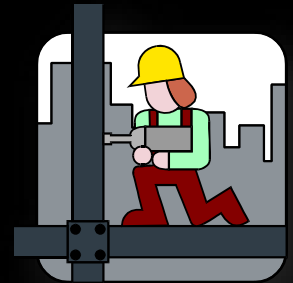




# 2015 Bond Northern Hills Elementary School Athletic Facility Additions and Renovations Project Schematic Design Presentation

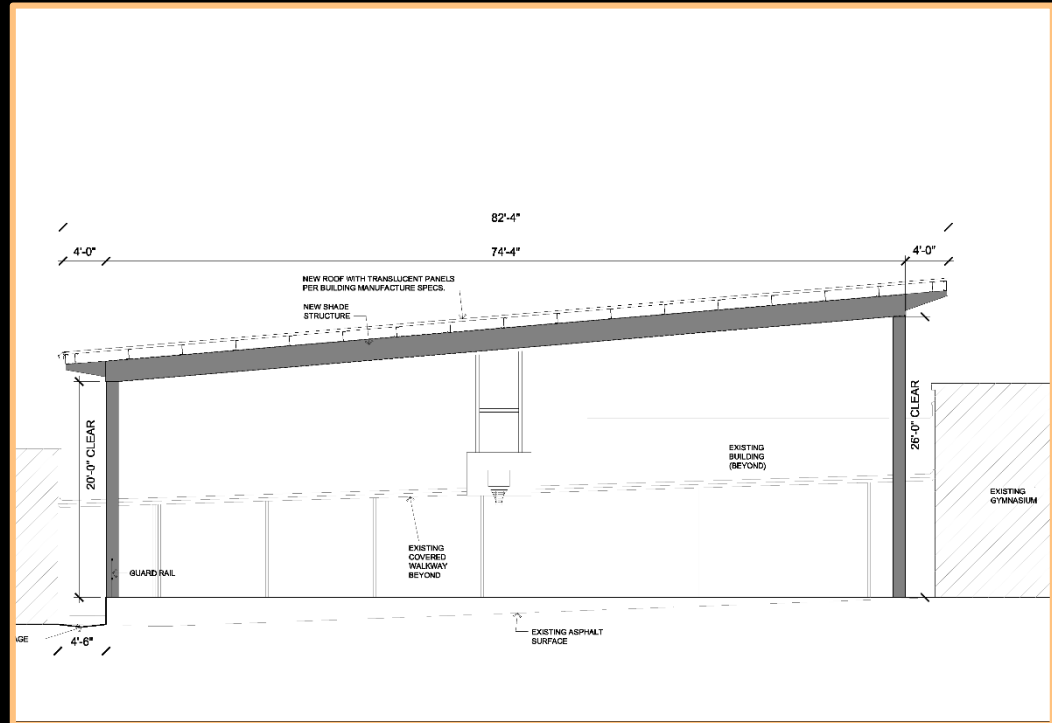
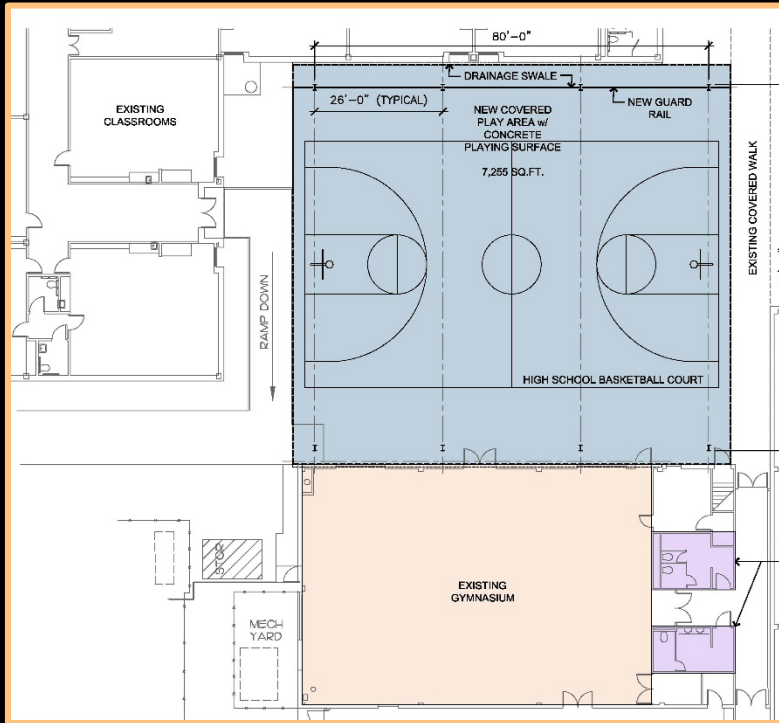


