

**Merrimack School District/SAU 26**  
**School Board Special Meeting**  
**Preliminary Agenda**  
**January 11, 2022**  
**Merrimack Town Hall – Matthew Thornton Room**

Send public comments to: [publiccomment@sau26.org](mailto:publiccomment@sau26.org). Comments must be received between the start of the meeting on January 11, 2022 at 7:00 p.m. and Agenda Item #5. Based on the volume of public comments received, the board chair will determine if all public comments can be read. If not, they will be incorporated into the meeting minutes.

**6:00 P.M. – NON-PUBLIC SESSION RSA 91-A:3, II (a) (b) (c) – Training Classroom**

- Staff Welfare

**7:00 P.M. - PUBLIC MEETING**

**1. CALL TO ORDER and PLEDGE OF ALLEGIANCE**

**2. PUBLIC PARTICIPATION**

**3. NEW BUSINESS**

- |   |                 |
|---|-----------------|
| 1. Health and Safety Task Force Update  | Everett Olsen   |
| 2. Warrant Article Discussion   | Cinda Guagliumi |
| 3. Capital Improvement Plan Discussion  | Matt Shevenell  |
| 4. 2022-2023 Budget Adjustments   | Cinda Guagliumi |
| 5. Approval of 2022-2023 School District Budget                               | Cinda Guagliumi |
| 6. Request for Board Authority to Correspond to Gary Daniels Regarding HB 478 | Cinda Guagliumi |
| 7. Other  |                 |

**4. CONSENT AGENDA**

- Educator and Administrator Nominations
- Kimberly Yarlott

**5. PUBLIC COMMENTS ON AGENDA ITEMS**

**6. ADJOURN**

**MERRIMACK SCHOOL DISTRICT**  
School Administrative Unit #26  
36 McElwain Street  
Merrimack, New Hampshire 03054  
Tel. (603) 424-6200 Fax (603) 424-6229

**KIMBERLY YARLOTT**  
*Assistant Superintendent for Curriculum*

**EVERETT V. OLSEN, Jr.**  
Interim Chief Educational Officer

**MATTHEW D. SHEVENELL**  
*Assistant Superintendent for Business*

**To:** Cinda Guagliumi  
Laurie Rothhaus  
Shannon Barnes

Jenna Hardy  
Lori Peters  
Kaitlyn Vadney

**From:** Everett V. Olsen, Jr.

**Date:** January 7, 2022



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**Subject: Revised NH Department of Health and Human Services Guidance**

On Wednesday, the New Hampshire Division of Health and Human Services released new COVID-19 isolation and quarantine guidance. This guidance is consistent with the latest isolation and quarantine guidance from the CDC. I have included several pages from this week's NH DHHS call with school systems across the state.

On Monday, January 10<sup>th</sup>, the school district's Health and Safety Task Force will meet to review and discuss this new guidance. I will convey any decisions/recommendations of the Task Force to you for the purpose of discussion in public session on Tuesday evening. The periodic changes to guidance continue to present a challenge to school systems and communities.

# CDC's Updated Guidance on Isolation

- Anybody who tests positive for COVID-19 or who has symptoms of COVID-19 (while awaiting testing) should isolate

# CDC's Updated Guidance on Isolation

- To shorten the duration of isolation to 5 days, all the following recommendations should be followed:
  - Stay home and away from others (including people in your household) for at least 5 days
  - To end isolation after 5 days, the person needs to be fever-free (off fever-reducing medications) with other symptoms improving for at least 24 hours
  - Wear a well-fitting face mask for 10 days after the start of isolation (including days 6-10 after ending isolation)
  - Avoid people who are immunocompromised or at high-risk for severe disease until at least 10 days have passed
  - Avoid travel until 10 days have passed from the start of isolation

# CDC's Updated Guidance on Quarantine

- CDC recommends that people who are unvaccinated or who have NOT received all recommended COVID-19 vaccine doses for their age (including booster doses when eligible) should quarantine after a close-contact exposure to someone with COVID-19

