 23 2 NWNE Saint Paul West 922 Hague Ave. W 925 Hague Ave. W 28 2 NWNE Saint Paul West 1 Mr. And Mrs. S.F., house 929 Hague Ave. W 28 2 NWNE Saint Paul West 1 O49 Hague Ave. W 925 Hague Ave. W 28 2 NWNE Saint Paul West 1 O49 Hague Ave. W 1049 Hague Ave. W 28 2 NWNE Saint Paul West <	house	661 Hague Ave. W	28	23		Saint Paul West	RA-81-2H		RA-SPC-1650	
red brouse 699 Hague Ave. W 28 23 D.NENE Saint Paul West 725 Hague Ave. W 783-791 Hague Ave. W 28 23 2 NBNE Saint Paul West 783-791 Hague Ave. W 28 23 2 NWNE Saint Paul West 5 Sint Ball West 28 23 2 NWNE Saint Paul West 6 Sint Hague Ave. W 28 23 2 NWNE Saint Paul West 7 Sint Hague Ave. W 28 23 2 NWNE Saint Paul West 8 Sint Hague Ave. W 28 23 2 NWNE Saint Paul West 8 Sid Hague Ave. W 28 23 2 NWNE Saint Paul West Atwarter House 929 Hague Ave. W 28 23 2 NWNE Saint Paul West Atwarter House 1049 Hague Ave. W 28 23 2 NWNE Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23	house	667 Hague Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-1651	
725 Hague Ave, W 28 23 2 NENE Saint Paul West 783-791 Hague Ave, W 28 23 2 NWNE Saint Paul West onald, Mr. And Mrs. J.L., House 800 Hague Ave, W 28 23 2 NWNE Saint Paul West et 814 Hague Ave, W 28 23 2 NWNE Saint Paul West et 816 Hague Ave, W 28 23 2 NWNE Saint Paul West st Hague Ave, W 28 23 2 NWNE Saint Paul West re Brothers House 822 Hague Ave, W 28 23 2 NWNE Saint Paul West Atwater House 929 Hague Ave, W 28 23 2 NWNE Saint Paul West Atwater House 929 Hague Ave, W 28 23 2 NWNE Saint Paul West Atwater House 1049 Hague Ave, W 28 23 2 NWNW Saint Paul West 1050 Hague Ave, W 28 23 2 NWNW Saint Paul West 1050 Hague Ave, W 28 23 2 NWNW Saint Paul West 1050 Hague Ave, W 28 23 2 NWNW Saint Paul West 1050 Hague Ave, W 28 23 2 NWNW Saint Paul West 1050 Hague Ave, W 28 23 2 NWN	Symond's house	699 Hague Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-1652	
Tsd791 Hague Ave. W 28 23 2 NWNE Saint Paul West rsluis, Mr. And Mrs. G.A., House 796 Hague Ave. W 28 23 2 NWNE Saint Paul West onald, Mr. And Mrs. J.L., House 814 Hague Ave. W 28 23 2 NWNE Saint Paul West ent 817 Hague Ave. W 28 23 2 NWNE Saint Paul West re Brothers House 822 Hague Ave. W 28 23 2 NWNE Saint Paul West Mr. And Mrs. S.F., house 929 Hague Ave. W 28 23 2 NWNE Saint Paul West Mr. And Mrs. S.F., house 920 Hague Ave. W 28 23 2 NWNE Saint Paul West Atwater House 1048 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 2 NWNW Saint Paul West 1050 Hague Ave. W 28 2 NWNW Saint Paul West 1051 Hague Ave. W 28 2 NWNW Saint Paul West	house	725 Hague Ave. W	28	23		Saint Paul West	RA-81-2H		RA-SPC-1653	
roll of, Mr. And Mrs. J.L., House 796 Hague Ave. W 28 23 2 NWNE Saint Paul West onald, Mr. And Mrs. J.L., House 814 Hague Ave. W 28 23 2 NWNE Saint Paul West strict 816 Hague Ave. W 28 23 2 NWNE Saint Paul West strict 817 Hague Ave. W 28 23 2 NWNE Saint Paul West re Brothers House 822 Hague Ave. W 28 23 2 NWNE Saint Paul West Mr. And Mrs. S.F., house 929 Hague Ave. W 28 23 2 NWNE Saint Paul West d Atwater House 1048 Hague Ave. W 28 23 2 NWN Saint Paul West d Atwater House 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	house	783-791 Hague Ave. W	28	23		Saint Paul West	RA-81-2H		RA-SPC-1654	
onald, Mr. And Mrs. J.L., House 800 Hague Ave. W 28 23 2 NWNE Saint Paul West st Hague Ave. W 816 Hague Ave. W 28 23 2 NWNE Saint Paul West st Hague Ave. W 28 23 2 NWNE Saint Paul West re Brothers House 822 Hague Ave. W 28 23 2 NWNE Saint Paul West Mr. And Mrs. S.F., house 929 Hague Ave. W 28 23 2 NWNE Saint Paul West Atwater House 920 Hague Ave. W 28 23 2 NWN Saint Paul West Atwater House 1049 Hague Ave. W 28 23 2 NWN Saint Paul West 1049 Hague Ave. W 28 23 2 NWN Saint Paul West 1049 Hague Ave. W 28 23 2 NWN Saint Paul West 1050 Hague Ave. W 28 23 2 NWN Saint Paul West 1050 Hague Ave. W 28 23 2 NWN Saint Paul West 1050 Hague Ave. W 28 23 2 NWN Saint Paul West	Vandersluis, Mr. And Mrs. G.A., House		28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-1655	
sort Hague Ave. W 18 23 2 NWNE Saint Paul West 816 Hague Ave. W 28 23 2 NWNE Saint Paul West 817 Hague Ave. W 28 23 2 NWNE Saint Paul West 836 Hague Ave. W 28 23 2 NWNE Saint Paul West Mr. And Mrs. S.F., house 929 Hague Ave. W 28 23 2 NENW Saint Paul West Advater House 1048 Hague Ave. W 28 23 2 NENW Saint Paul West 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West	MacDonald, Mr. And Mrs. J.L., House	800 Hague Ave. W	28	23		Saint Paul West	RA-81-2H		RA-SPC-1656	
entl 816 Hague Ave. W 28 23 2 NWNE Saint Paul West 817 Hague Ave. W 28 23 2 NWNE Saint Paul West 836 Hague Ave. W 28 23 2 NWNE Saint Paul West 929 Hague Ave. W 28 23 2 NWNE Saint Paul West 962 Hague Ave. W 28 23 2 NENW Saint Paul West 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	house	814 Hague Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-1657	
re Brothers House 817 Hague Ave. W 28 23 NWNE Saint Paul West 822 Hague Ave. W 28 23 NWNE Saint Paul West Mr. And Mrs. S.F., house 929 Hague Ave. W 28 23 NWNW Saint Paul West Atwater House 1048 Hague Ave. W 28 23 NWNW Saint Paul West 1049 Hague Ave. W 28 23 NWNW Saint Paul West 1050 Hague Ave. W 28 23 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 NWNW Saint Paul West	apartment	816 Hague Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-1658	
re Brothers House 822 Hague Ave. W 28 23 2 NWNE Saint Paul West 356 Hague Ave. W 28 23 2 NENW Saint Paul West Atwater House 1048 Hague Ave. W 28 23 2 NENW Saint Paul West Atwater House 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	house	817 Hague Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-1659	
M.T. And Mrs. S.F., house 929 Hague Ave. W 28 23 2 NWNE Saint Paul West M.T. And Mrs. S.F., house 962 Hague Ave. W 28 23 2 NENW Saint Paul West d Atwater House 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	Maguire Brothers House	822 Hague Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-1660	
Mr. And Mrs. S.F., house 929 Hague Ave. W 28 23 2 NENW Saint Paul West 962 Hague Ave. W 28 23 2 NWNW Saint Paul West d Atwater House 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	house	836 Hague Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-1661	
d Atwater House 1048 Hague Ave. W 28 23 2 NENW Saint Paul West d Atwater House 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	Pierce, Mr. And Mrs. S.F., house	929 Hague Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-1663	
d Atwater House 1048 Hague Ave. W 28 23 2 NWNW Saint Paul West 1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	house	962 Hague Ave. W	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-1664	
1049 Hague Ave. W 28 23 2 NWNW Saint Paul West 1050 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	Willard Atwater House	1048 Hague Ave. W	28	23	2 NWNW	Saint Paul West	RA-81-2H		RA-SPC-1665	
1050 Hague Ave. W 28 23 2 NWNW Saint Paul West Redpath House 1051 Hague Ave. W 28 23 2 NWNW Saint Paul West	house	1049 Hague Ave. W	28	23	2 NWNW	Saint Paul West	RA-81-2H		RA-SPC-1666	
1051 Hague Avc. W Saint Paul West	house	1050 Hague Ave. W	28	23	2 NWNW	Saint Paul West	RA-81-2H		RA-SPC-1667	
	Henry Redpath House	1051 Hague Ave. W	28	23	2 NWNW	Saint Paul West	RA-81-2H		RA-SPC-1668	

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house	1059-1061 Hague Ave. W	28	23	2 NWNW	Saint Paul West	RA-81-2H			RA-SPC-1669
George Alverdes House	633 Holly Avc. W	78	23	2 SENE	Saint Paul West	RA-81-2H			RA-SPC-1818
Henry Dickey House	636 Holly Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H			RA-SPC-1819
house	638 Holly Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H			RA-SPC-1820
house	674 Holly Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H			RA-SPC-1821
Vienna & Earl Apartment Buildings	682-688 Holly Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H	>		RA-SPC-1822
Webster School	707 Holly Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H			RA-SPC-1823
house	722 Holly Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H			RA-SPC-1824
Unity Unitarian Church	732 Holly Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H			RA-SPC-1825
Jewish Educational Center	741 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1826
house	746 Holly Ave, W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1827
house	766 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1828
house	770 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1829
Edison R. Hubbell House	775 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1830
house	791 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1831
W.B. Taylor House	797 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1832
house	806 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1833
John Sullwold House	807 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1834
house	811 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1835
house	813 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1836
house	824 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1837
house	825 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1838
house	835 Holly Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H			RA-SPC-1839
Sei-Dale Block	612-618 Selby Ave. W. (also 164 Dale St. N.)	28	23	2 NENE	Saint Paul West	RA-81-2H			RA-SPC-3263

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PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	nses	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul	śeż							
monument	ca. 621 Selby Ave. W.	28	23	2 NENE	Saint Paul West	RA-81-2H	>	RA-SPC-3264
commercial building	741-743 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3265
Low House	747 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3266
residence	767 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3267
McDonough's Grocery	777-779 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3268
commercial building	778 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3269
residence	796 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3270
residence	800 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3271
residence	804 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3272
residence	814 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3273
residence	822 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3274
residence	826 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3275
residence	833-835 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3276
residence	843-845 Selby Ave. W.	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-3277
commercial building	861-863 Selby Ave. W. (also 175 Victoria St. N.)	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-3278
commercial building	862 Selby Ave. W.	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-3279
residence	887 Selby Ave. W.	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-3280
Danz House	888 Selby Ave. W.	28	23	2 NENW	Saint Paul West	RA-81-2H		RA-SPC-3281
Hill School	998 Selby Avc. W.	28	23	2 NWNW	Saint Paul West	RA-81-2H		RA-SPC-3282
boiler house	47 St. Albans St. N.	28	23	2 SENE	Saint Paul West	RA-81-2H	X	RA-SPC-3443
apartments	110 St. Albans St. N.	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-3444
residence	217 St. Albans St. N.	28	23	2 NENE	Saint Paul West	RA-81-2H	>	RA-SPC-3445
Henry M. Byllesby Rowhouse	21-27 St. Albans St. S.	28	23	2 NESE	Saint Paul West	RA-81-2H	>-	RA-SPC-3451
apartments	24 St. Albans St. S.	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-3452
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COUNTY: Ramsey CITY/TOWNSHIP: St. Paul								
apartments	42 St. Albans St. S.	28	23	2 NESE	Saint Paul West	RA-81-2H	×	RA-SPC-3453
apartments	62 St. Albans St. S.	28	23	2 NESE	Saint Paul West	RA-81-2H	X	RA-SPC-3454
residence	66 St. Albans St. S.	28	23	2 NESE	Saint Paul West	RA-81-2H	¥	RA-SPC-3455
Frank Whitney House	149 St. Albans St. S.	28	23	2 SESE	Saint Paul West	RA-81-2H	¥	RA-SPC-3456
Malcolm McMilliam House	1058 St. Clair Ave. W.	28	23	2 SW-SW-SW		RA-81-2H,RA- 98-1H		RA-SPC-3479
Louisa McQuillan House	623 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	Y	RA-SPC-3643
Charles H. and Elizabeth Schliek House	624 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	¥	RA-SPC-3644
William T. and Nellie Kirke House	629 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-3645
Augustus H. Schlick House	638 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	Y	RA-SPC-3646
Charles A. Dibble House	644 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-3647
A. G. Manson/Luman A. Gilbert House	649 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	>-	RA-SPC-3648
residence	650 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	X	RA-SPC-3649
residence	656 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	X	RA-SPC-3650
M.H.B. Gates House	659 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-3651
The Waldorf	672-678 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-3652
residence	677 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-3653
double residence	682-684 Summit Ave. W. (also 9 St. Albans St.)	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-3654
residence	683 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	> -	RA-SPC-3655
W. H. Elsinger House	701 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-3656
Jacob and Bettie Dittenhofer House	705 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	¥	RA-SPC-3657
H.M. Stocking House	710-712 Summit Avc. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	Y	RA-SPC-3658
residence	726 Summit Ave. W.	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-3659
First Church of Christ Scientist	735-739 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-3660

