

Local Education Agency Hamden Public Schools	State Project No. EstNum000065	Phase Schematic Design
School Hamden Middle School	Architect TSKP Studio	Date 04/23/2020

DAS - OFFICE OF SCHOOL CONSTRUCTION GRANTS & REVIEW (OSCG&R) PLAN REVIEW CHECKLIST

## CONCEPTUAL / SCHEMATIC DESIGN REVIEW (CR/SDR)

### FORM SCG-3001

- Submit this Checklist prior to or during Conceptual/Schematic Design review meeting
- Not all information is available for this checklist, some answers will be Unknown or N/A (Not Applicable)
- Status column (by SCG staff):   ✓ Discussed   ✗ Not Applicable to project

<b>BASIC PROJECT INFORMATION</b>			Status
	Discussion Item	Information to be provided	
01.	Name of School	Hamden Middle School	
02.	Project Grade Range [Pre-k~3, H.S., etc.]	6-8	
03.	Project Type [E/A, RNV, CV, etc.]	E/A	
04.	Proposed No. of Phases	1	
05.	Primary Reason for project	Adding 6th grade to Middle School	
06.	Current status of project	On priority list	
07.	Enrollment projection	1352	
08.	Reimbursement rate	67%	
09.	General overview	Small expansion and alteration	
<b>PROJECT RELATED ISSUES</b>			
10.	Primary stakeholders:	-	
	a. Architect of Record	TSKP Studio	
	b. CM [if known]	To be determined	
	c. Superintendent of Schools	Jody Goeler	
	d. Building Committee Chair	Michael Mendick	
11.	Site Owner, Building Owner:	-	
	a. Facility purchase	N/A	
	b. Lease agreements	N/A	
12.	Cost Estimate or Proposed Budget:	-	
	a. Original budget	\$11,223,900	
	b. Revised or current budget	\$11,223,900	
13.	Existing building information:	-	
	a. Current size	191,489 SF	
	b. Proposed size	216,845 SF	
	c. Date of original construction	2005	
	d. Date of additions – if any	N/A	
	e. Proposed extent of demolition	<\$10,000	
	f. No. of levels in existing and proposed building	3	

<b>GRANT RELATED ISSUES</b>		
14.	Grant Application FORM SCG-049 submission date:	06/18/2019
	a. Project duration to date	Grant request yet to be approved by Legislature
15.	Resolutions	Superintendent 5/22/19; Bldg. Comm. 5/22/2019
16.	Referendum	N/A
17.	Most recent state grant funding and project type	N/A
18.	Any or all other state grant funding	N/A
19.	Other grant funding sources or project funding	N/A
20.	Fees or project costs to date	N/A
21.	Full day kindergarten or school readiness bonus	None
22.	Space standards issues	None
<b>SITE RELATED ISSUES</b>		
23.	Size of site	78.6 acres
24.	Topography of site	-
25.	Wetlands or watercourses – if any	Yes
26.	U/G storage tanks	None
27.	Water Supply information:	RWA - Town of Hamden
	a. FORM SCG-5500: School Water System Evaluation	-
28.	Septic systems or sewage disposal issues	None, capacity to be confirmed by local authority
29.	Utility connections: [Gas, Water, Electric, Sewage, Data]	-
	a. Current locations and availability	No new utility runs
	b. Proposed locations and availability	N/A
30.	ADA compliance and accessible route issues	None
31.	No parking fire lane striping & signage requirements [Sign-off from fire marshal required at PCR meeting]	No change to existing striping
32.	Fencing	No change
33.	OAF: Ballfields, track, etc. - relocation or new	None
34.	Staging areas for contractors	To be provided
35.	Drainage and water retention	Replacement of SW routing under parking
36.	Playscapes	None
37.	Photo Voltaic [P/V] installations or proposals	No change to existing array
38.	Photometric information	N/A
39.	IWWC input or meeting dates / requirements:	To be determined
	a. 100 & 500 year floodplain issues	To be determined

40.	P&Z input or meeting dates / requirements	To be determined	
41.	Army Corp of engineers input or similar	none	
	<b>CONSTRUCTION RELATED ISSUES</b>	-	
42.	Proposed Construction Type [IIB, IIIB, etc.]	IIA	
43.	Size / SF of proposed additions	10,900 SF/25,400 SF	
44.	Fully Automatic Fire Suppression:	-	
	a. Current	Yes	
	b. Proposed	Yes	
	c. Sprinkler issues [Fire pump, stg tanks, city mains]	Extension of existing system on fire pump	
	d. FACP – location, expansion or replacement	Replacement	
45.	A/C proposed - extent	Full AC	
46.	ADA compliance issues	None	
47.	Vertical transportation or Elevators	New elevator in Addition	
48.	Mezzanines – existing or proposed	None	
49.	SSIC requirements: [meetings w/ police, fire, building committee, security vendors, etc.]	-	
	a. Current	none	
	b. Proposed	revised entrance lobby and sally-port	
50.	Emergency Shelter provisions	none	
51.	Heating source: [gas, fuel oil, dual fuel, other]	-	
	a. Boilers [Hydronic, Radiant floors, other]	Existing gas-fired to remain	
	b. RTU's, Split systems, Chilled Beams	Stand-alone, roof-top gas-fired units	
	c. Geo-thermal, other	None	
52.	Electrical systems:	Extension of existing service	
	a. Relocated service to building, or New service	UI	
	b. Supplier [U.I., Eversource, Other]	No change	
53.	Generator requirements	N/A	
54.	Locker replacement	New lockers to serve added 6th grade	
55.	Auditorium:	-	
	a. Stage or Platform	Existing to remain	
	b. Curtains or Proscenium	Existing to remain	
	c. Lighting	Existing to remain	
	d. Catwalks, sound booth and sound systems	Existing to remain	
56.	Gymnasium:	-	

