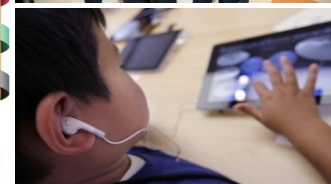
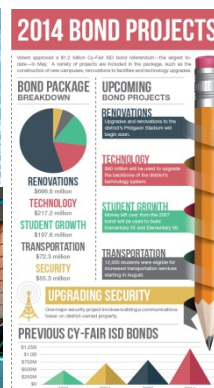


BOND PROGRAM MASTER PROJECT SCHEDULE

LONG RANGE PLANNING COMMITTEE MEETING

March 4, 2015



AGENDA

1. Overall Facilities Bond Scope
 - a. Student Growth
 - b. Facilities Renovations
 - c. Safety & Security
 - d. Transportation
 - e. Technology
2. Phasing Criteria
3. Review Standard Project Durations
4. Phases and Schedules
5. Questions



FACILITIES BOND SCOPE

2007 NEW FACILITIES

- **Elementary School 54
(Under Construction)**
- **Elementary School 55**
- **Elementary School 56**
- **High School 11
(Under Construction)**
- **High School 12**
- **Site Purchases**



\$373,002,220

FACILITIES BOND SCOPE

2014 NEW FACILITIES

- Elementary School 57
- Elementary School 58
- Middle School 19
- Matzke Replacement School
- Natatorium
- Ag Center
- Cold Food Warehouse
- Site Purchases

\$197,638,892

FACILITIES BOND SCOPE

FACILITIES RENOVATIONS

- **Miscellaneous Renovations to all Facilities**
- **Major Renovations/Additions to:**
Adam ES
Bane ES
Watkins MS

\$666,673,660

SAFETY & SECURITY BOND SCOPE

FACILITIES RENOVATIONS

- **Card Reader Access**
- **Front Door Video Camera and Buzzers**
- **Additional Digital Cameras/Upgrades**
- **New Communication Towers**
- **Emergency Call Buttons**
- **Lock Down Panic Buttons**
- **Bullet Resistant Glass at Main Entries**

\$55,343,303

TRANSPORTATION BOND SCOPE

TRANSPORTATION UPGRADES

- **New Transportation Center**
- **Purchase of New School Buses for Growth & Restoration of 2 Mile Service**
- **Installation of GPS Systems in Buses**
- **Upgrade of Video Cameras/DVR's**

\$72,368,091

TECHNOLOGY BOND SCOPE

TECHNOLOGY UPGRADES

- Networking Infrastructure
- Instructional Technology for Existing and New Campuses
- IDF/MDF Room HVAC Improvements

\$217,256,054

PHASING CRITERIA

Development of 6 Year Phasing Schedule

- **Tackle Critical Replacements first**
- **Group all Renovations per Campus to minimize disruptions to school instruction**
- **Expedite Safety & Security needs**
- **Address Student Growth Needs**
- **Coordination with 6 year Bond Sale Schedule**
- **Increase Project Schedule duration to adjust to construction market conditions**



ANTICIPATED PROJECT SCHEDULES

New Elementary School

Schematic Design	SD	2 MONTHS
Design Development	DD	2 MONTHS
Construction Documents	CD	4 MONTHS
Bidding	BID	2 MONTHS
Construction Administration	CA	18 MONTHS
	TOTAL	28 MONTHS



New Middle School

Schematic Design	SD	2 MONTHS
Design Development	DD	2 MONTHS
Construction Documents	CD	6 MONTHS
Bidding	BID	2 MONTHS
Construction Administration	CA	22 MONTHS
	TOTAL	34 MONTHS



ANTICIPATED PROJECT SCHEDULES

Minor Renovation (under \$6 million)

Schematic Design	SD	1 MONTH
Design Development	DD	1 MONTH
Construction Documents	CD	2 MONTHS
Bidding	BID	2 MONTHS
Construction Administration	CA	4 MONTHS
	TOTAL	10 MONTHS