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COUNTY: Ramsey CITY/TOWNSHIP: St. Paul								
Rush B. and Harriet Wheeler House	749 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-3661
Gebhard and Lena Bohn House	761 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	> -	RA-SPC-3662
Herman and Helen Kretz House	768 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	>-	RA-SPC-3663
House of Hope Presbyterian Church	775-795 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-3664
residence	776 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	¥	RA-SPC-3665
residence	780 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	¥	RA-SPC-3666
Ella A. Sanders House	786 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-3667
residence	790 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-3668
Frank Dodson House	796 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-3669
Samuel & Madeline Dittenhofer House	807 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	¥	RA-SPC-3670
Horace E. Thompson House	808 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-3671
Frank W. Hurty House	818 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-3672
Charles L. Johnston House	821 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	¥	RA-SPC-3673
William and Dorothy Ingemann House	828 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-3674
Saunders House	834 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-3675
Charles Straus House	842 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	X	RA-SPC-3676
Jacob Westheimer House	846 Summit Ave. W.	28	23	2 NWSE	Saint Paul West	RA-81-2H	¥	RA-SPC-3677
Fred C. Norlander House	880 Summit Ave. W.	28	23	2 NESW	Saint Paul West	RA-81-2H	*	RA-SPC-3678
St. Paul's United Church of Christ	900 Summit Ave. W.	28	23	2 NESW	Saint Paul West	RA-81-2H	*	RA-SPC-3679
Alfred Wharton House	929 Summit Ave. W.	28	23	2 SENW	Saint Paul West	RA-81-2H	>	RA-SPC-3680
residence	934 Summit Ave, W.	28	23	2 SENW	Saint Paul West	RA-81-2H	¥	RA-SPC-3681
Dr. E.K. VonWedel Spredt House	937 Summit Ave. W.	28	23	2 SENW	Saint Paul West	RA-81-2H	*	RA-SPC-3682
residence	942 Summit Ave. W.	28	23	2 SENW	Saint Paul West	RA-81-2H	>	RA-SPC-3683
Stiles W. Burr House	943 Summit Ave. W.	28	23	2 SENW	Saint Paul West	RA-81-2H	· ×	RA-SPC-3684

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COUNTY: Ramsey CITY/TOWNSHIP: St. Paul								
Charles Beckhoefer House	952 Summit Ave. W.	28	23	2 SENW	Saint Paul West	RA-81-2H	>	RA-SPC-3685
Carlos N. Boynton House	955 Summit Ave. W.	28	23	2 SENW	Saint Paul West	RA-81-2H	X	RA-SPC-3686
George H. Prince House	965 Summit Ave. W.	28	23	2 SENW	Saint Paul West	RA-81-2H	¥	RA-SPC-3687
residence	966 Summit Ave. W.	28	23	2 SENW	Saint Paul West	RA-81-2H	>	RA-SPC-3688
Howard Johnson House	976 Summit Ave, W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	*	RA-SPC-3689
Louis Silverstein House	977 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	¥	RA-SPC-3690
James A. Wilson House	985 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	Y	RA-SPC-3691
Leo A. Guiterman House	986 Summit Avę. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	>	RA-SPC-3692
Henry G. and Ruth Allen House	990 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	*	RA-SPC-3693
Jules H. Burweil House	1003 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	>	RA-SPC-3694
Irvine, Horace orace H. and Clotilde, House	1006 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	X	RA-SPC-3695
William Bannon House	1009 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	¥	RA-SPC-3696
residence	1017 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	¥	RA-SPC-3697
Hopewell Clark House	1027 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	Y	RA-SPC-3698
William O'Brien House	1034-38 Summit Avc. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	>	RA-SPC-3699
residence	1042 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	>	RA-SPC-3700
St. Luke's School	1065 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	¥	RA-SPC-3701
W, O. Washburn House	1082 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	>	RA-SPC-3702
St. Luke's Catholic Church	1079 Summit Ave. W.	28	23	2 SWNW	Saint Paul West	RA-81-2H	*	RA-SPC-3703
residence	99 Victoria St. N.	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-3973
residence	115-117 Victoria St. N.	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-3974
automobile service garage	31-35 Victoria St. S. (also 867 Grand Ave. W.)	28	23	2 NESW	Saint Paul West	RA-81-2H	>	RA-SPC-3980
Eugene Towle House	18 Kenwood Pkwy	28	23	2 SESE	Saint Paul West	RA-81-2H	¥	RA-SPC-4074

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PROPERTY NAME	ADDRESS	Twp 1	Range	Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul								
house	25 Kenwood Pkwy	28	23	2 SESE	Saint Paul West	RA-81-2H	>	RA-SPC-4075
Phillip McQuillan House	26 Kenwood Pkwy	28	23	2 SESE	Saint Paul West	RA-81-2H		RA-SPC-4076
McNeil S. Stringer House	30 Kenwood Pkwy	28	23	2 SESE	Saint Paul West	RA-81-2H	>-	RA-SPC-4077
house	38 Kenwood Pkwy	28	23	2 SESE	Saint Paul West	RA-81-2H	>	RA-SPC-4078
Emil Geist House	42 Kenwood Pkwy	28	23	2 SESE	Saint Paul West	RA-81-2H	>	RA-SPC-4079
house	613 Laurel Avc. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-4162
house	616 Laurel Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-4163
house	654 Laurel Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4164
John W. Robertson House	661 Laurei Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4165
Spencer O. Merrill House	669 Laurel Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4166
Gilman Terrace	697-703 Laurel Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4167
apartment	735 Laurel Avc. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4168
house	752 Laurel Avc. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4169
house	765 Laurel Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4170
house	769 Laurel Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4171
house	791 Laurel Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4172
house	794 Laurel Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4173
Leonard, Mr. And Mrs. T.E., House	796 Laurel Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4174
house	800 Laurel Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4175
house	814 Laurel Avc. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4176
Eli Warner House	838 Laurel Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H		RA-SPC-4177
Woodland Park Baptist Church	860 Laurel Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-4178
house	876 Laurel Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-4179
house	880 Laurel Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-4180

PROPERTY NAME	ADDRESS	Twp	Range	Range Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul								
Nathan Barlow House	893 Laurel House	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-4181
Leonard S. Breher House	928 Laurel Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-4182
Hartland Johnson House	941 Laurel Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-4183
double house	948-950 Laurel Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-4184
C.W. Cline House	956 Laurel Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H		RA-SPC-4185
house	973 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4186
double house	975 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4187
Jacob Danz House	982 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4188
house	983 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4189
house	992 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4190
house	996 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4191
Arthur O. Huelster House	1016 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4192
D.H. Kimball House	1064 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4193
house	1088 Laurel Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4194
Oakview Apartments	616 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	¥	RA-SPC-4268
Martin Pfaff House	636 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-4269
George & Grace Morton House	656 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-4270
McKees/Rautenbush House	657 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	Y	RA-SPC-4271
house	670 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	Y	RA-SPC-4272
Francis W. Anderson House	679 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	¥	RA-SPC-4273
Schnell House	687 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	>	RA-SPC-4274
John Silver House	713 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	*	RA-SPC-4275
house	716 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	>-	RA-SPC-4276
Newell/Johnson House	731 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	X	RA-SPC-4277

PROPERTY NAME	ADDRESS	Twp R	Range	Sec Quarters	nses	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul								
rowhouse	733-739 Lincoln Ave. W	28	23	2 NESE	Saint Paul West	RA-81-2H	Y	RA-SPC-4278
Daniel Aberle House	736 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-4279
James Doran House	745 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-4280
John P. Knowles House	752 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-4281
Hansel House	753 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-4282
Harvey B. Fuller House	758 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-4283
Hughes House	773 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	*	RA-SPC-4284
J.H. Bryant House	776 Lincoln Ave W	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-4285
J.W. Fillebrown House	786-788 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	¥	RA-SPC-4286
house	794 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	¥	RA-SPC-4287
Oliver T. Crosby House	804 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-4288
H.J. Richardson House	815 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	>	RA-SPC-4289
house	824 Lincoln Ave. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	X	RA-SPC-4290
C.A. Crofoot House	846 Lincoln Avc. W	28	23	2 NWSE	Saint Paul West	RA-81-2H	¥	RA-SPC-4291
Edward McKinney House	854 Lincoln Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H	Y	RA-SPC-4292
Molloy House	916 Lincoln Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H	¥	RA-SPC-4293
Albert D. Brown House	945 Lincoln Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H	>	RA-SPC-4294
Charles P. Nienhauser House	951 Lincoln Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H	¥	RA-SPC-4295
Edward M. Crist House	969 Lincoln Ave. W	28	23	2 NESW	Saint Paul West	RA-81-2H	*	RA-SPC-4296
A.W. Millunchick House	975 Lincoln Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H	Y	RA-SPC-4297
Martha & William Horne House	993 Lincoln Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-4298
John Cahill House	1020 Lincoln Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-4299
Allan Black House	1024 Lincoln Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-4300
Louis Lefebvre House	1060 Lincoln Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-4301

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COUNTY: Ram CITY/TOWNSHIP: St. Paul	Ramsey . Paul								
Broderick House		1076 Lincoln Ave. W	28	23	2 NWSW	Saint Paul West	RA-81-2H		RA-SPC-4302
Edward Stringer House		696 Linwood Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	RA-SPC-4319
Samuel Turner House		700 Linwood Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	RA-SPC-4320
Glenn R. Walding House		709 Linwood Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	RA-SPC-4321
Edmund Houghtaling House		712 Linwood Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	*	RA-SPC-4322
Dr. F.J. Savage House		719 Linwood Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	>	RA-SPC-4323
Bjorklund House		725 Linwood Ave. W	28	23	2 SESE	Saint Paul West	RA-81-2H	X	RA-SPC-4324
Henry Schade House		859 Linwood Ave. W	28	23	2 SESW	Saint Paul West	RA-81-2H		RA-SPC-4325
duplex		863-865 Linwood Ave. W	28	23	2 SESW	Saint Paul West	RA-81-2H		RA-SPC-4326
house		948 Linwood Ave. W	28	23	2 SESW	Saint Paul West	RA-81-2H		RA-SPC-4327
house		964 Linwood Ave. W	28	23	2 SESW	Saint Paul West	RA-81-2H		RA-SPC-4328
house		1042 Linwood Ave. W	28	23	2 SWSW	Saint Paul West	RA-81-2H		RA-SPC-4329
Gideon S. Ives House		625 Marshali Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-4450
house		637 Marshail Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-4451
house		653 Marshall Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-4452
Classen Dupelx		663-665 Marshall Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-4453
duplex		694 Marshail Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-4454
ponse		701 Marshall Ave. W	28	23	2 NENE	Saint Paul West	RA-81-2H		RA-SPC-4455
Gustav Reifler Rowhouse		732-736 Marshall Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-4456
Stephenson House		737-739 Marshall Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-4457
house		772 Marshail Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-4458
William Yungbauer House		771 Marshall Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-4459
house		787 Marshall Avc. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-4460
duplex		824-826 Marshall Ave. W	28	23	2 NWNE	Saint Paul West	RA-81-2H		RA-SPC-4461

