

FACILITIES UPDATE WORKSHOP



PRESENTED BY

CJ KNOWLAND,
DIRECTOR, FACILITIES, MAINTENANCE, OPERATIONS, & TRANSPORTATION



NORTH

SLIDE NUMBER

1

LOS ALAMITOS UNIFIED SCHOOL DISTRICT



10293 Bloomfield St, Los Alamitos, CA 90720
| Phone: (562) 799-4700 | www.losal.org |

WORKSHOPS PRESENTED:

MAY UPDATE	05/14/19
JUNE UPDATE	06/05/19
AUGUST UPDATE	08/13/19
SEPTEMBER UPDATE	09/24/19
OCTOBER UPDATE	10/29/19

PRESENTATION:

MEASURE G PROGRAM – PROJECTS UPDATE

UPDATE NUMBER:

WS-10.29.19

FACILITIES, MAINTENANCE, OPERATIONS, TRANSPORTATION



GENERAL NOTES

1. Site Plumbing for Pool Utilities is in Progress
2. Due to Soil Requirements Contractor Required to Start at Deep End and Work Out of the Pool
3. Soil at Pool Walls is to be Formed and Recompacted Prior to Pool Shell Shotcrete
4. MUSCO Lights and Shade Structure are being Fabricated (MUSCO Lights to be 35ft)

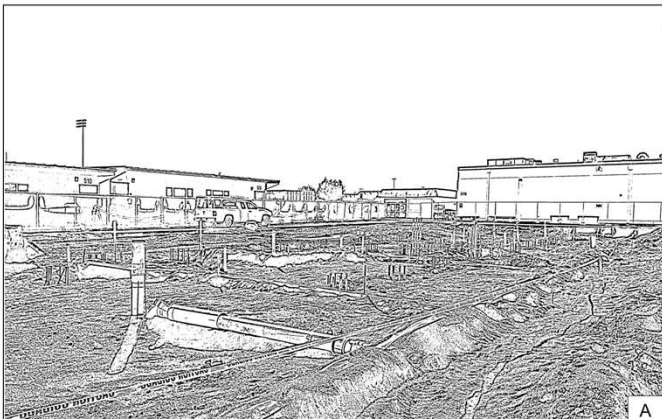
A



B

50M POOL CONSTRUCTION PROGRESS OVERVIEW

LOS ALAMITOS HIGH SCHOOL - AQUATIC CENTER



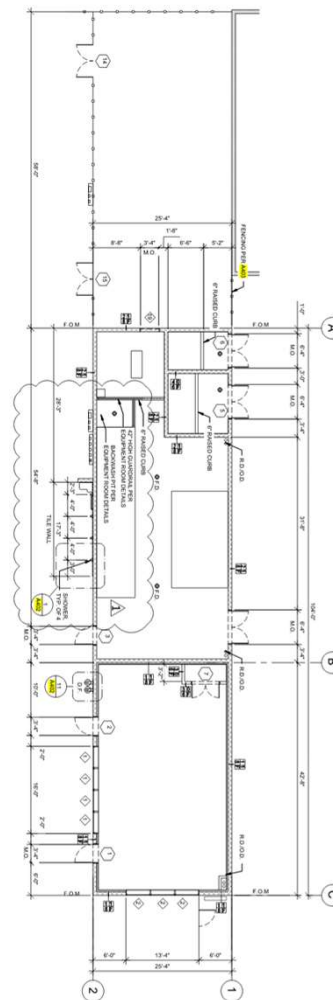
GENERAL NOTES

1. Site Electrical, Data, and Plumbing Utilities for Pool Equipment Room and Classroom
2. Data Requirements for Classroom and Athletics Confirmed
3. Classroom Utilization under Review
4. Building Foundations Scheduled to be Poured
5. Building Finishes in Review

A

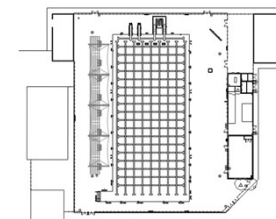
EQUIPMENT AND CLASSROOM CONSTRUCTION PROGRESS OVERVIEW

LOS ALAMITOS HIGH SCHOOL - AQUATIC CENTER



LOS ALAMITOS HIGH SCHOOL AQUATIC CENTER

SITE PLAN:



PROJECT DESCRIPTION:

1. 50 METER BY 25 YARD COMPETITION POOL PROVIDING PROGRAMING FOR SWIMMING COMPETITION, WATER POLO, AND DIVING
2. NEW 1,440 SQUARE FEET POOL EQUIPMENT ROOM AND 965 SQUARE FEET CLASSROOM BUILDING
3. NEW 16,909 SQUARE FEET POOL DECK INCLUDING SHADE STRUCTURE BLEACHERS, AND POOL STORAGE AREA

PRESENTATION:

MEASURE G PROGRAM – PROJECTS UPDATE

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FACILITIES, MAINTENANCE, OPERATIONS, TRANSPORTATION

*Partially deteriorated and walls at risk have been cement treated and stepped back in tiers to prevent future soil fallout



GENERAL NOTES

1. Site Plumbing for Pool Utilities is in Progress
2. Due to Soil Requirements Contractor Required to Start at Deep End and Work Out of the Pool
3. Soil at Pool Walls is to be Formed and Recompacted Prior to Pool Shell Shotcrete
4. MUSCO Lights and Shade Structure are being Fabricated (MUSCO Lights to be 35ft)

164 FT

75 FT

3M Dive Platform

Pool Equipment Room and Classroom Building



50M POOL CONSTRUCTION PROGRESS OVERVIEW

LOS ALAMITOS HIGH SCHOOL - AQUATIC CENTER



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Building Acts as Perimeter Fencing

*Two classroom doors with access on pool side only

*Equipment room door on pool side and campus sides of building

GENERAL NOTES

1. Site Electrical, Data, and Plumbing Utilities for Pool Equipment Room and Classroom
2. Data Requirements for Classroom and Athletics Confirmed
3. Classroom Utilization under Review
4. Building Foundations Scheduled to be Poured
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EQUIPMENT AND CLASSROOM CONSTRUCTION PROGRESS OVERVIEW

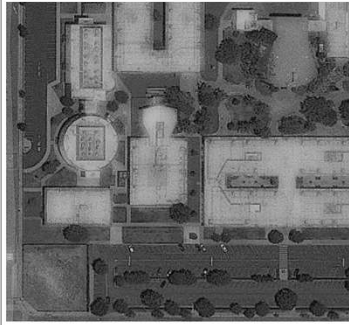
LOS ALAMITOS HIGH SCHOOL - **AQUATIC CENTER**



NORTH

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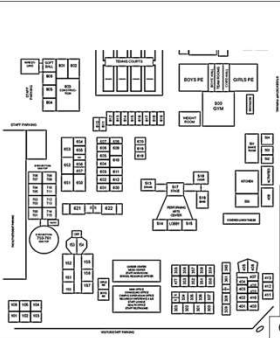
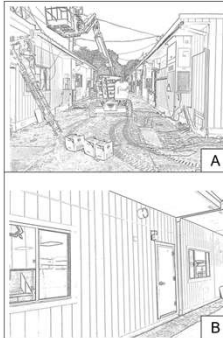


GENERAL NOTES

1. Preparing to Demo the Existing Administration Building and Installing Required Fencing
2. Additional Interim Path of Travel for Staff and Students where Possible
3. All Trees within the Project Fencing will Require Removal and will be Replaced with California Native Species

REQUIRED PROJECT FENCING OVERVIEW

LOS ALAMITOS HIGH SCHOOL – MULTISTORY STEM BUILDING



GENERAL NOTES

- Classrooms and Staff are Scheduled to Begin Moving in Three Phases
- 1st Phase** – Classrooms will be Relocated to Interim Housing
- 2nd Phase** – Counselors, Psychologists, Career Center, and Media Center Relocate to Interim Housing while Office Space is Built in Existing Relocated Classrooms
- 3rd Phase** – All Remaining Administration Relocates to Previous Existing Classroom, Office Space

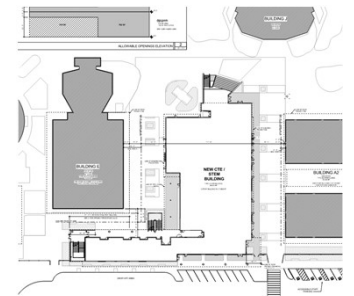
STAFF MOVE LOCATIONS AND SCHEDULE

LOS ALAMITOS HIGH SCHOOL – MULTISTORY STEM BUILDING



LOS ALAMITOS HIGH SCHOOL MULTISTORY STEM BUILDING

SITE PLAN:



PROJECT DESCRIPTION:

THREE-STORY STEM BUILDING TO PROVIDE ADMINISTRATION OFFICES, SCIENCE CLASSROOMS, MEDIA CENTER, AND CTE EDUCATIONAL FACILITIES

PRESENTATION:

MEASURE G PROGRAM – PROJECTS UPDATE

UPDATE NUMBER:

WS-10.29.19

FACILITIES, MAINTENANCE, OPERATIONS, TRANSPORTATION

WHY?

