

Construction Safety Plan  
Florence ES Rebuild

<b>Project Overview</b>	<b>3</b>
<b>Project Duration</b>	<b>3</b>
<b>Key Contacts</b>	<b>4</b>
<b>Construction Site Typical Working Hours</b>	<b>5</b>
<b>School Utilization</b>	<b>5</b>
<b>Site Safety Overview</b>	<b>5</b>
Construction Site Limits/Security	5
Parking Areas for Construction, School Staff, and Public	5
Key Access Points (Construction Vehicles, Buses, Public)	6
School Evacuation Plan Assembly Areas	7
<b>COVID-19 Contractor Safety Protocol</b>	<b>8</b>
<b>Contractor Use of Keller ISD Facilities</b>	<b>8</b>
<b>Construction Site Access &amp; Personal Protective Equipment (PPE)</b>	<b>8</b>
<b>Construction Site Hazards and Mitigation Measures</b>	<b>9</b>
Dust and Debris	9
Noise	9
Fumes	9
Falling Equipment and Materials	9
Struct-by Hazards (Vehicles & Construction Equipment)	9
Disruption of Fire Suppression Systems, Alarms or Obstructed Emergency Exits	9
Chemical Exposures (Paints, Glues, Varnishes, Floor Strippers, Urethanes, Roofing Materials)	10
Asbestos Mitigation	10

## **Project Overview**

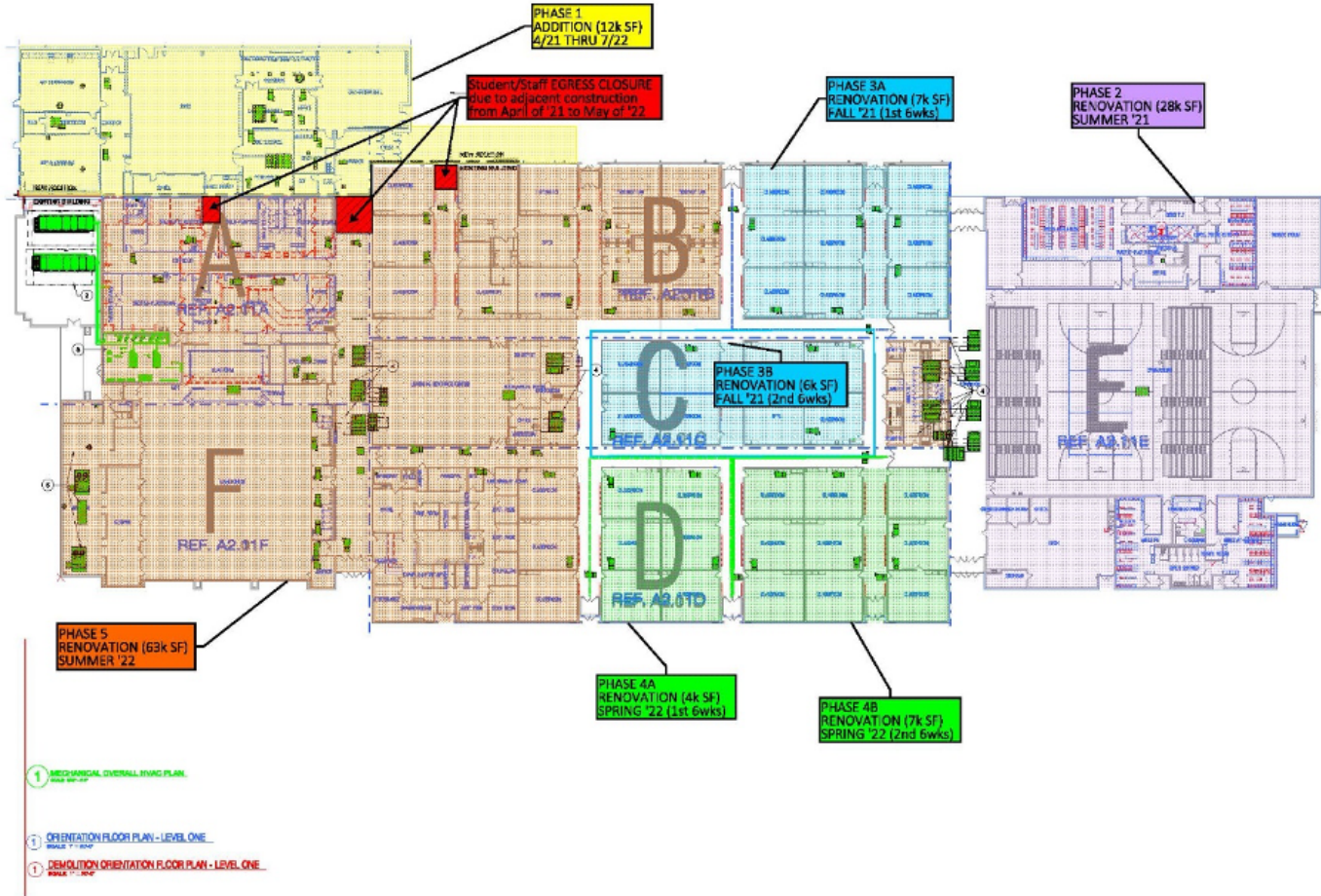
The Fine Arts addition and renovation of Fossil Hill Middle School was identified as a high priority item within the Long-Range Facility Plan that was approved by the Board of Trustees in May 2019. The addition and renovation was included in the Bond Election that was approved in November of 2019.

