

BONNEVILLE

CHAPTER

Utah Cultural
Celebration Center
1355 West 3100 South
West Valley City, Utah

Nov. 12 thru 14, 2019

26th
Annual Fall
Educational Institute

Up to 8 C. E. U.
Credit Hours
awarded per day for:
Architects,
Engineers,
Fire and Building
Departments

Courses Provided by:



**PREFERRED
EDUCATION
PROVIDER**

*New Approved AIA
Courses, earn AIA CEUs*



AIA
Utah

Partial Funding by:



DEPARTMENT OF COMMERCE
Division of Occupational and
Professional Licensing



***ABOUT OUR FALL EDUCATIONAL INSTITUTE:
THE RIGHT TOPIC AT THE RIGHT TIME AT THE RIGHT PLACE!***

- Join us for our 26th annual conference. As always we strive to maintain our tradition of excellent and relevant education at a reasonable cost.
- The conference will be held again at the Utah Cultural Celebration Center located at 1355 West 3100 South. The Utah Cultural Celebration Center is located due east of the intersection of 3100 South and Redwood Road.
- Learn from national and local experts including three ICC seminars, a local engineering firm, and a very well-known independent national instructor. All courses will provide ICC Preferred Provider Credit Hours. Please remember to bring your license numbers as we are required to report to DOPL.
- Numerous restaurants to choose from, all within a 5-minute drive. Lunch is on your own.
- Partial funding of this training program has been provided by the Division of Occupational & Professional Licensing of the State of Utah from the 1% surcharge funds from all building permits.
- **Architects, Inspectors, Contractors and Fire Service Professionals:** Once again our educational agenda provides timely classes specifically to help fulfill all your educational requirements for license renewals. With the adoption of the 2018 I-Codes this institute will include classes to help make the required transition in plan review and field inspections. There is a balanced mix of advanced fundamentals, plan review and fire service topics. The plan review courses will help with understanding this ever changing process.

IBC ADVANCED TRACK: COURSE DESCRIPTIONS

2018 IBC Multifamily Construction

This course provides an overview of the requirements for multi-family dwellings in the International Building Code. Type V-A construction may be the most difficult type of construction to build a structure by. This seminar discusses the design, construction and inspection of Group R-2 occupancies including, building, planning, fire-resistive rated construction, fire protection requirements and means of egress requirements.

2018 IBC Special Use Groups

This class will look at some of the more unusual uses that building departments are starting to see in their jurisdictions. The class will discuss the plan review and inspection of breweries, wineries distilleries and cannabis facilities. All of these emerging uses have different levels of hazards that are addressed in the code. The discussion will center around occupancy classifications, hazardous materials, fire protection requirements and other applicable code provisions in the International Building Code.

2018 IBC Means of Egress

This seminar addresses numerous provisions in the 2018 International Building Code® (IBC®) where the code contains requirements pertaining to establishing a means of egress in buildings. Participants will be presented with specific problems related to means of egress and will be asked to solve each case study. The course is intended to help plan reviewer or building code officials responsible for plan review identify those areas where plan review will include compliance with the IBC.

FUNDAMENTALS TRACK: COURSE DESCRIPTIONS

2018 IBC Required Code & Special Inspections:

With building departments operating with minimal staffing, it's important that code professionals know what is and is not required to be inspected per the requirements of the code. This course will address required inspections, with relation to the currently adopted I-codes. Materials will include both residential and commercial requirements, as well as various disciplines, such as structural, building, plumbing, electrical, mechanical, energy, fire etc. In addition, the course will include specific information regarding required special inspections, as well as potential inspections such as structural observations, in-plant inspections at fabrication facilities, and other



COURSE DESCRIPTIONS CONTINUED

inspections that may be frequently overlooked. The course will be team-taught by a combination inspector and an engineer, providing multiple perspectives. A guest speaker from Earthtec Engineering will provide added insight into the special inspection process.

2018 IBC Significant Changes

This course provides an overview of the changes from the 2015 to the 2018 IBC®. It will identify changes in organization and code requirements and the applicability of these requirements to design, plan review and inspection. This course uses the Significant Changes to the International Building Code 2018 Edition.

