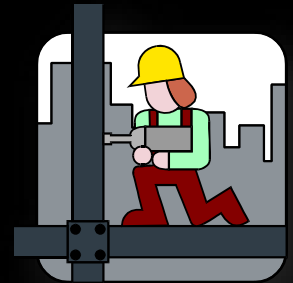




# 2015 Bond Reagan High School Additions and Renovations Project (Fine Arts and JROTC Facilities) Schematic Design Presentation

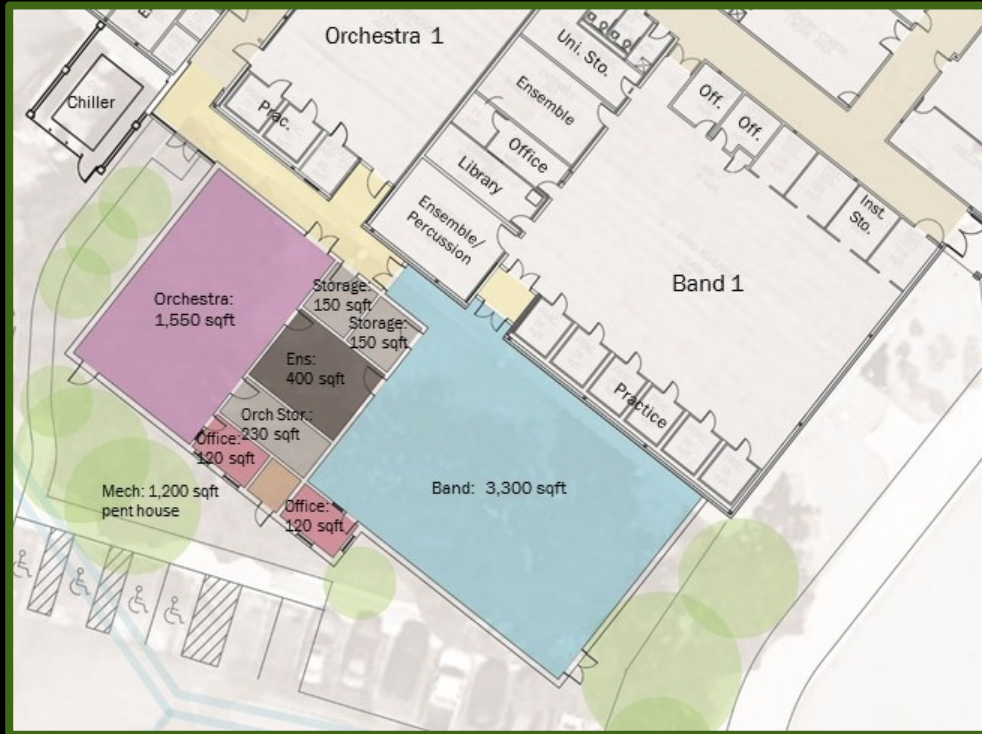


Garrett J. Sullivan, Executive Director  
Construction Management and Engineering Department

June 12, 2017

# Schematic Design Presentation Agenda

- Project Design Team
- Program Review
- Project Site Analysis
- Concept Design Plans
- Budget Review
- Project Phasing Plan
- Schedule Review
- Staff Recommendation



# Reagan High School Project Design Team

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- Architect: Alamo Architects
- MEP Engineer: Cleary Zimmermann Engineers
- Structural Engineer: Lundy Franke Engineering
- Civil Engineer: Pape-Dawson Engineers
- Roofing Engineer: Wiss, Janey, Elstner & Associates
- Technology Engineer: Cleary Zimmermann Engineers
- Building Code Engineer: Protection Development, Inc.
- Landscape Architect: RVK Architects
- Acoustical Engineer: Wrightson, Johnson, Haddon, and Williams
- Geotechnical & Material Testing: Fugro Consultants
- Test, Balance, and Commissioning: Energy, Testing, and Balance