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COUNTY: Ramsey CITY/TOWNSHIP: St. Paul	Å							
F. Whitman House	947 Portland Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H	*	RA-SPC-4871
Henry Clement House	948 Portland Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H	¥	RA-SPC-4872
Schlenk House	955 Portland Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H	>	RA-SPC-4873
A.C. Thomson House	956 Portland Avc. W	28	23	2 SENW	Saint Paul West	RA-81-2H	}	RA-SPC-4874
Leo Pleins House	960 Portiand Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H	>	RA-SPC-4875
Hugo Schlenk House	961 Portland Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H	*	RA-SPC-4876
Anna Busch House	964 Portland Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H	>	RA-SPC-4877
house	977 Portland Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H	>	RA-SPC-4878
Samuel T. Dietz House	983 Portland Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H	Y	RA-SPC-4879
Morris Silverman House	987-989 Portland Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H	¥	RA-SPC-4880
house	1000 Portland Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H	X	RA-SPC-4881
house	1008 Portland Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4882
Fred Farmer House	1022 Portland Avc. W	28	23	2 SWNW	Saint Paul West	RA-81-2H	Y	RA-SPC-4883
Charles Beard House	1037 Portland Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H	¥	RA-SPC-4884
August Jacke House	1045 Portland Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H		RA-SPC-4885
house	1064 Portland Ave. W	28	23	2 SWNW	Saint Paul West	RA-81-2H	Y	RA-SPC-4886
St. John's Church Club House	614 Portland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4959
house	625 Portland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4960
Bertel Hansen Duplex	649-651 Portland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4961
house	650 Portland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4962
house	683 Portland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4963
St. Paul Academy	718 Portland Ave. W	28	23	2 SENE	Saint Paul West	RA-81-2H		RA-SPC-4965
Garrett J. Nagle House	805-807 Portland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H	*	RA-SPC-4966
house	819 Portland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H	≻	RA-SPC-4967

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COUNTY: Ramsey CITY/TOWNSHIP: St. Paul								
house	823 Portland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H	*	RA-SPC-4968
house	829 Portland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H	Y	RA-SPC-4969
William Zimmermann House	833 Portland Ave. W	28	23	2 SWNE	Saint Paul West	RA-81-2H	Y	RA-SPC-4970
St. Volodymyr & Olga Ukranian Orthodox Church	873 Portland Ave. W	28	23	2 SENW	Saint Paul West	RA-81-2H	>-	RA-SPC-4971
T. J. Mcarty House	872 Goodrich Ave.	28	23	2				RA-SPC-5652
Wolf and Marx Building	790-798 Grand Ave.	28	23	2	St. Paul West			RA-SPC-6401
St. Paul Academy School	780 Portand Ave,	28	23	2 NE-NE			>	RA-SPC-6531
Apartments	809 Portand Ave.	28	23	2 NE-NE			*	RA-SPC-6532
Duplex	811-815 Portand Ave.	28	23	2 NE-NE			*	RA-SPC-6533
House	816 Portand Ave.	28	23	2 NE-NE			>	RA-SPC-6534
House	817 Portand Ave.	78	23	2 NE-NE			>-	RA-SPC-6535
House	826 Portand Ave.	28	23	2 NE-NE			7	RA-SPC-6536
House	830 Portand Ave.	28	23	2 NE-NE			*	RA-SPC-6537
House	834 Portand Ave.	28	23	2 NE-NE			*	RA-SPC-6538
House	840 Portand Ave.	28	23	2 NE-NE			*	RA-SPC-6539
House	841 Portand Ave.	28	23	2 NE-NE			*	RA-SPC-6540
House	844 Portand Ave.	28	23	2 NE-NE			*	RA-SPC-6541
House	849 Portand Ave.	28	23	2 NE-NE			>	RA-SPC-6542
House	853 Portand Ave.	28	23	2 NE-NE			X	RA-SPC-6543
House	855-857 Portand Ave.	28	23	2 NE-NE			>	RA-SPC-6544
House	877 Portand Ave.	28	23	2 NE-NE			¥	RA-SPC-6545
House	881 Portand Ave.	28	23	2 NW-NW			¥	RA-SPC-6546
House	885 Portand Ave.	28	23	2 NW-NW			*	RA-SPC-6547

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COUNTY: Ramsey	>					
CITY/TOWNSHIP: St. Paul						
House	889 Portand Ave.	28	23 2 NW-NW		¥	RA-SPC-6548
House	927 Portand Ave.	28	23 2 NW-NW		*	RA-SPC-6549
House	930 Portand Ave.	28	23 2 NW-NW		>-	RA-SPC-6550
House	931 Portand Ave.	28	23 2 NW-NW		>	RA-SPC-6551
House	935 Portand Ave.	28	23 2 NW-NW		¥	RA-SPC-6552
House	965 Portand Ave.	28	23 2 NW-NW		Y	RA-SPC-6553
House	969 Portand Ave.	28	23 2 NW-NW		¥	RA-SPC-6554
House	972 Portand Ave.	28	23 2 NW-NW		*	RA-SPC-6555
House	976 Portand Ave.	28	23 2 NW-NW		>-	RA-SPC-6556
House	988 Portand Ave.	28	23 2 NW-NW		>-	RA-SPC-6557
Roarke, D. H. House	992 Portand Ave.	28	23 2 NW-NW		¥	RA-SPC-6558
Roarke, D. H. House	993 Portand Ave.	28	23 2 NW-NW		Y	RA-SPC-6559
Bower, W. S. House	997 Portand Ave.	28	23 2 MW-NW		>	RA-SPC-6560
House	999 Portand Ave.	28	23 2 NW-NW		¥	RA-SPC-6561
House	1004 Portand Ave.	28	23 2 NW-NW		>	RA-SPC-6562
House	1005 Portand Ave.	28	23 2 NW-NW		>-	RA-SPC-6563
House	1009 Portand Ave.	28	23 2 NW-NW		>	RA-SPC-6564
House	1011 Portand Ave.	28	23 2 NW-NW		>-	RA-SPC-6565
House	1012 Portand Ave.	28	23 2 NW-NW		*	RA-SPC-6566
House	1017 Portand Ave.	28	23 2 NW-NW		*	RA-SPC-6567
House	1018 Portand Ave.	28	23 2 NW-NW		>-	RA-SPC-6568
House	1021 Portand Ave.	28	23 2 NW-NW		>	RA-SPC-6569
House	1025 Portand Ave.	28	23 2 NW-NW		*	RA-SPC-6570
Brennan, E. J., House	1026 Portand Ave.	28	23 2 NW-NW		Y	RA-SPC-6571

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PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	USGS	Report	NRHP CEF D	DOE	Inventory Number
COUNTY: Ramsey									
CITY/TOWNSHIP: St. Paul									
Duplex	1027-1029 Portand Ave.	28	23	2 MW-NW			¥	83	RA-SPC-6572
House	1032 Portand Ave.	28	23	2 NW-NW			¥	R.	RA-SPC-6573
Hamilton/Sanborn House	1033 Portand Ave.	28	23	2 NW-NW			¥	Ϫ	RA-SPC-6574
House	1036 Portand Ave.	28	23	2 NW-NW			¥	2	RA-SPC-6575
House	1044 Portand Ave.	28	23	2 NW-NW			Y	8	RA-SPC-6576
Duplex	1046-1048 Portand Ave.	28	23	2 NW-NW			X	8	RA-SPC-6577
House	1049 Portand Ave.	28	23	2 NW-NW			¥	સ	RA-SPC-6578
House	1056 Portand Ave.	28	23	2 NW-NW			Y	R	RA-SPC-6579
House	1057 Portand Ave.	28	23	2 NW-NW			Y	껖	RA-SPC-6580
House	1060 Portand Ave.	28	23	2 NW-NW			X	2	RA-SPC-6581
House	1061 Portand Ave.	28	23	2 NW-NW			Y	A.	RA-SPC-6582
House	1065 Portand Ave.	28	23	2 NW-NW			Y	8	RA-SPC-6583
House	1071 Portand Ave.	28	23	2 NW-NW			Y	쏪	RA-SPC-6584
House	1072 Portand Ave.	28	23	2 NW-NW			¥	c ∠	RA-SPC-6586
House	1075 Portand Ave.	28	23	2 NW-NW			¥	p.	RA-SPC-6587
House	1076 Portand Ave.	28	23	2 NW-NW			>	K.	RA-SPC-6588
Berrisford, E.P., House	1089 Portand Ave.	28	23	2 NW-NW			*	ĸ	RA-SPC-6589
Apartment Building	30 St. Albans S.	28	23	2 SE-SE			¥	×	RA-SPC-6590
House	131 St. Albans S.	28	23	2 SE-SE			Y	α.	RA-SPC-6591
House	26-28 Victoria	28	23	2 SE-SE			X	×	RA-SPC-6600
House	69 Victoria St. S	28	23	2 NE-NE			¥	24	RA-SPC-6637
House	75 Victoria St. S	28	23	2 SW-SW			>	2	RA-SPC-6638
House	81 Victoria St. S	28	23	2 SW-SW			¥	X	RA-SPC-6639
Apartment	85-97 Victoria St. S	28	23	2 SW-SW			X	2	RA-SPC-6640

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COUNTY: Ramsey CITY/TOWNSHIP: St. Paul House						
	107 Victoria St. S	28	23 2 SW-SW		¥	RA-SPC-6642
Apartment 126	(26-134 Victoria St. S	28	23 2		>	RA-SPC-6643
House 170	170 Victoria St. S	28	23 2 SE-SE		X	RA-SPC-6644
House 208	208 Victoria St. S	28	23 2 SE-SE		X	RA-SPC-6645
House 635	635 Summit Ave.	28	23 2		*	RA-SPC-6664
House 600	660-662 Summit Ave.	28	23 2 SE-SE		¥	RA-SPC-6665
House 666	666 Summit Ave.	28	23 2 SE-SE		Y	RA-SPC-6667
House 669	669 Summit Ave.	28	23 2 NE-NE		¥	RA-SPC-6668
House 692	692 Summit Ave.	28	23 2 SE-SE		>-	RA-SPC-6669
House 696	696 Summit Ave.	28	23 2 SE-SE		>	RA-SPC-6670
House 700	700-702 Summit Ave.	28	23 2 SE-SE		¥	RA-SPC-6671
House 704	704-706 Summit Ave.	28	23 2 SE-SE		X	RA-SPC-6672
House 720	720-722 Summit Ave.	28	23 2 SE-SE		*	RA-SPC-6673
Assembly of God Church 845	845 Summit Avc.	28	23 2 NE-NE		*	RA-SPC-6674
House 850	850 Summit Ave.	28	23 2 SE-SE		¥	RA-SPC-6675
House 862	862-864 Summit Ave.	28	23 2 SW-SW		¥	RA-SPC-6676
House		28	23 2 SW-SW		>	RA-SPC-6677
Our Lady of Peace High School 875	875 Summit Ave.	28	23 2 NW-NW		>-	RA-SPC-6678
House 926	926 Summit Ave.	28	23 2 SW-SW		*	RA-SPC-6679
House 103	1035 Summit Ave.	28	23 2 NW-NW		X	RA-SPC-6680
House 24(24 Oxford St. S	28	23 2 SW-SW		X	RA-SPC-6681
House 36 (36 Oxford St. S	28	23 2 SW-SW		*	RA-SPC-6682
I. H. B. Beebe & Paul H. Gotzian House 683	683 Osceola Ave.	28	23 2 SE-SE		¥	RA-SPC-6683
House 700	700 Osceola Ave.	28	23 2 SE-SE		*	RA-SPC-6684

PROPERTY NAME		ADDRESS	Twp	Range	Sec Quarters	USGS	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ram: CITY/TOWNSHIP: St. Paul	Ramsey t. Paul								
House		708 Osceola Ave.	28	23	2 SE-SE			¥	RA-SPC-6685
House		716 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6686
House		736 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6687
Hinckley, H.B., House		745 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6688
House		757 Osceola Ave.	28	23	2 SE-SE			Y	RA-SPC-6690
House		758 Osceola Ave.	28	23	2 SE-SE			¥	RA-SPC-6691
House		761 Osceola Ave.	28	23	2 SE-SE			Y	RA-SPC-6692
Risser, C. D., House		762 Osceola Ave.	28	23	2 SE-SE			¥	RA-SPC-6693
Caldwell, C. L., House		767 Oscoola Ave.	28	23	2 SE-SE			*	RA-SPC-6694
House		770 Osceola Ave.	28	23	2 SE-SE			≯.	RA-SPC-6695
House		775 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6696
House		780 Osceola Ave.	28	23	2 SE-SE			*	RA-SPC-6697
House		784 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6698
House		788 Osceola Ave.	28	23	2			>	RA-SPC-6699
House		789 Osceola Ave,	28	23	2 SE-SE			Y	RA-SPC-6700
House		792 Osceola Ave.	28	23	2 SE-SE			¥	RA-SPC-6701
House		793 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6702
Ertz, H. E., House		796 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6703
House		799 Osceola Ave.	28	23	2 SE-SE			Y	RA-SPC-6704
House		806 Osceola Ave.	28	23	2 SE-SE			¥	RA-SPC-6705
House		807 Osceola Ave.	28	23	2 SE-SE			*	RA-SPC-6706
House		812 Osceola Ave.	28	23	2 SE-SE			¥	RA-SPC-6707
Ware, R. L., House		817 Osceola Ave.	28	23	2 SE-SE			Y	RA-SPC-6708
House		820 Osceola Ave.	28	23	2 SE-SE			Y	RA-SPC-6709