Legal Aspects & Ethics for Building Departments

The first part of this course provides individuals with guidelines for administering the legal aspects of code enforcement, prosecution and maintenance. Topics will include historical results of ignoring regulations, interpretation and application of pertinent laws and theories of legal liability. The second part will discuss ethics, with a discussion of “real world” issues that affect the perception and performance of the code enforcement staff.

PLAN REVIEW TRACK: COURSE DESCRIPTIONS

2018 IBC Chapter 11 Accessibility

This course focuses on the accessibility requirements of the IBC and ICC/ANSI A117.1. It covers requirements for commercial buildings including Use Group R-Occupancies such as hotels and apartment buildings. The course also includes a discussion of accessibility requirements for existing structures undergoing additions, alterations, or change of use.

2018 Residential Plan Review and Permitting Essentials

This course will focus on how to perform residential plan review quickly, efficiently, and in a way that makes sense. Several tips and tricks will be shared. In addition to the building-related aspects, the course will also focus on mechanical, electrical and plumbing system requirements for residential construction as it pertains to plan review. The class will address issues often missed in plan review. The course will decipher legislative requirements associated with plan review. Several handouts and guides will be provided. The class will be an open discussion, with questions and comments welcome.

COURSE DESCRIPTIONS CONTINUED

2018 MEP and Energy Plan Reviews:

This course will address best practices in performing mechanical, electrical and plumbing reviews. As all aspects of the MEP review overlap with energy code provisions, many aspects of energy code review will also be incorporated. It is common to focus on the building side of plan review and as a result, we neglect many important life-safety related aspects of the mechanical and electrical codes. The focus of this course will be to teach a methodology that can be taken back to the jurisdiction and implemented. This course will be ideal for individuals new to MEP plan review, but will also be beneficial to the more experienced reviewers. Elements from the 2018 MEP updates course will be intermixed with the course material.

FIRE SERVICE TRACK: COURSE DESCRIPTIONS

2018 IBC & IFC Hazardous Materials Provisions

The 2018 IFC® and IBC® Hazardous Materials Provisions seminar addresses requirements for buildings utilizing hazardous materials and requiring coordination between the fire and building codes. It reviews the requirements found in Chapters 50 through 67 of the International Fire Code® (IFC®), as well as Chapter 3, and Sections 414 and 415 of the International Building Code® (IBC®). The goal of this seminar is for participants to examine the application of code requirements in the 2018 IFC and the 2018 IBC to determine compliance for the storage use, handling and dispensing of hazardous materials.

2018 Plan Review of Fire Protection Systems

Fire Suppression Systems - Start to Finish: This course will address a variety of fire suppression systems, discussing not only wet and dry fire sprinkler systems, but also other types of fire suppression systems. We will look at how these systems are designed, how shop drawings should be reviewed, how field inspections should be performed, and finally, how final acceptance testing should be conducted. This course will not only cover the basic principles, but will also discuss unique items to look for throughout the system design review, installation and commissioning process for these various systems. At the completion of this course, the student will have a better understanding of how fire protection and suppression systems operate and the major items to verify during the shop drawing review, inspection, and acceptance testing for these systems. This will be an interactive class, so please bring your experience and your questions about what you have seen and as a group, we will discuss and learn.

COURSE DESCRIPTIONS CONTINUED

2018 IFC Essentials

This seminar will introduce the application of the 2018 IFC administrative requirements, occupancy classification, general precautions against fire, emergency planning and preparedness, fire service features, interior finish, decorative materials and furnishings, fire protection systems, means of egress, and provide an introduction to hazardous materials. Activities and discussions will further enhance participant learning. This seminar is designed to familiarize and assist code officials in locating, describing and applying applicable code requirements of the 2018 IFC to determine compliance or noncompliance.

COURSE INSTRUCTORS:

Stephen L. Thomas, CBO

President, Colorado Code Consulting, LLC

Mr. Thomas has over thirty-five years' experience in working with building codes including plan reviews, inspections and administration. His firm provides building code consulting services for governmental agencies and architectural firms, as well as educational seminars on building codes. Starting a building code-consulting firm in 1999, he has served as the contract Building Official for local jurisdictions in Colorado. Mr. Thomas has served on several ICBO and ICC committees including serving as a member and then Chairman of the ICC Means of Egress Code Development Committee. He is also the author of the book, *Building Code Basics*, based on the 2009 & 2012 IBC and *Building Code Essentials* based on the 2015 IBC, both available from ICC. He and his firm were awarded the Educator of the Year Award by the ICC in 2018. He has presented building code classes for the last 30 years and provides an interesting and engaging look at building codes.

