

**PLANNING COMMISSION
CITY HALL COUNCIL CHAMBERS
NOVEMBER 3, 2014
6:30 P.M.**

AGENDA

- I. CALL TO ORDER
- II. CONSENT AGENDA
- III. NEW BUSINESS
 - A. Ramp Variance – Matt Larson (page 1)
- IV. OLD BUSINESS
 - A. Draft Housing Study Presentation – The Study will be emailed out as soon as the City receives it.
- V. INFORMATIONAL
 - A. Building Permit Report (page 7)
 - B. CCLD Review Newsletter (page 14)
 - C. Next Meeting – December 1, 2014 at 6:30 p.m.
- VI. ADJOURN

Please contact Renee Eckerly at 320-243-3714 ext. 227 or at renee@paynesvillemn.com if you can't attend the meeting.

**Members: Dan Roberts, Darlene Loven, Ron Mehr, Bob McDaniel, and Donavan Mayer.
Advisory Member: Renee Eckerly**

This agenda has been prepared to provide information regarding an upcoming meeting of the Paynesville Planning Commission. This document does not claim to be complete and is subject to change.

BARRIER FREE: All Paynesville Planning Commission meetings are accessible to the handicapped. Attempts will be made to accommodate any other individual need for special services. Please contact City Hall (320) 243-3714 early, so necessary arrangements can be made.

REQUEST FOR COMMITTEE/COUNCIL ACTION

COMMITTEE/COUNCIL NAME: Planning Commission

Committee/Council Meeting Date: November 3, 2014

Agenda Section: New Business

Originating Department: Administration

Item Number: IV - A

ITEM DESCRIPTION: Ramp Variance – Matt Larson & Elise Nelson

Prepared by: Staff

COMMENTS:

Please review the attached Variance Application submitted by Matt Larson & Elise Nelson, of 314 Washburne Ave. They wish to construct a handicapped accessible ramp for their handicapped daughter; however, they do not meet the 20' front setback off of Washburne Ave. The proposed ramp is 18' from the front setback; therefore, they are requesting a 2' variance. The necessary 2' cannot be met due to the ADA building code requirement for the ramp.

The Report & Recommendation will be available at the meeting.

ADMINISTRATOR COMMENTS:

COMMITTEE/COUNCIL ACTION:

Motion to approve the Report & Recommendation Of Planning Commission On Application For Variance.

CITY OF PAYNESVILLE
VARIANCE APPLICATION

221 Washburne Ave. ~ Paynesville, MN 56362
Phone: 320-243-3714 ~ Fax: 320-243-3713

List All Property Owners: Matt Larson, Elise Nelson

Contact Person: Matt Larson

Address: 314 Washburne Ave

Telephone No.: 320-295-8528 Parcel No.: 70.39101.020

Legal Description: Lot: 4/5 Block: 14 Addition: Haines

ZONE: RI

Application Fee: \$250.00
(non-refundable) These are the fees incurred per document: Advertising \$48.00 (average), Recording \$46.00 (actual), Postage \$33.00 (average), Legal \$123.00 (average), totaling \$250.00.

EXISTING USE OF PROPERTY:
Residential

IS THE VARIANCE NEEDED TO REPLACE AN EXISTING STRUCTURE OR ADD AN ADDITIONAL STRUCTURE? Add a ramp

IF REPLACING, IS THE EXISTING STRUCTURE NON-CONFORMING? N/A

DESCRIPTION OF REQUEST: (use separate sheet if needed)
See attached

DRAWING OF PROPOSED VARIANCE: (use separate sheet) See attached

Application Must Include:

- A site plan showing existing lot lines and dimensions as well as lot area, all easements, all public streets, and private right of ways bordering and adjacent to the site, the use and location of all adjacent property.
- The specific feature or features of the proposed use, construction, or development that requires a variance.
- Specific provisions of Ordinance from which a variance is sought and the precise variance there from being sought.
- Statement of characteristics of the property that prevent compliance with the provisions of the Ordinance.
- Legal description from abstract.
- Any written or graphic data required by the City Administrator.

Elise Nelson
All Property Owners Must Sign This Application

10/22/14
10/22/2014
Date

For office use only:
Application Fee: \$250.00 (non-refundable)
For office use only: Cash _____

Check No. 1453 Date Paid 10.23.14

Present To Planning Commission Date: 11.3.14 6:30pm
Board of Adjustment Public Hearing Date: 11.24.14 6:30pm

Board of Adjustment Set Public Hearing Date: 11.10.14
Board of Adjustment Makes Determination Date: 11.24.14

PLANNING COMMISSION ACTION: Recommended to Board of Adjustment Approved Denied Date: _____
BOARD OF ADJUSTMENT ACTION: Approved Denied Date: _____

Date Received In Office: (Stamp) OCT 23 2014

Abstract of Title

To the following described Real Estate situated in

Stearns County

Lots Numbered Four and Five in Block Numbered Fourteen in Haines Addition to Paynesville, according to the plat and survey thereof, on file and of record in the Office of the Register of Deeds, in and for Stearns County, Minnesota.

10/22/14

To whom it may concern-

I am applying for a variance to put in a handicap ramp for my oldest daughter who is confined to a wheel chair due to a permanent medical condition. I have been informed that we are 2 feet short of space to fit the ramp in the yard. The standards to build the ramp are unable to be changed to accommodate the space needed. I am asking for this variance so that we can transport her in and out of the house by the ramp safely that is needed for her wheelchair. Thank you for your time and consideration.

