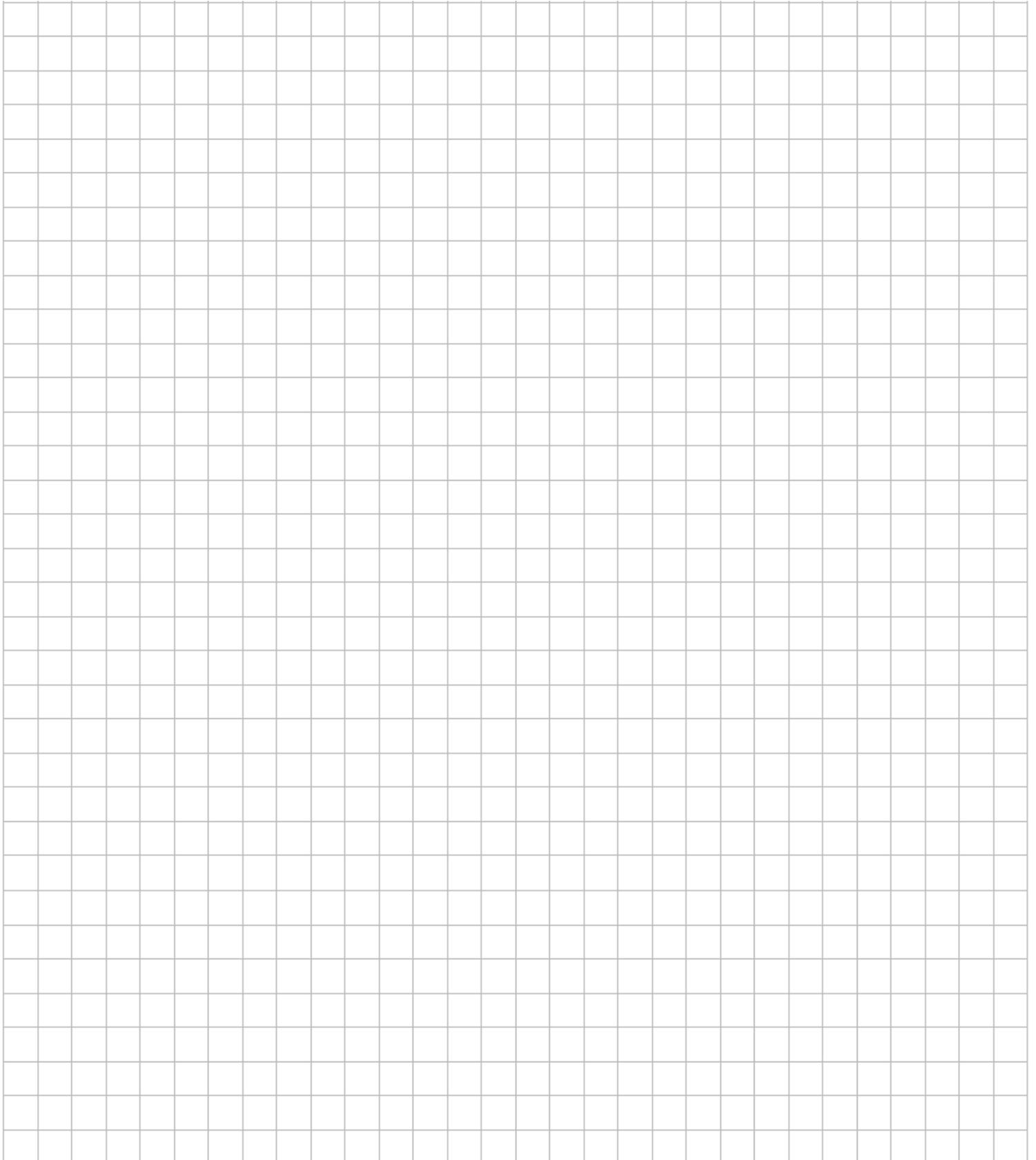


Pool Deck Barrier for _____

Property Address

1. Which Barrier Option are you using? *(Refer to next page for instructions)*

A large grid of graph paper, consisting of 20 columns and 30 rows of small squares, intended for drawing or writing.

Pool Decks: Barrier Plan

1. **Choose (1) Pool Deck Barrier** option below.
2. **Draw** an aerial view of **deck, house and yard** with details listed below **barrier option**.
3. **Attach photos of existing decks**, connecting to pool deck/pool, and include deck height and height of all guard railings, including stairs.

**Existing decks may require modifications to meet pool barrier requirements. Additional requirements may apply. Refer to codes for details.*

[] **A. Yard fence**

- 1) Draw pool, deck, house, yard fence and include:
 - a. Details of height and type of fence
 - b. All Gate locations to yard, height, type of latch and location of latch, self-closing, direction gate swings
 - c. Show location of doors, windows & alarms in drawing. Alarms are required for any doors from house, garage, or any windows lower than 48" from deck that are not behind the Pool gate blocking access to pool.

[-] **B. Pool Gate @ Top of Stairs**

Gates cannot swing over stairs and must swing away from pool, therefore it cannot be at the top of the stairs unless landing section is created on deck, surrounded by a 48" railing. Refer to Landing Section and code specifics.

