### BOARD OF EDUCATION Darien, Connecticut

### SPECIAL MEETING OF THE BOARD OF EDUCATION THURSDAY, APRIL 29, 2021

PLACE DARIEN PUBLIC SCHOOLS' ADMINISTRATIVE OFFICES 35 LEROY AVENUE BOARD MEETING ROOM 7:00 P.M.

### **AGENDA**

- 1. Call to Order...... Mr. David Dineen 7:00 p.m.
- Public Hearing on the Proposed. Mr. David Dineen Renovation Plans for Hindley, Holmes and Royle Elementary Schools
- 3. Adjournment..... Mr. David Dineen

AA:nv

\* Due to the current COVID-19 regulations and restrictions pertaining to public indoor gatherings, the Board of Education meeting will be available to the public via Zoom.

Those members of the community wishing to view only, should do so through the Darien Youtube link: <u>https://www.youtube.com/channel/UCUnnvyKBFbFrTWQRuoB6OZA</u> Those members of the community wishing to participate in public comment should join the meeting via Zoom:

https://darienps.zoom.us/j/93918474275

In order to reduce audio interference, members of the community are requested not to simultaneously view by Youtube while participating on Zoom.





# Darien Public School District

Connecticut

HINDLEY, HOLMES, & ROYLE ELEMENTARY SCHOOLS
CONCEPTUAL FLOOR PLAN LAYOUTS STUDY

• April, 2021



DARIEN PUBLIC SCHOOLS HINDLEY, HOLMES, & ROYLE ELEMENTARY SCHOOL CONCEPTUAL FLOOR PLAN LAYOUTS STUDY

DATE: April, 2021

RE: DRAFT UPDATE

### INTRODUCTION

Darien Public Schools retained the services of Northeast Collaborative Architects, LLC (NCA) to provide a Feasibility Study for the following:

Initial study scope:

- Removal of portable classrooms at Hindley, Holmes, and Royle Elementary Schools
- Enhance Library facilities to provide a "Learning Commons" a flexible learning environment specific to grade levels, and review and implement elements of the Libraries Re-imagined effort at the following schools:
  - Hindley Elementary School\*
  - Holmes Elementary School\*
  - Royle Elementary School\*
- \*This study extract includes only the three elementary schools

Expanded study scope:

- Incorporate developing DRAFT Educational Specifications for comprehensive improvement projects, including results of classroom size and count study.
- Incorporate proposed infrastructure long-range capital improvements at the three elementary schools. These infrastructure long-range capital improvements include major mechanical, electrical, plumbing and technology systems renovations, exterior building enhancements, and various site work. They include both line item improvements from the district's 5-year plan, and some remaining items from the 2016 KG&D Master Plan report.
- Additional review with each school principal
- Options were considered for portable classroom removal at the three elementary schools should also study the implementation of the "Learning Commons" model in a comprehensive and cost-effective manner. These conceptual plans reflect the selected option at each school, considered to be the most comprehensive and cost-effective to accomplish the goals indicated herein.

Major tasks included the following:

Prepared space-planning options associated with comprehensive portable classroom removal and "Learning Commons" renovations at

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500 Plaza Middlesex Middletown, CT 06457 www.ncarchitects.com tel: 860.344.9332 fax: 860.347.4075 each of 3 elementary schools, Hindley, Holmes, and Royle, in the form of conceptual diagrammatic plans. Multiple options were considered for each school, and the plans included reflect the selected option for each school.

- Further develop plans to include space allocations per developing DRAFT Educational Specification for more comprehensive improvement projects, considering the recent new Tokeneke Elementary School and the proposed Ox Ridge Elementary School.
- Analyze and update renovation plans based on the results of the classroom size and count study prepared in late 2020 to achieve more appropriate classroom size and count for each school. This study was based on the most recent Enrollment Projections provided by Milone and MacBroom in 2020.
- Confirm that all program elements are included, checked with Ed Spec and confirmed by each school principal
- Provided an opinion on the benefits and drawbacks of each option, and an opinion on a phased approach to addressing the most urgent needs, in a manner conducive to optimal learning environments.
- Cost Analysis to assist the school district in incorporating potential capital request for FY22 and beyond.

### **METHODOLOGY AND APPROACH**

The initial step for the study involved meetings with various Darien Public Schools Staff to review and understand the issues, goals, and objectives for this study. Additional meetings specific to each school, which included principals, librarians, technology, and a review of the Libraries Re-Imagined effort were arranged during February through April.

NCA also visited each school to review existing conditions, investigate building systems and issues, compare existing plans to actual conditions, and gather an overall understanding of each school's project scope. Delays due to COVID-19 caused a setback to the original schedule. NCA revisited the issues at a meeting in June to consider the comprehensive school needs as expressed by the school principals.

Subsequent to the meetings, NCA engaged in further review of existing documents, developed programming, strategies and design concepts for each school including:

- Thorough review of existing conditions plans
- Determined the architectural and engineering implications of the goals, objectives, and physical space issues and needs
- Prepared Architectural Space Programs and Room-by-Room Data sheets for the specific areas at Hindley, Holmes, and Royle Elementary Schools
- Expanded the detail of the Space programs into an overall Space Relationship (bubble diagram) for the typical Darien Public Schools Library Media Center "Protoype"



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- Incorporation of the results of the classroom size and count study prepared in late 2020, which, in conjunction with direct input from the district to establish the overall classroom count required for each school.
- Developed and refined conceptual plans for Hindley, Holmes, and Royle Elementary Schools. Options were developed and selected concepts were developed further.
- This expanded study develops more comprehensive improvement project conceptual floor plans.



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### DESIGN CONCEPT SUMMARY Hindley, Holmes, and Royle Elementary Schools

The Major Comprehensive Needs at all three schools have been identified as follows:

- Eliminate Portables
- Consider new or significant renovations to Library spaces
- Provide for adequate classroom count and size, especially at Grades 3 5 classrooms
- Infrastructure capital improvements plan (NOTE: the addition of this scope to the prior study has a significant impact on the cost parameters)
- Site work improvements, including enhancements to vehicular circulation with revisions to parking and drives.

