

Saint Paul Public Schools

Designing for 21st Century Learning



Humboldt High School School Design Committee Workshop 1



CUNINGHAM
GROUP



WELCOME!



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Where are we?



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Facilities Master Plan



**“Plans are nothing;
planning is everything”**

-Dwight D. Eisenhower

- Provides roadmap for District to implement sustainable and responsive facility projects by:
 - Establishing district-wide baseline facility needs
 - Identifying facility gaps and inequities across district
 - Providing criteria to fulfill projects fairly and efficiently
 - Determining implementation priorities for construction projects



Facilities Master Plan - Planning Process

May – August 2014

May 2014 - December 2014

January – June 2015

June - December 2015

Steering Committee



Phase 1
Prepare to Inform



Data Collection and Evaluation

- Strong Schools, Strong Communities 2.0 (strategic plan)
- Enrollment and building capacities
- Demographic research
- Personalized Learning; Technology Plan
- Updated Educational Adequacy Assessment



Facilities Master Plan Committee

Phase 2
Consult > Involve



Establish District-wide Priorities, Baseline and Criteria

- Determine large-scale system priorities
- Audit each site facility gaps/needs (baseline)
- Determine facility improvement prioritization criteria
- Estimate improvements costs
- Funding recommendations

Phase 3
Involve > Collaborate



Develop Site-based Priorities and Plans

- Site and floor plan improvements and modifications
- Prioritized phasing of projects
- Estimated improvements costs
- Determine district's facilities governance committee structure

Phase 4
Inform



Finalize Plan and Share Results

- Inform stakeholders
- Convene district facilities governance committee
- Board of Education presentation

Collaborate

Inform

Facilities Master Plan



ACHIEVEMENT: School design and construction that meets the educational needs of our students.

ALIGNMENT: Funding sources, project planning, and process to provide equitable access to facilities funding across the district.

SUSTAINABILITY: Improved project efficiency and coordination leads to decreased costs.



FMP Video



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Transformation



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Transformation at Wellstone Elementary

(formerly Washington Technology Magnet)



Before



After



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School Design Committee

Responsible for shaping the work at **Humboldt High School**. Includes all stakeholders.

School Steering Committee

Responsible for guiding the overall process at Humboldt. Includes: the principal, district academic and facilities leadership, building engineer, a parent and a staff member,



DESIGN WITH, NOT FOR

Welcome to the design team!



**WORKSHOP
1**

**March 24, 2016
5-7pm**

GOAL

To orient the School Design Committee to their charge and the framework of the FMP to date including the Facilities Vision, Principles, Standards and the priorities and project scope identified for Humboldt High School.

ACTIVITIES

- Introduction to process and conceptual scope
- Small Group work on what's special about Humboldt High School



**WORKSHOP
2**

**April 21, 2016
5-7pm**

GOAL

To provide and explore examples of what learning environments could look like to support 21st century learning.

ACTIVITIES

- Introduction to what others are doing
- How do facilities impact learning?
- Small Group work



**WORKSHOP
3**

**April 28, 2016
5-7pm**

GOAL

Program and adjacency exploration/validation

ACTIVITIES

- Review of space, program and what's included
- Design thinking hands-on exercise
- Report back and next steps



**WORKSHOP
4**

**May 12, 2016
5-7pm**

GOAL

Conceptual Design Validation

ACTIVITIES

- Report back outcomes of Workshop 3
- Synthesis: Presentation of conceptual design
- Small Group discussion
- Report back and next steps

Highest Hopes

Please introduce yourself, your connection to Humboldt High School, and one idea that reflects your highest hope for this work.



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BEYOND 21st C. LEARNING

"If you're not prepared to be wrong, you'll never come up with anything original."

— SIR KEN ROBINSON

TED

FORCES OF CHANGE



FMP Vision Principles Standards



WHAT'S CHANGING



I SEE... WE SEE



Vision Statement:

Imagine every student inspired, challenged, and cared for by exceptional educators.

Imagine your family welcomed, respected and valued by exceptional schools.

