Carrollton-Farmers Branch ISD Cfb BOND DOLLARS AT WORK



Vivian Field Middle School



Huckabee

MORE THAN ARCHITECTS

improvements

ARCHITECT 5830 Granite Parkway, Suite 750

Plano, Texas 75024

www.huckabee-inc.com

- Collaboration Spaces
- Exterior Upgrades
- Interior Upgrades
- Fine Arts & performance space improvements
- Mechanical, Electrical, Plumbing, Systems
- Landscaping Improvements
- Athletic Track Improvements
- New marquee (in future MS pckg)

Safety and Security

- Access Controls/Card Readers
- o Video Intercom
- o New Camera System
- O Intrusion Alarm
- Lockdown Button
- Fire Alarm System Upgrade



- Cabling
- Public Announcement System
- Bells
- Clocks

cfbbond.com



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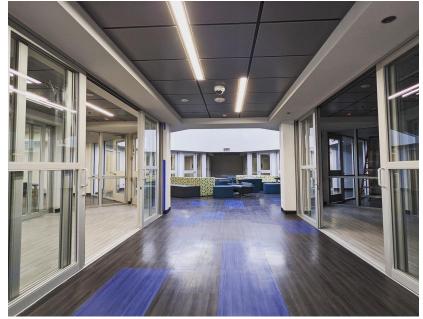




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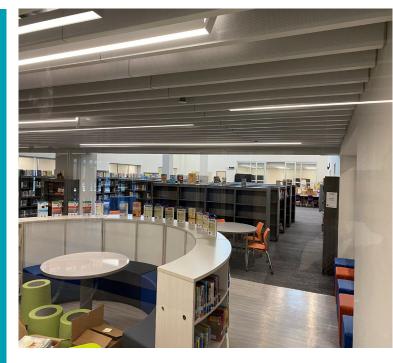








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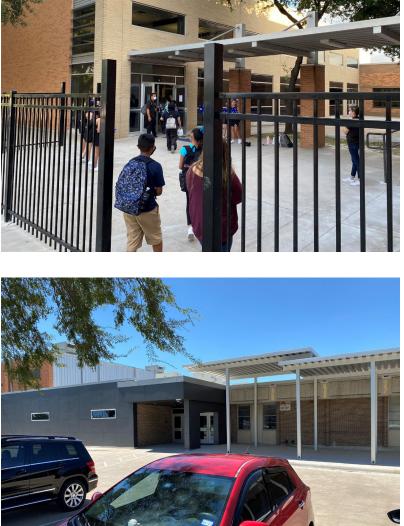




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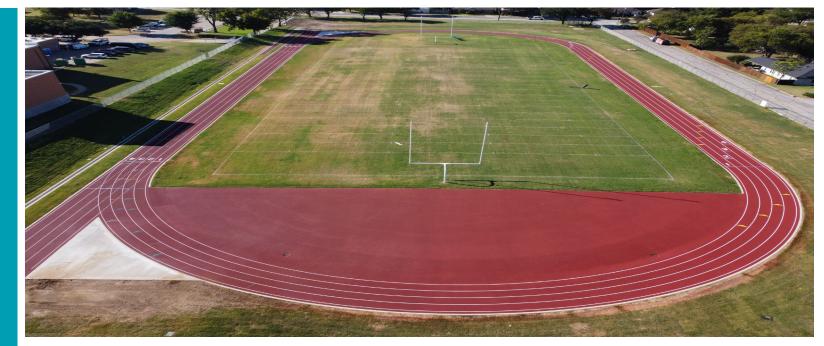