Douglas W. Thornburg, AIA, CBO

Mr. Thornburg is currently Vice-President and Technical Director of Products and Services for the International Code Council (ICC) where he provides administrative and technical leadership for the ICC product development activities. Prior to employment with ICC in 2004, he was in private practice as a code consultant and educator on building codes for nine years. Doug also spent ten years with the International Conference of Building Officials (ICBO) where he served as Vice-President/Education. In his current role, Doug also continues to create and present building code seminars nationally and has developed numerous educational texts and resource materials. He was presented with ICC's Inaugural Educator of the Year Award in 2008, recognizing his outstanding contributions in education and training. A graduate of Kansas State University and a registered architect, Doug has over 36 years of experience in building code training and administration. He has authored a variety of code related support publications, including the *IBC Illustrated Handbook* and the *Significant Changes to the International Building Code*.

Mike Molyneux, PE

Mr. Molyneux is a licensed professional engineer as well as an ICC certified building plans examiner and holds multiple ICC inspector certifications. He received his master's degree from Utah State University with an emphasis in structural engineering. He provides plan review services to many jurisdictions throughout the western United States and has had multiple years of experience in the structural design of a variety of building types and telecommunication structures.

**26th ANNUAL
FALL EDUCATIONAL IN
BONNEVILLE CHAPTER
CULTURAL CENTER – WEST**

COURSE PATH	NOVEMBER 12TH TUESDAY	NOVEMBER 13TH WEDNESDAY
IBC ADVANCED	2018 IBC Condominium & Multi-Family Construction Steve Thomas Colorado Code Consultants AIA, ICC Preferred Provider	2018 IBC Special Inspections & Methods of Construction Steve Thomas Colorado Code Consultants AIA, ICC Preferred Provider
FUNDAMENTALS	2018 Required Code Inspections & Special Inspections George Williams & Mike Molyneux WC-3 AIA, ICC Preferred Provider	2018 IBC Significant Code Changes Doug Thornburg ICC AIA, ICC Preferred Provider
PLAN REVIEW	2018 IBC Chapter 11 Accessibility Todd Snider WC-3 AIA, ICC Preferred Provider	2018 Residential Code Permitting Essentials George Williams WC-3 AIA, ICC Preferred Provider
FIRE SERVICE	2018 IBC Hazardous Materials Provisions Scott Adams ICC AIA, ICC Preferred Provider	2018 IFC Plan Requirements Systems Craig Hanson WC-3 AIA, ICC Preferred Provider

- C.E.U. CERTIFICATES AWARDED

*Persons requiring assistance due to disabilities, please contact Jerry Thompson: (801) 555-1234

Daily schedule - Registration: 7:30 am; AM Classes: 8:00-Noon - lunch

**26th ANNUAL
EDUCATIONAL INSTITUTE
DENVER CHAPTER – ICC
CENTER – WEST VALLEY CITY**

NOVEMBER 13TH WEDNESDAY	NOVEMBER 14th THURSDAY
<p>2018 IBC Special Use Groups & Alternate Methods of Construction</p> <p>Steve Thomas Colorado Code Consultants AIA, ICC Preferred Provider</p>	<p>2018 IBC Means of Egress</p> <p>Doug Thornburg ICC AIA, ICC Preferred Provider</p>
<p>2018 IBC Significant Changes & Updates</p> <p>Doug Thornburg ICC AIA, ICC Preferred Provider</p>	<p>Legal Aspects & Ethics for Building Departments</p> <p>Steve Thomas Colorado Code Consultants AIA, ICC Preferred Provider</p>
<p>2018 Residential Plan Review & Permitting Essentials</p> <p>George Williams WC-3 AIA, ICC Preferred Provider</p>	<p>2018 Mechanical, Electrical, Plumbing & Energy Plan Reviews</p> <p>George Williams & Brent Ursenbach WC-3 AIA, ICC Preferred Provider</p>
<p>2018 IFC Plan Review of Fire Protection Systems</p> <p>Craig Hanson WC-3 AIA, ICC Preferred Provider</p>	<p>2018 IFC Essentials</p> <p>Scott Adams ICC AIA, ICC Preferred Provider</p>

CERTIFICATES AWARDED FOR ALL CLASSES -

erry Thompson: (801) 963-3276 by October 09, 2019 so proper accommodations may be provided.

