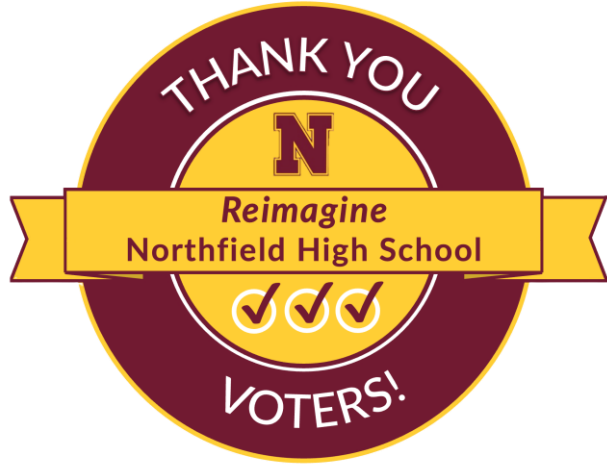




 **Knutson**Construction



REIMAGINE NORTHFIELD HIGH SCHOOL



SCHEMATIC DESIGN BOARD PRESENTATION | MAY 12, 2025



REIMAGINE NORTHFIELD HIGH SCHOOL

SD BOARD PRESENTATION AGENDA

- » Overall Planning Process
- » Core Planning Group Experience
- » Project Guiding Principles & Design Criteria
- » Schematic Design Diagram
- » Next Steps





Planning Process, Responsibilities, and Timeline

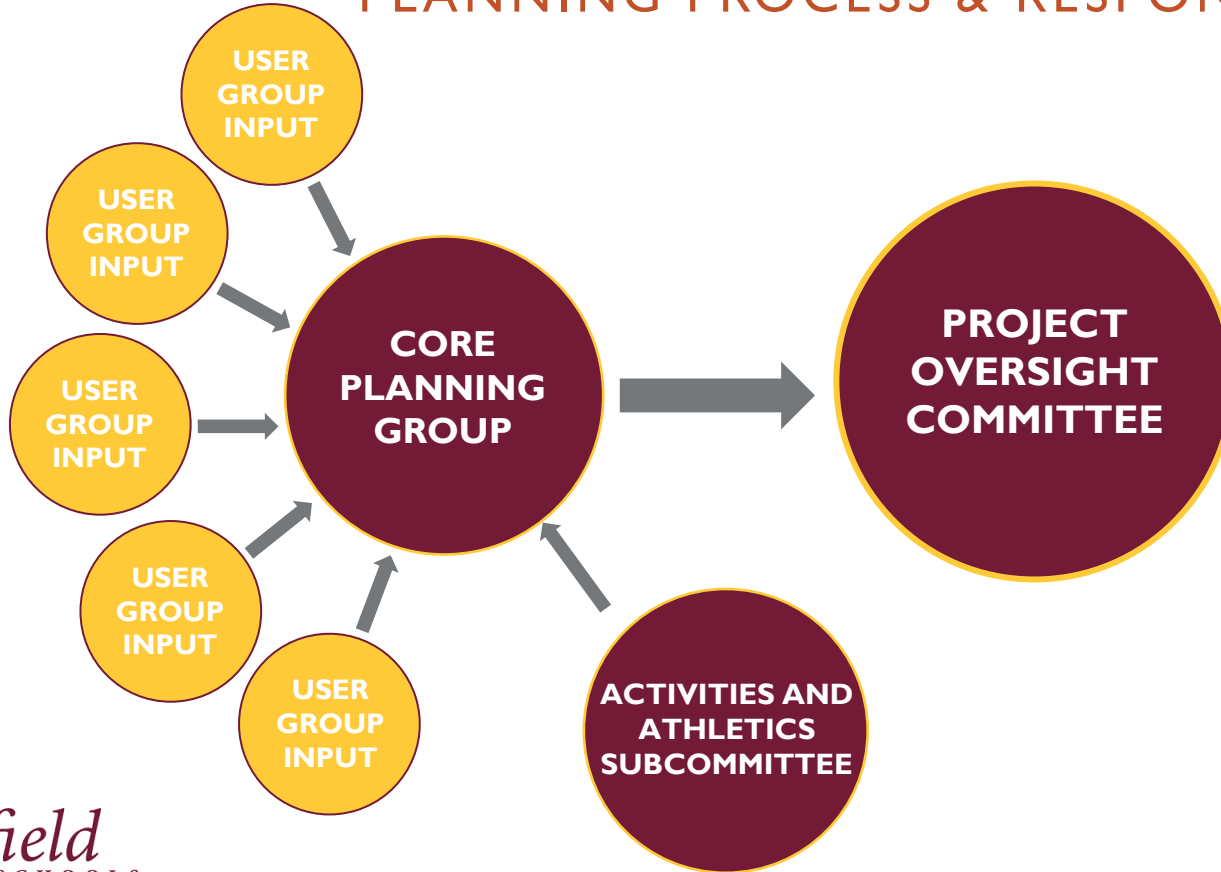


REIMAGINE NORTHFIELD HIGH SCHOOL PLANNING PROCESS & RESPONSIBILITIES

<i>Group Name:</i>	<i>Participants:</i>	<i>Goals / Responsibilities:</i>	<i>Timeline:</i>
School Board	<ul style="list-style-type: none">• School Board Members		Ongoing
Project Oversight Committee	<ul style="list-style-type: none">• Select board members• Select administration• Wold• Knutson	<ul style="list-style-type: none">• Set district standards• Review the direction of the design• Review and monitor the budget• Recommendations to board	Ongoing: x2/month meetings
High School Core Planning Group	<ul style="list-style-type: none">• Select board members• Select parents and community• NHS administration• Select staff• Select students• District administration• Facilitator: Wold	<ul style="list-style-type: none">• Design decisions• Establish priorities• Guide/direct design• Recommendations to project oversight committee.	3-4 months (8 meetings and tours)
Activities and Athletics Subcommittee	<ul style="list-style-type: none">• Select board members• Select parents and community• Activities stakeholders• Select students• Community Education• District and NHS administration• Facilitator: Wold	<ul style="list-style-type: none">• Design athletics/activities spaces• Accommodate school day needs• Recommendations to core planning group	2-3 months (3-4 meetings, starting after core planning group.)
High School User Groups (4-5 people per space type)	<ul style="list-style-type: none">• NHS administration• NHS stakeholders• Relevant community stakeholders• Facilitator: Wold	<ul style="list-style-type: none">• Gather detailed input for specific spaces	2-3 months 1-2 meetings, each space



REIMAGINE NORTHFIELD HIGH SCHOOL PLANNING PROCESS & RESPONSIBILITIES

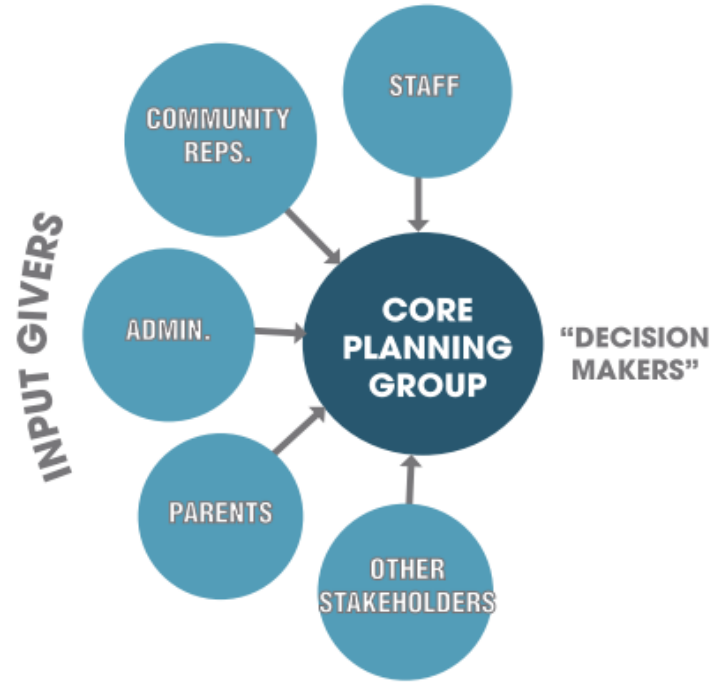




REIMAGINE NORTHFIELD HIGH SCHOOL PLANNING PROCESS & RESPONSIBILITIES

What Makes Collaborative Planning Successful?

