



GROWTH AND RESOURCE MANAGEMENT

Building and Zoning
123 West Indiana Avenue
Deland, FL 32720

(386) 736-5929 Fax (386) 943-7096

RESIDENTIAL IN-GROUND SWIMMING POOL SUBMITTAL CHECKLIST

Directions: Place a checkmark by all items that are included in the package, and a N/A by those items not needed.

Two complete permit packages are required & all items must be addressed and in proper order

Contractor or Owner/Builder _____

Jobsite Address (Complete) _____

<u>Submitted</u>	<u>Received</u>	
[]	[]	Completed Application (Front & Back). Owner/Builder must <i>personally appear</i> in office & sign application. <u>Name & license number of each subcontractor</u> is required.
[]	[]	Owner/Builder Disclosure Statement (Owner/Builder Permits only)
[]	[]	Private Provider Documents , if applicable
[]	[]	Notice of Commencement Affidavit with a copy of the Notice of Commencement that has been filed with the Clerk of the Circuit Court, or the Recorded/Certified Notice of Commencement.
[]	[]	Agent Authorization Letter
[]	[]	Location of Septic on Site Plans
[]	[]	Existing Septic System Approval Letter , if applicable
[]	[]	Affidavit of Drainage Control form - Signed by owner & notarized.
[]	[]	Storm Water Application , with 2 <u>scaled</u> copies of stormwater & vegetation plans, if applicable
[]	[]	1 Original Sealed Boundary Survey no more than 5 years old.
[]	[]	2 copies of Site plan for Zoning , showing <i>to scale, existing & proposed</i> site improvements
[]	[]	Safety Act Form – Residential Swimming Pool Safety Requirement Affidavit with original signatures of owner, contractor, and witness.
[]	[]	Safety Feature – Screen Enclosure: 2 sets of Florida registered engineer or architect sealed construction plans or 2 sets of current Master File Engineering with copy of engineer’s authorization letter for screen enclosure. Fence: Fence information to be noted on application, shown on site plans and comply with the Swimming Pool Code.
[]	[]	If Screen enclosure or Fence is on a separate permit, list permit number.
[]	[]	Recorded Warranty Deed if property has transferred within the last 6 months (If applicable)
[]	[]	Riser Diagram (2 Sets) , if applicable
[]	[]	Automatic Cover Specs & Installation instruction (2 Sets) , if applicable
[]	[]	Pool Plans – 2 sets of structural plans originally signed, sealed & dated by a Florida registered engineer or architect, or 2 sets of stamped copies of Master File engineering for pool shell. 2 sets of anti entrapment piping schematics originally signed, sealed and dated by a Florida registered engineer, or 2 sets of stamped copies of Master File engineering. Provide site specific pool and spa (if applicable) layout, minimum scale 1/8”=1’, showing drain locations, pool depths, means of egress (ladders, stairs, swim-outs, etc), skimmer locations(s), return location(s), suction cleaner line location, equipment location, heater location, etc.

*****NO POOL SUBMITTALS ALLOWED WITHOUT SAFETY FEATURE*****

I hereby acknowledge that the above-mentioned plan requirements are hereby submitted with my permit application. I fully understand that if the minimum requirements (documents & plans) have not been met, the review, processing & issuing of my permit will be delayed.

Signature _____
(Contractor, Authorized Agent, or Owner/Builder)

Date _____



RESIDENTIAL & MOBILE HOME PERMIT APPLICATION

EFFECTIVE CODE IS 2007 FBC

NON-REFUNDABLE APPLICATION FEES DUE AT TIME OF SUBMITTAL
APPLICATIONS IN PENCIL WILL NOT BE ACCEPTED

DATE ROW ID# PMT#

TAX PARCEL NUMBER
Tax Parcel Number Owner/Leaseholder's Name
Address City State Zip
Day Phone #: Cell Phone #:
E-Mail Address Fax #:
Fee Simple Titleholder Address

ADDRESS OF PROJECT:
Number Street Name Legal Description
City Suite/Lot
County Zip