The project includes five (5) distinct phases. The first phase includes construction of a 12,686-square-foot Fine Arts addition, installation of construction fencing, temporary bus egress, portable classrooms and placement of the construction trailer and construction materials laydown area. The second phase of construction includes renovations to the gymnasium and locker rooms. Phases 3A, 3B, 4A, 4B, and 5 include renovations to select classrooms and administrative spaces.

## **Project Duration**

Please refer to the Project Phasing Plan (Figure 1 below) for details on each phase of the project. Phase 1 includes the Fine Arts Addition and is scheduled to commence construction on April 21, 2021, and is anticipated to be completed July 2022. Phase 2 includes renovations to the gymnasium and locker rooms which will be completed over the 2021 Summer Break. Phase 3A includes renovations to six (6) classrooms and will commence in August 2021 and be completed October 2021. Phase 3B will commence in October 2021 and includes renovations to seven (7) classrooms and a hallway, scheduled to be completed December 2021. Phase 4A includes renovations to six (6) classrooms and a hallway and will commence in January 2022 and be completed March 2022. Phase 4B includes renovations to six (6) classrooms and a hallway and will commence in March 2022 and be completed May 2022. Phase 5 includes renovations to the cafetorium, existing fine arts spaces, mezzanines, admin, library, labs, and remaining hallways and will commence in June 2022 and be completed August 2022.

**Figure 1: Project Phasing Plan**



## Key Contacts

Paul Hughey and Harold Johnson are the KISD employees responsible and accountable to ensure the project is delivered successfully. Harold Johnson is the KISD Project Manager who is the day-to-day contact for the project and the main point of contact for the Principal, VLK team and BTC team. All onsite issues relating to the project should be directed to Davy Wright who is the BTC Superintendent for the project. All other project coordination will be directed through Rachel Epperson the VLK Construction Administrator to KISD for action.

NAME	ORGANIZATION	PHONE NUMBER
Paul Hughey	KISD, Director of Planning & Bond Management Services	O: 817-744-3971 C: 703-786-9904
Harold Johnson	KISD, Facilities Project Manager	O: 817-744-3996 C: 817-235-0194
Dr. NaMicha Williams	KISD, School Principal	O: 817-744-3050
Lloyd Condon	VLK, Project Director	O: 817-633-9612 C: 269-277-2776

Rachel Epperson	VLK, Construction Administrator	O: 817-633-1600
Britt Patterson	BTC, Project Manager	O: 682-722-8548
Davy Wright	BTC, Project Superintendent	O: 817-999-0336
Adam Shurtleff	BTC, Safety Director	O: 817-228-4604

## Construction Site Typical Working Hours

The BTC team will typically be working 7 a.m.-4 p.m. Monday-Saturday. BTC will coordinate their weekly construction schedule with the Principal to ensure there are no conflicts with planned campus activities.