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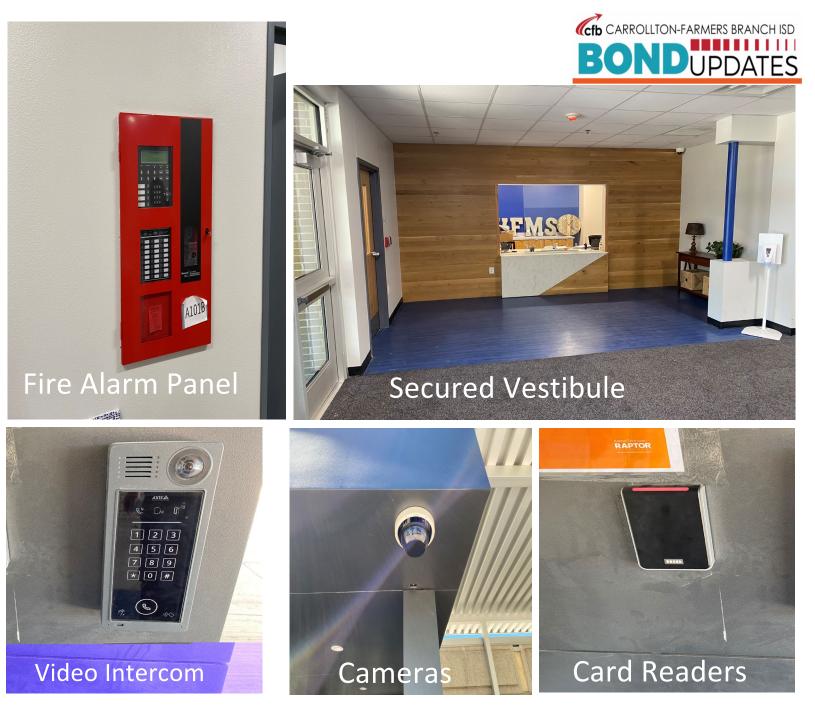






- o Access Control
 - Video Intercom
 - Card Readers
 - New Camera System
 - o Intrusion Alarm
- Fire Alarm System Upgrades
- New Security Vestibule

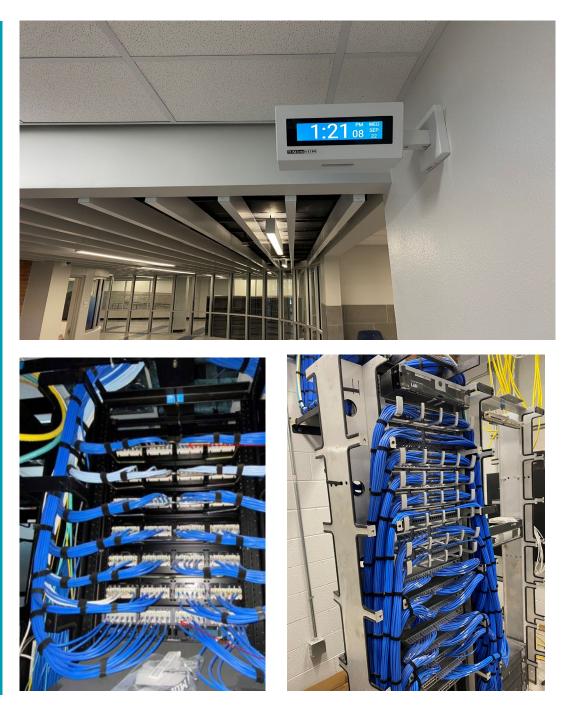






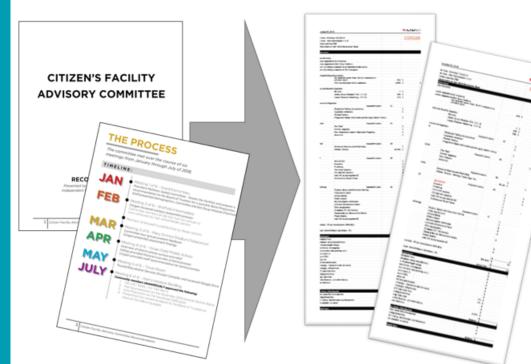
Technology

- Cabling
- Public Announcement System
- o Bells
- Clocks









CFAC RECOMMENDATIONS

PROMISES MADE

PROMISES



All IN \$350.8 MM - CONSTRUCTION \$273.1 MM

ALL CFBISD SCHOOLS \$189.7m



Bring all CFBISD facilities to a minimum assessment score of 85* Mechanical, electrical and plumbing (MEP) Collaboration Roofs, Exteriors and Finishes etc.

