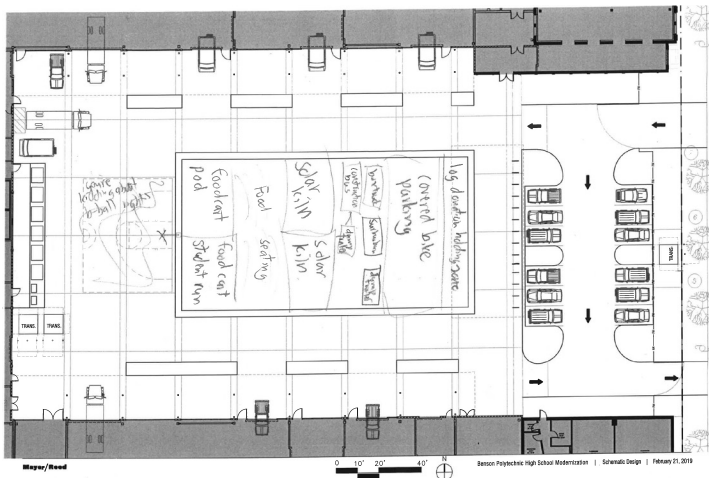
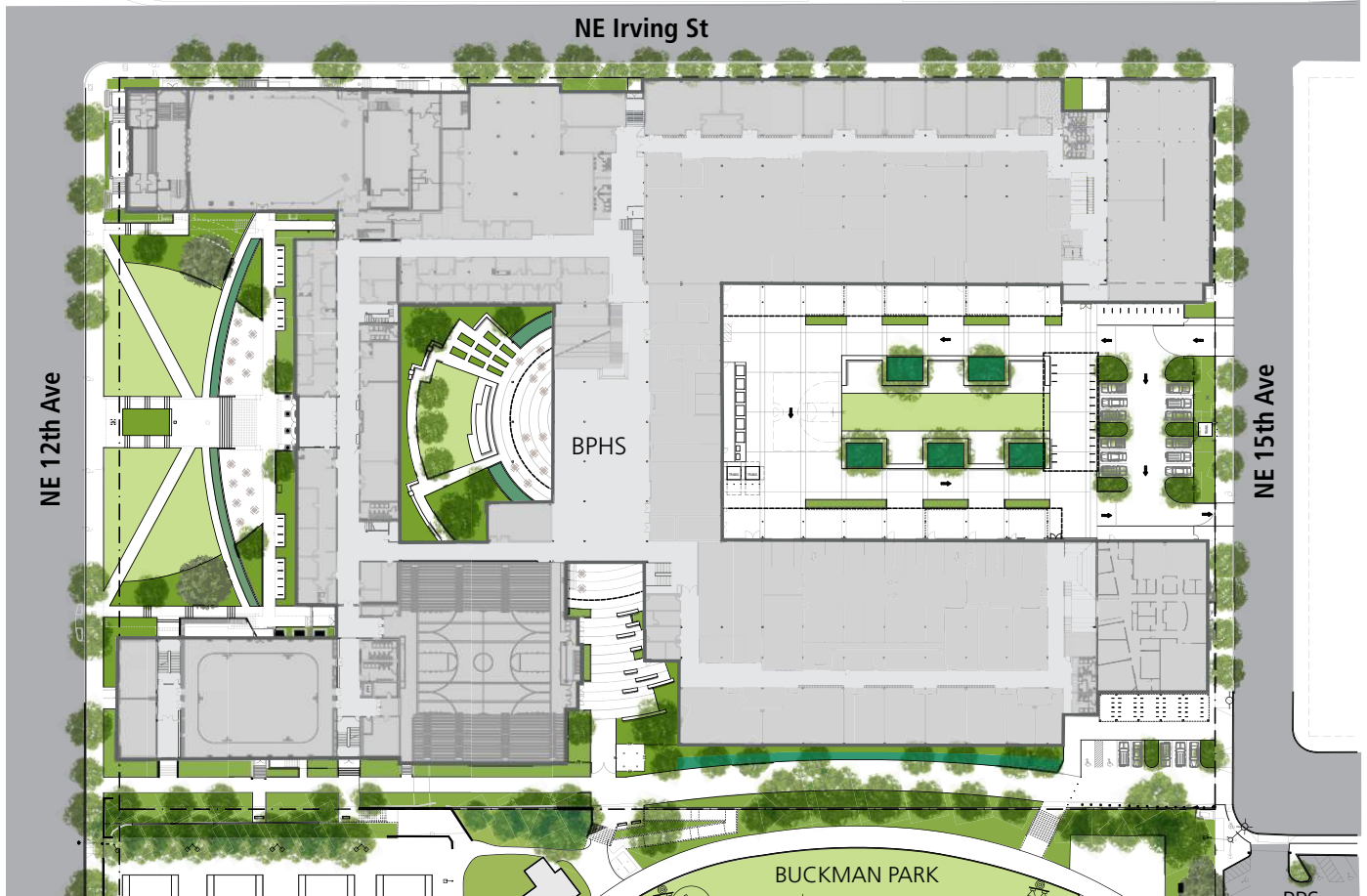