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PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	USGS	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul	Š:							
Bartlett House	821 Osceola Ave.	28	23	2 SE-SE			*	RA-SPC-6710
House	825 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6711
House	826 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6712
House	829 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6713
House	832 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6714
House	835 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6715
House	839 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6716
Michael, J. C., House	840 Osceola Ave.	28	23	2 SE-SE			>-	RA-SPC-6717
House	845 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6718
Keith Pahnestock House	846 Osceola Ave.	28	23	2 SE-SE			>-	RA-SPC-6719
Powers, L. M., House	849 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6720
Roberts, D. M., House	852 Osceola Ave.	28	23	2 SE-SE			≻	RA-SPC-6721
House	853 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6722
House	856 Osceola Ave.	28	23	2 SE-SE			>	RA-SPC-6723
Dickson, J. M., House	862 Osceola Ave.	28	23	2 SW-SW			¥	RA-SPC-6724
Trudeau, Charles, House	863 Osceola Ave.	28	23	2 SW-SW			¥	RA-SPC-6725
House	866 Osceola Ave.	28	23	2 SW-SW			¥	RA-SPC-6726
McCrassen, J. A., House	869 Osceola Ave.	28	23	2 SW-SW			*	RA-SPC-6727
Keiler, W. A., House	875 Osceola Ave.	28	23	2 SW-SW			*	RA-SPC-6729
Young, D. E., House	876 Osceola Ave.	28	23	2 SW-SW			Y	RA-SPC-6730
House	880 Osceola Ave.	28	23	2 SW-SW			X	RA-SPC-6731
House	19 Milton St. S	28	23	2 SW-SW			¥	RA-SPC-6737
House	63 Milton St. S	28	23	2 SW-SW			¥	RA-SPC-6738
House	301 Maiden Lane	28	23	2 NE-NE			¥	RA-SPC-6741

PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	nses	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul	к							
House	690 Linwood	28	23	2 SE-SE			>	RA-SPC-6744
House	703 Linwood	28	23	2 SE-SE			Y	RA-SPC-6745
House	705 Linwood	28	23	2 SE-SE			¥	RA-SPC-6746
House	715 Linwood	28	23	2 SE-SE			>	RA-SPC-6747
House	722 Linwood	28	23	2 SE-SE			Y	RA-SPC-6748
House	740 Linwood	28	23	2 SE-SE			Y	RA-SPC-6750
House	748 Linwood	28	23	2 SE-SE			Y	RA-SPC-6751
House	749-751 Linwood	28	23	2 SE-SE			>	RA-SPC-6752
House	754 Linwood	28	23	2 SE-SE			*	RA-SPC-6753
House	757 Linwood	28	23	2 SE-SE			Y	RA-SPC-6754
House	760 Linwood	28	23	2 SE-SE			X	RA-SPC-6755
House	761 Linwood	28	23	2 SE-SE			>	RA-SPC-6756
House	766 Linwood	28	23	2 SE-SE			*	RA-SPC-6757
House	767 Linwood	28	23	2 SE-SE			Y	RA-SPC-6758
Webster, W. B., House	772 Linwood	28	23	2 SE-SE			¥	RA-SPC-6759
Maxfield, H. G., House	781 Linwood	28	23	2 SE-SE			*	RA-SPC-6760
Bingham, S., House	784 Linwood	28	23	2 SE-SE			×	RA-SPC-6761
House	785 Linwood	28	23	2 SE-SE			Y	RA-SPC-6762
House	791 Linwood	28	23	2 SE-SE			¥	RA-SPC-6763
House	794 Linwood	28	23	2 SE-SE			>	RA-SPC-6764
House		28	23	2 SE-SE			≻	RA-SPC-6765
House	927 Lincoln	28	23	2 SW-SW			*	RA-SPC-6766
Miller, W. A., House	803 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6767
Black, Allan, House	809 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6768

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PROPERTY NAME	ADDRESS	Twp	Range S	Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey								
CITY/TOWNSHIP: St. Paul								
House	821 Lincoln Ave.	28	23	2 SE-SE			*	RA-SPC-6770
Hoffman, L. G., House	937 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6771
House	828 Lincoln Ave.	28	23	2 SE-SE			X	RA-SPC-6772
House	829 Lincoln Ave.	28	23	2 SE-SE			λ	RA-SPC-6773
House	830 Lincoln Ave.	28	23	2 SE-SE			Y	RA-SPC-6774
Hancock, G. W. F., House	833 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6775
House	834 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6776
House	838 B Lincoln Ave.	28	23	2 SE-SE			X	RA-SPC-6777
House	839 Lincoln Ave.	28	23	2 SE-SE			Y	RA-SPC-6778
House	845 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6779
Lott/Johnston House	847 Lincoln Ave.	28	23	2 SE-SE			X	RA-SPC-6780
Perkins, Jr., W. L., House	857 Lincoln Ave.	28	23	2 SE-SE			Y	RA-SPC-6781
House	873 Lincoln Ave.	28	23	2 SW-SW			X	RA-SPC-6782
Meyer House	877 Lincoln Ave.	28	23	2 SW-SW			¥	RA-SPC-6783
House	880 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6784
Moore, Frank, House	881 Lincoln Ave.	28	23	2 SW-SW			Y	RA-SPC-6785
Young, Henry H., House	884 Lincoln Ave.	28	23	2 SW-SW				RA-SPC-6786
House	885 Lincoln Ave.	28	23	2 SW-SW			X	RA-SPC-6787
House	888 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6788
House	889 Lincoln Ave.	28	23	2 SW-SW			X	RA-SPC-6789
House	893 Lincoln Ave.	28	23	2 SW-SW			¥	RA-SPC-6790
House	896 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6791
House	899 Lincoln Ave.	28	23	2 SW-SW			¥	RA-SPC-6792
Hoffman, J. H., House	900 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6793

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PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	USGS	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey								
CITY/TOWNSHIP: St. Paul								
Gubebe, H. W., House	904 Lincoln Ave.	28	23	2 SW-SW			X	RA-SPC-6794
Shield, L. E., House	911 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6795
House	912 Lincoln Ave.	28	23	2 SW-SW			>-	RA-SPC-6796
Bell, Mrs. John, House	917 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6797
House	920 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6798
House	923 Lincoln Ave.	28	23	2 SW-SW			*	RA-SPC-6799
Sanborn, Mrs. J.B., House	928 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6800
Bangs, D. S., House	936 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6821
Keust, P. M., House	944 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6822
Heaton, George, House	950 Lincoln Ave.	28	23	2 SW-SW			¥	RA-SPC-6823
House	954 Lincoln Ave.	28	23	2 SW-SW			¥	RA-SPC-6824
Gutsche, H. W., Houe	957 Lincoln Ave.	28	23	2 SW-W			X	RA-SPC-6825
Williams, Mrs. G. G., House	961 Lincoln Ave.	28	23	2 SW-SW			*	RA-SPC-6841
Perry, Mrs. J. E., House	964 Lincoln Ave.	28	23	2 SW-SW			¥	RA-SPC-6842
House	968 Lincoln Ave.	28	23	2 SW-SW			¥	RA-SPC-6843
House	972 Lincoln Ave.	28	23	2 NW-NW			¥	RA-SPC-6844
House	973 Lincoln Ave.	28	23	2 SW-SW			>	RA-SPC-6845
Holm, Olaf, House	976 Lincoln Ave.	28	23	2 SW-SW			*	RA-SPC-6846
Merryman/Hughes House	1036 Lincoln Ave.	28	23	2 SW-SW			¥	RA-SPC-6847
House	623 Lincoln Ave.	28	23	2 SE-SE			X	RA-SPC-6848
Schaub, P. J., House	632 Lincoln Ave.	28	23	2 SE-SE			*	RA-SPC-6849
House	633 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6850
O'Brien, Mrs. Dillion, House	635 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6851
Davidson/Lyon Houose	641 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6852

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PROPERTY NAME	ADDRESS	Twp	Range	Range Sec Quarters	nses	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul	λ							
Ellison, B. F., House	642 Lincoln Ave.	28	23	2 SE-SE			Y	RA-SPC-6853
House	647 Lincoln Ave.	28	23	2 SE-SE			Y	RA-SPC-6854
House	648 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6855
House	653 Lincoln Ave.	28	23	2 SE-SE			> -	RA-SPC-6856
House	658 Lincoln Ave.	28	23	2 SE-SE			<i>></i>	RA-SPC-6857
Kobbe House	661 Lincoln Ave.	28	23	2 SE-SE			X	RA-SPC-6858
House	663 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6859
House	666 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6860
House	667 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6861
House	673 Lincoln Ave.	28	23	2 SE-SE			>-	RA-SPC-6862
House	674 Lincoln Ave.	28	23	2 SE-SE			*	RA-SPC-6863
Schnell, Herman, House	681 Lincoln Ave.	28	23	2 SE-SE			*	RA-SPC-6864
House	682-684 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6865
Winter, F. G., House	690 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6866
House	691 Lincoln Ave.	28	23	2 SE-SE			*	RA-SPC-6867
Sanbom, W. J., House	694 Lincoln Ave.	28	23	2 SE-SE			*	RA-SPC-6868
Kaiser, J. E., House	695 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6869
House	835 Osceola Ave.	28	23	2 SE-SE			Y	RA-SPC-6870
Dononhue, E. J., House	853 Lincoln Ave.	28	23	2 SE-SE			Y	RA-SPC-6871
House	876 Lincoln Ave.	28	23	7			*	RA-SPC-6873
Pierce, H. M., House	700 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6874
Howland, C. E., House	703 Lincoln Ave.	28	23	2 SE-SE			×	RA-SPC-6875
House	706 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6876
Egan, W. H., House	710 Lincoln Ave.	28	23	2 SE-SE			*	RA-SPC-6877

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PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	USGS	Report	NRHP CEF DOE	3 Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul	Š:							
Henricks/Allen House	711 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6878
House	721 Lincoln Ave.	28	23	2 SE-SE			*	RA-SPC-6879
House	726 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6880
Krayenbulk, F. L. House	727 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6881
House	744 Lincoln Ave.	28	23	2 SE-SE			Y	RA-SPC-6883
Taylor, G. D., House	761 Lincoln Ave.	28	23	2 SE-SE			×	RA-SPC-6884
Hughes, L. A., House	764 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6885
Funk, William, House	769 Lincoln Ave.	28	23	2 SSE			¥	RA-SPC-6887
Thomas, G. F., House	777 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6889
Reynoldson, J. T., House	781 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6890
House	784 Lincoln Ave.	28	23	2 SE-SE			X	RA-SPC-6891
Raudenbush, F. H., House	789 Lincoln Ave.	28	23	2 SE-SE			>	RA-SPC-6892
House	791 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6893
House	797 Lincoln Ave.	28	23	2 SE-SE			¥	RA-SPC-6894
House	657 Fairmount Ave.	28	23	2 SE-SE			*	RA-SPC-6933
House	897 Goodrich Ave.	28	23	2 SW-SW			>	RA-SPC-6935
House	903 Goodrich Ave.	28	23	2 SW-SW			¥	RA-SPC-6936
Apartment	622 Grand Ave.	28	23	2 SE-SE			*	RA-SPC-6948
Apartment	623-625 Grand Ave.	28	23	2 SE-SE			*	RA-SPC-6949
Apartment	635-637 Grand Ave.	28	23	2 SE-SE			*	RA-SPC-6950
Apartment	636 Grand Ave.	28	23	2 SE-SE			>	RA-SPC-6951
Apartment	639-641 Grand Ave.	28	23	2 SE-SE			*	RA-SPC-6952
Apartment	649 Grand Ave.	28	23	2 SE-SE			*	RA-SPC-6953
Commercial Building	646-650 Grand Ave.	28	23	2 SE-SE			>	RA-SPC-6954

