



Standard Operating Guideline

Residential Structure Fire



Scope: Sacramento Regional Fire Departments

Policy Contact

Sacramento Regional Operations Group

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References

- FIRESCOPE: ICS 500 Structure Fire Operations 2015
- Incident Command Sacramento Regional SOG
- Incident Response Sacramento Regional SOG

01. Guideline

To provide guidance for operating at residential structure fires.

02. Definitions

2.1 Residential Structures (1-3 Stories):

- 2.1.1 Attics converted to living space are identified as a floor.
- 2.1.2 Areas partially or entirely below-grade, whether occupied or not, are referred to as basement.
- 2.1.3 Multiple below-grade levels, such as on a hillside, are referred to as sub-levels (e.g., sub-level 1, sub-level 2, etc.).
- 2.1.4 Refer to Appendix A for examples.

2.2 Duplexes:

- 2.2.1 Identify the fire unit.
- 2.2.2 Identify exposures based on fire unit location.
- 2.2.3 Refer to Appendix B for examples.

2.3 Exposures:

2.3.1 Identify exposures based on the fire unit location.

2.3.2 Refer to Appendix C for examples.

03. Resources

3.1 First Alarm Assignment

- 4 Engines
- 2 Trucks
- 2 Battalion Chiefs
- 1 Medic

3.2 Second Alarm Assignment

- 4 Engines
- 2 Trucks
- 2 Battalion Chiefs
- 1 Medic

04. Procedure

4.1 Initial Radio Report/Size-up

The first arriving resource activates the command process by giving an initial radio report.

- Unit designation of the unit arriving on the scene
- Establish incident orientation if not obvious (“A” side)
- A brief description of the building
 - Size (small, large)
 - Number of floors
 - Occupancy (residential structures, duplexes, etc.)
 - Announce building construction features that may affect fire attack operations (bars on windows, board-up, lightweight tile roof, etc.)
- Confirmation of the incident location/conditions
 - Nothing showing
 - Smoke showing (amount, location, color, pressure)
 - Fire showing (amount and location)
- Life hazard (example: potential victims)
- Exposures (examples: bravo exposure has heavy smoke from front door)
- Announce mode of operation (investigation, fire attack or command)
- Declaration of strategy (offensive or defensive)
- Safety hazards (power lines down, discovery of basement, etc.)

- Identification and location of incident command post (if establishing command)
- Request additional resources, if necessary

4.2 First Engine- First Alarm

Provide initial size-up report and communicate initial actions based on incident priorities; as the initial incident commander, the first arriving company officer has three command options:

4.2.1 Investigation

- No signs of smoke and/or fire
- Small extinguished fires with little or no smoke
- Fire/water-flow alarms absent of smoke and/or fire

4.2.2 Fire Attack

- Immediate actions work directly to mitigate incident threat
- Announce location of fire attack. E.g., “Initiating fire attack on the second floor” or “Initiating fire attack on the Charlie side”

4.2.3 Command

- Incident size/complexity demands early command structure development
- Identify incident name and Incident Command Post (ICP) location
- Assign and track resources
- Company officer that establishes command can utilize Tablet Command

4.2.4 Considerations

- Identify the Alpha side
- Consider requesting a second alarm based on arrival conditions
- Identify staging location when requesting second alarm
- Consider apparatus placement (first due truck, water supply, etc.)

4.3 Second Engine- First Alarm

Establish command based on incident priorities

4.3.1 Considerations

- Ensure and/or establish a water supply
- Initiate a primary search based on probable rescue
- Assist with Fire Attack
- Exposure protection
- Establish Two-Out
- Ensure 360 complete
- Company Officer that establishes Command can utilize Tablet Command

4.4 Third Engine- First Alarm

Establish Command if not already completed.