Pursuant to California State Assembly Bill 52 the District is required to meet with any tribal representative that requests consultation and is traditionally or culturally affiliated with the local geographical area of the project.

WHEN?

The Native American The consultation must take place prior to the release of a negative declaration (ND), mitigated negative declaration (MND), or environmental impact report (EIR) for a project.

GENERAL NOTES

1. Monitoring to only consist of earthwork activities and is not required for any other portions of the work
2. In the event an artifact is discovered, the Native American Tribes are contacted and can declare it an archeological site, therefore stopping construction progress in that area

NATIVE AMERICAN MONITORING

LOS ALAMITOS HIGH SCHOOL – MULTISTORY STEM BUILDING



GENERAL NOTES

1. Value Engineering is a specialized cost control technique used throughout the construction process
2. Items are identified that have the potential to increase the projects value while maintaining or reducing costs
3. The optimal timeframe for Value Engineering to occur is after budget reconciliation and before DSA final approval

Value Engineering Matrix

Quality	Cost	
	Decrease	Increase
Increase	Value Added	
Decrease		Value Lost

VALUE Determined lifespan of the building and the amount of functionality that the building is able to provide and overall benefit to the end-user

QUALITY The ability of the building to serve its function and the life span of the building

COST The amount an item costs and the impact on the projects budget

VALUE ENGINEERING ITEMS

LOS ALAMITOS HIGH SCHOOL – MULTISTORY STEM BUILDING

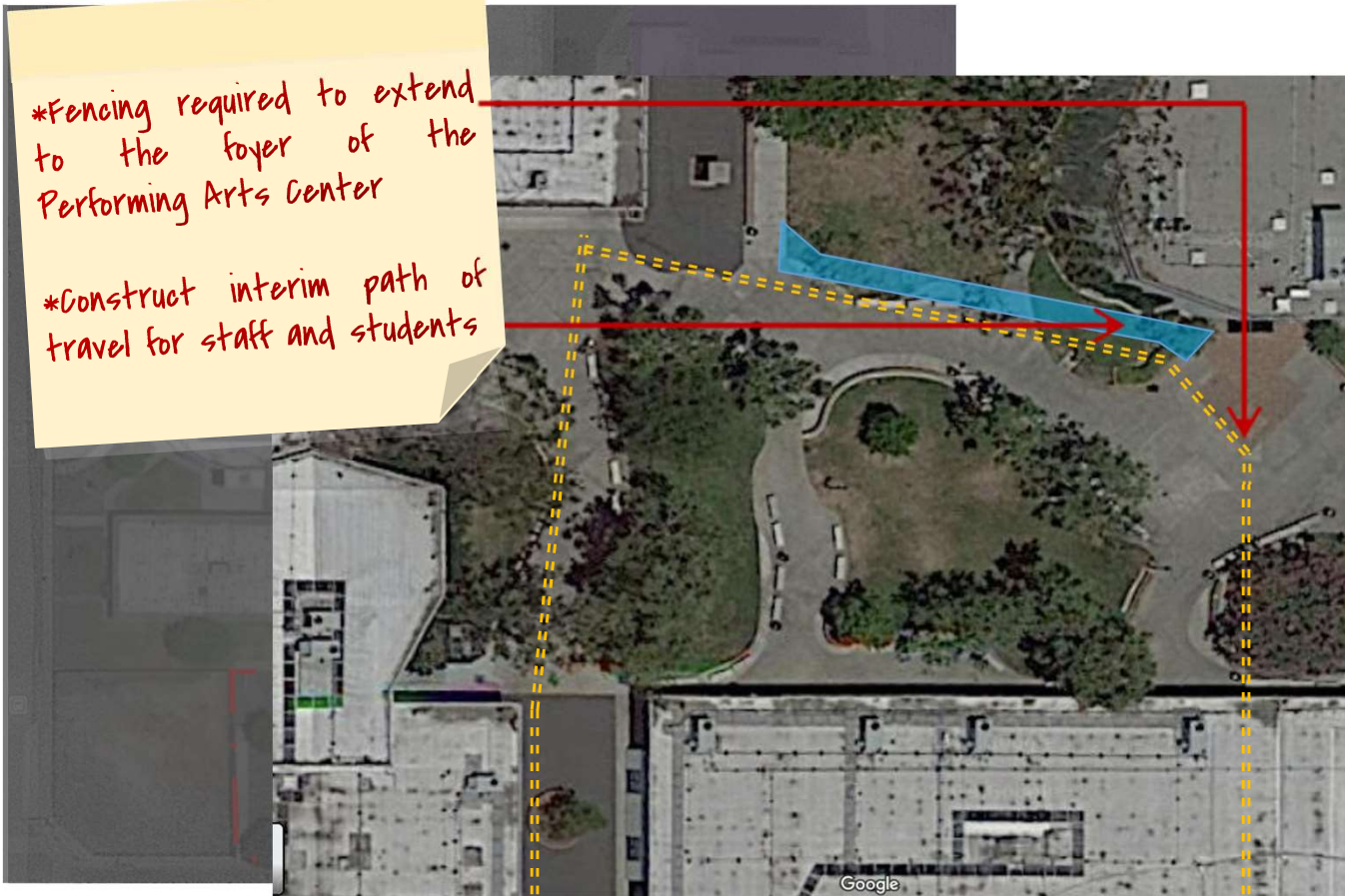


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*Fencing required to extend to the foyer of the Performing Arts Center

*Construct interim path of travel for staff and students



GENERAL NOTES

1. Preparing to Demo the Existing Administration Building and Installing Required Fencing
2. Additional Interim Path of Travel for Staff and Students where Possible
3. All Trees within the Project Fencing will Require Removal and will be Replaced with California Native Species

