



**SAN MATEO COUNTY SCHOOLS  
INSURANCE GROUP**

*—A Public Entity—*

## **Winter Season Protocol**

### **San Carlos**

**1200 Industrial Road San Carlos, CA 94070**

#### **District School Sites:**

Charter Learning Center

750 Dartmouth Avenue San Carlos, CA 94070-1769

Arroyo Upper Elementary

1710 Arroyo Avenue San Carlos, CA 94070-3807

Arundel Elementary

200 Arundel Road San Carlos, CA 94070-1945

Brittan Acres Elementary

2000 Belle Avenue San Carlos, CA 94070-3730

Central Middle

757 Cedar Street San Carlos, CA 94070-3029

Heather Elementary

2757 Melendy Drive San Carlos, CA 94070-3604

Mariposa Upper Elementary

750 Dartmouth Avenue San Carlos, CA 94070-1769

San Carlos Student Services Preschool

1200 Industrial Road, Unit 9 San Carlos, CA 94070-4129

Tierra Linda Middle

750 Dartmouth Avenue San Carlos, CA 94070-1769

White Oaks Elementary

1901 White Oak Way San Carlos, CA 94070-4747

Updated May 21, 2021

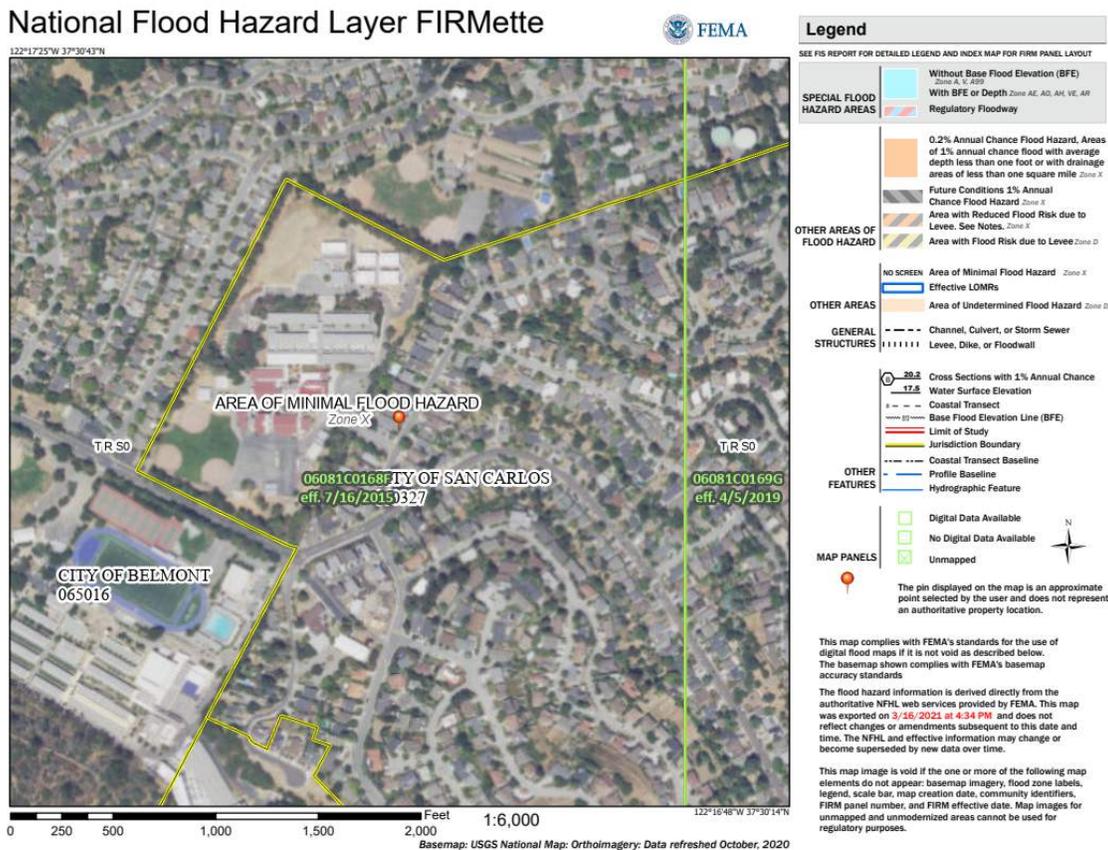
# FEMA Flood Map Legend

PIN	 <p>Approximate location based on user input and does not represent an authoritative property location</p>	<p><b>SPECIAL FLOOD HAZARD AREAS</b></p>  Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>  With BFE or Depth  Regulatory Floodway <i>Zone AE, AO, AH</i>