# CDC's Updated Guidance on Quarantine

- To shorten the duration of quarantine to 5 days, all the following recommendations should be followed:
  - Stay home for at least 5 days after the last exposure
  - Watch for symptoms for COVID-19 for 10 days (get tested if symptoms)
  - Even if no symptoms develop, get tested 5 days after the exposure
  - Wear a well-fitting face mask for 10 days after the exposure when around other people (including days 6-10 after ending quarantine)
  - Avoid people who are immunocompromised or at high-risk for severe disease until at least 10 days have passed from exposure
  - Avoid travel until 10 days have passed from the exposure

# THIS IS AN OFFICIAL NH DHHS HEALTH ALERT

Distributed by the NH Health Alert Network  
[DHHS.Health.Alert@dhhs.nh.gov](mailto:DHHS.Health.Alert@dhhs.nh.gov)  
January 6, 2022 Time 1500 (3:00 PM EDT)  
NH-HAN 20220106



## COVID-19 Pandemic, Update # 53 *Updated Isolation and Quarantine Guidance*

### Key Points and Recommendations:

- NH is adapting CDC's updated [Quarantine and Isolation](#) recommendations as outlined below:
  - This guidance applies to the general public, including businesses and K-12 schools. This guidance does NOT apply to healthcare organizations, correctional institutions, or homeless shelters.
  - See the Tables below for a summary of changes to the isolation and quarantine guidance.
  - Review CDC's rationale and FAQs for [why CDC shortened isolation and quarantine for the general population](#).
  - Isolation: Everyone, regardless of vaccination status or symptoms, should isolate for at least 5 days if they test positive for COVID-19 (or have [symptoms of COVID-19](#) while awaiting testing), and then wear a [well-fitting face mask](#) for an additional 5 days when around other people at home or in public locations.
    - If a person continues to have fever or other symptoms that are not improving after 5 days of isolation, that person should continue to isolate until they are fever free (off fever-reducing medications) and other symptoms are improving for at least 24 hours.
    - Testing is not required to come off isolation early, but testing around day 5 can be considered by individuals and implemented by organizations, if desired.
    - People who cannot or will not wear a face mask when in public locations should isolate for a full 10 days.
    - People who are severely ill with COVID-19 (e.g., hospitalized) or who are severely immunocompromised should isolate for a longer period of time – CDC recommends at least 10 days of isolation, possibly longer, depending on the person's situation.
  - Quarantine: According to the CDC, persons who are unvaccinated or who are not "up to date" on receiving all recommended COVID-19 vaccine doses (including booster shots) should quarantine for at least 5 days and then wear a [well-fitting face mask](#) for an additional 5 days when around other people at home or in public locations after exposure to someone with COVID-19.
    - In contrast with CDC's guidance, NH DPHS recommends quarantine only for household contact exposures who are not within 90 days of testing positive for COVID-19.
    - "Household contact" (HHC) is defined as any person who lives or sleeps in the same indoor shared space as another person diagnosed with COVID-19 (either a temporary or permanent living arrangement) leading to exposure to a person with COVID-19.
    - HHCs who cannot or will not wear a face mask when in public locations should quarantine for 10 days.
    - Everyone with an exposure to COVID-19, whether a HHC or not, should seek COVID-19 viral testing around day 5 after an exposure, even if a person is asymptomatic. PCR-based tests continue to be the most accurate, but antigen tests are also appropriate if PCR testing is not available.

– Anyone who develops [symptoms of COVID-19](#) should isolate and get tested.

- Healthcare facilities (including long term care/skilled nursing facilities) should refer to CDC's updated [Interim Guidance for Managing Healthcare Personnel with SARS-CoV-2 Infection or Exposure](#) and [Strategies to Mitigate Healthcare Personnel Staffing Shortages](#) for guidance on isolation and quarantine of healthcare workers with an occupational COVID-19 exposure. Decisions on exclusion and testing of healthcare workers exposed in home or community settings should be based on an individual risk assessment of the situation and healthcare facility workforce capacity.