Site



Building Element	Type/Material F	Prior Condition	Current Condition	Prior Description	Prior Comments	2020 Reno Comments
On-Sito Utilitios & Drainago						1
Site Drainage / Ergrign Control		Fair		Minorsigns of orosion & ponding water.	Major warhout NE corner, erarion adjacent to building inseveral locations	
Site Lighting - Parking Lotr		Fair	Gaad			repleed new LED site lite fixtures
Exterior Concrete Padr & Pavement-Arou	ind building, mecha	Gaad	Gaad			
Fire Hydrants / Utility Vaults / Mirc.		Fair	Fair			
Greare Trap		Fair	Fair		l	I
5ite Parking & Driver	_				1	
Pavement - Roads / Drives / Parking Area		Fair	Gaad	Minor to Moderate cracking visible, jointsealer shouing minorsigns of usar. Little to no heaving.	Poor condition at NW part of site	paved new parking log, new fire land and drive t be installed December
r doement - nadar r brioter r r dreing Area	· •			Minor to Moderate cracking visible, jointsealer	r aar canalcian actim parcarsice	be installed December
		Fair	Fair	showing minor signs of wear. Little to no heaving.		
Firo Lanos				Striping in fair condition.		
				Minor to moderate signs of age and deterioration		
		Fair	Gaad	butstill visible. Handicappedspaces incorrectly		
Striping - Parking lot and fire lane				markedarstriped.		tabe completed by November
		Fair		Minor to moderate signs of age and deterioration,		
Curbs				no major damago.		
Site Lighting				Very few fixtures have minor damage or are not		
Site Lighting		Fair	Gaad	uorking. Lighting ir adequate for security.		replaced wall packs with LED
Site Security	_					
	umany camerar?					
		Fair	Gaad	Little to no damage to material, poles & gates.		replaced field fencing and newsite fencing alor
Chain Link Foncing / Gator				Somesigns of age.	Starting to rurt in arear	courtyard
Mire. Stucturer					I	I
Material: Site Walls - Rotaining / Screen	_	Fair		Little to no damage, minorsettling, rotation and		
Site Walls - Rotaining / Screen	Stano			signs of age.		
		Fair	Fair	Moderate to Minorsigns of damage to dumpster walls, may need a refresh of finish paint if		
Dumpstor Sorvico Aroa				applicable and additional bollardr. Gater	No enclorure	
				Minor to moderate signs of age and deterioration		
Bollardr Material:	Stool	Fair		butstill visible.		
Site Signage - Directional / Handicapped		Fair	Gaad		Need van accessible, currentspots on too much	neu accessible spots installed at neu entrance
Mire. Site work / Site Structures		Fair	6==4		Athletic buildings, bleachers showing wear and	bloachors have been removed
Circulation	_					
		Gand	Gaad	Clean and clear of cracks or heaving. Joint		
Sidowalka				Sealer ir properly in place.		
		Fair	Gaad	Little to nosigne of cracke or heaving. Joint Sealer has minor wear. Rise and Run is compliant.		
Stairs				Handrails (if prozent) are compliant & finish is in		uill be replaced in December
				Little to no signs of cracks or heaving. Joint		
		Fair	Gaad	Sealer har minor wear. Slope ir compliant.		
Bampr				Handrails (if prozont) are compliant & finish is in		uill be replaced in December
ADA Compliance / Accessiblity						
Compliant Sidewalkr/Curbs		Gaad	6==4			
		Fair	Gaad		Mirring handrailr in arear, current need repaint,	
Compliant Ramps & Handrails					ramps have incorrect landingsize	uill bo roplacod in Docombor
	Scored Categories	21	21			
	-			1		
	Good	3	13			
	Fair	18	8			
	Fair		-	Aggregate Score:	72	87
	Peer	0	0	Aggregate ocore.	12	

0

N/A

0

ALL CFBISD SCHOOLS \$189.7m



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Mechanical, electrical and plumbing (MEP) Collaboration