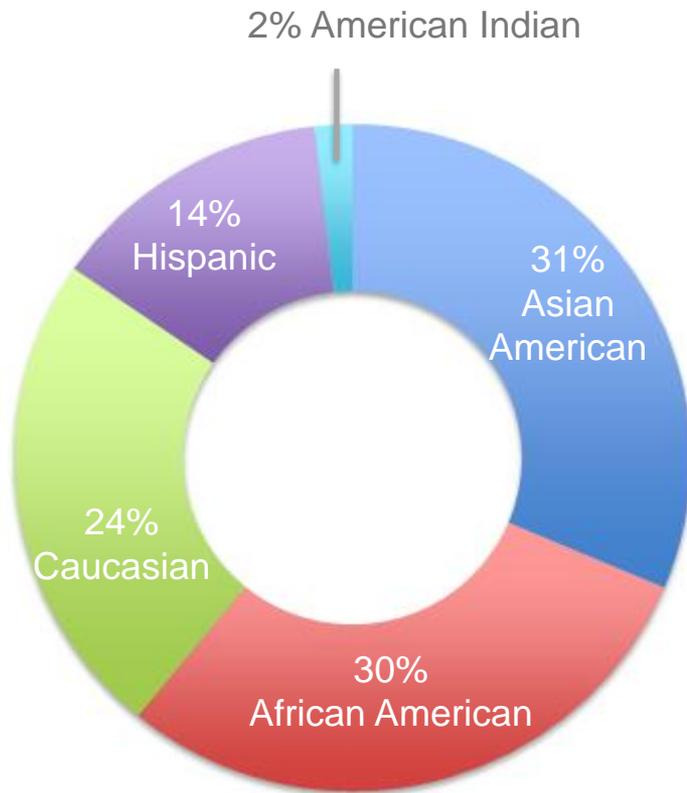
Imagine our community united, strengthened, and prepared for an exceptional future.

Saint Paul Public Schools:
 Where imagination meets destination.

Mission Statement:

To provide a premier education for all.

District-at-a-Glance



- Students speak **100+** languages and dialects
- **4,000*** students new to SPPS each year; 2,000* at the secondary level
- **17%** of students require **special education** services
- **73%** of students eligible for **free or reduced-price lunch**
- **2,000*** students experience **homelessness** during the school year

*Approximate numbers



Givens

- Kids and academics are at the center of the conversation
- Strong Schools Strong Communities 2.0
- Courageous Conversations Protocol & Racial Equity
- Grade Configurations Remain
- Attendance Boundaries – community schools with magnet options
- Strong Emphasis on Early Childhood
- Inclusion
- Safety & Security
- Community Use & Community Ed
- Sustainability



FACILITIES VISION STATEMENT

We envision versatile, equitable, healthy environments that balance the factors creating authentic, engaging, and personalized learning experiences to sustain our academic mission and deepen connections to our communities and world.



FACILITY PRINCIPLES:

Overarching beliefs and commitments to what's important for all Saint Paul Public Schools.



FACILITY STANDARDS:

Define consistency, value and quality across all Saint Paul Public Schools facilities as they are maintained, improved or built.





Provide a variety of sizes and layouts of learning space for different teaching and learning styles. Each school should have a variety of spaces to serve different purposes and group sizes, and that can be arranged in a variety of ways.

Varied Space



Create a clear, identifiable main entry with direct access to the main office. If students do not use this entry when they take buses, student entry to be identifiable and welcoming.

Clear Main Entry



Outdoor environments can add valuable space for learning, and help students make connections between their studies and the physical environment. Each site will strive to have at least three types of outdoor learning settings: gardens, small and large gathering spaces and outdoor "classrooms."

Outdoor Learning Settings



Rooms that house people should have windows for connection to the outside and for natural light. Designs must consider security and control of light, glare and heat gain/loss. Incorporate windows to other spaces for distribution of light and visual connections.



Daylighting and Views



Building design must be appropriate to the student age. Schools will recognize and respect their learners' physical, intellectual and emotional characteristics. Compliance with the ADA for both students and adults is critical.

Appropriately Scaled Space



A student's social development is part of their education and growth. The school facility will provide formal and informal spaces for class groups and students to gather, and to interact and study in safe, manageable forums.

Student Gathering Space



Design learning environments to address short and longer term modifications in response to educational program – hourly/daily and longer term/yearly changes in use.

Flexible/Adaptable Space



Provide space in each facility to support all students with special needs. Space is needed both to facilitate inclusion within the classroom and for special services in specific settings. Design an atmosphere conducive to learning, in or near other learning spaces, to meet the student's special physical, sensory, and emotional needs. Meet standards for other learning space (daylight, views, acoustics, etc.)

Specialized Services Space



What is special about Humboldt High School?