WORK PROPOSED:
Residential: Permit to Complete? After the Fact Permit?
Addition Alteration Combination New Renovation Existing Residence on Site? Natural Disaster?
Repair Replacement Permanent Structure? Primary Occupancy
Mobile Home Mobile Home Replacement New Used # of Dwelling Units # of Stories
M. H. Attachments? Yes No (Describe) Kitchen in Structure? Ground Floor Habitable?
Accessory Structure: Primary Use Area (Sq Ft) Garage Area (Sq Ft)
Addition Alteration Combination New Renovation Other Area (Sq Ft)
Repair Replacement Will the lowest floor level be 12' above any adjacent roads? Yes No
Demolition Electrical Fence Fire Gas TYPE OF ROOF: Shingle Metal Tile Other
Generator Mechanical Pool Plumbing Solar Sloped Low Sloped Combination
Re-Roof * These roof types require a licensed roofer (except for owner/builders)
Other (explain)

Worksheet on back must be filled out completely

CONTRACTOR INFORMATION:
License Holder License # Company Name
Phone #: Mobile #: Fax #:
Address E-Mail Address for business use:
Preferred Method of Contact: E-Mail Fax Telephone Preferred Pick up location: Daytona Beach DeLand
Private Provider Review: Yes No Private Provider Inspections: Yes No

SUBCONTRACTORS: Enter name & license number for each subcontractor
Table with columns: ELEC, PLUMB, HVAC, ROOF, ARCH, ENG, OTHER, LICENSE #

Indicate if this property: [] Owner/Contractor-Residence for own use & occupancy - or [] is the Residential unit rental / lease property
Owner/Contractors must name a licensed M.H. installer as a subcontractor. Owner/Bldr must personally appear in office & sign application.

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction.
OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating Construction and zoning. WARNING TO OWNER: Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A Notice of Commencement must be recorded and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before commencing work or recording your Notice of Commencement.

Signature of Owner (or Authorized Agent - for contractor permits only)
STATE OF FLORIDA COUNTY OF
Affirmed and subscribed before me this day of
who is personally known to me or who has produced as identification (type of ID)

Signature of Contractor (or Authorized Agent)
STATE OF FLORIDA COUNTY OF
Affirmed and subscribed before me this day of
who is personally known to me or who has produced as identification (type of ID)

Signature of Notary Public State of Florida
Print, Type or Stamp Name of Notary
Seal:

Signature of Notary Public State of Florida
Print, Type or Stamp Name of Notary
Seal:

RESIDENTIAL WORKSHEET (PLEASE TYPE OR PRINT CLEARLY)

TIED / RELATED PERMIT NUMBERS:

TREE _____	USE _____	WETLAND _____
WELL PERMIT # _____	SEPTIC PERMIT # _____	OTHER _____

DECLARED PROJECT COST: (Include labor & materials) \$ _____ .00

ELECTRICAL INFORMATION:

Existing Service? Upgrade Service? Limited Use? Temp Pole: Yes No Number New/Altered Circuits _____
 New Service? Disconnect/Reconnect? Temporary Underground? Electric Company: _____
 Service Size: OLD Amps _____ Volts _____ Phase 1PH 3PH NEW Amps _____ Volts _____ Phase 1PH 3PH

MECHANICAL (HVAC): Declared HVAC Costs _____ .00

Electric Duct Work? Equipment Location: Inside Outside Type of Heating System _____
 Gas Ventilation? Building Built & Uncond Prior to 03/15/79? # of BTU's _____
 Oil General? Roof Top Equipment? Cooling System Involved?
 Heat Pump Equipment? Heating System Involved? _____ Type of Cooling System _____
 A/C Type of Equipment: _____ # of Tons _____

PLUMBING & UTILITY INFORMATION: Plumbing Required? Yes No (Provide Proof of Water and Sewer/Septic Connections)

#of Plumbing Fixtures _____ Well Connection _____ Connection? Heater Type _____
 Sewer/Septic Connection _____ Piping? Backflow Preventer? Work: Above Ground? Underground? Part of Fire Protection?
 Utility Connection _____ Water Heater? General? Water Source _____
 Water Company _____ Sewer Source _____ Sewer Company _____

GAS: Required? Yes No

FLOOD ZONE:

TREE CLEARING INFORMATION:

Type of Gas: _____ Tank Location: Above Ground <input type="checkbox"/> Underground <input type="checkbox"/> # of Tanks: _____ Installation Remote from Structure? _____ Connection to: _____ # of Gas Outlets _____	If the building is located in a 100 year Flood Hazard area (A, AE, AH, V), a FEMA Flood Certification form is required. Flood Zone X _____ V _____ A _____ BASE FLOOD ELEV (A or V) _____ Min Floor Elev _____ .00	One Site Plan required showing the area to be cleared & location of tree protection barrier. Lot size: Square Feet _____ Frontage _____ ft Depth _____ ft
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USE PERMIT INFORMATION: Two Site Plans (one site plan for SFR & MH) required showing width of drive at property line & edge of road.