8:00-Noon - lunch on your own - PM Classes: 1:00-5:00; Breaks 10 am & 3 pm

COURSE INSTRUCTORS: CONTINUED**George Williams, MCP, CBO**

Mr. Williams serves as both a plans examiner and building inspector for WC3. He has been a building inspector for more than 10 years, has a master's degree in Construction Management, and is an ICC Master Code Professional. George has been instrumental in the start-up of multiple building departments including the adoption of codes, implementation of permit processes, development of policies and procedures, as well as the hiring and training of staff.

Todd Snider, PE, SE

Mr. Snider has more than 12 years of plan review and structural engineering design experience. He has performed plan reviews for thousands of projects throughout the western United States. Todd is a licensed structural engineer, has a master's degree in Structural Engineering, and maintains ICC Certifications as a commercial building, mechanical, energy, and accessibility plans examiner. Todd teaches code classes in several states.

Brent Ursenbach, LEED, AP

Mr. Ursenbach retired from Salt Lake County as a combination inspector/plans examiner after 12 years of service. Prior to that Brent worked for Salt Lake City Corporation for a period of time and ran his own Heating and Cooling company for more than 20 years. Brent is known as an expert in both the energy and mechanical codes and has been providing energy code training classes throughout the State of Utah for a number of years. He currently provides training to general contractors, developers, engineers, architects, building inspectors, and code enforcement personnel across the State on behalf of the Governor's Office of Energy Development. Brent was honored with the "Energy Code Champion" award during ICC's 2013 Annual Conference and currently serves on numerous ICC Committees in addition to serving as the Past President of the Rocky Mountain Gas Association.

Scott W Adams: Senior Fire & Life Safety Consultant

Mr. Adams graduated from the University of Maryland with a Bachelor of Science degree in Fire Protection Engineering. Mr. Adams is certified as an ICC Fire Code Inspector II and Building Plans Examiner. Mr. Adams is employed with West Coast Code Consultants, Inc. and provides third party plan review and inspection services for fire sprinkler systems, fire alarm systems, specialized fire protection and detection systems, smoke management systems and detailed water supply analysis. Mr. Adams recently retired from Park City Fire Service District where he served as the Assistant Fire Chief / District Fire Marshal. Mr. Adams served as Chairman for the 2002 Winter Olympics Fire Marshals Work Group and was instrumental in developing the fire and life safety guidelines that were used in both permanent and



COURSE INSTRUCTORS: *CONTINUED*

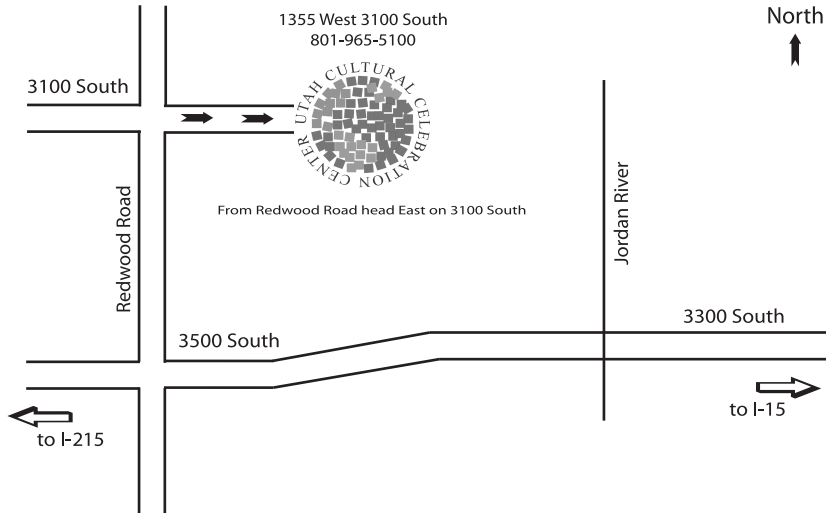
temporary Olympic facilities and the planning and implementation of fire prevention and exiting programs for the games. Mr. Adams is currently serving as Chairman for the ICC Governing Committee for the Fire Service Membership Council and has served as President for the International Fire Marshal's Association.

