

Belmont High School Building Committee BHSBC

Community Update



OCTOBER 28, 2017

 BELMONT HIGH SCHOOL
MARAUDERS

AGENDA

- Project background
- Guiding Thoughts
- Existing High School Conditions
- Grade Configurations
- Educational Opportunities
- Traffic Conditions
- Preliminary Site Designs

- **Questions and Comments**

**PROJECT
BACKGROUND**



FINANCIAL OPPORTUNITY

**\$50+ million Grant
from the State**

Tried for 10+ years

Opportunity is now

Likely not available for another 10+ years

SCHEDULE

Milestone	Timeline
Evaluate Design Solutions	Now
Configuration Decision	February 2018
Final Schematic Design	July 2018
Funding Decision	November 2018 or April 2019
Detailed Design	1 year
Construction	2-3 years

COMMUNITY PARTICIPATION

Live Discussions

- October 28
- December 12
- January TBA

Online Survey

- Can't come to a meeting?
- Have a lot to say?

We want your comments!

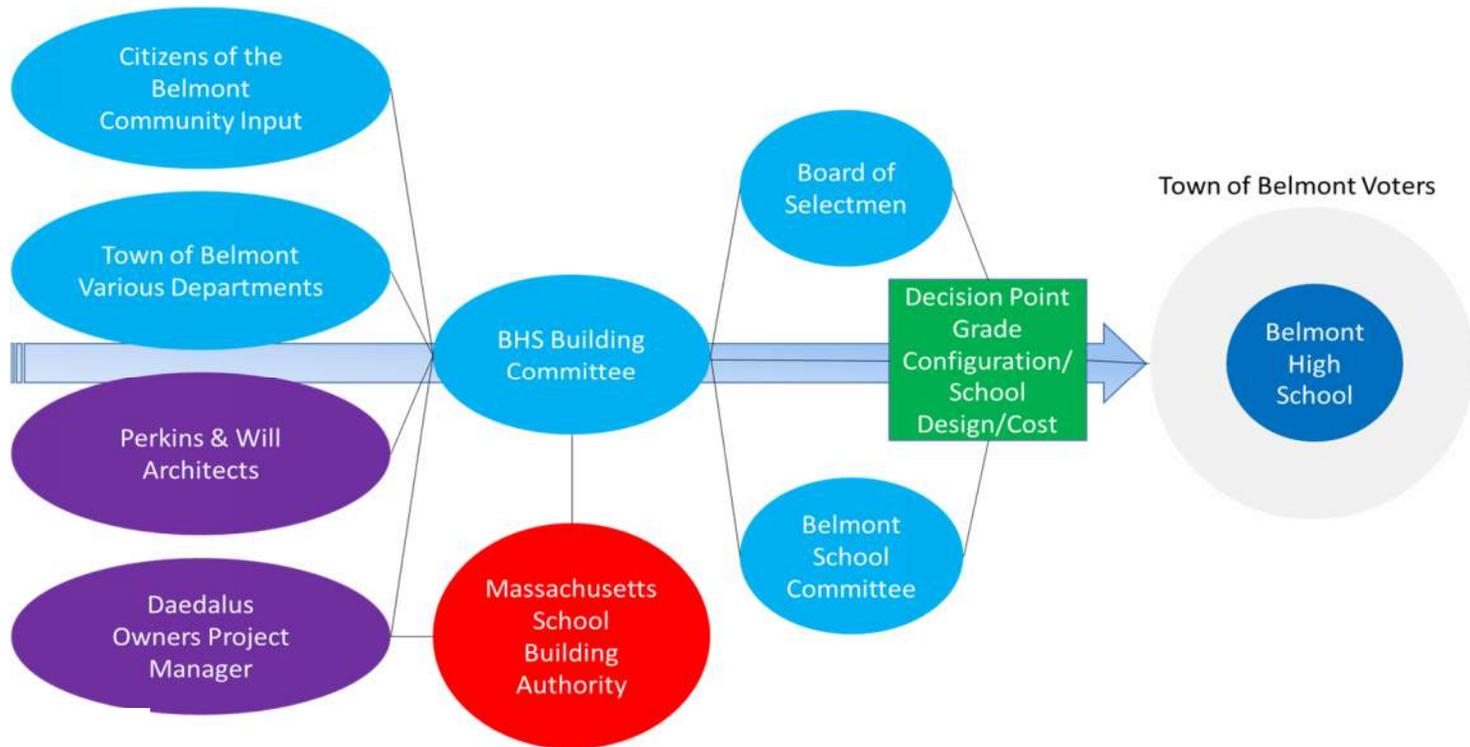
PROJECT UPDATES



To sign up for email updates and to learn more about the Belmont High School Building Project, including project timelines, videos, meeting schedules, and presentations, visit the BHSBP website:

www.belmonthighschoolproject.org

DECISION TREE



**GUIDING
THOUGHTS**



THE ROLE OF SCHOOLS

To prepare children for their
future jobs and lives

*60% of kindergarteners will hold jobs
that don't exist today*

THE FUTURE OF WORK

In a 2017 study by the National Association of Colleges and Employers (NACE), the top four skills that respondents want to see in college students and employers were:

1. Teamwork/Collaboration
2. Communication (both Oral and Written)
3. Creative problem solving
4. Leadership

BELMONT PUBLIC SCHOOL'S VISION

BHS Grads:

Creative problem solvers
Critical thinkers
Effective communicators
Skilled collaborators



School:

Flexible
Fluid / Open
Inspiring

**EXISTING
HIGH SCHOOL
CONDITIONS**



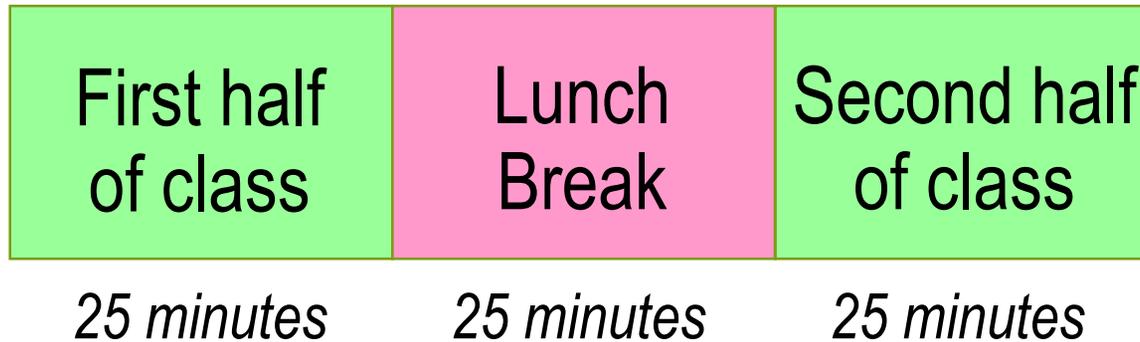
ENROLLMENT

12th grade = 280 students

3rd grade = 388 students

Growth district-wide exceeds 100 new students each year

WORKAROUND – SPLIT CLASSES



IMPACT ON TEACHING AND LEARNING

No flexibility for projects	No space for breakout groups
Too small for integrated classes	Can't circulate between desks

