

**PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2011 NORTH DAKOTA WIRING STANDARDS**

**INSTRUCTIONS PLEASE READ CAREFULLY**

Type or print in **black ink**. Use a separate copy for each proposal. Limit each proposal to a **SINGLE** section. All proposals must be received by the North Dakota State Electrical Board by 2/28/10 at 5:00 p.m. to insure that they be included on the original proposed draft copy for administrative hearing. The North Dakota State Electrical Board will hold a public administrative hearing on the proposed changes. Time and place to be announced at a later date.

Date: February 28, 2010 Name/Company: North Dakota State Electrical Board

Home Phone: (N/A) Work Phone: (701) 328-9522

Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: Entire 24-02

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

Adopt NFPA 70 2008 2011 edition National Electrical Code and NFPA 101 2006 2009 edition Life Safety Code, except if articles are specifically amended.

4. Statement of problem and substantiation for proposal:

To keep current on national electrical codes.

*Don Offerdahl*

\_\_\_\_\_  
(Signature)

**MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507.**

RECEIVED

FEB 25 2010

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF THE 2011 NORTH DAKOTA WIRING STANDARDS

NDSEB

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Date 2-23-10 Name John Travis

Home Phone 701-274-8966 Work Phone 701-671-2783

Company

Street Address PO Box 817 City Moorhead ND

State ND Zip 58061

Please indicate organization represented (if applicable)

1. Section/Paragraph 24-02-01-01

2. Proposal recommends (check one) new text revised text deleted text [checked] [ ] [ ]

3. Proposal (include proposed new wording or identification of wording to be deleted): Add: Equipment for heat, light & power includes HVAC, motors & control of regardless of Voltage either wired or wireless.

4. Statement of problem and substantiation for proposal: HVAC people are still asking do they need licenses for this this may clear it up to include a definition/example

MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507-7335.

Note: Actually need to ask for help on this, many in the HVAC are asking & electricians are asking - would like to see this explained - myself, I know that a license is required.

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Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-01(1)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

1. "Correction order", also marked as FS, indicates a correction is necessary before installation will be considered approved by the North Dakota state electrical board. It means a notice, written by an electrical inspector . . .

4. Statement of problem and substantiation for proposal:

Further explanation to clarify title and coding of a wiring certificate inspected with code violations.

Don Offerdahl

(Signature)

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Date 2-23-10 Name John Travis

Home Phone 701-274-8988 Work Phone 701-671-2783

Company

Street Address P O Box 817 City Moorhead

State ND Zip 58061

Please indicate organization represented (if applicable)

1. Section/Paragraph 24-02-01-01 Def. 7

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted): Add: The Service Point is at the secondary termination of power provider's transformer or J-box.

4. Statement of problem and substantiation for proposal: See Attached

John Travis (Signature)

MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507-7335.

FEB 25 2010

NDSEB

## PROPOSED CHANGE 2011 ND WIRING STANDARDS

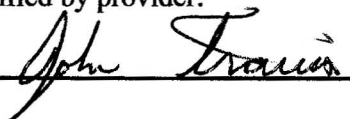
February 23, 2010

John Travis  
701-274-8966—Shop  
701-671-2783—Work  
PO Box 817  
Mooreton, ND 58061

