



### Joel Harper

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### **Manufactured Housing**

**Certification Renewal Training** 



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MHC Consultants LLC	
Course Information	
This course qualifies and has been approved by the Department of State for credit for continuing education for the manufactured housing certification program.	
3 hours, Manufactured Housing Continuing Education	
Course number: mfg000???? Course provider: MHC Consultants LLC Location:	
MHC Consultants LLC	
Attendees must be in the webinar within these parameters to receive credit	
Joining – Before the scheduled start time to 15 minutes after the	
scheduled start time.  • Leaving – more than 10 minutes before the end time of actual	-
presentation.	
Joining and leaving outside of the above timeframes will prohibit attendees from receiving course credit.	
MHC Consultants LLC	
Course Attendance Issues	
MHC Consultants LLC cannot give course attendees credit for a course without the meeting the required milestones:	
Polls: You have been sent an invitation to the email you used to register from: <a href="mailto:joel@consultwithmhc.com">joel@consultwithmhc.com</a>	-
You <u>must</u> complete the poll questions, or you will not be sent a certificate.	

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Course Attendance Issues	
To receive credit for today's seminar you must:	-
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MHC Consultants LLC	]
Course Attendance Issues	
To receive credit for today's seminar you must:	
<ol> <li>Successfully complete the polls. This is your proof of class participation.</li> </ol>	
participation.	
MHC Consultants LLC	1
Course Attendance Issues	
To receive credit for today's seminar you must:	
1. Successfully complete the polls. This is your proof of class	
participation.  2. Have a 65% attention to duration ratio. This is the computer tracking	
you.	
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### **Course Attendance Issues**

To receive credit for today's seminar you must:

- 1. Successfully complete the polls. This is your proof of class participation.
- 2. Have a 65% attention to duration ratio. This is the computer tracking you.
- 3. Provide us with the correct email address. If your email address is different for GoTo than the one you registered with, let us know. This is the only way we can show 1. and 2. are true.

### MHC Consultants LLC

### **Course Development**

Utilized Installation Instruction Manual for





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Thank you to: Ed Ostrander, General Manager; Mike Perri, Service Manager; Champion Home Builders, Titan Homes Division - Sangerfield, NY

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### MHC Consultants LLC

### **Course Development**



### www.blevinsinc.com

Thank you to: Fred Smith and Tiffany Lawrence for providing manuals, tech specs and demonstration equipment

**Course Development** 



### www.skylinehomes.com

Thank you to: John Jacon for providing images and technical assistance

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### **MHC Consultants LLC**

### **Course Development**

Utilized Installation Instruction Manual for



Thank you to: Christopher Therrian for providing images and technical assistance

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### **Course Development**



William Sherman Administrator – Manufactured Housing Division of Building Standards and Codes



Special thank you to: William Sherman for his invaluable assistance in the creation of this program, and for asking me a question one time at a meeting.

MHC Consultants LLC	
What is a Manufactured Home?	
· A structure designed as a <b>dwelling</b>	
24CFR 3280.2 "Dwelling: one or more habitable rooms which are designed to be occupied by one family with facilities for living, sleeping, cooking and eating"	
	-
MHC Consultants LLC	ล
What is a Manufactured Home?	
A structure designed as a dwelling	
Manufacturers may not design or build HUD code homes for multifamily or other non-single family residential use.	
Retailers may not sell HUD code homes for purposes other than single family use	
MHC Consultants LLC	
What is a Manufactured Home?	

### What is a Manufactured Home?

- · A structure designed as a **dwelling**
- · Transportable in one or more sections
- · 8 feet wide (or more) in the traveling mode
- · 320 square feet or larger
- · Built on a permanent chassis
- · With or without a permanent foundation
- $\cdot$  Pre-installed plumbing, heating, hvac
- · Built after June 15, 1976 And...

MILIC	Concultante	T T

### What is a Manufactured Home?

 Bearing a seal signifying conformance to the design and construction requirements of the Department of Housing and Urban Development, Manufactured Home Construction and Safety Standards, 24 CFR Part 3280 (HUD Code)



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### What is a Manufactured Home?



### What is a Mobile Home?

"A manufactured home is not a motor home or trailer, and although it is often called a "mobile home," it is not that either." \*

- · A structure designed as a **dwelling** · Built before June 15, 1976

And...

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### What is a Mobile Home?

May or may not contain a label certifying compliance with NFPA, ANSI or a specific state standard.







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What is a Park Model Home?	
<ul> <li>A structure designed as a <b>temporary</b> dwelling</li> <li>Seasonal Use</li> </ul>	
Transportable by LD truck Built on a single chassis 400 Sq Ft or less	
And	
MHC Consultants LLC	
What is a Park Model Home?	
A structure designed as a <b>temporary</b> dwelling	
Seasonal Use     Transportable by LD truck	
Built on a single chassis     400 Sq Ft or less	
And	
May or may not contain a label certifying compliance with ANSI A119.5  "Recreational Vehicle" standard.  **Recreational Vehicle**  **Recreation	
"Recreational venicle" standard.	
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MHC Consultants LLC	1
What is a Park Model Home?	











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### **Financial Security**

"A person or business entity certified...

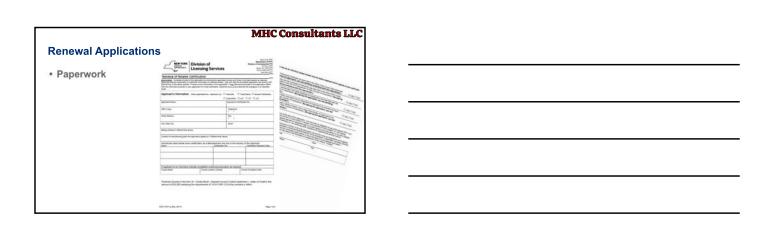
must maintain an acceptable deposit account, letter of credit or surety bond in full force and effect...

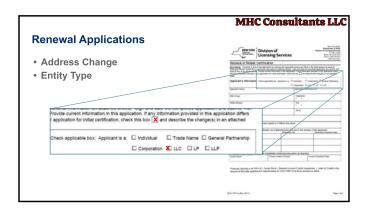
MHC Consultants LLC	
Financial Security	
"A person or business entity certified	
must maintain an acceptable deposit account, letter of credit or surety bond in full force and effect	
At all times while certification is in effect;	
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MHC Consultants LLC	
Financial Security	
"A person or business entity certified	
must maintain an acceptable deposit account, letter of credit or surety bond in full force and effect	
At all times while certification is in effect;	
At all times while certification is suspended; and	
At all times write certification is suspended, and	-
MHC Consultants LLC	1
Financial Security	
"A person or business entity certified	
must maintain an acceptable deposit account, letter of credit or surety bond in full force and effect	
At all times while certification is in effect; At all times while certification is suspended; and	
At all times following the expiration or revocation of certification until the expiration of timeframe under which a homeowner can file a complaint	
·	

MHC Consultants LLC	
Financial Security	
"A person or business entity certified	
timeframe under which a homeowner can file a compliant	
If complaint has been filed, until such time as complaint is resolved.	
21-B Order satisfied; or	
2. 21-B Judgment satisfied; or	
Appeal timeframe has expired	
MHC Consultants LLC	
MHC Consultants LLC	
Corporations, LLC's, LLP's	
These business entities applying for recertification must	
employ	
(1) at least one certified person  • That employee must apply for limited certification	
• meeting the appropriate experience and education	
requirements	
December 6 and a second live for a	
· Payment of appropriate application fees	
MHC Consultants LLC	
Individuals Applying for Certification	
Meets the appropriate experience and education	
requirements.	
Payment of appropriate application fees	
· DBA's	
- DOS is now issuing certifications in the name of DBA's	
-	

# Renewal Documents Approx. 90 Days prior to your expiration Mailed to your address of record Don't rely entirely on DOS OFFICION OF LICENSES MATRICS Life and Life and the state of the s

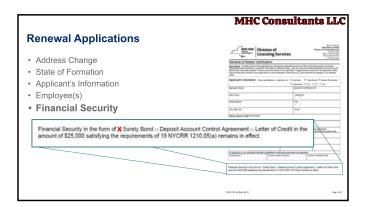
ATTENDANCE HERE TODAY DOES NOT AUTOMATICALLY GRANT CERTIFICATION  OU must file appropriate application(s)  For the base of the state	
Division of Light Services  Enterest of Limits Certification  The agreement of Limits Certificat	You must file appropriate application(s)
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	APPLICAST'S INFORMATION Check applicable loc: Applicant is a _ Standarducturer   Partialer   Installer   Mechanic

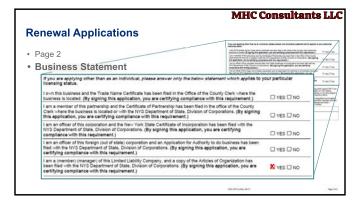














### **Applications Attestation**

You certify that as of the date of application you are

- Under no obligation to pay child support
  OR
- If under a child support payment obligation

  Not more than 4 months in arrears or are making payments under plan
- Have Workers' Compensation & Disability Benefits Coverage OR
- Qualify for and have exemption from coverage requirements

## Limited Renewal Applications Limited Type Applicants Information Continuing Education Course Employer Attestation/Signature New york Division of Licensing Services Penewal of Limited Certification MHC Consultants LLC Limited Renewal Applications New york Division of Licensing Services New york Division of Licensing Services New york Division of Licensing Services

# Pay the Application Filling Fees | Entity | Renewal | | Manufacturer | \$200 | | Retailer | \$200 | | Installer | \$200 | | Mechanic | \$100 | | Limited | \$25 | | Owner Occupant | N/A

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The check amount is wrong. Licensing recommends individual checks for individual applications.

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- The check amount is wrong. Licensing recommends individual checks for individual applications.
  License number. Your current number must be on the form. VERIFY IT'S CORRECT!

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### TOP REASONS WHY:

- The check amount is wrong. Licensing recommends individual checks for individual applications.
- License number. Your current number must be on the form. VERIFY IT'S CORRECT!
- ALWAYS include the course completion certificate! Double check to make sure that the name on your certificate matches your application. A legal name on one and a nickname on the other will be rejected.

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### The New York Housing Association in parmership with the New York Department of State hereby seases this Certificate of Completion This was aknowledge that Joel Harper has successfully completed the Three Hout Continuing Education Course #MFG0000105 held October 18, 2024 with Joel Harper, Trainer. NEW YORK HOUSING ASSOCIATER RG. Journal of The New YORK HOUSING ASSOCIATER RG.






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- Just as you limited certification expires, so does the entity's. DON'T FORGET TO RENEW IT!

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- Previous experience detail. Licensing wants much more detail. Saying general contracting is not enough detail.




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- On length of employment, putting current.

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### Regulation: Part 1210 Certification.

Multiple Categories
 Such as:

Manufacturer & Retailer Retailer & Installer Retailer & Mechanic

· Installer with a Limited Mechanic

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### Regulation: Part 1210 Certification.