BENSON POLYTECHNIC HIGH SCHOOL

DESIGN ADVISORY GROUP SESSION #5

SUMMARY AND NOTES



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MEETING DETAILS

Meeting Location

Benson Polytechnic High School,
546 NE 12th Ave, Portland, OR 97232

Attendees

PORTLAND PUBLIC SCHOOLS (PPS):

Jen Sohm, Design Project Manager
Aurora Terry, Senior Director College & Career Readiness
Jeanne Yerkovich, Director of Career Technical Education
Laura Pierce-Cummings, PISA
David Holm, Night/Summer
Jamie Hurd, PPS Project Manager

DESIGN ADVISORY GROUP MEMBERS IN ATTENDANCE:

Curtis Wilson Jr., Principal
Paul Anthony, Board of Education
Glen Pak, DAG Co-Chair
Kailey Malynowski, Student DAG Co-Chair

Brian Gerber
Amy Henry
Tammy Hite
Luke Hotchkiss
Dave Ketah
Bryan Smith
Amy Sutton
Todd Williams

Janice Choy-Weber
Kevin Clark
Brent Dahl
Reuben Gilmore
Rob Johns
Peter Koonce
Elizabeth O'Malley
Matt Pellico
Brian Unflat

William Horner
Griffin Jackson
James Littrell
Adrian Sanchez-Ortiz

PUBLIC

Gary Hoachlands, ConnectED
Rob Alterburg, ConnectED
Henry Senters, Student

DESIGN TEAM

Lorne McConachie, Bassetti Architects
Joe Echeverri, Bassetti Architects
Aydin Ebran, Bassetti Architects
Betty Lou Poston, Bassetti Architects
Carol Mayer-Reed, Mayer/Reed
Anne Samuel, Mayer/Reed
James Voelckers, Mayer/Reed

Agenda

5:30 – 6:00	Arrival & Welcome
6:00 – 6:10	Subcommittee Follow-Up – Rob Johns
6:10 – 6:20	Project Tours – Roosevelt HS Franklin HS
6:20 – 6:50	Project Update – PPS Overview Feedback/Questions from DAG
6:50 – 7:00	Last DAG: Imagery Feedback
7:00 – 7:50	Site Design Update & Activity
7:50 – 8:00	Public Comment

SUB-COMMITTEE FOLLOW-UP

DAG Members were asked to place sticky notes of interests on the board - the results were:

- + Art Installation: Brian Gerber
- + Connecting to Benson History and Tools: Brian Gerber
- + CTE & Historical Context: Glen Pak
- + Health Sciences: Kevin Clark
- + Manufacturing: Kevin Clark
- + Aviation/Robotics: Kevin Clark
- + Automotive: Reuben Gilmore
- + Music/Band/Arts: Reuben Gilmore, Janice Choy-Weber, William Horner
- + Science Labs & Makerspace: Reuben Gilmore
- + Digital Media: Janice Choy-Weber
- + Environmental Conservation: Luke Hotchkiss
- + Auditorium: Rob Johns
- + Transportation Major: Rob Johns
- + Connecting the campus to the city - can we find creative ways to take advantage of the infrastructure of the city?
Ex. engineering, electrical, storm water = fluid dynamics physics: Peter Koonce
- + Architecture Major: William Horner
- + Student Perspective: William Horner

SITE TOURS

Roosevelt HS Observations:

- + Liked commons, theater and black box spaces
- + Small conference rooms didn't seem practical
- + More transparency would have been desirable
- + Science prep was very successful

Franklin HS Observations:

- + Training center was very interesting and applicable to Benson
- + Liked having culinary arts as an option
- + Makerspace was well located and well used. Felt like a University type setting.

General Notes:

- + Durability of finishes in all recent PPS projects a concern
- + Quantity of storage a general concern
- + Transparency at windows - many teachers covered up.

Upcoming Tours: CTEC, March 18
 PSU, April 9
 Faubion, TBD
 Marshall, TBD

PROJECT UPDATE

General:

- + CMGC selection process is underway. Team to be identified by end of April.

MPG Project Update:

- + New building on adjacent parking site being explored.
- + Many scenarios reviewed by board, selection made on preferred option Scenario 4B.
- + DAG expressed concerns over parking availability now that parking site will have a building.
- + The current thinking is that the building could be elevated to allow parking underneath, and that a structured parking option could be considered.
- + Traffic analysis study in process
- + Upgrades to lot would include utilities, landscape, etc.

