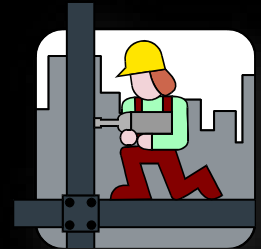




# Construction Update Presentation to Campus PTA Reagan High School Campus Improvement Project 2011 Bond Program



Garrett J. Sullivan, Executive Director  
Construction Management & Engineering Department

Nov 18, 2014

# 2011 Bond Reagan HS Campus Improvement Project Presentation Agenda



- Project Design and Construction Team
- 2011 Bond Reagan High School Design Program Summary
- Pre-Construction Campus Site Aerials
- Project Construction Summary (Schedule, Floor Plans, & Perspectives)
  - Phase I – New Soccer Field and Parking Lot Perspectives
  - Phase II – New Science/Classroom & Athletic Additions and Athletic Field Restroom and Concession Stand Facility
  - Phase III – Athletic and Dance Facility Renovations
  - Phase IV – Football Field Upgrades and Parking Area Expansion

# Reagan H.S. Project Design & Construction Team

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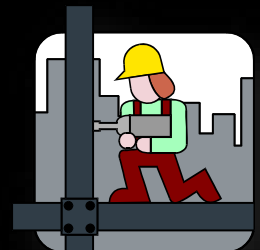
- **Architect: Rehler Vaughn and Koone (RVK) Architects** 
- **General Contractor: Joeris General Contractors** 
- **MEP Engineer: Silber & Associates Consulting Engineers, Inc.**
- **Structural Engineer: Lunde & Franke Engineering, Inc.**
- **Civil Engineer: Pape-Dawson Engineers, Inc.**
- **Fire Protection Engineer: Protection Development, Inc.**
- **Landscape Architect & Code Consultant: RVK Architects**
- **Roofing Engineer: Wiss Janney Elstner & Associates**
- **Technology Consultant: Combs Consulting Group**
- **Geotechnical & Material Testing: Raba-Kistner Consultants, Inc.**
- **Test, Balance & Commissioning: Energy Testing & Balance, Inc.**
- **Acoustical Engineer: Dickensheets Design Associates, Inc.**



# 2011 Bond Design Program Summary

## Reagan High School

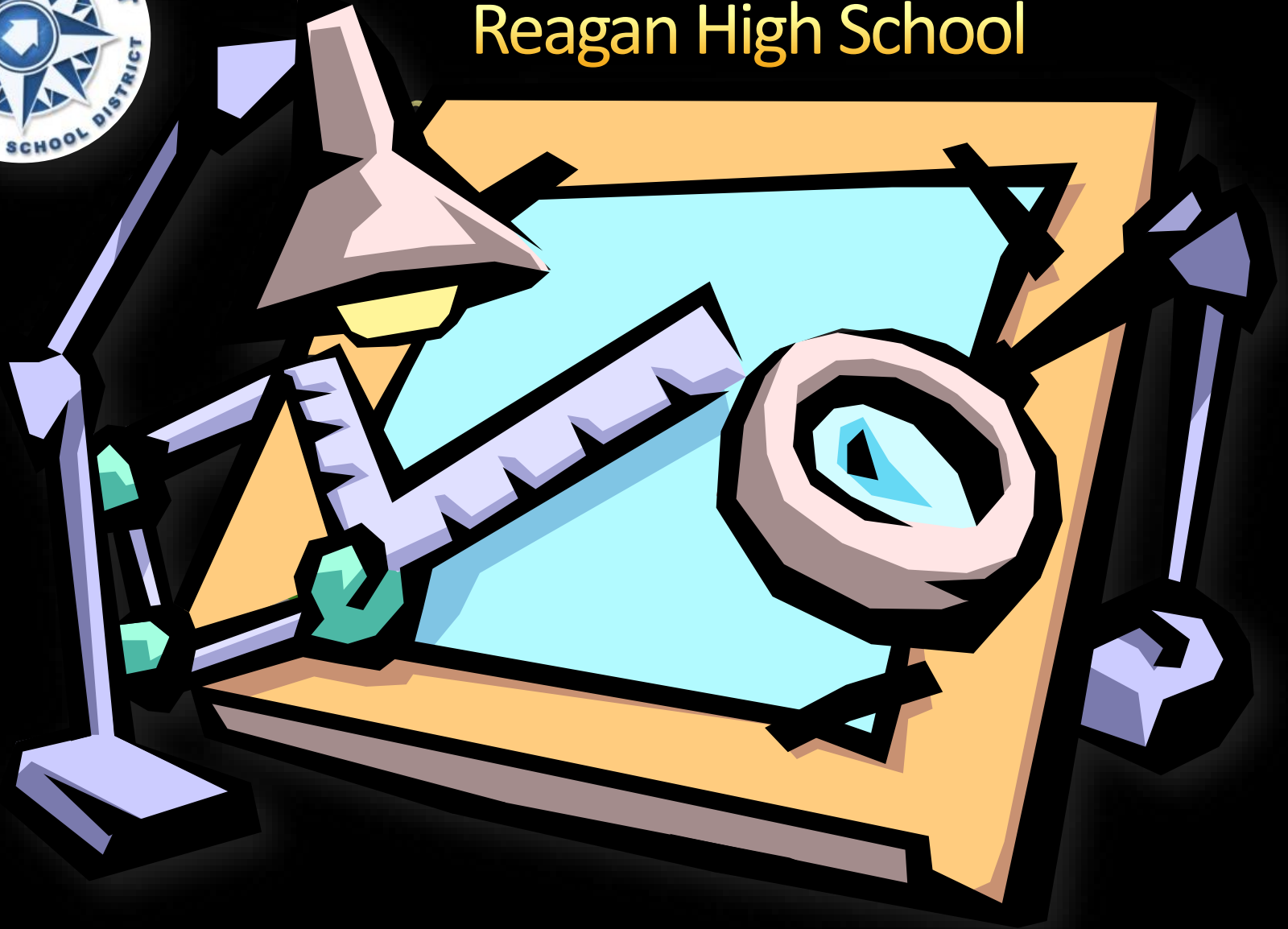
### Campus Improvement Project







# 2011 Bond Design Program Summary Reagan High School



# 2011 Bond Reagan H.S. Design Program Summary

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- New Soccer Field, Bleachers, and Parking Lot Area
- New Science Lab and Classroom Facility Addition
- New Athletic Facility Addition and Interior Renovations
- Dance Program Area Expansion and Renovations
- New Athletic Field Restroom and Concession Stand Facility
- Upgrade Existing Competition Football Field Area
- Athletic Facility Parking Area Expansion

# Reagan High School Detailed Program Summary

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1. **New Science Lab and Classroom Facility Addition (Program @ 60,857 sq. ft.):**
  - a. **8 Science Labs with 4 Science Prep Rooms**
  - b. **20 Classrooms and 1 Computer Lab**
  - c. **Teacher Resource Area**
  - d. **MEP Support Areas and Student Restrooms**
2. **New Athletic Facility Addition & Renovations (Program @ 88,896 sq. ft. with 35,686 sq. ft. New)**
  - a. **New Competition Gym (Existing Competition Gym Repurposed to Auxiliary Gym)**
  - b. **Boys' and Girls' Athletic and P.E. Locker Room Areas**
  - c. **Football Athletic Locker Room Area (Varsity, Junior Varsity, and Freshman Cages)**
  - d. **Team Room, Weight Room, and Wrestling Room**
  - e. **Training Room with Office, and Storage Areas**
  - f. **Men and Women Coaches' Office Areas**
  - g. **New Entrance Lobby to Athletic Facility from West Parking Area**
  - h. **MEP Support Areas and Public Restrooms**
  - i. **Athletic Facility Parking Area Expansion adjacent to Football Field**
3. **Dance Area Expansion including Locker Rooms, Storage, & Mezzanine (Program @ 7,350 sq. ft.)**
4. **New Athletic Field Restroom & Concession Stand with New Bleachers on West Side (1,175 sq. ft.)**
5. **New Soccer Field, Bleachers, and Parking Lot Area**
6. **Upgrade Existing Competition Football Field (Sports Turf, Irrigation, Drainage, and Bleachers)**

# Reagan High School Program Summary (Sq. Ft.)

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## 2011 Bond Total Program Area @ Reagan H.S.