Multiple Locations (manufacturers/retailers)

Operating more than one plant or sales location

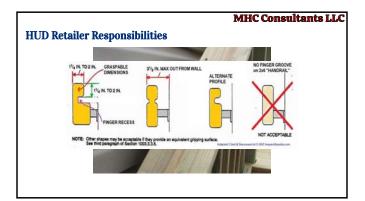
- · Such as Skyline Champion Corporation
  - 36 manufacturing facilities throughout US
  - 9 currently certified for NY

Skyline Homes, Champion Homes, Redman Homes, Titan Homes, Atlantic Homes and others  $\,$ 

- · or CMH Homes, Inc. (fka: G&I Homes)
  - 6 retail sales centers in NY

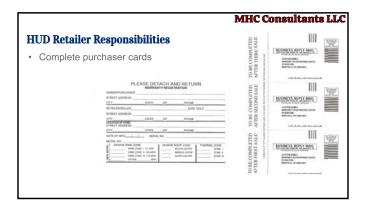
Manufacturer Responsibilities CFR 3282 Procedural and Enforcement Regulations	
Remedial Actions to Consumer Complaints     Must INVESTIGATE within 30 days     Is it a MANUFACTURING PROBLEM and does it require	
action	
<ul> <li>In addition, RESEARCH factory records</li> <li>Is there a "CLASS" of homes</li> <li>If so, PLAN of notification and correction</li> </ul>	
MHC Consultants LLC	
HUD Retailer Responsibilities	
<ul> <li>The structure must be suitable for the climate zones of the project site.</li> </ul>	
<ul> <li>Retailers cannot alter a home in any manner that would disqualify it as complying with the HUD code. This is through installation or when it is given over for delivery.</li> </ul>	
	1
MHC Consultants LLC HUD Retailer Responsibilities	





### **HUD Retailer Responsibilities**

- · Manufacturer's Warranty Seal
- To notify the manufacturer of any defects or non-compliance.
- Retailer must notify the manufacturer of any consumer complaint on any non-complying defect.



### HUD Retailer Responsibilities Dispute Resolution Notice Federal Requirement Obtain Consumer Acknowledgement Maintain copy for Retailer records We for the state of the st



	MHC Consultants LLC
<b>HUD Retailer Responsibilities</b>	*** ********* ** ******
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Installation Disclosure Notice	CONSUMER DISTALLATION DISCLOSURE
Federal Dequirement	Billotte Onder 37: 380 de Unied Sees Department of Bromay and Union Development (H.D.) replaces respect that price in the assistance of a other on book agreement for a second-latent formula have march the assistance of book on the content of the content of the content of the
homes (new or pre-owned) are required to be	
York State installation requirements. All ma- to July 12, 2021, are required to have ca	
accordance with the Uniform Code in effect a	
constructed on or after this date shall	
accordance with the HUD Code. Building pe	rmits from the local jurisdiction are
	process recovery one cost recognitions only also was process and costs and c
	Season. Additional information regarding New York State installation registerises are to obtained their the intellet or from the Manufactured Nousing United of the Season York State Department of State, Division of Building.
	Banderts and Circles, One Comments Plata, 99 Weshington Ave., Suits 1165, Albany, N.Y. 1221-0000.
	description building Standards and Colors and Colors
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HUD Retailer Responsibilities	MHC Consultants LLC
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MHC Consultants LLC	
HUD Retailer Responsibilities	
Provide temporary blocking per manufacturer's instructions	
MHC Consultants LLC HUD Retailer Responsibilities	
Provide temporary blocking per manufacturer's instructions	-
MHC Consultants LLC Preemption	
No state or local authority may establish any standard regarding construction or safety which is not identical to	
New homes are 'CERTIFIED' to comply with provisions of	
Manuf. certifies to LAHJ, retailer and purchaser Retailer & Installer certify to LAHJ and purchaser	
A home not in compliance with the Standards is not preempt	

MHC Consultants LLC  Preemption Exercise  The LAHJ requires: Arc fault protection provided in the home  MHC Consultants LLC  Preemption Exercise  The LAHJ requires: Arc fault protection provided in the home  §3280.801(b) The use of arc-fault breakersis not required
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MHC Consultants LLC
Preemption Exercise
The LAHJ requires:
Arc fault protection provided in the home
Shipped loose assembled drain lines insulated

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Preemption Exercise		
The LAHJ requires:		
Arc fault protection provided in the home		
Shipped loose assembled drain lines insulated		
50psf roof snow load		
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Preemption Exercise		
The LAHJ requires:		
Arc fault protection provided in the home		
Shipped loose assembled drain lines insulated		
<u>50psf roof snow lo</u> ad		
#6 copper wire to bond chassis of a multi-section		
home		
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Preemption Exercise		
The LAHJ requires:		
Are fault protection provided in the home		
-Shipped loose assembled drain lines insulated		
<del>50psf roof snew loa</del> d		
#6 copper wire to bond chassis of a multi-section home		
Carbon monoxide alarm in the home		

Preemption Exercise	
The LAHJ requires:	
Arc fault protection provided in the home	
-Shipped loose assembled drain lines insulated	-
#6 copper wire to bond chassis of a multi-section home	
Carbon monoxide alarm in the home	
When was the home built?	
MHC Consultants LLC	1
SER LINES	
Carbon Monoxide Alarms  R315 Carbon monoxide alarms shall be provided in	
accordance with §915 of the Fire Code of NYS	
New and existing <b>residential buildings</b> that contain a	
fuel-burning appliance.  - Residential building: "A building that is a one-family dwelling, a two-family dwelling, or a building containing only townhouses."	
- Fuel-burning appliance: "Any appliance, equipment, device, machine, or system that may emit carbon monoxide." Examples	
<ul> <li>Fuel-burning appliance: "Any appliance, equipment, device, machine, or system that may emit carbon monoxide." Examples include, but are not limited to: fireplaces, wood stoves, fuel-fired furnaces, space heaters(pilot or open flames), kerosene heaters, stoves/ovens/ranges, gas appliances(dryers, refrigerators, etc.), gas-powered engines(generators, pumps, pressure washers, power tools, automobiles)</li> </ul>	
gas-powered engines(generators, pumps, pressure washers, power tools, automobiles)	
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MHC Consultants LLC	
Carbon Monoxide Alarms	
<ul> <li>Primary power: permanent building wiring, and with battery back-up</li> </ul>	
- Constructed prior to 1/1/2008 can be battery, cord, plug in	
Interconnection of multiple devices	
Combination carbon monoxide/smoke alarm shall be acceptable	
When installed in conformance with the Uniform Code requirements for BOTH carbon monoxide alarms and smoke alarms	
Maintained operational or replaced	

### **Carbon Monoxide Alarms**

- · Located in accordance with this F915.3
- "...Avoid dead air spaces, turbulent air spaces, fresh air returns, open windows, HVAC ducts, closed doors, and other such obstructions that could prevent carbon monoxide from reaching the detector..."
- In any specific room containing a fuel-burning appliance (F915.3.1)

  - Living room with a fire place
     Kitchen with a LP/NG stoves/ovens/ranges
     Bedroom with a kerosene heater...

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### **Carbon Monoxide Alarms**

- Outside of sleeping areas and within 10 feet of the entrance to the  $\emph{sleeping areas}$  (F915.3.1.3)
  - Unless otherwise required inside the sleeping area by another section
- Homes with attached garages: within 10 feet of the entrance to the **sleeping areas** (F915.3.3)
  - Sleeping area: "A room or space that can be used, either on an occasional or permanent basis, for sleeping. Sleeping area include, but are not limited to, bedrooms, finished rooms in basements, family rooms, recreation rooms or other similar area in residential buildings..."

### **MHC Consultants LLC**

### **Carbon Monoxide Alarms**

Outside of and within 10' of a sleeping area—(F915.3) "A room or space that can be used, either on an occasional or permanent basis for sleeping. Sleeping area include, but are not limited to, bedrooms...family rooms..."



### **MHC Consultants LLC** arbear wichoxi ae An rme is sile t - N requir r Effective July 12, 2021 MHCSS will contain requirements for carbon monoxide alarms thereby rendering them preempt like smoke alarms. MHC Consultants LLC **HUD Code Changes** • Changes to 24 CFR 3280, 3282, and 3285 go into effect on March 17, 2025. • The following are some highlights of those changes, and do not include all changes to the Code. MHC Consultants LLC **HUD Code Changes continued** Up to four unit manufactured homes: Changes to regulatory language allow single family manufactured homes to offer up to four dwelling units while ensuring comprehensive fire safety to occupants by adding benchmarks and guidelines that meet Manufactured Housing • Op to our our manuscretor owns, and a consequence of the conseque appliances Additional process efficiencies that save time and reduce costs: Improved language stipulating percepuisites for the process of obtaining installation licenses increase flexibility for installates updates to water system piping testing procedures decrease on-site testing time; and utilization of appliance QR codes for manuals and information will reduce paperwork and bookkeeping.

### **HUD Code Changes continued**

**HUD Code Changes continued** 

- Up to four unit manufactured home: Changes to regulatory language allow single family manufactured homes to offer up to four dwelling units while ensuring comprehensive fire safety to occupants by adding benchmarks and guidelines that meet Manufactured Housing

  Open floor plans, trans designs, and specifications for attics. The updated requirements for exterior door separation and structural design enable open floorplans that maintain fire safety, earlier wine clear provisions, and enable opinization of trans designs, and packed firm in the safety, and the clear proteins and translation of trans designs, and packed firm in addition, the final rule includes more clarity regarding structural design requirements for attics.

  Ridge roof designs. Revised definitions and regulatory language allow certain specified roof ridge designs Repeak cap and peak filp roof assemblies) without a requirement for specific on-site inspections by a HLD-approved agency, except for certain exclusions. This type of roof installation is common through the industry and uses technology that is time tested. This undeat is sherifical for manufacturers and consumers by incorporating more recent design practices into the regulations and climinating unnecessary inspections and associated costs, pipings) and products align with other building standands, allow the use of none modern design approaches and installation of alternative materials, and improve the quality and safety of homes for consumers.

  \*\*Accessibility improvements: Modifications to standards for accessible showers comply with national disability standards for roll in showers. This climinates the need for HLD alternative construction approval and reduce cost and burdens for manufacturers and consumers.

  \*\*Modern and energy-aving appliances: Updated and newly added standards allow for the use of more modern adverge efficiency appliances, including gas-fired naticless water heaters, eliminating the need for HLD alternative construction approval for use of the open of the propos

- seplinnes.

  Additional process (fficiencies that save time and reduce costs: Improved language stipulating prerequisites for the process of obtaining installation licenses increase flexibility for installers; updates to water system pring testing procedures decrease on-site testing time; and utilization of appliance QR codes for manulas and information will reduce preprieved, and hookedeping.

•	Up to four unit manufactured homes: Changes to regulatory language allow single family manufactured homes to offer up to four dwell-
	units while ensuring comprehensive fire safety to occupants by adding benchmarks and guidelines that meet Manufactured Housing
	Construction and Safety standards.
•	Open floor plans, truss designs, and specifications for attics: The updated requirements for exterior door separation and structural design
	enable open floorplans that maintain fire safety, clarify unclear provisions, and enable optimization of truss design. In addition, the final ru
	includes more clarity regarding structural design requirements for attics.
•	Ridge roof designs: Revised definitions and regulatory language allow certain specified roof ridge designs (peak cap and peak flip roof
	assemblies) without a requirement for specific on-site inspections by a HUD-approved agency, except for certain exclusions. This type of
	roof installation is common through the industry and uses technology that is time-tested. This update is beneficial for manufacturers and

- roof installation is common through the industry and uses technology that is time-tested. This update is beneficial for manufacturers and consumers by incorporating more recent design practices in the regulations and eliminating unnecessary inspections and associated costs.

   Materials but facilitate modern design approaches and improve quality: Updates to reference standards for materials (two), steel

   and a second of the proposed control of the proposed control of the proposed control of all remarkers, and improve the quality and safety of home for consumers.

   Accessibility improvements: Modifications to standards for accessible showers comply with national disability standards for roll in showers. This eliminates the need for HUD all-entarive construction approval and reduce cost and burders for manufacturers and consumers.

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- appliances.

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### MHC Consultants LLC

### **HUD Code Changes continued**

- Up to four unit manufactured homes: Changes to regulatory language allow single family manufactured homes to offer up to four dwelling
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- appliances.