REQUIRED PROJECT FENCING OVERVIEW

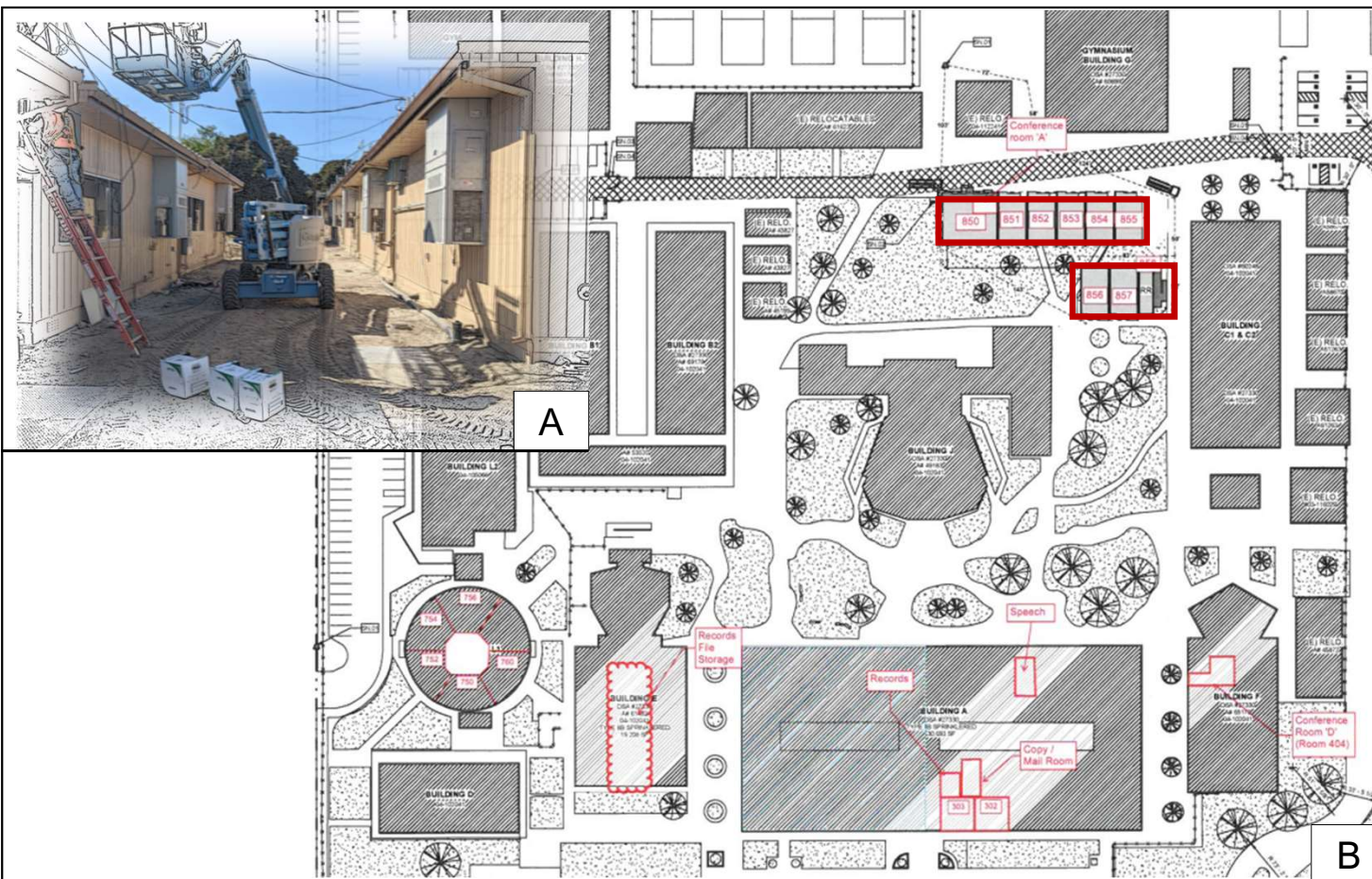
LOS ALAMITOS HIGH SCHOOL – **MULTISTORY STEM BUILDING**



NORTH

SLIDE NUMBER

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GENERAL NOTES

Classrooms and Staff are Scheduled to Begin Moving in Three Phases

1st Phase – Classrooms will be Relocated to Interim Housing and is scheduled to occur on Monday utilizing a staff development day

2nd Phase – Counselors, Psychologists, Career Center, and Media Center Relocate to Interim Housing while Office Space is Built in Existing Relocated Classrooms – Scheduled for 11/23

3rd Phase – All Remaining Administration Relocates to Previous Existing Classroom, Office Space - TBD

STAFF MOVE LOCATIONS AND SCHEDULE

LOS ALAMITOS HIGH SCHOOL – MULTISTORY STEM BUILDING



NORTH

SLIDE NUMBER

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WHY?