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PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	nses	Report	NRHP (CEF DOE	Inventory Number
COUNTY: Ramsey									
CITY/TOWNSHIP: St. Paul									
Commercial Building	658 Grand Ave.	28	23	2 SE-SE			*		RA-SPC-6955
Apartment	661 Grand Ave.	28	23	2 SE-SE			>		RA-SPC-6956
Apartment	669 Grand Ave.	28	23	2 SE-SE			*		RA-SPC-6957
Commercial Building	670-672 Grand Ave.	28	23	2 SE-SE			¥		RA-SPC-6958
Apartment	11 Kenwood Terrace (Parkway)	28	23	2 SE-SE			*		RA-SPC-6959
Apartment	34 Kenwood Terrace (Parkway)	28	23	2 SE-SE			>		RA-SPC-6961
Apartment	19 Kenwood Terrace (Parkway)	28	23	2 SE-SE			>		RA-SPC-6962
House	36 Kenwood Terrace (Parkway)	28	23	2 SE-SE			> -		RA-SPC-6963
House	41 Kenwood Terrace (Parkway)	28	23	2 SE-SE			>		RA-SPC-6964
House	44 Kenwood Terrace (Parkway)	28	23	2 SE-SE			> -		RA-SPC-6965
House	149 Grotto St.	28	23	2 SE-SE			>		RA-SPC-6985
House	180 Grotto St.	28	23	2 SE-SE			⋆		RA-SPC-6986
House	214 Grotto St.	28	23	2 SE-SE			>		RA-SPC-6987
House	215 Grotto St.	28	23	2 SE-SE			¥		RA-SPC-6988
Weyerhaeuser Carriage House	21-23 S. Avon	28	23	2			X		RA-SPC-7140
house	152 Avon St. S	28	23	2 NE-SW-SE	St. Paul West		>		RA-SPC-7308
house	197 Avon St. S	28	23	2 SW-SW-SE	St. Paul West		*		RA-SPC-7309
house	213-215 Avon St. S	28	23	2 NW-SW-SE	St. Paul West		}		RA-SPC-7310
house	218 Avon Ave. S	28	23	2 NW-SW-SE	St. Paul West		¥		RA-SPC-7311
house	223 Avon Ave. S	28	23	2 NW-SW-SE	St. Paul West		>		RA-SPC-7312
house	30 Chatsworth St.	28	23	2 SW-SE-NW	St. Paul West		>		RA-SPC-7313
house	43 Chatsworth St.	28	23	2 SE-SW-NW	St. Paul West		>		RA-SPC-7314
apartments	62 Dale St.	28	23	2 NE-SE-NE	St. Paul West		>-		RA-SPC-7321
house	618 Fairmount Ave.	28	23	2 NE-SE-SE	St. Paul West		>		RA-SPC-7335

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PROPERTY NAME		ADDRESS	Twp	Range	See Quarters	usgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ram: CITY/TOWNSHIP: St. Paul	Ramsey								
W.H. Vittum House		639 Fairmount Ave.	28	23	2 NE-SE-SE	St. Paul West		>	RA-SPC-7336
house		654 Fairmount Ave.	28	23	2 NE-SE-SE	St. Paul West		X	RA-SPC-7337
house		666 Fairmount Ave.	28	23	2 NE-SE-SE	St. Paul West		>	RA-SPC-7338
Allen H. Stem House		680 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		¥	RA-SPC-7339
house		686 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		>	RA-SPC-7340
house		689 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		>	RA-SPC-7341
house		688 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		>-	RA-SPC-7342
house		692 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		>-	RA-SPC-7343
house		707 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		>	RA-SPC-7344
house		713 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		>-	RA-SPC-7345
B.H. Schriber House		727 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		>	RA-SPC-7346
L.C. Bacon House		737 Fairmount Ave.	28	23	2 NW-SE-SE	St. Paul West		¥	RA-SPC-7347
house		742 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		>	RA-SPC-7348
house		746 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		*	RA-SPC-7349
house		749 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		>-	RA-SPC-7350
house		750 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		>	RA-SPC-7351
Dixon S. Elliott House		753 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		¥	RA-SPC-7352
Dixon S. Elliott House		756 Fairmount Avc.	28	23	2 NE-SW-SE	St. Paul West		X	RA-SPC-7353
house		764 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		X	RA-SPC-7354
John E. Haycock House		767 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		X	RA-SPC-7355
A.W. Trenholm House		770 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		X	RA-SPC-7356
John E. Haycock House		771 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		>	RA-SPC-7357
G.B. Dodd House		772 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		>	RA-SPC-7358
J.E. Ricketts House		784 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		>	RA-SPC-7359

	ADDRESS	Twp	Range	Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey	·ey							
CITY/TOWNSHIP: St. Paul								
house	788 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		¥	RA-SPC-7360
S.C. Cook House	792 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		>	RA-SPC-7361
Asa G. Briggs House	793 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		¥	RA-SPC-7362
A. E. Boyesen House	796 Fairmount Ave.	28	23	2 NE-SW-SE	St. Paul West		¥	RA-SPC-7363
house	805 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		¥	RA-SPC-7364
house	807 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		>	RA-SPC-7365
Shea/Skaret House	808 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		> -	RA-SPC-7366
house	814 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		>-	RA-SPC-7367
apartments	815-817 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		X	RA-SPC-7368
M.L. Merrill House	\$18 Fairmount Ave.	38	23	2 NW-SW-SE	St. Paul West		X	RA-SPC-7369
house	821 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		>	RA-SPC-7370
house	822-824 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		Υ	RA-SPC-7371
house	831 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		¥	RA-SPC-7372
house	835 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		X	RA-SPC-7373
house	836 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		X	RA-SPC-7374
house	844 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		*	RA-SPC-7375
house	845 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		>	RA-SPC-7376
house	849 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		Y	RA-SPC-7377
house	853 Fairmount Ave.	28	23	2 NW-SW-NE	St. Paul West		×	RA-SPC-7378
N.S. Rose House	857-859 Fairmount Ave.	28	23	2 NW-SW-SE	St. Paul West		*	RA-SPC-7379
A.C. Floan House	862 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		Y	RA-SPC-7380
Pearson/Sweeney House	865 Fairmount Ave.	. 28	23	2 NE-SE-SW	St. Paul West		*	RA-SPC-7381
F.J. Ottis House	867 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		>	RA-SPC-7382
house	868 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		X	RA-SPC-7383

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PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	usgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul	λ							
house	873 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		*	RA-SPC-7384
house	874 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		>	RA-SPC-7385
A.B. Van Bergen House	880 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		*	RA-SPC-7386
house	883 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		X	RA-SPC-7387
house	891 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		¥	RA-SPC-7388
house	892 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		¥	RA-SPC-7389
house	897 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		X	RA-SPC-7390
house	900 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		Y	RA-SPC-7391
house	901 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		>	RA-SPC-7392
house	903 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		> -	RA-SPC-7393
house	904 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		>	RA-SPC-7394
house	910 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		Υ	RA-SPC-7395
house	911 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		Y	RA-SPC-7396
house	661 Fairmount Ave.	28	23	2 NE-SE-SE	St. Paul West		X	RA-SPC-7398
house	665 Fairmount Ave.	28	23	2 NE-SE-SE	St. Paul West		¥	RA-SPC-7399
Herbert Davis House	671 Fairmount Ave.	28	23	2 NE-SE-SE	St. Paul West		Y	RA-SPC-7400
house	917 Fairmount Ave.	28	23	2 NE-SE-SW	St. Paul West		×	RA-SPC-7401
Edward J. Jones House	620-622 Goodrich Ave.	28	23	2 NE-SE-SE	St. Paul West		>-	RA-SPC-7402
E.J. Megrath House	621-623 Goodrich Ave.	28	23	2 SE-NE-SE	St. Paul West		×	RA-SPC-7403
Alex Cathcart House	631 Goodrich House	28	23	2 SE-NE-SE	St. Paul West		Y	RA-SPC-7405
house	635 Goodrich House	28	23	2 SE-NE-SE	St. Paul West		Y	RA-SPC-7406
house	641 Goodrich House	28	23	2 SE-NE-SE	St. Paul West		Y	RA-SPC-7407
J.E. Markham House	642 Goodrich House	28	23	2 NE-SE-SE	St. Paul West		Y	RA-SPC-7408
house	644 Goodrich House	28	23	2 NE-SE-SE	St. Paul West		>	RA-SPC-7409

Thursday, September 29, 2016

PROPERTY NAME	ADDRESS	Twp	Range	Sec Quarters	nsgs	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey								
CITY/TOWNSHIP: St. Paul								
Kirk Driscoll House	645 Goodrich House	28	23	2 SE-NE-SE	St. Paul West		*	RA-SPC-7410
W.P. Harper House	649 Goodrich House	28	23	2 SE-NE-SE	St. Paul West		¥	RA-SPC-7411
Humphrey Barton House	650 Goodrich House	28	23	2 NE-SE-SE	St. Paul West		Ϋ́	RA-SPC-7412
S.C. Stickney House	653 Goodrich House	28	23	2 SE-NE-SE	St. Paul West		Y	RA-SPC-7413
Russell-Booth House	655-657 Goodrich Ave.	28	23	2 SE-NE-SE	St. Paul West		X	RA-SPC-7414
house	662 Goodrich Ave.	28	23	2 NE-SE-SE	St. Paul West		Y	RA-SPC-7415
J.L. Donahower House	665 Goodrich Ave.	28	23	2 SE-NE-SE	St. Paul West		Y	RA-SPC-7416
O.F. Sherman House	667 Goodrich Ave.	28	23	2 SE-NE-SE	St. Paul West		Y	RA-SPC-7417
house	670 Goodrich Ave.	28	23	2 NE-SE-SE	St. Paul West		X	RA-SPC-7418
A.J. Cummings House	675 Goodrich Ave.	28	23	2 SE-NE-SE	St. Paul West		X	RA-SPC-7419
house	676-678 Goodrich Ave.	28	23	2 NE-SE-SE	St. Paul West		×	RA-SPC-7420
house	680-682 Goodrich Ave.	28	23	2 NW-SE-SE	St. Paul West		>	RA-SPC-7421
H.P. Bend House	683 Goodrich Ave.	28	23	2 SW-NE-SE	St. Paul West		X	RA-SPC-7422
Mrs. E.S. Greer House	691 Goodrich Ave.	28	23	2 SW-NW-SE	St. Paul West		¥	RA-SPC-7423
house	693 Goodrich Ave.	28	23	2 SW-NW-SE	St. Paul West		>	RA-SPC-7424
house	697 Goodrich Ave.	28	23	2 SW-NW-SE	St. Paul West		¥	RA-SPC-7426
W.E. Alair House	708 Goodrich Ave.	28	23	2 NW-SE-SE	St. Paul West		¥	RA-SPC-7427
house	710-712 Goodrich Ave.	28	23	2 NW-SE-SE	St. Paul West		X	RA-SPC-7428
T.W. Short House	715 Goodrich Ave.	28	23	2 SW-NW-SE	St. Paul West		X	RA-SPC-7429
house	716 Goodrich Ave.	28	23	2 NW-SE-SE	St. Paul West		Y	RA-SPC-7430
Frank Van Duyne House	719 Goodrich Ave.	28	23	2 SW-NE-SE	St. Paul West		¥	RA-SPC-7431
A.G. Galbraith House	720 Goodrich Ave.	28	23	2 NW-SE-SE	St. Paul West		>	RA-SPC-7432
house	728 Goodrich Ave.	28	23	2 NW-SE-SE	St. Paul West		>	RA-SPC-7433
house	730 Goodrich Ave.	28	23	2 NW-SE-NE	St. Paul West		>	RA-SPC-7434