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STARTING POINT...phase 3



Humboldt High School School

30 Baker Street East

Project Summary:

Humboldt Secondary School houses students grades 6-12, and shares a site with Open World Learning. The main entry for Humboldt is neither clear nor welcoming. A new façade opens the face of the building up to the community. The link would function as a Community Digital Commons, a hub for career and technical education, but also serve as a flexible learning environment for Humboldt and Open World Learning. A Secure Vestibule and Front Office reconfiguration help support a secure entry sequence. The main floor addition and Classroom remodel provides a safe place for sixth and seventh grade students to learn. This contained environment is populated with General Classrooms, Art and Science Labs, Restrooms, Locker Commons, and Staff and Assistant Principal Offices. The upper floors support a similar learning philosophy. Enclosed Break-out spaces support dedicated General Classroom groupings. This configuration provides additional supervision and clear boundaries for students. Additional work includes renovating and reconfiguring the Art and F.A.C.S. Labs as well as the Industrial Tech shops. The Music Classroom will absorb nearby circulation space to accommodate program needs. The Media Center spaces will be remodeled and divided into a secure book zone and an open collaborative zone.



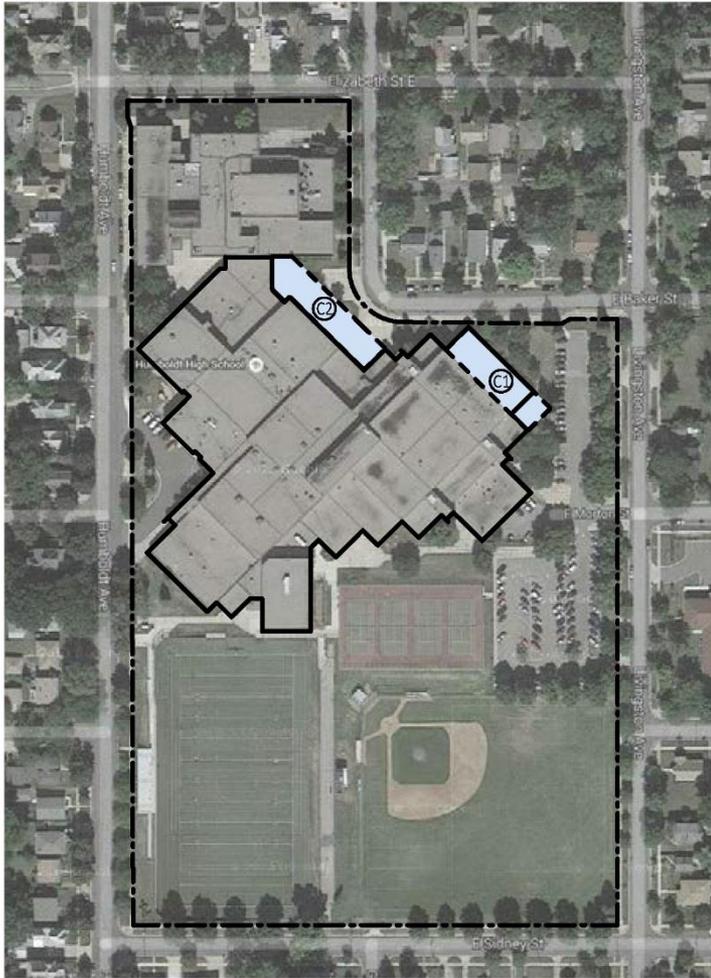
Top 10 Site Identified Priorities

1. Assembly Area for Grades 6-12
2. Need Individual Spaces Dedicated to Junior and Senior High
3. Natural Light
4. Welcoming Entry
5. Update Classrooms (Flexible, Larger, Program Specific)
6. Parking
7. Air Conditioning
8. Updated Restrooms
9. Specialized Learning Spaces (FACS, Agriculture, Medical, Etc.)

Grade Levels:	6-12
SY 2014/15 Enrollment:	1172
Design Enrollment:	1200

Humboldt High School School

Site Concept



Legend:

- C1. New two story classroom addition.
- C2. New one and half story community / career and technical training center.