Garrett J. Sullivan, Executive Director  
Construction Management and Engineering Department

August 14, 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



# Northern Hills Elem. School Project Design Team

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- Architect: Shawn Kaarlsen & Associates and C. J. Lammers & Associates
- General Contractor: Satterfield & Pontikes Construction
- MEP Engineer: DBR Engineering Consultants
- Structural Engineer: Persyn 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: CFZ Group
- Acoustical Engineer: Bonner & Associates (BAi)
- Geotechnical & Material Testing: Raba-Kistner Consultants
- Test, Balance, and Commissioning: Alderson & Associates



# District Elementary School Gymnasium Summary

## \*\*\* 2 Gym Plan \*\*\*

- |                  |                  |
|------------------|------------------|
| • Bulverde Creek | • Redland Oaks   |
| • Canyon Ridge   | • Roan Forest    |
| • Castle Hills   | • Royal Ridge    |
| • Cibolo Green   | • Stahl          |
| • Encino Park    | • Steubing Ranch |
| • Fox Run        | • Stone Oak      |
| • Hardy Oak      | • Thousand Oaks  |
| • Huebner        | • Tuscan Heights |
| • Las Lomas      | • Wetmore        |
| • Longs Creek    | • Wilderness Oak |
| • Montgomery     | • Woodstone      |
| • Oak Meadow     | • Vineyard Ranch |
| • Olmos          |                  |
- 25 Campuses

## \*\*\* Gym (+) Plan \*\*\*

- |                      |               |
|----------------------|---------------|
| • Camelot            | • Ridgeview   |
| • Clear Spring       | • Serna       |
| • Coker              | • Walzem      |
| • Colonial Hills     | • West Avenue |
| • Dellview           | • Wilshire    |
| • East Terrell Hills | • Windcrest   |
| • El Dorado          |               |
| • Harmony Hills      |               |
| • Jackson-Keller     |               |
| • Larkspur           |               |
| • Northwood          |               |
| • Oak Grove          |               |
| • Regency Place      |               |
- 19 Campuses