# Reagan High School Site Aerial



Campus Site Aerial

Reagan High School  
North East ISD



# 2015 Bond Program Review for Reagan High School Fine Arts Facility Addition

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- Construct 2<sup>nd</sup> Band Hall for Fine Arts Facility (4,700 sq. ft.)
  - 2<sup>nd</sup> Band Rehearsal Hall
  - Band Office
  - Band Storage Area
  - Shared Ensemble Room
  - Connect to Existing Band Facility
- Construct 2<sup>nd</sup> Orchestra Hall for Fine Arts Facility (2,700 sq. ft.)
  - 2<sup>nd</sup> Orchestra Rehearsal Hall
  - Orchestra Office
  - Orchestra Storage Area
  - Shared Ensemble Room
  - Connect to Existing Orchestra Facility

# 2015 Bond Program Review for Reagan High School JROTC Facility Addition

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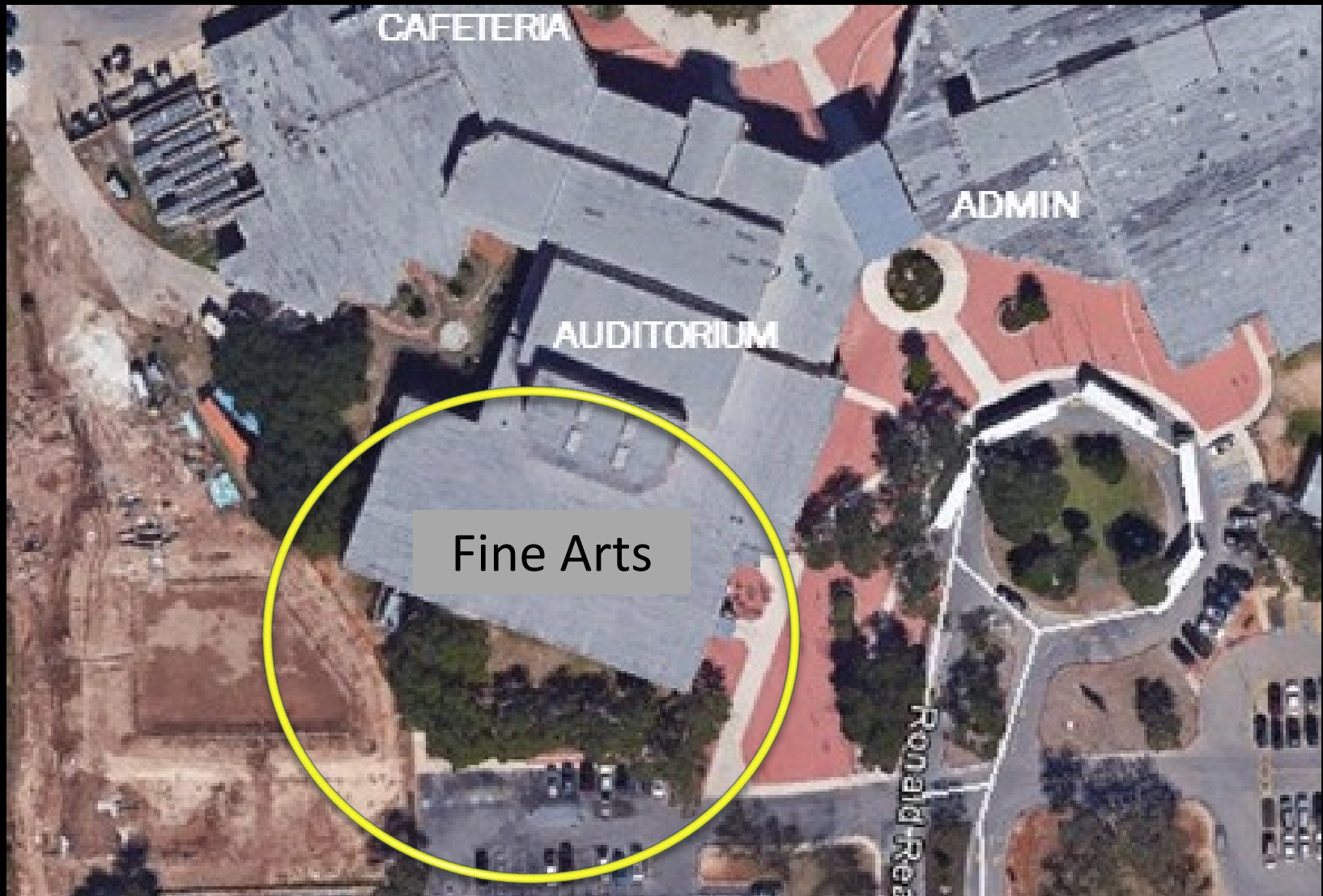
- Construct New JROTC Facility Addition (12,700 sq. ft.)
  - Cadre and Cadet Offices with Workroom
  - 2 Classrooms with Folding Accordion Partition
  - Drill and Arms Room Storage
  - Supply Room
  - Men's and Women's Locker Rooms
  - Laundry Room
  - Ice Machine Room
  - 8-Lane Rifle Range with Observation Area
  - Lobby Area