MAP PANELS	 Selected FloodMap Boundary  Digital Data Available  No Digital Data Available  Unmapped	 0.2% Annual Chance Flood Hazard, of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile  Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> <b>ST</b>  Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS	 Area of Minimal Flood Hazard <i>Zone X</i>  Effective LOMRs  Area of Undetermined Flood Hazard  Otherwise Protected Area  Coastal Barrier Resource System Area	<p><b>OTHER AREAS OF FLOOD HAZARD</b></p>

OTHER FEATURES	 <b>20.2</b> Cross Sections with 1% Annual Chance Water Surface Elevation  <b>17.5</b>  Coastal Transect  Base Flood Elevation Line (BFE)  Limit of Study  Jurisdiction Boundary  Coastal Transect Baseline  Profile Baseline  Hydrographic Feature
GENERAL STRUCTURES	 Channel, Culvert, or Storm Sewer  Levee, Dike, or Floodwall

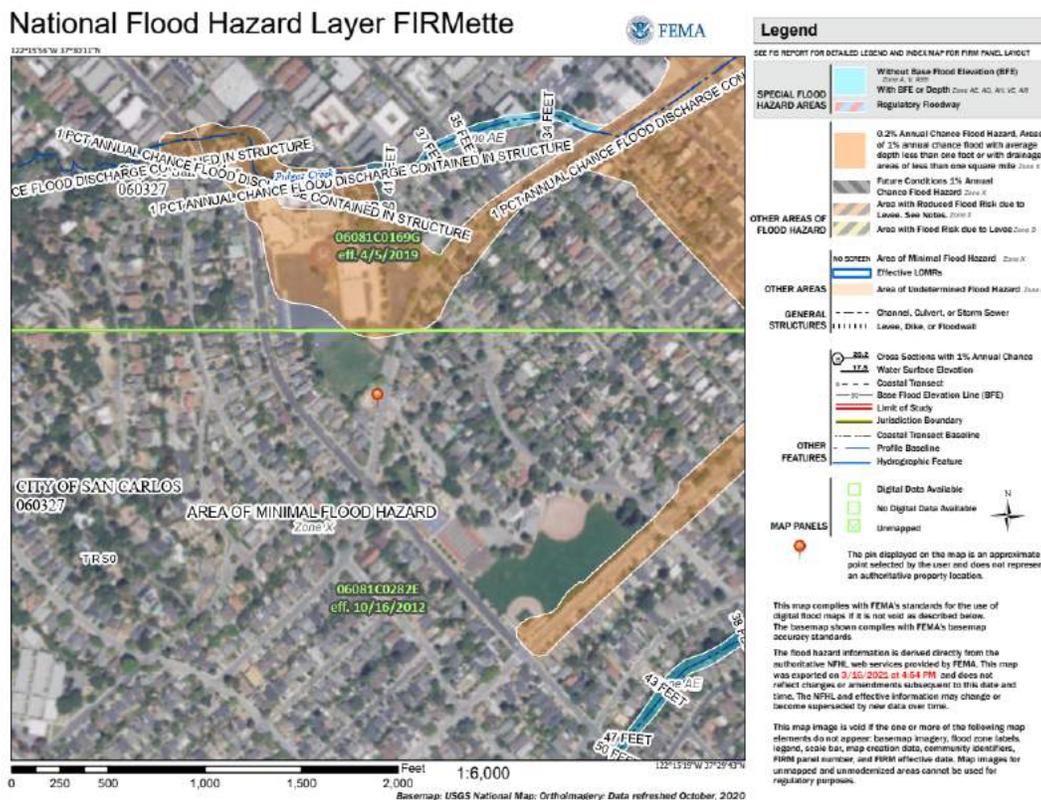
## Mariposa Upper / Charter Learning Center

Mariposa Upper is not located within a flood hazard zone, however, this does not indicate that the school is free from flooding. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any hazards like trip and fall hazards.