Driveway? Yes No Road Material: Limerock Marl Paved Rock Shell Unpaved Rd
 Connected to Road Type: City County Private State Number of Culvert Pipes _____ Size _____

DEMO:

FENCE:

GENERATOR:

Scope of Demolition	Electric gates? Yes <input type="checkbox"/> No <input type="checkbox"/>	Fuel Source
<input type="checkbox"/> Demolition for Addition/Alteration?	Structural Fence? Yes <input type="checkbox"/> No <input type="checkbox"/>	Tank Installation? Yes <input type="checkbox"/> No <input type="checkbox"/>
<input type="checkbox"/> Demolish to Comply?	Fence Material	# of Gas Connections
Type of Structure	Height of Fence	Tank Location: Above Ground <input type="checkbox"/> Underground <input type="checkbox"/>
Sq Ft	Fence 2 Material	Connection To
Well Abandonment? Yes <input type="checkbox"/> No <input type="checkbox"/>	Height of Fence 2	
Septic Abandonment? Yes <input type="checkbox"/> No <input type="checkbox"/>	Pool Fence? Yes <input type="checkbox"/> No <input type="checkbox"/>	

POOL: (Please complete the Electrical section above)

SOLAR:

Pool Type	Heating System? Yes <input type="checkbox"/> No <input type="checkbox"/>
Pool & Deck Area (total sq ft)	Cooling System? Yes <input type="checkbox"/> No <input type="checkbox"/>
Outer Safety Feature	Water Heater? Yes <input type="checkbox"/> No <input type="checkbox"/>
Interior Safety Feature	Equipment? Yes <input type="checkbox"/> No <input type="checkbox"/>
Heater Type	Piping? Yes <input type="checkbox"/> No <input type="checkbox"/>
Spa? Yes <input type="checkbox"/> No <input type="checkbox"/>	General? Yes <input type="checkbox"/> No <input type="checkbox"/>
Declared Pool Cost \$	Panel Location: Ground Mount _____ Rooftop _____
Declared Safety Feature Cost \$	Total Improvement Area >250 Sq Ft? Yes <input type="checkbox"/> No <input type="checkbox"/>

RE-ROOF:

Minor Repair? Yes No Skylight Replacement? Yes No # of Squares Roof 2 (100 sq ft=1) _____
 Roof Over Existing? Yes No Slope of Roof 1 _____ Slope of Roof 3 (if applicable) _____
 # of Layers _____ # of Squares Roof 1 (100 sq ft=1) _____ Roof Material 3 _____
 Roof Top Equip? Yes No Slope of Roof 2 (if applicable) _____ # of Squares Roof 3 (100 sq ft=1) _____
 Structural Change? Yes No Roof Material 2 _____

Bonding Company Name _____ Address _____
 Mortgage Lender's Name _____ Address _____
 Arch's/Engr's Name _____ Address _____

APPROVED BY _____ (PERMIT OFFICER)

GATE CODE: _____

***No lined or graph paper will be accepted**

NOTICE OF COMMENCEMENT

State of Florida
County of Volusia

Permit No

Tax Parcel Number

The UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement

1. Description of Property: (Legal description of the property, and street address if available.)

2. General description of improvement:

3. Owner information:

- a. Name and address
- b. Interest in property
- c. Name and address of fee simple titleholder (if other than owner)

FOR CLERK'S OFFICE USE ONLY

4. Contractor:
Name and address

- a. Phone number
- Fax number

5. Surety: Name and address

- a. Phone number () _____
Fax number () _____
- b. Amount of bond \$ _____ .00

6. Lender: Name and address

- a. Phone number () _____
Fax number () _____

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:

- a. Name and address
- b. Phone number () _____
Fax number () _____

8. In addition to himself, Owner designates _____ of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes

- a. Phone number () _____
- b. Fax number () _____

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Signature of Owner

Print Name of Owner

State of Florida County of _____

Affirmed and subscribed before me this _____ day of _____ 20____ by _____

who is personally known to me or who has produced _____ (type of ID) as identification.