# Reagan HS Facility Additions Project Site Analysis

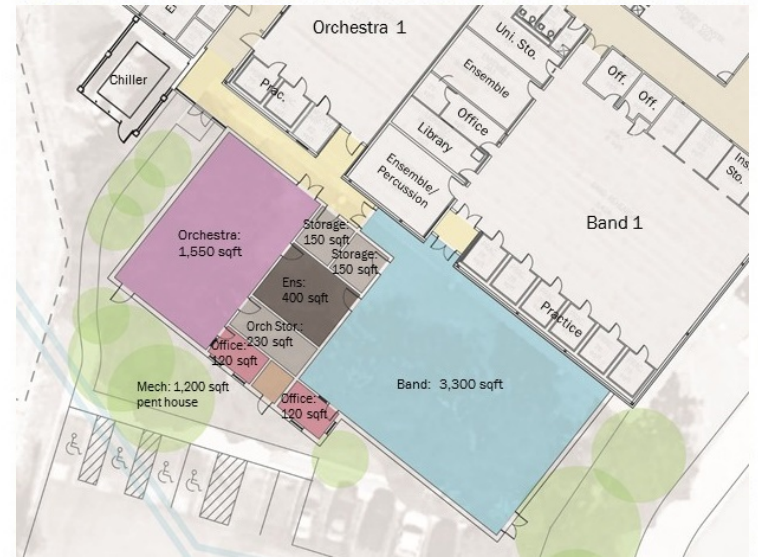


# Reagan HS Fine Arts Addition Project Site Analysis





# Reagan HS Fine Arts Addition Project Site Analysis



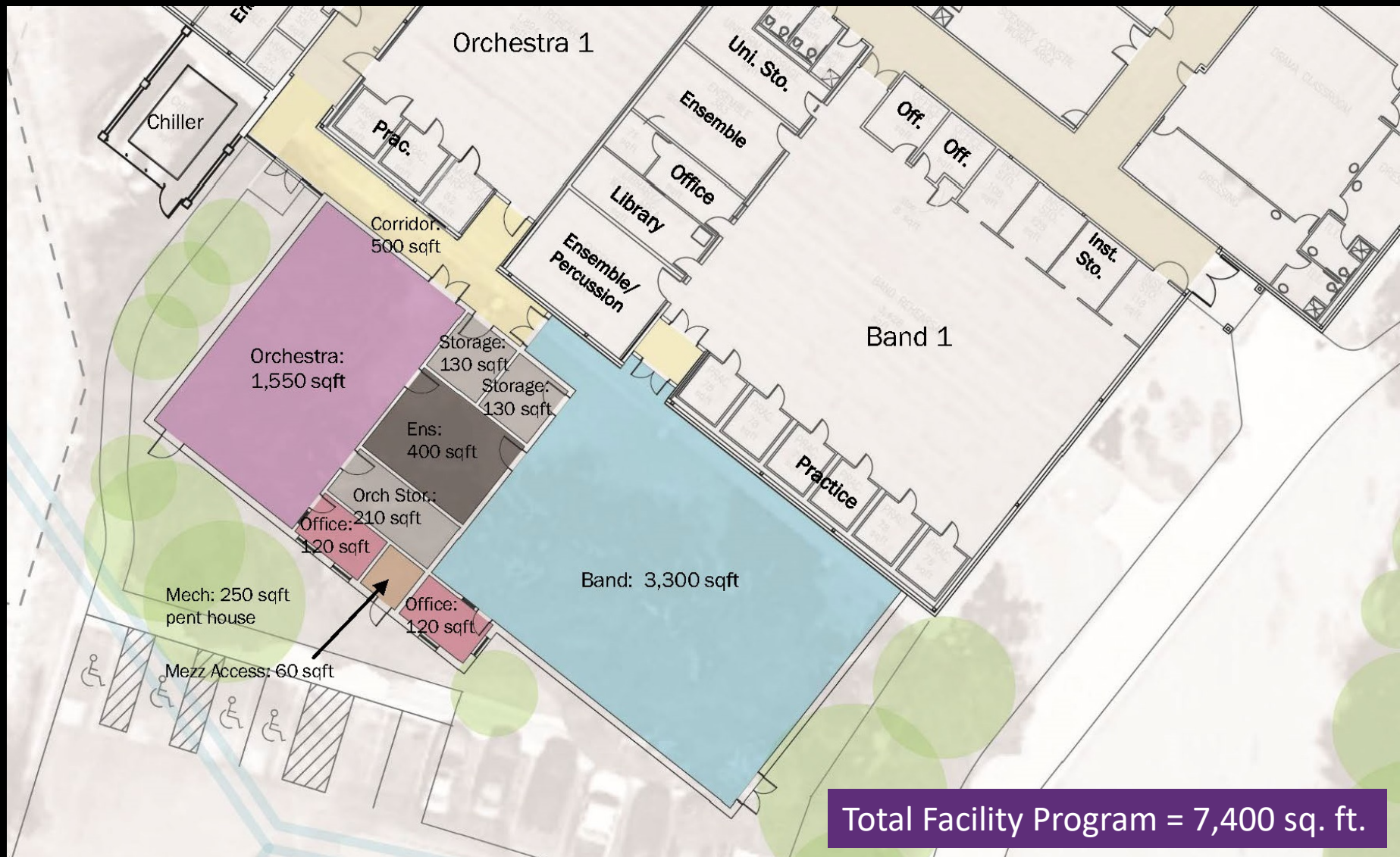


# Reagan HS Fine Arts Facility Addition Floor Plan





# Reagan HS Fine Arts Facility Addition Floor Plan



# Reagan High School Facility Additions and Renovations

## New Fine Arts Facility (2<sup>nd</sup> Band & Orchestra) Perspective

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Reagan HS Fine Arts Facility Addition Perspective

*Reagan High School  
North East ISD*



# Reagan High School Facility Additions and Renovations

## New Fine Arts Facility (2<sup>nd</sup> Band & Orchestra) Perspective

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Reagan HS Fine Arts Facility Addition Perspective

*Reagan High School  
North East ISD*

# Reagan High School Facility Additions and Renovations

## New Fine Arts Facility (2<sup>nd</sup> Band & Orchestra) Perspective

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Reagan HS Fine Arts Facility Addition Perspective

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# Reagan HS Facility Additions Project Site Analysis





# Reagan HS JROTC Addition Project Site Analysis

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# Reagan HS JROTC Facility Addition Floor Plan