General Classroom Counts:

- Hindley: 24
- Holmes: 24
- Royle: 22

Proposed Timeframe:

- Each project's general timeframe:
  - Design: approximately 1 year including town approvals
  - Construction: approximately 2 years including initial phasing, temporary work, demolition and/or abatement activities, advanced procurement of materials, phased renovations, encompassing a 14month active construction cycle for new additions and certain renovations, beginning in June (end of school year) and completing in August of the following year, then integration of systems, close-out, and commissioning.
  - Each project would have a "3-year" duration, with some variance based on extent of scope and complexity of scale.
- Projects can be phased, either in design and construction, or only in construction, if necessary

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### **Hindley Elementary School**

- Three portable classroom buildings are removed
- Existing Library to be demolished
- Highest priority due to # of portables in use, their general condition and large distance from the main school building, existing library infrastructure challenges, need for/use of programs being relocation/spaces being vacated

#### Design Concept:

- New Library / Media Center / Learning Commons addition
- New General Music, Storage, & Instrumental Music rooms addition
- 2 new classrooms in addition (second floor)
- Renovations of first and second floor to include expanded classrooms, World Language and IDEA Classrooms, other spaces including Special Ed, SRBI, Speech & Psychology offices, Staff Workroom
- Reconfiguration of DLC classrooms (being relocated to Ox Ridge Elementary School in Fall 2022) to general classrooms
- Infrastructure Renovations and Improvements from the district's capital plan and remaining items from the KG&D Master Plan, including enhancements to mechanical, electrical, plumbing and technology systems
- Site drive improvements, including the potential extension of the bus loop and study of a new drive exiting only onto Route 1 (pending further study).

Area Summary:

Approx. 4,000 SF net increase (10,300 SF addition; 3,000 SF demo; 3,300 SF removed portables), renovations throughout, including at former DLC classrooms.

General Project Cost Parameters (Note: INCLUDES the incorporation of Infrastructure Renovations and Improvements from the district's capital plan and Site Drive Improvements, pending further study)

Building Addition:	\$4,500,000 -	\$4,750,000
Demolition and Site Improvements:	\$150,000 -	\$200,000
Portable Removals and Site Imp.:	\$100,000 -	\$100,000
Major Programmatic Renovation:	\$3,250,000 -	\$3,500,000
Minor Programmatic Renovation:	\$250,000 -	\$250,000
Infrastructure Renovations and Imp.:	\$6,750,000 -	\$7,000,000
Site Drive Improvements:	\$500,000 -	<u>\$750,000</u>
TOTAL (including soft costs):	\$21,700,000 -	\$23,170,000

NOTE: If approvals and schedule permits, Priority 1 item: Curb Sidewalk & Blacktop Replacement – Bus Loop, will be deleted from currently approved budget and incorporated into Addition and Renovation Project as part of Site Drive Improvements above.



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#### **Holmes Elementary School Concepts**

- Two portable classrooms are removed
- Renovations to Library/Media Center
- High priority due to infrastructure needs of the building and allocation, size, and exterior access of ancillary learning spaces

#### Design Concept

- New 2-story addition with General Music, Storage, and Instrumental Music Rooms, World Languages, two general classrooms, and SRBI
- Classroom areas converted to relocated IDEA and OT/PT and Special Education spaces
- Library/Media Center/Learning Commons remains in place, with demountable partition interior classroom removed, and space reconfigured to meet intent of the prototype
- Infrastructure Renovations and Improvements from the district's capital plan and remaining items from the KG&D Master Plan, including enhancements to mechanical, electrical, plumbing and technology systems
- Site drive & parking improvements, including the potential expansion of parking on the north side of the site (pending further study).

#### Area Summary:

Approx. 5,800 SF net increase (7,500 SF addition; 1,700 SF demo; renovations at various portions of building and Library/Media Center)

General Project Cost Parameters (Note: INCLUDES the incorporation of Infrastructure Renovations and Improvements from the district's capital plan and site drive and parking improvements, pending further study):

	5 ,,
Building Addition:	\$3,500,000 - \$3,750,000
Portable Removals and Site Imp.:	\$125,000 - \$150,000
Major Programmatic Renovation:	\$750,000 - \$1,000,000
Minor Programmatic Renovation:	\$750,000 - \$1,000,000
Infrastructure Renovations and Imp.:	\$5,000,000 - \$5,700,000
Site Drive & Parking Improvements:	<u> \$750,000 - \$1,000,000</u>
TOTAL (including soft costs):	\$15,225,000 -\$17,640,000

NOTE: cost of the KG&D Report item "Build New Parking Lot on Former Curtis Property" is replaced by "Site Drive & Parking Improvements" above. See (\*\*) on attached Infrastructure Cost Tables.



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#### **Royle Elementary School**

- Three portable buildings are removed
- Existing Library Media Center to be demolished
- ELP Program will relocate to Ox Ridge Elementary School in Fall 2022
- High priority due to # of portables in use, existing library infrastructure challenges, need for/use of programs being relocation/spaces being vacated, factoring in lower enrollment and more common spaces than other schools

#### Design Concept:

- Existing Classrooms 8 through 11 to be demolished
- New Library / Media Center / Learning Commons addition
- New General Music, Storage, & Instrumental Music rooms addition
- 4 new classrooms in addition
- Renovations of first and second floor to include expanded classrooms, World Language and IDEA Classrooms, other spaces including Special Ed, SRBI, Speech & Psychology offices, Staff Workroom
- Reconfiguration of ELP classrooms (being relocated to Ox Ridge) general classroom, IDEA and World Languages
- Infrastructure Renovations and Improvements from the district's capital plan and remaining items from the KG&D Master Plan, including enhancements to mechanical, electrical, plumbing and technology systems
- Site drive & parking improvements (pending further study)

