



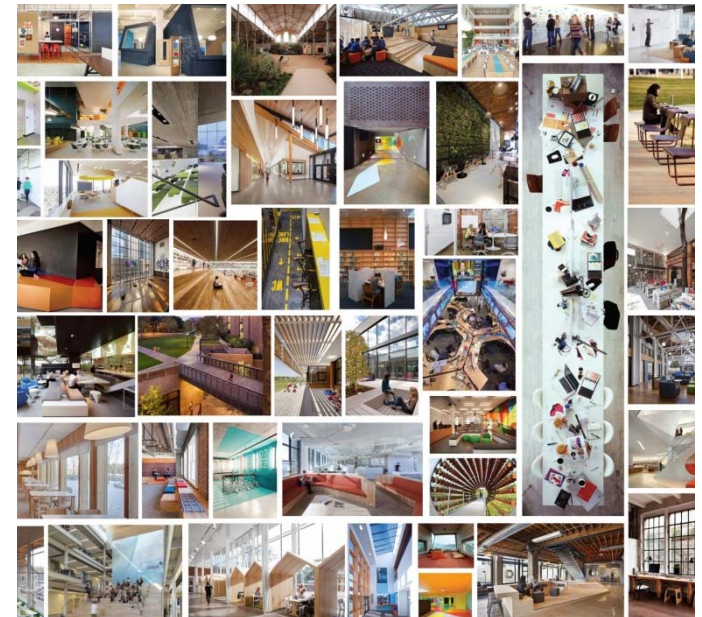
Visual Listening



- :: What spaces would inspire you to learn?
- :: What spaces do you gravitate towards?
- :: What spaces make you feel comfortable?

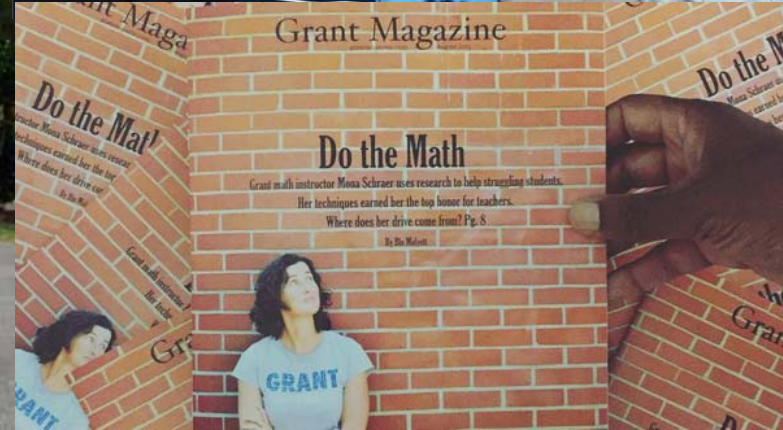


- :: What spaces make you feel uncomfortable?
- :: What spaces make you anxious?
- :: What spaces would you avoid?



mahlum

Masterplanning Workshop 02
Grant High School Modernization
11.07.15



Today's Agenda

- :: Project Overview (30 min)
- :: Sketching Groups (45 min)
- :: Listening Stations (1 hour 30 min)
- :: Feedback (15 min)
- :: Exit Exercise

Project Overview

- :: Team Introductions
- :: Process & Schedule
- :: MPSW 1 Shareback
- :: Historic Renovation \neq Compromise?
- :: Focus on Performance Venue Considerations
- :: Overview of Today's Workshop

Portland Public Schools

:: Michelle Chariton, *Project Director*

:: Kristie Moore, *Project Coordinator*

Design Advisory Group (DAG)

:: Carol Campbell, *DAG Chair Elect*

:: Abby Williams, *DAG Co-Chair Elect*

:: Pam Knowles, *Elected Official*

Mahlum Team

Architectural Design

- :: Diane Shiner, *Principal in Charge*
- :: Alyssa Leeviraphan, *Project Manager*
- :: JoAnn Wilcox, *Project Architect*
- :: Rene Berndt
- :: Emi Day
- :: Ben Taylor
- :: Jennifer Lubin
- :: Andrew Weller-Gordon

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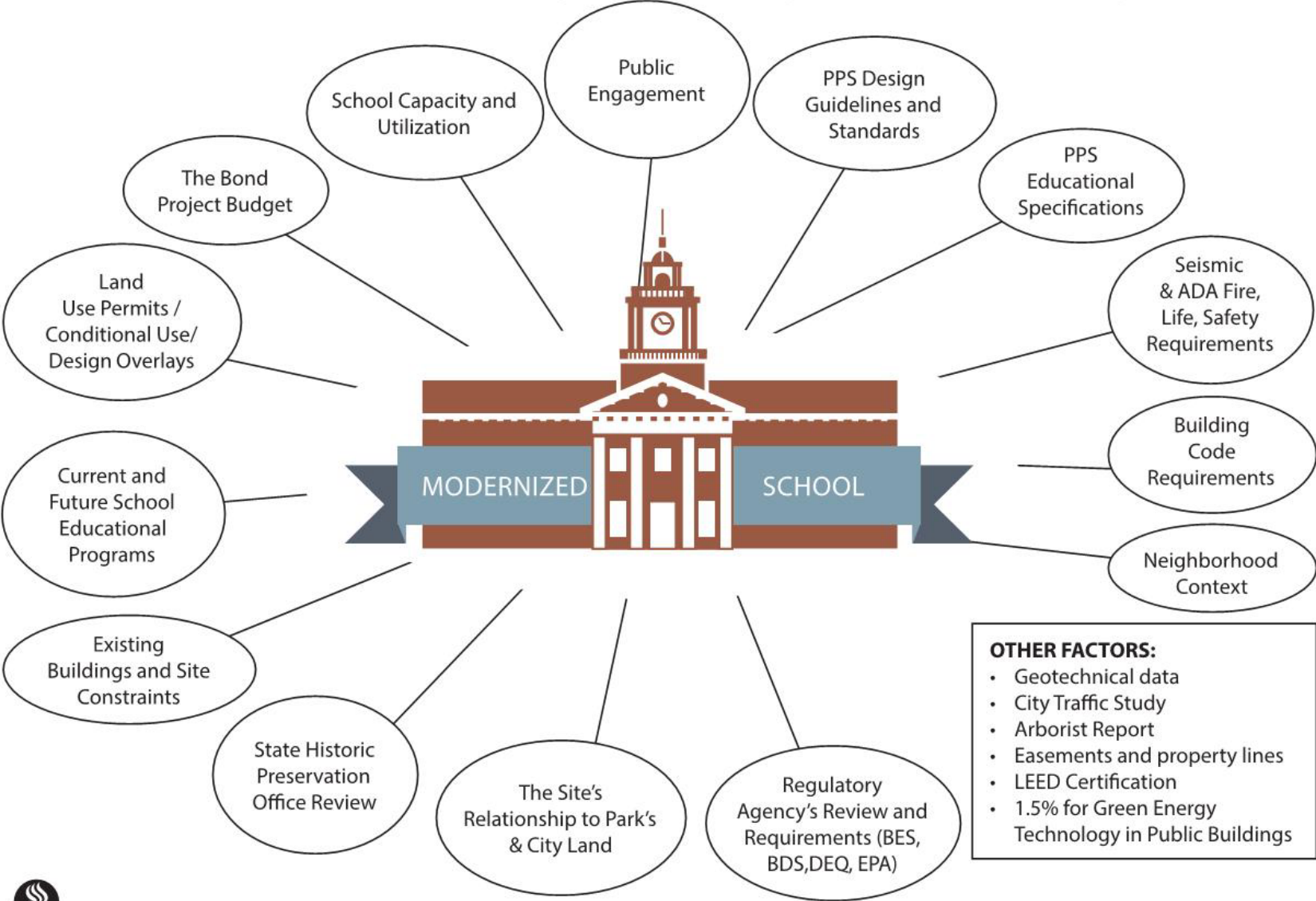
Consultants

- :: Mayer/Reed, *Landscape Architecture*
- :: Balheizer & Hubbard, *Civil Engineering*
- :: KPFF, *Structural Engineering*
- :: Interface, *Mechanical, Electrical, Plumbing*
- :: Peter Meijer Architects, *Historic Preservation*
- :: PLA, *Theater Design*
- :: Halliday, *Nutritional Services*
- :: Greenbusch, *Elevator Design*
- :: Karen Braitmayer, *Accessibility Design*
- :: Angelo Planning Group, *Land Use Planning*
- :: Rider Levett Bucknall, *Cost Estimation*
- :: APEX, *Environmental Consultant*

Project Overview

- :: Team Introductions
- :: **Process & Schedule**
- :: MPSW 1 Shareback
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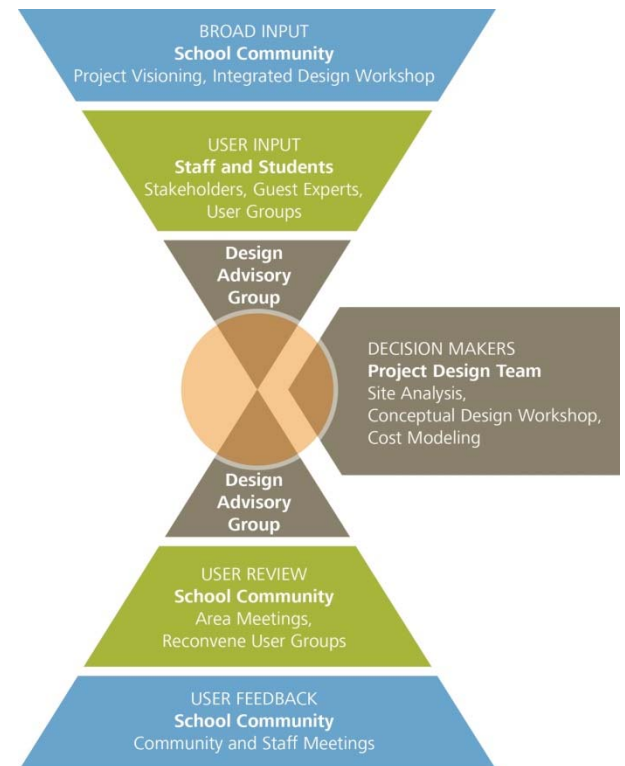
Additional Factors Influencing Design





Contributing Voices

PPS Board of Education
Stakeholder Cohorts
Design Advisory Group
Guest Experts
Students
Parents
Community



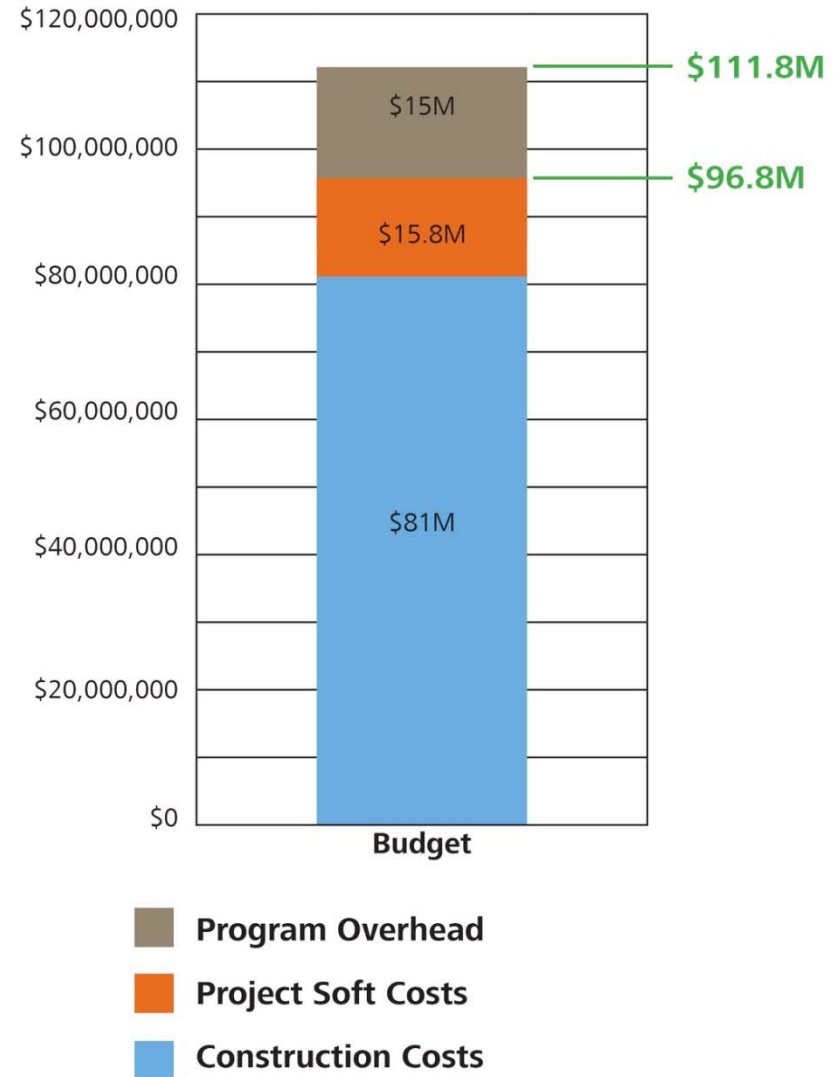
Budget

Construction

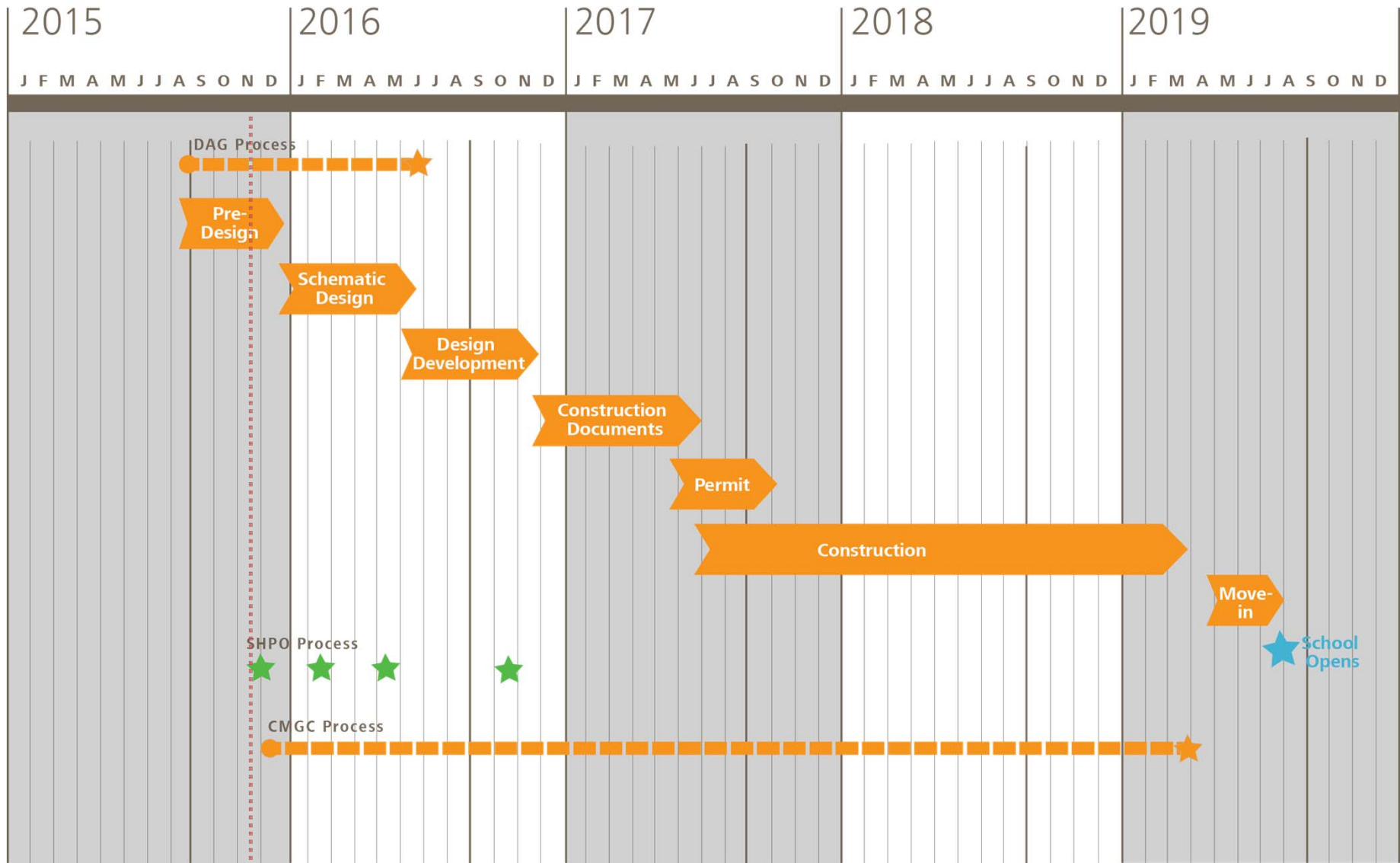
- Historic Preservation
- Modernization
- Site improvements
- Offsite improvements
- Contingency and sales tax

Project "soft costs"

- New furniture and equipment
- Classroom technology
- Network and phones
- Professional services
- Permit and utility fees



Project Schedule





Design Advisory Group Schedule

DAG 01	Sep 09	DAG 06	Dec 16
DAG 02	Sep 24	SD Workshop 1*	Jan 09
DAG 03	Oct 08	DAG 07	Jan 21
School Tours	Oct 23	SD Workshop 2*	Feb 06
MP Workshop 1*	Oct 24	DAG 08	Mar 03
DAG 04	Nov 05	SD Open House*	Mar 31
MP Workshop 2*	Nov 07	DAG 09	Apr 28
DAG 05	Nov 19		
MP Open House*	Dec 03		

*Community Focused Meetings

All meetings 5:30-7:25pm except
Workshops 9am-12pm

Project Overview

- :: Team Introductions
- :: Process & Schedule
- :: **MPSW 1 Shareback**
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Listening Station 1: Historic Analysis

Understanding the role of the State Historic Preservation Office



Administration Building



Old Gym



North Wing Addition



New Gym



Old Autoshop/Weight Room



North Wing Addition



North Wing



Science Building



Portable Units



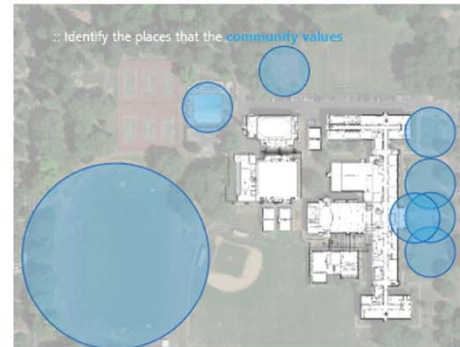
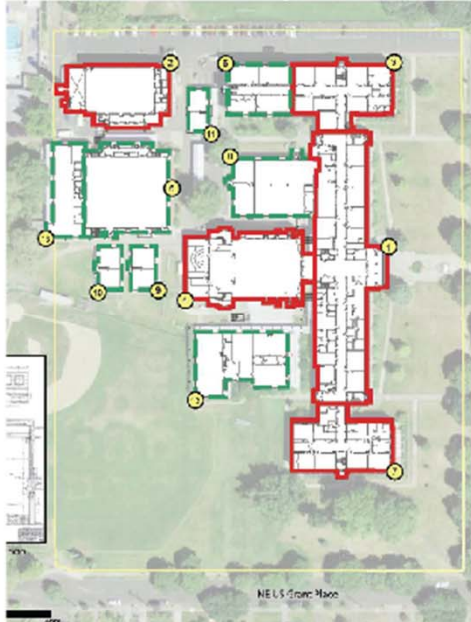
Library



Auditorium



South Wing



Identify the places that the **community values**

DAG

- "huge memories on the track/football field"
- "connective spaces for the community"
- "community garden"
- "lights and bleachers"
- "front approach"
- "an updated pool"
- "soccer practice open space in front"
- "outdoor gathering spaces"

STAKEHOLDERS

- The "bowl" – football field
- The garden
- The park
- Concerts
- Soccer field
- The "porch" entrance



Identify places of **memory** or historic events

DAG

- "religious protest on the front sidewalk"
- "playoffs"
- "community events, symphony and sports in the park"
- "gathering focal point, visible entry, community space"

STAKEHOLDERS

- "The bowl" – football field, people go back because the space is inviting"



What is your most **beloved** place and why?

DAG

- "community & sports"



Where is **change** necessary?

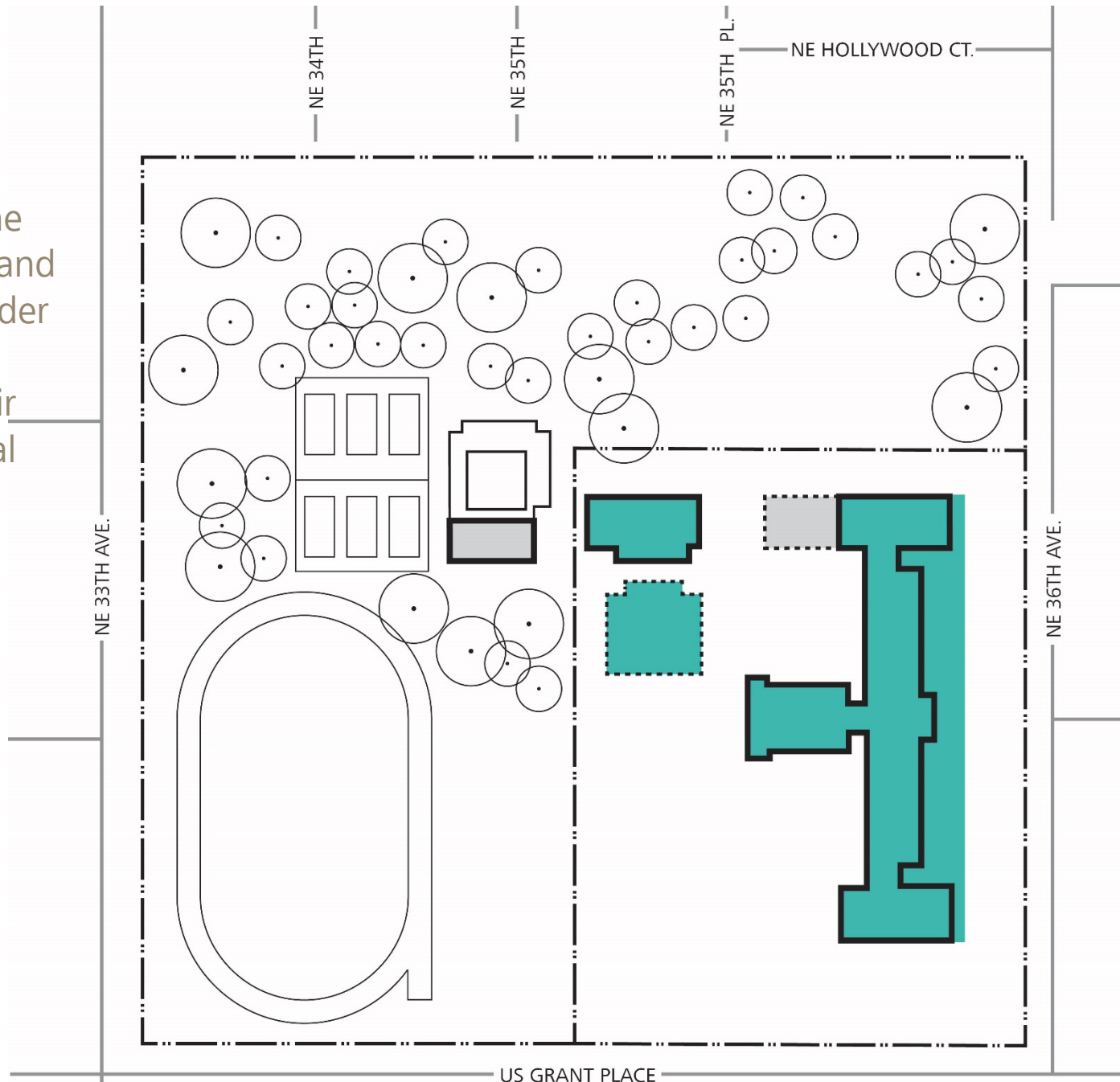
DAG

- "can we incorporate the park to the north in our plan and negotiate with parks and rec?"
- "bigger parking lot"

- "delete portables"
- "underutilized outdoor space by library"
- "ugly parking"
- "need bike parking"

Themes

Historic elements the community values, and would like to consider preserving, and/or repurposing for their historic or emotional value



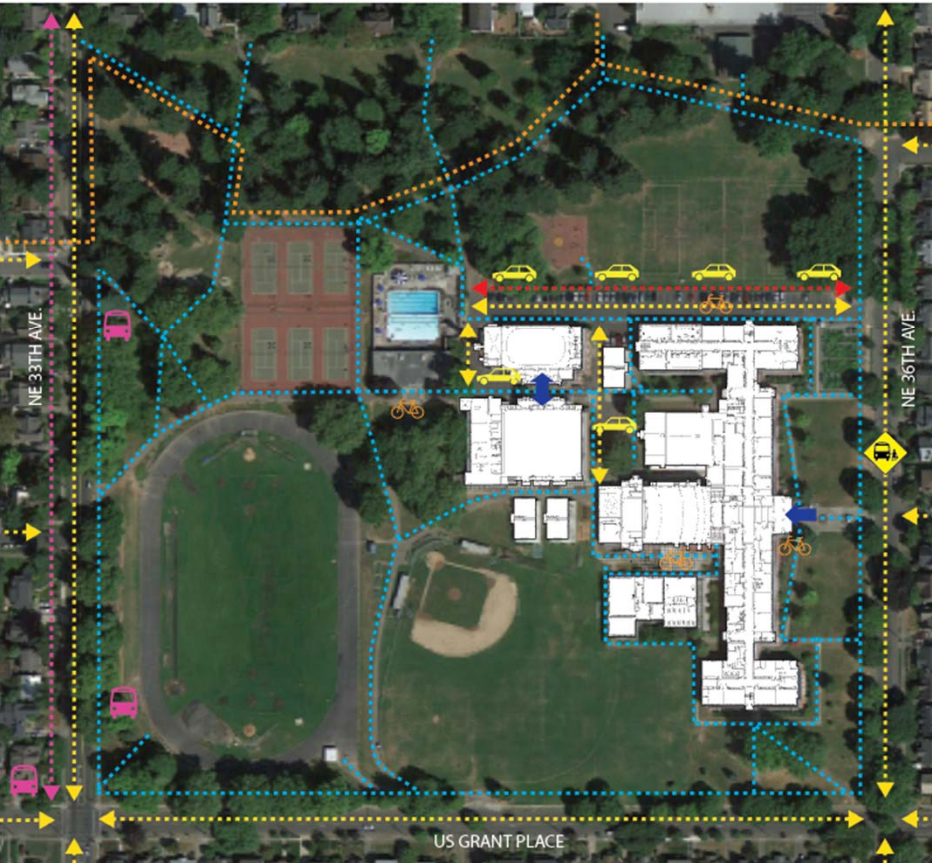
Listening Station 2: Transportation & Parking

Existing Site & Circulation Analysis



Identify existing access and movement around the site

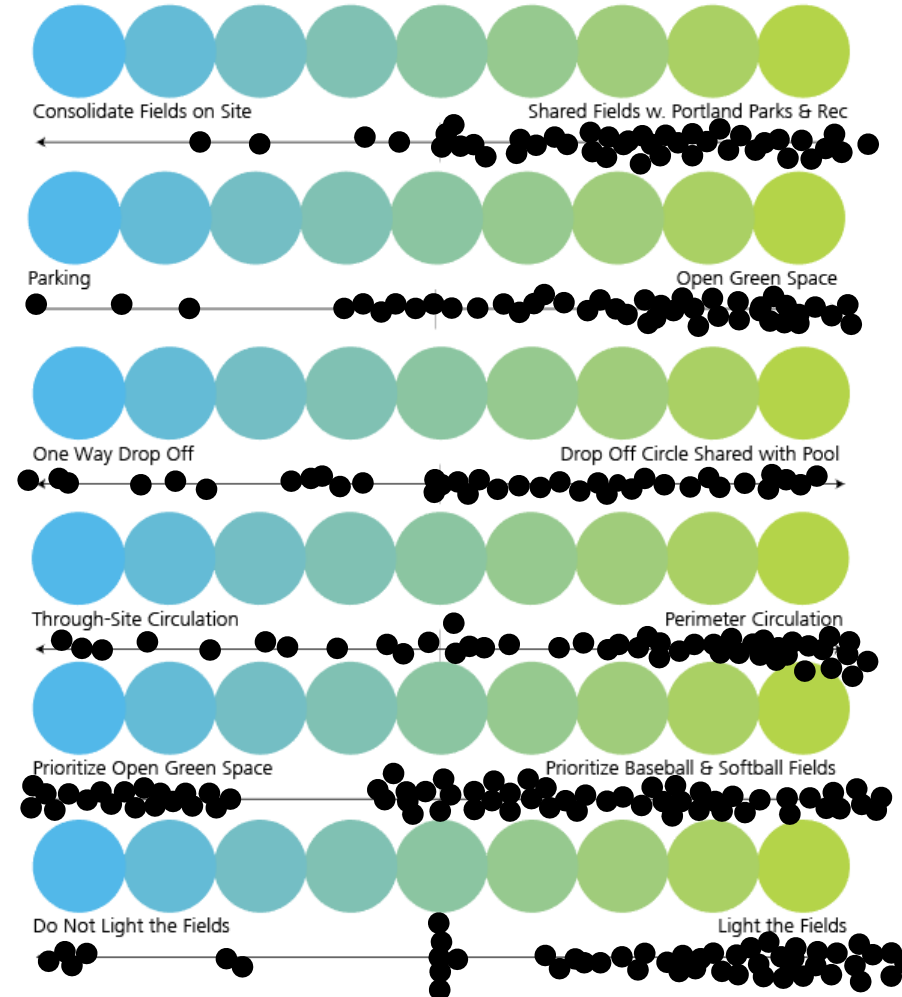
- Pedestrian Travel
- Bicycle Travel
- Automobile Travel
- Bus Travel
- Fire Truck Access
- Bicycle Parking
- Automobile Parking
- School Bus Drop-Off
- Bus Stop
- Main Entry



How should the **site** be organized?