Signature of Notary Public State of Florida

Print, Type or Stamp Name of Notary

Notarial Seal

VOLUSIA COUNTY
AFFIDAVIT OF DRAINAGE CONTROL FOR RESIDENTIAL
AND MINOR COMMERCIAL CONSTRUCTION

I OWNER/SITE INFORMATION:

1. Name of Owner _____
2. Address of Owner _____
3. Phone No: Home _____ Office _____
4. Parcel Number for site _____

BP# _____
(Office Use Only)

II CERTIFICATE OF COMPLIANCE:

The undersigned owner of the above described property, being fully aware of the provisions of Section 104.1.7 Chapter 22, Code of Ordinances, as amended, hereby certifies that development of the above described property will not result in:

1. Flooding of adjacent lands.
2. Blockage of existing drainage systems, natural or manmade.
3. The destruction of existing drainage systems, natural or manmade.
4. Erosion of fill or disturbed materials onto adjacent lands or environmentally sensitive areas (as determined by the environmental control officer).
5. The destruction of roadside drainage swales, roadway pavement and/or shoulders.
6. Flooding of proposed structure during a 100-year-frequency storm or construction to an elevation less than that indicated on the floodprone maps as are available in the growth management department.
7. Inadequate on-site drainage in the vicinity of the proposed structure.

IV RELEASE AND AUTHORIZATION:

1. The undersigned hereby releases and holds harmless the County of Volusia and its authorized agents and/or employees from any and all claims of damage of every kind and nature whatsoever to said property, or contiguous properties, arising from the approval of this application or construction of required improvements.
2. The undersigned hereby grants unto authorized agents and/or employees of the County of Volusia the right to enter upon said property for inspection and enforcement activities. Volusia County reserves the right to require the property owner to implement reasonable measures regarding drainage control including, but not limited to, submittal of signed & sealed engineered drainage plans.

Signed

Printed Name

State of Florida
County of _____

Sworn to and Subscribed before me, this _____ day of _____, 20____ by _____
who is personally known to me or has produced _____ as identification.
(Type of ID)

Signature of Notary Public, State of Florida

Print, Type or Stamp Name of Notary

Notarial Seal

SWIMMING POOL BARRIER REQUIREMENTS – 2007 FLORIDA BUILDING CODE - RESIDENTIAL Chapter 41, Section R4101, (17)

R4101.17 Residential swimming barrier requirement. Residential swimming pools shall comply with Sections R4101.17.1 through R4101.17.3.

Exception: A swimming pool with an approved safety pool cover complying with ASTM F 1346.

R4101.17.1 Outdoor swimming pools. Outdoor swimming pools shall be provided with a barrier complying with R4101.17.1.1 through R4101.17.1.14.

R4101.17.1.1 The top of the barrier shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade the barrier may be at ground level or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm).

R4101.17.1.2 The barrier may not have any gaps, openings, indentations, protrusions, or structural components that could allow a young child to crawl under, squeeze through, or climb over the barrier as herein described below. One end of a removable child barrier shall not be removable without the aid of tools. Openings in any barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.

R4101.17.1.3 Solid barriers which do not have openings shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.

R4101.17.1.4 Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed $1\frac{3}{4}$ inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed $1\frac{3}{4}$ inches (44 mm) in width.

R4101.17.1.5 Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed $1\frac{3}{4}$ inches (44 mm) in width.

R4101.17.1.6 Maximum mesh size for chain link fences shall be a $2\frac{1}{4}$ inch square (57 mm) unless the fence is provided with slats fastened at the top or bottom which reduce the openings to no more than $1\frac{3}{4}$ inches (44 mm).

R4101.17.1.7 Where the barrier is composed of diagonal members, the maximum opening formed by the diagonal members shall be no more than $1\frac{3}{4}$ inches (44 mm).

R4101.17.1.8 Access gates, when provided, shall be self-closing and shall comply with the requirements of Sections R4101.17.1.1 through R4101.17.1.7 and shall be equipped with a self-latching locking device located on the pool side of the gate. Where the device release is located no less than 54 inches (1372 mm) from the bottom of the gate, the device release mechanism may be located on either side of the gate and so placed that it cannot be reached by a young child over the top or through any opening or gap from the outside. Gates that provide access to the swimming pool must open outward away from the pool. The gates and barrier shall have no opening greater than $\frac{1}{2}$ inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.