### Tables: Summary of [Isolation](#) and [Quarantine](#) Guidance

Persons who should isolate	Recommended Action
<p>Any person who tests positive for COVID-19 or who has <a href="#">symptoms of COVID-19</a> while awaiting testing – regardless of vaccination status, previous infection, or lack of symptoms.</p> <p>(Note: CDC recommends longer periods of isolation for people who are severely ill with COVID-19 and require hospitalization or intensive care unit support, or for people with severely compromised immune systems.)</p>	<ul style="list-style-type: none"> <li>Stay home and away from others (including people in your household) for at least 5 days.</li> <li>Isolation can end after day 5 if you are fever-free (off fever-reducing medications) for at least 24 hours and other symptoms are improving.</li> <li>If fever has been present in the prior 24 hours, or if other symptoms are not improving, then you should continue to isolate until fever free and symptoms are improving for at least 24 hours, or until after 10 days of isolation.</li> <li>For 10 days: <ul style="list-style-type: none"> <li>Wear a <a href="#">well-fitting</a> medical face mask when around other people.</li> <li>Avoid people who are immunocompromised or at high-risk for severe disease.</li> <li>Avoid travel, if possible.</li> </ul> </li> </ul> <p>Note: per CDC guidance, you can take an antigen test on day 5 before ending isolation and, if positive, you should continue to isolate for a total of 10 days. Individuals and businesses/organizations can consider but do not have to adopt this testing strategy.</p>

Persons who should quarantine after being exposed to someone with COVID-19	Recommended Action
<p>Household contacts who are either:</p> <ul style="list-style-type: none"> <li>Unvaccinated; OR</li> <li>Not “up to date” on receiving all recommended COVID-19 vaccine doses (including booster doses)</li> </ul>	<ul style="list-style-type: none"> <li>Stay home and away from others for 5 days after the last exposure.</li> <li>Watch for symptoms for COVID-19 for 10 days after the last exposure, and get tested if symptoms develop.</li> <li>Get tested at least 5 days after the exposure, even if no symptoms develop. If positive, move to isolation.</li> <li>For 10 days: <ul style="list-style-type: none"> <li>Wear a <a href="#">well-fitting</a> medical face mask when around other people.</li> <li>Avoid people who are immunocompromised or at high-risk for severe disease.</li> <li>Avoid travel, if possible.</li> </ul> </li> </ul>

Persons who do NOT need to quarantine after being exposed to someone with COVID-19	Recommended Action
<ul style="list-style-type: none"><li>• Lower risk exposures in the community setting (e.g., non-household contacts)</li><li>• Household contacts who are “up to date” on receiving all recommended COVID-19 vaccine doses</li><li>• Unvaccinated household contacts who are within 90 days of testing positive for COVID-19 by antigen or PCR-based testing</li></ul>	<ul style="list-style-type: none"><li>• Wear a well-fitting face mask around other people for 10 days, especially in indoor settings.</li><li>• If symptoms develop, stay home and get tested for COVID-19.</li><li>• Get tested for COVID-19 on day 5, even if you don’t have symptoms.</li><li>• If testing is positive, follow isolation recommendations above.</li></ul>

### Definitions:

Isolation: For people who are sick or who have tested positive for the COVID-19 virus.

Quarantine: For people who have been exposed to the COVID-19 virus and are at risk for developing infection.

Household contact: Any person who lives or sleeps in the same indoor shared space as another person diagnosed with COVID-19 (either a temporary or permanent living arrangement) leading to exposure to the person with COVID-19.

“Up to date” on COVID-19 vaccination: A person is “up to date” on COVID-19 vaccination when they have completed a primary COVID-19 vaccine series (the single-dose J&J Janssen vaccine, or a 2-dose series of the Pfizer-BioNTech or Moderna vaccine) AND any booster shots which they are eligible for and recommended to receive. CDC has information about [staying up to date on COVID-19 vaccination](#) and who should get a booster shot.

Unvaccinated: Any person who has NOT completed a primary COVID-19 vaccine series.