### Area Summary:

Approx. 1,000 SF net increase (12,500 SF addition; 9,000 SF demo; 2,500 SF portable removal) renovations throughout, including at former ELP classrooms, internal ramp at floor level change)

General Project Cost Parameters (Note: INCLUDES the incorporation of Infrastructure Renovations and Improvements from the district's capital plan and site drive & parking improvements, pending further study):

Building Addition:	\$5,500,000 - \$5,750,000
Demolition and Site Improvements:	\$350,000 - \$400,000
Portable Removals and Site Imp.:	\$175,000 - \$200,000
Major Programmatic Renovation:	\$4,250,000 - \$4,500,000
Minor Programmatic Renovation:	\$500,000 - \$500,000
Infrastructure Renovations and Imp.:	\$2,500,000 - \$2,750,000
Site Improvements:	<u> \$250,000 - \$500,000</u>
TOTAL (including soft costs):	\$18,935,000- \$20,440,000

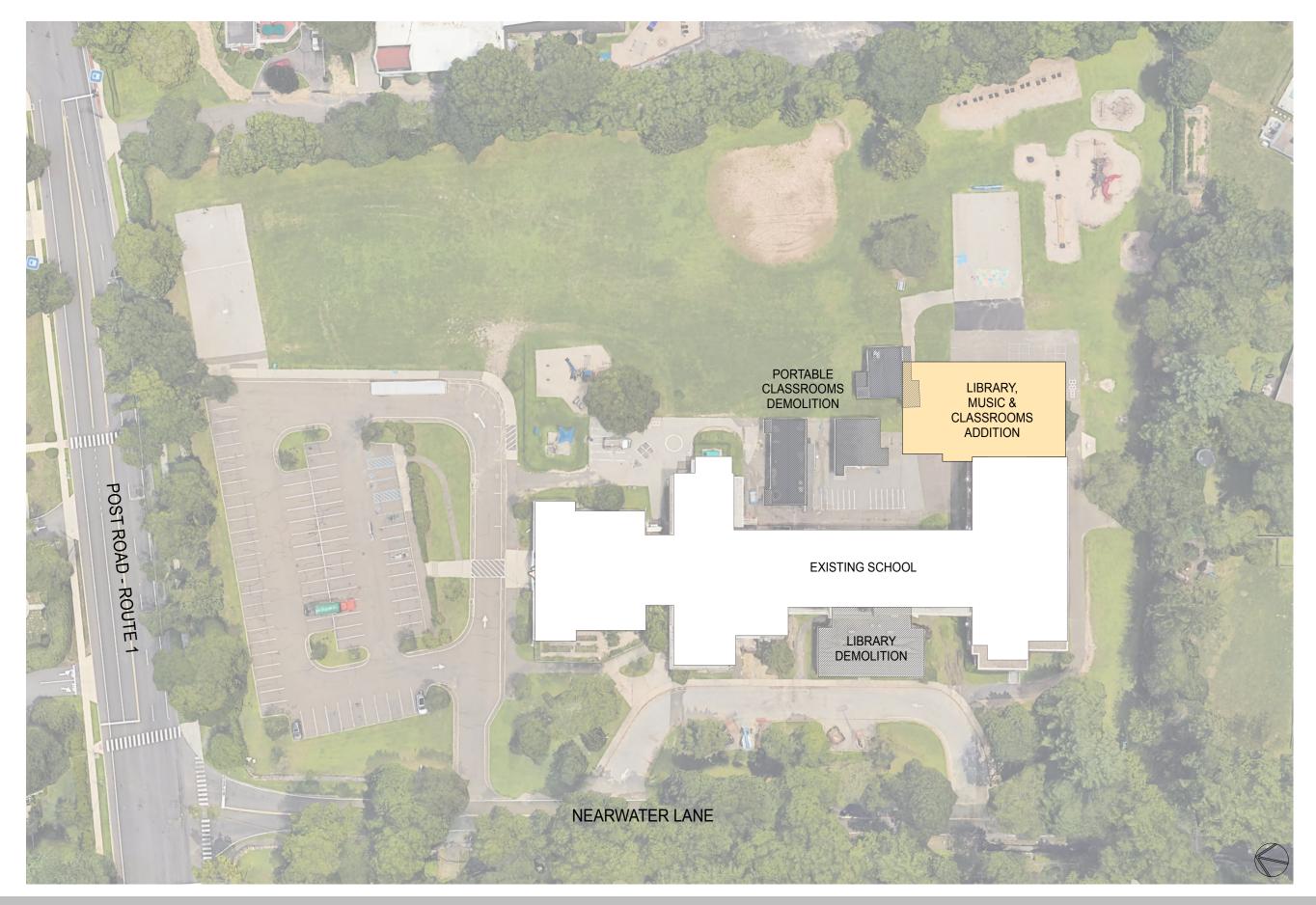


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### DARIEN PUBLIC SCHOOLS HINDLEY, HOLMES, & ROYLE ELEMENTARY SCHOOL CONCEPTUAL FLOOR PLAN LAYOUTS STUDY

