

2018 Code Change Training

Administrative Provisions

Jack A Proctor Virginia
Building Code Academy

Department of Housing
and Community Development



Agenda

- USBC Administrative provisions
 - Virginia certification standards
 - Manufactured housing safety regulations
 - Industrialized building safety regulations
 - Virginia amusement device inspection
-
- All VA changes are marked in yellow
- Note **all** changes in this module are state level



2018 Code Change Training

USBC Chapter 1

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2018
INTERNATIONAL CODES®

IBC®

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INTERNATIONAL
BUILDING CODE®



101.5 Use of terminology and notes

- Clarifies that state amendments should be considered when referencing I-codes

2018

VIRGINIA ENERGY CONSERVATION CODE



101.6 Order of precedence

- Energy code requirements are superseded by other codes when addressing same subject matter

105.2.1 Technical assistants' qualifications

- High school technical training programs or college engineering, architecture or construction degree programs now meet the required experience and knowledge for technical assistants



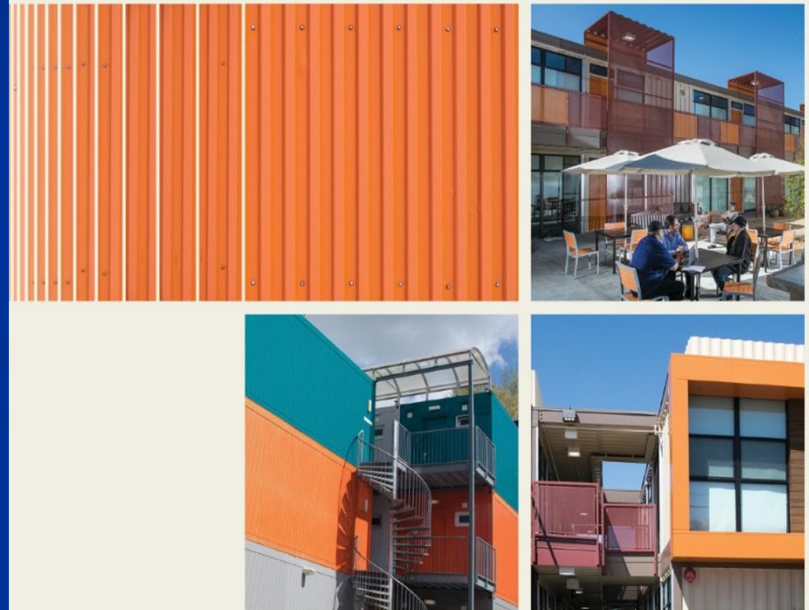
106.3.1; 112.2

Nationally recognized guidelines

- Nationally recognized guidelines now specifically allowed to be considered while reviewing code modification requests.

