FORM ED049.
PROJECT APPLICATION

State project #: 072-0091 Facility: Gallup Hill School

Form Status: Signed-Off

FORM ED049. GRANT APPLICATION AND EXECUTIVE SUMMARY OF EDUCATIONAL SPECIFICATIONS FOR A SCHOOL BUILDING PROJECT

SCHOOL FACILITY INFO
Gallup Hill School
169 Gallup Hill Road
Ledyard, CT 06339

Note: *This application must be accompanied by (A) a certified copy of the resolution or resolutions adopted by the legislative body of the applicant (i) establishing a building committee for the project; (ii) authorizing at least the preparation of schematic drawings and outline specifications for the proposed project, and (iii) authorizing the filing of the grant application, and (B) education specifications for the project and written approval of such education specifications by the district's board of education.*

Contact Name: Jason Lathrop **Contact Phone:** 860-464-9255

Type of Facility *(choose one)*

- (●) Standard Program
- ( ) Vocational Agricultural
- ( ) Special Education
- ( ) Board of Education
- ( ) Interdistrict Cooperative
- ( ) Interdistrict Magnet

Type of Project/Construction

[ ] Facility Purchase **(PF)**	File Schedule **1,2,3,4**
[ ] New Construction **(N)**	File Schedule **1,2,3,4,6**
[x] Extention of Facility **(E)**	File Schedule **1,2,3,4,6,8**
[x] Alteration of Existing Facility **(A)**	File Schedule **1,2,4,5,6,8**
[ ] Relocatable Classrooms **(RE)**	File Schedule **1,2,3,4,6,8**
[x] Roof Replacement **(RR)**	File Schedule **1,2,7**
[ ] Energy Conservation **(EC)**	File Schedule **1,2,3,4,6,8**
[ ] Code Violation **(CV)**	File Schedule **1,2,5**
[ ] Site Acquisition **(PS)**	File Schedule **1,2,3,4**
[ ] Vo-Ag Equipment pursuant to CGS Section 10-65 **(VE)**	File Schedule **1,2**
[x] Renovation pursuant to CGS Sec. 10-286 **(RN)**	File Schedule **1,2,3,4,5,6,7,8**
[ ] Indoor Air Quality **(IAQ)**	File Schedule **1,2,5**

Complete Schedule 9 if eligible for additional reimbursement as a:

☑	School Readiness Program pursuant to CGS Section 10-285a(e)	File Schedule **9**
☐	Lighthouse School pursuant to CGS Section 10-285a(f)	File Schedule **9**
☐	Interdistrict Attendance Program pursuant to CGS Section 10-285a(g)	File Schedule **9**
☐	Class Size Reduction Program pursuant to CGS Section 10-285a(h)	File Schedule **9**
☐	Full-Day Kindergarten Program Pursuant to CGS Section 10-285a(h)	File Schedule **9**

CERTIFICATION:*I hereby certify that the above referenced school district has been duly authorized in accordance with C.G.S. Section 10-283 to apply for and accept grants as provided in Chapter 173 of the Connecticut General Statutes and that all requirements of Section 10-287c-4 of the regulations of the state board of education pertaining to use of funds, maintaining of records and access thereto will be met.*

FORM ED049. Schedules
Status
State project #: 072-0091 Facility: Gallup Hill School

	Project Summary Info	**Complete**
	Schedule 1 - General Project Data	**Complete**
	Schedule 2 - Estimated Project Costs and Financing	**Complete**
	Schedule 3 - Site and Facility Purchase	**Complete**
	Schedule 4 - Education Technology Infrastructure	**Complete**
	Schedule 5 - Codes	**Complete**
	Schedule 6 - Space Standards	**Complete**
	Schedule 7 - Roof Replacement	**Complete**
	Schedule 8 - Extension and Alteration Detail	**Complete**
	Schedule 9 - Supplemental Data	**Complete**
	Cost Analysis Worksheet	**Complete**

FORM ED049. Schedule 1
General Project Data
State project #: 072-0091 Facility: Gallup Hill School

a. Is this project in accordance with the district's long-term school building program established pursuant to CGS Section 10-220 ? ◉ Yes ○ No

Explain answer:

It part of the long term plan to combine out dated elementary schools into one school.

b. Does the district intend to continue using this facility for public educational purposes for the foreseeable future ? ◉ Yes ○ No

If 'NO', explain answer:

c. Check all applicable reasons for this project.

