

MEETING MINUTES: Broomfield High School, Design Advisory Team Meeting #1

DATE: May 8, 2023

ATTENDEES: See attached sign-in sheet

AUTHOR: Scott Dangel

For corrections or clarifications, contact: Scott Dangel

MATERIALS USED: PowerPoint, Boards

DISTRIBUTION: All Present

ITEM	DISCUSSION	ACTION
1.1	A PowerPoint presentation was utilized and included the overall agenda. See the attached PowerPoint for additional details. Also, 30"x42" boards were used to supplement the PowerPoint presentation. Mark-ups on the boards from the meeting are included. A building tour was done after the main meeting discussions.	
1.2	The meeting started with introductions and followed with the DAT meeting. Bond Overview, Ground Rules, BHS Core Values, the Design Process and a high-level project scope and timeline.	
1.3	Comments from project scope discussion: <ul style="list-style-type: none">• The group thinks the football field press box should be replaced and not just renovated.• The group believes that all the tennis courts have been replaced already. The design team will investigate.• If there is any money left, money should be put into the auditorium finishes.• The science & math corridor is dark. The lights should be addressed in this area and if possible, natural light (solatubes) would be great.• The sound system in the main gym is in bad shape according to the group and would be nice to address if budget allows.• The existing scene shop has double doors leading into the auditorium stage. This doesn't work for transporting scenes. These double doors should be replaced with taller garage doors. The stage double doors across the hall should be replaced with garage doors also.• The existing stage needs a new surface. Currently, there is painted black Masonite "duct taped" to the existing wood floor system.	
1.4	The group expressed their concern about reviewing the CTE masterplan currently being worked on before making final decisions on the High School's pathways. They mentioned that the school is packed, and no rooms are free. The design team will look at under-utilized spaces as a way to address these concerns.	



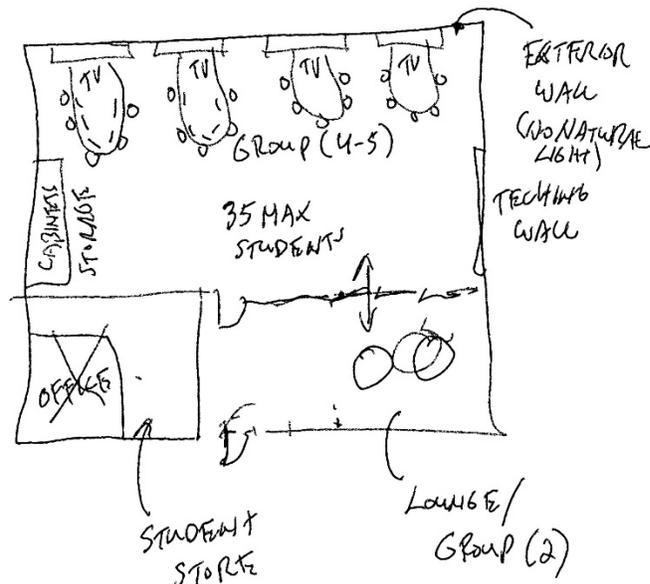
ITEM	DISCUSSION	ACTION
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1.5 Discussion related to wood shop / tech lab area

- There is no robotics department or computer science department currently. Robotics / computer science need better growth at the high school. More design thinking classes should be created and they should be tied to business.
- Tiny homes program was removed due to Covid, but they want to bring the program back in a year or two.
- The existing CAD / digital arts classroom is being used all day. Architectural design is taught but no connecting pathway beyond the class. The existing manufacturing classroom isn't being used.
- Should digital arts move by the rest of the art classrooms in the lower level, below the existing choir room?
- The existing concessions can be reduced if the space is needed for the adjacent construction CTE pathway.

1.6 Discussion related to business

- Business and computer science should be together. To do this, the existing choir room will need to be relocated to another area of the building. (the existing choir classroom tiers are wood construction) Maybe the existing choir room can be located by the auditorium, in the existing room that currently has concrete tiers. The design team will investigate.
- Below is a sketch created by Kelly Walter (business teacher) & Scott Dangel during the site walk for the business classroom ideal setup.