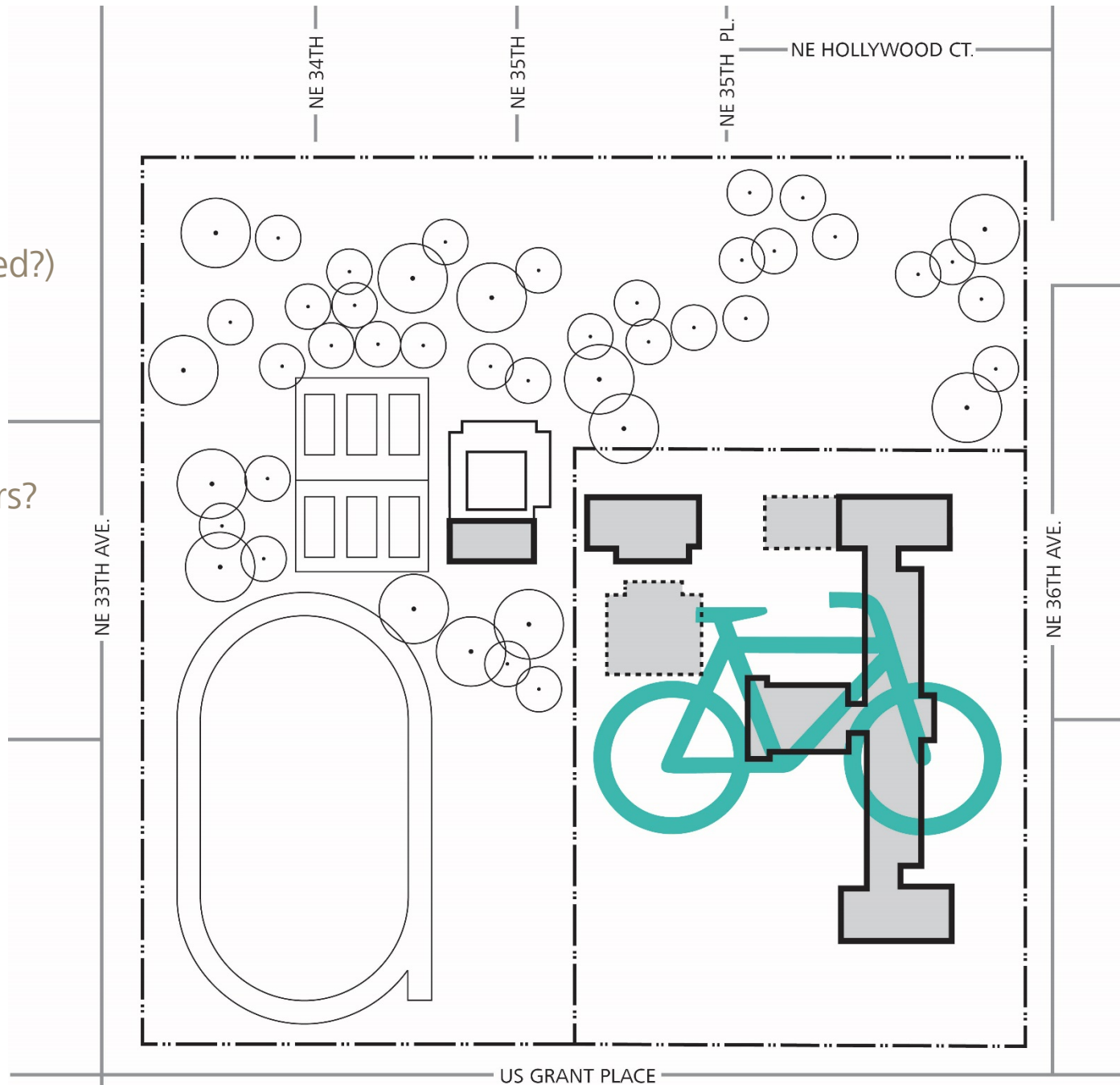


Place one dot on each black line to indicate where you fall on the spectrum.



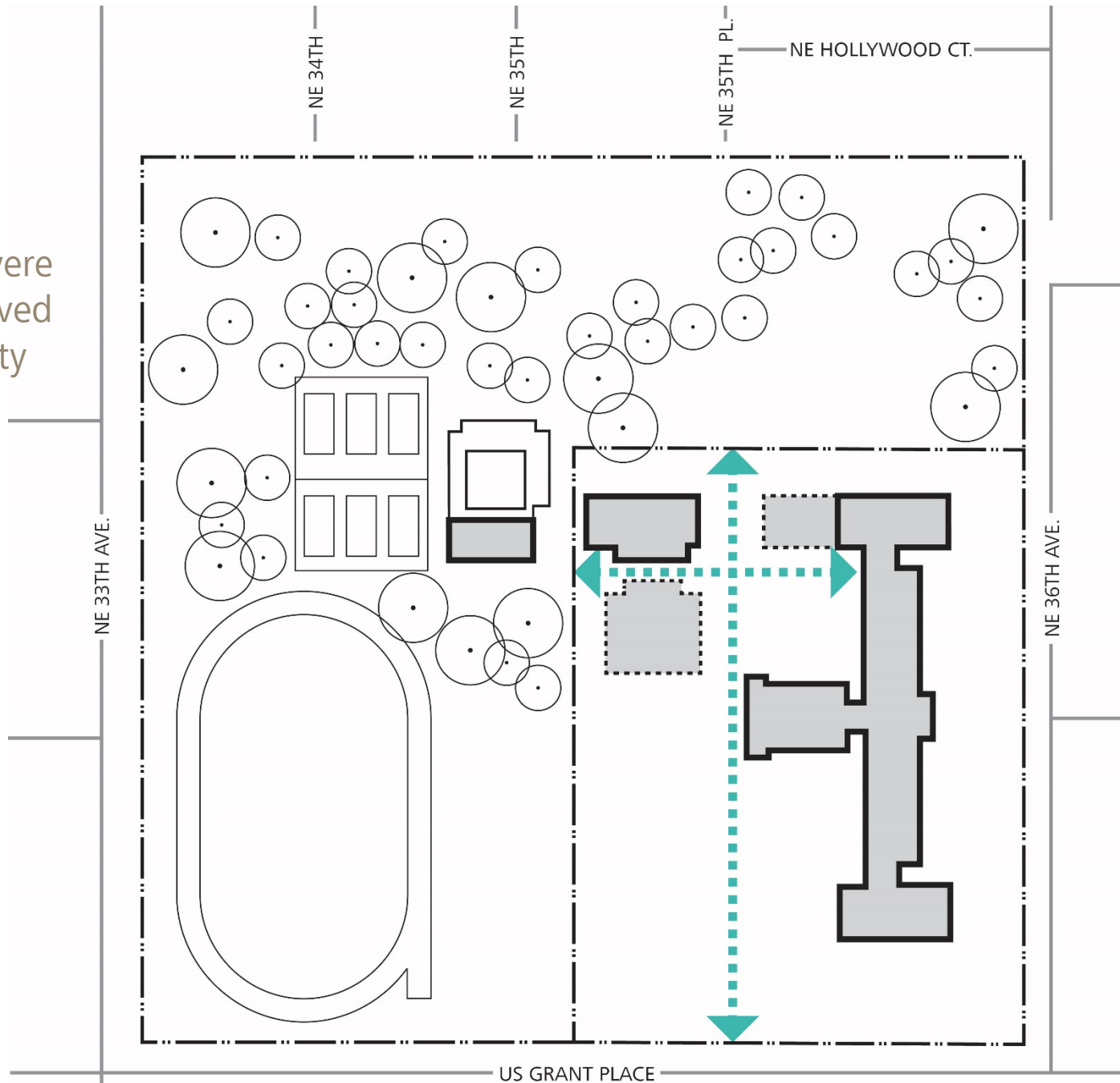
Themes

- Be friendly to bikes:
- Bike parking (covered?)
- Bike lockers?
- Bike paths?
- Bike turnlanes?
- Bike stoplights?
- Electric bike chargers?
- Showers?
- Repair station?



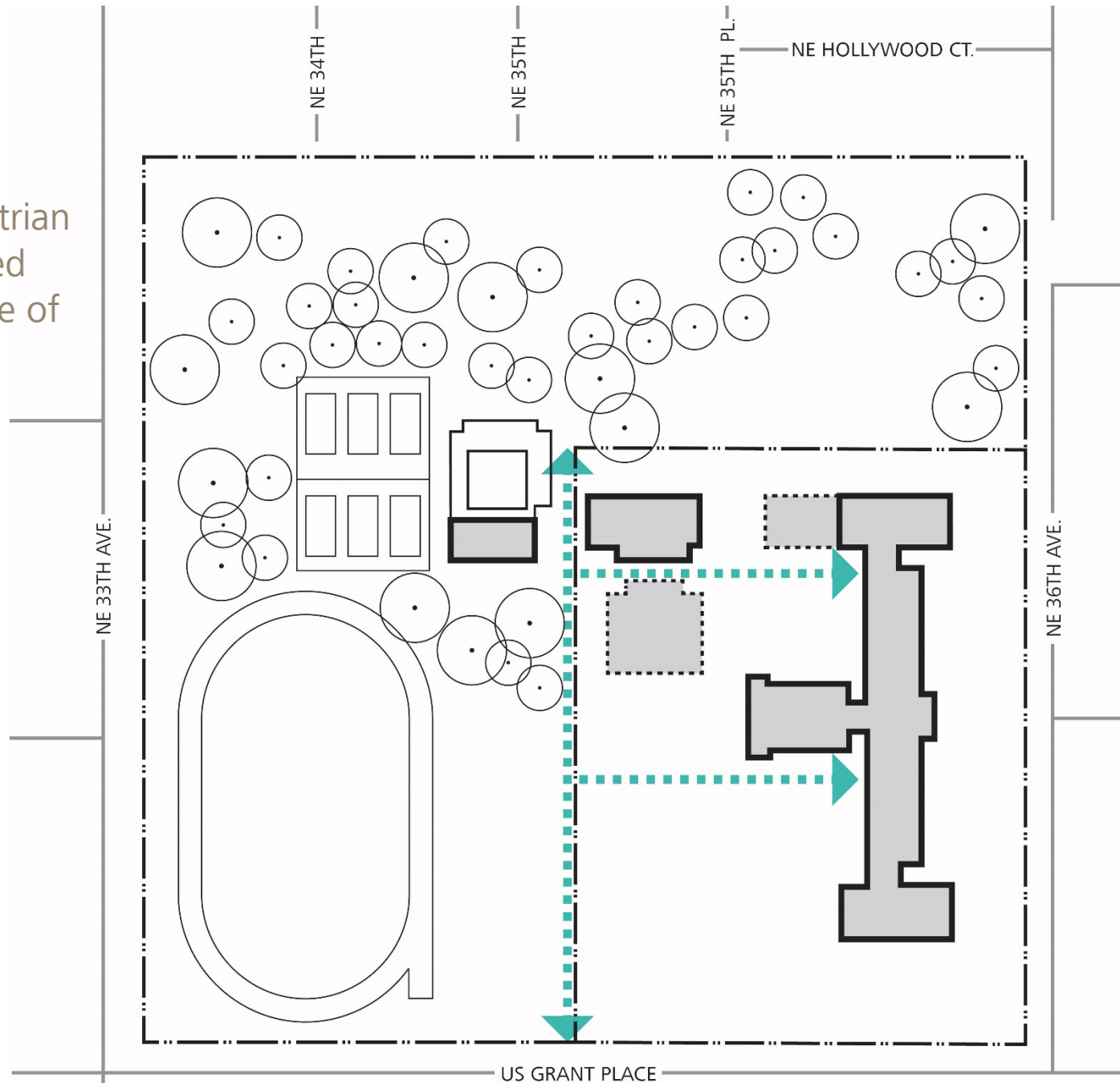
Themes

Significant new pedestrian routes were proposed for improved inter-site connectivity between Grant, Grant park, and the neighborhood



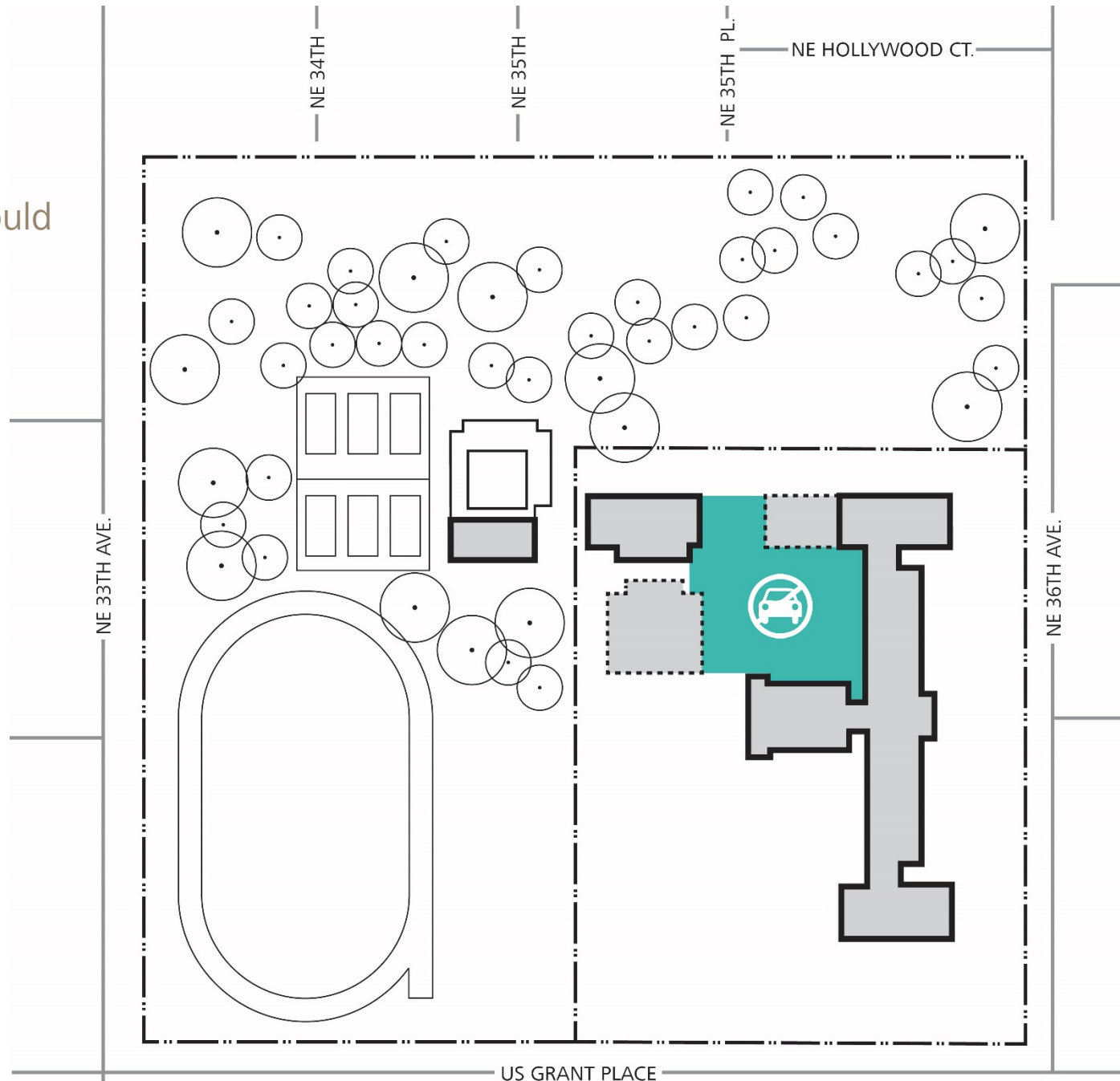
Themes

Alternatively, pedestrian paths were proposed along the west edge of the site



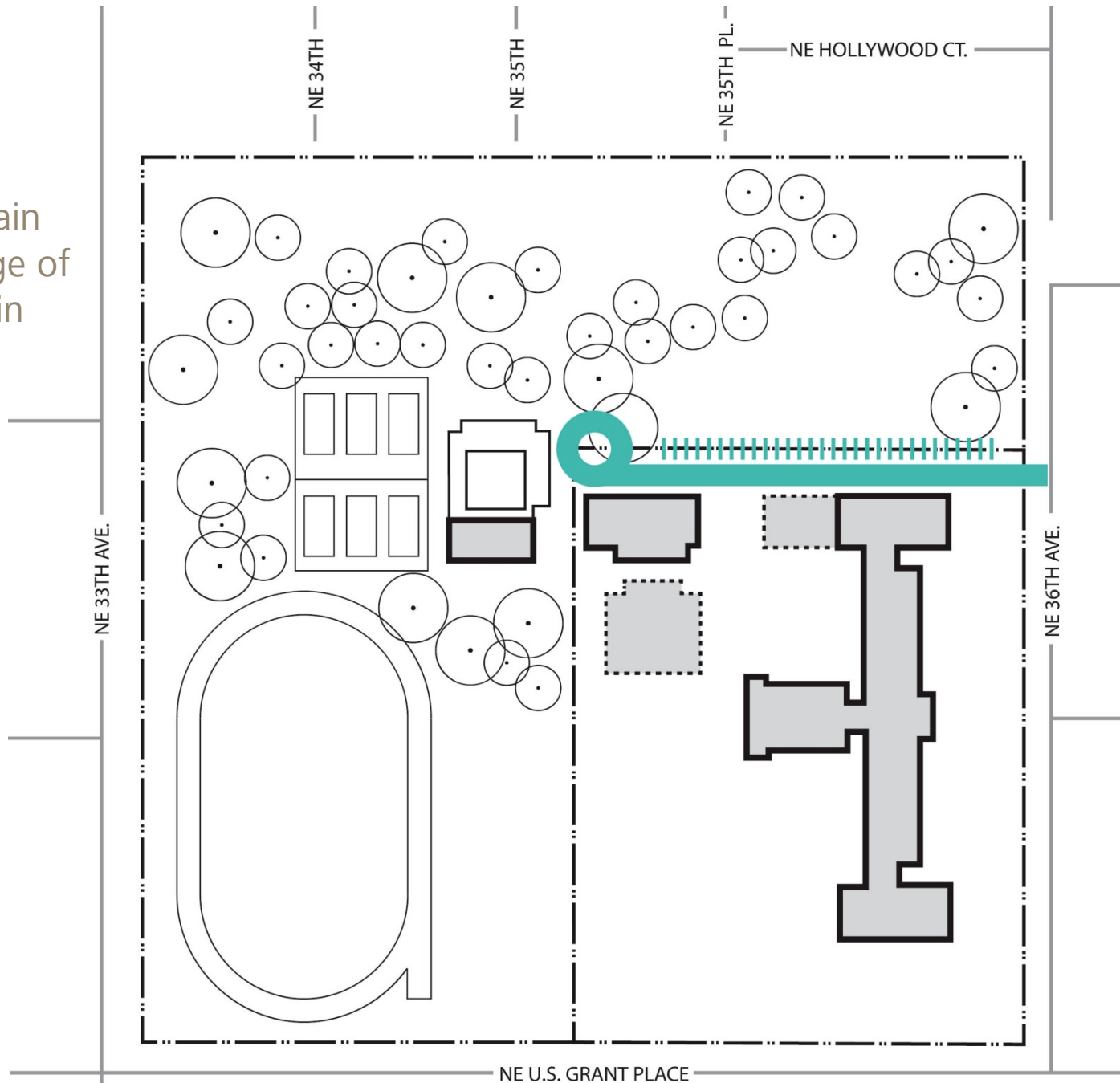
Themes

Central campus should be car free



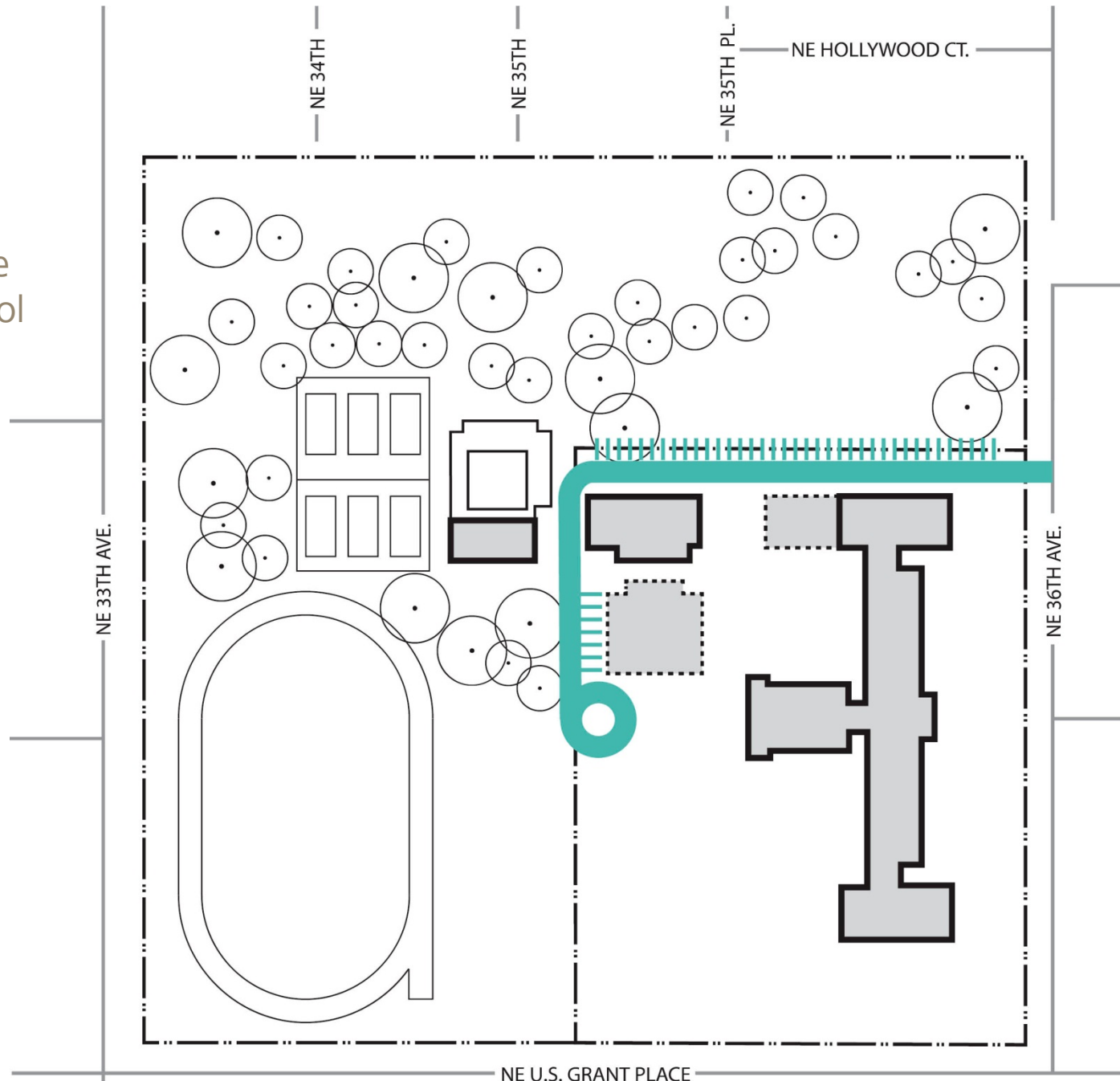
Themes

Parking should remain along the north edge of the site. Reduction in quantity was acceptable.



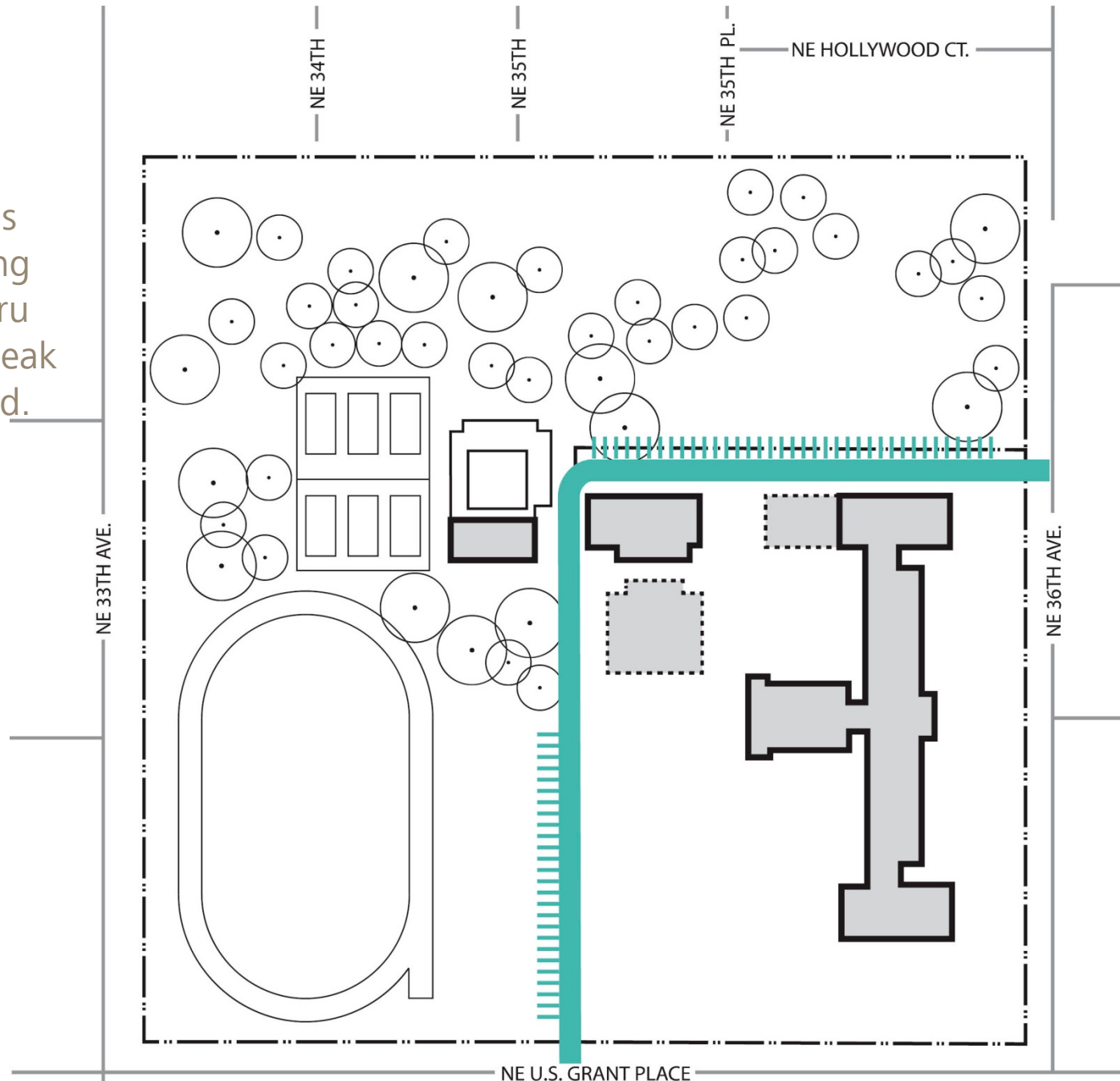
Themes

Parking could be extended to provide convenience for pool drop-off.



Themes

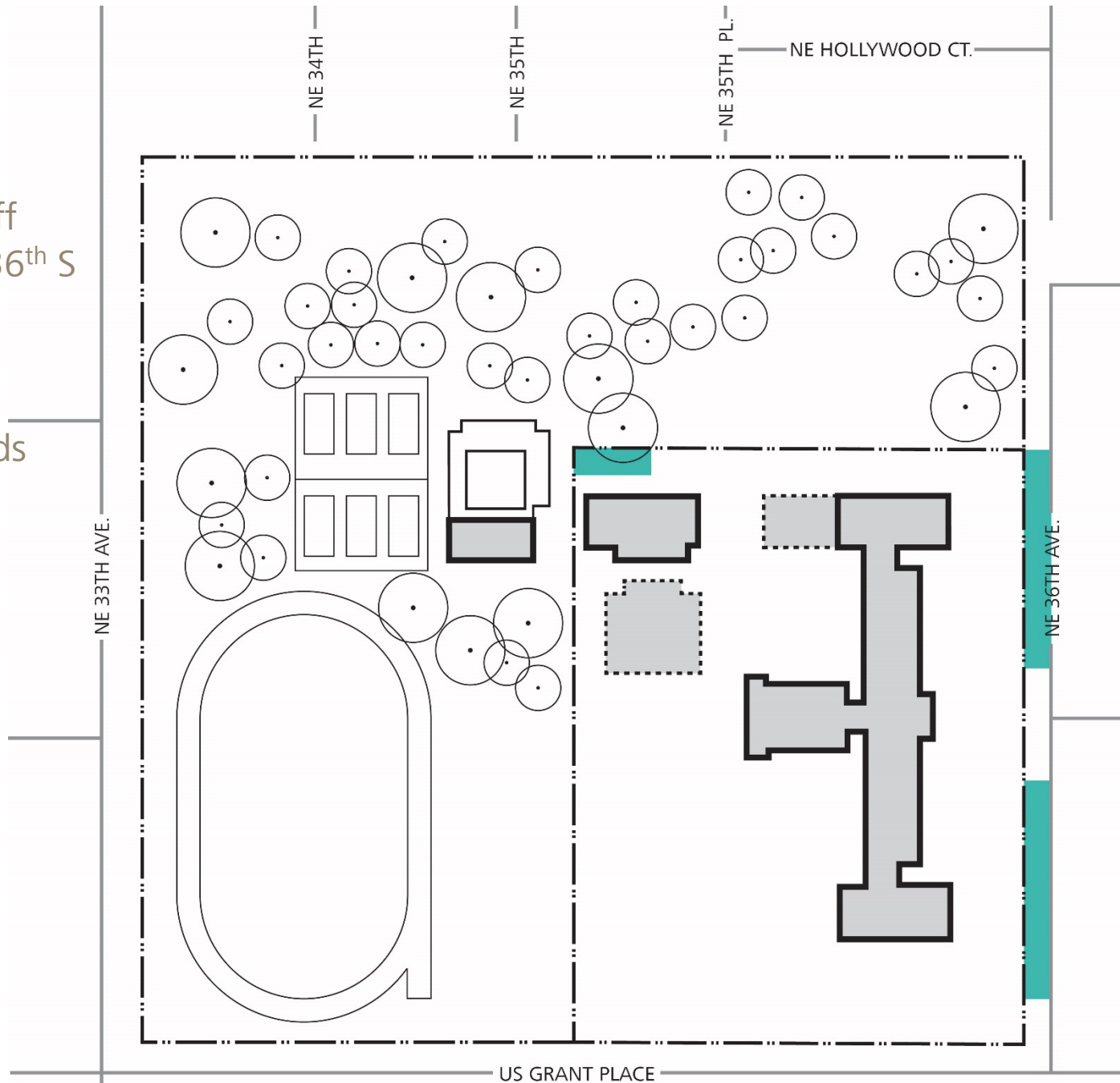
A thru-site drive was considered. Providing bollards to block thru traffic during non-peak times was suggested.