4.4.1 Considerations

- Ensure and/or establish a water supply
- Assist with Fire Attack
- Primary Search
- Exposure protection
- Establish Two-Out
- Ensure 360 complete
- Company Officer that establishes Command can utilize Tablet Command

4.5 Fourth Engine- First Alarm

4.5.1 Considerations

- Assist with Fire Attack
- Exposure protection
- Establish Two-Out
- Establish RIC
- Ensure 360 complete
- Stage

4.6 First Truck- First Alarm

Based on incident priorities: Split, All-In or All-Out. When splitting, verbalize captain location (e.g., “Truck 1, splitting, Captain inside”) and verbalize employed tactics (e.g., “Truck 1, All-In, search” or “Truck 1, All-Out, forcible entry”)

4.6.1 Considerations

- Spot apparatus according to building construction and occupancy type
- Engineer may remain with truck depending on incident needs
- LOUVERS (ladders, overhaul, utilities, ventilation, entry, rescue and salvage) is used for truck company operations
- Splitting is not recommended when staffed with three

4.7 Second Truck- First Alarm

Split, All-in, or All-out, with consideration to first arriving trucks tactic. Ensure the primary tactical considerations have been addressed or do not need additional support prior to committing to the secondary tactical considerations. Consider laddering (window, balconies) for rescue.

4.8 Medic- First Alarm

Command may assign to: victim and/or firefighter support, assist with firefighting operations and/or rehab.

4.9 First Chief Officer- First Alarm

Assume or establish command if not already established. Once chief officer assumes command, they shall ensure that Tablet Command is utilized.

4.9.1 Considerations

- Request additional resources, as needed
- Establish appropriate command structure
- Establish personnel accountability

4.10 Report to the Command Post

4.10.1 Considerations

- Complete 360
- Assigned to a Division
- Assigned to the Safety Officer
- Ensure Tablet Command is being utilized

4.11 Greater Alarm Assignment

- All resources respond on the assigned staging channel
- Battalion chiefs report directly to the ICP
- The first dispatched engine on the second alarm assumes Staging Area Manager, and confirms and/or identifies staging location
- One or two personnel from the first engine company on second alarm can be sent to the command post for support
- Out of county agencies are not expected to become the STAM. For example, if a West Sacramento Fire/El Dorado Hills Fire unit on the second alarm is listed first, then the second listed engine becomes STAM

Appendix A

One story residential with a basement



Initial size-up- *“Companies on Bravo six, E1 has arrived on the alpha side of a one-story residential structure with a basement”*

Comment- It would be hard to determine from your initial three-sided size-up to determine if this is an occupied/ unoccupied basement. Completing a 360 size up and/or updates from interior crews would help determine whether the basement had interior/ exterior access or both and whether it was occupied or unoccupied. After gathering more situational awareness, use a CAN report to update command and/or incoming companies.

One, possibly two story with a basement



Initial size-up- *“Companies on Bravo six, E1 has arrived on the alpha side of a one, possibly two story residential structure with a basement”*

Comment- After your initial three sided size-up, it would appear that there is an occupied basement. Completing a 360 size up would help determine whether the basement had interior/ exterior access or both and whether it was occupied or unoccupied. Additionally, crews operating interior would be able to confirm whether there was an occupied second story or not. A 360 size-up and determining location of fire will help you determine proper line placement. After gathering more situational awareness, use a CAN report to update command and/or incoming companies.

Two story with a basement



Initial size-up- *“Companies on Bravo six, E1 has arrived on the alpha side of a two story residential structure with a basement”*

Comment- Based on your initial three sided size-up it is obvious that there are two stories and hard to determine if the basement is occupied or unoccupied. Completing a 360 size up and/or updates from interior crews would help determine whether the basement had interior/ exterior access or both and whether it was occupied or unoccupied. After gathering more situational awareness, use a CAN report to update command and/or incoming companies.

Two story Victorian with basement



Initial size-up- *“Companies on Bravo six, E1 has arrived on the alpha side of a two story Victorian with a basement”*

Comment- After your initial three-sided size-up, and based on building construction type/ era, it would appear that there is an occupied basement. Completing a 360 size up would help determine whether the basement had interior/ exterior access or both and whether it was occupied or unoccupied. Additional situational awareness may prove that this is a multi-tenant structure. After gathering more situational awareness, use a CAN report to update command and/or incoming companies.