1.7 Discussion related to culinary



ITEM	DISCUSSION	ACTION
	<ul style="list-style-type: none">• The existing space is great. They currently have a Prostart program but this might be “grandfathered in” due to the lab only having residential equipment. The teachers would like commercial equipment at a few of the locations to better prepare students for the pathway. A follow up culinary meeting occurred 5/16/2023 at 8:30am with Terry, Charles, and Brian (kitchen consultant) to discuss more details about these spaces.• The demonstration station in the existing adjacent classroom can be removed to allow for a better classroom setup / environment.• A demonstration camera would be nice to have at the existing culinary lab demonstration station.• There are 35 students in the Intro-Cooking class.• It would be ideal to have 7 cooking stations for students and 1 demonstration station for the teacher. Currently, the demonstration station is used by a student after the teacher demonstration occurs.	
1.8	Human Services & Education Pathways: Includes culinary, child development, & mental wellness. No fashion or sewing exists but these programs would be nice.	
1.9	The DAT toured the building and viewed the existing Business & Choir areas, existing FACS space, and the existing Wood Shop / CAD classroom areas. Further review of the full scope of items will be forthcoming by the design team in conjunction with district and school staff.	
1.10	Next Step: DAT 2 on May 22 nd . TreanorHL to coordinate additional site visits with the engineers.	

Attachments:

Sign-In Sheet
PPT
Picture of boards

END OF MEETING MINUTES

The contents of these minutes are assumed to be correct unless TreanorHL is notified, in writing, of any additions, corrections, or deletions within three (3) calendar days of receipt.

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TREANORHL

MEETING SIGN-IN

PROJECT: BVSD-Broomfield High School

PROJECT NO.: ED0281.2301

OWNER PROJECT NO.:

LOCATION: Broomfield HS

DATE: May 08, 2023

	Name	Organization / Role	Email/Phone
X	1. Adam Braunstein	TreanorHL / Project Manager	abraunstein@treanorhl.com / 303-298-4707
X	2. Chad Novak	TreanorHL / Principal In-Charge	cnovak@treanorhl.com
X	3. Stephanie Grose	TreanorHL / Designer	sgrose@treanorhl.com
X	4. Scott Dangel	TreanorHL / Designer	sdangel@treanorhl.com
X	Rachel Plessing	TreanorHL / Project Arch	rplessing@treanorhl.com
X	5. Charles Zachemsky	BVSD / Project Manager	Charles.zachemsky@bvsd.org
	6. Jennifer Bryner	BVSD / Theatre Teacher	jennbryner@bvsd.org
	7. Alyson Rotman	BVSD / Choir	alyson.rotman@bvsd.org
	8. Gina Matecha	BVSD / Counselor	gina.matecha@bvsd.org
	9. Kelly Walter	BVSD / Business Teacher	kelly.walter@bvsd.org
	10. Terry Oakley	BVSD / Teacher	Terry.Oakley@bvsd.org
	11. ROBIN FOBES	BVSD / FCS TEACHER	ROBIN.FOBES.BVSD.ORG
	12. Ginger Ramsey	BrHS principal	ginger.ramsey@bvsd.org
	13. Nick Barnes	BrHS Assist. Principal	nick.barnes@bvsd.org
	14. Steve Shelton	AD	steve.shelton@bvsd.org / 5377
	15. John Long	BVSD / Teacher	john.long@bvsd.org





Broomfield High School

**DESIGN ADVISORY
TEAM MEETING #1**



TREANORHL

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- **INTRODUCTIONS**
 - **WHAT IS A DAT? COMMUNICATIONS & DAT PARTICIPATION**
 - **BOND/VFA OVERVIEW**
 - **SUSTAINABILITY GUIDELINES**
 - **PROJECT SCOPE**
 - **GROUND RULES**
 - **THE DESIGN PROCESS**
 - **TIMELINE**
 - **NEXT STEPS**



AGENDA

- **NAME**
- **ROLE(S)**
- **ICEBREAKER:**
 - SOMETHING THAT MAKES BHS SPECIAL**
 - or
 - SOMETHING INTERESTING ABOUT YOU**



INTRODUCTIONS

Design Advisory Team (DAT)

A community based “group of representatives who work with other design team member to clarify and refine the specific scope of work outlined by the Critical Needs Plan.”