  Additional process efficiencies that save time and reduce costs: Improved language stipulating prorequisites for the process of obtaining installation licenses increase Texhbirty for installates; updates to water system pring testing procedures decrease on-site testing time; and utilization of adjoinact QN code for immalish and information will reduce appreciated and tookkeeping.

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MHC Consultants LLC	
Installer Responsibilities	
<ul> <li>Foundation inspected &amp; approved by LAHJ</li> <li>1210.16(e)(2) "include, without limitation, a warranty that the foundation or supportswere inspected and approved by the governmental agencyresponsible for enforcing the uniform code in the jurisdiction in which the manufactured home was installed</li> </ul>	
Foundation must meet UFPBC	
MHC Consultants LLC	
Installer Responsibilities	
<ul> <li>Foundation inspected &amp; approved by LAHJ</li> <li>Installation meets UFPBC         <ul> <li>AE401 "installation instructions provided by the manufacturer."</li> <li>Including connections to utilities</li> </ul> </li> </ul>	
Alternative Construction Inspections – notify Manuf.	
MHC Consultants LLC	
Installer Responsibilities	
Foundation inspected & approved by LAHJ     Installation meets all aspects of UFPBC	
Covering the work of others (subcontractors)     Oversight     Documentation	

MHC Consultants LLC	
Do NOTs	
Do not place a warranty seal if you cannot warrant the work of others.	
Do not place a warranty seal if you cannot do the work correctly. Find someone who can!	
The Installer of Record cannot select or omit any part of the work required to make the home suitable for use as a dwelling.	
	-
MHC Consultants LLC	
Do NOT's	
· Do not place a warranty seal if the installation	
IS NOT COMPLETE	
ie: deck, stairs, handrails, etc. "You just bought the noncompliance"	
MHC Consultants LLC	
Warranty Seals	
Guarantee from the Manufactur  Approved by HUD  STATE OF NEW YORK  DEPARTMENT OF STATE  MANUFACTURER'S  WARRANTY SEAL	
Construction per HUD codes     A. Warranty Seal Number 1907654 SAMPLE     B. Name of Manufacturer.	
Certified by DOS     C. Manuf. Certification Number 1MAN00828     D. Dele of Manufacture:     E. Manuf. Serial Number:	
F. Signature; some control.  VOID IF REMOVED, THIS SEAL certifies manufacturing complained.	-
with the Ricigalization for Manufacturated Insome in accordance with Title is low-time Codes. Rate and Ricigalization Fast 1210. NOMEONEMER, Exchange Laborated the manufacture or produce, or exchange Compartment Confidence in manufacture or produce, or exchange Compartment of Codes and 516 of 427 feb 10 ms or Congress.	
Companies to contract a 1912 A 4 at 2012 from \$ 5000 from \$	

### Warranty Seals Guarantee from the Manufacturer Guarantee from the Installer Installed per code Installer Certified by DOS Foundation approved Also req. for "Owner-occupant" MHC Consultants LLC STATE OF NEW YORK DEPARTMENT OF STATE STATE OF NEW YORK DEPARTMENT OF STATE New anardicular home A Warranty Seal Runche: 907654 SAMPLE Linealizer Certification Number: D. Date of Installation Linealizer Certification Number: D. Date of Installation address: Linealizer Certification Number: D. Date of Installation address: Linealizer Certification Number: S. University Installation address: Linealizer Certifi

## Warranty seals Permanently attached Largest closet in the largest bedroom



### MHC Consultants LLC

 If an owner contracts work themselves, they are still required to hire a certified entity to oversee the work and affix a warranty seal.

### If it happens at the site The LAHJ has the right

Including:

- · work outside of HUD Code
- · not authorized by manufacturer
- · non DAPIA repairs



### MHC Consultants LLC

### No CO shall be issued !!!

- · After January 1, 2006
- · UNLESS:
  - Manufacturer's seal is attached

AND



MHC Consul	tants	LL
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### No CO shall be issued !!!

- · After January 1, 2006
- Mai

ΑN

. UNLES 1210.16(g) No authority having jurisdiction shall issue a CofO for any MH unless... "the installer's warranty seal...has been attached to such manufactured home;"



## No CO shall be issued !!!

- · After January 1, 2006
- · UNLESS:
  - Manufacturer's seal is attached
  - Installer's seal is attached



- The government entity shall NOT RELY on the Installer's Seal
  - Independent inspection of the installation must be made

## No CO shall be isst After January 1, 20 UNLESS: Manufacturer's Installer's seal Independent in

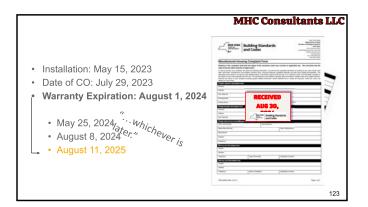
MHC Consultants LL(
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## C. of O. and Warranty Seals

- · Pay attention to 1210.18(b)
  - A complaint...filed with the DOS within 1 year & 10 days after the date of service, installation, issuance of a certificate of occupancy, or the expiration of a warranty, whichever is later.

MHC	Consultants LLC		
Installation: May 15, 2022			
	117		
МНС	Consultants LLC		
Installation: May 15, 2023			
• May 25, 2024			
	118		
МНС	Consultants LLC		
<ul><li>Installation: May 15, 2023</li><li>Date of CO: July 29, 2023</li></ul>			
Sate of 66. 64ly 25, 2025		-	
• May 25, 2024			
	119		

	MHC Consultants LLC	7		
Installation: May 15, 2023				
Date of CO: July 29, 2023				
, , , ,				
May 25, 2024				
- August 8, 2024				
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	MHC Consultants LLC	9		
Installation: May 15, 2023				
• Date of CO: July 29, 2023		l —		
Warranty Expiration: August 1, 2024				
• May 25, 2024				
• August 8, 2024				
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	MHC Consultants LLC	:		
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Installation: May 15, 2023				
<ul> <li>Date of CO: July 29, 2023</li> </ul>				
• Warranty Expiration: August 1, 2024		-		
• May 25, 2024, whichever is			 	
• August 8, 2024 er, "Chever				
• August 11, 2025				
<u> </u>		I —		
	122			







No Homes Installed this Quarter?	If you have not installed any homes in the State of New York for this reporting period mark an <b>X</b> in the box and mark <b>NONE</b> in Schedule of Installed Units section and then mail this report.	
Has your address or business information changed?	If so, call the Dept. of State at (518) 474-4073 or mark an $\boldsymbol{X}$ in the box and enter new information above.	
Final Report?	If so, mark an X in the box if you are discontinuing your business operations and this is your final report. Attach your Certification and unused warranty seals to this report.	
Accountability for Unus Physical count of unused wa	B. 19 19 19 19 19 19 19 19 19 19 19 19 19	

			MHC Consultants LLC
Installer's Reporting	Installer's Go	arterly Marranty Seel S	laport
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	NAME AND ADDRESS OF THE OWNER, TH	THE REAL PROPERTY.	MOTOR -
<ul> <li>Warranty Seal No.</li> </ul>	1871	2000 2000	P. Sections
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ment of State pursuant to Article dge, information and belief and ertifies that all manufactured in and Building Code.  Member
4073







## **MHC Consultants LLC Enforcement Actions** Failure to file Quarterly Report · Violation Article 21-B · Plea Agreement Settlement Letter - Fine amount \$100 - Returned by indicated date - case closed Failure or request for hearing then · Referred to Office of Administrative Hearings · Fine Increased!!! $\cdot$ OAH moves ahead this hearing process **MHC Consultants LLC Condition of Certification** ... shall be deemed to agree (1) to submit to the jurisdiction of the DOS (2) to accept service of any notice, complaint, or other paper provided by the DOS (3) be bound by any consent order, decision, or final decision and order made

## MHC Consultants LLC

## **Dispute Resolution Process**

Department of State Review

- · Complaint valid or not
- · Notification to parties involved
- Parties have 30 days to respond to DOS notification (1210.18(e))

Informal Resolution	
The Codes Div. shall be permitted, but not required, to attempt to resolve any complaint informally	
Process may be commenced at any time after complaint filed	
135	
MHC Consultants LLC	1
Informal Resolution	
<ul> <li>If Codes Div. elects out or attempts are unsuccessful, referred to Office of Administrative Hearings</li> </ul>	
NEW YORK STATE Administrative Hearings	
136	
MHC Consultants LLC	1
Formal Resolution in front of a Law Judge   Department of State   Administrative Hearings	
Complainant v. Respondent	
405	

## Formal Resolution in front of a Law Judge Department of State Administrative Hearings



- · Complainant v. Respondent
- Order compensation
- · Apportion liability between multiple parties, where appropriate.

138

## **MHC Consultants LLC**

## Formal Resolution in front of a Law Judge Department of State Administrative Hearings



- Complainant v. Respondent
- Order compensation
- · Apportion liability between multiple parties, where appropriate.
- Compensation shall not be limited to financial security amounts

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## **MHC Consultants LLC**

Appeal to the Secretary of State, Walter T. Mosley





### Judicial Review

- Article 78 of Civil Practice Law and Rules
- New York Supreme Court
- · Review agency actions
- · Make determination



141

## **MHC Consultants LLC**



## Enforcement Actions

## **Civil Penalties**

Violations of Executive Law 21-B

- Violations of 24 CFR(As of March 25, 2024)

  - Up to \$3,558 per single violation
    Up to \$4,446,755 for a series of related violations

OMB has set the increase amount for 2025 at a rate of 1.02598, which would mean a new fine amount of \$3,650. This amount has not been published in the Federal Register, so it is not official.

142

## MHC Consultants LLC



## Additional Enforcement Actions

- · Sale of units to Uncert'd Retailer
- · Business during Lapse of Cert
- · Business while not Certified period
  - "Nothing...shall excuse any person or business entity required to be certified from the obligation of obtaining such certification."

MHC Consultants	B LLC	
Violations found during Retail Lot Audit		
Temporary Storage		
- Dispute Notices		
Purchaser Cards		
<ul> <li>Delivery Inspections</li> </ul>		
<ul> <li>Notifications to Manufacturer of complaints or non conformances</li> </ul>		
	144	
MHC Consultants	LLC	
<ul> <li>Violations found during Dispute Resolution</li> </ul>		
Additional action will be brought by DOS against the responsible		
party for any non-compliance concerning Manufacture, Sale,		
Installation or Service, not related to original complaint.		
	145	
	145	- <u> </u>
MHC Consultants	s LLC	
Suspension and Revocation of Certifications		
Substantial violation of Article 21-B or this Part		
Material misstatement in any application		
Fraud or fraudulent practices		
Dishonest or misleading advertising		
Untrustworthiness or incompetency		
Failed to comply with Article 21-B order		
Ceased to satisfy the financial responsibility		
Manufacturer ceased to be approved by HUD		
Failed to complete continuing education requirements		
. aa to complete continuing oddoditor requirements		
	146	
	140	

# MHC Consultants LLC ITS INTERNISSION TIME, Follow

## **MHC Consultants LLC**



10:00

148

## Residential Code, Appendix E: Manufactured Housing Used as Dwellings 2015 International Residential Code as modified by the 2017 Uniform Code Supplement Effective: October 31, 2017 – May 11, 2020

MHC Consultants LLC
Residential Code, Appendix E: Manufactured Housing Used as Dwellings
2020 Residential Code of New York Stat
Effective: May 12, 2020
The same trap

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## Residential Code, Appendix E: Manufactured Housing Used as Dwellings

Scope... applicable only to a manufactured home used as a **single dwelling** unit ...