Craig Hanson, Senior Fire Plans Examiner

Mr. Hanson is a fire safety professional, investigator and military veteran with an extensive history in municipal, commercial and military fire prevention, plan review, training, inspecting, designing and investigating in local and international settings. He has experience in HAZMAT, OSHA, NFPA, ANSI, and IFC codes. He has 25 years of local, state, military and Homeland Security work experience, including fire sprinkler tech, fire inspector, plans examiner and fire marshal.



LODGING:



What you need to know about the Utah Cultural Celebration Center

culturalcelebrationcenter.org

Located at 1355 West 3100 South

Access from the corner of 3100 South & Redwood Road.
Drive as far east as you can on 3100 South.

The road ends at the *Utah Cultural Celebration Center*.

140 available *free* open parking spaces in dedicated parking
lot on site.

15 minute drive from Salt Lake City Airport.

LODGING:

Hotels within 5 minutes from conference site north and south of the Maverick Center.

Holiday Inn Express 866-925-1043
 Baymont Hotel 866-767-0285
 Sleep Inn 866-538-0270
 Extended Stay America 866-925-7879
 Crystal Inn 866-925-1480
 Country inn & Suites 866-925-2907
 Embassy Suites WVC 801-963-4760

Restaurants near conference site:

MAVERIK CENTER AREA

3100 South & Decker Lake Drive
5 minute drive from conference site

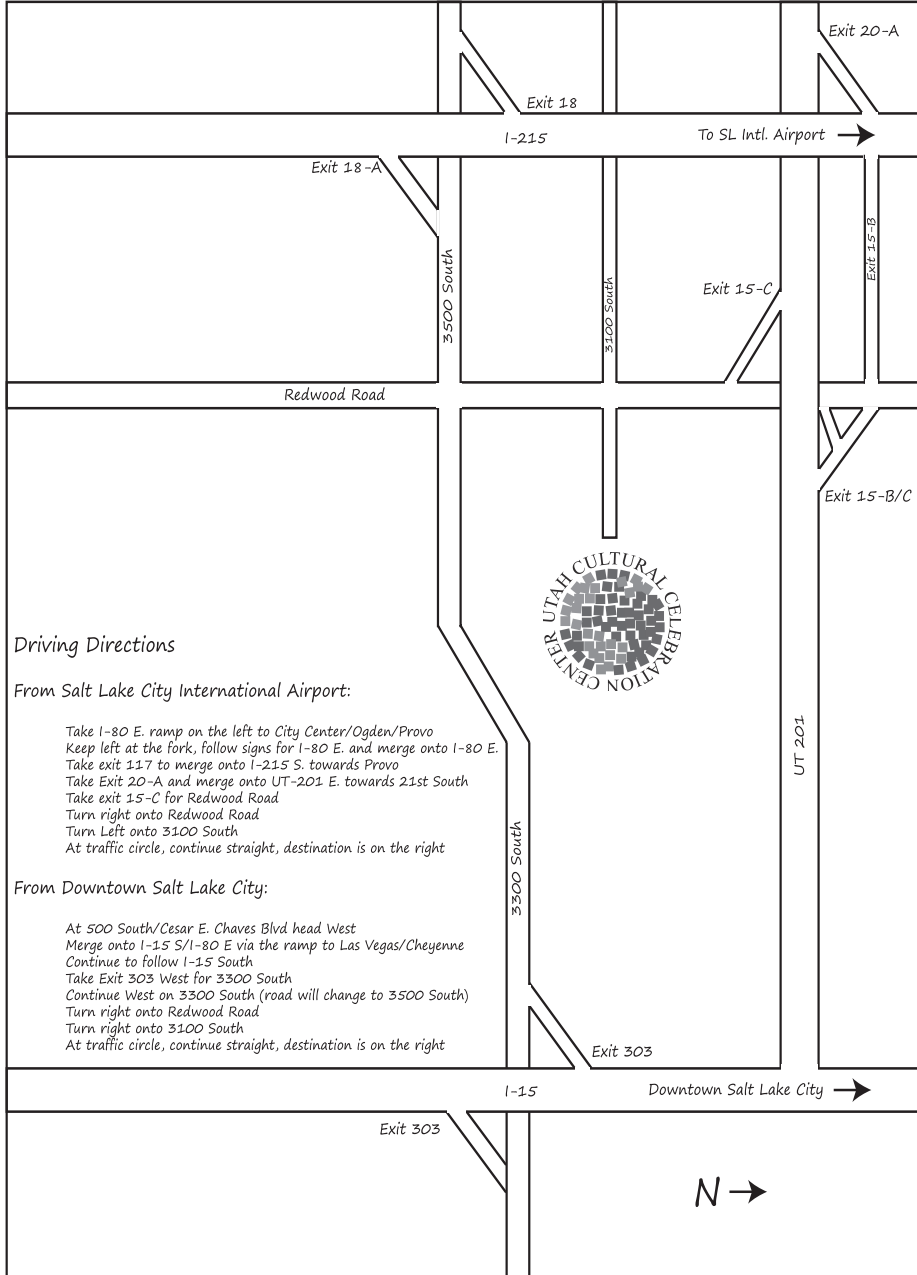
Costa Vida
 Chili's
 AppleBee's
 IHOP
 Cracker Barrel
 Bout Time Pub & Grub
 Greek Souvlaki (corner of Decker Lake & 3500 S)