ICC G5-2019

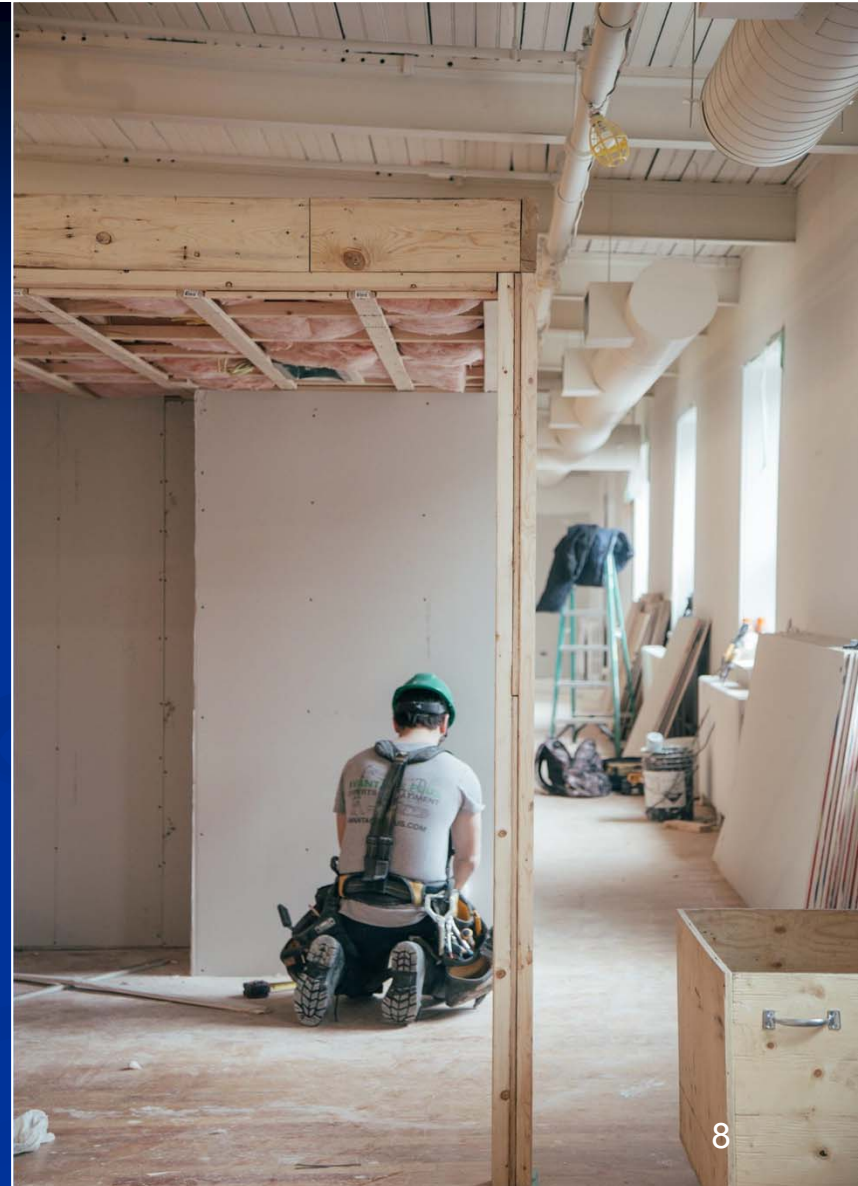
Guideline for the Safe Use of ISO Intermodal Shipping Containers Repurposed as Buildings and Building Components



108.4

Prerequisites to obtaining permit

- Affidavit no longer required for persons not subject to contractor licensure.



109.3 Engineering details

- When dry floodproofing is provided, the engineering details shall include detail of the walls, floors, and flood shields designed to resist flood-related loads, including the sealing of floor and wall penetrations





Fairfax County, Virginia

BUILDING PERMIT

NEW SINGLE FAMILY DWELLING

Permit Number: 140650082

Issued Date: 07/31/2014

Tax Map ID: 035-2 / 03 / 0005

Job Address: 3141 Searsmont Pl
Herndon, VA 20171-1901

Plan No.: R-14-1433

Contractor:

OWNER IS CONTRACTOR

Owner/Tenant:
BYWATER ANDREW D
8 Austin Ct
College Park, Md 20740
(202)731-7338

Mechanic's Lien Agent: FIRST AMERICAN TITLE INSURANCE
14150 NEWBROOK DR
SUITE 250
CHANTILLY, VA 20151
(703)480-9510

Structure: SINGLE FAMILY DWELLING

Code: IRC 2009

Group: R5

Type of Construction: VB

Has permission, according to approved plans, applications and restrictions of record to:

CONSTRUCTION OF SINGLE FAMILY HOUSE WITH SEPTIC FIELD//NEW SFD WITH UNFINISHED
BASEMENT W/WALKOUT, 2-CAR GARAGE, FRONT PROCH AND DECK W/STEPS, NO HOT TUB

Site Related Approval Conditions and Alerts

- **Responsible Land Disturber:** andrew bywater
- Before you start work, you are required to notify the Site Inspector at 703-324-1720. Failure to notify can result in a violation and fee charge per compliance inspection.

Notice of height limitation set by the Fairfax County Zoning Ordinance:

A building height certification based on a field survey is required prior to RUP issuance certifying the as-built height of the structure.

BUILDING OFFICIAL

Anthony P. Chalk

- The building permit must be posted at the construction site for the duration of the permit.
- This permit does not constitute approval from your homeowners' association and its related covenants.
- The permit expires if work does not commence in six months or if work is suspended for six months.
- The permit holder is responsible for contacting the county when stages of construction are reached that require inspections.
- For more information or to schedule inspections call our inspections office at 703-631-5101, TTY 711 during business hours or our automated system at 703-222-2474. Inspections may also be scheduled online at www.fairfaxcounty.gov/fido.
- For more information regarding this permit call the Permit Application Center at 703-222-0801, TTY 711.
- Call the county before you dig at 811.