- ☐ **Increased facility enrollment due to general student population increases.**
- ☑ **Increased facility enrollment due to redistricting or regrading of facilities.**
- ☑ **Programmatic changes within the facility.**
- ☐ **Correction of code violations.**
- ☑ **Upgrade of facility due to general age and condition.**
- ☐ **Replacement of existing facility.**

Name of facility being replaced:

- ☑ **Upgrade of facility to current voice, data and video technology standards.**
- ☐ **Repair to facility for damages due to catastrophic loss(flood, fire, wind, etc.).**
- ☐ **Energy conservation (describe):**

Other(explain):

d. Within the 5 years prior to the date of this application, has the district abandoned, sold, leased, demolished or redirected the use of any school facility constructed or renovated with state assistance ? ○ Yes ◉ No

If 'YES', provide name of facility and brief details:

FORM ED049. Schedule 2
ESTIMATED PROJECT COSTS AND FINANCING

State project #: 072-0091 Facility: Gallup Hill School

A. Eligible Auditorium Seating Area:

a1.	Auditorium Seating Capacity	
a2.	Total Square Footage of Auditorium	
a3.	Square Footage of Seating Area	
a4.	Total Construction Cost of Auditorium (excluding seats and installation)	
a5.	Construction costs of seating area ((a3 / a2) x a4)	***$0***
a6.	Costs of Seats and Installation (not including item a4)	
a7.	**Total Cost of Auditorium Seating Area (a5 + a6):**	**$0**

B. PROJECT FINANCING:

	State School Construction Grant Payments (Progress Payments)	$17,882,565
	General Fund	$0
	Current Bonds/Notes	$0
	Future Bonds/Notes	$10,729,539
	Sub-Total General Fund/Bonding:	**$28,612,104**
	Rebates	$0
	Insurance Proceeds	$0

Federal/Other State Grants	$0
Other Financing Describe:	$0
Sub-Total Other Funding:	**$0**
Total Financing:	**$28,612,104**

C. ESTIMATED PROJECT COSTS:

ELIGIBLE COSTS	
Architectural Design	$1,212,788
Site Acquisition	$0
Facility Purchase	$0
Other Professional Fees	$2,476,110
Construction (fully eligible)	$23,839,812
Bonus Costs - School Readiness	$0
Bonus Costs - Full Day K/Class Size Reduction	$0
Equipment/Furnishings	$1,083,394
Eligible Costs SubTotal:	**$28,612,104**
LIMITED ELIGIBLE COSTS	
Outdoor Athletic Facilities And Tennis Courts	$0
Natatorium	$0
Eligible Auditorium Seating Area	$0
Eligible Gymnasium Seating Area	$0
Limited Eligible Costs SubTotal:	**$0**
INELIGIBLE COSTS	
Ineligible Site Acquisition Costs	$0
Ineligible Facility Purchase Price	$0
Ineligible Construction Costs	$0
Ineligible Bonus Costs - School Readiness	$0
Ineligible Bonus Costs - Full Day K/Class Size Reduction	$0
Unauthorized Cost Increase	$0
Contingency	$0
Other Ineligible Costs Describe:	$0
Ineligible Costs SubTotal:	**$0**
Total Estimated Project Costs:	**$28,612,104**

TOTAL PROJECT FINANCING MUST AGREE WITH TOTAL ESTIMATED PROJECT COSTS

FORM ED049. Schedule 3
SITE AND FACILITY PURCHASE
State project #: 072-0091 Facility: Gallup Hill School

Note: *The cost of purchasing a site or a building and site shall not be eligible for reimbursement unless the State Department of Education has inspected and authorized the use of the site or the building and site prior to review of final plans. No school building project for which state assistance is sought shall be undertaken except according to a plan and on a site approved by the State Department of Education, the town or regional board of education and by the building committee of such town or district.*

a. This project includes purchase of: (check all that apply)

☑ **No site or facility purchase**

☐ **Building** (Submit copies of two current independent appraisals)

☐ **Relocatable(s)** (If previously owned, submit copies of two current independent appraisals)

☐ **Site** (Submit copies of two current independent appraisals)

b. Number of acres owned for this facility prior to this purchase:

c. Number of acres purchased as part of this project:

d. Total acres after purchase (b + c):

FORM ED049. Schedule 4
EDUCATIONAL TECHNOLOGY INFRASTRUCTURE
State project #: 072-0091 Facility: Gallup Hill School

a. Does this project include educational technology enhancements for voice, data and video ? ☑

b. Are technology enhancements planned in accordance with the Guidelines for Technology Infrastructure in Connecticut Schools, published by the State Department of Education ? ☑

c. Indicate the extent of the educational technology infrastructure in the facility at completion of this project (check all that apply):

- ☑ **Entire Facility**
- ☐ **Student Support Areas**
- ☐ **Some Classrooms**
- ☐ **All Classrooms**
- ☐ **Media Center**
- ☐ **Computer Labs**
- ☐ **None of above**

d. If this project does not address the needs of educational technology, explain why not.