Themes

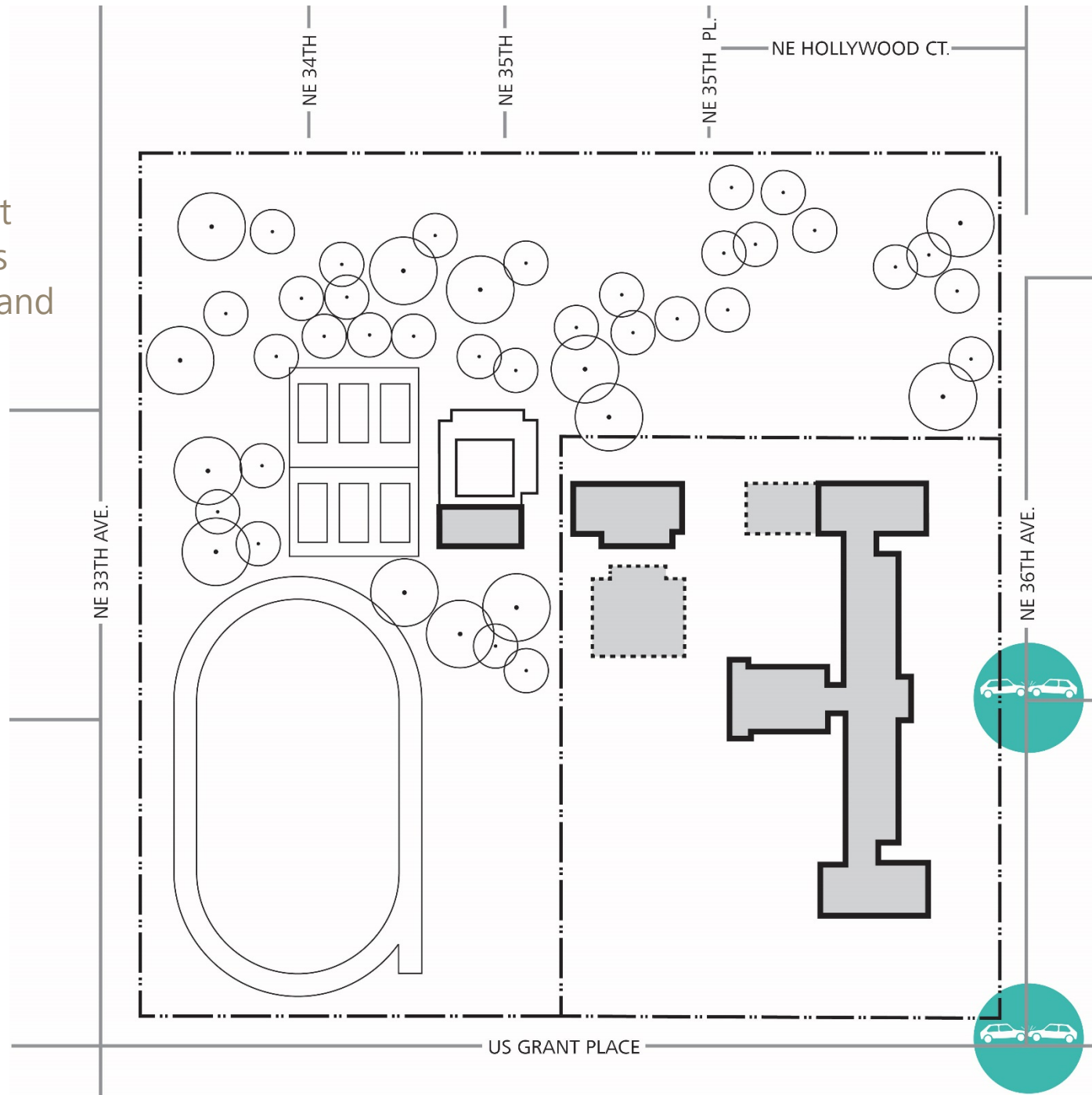
High school drop-off should stay on NE 36th S Avenue

Accommodate safe drop-off for little kids at the pool



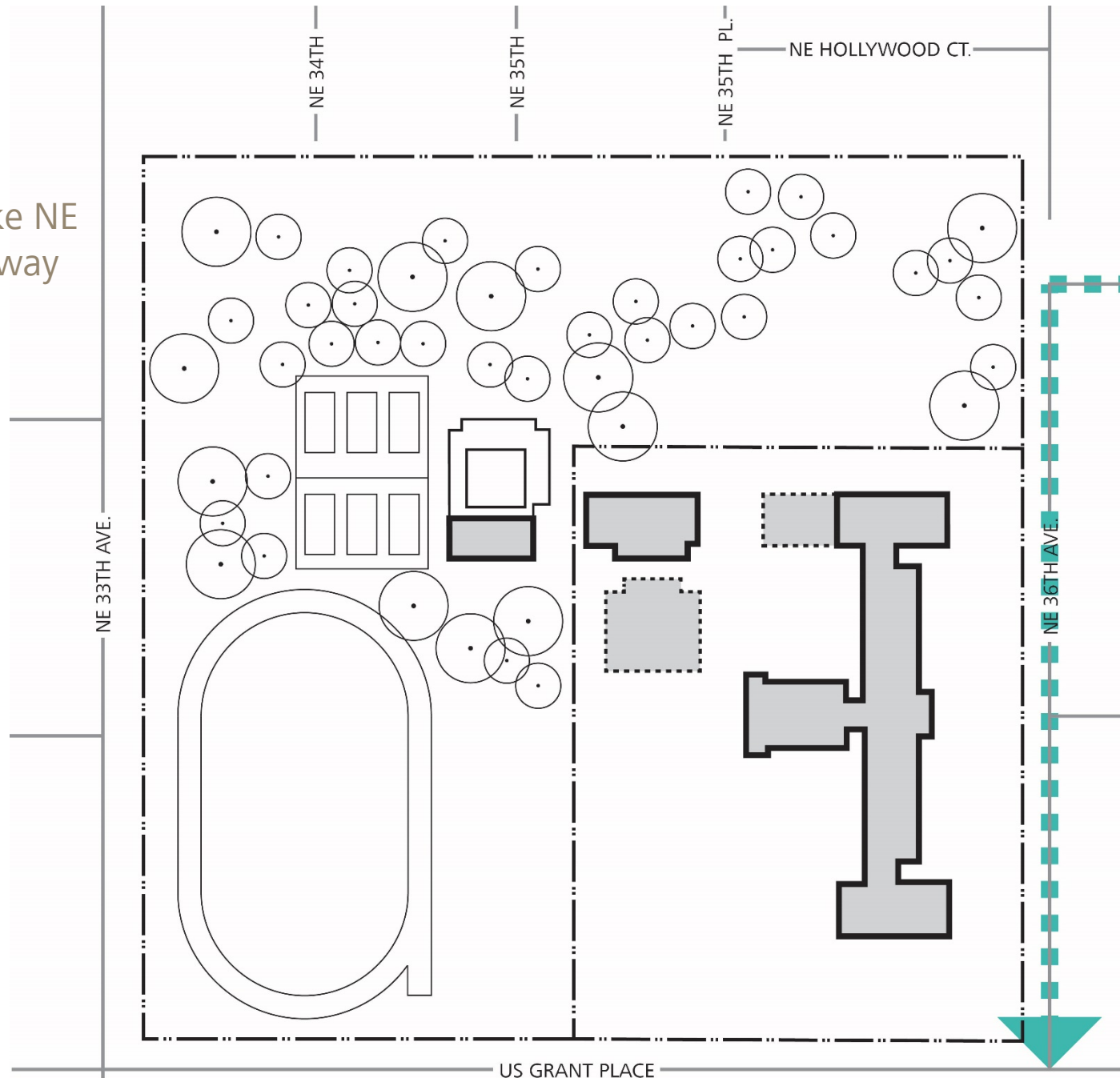
Themes

Bottlenecks occur at several intersections during peak arrival and departure times



Themes

Is it possible to make NE 36th Avenue a one-way street?



Listening Station 3: Parks & Fields

Visual Listening

Plazas and Courtyards

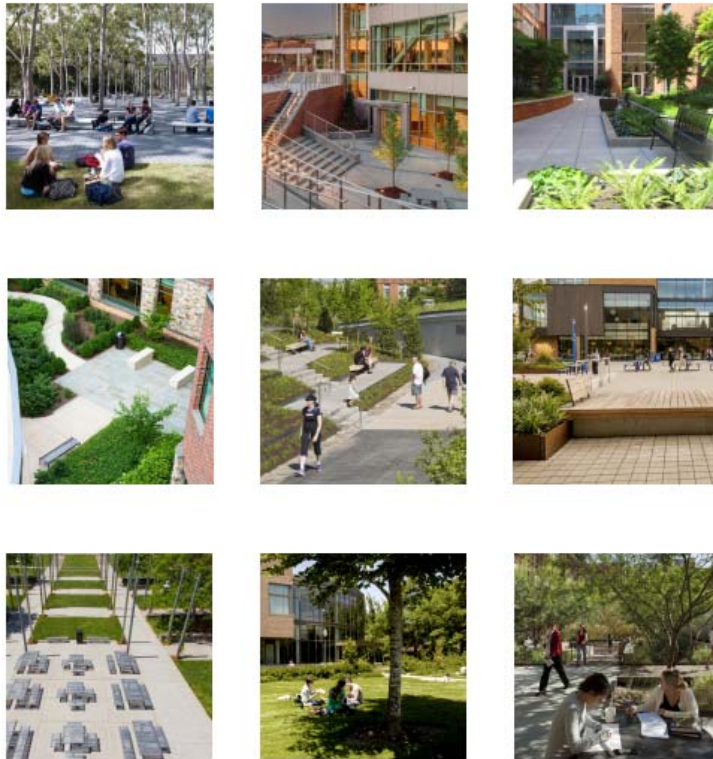


Existing Site Plan

Grant High School and Grant Park



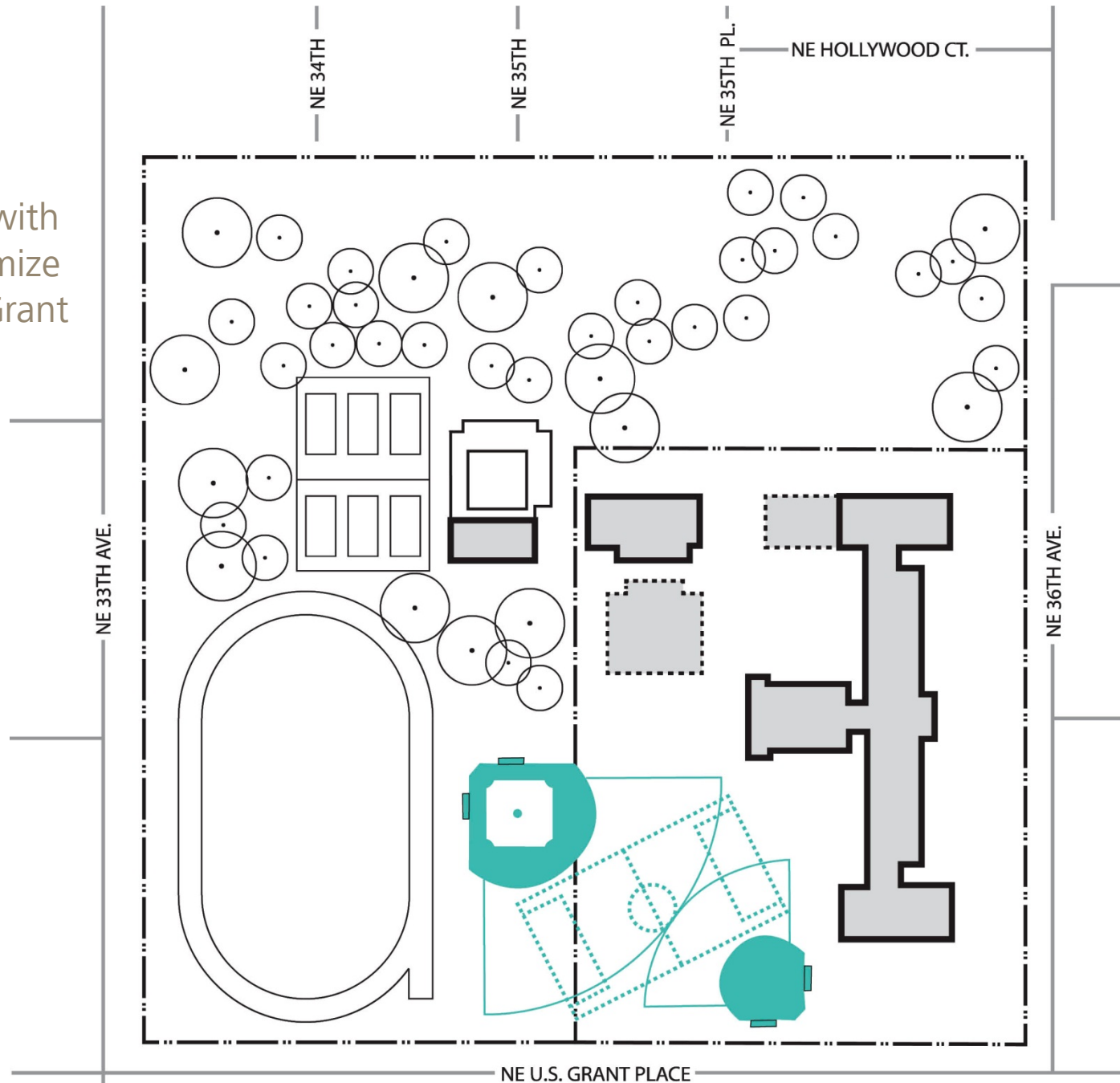
— GHS Property Line — Pedestrian Circulation — Vehicular Circulation and Parking



LISTENING STATION 3: PARKS & FIELDS

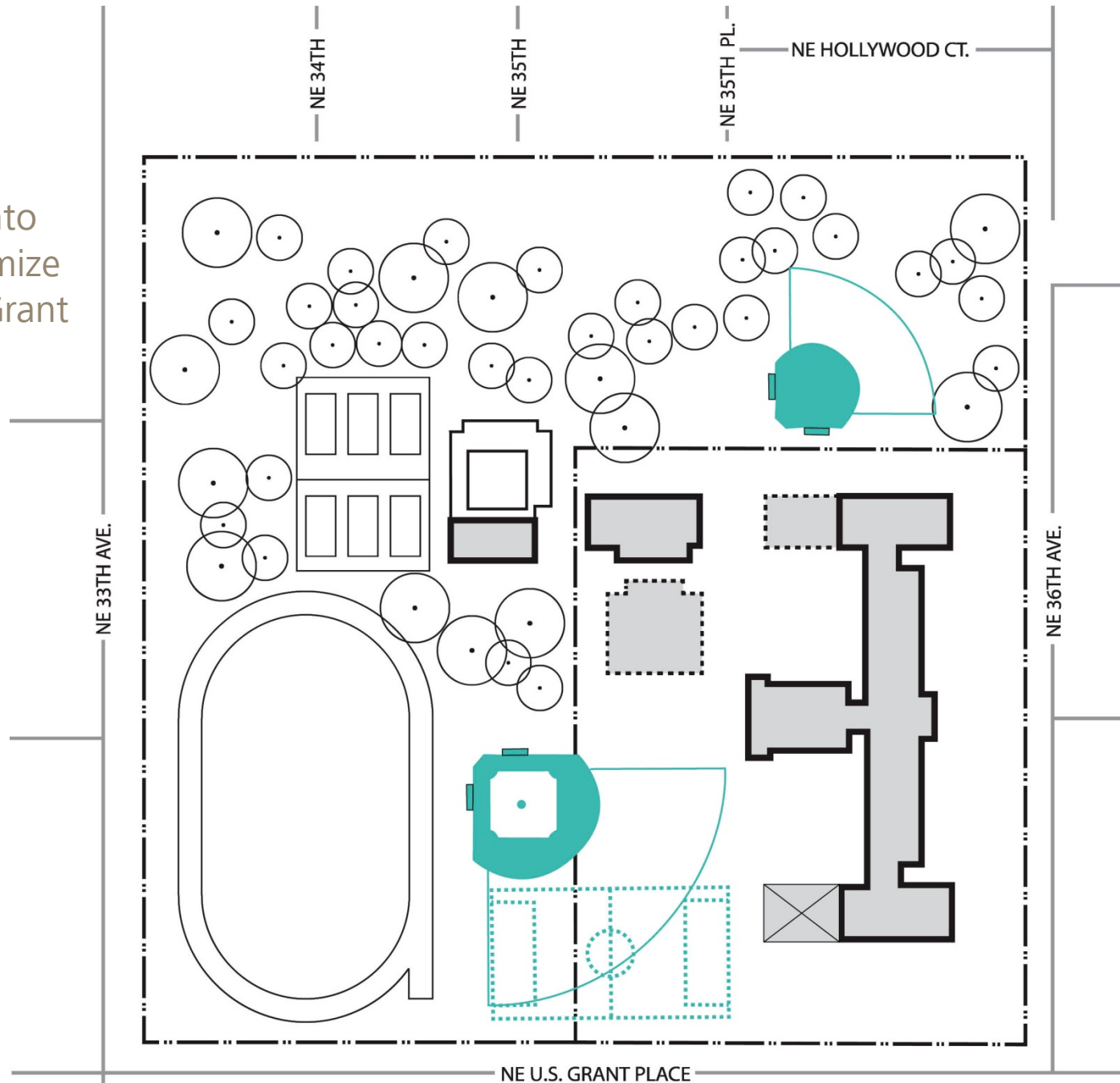
Themes

Share sports fields with Grant Park to maximize buildable area for Grant High School



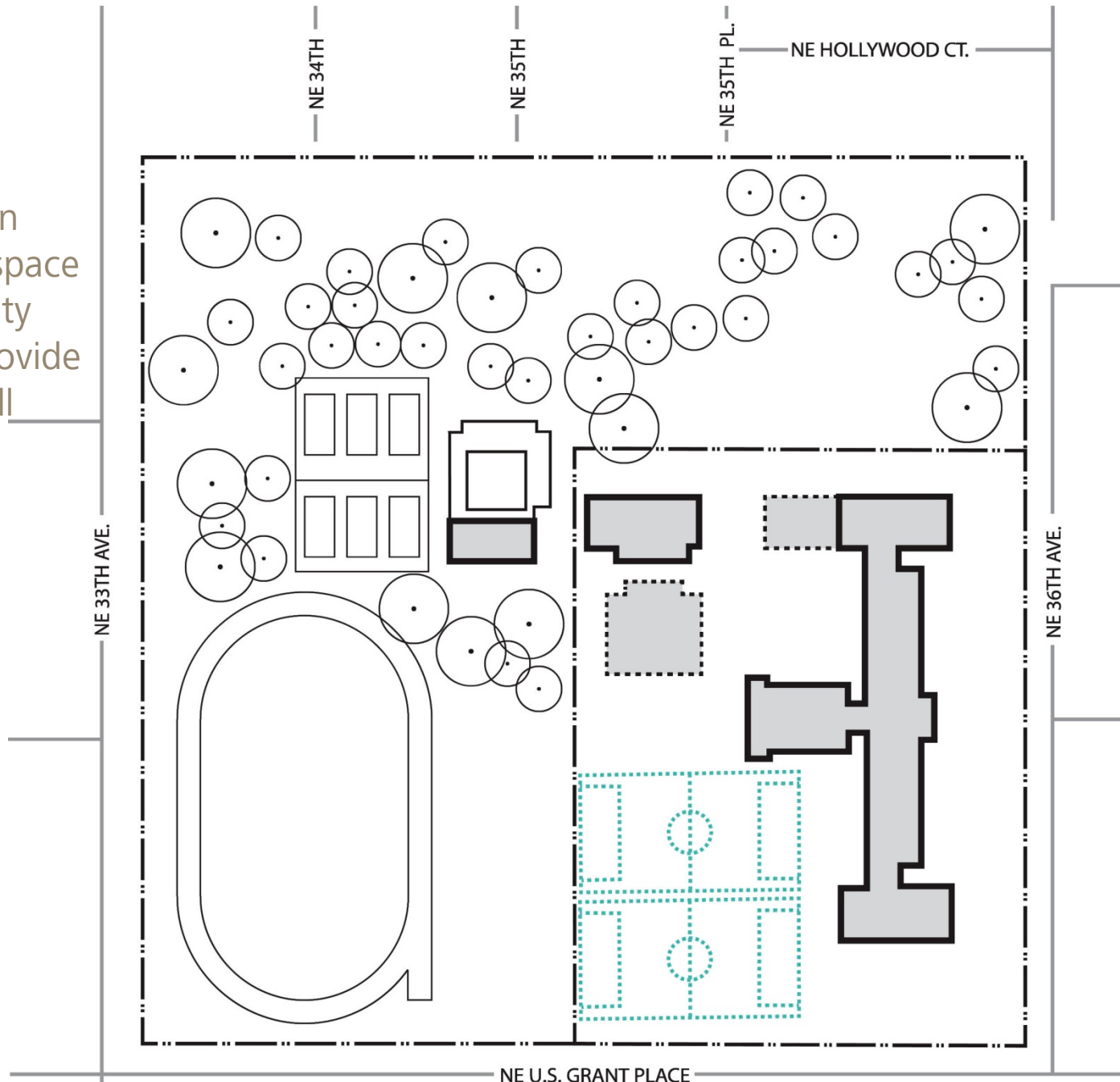
Themes

Push sports fields into Grant Park to maximize buildable area for Grant High School



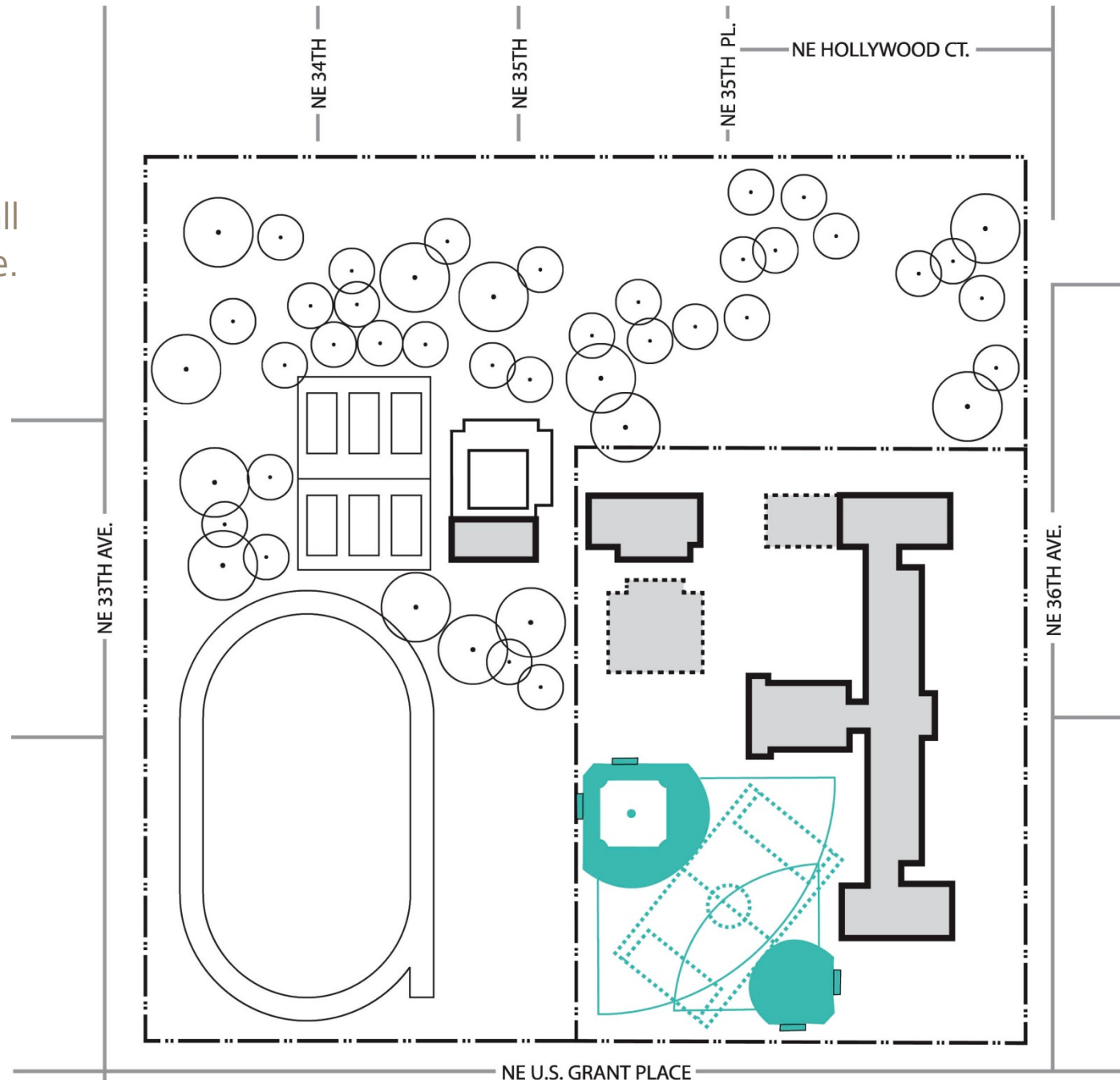
Themes

Keep sports fields on site as open green space to maximize flexibility and student use. Provide softball and baseball off-site.



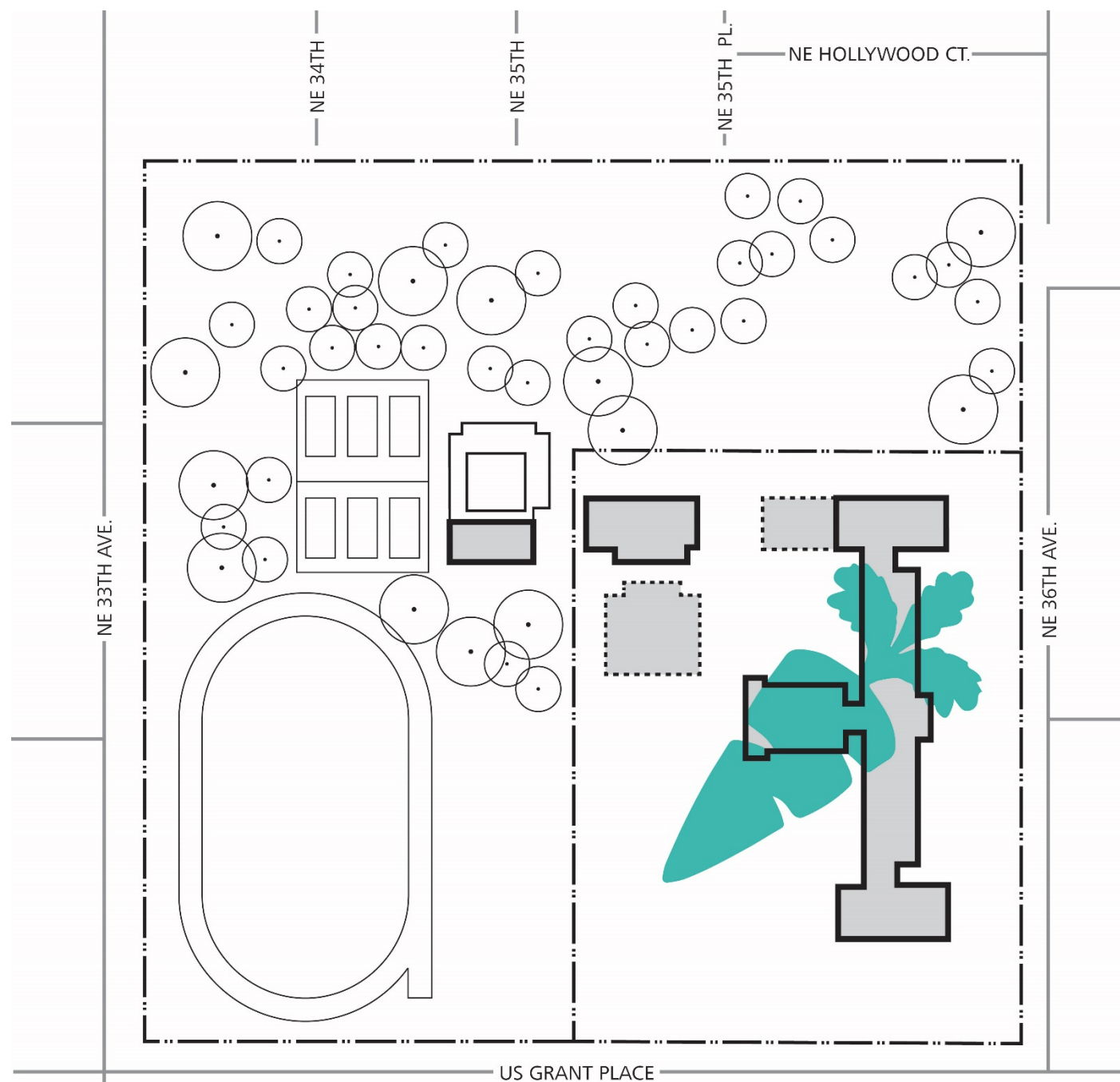
Themes

Provide both softball and baseball on-site.