[] **C. Pool Gate @ Ground Level - Bottom of Deck Stairs**

- 1) Draw pool, deck, house, stairs and include:
 - a. Guardrail height, spacing and gaps on deck and stairs *(If guardrail height is not modified to meet 48" requirement, include alternate barrier being attached on side of stairs to meet 48" height and gap requirements)*
 - b. Location of stairs and gate with height, type of latch and location of latch, self-closing & direction gate swings
 - c. Show location of doors, windows & alarms in drawing. Alarms are required for any doors from house, garage, or any windows lower than 48" from deck that are not behind the Pool gate blocking access to pool.

[] **D. Pool Gate on Deck @ Entrance to Pool**

- 1) Draw pool, deck, house, stairs and include:
 - a. Guardrail height, spacing and gaps on deck at pool entrance and other sections of deck
 - b. Gate with height, type of latch and location of latch, self-closing & direction gate swings
 - c. Alarms on house & garage not required

[] **E. Pool Gate on Lower Deck @ Entrance to Higher Deck**

- 1) Draw pool, decks, house, stairs and include:
 - a. Indicate higher and lower level decks with height difference
 - b. Guardrail height, spacing and gaps on deck and stairs
 - c. Location of stairs and gate with height, type of latch and location
 - d. of latch, self-closing & direction gate swings. *(Pool gate must be at bottom of stair entrance to higher-level deck since gate cannot swing over stairs, unless creating landing at top of higher deck. See "Pool Gate @ Stair landing for details".)*
 - e. Show location of doors, windows & alarms in drawing. Alarms are required for any doors from house, garage, or any windows lower than 48" from deck that are not behind the Pool gate blocking access to pool.

[] **F. Pool Gate on Higher Deck @ Entrance to Lower Deck**

- 1) Draw pool, decks, house, stairs and include:
 - a. Indicate higher and lower level decks with height difference
 - b. Guardrail height, spacing and gaps on deck and stairs
 - c. Location of stairs and gate with height, type of latch and location of latch, self-closing & direction gate swings. *(Landing section must be created at top or bottom of stair entrance to lower to allow gate to swing away from pool.)*
 - d. Alarms are required for any doors from house, garage, or any windows lower than 48" from deck that are not behind the pool gate blocking access to pool. Show location of doors, windows & alarms in drawing.

[] **G. Pool Gate @ Stair Landing**

- 1) Draw pool, deck, house, stairs and include:
 - a. Guardrail height, spacing and gaps on stairs and deck
 - b. Location of stairs and with height, type of latch and location of latch, self-closing & direction gate swings
 - c. Show location of doors, windows & alarms in drawing. Alarms are required for any doors from house, garage, or any windows lower than 48" from deck that are not behind the Pool gate blocking access to pool.

Pool Decks: Barrier Requirements

- 1) **Choose (1) Barrier option** (A. through G.)
- 2) **Refer to criteria under option** (Additional code requirements may apply. Confirm details with Building Inspector.)
- 3) **Confirm specific code requirements:**

Town Codes: www.townofgates.org, click on Town Codes –or- <https://ecode360.com/GA0050?needHash=true>

State Codes: Search the web for 2020 NYS Residential Codes of New York State -or-

<https://www.dos.ny.gov/DCEA/pdf/pdf/2020%20Residential%20Code%20of%20New%20York%20State.pdf>

- “Swimming Pools, Spas and Hot Tubs” - Section R326, starting on page 76 (PDF page 100)
- Construction, Installation and Electrical found in “Swimming Pools” - Chapter 42, starting on pg 745 (PDF page 1508)

A. Yard fence as Pool Deck Barrier

- 1) **Fence:** *A yard fence may be used, in place of installing a gate on the pool deck, if it meets the following*
 - 48” fence height that meets barrier gaps, spacing, and other applicable code requirements
 - A fence that encloses yard completely. No breaks, gaps or sections not covered.
 - Maximum openings:
 - Lattice Fence = Maximum 1 ¾” opening permitted.
 - Chain-link without slats on top/bottom = Maximum 2 ¼” opening permitted.
 - Chain-link with slats on top/bottom = Maximum 1 ¾” opening permitted.
 - No gaps or openings shall allow passage of 4 inch diameter.
 - Gaps between Barrier and ground = 2” or less.
Some exclusions may apply.
- 2) **Gate:**
 - 48” gate height, spacing & gaps.
 - Gate swings away from pool
 - Gate latch
 - Self-closing & self-latching and any other applicable code requirements
 - Latch must be located inside of gate (Pool side)
 - Latch located 3” below top of gate or if latch is a vertical handle then top of handle must measure 52” from ground
- 3) **House:** *Alarms are required for any doors & windows that are not behind the pool gate*
 - Alarms on doors from house or garage.
 - Alarms on windows lower than 48” from deck.

B. Pool Gate @ Top of Stairs *****Not an Option*****

Gates cannot swing over stairs and must swing away from pool, therefore it cannot be at the top of the stairs unless landing section is created on deck with surrounding 48” railing. Refer to Stair Landing section for details.