- New Facilities = 97,718 sq. ft.
  - Renovated Facilities = 36,866 sq. ft.
  - Total Bond Program @ Reagan H.S. = 134,584 sq. ft.
  - Reagan H.S. Pre-Construction Campus Facilities = 364,750 sq. ft.
  - Reagan H.S. Post-Construction Campus Facilities = 499,334 sq. ft. (+ 37%)
- 

## Instructional Program Classroom and Teacher Resource Support Areas

- Existing Instructional Program Classroom & Teacher Resource Support Areas = 169,343 sq. ft.
  - New Science and Classroom Facility Addition = 60,857 sq. ft.
  - Total Instructional Program Classroom & Teacher Resource Support Areas = 230,200 sq. ft. (+36%)
- 

## Athletic Program Facility

- Existing Athletic and Dance Facility = 52,034 sq. ft.
  - New Athletic Facility Addition = 35,686 sq. ft.
  - New Athletic Field Restroom & Concession Stand Facility = 1,175 sq. ft.
  - Total Athletic Facility Program = 88,896 sq. ft. (+71%)
- 

## Dance Program Area

- Existing Dance Facility = 3,925 sq. ft.
- Expanded/Renovated Dance Facility = 7,350 sq. ft. (+87%)

# 2011 Bond Reagan H.S. Budget Summary

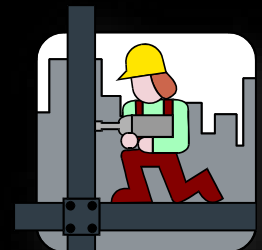
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- Construction Cost: \$ 31,215,000
  - Design Fees: \$ 3,658,105
  - Furniture, Fixtures & Equipment: \$ 1,186,895
  - Technology Equipment: \$ 240,000
  - Program Total: \$ 36,300,000
- 
- Board of Trustees and Superintendent authorized expansion of Project Scope to include a New Competition Gymnasium

# 2011 Bond Construction Program Summary

## Reagan High School

### Campus Improvement Project

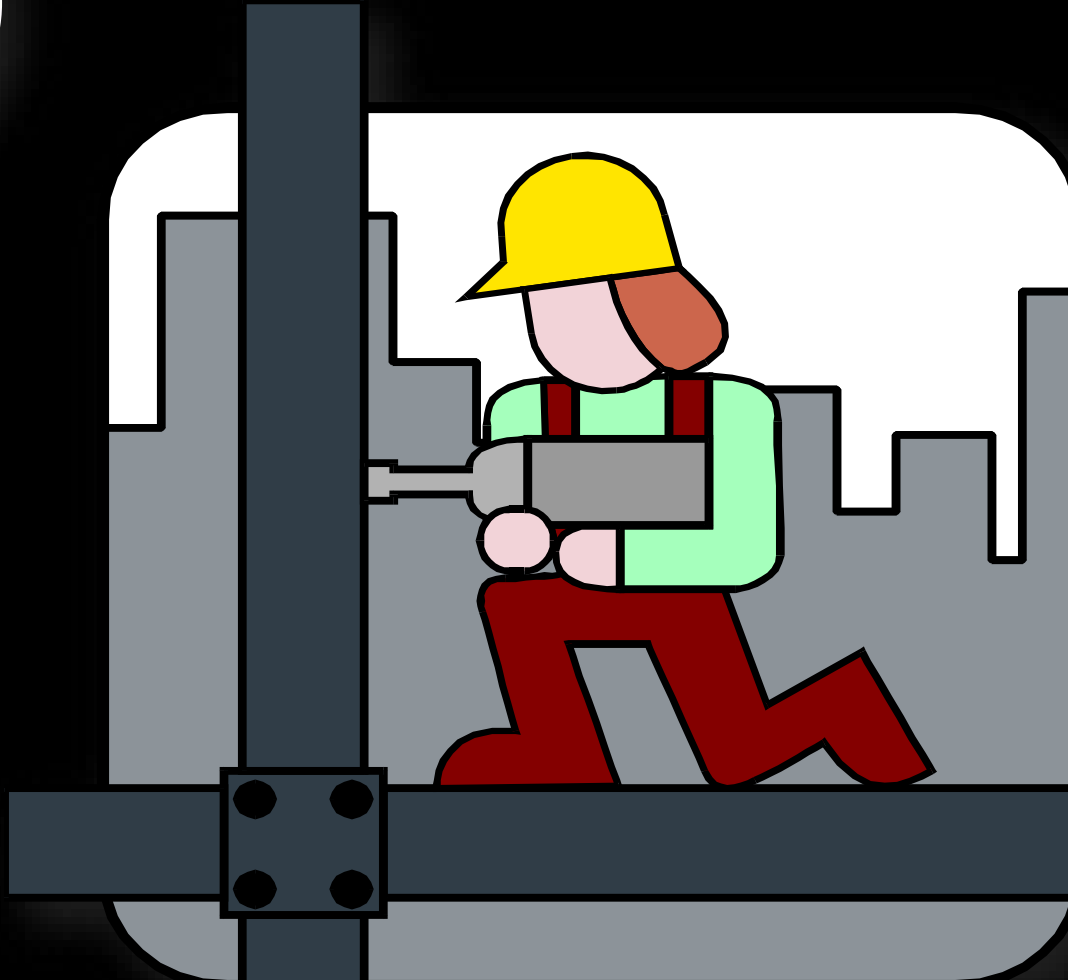




# 2011 Bond Construction Program Summary

## Reagan High School

### Campus Improvement Project



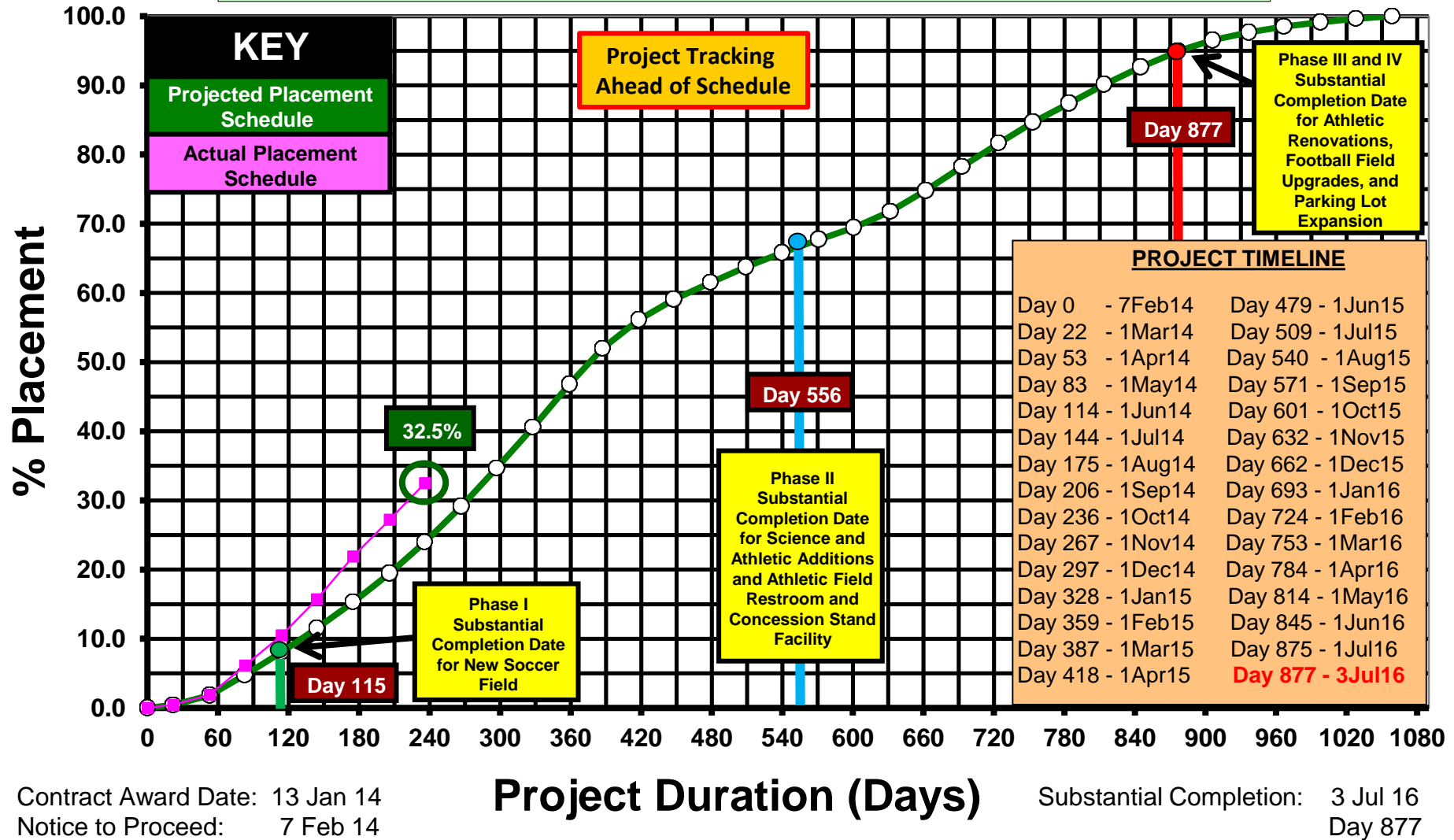
# 2011 Bond Reagan H.S. Construction Phases