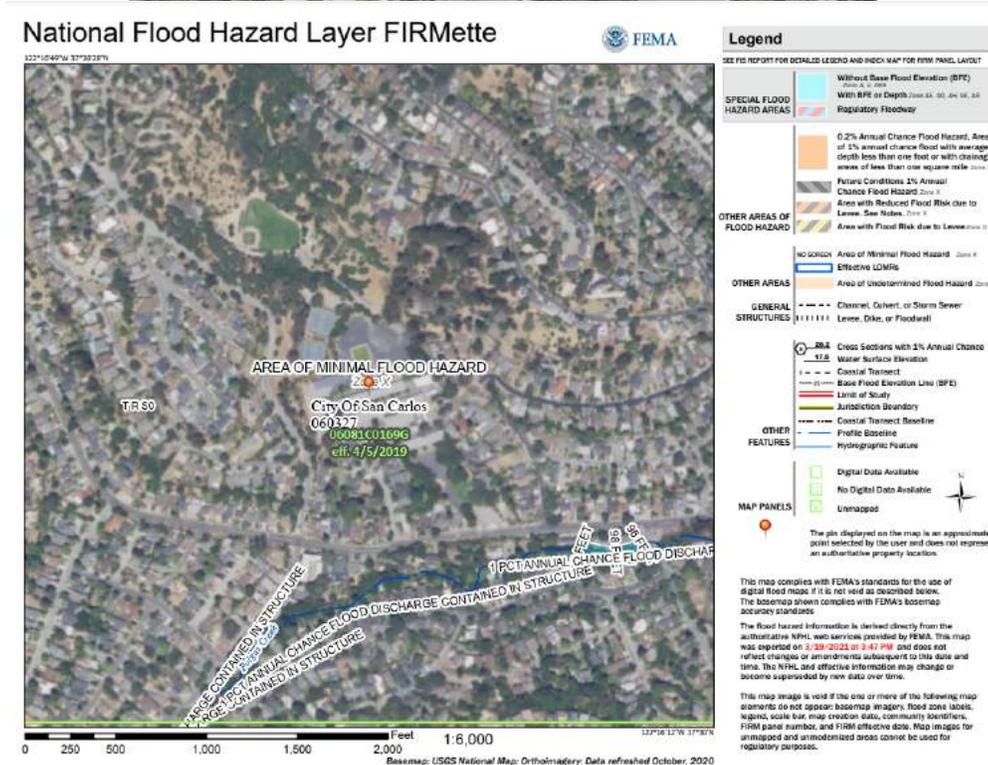
## Arroyo Upper Elementary

Arroyo Upper Elementary is not located within a flood hazard zone, however, this does not indicate that the school is free from flooding. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any hazards like trip and fall hazards.



## Arundel Elementary

Arundel Elementary is not located within a flood hazard zone, however, this does not indicate that the school is free from flooding. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any panel hazards like trip and fall hazards.



## Brittan Acres Elementary

Brittan Acres is not located within a flood hazard zone, however, this does not indicate that the school is free from flooding. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any hazards like trip and fall hazards.