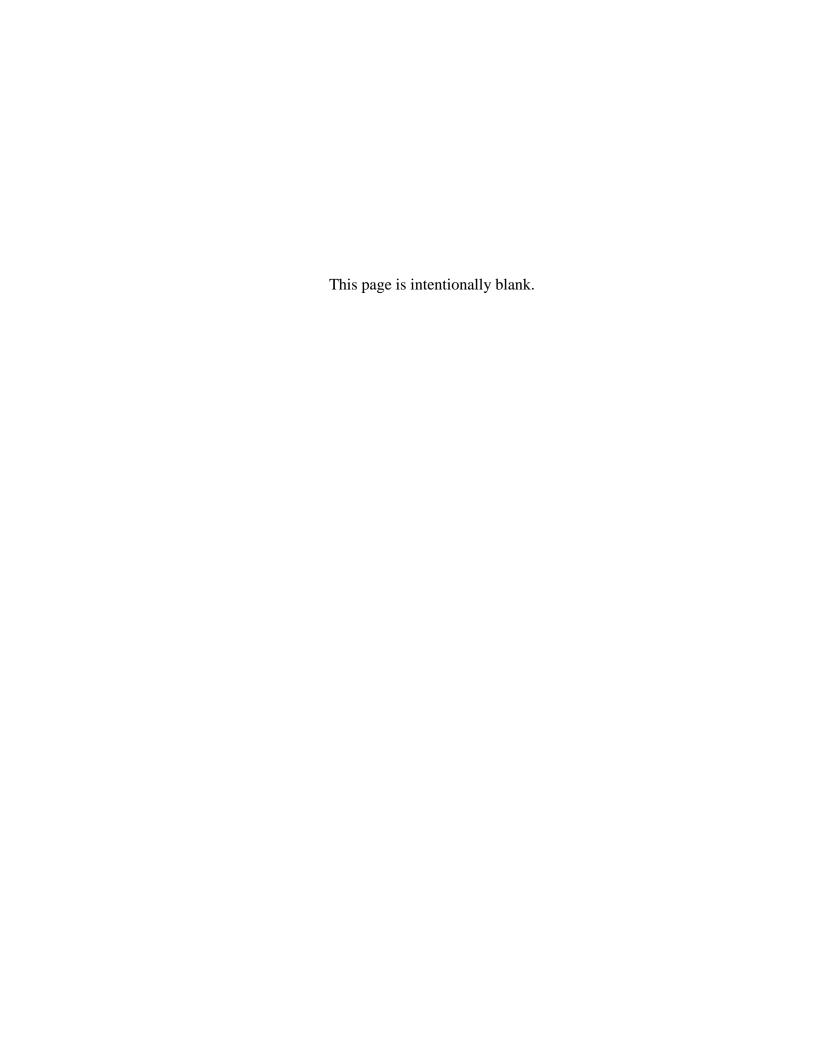
Thursday, September 29, 2016

PROPERTY NAME	ADDRESS	Twp R	Range Sec Quarters	s USGS	Report	NRHP CEF DOE	Inventory Number
COUNTY: Ramsey CITY/TOWNSHIP: St. Paul							
Rice/Geraghty House	735 Goodrich Ave.	28	23 2 SW-NE-SE	SE St. Paul West		>	RA-SPC-7435
R.R. Edwards House	737 Goodrich Ave.	28	23 2 SW-NE-SE	SE St. Paul West		×	RA-SPC-7436
house	742 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		¥	RA-SPC-7437
A.T. Koerner House	748 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		¥	RA-SPC-7438
C.M. Power House	751 Goodrich Ave.	28	23 2 SE-NW-SE	SE St. Paul West		*	RA-SPC-7440
house	756 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		>	RA-SPC-7441
house	764 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		⊁	RA-SPC-7442
house	768 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		*	RA-SPC-7443
house	773 Goodrich Ave.	28	23 2 SE-NW-SE	SE St. Paul West		>	RA-SPC-7444
house	780 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		*	RA-SPC-7445
A.A. Doolittle House	781 Goodrich Ave.	28	23 2 SE-NW-SE	SE St. Paul West		*	RA-SPC-7446
house	785 Goodrich Ave.	28	23 2 SE-NW-SE	SE St. Paul West		*	RA-SPC-7447
E.C. Murdock House	788 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		Y	RA-SPC-7448
house	792 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		X	RA-SPC-7449
house	793 Goodrich Ave.	28	23 2 SE-NW-SE	SE St. Paul West		¥	RA-SPC-7450
house	796 Goodrich Ave.	28	23 2 NE-SW-SE	SE St. Paul West		¥	RA-SPC-7451
Allan Black House	797 Goodrich Ave.	28	23 2 SE-NW-SE	SE St. Paul West		>	RA-SPC-7452
Oliver Crosby House	801-803 Goodrich Ave.	28	23 2 SW-NW-SE	-SE St. Paul West		>	RA-SPC-7453
C. L. Kluckholn House	804 Goodrich Ave.	28	23 2 NW-SW-SE	-SE St. Paul West		>	RA-SPC-7454
D.D. Smith House	812 Goodrich Ave.	28	23 2 NW-SW-SE	-SE St. Paul West		>	RA-SPC-7455
A.H. Hageland House	813 Goodrich Ave.	28	23 2 SW-NW-SE	-SE St. Paul West		Y	RA-SPC-7456
house	826 Goodrich Ave.	28	23 2 NW-SW-SE	-SE St. Paul West		>	RA-SPC-7457
Gen. C.C. Andrews House	833 Goodrich Ave.	28	23 2 SW-NW-SE	-SE St. Paul West		¥	RA-SPC-7459
house	834 Goodrich Ave.	28	23 2 NW-SW-SE	-SE St. Paul West		X	RA-SPC-7460
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PROPERTY NAME	ADDRESS	Twp Ra	Range Sec Quarters	nsgs	Report	NRHP CEF DOE	DOE Inventory Number
COUNTY: Ramsey							
CITY/TOWNSHIP: St. Paul							
house	838-840 Goodrich Ave.	28	23 2 NW-SW-SE	St. Paul West		Y	RA-SPC-7461
house	842-844 Goodrich Ave.	28	23 2 NW-SW-SE	St. Paul West		¥	RA-SPC-7462
J.M. Gruber House	851-853 Goodrich Ave.	28	23 2 SW-NW-SE	St. Paul West		Y	RA-SPC-7463
house	862 Goodrich Ave.	28	23 2 NE-SE-SW	St. Paul West		*	RA-SPC-7464
Mrs. Louisa Adams House	866 Goodrich Ave.	28	23 2 NE-SE-SW	St. Paul West		*	RA-SPC-7465
House	885 Goodrich Ave.	. 82	23 2 SW-SW			*	RA-SPC-7467
House	909 Goodrich Ave.	28	23 2 SW-SW			Y	RA-SPC-7476
Walker, Platt B., House	1046 W. Summit Ave.	28	23 2			Y	RA-SPC-7701
Dodson, H. S., House	1058 W. Summit Ave.	28	23 2			¥	RA-SPC-7702
house	1064 Summit Ave.	28	23 2			*	RA-SPC-7703
Arend, Estella	1068 Summit Ave.	28	23 2			X	RA-SPC-7704
house	1088 Summit Ave.	28	23 2			¥	RA-SPC-7705
house	1096 Summit Ave.	28	23 2			¥	RA-SPC-7706

Appendix E Historic Evaluation Technical Report

Linwood School EAW





LINWOOD SCHOOL, 1023 OSCEOLA AVENUE, SAINT PAUL: A TECHNICAL REPORT

PREPARED BY

RACHEL PETERSON AND CHARLENE ROISE
HESS, ROISE AND COMPANY
THE FOSTER HOUSE
100 NORTH FIRST STREET
MINNEAPOLIS, MINNESOTA

AUGUST 2016

Project Background

This technical report serves as a supplement to EAW question fourteen. U+B Architecture and Design retained Hess, Roise and Company to prepare both documents. In July 2016, Charlene Roise and Rachel Peterson of Hess Roise visited Linwood School to review the interior and exterior of the building, as well as its landscape, and evaluate how the proposed expansion and rehabilitation project will affect its character-defining features. Hess Roise also conducted research at the Minnesota Historical Society, the Ramsey County Historical Society, and the Saint Paul Public Library to understand the evolution and significance of Linwood.

Plans for the expansion of Linwood School began in response to the Facilities Master Plan (FMP) undertaken by Saint Paul Public Schools during 2014 and 2015 to address the needs of its seventy-two facilities. The FMP aims to bring each building up to modern standards and prevent inefficient short-term fixes by developing a long-term vision for each facility.

Linwood School is the lower campus for the Linwood Monroe Arts Plus arts magnet program, which offers classes in visual arts, drama, music, and dance in addition to the core curriculum. The Linwood campus houses kindergarten through third grade, and the upper campus at Monroe Middle School has grades four through eight, as well as Early Childhood Family Education and pre-k classes. The current facility at Linwood does not effectively serve its student body. The classrooms are too small and there are insufficient studios for the art, drama, and music classes. Additionally, the school lacks a dedicated cafeteria, gymnasium, or auditorium as all three functions are housed in the same space. Linwood is also a Developmental Cognitive Disability magnet school and impediments to accessibility throughout the building need to be addressed.

The EAW was required because the project proposes some demolition and new construction at Linwood, which is a contributing resource in the state Historic Hill District. Below is a detailed discussion of the school's history, including additions and alterations over time. The report discusses changes that have been made to the project plans in response to community feedback, and also examines the current plans' compliance with the Secretary of the Interior's Standards.

Property Description

Linwood School occupies nearly half of a city block in the Summit Hill neighborhood of Saint Paul. The building sits at the south end of the property, near the intersection of South Oxford Street and Osceola Avenue, facing Osceola to the south. A playground and small grass lawns are south of the building, but the majority of the recreational space is north of the school, including an open grass field bisected by a sidewalk. A small paved sport court is on the west side of this sidewalk just north of the building and a small, asymmetrical playground is in the northeast corner. A concrete retaining wall and chain-link fence run along portions of the north and west property lines.

Exterior

Linwood School has evolved over time and currently comprises the original 1922 classroom block, boiler room, and smokestack, as well as additions dating from 1924, 1966, 1995, and 2008.

The 1922 building has a largely rectangular plan and a flat roof. It stands three stories tall and has variegated red-brick walls with stone accents and Neoclassical details. A small, two-story wing projects from the south wall. Rows of tall twelve-over-one windows define the main south facade. All of the school's windows have been replaced within the past ten years, but the internal muntins reference the original pane arrangement and only slightly diminish the building's integrity.

The main entrance bay projects slightly from the face of the building. It has a trapezoidal parapet, which rises slightly above the roofline. The doorway has an elaborately carved stone surround. It holds two non-historic doors. A below-grade terrace is in front of the south facade's second entrance, located near the west end of the wall, and the door is at that elevation. The wood surround has carved motifs similar to the main entrance. It also holds a non-historic door. A pair of six-over-one windows flank the entrance. The five other window openings surrounding the doorway have been filled with solid boards. The easternmost bay of the south facade is recessed slightly and has two nine-over-one windows.

The east wall has a secondary entrance with a stone surround, which is the same as the main entrance. The second and third floors each have three eight-over-one windows.



Main entrance, looking south

Like the south facade, the north wall of the 1922 building has bands of replacement windows with multiple simulated divided lights in the upper sashes, and the east bay is slightly recessed. Two ventilation towers rise above the roofline on the north wall. The towers and the brick wall between them are painted white. A low, single-story boiler room extends from the north wall; most of the room's volume is below grade. The boiler room has a distinctly utilitarian character with a stone foundation and solid brick walls with no ornamentation. All window openings are filled with solid panels or louvers. A low concrete pad and a tall, cylindrical smokestack are east of the boiler room. The smokestack has a concrete base and brick shaft. It originally had a decorative flared top, which was removed sometime before 1990 and shortened the stack by an estimated 7 to 9 feet.

The 1924 addition extends from the west facade of the original building and is nearly indistinguishable from it on the south facade, standing three stories tall and featuring the same materials and details. The addition's west wall is entirely obscured by the 1995 addition. The first floor of its north facade is covered by the 1966 addition, with ribbons of twelve-over-one windows on the second and third floors.

The one-story 1966 addition is connected to the north wall of the original building, the east wall of the 1924 addition, and the west wall of the boiler room. It has a rectangular plan except for a small bump-out on the north wall, which holds a retractable partition on the interior. In contrast to the original building and 1924 addition, the 1966 addition has no windows or ornamental details. Rather, it aligns stylistically with the utilitarian boiler room and smokestack.



Boiler room and smokestack with 1922 building in background, looking southeast

A narrow addition holding a new stairwell and elevator was constructed in 1995 on the west wall of the 1924 addition. The 1995 addition is slightly recessed from the main facade and has two pairs of nine-over one windows. The west wall of the addition has an entrance on the first floor, and three nine-over-one windows on the second and third floors. It mirrors the easternmost bay of the 1922 building.

The most recent addition, constructed in 2008, extends from the north wall of the 1995 addition and the west wall of the 1966 addition. It stands one story tall and has an asymmetrical plan with an entrance facing northwest. Like the earlier segments of the school, the 2008 addition has brick walls and carries through several decorative brick elements seen on other sections.

Interior

The building's main corridors run east-west through the 1922, 1924, and 1995 sections with classrooms and offices on either side. They have recessed banks of lockers, a few of which are

used for storage, but many are damaged beyond repair. Each floor also has two water fountain alcoves, which are surrounded with glazed brick or painted representations of brick. The floors have bands of historic terrazzo on the sides and a center runner of non-historic vinyl. When the school was first built, the runner was made of mastic, chosen for its noise-reducing qualities. It has been replaced several times over the school's tenure. The first floor also has two small corridors running north-south which lead to the 1966 and 2008 additions.