- For any questions regarding this notification, please call the NH DHHS, DPHS, Bureau of Infectious Disease Control at (603) 271-4496 during business hours (8:00 a.m. – 4:30 p.m.).
- If you are calling after hours or on the weekend, please call the New Hampshire Hospital switchboard at (603) 271-5300 and request the Public Health Professional on-call.
- To change your contact information in the NH Health Alert Network, please send an email to [DHHS.Health.Alert@dhhs.nh.gov](mailto:DHHS.Health.Alert@dhhs.nh.gov).

Status: Actual  
Message Type: Alert  
Severity: Moderate  
Sensitivity: Not Sensitive  
Message Identifier: NH-HAN 20220106 Update 53  
Delivery Time: 12 hours  
Acknowledgement: No  
Distribution Method: Email, Fax  
Distributed to: Physicians, Physician Assistants, Practice Managers, Infection Control Practitioners, Infectious Disease Specialists, Community Health Centers, Hospitals, Hospital CEOs, Hospital Emergency Departments, EMS, Nurses, NHHA, Pharmacists, Laboratory Response Network, Manchester Health Department, Nashua Health Department, Public Health Networks, DHHS Outbreak Team, DPHS Investigation Team, DPHS Management Team, Northeast State Epidemiologists, Zoonotic Alert Team, Health Officers, Deputy Health Officers, MRC, NH Schools, EWIDS, Dialysis & Transplant Clinics, STD Clinics, Immunization Practices, Travel Centers, Influenza Sentinels, Urgent Care Centers, Ambulatory Surgical Centers, Walk-in Clinics, Poison Center, Alcohol and Other Drug Treatment Centers, Long-Term Care Facilities, Community Mental Health Centers, Health Departments, Internal Medicine, Occupational Health, Gastroenterology, Schools and Daycare Providers, Regional Public Health Networks, Environmental Services, Family Planning Programs, Department of Corrections, Home Care Providers, Local and State Partners, Area Agencies

From: Benjamin P. Chan, MD, MPH; State Epidemiologist  
Originating Agency: NH Department of Health and Human Services, Division of Public Health Services

# **Merrimack School District School District Warrant**

March 8, 2022 (Deliberation)  
and April 12, 2022 (Voting)  
**STATE OF NEW HAMPSHIRE**

To the inhabitants of the School District in the Town of Merrimack, County of Hillsborough, New Hampshire, qualified to vote in School District affairs:

You are hereby notified to meet at the James Mastricola Upper Elementary School in said District on Tuesday, March 8, 2022, at 7:00 p.m. for Session 1 (Deliberation), to discuss the matters to be voted on by official ballot; and to meet at the designated polling sites, James Mastricola Upper Elementary School, Merrimack Middle School, or St. John Neumann Church on Tuesday, April 12, 2022, Session 2 (Voting) for the choice of School District officers elected by ballot and any other action required to be inserted on said official ballot. The polls for the election of school district officers and other action required to be inserted on said ballot will open on said date at 7:00 a.m. and will not close earlier than 7:00 p.m. to act upon the following subjects:

**ARTICLE 1** To elect all necessary school district officers for the ensuing year. (Vote by Ballot.)

**ARTICLE 2** Shall the Merrimack School Board be authorized to accept on behalf of the District, without further action by the voters, gifts, legacies and devises of personal or real property which may become available to the District during the fiscal year? (Majority vote required). (Recommended by the School Board Vote: \_\_\_\_\_).

**ARTICLE 3** Shall the District approve the cost items included in the collective bargaining agreement reached between the School Board and the Merrimack Teachers Association which calls for the following net changes in salaries and benefits at the current staffing levels over the amount paid in the prior fiscal year:

Year	Estimated Amount
2022-2023	\$1,247,930

and further raise and appropriate the sum of One Million Two Hundred Forty Seven Thousand Nine Hundred Thirty Dollars (\$1,247,930) for the current fiscal year, such sum representing the additional costs attributable to the increase in salaries and benefits required by the new agreement over those that would be paid at the current staffing levels? (Majority vote required (Recommended by the School Board Vote: \_\_\_\_\_). (Recommended by the Budget Committee Vote: \_\_\_\_\_).