110.5 BO's signature on permits

- The Building Official's (BO) signature is no longer required on building permits.



Fairfax County, Virginia

BUILDING PERMIT

NEW SINGLE FAMILY DWELLING

Permit Number: 140650082

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Tax Map ID: 035-2 / 03 / / 0005

Job Address: 3141 Seasmont Pl
Herndon, VA 20171-1901

Plan No.: R-14-1433

Contractor:

OWNER IS CONTRACTOR

Owner/Tenant:
BYWATER ANDREW D
8 Austin Ct
College Park, Md 20740
(202)731-7338

Mechanical Plan Agent: FIRST AMERICAN TITLE INSURANCE
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Structural: S
Group: R5

Has permission, according to approved plans, applications and restrictions, to construct:

CONSTRUCTION OF 2.5 CAR GARAGE, FRONT PROCH AND DECK W/STEPS, NO HOT TUB
BASEMENT W/WALKOUT, 2-CAR GARAGE, FRONT PROCH AND DECK W/STEPS, NO HOT TUB

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110.8 Permit revocation

- Permit allowed to be revoked due to non-compliance with pertinent laws and ordinances.

113.3; 113.3.2 (New), 113.3.3 (New) Minimum inspections

- Adds requirement to certify that the lowest floor and enclosures meet elevation requirements at two points in construction, if in flood hazard area:
 - Before vertical construction begins
 - Before final inspection



113.7 Elevator inspection reports

- Elevator inspection reports must contain the name and certification number of the elevator mechanic performing the tests witnessed by the third-party inspector or agency.



113.8 Final inspection; 116.1 Certificate of occupancy issuance

- Certificate of Occupancy (CO) required for additions and renovations of existing commercial buildings.
- The final inspection approval no longer allowed to serve as the CO.





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BUILDING OFFICIAL

This building permit must be posted at the construction site for the duration of the permit.

This permit does not constitute approval from your homeowners' association and its related covenants.

Permit expires if work does not commence in six months or if work is suspended for six months.

Permit holder is responsible for contacting the county when stages of construction are reached that require inspections.

Inspections call our inspections office at 703-631-5101, TTY 711 during business hours or our automated

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Call before you dig at 811.

202 (new) Permit holder

New definition for Permit Holder:

- The person to whom the permit is issued
- Relates to 115.2 Notice of Violation

State Code Change

115.2, 115.3 Notice of violation

- Notice of Violations (NOV) related to permitted work, to be issued to the *permit holder*
- NOV's for unpermitted work to be issued to the responsible party



116.4 When no CO exists

- CO to be issued for existing buildings upon request.



117.2 Moved buildings and structures

- Moved buildings in flood hazard areas require flood hazard documentation before CO issued.



119.6 LBBCA Notices

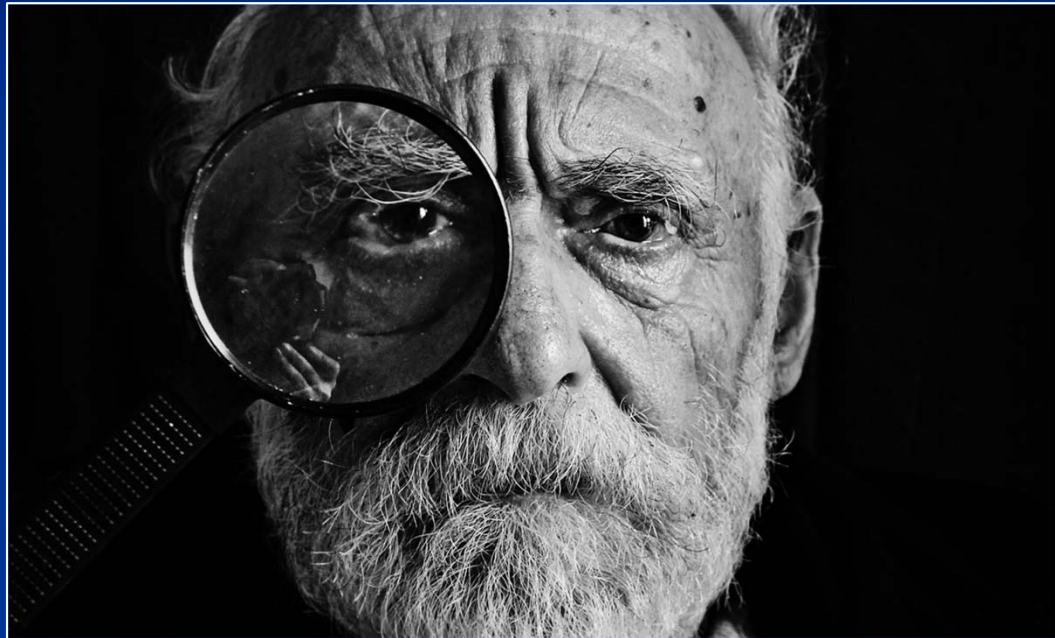
- LBBCA Notices allowed to be sent via electronic means.