- · Foundations for Installation
- · Connections to Services
- · Alterations, additions, repairs or relocation
- · Flood Zones

## MHC Consultants LLC

## Residential Code, Appendix E: AE 102.5 Existing Occupancy

 The use or occupancy of any existing manufactured home shall not be changed unless such change in use of occupancy is made to conform to all applicable provisions of this code. Upon any change in use or occupancy, the manufactured home shall cease to be classified as such



Modification s Complying with



Equal Whateve r You need

## Residential Code, Appendix E: AE 102.7 Relocations

Relocated manufactured homes "SHALL have a manufacturers label certifying compliance with applicable HUD Manufactured Home Construction and Safety Standards, and a data plate, affixed in the manufacturing facility..."



## A statement "This manufactured home is designed to comply with the federal mobile home construction and safety standards in force at the time of manufacture." Reference to structural zone and wind zone. Data relative to the heating, insulation zone, and outdoor design temperature.

## MHC Consultants LLC

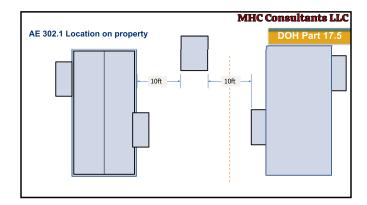
### **Relocation - Exception**

- Mobile homes manufactured **BEFORE** June 15, 1976, need not comply with these provisions if they have been inspected by an agency or individual acceptable to the building official to determine that they are:
  - Structurally sound
  - Free of heating and electrical system hazards
- Written documentation signed by the agency or individual performing the inspection shall be submitted to the building official

MHC Con:	sultants LLC	
Residential Code, Appendix E: AE 103 Permits and Inspections	_	
All New for the 2020 Residential Code of New		
York State		
	sultants LLC	
Residential Code, Appendix E: AE 103 Permits and Inspections  Permit shall be obtained to install, alter, remodel, remod	repair or	
add accessory buildings or structures to a manufa home	ctured	
	—	
MHC Con	sultants LLC	
Residential Code, Appendix E: AE 103 Permits and Inspections		 
<ul> <li>Permit shall be obtained to install, alter, remodel, r add accessory buildings or structures to a manufa home</li> </ul>	repair or ctured	
Application for permit shall include the identity of	the	
person or entity certified pursuant to Part 1210	-	
	ı	

MHC Consultants LLC	
Residential Code, Appendix E: AE 103 Permits and Inspections	
<ul> <li>Permit shall be obtained to install, alter, remodel, repair or add accessory buildings or structures to a manufactured home</li> </ul>	
<ul> <li>Application for permit shall include the identity of the person or entity certified pursuant to Part 1210</li> </ul>	
<ul> <li>Work shall be inspected – including, but not limited to the foundation, support, anchorage, connection of multi-sectional homes, and building service equipment.</li> </ul>	
MHC Consultants LLC	
Residential Code, Appendix E: AE 201 Definitions	
To partner with the definition in Article 21-b	
Manufactured Home Installation (and Setting). Construction	
that is required for the installation of a manufactured home, including the construction of the foundation system,	
required structural connections thereto and the installation	
of on-site water, gas, electrical and sewer systems and connections thereto that are necessary for the normal	
operation of the manufactured home.	
	-
	_
MHC Consultants LLC	
Residential Code, Appendix E: AE 201 Definitions	
To partner with the definition in Article 21-b	
<ul> <li>Manufactured Home Installation (and Setting). Construction that is required for the installation of a manufactured home,</li> </ul>	
including the construction of the foundation system,	
required structural connections thereto and the installation of on-site water, gas, electrical and sewer systems and	
Article 21-b: Installation means "the affixation he normal of a manufactured home to a foundation or	
supports at a building site; the assembly and	
fastening of structural components of"	

MHC Consultants LLC	
Residential Code, Appendix E:	
AE 201 Definitions	
I'm not installing it, I'm only moving, blocking and leveling	
STOP	
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MHC Consultants LLC Residential Code, Appendix E:	
AE 302.1 Location on property	
MH and accessory buildings shall be located in	
accordance with R302.1 or any other law or regulation regarding separation distances (local laws/zoning	
ordinances)	
MHC Consultants LLC	
Residential Code, Appendix E: AE 302.1 Location on property	
MH and accessory buildings shall be located in	
accordance with R302.1 or any other law or Such as perhaps regarding separation distances (local law	
ordinances)  Part 17.5 which requires 10'	
minimum spacing  — 10ft → between homes and	
accessory buildings	
or structures	



## Residential Code, Appendix E: AE401 New Home Installation Install according to manufacturers installation instructions

# Residential Code, Appendix E: AE401 RELOCATED Home Installation Install according to manufacturers installation instructions If not available...

## **MHC Consultants LLC** Residential Code, Appendix E: AE401 **RELOCATED Home Installation**

- · Install according to manufacturers installation instructions
- · If not available... - HUD Model Installation Standa (24-CFR-3285, 2016)

**RELOCATED Home Installation** 

HUD Model Installation Standar (24-CFR-3285, 2016)
 NFPA 225 (2017) Manufactured Home Installation

· If not available...

## **MHC Consultants LLC** Residential Code, Appendix E: $\boldsymbol{\cdot}$ Install according to manufacturers installation instructions

## **MHC Consultants LLC** Residential Code, Appendix E: AE402.3 Footings & Foundations Footings and foundations shall be constructed...and in all cases **shall** extend below the frost line.

MHC Consultants LLC	
Residential Code, Appendix E: AE402.3 Footings & Foundations	
ExceptionWhere a foundation system is designed by a registered design professional in accordance with the design requirements of the Manufactured Home Standards and the provisions of this code such that it will	
otherwise be protected from the effects of frost, such foundation system shall not required to extend below the frost line.	
All cast-in-place concrete shall be minimum 3,000 psi at	
28 day compressive strength	
MHC Consultants LLC	
Alternative Foundations Additional Requirements	
Foundation Design	
Before installer provides support or anchorage different than specified in the installation instructionsinstaller must:	
mstanation instructionsinstanter must.	
	_
MHC Consultants LLC	
Alternative Foundations Additional Requirements	
Foundation Design	
Before installer provides support or anchorage different than specified in the installation instructionsinstaller must:	
1. Obtain DAPIA-approved designs and instructions prepared by manufacturer; or	

## **Alternative Foundations**

**Additional Requirements** 

Foundation Design

**Before** installer provides support or anchorage different than specified in the installation instructions ...installer must:

- 1. Obtain DAPIA-approved designs and
- instructions prepared by manufacturer; or 2. Obtain alternative design prepared by licensed design professional indicating support and anchorage consistent with MH design conforms to requirements of HUD Code AND has manufacturer and DAPIA approval.

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### **Alternative Foundations Additional Requirements**

Foundation Design

**Before** installer provides support or anchorage different than specified in the installation instructions ...installer must:

- 1. Obtain DAPIA-approved designs and instructions prepared by manufacturer; or
- 2. Obtain alternative design prepared by licensed design professional indicating support and anchorage consistent with MH design conforms to requirements of HUD Code AND has manufacturer and DAPIA approval.

## STATE SEEDING

**MHC Consultants LLC** 

## **MHC Consultants LLC**

## Residential Code, Appendix E: **AE405 Exits**

Exterior stairways and ramps...shall comply with AE102.2 and all other applicable provisions of this code

### AE102.2 Additions.

R311 Means of Egress

Stairways, ramps...shall comply with this section R312 Guards

Porches, stairways, ramps more than 30" above grade

•		

MHC Consultants LLC	
Residential Code	
R311.5.1 Attachment  Required exterior stairs shall be positively anchored to the primary structure to resist both vertical and lateral forces  OR shall be designed to be self-supported	
HUD Code requires porches to be?	-
MHC Consultants LLC	
Residential Code R311.3 Landings at doors  Landing are required "on each side of each exterior door"	
Not less than the width of the door with a depth of 36"	
door with a depth of 50	
MHC Consultants LLC	
Residential Code	
R311.3.1 Landings at doors	-
• Landing not more than 1 ½ inches lower than the threshold	
Exception: Landing not more than 8 ¼ inches lower than the	
threshold, provided that the door does not swing over the landing	

## Residential Code R311.7 Stair measurement

- Minimum stair clear width: 36 inches
- Maximum Riser height:
   8 ¼ inches
- Minimum tread depth:9 inches
- Shall not exceed the smallest by more than: 3/8 inch



## Residential Code R311.7.6 Landings for stairways

There shall be a floor landing at the top and bottom of each stairway.

Minimum 36" x 36"



## Residential Code R403.1.4 Minimum [Footing] depth

Unless protected from frost... supports of buildings and structures shall extend below the frost line



BATTE	Consulta	mto TTC

## Residential Code R403.1.4 Minimum [Footing] depth

Unless protected from frost... supports of buildings and structures shall extend below the frost line

Exception: Deck not supported by a dwelling shall have a footing **not less than 12** inches below the undisturbed ground surface.

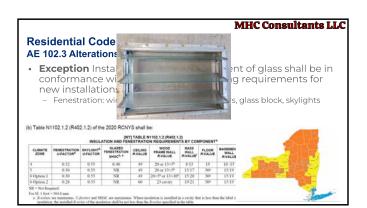


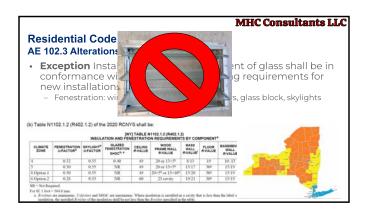


# Residential Code R312 Guards Decks, landing more than 30" above grade within 36" horizontally to the edge Open sided walking surfaces Guards meeting this drawing

MHC Consultants LLC	<u>c</u>	
Residential Code, Appendix E: AE 102.2 Additions	_	
Additions shall conform to one of the following:		
1. Certified under HUD Construction and Safety Standards Act	_	
<ol><li>Designed and constructed to conform with HUD Construction</li></ol>		
Designed and constructed to conform with new construction requirements this code (RCNY)		
	<b>_</b>	
MHC Consultants LLC	<u>c</u>	
Residential Code, Appendix E: AE 102.2 Additions		 
Building additions and accessory structures shall not be structurally supported by the manufactured home.	_	
<b>Exception.</b> Building additions and accessory structures		
supported by a MH shall be in accordance with designs provided by the home manufacturer or with designs		
prepared by a design professional in accordance with		
acceptable engineering practice.		
	」	
MHC Consultants LLC	ര	
Residential Code, Appendix E:	٦	
AE 102.3 Alterations and repairs	l <u> </u>	
<ul> <li>Alterations and Repairs allowed without requiring compliance with all the requirements of the Uniform Code</li> </ul>		
– Must conform to requirements of Appendix J	_	
<ul> <li>Create no hazard to life, health or safety by such addition, alteration or repair</li> </ul>	_	
Alterations and Repairs nonstructural in nature, not affecting structural members or fire protection maybe made with		
materials similar to original home construction		





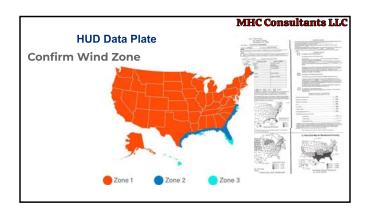


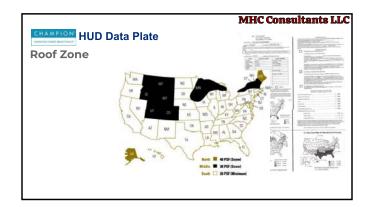


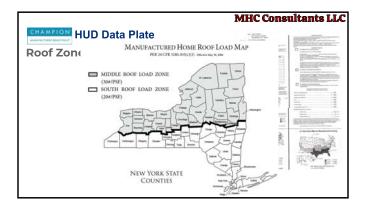
Locate the Data Plate

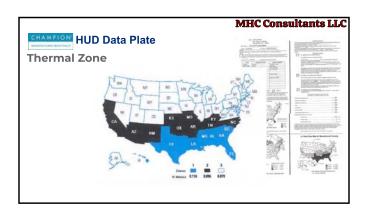
Confirm
Information
Equipment Data
Design Data