### National Flood Hazard Layer FIRMette

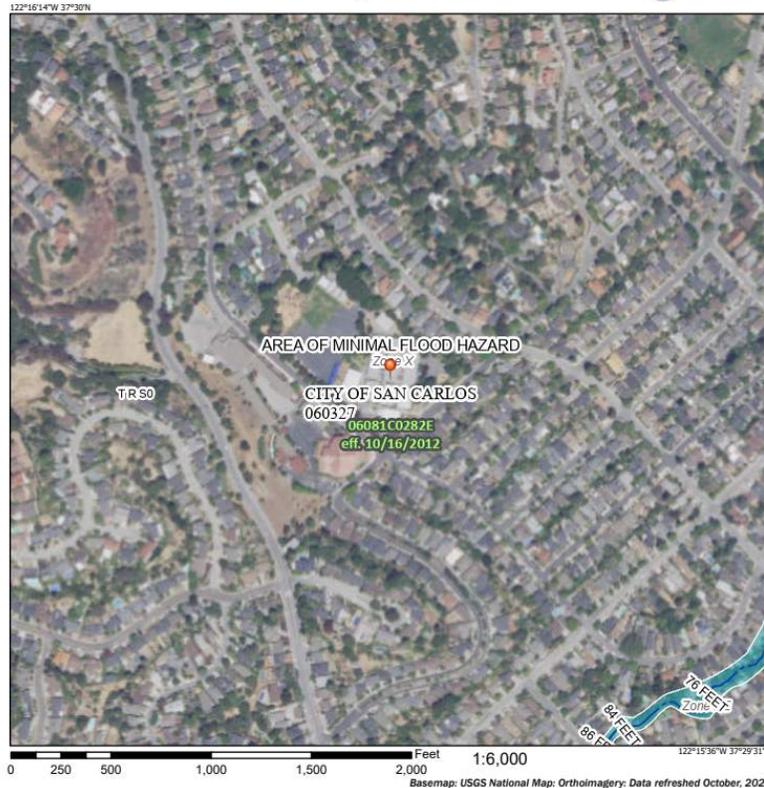


#### Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

<b>SPECIAL FLOOD HAZARD AREAS</b>	Without Base Flood Elevation (BFE) <i>Zone A, V, AE</i>
	With BFE or Depth Zone AE, AD, AH, VE, AR Regulatory Floodway
<b>OTHER AREAS OF FLOOD HAZARD</b>	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
	Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
	Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
	Area with Flood Risk due to Levee <i>Zone D</i>
<b>OTHER AREAS</b>	NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
	Effective LOMRs
	Area of Undetermined Flood Hazard <i>Zone D</i>
<b>GENERAL STRUCTURES</b>	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
<b>OTHER FEATURES</b>	Cross Sections with 1% Annual Chance
	Water Surface Elevation
	Coastal Transact
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transact Baseline
	Profile Baseline
	Hydrographic Feature
<b>MAP PANELS</b>	Digital Data Available
	No Digital Data Available
	Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