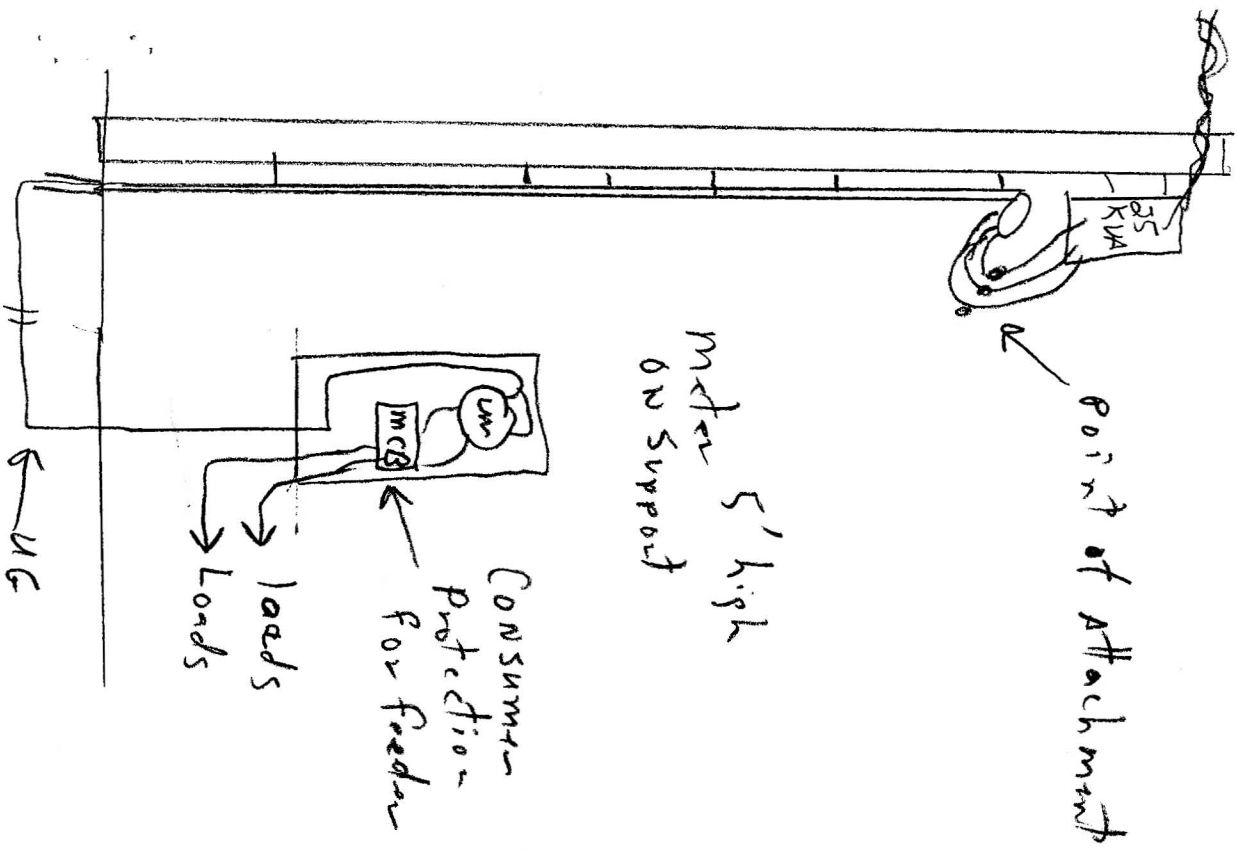
1. Section/Paragraph 24-02-01-01 Definition 7
2. Proposal recommends deleted text/ adding text
3. (A)Delete the last sentence (*The serving utility generally specifies the location of the service point*)  
  
(B)Add in as third sentence “Service point” to read as follows: **The Service Point is at the secondary termination of provider’s transformer or j-box.**
4. This would give building/property owners a definite party to direct their questions to. Generally if consumer’s meter socket/terminal box is attached to building or property (assuming this is the first point of attachment outside of the provider’s equipment) it would make clear who is responsible for making this termination or attaching equipment to building.
  - A. Remove liability for provider of electricity in the event of a burned terminal, damaged feeder, etc. (Majority of new installations are underground)
  - B. Give the consumer a definite person to call if a question rises(eliminating several calls)

Another issue this would solve is that the consumer would have an interest in where the meter socket could be located on their property (This issue came about last year when a certain power provider came up with a new rule that all meter sockets had to be on the side of the building/home and they would only furnish 60 feet of lateral /drop feed. I believe the reason for this was feeder maintenance and meter maintenance—decks, porches, concrete patios, etc were built over/around feeds and meters. This would make it the building owner’s responsibility to ensure the equipment would be accessible, therefore the building owner would be held accountable for changes that they create themselves. One may find that electrical contractors would then set up metering/service disconnect equipment near utility easements on the edge of property. This would ensure that the feeder into the building/across the owners property is fused (has short circuit protection) on the secondary side offering some protection to personnel that may accidently dig into feeder when doing projects in their yard. Another advantage to this set-up would be during a residing/remodel of the building it would not be necessary to contend with bulky electrical boxes on the building creating problems and unforeseen charges. Also in the event of a building fire, the fire department would have somewhere to kill power without the power provider’s assistance eliminating waiting—this could save more lives and property.

Another note some power providers are making customer buy their own meters also, but it is specified by provider.

