### Barnstable County Fire Rescue Training Academy
#### Structural Fire Burn Scenarios – Local/Outside Fire Departments

### SCENARIO # 3 - Two Room Fire – Below Grade

<table>
<thead>
<tr>
<th>SCENARIO # 3</th>
<th>FIRE LOCATION</th>
<th>FUEL LOAD</th>
<th>FUEL TYPE</th>
<th>TEACHING OBJECTIVES</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Room Fire – Below Grade</td>
<td>DIVISION ONE Rooms 102 and 101</td>
<td>Three quarters (3/4)-One (1) bale</td>
<td>Straw/Hay (untreated)</td>
<td>• properly extinguish a fire using the combination attack for fires at all grades</td>
<td>Simulate Cellar/Basement fire with attack from directly above the fire and fires in multiple locations within the basement <em>(with emergency exits without descending/ascending to outside from fire floor)</em></td>
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<td>Simulated Below Grade – Advancement from 2nd floor down to first via interior stairwell #2</td>
<td>per fire location</td>
<td></td>
<td>• make proper hand line selection</td>
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<td>• utilize proper hose handling techniques in the building while descending to fire location and though the basement spaces</td>
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<td>• utilize and understand the need for proper communication between team members and the Incident Commander</td>
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<td>• understand and perform the responsibilities for each of the positions on the attack lines (nozzle, vent, and overhaul)</td>
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<td>• understand challenges of attacking below grade fires</td>
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<td>• understand challenges of ventilation in below grade fires</td>
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</tbody>
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Instructor Notes:

• Proper entry when entering lower level
• Proper line advancement
• Need for additional manpower on long stretches through multiple rooms
• Spreading out on line
• All firefighters on same side of line
• Multiple fires – control and complete extinguishment of each fire to progress to next fire
• Forcible entry for a bulkhead
• Check doors for heat (as applicable)
• Controlling doors/securing bulkheads
• Understanding that cellars/basements can have multiple rooms
• Proper vent & overhaul
• Communications between firefighters attacking fire
• Communications with Incident Commander on progress and conditions

Fire Location:

• Attack line must be run up Stairwell S-1 to attack from above the fire
• Fire Attack Location from Room 202 NB down Stairwell S-2 to fire in Room 102 then through Room 102 and Hallways 104 NB and 105 NB OR through Hallways 104 NB and 103 NB to second fire in Room 101
• Fire locations - Room 102 and Room 101

Emergency Exit/Entrance:

• Two emergency exits/entrances to fire location – (1) Door from Room 105 NB (Side C) and (2) exterior door into Room 102 through to Hallway 104 NB
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DIVISION 1

NB after Room Number = No Burns Allowed In That Space
No Burns in Stairwells
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DIVISION 2

NB after Room Number = No Burns Allowed In That Space
No Burns in Stairwells
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DIVISION 3

NB after Room Number = No Burns Allowed In That Space

No Burns in Stairwells
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**SCENARIO # 3 - Two Room Fire – Below Grade**

**ROOF**

- **SIDE “C”**
- **SIDE “B”**
- **SIDE “D”**
- **SIDE “A”**
- **ROOF NB**
- **OPEN TO BELOW**
- **S - 1**

*NB after Room Number = No Burns Allowed In That Space*

*No Burns in Stairwells*
Symbols

- Fire Location
- Fire Department Connection
- Artificial Smoke Generated into Space