## \*\*\* 1 Gym Plan \*\*\*

- Hidden Forest
  - Northern Hills
- 2 Campuses



# Northern Hills Elem. School Campus Site Aerial



Existing Outdoor Blacktop Area

Existing Athletic Facility

Northern Hills Elementary School Campus Site Aerial

Northern Hills ES  
North East ISD

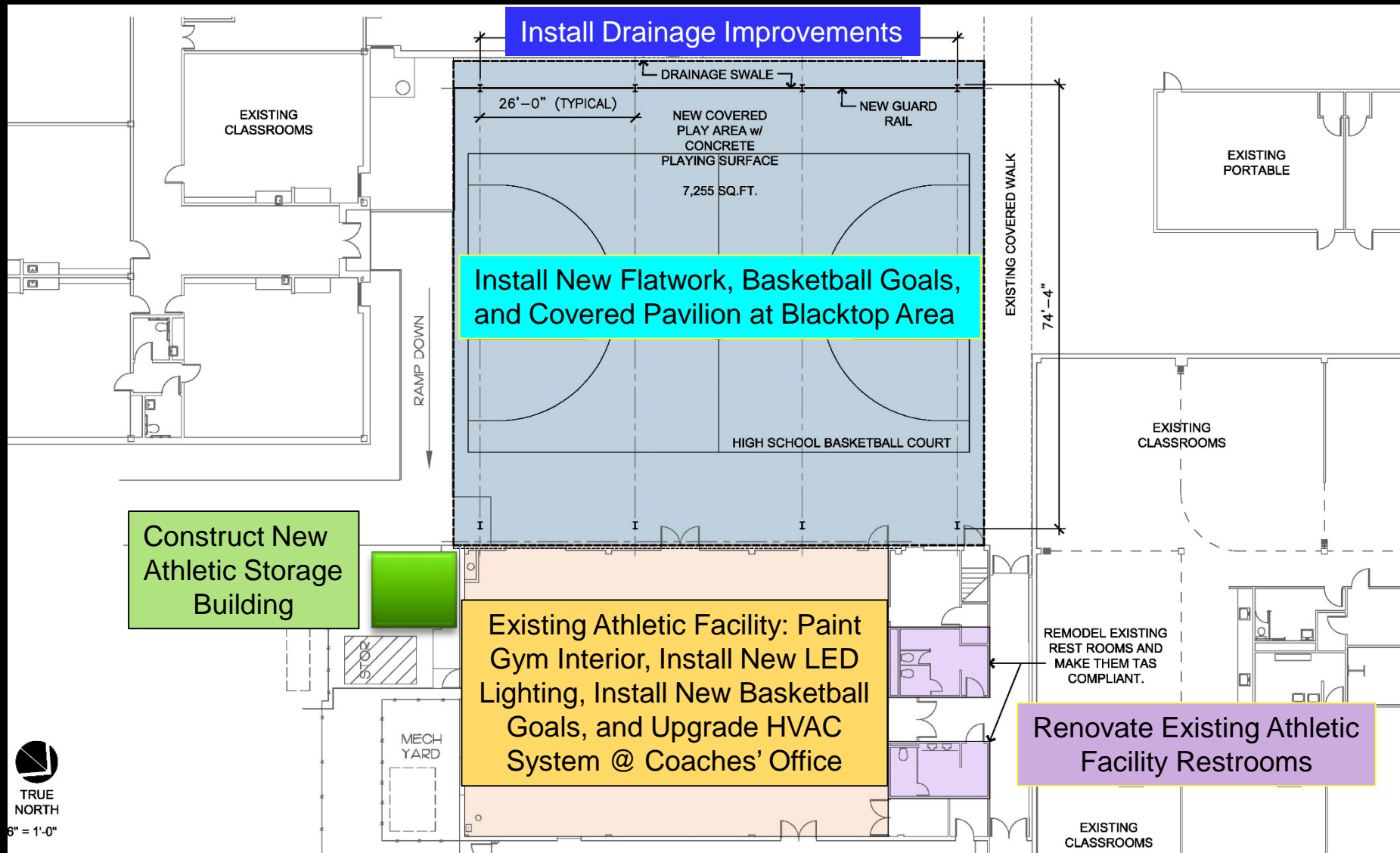


# 2015 Bond Program Review for Northern Hills ES Athletic Facility Additions & Renovations

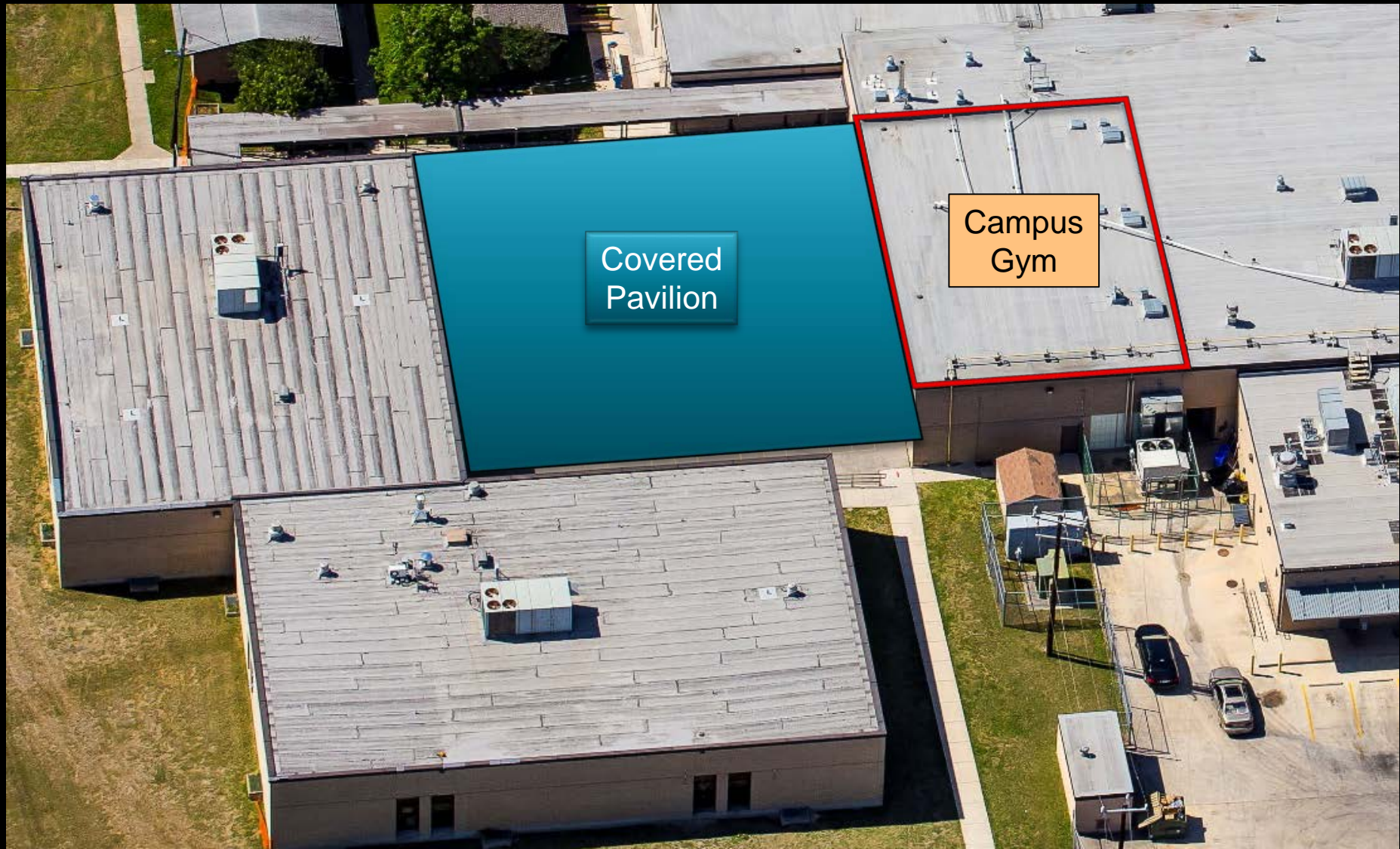
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- Construct New Covered Pavilion over Outdoor Play Area (8,200 sq. ft.)
- Install New Concrete Flatwork and Basketball Goals for Outdoor Play Area
- Construct Concrete Drainage Channel with Safety Handrail Adjacent to Outdoor Play Area
- Construct New Outdoor Storage Building for Athletic Equipment Storage
- Renovate Existing Athletic Facility Restrooms (TAS/ADA Compliance)
- Install New HVAC Mini-Split System at Gymnasium Coaches' Office
- Install 6 New Basketball Goals at Outdoor Play Area and Replace 4 Side-Court Basketball Goals in the Gymnasium
- Paint Gym Interior Walls and Upgrade Gym Lighting to an LED System
- Install New District-Furnished Sound System in Gym and Outdoor Play Area