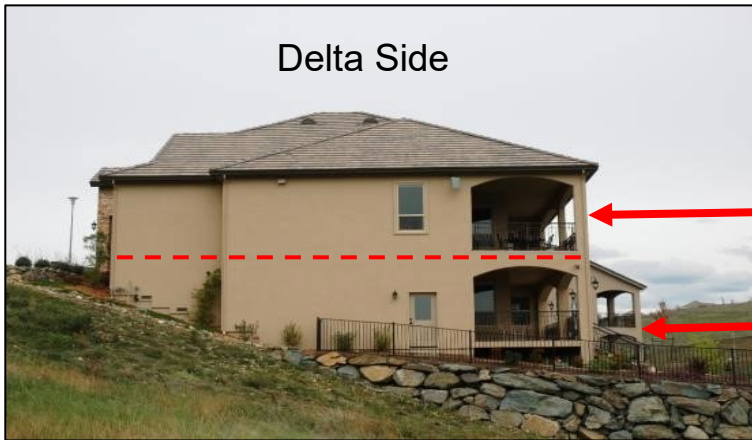
Three story Victorian with basement



Initial size-up- *“Companies on Bravo six, E1 has arrived on the alpha side of a three story Victorian with a basement”*

Comment- After your initial three-sided size-up, and based on building construction type/era, it would appear that there is an occupied basement. Completing a 360 size up would help determine whether the basement had interior/ exterior access or both and whether it was occupied or unoccupied. Additional situational awareness may prove that this is a multi-tenant structure. After gathering more situational awareness, use a CAN report to update command and/or incoming companies.

Residential Structure on Hillside with Sub-Level (floors below grade)



Residential Structure on a Hillside with Sub-Levels (floors below grade)