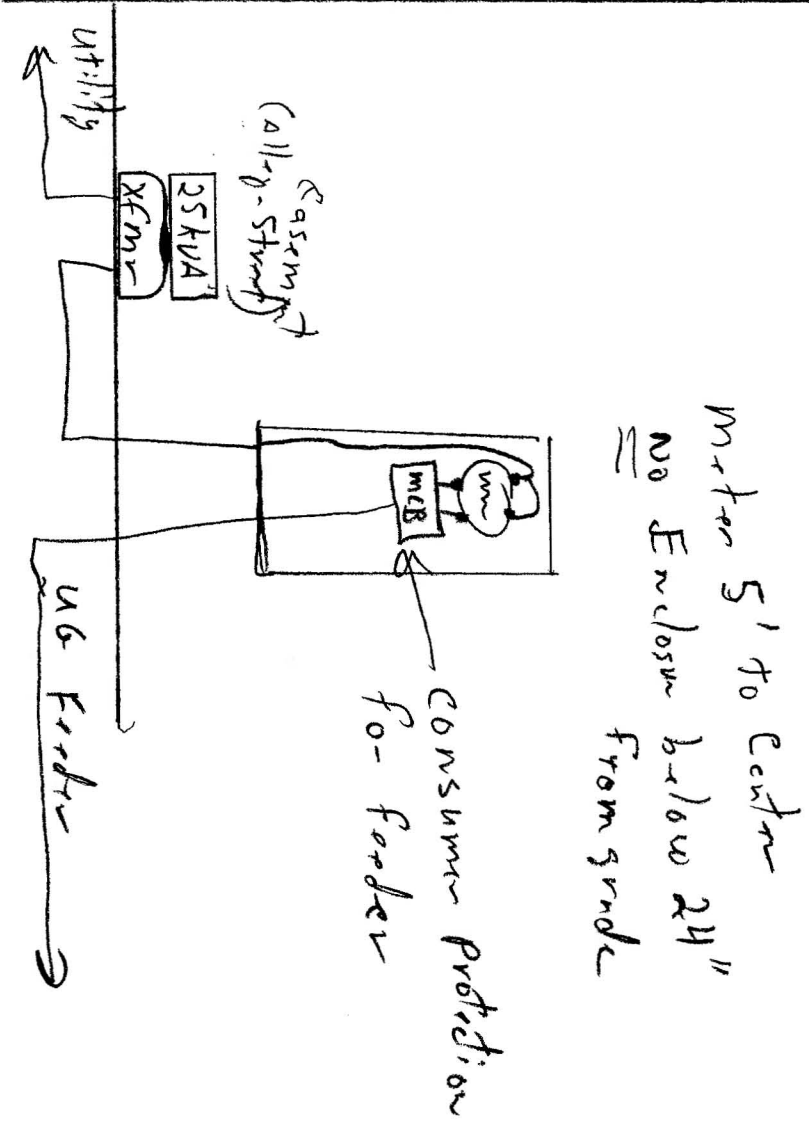
  
\_\_\_\_\_

# OH Utility Drop

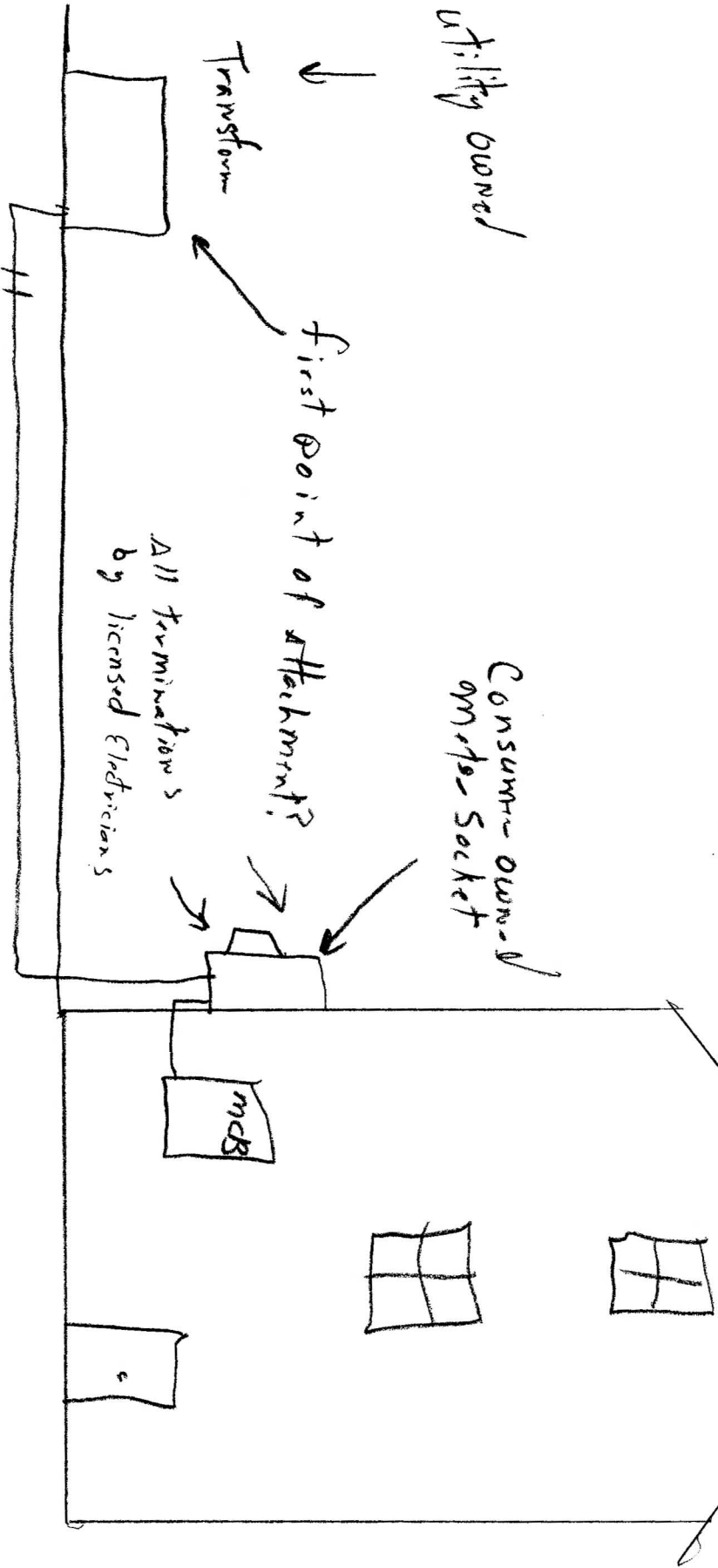


# Lateral Feed

Majority of electricians have excavators or access to them (many are subcontractors of utilities now)



Electrician could trench in & leave beside  
 utilities transform for them to make terminations  