Benson Masterplan Update:

- + Additional classrooms located around social courtyard per Scenario 4B, to make up for Pioneer, PISA being added to project.
- + Makerspace converted to 2 flexible classrooms
- + Teen parent located in MPG building, and taken out of Benson building.
- + Inspirational imagery from last DAG show a layered approach of new tech look merging with historic elements of the existing buildings.



SITE DESIGN UPDATE ACTIVITY

Anne Samuel of Mayer/Reed provided a synopsis of progress made since last site design DAG meeting. Key focus is on identifying best features and use of CTE courtyard.

The groups broke out for review of each site area. In the feedback loop, the following were DAG feedback:

General

There was significant outcry over loss of parking for staff, students and visitors. We acknowledged that this was a known issue and would be addressed as we progressed with the design. Still, there was general support for not turning the East Courtyard into a parking lot. They understood and supported the fact that there were more important programs for that space.

South Edge

Bike Parking:

- + Concern over making the covered bike parking also secured as it wouldn't be able to be used during non-school hours (park use, summer programs, etc.).
- + Could there be some bike parking closer to the tennis courts?
- + Repeat support for seating along the track edge was voiced again, even though it is far from the field of play for all sports.

East Courtyard

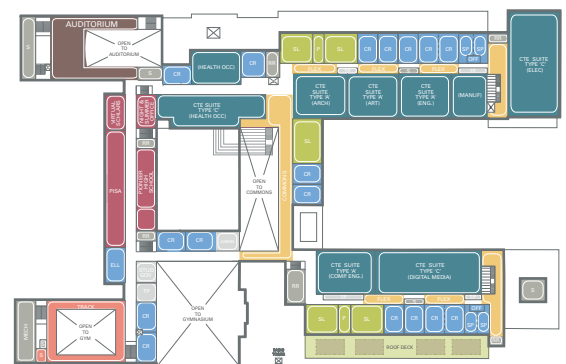
- + Nomenclature: "East" or "CTE"? A minority voiced desire to call it CTE even if used by the whole school. Unclear if this is the general sentiment.
- + Courtyard space must be flexible.
- + Different sized classes/groups of people
- + Changing programs, locations of programs
- + Support for collaborative spaces
- + Support for sustainable practices to have visible / functional space in the courtyard: storm water, solar / wind / human energy, passive heating / cooling

Construction:

- + Concerned that shown work/storage area is much too small. Should match existing square footage at the least.
- + Luke Hotchkiss (Construction Instructor) listed 4



UPDATED MASTER PLAN



UPPER LEVEL



GROUND LEVEL

vehicles that are associated with his program. Didn't like the idea of parking them in the large parking lot – lack of security, far away.

- + Hotchkiss provided a list and plan of possible elements to support his curriculum
- + Solar kiln: 6 ft x 14 ft x 10 ft tall. Could be in CTE courtyard or elsewhere. Needs solar access.
- + Public drop-off/storage location for logs. To be milled and kiln dried by students.
- + (2) 10 ft x 10 ft platforms, 10 ft min. space between them, for Technical Geometry class to build tiny houses.
- + Hotchkiss wanted kids out of the rain (covered area), but temperature control was not needed.

Automotive:

- + Support for display location for finished vehicle(s).
- + How much outdoor parking is needed for storing automotive program's vehicles?

Community Use:

- + Support for including community events taking place in this space. Are there any other similar spaces in the area? Rentable?
- + Mention that alumni events (picnic) could take place here.

Car Parking

- + Support for parking spaces reserved for visiting professionals.
- + Why does the south large vehicle loop leg "wobble" around the parking lot? Can't it go straight?
- + Include scooter / motorcycle parking?
- + Think about the future of transportation: When cars no longer needed, what does parking lot turn into?

Bike Parking

- + Support for covered secured bike parking
- + Solar on bike canopy to power electric bikes?

Security:

- + Perimeter: transparent so that community can see into the space, see what's going on.
- + Around work/storage areas: no comments received
- + Screening: screening needs to be balanced with keeping sight lines open. Teachers having eyes on the interior of the courtyard from their rooms.

Canopies:

- + At building: wanted columns removed so that there is greater flexibility in use against the building; ex) drive in and park parallel to wall.
- + Support for covered bike parking in courtyard. Could

it have solar panels? Eco-roof? Could panels power electricity in courtyard – educational component – outlets don't work if it's dark.

- + Technology: electrical outlets?