- ☐ **Already addressed by entire facility.**
- ☐ **Other(explain):**

FORM ED049. Schedule 5
CODES
State project #: 072-0091 Facility: Gallup Hill School

Indicate the codes being addressed by this project.
(Check all that apply)

- [x] **OSHA**

- [x] **ACCESS FOR PERSONS WITH DISABILITIES**
  - [ ] **Accessability to all programs**
  - [ ] **Limited Accessibility *(describe)***

- [x] **BUILDING**
  - [ ] **Building Area Limits**
  - [ ] **Seismic Analysis**
  - [ ] **Structural Load**
  - [ ] **Mixed Use**

- [x] **HEALTH**
  - [ ] **Asbestos**
  - [ ] **Toilet**
  - [ ] **Kitchen**
  - [ ] **Environment**

- [x] **FIRE**
  - [ ] **Sprinkler**
  - [ ] **Fire Alarm**
  - [ ] **HVAC**
  - [ ] **Electrical**
  - [ ] **Rating of Elements**
  - [ ] **Emergency Lighting**
  - [ ] **Rescue and Vent Windows**

- [ ] **Other (describe work not listed above):**

FORM ED049. Schedule 6
SPACE STANDARDS DATA
State project #: 072-0091 Facility: Gallup Hill School

a. YEAR OF ORIGINAL CONSTRUCTION (4 digit):	**1966**
b. Total facility floor area prior to this project:	**40,500 sq.f.**
c. Existing floor area which will be removed from service as part of this project:	**0 sq.f.**

d. Updated existing floor area (b-c):	**40,500 sq.f.**
e. New floor area to be added as part of this project:	**40,465 sq.f.**
f. Total facility floor area at the completion of this project:	**80,965 sq.f.**
g. Portion of the total facility floor area constructed prior to 1950 (square feet):	**0 sq.f.**
h. Highest projected enrollment for this facility during the 8 year period starting with the next October 1 following the date of this application:	**639**

i. Grades which will be housed in the facility during this 8-year projection period ***(check all that apply):***

☑ **Pre-K / Kindergarden**	☑ **Grade 1**	☑ **Grade 2**
☑ **Grade 3**	☑ **Grade 4**	☑ **Grade 5**
☐ **Grade 6**	☐ **Grade 7**	☐ **Grade 8**
☐ **Grade 9**	☐ **Grade 10**	☐ **Grade 11**
☐ **Grade 12**		

j. Space standard from Space Standard Worksheet: **98.91682 %**

SPACE STANDARDS WORKSHEET

State project #: 072-0091 Facility: Gallup Hill School

State Standard Space Specification Spreadsheet

Projected Enrollment	Grades												
	Pre-K and K	1	2	3	4	5	6	7	8	9	10	11	12
	Allowable Square Footage per Pupil												
0 - 350	124	124	124	124	124	156	156	180	180	180	194	194	194
351 - 750	120	120	120	120	120	152	152	176	176	176	190	190	190
751 - 1500	116	116	116	116	116	148	148	170	170	170	184	184	184
Over 1500	112	112	112	112	112	142	142	164	164	164	178	178	178

1. Under the column headed " Projected Enrollment ", find the range within which your school's highest projected 8-year enrollment (639) falls.

Selected grades	☑	☑	☑	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐
	120	120	120	120	120	152							

2. Using above figures, calculate Maximum Square Footage

2a. Total Square Footage (K thru 12):	**752 sq.f.**
2b. Number of Grades Housed:	**6**
2c. Average Square Footage (rounded):	**125 sq.f.**
2d. Highest Projected 8-year Enrollment:	**639**
2e. Maximum Square Footage (c x d):	**80,088 sq.f.**

3. Total Square Footage at Completion of Project:

3a. Existing area constructed pre-1950:	**0 sq.f.**
3b. Multiply "a." by 80%:	**0 sq.f.**
3c. Area at Completion of Project constructed in 1950 or later:	**80,965 sq.f.**
3d. Square Footage for Space Standards Computation (b + c):	**80,965 sq.f.**

If line 2(e) is greater than line 3(d), there is no grant reduction.