Second Floor

First Floor



Second Floor

First Floor

Sub-level One



Second Floor

First Floor

Sub-level One

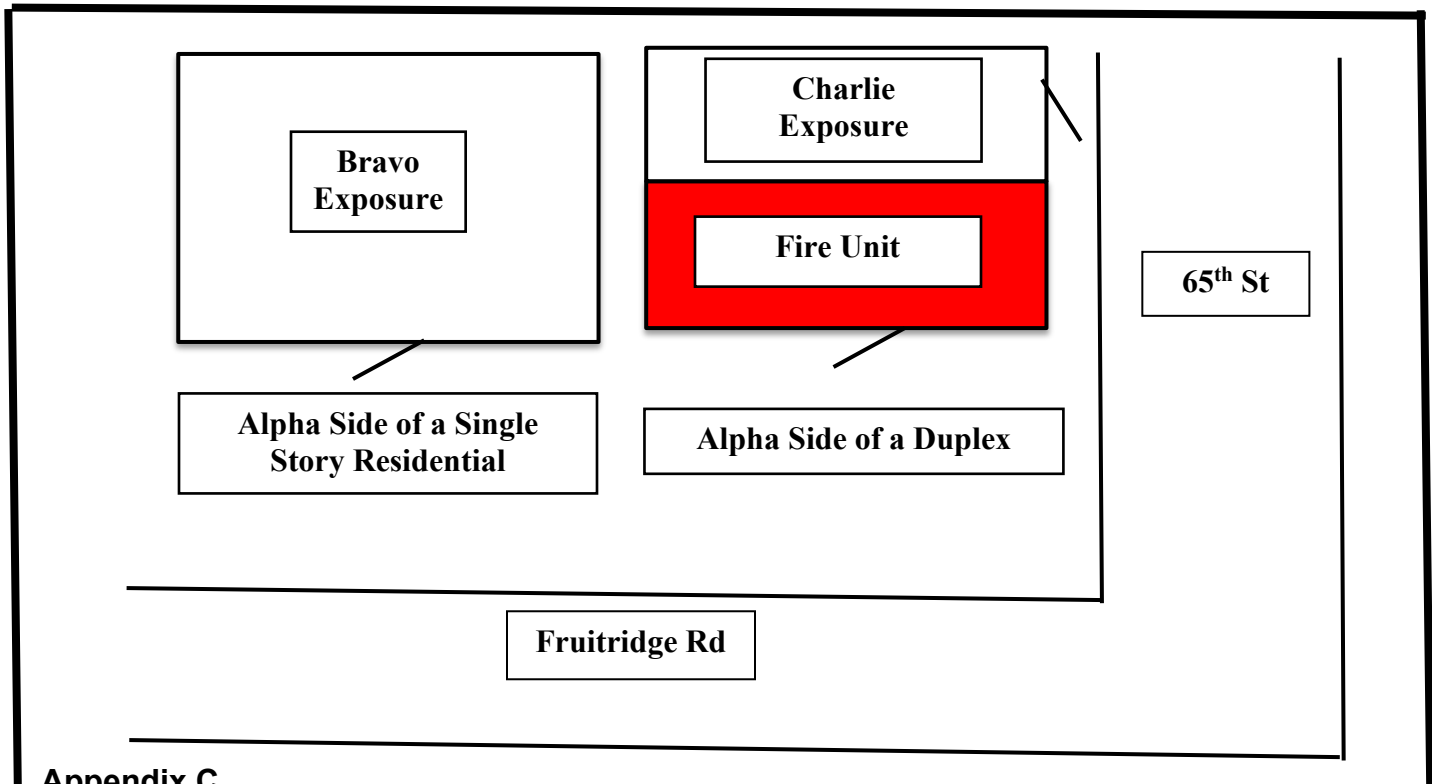