Geometry:

- + Response to diagram shown on plan:
- + Support for flipping the outdoor classrooms so that they are accessed from the building side.
- + Support for providing more north south connection.
- + Skateboard proof – more curvilinear? No long straight stretches.
- + Support for more organic, less rigid, overlapping
- + Support for overlapping circles geometry – different sized spaces / aspects / microclimates

Health and Movement:

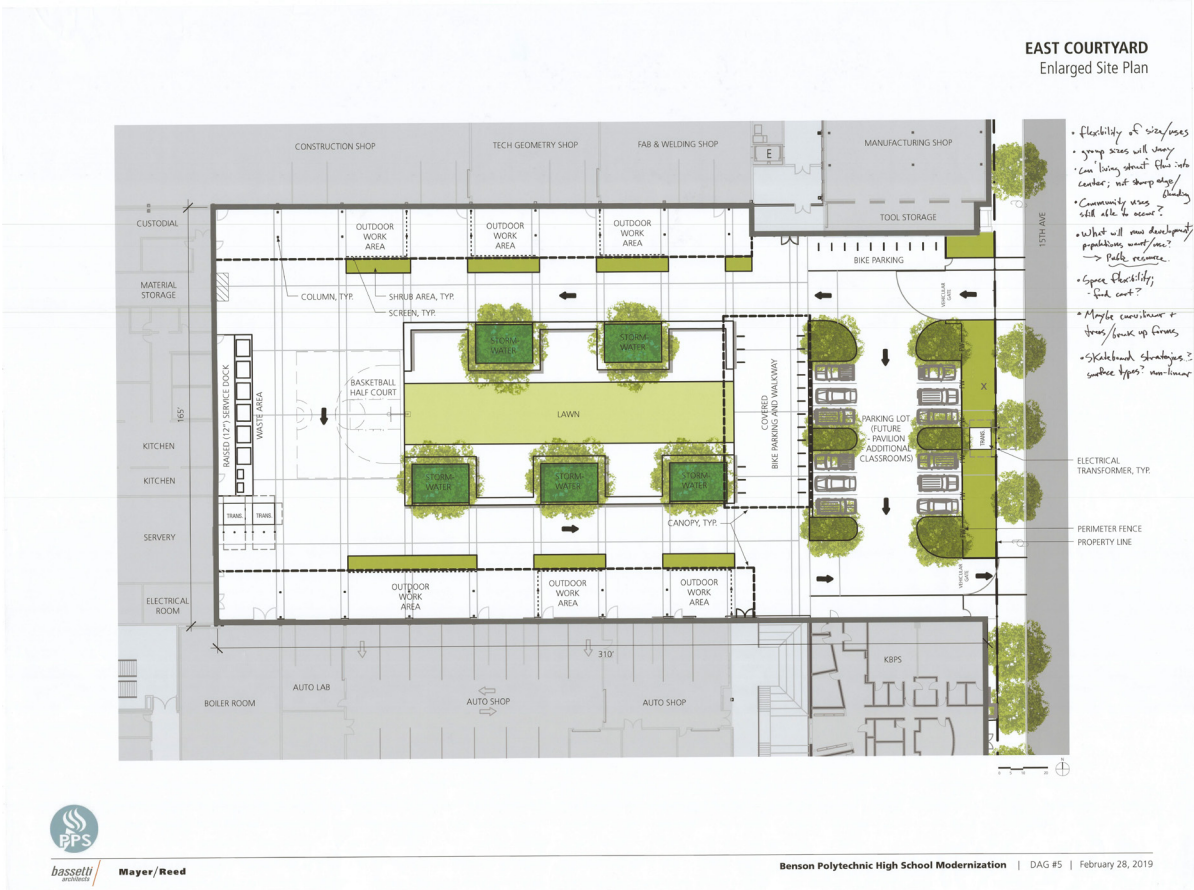
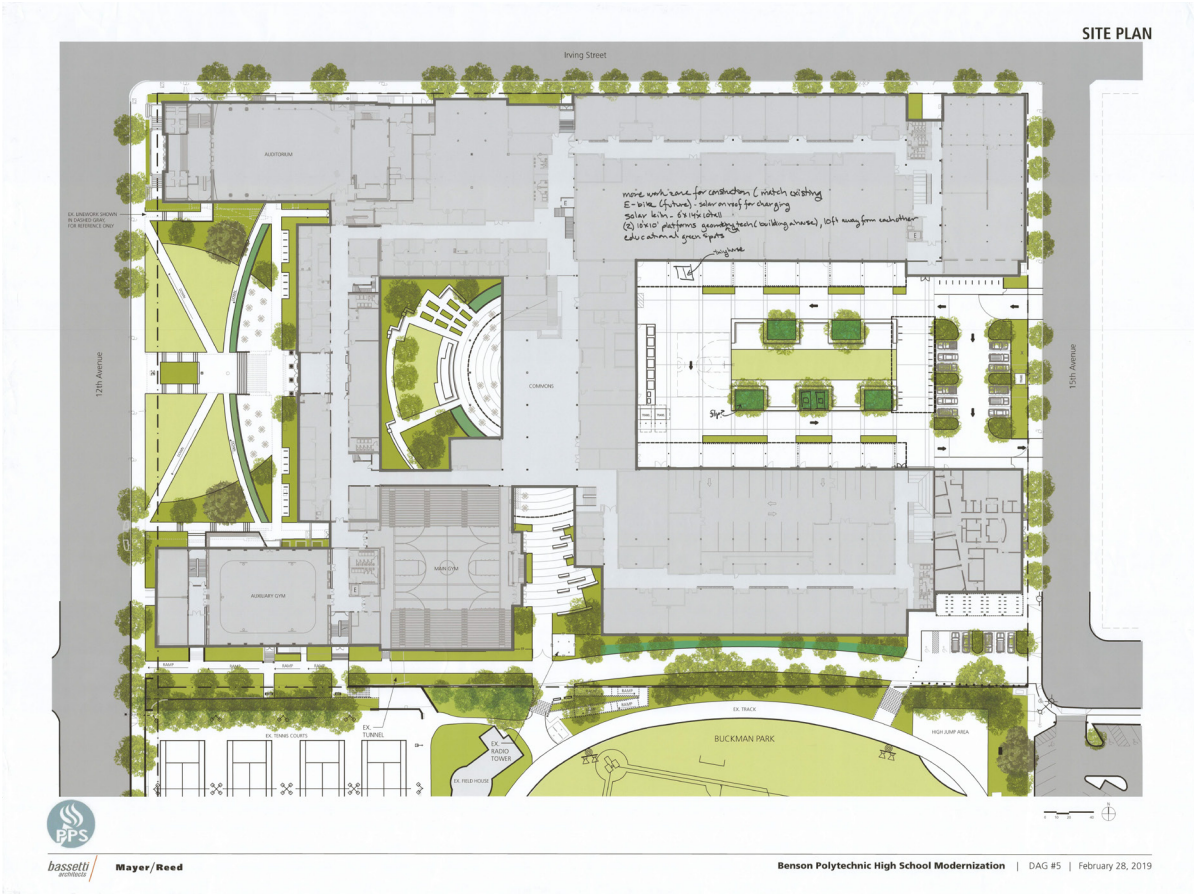
- + Support and concern shown for basketball.
- + Support and concern shown for skateboarding.
- + Interest in other types of outdoor movement – swings, rock wall, parkour/parcourse,
- + "we have no place to just play"
- + Other:
- + Several comments about having a food cart pod, maybe student run?