Intermediate Renovation (\$6-\$10 million)

Schematic Design	SD	1 MONTH
Design Development	DD	1 MONTH
Construction Documents	CD	3 MONTHS
Bidding	BID	2 MONTHS
Construction Administration	CA	12 MONTHS
	TOTAL	19 MONTHS



ANTICIPATED PROJECT SCHEDULES

Large Renovations (\$10 - \$20 million)

Schematic Design	SD	2 MONTHS
Design Development	DD	2 MONTHS
Construction Documents	CD	4 MONTHS
Bidding	BID	2 MONTHS
Construction Administration	CA	14 MONTHS
	TOTAL	24 MONTHS



Large Renovations (Over \$20 million)

Schematic Design	SD	2 MONTHS
Design Development	DD	2 MONTHS
Construction Documents	CD	5 MONTHS
Bidding	BID	2 MONTHS
Construction Administration	CA	24 MONTHS
	TOTAL	35 MONTHS

I

Phase 1 - 2014

PHASE 1 - 2014

CAMPUS	DESIGN START DATE	SUBSTANTIAL COMPLETION DATE
High School 12	September 2014	August 2017
New Natatorium	September 2014	July 2016
School Site Purchases	November 2014	November 2015
Renovations to Pridgeon Stadium	September 2014	July 2016
Transportation (Buses, GPS, DVR's)	November 2014	August 2015
Security - Communications Towers	November 2014	August 2017
Security - Card Readers Access at Elementary Schools	November 2014	August 2015
Security - Card Readers Access at Middle Schools	November 2014	August 2015
Security - Card Readers Access at High Schools	November 2014	August 2015
Security - Front Door Video Camera and Buzzer	November 2014	August 2015
Security - Ben Bradley Security/Police Center Camera Upgrade	November 2014	August 2015
Technology - Networking Infrastructure	November 2014	November 2015
Technology - Instructional Technology	November 2014	August 2015
Elementary School No. 54	November 2014	August 2015
Technology - IDF/MDF Room HVAC Improvements	November 2014	November 2015

- Phasing Schedule and Project Scope is subject to change based upon critical replacements changes and construction market conditions

LEGEND

	NEW FACILITIES
	FACILITIES RENOVATIONS
	TRANSPORTATION
	SECURITY
	TECHNOLOGY

II

Phase 2 - 2015

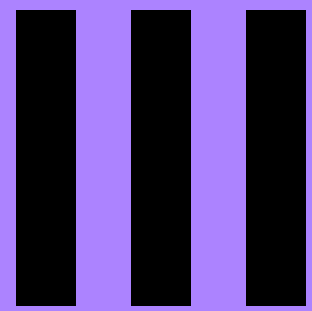


PHASE 2 - 2015

CAMPUS	DESIGN START DATE	SUBSTANTIAL COMPLETION DATE
Adam Elementary Major Renovations/Additions	August 2015	August 2017
Bane Elementary Major Renovations/Additions	August 2015	August 2017
Watkins Middle Major Renovations/Additions	September 2015	August 2018
Jowell ES Renovations	December 2015	August 2017
Dean MS Renovations	December 2015	August 2017
Elementary School No. 55 (Part of HS 12 Package)	November 2014	June 2017
Elementary School No. 56	February 2015	June 2017
New Matzke Replacement School	February 2015	June 2017
New Transportation Center	February 2015	June 2017
Satellite Cold Food Warehouse	April 2015	August 2016
New Ag Center	April 2015	August 2016
School Site Purchases	November 2015	November 2016
Transportation (Buses)	November 2015	August 2016
Security- Provide 60 Emergency Call Boxes	November 2015	August 2016
Technology- Network Infrastructure	November 2015	November 2016
Technology- Instructional Technology		
High School No. 11	November 2015	August 2016
Elementary No. 54	November 2015	August 2016
Upgrade Standard Classroom Technology	November 2015	November 2016
Upgrade Student Mobile Technology	November 2015	November 2016
Upgrade High School Labs	November 2015	November 2016
Upgrade Library Technology	November 2015	November 2016
Upgrade Special Campuses	November 2015	November 2016
Upgrade other Technology - ISC Labs	November 2015	November 2016

