

STANDARD EVOLUTION PRINCIPLES

Hydrant area

- First engine should lay in a supply line.
 - First engine may option not to lay a supply line if a second engine is in route.
 - If second engine is establishing the water supply they should reverse lay from the attack engine to the water source.
- Establish and use only one attack engine if possible.
 - Large structures, or wide spread areas, may require multiple attack points.
- Reverse lay from large structures.
 - Deck guns
 - Handlines
- Relay pump if needed
 - Hose lays over 1000' of 5" should consider relay pumping.
- Leave room and a water supply for the ladder.

Recommended Setup

- First arriving engine lays in a supply line from the nearest hydrant.

Non-hydrant area

- First engine should lay a supply line.
 - If possible, the supply line should be dropped in the area where the water supply shuttle will be setup.
 - Consider reversing additional supply line or relay pumping if needed.
 - Simplify the scene.
 - Do not have multiple apparatus working independently at the fire scene.
 - Work from a single attack point and one water supply shuttle as long as possible.
- Water shuttle.
 - Establish away from the fire scene.
 - Simplify the setup.

Recommended Setup

- First arriving engine drops a 5" supply line down the drive way and initiates an attack.
- Second arriving unit, engine or tender, sets up the water shuttle and supplies the 5" line.
 - If the second arriving unit is an engine they should supply the supply line and become the supply engine.
 - The first arriving tender should become the nurse tender for the supply engine.
 - All additional tenders supply the nurse tender.

Non-hydrant area considerations

- Porta-tank operations
 - If a large quantity of water is going to be needed, consider setting up a porta-tank shuttle.