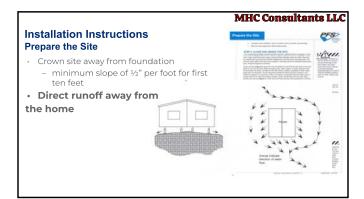




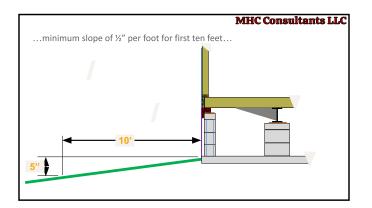






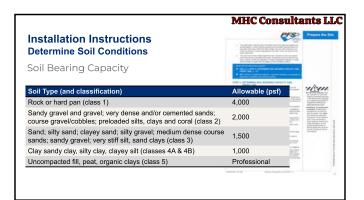


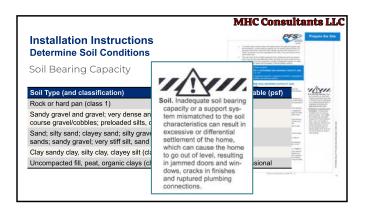
# Installation Instructions Prepare the Site Crown site away from foundation - minimum slope of ten feet Direct runoff away the home Site drainage. Moisture under the home and other parts of the home. Failure to provide adequate slope/drainage can result in moisture-related problems such as mold, mildew, and erosion.

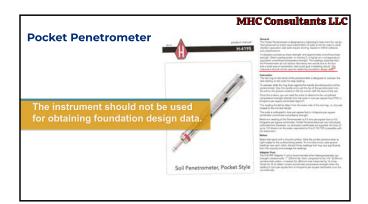


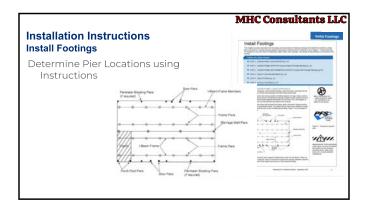


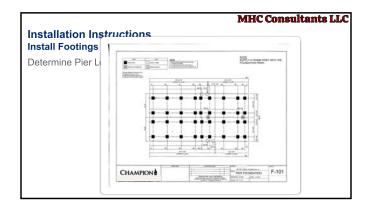
## Installation Instructions Determine Soil Conditions Soil Type Soil Bearing Capacity Default capacity: 1500psf, unless site-specific information requires lower values Default capacity: 1500psf, unless site-specific information requires lower values

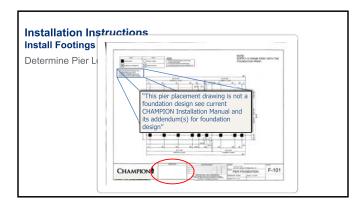


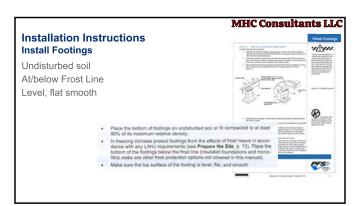












## Installation Instructions Install Footings

Determine Pier Loads (Frame – no perimeter blocking required)

	Roof L	oad zone	and max	. section	width	
Support		South (20	psf)	M	liddle (30	psf)
Spacing	12ft	14ft	16ft	12ft	14ft	16ft
4ft	2490	2820	3140	2810	3170	3520
6ft	3730	4230	4710	4210	4760	5270
8ft	4980	5640	6270	5610	6340	7030
10ft	6220	7040	7840	7010	7920	8790

## MHC Consultants LLC

## Installation Instructions Install Footings

Determine Pier Loads (Frame – no perimeter blocking required)

Support		South (20	psf)	M	liddle (30	psf)
Spacing	12ft	14ft	16ft	12ft	14ft	16ft
4ft	2490	2820	3140	2810	3170	3520
6ft	3730	4230	4710	4210	4760	5270
8ft	4980	5640	6270	5610	6340	7030
10ft	6220	7040	7840	7010	7920	8790

## MHC Consultants LLC

## Installation Instructions Install Footings

Determine Pier Loads (Frame – no perimeter blocking required)

	Roof L	oad zone	and max	. section	widt	
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Spacing	12ft	14ft	16ft	12ft	14ft	16ft
4ft	2490	2820	3140	2810	3170	3520
6ft	3730	4230	4710	4210	4760	5270
⇒ 8ft	4980	5640	6270	5610	634	<b>()</b> 30
10ft	6220	7040	7840	7010	7920	8790

## Installation Instructions Install Footings Determine Minimum Footer Size for Square & Rectangular Shapes (Default Soil Capacity) Soil Min. Footing Size (sq. in.) [fin.) Footing Size (sq. in.) [fin.] Footing Size (s

24x16

24x24

32x32

					MHC	Cons	
cion Institution I	um Foo		for Squ	are & F	Rectang	ular Sl	
Soil Bearing	Min. Footing	Min. Min.		8x16 single stack		16x16 double stack	
Capacity	Area (sq. in.)	Size (in.)	Min. Thickness	Max. Capacity	Min. Thickness	Max. Capacity	
	256	16x16	6	2660	6	2660	
	384	24x16	6	4000	6	4000	
1500	576	24x24	8	6000	6	6000	
	1024	32x32	12	8000_	. 8	10660	

nstallat nstall Fo etermine (Default S	otings	ım Foo		for Squ	are & F			<b>6340</b> apes
	Soil Bearing	Min. Footing	Min. Footing	8x16 sin	gle stack	16x16 dou	uble stack	
	Capacity	Area (sq. in.)	Size (in.)	Min. Thickness	Max. Capacity	Min. Thickness	Max. Capacity	
		256	16x16	6	2660	6	2660	
		384	24x16	6	4000	6	4000	
	1500	576	24x24	8	6000	6	6000	
		1024	2x3	7 12	8000_	- 8	10660	

## Installation Instructions Install Footings Footer size 32" x 32" = 1024 in<sup>2</sup> 32" 1024 in<sup>2</sup> 32"

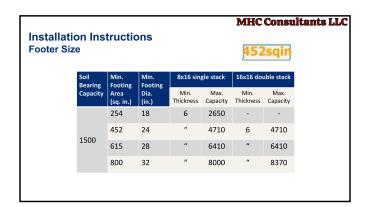




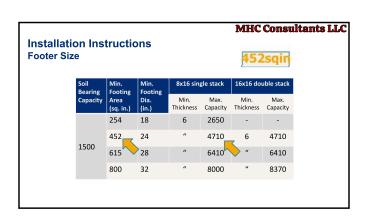
### MHC Consultants LLC **Installation Instructions** Install Footings Determine Minimum Footer Size for Circular Shapes Min. Max. Thickness Capacity

Foo	on Insotings Minimu	ım Foo		e for Circ	cular Sh		Cons
	Soil Bearing	Min. Min. Footing		8x16 single stack		16x16 double stack	
	Capacity	pacity Area Dia	Dia. (in.)	Min. Thickness	Max. Capacity	Min. Thickness	Max. Capacity
	1500	254	18	6	2650		-
		452	24	"	4710	6	4710
		615	28	"	6410	7	6410
		800	32	"	8000	) H	8370



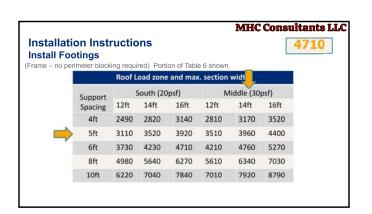


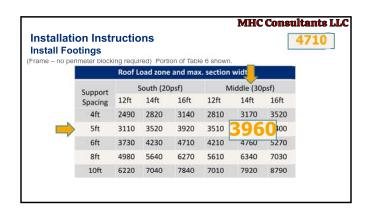
on Ins e	tructio	ons			MHC 452	Consu Sqin
Soil Bearing	Min. Footing	Min. Footing	8x16 sin	gle stack	16x16 do	uble stack
Capacity	Area (sq. in.)	Dia. (in.)	Min. Thickness	Max. Capacity	Min. Thickness	Max. Capacity
	254	18	6	2650	-	-
	452	24	"	4710	6	4710
1500	615	28	"	6410	u	6410
	800	32	"	8000	"	8370



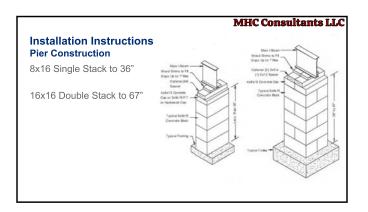
### MHC Consultants LLC **Installation Instructions** 4710 Install Footings (Frame - no perimeter blocking required) Portion of Table 6 shown. Roof Load zone and max. section width South (20psf) Middle (30psf) Support Spacing 12ft 14ft 16ft 12ft 14ft 16ft 3140 2810 4ft 2490 2820 3170 3520 5ft 3110 3520 3920 3510 3960 4400 6ft 3730 4230 4710 4210 4760 5270 8ft 4980 5640 6270 5610 6340 7030 10ft 6220 7040 7840 7010 7920 8790

on Inst otings	ructio	ns				
imeter block	THE REAL PROPERTY.			e 6 shown. c. section	The same of the sa	
Support	,	South (20	psf)	M	liddle (30	psf)
Spacing	12ft	14ft	16ft	12ft	14ft	16ft
4ft	2490	2820	3140	2810	3170	3520
5ft	3110	3520	3920	3510	3960	4400
6ft	3730	4230	4710	4210	4760	5270
8ft	4980	5640	6270	5610	6340	7030
10ft	6220	7040	7840	7010	7920	8790





						MHC	Const	ıltants LLC
	Soil Bearing	Min. Footing	Min. Footing	8x16 sing	gle stack	16x16 do	uble stack	6340
	Capacity	Area	Dia.	Min. Thickness	Max. Capacity	Min. Thickness	Max. Capacity	
Re-evaluate	Soil Be	aring Ca 254	pacity 18	6	2650	-	-	24"
		452	24	"	4710	6	4710	
	1500	615	28	"	6410	<i>"</i>	6410	
		800	32	"	8000	"	8370	
		254	18	6	4410	-	-	
	2500	452	24	"	7850	6	7850	
		615	28	"	8000	<b>u</b>	10690	
		800	32	"	-	"	13960	





### Installation Instructions Pier Construction

### Cans

- Cap hollow block piers to distribute load
- · Must be same LxW of pier blocks
- Must be perpendicular to both the main beam and blocks below
- · Dimensions per Installation Instructions



Installation	Instructions
Pier Construc	ction

### Caps

- Cap hollow block piers to distribute load
- · Must be same LxW of pier blocks
- Must be perpendicular to both the main beam and blocks below

Champion Permissible Caps Solid Masonry 4"x8"x16"
PT Lumber 2"x8"x16"
Corrosion Protected Steel min. 1/2" thick

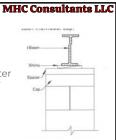
ctions



### Installation Instructions Pier Construction

Spacers

 When the space to be shimmed is greater than 1" but less than a solid cap block or pier block, use hardwood dimensional lumber as spacer



### Installation Instructions Pier Construction

Spacers

 When the space to be shimmed is greater than 1" but less than a solid cap block or pier block, use hardwood dimensional