- Phasing Schedule and Project Scope is subject to change based upon critical replacements changes and construction market conditions

LEGEND
FACILITIES RENOVATIONS
NEW FACILITIES
TRANSPORTATION
SECURITY
TECHNOLOGY



Phase 3 - 2016



PHASE 3 - 2016

CAMPUS	DESIGN START DATE	SUBSTANTIAL COMPLETION DATE
Middle School 19	September 2016	June 2019
Existing Matzke ES Repurpose & Renovation	August 2016	August 2018
Cypress-Falls HS Renovations	September 2016	August 2019
Cypress-Springs HS Renovations	September 2016	August 2019
Holmsley ES Renovations	December 2016	August 2018
Willbern ES Renovations	December 2016	August 2018
Transportation (Buses)	November 2016	August 2017
Security - Install Lock Down Panic Buttons	November 2016	August 2017
Technology- Instructional Technology		
High School No. 12	November 2016	August 2017
Elementary School No. 55	November 2016	August 2017
Elementary School No. 56	November 2016	August 2017
Upgrade Standard Classroom Technology	November 2016	November 2017
Upgrade Student Mobile Technology	November 2016	November 2017
Upgrade High School Labs	November 2016	November 2017
Upgrade Library Technology	November 2016	November 2017
Upgrade Special Campuses	November 2016	November 2017
Upgrade other Technology - ISC Labs	November 2016	November 2017

- Phasing Schedule and Project Scope is subject to change based upon critical replacement changes and construction market conditions

LEGEND

	NEW FACILITIES
	FACILITIES RENOVATIONS
	TRANSPORTATION
	SECURITY
	TECHNOLOGY

IV Phase 4 - 2017

IV PHASE 4 - 2017

CAMPUS	DESIGN START DATE	SUBSTANTIAL COMPLETION DATE
Elementary School No. 57	February 2017	June 2019
Thornton MS Renovations	September 2017	August 2020
Cook MS Renovations	September 2017	August 2020
Langham Creek HS Renovations	September 2017	August 2020
Truitt MS Renovations	September 2017	August 2020
Hancock ES Renovations	October 2017	August 2018
Ault ES Renovations	December 2017	August 2019
Owens ES Renovations	December 2017	August 2019
Transportation (Buses)	November 2017	August 2018
Technology- Instructional Technology		
Upgrade Standard Classroom Technology	November 2017	November 2018
Upgrade Student Mobile Technology	November 2017	November 2018
Upgrade High School Labs	November 2017	November 2018
Upgrade Library Technology	November 2017	November 2018
Upgrade Special Campuses	November 2017	November 2018
Upgrade other Technology - ISC Labs	November 2017	November 2018

- Phasing Schedule and Project Scope is subject to change based upon critical replacement changes and construction market conditions