The DAT’s role is advisory in nature

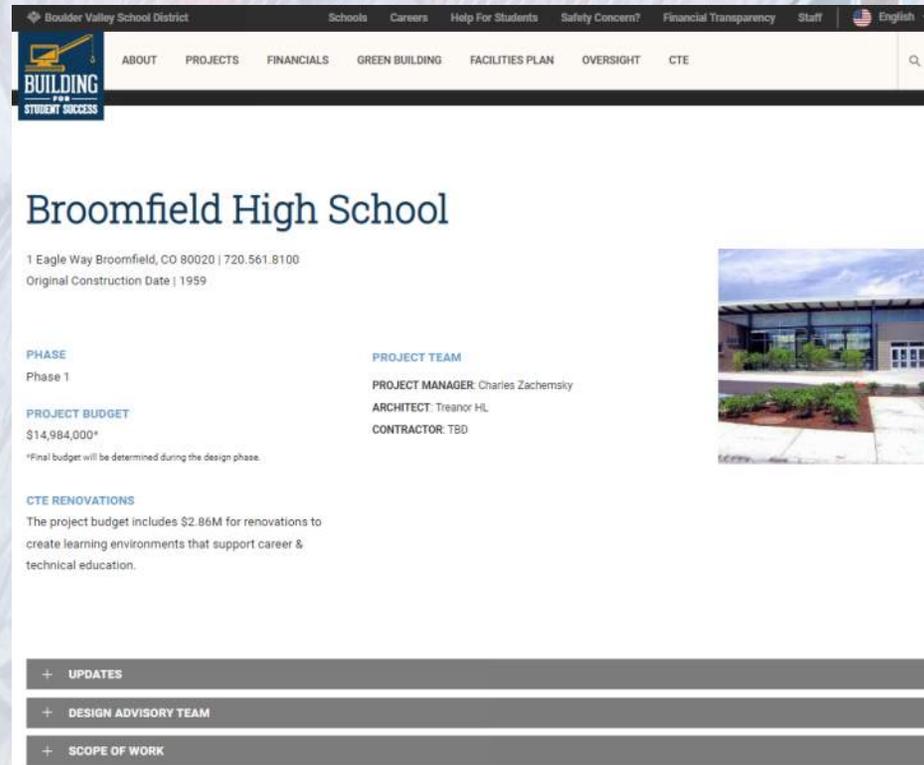
- School DAT participants
- District Project Manager
- Project Architect & Engineers
- General Contractor (CMGC)



DESIGN ADVISORY TEAM

Communications & DAT Participation

<https://bond.bvsvd.org/school-projects/broomfield-high-school>



The screenshot shows the website for the Broomfield High School project. The header includes the Boulder Valley School District logo and navigation links for Schools, Careers, Help For Students, Safety Concern?, Financial Transparency, Staff, and English. A secondary navigation bar lists ABOUT, PROJECTS, FINANCIALS, GREEN BUILDING, FACILITIES PLAN, OVERSIGHT, and CTE. The main content area features the title "Broomfield High School" and the address "1 Eagle Way Broomfield, CO 80020 | 720.561.8100". It also notes the "Original Construction Date | 1959". A photograph of the school building is shown on the right. The page is organized into sections: PHASE (Phase 1), PROJECT TEAM (Project Manager: Charles Zachemsky, Architect: Treanor HL, Contractor: TBD), PROJECT BUDGET (\$14,984,000*), and CTE RENOVATIONS (The project budget includes \$2.86M for renovations to create learning environments that support career & technical education). At the bottom, there are expandable sections for UPDATES, DESIGN ADVISORY TEAM, and SCOPE OF WORK.



DESIGN ADVISORY TEAM

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Bond/VFA Overview

<https://bond.bvsvd.org/educational-facilities-master-plan>



The screenshot shows the BVSD website's 'Facilities Critical Needs Plan' overview page. The page features a navigation menu with links for ABOUT, PROJECTS, FINANCIALS, GREEN BUILDING, FACILITIES PLAN, OVERSIGHT, and CTE. Below the menu is a search bar and a header image of students in a science lab. The main heading is 'Facilities Critical Needs Plan' with a sub-heading 'Overview'. The text describes the district's commitment to fiscal responsibility and the importance of maintaining and updating school facilities to support student learning. It mentions a 2021 districtwide assessment and a 2022 Critical Needs Plan representing \$350M in priorities. The page also notes the need for additional capacity in the northeastern area of the district.



BOND/VFA OVERVIEW

Sustainability Guidelines

<https://bond.bvsd.org/green-building>

Green Building



Overview

BVSD has made an organizational commitment to sustainability through policy and our [Sustainability Action Plan](#). Goals set in the Action Plan establish measurable benchmarks for our efforts to protect student and staff health; conserve energy, water, and other natural resources; and reduce waste, pollution, and environmental degradation. The [work described in the 2022 Critical Needs Plan](#) will continue to support these goals through the design and operation of our school buildings.

To support our design partners to help us build more innovative and sustainable schools, we've developed [Green Building Guiding Principles](#) and updated our technical specifications to reflect our sustainability values. New construction will use the LEED rating system to guide design and strive to achieve a gold standard.