Champion Permissible Spacers Nominal 1" or 2" thick lumber 2" or 4" concrete block



**MHC Consultants LLC** 

### Installation Instructions Pier Construction

Shims

- · Always in pairs
- · Fill no more than 1" space
- · Driven tight
- For split caps, install shims and spacers over EACH individual cap

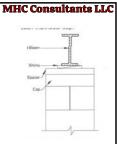


### Installation Instructions Pier Construction

Shims

- · Always in pairs
- · Fill no more than 1" space
- · Driven tight
- For split caps, install shims and spacers over EACH individual cap

Champion Permissible Shims/Wedges Hardwood min. 4" wide x 6" long x 1" thick. Plastic must be listed with load capacity



### Installation Instructions Multi-Sectional Fastening

5/16" x 4  $\frac{1}{2}$ " lag screw with washer 36" Spacing

Must penetrate the opposite rim joist by a minimum of 1 ½"

Additional fasteners:
each end of home
each side of through-the-rim
crossover ducts

### Spacing From Table Spacing From

**MHC Consultants LLC** 

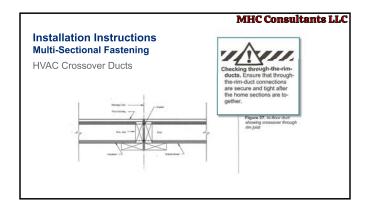
### Installation Instructions Multi-Sectional Fastening

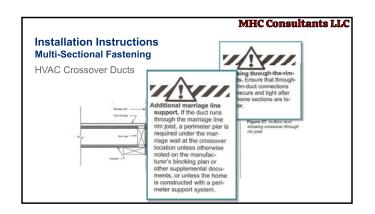


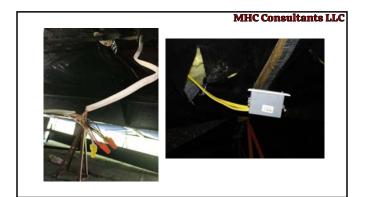
Gaps between structural elements not to exceed 1". Gaps larger than 1/2" must be filled with plywood or shims. Home sections are to be in contact with each other.

### Marriage Line Floor Decking Rim Joist Gasket

# Installation Instructions Multi-Sectional Fastening HVAC Crossover Ducts







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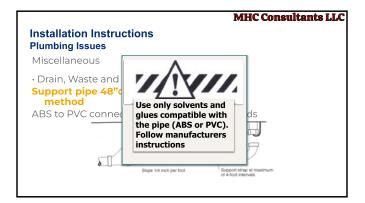
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### Installation Instructions Plumbing Issues

Sanitary Sewer

- · Piping shall be supported so as to ensure alignment and prevent sagging
- Hangers and anchors shall be of sufficient strength to maintain their share of the weight of pipe and its contents
- · Hangers and strapping shall be of approved material

# Installation Instructions Plumbing Issues Miscellaneous Drain, Waste and Vent Support pipe 48"oc or less by approved method ABS to PVC connections by approved methods Siege 1/4 inch per foot Siege 1/4 inch per foot

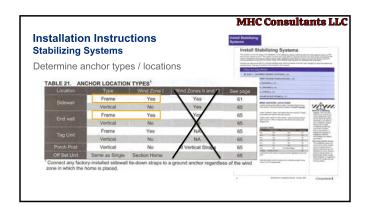


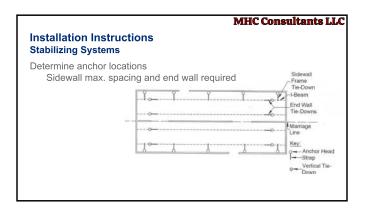




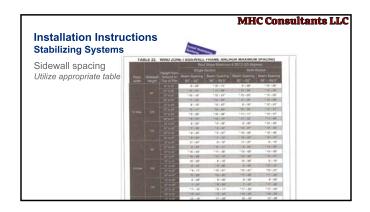


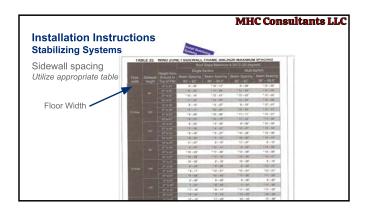


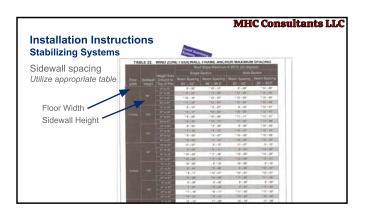


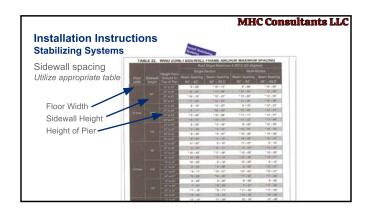




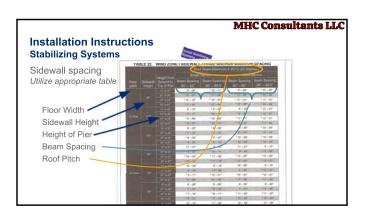








						MH	C Con
nstallation Instru	ctio	ns					
Stabilizing Systems				System States			
3 - ,	TAR	18.72	WIND ZUN	I NEISWALL	FRAME ANCH	OR MAXIMUM I	SPACING.
idewall spacing	170	-	MIND CON			135/12 (20 Segro	
							(Size)
Utilize appropriate table	Freis.		Committee				Saam Spacing
	MIN I		Trace Per	Michigan Michigan	96" - 99.5"	No. of the last	-11-10.
· ·			STATE OF	7 10"	110-111	T-H	-12-00
			THE REAL PROPERTY.		19.00	107-07 Y	*15-85
	100	7	BOTT OF	715.00	PHE-NC.	1000/	25F-1F
Floor Width			BA73 3 340	8-15	, 8 - 6b.	T-10	, fL-8L
Tiod: Widai	State of the last		STATE OF	PROTE.	765-04"	107-0	38546
Sidewall Height			0.00	18-16	167-107	1914	197-85
Cidewaii i leigitt		-	1	1.17	18-06	1.00	* 10 - 00°
Height of Pier			WATER OF	79797	19519	With .	138-05
Height of Pier			STORIES IN	"F-00"	* 9 - 0.0	155-36	110-00
D O :			BULLISH	181100	19.10	185-86	196-99
Beam Spacing ——			NAME OF STREET	11-07		11'-SF	F-15
	-		III ALLES	790-00	710 - MF	9-36	105-00
			SATURE .	10.0	710-10-1	10000	117-107
			STATE OF	17-17	F - 10	15 - 15"	F - 10"
			F10-5	X-10	(F) W	X-W	165-06
	Section 1		BEATURE !	*8-15	198-95	718 - 91"	"LE - 31"
			STATUTE OF	7 05	74-16	*14-14	41'-35
			BUCK I	8-06	8-90	F-96	8'-96"
			SEC.	1100	78-100	7197	111-95
			THE PARTY NAMED IN	17.15	78-17	111-107	110-pr
			STATE OF THE PERSON NAMED IN	17 - 17	15-35	0.15	17-07



Example: 28' Double Wide 4:12 Roof Pitch

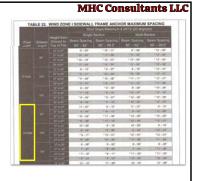
	TELEVISION	THE OWNER OF THE OWNER, WHEN				
		Convert list	from Sparing			San Spacing Ser - 99.5
		BEAT ST	F-85	4.00 - 94.	F-0F	+ 13 - 10,
		WATER OF	0.19 M	119.00	FEF-MC-	10'-10
		STATE OF	110-10	*12"-21"	11E-80	* 16'-96'
		THE PERSON	110,00	10.16	, 12 - W.	- 17 - HF
		BULL BU	8-10"	18-85	8-10	3.12-10.
		2000	18.610	1901-00-0	12-12	2362-66
		D'SE	"F-00"	797-98	-11-11	712-81
		NEW YORK	79-10	SWINE	P.HI-AP	111-90
		STATE OF	F-00"	181-181	8-85	7.96 - 89
		STATE OF	19-10	19-00	195-95	138-96-0
		STATE OF	*8-80	19-85	165-96	110-00
		IN COLUMN	78-05	*8-45	195-60	196-99
		STATE OF	31'-07"	8-15	10-07	F-107
		THE REAL PROPERTY.	3.00	197-15	W-16	107-80
		TATE!	7.00 - 00"	7111-367	110-00	195-96
			199-99	215-10-1	142.00	107-01
		BUTCH ST	10'-05'	F-10	16 - 16"	F-10
			8-16	72-90	2-16	165-09
		STATE OF	*8-15	1981-95	712 - 91"	"LE - 31"
			7.05	74-16	*14-14	HF-36
			1 - 10"	8-90	F-36	8'-95'
			7 - RF	16.05	十十十	111-90
			17-16	18-15	111-10	110-00
			78-00	79.05	195-195	199-30
			17 - 10"	311-307	52 - 1F	117-007

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### Installation Instructions Stabilizing Systems

Example: 28' Double Wide 4:12 Roof Pitch

14' Floor Width



### Installation Instructions Stabilizing Systems

Example: 28' Double Wide 4:12 Roof Pitch

14' Floor Width

96" Sidewall Height

TAE	BLE 22.	WIND ZON	E I SIDEWALL		OR MAXIMUM	
				The state of the s	11000	
fine:	School September	Consult from		Bear Spanie	Beam Specing	Basin Spacing
		NEW YORK	Fall	110-10-	F-07	*13'-85"
		F-12-12	100-100-00	1.197.00	145-M	110 - W
		No. of Lot	110-10	*10"-00"	*1F-8F	*16-00
		BUTCH SHAPE	110-16	10.00	17 - W	- T-1F
		MITS FOR	E-1F	*8-8*	F-10"	3 12 - HC
			18 -11"	100-100-1	107-107	197-97
			"F-W"	1.7W - W	717-117	145-86
			18-10	SHOW THE	PARKAR	111-00
			F-00"	191-101	1-07	7.95 - 89
			19-1W	14-00	195-07	130 - 00
			*8-00	19-85	165-96	116-30
			78-00	*9-15	195-65	116-05
			35-45	Y-10	10+40"	. W - 10°
			8-07	1.40-15	W-16	* 65 - 667
			7.00 + 0.00	7111-36	112-00	115-85
			191-95	110-10	102 - 100	100-01
			12-05	E-10	16 - 167	F-16
	and the same of		X-00	12-90	1-16	*65-09
	100.00		*8-15	110-01	752 + 91"	41.04
			79-05	74-16	195-186	411.38
			1 - 10"	8-90	F-96	6'-96'
	100		7-85	76.05	THE	111-90
	100		17-16	18-15	111-00	710-00
			78-07	79:25	1901-99	110-30
			17 - 10"	311-307	12'-1F	117-107