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- Phase I – New Soccer Field **2 Jun 2014**
- Phase II – New Science & Athletic Additions and  
Athletic Field Restroom/Concession Stand: **17 Aug 2015**
- Phase III – Athletic Facility Renovations: **3 Jul 2016**
- Phase IV – Football Field Upgrades and  
Athletic Parking Lot Expansion: **3 Jul 2016**

# S-Curve: 2011 Bond Reagan High School Construction Schedule

Phase I - New Soccer Field; Phase II - New Science and Athletic Additions;  
Phase III - Athletic Renovations; and Phase IV - Football Field Upgrades  
& Parking Lot Expansion



# 2011 Bond Reagan H.S. Project Timeline Summary

## Phase I: New Soccer Field and Parking Area

Design Phase – Complete

Bidding Phase – Complete

Contract Award – Nov 11, 2013

Construction Start – Dec 2, 2013

**Substantial Completion – Jun 2, 2014**

## Phase II: Structural Foundation & Concrete/Steel Frame for New Science Lab/Classroom and Athletic Additions

Design Phase – Complete Nov 11, 2013

Bidding Phase – Nov 12 thru 17 Dec 2013

Contract Award – Jan 13, 2013

Construction Start – Feb 3, 2013

**Substantial Completion – Oct 1, 2013**

## Bid Package IIA: New Science Lab/Classroom Addition

Design Phase – Complete Dec 9, 2013

Bidding Phase – Jan 23, 2013 thru Feb 19, 2014

Contract Award – Mar 24, 2014

Construction Start – Apr 14, 2014

**Substantial Completion – Aug 17, 2015**

## Bid Package IIB: New Athletic Addition

Design Phase – Complete Dec 9, 2013

Bidding Phase – Jan 23, 2013 thru Feb 19, 2014

Contract Award – Mar 24, 2014

Construction Start – April 14, 2014

**Substantial Completion – Aug 17, 2015**

## Bid Package III: Athletic and Dance Facility Renovations

Design Phase – Complete Dec 9, 2013

Bidding Phase – Jan 23, 2013 thru Feb 19, 2014

Contract Award – Mar 24, 2014

Construction Start – Jun 9, 2014

**Substantial Completion – Jul 3, 2016**

## Bid Package IV: Football Field Upgrades and Athletic Field Outdoor Concession Stand & Restroom and Parking Area

Design Phase – Complete Dec 9, 2013

Bidding Phase – Jan 23, 2013 thru Feb 19, 2014

Contract Award – Mar 24, 2014

Construction Start – Dec 21, 2015

**Substantial Completion – Jul 3, 2016**



# 2011 Bond Reagan H.S. Pre-Construction Site Aerial



**Pre-Construction Site Aerial – Reagan H.S. Campus**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. Pre-Construction Site Aerial

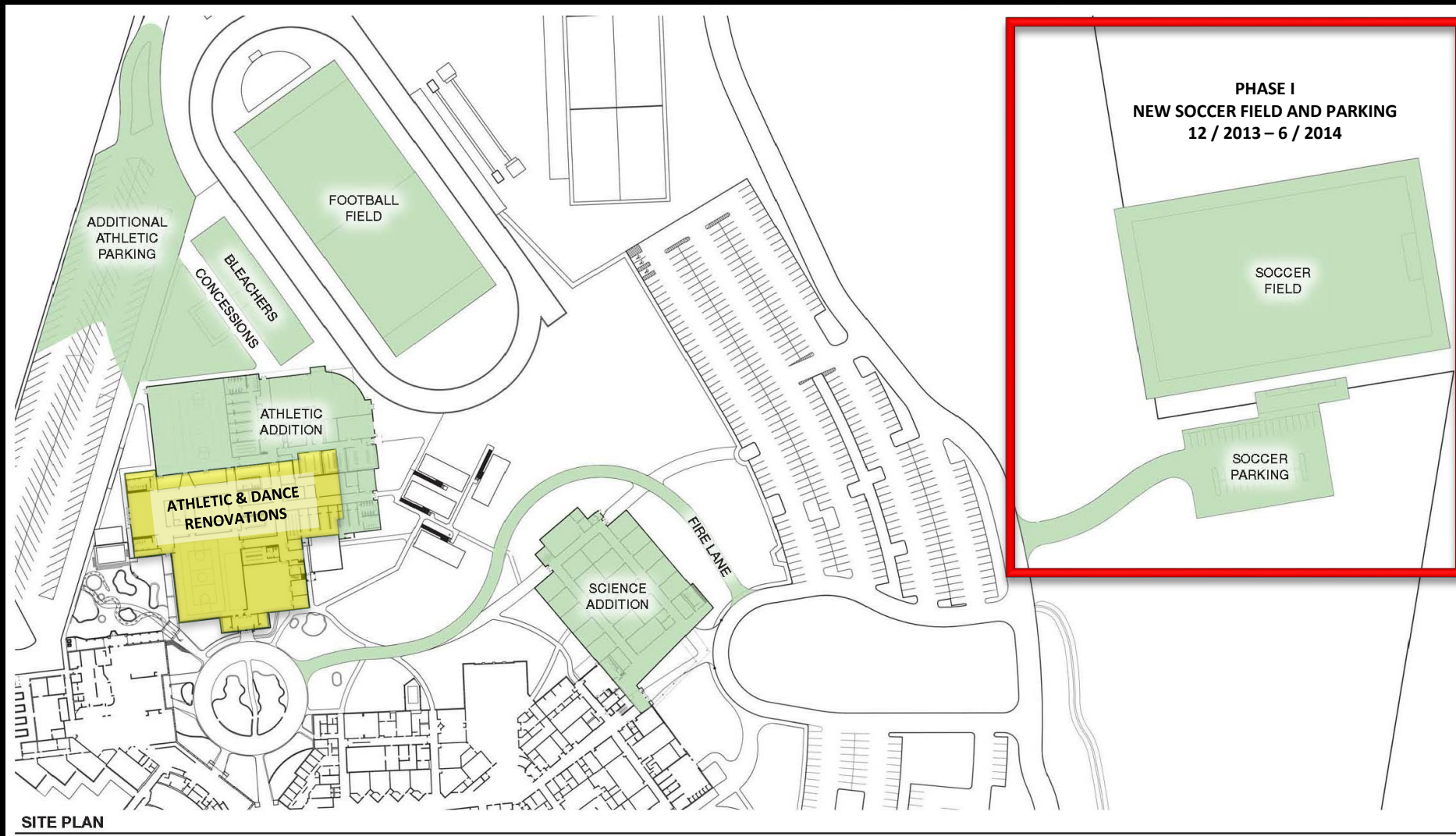


**Pre-Construction Site Aerial – Reagan H.S. Campus**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. Project Timeline – Phase I