RELATED RESOURCES

- [Green Building Guiding Principles](#)
- [Sustainability Action Plan](#)
- [Sustainable Energy Plan](#)
- [greenBVSD Webpage](#)
- [BVSD Energy Website](#)



SUSTAINABILITY GUIDELINES

Overview of work to be completed:

Building Envelope	<ul style="list-style-type: none"> • Replace exterior metal panels • Repair/replace exterior brick & concrete • Repair/replace deteriorating areas of roof and roof components
Building Systems	<ul style="list-style-type: none"> • Replace deteriorating HVAC, electrical, & plumbing systems components to avoid potential system failure • Update obsolete HVAC controls • Replace boilers
Infrastructure/Site	<ul style="list-style-type: none"> • Upgrade stadium lighting • Repair/replace exterior concrete & pavement • Repair/replace tennis court surfacing • Replace synthetic turf field • Site irrigation improvements • Replace track surfacing • Renovate press box • Replace grandstand seating
Safety/Code	<ul style="list-style-type: none"> • Address various ADA needs • Install safety railings and ladders • Update fire protection system • Upgrade exterior lighting
Interior Space Improvement	<ul style="list-style-type: none"> • Auditorium improvements • Interior finish improvements such as flooring, paint and ceilings • Weight room renovation • Repair/replace casework
Career & Technical Education Improvements	Broomfield High is eligible to receive up to \$2.86M in additional funds to invest in renovations to create learning environments to support career & technical education.



PROJECT SCOPE

- **BE BIG PICTURE FOCUSED**
- **ATTENDANCE IS CRITICAL**
- **BE OPEN-MINDED**
- **BE HONEST**
- **BE CREATIVE**
- **LISTEN**
- **BE DECISIVE**
- **BE A COMMUNITY AMBASSADOR**
- **HAVE FUN!!**

THE CREATIVE PROCESS



GROUND RULES

Critical Needs At a Glance

Aging Buildings
 All students will require their safe, functional, comfortable schools. These investments are essential by extending the useful life of facilities.

Overcrowding
 Continued growth, driven by several new housing developments, has already caused overcrowding in many of our schools in the near future. At the critical elementary, middle and high schools, additional classrooms and support spaces are needed to accommodate the increasing enrollment. Additional classrooms and support spaces are needed to accommodate the increasing enrollment. Additional classrooms and support spaces are needed to accommodate the increasing enrollment.

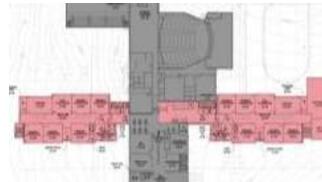
Expanding Educational Opportunities and Post-Graduation Readiness
 BVSD has recognized the need to expand Career and Technical Education (CTE) opportunities, and is ready to facilitate the student experience in college and career readiness. In the state we are experiencing shortages of CTE teachers and high schools that will support or create the skills gaps where students can experience relevant program opportunities with the most equipment. Many have acquired valuable technical skills along with the real world, hands-on experience that lead to high-wage and high-growth jobs that are in high demand.

Improving ADA Access on Playgrounds
 In the next several years, many of our playgrounds will need to be replaced with enhanced safety and accessibility features.

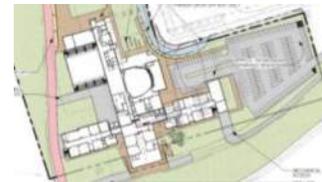
CRITICAL NEEDS



CONCEPT & SCHEMATIC DESIGN (SD)



DESIGN DEVELOPMENT (DD)



CONSTRUCTION DOCUMENTS (CD)



CONSTRUCTION BIDDING & CONSTRUCTION

Road map of general goals for the District as a whole and each school individually;

Big decisions made with regard to building program, footprint and shape, building systems and materials. Preliminary cost estimate prepared. **DAT meetings.**

Refinement of building systems, assemblies, and materials; footprint, shape, and program finalized; details begin to emerge. Cost estimate refined. **Update DAT on progress.**