- » Ask questions to feel confident in making decisions – you are here to be a representative of the school community
- » We will do our work with criteria
- » All opinions are heard and respected
- » Discuss this with your community and bring input
- » Attend all meetings (if possible) for continuity

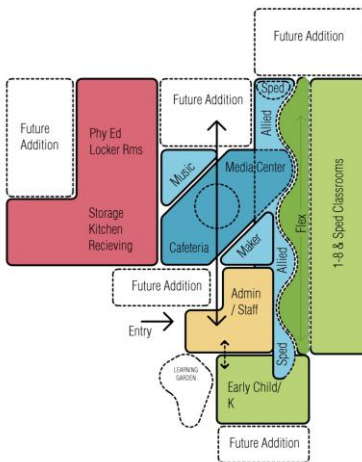
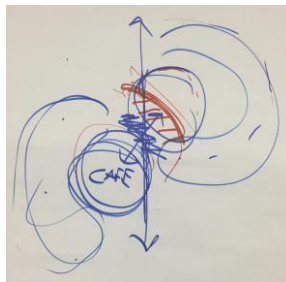




REIMAGINE NORTHFIELD HIGH SCHOOL PLANNING PROCESS & RESPONSIBILITIES

Core Planning Group

- Tours (Common Language)
- Consensus on Criteria and Guiding Principles
- Building a Common Diagram
- Renderings / Visuals
- Final Schematic Design





REIMAGINE NORTHFIELD HIGH SCHOOL COMMUNITY, STAFF & STUDENT INPUT

» **What are your hopes and dreams for the project?**

- » What do you hope the project can achieve regarding LEARNING SPACES or CLASSROOMS?
- » What do you hope the project can achieve or address regarding SAFETY?
- » What do you hope the project can achieve or address regarding COMMUNITY or GATHERING SPACES?
- » What do you hope the project can achieve or address regarding USER EXPERIENCE (STUDENTS, STAFF, VISITORS, THE COMMUNITY)?
- » What currently WORKS WELL or DOESN'T WORK WELL?
- » What do you hope the project can achieve or address regarding GENERAL HOPES / MISC?

Input opportunities:

- *December 17 (staff & community)*
- *January 13 & 27 (HS students)*
- *January 23 (MS students)*



REIMAGINE NORTHFIELD HIGH SCHOOL PLANNING PROCESS & RESPONSIBILITIES

Core Planning Group Schedule:

- » **Meeting #1:** Dec. 17, 2024
- » **Meeting #2:** January 8, 2025
- » **Building Tours:** January 21 + 22, 2025
- » **Meeting #3:** January 29, 2025
- » **Meeting #4:** February 19, 2025
- » **Meeting #5:** February 26, 2025
- » **Meeting #6:** March 12, 2025
- » **Meeting #7:** April 2, 2025
- » **Meeting #8:** April 16, 2025

All meetings between 4:00 – 6:00 PM in NHS Media Center unless otherwise communicated.

Activities / Athletics Subcommittee:

- » **Meeting #1:** February 26, 2025
- » **Meeting #2:** March 12, 2025
- » **Meeting #3:** April 2, 2025
- » **Meeting #4:** April 16, 2025

All meetings between 1:00 – 3:00 PM in NHS Computer / Lecture unless otherwise communicated.

Updates to School Board

- » May 12, 2025
- » TBD October 2025
- » TBD January or February 2026

User Group Meetings:

- » May – July 2025
- » May have follow-up's in September if needed



REIMAGINE NORTHFIELD HIGH SCHOOL

NHS CORE PLANNING GROUP

John Mahal, Activities Director
Becca Bang, Assistant Principal
Justin Raabolle, Director of Buildings & Grounds
Val Mertesdorf, Director of Finance
Hope Langston, Director of Instructional Services
Shane Baier, Principal
Caleb Davidson, Special Education
Matt Hillmann, Superintendent
Kelly Spillman-Kramer, NPS
Ben Martig, City of Northfield
Sean Simonson, City of Northfield
Christopher Tassava, Community Rep
Mar Valdecantos, Community Rep
Steve Edwards, Parent
Tekla Johnson, Parent
David Ruehs, Parent
Andrea Robinson, Parent

Anne Haddad, Parent
Lance Reisetter, Parent
Zach Bahler, Parent
Lindsey Briskie, Parent
Eden Coudron, Student
Jenny Dietiker, Student
Claudia Rodriguez, Educational Assistant
Adam Karsko, Buildings and Grounds
Stephany Stromme, Child Nutrition
Marianne Moser, Community Education
Mark Ensrud, Counselor
Liam Fisher, Drama/Theatre/Auditorium
Roger Helgeson, Head Custodian
Nate Knutson, Technology Services
Katherine Norrie, Teacher - Art

Jill Kohel, Teacher - English
Alexa Zenk, Teacher - FACS
Ellen Mucha, Teacher - MTSS
Thomas O'Keefe, Teacher - Music
Leah Sand, Teacher - Physical Education
Jody Saxton West, Teacher - Science
Sarah Swan McDonald, Teacher - Social Studies
Jacob Odell, Teacher - Special Education
Tom Dickerson, Teacher – Special Education
Hannah Ames, Teacher - World Language
Jeff Quinnell, Board Member
Maggie Epstein, Board Member
Amy Goerwitz, Board Member
Jeff Schroepfer, Northfield Police



REIMAGINE NORTHFIELD HIGH SCHOOL

CPG TOURS



Owatonna High School
Completed – 2023
Capacity – 1,600 Students



Waseca Junior / Senior High School
Completed – 2017
Capacity – 980 Students



REIMAGINE NORTHFIELD HIGH SCHOOL

CPG TOURS



St Peter High School
Completed - 2018
Capacity – 1,000 Students



Tartan High School
Completion – Fall 2025
Capacity – 1,800 Students



REIMAGINE NORTHFIELD HIGH SCHOOL

CPG TOURS



Mora High School
Completed – 2023
Capacity – 1,000 Students



Rock Ridge High School
Completed – 2023
Capacity – TBD



REIMAGINE NORTHFIELD HIGH SCHOOL

NHS ACTIVITIES & ATHLETICS SUBCOMMITTEE

John Mahal, Activities Director
Erin Bailey, Community Education Director
Rico Bohren, Assistant Principal
Bubba Sullivan, General Education Teacher
Leah Sand, PE Teacher
Matt Christensen, NHS Coach - Basketball
Elizabeth Larson, NHS Coach - Volleyball
Matt Hillmann, Superintendent
Kelly Spillman-Kramer, NPS
Geoff Staab, NHS Coach - Wrestling
Josten Coleman, NHS Coach - Spring Sports
Steve Fox, Community Coach - Basketball
Chad Pribyl, Community Coach - Wrestling

Nicole Porath, Community Coach - Other Sports
Janet Smith, NHS Coach — Other Sports
Brent Yule, NHS Coach — Other Sports
Craig Swenson, Fifty North Rep
Amy McBroom, Parent
Sara Garcia, Parent
Emileana Graupmann, NHS Booster Club Rep
Jeff Quinnell, Board
Val Mertesdorf, Director of Finance
Shane Baier, Principal



REIMAGINE NORTHFIELD HIGH SCHOOL

SUBCOMMITTEE TOURS



New Prague High School
Completed – Various
4 courts, 2 in each space interconnected



Mound Westonka High School
Completed – 2017
3 courts

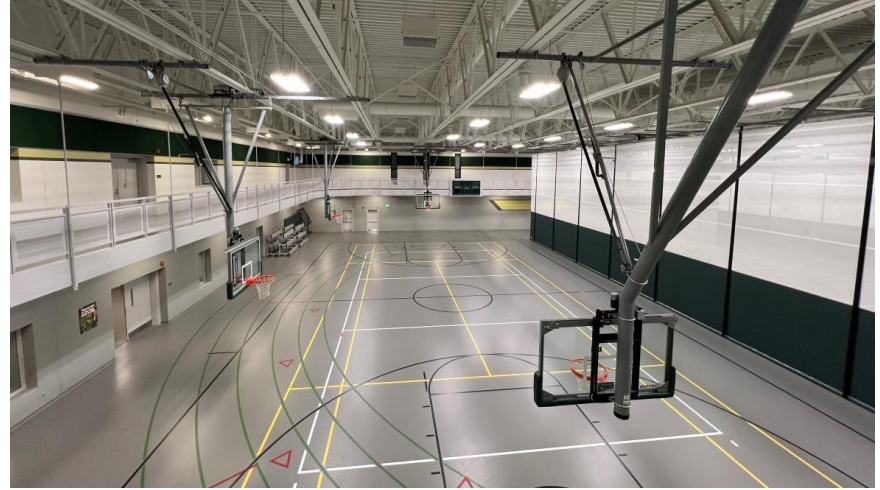


REIMAGINE NORTHFIELD HIGH SCHOOL

SUBCOMMITTEE TOURS



Mounds View High School
Completed – 2020
4 courts, all in one space



Wildcat Community Center, Chisago Lakes
Completed – 2019
4 courts, all in one space



REIMAGINE NORTHFIELD HIGH SCHOOL

GUIDING PRINCIPLES AND DESIGN CRITERIA

Guiding Principles and Design Criteria

Based on:

Tour likes & dislikes

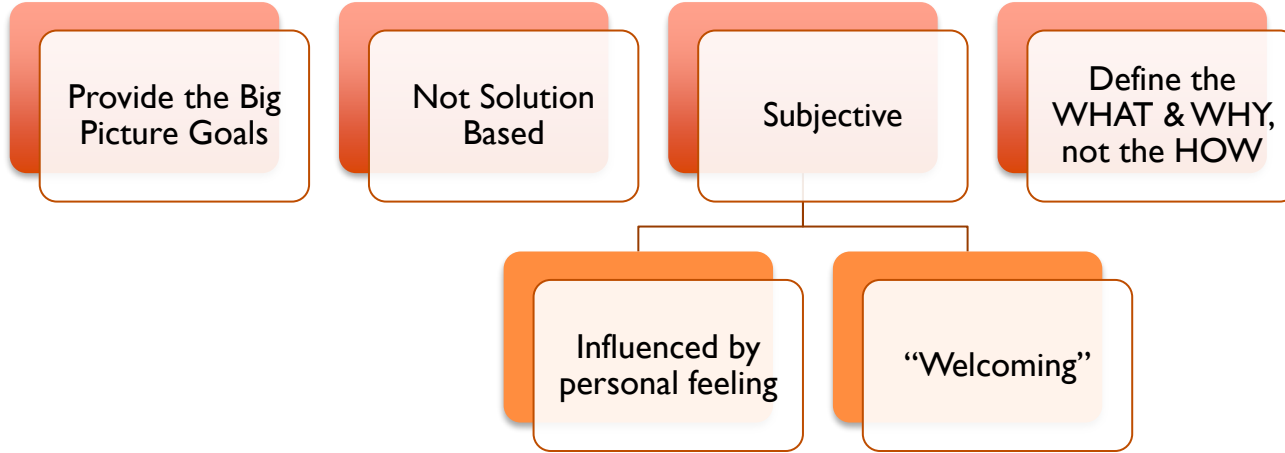
Input from staff, students & the community

*Guided discussion topics based on goals for
experience*



REIMAGINE NORTHFIELD HIGH SCHOOL

GUIDING PRINCIPLES

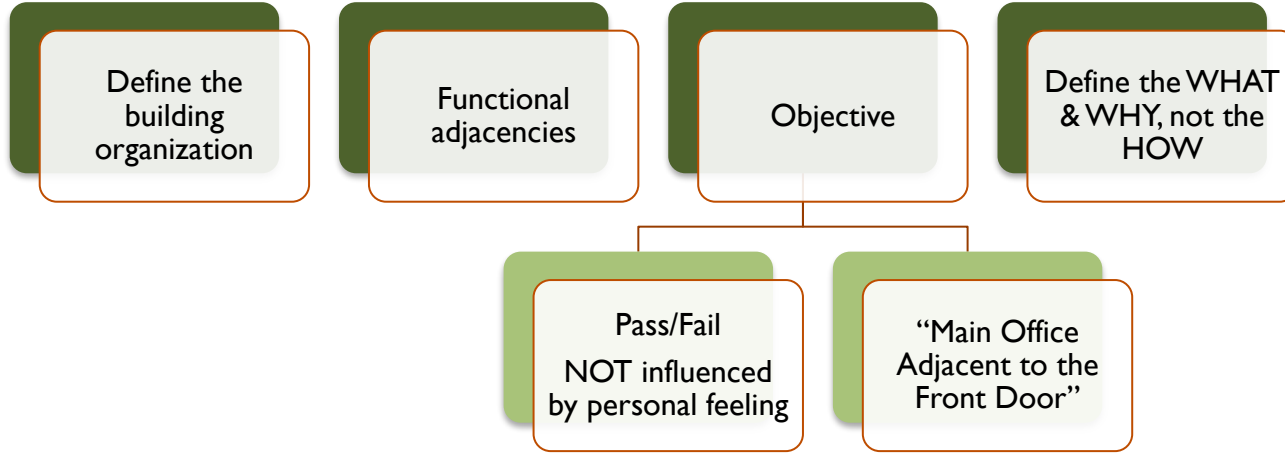


- [Solutions should] _____(insert statement)_____
- Can be used publicly and needs to be clear to non-participants.
- Provides for parameters for option creation and review.



REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA



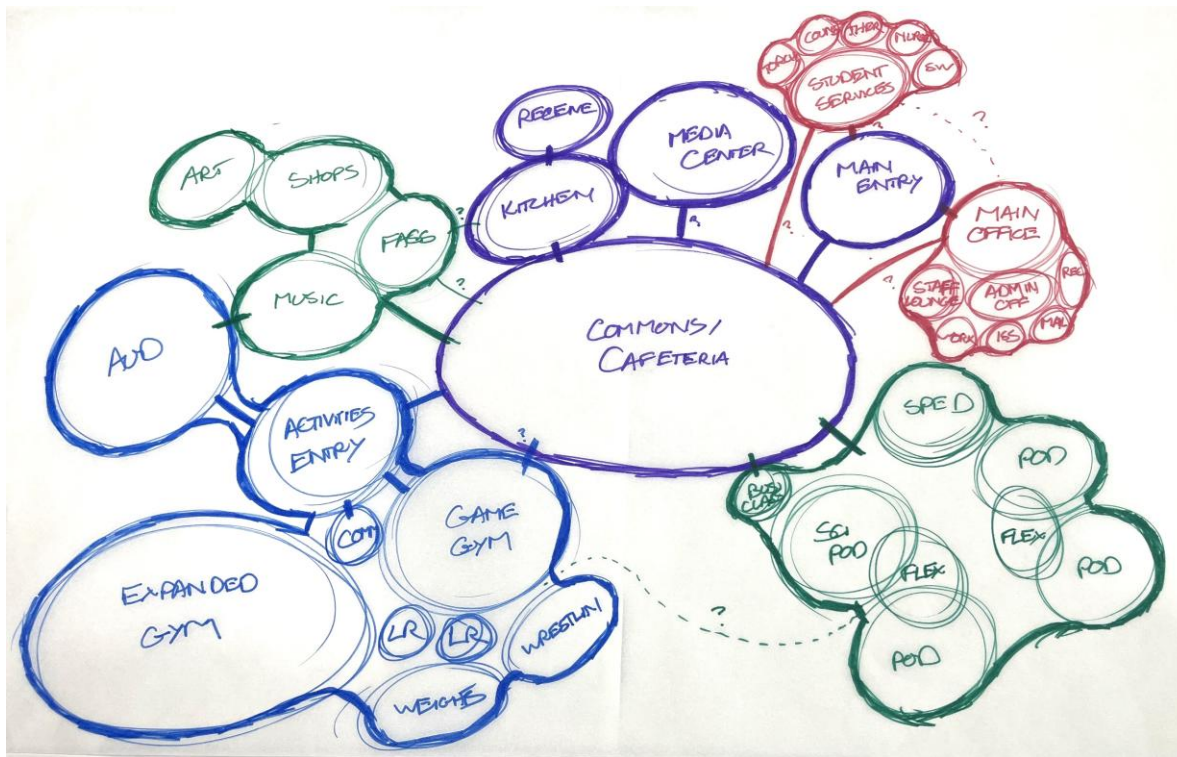
- [Solutions should] _____(insert statement)_____
- Criteria can be used publicly and needs to be clear to non-participants.
- Provides for parameters for option creation and review.

Diagram Evolution



REIMAGINE NORTHFIELD HIGH SCHOOL

ADJACENCY DIAGRAM – MEETING 4



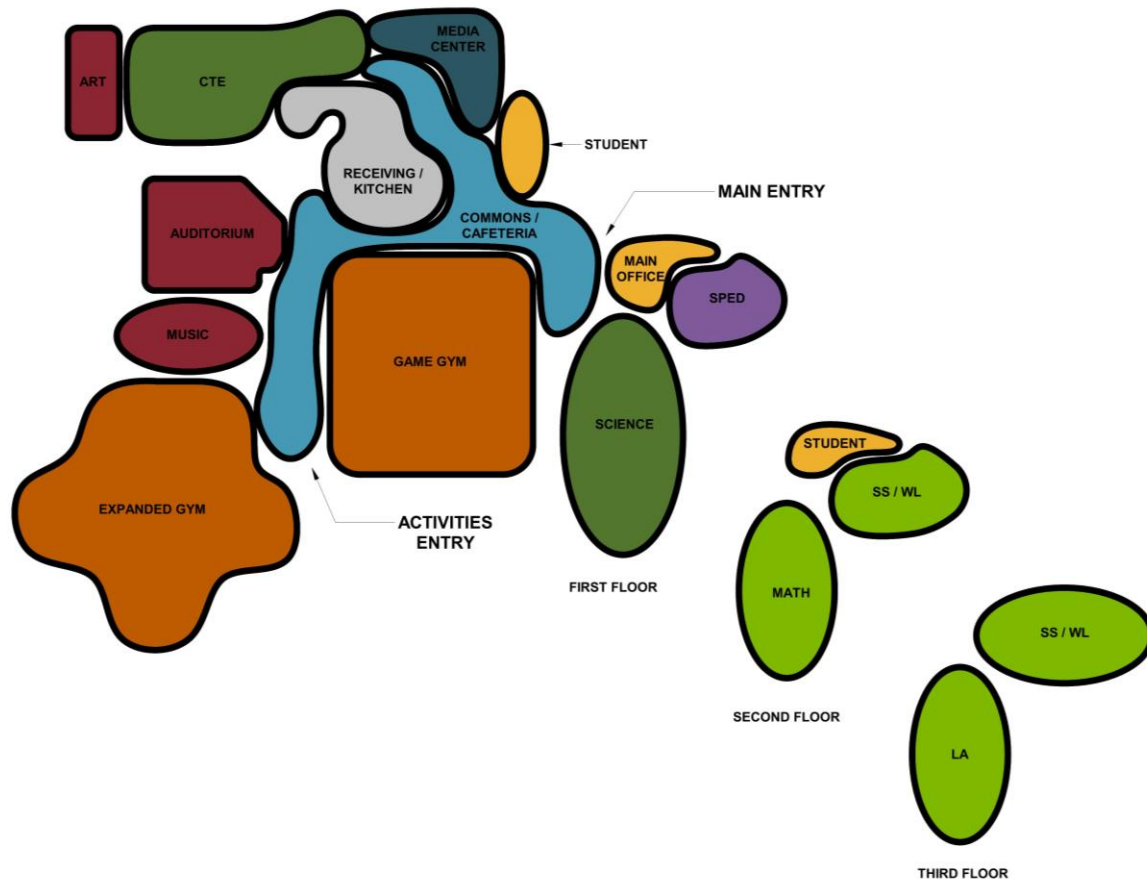




REIMAGINE NORTHFIELD HIGH SCHOOL

CONCEPT DIAGRAM – MEETING 4

- Classrooms/Flexible Learning Area
- Science, Engineering/Technology, Business
- Student Commons, Food Service
- Media Commons
- Special Education
- Auditorium, Art, Music
- Athletics / Physical Education
- Administration