**ARTICLE 4** Shall the District, if Article 3 is defeated, authorize the School Board to call one special meeting, at its option, to address Article 3 cost items only? (Majority vote required). (Recommended by the School Board Vote: \_\_\_\_).

**ARTICLE 5** Shall the District approve the cost items included in the collective bargaining agreement reached between the School Board and the Merrimack Teachers Association which calls for the following net changes in salaries and benefits at the current staffing levels over the amount paid in the prior fiscal year for a market adjustment added to base salary beginning in 2022-2023 to position the Merrimack Teachers Association at competitive rates in regards to surrounding districts in the amount of up to Nine Hundred Fifty Thousand dollars (\$950,000), **said sum not to exceed Seventy Five Percent (75%)** of the unencumbered surplus funds remaining at the end of fiscal year 2021-2022? (Majority vote required (Recommended by the School Board Vote: \_\_\_\_). (Recommended by the Budget Committee Vote: \_\_\_\_).

*NOTE: This Article represents a one-time salary adjustment to the scale for the fiscal year 2022-2023 and if approved will be imbedded into the salary schedule from 2022-2023 forward. It is not cumulative.*

**ARTICLE 6** (Special Warrant Article) Shall the District raise and appropriate the sum of One Million Six Hundred Five Hundred Dollars (\$1,600,500) for the purpose of roof replacement at Thorntons Ferry Elementary School? (Majority vote required). (Recommended by the School Board Vote: \_\_\_\_). (Recommended by the Budget Committee Vote: \_\_\_\_).

**ARTICLE 7** Shall the Merrimack School District vote to raise and appropriate a sum of Two Hundred Thousand Dollars (\$200,000) for the primary purpose to raze the building known as the former Brentwood school (a.k.a., the Red building) and to return the site back to a usable condition with appropriate fill, compaction and spread gravel to allow future use for school purposes? (Majority vote required). (Recommended by the School Board Vote: \_\_\_\_). (Recommended by the Budget Committee Vote: \_\_\_\_).

**ARTICLE 8** To see if the school district will vote to authorize, indefinitely until rescinded, to retain year-end unassigned general funds in an amount not to exceed, in any fiscal year, 5 percent of the current fiscal year's net assessment, in accordance with RSA 198:4- b, II (Majority vote required). (Recommended by the School Board Vote: \_\_\_\_).

**NOTE – The amount for the 22-23 year is based on the 21-22 net assessment of \$53,653,240. 5 % would be \$2,682,662 to the extent that you have that in surplus. See law below.**

## District Taxes

### Section 198:4-b

#### 198:4-b Contingency Fund. –

I. A school district annually by an article separate from the budget and all other articles in the warrant, or the governing body of a city upon recommendation of the school board, when the operation of the schools is by a department of the city, may establish a contingency fund to meet the cost of unanticipated expenses that may arise during the year. A detailed report of all expenditures from the contingency fund shall be made annually by the school board and published with their report.

II. Notwithstanding any other provision of law, a school district by a vote of the legislative body may authorize, indefinitely until specific rescission, the school district to retain any unused portion of the year-end unassigned general funds, from the preceding fiscal year in subsequent fiscal years, provided that the total amount of year-end unassigned general funds does not exceed, in any fiscal year, **5 percent of the current fiscal year's net assessment** under RSA 198:5.

(a) Prior to expending retained general funds, the school board shall hold a prior public hearing on the action to be taken with such funds. Notice of the time, place, and subject of such hearing shall be published in a newspaper of general circulation in the relevant municipality at least 7 days before the meeting is held.

(b) An annual accounting and report of the activities of the retained general funds shall be presented to the school board of the district and published in the annual report.

III. The legislative body of the city of Manchester, upon recommendation of the school committee, may authorize, indefinitely until specific rescission, the school district to retain year-end unassigned general funds.