LEGEND

NEW FACILITIES
FACILITIES RENOVATIONS
TRANSPORTATION
TECHNOLOGY

V

Phase 5 - 2018



PHASE 5 - 2018

CAMPUS	DESIGN START DATE	SUBSTANTIAL COMPLETION DATE
Elementary School No. 58	February 2018	June 2020
Transportation Center Renovations	December 2017	August 2019
Berry Center Renovations	December 2017	August 2019
Cy-Ridge HS Renovations & Culinary Arts Lab Addition	December 2017	August 2019
Jersey Village HS Renovations	December 2017	August 2019
Cy-Creek HS Renovations	August 2018	August 2020
Metcalf/ Reed ES Renovations	August 2018	August 2020
Walker/Moore ES Renovations	August 2018	August 2020
Labay MS Renovations	August 2018	August 2020
Cy-Fair HS / Cy Fair Annex Renovations	September 2018	August 2021
Hamilton MS Renovations	September 2018	August 2021
Cy-Woods HS/Cy-Lakes HS/Cy-Ranch HS/Carlton Center Renovations	October 2018	August 2019
Food Production Center and Freezer Renovations	October 2018	August 2019
ISC / ISC West Renovations	October 2018	August 2020
Goodson MS Renovations	October 2018	August 2019
Aragon /Spillane MS Renovations	October 2018	August 2019
ELC # 1/ELC # 2 Renovations	October 2018	August 2019
Windfern Annex/ Windfern HS Renovations	October 2018	August 2019
Anthony MS Renovations	October 2018	August 2019
Transportation (Buses)	November 2018	November 2019
Technology – Instructional Technology		
Elementary School No. 57	November 2018	August 2019
Middle School No. 19	November 2018	August 2019

- Phasing Schedule and Project Scope is subject to change based upon critical replacement changes and construction market conditions

LEGEND
NEW FACILITIES
FACILITIES RENOVATIONS
TRANSPORTATION
TECHNOLOGY

VI Phase 6 - 2019

VI PHASE 6 - 2019

CAMPUS	DESIGN START DATE	SUBSTANTIAL COMPLETION DATE
Fiest ES Renovations	August 2019	August 2021
Millsap/Wilson ES Renovations	August 2019	August 2021
Emmott/Bang ES Renovations	August 2019	August 2021
Hamilton ES Renovations	August 2019	August 2021
Copeland ES Renovations	August 2019	August 2021
Hairgrove/Sheridan ES Renovations	August 2019	August 2021
Lieder/Lowery ES Renovations	August 2019	August 2021
Gleason/Holbrook ES Renovations	October 2019	August 2020
Farney/Sampson/Lee/Kirk ES Renovations	October 2019	August 2020
Horne/Francone/Post ES Renovations	October 2019	August 2020
Keith/McFee/Pope/Rennell ES Renovations	October 2019	August 2020
Robinson/Robison/Swenke/Tipps/Warner Renovations	October 2019	August 2020
Support Facilities Upgrades 1- Ag Centers/Charlotte Burns Science Resource Center/Exhibit Center	October 2019	August 2020
Support Facilities Upgrades 2- ALC/ABC & ALC West & Ropes Pavillions	October 2019	August 2020
Support Facilities Upgrades 3 - M&O & Falcon Annex	October 2019	August 2020
Frazier ES Renovations	October 2019	August 2020
Black/Danish/Duryea ES Renovations	October 2019	August 2020
Emery/Lamkin/Hemmenway/Postma ES Renovations	October 2019	August 2020
Andre/Birkes/Yeager ES Renovations	October 2019	August 2020
Bleyl/Arnold MS Renovations	December 2019	August 2021
Campbell MS Renovations	December 2019	August 2021
Hopper/Kahla/Smith/Salyards MS Renovations	December 2019	August 2021
Transportation (Buses)	November 2019	August 2020
Technology- Instructional Technology	November 2019	November 2021
Elementary School No. 58	November 2019	August 2020

- Phasing Schedule and Project Scope is subject to change based upon critical replacement changes and construction market conditions