CROWDED CLASSROOMS

No room to move



BAND ROOM

Former garage



SCIENCE LABS

Not enough room for all kids at the lab tables



TUTORING IN A STORAGE CLOSET/ BREAK ROOM



KIDS IN THE HALLS

Free period Library full
No where to go



**FACILITIES ARE
OUTDATED, UNABLE TO
ADEQUATELY
ACCOMMODATE NEWER
TECHNOLOGY**



CLASSROOMS WITH ROWS OF IMMOBILE DESKS NOT CONDUCTIVE TO 21ST CENTURY LEARNING



PHYSICAL PLANT

Original systems =
End of useful life



PHYSICAL PLANT

Not ADA compliant

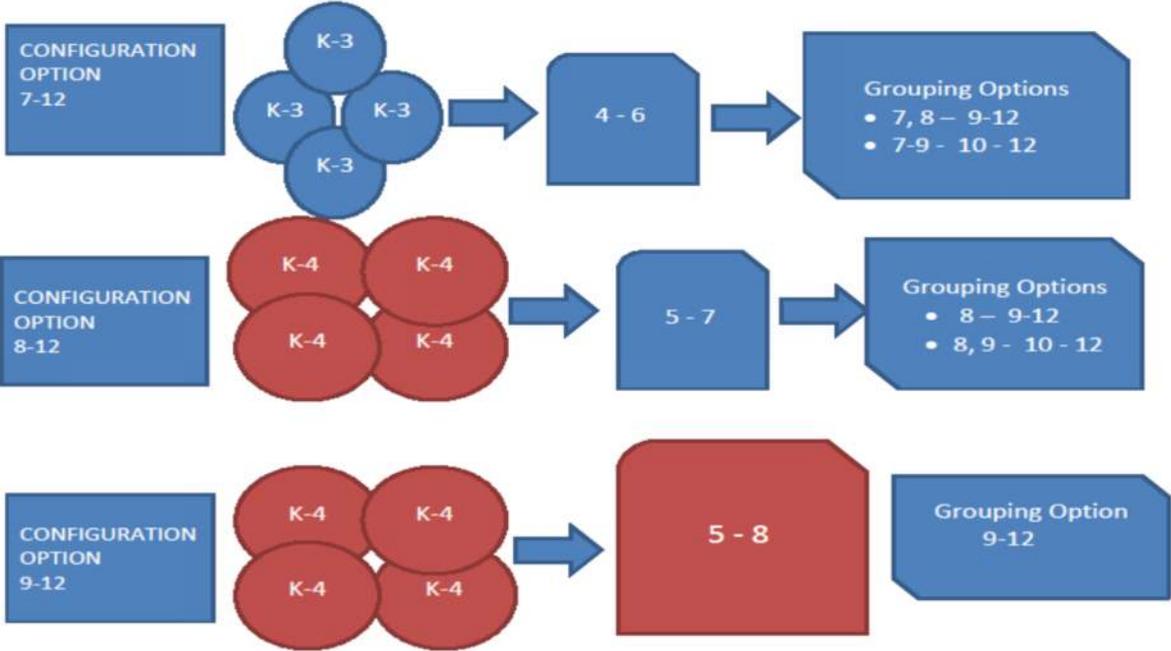
Motorized wheelchairs do not fit
in the elevator



GRADE CONFIGURATIONS



BELMONT PUBLIC SCHOOLS/ CONFIGURATIONS FLOW CHART



POSSIBILITIES – NO DECISIONS MADE!!!

Careful connections ... Thoughtful separations

Separate space

- Entrances
- Drop off
- Classroom wings
- Administration
- Nurse
- Cafeteria
- Etc.

Separate use Shared space

- Gym
- Theater
- Robotics lab
- Maker space
- Band
- Art
- Etc.

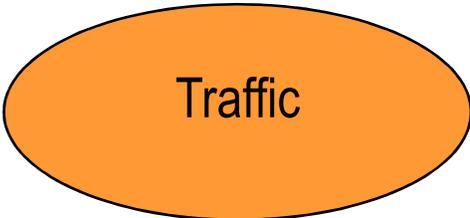
Separate use

- Library / learning commons
- Auditorium
- Etc.

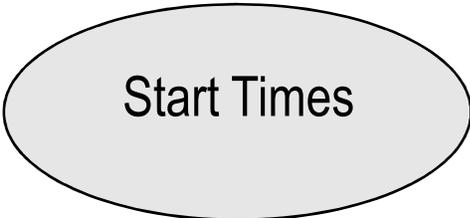
CONFIGURATION CONSIDERATIONS



Safety



Traffic



Start Times



Small Learning
Communities



Social &
Emotional



Educational
Opportunities

**EDUCATIONAL
OPPORTUNITIES**



BELMONT SCHOOLS OF THE FUTURE

School:



Educational Program:



PROJECT BASED LEARNING

Solving real world problems
Authentic
Motivating



INTEGRATED STUDIES

Multidiscipline

Real World Applications

Team Teaching

Greater sense of college
and career readiness

**Math
+ Art**

**Science
+ Math**

**Literature +
History**

**Math
+ History**

**Language+
History**

CROSS-AGE ACADEMIC OPPORTUNITIES

Mentoring

Greater civic
engagement

Distributed teaching and
learning



LIBRARY / LEARNING COMMONS

Flexible space

Flexible seating

Project teams

Quiet study

Different study styles



MAKER SPACE

- Flexible space
- Flexible seating
- Project teams
- Equipped



SCIENCE LABS

- Flexible space
- Flexible seating
- Project teams
- Equipped



ROBOTICS LABS

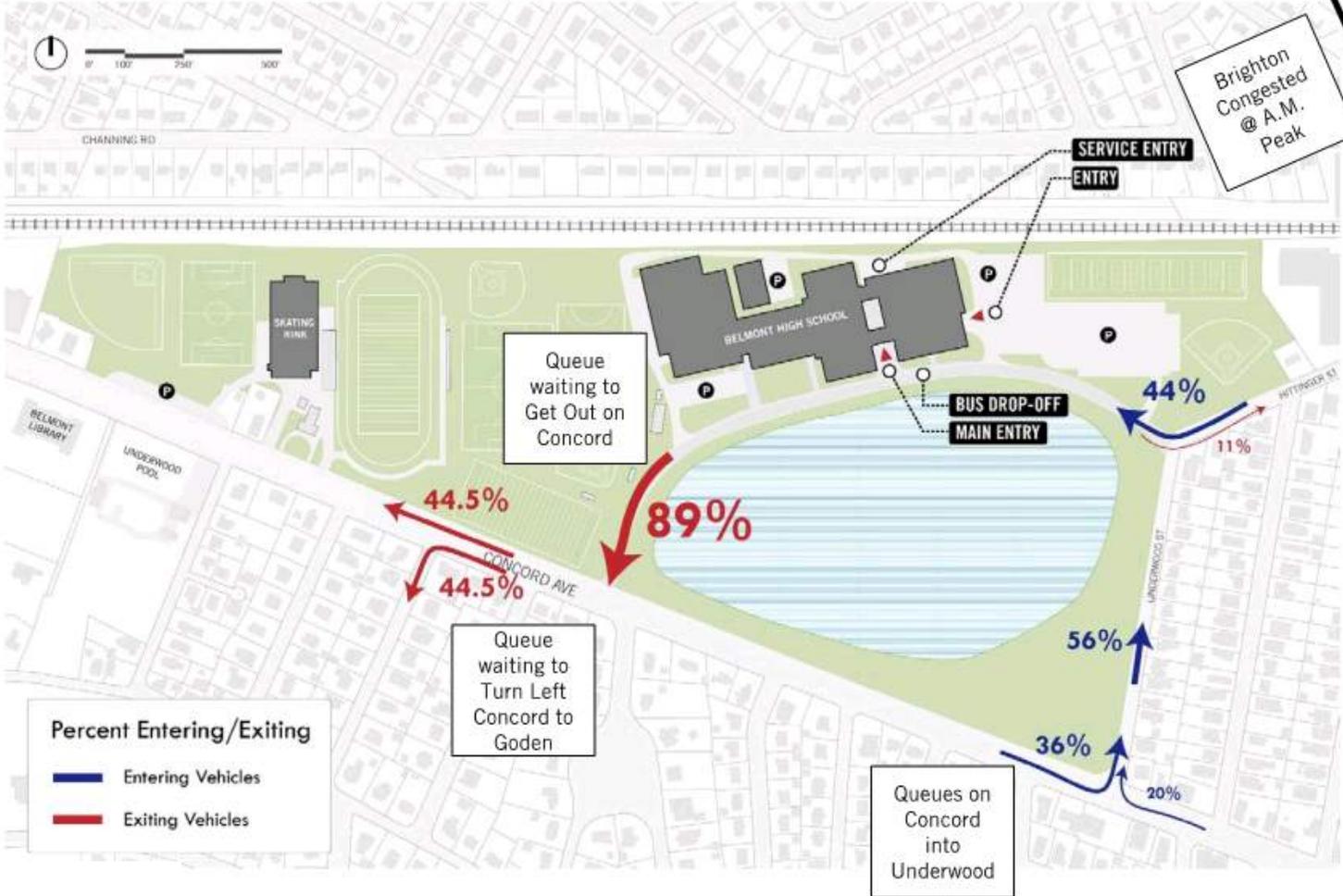
- Flexible space
- Flexible seating
- Project teams
- Equipped