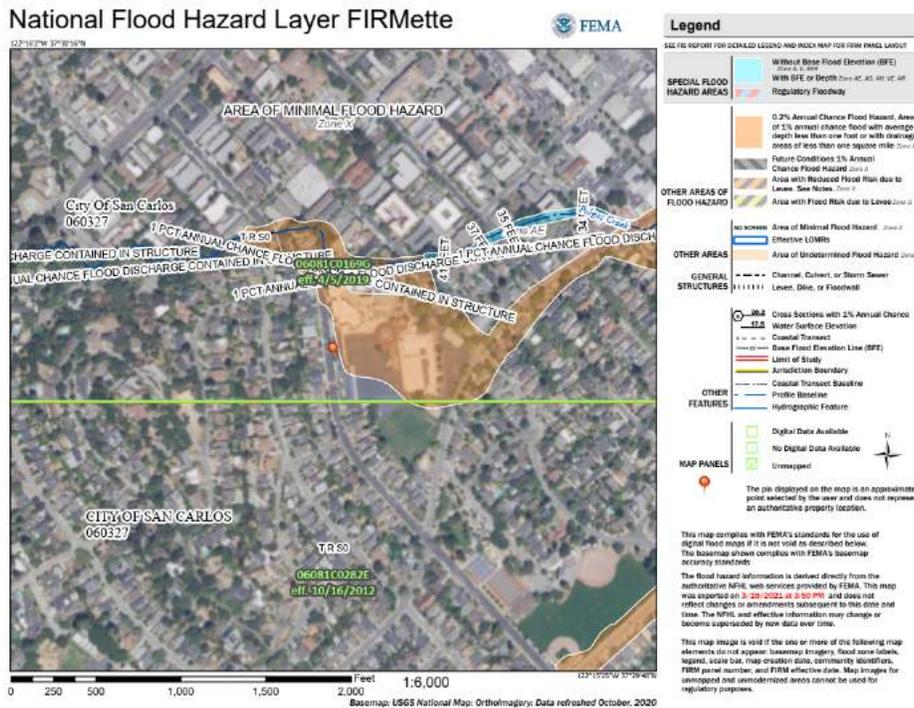
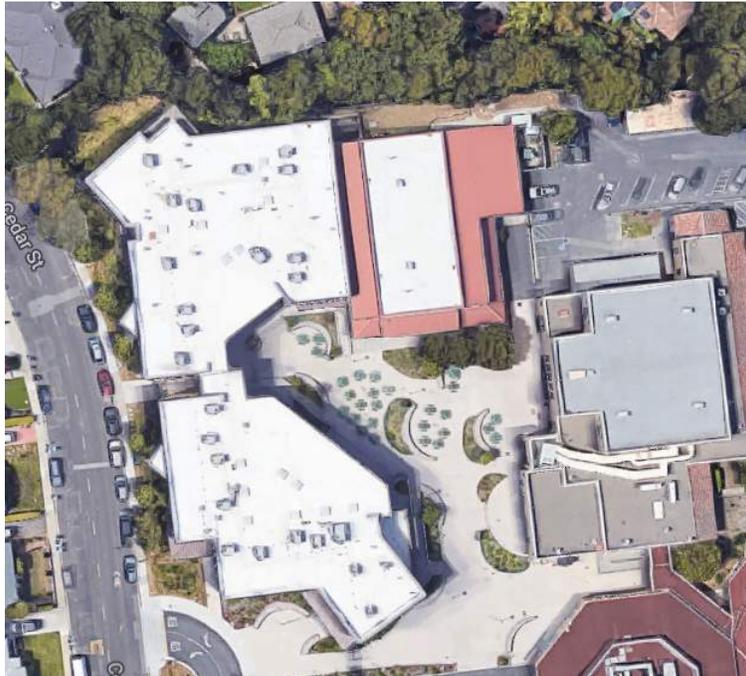
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/19/2021 at 3:49 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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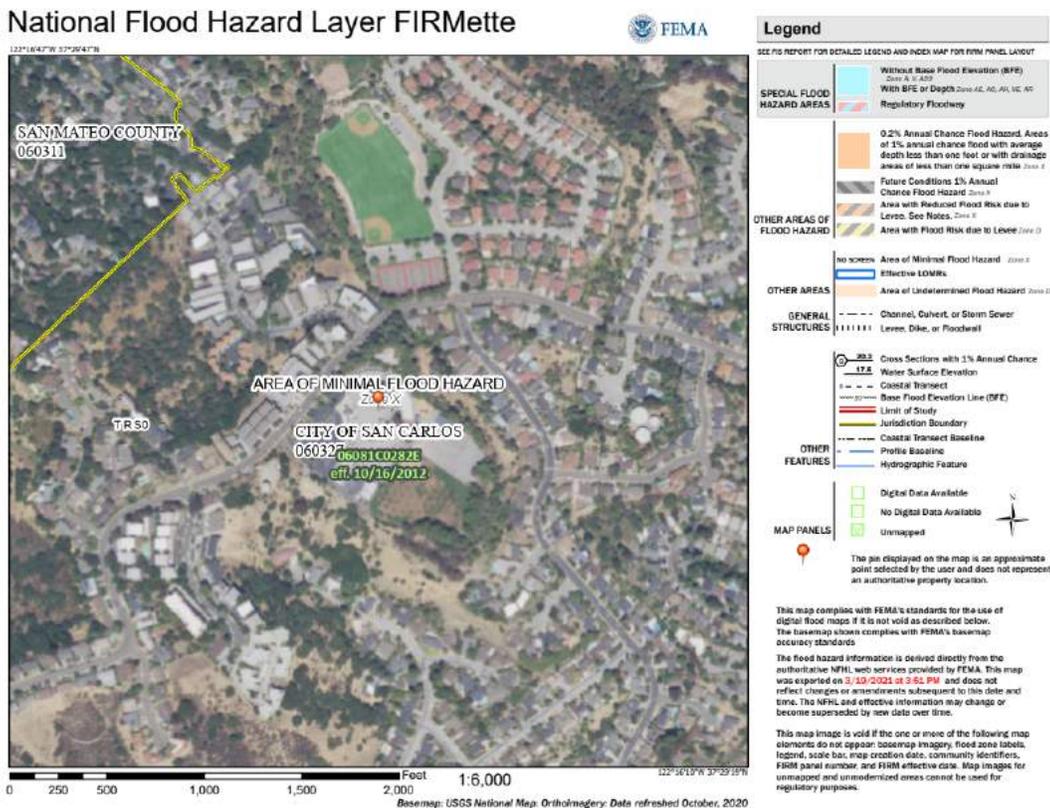
## Central Middle

Central Middle is located within a flood hazard zone. This indicates the school is located near or within the flood hazard zone. The school is more susceptible to flooding from a historic flood. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any hazards like trip and fall hazards.