Hallway with recessed lockers, terrazzo and vinyl floors, and plaster ceiling

A classroom on the first floor, west of the main entrance, was originally built as the kindergarten room and has a lower floor level than the rest of the classrooms. The ceiling is at the same elevation as those in the other first-floor classrooms, creating a greater volume. The room projects to the south, with banks of tall windows on the three walls. The north wall has four pairs of narrow, hinged windows looking out to the hallway. Their sills are even with the top of the hallway's terrazzo base. Stairs in the room's northwest corner descend from the hallway into the classroom. The west side of the space has a storage room and restroom, as well as an entryway for an exterior door in the south wall, which leads to the recessed terrace described above.

The remainder of the building's classrooms follow a more standard plan. The relatively small rooms have large windows on the exterior wall that run all the way to the ceiling and have glazed-brick sills. The concrete partition walls hold large corkboards, whiteboards, and built-in cabinets. The whiteboards and corkboards are replacements, but their trim, as well as the cabinetry, appear to be original. The floors are covered with non-historic carpet.

The gymnasium, located in the 1966 addition on the north side of the school, is a large, open space with concrete-block walls, vinyl floors, and exposed steel joists on the ceiling. A folding partition wall collapses into a small alcove in the center of the north wall. A stage dominates the south wall. It has a wood floor, some of which appears to



Kindergarten room on the first floor, looking northeast



Typical classroom with tall windows and built-in cabinets, looking east



Gymnasium and stage, looking southwest

have been replaced. Both wings have small storage areas with mezzanines. Two small sets of stairs lead to the stage: one runs north-south along the west side of the stage, and the other runs east-west in the southwest corner. Both stairs were installed during the 1980 renovation when the

original stage stairs were removed. The original accordion stage door was also removed at that time and replaced with the current panel door. The stage has wood cabinets underneath the proscenium where chairs are stored. There are also storage rooms on both sides of the stage. A storage room adjacent to the stage was removed in 1980.

South of the gymnasium is the school's kitchen. Its south wall is historic brick from the original 1922 building and the other walls are concrete block from the 1966 addition. The room has a dropped acoustic-tile ceiling and quarry-tile floor. It holds modern fixtures. The kitchen was installed sometime between the construction of the 1966 addition and the 1980 renovation. Neither the 1922 or 1924 sections included a kitchen because students either went home for lunch or brought their food to school, so there was no kitchen or cafeteria in the building.



Boiler room, looking northwest

The utility rooms and boiler room are in the basement. All are large, open spaces with exposed concrete structure. A coalstorage room is east of the boiler room. Three pairs of tall metal doors are between the two rooms. A narrow room with a dilapidated coal chute is south of the coal-storage room. A stairwell runs along the north wall of the boiler and coal-storage rooms and leads to the parking lot.

The school has four main sets of stairs and one elevator. There are three historic stairs: one in the center of the 1922

building, which runs between the basement and the mechanical penthouse on the roof, and two at the east end of the 1922 building. All three have concrete walls, concrete stairs with embedded metal grip strips, a pair of wall-mounted handrails, and a wood chair rail. A non-historic stairwell is on the south side of the 1995 addition. It has concrete-block walls and steel stairs with concrete treads. Metal-tube handrails are on either side of the stair. A non-historic elevator and vestibule are on the north side of the addition.

Property History

Growth of Summit Hill and Construction of Linwood School

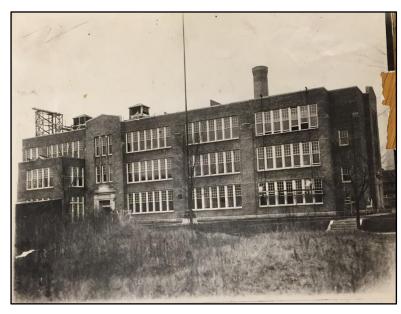
Development on Summit Hill began in the 1850s. At the time, most Saint Paul residents lived in the city center, but wealthy families were drawn by the views from the bluffs and began building on the hill. As downtown and Lowertown became more crowded and transportation improved, more people of varying incomes moved out of downtown. Unlike several other neighborhoods, which were constrained by existing construction or topography, development on Summit Hill could easily expand north and west. Summit Avenue became an icon of high-style architecture,

but the blocks to the north and south contained modest homes for middle-class families, who sent their children to the Irving and Randolph Heights schools.¹

As the neighborhood grew in the late ninetieth and early twentieth centuries, the existing schools felt the strain. Between 1915 and 1922, the number of students in kindergarten through eighth grade enrolled in Saint Paul Public Schools (SPPS) jumped 21 percent, requiring each of the system's forty-one schools to accommodate an average of 669 children. In response, Saint Paul constructed five new elementary schools between 1911 and 1916, but this did not completely solve the problem.²

In 1919, SPPS began buying land for another major construction campaign. A couple of years later, it broke ground for three new elementary schools—Jefferson, Farnsworth, and Linwood—in a concerted effort to address overcrowding. Linwood School was constructed at the northeast corner of the intersection of South Oxford Street and Osceola Avenue in the heart of the Summit Hill neighborhood.³

City architect Charles Hausler designed the new Jefferson, Farnsworth, and Linwood elementary schools on the same basic plan. The rectangular



Linwood School near the end of its construction in November 1922 (Minnesota Historical Society)

buildings stood three stories tall and had variegated red-brick walls, Neoclassical detailing, and large ribbons of windows. Jefferson represented the full execution of the design while Linwood and Farnsworth were only partially implemented. Linwood, however, was built to easily accommodate additions, which turned out to be a prescient decision.⁴

As Saint Paul's new elementary schools neared completion, the *Pioneer Press* ran an article detailing the facilities. It stated that Linwood held eleven classrooms, a library, a nurse's office, a principal's office, a milk room, an anteroom, a training shop, and a kitchen. The article further described the interior of the school as finished "in natural birch, with maple floors in the classrooms." Several interior finishes were specifically chosen to withstand heavy traffic from young students and provide the best learning environment. The corridors had durable terrazzo

¹ Charles W. Nelson and Susan Zeik, "Historic Hill District," National Register Nomination Form, 1976, available at the State Historic Preservation Office, Minnesota Historical Society, Saint Paul.

² "Enrollment Statistics, 1914-1954," in Saint Paul Public Schools: Miscellaneous Records, available at the Minnesota Historical Society, Saint Paul.

³ "Pupils May Enter by Next Term End," *Pioneer Press*, November 19, 1922.

⁴ Ibid.

panels along their sides and a center runner of mastic, which was "practically noiseless." The lower four feet of the walls were clad in a painted dado intended to "save the walls from the imprint of young hands." Each classroom held large blackboards, corkboards, and built-in storage cabinets to aid organization and instruction.⁵

Once open, Linwood accepted students from the overcrowded Irving School, as well as Randolph Heights, Webster, and Hill Schools. ⁶

Additions and Renovations

Continued growth in the Summit Hill neighborhood required more space at Linwood. In 1924, a three-story addition was constructed on the west side of the original building. The first and second floors each held two new classrooms. The third floor held a gymnasium, which the original building lacked. Both the interior and exterior of the addition were designed to blend seamlessly with the original building, and the 1924 section is virtually indistinguishable as an addition.7

Enrollment at Linwood, and throughout SPPS, began to drop in the late 1920s and 1930s. When the 1924 addition opened, 578 students attended the school. By 1928, that



Linwood School in 1935; the 1924 addition is behind the twostory wing on the left side of the image (Minnesota Historical Society)

number declined to 537 before falling to 474 in 1936. The smaller student body easily fit in the school and no major modifications were made for three decades.⁸

In 1966, a one-story gymnasium was built on the north side of the building. The school board approved its construction in an emergency meeting in May 1966. The Kraus-Weber Study of 1953, the President's Council on Physical Fitness, and the subsequent physical education movement likely prompted the push for a larger indoor recreation space at Linwood. In contrast to the 1922 and 1924 segments, the 1966 addition had solid brick walls and no architectural

⁵ Ibid.

⁶ Ibid.

⁷ Permit No. 7294 (March 11, 1924), available at the Ramsey County Historical Society, Saint Paul; "Report on School Building Floor Plans," 1938, available at the Minnesota Historical Society, Saint Paul.

⁸ "Linwood Park School," in Saint Paul Public Schools, Miscellaneous School Material: Linwood Park School, History 1951, available at the Minnesota Historical Society, Saint Paul.

detailing. Its design conformed with the utilitarian character of the north side. The original gym on the third floor of the 1924 addition was turned into two classrooms.⁹

In 1979, Linwood closed as a public elementary school. Its students moved to Randolph Heights Elementary, one of the schools that sent students to Linwood when it first opened. The Open School, the district's first magnet program, moved into Linwood in 1980 and remodeled the building for its use. The renovation project included installing new partition walls in the classroom east of the main entrance to create offices. It also entailed modifications to the stage storage room and to the kitchen. Finally, three doorways along the main corridors were filled and one new doorway was installed.¹⁰

Sometime prior to 1990, the decorative flared cap on the smokestack was removed. This alteration shortened the stack by approximately 7 to 9 feet. After the cap was removed, a metal band was installed around the new top of the smokestack for reinforcement.¹¹

When Linwood was constructed, there were no standards requiring the school be accessible for people with disabilities. As a result, there were several floor-level changes throughout the building and no elevator to move students between floors. Congress passed the Americans with Disabilities Act in 1990, which required public buildings like schools be accessible for people with physical and cognitive disabilities. In response to this legislation, Linwood built an addition in 1995 to hold a new stairwell and elevator. The addition was attached to the west side of the 1924 addition and was set back from the main south facade. It was constructed using the same type of red brick as the historic block and the same detailing. Also in 1995, the Open School moved out and Linwood became the home of the Linwood Arts Plus school, a new art magnet program under the SPPS umbrella.¹²

In 2005, Linwood's second major interior renovation took place. It focused on the office space east of the main entrance on the first floor. The partition walls installed in 1980 were removed and a new set of partitions with large windows were installed. Additionally, windows were installed in the west and north walls looking out onto the hallway and main entrance. Finally, the office at the east end of the suite were removed and the space was returned to classroom use.¹³

In 2008, Linwood Arts Plus joined with the nearby Monroe School to form Linwood Monroe Arts Plus. The new joint school divided its grade levels between the two campuses. Kindergarten through third grade were held at Linwood, and pre-k and fourth through eighth grades were at

⁹ Corwin, Seppanen and Associates, "Linwood School," architectural drawings, 1966, available from U+B Architecture and Design, Minneapolis; Angela Lumpkin, "The History of Elementary School Physical Education (1950-1985)," accessed July 26, 2016, http://files.eric.ed.gov/fulltext/ED261984.pdf.

¹⁰ An Inventory of Saint Paul Public School Facilities from the Past to the Present (Saint Paul: Saint Paul Public Schools, 1994), 113-113A; Pope Associates, "Remodeling of Open School, 1023 Osceola Saint Paul for Independent School District 625," architectural drawings, 1980, available from U+B Architecture and Design, Minneapolis.

¹¹ An Inventory of Saint Paul Public School Facilities from the Part to the Present, 114.

¹² Adkins Association, Inc., "Stair and Elevator Addition, Linwood A+ Program," architectural drawings, 1995, available from U+B Architecture and Design, Inc., Minneapolis; "Americans with Disabilities Act of 1990," accessed July 26, 2016, https://www.eeoc.gov/eeoc/history/35th/1990s/ada.html.

¹³ McGuire Courteau Lucke Architecture and Design, "Linwood A+," architectural drawings, 2005, available from U+B Architecture and Design, Minneapolis.

Monroe. After joining with Monroe, Linwood constructed a one-story addition at the northwest corner of the building. The addition held a classroom for the kindergarten class. Since 2008, Linwood School has received no major alterations.¹⁴

Alterations to the Landscape

The landscape surrounding the school has undergone several changes since the building's initial construction. A 1923 aerial photograph appears to show a dirt field north of the school and a lower concrete terrace by the kindergarten room. Aerial photographs taken over the next four decades show a similar arrangement. In 1966, the gymnasium addition took up a portion of the historically open space north of the school. Unfortunately, no detailed photographs of the site are available from the 1970s and 1980s, but a 1991 aerial shows that the north side of the lot was entirely paved. In 1999, a section of asphalt at the northwest corner of the lot was removed and a new asymmetrical playground was installed in its place. Between 1999 and 2002, a small temporary classroom building was constructed north of the boiler room and new sidewalks were installed west of the 1995 addition. This arrangement continued through 2006 when new sidewalks were installed west of the school, connecting the west entrance to the playground.

