



## Susitna Valley School Replacement

### Design Committee

### Meetings #4 & #5

**TIME/DATE:** October 18 & 19, 2007

**LOCATION:** Baptist Church

**PREPARED BY:** Michael Carlson

**ATTENDEES:**

Michael Carlson, AIA	McCool Carlson Green – Principal Architect
Bob Bechtold	MSB Project Manager
Bill Cheeseman	MSBSD Transportation Dept. – Supervisor
Ray DePriest	MSBSD Career Tech Ed – Director
John Weetman	MSBSD Federal Programs - Director
Tim Anderson	MSBSD MIS Director
Deb Griffin	MSBSD MIS Dept
Linda Schwankl	MSBSD Maintenance Dept
Matt Clark	Su Valley Jr/Sr High – Principal
Virginia Robson	Su Valley Jr/Sr High – Secretary
Gayne Turner	Su Valley Librarian
Lisa Drumm	Su Valley Jr/Sr High – Teacher
Steve Harrison	Su Valley Jr/Sr High – PE Teacher
Shauna Kron	Su Valley Music Teacher
Sandra White	Su Valley Jr/Sr High – Alumni
Jody Fitzgerald	Community Member
Jenny Krepel	Parent
Deb Maynard	Parent

The purpose of these meeting notes is to help document Design Committee input.

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- I) Meeting synopsis: The committee reviewed and refined building organization diagrams and program area summary followed by focus groups for each program category
  - II) BDC 4: Building Area Spreadsheet & Diagrams(10/18, 9:30 am)
    1. Bob Bechtold announced that our target gross area can be increased to 50,750 sf based on updated calculations of the area of the old school. Verification needs to happen with the State DEED and the insurance company.
    2. Numerous adjustments were made to the spreadsheet.

3. Alternative diagrams were explored for all areas of the program. The focus was on increasing utilization and flexibility of spaces.

III) Focus Groups (10/18, 1:00 pm)

1. Small groups met to review detailed space requirements for each program category.
2. Many adjustments were made to be reviewed at the next focus group meetings November 13.

IV) Community Meeting (10/18, 6:00 pm)

1. A general overview of the process was presented including scope, schedule and participants.
2. Comments/Questions received include:
  - A. Interest in including a pool in the master plan
  - B. Interest in pursuing wood head and other sustainable building ideas
  - C. Interest in including support for performing arts and athletic programs
  - D. A plan for a dream ski shed was provided by a community member.
  - E. Artwork and aesthetics that reflect community values
3. 4 concept options were made available for review and discussion.

V) Student Workshops (10/19, 8:30 am)

1. The complete student body was engaged in 4 workshops soliciting their ideas on the learning signature and design of the new school
2. Final student drawings and ideas are due 10/30/07.

VI) BDC 5 (10/19, 10:30 am)

1. Participants broke up into 4 small groups and explored the idea of a Learning Signature for the new school. 4 presentations were given with many common threads. Results will be reviewed at the October 30 meeting.

2. An overview presentation of the 1% Art program was given. Next steps are the formation of an art committee by the art program administrator (Anchorage Museum).
3. Bob Bechtold requested an accounting of the artwork lost in the fire for insurance purposes.
4. The space program spreadsheet was reviewed and refined again. A copy of the resulting program is attached.
5. Concept site plan was presented and deemed suitable with the following considerations:
  - A. Site parking numbers are marginally adequate and should be increased if possible.
  - B. Staff needs plug-ins at their spaces due to extended low temperatures in the area.
  - C. Include a sidewalk or pathway from the highway to the school. Verify the location of new crossing light and coordinate.
6. 4 Concept plans were reviewed. Two updated plans (a 1 and 2 story scheme) will be presented at the next meeting using the best ideas including:
  - A. Flexible MPR, stage, music & library (A)
  - B. South facing classrooms or clerestory lighting that admits south sun into classrooms (B)
  - C. Student services space integrated with classrooms (B)
  - D. Use curves and angles to enhance aesthetics and create more interesting learning spaces (B)
  - E. Integrate labs with classrooms (B)
  - F. Create more collaboration spaces close to classrooms (B & D)
  - G. Good supervision from reception desk (B)
  - H. 2 story schemes enhance views, spatial variety and light (C & D)
  - I. Exterior views for Library (C)
  - J. Consider flipping the plan so the Gym I closer to the fields (D)

- K. Reconcile classroom arrangement on top of Shop (D)
- L. Openness of MPR at entry creates dramatic effect (D)
- M. PE plans on using extended track during school hours. Consider circulation and acoustical conflicts.