### **APPENDIX 1: CONCEPTUAL FLOOR PLAN LAYOUTS**

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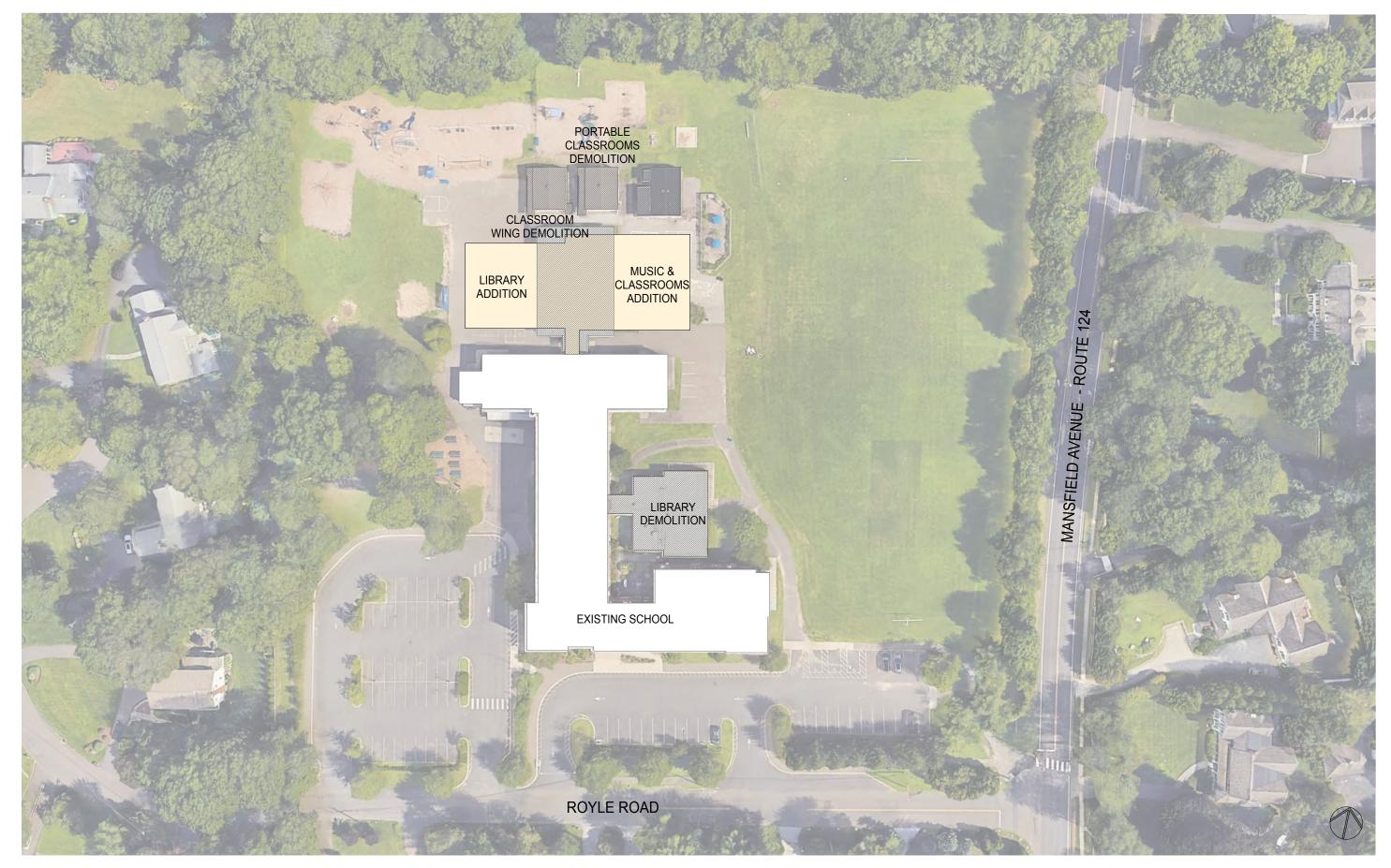




# HINDLEY ELEMENTARY SCHOOL CONCEPTUAL SITE PLAN

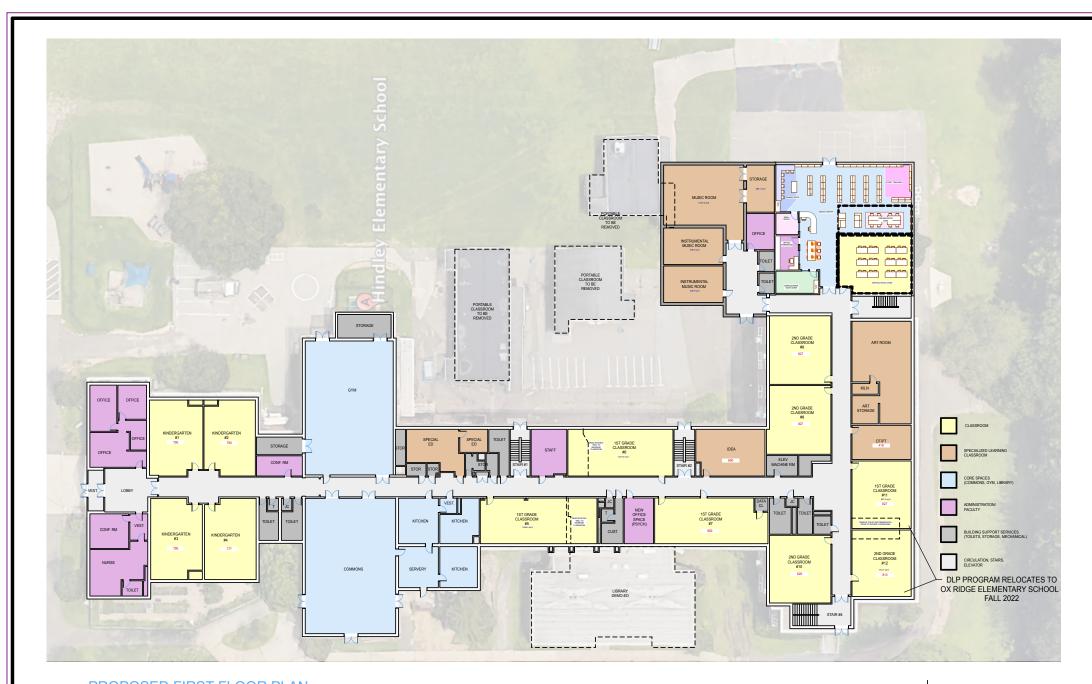


# HOLMES ELEMENTARY SCHOOL CONCEPTUAL SITE PLAN





# ROYLE ELEMENTARY SCHOOL CONCEPTUAL SITE PLAN





EXISTING ENROLLMENT (2020) - 429 STUDENTS PROJECTED ENROLLMENT (MAX) - 441 STUDENTS

> 1ST FLOOR - 36,464 SQFT PORTABLE CLASSROOMS - 3,333 SQFT 2ND FLOOR - <u>18,778 SQFT</u> EXISTING GSF - <del>58,575 SQFT</del>