**Source.** 1965, 123:4. 1998, 389:12, eff. Oct. 1, 1998. 2012, 221:1, eff. Aug. 12, 2012. 2014, 190:6, eff. Sept. 9, 2014. 2020, 38:25, eff. Sept. 27, 2020.

**ARTICLE 9** Shall the District raise and appropriate as an operating budget, not including appropriations by special warrant articles and other appropriations voted separately, the amounts set forth on the budget posted with the warrant or as amended by vote of the first session, for the purposes set forth therein, totaling \$ \_\_\_\_\_? (Should this article be defeated, the default budget shall be \$ \_\_\_\_\_ which is the same as last year, with certain adjustments required by previous action of the District or by law, or the governing body may hold one special meeting, in accordance with RSA 40:13, X and XVI, to take up the issue of a revised operating budget only)? (Majority vote required). (Recommended by the School Board Vote: \_\_\_\_). (Recommended by the Budget Committee Vote: \_\_\_\_).

# Merrimack School District

Revised 12/23/2021

Capital Improvement Plan and Bonded Debt Schedule											Current Bonded/Leased Debt		
Year	Roofing	Master Plan Study Funded	Student Service and SAU Office	Gym Floor Replacement	BOILERS - District Wide	O'Gara and Sidewalk	Window Replacement MHS	MHS Field	Total Bonded Debt	Total Bonded Debt and Capital Improvements	Ventilation Lease	Middle School	
2022-2023	1,600,500	Funded	TBD			552,625			1,290,820	3,443,945	469,320	821,500	
2023-2024	852,547								1,259,820	2,112,367	469,320	790,500	
2024-2025	824,901			195,001				TBD	469,320	1,489,222	469,320	-	
2025-2026	1,024,877						359,417		469,320	1,853,614	469,320	-	
2026-2027	1,211,660				500,000				469,320	2,180,980	469,320	-	
2027-2028	751,938						360,000		469,320	1,581,258	469,320	-	
2028-2029	627,440				300,000				469,320	1,396,760	469,320	-	
2029-2030	136,793						360,000		469,320	966,113	469,320	-	
2030-2031									469,320	469,320	469,320	-	
2031-2032									-	-	-	-	
2032-2033	11,045								-	11,045	-	-	
2033-2034									-	-	-	-	
2034-2035									-	-	-	-	
2035-2036	96,911								-	96,911	-	-	
2036-2037									-	-	-	-	
2037-2038									-	-	-	-	
2038-2039	432,682								-	432,682			
2047-2048									-				
2049-2050	839,209								-	839,209	-		
Total	8,410,503	-	-	195,001	800,000	552,625	1,079,417	-	5,835,880	16,873,426	4,223,880	1,612,000	

