

# UNITED INDEPENDENT SCHOOL DISTRICT

## AGENDA ACTION ITEM

**TOPIC:** Discussion and Possible Action to Recommend to the Board of Trustees, Approval of Additional Construction for the Replacement of Heating, Ventilation, and Air Conditioning (HVAC) Systems at 8800 McPherson Campus, Trautmann Middle School, and Los Obispos Middle School Campuses using 2013 Bond Proceeds Designated for HVAC and Building Renovations, Remaining Available Funds \$834,518.00.

**SUBMITTED BY:** Manuel D. Menchaca **OF:** HVAC/EMS Department

**APPROVED FOR TRANSMITTAL TO SCHOOL BOARD:** November 14, 2018

**DATE ASSIGNED FOR BOARD CONSIDERATION:** November 26, 2018

**Recommendation:**

Administration recommends approval to recommend to the Board of Trustees Funding Approval of Additional Construction for the Replacement of Heating, Ventilation and Air Conditioning (HVAC) Systems at 8800 McPherson Campus, Trautmann Middle School, and Los Obispos Middle School Campuses from 2013 Bond Proceeds Designated for HVAC and Building Renovations, Remaining Available Funds \$834,518.00.

**Rationale:**

The existing gymnasium HVAC system at 8800 McPherson is over 24 years old and in need of complete replacement. The current administration area HVAC system at Trautmann Middle School and the existing classroom HVAC systems at Trautmann Middle School & Los Obispos Middle School are over 23 years old and in need of complete replacement.

**Budgetary Information:**

Estimated Total Project Cost: \$672,000.00 (Design and Construction)

**Budget Source:**

2013 Bond Proceeds Designated for HVAC and Building Renovations, remaining available funds \$834,518.00

## **Cost Breakdown for Replacement of Gym HVAC System**

**8800 McPherson Campus**

**October 29, 2018**

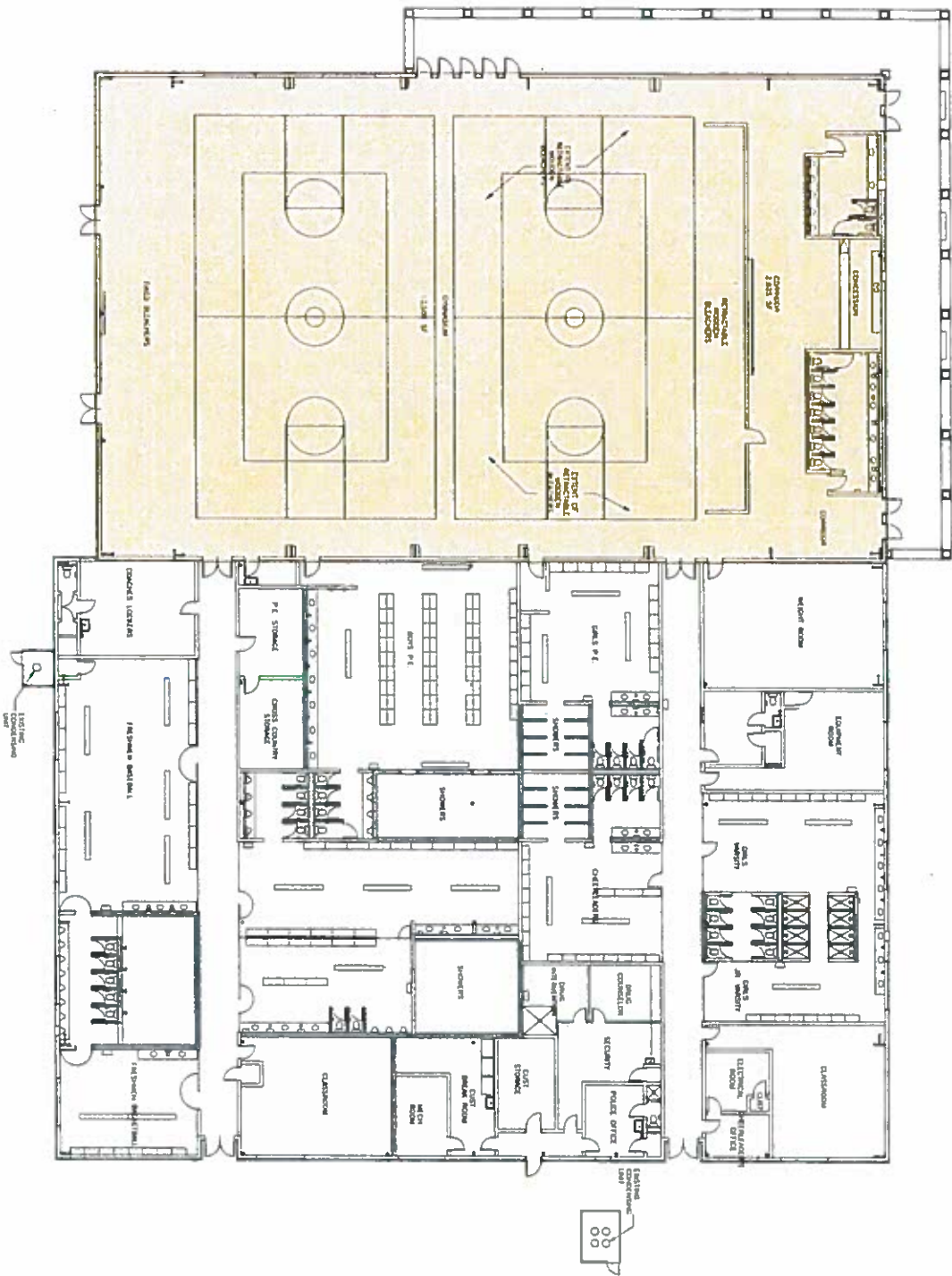
<b><u>ITEM DESCRIPTION</u></b>	<b><u>COST ESTIMATE (RS Means Cost Index)</u></b>
• Demolition of equipment, electrical and ductwork	\$30,080.00
• HVAC package equipment and installation	\$204,718.00
• Refrigerant Piping and Refrigerant, labor and materials	\$15,984.00
• Ductwork, insulation, and installation	\$121,787.00
• HVAC temperature controls and software	\$18,656.00
• Fire alarm equipment, electrical wiring, starters, equipment	\$89,016.00
• Humidity controls equipment and software	\$14,070.00
• Contingency Allowance	\$50,000.00
• Total Equipment and Installation Cost + C.A.	\$544,311.00
• G.C. Ovhd & Profit + bond cost (10% +1.2%)	\$61,616.00
 Total Construction Cost:	 \$605,927.00
Total Cost with RS Means Local Factor Cost Adjustment (82.8%):	\$501,708.00
 • HVAC system test and balance	 \$1,850.00
• Engineering design and construction administration fees	<u>\$56,442.00</u>
 Project Cost:	 \$560,000.00