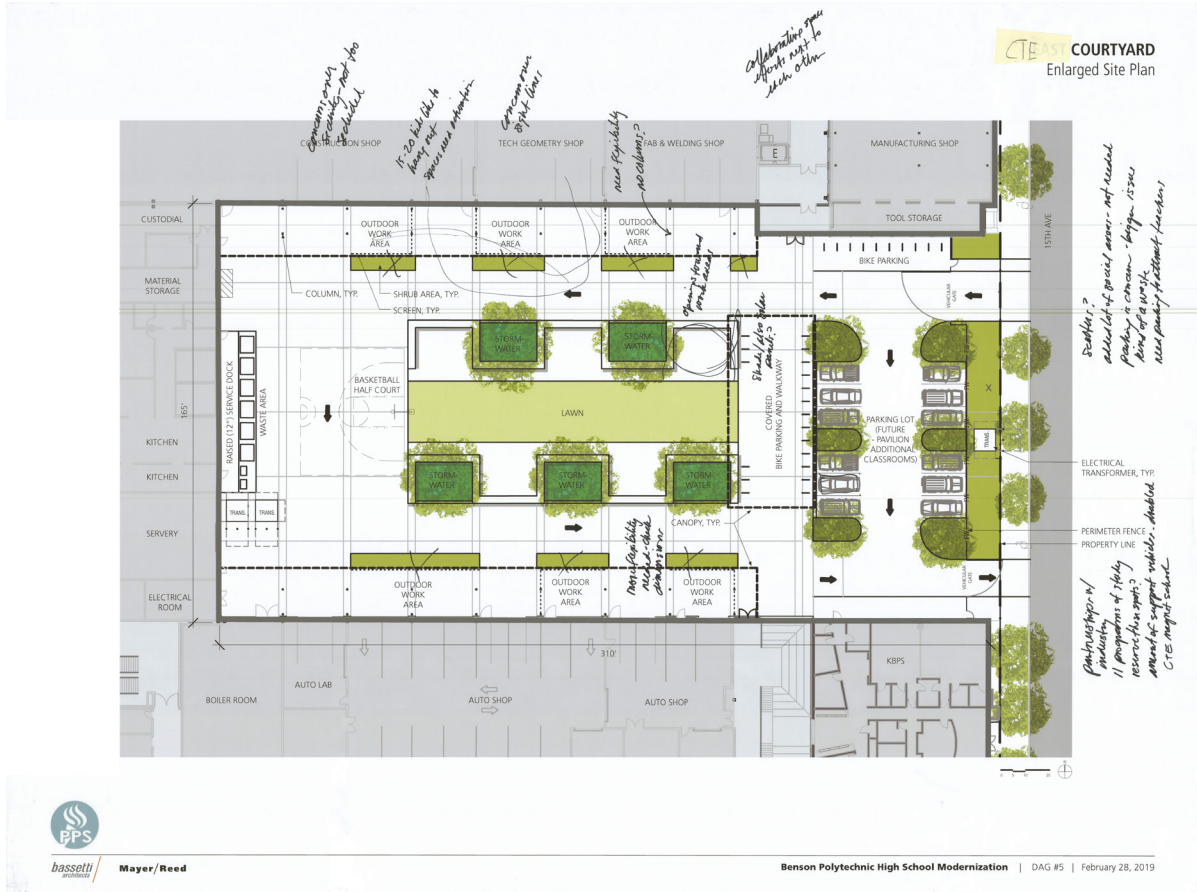
DAG comments and sketches from the site activity are attached on the following pages.