Reagan HS JROTC Facility Addition Floor Plan

*Reagan High School  
North East ISD*

**Total Facility Program = 12,700 sq. ft.**



*Reagan High School  
North East ISD*



# Reagan High School Facility Additions and Renovations

## New JROTC Facility Addition Perspective

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Reagan HS JROTC Facility Addition Perspective

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# Reagan High School Facility Additions and Renovations

## New JROTC Facility Addition Perspective

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Reagan HS JROTC Facility Addition Perspective

*Reagan High School  
North East ISD*



# Reagan High School Facility Additions and Renovations

## New JROTC Facility Addition Perspective

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Reagan HS JROTC Facility Addition Perspective

*Reagan High School  
North East ISD*

# 2015 Bond Budget Review for Reagan HS Additions and Renovations Project

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• Design Account:	\$ 1,500,000
• Construction Account:	\$ 8,750,000
• Technology Account:	\$ 25,000
• FF&E Account:	<u>\$ 475,000</u>
TOTAL BOND PROGRAM =	\$ 10,750,000



# 2015 Bond Design and Construction Timeline

13 MONTHS (JAN 2017 – FEB 2018)

PROJECT DESIGN

FEB 2018

3 MONTHS

BID AWD PCS

MAY 2018

16 MONTHS (JUN 2018 – OCT 2019)

OCT 2019

CONSTRUCT NEW FINE ARTS ADDITION  
AND RENOVATIONS

Construct New 2<sup>nd</sup> Band and 2<sup>nd</sup> Orchestra  
Rehearsal Halls, Office, and Storage  
Connect New Addition to Existing Fine Arts  
Facility to Support Smooth Access to Existing  
Band and Choir Facilities

CONSTRUCT NEW JROTC FACILITY ADDITION

Construct New JROTC Facility adjacent to  
Existing Drill Marching Pad  
JROTC Facility will provide for 2 Classrooms,  
Cadre and Cadet Offices, Workroom, Drill and  
Arms Room Storage, Supply Room, Men's and  
Women's Locker Rooms, Laundry Room, Ice  
Machine Room, 8-Lane Rifle Range with  
Observation Area, and Lobby

CONSTRUCT SITE IMPROVEMENTS

Civil Site Work, Site Utilities, Drainage,  
Landscaping, Irrigation, and Hardscape

# 2015 Bond Reagan HS Additions and Renovations Project

## District Staff Recommendation

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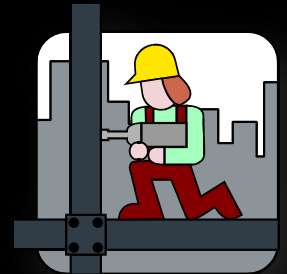
- Recommend Approval of the Reagan High School Fine Arts and JROTC Facility Additions and Renovations Project Schematic Design Presentation which Constructs the following 2015 Bond-Approved Program Elements:

- Construct New Fine Arts Addition and Renovations
  - 2<sup>nd</sup> Band Rehearsal Hall, Band Office, Band Storage Area, and Shared Ensemble Room
  - 2<sup>nd</sup> Orchestra Rehearsal Hall, Orchestra Office, Orchestra Storage Area, and Shared Ensemble Room
- Construct New JROTC Facility
  - Cadre and Cadet Office with Workroom, 2 Classrooms with Operable Folding Accordion Partition, Drill and Arms Rooms Storage, Supply Room, Men's & Women's Locker Rooms, Laundry Room, Ice Machine Room, 8-Lane Rifle Range with Observation Area and Bleacher Seating, and Facility Entry Lobby
- Construct Site Improvements (Landscape, Irrigation, Drainage, Site Utilities, & Hardscape)
- Construction Budget = \$ 8,750,000





# 2015 Bond Reagan High School Additions and Renovations Project (Fine Arts and JROTC Facilities) Schematic Design Presentation



## Questions ?