# Northern Hills ES Athletic Facility Project Site Analysis

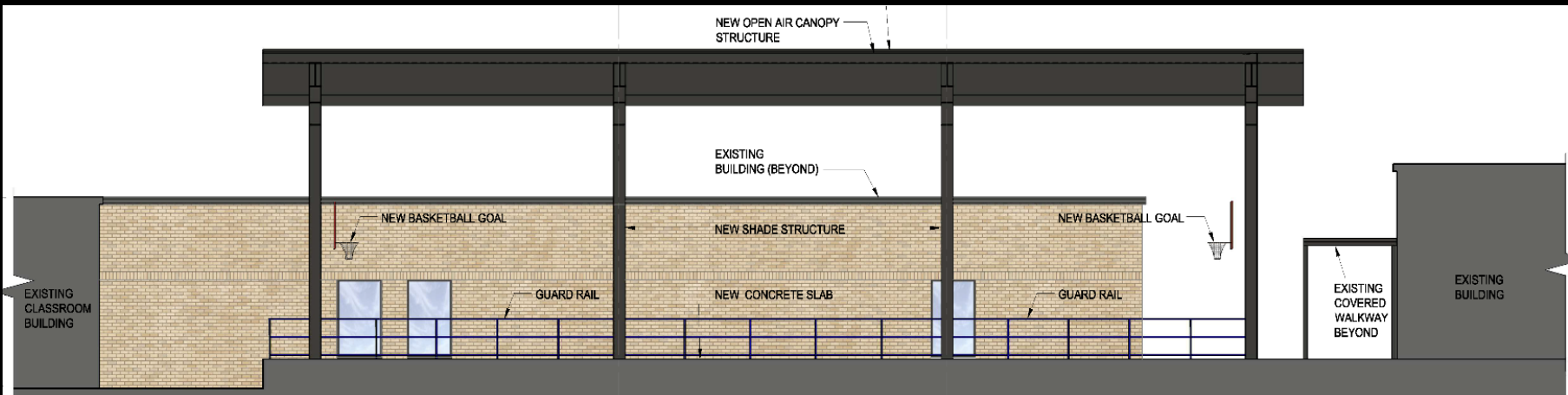


# Northern Hills Elem. School Campus Site Aerial

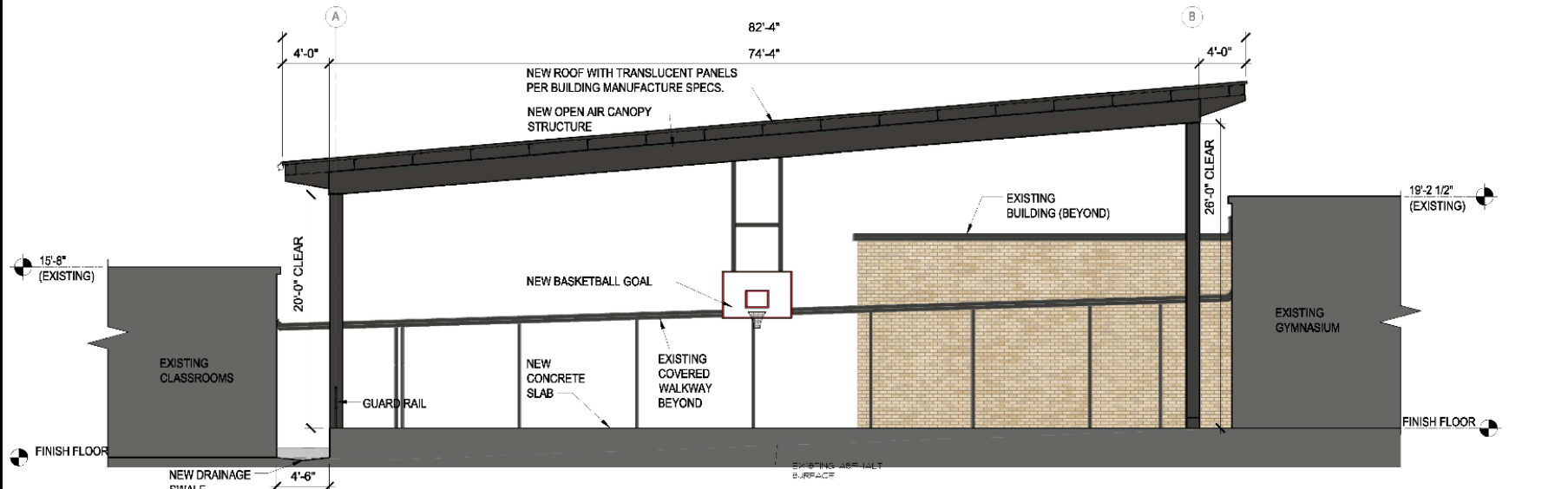




# Northern Hills ES Athletic Facility Project Site Analysis



② NEW OPEN AIR CANOPY SECTION  
SCALE: 1/4" = 1'-0"



# 2015 Bond Budget Review for Northern Hill ES Athletic Facility Additions and Renovations

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• Design Account:	\$ 215,000
• Construction Account:	\$ 975,000
• Technology Account:	\$ 0
• FF&E Account:	<u>\$ 60,000</u>
TOTAL BOND PROGRAM =	\$ 1,250,000



# 2015 Bond Design and Construction Timeline

7 MONTHS (JUN 2017 – DEC 2017)

PROJECT DESIGN

DEC 2017

2 MONTHS

BID AWD PCS

FEB 2018

5.5 MONTHS (MAR 2018 – AUG 2018)

AUG 2018

CONSTRUCT NEW OUTDOOR COVERED  
PAVILION OVER BLACKTOP PLAY AREA

INSTALL NEW FLATWORK AND BASKETBALL  
GOALS FOR OUTDOOR PLAY AREA

CONSTRUCT NEW ATHLETIC STORAGE BLDG.

RENOVATE EXISTING ATHLETIC FACILITY  
RESTROOMS (TAS COMPLIANCE)

CONSTRUCT VARIOUS SITE IMPROVEMENTS



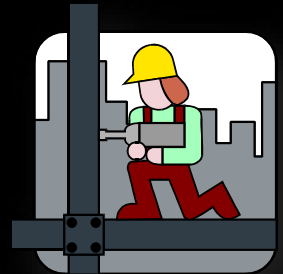