PUBLIC COMMENT

No public comments

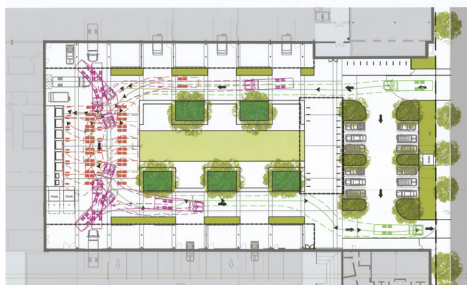
TECH SHOW - Design team will be setup and available.
NEXT DAG WORKSHOP: APRIL 25, 2019





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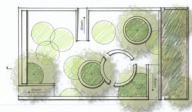


EAST COURTYARD
Vehicular Turning Radii and Central Use Space Inspiration Sketches

LEGEND
green vehicular loop
red garbage truck
magenta large delivery truck
gray vehicle type per door

VEHICULAR TURNING RADII

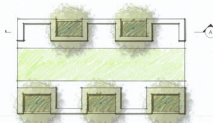
CENTRAL USE SPACE INSPIRATION SKETCHES



Plan



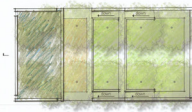
Section A



Plan



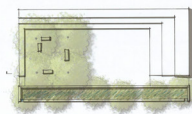
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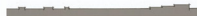
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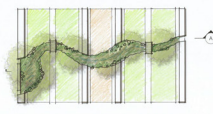
Section A



Plan



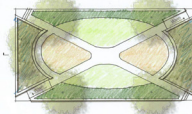
Section A



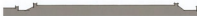
Plan



Section A



Plan



Section A

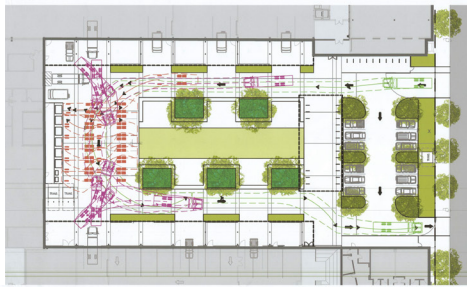


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EAST COURTYARD

Vehicular Turning Radii and Central Use Space Inspiration Sketches

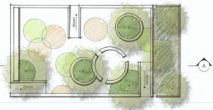


LEGEND
 green — vehicular loop
 red — garbage truck
 magenta — large delivery truck
 gray — vehicle type per door

VEHICULAR TURNING RADII

CENTRAL USE SPACE INSPIRATION SKETCHES

*round, setbacks
 flagpoles
 MK cleaning
 MK wall
 (PE = no play)
 outdoor basketball
 44 student's outside
 skateboard
 per course?*

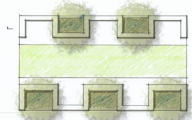


Plan



Section A

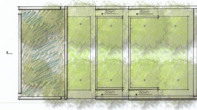
could form umbrellas?