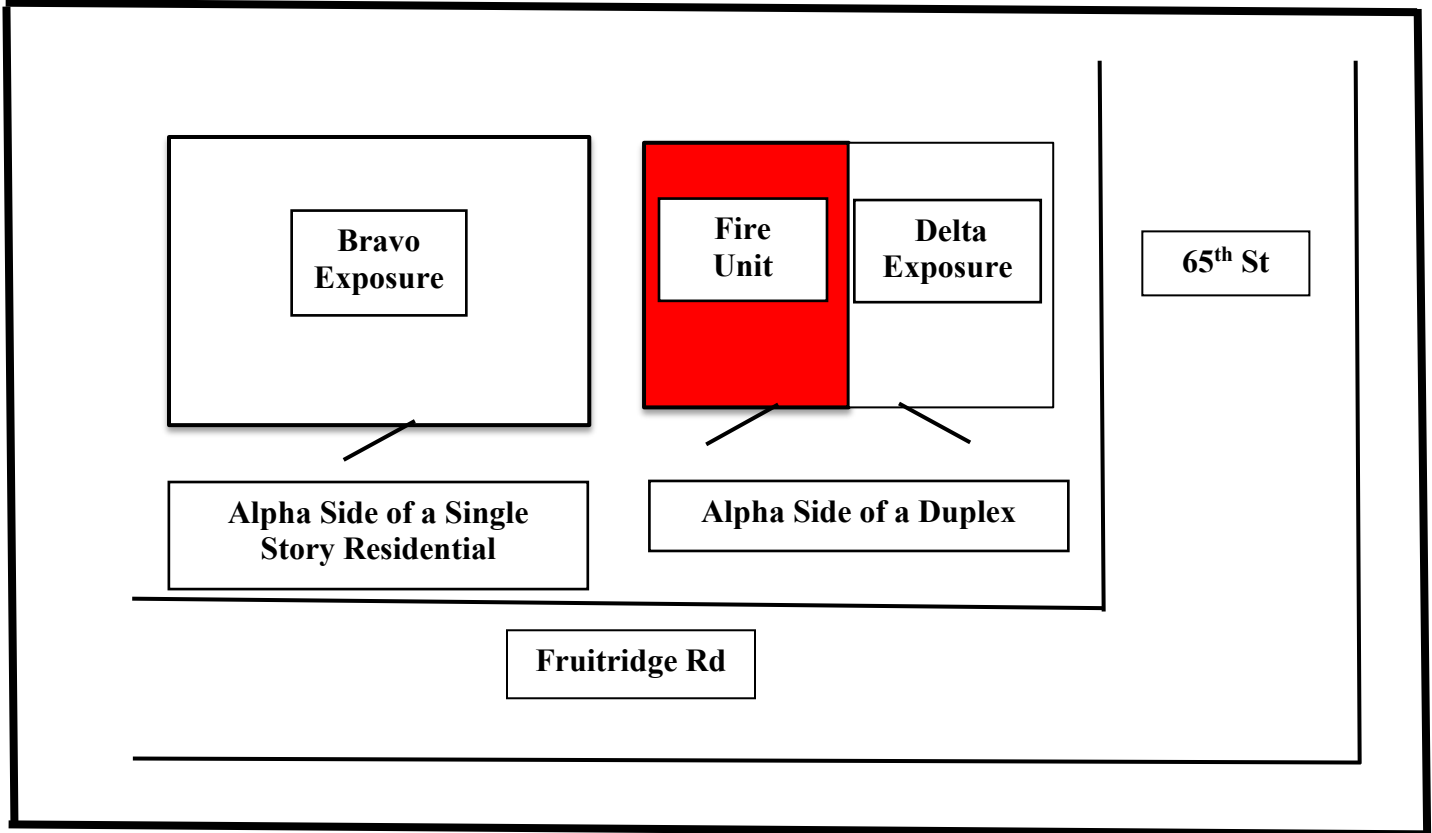
Residential Structure on a Hillside with Sub-Levels (floors below grade)