C. Pool Gate @ Ground Level - Bottom of Deck Stairs

- 1) **Guardrail on Deck:**
 - 36” railing height may be permitted if deck height is at least 45” (*If less than 45”, contact Building Inspector*)
 - Refer to code for barrier gaps, spacing, and other applicable requirements
- 2) **Guardrail on Stairs:**
 - 48” stair railing height, spacing & gaps meet code requirements
 - Alternative Barrier:** You may install a separate 48” barrier around the stairs (Examples: lattice fence, vinyl fence, etc.) instead of adjusting guardrail height and spacing. The main goal is to block ledges and gaps that can be used as a toe hold for climbing. Please note that gate height still needs to be 48”.*
- 3) **Gate:**
 - 48” gate height, spacing & gaps.
 - Gate swings away from pool
 - Gate latch
 - Self-closing & self-latching and any other applicable code requirements
 - Latch must be located inside of gate (Pool side)
 - Latch located 3” below top of gate or if latch is a vertical handle then top of handle must measure 52” from ground
- 4) **House:** *Alarms are required for any doors & windows that are not behind the pool gate*
 - Alarms on doors from house or garage and any other applicable code requirements
 - Alarms on windows lower than 48” from deck and any other applicable code requirements

See next page for more options →

D. Pool Gate on Deck @ Entrance to Pool

1) Guardrail on Deck:

- Railing must be 48" surrounding entrance of pool and meet gap, spacing or other applicable requirements
- 36" guardrail may be permitted in other sections of deck that are not used as pool barrier – Please check with Inspector

2) House: Door and window alarms are not required

3) Gate:

- 48" gate height, spacing & gaps.
- Gate swings away from pool
- Gate latch
 - Self-closing & self-latching and any other applicable code requirements
 - Latch must be located inside of gate (Pool side)
 - Latch located 3" below top of gate or if latch is a vertical handle then top of handle must measure 52" from ground

E. Pool Gate on Lower Deck @ Entrance to Higher-level Deck (Multi-level Deck)

Description: Stairs from lower deck leading up to higher deck, next to pool.

1) Guardrail on Deck:

- Railing must be 48" on higher deck with no gaps or sections that are less than 48"
- 36" guardrail may be permitted in other sections of deck that are not used as pool barrier
- Other factors may affect height and spacing requirements – Please check with Inspector

2) Gate:

- Pool gate must be at bottom of stair entrance to higher-level deck since gate cannot swing over stairs, unless creating landing at top of higher deck. See "Pool Gate @ Stair landing for details".
- 48" gate height, spacing & gaps.

- Gate swings away from pool

Gate latch

- Self-closing & self-latching and any other applicable code requirements
- Latch must be located inside of gate (Pool side)
- Latch located 3" below top of gate or if latch is a vertical handle then top of handle must measure 52" from ground

3) House: *Alarms are required for any doors & windows that are not behind the pool gate*

- Alarms on doors from house or garage and any other applicable code requirements.
- Alarms on windows lower than 48" from deck and any other applicable code requirements.

F. Pool Gate on Higher Deck @ Entrance to Lower-level Deck (Multi-level Deck)

Description: Stairs from higher deck leading down to lower deck, next to pool.

1) Guardrail on Deck:

- Railing must be 48" on higher deck with no gaps or sections that are less than 48"
- 36" guardrail may be permitted in other sections of deck that are not used as pool barrier – Please check with Inspector
- Must meet spacing and other applicable requirements

2) Gate:

- Landing section must be created at top or bottom of stair entrance to lower to allow gate to swing away from pool.
- 48" gate height, spacing & gaps.
- Gate swings away from pool

- Gate latch

- Self-closing & self-latching and any other applicable code requirements
- Latch must be located inside of gate (Pool side)
- Latch located 3" below top of gate or if latch is a vertical handle then top of handle must measure 52" from ground

3) House: *Alarms are required for any doors & windows that are not behind the pool gate*

- Alarms on doors from house or garage and any other applicable code requirements.
- Alarms on windows lower than 48" from deck and any other applicable code requirements.

G. Pool Gate @ Stair Landing

1) Guardrail on Deck:

- Railing height must be 48" around landing section and meet gaps, spacing or any other applicable code requirement
- 36" guardrail may be permitted in other sections of deck that are not used as pool barrier – Please check with Inspector

2) Gate:

- Gates cannot swing over stairs and must swing outward, away from the pool, so it cannot be at the top of the stairs without a landing section surrounded by a 48" railing.
- 48" gate height, spacing & gaps.
- Gate swings away from pool

- Gate latch

- Self-closing & self-latching and any other applicable code requirements
- Latch must be located inside of gate (Pool side)
- Latch located 3" below top of gate or if latch is a vertical handle then top of handle must measure 52" from ground

3) House: *Alarms are required for any doors & windows that are not behind the pool gate*

- Alarms on doors from house or garage and any other applicable code requirements.
- Alarms on windows lower than 48" from deck and any other applicable code requirements.