# 2011 Bond Reagan H.S. New Soccer Field Location



**Site Aerial – New Soccer Field Location**

**Reagan High School  
North East ISD**



# Reagan H.S. New Soccer Field Aerial Perspective

Construction Schedule = 6 Months

**New Soccer Field Aerial Perspective**

**Reagan High School  
North East ISD**



# Reagan H.S. New Soccer Field Ground Perspective



**New Soccer Field Aerial Ground Perspective**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Soccer Field Site Aerial



**Site Aerial – New Soccer Field Area**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Soccer Field Site Aerial



**Site Aerial – New Soccer Field Area**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Soccer Field



**Ground Photo – New Soccer Field Area**

*Reagan High School  
North East ISD*



# 2011 Bond Reagan H.S. New Soccer Field



**Ground Photo – New Soccer Field Area**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Soccer Field



11/17/2014

**Ground Photo – New Soccer Field Area**

*Reagan High School  
North East ISD*



# 2011 Bond Reagan H.S. New Soccer Field Site Aerial



11/17/2014

**Ground Photo – New Soccer Field Area**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Soccer Field Site Aerial



**Ground Photo – New Soccer Field Area**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Soccer Field Site Aerial

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**Ground Photo – New Soccer Field Area**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Soccer Field Site Aerial

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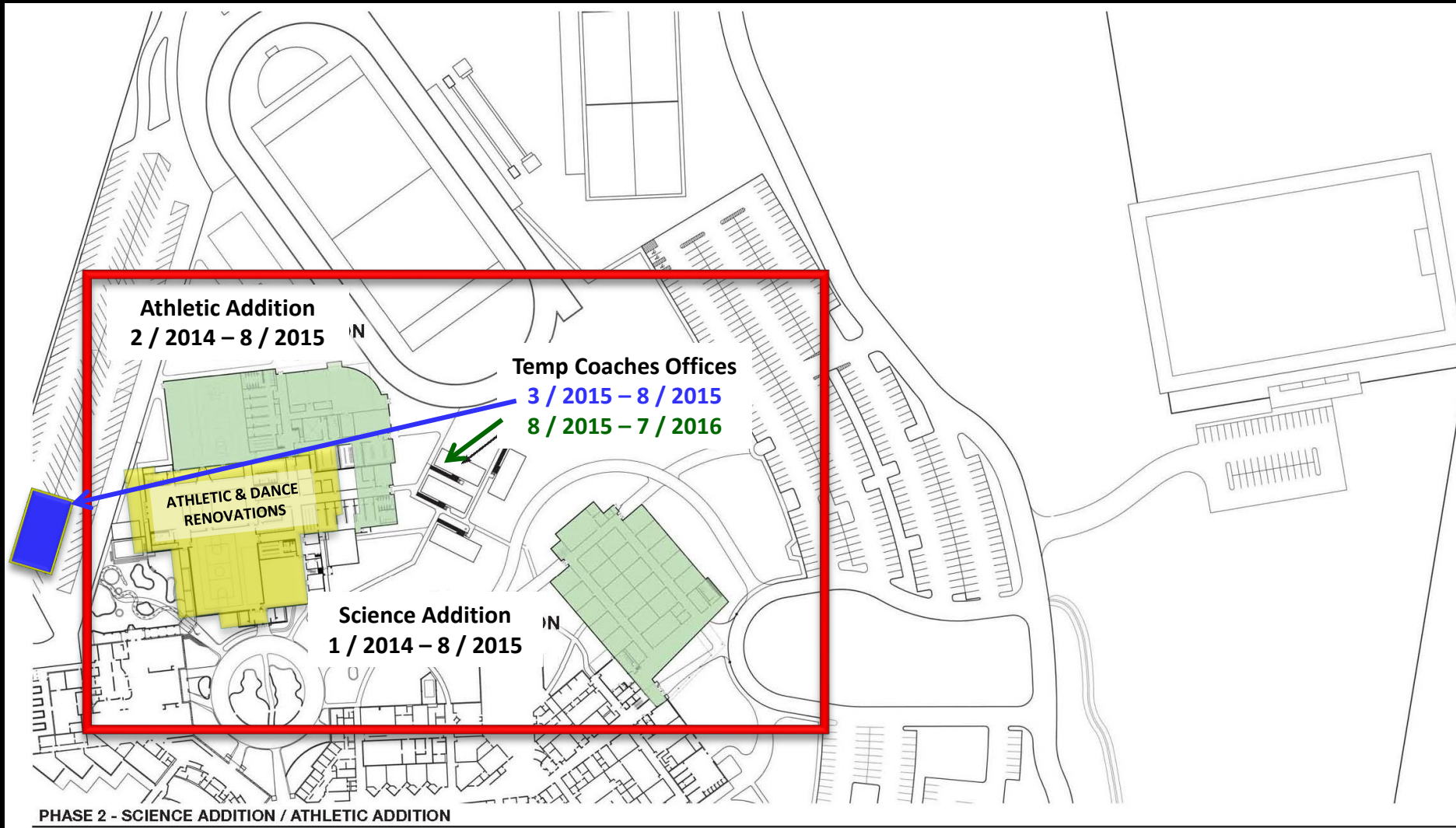


**Ground Photo – New Soccer Field Area**

***Reagan High School  
North East ISD***



# 2011 Bond Reagan H.S. Project Timeline – Phase II



# 2011 Bond Reagan H.S. Perspective Rendering

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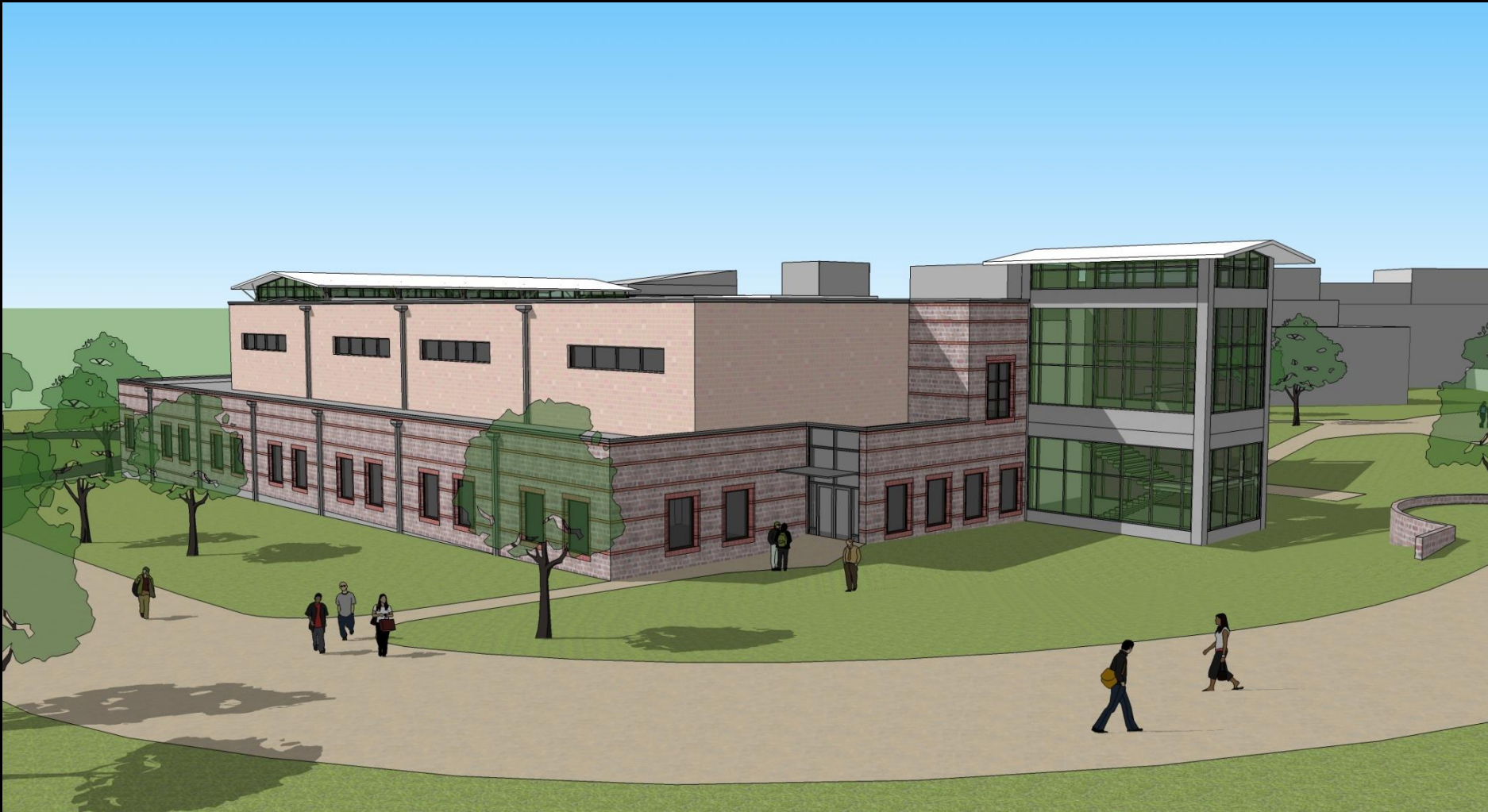
**New Science & Classroom Addition Perspective**