Themes

Create a robust community garden

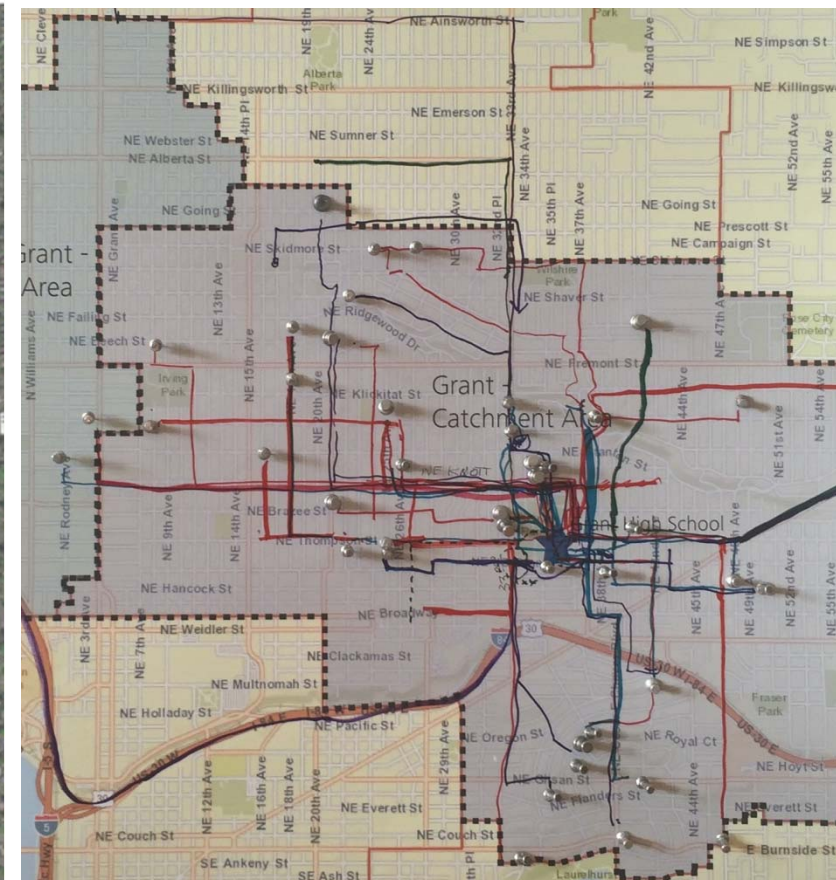
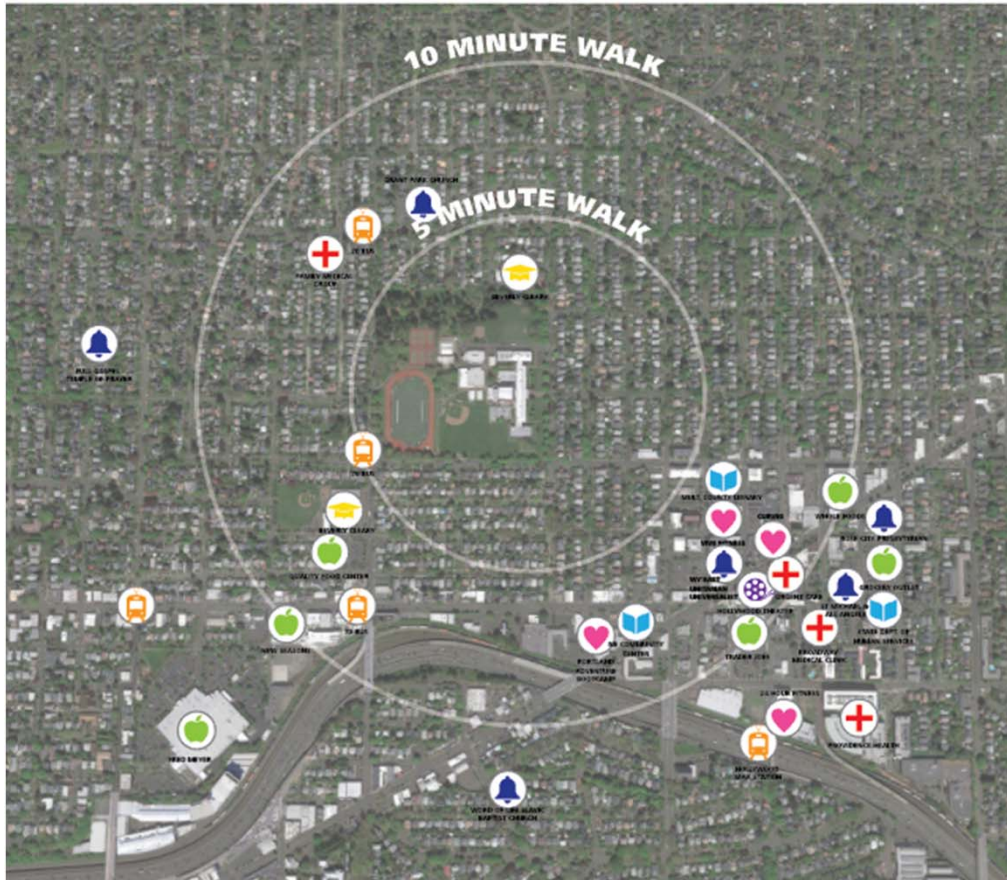


Listening Station 4: Partnerships

What are the **resources** around Grant?



Help us fill in the map with assets in your neighborhood.



-  ENTERTAINMENT
-  GROCERY
-  EDUCATIONAL
-  HEALTH & MEDICAL
-  CHURCHES
-  LIBRARY & SERVICES
-  TRANSIT
-  FITNESS

CENTER OF COMMUNITY 1

auditorium open for community lectures/speakers
 MAKERSPACE OPEN TO MIDDLE SCHOOL / COMMUNITY
 INTEGRATE G.H.S. & PARK
 FARMERS MARKET ~~MARKET~~ ON WEEKENDS
 Old Gym useable for a secondary performance space - more intimate productions theatre, dance, music

Hollywood Theater - video/script writing + dance room / DIGI PHOTO/VIDEO LAB
 Recording gear for local artists

Community lending library: tools, power tools/kitchen tools, etc.

multi-generations - elder programs, new parent workshop
 small, local artist space - gallery, stage
 artist residencies for students + community members
 outreach for vulnerable populations - connect students + services (non-profit agencies, etc.)

opportunities for all-age access to performance/multi-use (outdoor)

CENTER OF COMMUNITY 2

BUBBLE OF INDOOR FOR YEAR-ROUND USE
 POOL/COMMUNITY CENTER
 FIT NEIGHBORING ELEMENTARY + MIDDLE SCHOOLS TO USE - W/ ARE 1 DISTRICT! *

* THEATER IS BIG ENOUGH TO RENT OUT FOR YOUTH SYMPHONY, ETC.
 * PROFESSIONAL MUSIC PERFORMANCES & MULTI-USE PUBLIC SPACES (after school & weekends)
 * CHANCE FOR EACH GENERATION TO TEACH EACH OTHER (e.g. HS students teaching seniors) or seniors teaching youth!

accommodate all sports, all levels.
 * OUTDOOR THEATER / MUSIC / PERFORMANCE
 * PUBLIC PROTEST-SPEAKING

MANAGEMENT AND YOUTH STAFF PARTNERSHIP

Pool, Parks + Rec classes? Computer Literacy? Adult Literacy?
 * LIFETIME LEARNING
 * EMERGENCY REFUGE

COMMUNITY 3

On-site child care (to provide services to the community + educational opportunities for students)
 PARTNER W/ PCC FOR NIGHT CLASSES - HAVE OPEN SPACE FOR MUSIC CLASSES
 SPACE FOR REC - BASKETBALL GAMES + PRACTICE
 LARGE PERFORMANCE SPACE - CURRENTLY WE ARE THE LARGEST PERFORMANCE SPACE ON EAST SIDE (State of the Art)
 LET THE COMMUNITY USE THE PERFORMING ARTS CENTER DURING SUMMER - METROPOLITAN YOUTH SYMPHONY NEED NEW PERFORMANCE SPACE
 PCC REST JAZZ BAND
 PYP
 Beyond Community Wind Band
 Beaumont Middle School wants a performance space

SON SCHOOL MODEL: SAME MODEL * EARLY USEAGE
 COMMUNITY CONCERTS OTHER SCHOOL PERFORMANCES
 NEED 2000 SEATS (low budget seats)

COMMUNITY 4

Day Care

- Tutoring HS → elementary (intergenerational tutoring, arts project-based learning)
- meeting rooms with technology
- integrate site circulation with neighborhood (park + walk)
- maintain public use of open space
- better connections w/ Tr. Met for citywide access
- Multi-cultural Representation
- ADA
- Learning Spaces @ or above ground level.
- After-school + Summer cultural uses, incl. Art + Performance
- OPEN + UP! ACCESS TO SCHOOL FOR COMMUNITY + EVENTS. use of public ground is already pretty good - how can the building be the same?

If Grant were the center of community...

- Fitness Center (pool, gym, yoga +)
- Theater, Performance Space (community concerts, lectures +)
- Outdoor Theater/Public Space (park, farmers' markets, sports, concerts +)
- Workshop (makerspace, tool library +)
- Public Library
- Refuge, Outreach (emergency refuge, services for vulnerable populations +)
- Daycare (open to community)
- K-12 Tutoring Center (additional learning assistance)
- Multigenerational Learning (after-hour classes & adult learning)
- Rentable Venues (art gallery, meeting hall, flex space +)

POTENTIAL PARTNERS

Group 1

Design: Art Complex
 ADX
 SCAM
 PCC
 QFC
 PCH
 XPO
 P&S
 W. Adams Kennedy
 - ADULT center/after school/summer

Portland workforce alliance - CTE
 Career exploration
 College & career center

City of Portland
 B. W. Planning
 14 - Evans Street
 P&S

FBC
 - workforce development

CONSTRUCTION Industry
 W&P Cabinets
 - industry partners
 - large construction & design firms

ENERGY EFFICIENTS/Incentives/Design
 Bonneville Power Admin.
 P&S, and the P&S
 ENERGY TRUST

Portland - engineers/manufacturing
 Fabricators/Manufacturing
 Ability & (more than) people/industries

HEALTH
 VEATCHY - RAMBOLD
 CHESSMAN

Providence Hospital
 Providence Care Center
 Providence Elder Care
 - all the services and activities
 after hours

Kaiser Strong (kids) community health
 Hollywood Senior Center

Performing Arts
 Oregon Children's Theatre
 Candy for 72 - Theater

Nutrition
 Local markets
 Farmers market
 Health care provider

Physical activity
 Nike etc.

GRAND PARK
 Church/School

Potential Partners 2

CHEF'S TABLE (CUINARY SCHOOL/REST. BUS)

URBAN SQUASH PROGRAM

3D PRINTING

ASAM - ACAN JONES ACADEMY OF MUSIC

General Contractor - Partner w/ those that construct the built environment
 eg. (Schommer & Sons)

High school Practices - film + videography programs

AUTO SHOP USE

CS2 IMPROV THEATRE

Pre-K Schools - offer gifts students as mentors/tutors?

Businesses - Student Employment

POTENTIAL PARTNERSHIPS 3

Hollywood Theater
 What performers space exist to partner with?
 more kids in performing arts (music)
 than anything else

of suggestion

NAYA - Nat. Amer. Youth + Family org.

Hollywood Library
 NELL - North East Community Center
 straight blast gym - 50m dance

PSU
 Local Community Colleges

Oregon Symphony → IF 2000 Seat Hall
 Portland Symphonic Choir
 The whole East Side of Portland

NECC
 SEI - Self Enhancement Inc.

PARTNERSHIPS

Hollywood Theatre - public screening space @ Grant?

Providence Health Care
 Starbucks
 Legacy Emanuel Hospital
 Consult BFA

Fred Meyer / New Seasons
 Apple
 Nike
 Adidas

Oregon Symphony / Portland Festival Symphony (summer dancers)
 Oregon Auditorium
 Portland Opera

Multco Library - Hollywood Branch

Oregon Entrepreneur Network
~~Portland~~ Assoc. of Oregon
 REACH OUT TO PAST PARTNERS.

CH2M Hill
 David Evans + Ass.
 HDR
 SEI
 Literary Arts

PGE
 NW Natural
 Pacific Power
 Portland Center Stage
 Portland Art Museum
 Portland Business Alliance
 Portland Workforce Alliance
 PORTLAND DESIGN MUSEUM

Digital Media
 Social Creativity
 Audio Services
 Film Lab

Imagine if Grant had a partnership with...

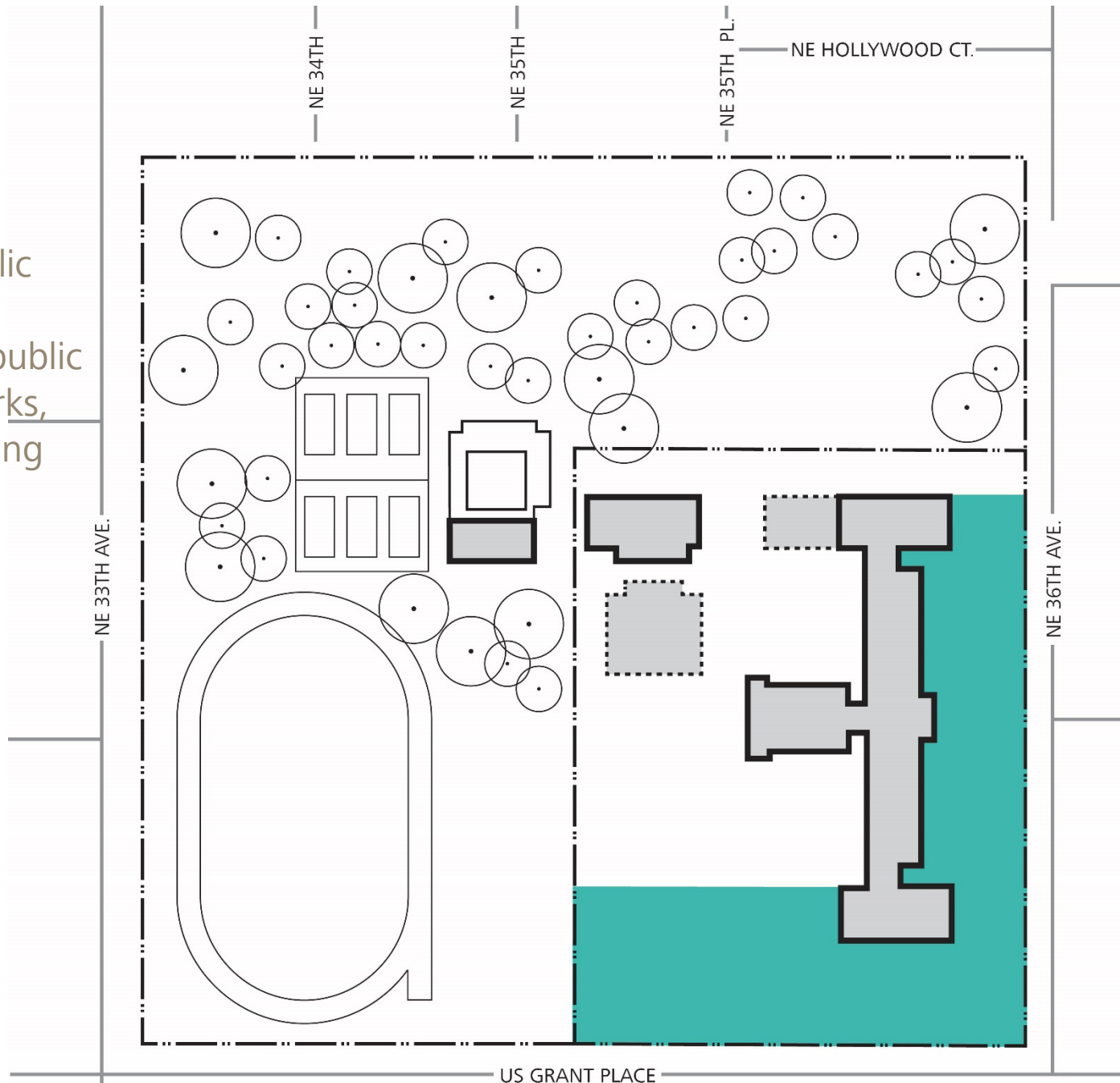
- Art & Design (Weiden & Community, Ziba, ADX, PNCA +)
- Construction Industry (local contractors & local architects +)
- Performing Arts (Oregon Symphony, Ballet, Opera, Theater +)
- Digital Media (Hollywood Theater +)
- Culinary Arts (food carts, local restaurants +)
- Public Transportation (coordinate trimet bus/school schedules +)
- Health & Medicine (Providence, Legacy, Kaiser +)
- Sports (Nike, Adidas +)
- Engineering (Boeing, 3D printing, robotics, local engineering firms +)
- Nutrition (New Seasons, QFC, Whole Foods, Fred Meyer +)

Sketching Exercise



Themes

Create a shared use zone along the public edges of the site – consider including public gardens, pocket parks, open space, gathering plazas, raingardens, bike racks, etc.

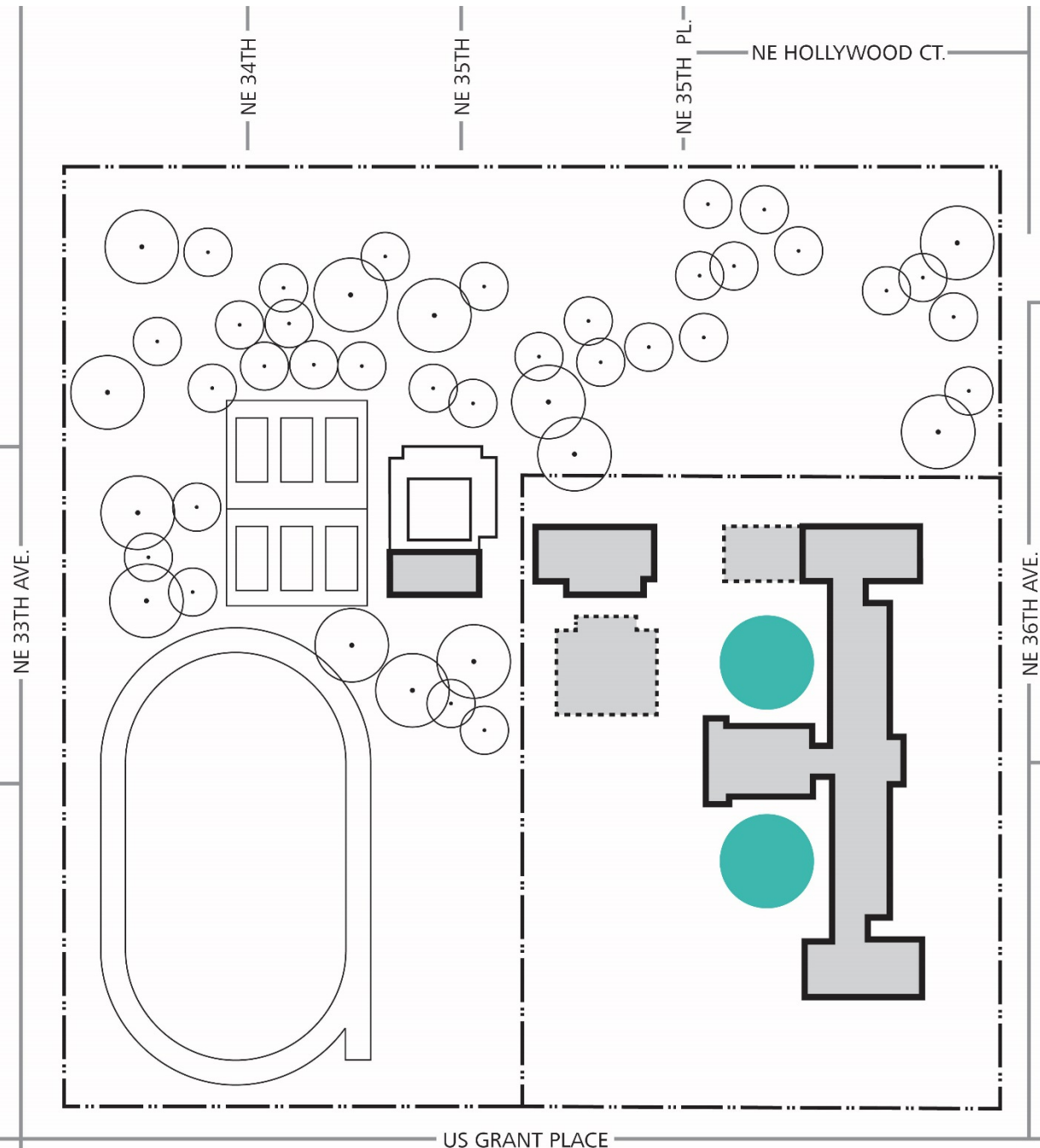


Themes

Create outdoor learning courtyards with strong interior/exterior connectivity

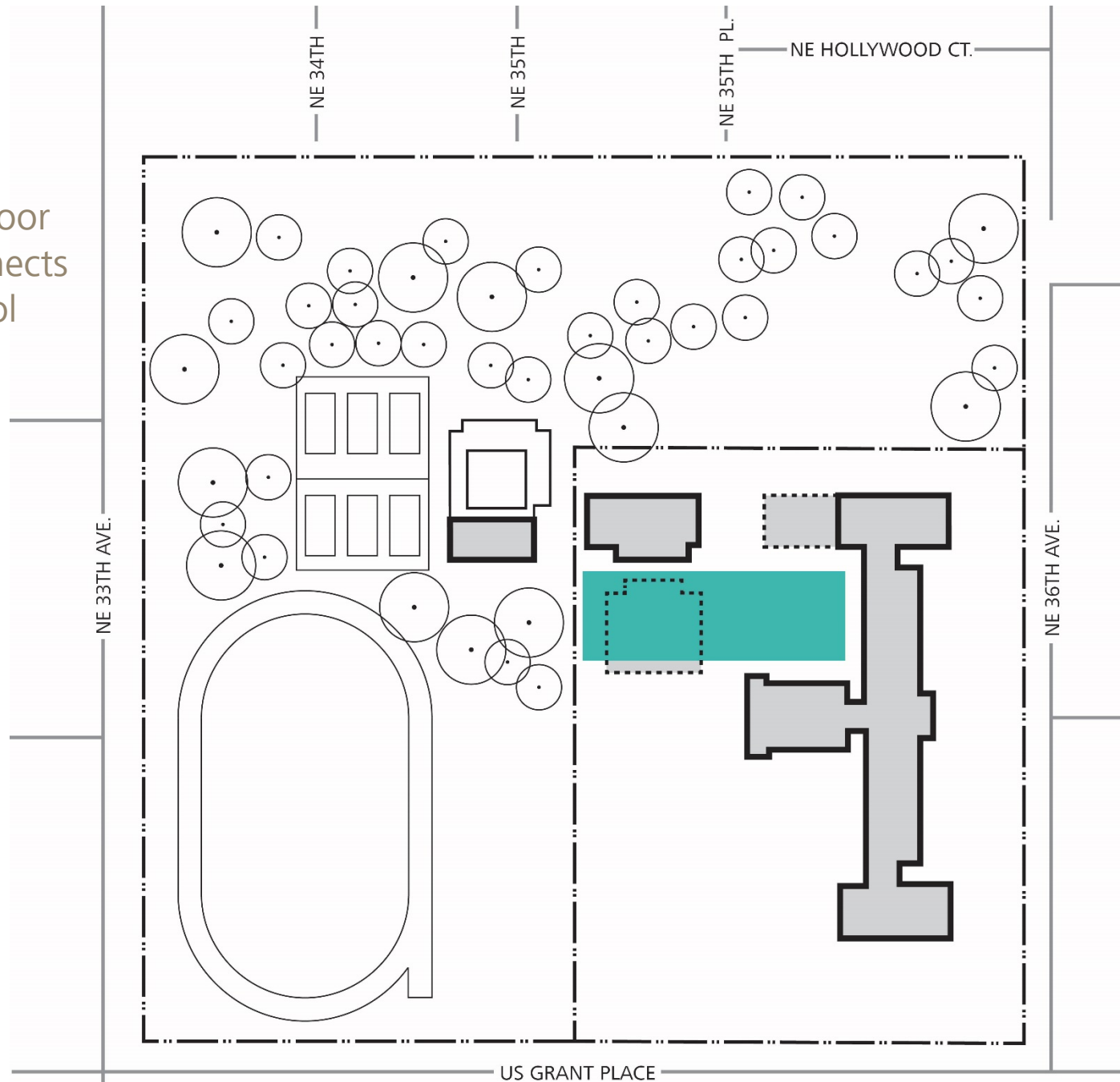
Provide outdoor social gathering areas central to campus where students can gather and clump safely