REIMAGINE NORTHFIELD HIGH SCHOOL

PLAN DIAGRAM – MEETING 5

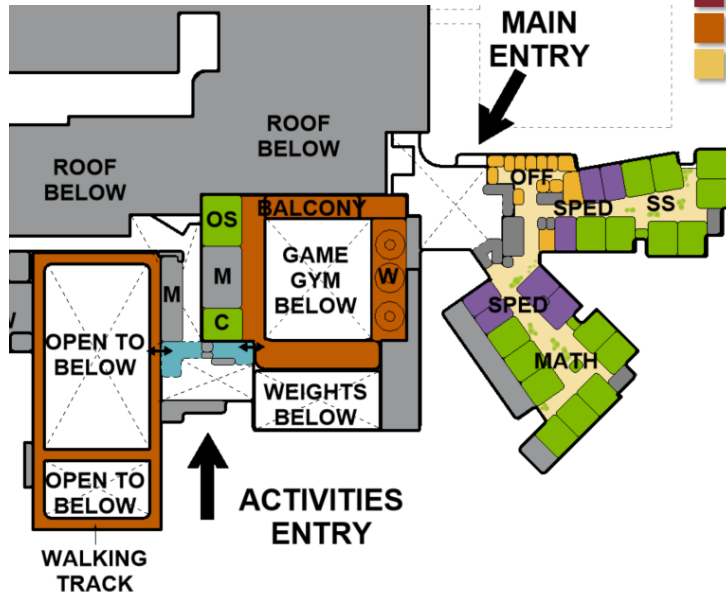
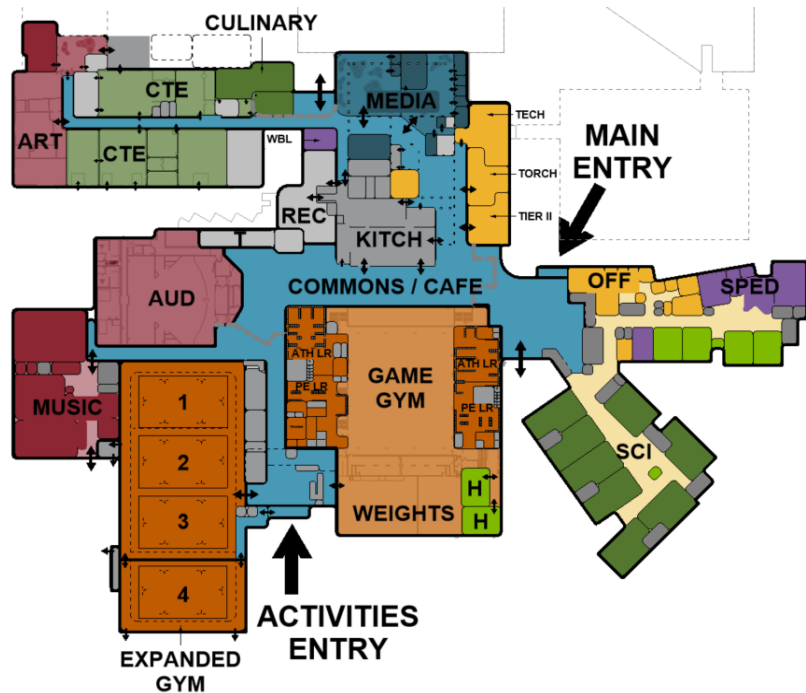
- Classrooms/Flexible Learning Area
- Science, Engineering/Technology, Business
- Student Commons, Food Service
- Media Commons
- Special Education
- Auditorium, Art, Music
- Athletics / Physical Education
- Administration





REIMAGINE NORTHFIELD HIGH SCHOOL

PLAN DIAGRAM – OVERALL PLANS

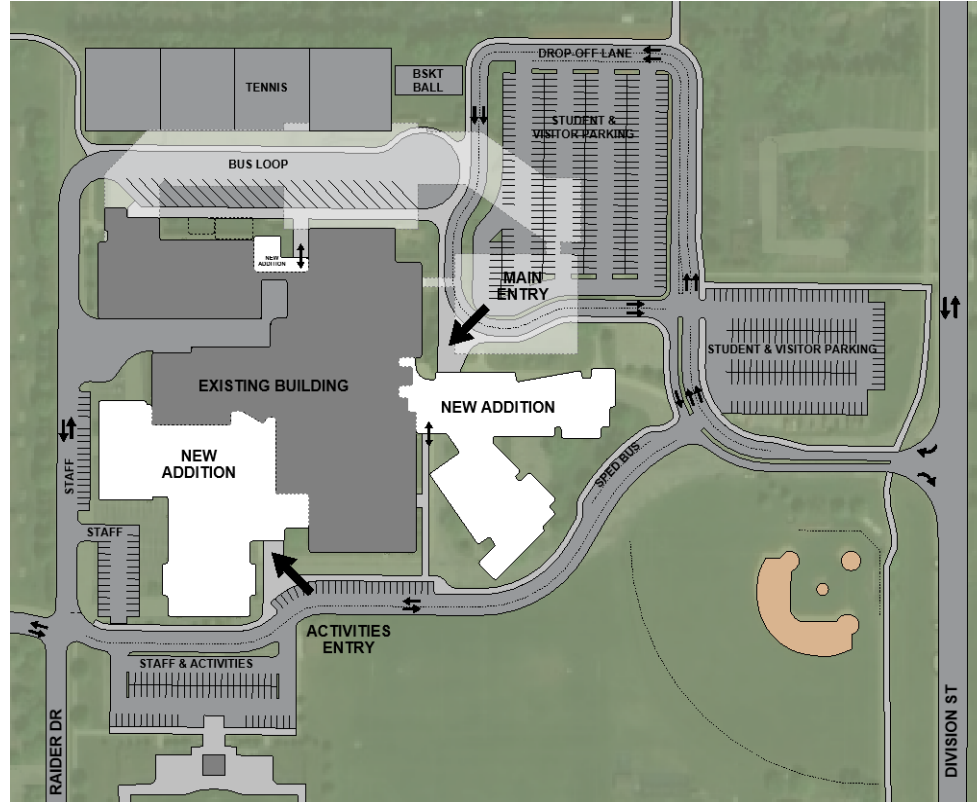


- Classrooms/Flexible Learning Area
- Science, Engineering/Technology, Business
- Student Commons, Food Service
- Media Commons
- Special Education
- Auditorium, Art, Music
- Athletics / Physical Education
- Administration