*Reagan High School  
North East ISD*



# 2011 Bond Reagan H.S. Perspective Rendering

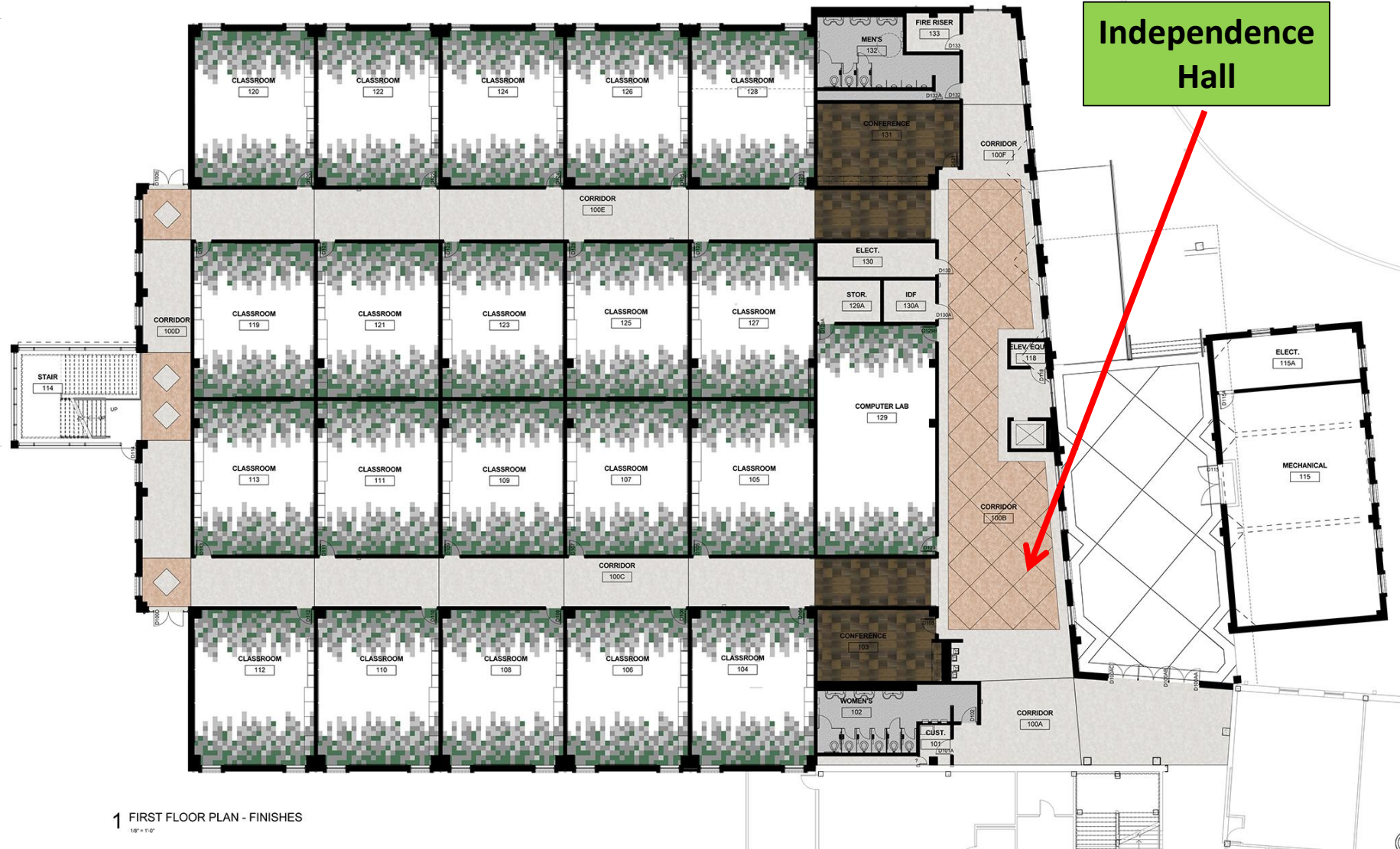
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**New Science & Classroom Addition Perspective**

**Reagan High School  
North East ISD**

# New Science/Classroom Addition Floor Finishes



New Science/Classroom Addition – 1<sup>st</sup> Floor Finishes

Reagan High School  
North East ISD



# New Science/Classroom Addition Floor Finishes





# 2011 Bond Reagan H.S. Science & Athletic Additions



**Site Aerial – New Science & Athletic Additions**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Science Addition



**Site Aerial – New Science Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Science Addition



**Site Aerial – New Science Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Science Addition



**Ground Photo – New Science Addition**

*Reagan High School  
North East ISD*

# 2011 Bond Reagan H.S. New Science Addition



**Ground Photo – New Science Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Science Addition

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**Ground Photo – New Science Addition**

*Reagan High School  
North East ISD*



# 2011 Bond Reagan H.S. New Science Addition

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**Ground Photo – New Science Addition**