1ST FLOOR - 36,464 SQFT REMOVED PORTABLE CLASSROOMS - (0) SQFT LESS DEMO-ED MEDIA CENTER - (2,974) SQFT FIRST FLOOR ADDITION - 2,978 SQFT 2ND FLOOR ADDITION - 2,298 SQFT <u>PROPOSED GSF - 62,501 SQFT</u>

PROPOSED FIRST FLOOR PLAN SCALE: 1° = 20'

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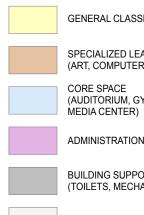
# HINDLEY ELEMENTARY SCHOOL



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# HOLMES ELEMENTARY SCHOOL





GENERAL CLASSROOMS

SPECIALIZED LEARNING (ART, COMPUTER LABS)

CORE SPACE (AUDITORIUM, GYM, CAFETERAI, MEDIA CENTER)

ADMINISTRATION/FACULTY

BUILDING SUPPORT SPACES (TOILETS, MECHANICAL, STORAGE)

CIRCULATION, STAIRS, ELEVATORS

EXISTING ENROLLMENT (2020) - 433 STUDENTS PROJECTED ENROLLMENT (2021) - 451 STUDENTS

1ST FLOOR - 33,446 SQFT PORTABLE CLASSROOMS - 1,670 SQFT 2ND FLOOR - <u>21,801 SQFT</u> EXISTING GSF - 56,917 SQFT

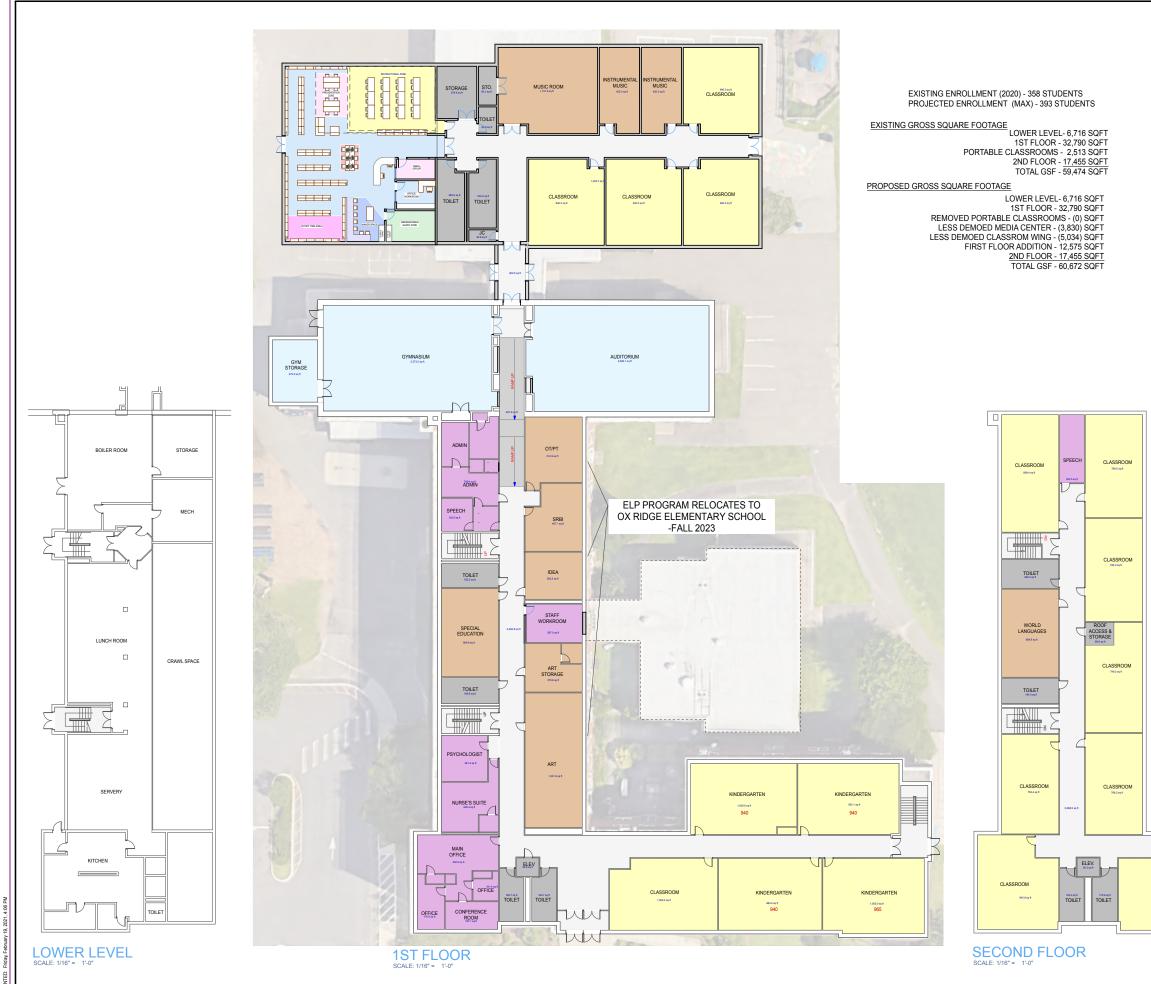
1ST FLOOR - 33,446 SQFT REMOVED PORTABLE CLASSROOMS - (0) SQFT FIRST FLOOR ADDITION - 3,767 SQFT 2ND FLOOR - 21,801 SQFT <u>2ND FLOOR ADDITION - 3,767 SQFT</u> PROPOSED GSF - 62,781 SQFT

# HOLMES ELEMENTARY SCHOOL



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GENERAL CLASSROOMS
SPECIALIZED LEARNING (ART, COMPUTER LABS)
CORE SPACE (AUDITORIUM, GYM, CAFETERAI, MEDIA CENTER)
ADMINISTRATION/FACULTY
BUILDING SUPPORT SPACES (TOILETS, MECHANICAL, STORAGE)
CIRCULATION, STAIRS, ELEVATORS