VALLEY FAIR MALL AREA

3500 South Constitution Blvd. (2700 West)
10 minute drive from conference site

Olive Garden* (#1 in all USA Olive Gardens!)
 TGI Fridays
 Zupas
 Wingers
 Monster Sushi
 In N Out Burger
 Red Robin
 Jimmy John's
 Rumbi's
 VF Mall Food Court
 Pizza Rev
 Cafe Rio
 Smashburger

Salt Lake City Airport to Utah Cultural Celebration Center



Registration Form

Name: _____
 Title: _____ Representing: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 E-mail: _____
 Telephone: _____ Fax: _____

Fees: \$95 per Person per Day. **Contractors must add \$10.00 processing fee per license for the State contractor reporting. Late Registration \$105.00 per day after 10/09/2019.** We regret that we can no longer accept split or shared registrations. Everyone must submit a registration form with a check. No invoices please. Everyone must pay the minimum registration fee of \$95.00. There is free open lot parking on site. Lunch is on your own.

Make checks payable to: BONNEVILLE CHAPTER ICC P.O. Box 672 Farmington, Utah 84025	Total Enclosed \$
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Please check the boxes for the classes you will be attending. ☒
 Pre-registration will insure you a workbook!!

26th Annual Fall Educational Institute

Bonneville Chapter – ICC

Utah Cultural Celebration Center – West Valley City, Utah

November 12th, 13th, and 14th, 2019

All classes listed are full day classes

Path	November 12th	November 13th	November 14th
IBC Advanced	<input type="checkbox"/> Multi-Family Construction	<input type="checkbox"/> 2018 IBC Special Use Groups	<input type="checkbox"/> 2018 IBC Means of Egress
Fundamentals	<input type="checkbox"/> Required Code & Special Inspections	<input type="checkbox"/> 2018 IBC Significant Changes	<input type="checkbox"/> Legal Aspects & Ethics for Building Dept.
Plan Review	<input type="checkbox"/> 2018 IBC Chapter 11 Accessibility	<input type="checkbox"/> Residential Plan & Permitting Essentials	<input type="checkbox"/> 2018 MEP & Energy Plan Review
Fire Service	<input type="checkbox"/> IBC Hazardous Materials Provisions	<input type="checkbox"/> 2018 IFC Plan Review of Fire Protection Systems	<input type="checkbox"/> 2018 IFC Essentials

REGISTRATION: 7:30. All classes are 8-hour sessions with lunch on your own. Breaks will be held at 10:00 a.m. and 3:00 p.m. to coincide with prize drawings.

Refund Policy: \$10.00 processing fee until October 9, 2019. Thereafter, maximum 80% for exceptional reasons. REQUESTS MUST BE IN WRITING.

PLEASE CUT ALONG DOTTED LINE AND SEND THIS FORM FOR EACH PERSON ATTENDING INSTITUTE

Bonneville Chapter ICC
c/o Mike Bosch, Treasurer
P. O. Box 672
Farmington, UT 84025-0672

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