LEGEND

FACILITIES RENOVATIONS
TRANSPORTATION
TECHNOLOGY

**ANDRE ELEMENTARY
SCHOOL**



CYPRESS-FAIRBANKS ISD

8111 FRY RD
CYPRESS, TEXAS 77433



ORIGINAL BUILDING COMPLETED: 2006
ADDITIONS COMPLETED:
RENOVATIONS COMPLETED:
BUILDING AREA: 96,006 SF

**ANDRE ELEMENTARY
SCHOOL**



CYPRESS-FAIRBANKS ISD



TOTAL ACRES: 12

Andre Elementary School

Print Date:
2/13/2015

Priority Code	PBK Item #	Item Description	Classification	Discipline	Source
ARCHITECTURAL					
2.1	1	Replace plastic laminate partitions at some restroom locations.	TP	Architectural	FR
BUILDING ENVELOPE					
2.2	2	Replace or repair all cracked/broken brick and miscellaneous damaged plaster. Provide tuck point repair at all cracked mortar joints.	WRE	Bldg Envelope	FR
2.2	3	Repair wet glaze seal all deteriorated and damaged window glazing gaskets.	WDW	Bldg Envelope	FR
2.2	4	Remove and replace exterior building waterproofing sealants throughout entire facility. Including all wall central joints, through wall penetrations around all doors and windows and joints between building and paving.	WS	Bldg Envelope	FR
CIVIL					
2.2	5	Provide miscellaneous paving repairs.	SP	Civil	FR
FIRE & LIFE SAFETY					
2	6	Provide emergency eye wash station in clinic.	PLB	Fire & Life Safety	MQ
MECHANICAL					
2.1	7	Add exhaust to room 118 custodial closet.	HVAC	Mechanical	FR
SECURITY					
1	8	Replace existing DVR and add one (1) additional.	SEC	Security	FR
1	9	Replace intrusion detection panel.	SEC	Security	FR
2	10	Install "lock down" panic buttons at strategic locations throughout facility. Include connection to PA system.	SEC	Security	MQ
2	11	Provide five (5) additional card reader access to secondary entries.	SEC	Security	FR
2	12	Replace analog CCTV cameras with digital.	SEC	Security	FR
2	13	Provide additional CCTV cameras.	SEC	Security	FR
2	14	Provide new front secure vestibule with card reader access	SEC	Security	SEC
2	15	Provide video cameras at front entry with front door buzzer for granting access after hours.	SEC	Security	MQ
3	16	Provide reinforced / bullet resistant glass at front entry doors and exterior windows.	SEC	Security	MQ

Facilities Assessment Priority Codes

- ✓ **Priority 1** – Must Do: Legal, Safety Reason and Critical Replacements
(Life Expectancy 1-3 years)
- ✓ **Priority 2** – Should Do: Curricular, Instructional, Program Need
(Life Expectancy 3-6 years)
- ✓ **P2.1** – Should Do: Curricular, Instructional, Program Need
(Life Expectancy 4-5 years)
- ✓ **P2.2** – Should Do: Curricular, Instructional, Program Need
(Life Expectancy 5-6 years)
- ✓ **Priority 3** – Would Like to Do: Curricular, Instructional, Program Enhancement
(Life Expectancy 6-10 years)
- ✓ **Priority 4** – Future Consideration *(Life Expectancy 10 plus years)*
- ✓ **Priority M** – To be addressed with Maintenance Funds
- ✓ **Priority MP** – Major Project: Items has been planned / already designated as projects or were rolled up and grouped together
- ✓ **Priority BM** – Building Modification: Will be performed by District Building Modification or with Capital Funds
- ✓ **Priority NA** – Items that have been rolled up into a Major Project

Database Discipline Codes

DISCIPLINE							
C	CIVIL	E	ELECTRICAL	FLS	FIRE & LIFE SAFETY	FS	FOOD SERVICE
BE	BUILDING ENVELOPE	P	PLUMBING	S	SECURITY	O	OTHER
A	ARCHITECTURAL	T	TECHNOLOGY	ATH	ATHLETICS		
M	MECHANICAL	LV	LOW VOLTAGE	ACT	ACTIVITIES		