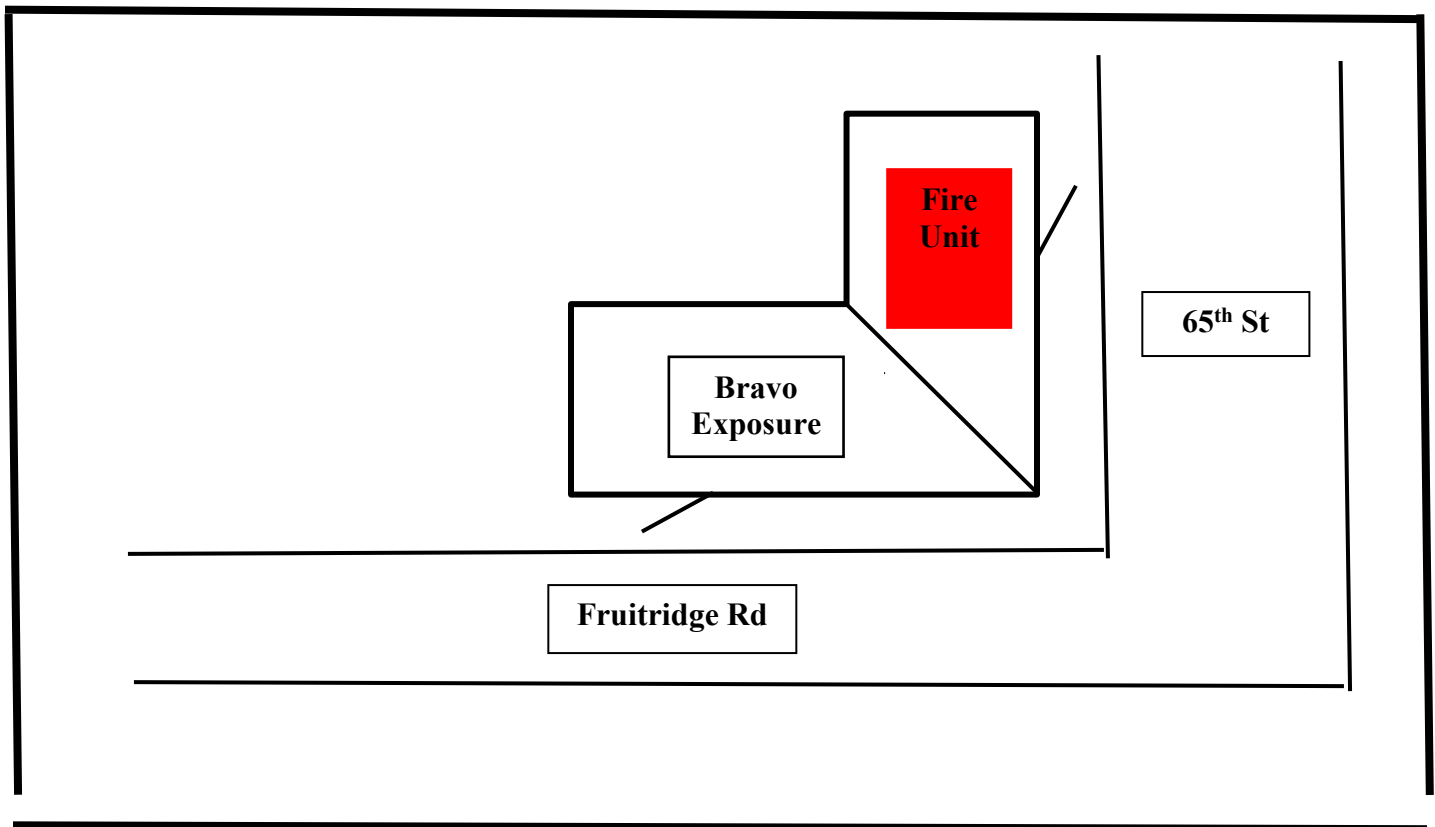
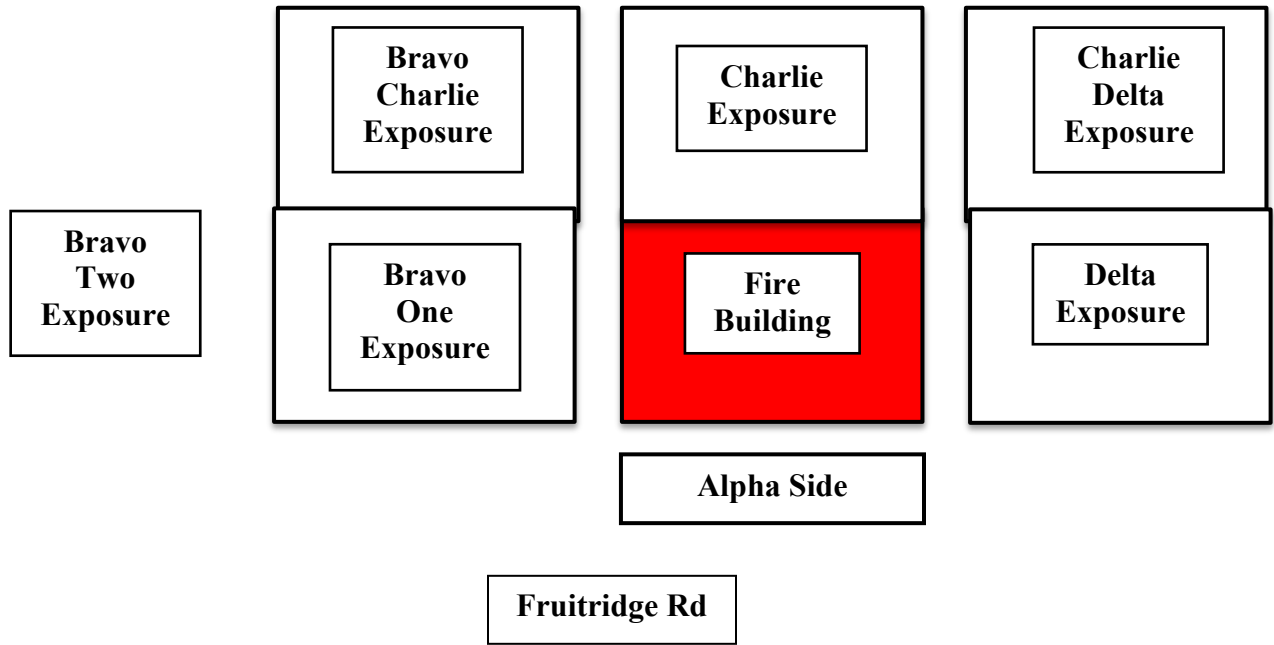
Initial size-up- *“Companies on Bravo six, E1 has arrived on the alpha side of a one story residential structure on a hillside with possible floors below grade”*

Comment- After your initial three-sided size-up, and/or completing a 360, it would be obvious that this was a house with more than one floor below grade. After gathering more situational awareness, use a CAN report to update command and/or incoming companies.

Appendix B



Appendix C



SIGNATURES

The undersigned approve the contents of this document.



Troy Bair (Dec 2, 2024 09:45 PST)

Troy Bair, Deputy Chief of Operations
Cosumnes CSD Fire Department



Chad Wilson, Assistant Chief of Operations
Folsom Fire Department



Mike Taylor (Nov 21, 2024 09:25 PST)

Mike Taylor, Deputy Chief of Operations
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Adam Mitchell (Nov 21, 2024 09:16 PST)

Adam Mitchell, Deputy Chief of Operations
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Residential Structure Fire


Final Audit Report


2024-12-02


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