Plan



Section A

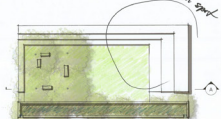


Plan



Section A

vertical wall



Plan



Section A

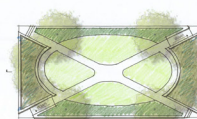
*like roads organic?
 Turner stamp?*



Plan



Section A



Plan



Section A



Mayer/Reed

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EAST COURTYARD

Precedent Imagery

EVENTS



SCREENING / FENCING OPTIONS



welded wire mesh fence



metal picket fence

(perimeter)

PASSIVE USES



slatted metal fence



living screen (vegetated)

ACTIVE USES



perforated metal (circular)



perforated metal (rectangular)

STORMWATER / RAIN GARDEN



gabion wall

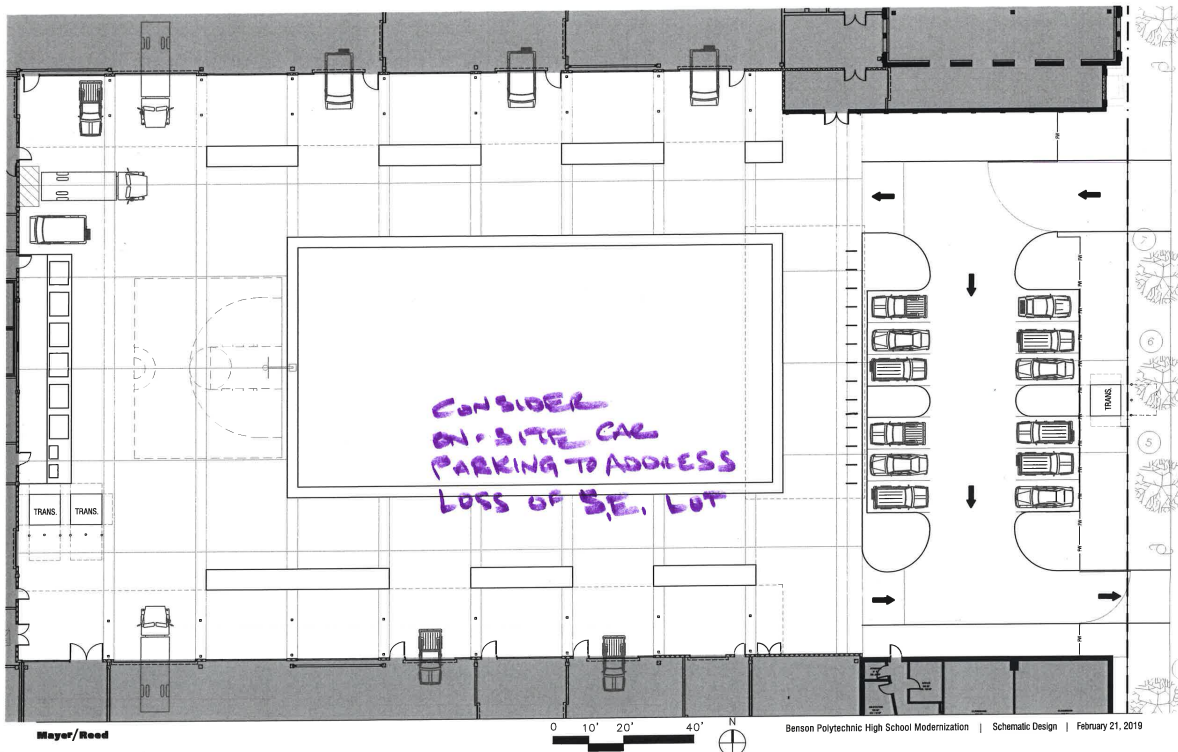
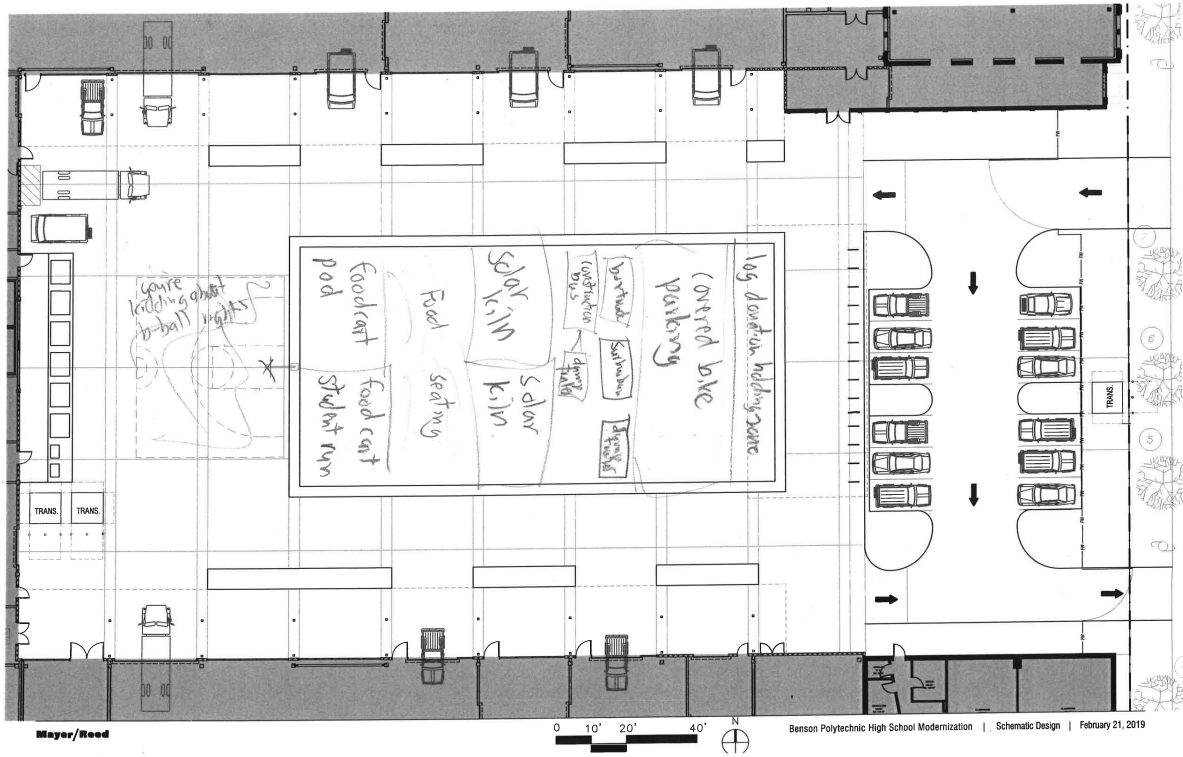