REIMAGINE NORTHFIELD HIGH SCHOOL

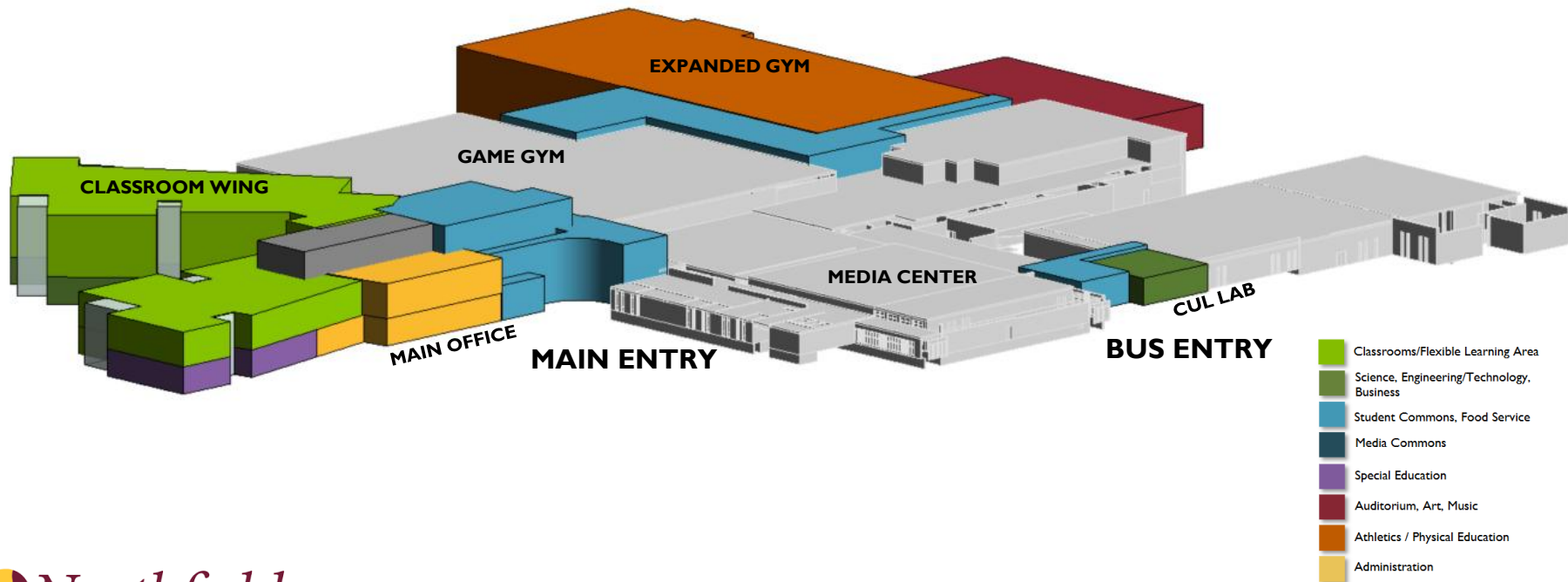
PLAN DIAGRAM – SITE PLAN





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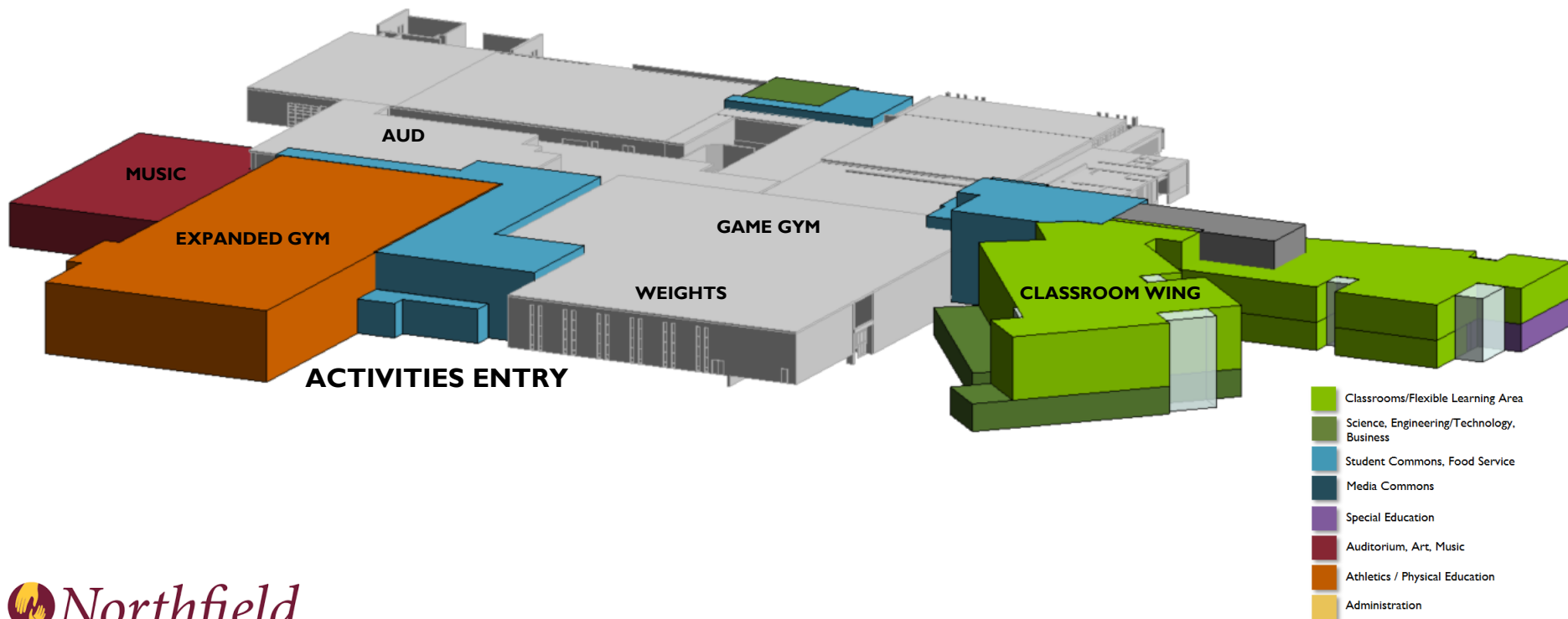
BUILDING MASSING