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Exterior



Building Element	Type/Material	ior Conditio	ment Condi	Prior Description	Prior Comments	2020 Reno Comments
Building Structure/Foundation Foundation T		Gaad	Gaad	Nosigns of cracking or heaving.	1	
Foundation I Substructure-Slab-on-Grade	ypo: Craulspaco	Geed		Mosigns of cracking or heaving.		
Baromont / Bolow Grado Extorior W	alla	Fair	Fair			
Mircellanour	315					
Superstructure		L	•			
Fireproofing						
Pro-Engineered Metal building						
Building Exterior Shell			•			
Reafing	old-built up roof, n	OTEM				
				Roofingsystem is still within it's expected weful		
		Gaad	Gaad	lifespan. No active leaks reported. No ponding		
				are ar visible. Sealants and flashings are		
General Roof Condition (Virual Insp	oction)			maintained and in good condition.		
Roof Warranty Statur				Yalid		
Roofing Manufacturer / Warran				ald- Johns Manville, new-Hylaad Armka		
Years Remaining in Warranty Pe	riad			old-9 years out of warranty, new-13 years		
Skylightr		Fair	Gaad			romavod
Roof Curbs / Openings / Mirc.		Gaad	Gaad		1	
Extorior Walls	-				1	
Exterior Wall Material Mate	rial: Brick	Gaad	Gaad	Veneer is free of cracks, signs of settling, rotation or damage.	1	
Exterior Wall Material Mate Building Caulking/Sealant	rial: Brick	Peer	Peer	or damago. Majorsigns of wear or are missing.		
Building CaulkingrSealant				Damagod, worn, faded, corroded, orseverly		front ontrance painted, other arear for future
Exterior Painting		Paar	Fair	stained. Recommend new paint.		uork
Windour/Glazed Walls				standa, ribeaninghanda paint.		June 1
Window						
					New addition good, old section fair, steel	replaced steel carement with new windows and
Glazing T	ype: Single Pane	Fair	Gaad		carement window in poor condition	framer
Frame T				Minorscratches orsigns of wear.	· · · · · · · · · · · · · · · · · · ·	
Exterior Doors Systems						
Extorior Doors						
Frame T	ype: Aluminum Storefr	Gand	Gaad	Na virible damage, proper	New addition good, old section fair	
PanelT				weatherproofing/threshold apparent, door		
	ypo:	N/A	N/A	0		
Card Access Reader		Yes	Yes			
Deer Boll						
Peep Hale						
Canapies					r	
				No virible damage, proper weather coverage,		
		Gaad	Gaad	finishes are almost new in appearance. Nosigns		
	ypo: Attached to Buildi			afsettling ar mavement.		
Loading Area				No virible damage, no signs of settling or		
Raized Loading Dock		Gaad	Gaad	movement. Dock bumpers present and almost		
Independent Loading Area		N/A	NZA	n and a mark compositions on a single and a mark		
Mirc. Exterior				· · · · · · · · · · · · · · · · · · ·	1	
	rial: Motal	Gaad	Gaad	Almart new in appearance, no virible fading or		
Exterior Louvers / Sunscreens		N/A	N/A			
				•	•	
	Scored Categories	14	14			
	Good	8	10			
						1
	Fair	3	2	Aggregate Score:	76	83
	Peer	2	1	Aggregate ocore.	10	00
		3	3	1	L	
	N/A	3	3	1		

ALL CFBISD SCHOOLS \$189.7m



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Roofs, Exteriors and Finishes etc.



