

**SHELBYVILLE BUILDING COMMISSION
SHELBYVILLE CITY HALL
COMMON COUNCIL CHAMBERS**

DATE: September 10, 2014

TIME: 11:30 a.m.

CALL TO ORDER:

ROLL CALL:

READING OF THE MINUTES AND APPROVAL:

NEW BUSINESS: Electrical Exams

OLD BUSINESS: Board of Works Dean Rush Appeal

MISCELLANEOUS BUSINESS:

ADJOURNMENT:

SHELBYVILLE BUILDING COMMISSON

MEETING MINUTES

SEPTEMBER 10, 2014

Jay Wortman called the meeting to order at 11:35 a.m.

Members Present: Jay Wortman, Tony Nicholson, Gary Keppel, Joe Runnebohm, David Wirrig, David Rush, Jim Marshall

Members Absent: None

Staff Present: Daniel Bird

Approval of Minutes: Gary Keppel made a motion to approve the August 13, 2014 minutes as presented and Tony Nicholson seconded the motion. Motion passed 7-0.

New Business: Electrical Exams: Daniel Bird presented four electrical exams that were given that morning. The exams include three journeyman and one contractor. The scores for the journeyman were as follows: 35%, 62% and 84%. A motion was made seconded that the journeyman exam taker with a score of 84% passed the exam. The motion passed 7-0. The score for the contractor was 41%.

Old Business: Board of Works – Dean Rush Appeal: Trent Meltzer explained the Shelbyville Board of Work and Safety received an appeal of the Commission's order regarding Randall Dean Rush, Jr. The Board has remanded the case back to the Commission because it erred in issuing an order without making a specific finding of violation.

After discussion concerning the appeal Jim Marshall made the following motion:

The Building Commission finds that Dean Rush Jr. has, either willfully, or by reason of incompetence, committed the violations as listed in paragraphs 1 through 7 of the Memorandum to the Building Commission from Dann Bird dated 08/05/2014; and hereby suspends Dean Rush's Electrical License until such time that he takes and passes the Shelbyville Contractors Electric Test or another Electric test that is accepted by the City. Said suspension is stayed until his outstanding permits are completed, but no new permits may be issued during the stay.

Joe Runnebohm seconded the motion. The motion passed 7-0.

Adjournment: A motion was made and seconded to adjourn the meeting. The motion passed 7-0.

The following is a list of the violations referenced by the Building Commission in the motion on Wednesday, September 10, 2014 to suspend Dean Rush's Electrician's License:

1. Changes to the electrical service equipment and installation by Dean Rush at the Bible Holiness Church were required as a result of an inspection conducted by James Hawkins, Area Supervisor for the State Fire Marshal's Office to meet various sections of the 2008 Indiana Electrical Code. Sections of the Electrical Code cited included the following: (Reference: Letter dated 07-07-2014 from James Hawkins, State Fire Marshal's Office)
 - a. Table 310.16 Allowable Ampacities Insulated Conductors (Cited two times)
 - b. Section 250.28 Main Bonding Jumper and System Bonding Jumper
 - c. Section 250.24 Grounding Service-Supplied Alternating-Current Systems.
2. Changes to the electrical service equipment and installation by Dean Rush at the Bible Holiness Church were required as a result of inspections conducted by City Building Inspection Staff to meet various sections of the 2008 National Electric Code (NEC). Sections of the Electrical Code cited include the following: (Reference: Letter dated 07/06/2014 Re: Work performed at 2911 E Michigan Rd (Bible Holiness Church) by Dean Rush Electric)
 - a. Section 250.4 General Requirements for Grounding and Bonding (Cited three times)
 - b. Section 300.4(A)(1) Protection Against Physical Damage / Cables and Raceways Through Wood Members/Bored Holes
 - c. Section 440.14 Location
 - d. Section 314.23(B) Supports / Structural Mounting
 - e. Section 590.2(B) All Wiring Installations / Approval
 - f. Section 230.62 Service Equipment / Enclosed or Guarded
 - g. Section 408.3(A)(2) Supported and Arrangement of Busbars and Conductors / Conductors and Busbars on a Switchboard or Panelboard / Switchboard
 - h. Section 800.133(A)(1)(c) Exception 1 Installation of Communication Wires, Cables and Equipment/Separation from other conductors/In Raceways, Cable Trays, Boxes, and Cables/Electric Light, Power, Class I, Non-Power-Limited Fire Alarm and Medium-Power Network-Powered Broadband Communication Circuits in Raceways, Compartments and Boxes/ Exception No. 1
 - i. Section 406.5 Receptacle Faceplates/Cover Plates
 - j. Section 210.8 (A)(7) Ground-Fault Circuit-Interrupter Protection for Personnel/Dwelling Units/Laundry, utility and wet bar sinks
 - k. Section 408.41 Grounded Conductor Section Terminations
 - l. Section 590.3D Time Constraints/Removal