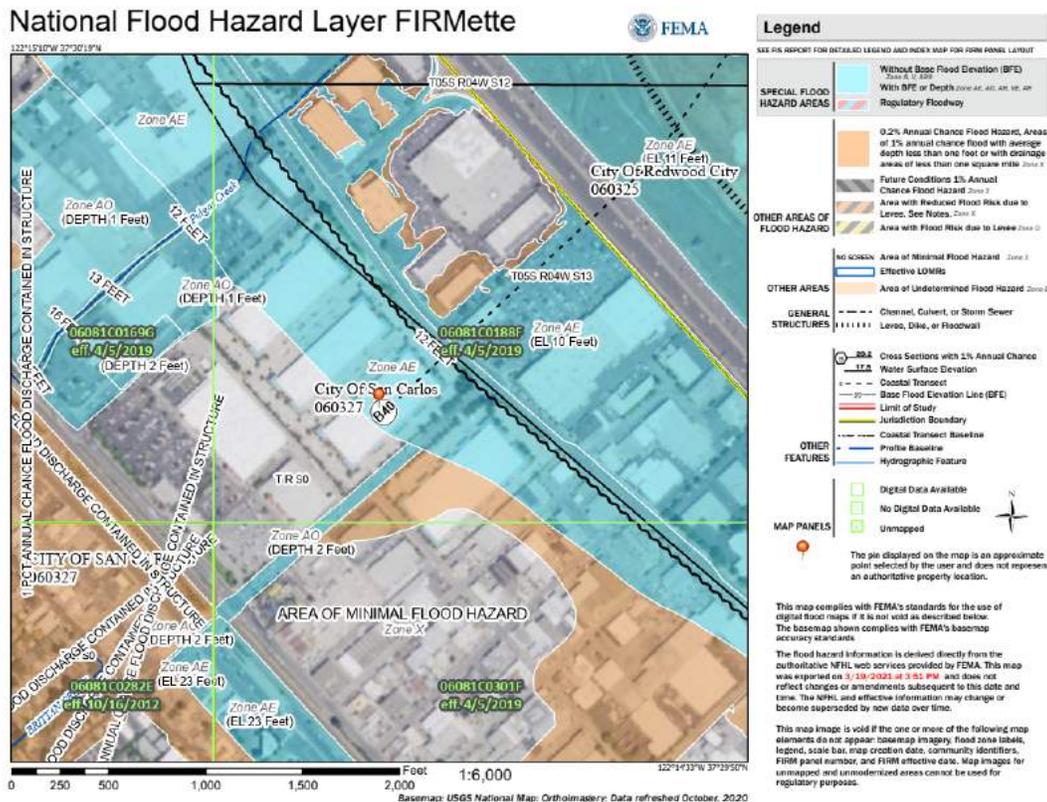
## Heather Elementary

Heather Elementary is not located within a flood hazard zone, however, this does not indicate that the school is free from flooding. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any hazards like trip and fall hazards.



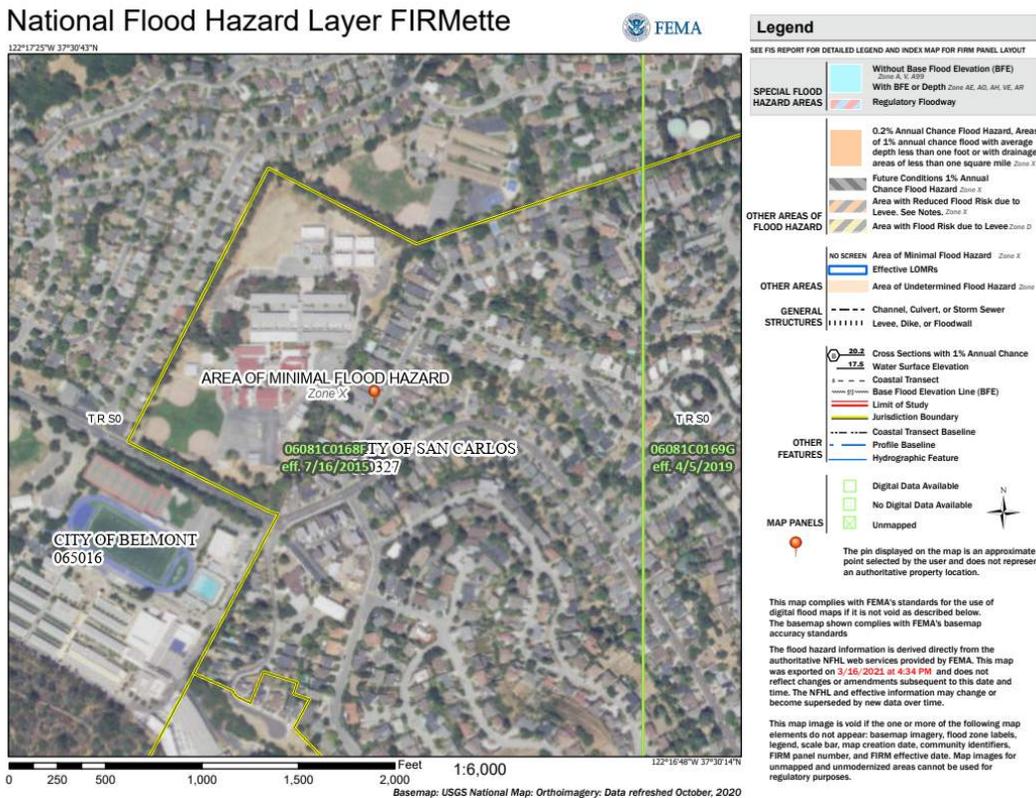
## San Carlos Student Services Preschool