ilding Element	Type/Materia	Prior Condition	Current Condition	Prior Description	Prior Comments	2020 Reno Comments
terior Finishes						
Interior Ceiling Finishes						
Acoustical Ceilings - 2x2 Tiles Scrubbable Fin	sh Yes	Good	Good	Almost new in appearance, no signs of sagging, damage, leaks, or stains.		
Acoustical Ceilings - 2x4 Tiles Scrubbable Fin	sh	Poor	Good	Major stains, leaks, sagging or damage, missing portions of ceiling.		replaced all 2×4 ceiling tiles
Plaster Ceilings	•	N/A	N/A	0		
Painted Gypsum Ceiling		Good	Good	Almost new in appearance, no signs of sagging, damage, leaks, or stains.		
Metal Ceilings		N/A	N/A	0		
Exposed / Painted Ceilings		N/A	N/A	0		
Soffit / Bulkhead Walls		N/A	N/A	0		
Special/Misc.		N/A	N/A	0		
Interior Floor Finishes						
Resilient Flooring - VCT		Good	Good	Almost new in appearance, no signs of damage or stains, properly sealed and		
Quarry Tile		Good	Good	Almost new in appearance, no signs of damage or stains, properly sealed and		
Ceramic Tile		N/A	N/A	0		
Terrazzo		Fair	Good	Minor signs of aging with minimal apparent stains or damage, may need to be resealed.		repalced with LVT flooring
Poured Resinous Epoxy		N/A	N/A	0		
Finish Concrete - (sealed)		N/A	N/A	0		
Carpet		Good	Good	Almost new in appearance, no signs of damage or stains, properly sealed and		
Natural Stone		N/A	N/A	0		
Wood		Good	Good	Almost new in appearance, no signs of damage or stains, properly sealed and		
Special/Misc.		N/A	N/A	0		
Interior Wall Finishes				•	•	I
Painted Gypsum Board - Full Height		Fair	Good	Minor signs of aging with minimal apparent stains, cracking or damage, may need minor touch up on finishes.	Repaint reg'd	repainted all campus
Painted CMU - Full Height		Good	Good	Almost new in appearance, no signs of damage, stains or cracking.		
Painted Gypsum Board + Tile Wainscot		Good	Good	Almost new in appearance, no signs of damage, stains or cracking.		
Full Height Tile		N/A	N/A	0		
PLAM		N/A	N/A	0		
FRP		N/A	N/A	0		
Wood Panels		N/A	N/A	0		
Interior Wall Base & Trim						
Rubber Base		Poor	Good	Major damage visible, missing portions of finish, requires partial or complete		replaced rubber base
Quarry Tile		Good	Good	Almost new in appearance, no signs of damage and properly installed.		
Ceramic Tile		N/A	N/A	0		
Terrazzo		Fair	Good	Minor signs of aging with minimal damage and properly installed.		covered with new base
Poured Resinous Epoxy		N/A	N/A	0		
Wood Base		N/A	N/A	0		

Interior



Bring all CFBISD facilities to a minimum assessment score of 85*

Mechanical, electrical and plumbing (MEP) Collaboration Roofs, Exteriors and Finishes etc.

Interior



Building Element	Type/Material	Prior Condition	Current Condition	Prior Description	Prior Comments	2020 Reno Comments
Wood Base		N/A	N/A	0		
Misc. Interior					•	•
Interior Door Systems						
Frame Type:	Hollow Metal	Good	Good	No visible damage, proper		
Panel Type:		GUUU	GOOG	weatherproofing/threshold apparent, door		
Interior Overhead Door/Grille Type:		N/A	N/A	0		
Specialty Doors Type:		Good	Good			
Millwork Cabinets		Good	Good			
Corner Guards Type:	Stainless Steel	Good	Good	Almost new in appearance.		
Interior Signage		Good	Good			
Digital Clocks		Good	Good			
Operable Partitions		N/A	N/A	0		
Marker & Tack Boards		Good	Good	No cracking or warping of the board surface.		
Projection Screens		N/A	N/A	0		
A/V Equipment		Good	Good		Smart projector	
Lockers Required Number of Lockers:		Good	Good			
Provided Number of Lockers:		GOOG	GOOG			
Railings		Good	Good			
Elevator Cab Finishes		Fair	Fair			
Wireless Access Number of Data Drops:						
Toilet Partitions Material Type:	Plastic	Fair	Good			all replaced
Toilet Accessories		Good	Good	Almost new condition, proper installation.		
Interior Window Blinds/Shades Type of Blinds:	Metal					
Type of Shades:		Poor	Good	Severely damaged or missing sections, motor		
Operation:	Manual			does not function (if applicable).	Poor in old parts of the building	all blinds replaced with mecho shades
Food Service Area						
Equipment Condition		Good	Good			
Digital Menu Boards		N/A	N/A	0		
Restrooms open to Kitchen?		No	No			
Drinking Fountains in Cafeteria?		No	No			
Accessibility						
Restrooms		Good	Good	Compliant		
Drinking Fountains		Fair	Good	Few compliance items	Drinking fountains in old parts of bldg do not	replaced with new bottle fillers
Ramps		Good	Good	Compliant		
Signage		Good	Good	Compliant		
Doors		Good	Good	Compliant		
Millwork		Good	Good	Compliant		
\$	Scored Categories	5 37	7 37			
	-					
	Good	26	34			
		-				
	Fair	6	1	Aggregate Score:	84	94
	Poor	3	0	Ayyreyate Score.	04	34
			21		L	
	N/A	21	21			L