- Property Line
- ▲ Main Entry
- ▲ Secondary Entry
- ▲ Service Entry

- New Landscape and Playground
- Parking and Hardscape
- New Building Construction



Humboldt High School School

Conceptual Utilization Plan



Main Level

Legend:

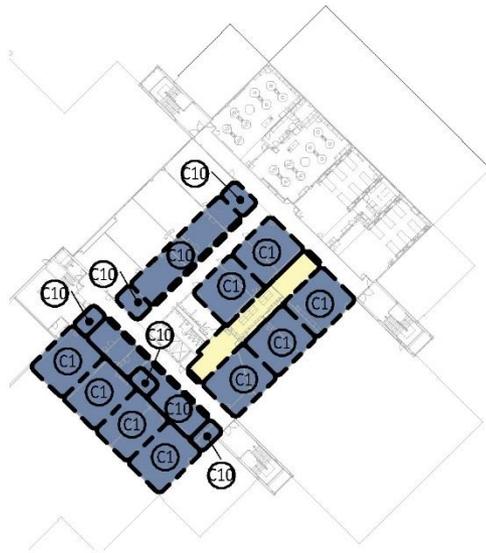
- C1. General Classrooms
- C2. Main office renovation
- C3. New secure vestibule.
- C4. Community Commons
- C5. Art lab renovation / reconfiguration.
- C6. Shop space renovation / reconfiguration.
- C7. Music room renovation / expansion.
- C8. Media center renovation / reconfiguration.
- C9. Break-out Area
- C10. Conference rooms/Pull-out rooms
- C11. Provide Flex Classroom
- C12. Admin. Office
- C13. Staff Collaboration Room
- C14. Restrooms
- C15. Science Classroom
- C16. Locker Bay

- General Learning
 - Science
 - Performing Arts
 - Career & Tech Education
 - Media Center
 - Dining
 - Athletics
 - Circulation
 - Facilities Support
 - Administration
 - Art
-
- Demolition / Removal
 - New / Existing
 - Property Line
 - Main Entry
 - Secondary Entry
 - Service Entry

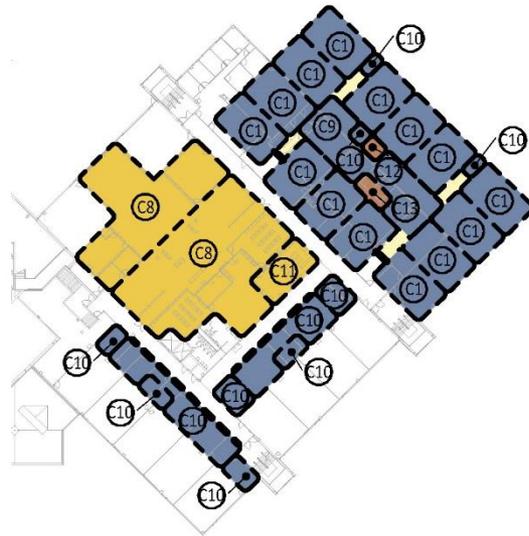


Humboldt High School School

Conceptual Utilization Plan



Third Level



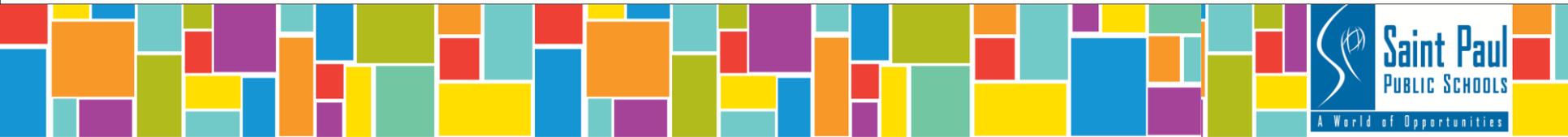
Second Level

Legend:

- C1. General Classrooms
- C2. Main office renovation
- C3. New secure vestibule.
- C4. Community Commons
- C5. Art lab renovation / reconfiguration.
- C6. Shop space renovation / reconfiguration.
- C7. Music room renovation / expansion.
- C8. Media center renovation / reconfiguration.
- C9. Break-out Area
- C10. Conference rooms/Pull-out rooms
- C11. Provide Flex Classroom
- C12. Admin. Office
- C13. Staff Collaboration Room
- C14. Restrooms
- C15. Science Classroom
- C16. Locker Bay

	General Learning
	Science
	Performing Arts
	Career & Tech Education
	Media Center
	Dining
	Athletics
	Circulation
	Facilities Support
	Administration
	Art

	Demolition / Removal
	New / Existing
	Property Line
	Main Entry
	Secondary Entry
	Service Entry