 in their own equipment  
 Electrician would adhere to codes (NEC)  
 (warning ribbon, raceway under walk ways, etc.)  
 Under ground Lateral Feed



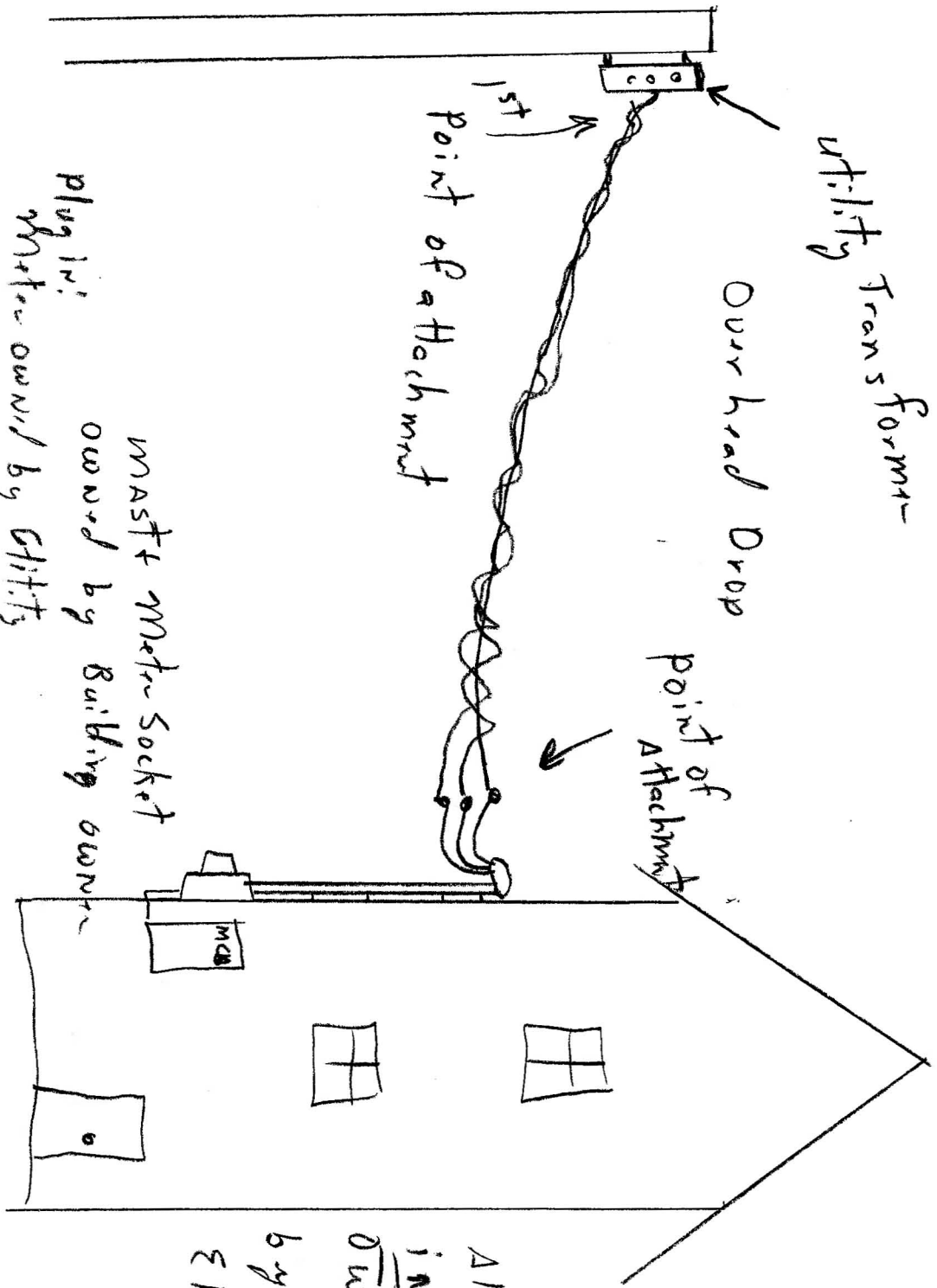
Electrician may leave Roll'd up & Let Utility  
unroll it & connect to their Transformer/Tap