R4101.17.1.9 Where a wall of a dwelling serves as part of the barrier, one of the following shall apply:

1. All doors and windows providing direct access from the home to the pool shall be equipped with an exit alarm complying with UL 2017 that has a minimum sound pressure rating of 85 dB A at 10 feet (3048 mm). The exit alarm shall produce a continuous audible warning when the door and its screen are opened. The alarm shall sound immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall be equipped with a manual means to temporarily deactivate the alarm for a single opening. Such deactivation shall last no more than 15 seconds. The deactivation switch shall be located at least 54 inches (1372 mm) above the threshold of the door. Separate alarms are not required for each door or window if sensors wired to a central alarm sound when contact is broken at any opening.

Exceptions:

- a. Screened or protected windows having a bottom sill height of 48 inches (1219 mm) or more measured from the interior finished floor at the pool access level.
- b. Windows facing the pool on floor above the first story.
- c. Screened or protected pass-through kitchen windows 42 inches (1067 mm) or higher with a counter beneath.

2. All doors providing direct access from the home to the pool must be equipped with a self-closing, self-latching device with positive mechanical latching/locking installed a minimum of 54 inches (1372 mm) above the threshold, which is approved by the authority having jurisdiction.

R4101.17.1.10 Where an aboveground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, the ladder or steps either shall be capable of being secured, locked or removed to prevent access, or the ladder or steps shall be surrounded by a barrier which meets the requirements of Sections R4101.17.1.1 through R4101.17.1.9 and Sections R4101.17.1.12 through R4101.17.1.14. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.

R4101.17.1.11 Standard screen enclosures which meet the requirements of Section R4101.17 may be utilized as part of or all of the "barrier" and shall be considered a "nondwelling" wall. Removable child barriers shall have one end of the barrier nonremovable without the aid of tools.

R4101.17.1.12 The barrier must be placed around the perimeter of the pool and must be separate from any fence, wall, or other enclosure surrounding the yard unless the fence, wall, or other enclosure or portion thereof is situated on the perimeter of the pool, is being used as part of the barrier, and meets the barrier requirements of this section.

R4101.17.1.13 Removable child barriers must be placed sufficiently away from the water's edge to prevent a young child or medically frail elderly person who may manage to penetrate the barrier from immediately falling into the water. Sufficiently away from the water's edge shall mean no less than 20 inches (508 mm) from the barrier to the water's edge. Dwelling or nondwelling walls including screen enclosures, when used as part or all of the "barrier" and meeting the other barrier requirements, may be as close to the water's edge as permitted by this code.

R4101.17.1.14 A wall of a dwelling may serve as part of the barrier if it does not contain any door or window that opens to provide direct access from the home to the swimming pool.

R4101.17.1.14.1 Adjacent waterways. Permanent natural or permanent man-made features such as bulkheads, canals, lakes, navigable waterways, etc., adjacent to a public or private swimming pool or spa may be permitted as a barrier when approved by the authority having jurisdiction. When evaluating such barrier features, the authority may perform on-site inspections and review evidence such as surveys, aerial photographs, water management agency standards and specifications, and any other similar documentation to verify, at a minimum, the following:

1. The barrier feature is not subject to natural changes, deviations, or alterations and is capable of providing an equivalent level of protection as that provided by the code.
2. The barrier feature clearly impedes, prohibits or restricts access to the swimming pool or spa.

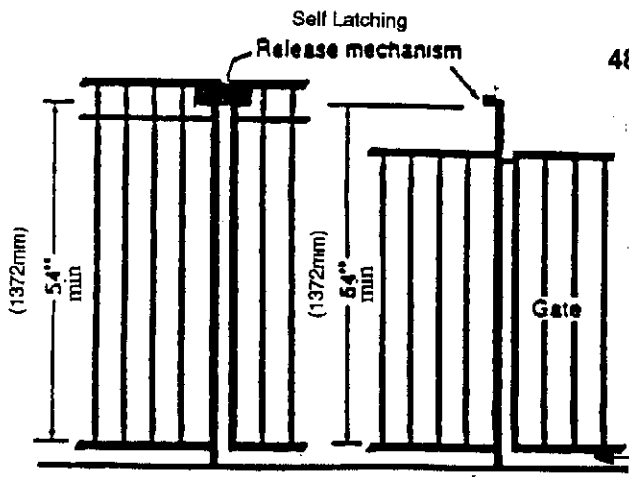
R4101.17.1.15 A mesh safety barrier meeting the requirements of Section R4101.17 and the following minimum requirements shall be considered a barrier as defined in this section:

1. Individual component vertical support posts shall be capable of resisting a minimum of 52 pounds (229 N) of horizontal force prior to breakage when measured at a 36-inch (914 mm) height above grade. Vertical posts of the child mesh safety barrier shall extend a minimum of 3 inches (76 mm) below deck level and shall be spaced no greater than 36 inches (914 mm) apart.
2. The mesh utilized in the barrier shall have a minimum tensile strength according to ASTM D 5034 of 100 lbf., and a minimum ball burst strength according to ASTM D 3787 of 150 lbf. The mesh shall not be capable of deformation such that a 1/4-inch (6.4 mm) round object could pass through the mesh.
The mesh shall receive a descriptive performance rating of no less than "trace discoloration" or "slight discoloration" when tested according to ASTM G 53 (Weatherability, 1,200 hours).
3. When using a molding strip to attach the mesh to the vertical posts, this strip shall contain, at a minimum, #8 by 1/2-inch (12.7 mm) screws with a minimum of two screws at the top and two at the bottom with the remaining screws spaced a maximum of 6 inches (152 mm) apart on center.
4. Patio deck sleeves (vertical post receptacles) placed inside the patio surface shall be of a nonconductive material.
5. A latching device shall attach each barrier section at a height no lower than 45 inches (1161 mm) above grade. Common latching devices that include, but are not limited to, devices that provide the security equal to or greater than that of a hook and eye type latch incorporating a spring actuated retaining lever (commonly referred to as a safety gate hook).
6. The bottom of the child mesh safety barrier shall not be more than 1 inch (25 mm) above the deck or installed surface (grade).

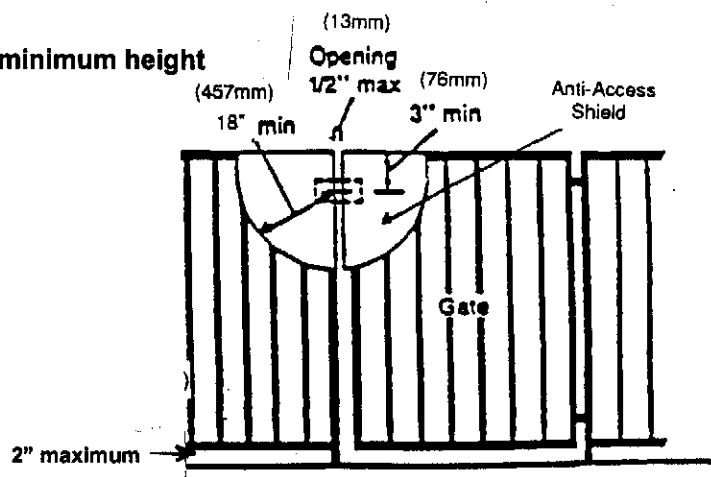
R4101.17.2 Indoor swimming pools. All walls surrounding indoor swimming pools shall comply with Section R4101.17.1.9.

R4101.17.3 Prohibited locations. A barrier may not be located in a way that allows any permanent structure, equipment, or window that opens to provide access from the home to the swimming pool.

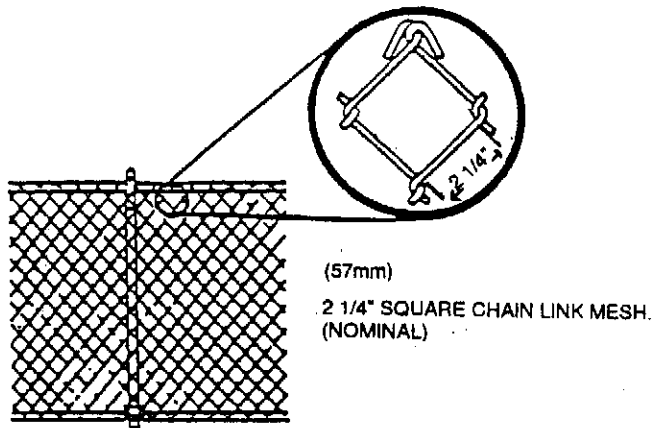
EXAMPLES OF POOL BARRIERS AND FENCING



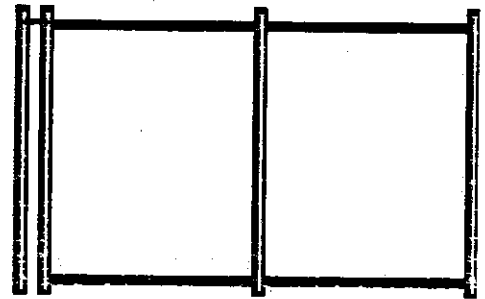
RELEASE MECHANISM LOCATED AT 54" OR HIGHER FROM THE BOTTOM OF THE GATE.