Integrate outdoor areas with the educational program



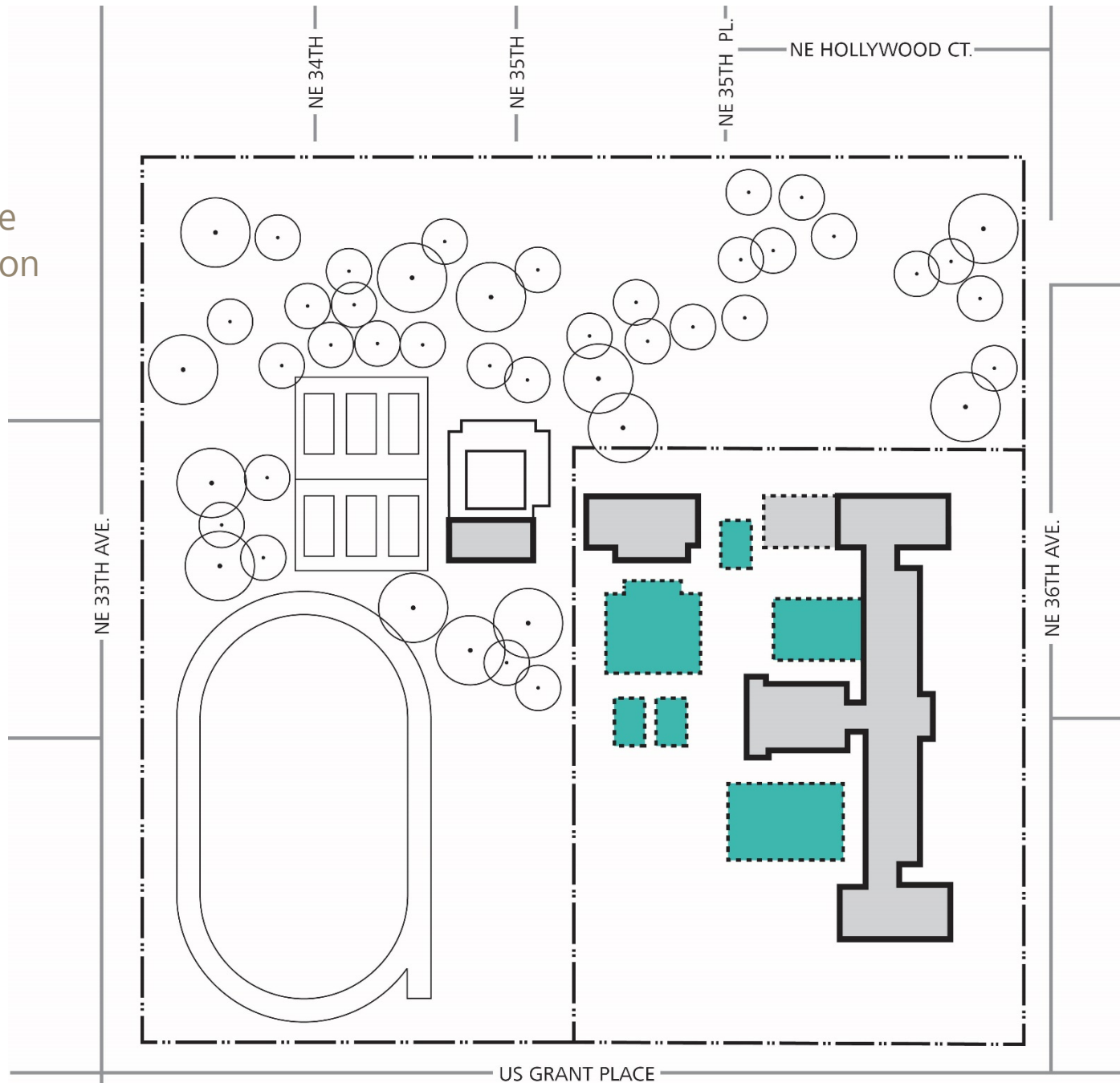
Themes

Create a large outdoor courtyard that connects to the park and pool



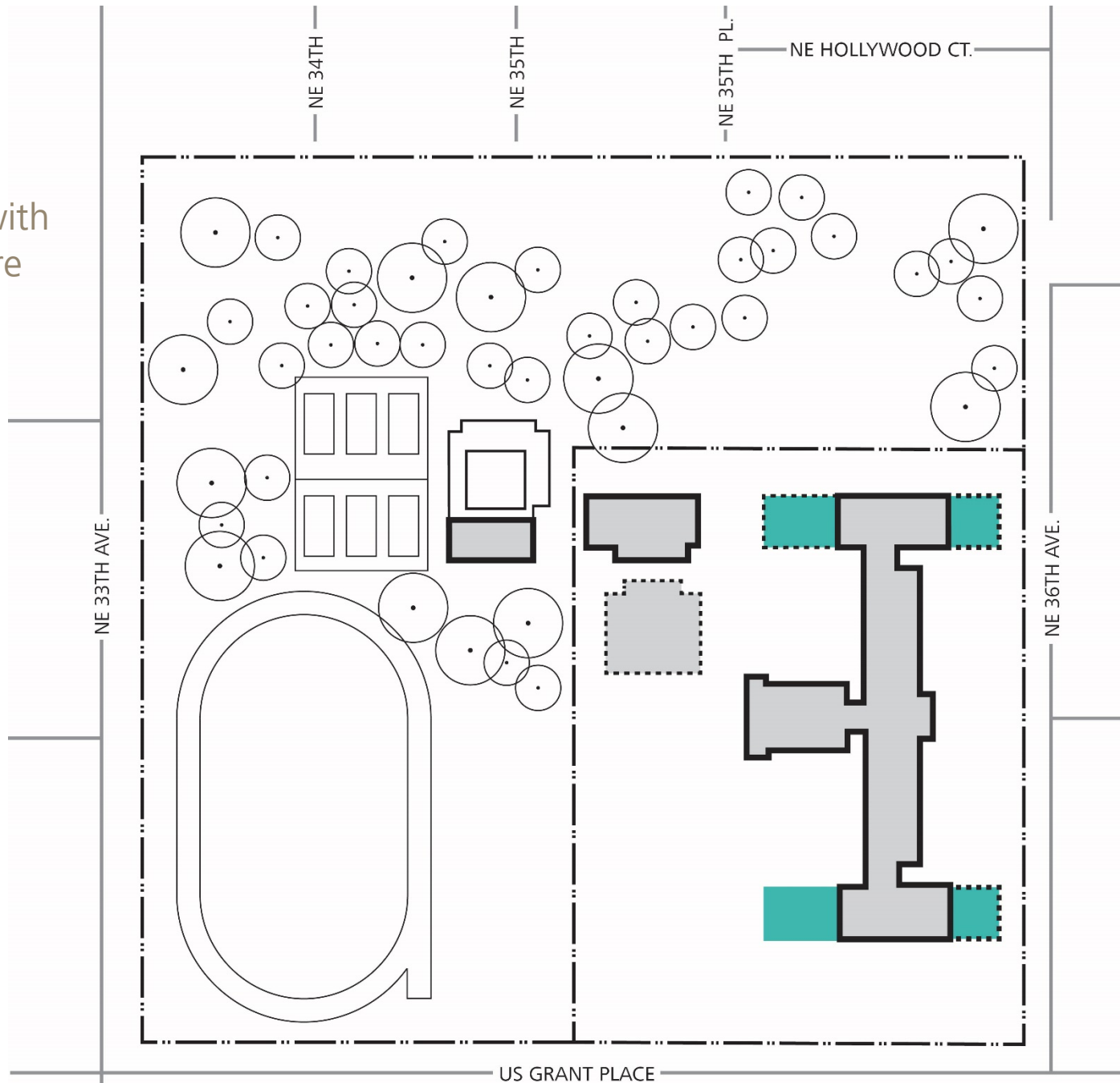
Themes

Areas that should be studied for demolition



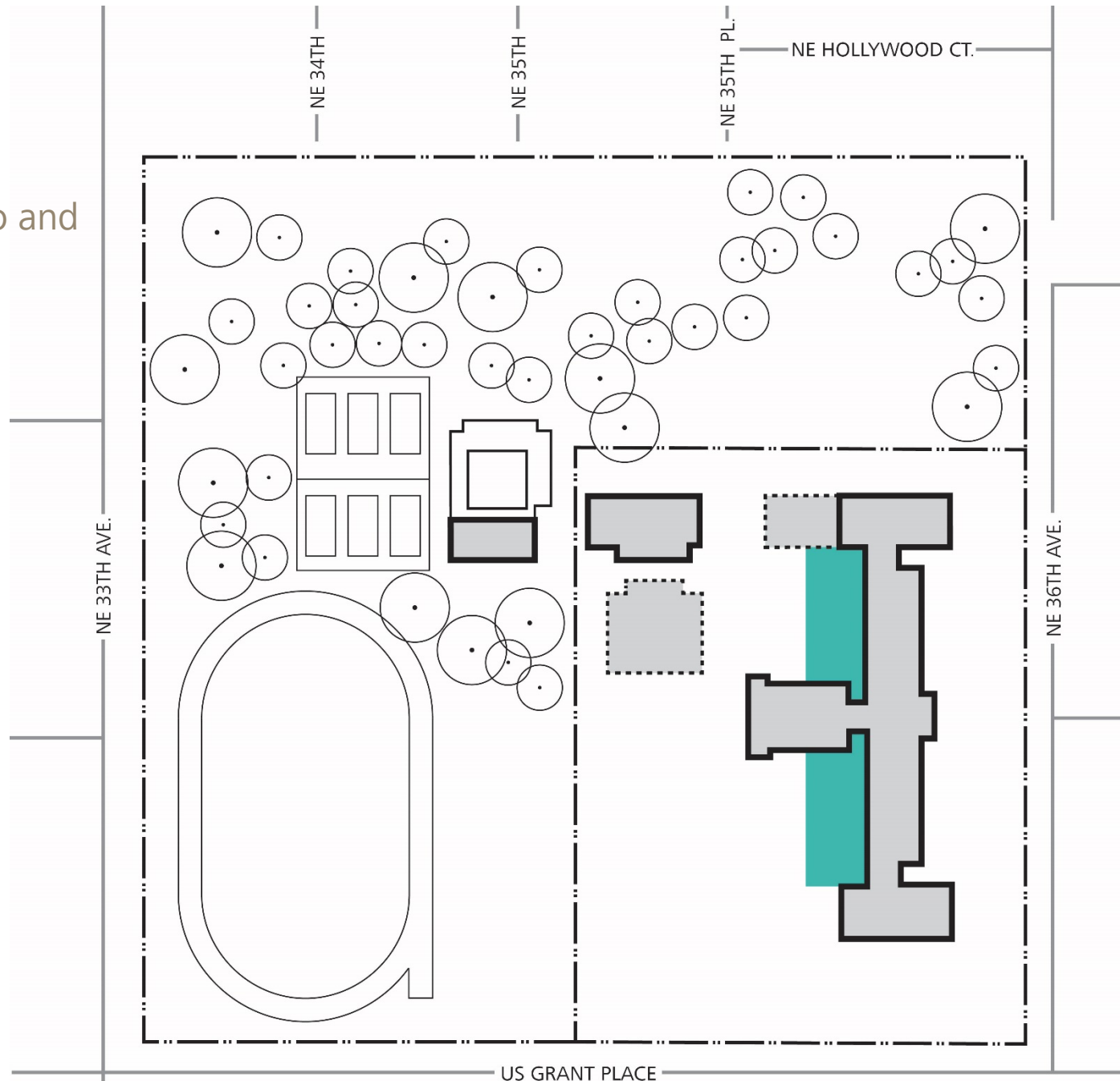
Themes

Additions in grain with the existing structure were popular



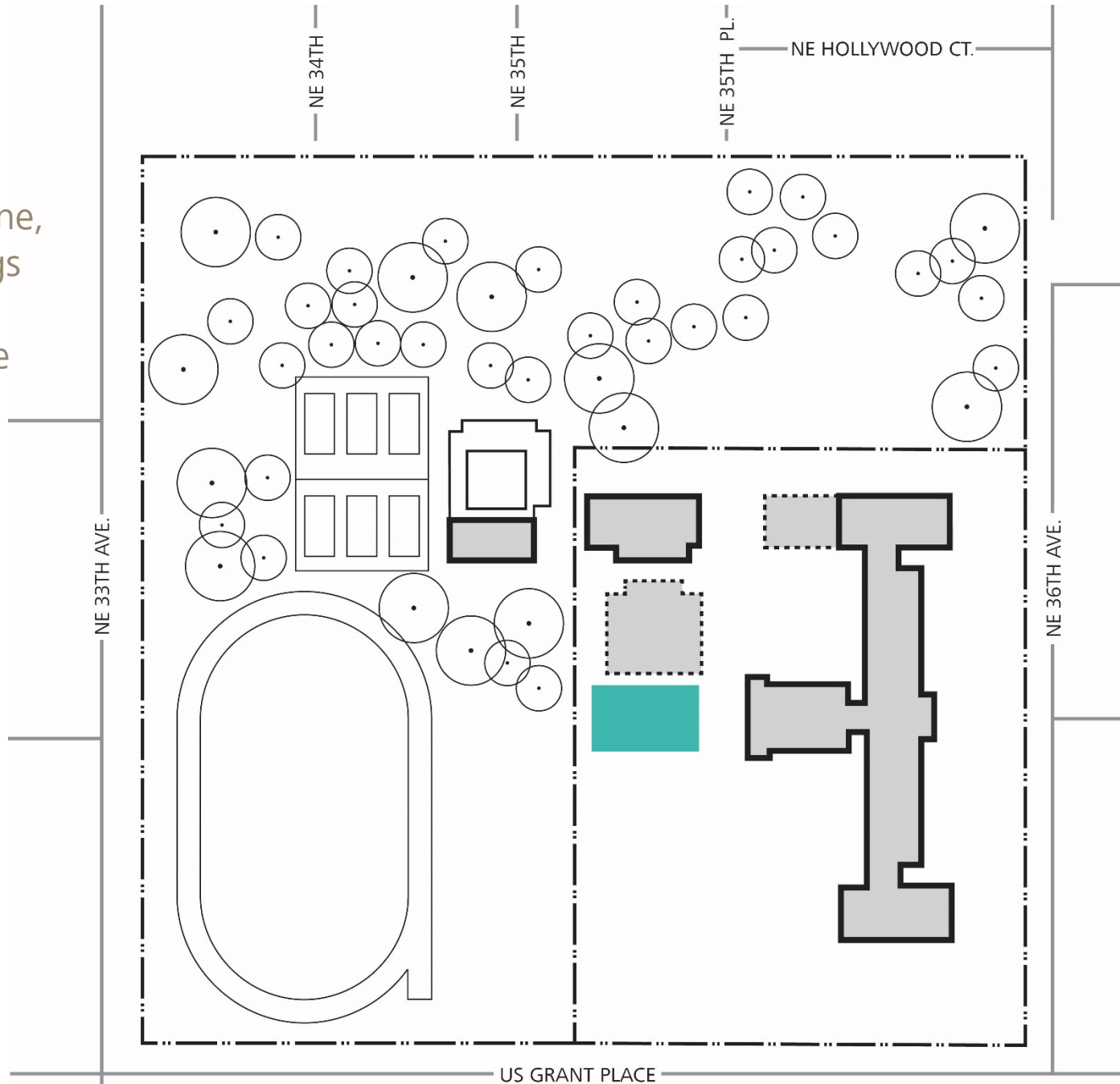
Themes

Additions parallel to and west of the existing structure were also popular



Themes

Any new, stand-alone, large or tall buildings should be located centrally, behind the existing theater



Project Overview

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- :: **Historic Renovation ≠ Compromise?**
- :: Focus on Performance Venue Considerations
- :: Overview of Today's Workshop

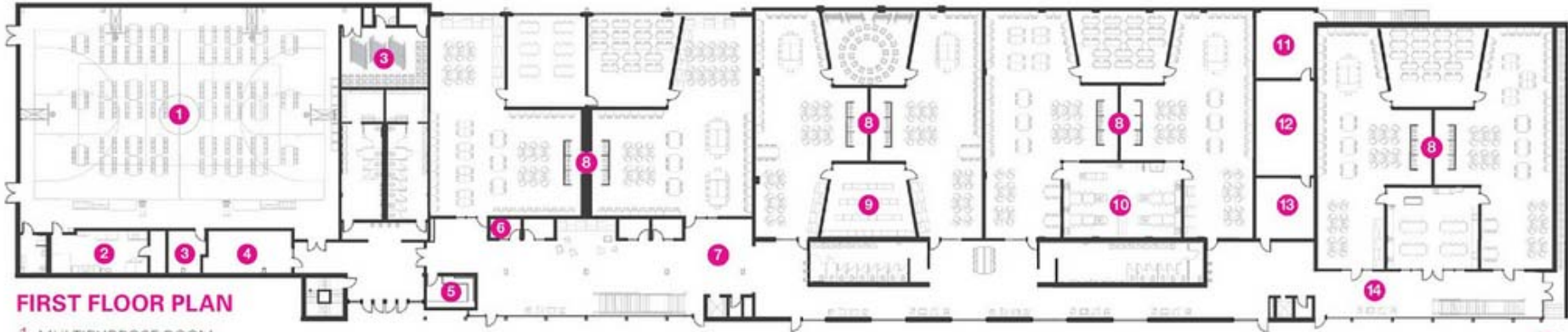


Ed Spec: Core Program

Teaching Stations

- General Education Teaching Stations
- Science Labs
- Fine & Performing Arts
- Career Preparation / CTE
- Athletics
- SPED, Life Skills, & ELL
- Smaller Instructional Spaces

Virtual Tour-



FIRST FLOOR PLAN

- 1 MULTIPURPOSE ROOM
- 2 WARMING KITCHEN

- 3 STORAGE
- 4 LEARNING LAB
- 5 RECEPTION
- 6 HUDDLE ROOM
- 7 NORTH ATRIUM
- 8 GRADE LEVEL PODS
- 9 DIGITAL LAB
- 10 CHEMISTRY LAB
- 11 MECHANICAL ROOM
- 12 ELECTRICAL ROOM
- 13 STAFF ROOM
- 14 SOUTH ATRIUM

Intrinsic School
Chicago, IL

Virtual Tour-

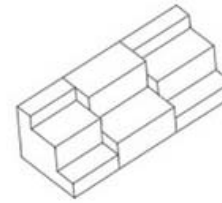


Intrinsic School
Chicago, IL

Virtual Tour-

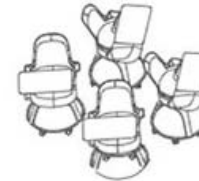


Intrinsic School Chicago, IL



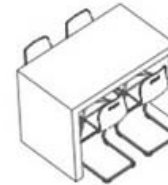
STUDY LOUNGE

These soft seating risers are used as an alternative learning location for students during independent study periods.



POP-UP CLASS

Prompted by real time metrics, an instructor can gather up to 10 students struggling with the same concept and mediate understanding with an impromptu direct-instruction session around an interactive whiteboard.



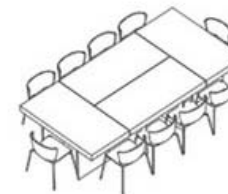
GENIUS BAR

Typically attended by one instructor, this primary supervision location also serves as a place where any student can seek counsel.



COASTLINE

As the most introspective space in the pod, the Coastline affords students a place to focus on personalized learning, primarily mediated through digitally delivered video and audio on Chromebooks outfitted with earbuds. On the Coastline, each student learns at their own velocity, achieving mastery of foundational concepts before tackling more ambitious ones.



X-TABLES / EXCHANGE TABLES

As the home of collaborative learning, this is the place where students actively engage with one another, making connections and elaborating on topics to achieve a deeper and more durable understanding. A light fixture with an oversized shade hovers over the tables, serving both as a landmark and an acoustical absorber.



Virtual Tour- STEM Labs

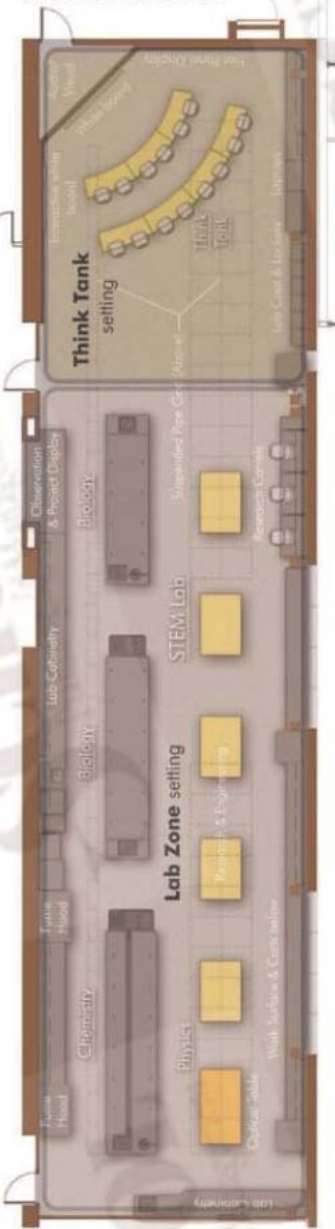


Niles West/North High Schools
Skokie, Illinois



3000 SF labs dividing into “think tank” for presentations and “flex lab” for research & experiments

Virtual Tour- STEM Labs






Ed Spec: Core Program

General Education

- English
- Math
- Social Studies
- Health
- World Language
- Electives

Virtual Tour- Classroom Clusters



 The Third Teacher+
by CANNON DESIGN



Grant: Current Program

Career Technical Education (CTE) & Electives

Grant Magazine
Student Leadership
Digital Media
Graphic Design
Photography
Robotics
Audio Engineering
Engineering

Computer Science
Business Finance
Accounting
Yearbook
Marketing

Virtual Tour- Career Technical Education



Blue Valley Center for Advanced Professional Studies
Overland Park, Kansas

Virtual Tour- Career Technical Education



Blue Valley Center for Advanced Professional Studies
Overland Park, Kansas

Virtual Tour- STEAM



High Tech High
Chula Vista, CA

Virtual Tour- STEAM



High Tech High
Chula Vista, CA





Ed Spec: Future Program

Extended Learning

Virtual Tour- Shared Spaces



North Shore Country Day School
Winnetka, Illinois

Virtual Tour- Shared Spaces



North Shore Country Day School
Winnetka, Illinois

Virtual Tour- Small Groups



Alexandria Area High School
Alexandria, MN

Virtual Tour- Shared Learning



Marysville Getchell High School
Marysville, WA

Virtual Tour- Shared Learning



Marysville Getchell High School
Marysville, WA



Ed Spec: Program

Fine & Performing Arts

Art Room (2D)

Art Room (3D)

Band Room

Choir Room (Optional)

Dance

Drama Classroom/Blackbox

500 Seat Theater

Stage

Orchestra Pit

Virtual Tour- Performing Arts



Baton Rouge Magnet High School
Baton Rouge, LA



Ed Spec: Program

Education Support

Administration

Teacher's Offices

Counseling & Career

Student Activities (**Athletic Staff**)

Technology Access (**Computer Labs**)

Student Center (**Cafeteria Commons**)

Media Center (**Library**)

Student Space (**Student Government**)

Custodial Staff

Virtual Tour- Dining



Alexandria Area High School
Alexandria, MN

Virtual Tour- Dining



Branson School Student Commons
Ross, CA





The Power to Collaborate

“People converse and collaborate almost naturally when there is flexibility and comfort”



Qualities of Collaborative Environments

Spacious: easy to move to and through

Flexible for fits of inspiration

Transparent: everyone can see each other

Comfortable: Spaces people want to be in, and gravitate towards

Mixed: balance programmed and un-programmed spaces in close proximity

Connected: learn from each other

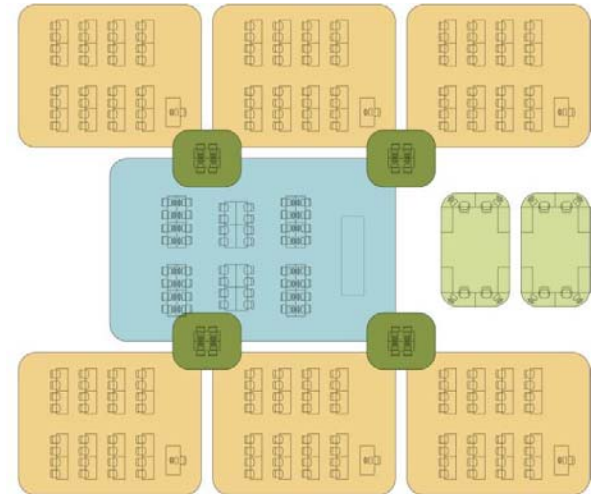
Planning Concepts

Core Learning

Traditional



21st Century



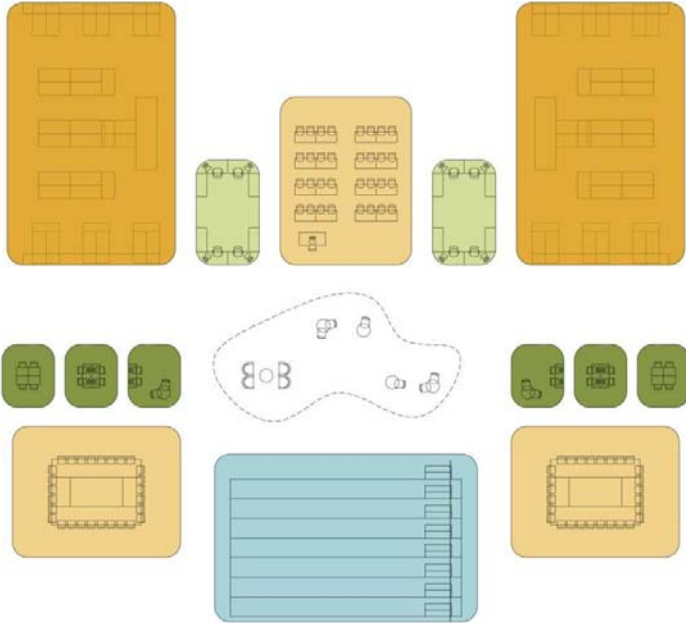
Planning Concepts

Core Learning

Traditional



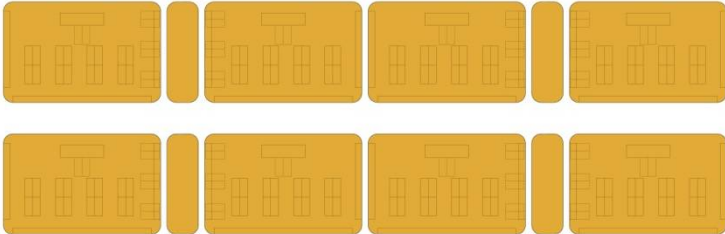
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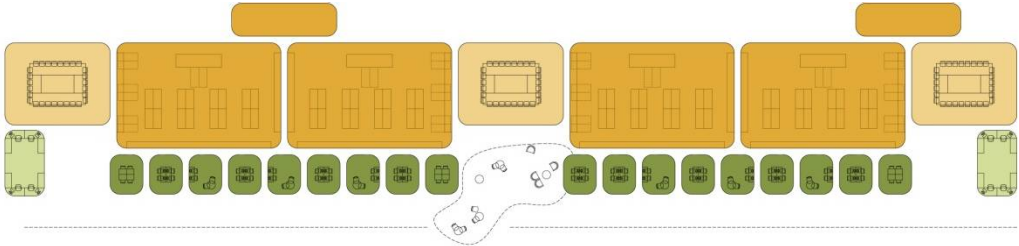
Planning Concepts

Science

Traditional



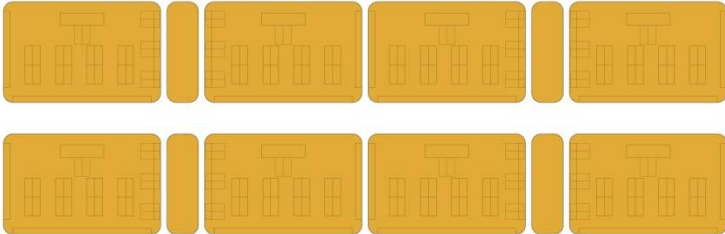
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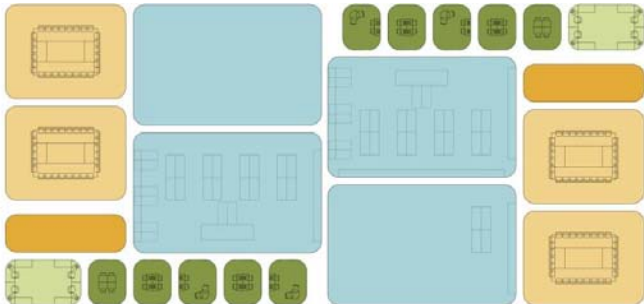
Planning Concepts

Science

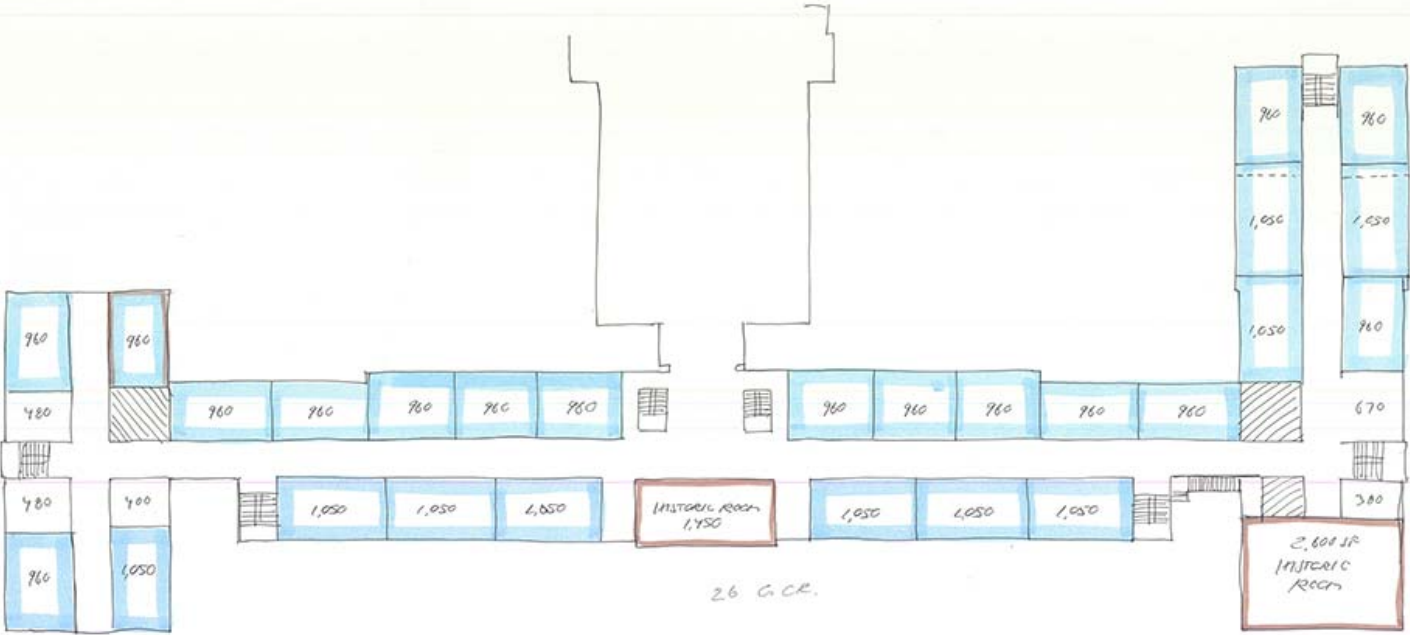
Traditional



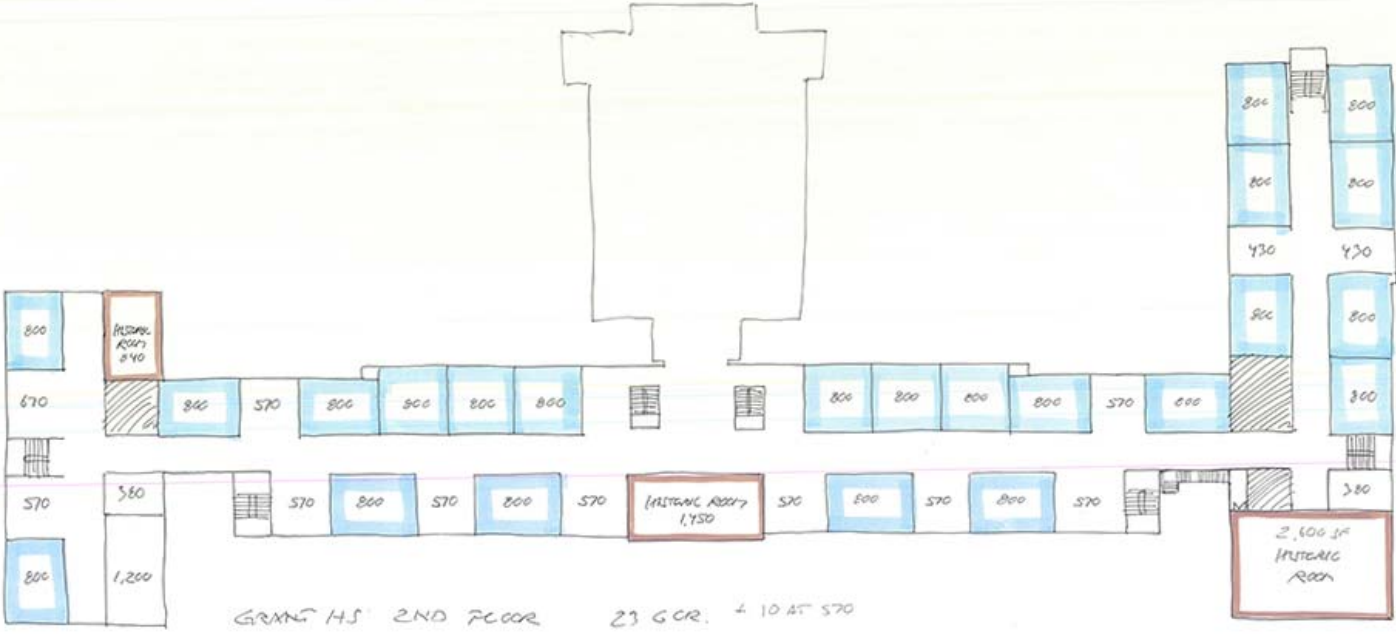
21st Century



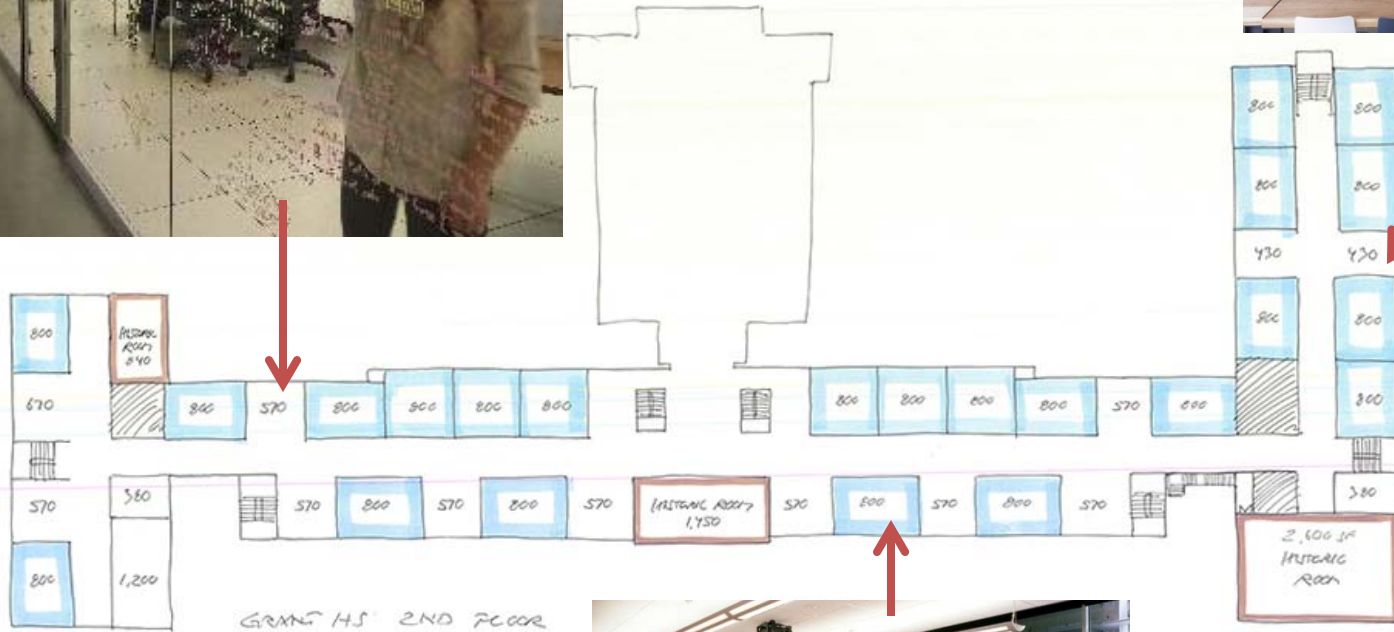
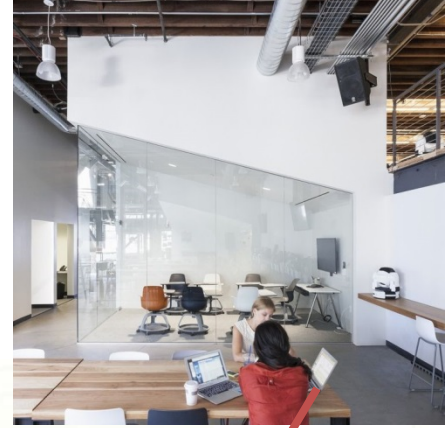
Planning Concepts in Historic Context