Matt Larson

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PLOT PLAN

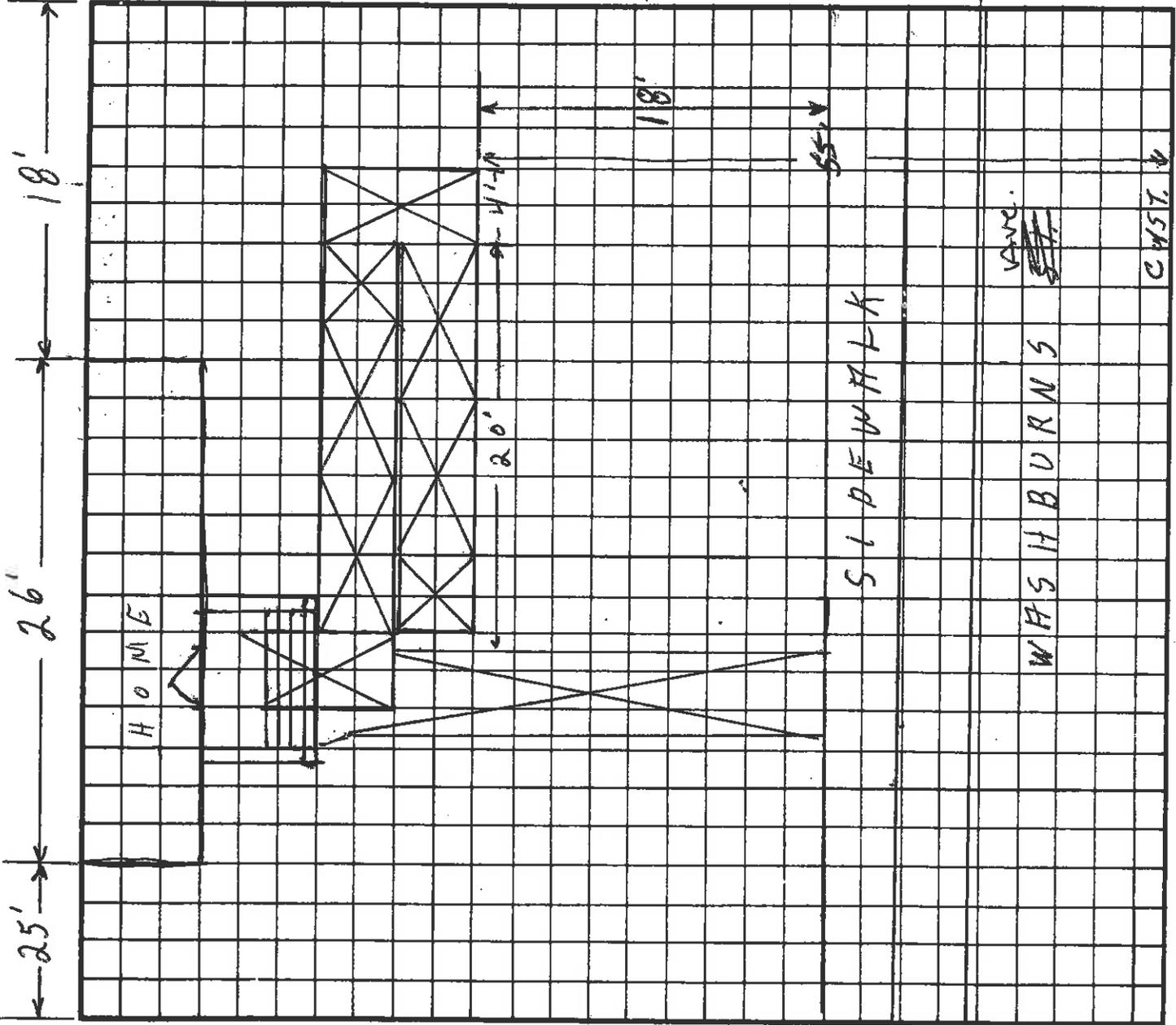
INSTRUCTIONS TO APPLICANT

THIS FORM NEED NOT BE USED WHEN PLOT PLANS DRAWN TO SCALE OF NOT LESS THAN 1"=20 ARE FILED WITH PERMIT APPLICATION (EACH BUILDING SITE MUST HAVE A SEPARATE PLOT PLAN.)

FOR NEW BUILDINGS PROVIDE THE FOLLOWING INFORMATION IN THE SPACE BELOW: LOCATION AND DIMENSION OF PROPOSED CONSTRUCTION AND EXISTING IMPROVEMENTS. SHOW BUILDING, SITE, AND SETBACK DIMENSIONS, SHOW EASEMENTS, FINISH CONTOURS OR DRAINAGE, FIRST FLOOR ELEVATION, STREET ELEVATION AND SEWER SERVICE ELEVATION. SHOW LOCATION OF WATER, SEWER, GAS AND ELECTRICAL SERVICE LINES. SHOW LOCATION OF SURVEY PINS. SPECIFY THE USE OF EACH BUILDING AND MAJOR PORTION THEREOF, LOCATIONS AND DIMENSIONS OF OFF-STREET PARKING STALLS.

 INDICATE NORTH IN CIRCLE

GRAPH SQUARES ARE 5' x 5' OR 1" = 20'



I/We certify that the proposed construction will conform to the dimensions and uses shown above and that no changes will be made without first obtaining approval.