If line 3(d) is greater than line 2(e), divide 2(e) by 3(d). **99 %**

***This factor will be used to reduce total eligible costs because of space in excess of the maximum eligible for reimbursement.**
If a project exceeds the standards solely as the result of extraordinary programmatic requirements, the superintendent may submit a request to the commissioner for a waiver. A detailed list of space allocations for all extraordinary programs with explanations must be included with the request.

FORM ED049. Schedule 7
Roof Replacement
State project #: 072-0091 Facility: Gallup Hill School

a. Is this a vertical replacement (i.e. removal of all materials down to or including the deck before installation) of a whole roof? (see instructions)	(●) **Yes** ( ) **No**
b. Is this the only roof covering the entire facility?	(●) **Yes** ( ) **No**
c. Please complete to following section:	
What is the total roofing area of the facility?	**40,500 sq.f.**
To calculate information below, please complete the ROOF REPLACEMENT WORKSHEET	
Area of the roof being replaced:	40,500 sq.f.
Roofing area eligible for reimbursement:	40,500 sq.f.
Age of roof area being replaced (IF LESS THAN 15 YEARS OLD)	**21 years**

d. If whole or part of roof area being replaced, IF LESS THAN 15 YEARS OLD.

If roof area is less than **15** years old, BOTH certifications below MUST be signed for this project to be eligible for reimbursement

1. I hereby certify and attest that I have inspected said roof area and found it to be:

Improperly designed: ( ) **Yes** (●) **No**
Improperly contructed: ( ) **Yes** (●) **No**

2. I hereby certify and attest that the district has recovered damages in the amount of and is prohibited from recovery of further damages or has no other recourse at law or in equity.

Roof Replacement Worksheet

Check if Section is Improperly	Roof Section Designation	Square Footage of Roof	Age of Roof	Estimated Project	Estimated Ineligible	Reimb Rate

	Designed or Constructed	(if applicable)	Section	Section	Costs	Costs	Reduction
	☐		40,500	21	$1,035,100	$0	100 %
		Totals:	40,500 sq.f.	21	$1,035,100	$0	
		Total reimbursable area:	40,500 sq.f.				

FORM ED049. Schedule 8
EXTENSION AND ALTERATION DETAIL
State project #: 072-0091 Facility: Gallup Hill School

a. If additional floor space is being added, indicate each type by checking the boxes below.
For types not listed below click the 'Other' box and provide a description in the space provided

☑ Regular Instruction	☐ Computer Rooms	☐ Health	☐ Natatorium
☑ Special Education	☐ Industrial Arts	☐ Guidance Office	☐ Kitchen
☐ Science Labs	☑ Music	☐ Auditorium	☐ Cafeteria
☐ Media Center	☑ Physical Education	☐ School Administration	☐ Custodial
☐ Other			

Description:

If extension is a relocatable, check the applicable box:

☐ New (includes installation)	☐ Used (includes installation)	☐ Intradistrict (installation only)

b. Extent to which the existing area will be reconfigured as a result of this project

☐ Relocation of existing programs to newly constructed space. Describe programs being moved

☑ Change in the use of existing space.
Provide detail (e.g. regular ed classrooms converted to science lab; media center converted to special ed rooms.)

Gym converted to Kitchen and cafeteria. Regular ed classrooms converted to computer rooms, art room and special ed rooms. Teachers lounge converted to nurse's office. Regular ed classroom converted to teachers lounge.

FORM ED049. Schedule 9
Supplemental Data for School Building Projects Involving Bonus Programs Pursuant to C.G.S. Section 10-285a, subsections (e) through (h).
State project #: 072-0091 Facility: Gallup Hill School

☑ **School Readiness Program** (C.G.S. Section 10-285a(e))

Type of Project (Select One)	**Expansion**
Square Footage included in this project for a school readiness program	**9,184 sq.f.**
Eligible Project cost for a school readiness program	
Ineligible Project cost for a school readiness program	

☐ **Lighthouse School** (C.G.S. Section 10-285a(f))

Type of Project (Select One)	
Is this project necessary to convert the building for use as a lighthouse school pursuant to C.G.S. Section 10-266cc?	○ **Yes** ○ **No**
Eligible Project Cost for Light House school program	**$0**
Ineligible Project Cost for Light House school program	**$0**

☐ **Out-of-District Students (CHOICE)** (C.G.S. Section 10-285a(g))

Total number of spaces that will be made available at the completion of the proposed project	
Eligible Project Cost for CHOICE program	
Ineligible Project Cost for CHOICE program	