Planning Concepts in Historic Context



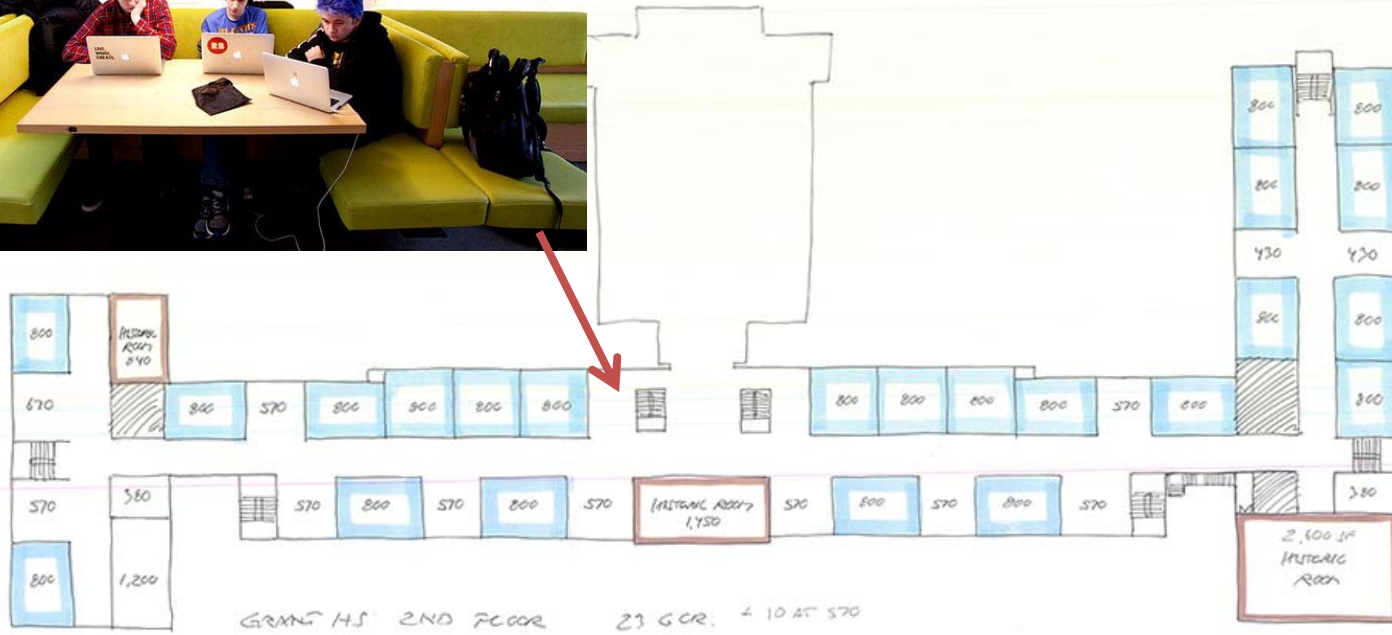
Planning Concepts in Historic Context



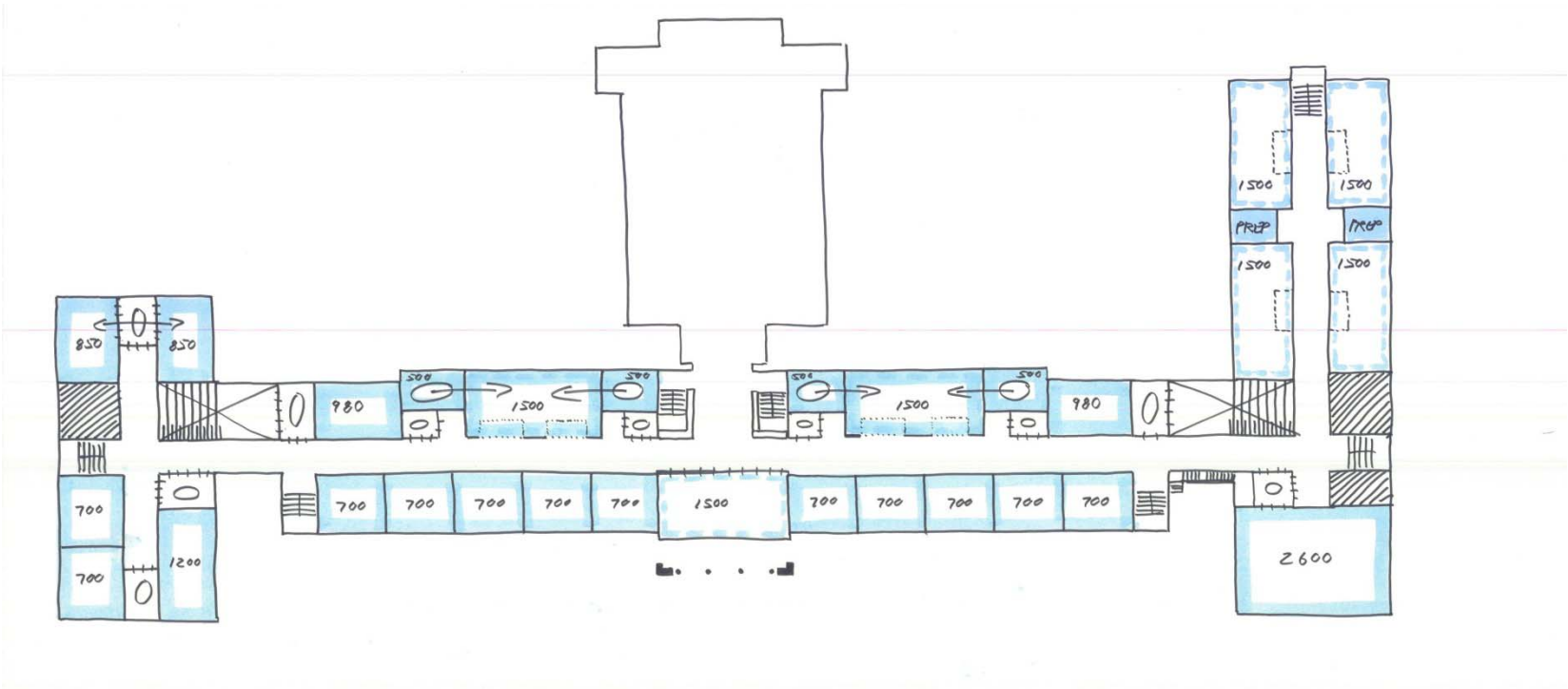
Planning Concepts in Historic Context



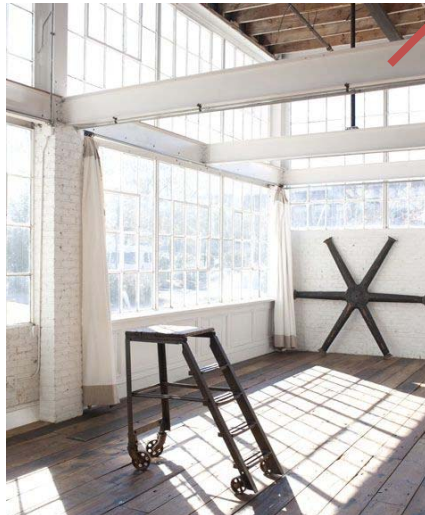
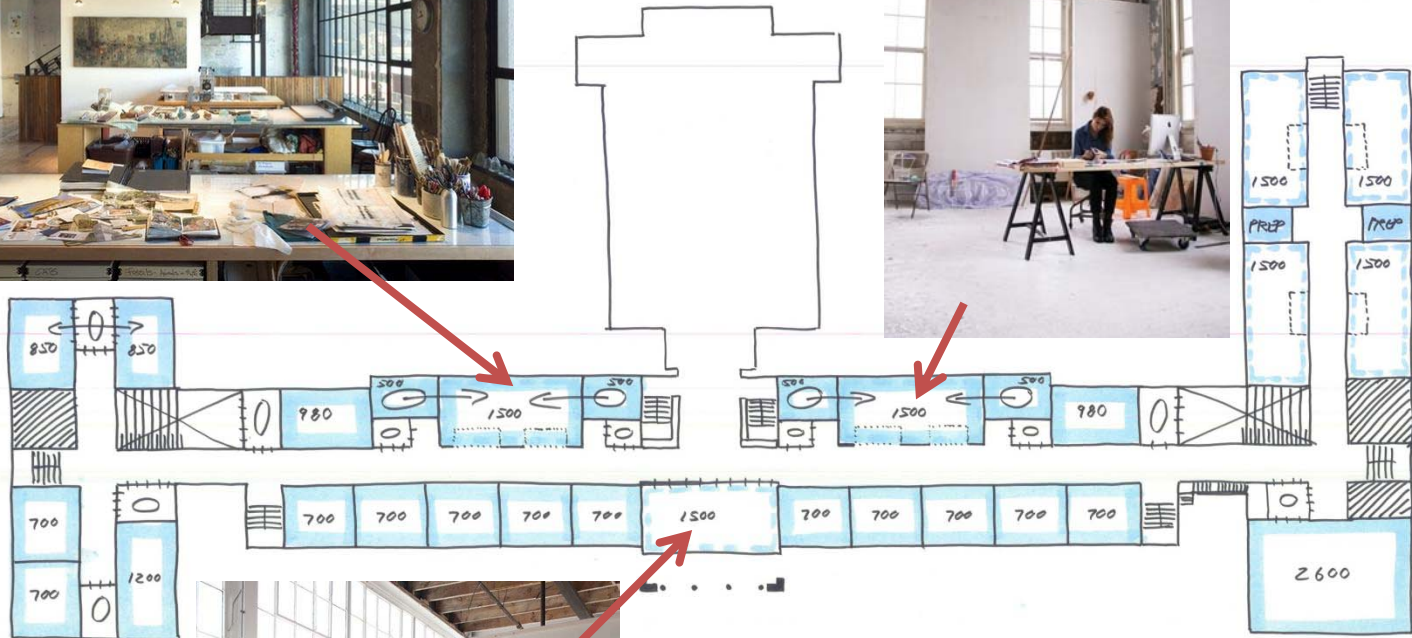
Planning Concepts in Historic Context



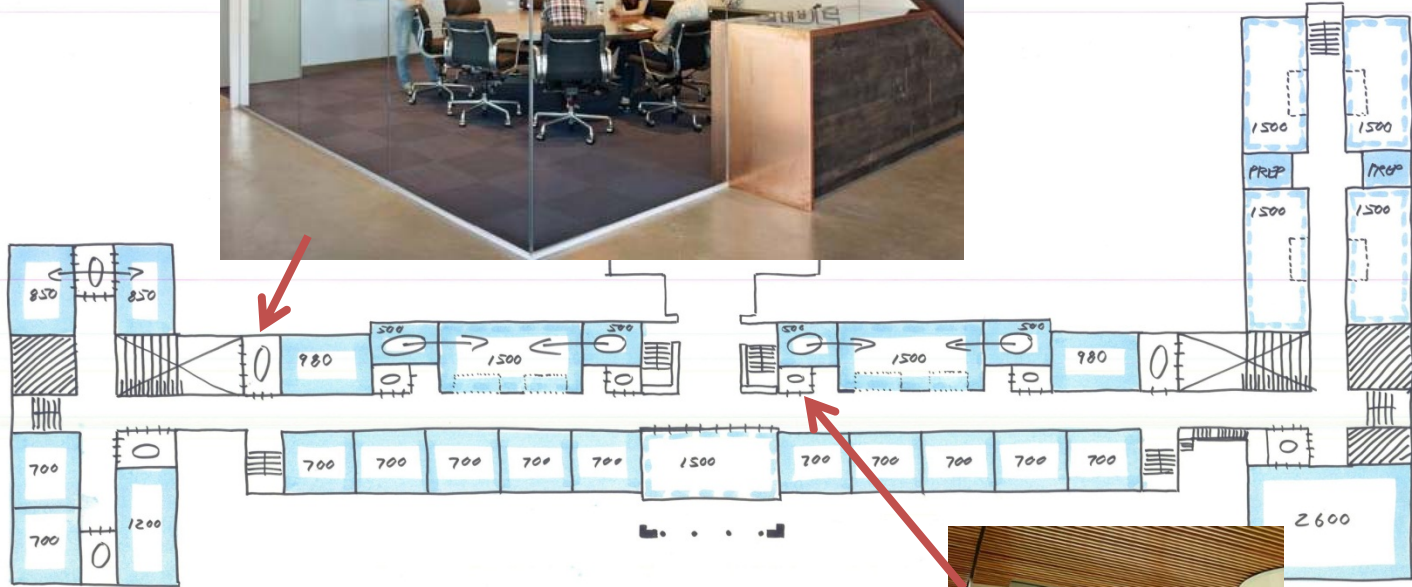
Planning Concepts in Historic Context



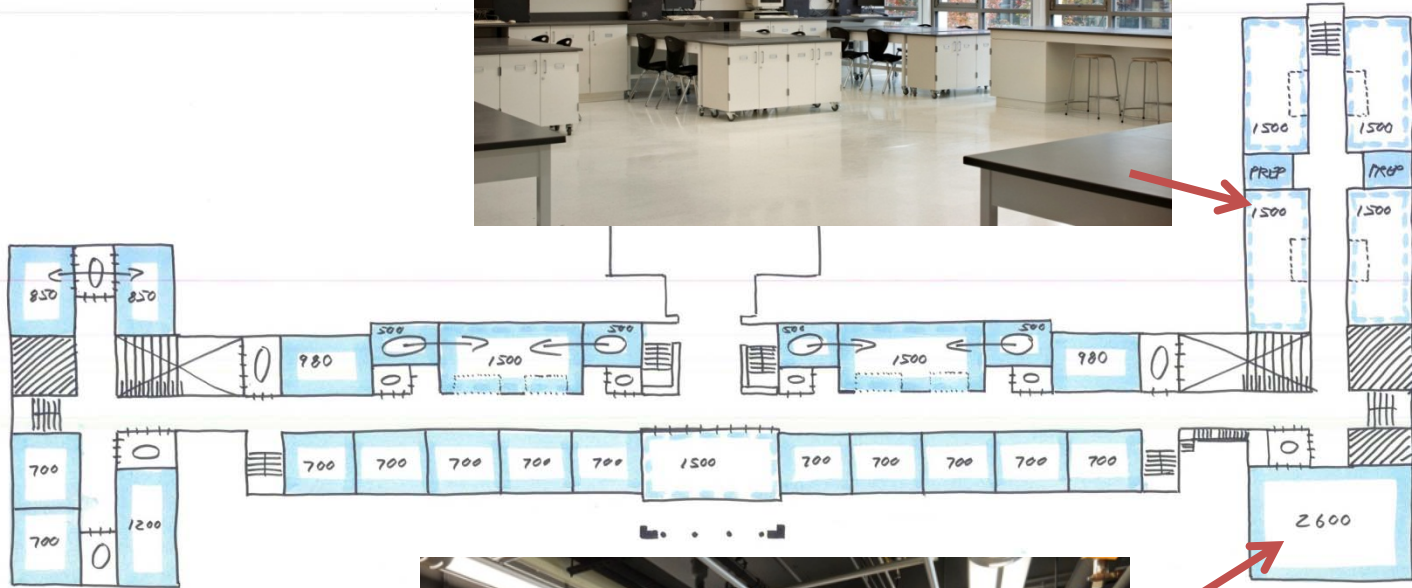
Planning Concepts in Historic Context



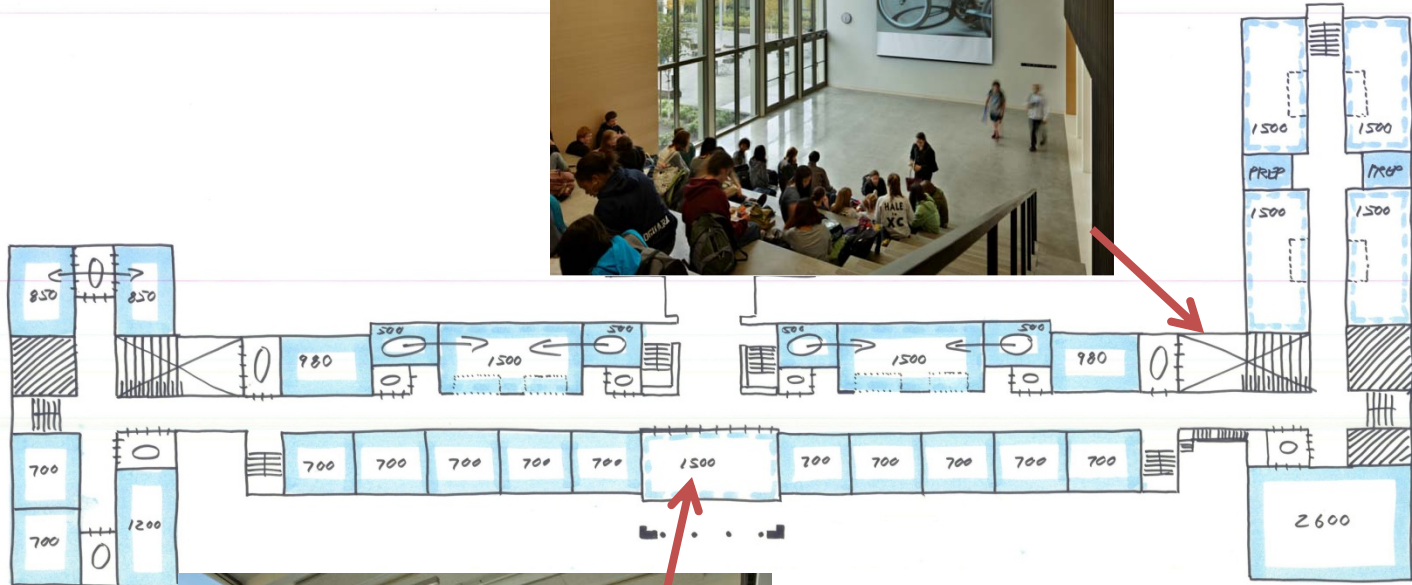
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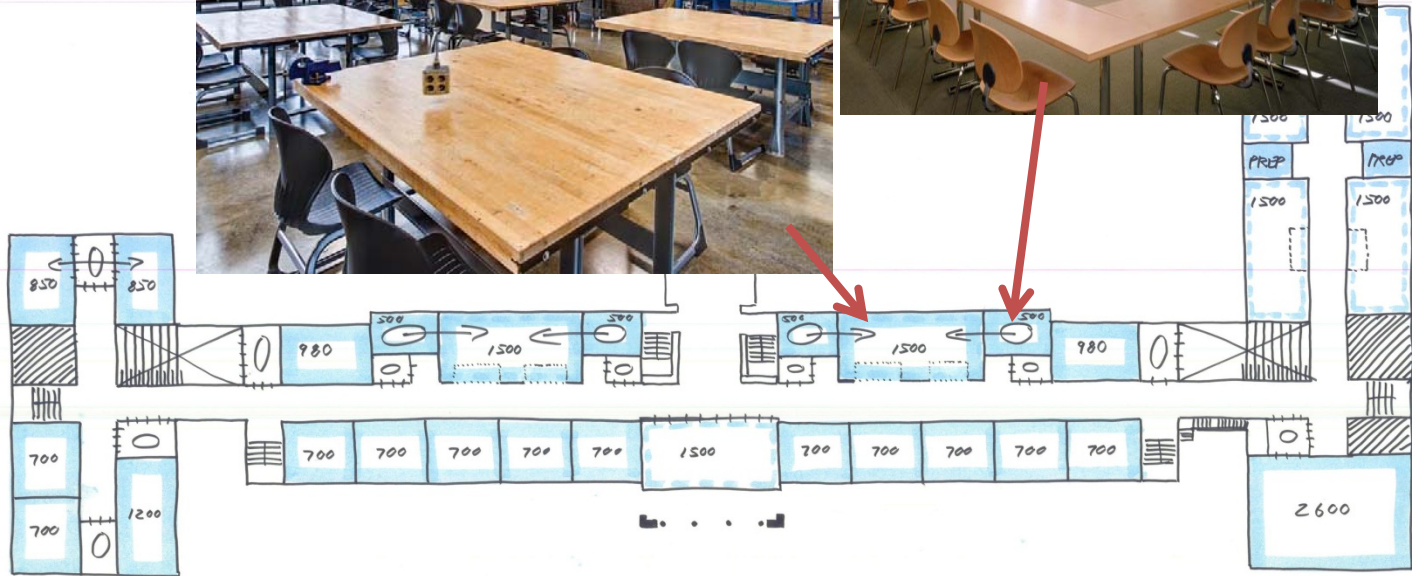
Planning Concepts in Historic Context



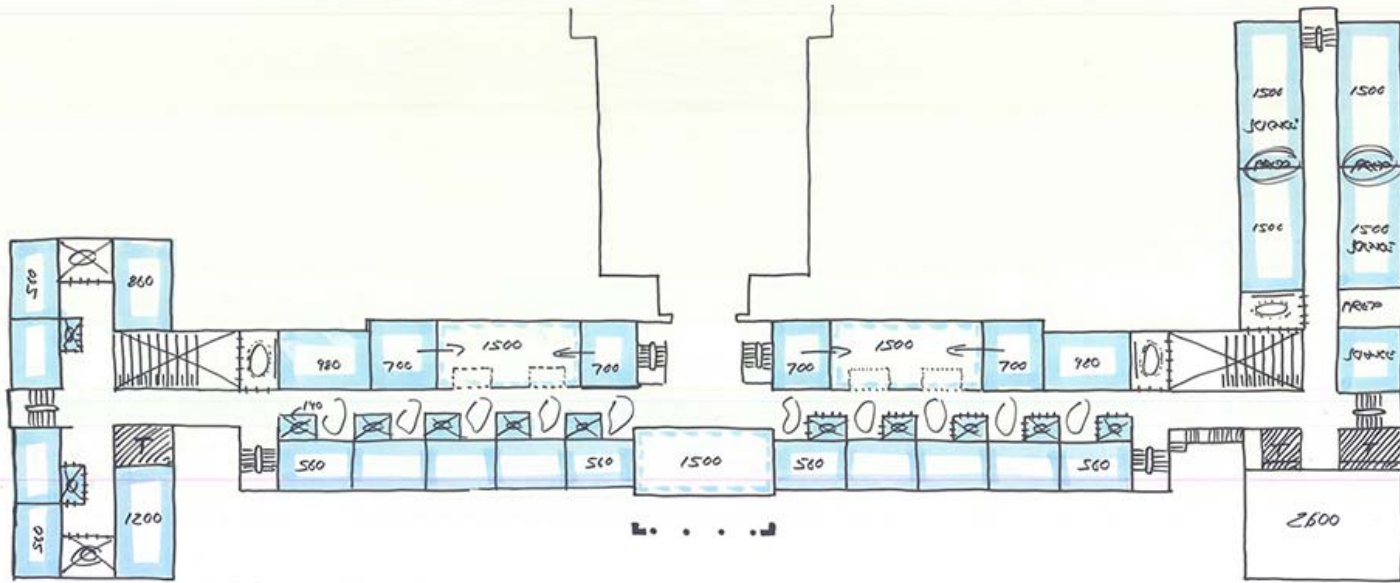
Planning Concepts in Historic Context



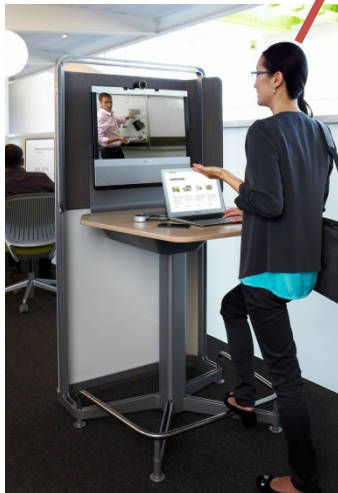
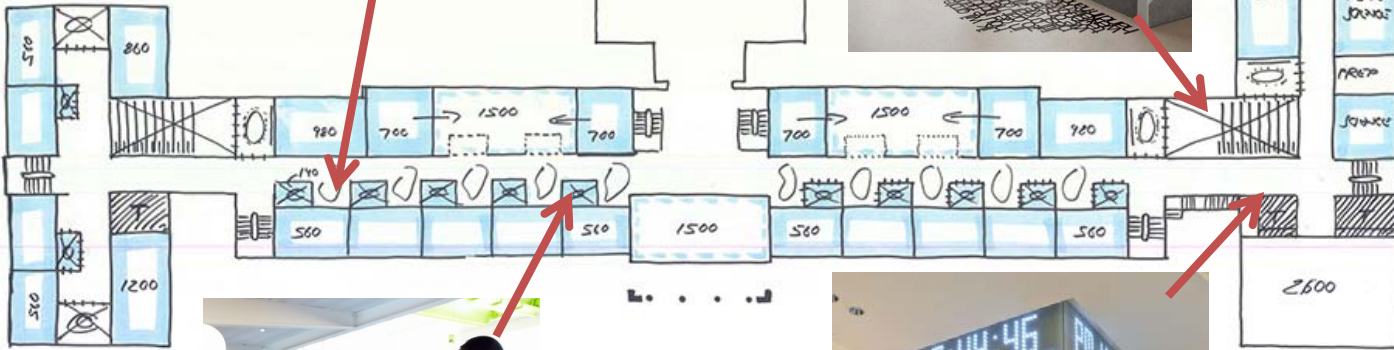
Planning Concepts in Historic Context



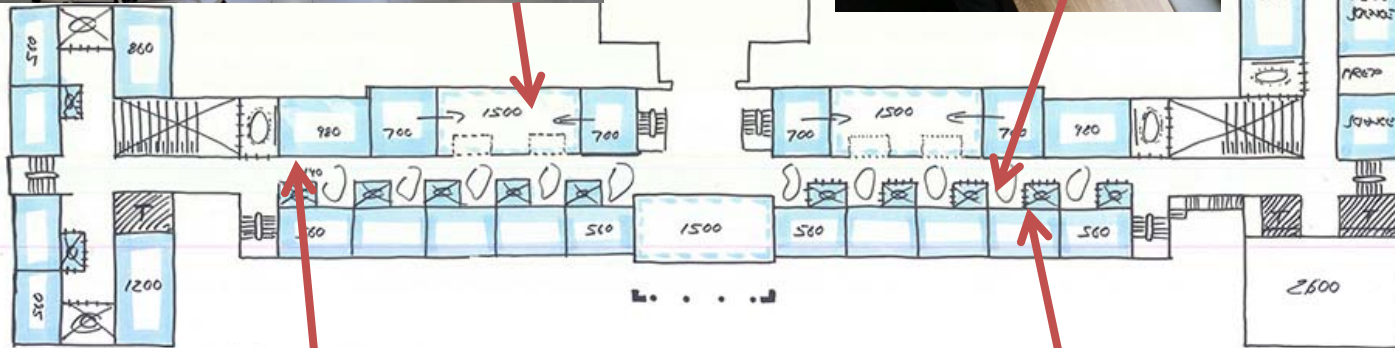
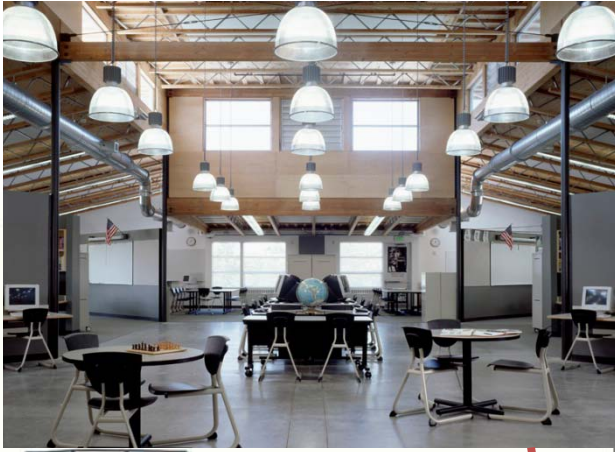
Planning Concepts in Historic Context