**Capital Improvement Plan  
Capital Expenditure Summary Form - 10 YEAR PLAN**

Approved by the Planning and Building Committee 11-09-2021

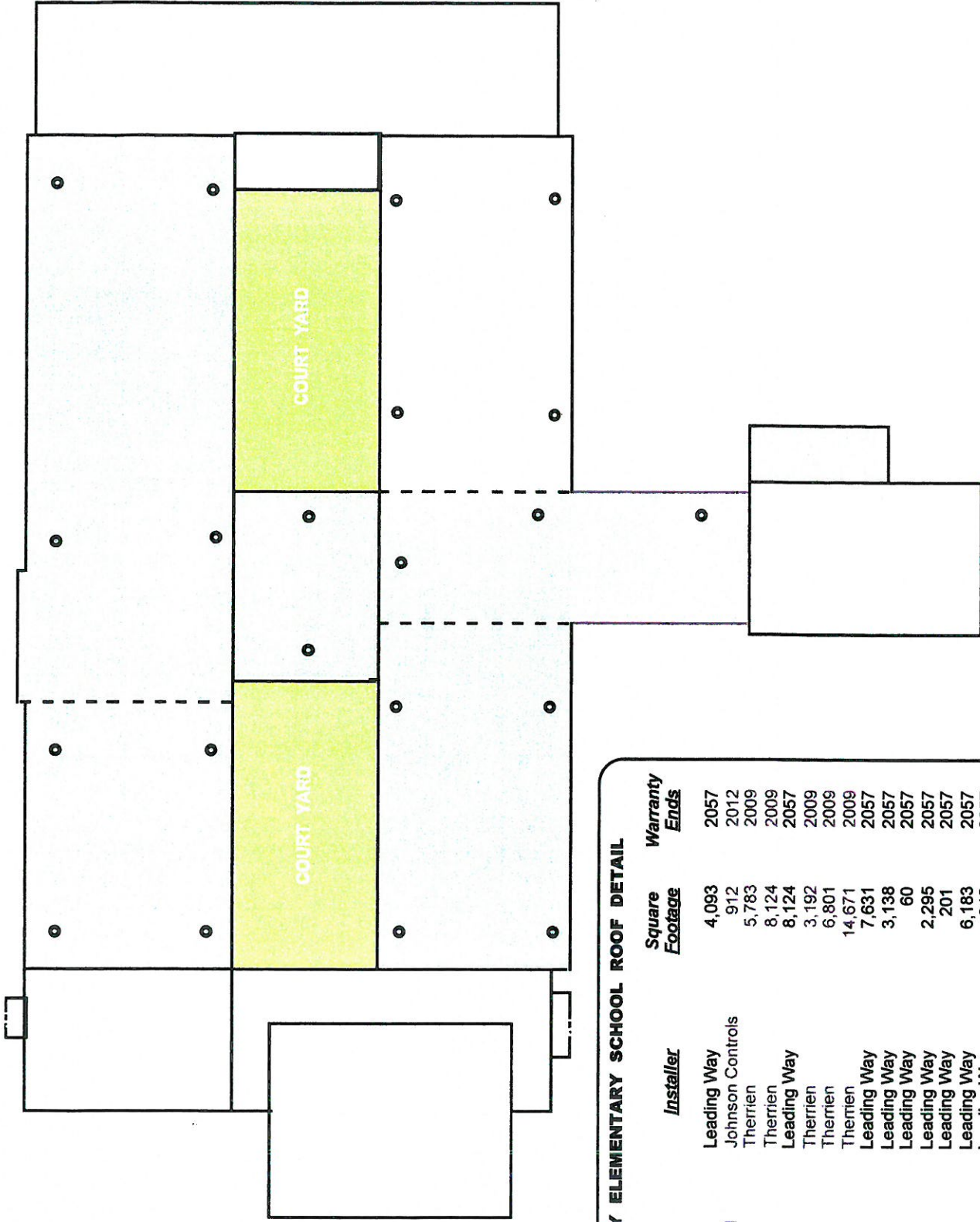
Description	Replace Addition	Priority	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Roofing	Replace	Necessary	TFS \$ 1,600,500	MES/JMUES \$ 852,547	MES/JMUES \$ 824,901	MES/JMUES \$ 1,024,877	MES/JMUES \$ 1,211,660	MHS \$ 751,998	MHS \$ 627,440	MHS \$ 136,793		
Ventilation	Replace	Necessary										
<b>\$4,000,000 Lease Purchase Passed for 2021-2022 61 Unit Ventilators</b>												
Paving O'Gara Drive and New Sidewalk - Master Plan Step 1A	Replace	Necessary	\$ 552,625									
Bleacher Upgrade	Replace	Necessary	JMUES Bleachers APR DONE Bleachers in Smith Gym DONE									
Gym Floor Replacement	Replace	Necessary	JMUES APR DONE VCT or		MHS GYM \$ 195,001							
Boilers	Replace	Necessary					MHS (4) Units \$ 500,000		MUES (2) Units \$ 300,000			
Window Replacement	Replace	Necessary				MHS - Courtyard \$ 359,417		TBD		TBD		
Turf Field - MHS	Replace	Necessary										
Master Plan/SAU Office Study	Replace	Necessary										
Total			\$ 2,153,125	\$ 852,547	\$ 1,019,902	\$ 1,384,294	\$ 1,711,660	\$ 1,111,998	\$ 927,440	\$ 496,793	\$ -	\$ -