USBC 119.8-9; VMC: 107.8-9 (New); SFPC: 112.8.1, 112.9, 112.10 (New) Appeals to the State Review Board

- Revises language to align with Code of VA.
- New language to provide guidance for how TRB hearings are to be conducted.

Q+A Checkin



2018 Code Change Training

Virginia Certification Standards (VCS)

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2018



Virginia Certification Standards



13-VAC5-21-41 Certification categories & training requirements

- Time training must have been completed prior to certificate application reduced from six years to four years.



13VAC5-21-51 Issuance of certificates

- Certification statuses have been clarified
 - Active and Inactive



2018 Code Change Training Virginia Manufactured Home Safety Regulations (VMHSR)

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Definitions

- Definitions updated to ensure installations meet federal standards
 - Certificate of Installation
 - Installer



13VAC5-95-60 Installations

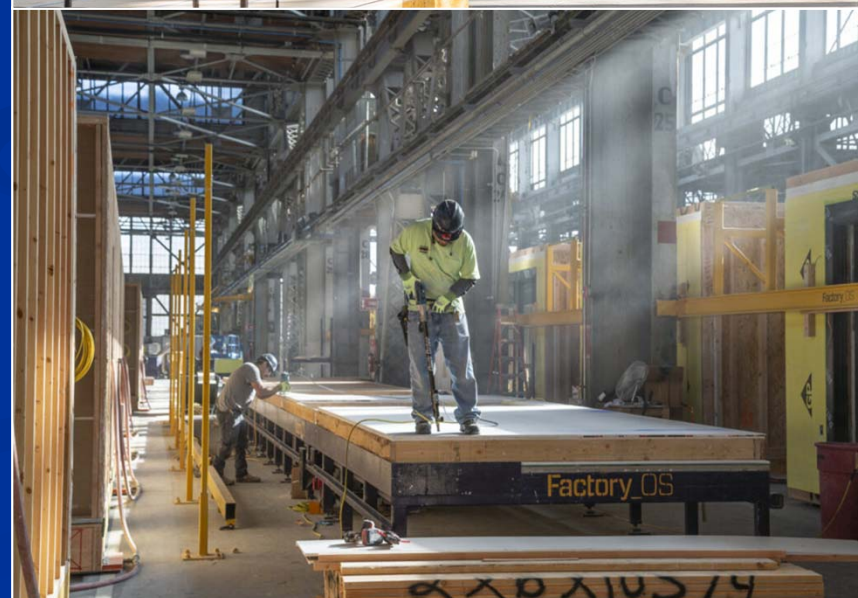
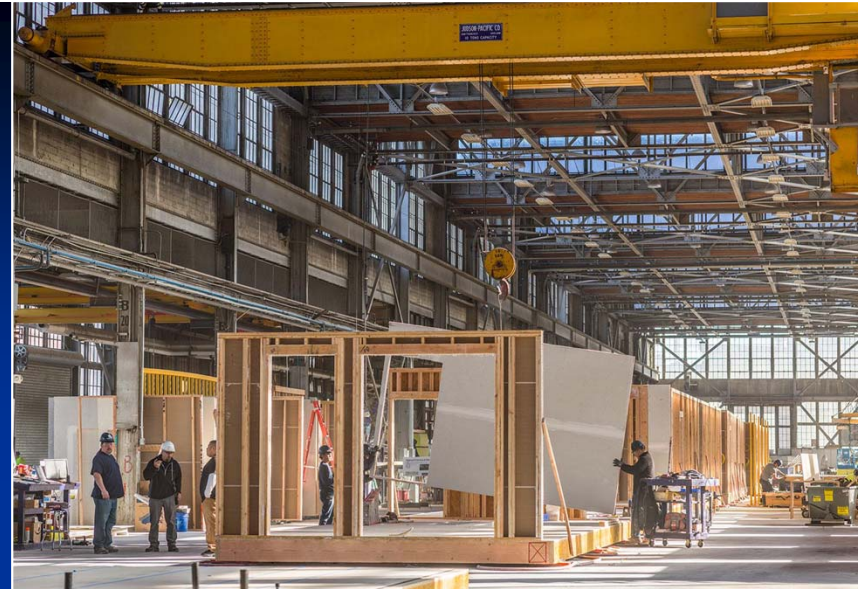
- Installers shall provide copy of certificate of installation to homeowner, and, when requested, to the building official, prior to CO.