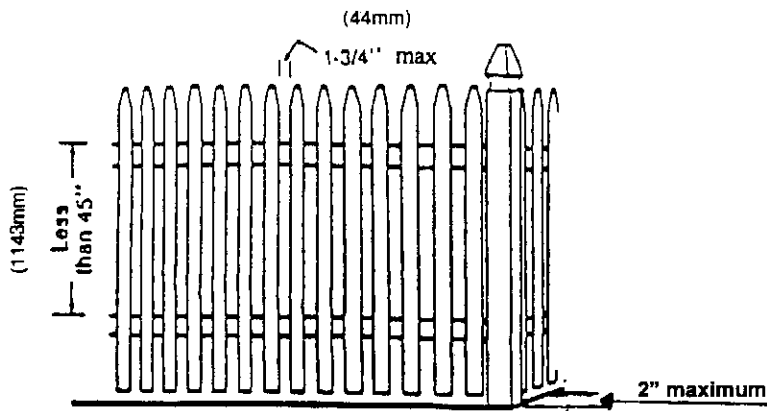
RELEASE MECHANISM LOCATED LESS THAN 54" FROM THE BOTTOM OF THE GATE.



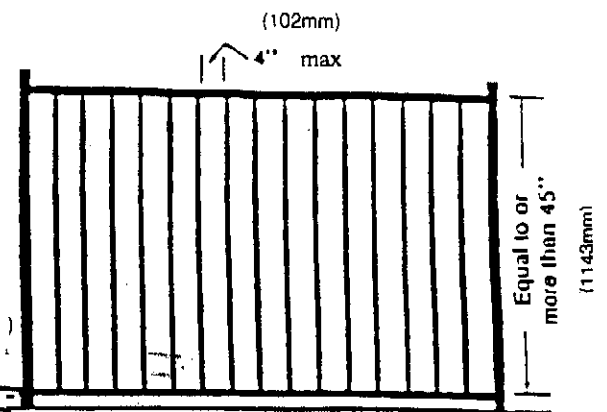
SEE R 4101.17.1.6



MESH SAFETY BARRIER FENCING
SEE R 4101.17.1.15



IF HORIZONTAL MEMBERS ARE LESS THAN 45" APART THE SPACE BETWEEN THE VERTICAL MEMBERS SHALL NOT EXCEED 1-3/4"
SEE R 4101.17.1.4



IF HORIZONTAL MEMBERS ARE EQUAL TO OR MORE THAN 45" APART, THE SPACE BETWEEN THE VERTICAL MEMBERS SHALL NOT EXCEED 4"
SEE R 4101.17.1.5



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Document Summary



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ACTIVE STANDARD:
Pages: 7
Price: \$ 34.00

ACTIVE STANDARD: F1346-91(2003) Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs

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Developed by Subcommittee: F15.28
See Related Work by this Subcommittee
Adoptions: Building Codes;
Book of Standards Volume: 15.07

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[What is an Active Standard?](#)

1. Scope

HISTORICAL STANDARD:
[View Previous Versions of this Standard](#)

1.1 This specification establishes requirements for safety covers for swimming pools, spas, hot tubs, and wading pools (hereinafter referred to as pools, unless otherwise specified). When correctly installed and used in accordance with the manufacturer's instructions, this specification is intended to reduce the risk of drowning by inhibiting the access of children under five years of age to the water.

[What is an Historical Standard?](#)

1.2 This specification includes performance tests to demonstrate the compliance or noncompliance to requirements herein stated for safety covers. It also includes marking requirements for all covers.

[Top Desk](#)

1.3 The values stated in inch-pound units are to be regarded as the standard. The values in parentheses are given for information only.

1.4 The following safety hazards caveat pertains only to the test methods section, Section 10, of this specification: *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

National Electrical Code, Article 680-26

Index Terms

safety; covers; pools; swim; swimming; spas; hot tubs; children; 97.220.10

[Citing ASTM Standards](#)

[\[Back to Top\]](#)

ASTM COLLECTION ACTIVE F1346 DESIGNATION F1346 DESIGNATION