SIGNATURE OF CONTRACTOR OR AUTHORIZED AGENT

(DATE)


SIGNATURE OF OWNER (IF OWNER BUILDER)

(DATE)

SIGNATURE OF BUILDING AND ZONING OFFICIAL

DATE

WHITE — Office Copy

YELLOW — Inspectors Copy

PINK — Applicant

PERMIT NO.	JOB ADDRESS
OWNER	

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CITY OF PAYNESVILLE

RECH: 00037422 10/28/2014 2:15 PM
OPER: FRONT TERM: 001
REF#: 1453

TRAN: 10.0100 VARIANCE FEE
LARSON VARIANCE
RAMP
VARIANCE FEES 250.00CR

TENDERED: 250.00 CHECK
APPLIED: 250.00-

CHANGE:
0.00

**City of Paynesville
Pending Inspections Report**

**Order By: Permit#
Issued Date From: 1/1/2013 To: 10/27/2014
Permit Type: All Property Type: All Construction Type: All
Inspection Type: All
Report Detail: Not Completed**

PERMIT #	APPLICANT	ADDRESS	PERMIT TYPE	PROPERTY TYPE	CONSTRUCTION TYPE	ISSUED DATE
2013-00169	JUMA, EMSON Plumbing Final HVAC Final Electrical Final Building Final	530 MAYWOOD AVE	Building	Residential	Remodel	12/16/2013
2014-00010	MIKE BROCKNER CONSTRUCTION Building Final 08/26/2014 JD Progress	714 BUSINESS 23 W	Building	Residential	Remodel	03/03/2014
2014-00021	Dolly, Hayla & Trent Building Final	352 AUGUSTA AVE	Building	Residential	Siding	05/06/2014
2014-00035	Dolly, Hayla & Trent Building Final	352 AUGUSTA AVE	Building	Residential	Roofing	05/06/2014
2014-00036	Dolly, Hayla & Trent Building Final	352 AUGUSTA AVE	Building	Residential	Window/Door Replacement	05/06/2014
2014-00050	BECKSTRAND,JAMES W & DENISE A Electrical Rough-In Electrical Final Building Final	305 MILL ST W	Building	Residential	Remodel	06/04/2014
2014-00053	LIESER, NATHAN Electrical Rough-In HVAC Final Electrical Final Building Final	101 NORTH GRANDE ST	Building	Residential	Remodel	06/03/2014
2014-00069	BURR,ERIK K Tear-Off Building Final	120 RIVER ST	Building	Residential	Roofing	07/21/2014

PERMIT #	APPLICANT	ADDRESS	PERMIT TYPE	PROPERTY TYPE	CONSTRUCTION TYPE	ISSUED DATE
2014-00071	B J BAAS BUILDERS INC.	914 BUSINESS 23 W	Building	Commercial	New Construction	08/08/2014
	Sediment Controls Entrance, Rock and Address Footing - Soil - Insul Footing - Soil - Insul Elect. Grdning Stub Fnd. Stem Walls Fnd. Stem Walls Slab-Vapor B., Steel Vestib. CMU Walls Frame Metal Bldg Sys. Frame Metal Bldg Sys. Insulation Cont. Air Barrier Ext. Metal Wall Panels Int. Framing Studs Electrical Rough-In Plumbing Rough-In Gyp Board HVAC Rough-In Gas Piping Drop Cieling Frm Storm Water Ret. Off St. Parking HVAC Final Electrical Final Plumbing Final Building Final Certificate of Occupancy					



PERMIT #	APPLICANT	ADDRESS	PERMIT TYPE	PROPERTY TYPE	CONSTRUCTION TYPE	ISSUED DATE
2014-00078	NELSON LAND PARTNER Foundation Plumbing Rough-In HVAC Rough-In Electrical Rough-In Sheathing House Wrap Framing Underfloor Vapor Barrier Framing - Lower Level Insulation Fire-Rated Sheetrock Plumbing Final Gas Piping HVAC Final Electrical Final Building Final Certificate of Occupancy	620 MINNIE ST	Building	Commercial	New Construction	08/19/2014
2014-00085	ST LOUIS CHURCH OF PAYNESVILLE Roof System Building Final	525 LAKE AVE S	Building	Commercial	New Construction	07/08/2014
2014-00091	ROY, BUNDY Tear-Off Building Final	370 MILL ST W	Building	Residential	Roofing	07/31/2014
2014-00102	MIKE BROCKNER CONSTRUCTION Footing - Soil - Insul Foundation Underfloor Vapor Barrier Insulation HVAC Rough-In Pan Flashing and Framing Grade D Paper and Wire Lath Spray Foam Electrical Rough-In Gyp Board Plumbing Final HVAC Final Building Final	320 AUGUSTA AVE	Building	Residential	Addition	08/04/2014

PERMIT #	APPLICANT	ADDRESS	PERMIT TYPE	PROPERTY TYPE	CONSTRUCTION TYPE	ISSUED DATE
2014-00105	INDEPENDENT SCHOOL DIST 741 Framing Building Final Footing - Soil - Insul Framing Building Final	205 MILL ST W	Building	Commercial	New Construction	08/20/2014
2014-00106	ADOLFSON & PETERSON CONSTRUCTION Plumbing Rough-In HVAC Rough-In Electrical Rough-In Insulation Plumbing Final Gas Piping HVAC Final Electrical Final Building Final	128 JAMES ST E	Building	Commercial	Remodel	08/27/2014
2014-00109	CYRILLA BEACH HOMES Building Final	721 BUSINESS 23 W	Building	Residential	Window/Door Replacement	08/15/2014
2014-00114	DAVID LIESTMAN CONSTRUCTION LLC Tear-Off	319 AUGUSTA AVE	Building	Residential	Window/Door Replacement	09/17/2014
2014-00115	DAVID LIESTMAN CONSTRUCTION LLC Building Final	319 AUGUSTA AVE	Building	Residential	Siding	09/17/2014
2014-00118	SELLERS HEATING & AIR HVAC Rough-In Gas Piping HVAC Final	369 HUDSON ST	Mechanical	Residential	Repair/Maintenance	10/15/2014
2014-00123	VOSS PLUMBING & HEATING HVAC Rough-In Electrical Rough-In Framing Insulation HVAC Final Electrical Final Building Final Re-siding Final	316 BUSINESS 23 E	Building	Commercial	Remodel	08/28/2014