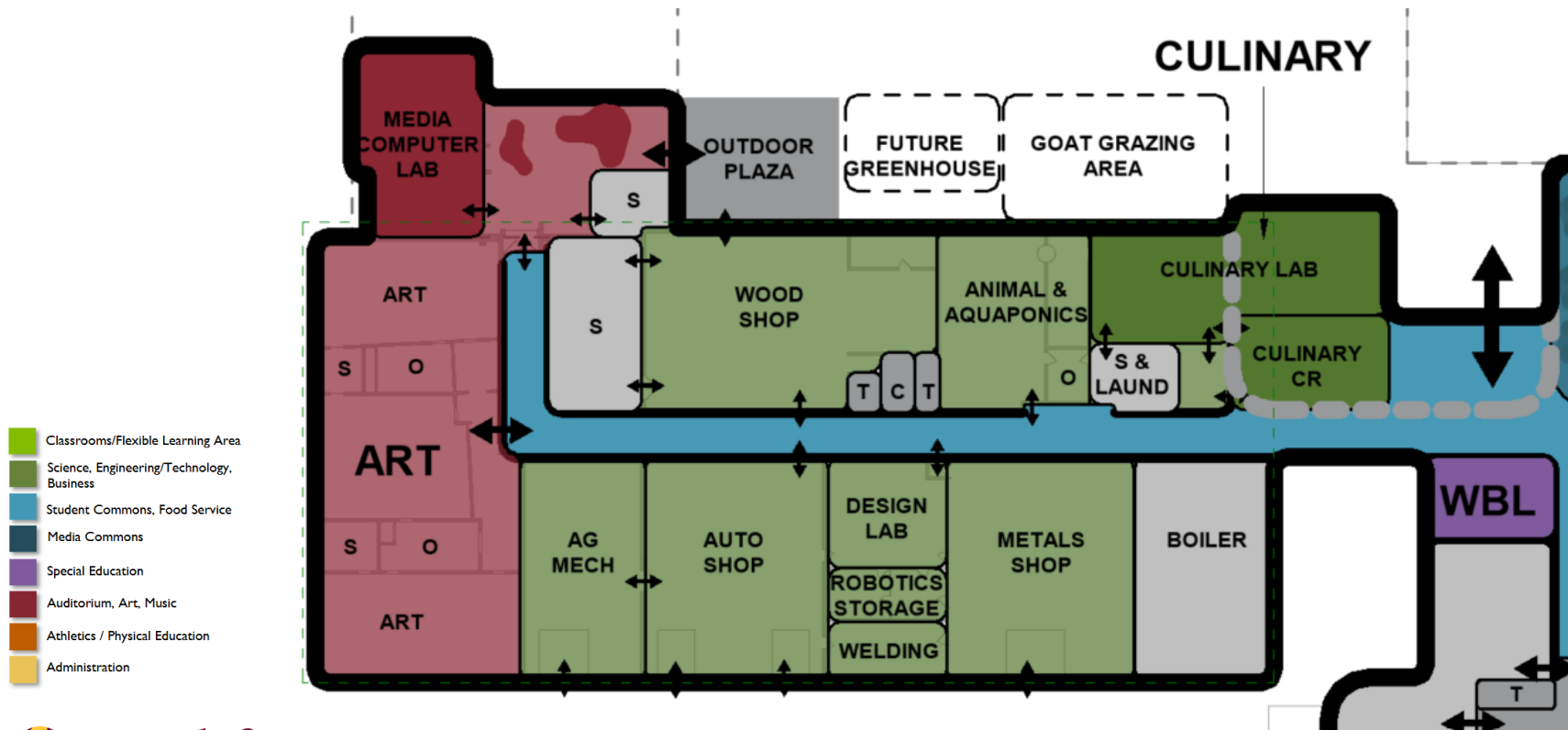
REIMAGINE NORTHFIELD HIGH SCHOOL

BUILDING MASSING





REIMAGINE NORTHFIELD HIGH SCHOOL PLAN DIAGRAM – ART/CTE/MEDIA CENTER

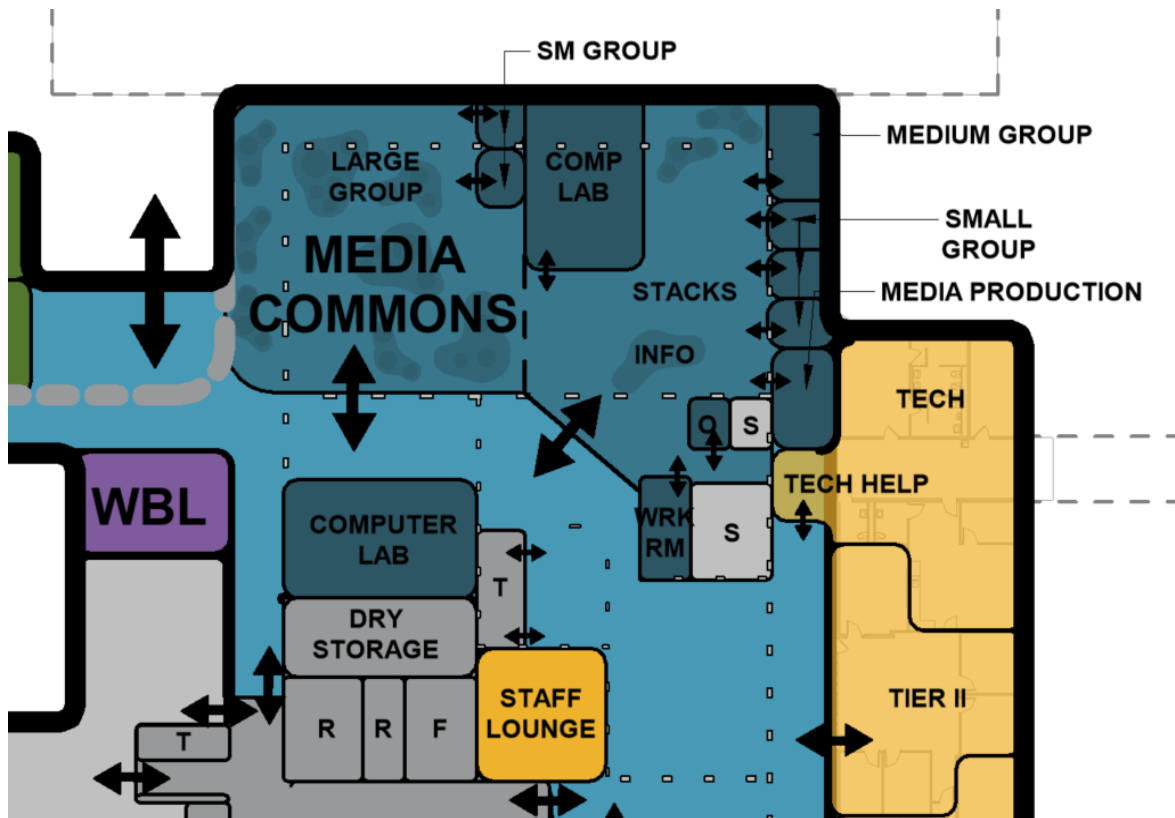




REIMAGINE NORTHFIELD HIGH SCHOOL

PLAN DIAGRAM – MEDIA CENTER

- Classrooms/Flexible Learning Area
- Science, Engineering/Technology, Business
- Student Commons, Food Service
- Media Commons
- Special Education
- Auditorium, Art, Music
- Athletics / Physical Education
- Administration

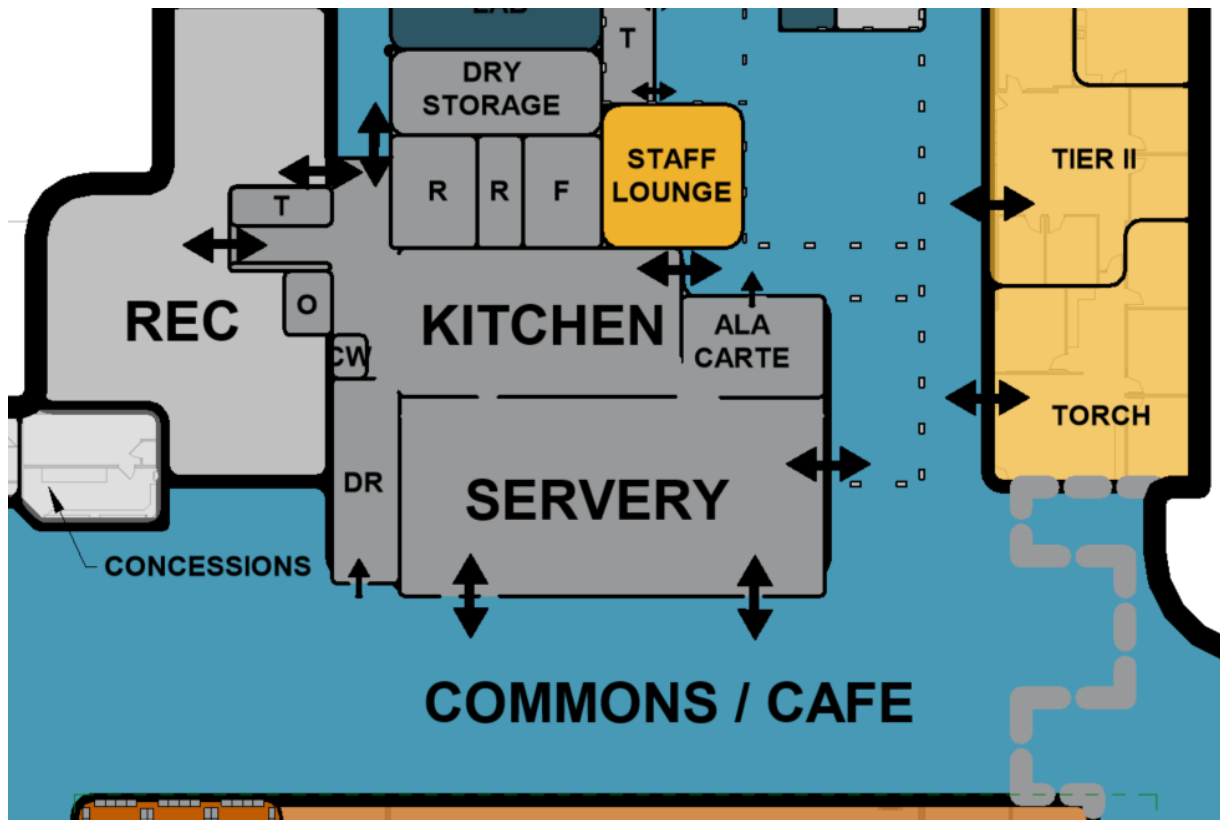




REIMAGINE NORTHFIELD HIGH SCHOOL

PLAN DIAGRAM – KITCHEN/CAFETERIA/COMMONS

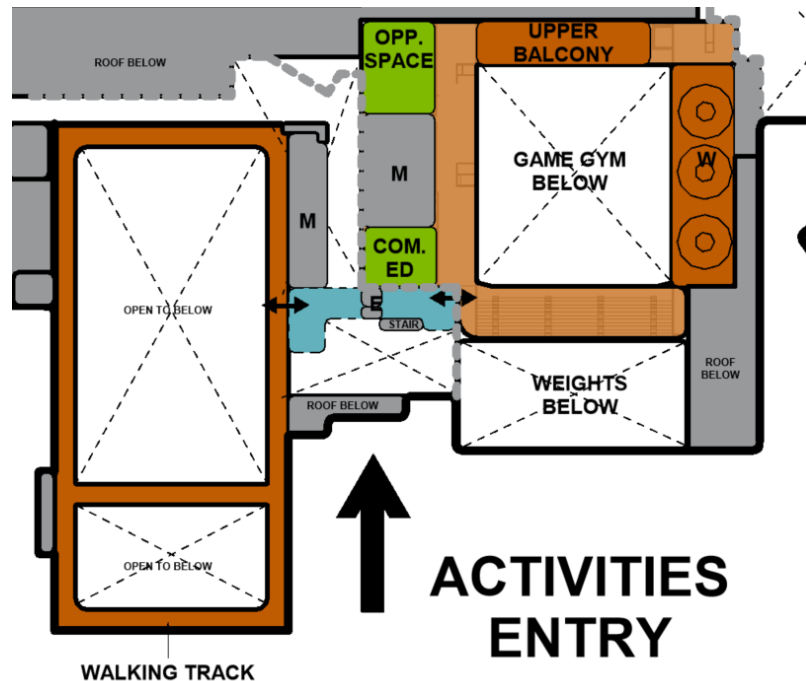
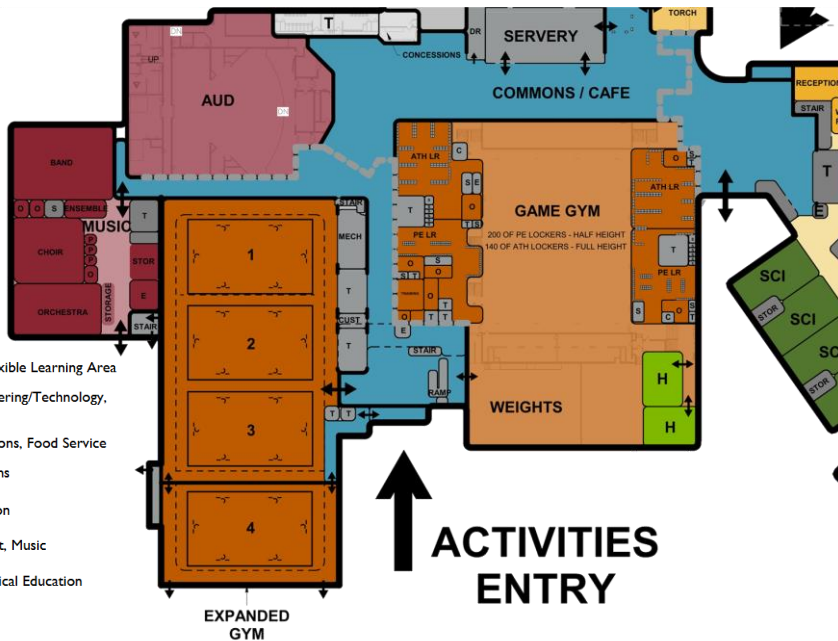
- Classrooms/Flexible Learning Area
- Science, Engineering/Technology, Business
- Student Commons, Food Service
- Media Commons
- Special Education
- Auditorium, Art, Music
- Athletics / Physical Education
- Administration