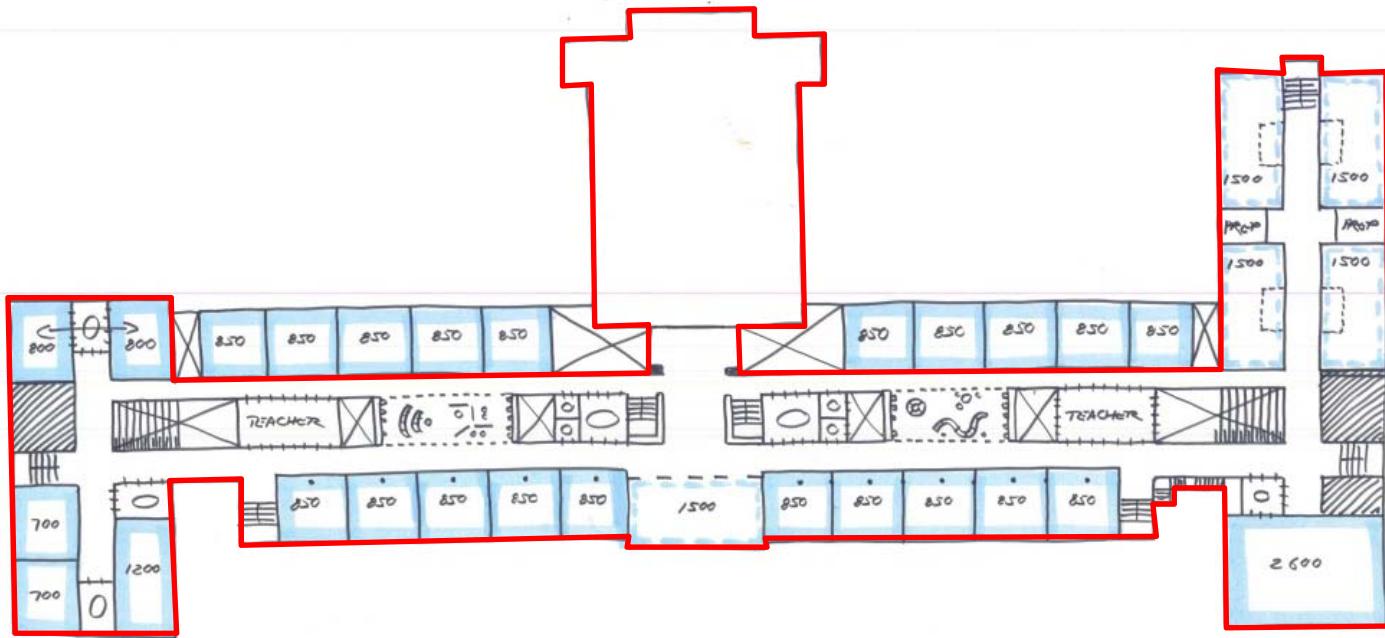
Planning Concepts in Historic Context



Planning Concepts in Historic Context

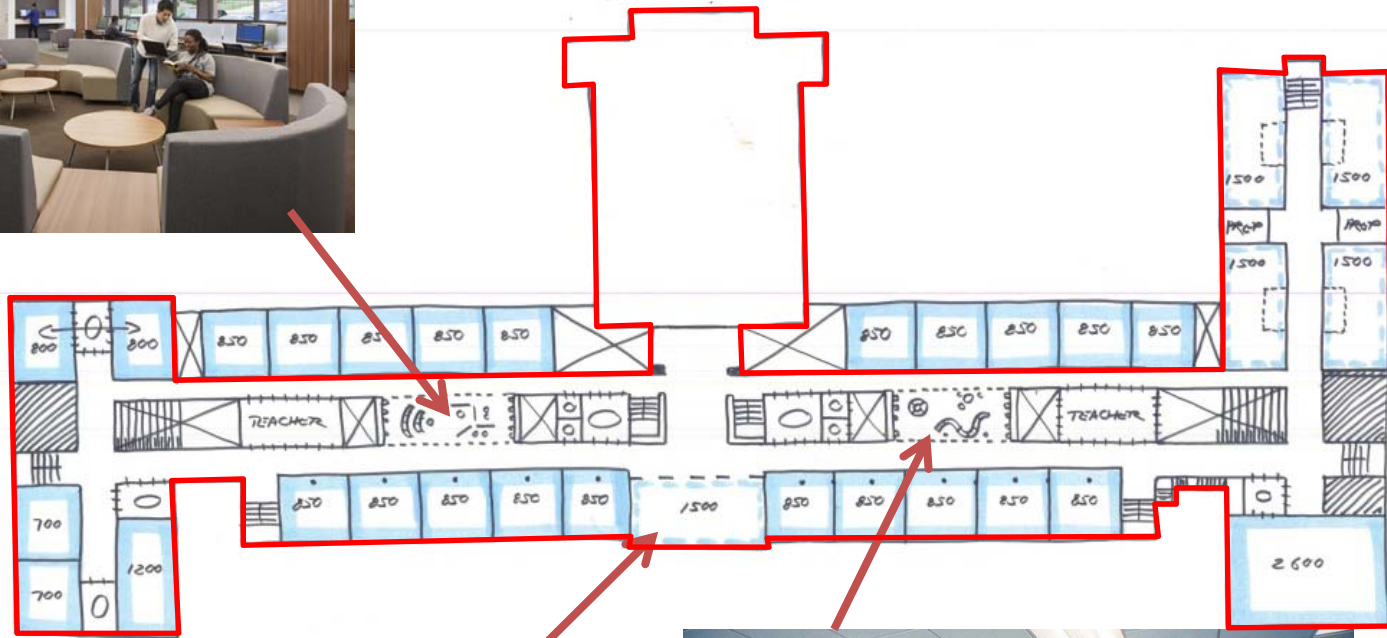


Planning Concepts in Historic Context

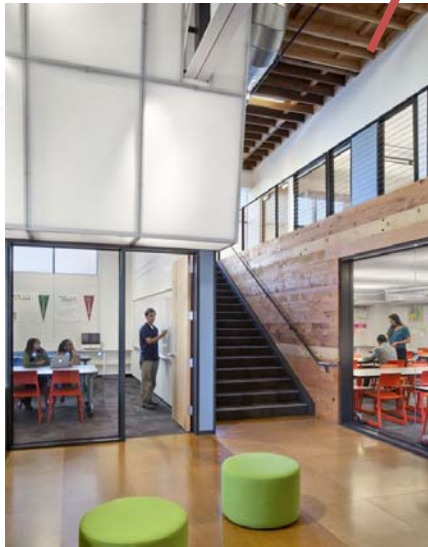
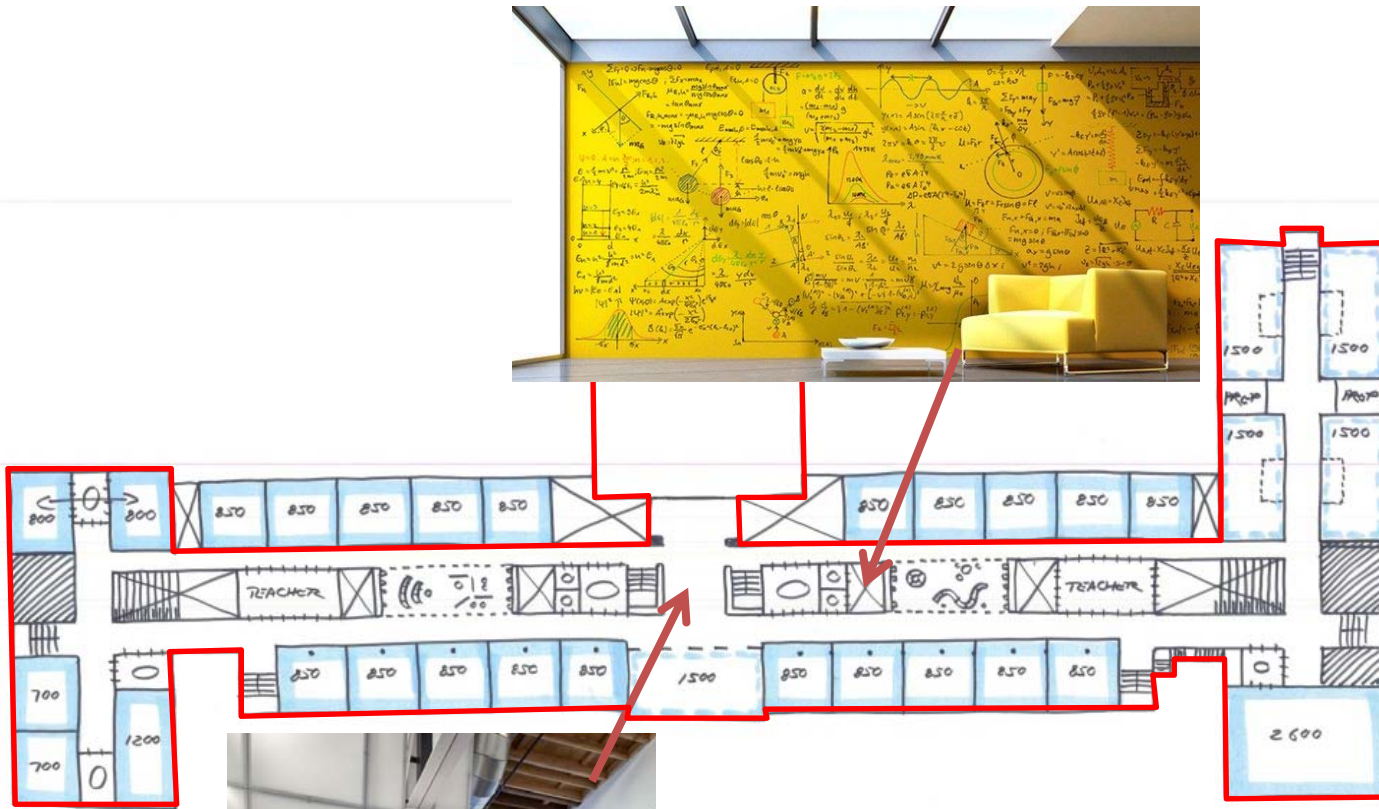


Facilities Design Original Principles

Planning Concepts in Historic Context



Planning Concepts in Historic Context



Project Overview

- :: Team Introductions
- :: Process & Schedule
- :: MPSW 1 Shareback
- :: Historic Renovation \neq Compromise?
- :: **Focus on Performance Venue Considerations**
- :: Overview of Today's Workshop



Grant High School Performance Venue

Considerations

Black Box

AND which of the following?

500 Seat Experimental Theater

500 Seat Traditional Theater

700 Seat Theater

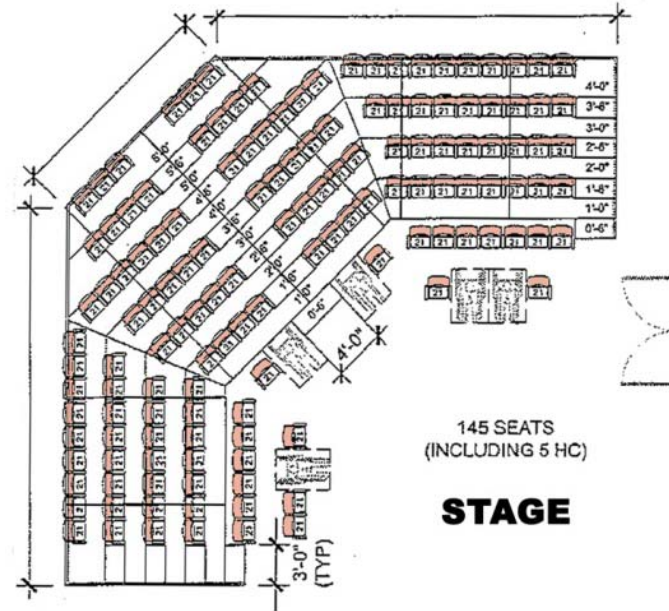
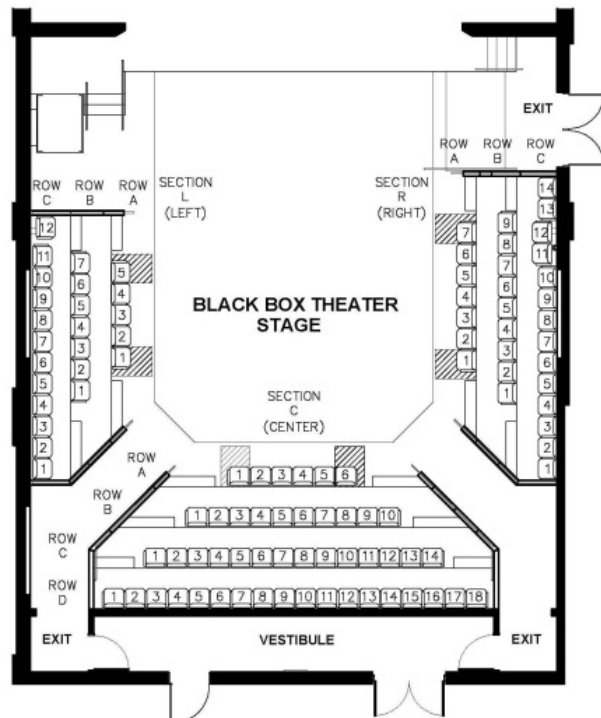
1200 Seat Theater

2000 Seat Theater



Black Box Theatres

Black Box

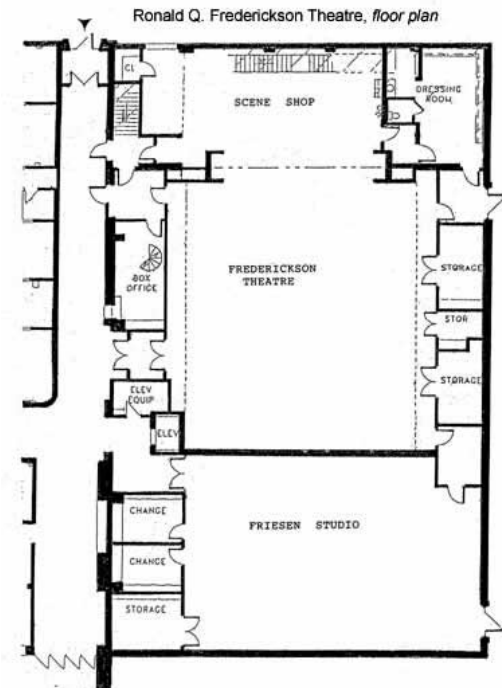
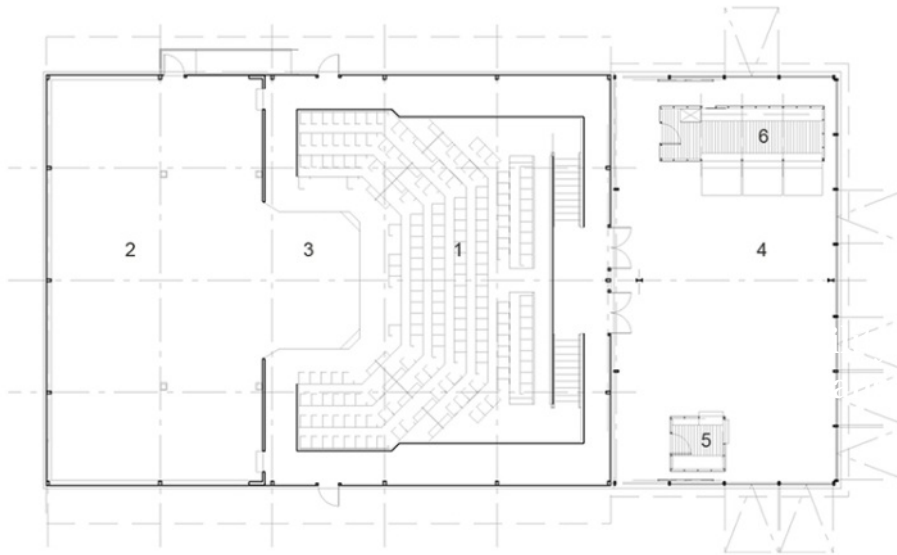
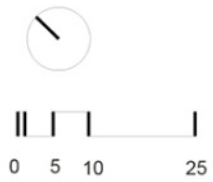


The Black Box Theater is a modifiable theater space, able to be reconstructed in a myriad of ways. Above is the basic three-quarter round seating example.



500 Seat Experimental Theater

- 1 Black Box Theatre
- 2 Back of House
- 3 Stage
- 4 Polycarbonate Pavilion
- 5 Ticket Box
- 6 Concessions Box



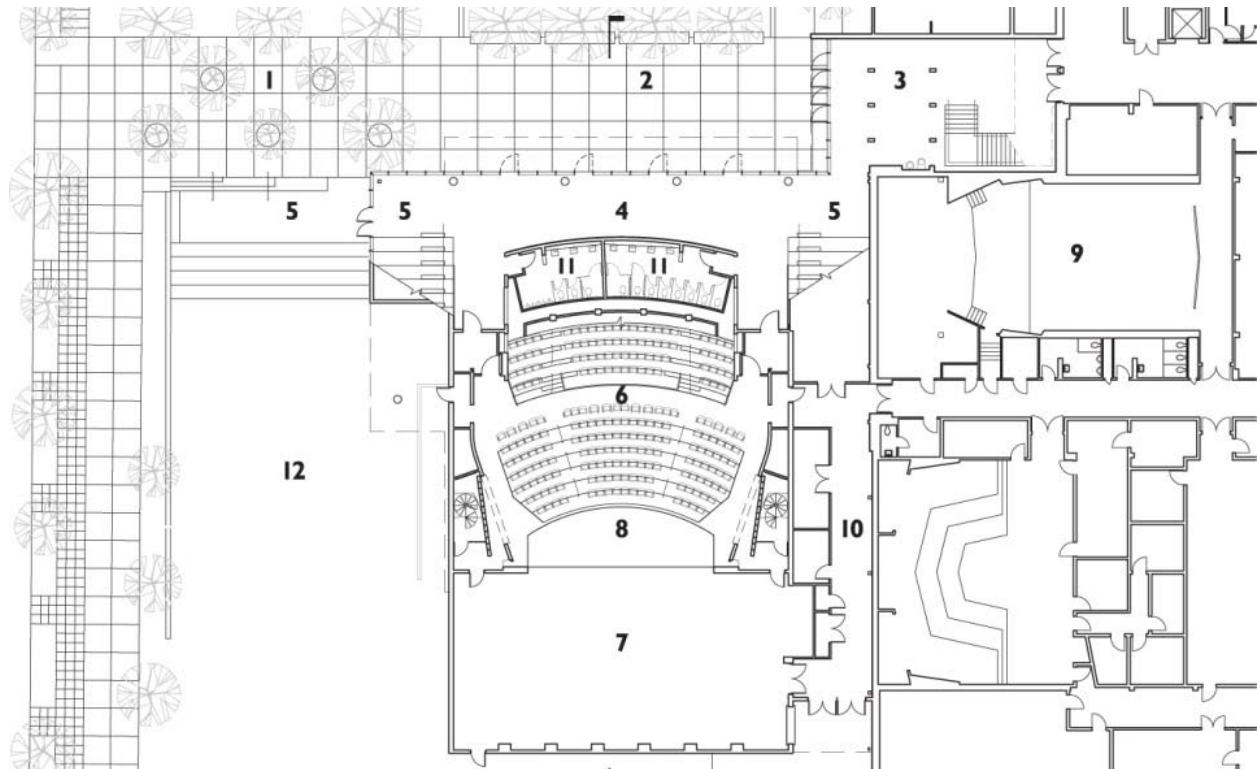




500 Seat Traditional Theater

Nathan Hale
High School

Seattle, WA



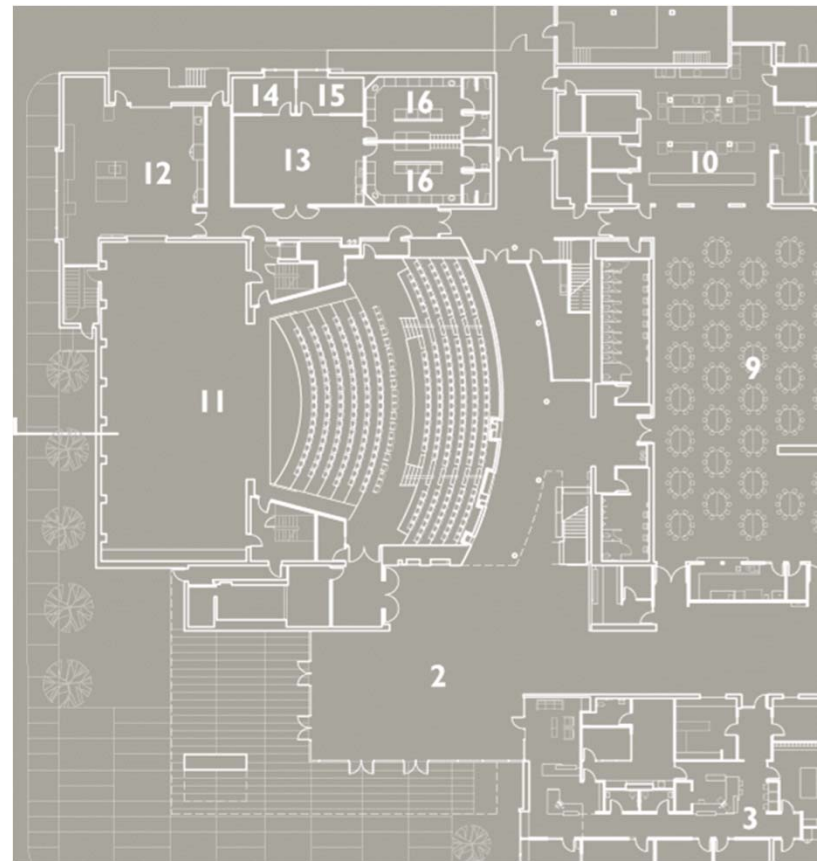




500 Seat Traditional Theater

**Sammamish
High School**

Bellevue, WA



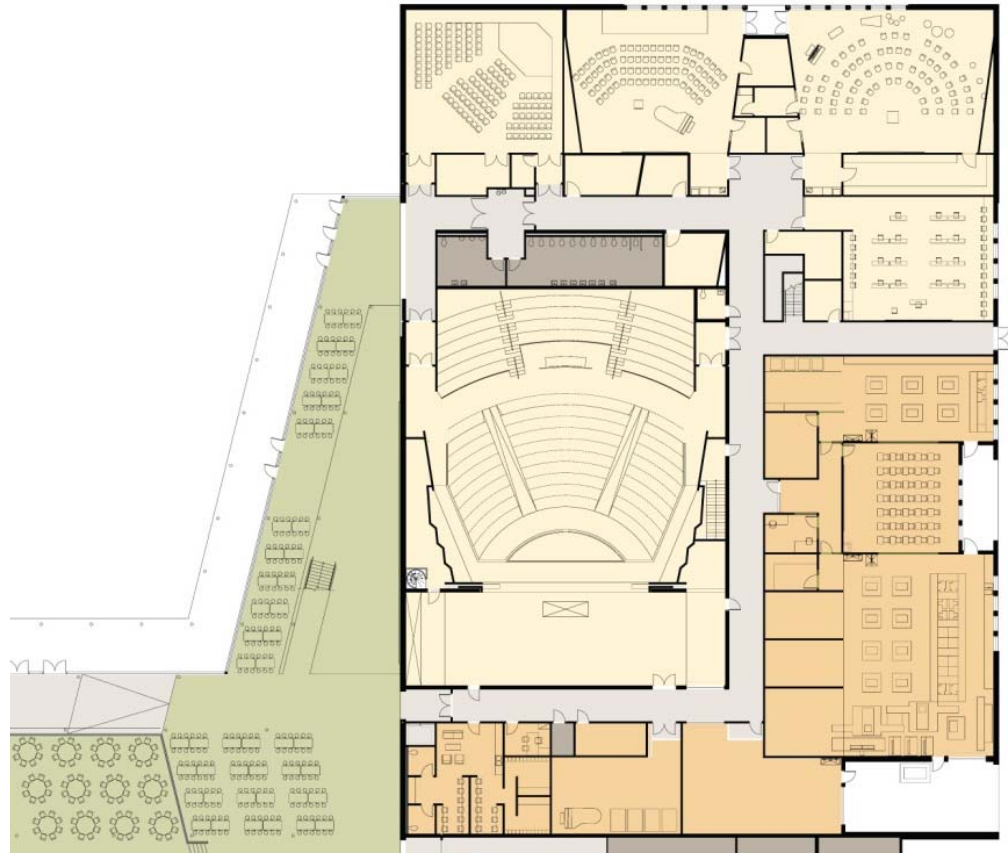




700 Theater

Issaquah
High School

Issaquah, WA

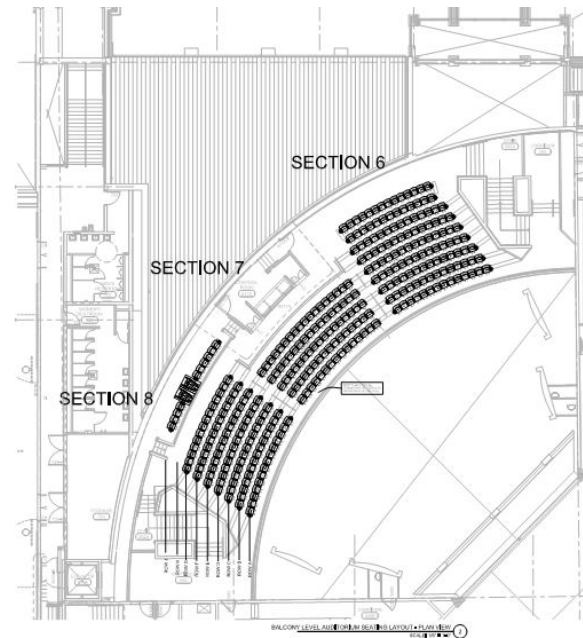
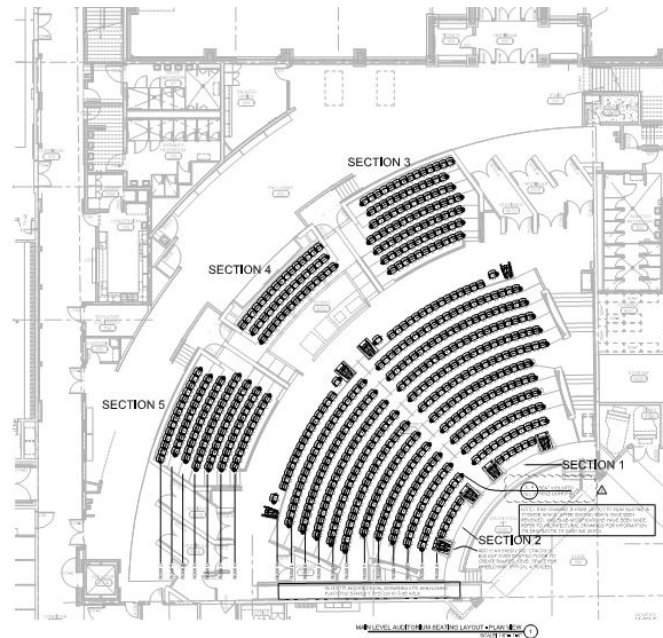






1200 Theater

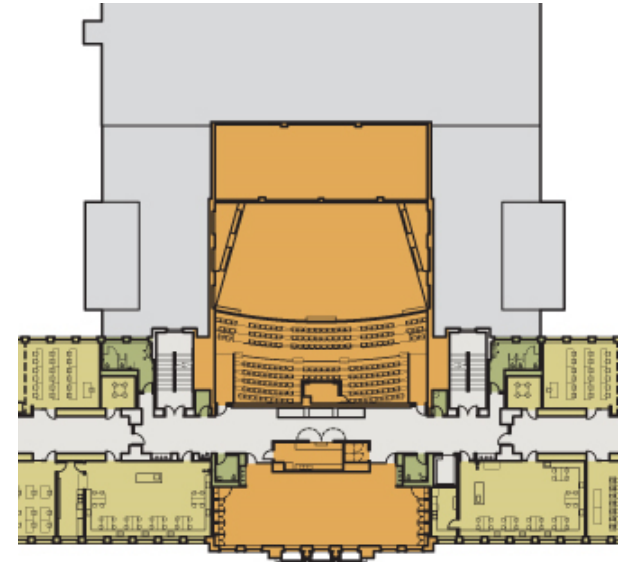
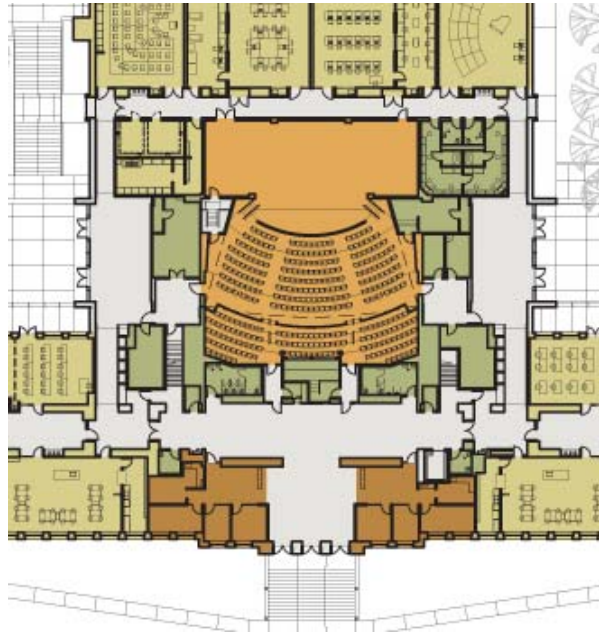
Auburn
High School
Auburn, WA







1200 Theater
Cleveland
High School
Seattle, Washington



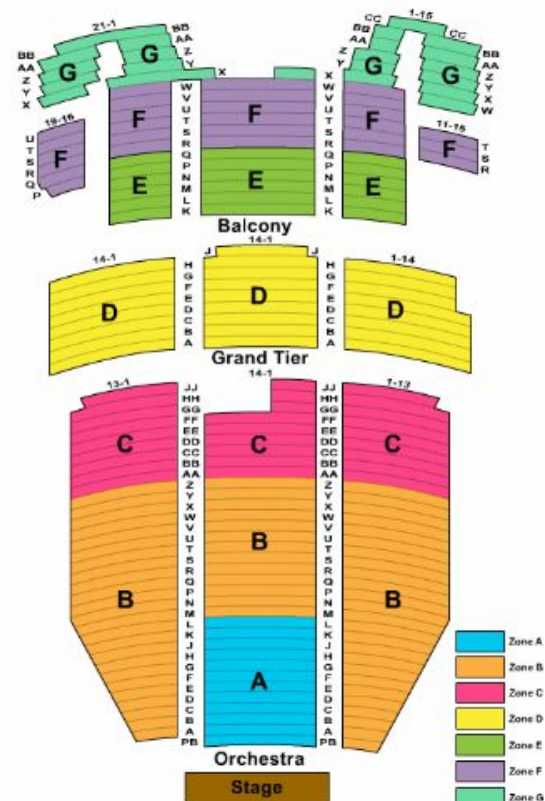




2000 Theater

5th Avenue Theater

Seattle, WA





Existing Auditorium Usage

CURRENT SEATING CAPACITY:
9 MONTH SCHOOL YEAR (INCLUDING WEEKENDS)

1658 SEATS
270 DAYS

PROGRAM	DAYS OF USE	% / YEAR	CAPACITY	% / MAX
Band / Orchestra Rehearsal	1	0.3%	100	6%
Band / Orchestra	3	1.1%	600 - 900	36 - 54%
Choir	3	1.1%	700 - 1000	42 - 60%
Fall Play	6	2.2%	200-500	12 - 30%
One Acts	6	2.2%	700-750	42 - 45%
Spring Musical	6	2.2%	300-1200	18 - 72%
Grantasia	2	0.7%	1600	96.5%
Talent Show	2	0.7%	200-500	12 - 30%
Athletic Hall of Fame Rehearsal	1	0.3%	20	1.2%
Athletic Hall of Fame Induction	1	0.3%	250	15%
Tech for Fall Show	1	0.3%	400	24%
8th Grade Info Night	1	0.3%	400	24%
Hall of Fame Reunion	1	0.3%	300	18%
Celebration of Women's Athletics	1	0.3%	300	18%
Dance Concert	2	0.7%	300-500	18 - 30%
Performing Arts Senior Awards	1	0.3%	600-900	36 - 54%
Career & Counseling	3	1.1%	500	30%
TOTAL	41 (15.2%)	14.4%	AVG = 774 (50%)	AVG = 31%
DAYS OF EVENTS OVER 500	21 (7.7%)	7.6%	AVG = 904 (54%)	AVG = 54%

Project Overview

- :: Team Introductions
- :: Process & Schedule
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- :: Historic Renovation \neq Compromise?
- :: Focus on Performance Venue Options
- :: Overview of Today's Workshop

Sketching Groups: Process

2065: A Day in a Learner's Life



What will teaching and learning look like at Grant High School in 50 years?



Masterplanning Workshop 2
November 7, 2015

CONSIDER



What tools will students be using in the future?



How might teachers guide students' exploration?

What will teachers be learning?



What will inspire wonder and curiosity?



How will different groups, including the community, utilize the space?

How might the school support these new patterns?



This is a state of the art learning setting in the year 2065.

DIRECTIONS

1. Add at least one point of entry. This will be the beginning of your story, where people enter the space for the first time.
2. Take a look at the various activity verbs. Add new activities that will happen in this space-- be creative!
3. Arrange these activities in a flow that makes sense for learning in 2065-- Connect the dots. Be sure to label every part of the story. Consider the following:

How will they arrive? What is the first thing they see? How will they demonstrate their learning? What is their process of learning? What kinds of technology will they need?