DRAFT

# Susitna Valley Jr/Sr High School

Space Requirements: **UPDATED 10/19/07**

Planned student enrollment is 225 Students, Grades 7-12

Target GSF = 50,750

226 SF per Student

37,125 = DEED "allowable" area = 165 sf/student

## I. ACADEMICS

Name/Type of Space:	2007 Spaces			Students	DESIGN Capacity
	Quantity	Area Each	Area Sub-Total		
1.01 General Classrooms	4	800	3,200	24	96
1.02 Teaming Classrooms	2	600	1,200	24	48
1.03 Resource/IR Classroom	2	400	800		-
1.04 Small Group / Flex Rooms	2	200	400		-
1.05 Computer Lab	2	800	1,600		-
1.06 Science Lab	1	1,100	1,100	24	24
1.07 Science/Art/Project Lab	1	1,200	1,200	24	24
1.08 Applied Learning - Shops	1	2,800	2,800	24	24
1.09 Transaction / Storefront	2	150	300		-
1.10 Storage/Prep (shared)	3	150	450		-
1.11 Student Lockers	230	1.6	368		-
1.12 General Storage	2	180	360		-
<b>Sub-Total:</b>			<b>13,778</b>		<b>216</b>

able to open to one large space  
 SpEd Pull-out (AP, Title I, remediation, etc.)  
 SpEd, small groups, itinerant, tutoring, speech, etc.  
 computers, business, cadd, graphics, etc.  
 include additional space for art supply & projects storage.  
 woods, welding, engines, forestry,  
 uses: spirit store, concession, bank, copy center, etc

## II. MEDIA CENTER CAFÉ

Name/Type of Space:	2007 Spaces			Students
	Quantity	Area Each	Area Sub-Total	
2.01 Media Center	1	1,600	1,600	
2.02 Library Lounge (comfy, hangout, reading)	1	800	800	
2.03 Café Commons	1	1,600	1,600	213
2.04 Table & Chair Storage	1	200	200	
2.05 Library Office	1	120	120	
2.06 Library Work Room	1	180	180	
2.07 Professional library/Teacher center	1	200	200	
2.08 Library Computer Area	1	300	300	
2.09 Small Group Space	2	120	240	
2.10 Technology Repair/Support	1	120	120	

include media racks/server  
 10-12 computers  
 movable wall between  
 could be combined w/telecom?

# Susitna Valley Jr/Sr High School

Space Requirements: **UPDATED 10/19/07**

2.11	Book Sets Storage	1	100	100			
2.12	Culinary/Kitchenette	1	120	120			rolling door to café commons
<b>Sub-Total:</b>				<b>5,580</b>		0	Previous library was 3,500 Sf

## III. PERFORMING ARTS

Name/Type of Space:	2007 Spaces					
	Quantity	Area Each	Area Sub-Total			
3.01 Music Room	1	1,200	1,200	24	24	adjacent/openable to stage
3.02 Practice/Recording Rooms	2	80	160			
3.03 Performance Space (stage)	1	600	600			near locker rooms (dressing)
3.04 Control Room	1	100	100			
3.05 Instrument Storage	1	200	200			same climate control needs
3.06 Prop/Scene/Costume Storage	1	200	200			open to stage, some lockable storage
3.07 Music office	1	100	100			
<b>Sub-Total:</b>				<b>2,560</b>	24	