**TRAFFIC
CONDITIONS**



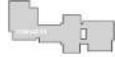
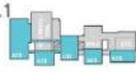
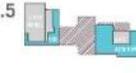
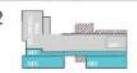
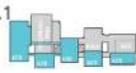
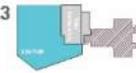
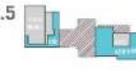
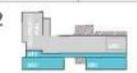
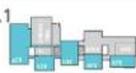
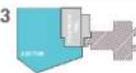
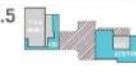
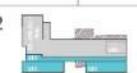
MORNING ACCESS DEMAND PATTERNS AND QUEUES



**PRELIMINARY SITE
DESIGNS**



BELMONT HIGH SCHOOL / PROPOSED BUILDING CONFIGURATION MATRIX

		1	2			3
		RENOVATION ONLY	RENOVATION + ADDITION			NEW CONSTRUCTION
A	GRADES 9-12 1,470 Students	 256,840 SF / EXISTING 310,000 SF+ / PROPOSED Does not satisfy program and desired capacity No educational program updates	A.2.1  MAJOR RENOVATION MINOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	A.2.3  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool	A.2.5  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	A.3.1  NEW CONSTRUCTION WEST SIDE OF BHS Demolition BHS, New Gymnasium and Auditorium, no Pool
			A.2.2  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	A.2.4  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool	A.3.2  NEW CONSTRUCTION WEST SIDE OF TRACK / FIELD Demolition BHS, New Gymnasium and Auditorium, no Pool	
B	GRADES 8-12 1,845 Students	 256,840 SF / EXISTING 360,000 SF+ / PROPOSED Does not satisfy program and desired capacity No educational program updates	B.2.1  MAJOR RENOVATION MINOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	B.2.3  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool	B.2.5  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	B.3.1  NEW CONSTRUCTION WEST SIDE OF BHS Demolition BHS, New Gymnasium and Auditorium, no Pool
			B.2.2  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	B.2.4  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool	B.3.2  NEW CONSTRUCTION WEST SIDE OF TRACK / FIELD Demolition BHS, New Gymnasium and Auditorium, no Pool	
C	GRADES 7-12 2,215 Students	 256,840 SF / EXISTING 410,000 SF+ / PROPOSED Does not satisfy program and desired capacity No educational program updates	C.2.1  MAJOR RENOVATION MINOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	C.2.3  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool	C.2.5  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	C.3.1  NEW CONSTRUCTION WEST SIDE OF BHS Demolition BHS, New Gymnasium and Auditorium, no Pool
			C.2.2  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium	C.2.4  MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool	C.3.2  NEW CONSTRUCTION WEST SIDE OF TRACK / FIELD Demolition BHS, New Gymnasium and Auditorium, no Pool	

NEW CONSTRUCTION-SINGLE PHASE

4 STORIES WITH RELOCATED RINK AND HARRIS FIELD



NEW CONSTRUCTION

4 STORIES / 2 PHASES



RENOVATION AND ADDITION

3 STORIES/ CONSTRUCTION OVER EXISTING / MULTIPLE PHASES



RENOVATION AND ADDITION

4 STORIES WITH PARTIAL DEMOLITION / MULTIPLE PHASES



RENOVATION AND ADDITION

4 STORIES WITH SEPARATE FIELD HOUSE / TWO PHASES



RENOVATION AND ADDITION

4 STORIES / SINGLE PHASE



RENOVATION AND ADDITION

4 STORIES / TWO PHASES



**BELMONT HIGH
SCHOOL BUILDING
COMMITTEE
BHSBC**

Questions and Comments