PERMIT #	APPLICANT	ADDRESS	PERMIT TYPE	PROPERTY TYPE	CONSTRUCTION TYPE	ISSUED DATE
2014-00124	KORONIS BUILDERS ONE Electrical Rough-In Framing Insulation Electrical Final Building Final Plumbing, Underground	300 COUNTY ROAD 34	Building	Commercial	Accessory Building	09/03/2014
2014-00128	BARSNESS, DALE Tear-Off Building Final	205 SPRUCE ST	Building	Residential	Roofing	09/29/2014
2014-00131	WENDROTH, LAWRENCE R & LEOLA Tear-Off Building Final	513 LAKE AVE	Building	Residential	Roofing	10/06/2014
2014-00132	JACK DAHL REMODELING Tear-Off Building Final	603 STEARNS AVE	Building	Residential	Roofing	10/08/2014
2014-00134	J P EVANS CONSTRUCTION, LLC Building Final	116 MAIN ST E	Building	Residential	Window/Door Replacement	10/14/2014
2014-00135	FUCHS, BRUCE L & DIANE Building Final Progress	302 RIVER ST	Building	Residential	Remodel	09/18/2014
2014-00136	Hubert, Richard Foundation Building Final	635 PONDEROSA ST	Building	Residential	Addition	09/22/2014
2014-00137	Hubert, Richard Framing Building Final Electrical Rough-In Electrical Final Insulation	635 PONDEROSA ST	Building	Residential	Remodel	09/22/2014
2014-00140	RON MEHR CONSTRUCTION INC Footing - Soil - Insul Foundation Electrical Rough-In Framing Insulation Electrical Final Building Final	113 JAMES ST W	Building	Commercial	Addition	09/30/2014

PERMIT #	APPLICANT	ADDRESS	PERMIT TYPE	PROPERTY TYPE	CONSTRUCTION TYPE	ISSUED DATE
2014-00141	MCLOUD, STEVEN Electrical Rough-In Framing Electrical Final Slab-Vapor B., Steel Building Final	330 KORONIS AVE	Building	Residential	Accessory Building	09/25/2014
2014-00142	J P EVANS CONSTRUCTION, LLC Building Final	621 KORONIS AVE	Building	Residential	Window/Door Replacement	10/14/2014
2014-00143	SELLERS HEATING & AIR HVAC Rough-In Gas Piping HVAC Final	215 LAKE AVE	Mechanical	Residential	Repair/Maintenance	10/15/2014
2014-00145	MIKE BROCKNER CONSTRUCTION Building Final Tear-Off	426 WENDELL ST W	Building	Residential	Window/Door Replacement	10/17/2014
2014-00146	MIKE BROCKNER CONSTRUCTION Progress Building Final	426 WENDELL ST W	Building	Residential	Siding	10/17/2014
2014-00147	PRENTICE, ELLARRY Tear-Off Building Final	414 LAKE AVE	Building	Residential	Roofing	10/23/2014
2014-00148	GRACE UNITED METHODIST Building Final	805 HIGHWAY 55	Building	Commercial	Addition	10/27/2014
2014-00150	HEDLOF CONSTRUCTION, LLC Progress Building Final	645 HUDSON ST	Building	Residential	Siding	10/27/2014
2014-00151	VOSS PLUMBING & HEATING Footing - Soil - Insul Foundation Plumbing Rough-In Electrical Rough-In Framing Plumbing Final Electrical Final Building Final Certificate of Occupancy Plumbing, Underground	317 HIGHWAY 55	Building	Commercial	New Construction	10/17/2014

PERMIT #	APPLICANT	ADDRESS	PERMIT TYPE	PROPERTY TYPE	CONSTRUCTION TYPE	ISSUED DATE
2014-00159	THD AT - HOME SERVICE, INC Building Final	140 GRANDE ST N	Building	Residential	Window/Door Replacement	10/27/2014

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CCLD REVIEW

CONSTRUCTION CODES AND LICENSING DIVISION
MINNESOTA DEPARTMENT OF LABOR AND INDUSTRY

FALL 2014

New building code resources from DLI

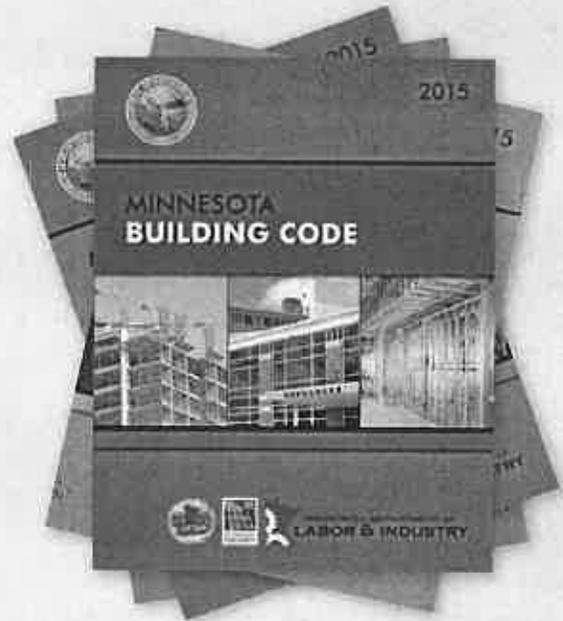
Anticipated availability of new code books is late fall 2014

Minnesota is adopting a new set of updated construction codes that will go into effect Jan. 24, 2015, and Feb. 14, 2015. The code books are anticipated to be available late fall, 2014.

DLI is working with the International Code Council to produce the Minnesota State Building Code books that include only those chapters from the model codes and specific amendments used in Minnesota.