REIMAGINE NORTHFIELD HIGH SCHOOL

PLAN DIAGRAM – ACTIVITIES

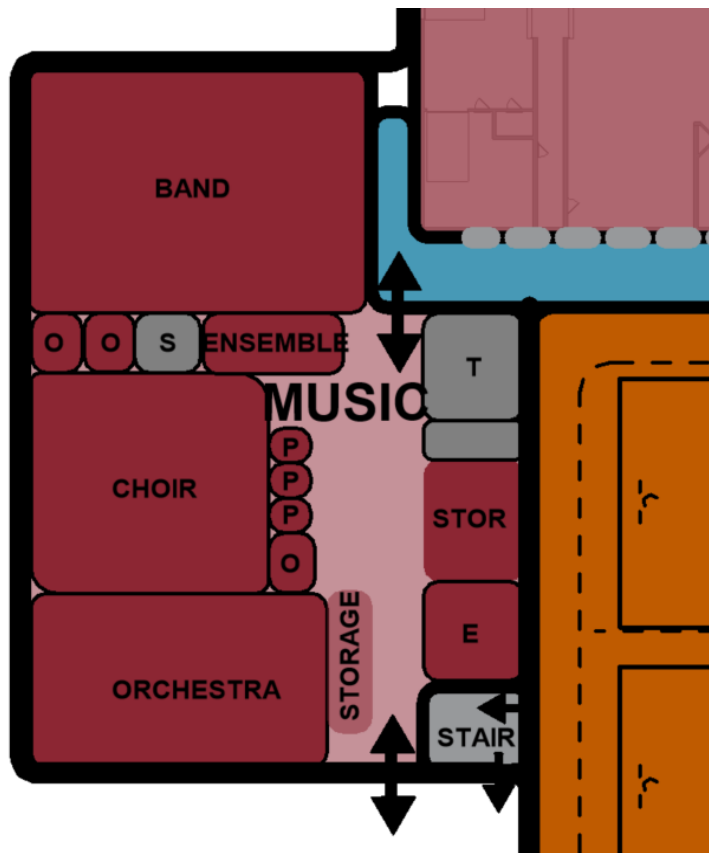




REIMAGINE NORTHFIELD HIGH SCHOOL

PLAN DIAGRAM – MUSIC

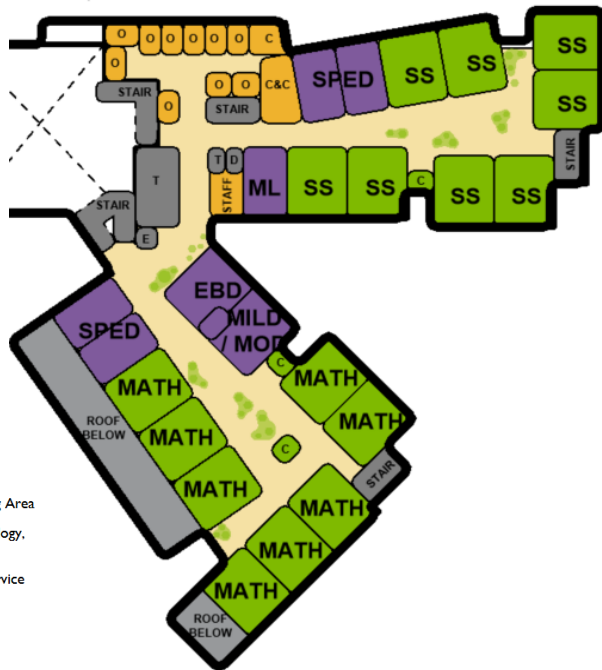
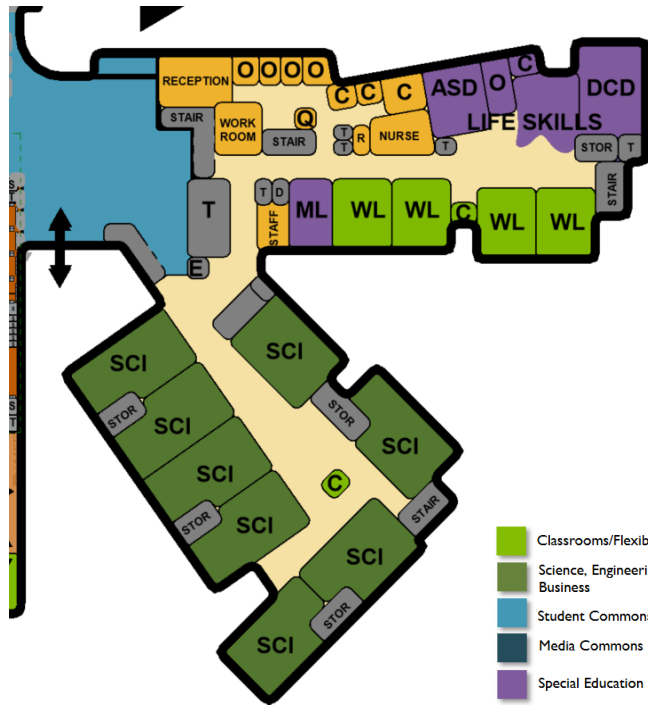
- Classrooms/Flexible Learning Area
- Science, Engineering/Technology, Business
- Student Commons, Food Service
- Media Commons
- Special Education
- Auditorium, Art, Music
- Athletics / Physical Education
- Administration





REIMAGINE NORTHFIELD HIGH SCHOOL

PLAN DIAGRAM – CLASSROOM PODS/OFFICE

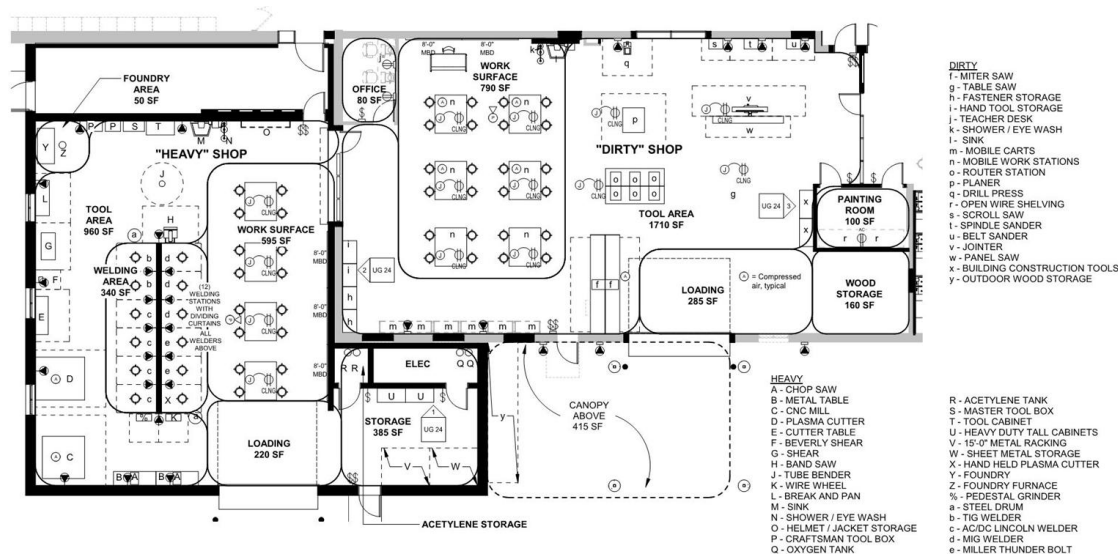


- Classrooms/Flexible Learning Area
- Science, Engineering/Technology, Business
- Student Commons, Food Service
- Media Commons
- Special Education
- Auditorium, Art, Music
- Athletics / Physical Education
- Administration



REIMAGINE NORTHFIELD HIGH SCHOOL

NEXT PHASE OF INPUT: USER GROUPS



We listen to your teachers, volunteers, paras, & staff who understand best how their space should function.