Pursuant to California State Assembly Bill 52 the District is required to meet with any tribal representative that requests consultation and is traditionally or culturally affiliated with the local geographical area of the project.

WHEN?

The Native American The consultation must take place prior to the release of a negative declaration (ND), mitigated negative declaration (MND), or environmental impact report (EIR) for a project.

**Most modernization projects are typically exempt from CEQA and therefore do not require a Native American Monitor*

GENERAL NOTES

1. Monitoring to only consist of earthwork activities and is not required for any other portions of the work
2. In the event an artifact is discovered, the Native American Tribes are contacted and can declare it an archeological site, therefore stopping construction progress in that area

NATIVE AMERICAN MONITORING

LOS ALAMITOS HIGH SCHOOL – **MULTISTORY STEM BUILDING**



NORTH

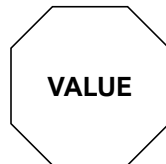
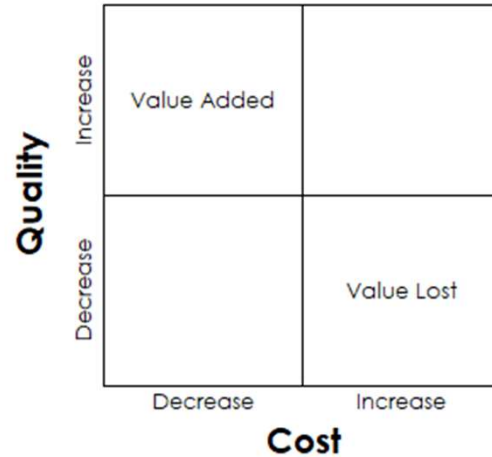
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GENERAL NOTES