Database Classification Codes

CLASSIFICATION CODE							
ACM	Asbestos	DR	Door	LOC	Locker	SF	Site Fencing
ACO	Acoustical Treatment	EA	Educational Adequacy	LS	Life Safety	SGN	Building Signage
ADD	Building Addition	ED	Electrical Distribution	LTG	Lighting	SL	Site Lighting
AE	Athletic Events	EDF	Electric Drinking Fountain	MBTB	Markerboard/Tackboard	SPM	Site Paving Maintenance
AF	Athletic Fields	EG	Emergency Generator	MEQ	Miscellaneous Equipment	SPN	New Site Paving
AT	Athletic Track	ELE	Electrical	MW	Millwork	SR	Sound Reinforcement
AV	Audio/Visual Sound	ESOF	Exterior Soffit	OTH	Other	STR	Structural/Foundation
BLC	Bleachers	FA	Fire Alarm System	PA	Public Address	SU	Site Utilities
BLD	Window Blinds	FIXT	Sinks, Urinals, etc.	PGE	Playground Equipment	TC	Tennis Courts
CCTV	Security Camera	FLR	Flooring-Carpet, Tile, etc.	PLB	Building Plumbing	TECH	Technology
CLG	Ceiling	FSPR	Fire Sprinkler	PTG	Painting	TP	Toilet Partition
CLK	Clock	GRP	Building Graphics	REN	Renovation	WDW	Window
CNPY	Covered Walkway/Canopy	HDW	Hardware	RFM	Roof Maintenance	WRE	Wall Repair-Exterior
CRA	Card Reader Access	HVAC	Heat, Vent & Air	RFR	Roof Replacement	WRI	Wall Repair-Interior
CWK	Casework	INT	Interior Finish	SD	Site Drainage	WS	Waterproofing Sealant
DC	Display Case	IRR	Irrigation	SA	Security Alarm System		

Facilities Assessment Source Codes

Source Codes:

- ✓ **FR** – Consultant Team Facility Assessment Review
- ✓ **FRP** – Facility Assessment Review with District Personnel
- ✓ **IFQ** – Instructional Facilities Questionnaire
- ✓ **MQ** – Maintenance and Department Questionnaire
- ✓ **COM** – Community Input
- ✓ **SEC** - Security

ELECTRICAL - LIGHTING

DISCIPLINE REPORT

Proposed Work Items

Print Date: 1/13/2014

All costs are shown in 2014 dollars. The cost of all work items after this date should be adjusted accordingly.

DISCIPLINE	ITEM NO.	PRIORITY CODE	ITEM DESCRIPTION	DEPT. CODE	SOURCE CODE	CLASS. CODE	COST
High School							
CYPRESS CREEK HIGH SCHOOL							
Electrical	E10	3	Replace HID high bay light fixture in competition gymnasium with LED/fluorescent fixtures.		FRP	LTG	\$206,925.88
Electrical	E11	3	Replace site lighting with LED.		FR	SL	\$206,925.88
Electrical	E2	3	Replace lighting over bookshelves in Library.		FR	LTG	\$24,831.11
Electrical	E9	3	Replace HID high bay light fixture in auxiliary gymnasium with LED/fluorescent fixtures.		FRP	LTG	\$165,540.70
Subtotal							\$604,223.57