The most dramatic change to the school's landscape came in 2011. That year, nearly all the asphalt was removed from the north side of the lot and replaced with grass fields. A new angled sidewalk was installed running from Fairmount Avenue to the 1966 addition. The pavement was retained west of the new sidewalk, an area now used as a sport court. The final change during this renovation was the demolition of the outbuilding. The most recent alteration to Linwood's landscape was the installation of a new playground in the southwest corner of the lot, which occurred in 2016.15



Current view of landscape north of school; looking northwest

Evolution of the Proposed Design

U+B Architecture and Design have held public meetings to gather feedback from the community on the proposed expansion project. After reviewing the initial design, neighborhood representatives requested several changes including preserving as much open space as possible, removing a proposed curb cut and parking lot on the north side of the property, and reducing the addition's lot coverage and height.

¹⁴ "History of Linwood Monroe Arts Plus," accessed July 21, 2016, http://lmap.spps.org/domain/1993.

¹⁵ Photos Nos. 3-5, WK-5-361, A-1-038, and WN-5M-4, available from John R. Borchert Map Library, University of Minnesota, Minneapolis.

In response to these comments, the project plans have undergone two rounds of major revisions. The addition proposed in the first set of drawings called for a 54.4 percent increase in the overall building footprint, and extended the parking and loading zone north to an area that is now a grass lawn. This design reduced the total play area by 56.2 percent. To address the neighborhood's strong objections to these elements, the architects reduced the addition's footprint by pulling back the north wall 15 feet and the east wall almost 3 feet. The loading and parking area was also redesigned in a more compact configuration that only slightly encroached on the lawn and utilized the existing access points. To accommodate the needs that this project is intended to address, however, these changes required removing the boiler room and smokestack. The demolition will minimize the loss of open space by allowing a safer loading zone and parking lot to be constructed within the building's current footprint. The revised design also rearranged the existing playground, playfield, and sport court north of the school—which are irregularly shaped and do not effectively utilize the space—to use the landscape more efficiently.

In consultation with Hess Roise, U+B Architecture has made further alterations to the exterior design to make the addition compatible with, but different from, the historic building. The latest design deemphasizes the addition's northwest corner and north entrance to preserve the prominence of the primary historic facade on the building's south side. The addition incorporates





Renderings of the proposed addition viewed from the southwest (top) and northwest (bottom)

metal cladding to distinguish the addition and make it visually lighter in comparison to the historic block. The design also includes bands of large windows set within vertical recesses, a modern interpretation of the bands of large windows that establish the fenestration pattern of the 1922 and 1924 sections. While the windows emphasize the horizontal dimension, both the historic and proposed facades are accented by vertical elements that add architectural interest. The original building and proposed addition use typical materials of their times that are of comparable quality and character.

Compliance with Secretary of the Interior's Standards

The Secretary of the Interior's Standards for the Treatment of Historic Properties provide four approaches to maintaining historic properties:

- Preservation: essentially keeping a property in good repair with minimal modification
- Rehabilitation: sensitively adapting a property to meet new needs
- Restoration: returning a property to its appearance at a specific period in time
- Reconstruction: recreating a property that is no longer extant for interpretation.

The National Park Service, under the direction of the Secretary of the Interior, has established standards and guidelines for each treatment that address historic buildings, their surrounding landscapes, and any associated new construction. They are the industry's measure for assessing the appropriateness of work that affects historic properties. For the Linwood School project, the Rehabilitation Standards seem the most appropriate.

Standard 1 states that whenever possible, properties should be used for their historic purposes or placed in a new use that requires minimal change. As Linwood School will continued to be used as an elementary school, the proposed project meets this standard.

Standard 2 requires the retention and preservation of the property's historic character. It also specifies that projects should avoid removing or altering historic materials or features. The proposed project does require the demolition of some original features, namely the smokestack and boiler room. The boiler room is larger than needed for modern mechanical systems and is an inefficient use of space. The smokestack cannot be retrofitted to be used with a new mechanical system. Its demolition will allow for improvements to the loading area without having to extend the parking lot into the grass playfield to the north; the neighborhood strongly opposes any loss of the grass area., and its location impedes efficient and safe loading for food service and supplies.

The smokestack will no longer have a utilitarian function, so its main purpose in the future would be visual. Tall, vertical features like the smokestack often become familiar markers for the neighborhood. At Linwood, the two ventilation towers on the 1922 section are also strong vertical elements that will be preserved and will continue to communicate the property's mechanical history, diminishing the impact of the smokestack's loss. While the boiler room and smokestack are character-defining features, their demolition will have a limited impact on the integrity of the school; Linwood still maintains good historic integrity without them. Their removal will help the property continue to serve its historic function while meeting twenty-first-century operational needs. As a result, this action seems justified under the Rehabilitation Standards.

The same is true for the proposed alterations to convert the kindergarten room into office space. Raising the grade of the floor to the level of the first-floor corridor and dropping the ceiling to conceal mechanical equipment will change the character of the room, but the exterior windows, the exterior door (although no longer functional), and two pairs of the tall interior windows into the corridor will be retained, and the other two interior window openings will be repurposed into doorways. These changes are reversible (see Standard 9). Finally, a portion of the north classroom in the 1924 addition will be converted on each level to corridors connecting the

historic building to the new addition. The remainder of the space will be used as a student lounge. This minor modification is critical for the function of the school and will not impair the historic integrity of the school.

Standards 3 and 9 relate to new construction, and mandate that additions to historic properties not create a false sense of history. Rephrased, additions should be different from but compatible with the historic building. The proposed addition to Linwood School will complement, but not replicate, the original building's design. The addition will match the height of the historic building and will not overpower it. The southernmost section of the proposed addition is only one story tall to reduce its visual impact on the viewshed of the primary facade and moderate its massing in comparison to the historic building. The addition will be clad in a combination of masonry similar to the historic building and contrasting metal panels, which will differentiate the addition from earlier sections. The metal panels also visually lighten the proposed addition, helping it be subservient to the historic block. Where the proposed addition joins the 1995 section, a slightly recessed, darker metal panel will delineate the joint between new and existing construction. Moreover, the addition will be connected to non-contributing additions or secondary walls of contributing additions and will not obscure, damage, or destroy characterdefining features. The addition's fenestration pattern will be a modern interpretation of the historic building, using ribbons of windows with a strong vertical element and mirroring the proportion of the historic window bays.

Standard 4 notes that alterations to historic buildings may acquire their own significance over time and should be retained when appropriate. Per the SHPO's guidance on assessing properties within the state Historic Hill District, any alterations made prior to the designation in 1974 are considered contributing to the resource. At Linwood, this includes the 1924 and 1966 additions, which will both be retained. The 2008 addition, slated for demolition, has not attained significance and its removal will not impact the integrity of the property.

Distinctive features, finishes, and examples of craftsmanship should also be preserved per **Standard 5**. The original masonry and architectural details on the historic 1922, 1924, and 1966 sections will be maintained. The pair of ventilation towers will also be retained. On the interior, the terrazzo floors, concrete structure, and glazed brick will be preserved. Select banks of lockers may be removed. Their recesses will be filled with display cases, maintaining the visual pattern of the corridor. The original plaster ceiling in the corridors will be removed to enable replacement of HVAC and other mechanical equipment, and an acoustic-tile ceiling will be installed at the same elevation. Replacing obsolete mechanical equipment is essential for the building's ongoing educational function. The acoustic-tile ceiling will improve access to mechanical equipment for the inevitable repair work and upgrades that are anticipated in the coming years.

According to **Standard 7**, cleaning and other treatments that damage historic materials should be avoided. The project proposes no treatments that will harm historic materials.

Standard 8 requires that all significant archaeological resources are maintained and preserved. No such resources have been identified within the project area.

Standard 10 dictates that any new additions or adjacent construction should be able to be removed without damaging the historic property. The proposed addition requires a cut through the north wall of the 1924 addition to allow for a corridor between the historic building and new addition. This will be the only connection to the historic building. The proposed addition will also connect to the 1995 section, which is not considered historic. Should the proposed addition be removed, the connection points could easily be repaired and the historic structure returned to its pre-project form.

Impacts on the Historic District

The proposed project does not have the potential to adversely effect the overall integrity of the state Historic Hill District. Linwood School is the only property directly impacted by this project. As described above, most of the proposed modifications conform to the Rehabilitation Standards and the project overall will not adversely affect the character of the historic building.

The proposed new construction has the potential to indirectly impact the setting of the surrounding properties in the historic district. Existing construction and vegetation limit the reach of these impacts to immediately adjacent properties. The proposed addition will attach to Linwood's north and west walls and match the height of the existing building. The historic building will prevent the addition from having a substantial visual impact on the buildings to the southeast. The potential for effect is greatest to the north and west. Lines of mature trees on Fairmount Avenue north of the school will lessen impact on those properties, but there is no screen to mitigate the impact on the properties west of the school across South Oxford Avenue. While there is the potential for a visual impact on the setting of these properties, it would be minor. The design of the proposed addition is compatible with the character of the school and district, which will minimize its effect.

The Historic Hill District encompasses a large portion of the Summit Hill neighborhood. This project will have an impact, directly or indirectly, on only a handful of the hundreds of properties within the district and that effect will be minimal. Therefore, this project should cause no cumulative effect on the integrity of the historic district.

Conclusion

Linwood School is a contributing resource in the state Historic Hill District. The property has evolved over time through the construction of four additions, the completion of two interior remodeling projects, and additional changes to the landscape. These alterations have not adversely affect the school's integrity and it continues to contribute to the character of the district.

The current project proposes the demolition of three sections of the school, the construction of a new addition, interior renovations, and alterations to the landscape. All proposed work complies with the *Secretary of the Interior's Standards for Rehabilitation* and does not constitute an adverse effect. No other properties within the historic district will be directly affected by this project. The potential indirect effects are minor and limited to immediately adjacent properties. There is little potential for this project to diminish the integrity of the historic district as a whole.

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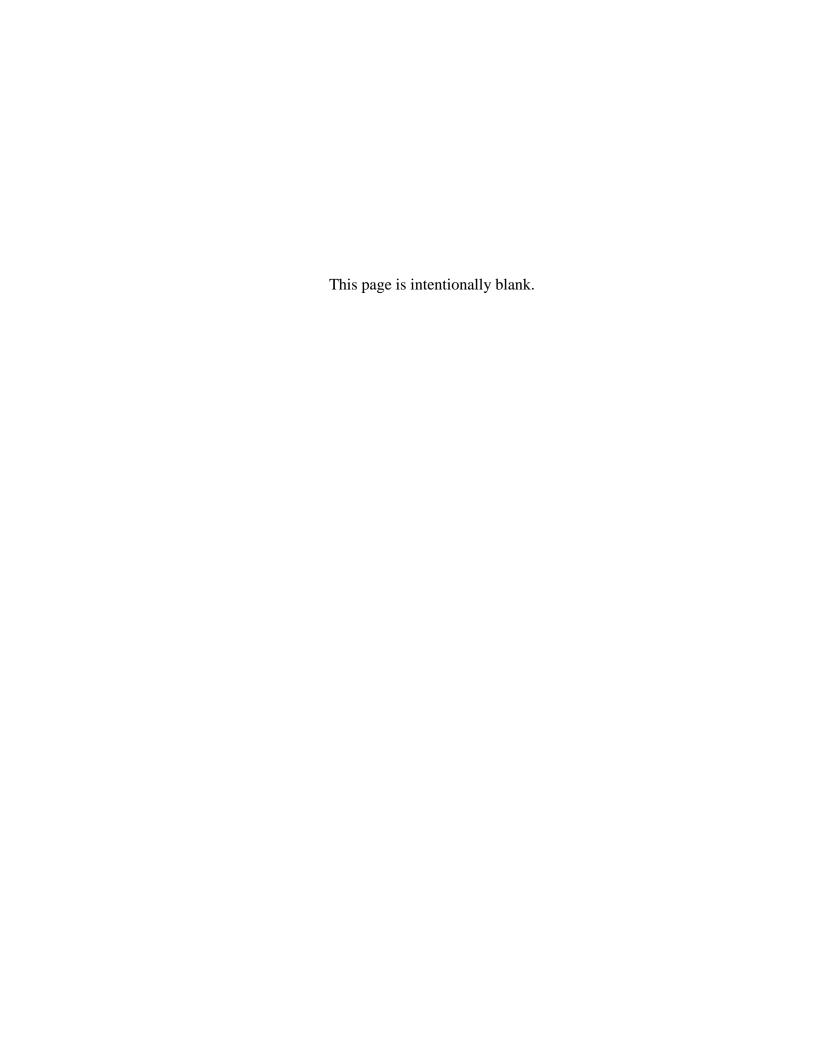
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Appendix F Traffic Counts in the Vicinity of Linwood School

Linwood School EAW



Traffic Counts in Vicinity of Linwood School