*Reagan High School  
North East ISD*



# 2011 Bond Reagan H.S. New Science Addition



**Ground Photo – New Science Addition**

*Reagan High School  
North East ISD*



# 2011 Bond Reagan H.S. New Science Addition



**Ground Photo – New Science Addition**

*Reagan High School  
North East ISD*



# 2011 Bond Reagan H.S. New Science Addition



11/04/2014 11:27

**Ground Photo – New Science Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. Science & Athletic Additions



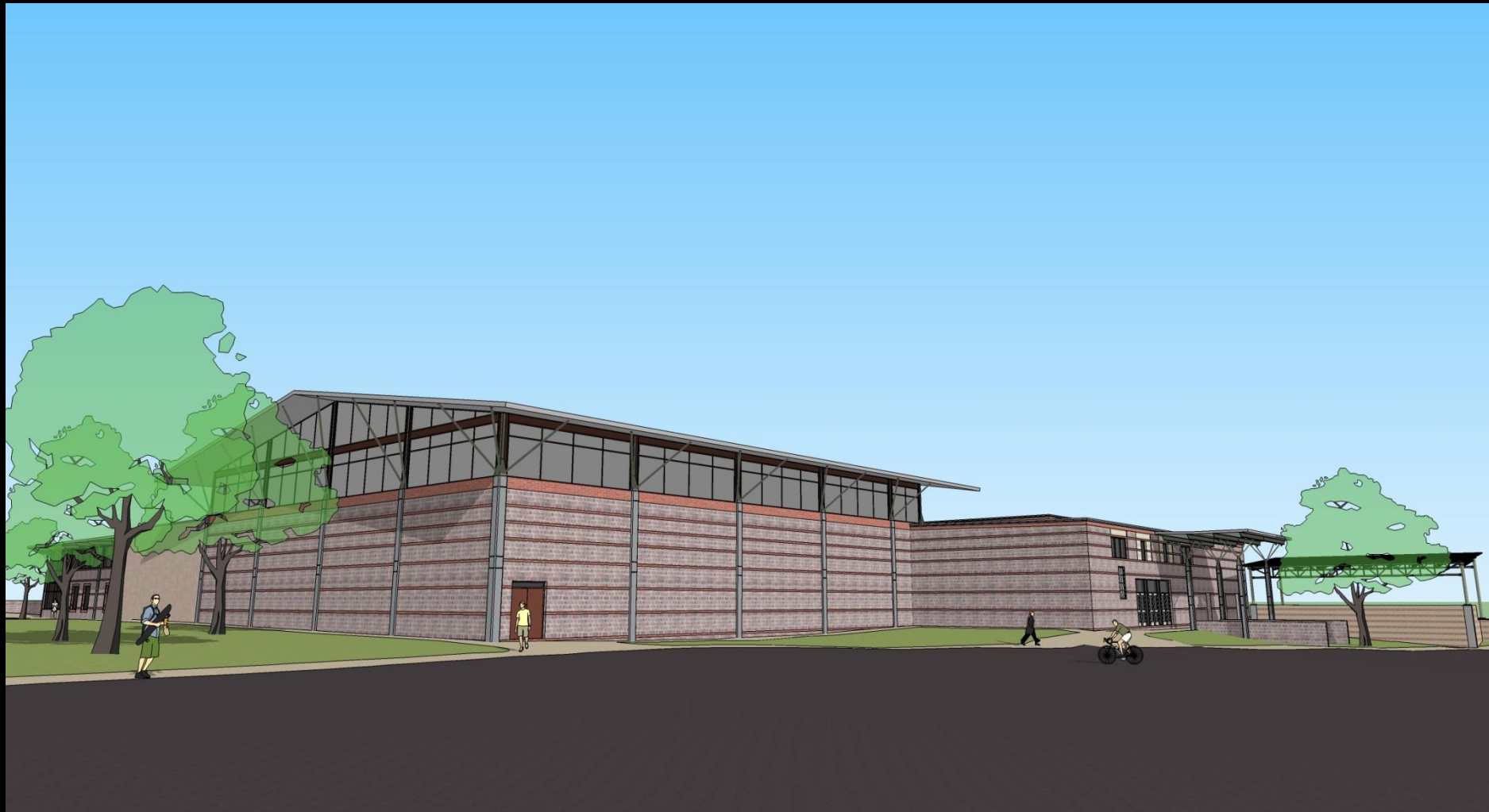
**Site Aerial – New Science & Athletic Additions**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. Perspective Rendering

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**New Athletic Addition and Renovations Perspective**

*Reagan High School  
North East ISD*



# 2011 Bond Reagan H.S. Perspective Rendering

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**New Athletic Addition and Renovations Perspective**

**Reagan High School  
North East ISD**



# Existing Athletic & Dance Facility Floor Plan





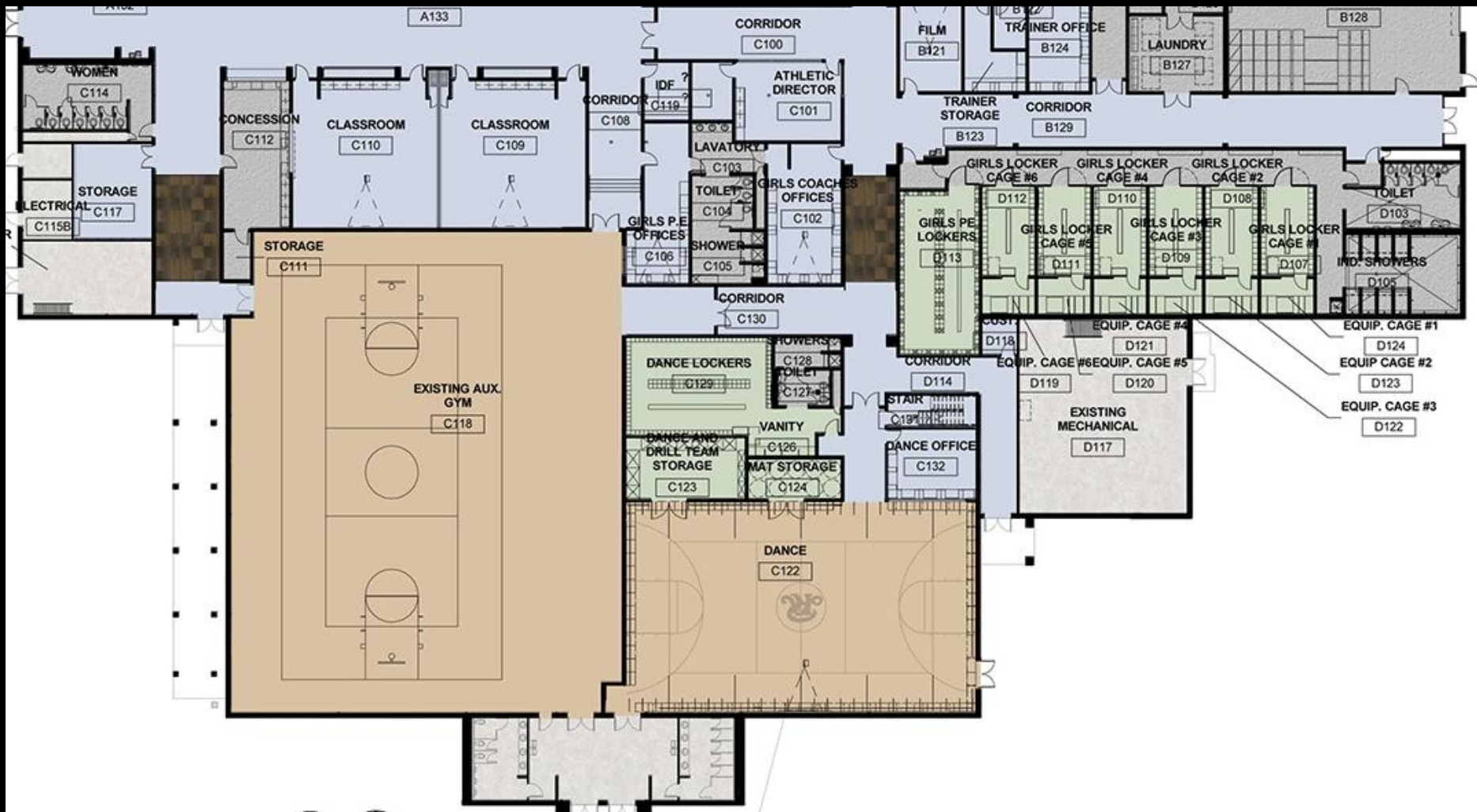
# New Athletic & Dance Facility Floor Plan



**Reagan High School  
North East ISD**



# New Athletic & Dance Facility Floor Plan Finishes



New Athletic & Dance Facility Addition & Renovation

Reagan High School  
North East ISD

# 2011 Bond Reagan H.S. Perspective Rendering

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**New Athletic Facility Lobby Perspective**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. Perspective Rendering

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**New Athletic Facility Lobby Perspective**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Athletic Addition



**Site Aerial – New Athletic Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Athletic Addition



**Site Aerial – New Athletic Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Athletic Addition

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**Ground Photo – New Athletic Addition**

***Reagan High School  
North East ISD***



# 2011 Bond Reagan H.S. New Athletic Addition



**Ground Photo – New Athletic Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Athletic Addition



**Ground Photo – New Athletic Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Athletic Addition



**Ground Photo – New Athletic Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Athletic Addition



**Ground Photo – New Athletic Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. New Athletic Addition

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**Ground Photo – New Athletic Addition**