# ROYLE ELEMENTARY

# BUILDING ADDITION NEW INTERIOR RAMP & RENOVATIONS

		GENERAL (	CLASSROOM	MS		
		SPECIALIZE (ART, MUSI	ED LEARNIN C, IDEA, SR			
		CORE SPAC (AUDITORIL MEDIA CEN	JM, GYM, C	AFETERAI,		
		ADMINISTR	ATION/FAC	ULTY		
		BUILDING S (TOILETS, N			GE)	
		CIRCULATIO	ON, STAIRS	, ELEVATO	RS	
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# DARIEN 3 ELEMENTARY SCHOOLS STUDY







HOLMES SCHOOL



# **OVERVIEW**

### **ANALYSIS OF THE NEEDS**

**DESIGN CONCEPT SUMMARY** 

**SCOPE | ESTIMATES | TIMEFRAME** 



ANALYSIS OF THE NEEDS Darien Public Schools

## HINDLEY | HOLMES | ROYLE PRIORITY NEEDS

Removal of portable classrooms

Enhance Library/Media Center to create "Learning Commons"

Develop Ed Specs: enhance space use Incorporate Long Range Capital Plan: roof/exterior envelope projects and MEP/systems upgrades

Incorporate remaining 2016 KG&D Study Incorporate costs for further site planning considerations

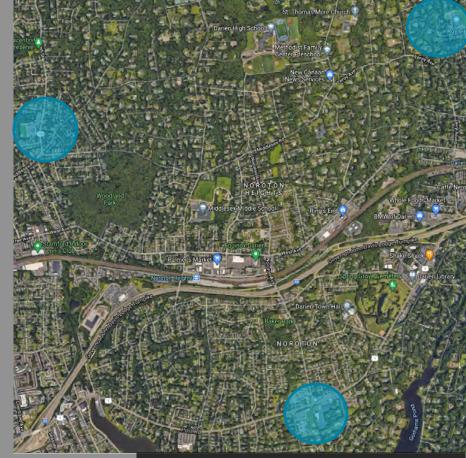




# HINDLEY | HOLMES | ROYLE WHAT MAKES THIS POSSIBLE

Quality facility maintenance since last major renovations & additions Sustained enrollment projections

Commitment of administration, teachers and staff at each school Darien Optimal class size Utilization of existing sites



**School Locations** 



**DESIGN CONCEPT SUMMARY** Darien Public Schools

# HINDLEY | HOLMES | ROYLE DESIGN GOALS Eliminate portables New or significant renovations to

create "Learning Commons" Enhance classroom size and count Infrastructure Capital Improvement Plan included in cost summary Site work improvements requiring further study included in cost summary





**DESIGN CONCEPT SUMMARY** Darien Public Schools

# HINDLEY | HOLMES | ROYLE GENERAL CLASSROOM COUNT

Hindley: 24 Holmes: 24 Royle: 22





**DESIGN CONCEPT SUMMARY** Darien Public Schools

HINDLEY

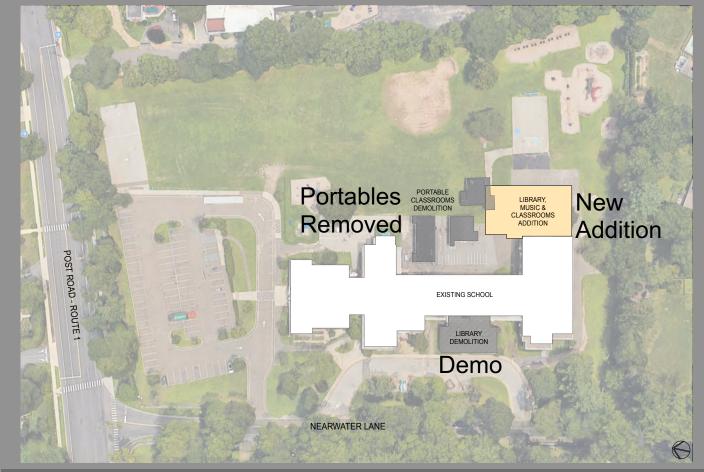
Addition:

Music Learning Commons Classrooms (2) DLC to Ox Ridge Classrooms and Specialized Spaces Reno





### HINDLEY



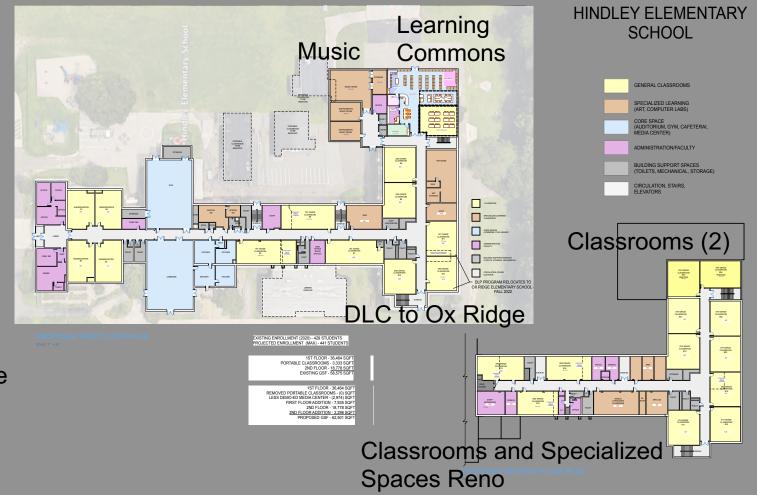




HINDLEY ELEMENTARY SCHOOL

**CONCEPTUAL SITE PLAN** 

HINDLEY Addition: 10,300 SF Demo: 3,000 SF Removal: 3,300 SF Reno Infrastructure Site Scope