Code book fact sheets about each of the proposed codes are available from DLI at www.dli.mn.gov/CCLD/codes15.asp. These fact sheets describe each of the codes, where to obtain them and when they go into effect.

Also available is DLI's education and training plan for 2014-15, including outreach options for organizations. Read more at www.dli.mn.gov/CCLD/codes15.asp



CCLD seminars about new Minnesota building codes underway

DLI's two seminars about the new Minnesota building codes are underway statewide and locations are filling quickly. Register soon to reserve a seat.

DLI staff members are providing training about code changes that specifically affect construction and code administration in Minnesota. The two seminars are presented at nine locations throughout the state through December 2014.

CCLD seminar: "Are You Ready for the 2012 IRC?"
This seminar focuses on the amendments for Minnesota rules chapters 1300, Minnesota Building Code Administration; 1303, Minnesota Provisions to the

Minnesota State Building Code, including new radon provisions; and 1309, Minnesota Residential Code.

CCLD seminar: "Mechanical and Energy Code Changes for Residential Buildings in the IECC, IMC and IFGC." This seminar focuses on amendments and significant changes with the adoption of the 2012 International Energy Conservation Code (IECC), 2012 International Mechanical Code (IMC), and 2012 International Fuel Gas Code (IFGC).

Continuing education credits are available for both seminars. For locations and details about how to register, visit www.dli.mn.gov/ccl/education.asp.

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New municipal delegation agreement process in place

A municipal delegation agreement is a written agreement to transfer responsibility between DLI and a municipality to administer the Minnesota State Building Code for public buildings and state-licensed facilities.

Some examples of public buildings and state-licensed facilities may include schools, correctional facilities, hospitals, nursing homes, state colleges and facilities owned by state agencies.

A new process is now in place to allow municipalities to request delegation agreements. Instructions about how to obtain a delegation agreement and application materials are available at www.dli.mn.gov/CCLD/delegation.asp.

Staff changes

DLI adds new elevator inspector

Brian Harren joined DLI on July 23, 2014, as its newest elevator inspector. His experience in the elevator industry includes installing, modernizing, repairing and maintaining a variety of elevator-related equipment.

Harren has elevator inspection duties for Bloomington, Richfield and the Minneapolis-St. Paul International Airport.

Learn more about elevator inspection and installation at www.dli.mn.gov/CCLD/Elevator.asp.

Locate inspectors quickly

Find code requirements in one place

DLI has built a one-stop "Local Code Lookup" – online at <http://workplace.doli.state.mn.us/> jurisdiction – to help contractors and homeowners find local code requirements and code inspectors.

The online search tool helps users

find which code authority has local jurisdiction for permits, plan review and inspection in the areas of boilers, building codes, electrical, elevators, high-pressure piping, plumbing or other Minnesota construction codes and licensing disciplines.

CCLD Review is a quarterly publication of the Minnesota Department of Labor and Industry.

Receive email notification when an issue is available by subscribing online.

Contact information

CCLD main contact info

Phone: (651) 284-5012
Toll-free: 1-800-657-3944
Fax: (651) 284-5749

Visit the Contact Us page

Licensing information

DLI License@state.mn.us
Business/Contractor Licenses and Bonds: (651) 284-5034
(Including: Electrical, HPP, Plumbing, Residential, Manufactured Structures, Mechanical Bonds, Technology System, Water Conditioning)

Personal Licenses and

Certificates: (651) 284-5031
(Including: Boiler Engineers, Electricians, Plumbers, Power Limited Technicians, Pipefitters, Unlicensed Individuals, Building Officials)

Electrical information

Phone: (651) 284-5026
Fax: (651) 284-5749
DLI Electricity@state.mn.us

Boiler, High-Pressure Piping, Boats-for-Hire inspection

Phone: (651) 284-5544
Fax: (651) 284-5737
DLI Code@state.mn.us

Plumbing information

Phone: (651) 284-5063
Fax: (651) 284-5748
DLI Plumbing@state.mn.us

License enforcement details

Phone: (651) 284-5069
Fax: (651) 284-5746
DLI Contractor@state.mn.us

Contractor registration program

Phone: (651) 284-5074
DLI register@state.mn.us

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Continuing education for plumber license renewals

Requirements for some licensees begin with their 2014 license renewals

Minnesota Plumbing Board rules require all licensed plumbers to obtain 16 hours of DLI-approved continuing education in each full, two-year license period to renew a license.

Master plumbers and restricted master plumbers

- **Licensed BEFORE Dec. 31, 2012**, must have completed 16 hours of continuing education before they renew in December 2014.
- **Licensed AFTER Dec. 31, 2012**, will report continuing education at their 2016 license renewal.

Journey and restricted journey plumbers

- **Licensed BEFORE Dec. 31, 2013**, will report continuing education at their license renewal in December 2015.
- **Licensed AFTER Dec. 31, 2013**, will report continuing education for the first time at their 2017 license renewal.

Course topics

Of the required 16 hours of continuing education, at least 12 hours must pertain to the Minnesota Plumbing Code and at least four hours to technical topics related to plumbing installations and equipment, the Minnesota State Building Code or the Minnesota statutes governing plumbing work.

More information:

Approved continuing education courses
<https://secure.dli.state.mn.us/cclcdcecourses/>

Questions

- www.dli.mn.gov/CCLD/pe_ce.asp
- DLI.License@state.mn.us
- (651) 284-5031

No more than four hours can be taken online in each license period.

Multiple licenses

Plumbers who have more than one type of license can apply their continuing education hours to all of their licenses. Only the number of hours required for the license with the highest continuing education requirement must be fulfilled.