**Reagan High School  
North East ISD**



# 2011 Bond Reagan H.S. Temporary Coaches Offices

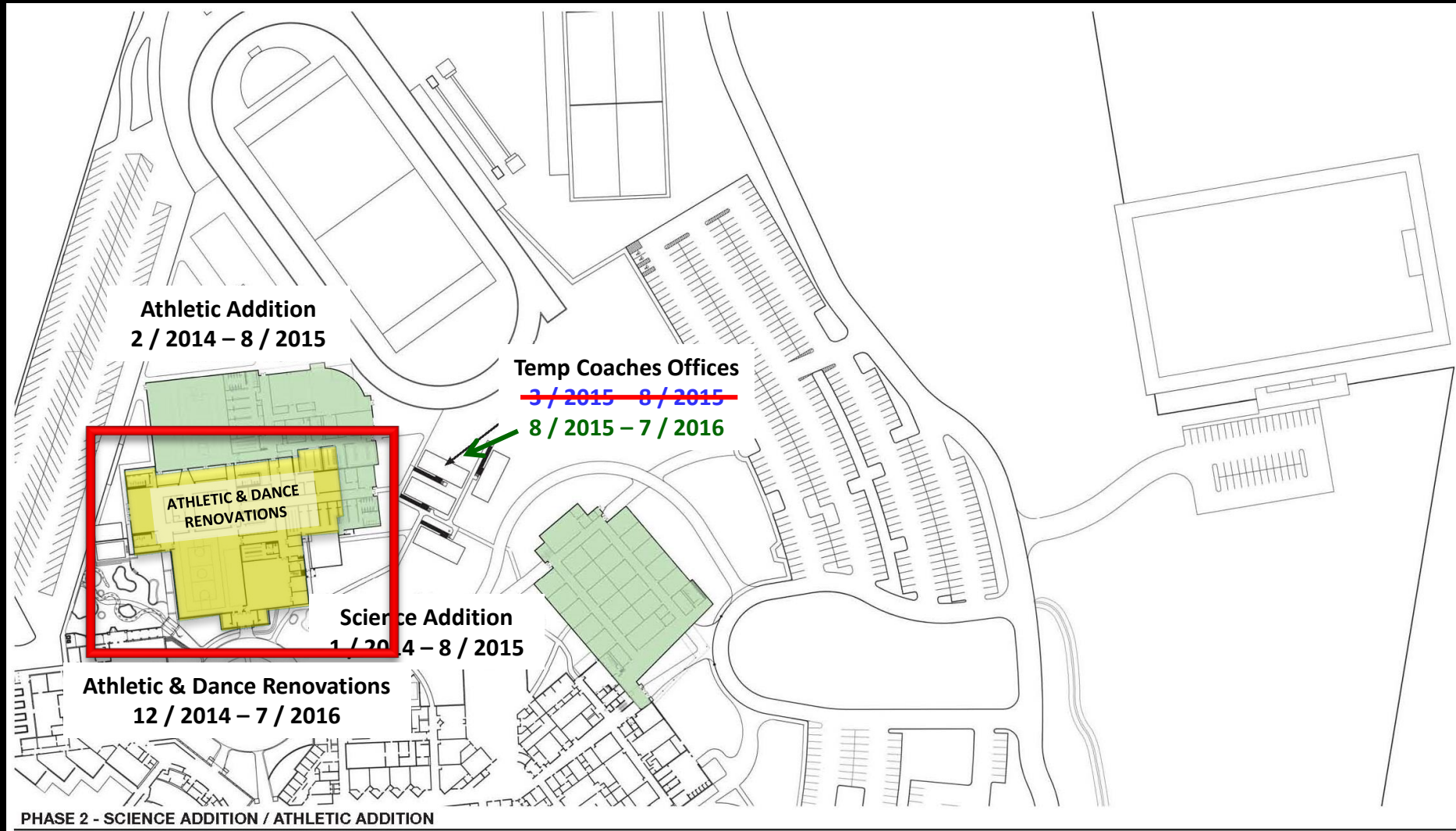
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Site Aerial – Temporary Athletic Coaches Offices (Mar-Aug 2014) *Reagan High School  
North East ISD*