ALL CFBISD SCHOOLS \$189.7m



Bring all CFBISD facilities to a minimum assessment score of 85*

Mechanical, electrical and plumbing (MEP) Collaboration

Roofs, Exteriors and Finishes etc.



Vivian Field MS

AGE: 58 YEARS 182,525 SF

ITEM	DESCRIPTION	DESCRIPTION		CURRENT
OPERATIONAL, SYSTEMS & CODE DEFICIENCIES	Assessed Scope	Performed Scope	PRIOR GRADE	
HVAC	Task: Replace Trane and York DX packaged rooftop units installed 1991-2000	Scope performed		
EMCS	Task: Replace thermostat controls system. Cost included in 1991-2000 Trane, York replacement.	Scope performed	75	95
PLUMBING	Task: Replace AO Smith 66-gallon electric water heater installed in 1998.	Scope performed		
	Task: Replace (2) State 99-gallon natural gas water heaters installed in 2006	Scope performed	80	95
	Task: Replace poor condition water fountains. Provide electric water coolers with bottle fillers.	Scope performed		
ELECTRICAL SYSTEM	Task: Replace General Electric and Zinsco electrical distribution equipment.	Scope performed	70	99
INTERIOR LIGHTING	Task: Provide tunable lighting for special education classrooms. Task: Replace metal halide fixtures in gym with LED	Not in scope.	80	80
	fixtures.	Not in scope.		50
EXTERIOR LIGHTING	Task: Replace all existing exterior wall packs with LED fixtures	Scope performed	80	99
	Task: Renovate all exterior parking lot lighting to LED.	Scope performed	30	39
FIRE ALARM SYSTEMS	Task: Replace fire alarm system.	Scope performed	75	99
FIRE PROTECTION SYSTEM	Task:		95	95
OTHER	Task: Provide digital margue. Provide power and connectivity. Task: Replace cooler/freezer units.			
TOTALS			78	95



ALL CFBISD SCHOOLS \$189.7m



Bring all CFBISD facilities to a minimum assessment score of 85* Mechanical, electrical and plumbing (MEP)

Collaboration Roofs, Exteriors and Finishes etc.



Field MS Technology and Security Status

System	Possible Score	Corgan Score (2018)	TNCG Score (2021)	Notes
Cabling Infrastructure	10	8	8	
Local Area Network	15	11	14	
Wireless LAN	15	11	14	
Unified Comm (Phone) System	10	7	10	
Video Management System	10	5	10	
Public Address	10	6	10	
Premise Access Control	10	7	10	
Intercom System	5	5	5	
Special Space AV	5	5	5	
Instruction Space Presentation	10	10	10	
Total Score	100	75	96	

Technology

ALL CFBISD SCHOOLS \$189.7m



Bring all CFBISD facilities to a minimum assessment score of 85* Mechanical, electrical and plumbing (MEP) Collaboration

Roofs, Exteriors and Finishes etc.

Vivian Field MS Assessment

Site : 72 Exterior: 76 Interior: 84 MEP: 78 Technology: 75

Score: 77

PROMISES MADE PROMISES KEPT After Bond Improvements

Site : 87 Exterior: 83 Interior: 94 MEP: 95 Technology: 96

Score: 91



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THANK YOU