Medical gas installer certification

Medical gas installers certified by DLI after Nov. 27, 2012, are required to take four hours of continuing education pertaining to medical gas to renew their certification. Approved courses taken to fulfill the medical gas renewal requirement may also be used as either code or technical hours toward fulfillment of plumbing renewal requirements.

Stay in touch

Want more news from DLI? Multiple resources available

- Follow DLI on Twitter at www.twitter.com/mndli
- Sign up for other DLI newsletters focusing on workers' compensation, OSHA and more at www.dli.mn.gov/publications.asp
- Sign up for Labor and Industry News to receive monthly updates about agency projects at www.dli.mn.gov/email.asp.
- View DLI's YouTube channel at www.youtube.com/user/mndli1



Backflow prevention

New requirements for backflow prevention testers, rebuilders

For many, renewing on time will delay ASSE certification provision until 2016

The Minnesota Plumbing Board requires all state certified backflow prevention testers and rebuilders to obtain certification through the American Society of Sanitary Engineering (ASSE) to maintain DLI certification.



Certifications for 80 percent of backflow prevention testers and 60 percent of rebuilders expire Dec. 31, 2014. If these certifications are renewed on time, the rebuilders and testers will have almost three years to obtain ASSE certification. The remaining certified testers and rebuilders have until their Dec. 31, 2015, expiration to obtain ASSE certification.

This requirement applies to all new applicants and to any currently certified tester or rebuilder who submits a renewal application to DLI after Jan. 1, 2015.

their renewal is submitted on or before Dec. 31, 2014.

A tester or rebuilder whose certification expires Dec. 31, 2014, will not have to prove ASSE certification until Dec. 31, 2016, if

If a tester or rebuilder's DLI certification expires, that individual will have to prove they have ASSE certification in order to renew their DLI certification.

More information about the certification is available at www.dli.mn.gov/CCLD/PlumbingBackflow.asp and from ASSE at www.asse-plumbing.org/certifications.html

Enforcement actions

Unlicensed residential building contractor fined \$7,500

Some recent CCLD enforcement actions include:

- A Moorhead, Minn., residential building contractor's license was revoked. The contractor was ordered to cease and desist from residential building contractor activity and fined \$5,500. The contractor failed to pay its subcontractor, then failed to satisfy or appeal a related \$13,000 judgment and failed to notify DLI it had become a judgment debtor.
- An unlicensed residential building contractor from Bethel, Minn., was ordered to cease and desist from unlicensed activity and pay a \$7,500 civil penalty. The individual contracted with a homeowner to renovate a bathroom, to include the repair or replacement of plumbing. The contractor was paid yet failed to complete the project and caused damage to the bathroom.
- A licensed electrical contractor from Maple Plain, Minn., was censured and penalized \$5,000. The contractor's Class A master electrician of record was neither an owner or officer of the company. Also, he was not a managing employee actively engaged in performing electrical work for the contractor.



Enforcement actions
View enforcement and license actions taken against licensees.

Summaries of all final CCLD enforcement actions are at www.dli.mn.gov/CCLD/Enforcement.asp. Questions about specific enforcement actions should be directed to (651) 284-5069 or DLI.contractor@state.mn.us.

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Overview of water re-use and the Plumbing Code

Plumbing Board in the process of adopting national model plumbing code

Increased movement toward green technologies has brought about more interest in rainwater catchment systems for water conservation in building plumbing designs in Minnesota.

Rainwater catchment system

Rainwater catchment systems – also known as rainwater harvesting systems – have several key components including roof drains, a conveyance system, a collection cistern for storage, a treatment system and a pressurized distribution system.



An example of a residential rain barrel used to collect rain water. (Photo: Minnesota Pollution Control Agency)

application. All plumbing fixtures must discharge into the building drainage and connect to a municipal sewer where available. In jurisdictions where a building's plumbing system is served by a subsurface sewage treatment system, a graywater system may be considered for a subsurface irrigation application as a disposal method subject to the rules and regulations of the Minnesota Pollution Control Agency and must also be approved by the local government. In this case, the plumbing (or conveyance) system up to the approved point of disposal must meet the requirements of the Minnesota Plumbing Code.

The Minnesota Plumbing Code allows rainwater catchment systems as an alternate material and method for non-potable uses like toilet flushing, vehicle washing or a combination of toilet flushing and lawn irrigation. Designs and methods are subject to approval by the administrative authority on a case-by-case basis in accordance with Minnesota Rules, part 4715.0330. More restrictive treatment is required when the use is in direct contact with humans or the installation is near potable water supply systems.

For single-family homes, cisterns and rain barrels that capture rain from rooftops through gutters and downspouts provide an acceptable supply of rainwater for outdoor, non-potable uses for plants and gardens with minimal health risks. Irrigating or aerosolizing with the captured rain water is not recommended.

Graywater systems

A graywater system is typically wastewater collected from showers, lavatories, bathtubs or clothes washers. Graywater can contain pathogens and other microorganisms that may cause illness, public exposure risks and other health concerns.

The Minnesota Plumbing Code does not allow for the collection of graywater for re-use in any plumbing

What's the future of water re-use?

The Minnesota Plumbing Board – responsible for the adoption of the plumbing code – is in the process of adopting a national model plumbing code. The proposed new code is the 2012 Uniform Plumbing Code adopted by reference with Minnesota amendments.

The proposed code with amendments allows rainwater catchment systems and addresses public health and safety concerns. The board, however, voted to delay including graywater systems for re-use in the proposed plumbing code until recommendations from multiple states are received to help coordinate and address requirements and language to protect public health and safety.