Bond Projects Construction Progress

CFISD Educational Village High School No.11 Aerial Image



CFISD Educational Village High School No.11 Aerial Image



Woodard Elementary School No. 54 Exterior Rendering



Woodard Elementary School No. 54 Construction Progress of Academic Area



Woodard Elementary School No. 54 Aerial Photo of Construction Progress



Woodard Elementary School No. 54 Aerial Photo of Construction Progress



Food Production Center Warehouse Aerial Photo of Construction Progress



Food Production Center Warehouse Aerial Photo of Construction Progress



Bond Projects Design Progress

Pidgeon Stadium Renovations and New Natatorium Conceptual Site Plan



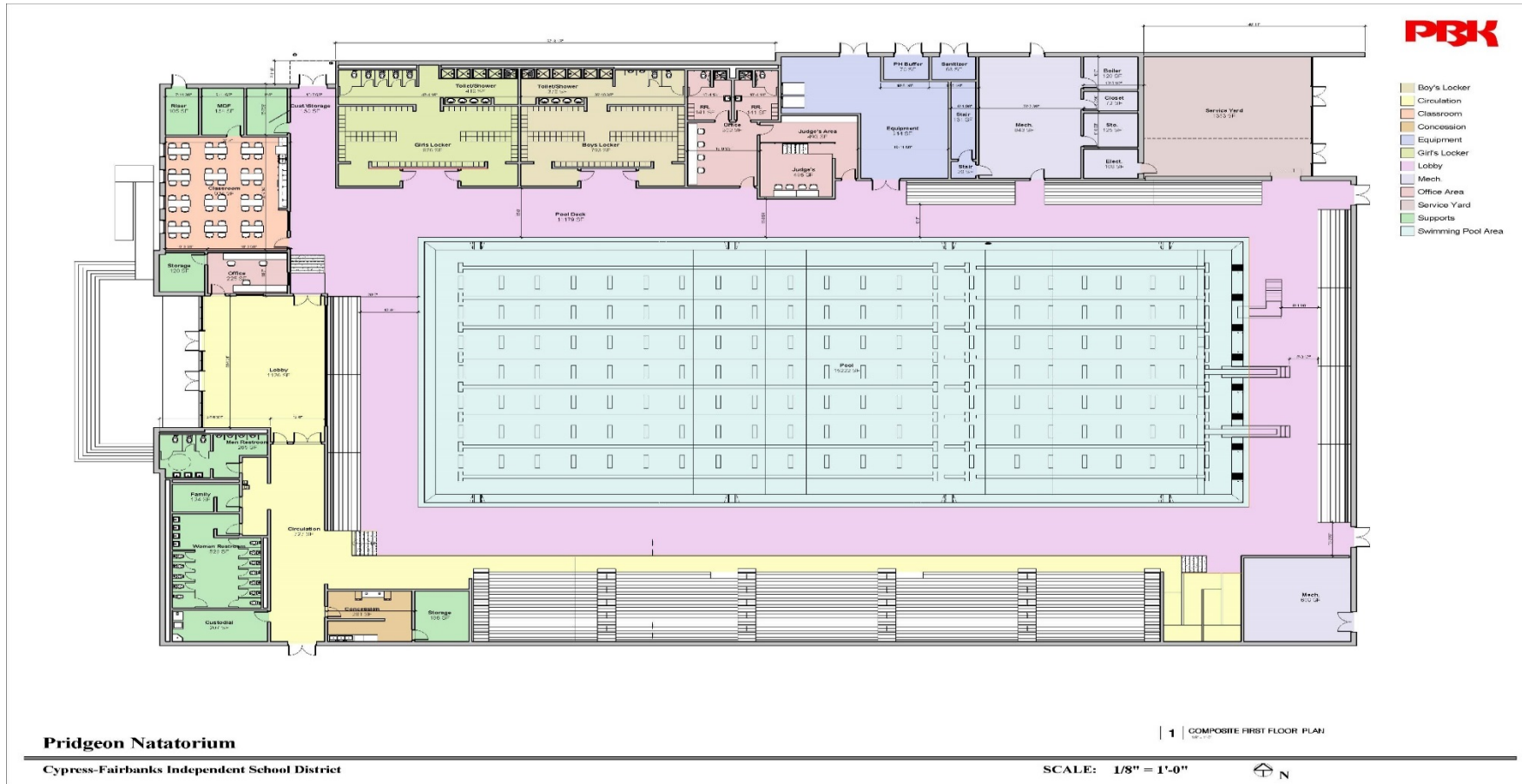
Pridgeon Stadium Renovations Conceptual Design Image



New Natatorium Conceptual Design Image



New Natatorium Conceptual Floor Plan



CFISD Educational Village Bridgeland Site Master Plan Design



High School No. 12 Conceptual Design Image

High School Main Entry



High School No. 12 Conceptual Design Image

High School View from Mason Road



Elementary School No. 55 Conceptual Design Image

Elementary School Main Entry



QUESTIONS