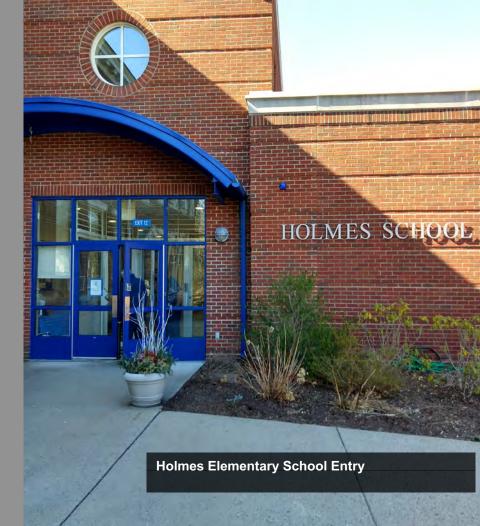


**DESIGN CONCEPT SUMMARY** Darien Public Schools

HOLMES

Addition:

Music Classrooms (2) Specialized Spaces Learning Commons & Specialized Spaces Reno





# HOLMES SITE







HOLMES ELEMENTARY SCHOOL

**CONCEPTUAL SITE PLAN** 

### HOLMES ELEMENTARY SCHOOL

GENERAL CLASSROOMS

SPECIALIZED LEARNING (ART. COMPUTER LABS) CORE SPACE (AUDITORIUM, GYM, CAFETERAI,

ADMINISTRATION/FACULTY

BUILDING SUPPORT SPACES

(TOILETS, MECHANICAL, STORAGE)

CIRCULATION, STAIRS, ELEVATORS

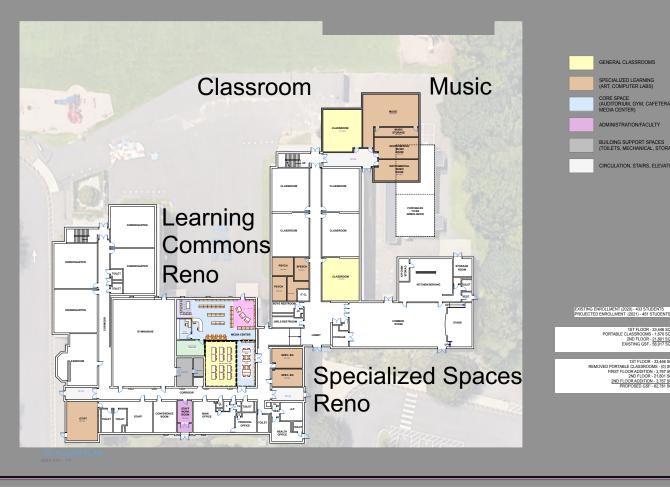
1ST FLOOR - 33,446 SQFT PORTABLE CLASSROOMS - 1,670 SQFT 2ND FLOOR - 21,801 SQF FXISTING GSF - 56 917 SQF

FIRST FLOOR ADDITION - 3,767 SQFT 2ND FLOOR - 21,801 SQFT 2ND FLOOR ADDITION - 3,767 SQFT

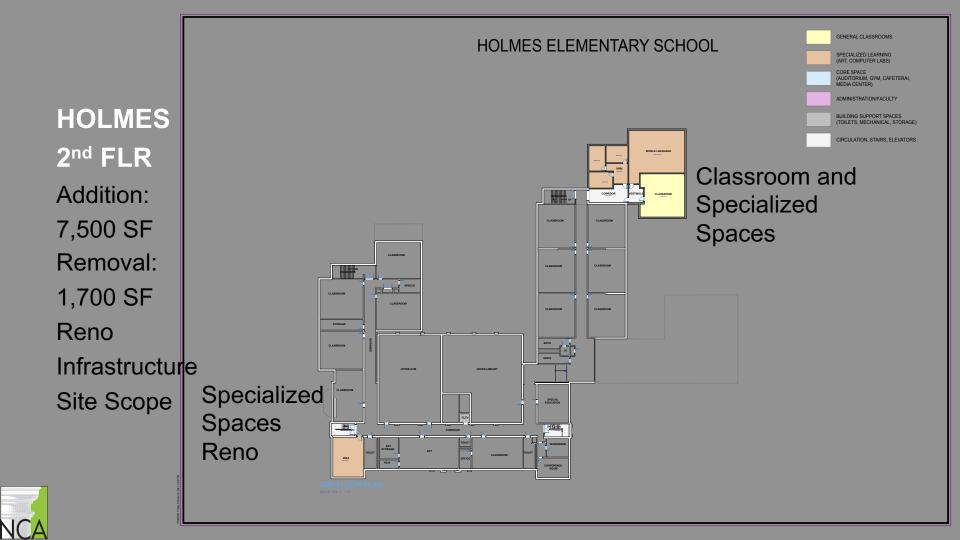
1ST FLOOR - 33,446 SQF REMOVED PORTABLE CLASSROOMS - (0) SQFT

MEDIA CENTER)

HOLMES 1<sup>st</sup> FLR Addition: 7,500 SF Removal: 1,700 SF Reno Infrastructure Site Scope







**DESIGN CONCEPT SUMMARY** Darien Public Schools

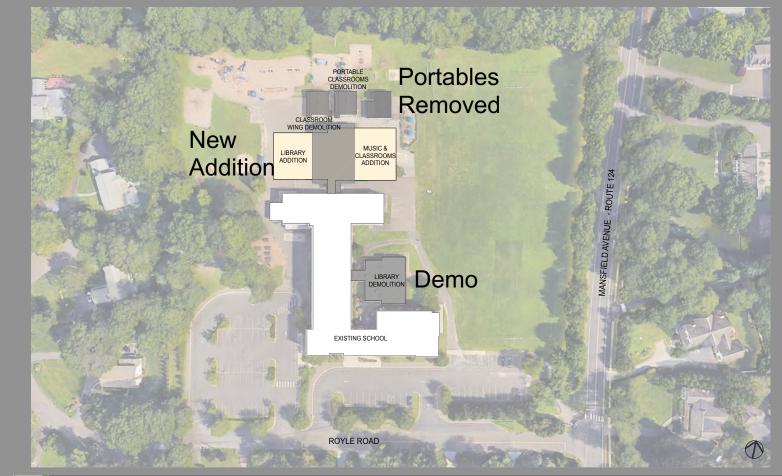
ROYLE

Addition:

Music Learning Commons Classrooms (4) ELP to Ox Ridge Classrooms and Specialized Spaces Reno







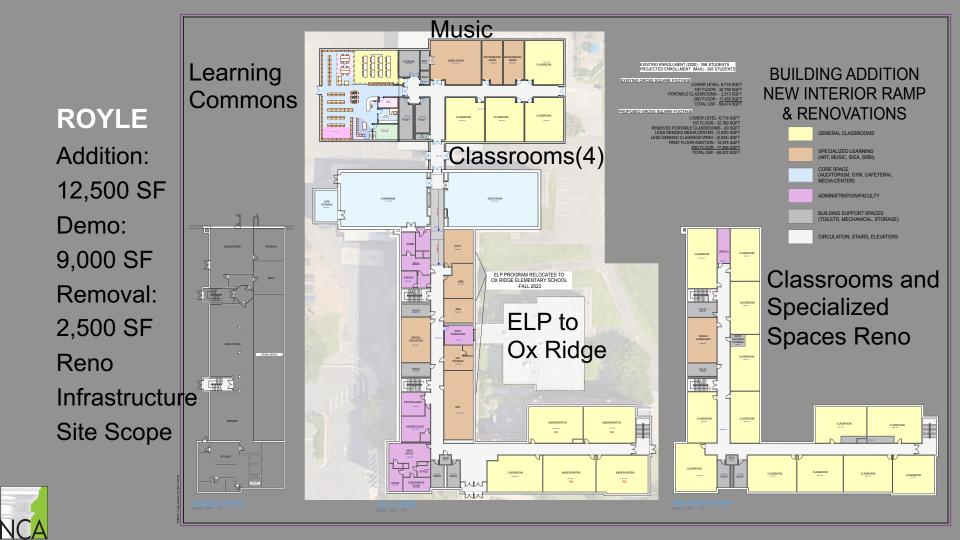


ROYLE



**ROYLE ELEMENTARY SCHOOL** 

**CONCEPTUAL SITE PLAN** 



SCOPE | ESTIMATES | TIMEFRAME Darien Public Schools

### HINDLEY

\$4,500,000 - \$4,750,000 Addition: \$150,000 - \$200,000 Demo & Site: Removal & Site: \$100,000 - \$100,000 Major Reno: \$3,250,000 - \$3,500,000 \$250,000 - \$250,000 Minor Reno: Infrastructure:\$6,750,000 - \$7,000,000 Site Scope (TBD) \$500,000 - \$750,000 TOTAL(\*): \$21,700,000 - \$23,170,000

(\* includes soft costs)



(If approvals and schedule permit, Priority 1 item "Curb Sidewalk Blacktop Replacement – Bus Loop" will be revised & incorporated into Site Scope (TBD)



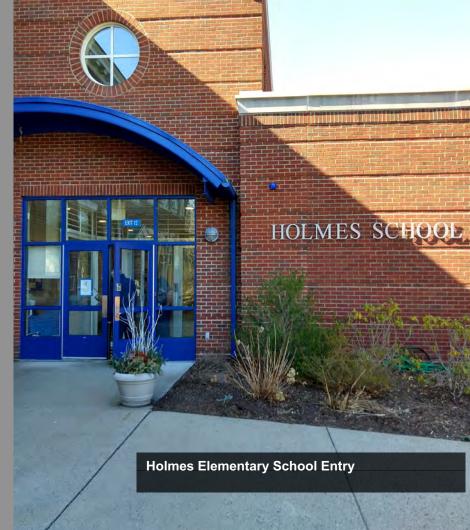
SCOPE | ESTIMATES | TIMEFRAME Darien Public Schools

### HOLMES

Addition: \$3,500,000 - \$3,750,000 Removal & Site: \$125,000 - \$150,000 Major Reno: \$750,000 - \$1,000,000 Minor Reno: \$750,000 - \$1,000,000 Infrastructure:\$5,000,000 - \$5,700,000 Site ScopeTBD:\$750,000 - \$1,000,000 TOTAL (\*): \$15,225,000-\$17,640,000

(\* includes soft costs)

(Site Scope TBD replaces cost of KG&D Report item "Build New Parking Lot on Former Curtis Property)





SCOPE | ESTIMATES | TIMEFRAME Darien Public Schools

### ROYLE

Addition: \$5,500,000 - \$5,750,000 Demo & Site: \$350,000 - \$400,000 Removal & Site: \$175,000 - \$200,000 Major Reno: \$4,250,000 - \$4,500,000 Minor Reno: \$500,000 - \$500,000 Infrastructure:\$2,500,000 - \$2,750,000 Site Scope (TBD)\$250,000 - \$500,000 TOTAL (\*): \$18,935,000 - \$20,440,000

(\* includes soft costs)





**SCOPE | ESTIMATES | TIMEFRAME** Darien Public Schools

## TIMEFRAME

Design, Review & Approvals: Approximately 1.5 Years

Construction:

Major Activity: Begin June 2023 Approximately 2 Years Concurrent Projects





SCOPE | ESTIMATES | TIMEFRAME Darien Public Schools

# **NEXT STEPS**

BOE holds Public Hearing on proposed project: April 29, 2021 Admin presents Ed Specs for the project to BOE: May 11, 2021

BOE votes to accept Ed Specs:

### May, 25 2021

BOE passes resolution requesting that the Board of Selectmen form a Citizen's Building Committee for the project outlined in the Ed Specs:

May 25, 2021

Building Committee appointed:

August 16, 2021

Building Committee will decide on project delivery method, select design and construction team



# CONCLUSION

### **ANALYSIS OF THE NEEDS**

**DESIGN CONCEPT SUMMARY** 

**SCOPE | ESTIMATES | TIMEFRAME** 

QUESTIONS