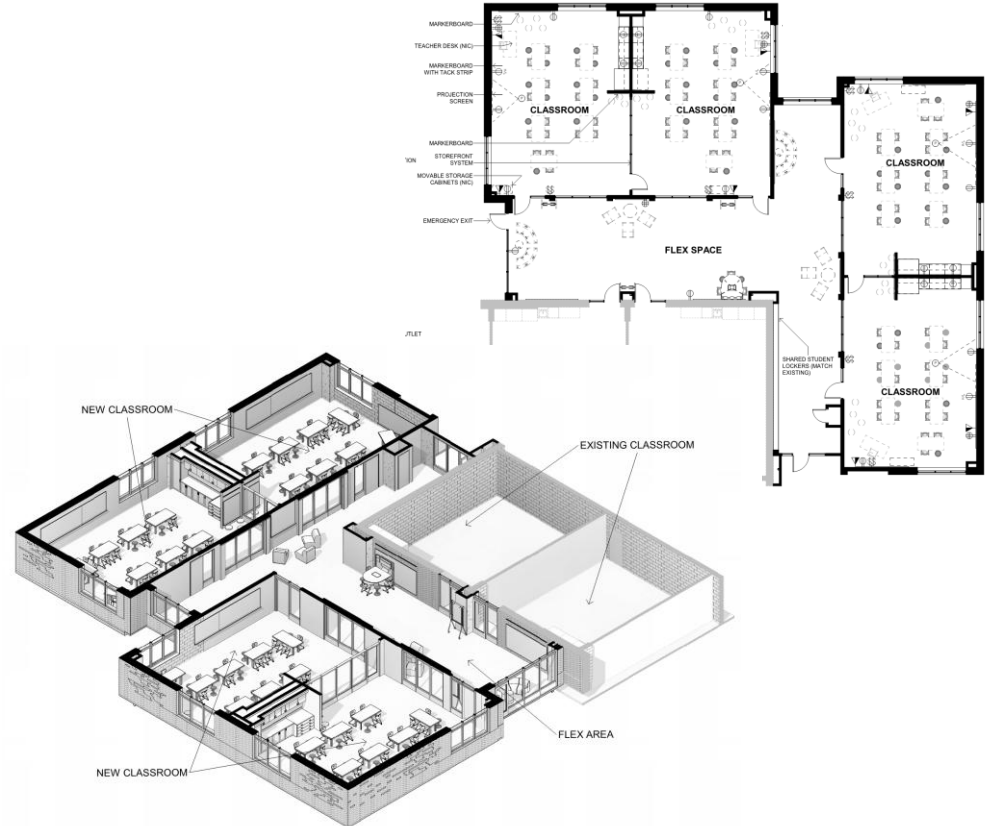


REIMAGINE NORTHFIELD HIGH SCHOOL

NEXT PHASE OF INPUT: USER GROUPS

User Group Process

- » Round 1: May 6, 8, 9
- » Round 2: Later in May
- » Any follow up: over summer
- » Any revisit topics with staff when they're back in the fall



REIMAGINE NORTHFIELD HIGH SCHOOL

PROJECT SCOPE

» **Other significant project scope items:**

- » Security – lockdown zones, reduction in exterior doors, etc.
- » Energy efficiency with various HVAC upgrades/replacement and inclusion of geothermal
- » Replacement of lighting and ceiling tiles
- » Fix remaining uninsulated walls
- » Replace remaining single-pane windows
- » Locker rooms (major renovation)
- » Auditorium upgrades (rigging, sound, etc)
- » Flexible furniture

REIMAGINE NORTHFIELD HIGH SCHOOL

NEXT STEPS

- » **Design Development:** May through September 2025
 - » User Groups
 - » Submittal to City
 - » 3D Renderings and Materials
 - » Update to School Board TBD October 2025
- » **Construction Documents:** send out for bid in late Feb/early March 2026
 - » Submittal to State for Plan / Plumbing Review
 - » Bidding and permits, materials procurement
 - » Update to School Board January or February 2026
- » **Construction:** Summer 2026 through Summer 2029 (in phases)

QUESTIONS?

THANK YOU TO THE CORE PLANNING GROUP & SUBCOMMITTEE!

Classroom Wing, main office, etc = 100'-0"

Expanded Gym & associated entry = 94'-8"???

Need ramps/stairs to navigate to 97'-4" and 100'-0"

Music = ? Same level as stage?

FACS/Northern Commons = 100'-0"

REIMAGINE NORTHFIELD HIGH SCHOOL

GUIDING PRINCIPLES

- The design should intentionally incorporate natural lighting to create warm and inviting spaces.
- The building layout should be intuitive, with clear navigation and appropriate signage for ease of wayfinding through the building.
- The building circulation should be sized appropriately to allow for easy navigation during passing times.
- The design of the building should be open and welcoming while considering sightlines/supervision.
- The site should be accessible and safe for all users, with a mindful flow of pedestrians, bicycles, vehicles, and bus traffic.
- The design should consider accessibility and inclusivity for all.



REIMAGINE NORTHFIELD HIGH SCHOOL

GUIDING PRINCIPLES

- The building should incorporate branding that shows school pride and celebrates the community of Northfield.
- The design should provide collaborative learning and teaching environments for staff and students.
- The building should have a welcoming and inviting entrance that is easy to identify, including on the site.
- The design should be thoughtful for future growth/expandability.
- The cafeteria should be welcoming, peaceful and be flexible to support a variety of uses.
- Technology throughout the building should be consistent and prioritize flexibility.

REIMAGINE NORTHFIELD HIGH SCHOOL

GUIDING PRINCIPLES - SUBCOMMITTEE

- The expanded gyms should allow for both school and community use.
- The design should be mindful of existing fields and maintain existing adjacencies where possible.



REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA

- The main office should be directly adjacent to the main entry to support the District's safety and security standards, with visitors checking in at the office before being allowed access to the rest of the school.
 - Attendance, Principal, Assistant Principal, and Nurse should be at the main office.
- Student services should be separate but adjacent to the main office (ideally with vertical connection) and near classrooms. Student Services should include at least: Counselors, Social Worker, Psychologist, Student Success Center, Raider Closet, HCI, space for Mental Health.
- Location of SRO should be near students, and not in the main office.
- Location of Activities Director should be near the main office, not in the main office, and close to activities.



REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA

- The design should support securing the building into zones for emergencies and to support before/after school building uses.
- The design should minimize entry points/doors to exterior (within confines of code).
- There should be a dedicated activities entrance separate from the main entry.
 - The expanded gym, game gym, and auditorium should be easy to find from this entry.
- There should be spaces in the building to accommodate different group sizes for meetings and presentations.
- All classrooms/learning spaces should have access to natural light, whether direct or borrowed.
- The design should include outdoor learning spaces.



REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA

- Classrooms should be designed to be flexible and multipurpose.
- The building should include multiple collaborative learning spaces for students to use outside of the classroom. Visibility between classrooms and collaborative pod/house space is important.
- The organization of the building should be organized to support a departmental model.
- Teacher collaboration areas should be incorporated into the design of the classroom wing.
- The design should locate Fine Arts (Art, Music, Theater) as near to each other as possible.
- Music department should be on the same level as the Auditorium and as close as possible.

REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA

- The cafeteria should have adequate space for seating and the serving line to flow without congestion.
- The design should include restrooms designed in the Inclusive model to the fullest extent allowable by code and budget.
- The design should include dedicated staff restrooms.
- There should be a variety of ways to display student work throughout the school, including display cases, digital displays and pin-up walls.
- The design should include flexible small spaces to serve a variety of uses, including meetings, mental health/wellness, prayer, etc.
- There should be space for the Raider Closet to allow students to access needed supplies accessed from the cafeteria/commons.



REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA

- The design should include lockers for 200 students thoughtfully disbursed throughout the school and in various sizes
- Health classroom space should be located near the gym that can be utilized by the public after hours.
- Shops and Culinary Arts should be located near each other.
- Business should be located near Math.
- The Media Center should be centrally accessible by classrooms.
- The Language Arts and Social Studies departments should be located near each other.
- Spaces serving Special Education Resource programs should be distributed near Math and Language Arts departments.



REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA

- Setting III spaces should be co-located and near the Administration and health services.
 - Location of Setting III programs should be near their transportation.

REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA – SUBCOMMITTEE

- There should be a dedicated activities entrance separate from the main entry.
- The expanded gym, game gym, and auditorium should be easy to find from this entry.
- Concessions should be located near the game gym, expanded gym, and auditorium.
- There should be gathering space located near the game gym, expanded gym, and auditorium.
- The expanded gym courts should all have wood athletic floor.
- The community should be able to access at least one court during the school day. Access to the walking track should be considered as well.
 - One court should be separated from the rest with a wall for acoustics and security.



REIMAGINE NORTHFIELD HIGH SCHOOL

DESIGN CRITERIA – SUBCOMMITTEE

- Locker Rooms:
 - Toileting, showering and changing should be designed with enhanced privacy in mind.
 - Team locker room layout should accommodate team meetings.
 - PE locker rooms should be designed to accommodate various groups.
 - Each locker room should have 200 PE lockers for boys and girls.
 - Each locker room should have 140 Athletic lockers for boys and girls.
- The weight room should be able to be accessed without going through other spaces.
- Each court should accommodate seating for up to 100 people in bleachers.
- Courts within the same space should be divided by a gym curtain.
- Each court should have 6 basketball hoops.