## School Utilization

**School Hours:** 8 a.m. - 4 p.m.

**Drop-off and Pickup Times:** 7:40-8 a.m. & 3:55-4:15 p.m.

**Weekend Hours:** 8 a.m.-4 p.m.

**After-School Programs Hours:** 4-6 p.m.

**Summer Program Hours:** 8 a.m.-3 p.m.

**Schoolwide Testing Dates:** April 6, 2021; May 6-7, 2021; May 11-2, 2021

## Site Safety Overview

### Construction Site Limits/Security

Figure 2 below indicates the construction site limits for the project. The entire construction site is secured with fencing indicated in red dashed line. BTC will maintain a construction office on the west side of the school just outside of the construction fencing. BTC will maintain material laydown, and parking areas within the fenced areas of the construction site.

### Parking Areas for Construction, School Staff, and Public

A very limited amount of construction vehicles will be allowed to park in the far west parking lot adjacent to the construction trailer as indicated in Figure 2. Visitors with a pre-coordinated visit to the construction site shall park adjacent to the construction office. All remaining parking spaces on the campus are for staff and visitors.

## Key Access Points (Construction Vehicles, Buses, Public)

Construction vehicles and equipment will be limited to one access point off of Buttonwood Drive just north of Spindletree Lane as indicated in Figure 2. KISD staff, buses and visitors should utilize the existing access points surrounding the campus but should be aware that access to the rear of the campus is extremely limited for the duration of the project.

Figure 2: Construction Site Limits





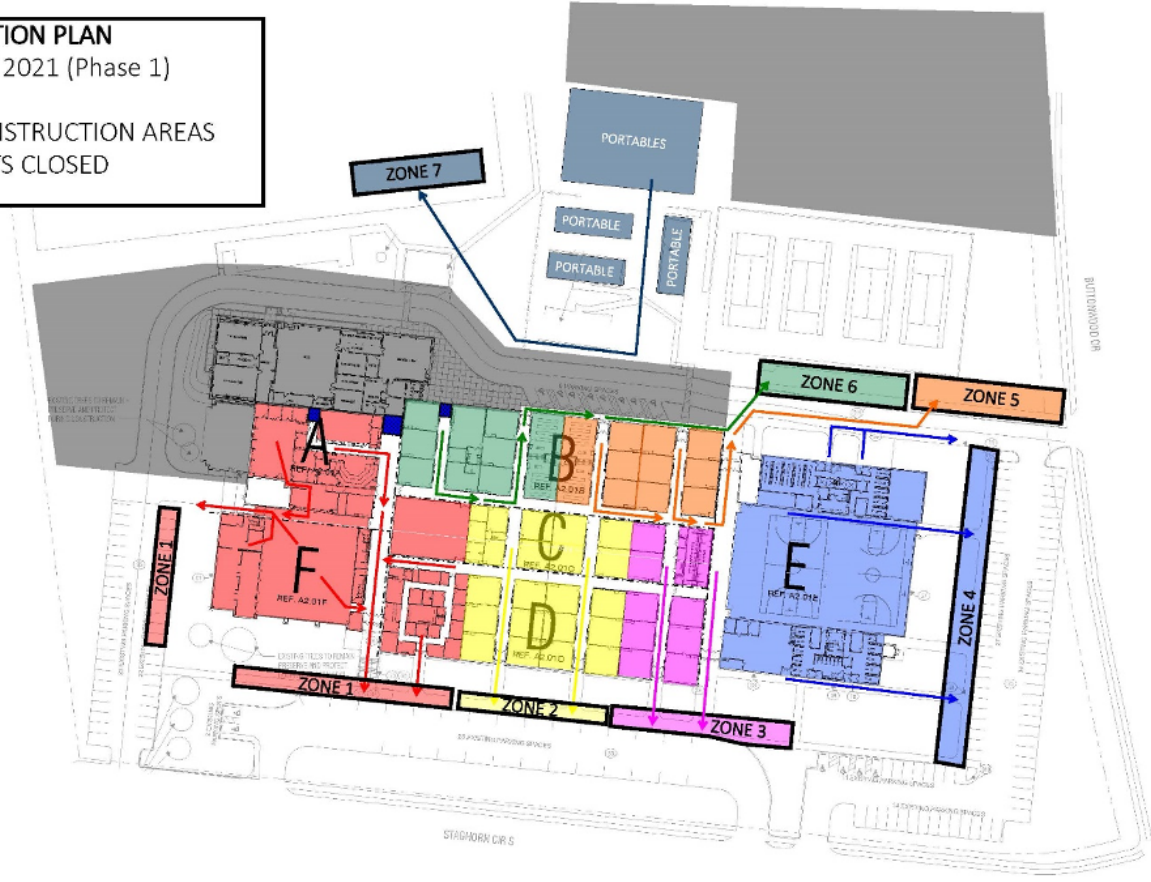
# School Evacuation Plan Assembly Areas

In the event there is a need to evacuate the school, students will exit the building and assemble in the zones highlighted on Figure 3 below. The Principal will notify the BTC Superintendent of any school emergencies to ensure everyone's safety.