## IV. PHYSICAL EDUCATION

Name/Type of Space:	2007 Spaces					
	Quantity	Area Each	Area Sub-Total			
4.01 Gymnasium / Indoor Track	1	8,000	8,000	24	24	= 80' x 100'
Concessions	0	0	0			use "transaction" space
4.02 Weight Room	1	800	800		0	
4.03 Training Room (w/laundry)	1	160	160			
4.04 Lockers/Toilets & Showers	2	600	1,200			
4.05 PE Office	1	100	100			
4.06 Staff Lockers/Showers	2	120	240			supervision of locker rooms
4.07 PE Storage	1	300	300			
4.08 Arctic Vestibule	1	200	200			
4.09 Indoor Pool			0			optional additional - TBD
<b>Sub-Total:</b>				<b>11,000</b>	24	

# Susitna Valley Jr/Sr High School

Space Requirements: **UPDATED 10/19/07**

## V. STUDENT SUPPORT SERVICES

Name/Type of Space:	2007 Spaces			DESIGN	Enrollment	
	Quantity	Area Each	Area Sub-Total	Students	Capacity	
5.01 Self Contained Classroom	1	400	400	10	10	2.5 sped positions
5.02 Restroom/Changing Room	1	80	80		-	dividable. near drop-off, nurse, include hoist & ceiling grid for swing
5.03 Shared Kitchenette	1	60	60		-	include hoist, changing table, no shower if shower in nurse
5.04 Recovery Room	1	60	60		-	small fridge, microwave, sink
5.05 Special Ed Office	1	120	120		-	
5.06 Special Ed Storage	1	160	160		-	
5.07 Early Childhood Support	1	1,200			-	optional additional - TBD
Sub-Total:			880		10	

## VI. ADMINISTRATION

Name/Type of Space:	2007 Spaces					
	Quantity	Area Each	Area Sub-Total			
6.01 Reception/Waiting Area	1	280	280			Registrar
6.02 Principal	1	160	160			
6.03 Administration Secretary	1	120	120			
6.04 Counselor Office	1	120	120			access to records, need privacy, visibility to career center
6.05 Conference room/Career Center	1	120	120			Visibility Prominence also conference room, testing
6.06 Activities Director	1	120	120			
6.07 Records Room/Vault	1	60	60			
6.08 Staff Lounge / Mailroom	1	500	500			includes mailroom
6.09 Storage	1	150	150			
6.10 Staff Toilets	2	50	-			gross area
6.11 Itinerant Office	1	120	120			
6.12 Nurse Office & Cot Area	1	250	250			
Shared restroom w/shower						
Sub-Total:			2,000		0	

# Susitna Valley Jr/Sr High School

Space Requirements: **UPDATED 10/19/07**

## VII. FOOD SERVICES

breakfast & lunch

Name/Type of Space:	2007 Spaces			
	Quantity	Area Each	Area Sub-Total	
7.01 Food Services Kitchen	1	350	350	
7.02 Kitchen Storage	1	100	100	
7.03			0	
7.04			0	
Sub-Total:			<b>450</b>	0

VERIFY

possibly adjacent to culinary/concession space

## VIII. BUILDING SERVICES

Name/Type of Space:	2007 Spaces			ESTIMATED	
	Quantity	Area Each	Area Sub-Total		
8.01 Student/Public Toilets	4				
8.02 Receiving	1				
8.03 Custodial Office/Workroom	1				
8.04 Custodial Closets/Storage	2				
8.05 Boiler Room	1				
8.06 Fan Room	1				
8.07 Electrical Room	1				
8.08 Generator Enclosure	1				
8.09 Main Distribution Frame	1				
8.10 Intermediate Dist. Frame	2				
8.11 General Storage	1				
8.12 Circulation	1				
8.13 Outdoor Storage	1				
8.14 Structure/Enclosure	1				
Sub-Total:			<b>14,499</b>	0	

Separate out building

racks perpendicular to wall - walk around 3 sides

300' distance tolerance

Separate out building

	Grossing Factor	Square Feet	Utilization	Capacity
<b>GROSS BUILDING AREA:</b>	1.40	<b>50,747</b>	0.83	<b>227</b>

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Total student "seats" = 274