Ogara Drive Rehabilitation			Unit Cost	Cost
Remove existing pavement from O'Gara; regrade existing gravel; pave 3.5" pavement	Length of work = 2,580 LF	Width = 24 LF	\$20 per SY	\$137,600.00
Misc work - Assume 25% of above				\$ 34,400.00
<b>Total =</b>				<b>\$172,000.00</b>

New Sidewalk from existing to southern end of skate park gravel lot on west side of Ogara	Length of work = 1,450 LF	\$175 per Linear foot	\$253,750.00
Misc Work (resetting guardrail, drainage, etc) - Assume 50%			\$126,875.00
<b>Total =</b>			<b>\$380,625.00</b>

**MAINT** = Maintenance Building  
**MHS** = Merrimack High School  
**MMS** = Merrimack Middle School  
**MUES** = Merrimack Upper Elementary School  
**MES** = Merrimack Elementary School  
**RFS** = Reeds Ferry Elementary School  
**TFS** = Thomtons Ferry Elementary School



**THORNTONS FERRY ELEMENTARY SCHOOL ROOF DETAIL**

Roof	Year Installed/ Manufacturer	Installer	Square Footage	Warranty Ends
A	2017 / Garland	Leading Way	4,093	2057
B	1992 / Corrugated Metal	Johnson Controls	912	2012
C	1994 / Sopreme 2021	Therrien	5,783	2009
D	1994 / Sopreme 2021	Therrien	8,124	2009
E	2017 / Garland	Leading Way	8,124	2057
F	1994 / Sopreme 2021	Therrien	3,192	2009
G	1994 / Sopreme 2021	Therrien	6,801	2009
H	1994 / Sopreme 2021	Therrien	14,671	2009
I	2017 / Garland	Leading Way	7,631	2057
J	2017 / Garland	Leading Way	3,138	2057
J1	2017 / Garland	Leading Way	60	2057
K	2017 / Garland	Leading Way	2,295	2057
K1	2017 / Garland	Leading Way	201	2057
L	2017 / Garland	Leading Way	6,183	2057
M	2017 / Garland	Leading Way	912	2057
	1.63 acres or	Total Square Footage	72,120	



## Memo

**Date:** November 11, 2021  
**To:** Tom Touseau, Larry Ouellette, Dale Gienapp  
**From:** Brad Nederhoff  
**Project:** Merrimack School District SAU-26 - Roofing Site visit – 11/5/21

Proj #: 747

### Thorntons Ferry Elementary School

1. The Thorntons Ferry Elementary School roof showed some signs of more urgent need of repair.
2. Sections C, D, F, G and H were constructed in 1994 and have been out of warranty since 2009. These Sections are built-up roofing of tar and gravel that was applied on top of the original 1970 roof.
3. The original 1970 blueprints for this school were found in the plan file room and borrowed by GA for future use.
4. The group happened to observe this roof as the morning dew was beginning to melt. Larry pointed out that some of the roof areas, particularly at Sections G and H were telegraphing potentially urgent problems with the insulation below. Areas where the morning frost had melted were immediately adjacent to unmelted areas, indicating that the insulation in the melted areas were likely saturated from leakage at the surface. These areas also corresponded with the areas where Tom reported has been experiencing leakage to the classrooms below.
5. Larry stated that test openings would confirm saturated insulation, but that he was quite certain that it was indeed the case.
6. Saturated insulation has no insulating value and can lead to mold problems and damage the metal deck below.

### Next Steps

1. Update the budget for replacing Sections C, D, F, G and H. These areas total 38,571 sq. ft. The prior estimate used \$31/sq. ft. as a unit cost to replace the insulation and roofing. Larry and Dale felt that recent inflation in construction costs would likely increase this unit cost to approximately \$40/sq. ft.

*End memo*