Utility Transformer

Over head Drop

point of Attachment

1st Point of Attachment



Mast & Meter Socket  
owned by Building owner  
plug in  
Meter owned by Utility

All terminations  
in consumer  
owned equipment  
by Licensed  
Electricians



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Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-02(1)(a)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

1.

a. A master electrician shall have at least ~~one-year's~~ two thousand hours of experience

4. Statement of problem and substantiation for proposal:

To be in conformity with the rest of the article of years to hours of experience.

Don Offerdahl

(Signature)

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-02(1)(b)(1) and (2)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

b. A journeyman electrician shall have completed eight thousand hours experience, which experience may not be obtained in less than three years, registered as an apprentice electrician (of which up to three thousand hours may apply under the qualifications of a class B electrician) under the supervision of a contracting master or master of record licensed electrician in an area where electrical construction work is done in the jurisdiction regulating similar licensing and inspection rules of the state of North Dakota, and successfully completed apprentice electrician training as described in subdivision a or b of subsection 2. Two thousand hours credit may be granted for a graduate of a two-year or more electrical school accepted by the state electrical board. Practical experience shall consist of a minimum of four thousand hours and a maximum of eight thousand hours credit may be granted for wiring for and installing electrical wiring, apparatus, and equipment. Practical electrical experience gained through a contracting Master electrician shall also consist of an apprentice completing an approved Bureau of Apprenticeship Training program.

Credit allowed in other areas may include any combination of the following:

(1). A maximum of ~~two~~ one thousand hours credit for ~~maintaining and~~ repairing electrical wiring, apparatus, and equipment and light, heat, and power.

(2). A maximum of one thousand hours credit for ~~maintaining and~~ repairing ~~light, heat, and power, and~~ fire alarm technology circuits or systems;

(3). A maximum of two thousand hours credit for ~~maintaining and~~ wiring and maintaining process control circuits or systems; and

4. Statement of problem and substantiation for proposal:

Decrease experience credit in the category of electrical wiring, apparatus and equipment.

*Don Offerdahl*

\_\_\_\_\_  
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1. Section/Paragraph: 24-02-01-02(1)(d)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

(d). Upon receiving an application . . . The invitation shall outline the available testing dates for the year three months.

4. Statement of problem and substantiation for proposal:

Testing dates established three months in advance of current month's examination invitation list.

Don Offerdahl

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1. Section/Paragraph: 24-02-01-02(1)(e)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

(e). The state electrical board issues an identification card . . . This identification card, along with a government-issued picture identification card, shall be in the possession of the electrician. . .

4. Statement of problem and substantiation for proposal:

Identification card issued by North Dakota State Electrical Board does not contain a picture of the electrician for identification purposes.



(Signature)

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-03(2)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. All wiring materials and equipment . . . Equipment not approved under a testing laboratory category shall be evaluated by a registered professional engineer ~~on state-accepted evaluation forms~~ and recorded on evaluation forms accepted by the board.