San Carlos Student Services Preschool is located within a location without base flood elevation. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any hazards like trip and fall hazards.



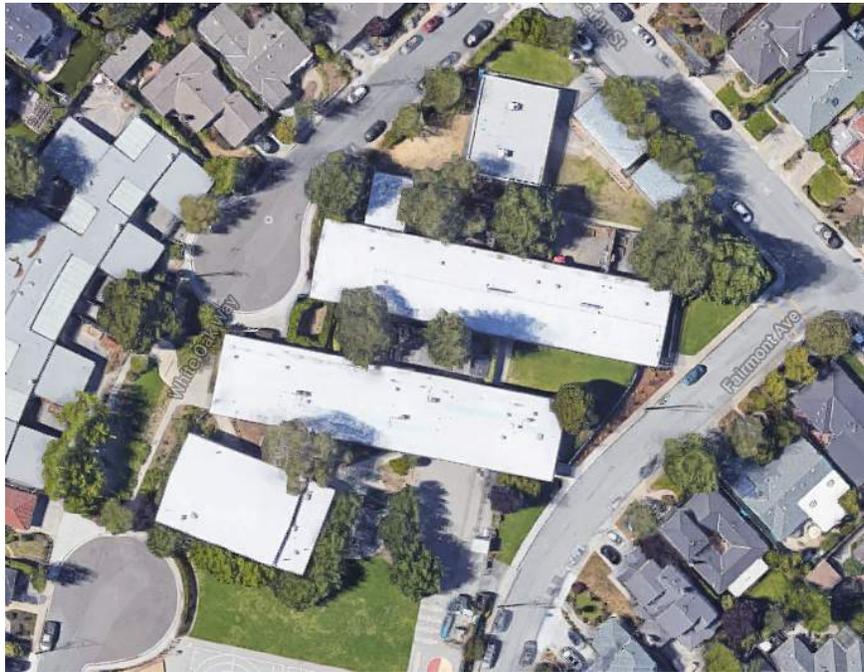
## Tierra Linda Middle

Tierra Linda Middle is located within a location without base flood elevation. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any hazards like trip and fall hazards.



## White Oaks Elementary

White Oaks Elementary is located within a location without base flood elevation. Schedule an arborist visit to inspect trees and plant life. Check buildings and roofing for deterioration and cracks. Clear school site from any hazards like trip and fall hazards.



### National Flood Hazard Layer FIRMette



#### Legend

SEE US REPORT FOR DETAILED LEGEND AND INDEX MAP FOR RIM PANEL LEVEL 1

- SPECIAL FLOOD HAZARD AREAS**
- Without Base Flood Elevation (BFE) Zone X, XE
  - With BFE or Depth Zone AE, AC, AV, VE, AH
  - Regulatory Floodway

- OTHER AREAS OF FLOOD HAZARD**
- 0.2% Annual Chance Flood Hazard, Areas of 2% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone F
  - Future Conditions 1% Annual Chance Flood Hazard Zone F
  - Area with Reduced Flood Risk due to Love. See Notes. Zone F
  - Area with Flood Risk due to Love. Zone F

- OTHER AREAS**
- NO SCREEN Area of Minimal Flood Hazard Zone X
  - Effective LOMRs
  - Area of Undetermined Flood Hazard Zone D

- GENERAL STRUCTURES**
- Channel, Culvert, or Storm Sewer
  - Levee, Dike, or Floodwall