Example: 28' Double Wide 4:12 Roof Pitch

14' Floor Width

96" Sidewall Height

28" Height of Pier

1000	950000	CONTRACTOR OF		Stope Manage		and controls
						Section
		Congret to Top of Peer	from Sparing ST-62*	Sear Searce	Bern Spacing	Sam Spacing SC - 93.5"
		TETATION.	F-87	118-11	F - 0F	4.83.198.
		W. C. C.	198-48	5.19°C-00"	- 48 - Mr.	100-00
		STATE OF THE PARTY NAMED IN	110-10"	*12"-21"	*1E-86	* 54'-98"
		BETTER !	110-10	10.16	-12-00	- 3F - HF
		STATE OF	8-10"	*8-8*	E-30'	2 12 - NL
		SEC. 25	18.610	100-100-1	12-66	235-44
		SECTION 2	"F-00"		-11-11	712-85
		STATE OF	79-10	596-14FT	246-AF	711-00
		STATE OF	F - 00"	181-181	8-85	7.05-39
		BET275730	*F-18*	14-37	195-97	100-00-0
		ENGLISH	**-00"	*Y-85"	107-00	110-00
		BETTE SE	78-05	*9-85	195-67	196-99
	10000	STATE OF	75-85	N - 15"	10-07	F-10"
			8-95	1.67-15	W-16	100-00
		100000000000000000000000000000000000000	7.00 - 00"	7117-367	110-00	195-96
	2000	<b>FARMEN</b>	1.97 - W	710-10	102-100	100-00
		THE STREET	10'-00'	F-10	16 - 16"	F - 10"
	and the same of	DETECTION OF	X-10	72190	2-10	*65-99
	100.00	PHI	*8-15	198-46	712 - 97	"LE - 31"
		<b>PETERSON</b>	71-05	74-16	195-186	1111.00
		BUCK IN	8-06	8-90	F-36	6'-95'
	100	STREET, ST	7-80	76-10	7-95	111-90
	1000	THE STATE OF	17-18	18-15	111-10	110-00
		DESCRIPTION	78-07	79.25	1961-99	195-96
		100000	12-10	35-86	52' - 9F	10'-00'

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### Installation Instructions Stabilizing Systems

Example: 28' Double Wide 4:12 Roof Pitch

14' Floor Width

96" Sidewall Height 28" Height of Pier

99.5" Beam Spacing

100	95055	THE REAL PROPERTY.	800	Stope Mannage		
		Ground In Top of Par	Seem Soming		Beam Specing	
			F-85	4.00 - 915 -	F - 0F	+13.196.
			10 - W-MF	1191.00	- 48-W.	10-00
			110-10	*12"-84"	115-05	155-00
			110-10	10.50	-17-W	- T-W
			8-10	-8-8P	W = 10°	3.12-ML
			10Ex10"	100-100	12-16	1957-64
			"5-00"	.1W-W	-11-11	12-80
			78-10	5种4种1	PARLAR	711-00
			F-W	191-101	1-00	7.95 - 89
			*F-16"	14-07	195-97	170 - 100 / 1
			*8-80	19-85	107-00	110-00
			78-00	*F-85	785-65	196-99
	THE REAL PROPERTY.		35-45	N - 10"	10+40"	W-10"
			9-00	1.40-45	V-10	* 02 - MC
	267		7.00 + 0.00	7111-300	112-05	115-95
	10000		197-97	*10-10	152-00	100-01
			10-00	F-107	16 - 16	8 - 10
	lane.		X-10	12-90	1-16	165-09
	10000		78-15	1.10.404	710 - 91"	^LF - 01"
			7.05	14-16	195-186	1111.00
			1 - 10"	8-90	F-96	6'-95'
			71.00	76-16	7.47	111-90
	1000		17-16	18-15	5.95 - NO.	1117-00
			78-07	79:25	1901-09	195-95
			17 - 10"	311-307	12'-12'	11'-00'

**MHC Consultants LLC** 

### Installation Instructions Stabilizing Systems

Example: 28' Double Wide 4:12 Roof Pitch

4' Floor Width

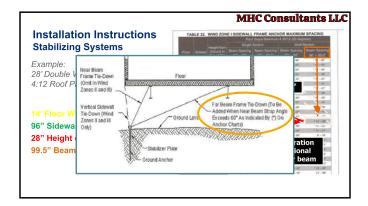
96" Sidewall Height

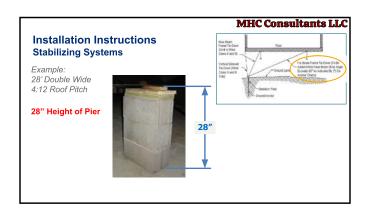
28" Height of Pier

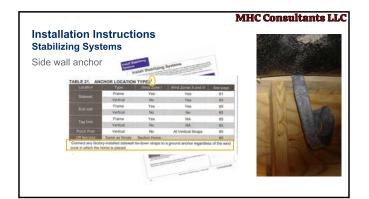
99.5" Beam Spacing

### ### TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACING \*\*\*TABLE 22, WIND ZONE I SIGNALL FRAME ANCHOR MAJORIUM SPACIN

## Installation Instructions Stabilizing Systems Example: 28' Double Wide 4:12 Roof Pitch 14' Floor Width 96" Sidewall Height 28" Height of Pier 99.5" Beam Spacing







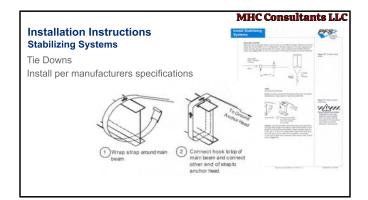
Anchor Depths

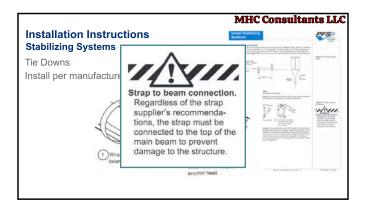
 ground anchors "shall extend below the established frost line into undisturbed soil."



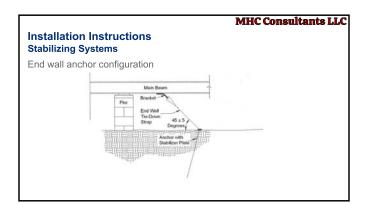
## Installation Instructions Stabilizing Systems Anchor Depths ground anchors "shall extend below the established frost line into undisturbed soil." Make sure the anchor is of sufficient length such that the top of the helix is below the frost line. Select a shaft diameter sufficient to resist excessive torsion, "ring-off" (when the helix or anchor head separates from shaft) or shaft splitting. Consult the anchor supplier for guidance.



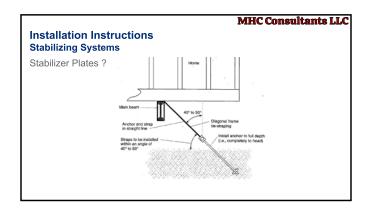


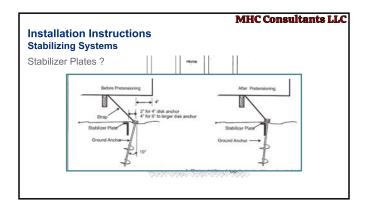














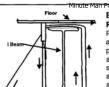
Single Slot Buckle

### MHC Consultants LLC



### MHC Consultants LLC **Installation Instructions** Stabilizing Systems Single Slot Buckle With Strap

Single Slot Buckle



Products

Enlarged View of

Frame Beam

Place buckle at top of
anchor side of beam,
pass strap around beam
and through buckle. Pass
strap back around beam
and through buckle to
anchor. Strap will wrap
beam twice. Remove all
slack from system.

### **Installation Instructions** Stabilizing Systems

capable of resisting an working load of 3150lbs and withstand a 50% overload (4750lbs).



capable of resisting an working load of 3150lbs and withstand a 50% overload (4750lbs).

What is the working load of ¼" steel cable?

### MHC Consultants LLC



### Working load of 1/4" steel cable: 1400 lbs. Code Compliant??? 1/4" x 200' Wire Rope Vinyl Coated (Galvanized) Use for: - \*\*Spoon Strongs - \*\*Tow Cables "...capable of resisting an working load of 3150lbs and withstand a 50% overload (4750lbs)."

### Installation Instructions Stabilizing Systems

· Manufactured Anchoring Systems
Certified by design prof.
Acceptable to AHJ

Frost protected slab or footing to frost line







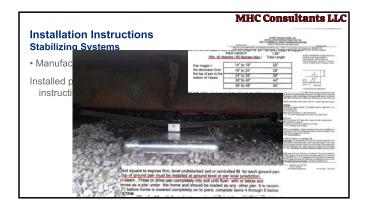




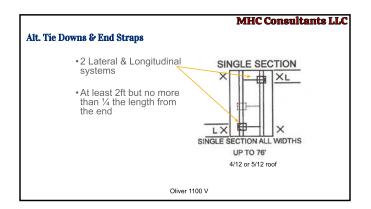


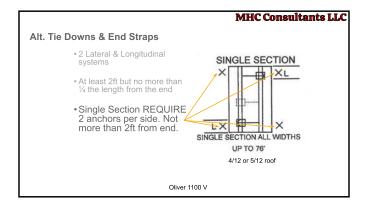












# Flood Zone Requirements R322.1.9 Manufactured Homes The bottom of the frame of new and replacement... shall be elevated to or above the elevation specified in R322.2 or R322.3 As built certification is required

## Flood Zone Requirements R322.1.9 Manufactured Homes The bottom of the frame of new and replacement... shall be elevated to or above the elevation specified in R322.2 or R322.3 As built certification is required HUD places the burden on the Installer to determine whether a home site is wholly or partly in a flood hazard area and to obtain additional designs, if needed.

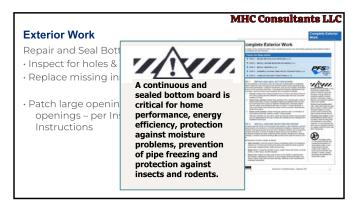


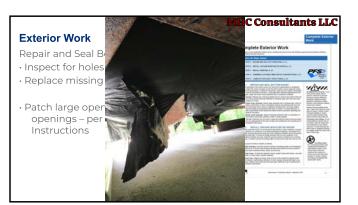
### **Exterior Work**

Repair and Seal Bottom Board

- · Inspect for holes & gaps
- · Replace missing insulation
- Patch large openings & tape small openings – per Installation Instructions

### Complete Exterior Work The second by the second se





### **Exterior Work**

Ground Moisture Retarder

- · REQUIRED(by: Manuf & AE402.6)
- · Min 6mil poly
- · Joints overlapped 12"
- · Seal joints with tape or adhesive
- · Weight down with gravel
- $\cdot \, \mathsf{Repair} \, \mathsf{voids} \,$
- · Pre-slab

	Work
Complete Exterior Work	HILLOW .
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Patrice the Brigos between	
B Date School Street,	
THE RESERVE AND ADDRESS OF	
# ENT. MINI DETRICATE	PFS-
A real residence to the second contract of	ATTEN .
Water Companies and electronic as	-
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### **Exterior Work**

Skirting

- Structural or non-structural perimeter crawlspace enclosure
- Extend vents, drains & inlets to outside
- · Access (18"x24" min) near utility connections

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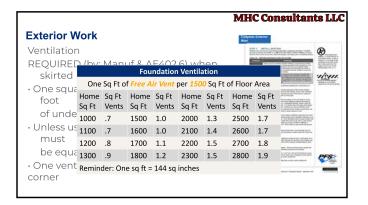
### **Exterior Work**

Ventilation

REQUIRED (by: Manuf & AE402.6) when skirted

- · One square foot of vent per 1,500 square foot
  - of under floor area
- Unless using integral vent skirting vents must
- be equal size & opposite ends of home
- $\cdot$  One ventilation opening within 3ft of each corner

### The state of the s



### **MHC Consultants LLC**

### **Exterior Work**

Ventilation Calculations - Integral Skirting

- · 28x56 New Home = 1566sqft
- · Vapor Barrier REQUIRED
- · 1sqft vent per 1500sqft floor space

<b>MHC Consultar</b>	nts LL(
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### **Exterior Work**

Ventilation Calculations - Integral Skirting

- · 28x56 New Home = 1566sqft
- · Vapor Barrier REQUIRED
- · 1sqft vent per 1500sqft floor space
- · Need 1sqft of free vent (144sqinches)

МН	C Consultants LLC	
Exterior Work		
Ventilation Calculations - Integral Skirting		
· 28x56 New Home = 1566sqft		
Vapor Barrier REQUIRED		
1sqft vent per 1500sqft floor space		
Need Isqft of free vent (144sqinches)		
· Use 32" tall center vent (13sqinches)		
MI	C Consultants LLC	
	C Consultants LDC	
Exterior Work		
Ventilation Calculations - Integral Skirting		
<ul> <li>28x56 New Home = 1566sqft</li> </ul>		
Vapor Barrier REQUIRED		
1sqft vent per 1500sqft floor space		
Need Isqft of free vent (144sqinches)		
Use 32" tall center vent (13sqinches)		
· 144/13 = <b>12</b> panels		
Need 126 panels to skirt whole house		
reced 120 parters to sixtre writing floadse		
MH	C Consultants LLC	
Exterior Work		
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	100 m	
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Exterior Work	MHC Consultants LLC	
	Exterior Work	

# MHC Consultants LLC Exterior Work

## Exterior Work Vents are required to be equal size and opposite sides of foundation Amount of venting required: 144sqin

MHC Cons	sultants LLC
Exterior Work	
Vents are required to be equal size and opposit sides of foundation	te
Amount of venting required: 144sqin	
Amount of venting provided? Qty:2 - 8"x16" block vents	*/ **

### MHC Consultants LLC Exterior Work Vents are required to be equal size and opposite sides of foundation Amount of venting required: 144sqin Amount of venting provided? Qty:2 - 8"x16" block vents

(8x16=128)x2=256sqin

### MHC Consultants LLC Exterior Work Vents are required to be equal size and opposite sides of foundation Amount of venting required: 144sqin Amount of venting provided? Qty:2 - 8"x16" block vents (8x16=128)x2=256sqin All set, right?