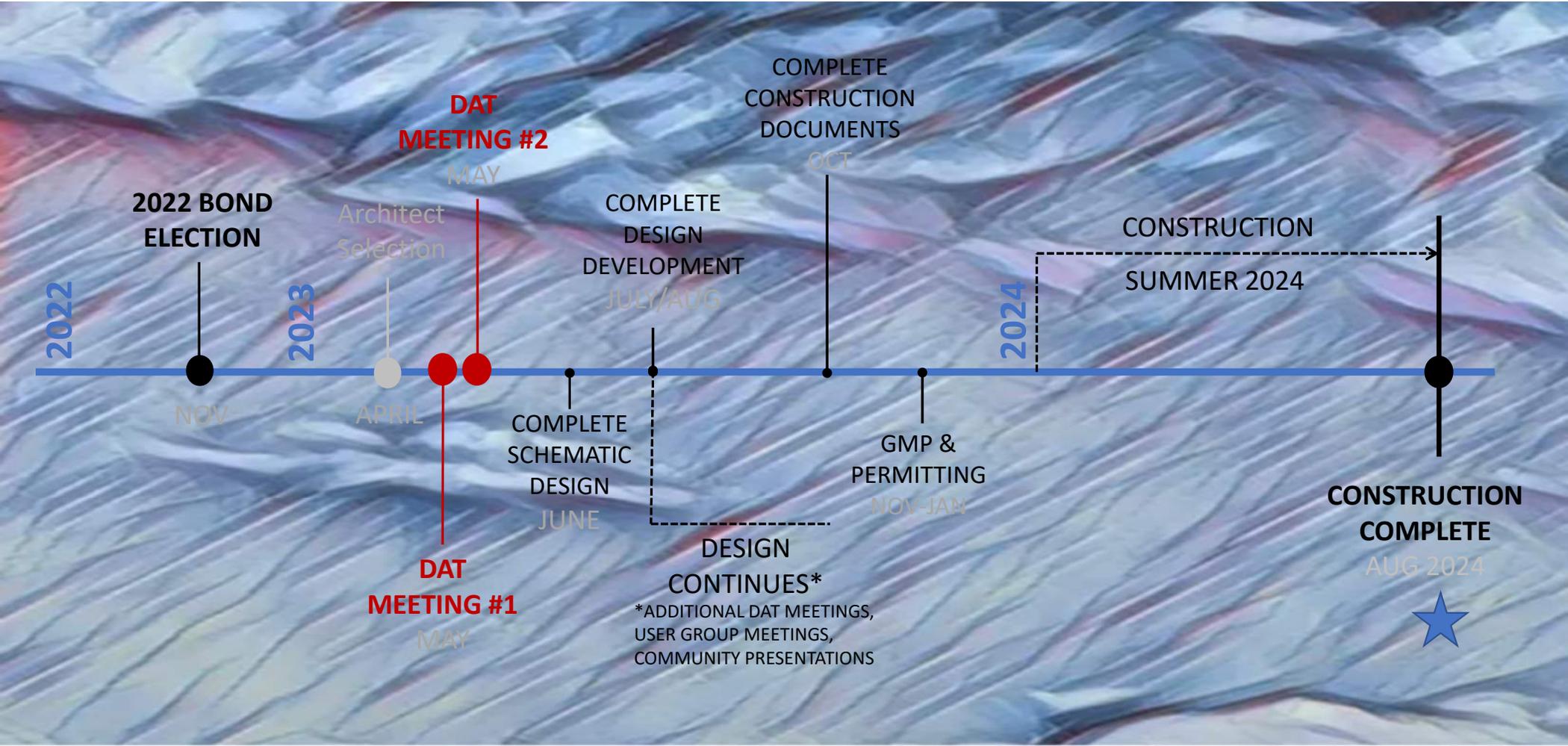
Technical documentation of all building systems and assemblies; includes details and specifications.

Project built. Pricing prepared through bids from various subcontractors; documents submitted to the State for the review and permitting.

You are here



THE DESIGN PROCESS



TIMELINE

Be Responsible * Honor Yourself and Others * Strive for Excellence

- **Create an opportunity for students to develop their intellectual, vocational, creative, and physical potentials within a challenging curriculum in a safe, inclusive, and motivational environment.**
- **Nurture students' diverse and lasting experiences that extend beyond the classroom.**
- **Recognize and support student and staff contributions and achievements.**
- **Provide the community a focal point for activity, involvement, and civic pride.**



CORE VALUES



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FLOOR PLAN



 **BVSD**

SITE

- **DAT #2 (MAY 22, 4pm)**
- **BUILDING SITE VISITS (MAY)**
- **CTE SCOPE FINALIZED (MAY)**
- **GENERAL CONTRACTOR SELECTION (MAY/JUNE)**
- **SCHEMATIC DESIGN COMPLETION (JUNE)**
- **SCHEMATIC COST ESTIMATE**



NEXT STEPS