- OTHER FEATURES**
- Cross Sections with 1% Annual Chance Water Surface Elevation
  - Coastal Tronsect
  - Base Flood Elevation Line (BFE)
  - Limit of Study
  - Jurisdiction Boundary
  - Coastal Tronsect Baseline
  - Profile Baseline
  - Hydrographic Feature

- MAP PANELS**
- Digital Data Available
  - No Digital Data Available
  - Unmapped

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### **Items recommended to be completed in July**

#### Building/Surfaces:

- Inspect campus sidewalks, playgrounds & paved areas.
- Identify and address trip/fall hazards.
- Check pavement for cracks, fill cracks and apply seal coat.

#### Roofing:

- Roofs need to be inspected at least twice a year. Clear gutters to avoid buildup of debris, inspect mounted equipment, roof surface inspection.
- Remove growing plant life from roofs.

#### Trees/Plants:

- Prune trees and shrubs. Make sure they do not conduct moisture to the roof or siding.
- Establish and maintain a tree maintenance schedule.
- Remove/cutback overhanging tree limbs.
- Retain an arborist to assess the condition of trees.

#### Pipes/Gutters:

- Check for clogging in drains by flushing them with water.
- Ensure gutters are anchored.
- Map storm drains.

#### HVAC:

- Fire-test water heaters and boilers.
- Make sure ventilation is clear.

### **Items recommended to be completed in August**

#### Building/Surfaces:

- Patch/Repair potholes, uneven surfaces.
- Inspect condition of paint for buildings, repaint as necessary.
- Check fencing to ensure it is weather proofed.
- Inspect condition of walls, floors, ceilings. Check for signs of mold and moisture.
- Check for signs of leaks.

#### Pipes/Gutters:

- Check the drains' connection with sanitary sewer.
- Identify ownership of easements, hillside, and city sewer line connections.
- Keep weeds to a minimum.
- Remove dead plants.
- Check tree branches and make sure none are about to fall.
- Remove rotted limbs, cut back overgrowth.
- Inspect for roots exposed above ground.

#### Preparedness:

- Start FIT plan.
- Prepare a flood response plan.

### **Items recommended to be completed in September**

#### Pipes/Gutters:

- Ensure sump and sewage ejection pumps are functioning.
- Monitor plumbing for leaks and strange noises at least once a year.
- Clear gutters of debris.
- Service sewer lines.
- Inspect exposed lines for deterioration, corrosion, leaks etc.

#### Preparedness:

- Establish and maintain sandbag reserves for emergency use.

#### Building/Surfaces:

- Seal/patch open and obvious cracks in exterior walls..
- Check window locks and open/close properly and easily. Lubricate hinges and locking mechanisms.

#### Roofing:

- Inspect roof systems for cracks, deterioration and/or openings.
- Check roof for standing water (during rainy season).
- Remove growing plant life.

### **Items recommended to be completed in October**

#### Building/Surfaces:

- Window/door sealant protection.
- Inspect roof systems for cracks, deterioration and/or openings.
- Check for broken doors/windows.
- Check for signs of leaks.
- Check and test aging gas lines.

#### HVAC:

- Change the furnace filter.
- Maintain heat in storage & “abandoned” buildings.

#### Pipes/Gutters:

- Clear gutters of debris.
- Verify shut off valves are working properly.
- Insulate pipes before Winter begins.
- Identify and insulate pipes in areas where pipes are susceptible to freezing.

#### Plants/Trees:

- Prune trees and shrubs. Make sure they do not conduct moisture to the roof or siding.

Preparedness:

- Prepare for the predicted Winter season.

**Items recommended to be completed in November/December**

Pipes/Gutters:

- Inspect stormwater drains.
- Make sure low water shut-off is functioning properly.

Building/Surfaces:

- Inspect locks/doors for weather proofing.
- Check pavement for cracks, fill cracks and apply seal coat.
- Check condition of sidewalk, driveway, parking areas. Replace coating every 10 years

HVAC:

- Fire-test water heaters and boilers.
- Check furnace/heating units before winter use.
- Check/service carbon monoxide and smoke detectors.

Roofing:

- Check roof for standing water (during rainy season).
- Identify cracks on the roof.
- Seal perimeter of roof to prevent water intrusion (flat roofs, tar & gravel, foam roofing materials).