More information from the Web

Minnesota Plumbing Board details and rulemaking information:

www.dli.mn.gov/Pb.asp

Plumbing information from DLI:

www.dli.mn.gov/CCLD/Plumbing.asp

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National Electrical Code

QUESTIONS & ANSWERS

Central heating equipment

Question: Is it permitted to supply central heating equipment from a multiwire branch circuit?

Answer: No. NEC 422.12 states in pertinent part that central heating equipment shall be supplied by an individual branch circuit. The phrase “individual branch circuit” is specifically defined in Article 100 as a branch circuit that supplies only one utilization equipment. Auxiliary equipment that is directly associated with the central heating equipment is permitted to be supplied by the same individual branch circuit (e.g. condensate pumps, valves, humidifiers, electrostatic air cleaner, etc.)

GFCI protection for dishwashers

Question: With respect to receptacle outlets that are installed to serve kitchen countertop surfaces, the commentary for NEC 210.8(A)(6) in the 2014 NEC handbook states that receptacles installed for disposers, *dishwashers* and trash compactors are not required to be GFCI protected. Is this a correct statement?

Answer: No. NEC 210.8(D) is new in the 2014 NEC. It states that GFCI protection shall be provided for outlets that supply dishwashers installed in dwelling unit locations. The GFCI protection is required whether the dishwasher is permanently connected or cord-and-plug connected. (As used in this section of the code, outlet is defined in Article 100 as a point on the wiring system at which current is taken to supply utilization equipment; a receptacle outlet is defined in Article 100 as an outlet where one or more receptacles are installed).

GFCI protection for refrigerators

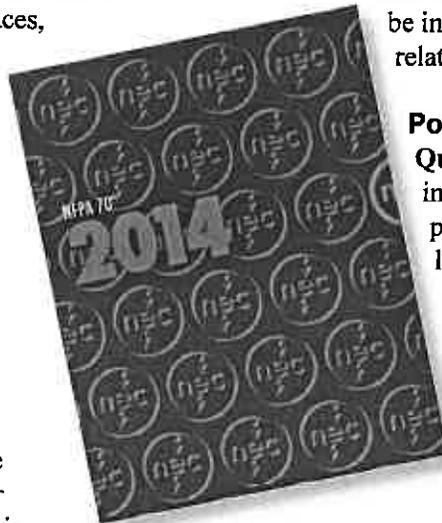
Question: Certain diagrams and commentary in the 2014 NEC Handbook appear to illustrate and explain that GFCI protection is not required for a receptacle outlet that is installed behind a refrigerator, and where the receptacle outlet is within 6 feet of a kitchen sink. Is GFCI protection required for a receptacle outlet that is installed behind a refrigerator and within 6 feet of the kitchen sink?

Answer: Yes. NEC 210.8(A)(6) requires GFCI protection for kitchen receptacle outlets that are installed to serve

the countertop spaces. The receptacle outlet for the refrigerator is not installed to serve the countertop space, so initially one could make a determination that GFCI protection is not required for this particular receptacle outlet.

However, 210.8(A)(7) requires GFCI protection for all receptacle outlets that are installed within 6 feet from the outside edge of dwelling unit sinks.

NEC Handbook commentary and illustrations are intended to be informational only. If there is a discrepancy, the actual code language takes precedence. It's also important to know that commentary and illustrations in the NEC Handbook may only be outlining a specific code rule, and the illustrations and commentary may not be inclusive of all overlapping, associated or related code rules.



Portable appliances

Question: “Dwelling Unit” is defined in NEC Article 100 as “A single unit, providing complete and independent living facilities for one or more persons, including permanent provisions for living, sleeping, cooking, and sanitation.” Is a microwave oven, toaster oven, hotplate, toaster, griddle, grill, waffle iron, skillet or similar portable electrical appliance considered to be permanent provisions for cooking?

Answer: No. Cord-and-plug connected electrical appliances that are not fastened in place (portable) are not considered as permanent provisions for cooking.

Guest rooms and guest suites

Question: NEC 210.18 states that guest rooms and guest suites that are provided with permanent provisions for cooking shall have branch circuits installed to meet the rules for dwelling units (guest rooms and guest suites are defined in Article 100 as accommodations combining living, sleeping, sanitary and storage facilities within a compartment). Does this mean that a guest room with permanent provisions for cooking is considered to be a dwelling unit and it must comply with all of the applicable dwelling unit rules in Article 210?

'NEC' continues on Page 7

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Solar photovoltaic systems: significant changes in '14 NEC

Articles 690 and 705 of the 2014 National Electrical Code (NEC) contain many updates that impact the installation of solar photovoltaic (PV) systems.

DLI Electrical Area Representative Marty Kumm prepared a white paper to outline some of the largest changes. Visit www.dli.mn.gov/cclid/pdf/fall14_NEC.pdf to view the paper.



The 2014 National Electrical Code contains significant changes pertaining to solar photovoltaic systems.

'NEC Questions & Answers' continued from Page 6

Answer: No. Guest rooms and guest suites that are provided with permanent provisions for cooking are required to have the *branch circuits* outlined in NEC 210.11(C); two 20-ampere small-appliance branch circuits, one 20-ampere bathroom branch circuit and one 20-ampere laundry branch circuit. Additional rules for guest rooms and guest suites are found in 210.60(A) and (B) (number of receptacle outlets and placement), 210.70(B) (required lighting outlets) and 406.12(B) (tamper-resistant receptacles). The requirements in 210.12 for arc-fault circuit-interrupter protection are not applicable to guest rooms and guest suites because such rooms and suites are not dwelling units, regardless of whether or not they have permanent provisions for cooking.

Minor repair work (electrical)

Question: Is a Request for Electrical Inspection (electrical permit) required to be filed for *minor repair work*, such as replacing a defective receptacle outlet?

Answer: No. M.S. 326B.36, Subd. 1 [INSPECTION] states "except for minor repair work as the same is defined by rule," every new electrical installation shall be inspected.