## **Cost Breakdown for Replacement of HVAC Systems at Trautmann MS & Los Obispos MS Campus**

• Replacement of three HVAC systems	\$112,000.00
 Total Project Cost:	 \$672,000.00

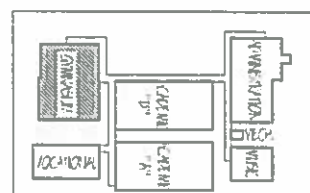
# 1 GYMNASIUM PLAN

SCALE: 1" = 32'



## 2 KEY PLAN

NOT TO SCALE



8800 MCPHERSON CAMPUS

8800 MCPHERSON AVE

LAREDO, TX 78045

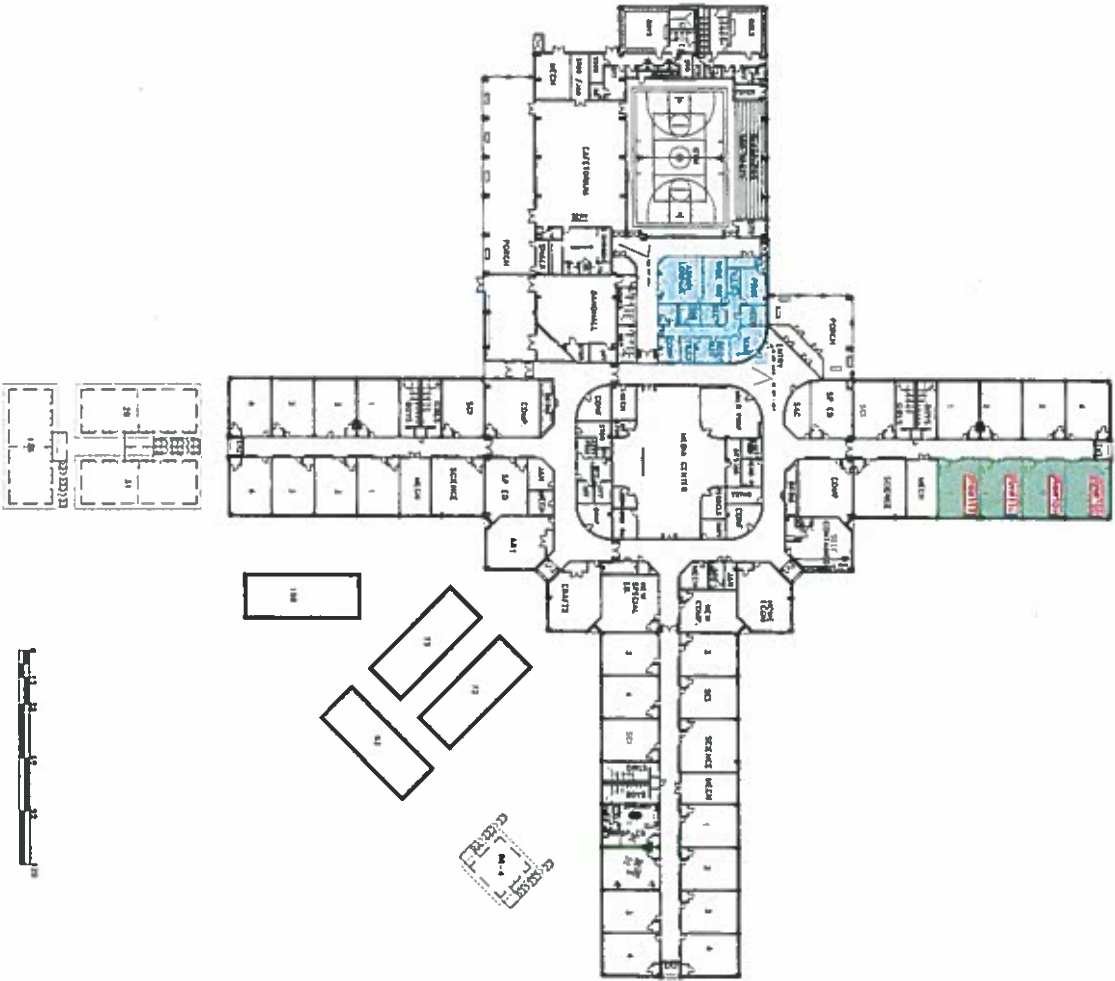
PLAN

A106



2011 LACK WOOD  
LAREDO, TX 78045

# 1 FLOOR PLAN



## TRAUTMANN MIDDLE SCHOOL

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### FLOOR PLAN

A100