	a. Floor material	Sports flooring	
	b. Seating	None	
57.	Courtyards, plazas or special features	N/A	
58.	Kitchen & Food Service issues / requirements:	-	
	a. Grease & Oil separator	Existing to be relocated	
	b. Culinary program issues	Expanded serving and seating	
	c. Venting and fire suppression	Existing to remain	
59.	Environmental Issues:	-	
	a. Phase I environmental assessment	N/A	
	b. Phase II / III environmental assessment	N/A	
60.	Other known or expected environmental issues	None	
61.	Radon testing or radon map evaluation	Passive radon system under slab	
62.	Asbestos - including classroom sink bowls	N/A	
63.	Lead	N/A	
64.	PCB's	N/A	
65.	Tunnels, Basements or Crawl Spaces	Partial lower level	
66.	Roof	Single-ply fully adhered membrane	
67.	Boiler rooms:	-	
	a. Existing to remain or new	Existing gas-fired boilers to remain	
	b. Other boiler room issues	Replace existing hot water pumps and VFDs	
<b>HIGH PERFORMANCE BUILDING (HPB) RELATED ISSUES</b>			
68.	Trigger for <a href="#">HPB</a> regulations for schools is the REIMBURSED CONSTRUCTION cost:	-	
	a. Important to know project reimbursement rate	-	
	b. Threshold for HPB requirements <b>for renovation [RNV]</b> status projects is \$2 million [\$2M] in total project cost and [\$2M] in reimbursed construction costs	-	
	c. Threshold for HPB requirements <b>for new construction [N]</b> status projects is \$5 million [\$5M] in total project cost and \$2 million [\$2M] in reimbursed construction costs	>\$2,000,000	
69.	<a href="#">HPB</a> regulations only in effect if the project:		
	a. Is classified as New [N] construction		
	b. Has achieved Renovate as New [RNV] status		
	c. Is classified as an Extension/Alteration [E/A] or Extension [E] project, and the portion of the total cost of construction for the Extension [E] is \$2 million or above in state reimbursement	>\$2,000,000	

70.	All HPB regulations are in effect and required EXCEPT for mandated energy improvements:	Yes, will be included	
	a. NOTE: <b>Projects that meet the 2012 building code meet the HPB energy requirements</b>	Yes, will be included	
	b. All of the point system requirements for HPB remain intact	Yes, will be included	
	c. Must meet the six [6] additional mandatory Building Project Requirements for Schools:	Yes, will be included	

**HIGH PERFORMANCE BUILDING REQUIREMENTS - EXAMPLES**

EXAMPLE No. 1:

- **E/A designation project, District has 26.5% reimbursement rate, \$18.5 M Total Project cost**
  - 42,000 SF existing building constructed 1965
  - Proposed demolition of a portion of the 1965 building is minimal at <1,000 SF
  - Proposed alterations (A) to the +/- 41,000 SF existing building to remain
  - Proposed extension (E) of 12,500 SF
  - +/- \$3 M Soft cost
  - +/- \$1 M Haz-mat abatement cost + demolition costs
  - +/- \$14.5 M Construction cost (includes all contingencies, but does not include abatement or demo costs)
  - Professional cost estimate developed indicates that **of the \$14.5 M construction cost:**
    - (A) alteration portion is \$9.5 M
    - (E) extension portion is \$5.0 M
    - **26.5% x \$5M = \$1,325,000 reimbursement (for extension portion)**
    - **\$1.325 M < \$2 M threshold**
    - **HPB not required for (E) extension**

EXAMPLE No. 2:

- **E/A designation project, District has 29% reimbursement rate, \$33 M Total Project cost**
  - 95,000 SF existing building constructed 1980
  - Proposed demolition of a portion of the 1980 building at +/- 10,000 SF
  - Proposed alterations (A) to the +/- 85,000 SF existing building to remain
  - Proposed extension (E) of 20,000 SF
  - +/- \$4.25 M Soft cost
  - +/- \$3 M Haz-mat abatement + demolition cost
  - +/- \$25.75 M Construction cost (includes all contingencies, but does not include abatement or demo costs)
  - Professional cost estimate developed indicates that **of the \$25.75 M construction cost:**
    - (A) alteration portion is \$18.625 M
    - (E) extension portion is \$7.125 M
    - **29% x \$7.125M = \$2,066,250 reimbursement (for extension portion)**
    - **\$2.066 M > \$2 M threshold**
    - **HPB required for (E) extension**

	Date	State Plan Reviewer
Date of Review:		
Date of next meeting:		
Date Accepted:		

	Date	State Plan Reviewer
Data Entered into State Grant Management System:		
Data Entered into Conceptual/Schematic Design log:		