4. Use imagery (or draw!) to illustrate what these different zones look like.

5. Prepare to share your group's story of the future of learning!

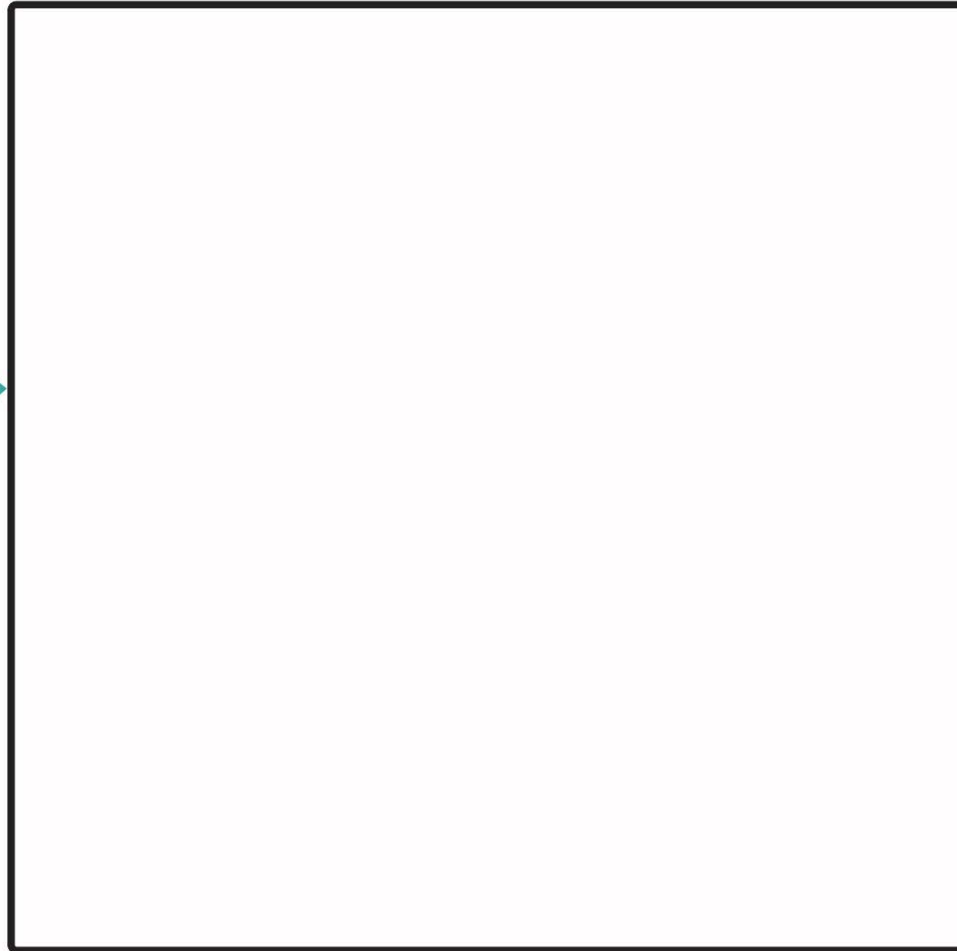


PHOTO COURTESY OF PPS DESIGN, JEFF GARDNER, CREATING THE FUTURE OF LEARNING. PHOTO COURTESY OF PPS DESIGN, JEFF GARDNER, CREATING THE FUTURE OF LEARNING.

Sketching Groups: Process







2065: A Day in a Learner's Life

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Masterplanning Workshop 2
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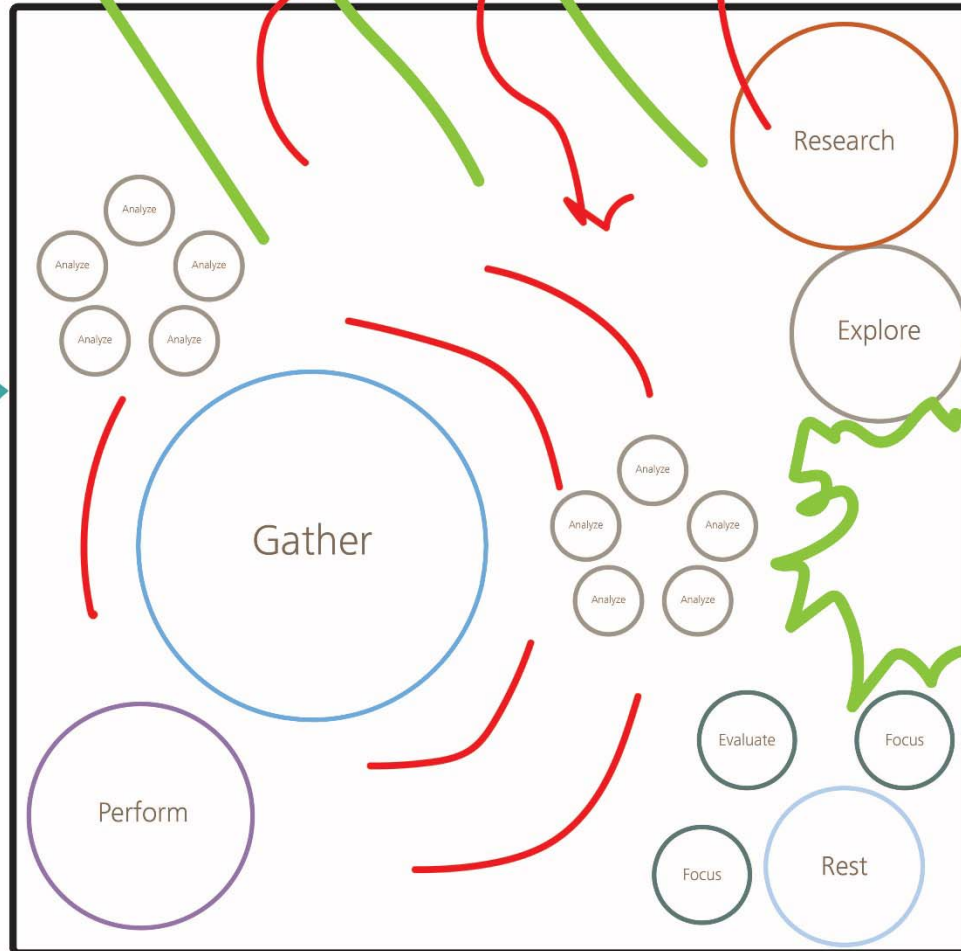
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Sketching Groups: Process

2065: A Day in a Learner's Life

What will teaching and learning look like at Grant High School in 50 years?



Masterplanning Workshop 2
November 7, 2015

CONSIDER

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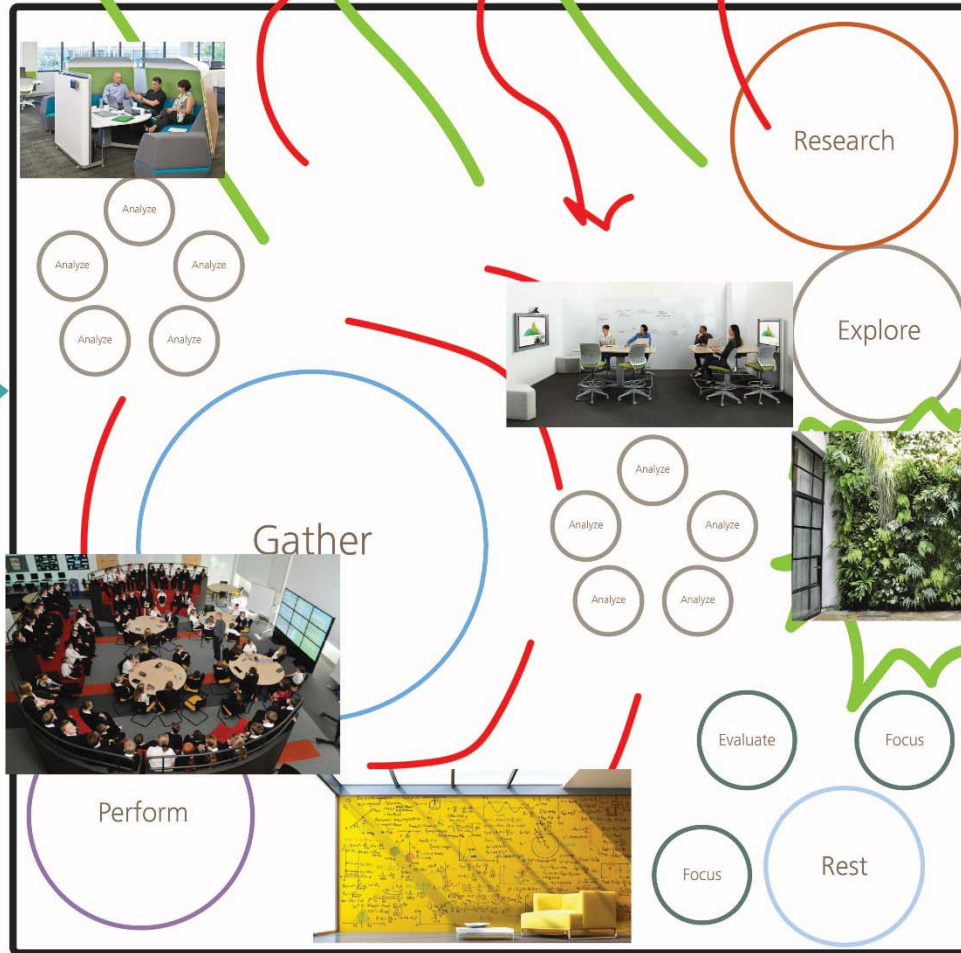
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Listening Station 1: Focus on Sustainability

1 Sustainability: LEED Strategies

Let's talk about your priorities for greening Grant.



What is Leadership in Energy & Environmental Design (LEED®) Certification for Schools?

LEED® for Schools is a rating system for new construction and major renovations of school buildings. It is based on a credit system in the following categories. Some categories are weighted more than others. Certified projects score 40-49 points; Silver: 50-59; Gold: 60-79; Platinum: 80+. This project is aiming for LEED Silver certification.

SUSTAINABLE SITES

- + alternative transportation
- + stormwater design
- + protect or restore natural habitat
- + heat island effect
- + light pollution reduction

WATER EFFICIENCY

- + water use reduction
- + water efficient landscaping
- + innovative wastewater technology
- + process water use reduction

MATERIALS & RESOURCES

- + storage & collection of recyclables
- + building reuse: maintain existing walls, floors, roof
- + construction waste management
- + materials reuse
- + recycled content
- + regional materials
- + rapidly renewable materials & certified wood

ENERGY & ATMOSPHERE

- + commissioning of energy system
- + optimize energy performance
- + refrigerant management
- + on-site renewable energy
- + measurement & verification
- + green power

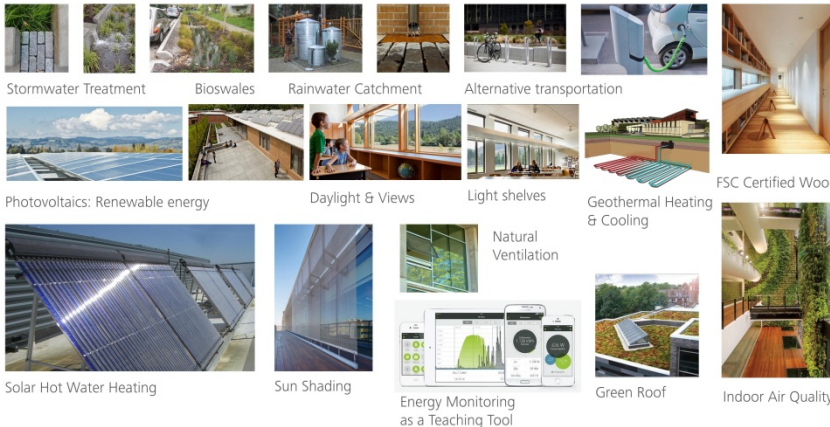
INDOOR ENVIRONMENTAL QUALITY

- + indoor air quality performance
- + environmental tobacco smoke control
- + acoustical performance
- + increased ventilation
- + low-emitting materials & pollutant source control
- + controllability of systems- lighting & thermal comfort
- + daylight & views
- + mold prevention

INNOVATION IN DESIGN

- + LEED accredited professional
- + school as a teaching tool

REGIONAL PRIORITY



1 Sustainability: Prioritization

Let's talk about your priorities for greening Grant.



RANK	GOAL	CHALLENGES	OPPORTUNITIES
	Stormwater Design Rain gardens, vegetated roofs and swales, pervious paving		
	Rainwater Harvesting Cistern, use rainwater for flushing toilets		
	Water Use Reduction Low flow fixtures, sensors, composting toilets		
	On-Site Renewable Energy Solar pv, solar thermal, wind, biomass		
	High Performance Building Increase building insulation, improve air infiltration, high performance windows		
	School as a Teaching Tool Design a curriculum based on the sustainable features of the building, showcase energy monitoring & informational signage		
	Daylight & Views Maximize interior daylighting and views, building orientation, shallow floor plates, provide building occupants a connection to the outdoors		
	Natural Cooling & Ventilation Operable windows, controllability of systems for thermal comfort, fans		
	Building Reuse Extend the life cycle of existing buildings, conserve resources, retain cultural resources, reduce waste & reduce environmental impacts		
	Strategies for Human Comfort & Health Radiant heating and cooling, geo-exchange heating and cooling, heat recovery, low VOC materials		

Listening Station 3: Focus on MPWS-1 Findings

3 Historic: Prioritization

What features are most important to you at Grant?

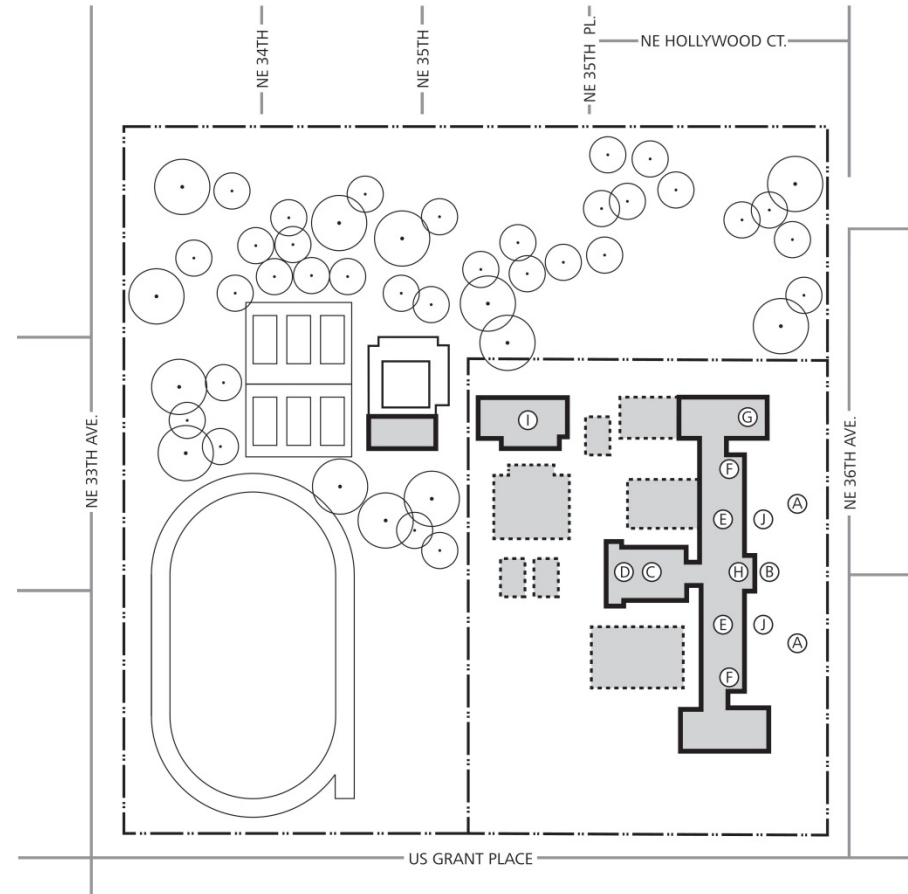


3 Historic: Prioritization

What features are most important to you at Grant?



RANK	BUILDING	CHALLENGES	OPPORTUNITIES
	(A) FRONT LAWN 		
	(B) MAIN ENTRY/ PORTICO 		
	(C) AUDITORIUM 		
	(D) MURALS/ ARTWORK/ HISTORIC PHOTOS 		
	(E) CORRIDORS 		
	(F) INTERIOR STAIRS 		
	(G) CHOIR ROOM 		
	(H) ORIGINAL LIBRARY 		
	(I) OLD GYM 		
	(J) HISTORIC WINDOWS 		



Listening Station 4: Focus on Project Goals

4 Design Advisory Group: Mission

The DAG has been hard at work-- now they need your input.



The Grant High School modernization will result in an inclusive learning environment that fosters strong, productive relationships among students, teachers, and the community through inspiring, flexible spaces that honor the history while supporting students' success in college, career, and life.



4 Design Advisory Group: Goal Setting

Rank these top priorities; discuss challenges & opportunities for each.



RANK	GOAL	CHALLENGES	OPPORTUNITIES
	Accommodate diverse teaching & learning styles to facilitate strong relationships		
	Support the educational mission of Grant with a variety of flexible study & project spaces that anticipate future needs		
	Create state-of-the-art facilities for all disciplines		
	Sustain a student-centered approach, where all learners feel connected by celebrating diversity and inclusion		
	Design a building to inspire learning, to serve as a place of possibility		
	Focus on college and career readiness, preparing students to enter the workforce as positive contributors of society		
	Provide a variety of spaces to gather, eat, and hangout throughout the campus		
	Build the school as the heart of the community through services, opportunities, and recreation		
	Blend indoor and outdoor spaces to enhance quality of learning environment and deepen our connection to nature		
	Honor the rich history of Grant by preserving architecturally and culturally significant features		

Listening Station 5: Focus on Performance Venue

5 Theater: Challenges & Opportunities



How might we weigh the outcomes of this key component of Grant?

5 Theater: Tradeoffs

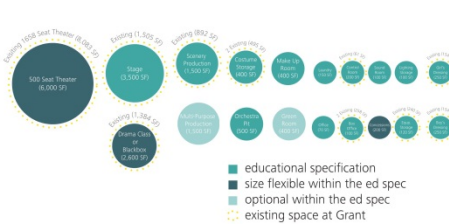


What are you willing to compromise for an expanded performing arts program?

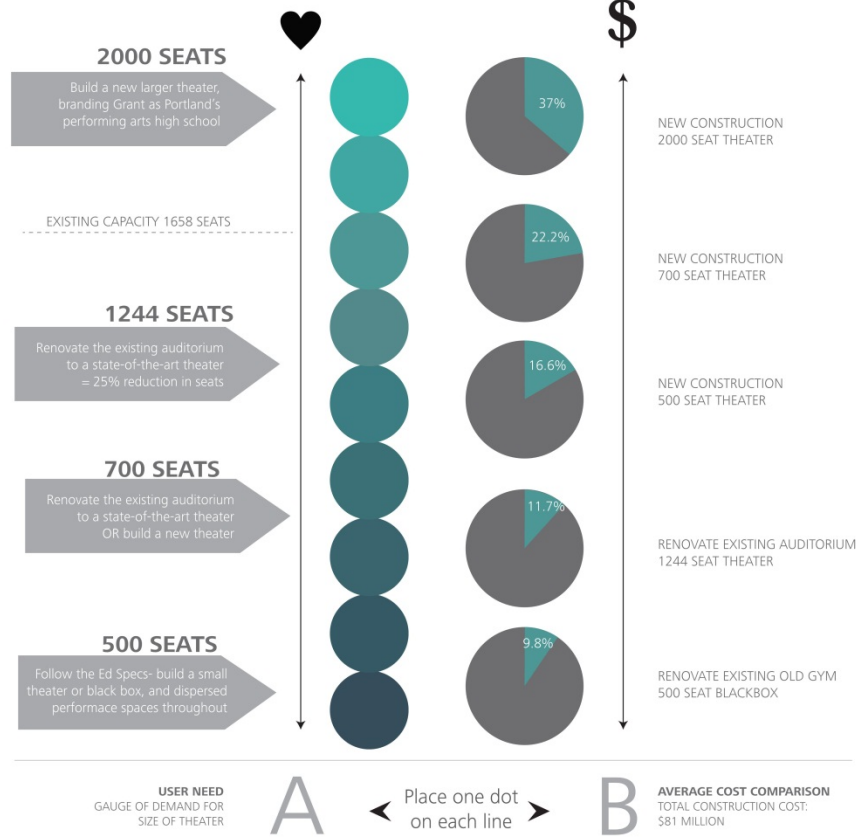
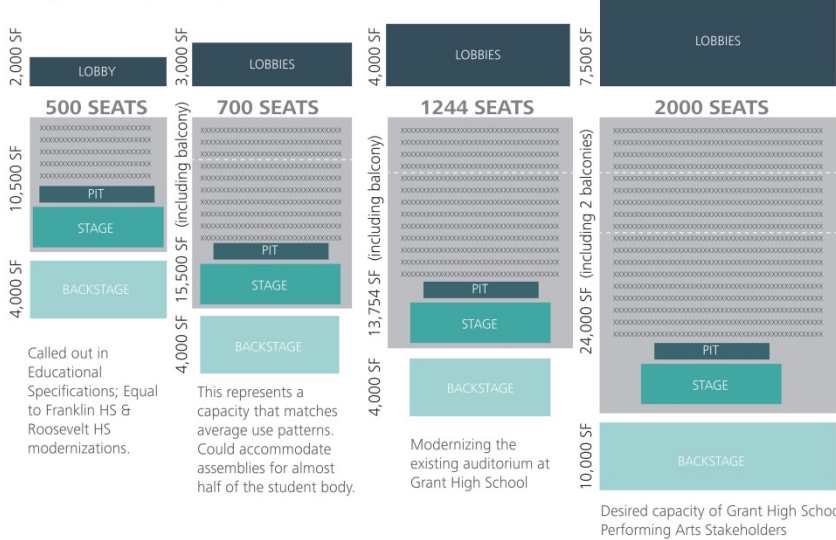
EXISTING AUDITORIUM STATS

PROGRAM	DAYS OF USE	% / YEAR	CAPACITY	% / MAX
Band / Orchestra Rehearsal	3	1.1%	600 - 900	36 - 54%
Choir	3	1.1%	700 - 1000	42 - 60%
Fall Play	6	2.2%	200-500	12 - 30%
One Act	6	2.2%	700-750	42 - 45%
Spring Musical	6	2.2%	800-1200	48 - 72%
Guests	2	0.7%	1500	90.5%
Talent Show	2	0.7%	200-500	12 - 30%
Athletic Hall of Fame Rehearsal	1	0.3%	250	1.2%
Athletic Hall of Fame Induction	1	0.3%	250	1.5%
Tech for Fall Show	1	0.3%	400	2.6%
8th Grade Into Night	1	0.3%	400	2.6%
Hall of Fame Reunion	1	0.3%	300	1.8%
Celebration of Women's Athletics	1	0.3%	300	1.8%
Dance Concert	2	0.7%	300-500	18 - 30%
Performing Arts Senior Awards	1	0.3%	500-900	30 - 48%
Career & Counseling	3	1.1%	500	30%
TOTAL	41 (15.2%)	16.4%	AVG = 774 (50%)	AVG = 31%
DAYS OF EVENTS OVER 500	21 (7.7%)	7.6%	AVG = 904 (54%)	AVG = 54%

ED SPEC: PERFORMING ARTS COMPONENTS



SQUARE FOOTAGE COMPARISON



Listening Station 6: Community Focus & Open Topics

6 Community Partnerships

What potential partners offer most opportunities for Grant Students?



RANK	GOAL	CHALLENGES	OPPORTUNITIES
	ART & DESIGN (Weiden & Kennedy, Ziba, ADX, PNCA)		
	CONSTRUCTION (Local Contractors, Architects)		
	PERFORMING ARTS (Oregon Symphony, Ballet, Opera, Theater)		
	DIGITAL MEDIA (Hollywood Theatre)		
	CULINARY ARTS (Food Carts, Restaurants)		
	TRANSPORTATION (Coordinate Trimet Bus Schedules)		
	HEALTH & MEDICINE (Providence, Legacy, Kaiser)		
	SPORTS (Nike, Adidas)		
	ENGINEERING (Boeing, 3D Printer, Robotics)		
	NUTRITION (New Seasons, QFC, Fred Meyer)		

6 Center of Community

What would you use most often?

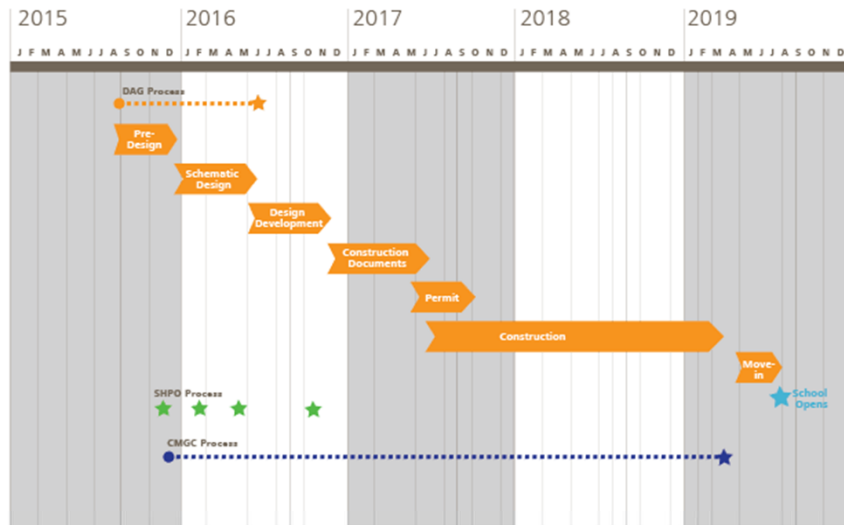


RANK	GOAL	CHALLENGES	OPPORTUNITIES
	FITNESS CENTER (Pool, Gym, Yoga, etc...)		
	THEATER, PERFORMANCE SPACE (Community concerts, lectures)		
	OUTDOOR THEATER/ PUBLIC SPACE (Park space, farmers' market, sports, summer concerts)		
	WORKSHOP (Makerspace, tool library)		
	PUBLIC LIBRARY		
	REFUGE, OUTREACH (Emergency refuge, services for vulnerable populations)		
	DAY CARE (Open to community)		
	K-12 TUTORING CENTER (Additional learning assistance)		
	MULTIGENERATIONAL LEARNING (After-hours classes & adult learning)		
	RENTABLE VENUES (Art Gallery, meeting hall, flex. space)		

Listening Station 6: Community Focus & Open Topics

Project Scope & Schedule

timeline & key dates



















Open Topics

Feel free to jot down what you're thinking about here.



Today's Project Team

Feel free to ask us any questions you may have.

<p>Portland Public Schools Owner</p>  Michelle Charlton Project Director  Kirstine Moore Project Coordinator  Carol Campbell GIS Principal Design Advisory Group Co-Chair  Abby Williams Recent GIS Graduate Design Advisory Group Co-Chair	<p>Karen Braitmayer ADA Expert</p>  Karen Braitmayer Accessibility Consultant
<p>Mahlum Architects Architectural Design</p>  Steve Wilson Principal in Charge  Alexis Leavelle Project Manager  John Wilson Project Architect, Design Lead  Ben Taylor Designer  Neil Day Designer	<p>Mayer-Reed Landscape Design</p>  Curt Mayer-Reed Landscape Architect  Aimee Sencoff Landscape Architect
<p>Peter Meijer Architects Historic Preservation</p>  Peter Meijer Historic Consultant  Kirsten Nelson Preservation Planner Balchier & Hubbard Civil Engineering  Graft Lerman Civil Engineer	<p>DKS Associates Transportation</p>  Scott Mansour Traffic Engineer

Let's Begin!



Visual Listening



- :: What spaces would inspire you to learn?
- :: What spaces do you gravitate towards?
- :: What spaces make you feel comfortable?



- :: What spaces make you feel uncomfortable?
- :: What spaces make you anxious?
- :: What spaces would you avoid?

Feedback & Questions

Grant Bond Website



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Get Ready

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Top topics

Google™ Custom Search

Search PPS

Sign Up for Meals

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Long Range Facilities Plan

Bond Timelines

Interactive map

Bond Board Resolutions

[PPS Home](#) > [Bond](#) > [Grant](#)



Grant

Grant High School is one of 3 PPS high schools being modernized as part of an 8-year \$482 million school building improvement bond. Grant's modernization will completely reconfigure and update learning spaces with a focus on indoor environmental quality, sustainability and historic preservation. [Learn more about Grant High School here.](#)

The planning phase for the modernization of Grant will begin in the fall of 2015 and construction is scheduled to begin in summer 2017 and last 2 years. Students are scheduled to returned to a Modernized Grant in the fall of 2019.

The 2nd Master Planning Public Design Workshop is scheduled for Saturday, Nov. 7th from 9 a.m. - Noon in the GHS Library. [Download the workshop flyer](#) | [in Español](#)

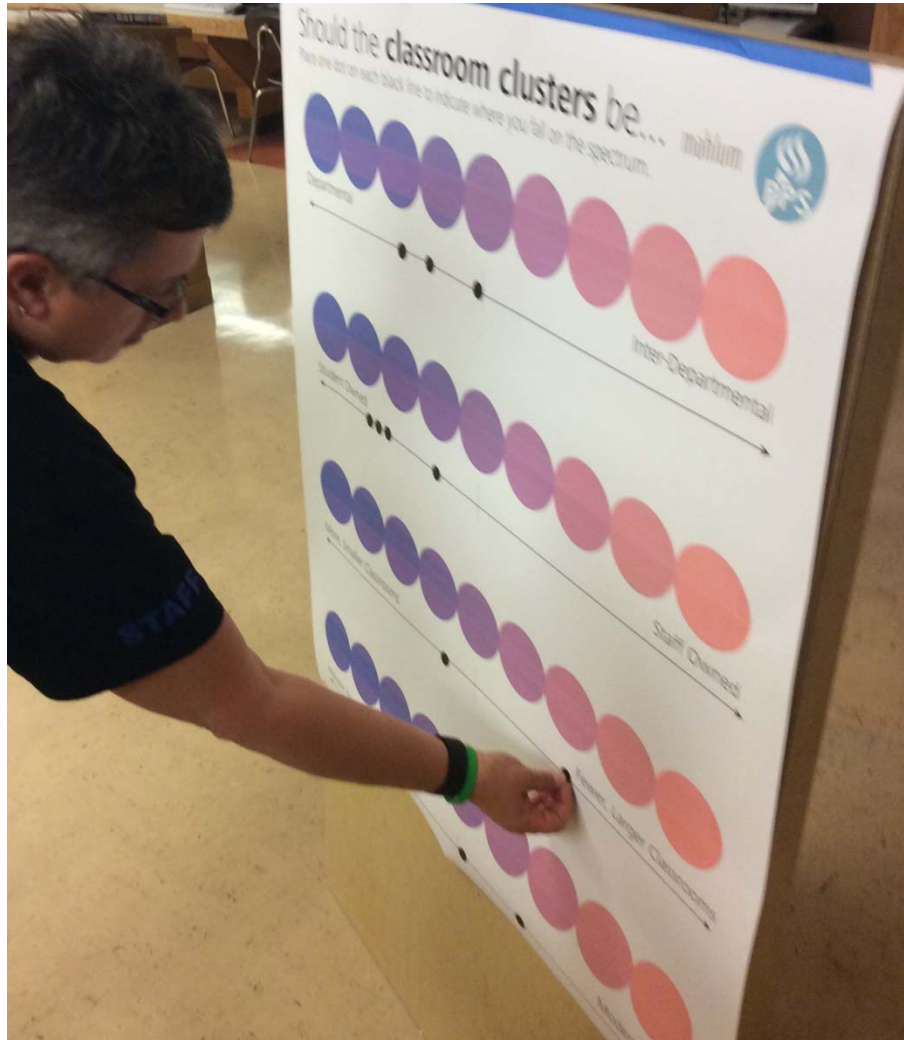
[View the Nov 7th Design Workshop agenda here.](#)

The Next DAG meeting is Thursday Nov. 19th 5:30p.m.-7:30p.m. in the GHS Library.

[View the Grant Modernization flyer \(10/23/15\) | in Español](#)

[View the Grant to Marshall Transportation Flyer](#)

Exit Exercise: Spectrums



Thanks for coming!