1. Value Engineering is a specialized cost control technique used throughout the construction process
2. Items are identified that have the potential to increase the projects value while maintaining or reducing costs
3. The optimal timeframe for Value Engineering to occur is after budget reconciliation and before DSA final approval

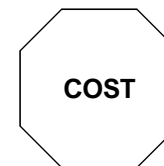
Value Engineering Matrix



Determined lifespan of the building and the amount of functionality that the building is able to provide and overall benefit to the end-user



The ability of the building to serve its function and the life span of the building



The amount an item costs and the impact on the projects budget

VALUE ENGINEERING ITEMS

LOS ALAMITOS HIGH SCHOOL – **MULTISTORY STEM BUILDING**



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GENERAL NOTES

1. Architectural Firms have been invited to submit a proposal and prepare for an interview for the design of the new competition gym
2. Each firm will have a 20-30 minute interview with information regarding the new competition gym
3. The interviews are scheduled for November 14th

INFORMATION PROVIDED



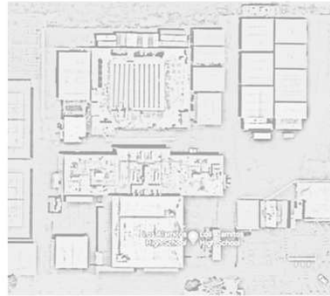
The Construction Budget for the project is \$16,000,000.00



To be approximately 30,000 square feet



Team Rooms,
Classrooms, Ticket
Booth, Snack Bar,
Restrooms,
Retractable
Bleachers, Storage,
and a Full CIF
Court divided by
(3) Practice Courts



ARCHITECTURAL SERVICES REQUEST FOR QUALIFICATIONS/PROPOSAL

LOS ALAMITOS HIGH SCHOOL – COMPETITION GYM



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LOS ALAMITOS HIGH SCHOOL COMPETITION GYM

SITE PLAN:

PROJECT DESCRIPTION:

PRESENTATION:

MEASURE G PROGRAM – PROJECTS UPDATE

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FACILITIES, MAINTENANCE, OPERATIONS, TRANSPORTATION

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1. Architectural Firms have been invited to submit a proposal and prepare for an interview for the design of the new competition gym
2. Each firm will have a 20-30 minute interview with information regarding the new competition gym
3. The interviews are scheduled for November 14th

INFORMATION PROVIDED

BUDGET

The Construction Budget for the project is \$16,000,000.00

SIZE

To be approximately 30,000 square feet

SCOPE

Team Rooms,
Classrooms (CTE,
Dance Room, etc.),
Ticket Booth, Snack
Bar, Restrooms,
Retractable Bleachers,
Storage, and a Full CIF
Court divided by (3)
Practice Courts

AREA



ARCHITECTURAL SERVICES REQUEST FOR NEW GYM

LOS ALAMITOS HIGH SCHOOL – **COMPETITION GYM**

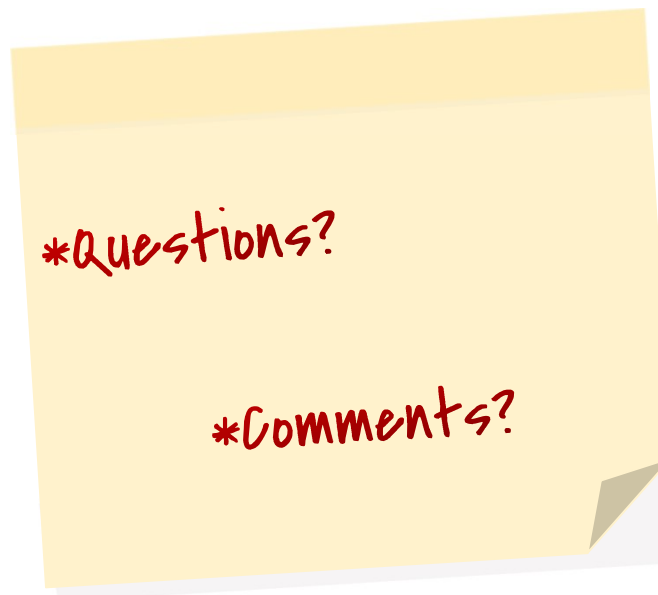


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THANK YOU!



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FACILITIES, MAINTENANCE, OPERATIONS, TRANSPORTATION