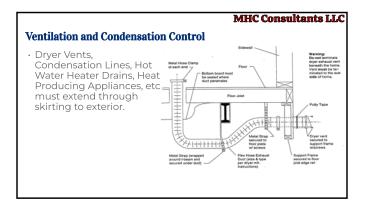
# MHC Consultants LLC Exterior Work Vents are required to be equal size and opposite sides of foundation Amount of venting required to de opposite sides of foundation Amount of venting provide opposite sides of foundation of venting provide opposite sides of foundation Amount of venting provide opposite sides of foundation opposite sides opposite

## MHC Consultants LLC Exterior Work Vents are required to be equal size and opposite sides of foundation Amount of venting required: 1445

### MHC Consultants LLC Exterior Work Vents are required to be equal size and opposite sides of foundation Amount of venting required: 144s 144/45=3.2 Min. 4 vents within 3ft of corners



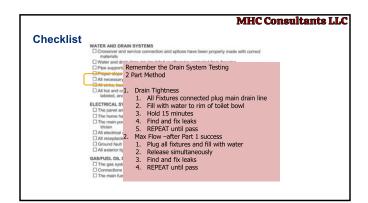
	MHC Consultants LLC
Outside combustion air?	
100	TV TV
	405



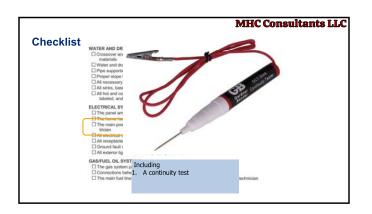


# WATER AND DIRAIN SYSTEMS Chosputhy and a service connection and splices have been properly made with correct Water and down times are installed or otherwise protected from freezing Ploe supports are installed and propenly spaced Ploes support space specific and specific spaced sp

# Checklist WATER AND DRAIN SYSTEMS Orthogorear and services coord-action and splices have been properly made with correct. Visited and drain lines are invalided and properly spaced. Prope supports are invalided and properly spaced. All necessary inspections and lests have been performed. All necessary inspections and lests have been performed. Potable Water Testing Hydrostatic or Pneumatic: Hydrostatic method (preferred) 1. Fill all water lines including water heater. 2. Pressurize system. Utilize pump, valve and gauge. Pressurize to 100ps: Isolate w/ shutoff 3. Hold pressure. 15minutes 4. Find and fix leaks 5. REPEAT until pass



# Checklist WATER AND DIMM SYSTEMS Conserver and service connection and splices have been properly made with correct materials. Water and drain lines are insulated or otherwise protected from freezing Pose supports are installed and properly speaced Proper stoph has been mainstanded and stopenity speaced Proper stoph has been mainstanded on all other stopenits of the stopening of the stopenits of the stopenits



# **MHC Consultants LLC** Checklist WATER AND DRAIN SYSTEMS ELECTRICAL SYSTEMS GASFUEL OIL SYST | Including | The gas system p | Including | Connections betw 1. A continuity test | The main fuel limb 2. Operational test | 3. Polarity test

MHC Consultants	Ш

#### Checklist

WATER AND DRAIN SYSTEMS

Clossower and service connection and spices have been properly made with committee and service connection and spices have been properly made with committee and properly spices. The support of the proper spice are installed and properly spiced.

Proper spice has been menistrated on all drain fines.

All increasary inspections and tests have been preferred.

All sinks, basins, tubs, and telles operate properly.

All hot and cold water lens are properly connected to finance, dispense water as tabled, and operate properly.

isolated, and operate proporty

ELECTRICAL SYSTEMS

The paint amperage matches the connection to the home

The home has been properly grounded.

The main power supply has been properly connected and tested by a licensed elec
\*\*ECAL\*\*\*

\*\*ECAL\*\*\*

\*\*LOTATION OF THE PROPERTY OF THE PRO

GASFUEL OIL SYSTEMS

The gas system pressure test has been conducted

Generation between view properly made with recovery an experience of the properly connected and tested by a qualified technician

<b>MHC Consult</b>	ants LLC
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## Truss, Engineered Lumber or Timber Construction Placard

"An act to amend the Executive Law, in relation to notice requirements and enforcement for residential buildings with truss type, pre-engineered wood or timber construction."

Addition of Article 18 Executive Law of NY §382-b

Passed by Senate & Assembly 6/20/2014 Signed by Gov. 9/17/2014

19 NYCRR Part 1265 "Residential Structures with Truss Type...Construction" Adopted 11/18/2014 by Codes Council Effective 1/1/2015

"Each new residential structure and each addition to or rehabilitation of an existing residential structure that utilizes truss type construction, pre-engineered wood construction and/or timber construction shall be identified by a sign or symbol..."


	MHC Consultants LLC
Truss Placard	Video (V
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The constraints fave STROY  STROY  Graphysmos shad by  the constraints of the  the constraints of the  constraints of  constraints of the  constraints of  constraints of the  constraints	CE TURAL
TRUS TYPE CONSTRUCT  FOR TRUST TRUST  FOR TR	Specification (Specification (Specific

# Truss... Placard

§1265.4 "...affixed to electric box attached to exterior of the residential structure; provided, however that:"



- 1. If obscure any meter or utility not allow affixation: shall be affixed to exterior adjacent to electric box
- 2. If no electric box or the attached electric box located where not likely seen by firefighters: shall be affixed in a location approved by LAHJ as a location likely to be seen by firefighters

Affixed prior to issuance of a C.O.

Property owner responsible for maintenance and replacement if necessary

# MHC Consultants LLC

# Garage Additions/Add-On Structures



MHC Consultants LLC	
Garage Additions/Add-On Structures	
24 CFR 3282.7 "Add-on: any structure (except a structure designed or produced as an integral part of a MH) which, when attached to a MH increases the area, either living or storage"	
Remember- Retailers may not sell MH that has been altered in a way which "causes a failure to conform to" HUD Code	
Modifications to MH for purpose of "Add-on" Structures often remove compliance with HUD code	
MHC Consultants LLC Garage Additions/Add-On Structures	
Alternative Construction Approval REQUIRED	
Issues addressed	
MHC Consultants LLC	
Garage Additions/Add-On Structures  Alternative Construction Approval REQUIR	
Issues addressed	
Garage independence & support	

# Garage Additions/Add-On Structures

Alternative Construction Approval REQUIR

Issues addressed
Garage independence & support
Roof modification & ventilation



# **MHC Consultants LLC**

## Garage Additions/Add-On Structures

Alternative Construction Approval REQUIR

Issues addressed
Garage independence & support
Roof modification & ventilation
Fire Separation



# Garage Additions/Add-On Structures

Alternative Construction Approval REQUIR

Issues addressed

Garage independence & support Roof modification & ventilation Fire Separation

Electrical circuits for Lighting, GFCI & smoke detectors

# MHC Consultants LLC



## Garage Additions/Add-On Structures

Alternative Construction Approval REQUIR

Issues addressed

Garage independence & support

Roof modification & ventilation

Fire Separation

Electrical circuits for Lighting, GFCI & smoke detectors

Egress Compliance

## Garage Additions/Add-On Structures

Alternative Construction Approval REQUIR



Issues addressed

Garage independence & support

Roof modification & ventilation

Fire Separation

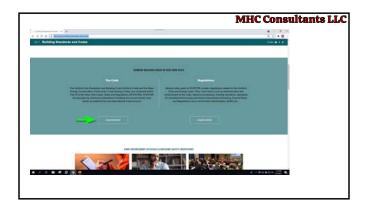
Electrical circuits for Lighting, GFCI & smoke detectors

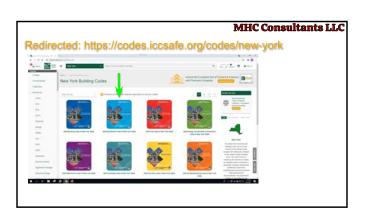
Egress Compliance

Light and ventilation

# https://dos.ny.gov























HUD Model Installation Standard (24-CFR-3285, 2016) https://www.apo.gov/fdsys/pkg/CFR-2016-title24-vol5/pdf/CFR-2016-title24-vol5-part3285.pdf

NFPA 225 (2017) Manufactured Home Installation © \$\$\$ http://catalog.nfpa.org/NFPA-225-Model-Manufactured-Home-Installation-Standard-P1241.aspx?icid=D729

MHC Consultants LLC	<b></b>	
Reminders		
• Rule #1 Building Permits and C.O.s are required for the	<u> </u>	
installation		
BUILDING PERMIT		
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MHC Consultants LLC		
Reminders		
<ul> <li>Rule #1 Building Permits and C.O.s are required for the installation</li> </ul>		
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· Rule #2 Follow the Manufacturer's Instructions		
MANUFACTURED		
BUILDING PERMIT INSTALL ATTOM		
& SETUP	<del></del>	
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MHC Consultants LLC	ল	
Reminders		
<ul> <li>Rule #1 Building Permits and C.O.s are required for the installation</li> </ul>		
· Rule #2 Follow the Manufacturer's Instructions		
Rule #3 C.O. and A.C. Inspection <b>PRIOR</b> to move-in		
MANUFACTURED		
BUILDING PERMIT INSTALLATION		
& SETUP		

# Attendees sign the Class Registration List to receive credit

	education credit	MOVE NAME		MARION	anyon.
	John Hancock		jhancock1989@yahoo.com	John Howevel	
	Certification #	9876	(518)555-1234	John Howevel	
$\Box$	Salastard Manage		Count Address	7	

# **Course Attendance Issues**

The Division of Building Standards and Codes cannot give course attendees credit for a course without the required signatures.

## MHC Consultants LLC

# For technical assistance

New York, Department of State
Division of Building Standards & Codes
One Commerce Plaza
99 Washington Ave.

manufactured.housing@dos.ny.gov

Albany NY 12231-0001



# **MHC Consultants LLC**

#### Any questions?

Contact Information MHC Consultants 160 Wilkinson Rd Fairport NY 14450

joel@consultwithmhc.com