☐ **Full-Day Kindergarten or Reduced Class-Size** (C.G.S. Section 10-285a(h))

Is the school in a priority school district?	○ **Yes** ○ **No**
Is the school a priority school in a non-priority school district?	○ **Yes** ○ **No**
Is the project necessary in order to offer a full-day kindergarten?	○ **Yes** ○ **No**
Is the project necessary in order to reduce class size pursuant to C.G.S. Section 10-265f?	○ **Yes** ○ **No**
Square footage of the total project area	**sq.f.**
Square footage of area used primarily for such full-day kindergarten	**sq.f.**
Square footage of area used primarily for such reduced-size classes	**sq.f.**

Cost Estimating Worksheet (Part A)

FORM ED049. Cost Estimating Worksheet (Part A)

State project #: 072-0091 Facility: Gallup Hill School

Project Component	Project Cost	Square Feet	Cost per sq.ft.	NormRange Cost per sq.ft.
General Alterations				
Light	**$0**	**0**		$40 - 60
Medium	**$0**	**0**		$60 - 100
Heavy	**$0**	**0**		$100 - 160
Total est. cost of alterations:	**$0**			

Project	Project	Square	Cost	NormRange

Component	Cost	Feet	per sq.ft.	Cost per sq.ft.
Technology Infrastructure	$0	0		Standard Not Determined
Extension	$24,923,206	80,965	$308	$140 - 180
Energy Conservation	$0	0		Standard Not Determined
New	$0	0		$175 - 225
Relocatable Classrooms (Purchased)	$0	0		$80,000 per unit (installed)
Roof Replacement	$0	0		Standard Not Determined
Site Improvement	$0	0		Standard Not Determined
Furniture, Fixtures, & Equipment	$0	0		Standard Not Determined
Code Violation	$0	0		Standard Not Determined
Asbestos Abatement	$0	0		Standard Not Determined
Swing Space (Lease)	$0	0		$15/sq.ft. per year
SubTotal(A):	$24,923,206			
Facility or Site Purchase	$0	0		Based on appraisals

	Project Cost	% of Subtotal(A)	Norm Range % of Subtotal(A)
Project Management & Design Fees	$3,688,898	15%	15 - 20 %
Other	$0	0%	2 - 5 %
Total Est. Project Cost:	$28,612,104		

FORM ED049. Superintendant's Certification

State project #: 072-0091 Facility: Gallup Hill School

Superintendant's Certification

Please provide your initials in each input box next to each of the following statements acknowledging you are aware of each requirement as specified in Public Act 03-220. As applicable, support documentation will be required prior to SDE approval of the plans and specifications.

CP If the project is for the construction a new facility, an extension to an existing facility, the replacement of a building, the purchase of an existing facility, or for the full renovation of an existing facility, I understand that prior to the SDE approval of architectural plans, we must provide for a Phase I environmental site assessment in accordance with the American Society for Testing and Materials Standard #1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, or similar subsequent standard.

CP I understand that no architectural plan approval will be given for any project if the site of the facility is in an area of moderate or high radon potential, as indicated in the Department of Environmental Protection's Radon Potential Map, or similar subsequent publication, except where the school building project plan will incorporate construction techniques to mitigate radon levels in the air of the facility. The district will provide documentation indicating the level of radon potential at the applicable school prior to SDE approval of the plans and specifications.

CP If the plans incorporate new roof construction or the total replacement of an existing roof, the following must be met (to be included in the bid specification):

A. A minimum roof pitch of one-half inch per foot;

B. A minimum twenty-year unlimited manufacturer's guarantee for water tightness covering material and

workmanship on the entire roofing system;

C. The inclusion of vapor retarders, insulation, bitumen, felts, membranes, flashing, metals, decks and any other feature required by the roof design;

D. That all manufacturer's materials to be used in the roofing system are specified to meet the latest standards for individual components of the roofing systems of the American Society for Testing and Materials.

CP In the case of a major alteration, renovation or extension of a building to be used for public school purposes, the plans must incorporate the guidelines set forth in the Sheet Metal and Air Conditioning Contractors National Association's publication entitled "Indoor Air Quality Guidelines for Occupied Buildings Under Construction" or similar subsequent publication;

CP In the case of new construction, extension, renovation or replacement, the plans must include a plan that the building maintenance staff responsible for such facility are trained or are receiving training or that the applicant plans to provide training in the appropriate areas of plant operations including, but not limited to, heating, ventilation and air conditioning systems pursuant to section 7 of Public Act 03-220, with specific training relative to indoor air quality.