block wall



Mayer/Reed

Benson Polytechnic High School Modernization | DAG #5 | February 28, 2019





SCHOOL BUILDING
IMPROVEMENT BOND

BENSON TECH STUDENT SIGN IN

PORTLAND PUBLIC SCHOOLS

DAG STUDENT SIGN-IN

Office of School
Modernization

BPHS Design Advisory Group

501 North Dixon Street • Portland,
OR 97227

Meeting: DAG Meeting #5

Date: Thursday, February 28, 2019

DAG STUDENT Name

Signature

Drew Amrine

Immacula Bixby

Alan Campos

Sophia Chin

Hazel Curley O'Malley

William Horner

Griffin Jackson

Henry Kirkpatrick

James Littrell

Kaily Malynowski

Kimanh Nguyen

Adrian Sanchez-Hernandez

Diego Sanchez-Ortiz

Arlette Torres

Daviar Wexler

William Horner

Griffin Jackson

JL

Kaily Malynowski

Adrian S



SCHOOL BUILDING
IMPROVEMENT BOND

BENSON TECH Design Advisory Group

PORTLAND PUBLIC SCHOOLS

DAG Adult SIGN-IN

Office of School Modernization

BPHS Design Advisory Group

501 North Dixon Street • Portland, OR 97227

Meeting: DAG Meeting #5, Thursday, February 28, 2019

DAG Member NAME	Signature
Director Paul Anthony	✓
Principal Curtis Wilson Jr.	✓
STAFF & TEACHERS	
Roi San Anderson	
Brian Gerber	<i>BG</i>
Amy Henry	✓
Tammy Hite	<i>AH</i>
Luke Hotchkiss	<i>LH</i>
Dave Ketah	<i>DK</i>
Bryan Smith	<i>BS</i>
Amy Sutton	<i>A Sutton</i>
Christina Thompson	
Todd Williams	<i>TW</i>
ALUMNI, PARENTS, SITE COUNCIL, PARTNERS, POSTSECONDARY ED, INDUSTRY PROFESSIONAL, NEIGHBORHOOD ASSOCIATION, BUSINESS ASSOCIATION, SCHOOL VOLUNTEERS	
Dale Bajema	
Janice Choy-Weber	<i>Janice Choy Weber</i>
Kevin Clark	<i>Kevin S. Clark</i>
Brent Dahl	<i>BRENT DAHL</i>
Angel Dawson	
Jeanette DeCastro	
Wendy Farber	
Marlene Gillis	
Reuben Gilmore	<i>Reuben Gilmore</i>
Susan Hargrave	
Rob Johns	<i>Rob Johns</i>
Peter Koonce	✓
Heather Leek	
Elizabeth O-Malley	<i>EM</i>
Glen Pak	<i>Glen Pak</i>
Matt Pellico	✓
Richard (Dick) Spies	
Brian Unflat	<i>Brian Unflat</i>