Humboldt High School School

Conceptual Construction Plan



Main Level

Scope Package	New Construction	Heavy Remodel	Medium Remodel	Light Remodel	Finishes Only
A	17,024 SF	0 SF	14,966 SF	0 SF	0 SF
B	0 SF	0 SF	8944 SF	0 SF	0 SF
C	0 SF	0 SF	11,329 SF	0 SF	0 SF
D	0 SF	0 SF	0 SF	0 SF	0 SF
TOTAL	17,024 SF	0 SF	35,239 SF	0 SF	0 SF

Line Items	Unit	Lump Sum

-  Demolition / Removal
-  New / Existing
-  New Construction
-  Heavy Remodel
-  Medium Remodel
-  Light Remodel
-  Finishes Only
-  No Work

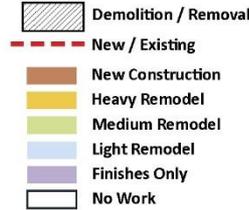


Humboldt High School School

Conceptual Construction Plan

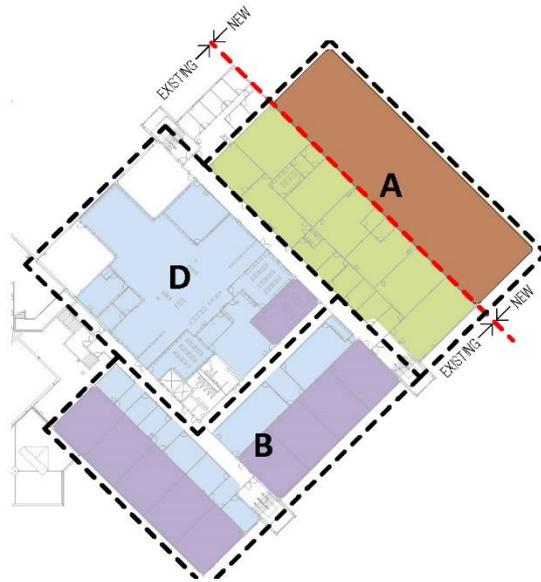


Third Level



Scope Package	New Construction	Heavy Remodel	Medium Remodel	Light Remodel	Finishes Only
A	0 SF	0 SF	0 SF	0 SF	0 SF
B	0 SF	0 SF	12,611 SF	0 SF	3218 SF
C	0 SF	0 SF	0 SF	0 SF	0 SF
D	0 SF	0 SF	0 SF	0 SF	0 SF
TOTAL	0 SF	0 SF	12,611 SF	0 SF	3218 SF

Line Items	Unit	Lump Sum



Second Level

Scope Package	New Construction	Heavy Remodel	Medium Remodel	Light Remodel	Finishes Only
A	7423 SF	0 SF	8080 SF	0 SF	0 SF
B	0 SF	0 SF	0 SF	3833 SF	7346 SF
C	0 SF	0 SF	0 SF	0 SF	0 SF
D	0 SF	0 SF	0 SF	8861 SF	714 SF
TOTAL	7423 SF	0 SF	8080 SF	12694 SF	8060 SF

Line Items	Unit	Lump Sum



SCHEDULE



Next Steps....

are we?

WORKSHOP 1

March 24, 2016
5-7pm

Committee to their charge and the framework of the FMP to date including the Facilities Vision, Principles, Standards and the priorities and project scope identified for Humboldt High School.

ACTIVITIES

- Introduction to process and conceptual scope
- Small Group work on what's special about Humboldt High School

Envisioning the Future

WORKSHOP 2

APRIL 21
5-7 pm

GOAL

To provide and explore examples of what learning environments could look like to support 21st century learning.

ACTIVITIES

- Introduction to what others are doing
- How do facilities impact learning?
- Small Group work

What Do We Want?

WORKSHOP 3

April 28, 2016
5-7pm

GOAL

Program and adjacency exploration/validation

ACTIVITIES

- Review of space, program and what's included
- Design thinking hands-on exercise
- Report back and next steps

Synthesis & Design Validation

WORKSHOP 4

May 12, 2016
5-7pm

GOAL

Conceptual Design Validation

ACTIVITIES

- Report back outcomes of Workshop 3
- Synthesis: Presentation of conceptual design
- Small Group discussion
- Report back and next steps

Resources

External: Food for Thought videos
examples found on
www.pinterest.com/meg0239

Internal: <http://www.spps.org/fmp>



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REFLECTIONS



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