Exception: . . . This evaluation shall be maintained with the equipment at all times and a copy submitted to the board.

4. Statement of problem and substantiation for proposal:

Clarifies language and provides a record of the evaluation report to the board.

Don Offerdahl

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Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-03(6)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

6. Metal raceways shall be installed in the following occupancies:

- a. Hospitals;
- b. Nursing homes;
- c. Related patient care areas;
- d. Places of assembly; and
- e. Dormitories designed to house more than sixteen people.

~~All hospitals, nursing homes, and related patient care areas along with dormitories designed to house more than sixteen people shall be wired in metal raceway. Portable cleaning equipment receptacle outlets shall be installed in corridors and located so that no point in the corridor along the floor line, measured horizontally is more than twenty-five feet [7.62 meters] from an outlet. Spacing of receptacle outlets for dormitories and assisted living shall be conformity with section 210.60, 2008 edition. National Electrical Code.~~

Metal raceways shall be used in fixed wiring methods including fire alarms along with metal boxes or non-metallic raceways encased in not less than two inches of concrete.

Exception 1: As provided in article 640, 2011 edition, National Electrical Code, sound reproduction and similar equipment; in article 800, 2011 edition, National Electrical Code, communication circuits; and in article 725, 2011 edition, National Electrical Code, for class 2 and class 3 remote control and signaling circuits.

Exception 2: Listed two-hour fire-rated cables as permitted in article 695.6, article 700.9D and article 760, 2011 edition, National Electrical Code.

Adjacent areas separated by a fire barrier shall be considered a separate building and may be wired in any approved wiring method in chapter 3 of the 2011 edition, National Electrical Code. For the purpose of this section, a fire barrier is defined as a continuous assembly, vertical or horizontal, in accordance with currently adopted state building code. In no case shall it be less than two-hour fire-rated.

4. Statement of problem and substantiation for proposal:

Requirement not applicable. Exception provided to be consistent with 24-02-01-04.

*Don Offerdahl*

\_\_\_\_\_  
(Signature)

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-03(9)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

9. All new construction shall follow the energy-efficiency related requirements for design and construction of buildings in accordance with the currently adopted state building code.

4. Statement of problem and substantiation for proposal:

To inform the electrical industry of the codes and standards required by the state building code.

Don Offerdahl

(Signature)

**MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507.**

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-04

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**Wiring methods.** Fixed wiring methods shall comply with the requirements of 24-02-01-03(6).  
~~The fixed wiring method including fire alarms shall be metal raceway (and metal boxes) or non-metallic raceways encased in not less than two inches [5.08 centimeters] of concrete.~~

~~Exception 1: As provided in article 640, 2008 edition, National Electrical Code, sound reproduction and similar equipment; in article 800, 2008 edition, National Electrical Code, communication circuits; and in article 725, 2008 edition, National Electrical Code, for class 2 and class 3 remote control and signaling circuits.~~

~~Exception 2: Listed two-hour fire-rated cables as permitted in article 695.6, article 700.9D and article 760, 2008 edition, National Electrical Code.~~

~~Adjacent areas separated by a fire barrier shall be considered a separate building and may be wired in any approved wiring method in chapter 3 of the 2008 edition, National Electrical Code. For the purpose of this section, a fire barrier is defined as a continuous assembly, vertical or horizontal, in accordance with currently adopted state building code. In no case shall it be less than two-hour fire-rated.~~

4. Statement of problem and substantiation for proposal:

To be consistent with the entire provisions of 24-02-01-03.

Don Offerdahl (Signature)

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1. Section/Paragraph: 24-02-01-05(1)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

1. Hazardous locations shall be wired in accordance with articles 500-516. Classification of hazardous locations is required to be completed by the owner, representative or engineer that has the qualifications and shall provide documentation as required by the provisions of article 500.4, 2011 National Electrical Code, including the reference standards as listed in article 500.4, 2011 National Electrical Code. For classifications of oilfield installations . . .

4. Statement of problem and substantiation for proposal:

Expand classification documentation as covered in article 500.4, 2011 National Electrical Code, included in fine print note.

Don Offerdahl

(Signature)

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-07(3)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

3. Dwelling occupancies having built-in baking or cooking units, including microwave ovens, installed . . .

4. Statement of problem and substantiation for proposal:

For clarification, fixed microwave ovens are also considered built-in baking or cooking units.