Figure 3: Site Evacuation Plan

**EVACUATION PLAN**  
Spring of 2021 (Phase 1)

- CONSTRUCTION AREAS
- EXITS CLOSED



## **COVID-19 Contractor Safety Protocol**

Keller ISD requires all workers to log into the KISD health screening site before reporting to work each day.

The link to the screening and logging form is [www.KellerISD.net/Screening](http://www.KellerISD.net/Screening) or the adjacent QR code can be scanned.



It is BTC's responsibility to notify VLK's CA each day that this has been completed and any failed screening instances will be reported to VLK and Keller ISD immediately. All contractors who require access into a KISD facility shall wear a face covering and an access request should be coordinated in advance with the VLK construction administrator and KISD project manager.

Any contractor who is caught not following the protocol will be issued a one-time warning. A second occurrence will result in removal from the project.

## **Contractor Use of Keller ISD Facilities**

All BTC employees and sub-contractors are prohibited from utilizing school facilities during construction, except when there is a project-specific need that has been properly coordinated through the VLK construction administrator and the KISD project manager.

## **Construction Site Access & Personal Protective Equipment (PPE)**

Any Keller ISD employee who has a project-related business need to access the construction site shall coordinate the day and time of the access with the KISD Project Manager who will contact the VLK Construction Administrator to arrange for the site visit. Visitors shall always check in with the BTC Project Superintendent at the BTC Construction Office and follow their instructions at all times. Visitors are required to wear the following PPE while on site:

- Hard hat;
- Close toed shoes;
- Safety vest;
- Safety glasses.



# **Construction Site Hazards and Mitigation Measures**

## **Dust and Debris**

BTC will maintain dust control on the site daily by watering disturbed areas or provide ground cover, as required. Construction-related debris removal will be the responsibility of BTC and will be disposed of in authorized dumpsters. All items will be completed in compliance with the site-specific storm water pollution prevention plan.

## **Noise**

BTC will perform construction activities in accordance with the city work-hour requirements. BTC will make every effort to limit noise generated from construction activities, especially when related to school testing days.

## **Fumes**

BTC will maintain a full safety data sheet file and will work to limit construction related fumes. BTC will also maintain all state requirements of fume exposure provided by the Texas Commission on Environmental Quality.

## **Falling Equipment and Materials**

BTC maintains a full site safety manual and encloses all sites with construction fencing and gates which will be constantly monitored and controlled. This manual includes requirements of all construction personnel to complete job hazard analysis worksheets to identify potential hazards and proactively find solutions to limit exposure of construction personnel/public community to safety hazards.

## **Struct-by Hazards (Vehicles & Construction Equipment)**

BTC develops a site utilization map which controls site entry points, laydown locations for materials, and signage to control construction traffic in and around the construction site. BTC also works with neighboring schools and city requirements for delivery times of material and equipment. All oversized loads will meet TXDot hauling requirements and will be guided into the jobsite by BTC.

## **Disruption of Fire Suppression Systems, Alarms or Obstructed Emergency Exits**

BTC monitors closely all life safety systems. These systems shall only be disrupted when buildings are not occupied and when properly coordinated with Keller ISD staff and the corresponding city code officials.

## **Chemical Exposures (Paints, Glues, Varnishes, Floor Strippers, Urethanes, Roofing Materials)**

Safety Data Sheet (SDS) books from each trade will be provided to the jobsite and available upon request. Additionally, BTC maintains all chemical exposures within the construction fencing and the operations of all construction activities. All chemicals are stored in secure areas in accordance with the manufacturer's requirements. All removal of chemicals will be conducted in accordance with city, state, and federal requirements.

## **Asbestos Mitigation**

BTC reviews all projects for the possibility of asbestos certain materials. Asbestos removal operations will only be completed with certified specialists and under strict Texas Department of Licensing and Regulation guidance. All monitor and clearance is a requirement before areas are turned over. All asbestos-containing materials are sealed and removed from the site, as required by law.