2018 Code Change Training Virginia Industrialized Building Safety Regulations (IBSR)

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13VAC5-91-20 Application and compliance

13VAC5-91-150 When modification may be granted

- Sections updated to allow path for use of shipping containers in industrialized buildings



13VAC5-91-10 Definitions; 13VAC-5-91-260 Registration seal for industrialized buildings

- Regulations updated to specifically address panelized construction and associated registration seal fees.



2018 Code Change Training Virginia Amusement Device Regulations (VADR)

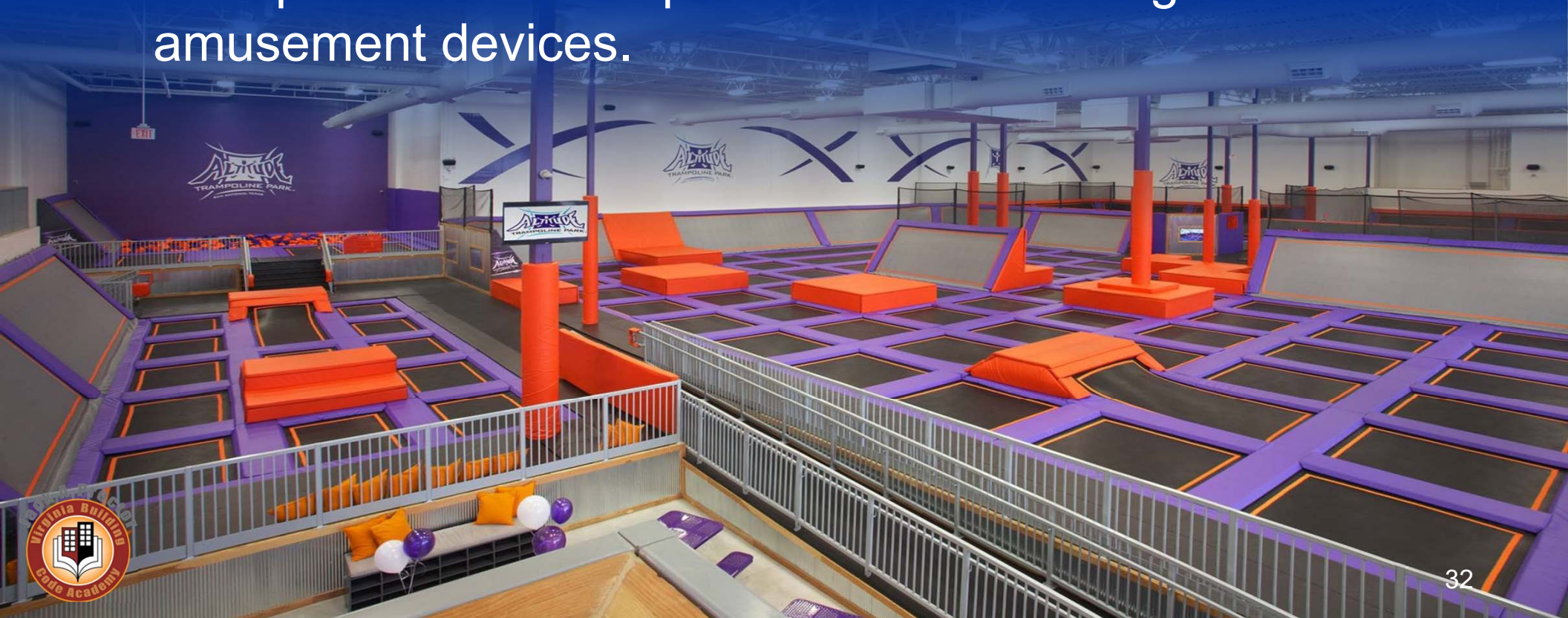
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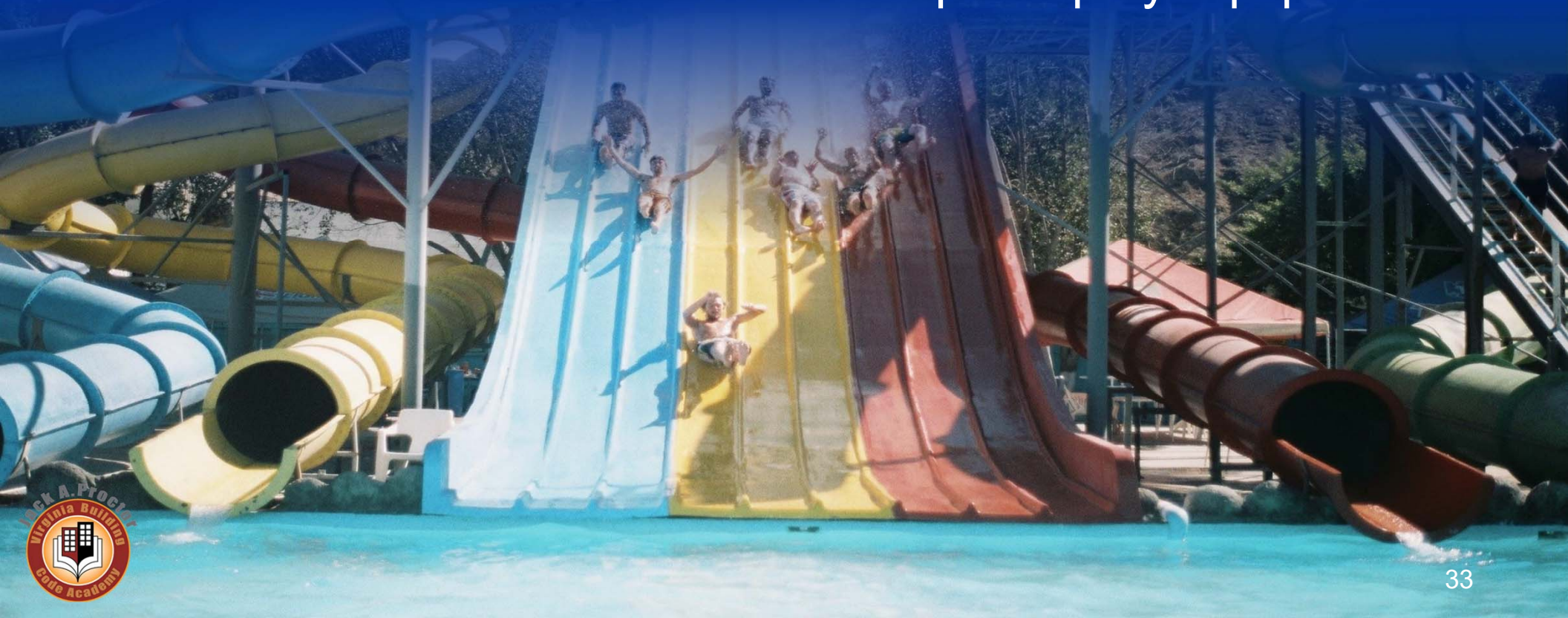
13VAC5-31-20; 13VAC5-31-30; 13VAC5-31-40; 13VAC5-31-75; 13VAC5-31-300 Trampolines and trampoline courts

- Trampolines and trampoline courts to be regulated as amusement devices.



13VAC5-31-40 New ASTM F2461 standard

- New ASTM F2461 standard for aquatic play equipment



VADR Referenced standards

- Referenced standards have been updated.
- New standards added.



13VAC5-31-75 Documentation submission

- Even when a permit is not required for a device, the information that would be required on a permit application for small mechanical rides and inflatable amusement devices shall be submitted at least three days prior to operation.



13VAC5-31-75 Local building department

- Increases allowed fees to operate amusement devices. May increase fees up to 50% if re-inspection required.

Q+A Check-in



Admin Bundle Skill Check



Thank You!

- 4. A special thanks to ***** for their partnership, commitment of resources and time to the Jack A. Proctor Virginia Building Code Academy in developing this presentation.



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