Don Offerdahl

(Signature)

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1. Section/Paragraph: 24-02-01-07(7)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

7. Fifteen and twenty ampere 125 volt receptacles supplying power for garage door openers located in attached or detached garages associated with dwelling units shall be ground-fault protected or a single receptacle installed.

4. Statement of problem and substantiation for proposal:

This will give the owner an option of not having ground-fault protection for garage door receptacle when concerned that tripping may prevent entering into premises. A receptacle on equipment at that height does minimize the possibility of an electric shock.

Don Offerdahl (Signature)

**MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507.**

RECEIVED

NOV 16 2009

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF THE 2008 NORTH DAKOTA WIRING STANDARDS

NDSEB

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Date 11/10/09 Name NEIL MARKUSON
Home Phone 701-5723636 Work Phone 701-770-2024
Company DOUBLE M ELECTRIC INC.
Street Address P.O. Box 612 City WATFORD CITY
State N. DAK. Zip 58854

Please indicate organization represented (if applicable)

1. Section/Paragraph 24-02-01-08 / PARAGRAPH No. 4

2. Proposal recommends (check one) new text revised text deleted text
[ ] [X] [ ]

3. Proposal (include proposed new wording or identification of wording to be deleted):

(Add Following to paragraph No. 4:) ALL OUTSIDE SERVICE OR SERVICES FOR single family dwelling shall be installed ON THE dwelling structure OR WITHIN 10 FEET OF THE structure.

4. Statement of problem and substantiation for proposal:

CURRENT section / paragraph ON SERVICES FOR single family dwelling does NOT specify outdoor service location, clearly

Neil Markuson (Signature)

MAIL TO: North Dakota State Electrical Board, PO Box 857, Bismarck ND 58502.

**PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2011 NORTH DAKOTA WIRING STANDARDS**

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Date: February 28, 2010 Name/Company: North Dakota State Electrical Board

Home Phone: (N/A) Work Phone: (701) 328-9522

Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-08(5)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

5.

b. A greater than one hundred ampere but less than two hundred ampere main house panel shall be installed using ungrounded conductors sized for the proper ampacity. The panel or panels shall contain provisions for a minimum of thirty full-sized branch circuit spaces.

b. c. A two hundred ampere or larger . . .

e. d. Service and feeder calculation . . .

4. Statement of problem and substantiation for proposal:

To cover differences in amperes.

Don Offerdahl

(Signature)

**MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507.**

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Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-10

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

6. When any wall of an existing building where the sheetrock or wall covering has been removed, the electrical wiring requirements shall comply with the provisions of 2011 edition, National Electrical Code.

4. Statement of problem and substantiation for proposal:

This is the time to update the receptacles, switches, spacing, smoke detectors, wiring, etc. of the room in the building.

Don Offerdahl

(Signature)

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Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-10.1(4)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

4. Energized electrical panels that have been submerged need to be de-energized to prevent loss of life and property.

4. Statement of problem and substantiation for proposal:

Language added to prevent hazards when electrical panel is submerged.

Don Offerdahl

(Signature)

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Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-16.1

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

Smoke detectors, ~~and fire alarm systems~~ and carbon monoxide alarms requirement for evacuation and life safety. Fire alarms shall be installed in accordance with the currently adopted state building code and state fire code.

1. Smoke detectors. Dwelling units, . . .

a. ~~In new construction, required smoke detectors shall receive their primary power from the building wiring when such wiring is served from a commercial source and shall be equipped with a battery backup. The detector shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. A detector shall be interconnected so all alarms sound when one is activated. If an existing dwelling unit has an interconnected smoke detector system, the rest of the dwelling unit shall be interconnected with the existing smoke detector system.~~ smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source, and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. Smoke alarms shall be interconnected.

b. ~~In dwelling units, a detector shall be installed in each sleeping room and at a point centrally located in the corridor or area giving access to each separate sleeping area. When the dwelling unit has more than one story and in dwellings with basements, a detector shall be installed on each story and in the basement. In dwelling units where a story or basement is split into two or more levels, the smoke detectors shall be installed on the upper level, except that when the lower level contains a sleeping area, a~~

~~detector shall be installed on each level. When sleeping rooms are on an upper level, the detector shall be placed at the ceiling of the upper level in close proximity to the stairway. In dwelling units where the ceiling height of a room open to the hallway serving the bedrooms exceeds that of the hallway by twenty-four inches [60.96 centimeters] or more, smoke detectors shall be installed in the hallway and in the adjacent room. In vaulted ceilings, location of the smoke detector shall follow manufacturer's instructions. On each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.~~

When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit.

c. Household fire alarm systems installed in accordance with NFPA 72 that include smoke alarms, or a combination of smoke detectors and audible notification device installed as required by this section for smoke alarms, shall be permitted. The household fire alarm system shall provide the same level of smoke detection and alarm as required by this section for smoke alarms. Where a household fire warning system is installed using a combination of smoke detector and audible notification device(s), it shall become a permanent fixture of the occupancy and owned by the homeowner. The system shall be monitored by an approved supervising station and be maintained in accordance with NFPA 72.