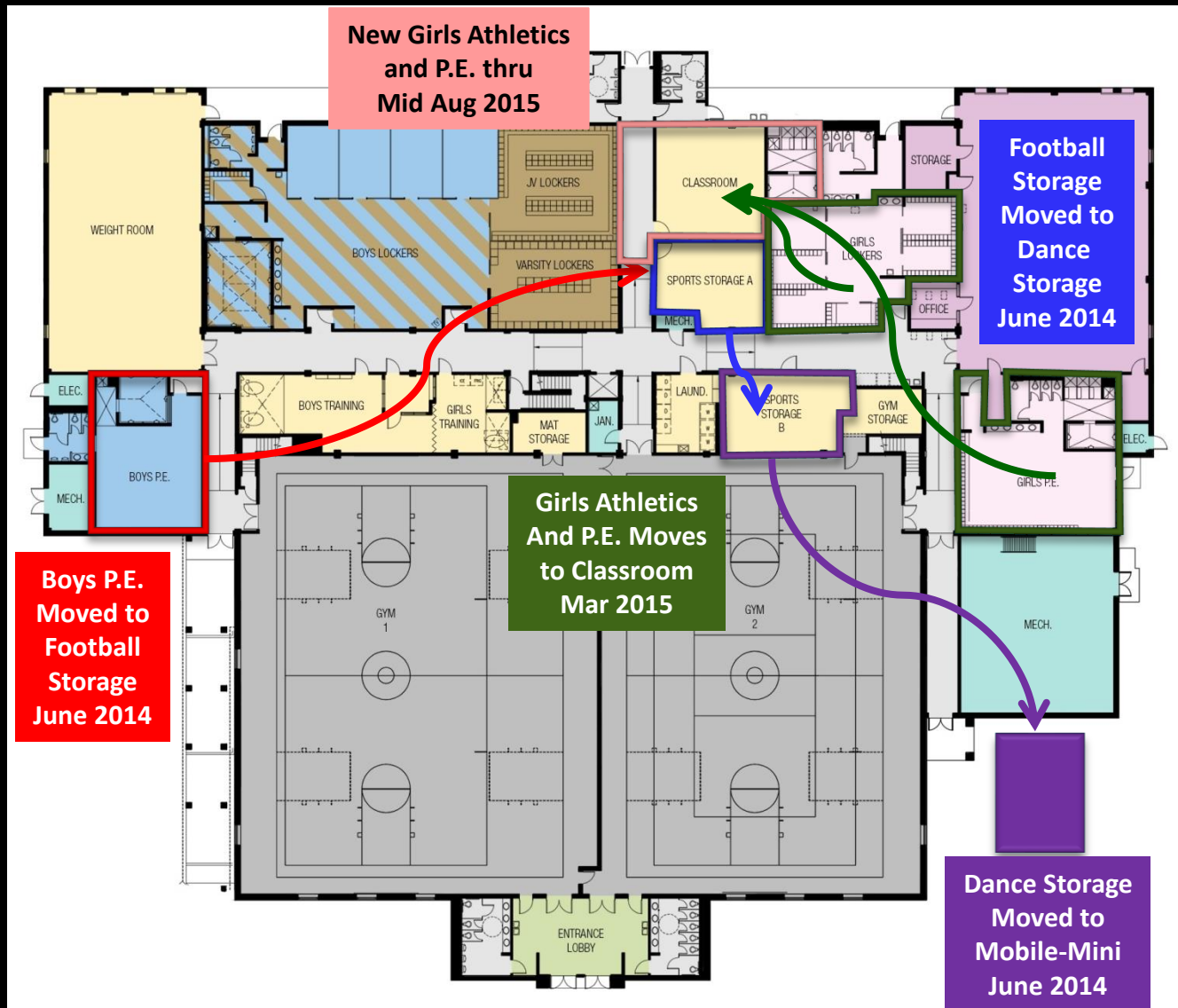


# 2011 Bond Reagan H.S. Project Timeline – Phase III



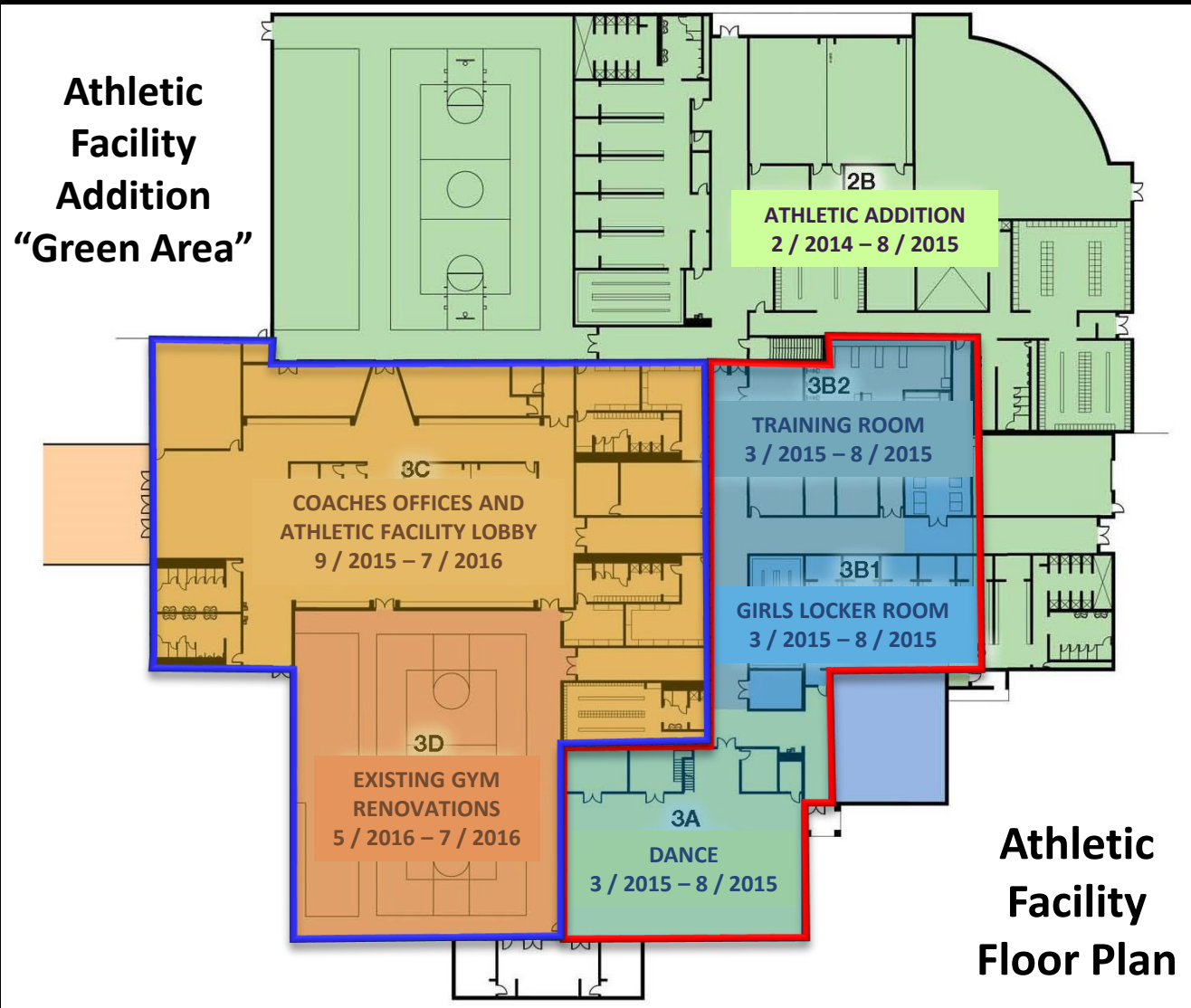


# Existing Athletic & Dance Facility Initial Phasing Plan

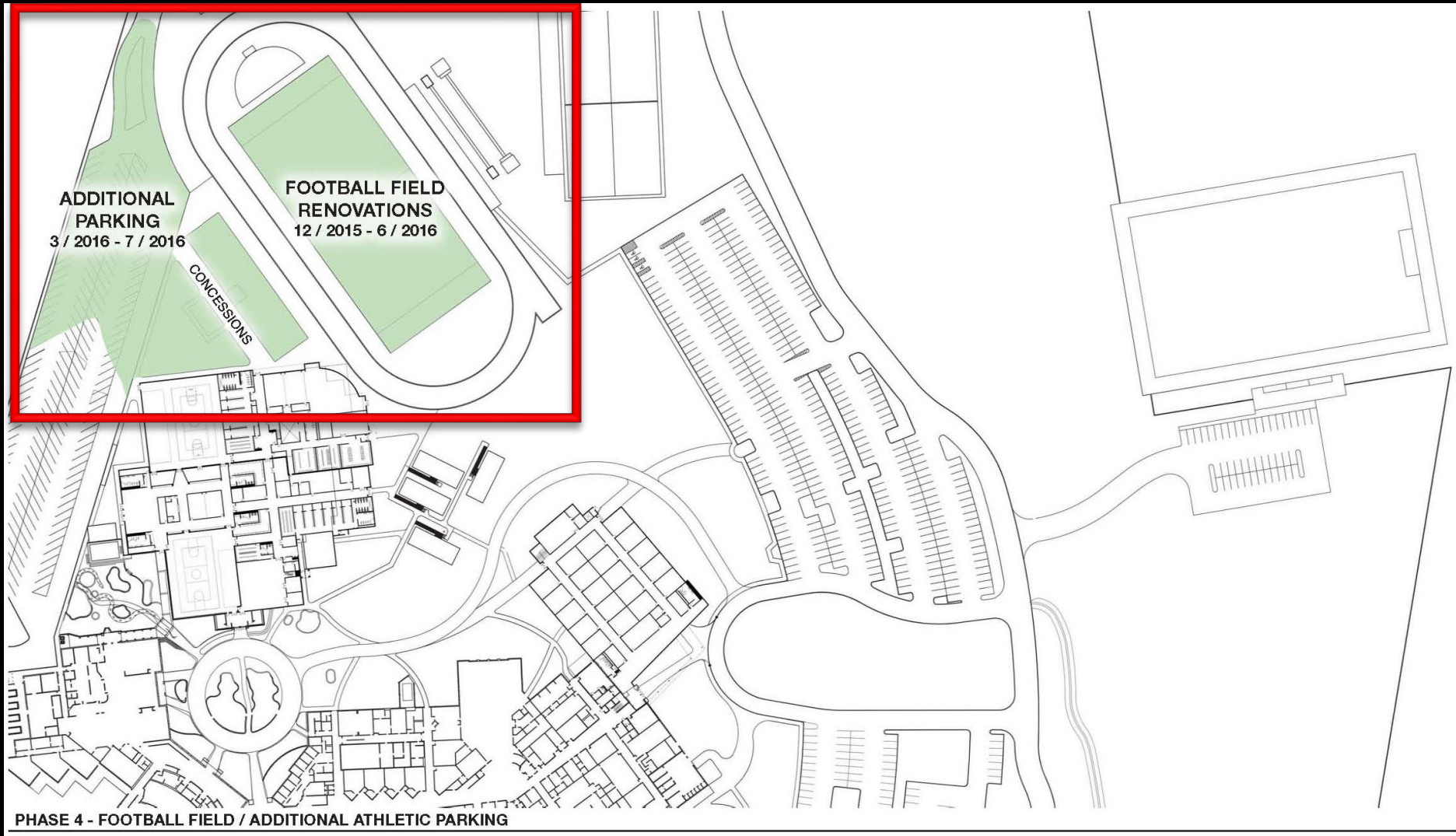




# 2011 Bond Reagan HS Project Timeline – Phase III



# 2011 Bond Reagan H.S. Project Timeline – Phase IV



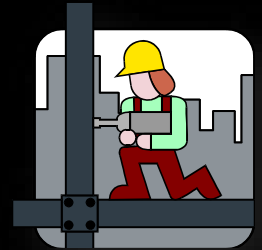
2011 Bond Reagan H.S. Project Time Line – Phase IV

Reagan High School  
North East ISD





# Construction Update Presentation to Campus PTA Reagan High School Campus Improvement Project 2011 Bond Program



## Questions?