# 2015 Bond Northern Hills Elementary School Athletic Addition and Renovations Project - District Staff Recommendation

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- Recommend Approval of the Northern Hills Elementary School Athletic Addition and Renovations Project Schematic Design Presentation which Constructs the following 2015 Bond-Approved Program Elements:
  - Construct New Covered Pavilion over Outdoor Play Area (8,200 sq. ft.), Install New Concrete Flatwork, 6 Basketball Goals, and Construct Adjacent Concrete Drainage Channel with Safety Handrail at Outdoor Play Area
  - Construct New Outdoor Storage Building for Athletic Equipment Storage
  - Renovate Existing Athletic Facility Restrooms (TAS/ADA Compliance), Install New HVAC Mini-Split System at Gymnasium Coaches' Office, Replace 4 Side-Court Basketball Goals in the Gymnasium, Paint Gymnasium Interior Walls and Upgrade Gymnasium Lighting to an LED System
  - Install New District-Furnished Sound System in Gymnasium and at the Outdoor Play Area
  - Construction Budget = \$ 975,000
- Approve use of the Job Order Contract Bid/Construction Delivery Method and Appoint Satterfield & Pontikes Construction as Designated General Contractor



# 2015 Bond Northern Hills Elementary School Athletic Facility Additions and Renovations Project Schematic Design Presentation



## Questions ?