The definition in Minn. Rules Chapter 3800.3500, Subp. 10 states that "Minor repair work" means the adjustment or repair or replacement of **worn or defective** parts of electrical equipment and replacement of **defective** receptacle outlets and manual switches for lighting control. Wholesale or extensive replacement of receptacle outlets, manual switches, luminaire retrofits and similar electrical renovations are not considered minor repair work. Likewise, replacing luminaires or other types of utilization equipment or electrical apparatus in their entirety is not considered minor repair work.

While minor repair work is exempt from electrical inspection, it is not exempt from electrical licensing.

Minor repair work is also required to comply with the NEC, even though it may not be inspected. What was once a simple task of replacing a single defective receptacle outlet is more complicated today – NEC 406.4(D) outlines the criteria for equipment grounding, GFCI protection, AFCI protection, tamper-resistant functionality, weather-resistant functionality, etc. All electrical installations are required by law to comply with the NEC, whether or not they are subject to mandatory inspection.

Wind turbines

Question: Are wind turbines required to be listed and labeled?

Answer: Yes. In addition to other technical revisions in the 2014 NEC, Article 694 is now applicable to all wind electric systems; a 100kW threshold has been removed. NEC 694.7(B) states that wind electric *systems* shall be listed and labeled by a Nationally Recognized Testing Laboratory (NRTL). A wind electric system is comprised of many components, including generators, alternators, inverters, controllers and other apparatus; the listing requirement is applicable to the entire wind electric system, not just individual components.

There are three main documents that are used for certifying wind electric systems: Underwriters Laboratories (UL) UL Subject 6140, UL Subject 6141 and UL Standard 6142. Unlisted wind electric systems installed in Minnesota are required to be field evaluated and third-party certified in accordance with Minn. Rules Chapter 3801.3619 and 3801.3620.

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Important reminders about electrical inspection

The following are important reminders for electrical contractors, technology system contractors, registered employers and electrical installers about inspection requirements.

- Requests for Electrical Inspection (permits) are required to be filed for every new electrical installation in any construction, remodeling, replacement or repair, except for minor repair work as defined in law.
- Requests for Electrical Inspection are required to be filed at or before the start of electrical work.
- Requests for Electrical Inspection are required to be filed with the total calculated inspection fees required for the installation.
- Requests for Electrical Inspection are required to include a \$5 surcharge.
- Invoices issued by DLI for additional inspection or surcharge fees are due upon receipt.

Permit fees

Requests for Electrical Inspection are required to be submitted to DLI with the total calculated inspection fees required for the installation. There are no prorated payments of electrical inspection fees for larger projects.

When contractors submit a shortage of inspection fees or omit the surcharge fee, DLI sends an invoice to the electrical contractor for the fee shortage. This can cause delays and reduce the efficiency of the inspection process.

What if my project changes?

Projects may change in scope and scale as they move forward. In those situations, additional inspection fees may be due and payable at the time of the final inspection when the inspection fees are audited by the electrical inspector.



Conversely, overages are refunded to the permit holder.

Inspections required

All electrical wiring must be inspected before being concealed in any manner.

Contractors are required to notify inspectors in advance to allow sufficient time for rough-in inspections. The same applies to final inspections. Failure to notify the inspector when the project is complete may cause delays in obtaining the required inspections. It could also inconvenience customers, result in corrections after the project is finished and it significantly

increases the contractor's liability. Failure to comply with statutes and rules may result in enforcement actions that can include financial penalties, license restrictions, license revocation or other actions available to DLI.

More information from the Web

- General electrical information from DLI: www.dli.mn.gov/CCLD/Electrical.asp
- Electrical inspector directories and maps: www.dli.mn.gov/CCLD/ElectricalInspect.asp
- Electrical codes and standards: www.dli.mn.gov/CCLD/ElectricalCodes.asp

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DLI represented at national electrical meetings



Staff attend NERA meeting in Texas

On behalf of DLI, Sam Sampson (third from left), electrical code representative, attended the annual meeting of the National Electrical Reciprocal Alliance (NERA) Aug. 3-5, 2014, in Austin, Texas. Discussion at the conference included best practices for electrical licensing and certification, inspection techniques, exam development and delivery, and the standardization of regulatory language.

Electrical staff attend national IAEI meeting



DLI staff members attended the 110th Annual Meeting of the Western Section of the International Association of Electrical Inspectors in Cleveland, Ohio, in September.

At left, Dean Hunter, DLI electrical code representative, discusses new electrical technologies at the event's trade show. At right, Sam Sampson, DLI electrical code representative and 2014 president of the Western Section, addresses the more than 300 inspectors, electricians and contractor members at the annual meeting.



Gas piping

Safety campaign targets yellow gas-piping systems

The National Association of State Fire Marshals (NASFM) has launched a nationwide safety campaign to bring awareness to homeowners about proper bonding of yellow corrugated stainless-steel tubing (CSST) due to potential damage risks associated with lightning.

CSST is a flexible, stainless steel pipe used to supply natural gas and propane in residential, commercial and industrial structures. Coated with a yellow, or in some cases, a black exterior plastic coating, CSST is

usually routed beneath, through and alongside floor joists in basements, inside interior wall cavities and on top of ceiling joists in attic spaces.

The NASFM urges all property owners with buildings and homes constructed after 1989 with yellow CSST installed to have the tubing checked for proper bonding and grounding. Manufacturers' instructions



have required direct-bonding and grounding of yellow CSST in new installations since 2006. All are encouraged to have these systems checked by a qualified and licensed electrician.

The American Gas Association partnered with the NASFM for this campaign. Learn more at www.CSSTsafety.com.

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