2. Fire alarm systems. Apartment houses . . .

3. Carbon monoxide alarms. For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.

4. Statement of problem and substantiation for proposal:

To inform the electrical industry of the codes and standards required by the state building code.

Don Offerdahl

(Signature)

**MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507.**

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Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-19(2)(a)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

a. The ~~goldenrod~~ start-up copy of the certificate . . .

4. Statement of problem and substantiation for proposal:

Terminology conformed to paper and electronic wiring certificates.

Don Offerdahl (Signature)

**MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507.**

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-19(2)(b)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

b. Within fifteen days of completion . . .the ~~white and green copies~~ final paperwork shall be ~~forwarded~~ submitted . . .

4. Statement of problem and substantiation for proposal:

Terminology conformed to paper and electronic wiring certificates.

*Don Offerdahl*

(Signature)

**MAIL TO: North Dakota State Electrical Board, PO Box 7335, Bismarck ND 58507.**

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-19(5)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

5. Inspection fees shall be as follows: . . .

Inspection fees shall accompany . . .

It shall be grounds for discipline of a master or class B electrician's license if it is discovered that they charged or collected from the customer an electrical inspection fee greater than the fee actually in effect.

4. Statement of problem and substantiation for proposal:

It is unlawful for licensed electrical contractors to charge the customer more than the actual inspection fee paid to the North Dakota state electrical board.

Don Offerdahl (Signature)

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-19(12)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

12. The inspection fee for all electrically driven irrigation machines, and motor-driven passenger or freight elevators and dumbwaiters and out-of-state structures or skids installed in North Dakota . . .

Elevators and dumbwaiters having horsepower rating up to 5 horsepower - ~~\$20.00~~  
\$25.00.

Out-of-state structures or skids – based on inspection fee schedule.

The companies having supervision of elevators, dumbwaiters, or electrically driven irrigation machine or out-of-state structures or skids installation . . .

4. Statement of problem and substantiation for proposal:

To conform to minimum inspection fee effective April 1, 2005, as well as identifying structures coming into North Dakota that requires an inspection process.

Don Offerdahl

(Signature)

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-19(14)

2. Proposal recommends (check one) new text  revised text  deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

14. For self-wire inspections on wiring done by the owner, the owner is required to notify the state electrical board or authority having jurisdiction before work commences and receive approval to do the work by obtaining a self-wire permission number. The inspection shall be stated . . .

4. Statement of problem and substantiation for proposal:

Language added to provide how an owner obtains permission to self-wire.

Don Offerdahl (Signature)

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Street Address: P.O. Box 7335, Bismarck, ND 58507

Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-21(2)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. The annual license fees and expiration dates are as follows:

- |    |                          |         |  |
|----|--------------------------|---------|--|
| a. | Master license:          | \$50.00 | <u>Expires April 30<sup>th</sup></u>   |
| b. | Journeyman license:      | \$25.00 | <u>Expires March 31<sup>st</sup></u>   |
| c. | Class B license:         | \$40.00 | <u>Expires April 30<sup>th</sup></u>   |
| d. | Apprentice registration: | \$10.00 | <u>Expires January 31<sup>st</sup></u> |

4. Statement of problem and substantiation for proposal:

Added expiration dates for awareness.

Don Offerdahl

(Signature)

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Please indicate organization represented (if applicable) (N/A)

1. Section/Paragraph: 24-02-01-22(g)

2. Proposal recommends (check one) new text revised text deleted text

3. Proposal (include proposed new wording or identification of wording to be deleted):

g. The provider of the presentation shall forward an attendance list to the board . . and the electrician's license number ~~or~~ and last four digits of social security number. The certificates shall be sent to the board only if requested to do so by the board. The provider shall be responsible to keep accurate attendance by periodically checking attendees during the class. Providers that conduct continuing education classes in North Dakota the attendance record shall be submitted electronically through the North Dakota state electrical board's website.

4. Statement of problem and substantiation for proposal:

This added language assures attendees receive proper credit that has been approved by the North Dakota State Electrical Board.

Don Offerdahl

(Signature)

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