- m. Section 250.28 Main Bonding Jumper and System Bonding Jumper
 - n. Section 250.24 Grounding Services – Supplied Alternating –Current Systems
 - o. Section 250.28(2) Main Bonding Jumper and System Bonding Jumper/Main Bonding Jumper for Services with More Than One Enclosure
 - p. Section 250.53(B) Grounding Electrode System Installation
 - q. Section 353.44 Expansion Fittings
 - r. Section 215.2 Minimum Rating and Size
 - s. Table 310.16 Allowable Ampacities of Insulated Conductors
 - t. Section 352.30 Securing and Supporting
3. Changes to the electrical service equipment and installation by Dean Rush at 909 Oak Park Dr. were required as a result of inspections conducted by City Building Inspection Staff to meet various sections of the 2008 National Electric Code (NEC) Sections of the Electrical Code cited include the following: (Reference: Letter dated 07/06/2014 Re: Dean Rush Electric)
- a. Section Table 310.13(A) Conductor Applications and Installations Rated 600 Volts
 - b. Section 334.30 Securing and Supporting
 - c. Section 300.11 Securing and Supporting
 - d. Section Table 300.5 Underground Installations
4. Changes to the electrical service equipment and installation by Dean Rush at 2798 Tammy Sue Drive were required as a result of inspections conducted by City Building Inspection Staff to meet various sections of the 2008 National Electric Code (NEC) Sections of the Electrical Code cited include the following: (Reference: Letter dated 07/06/2014 Re: Dean Rush Electric)
- a. Section 408.41 Grounded Conductor Section Terminations
 - b. The City and Duke Energy require the meter base installation must be complete and approved by City (Green tagged) prior to scheduling service connection.
5. Changes to the electrical service equipment and installation by Dean Rush at the First Merchants Bank (2350 Market Place Blvd.) were required as a result of inspections conducted by City Building Inspection Staff to meet various sections of the Shelbyville Code of Ordinances (SCO) and 2008 National Electric Code (NEC) Sections of the Electrical Code cited include the following: (Reference: Letter dated 07/06/2014 Re: Dean Rush Electric)
- a. Section CSO 155.30 License Required
 - b. Section CSO 155.31 Classes of License
 - c. Section NEC 314.16 Number of Conductors in Outlet, Device and Junction Boxes and Conduit Bodies
 - d. Section NEC 408.3 Support and Arrangement of Bus bars and Conductors

- e. Section NEC 250.4(A) General Requirements for Grounding and Bonding/Grounded Systems
 - f. Section NEC 300.5 Underground Installations
6. Changes to the electrical service equipment and installation by Dean Rush were required as a result of inspections conducted by City Building Inspection Staff to meet Mobile Homes and Smoke Detector requirements (Reference: Letter dated 07/06/2014 Re: Dean Rush Electric) Re: *City Shelbyville Fire and Building Departments have collectively agreed to the following: Due to the inherently elevated safety risk in mobile homes, and to protect the public, electrical service connection or re-connection will NOT be granted in mobile homes until smoke detectors are installed (Reference: Letter dated December 18th, 2013 to Shelbyville Registered Contractors)*
7. Changes to the electrical service equipment and installation by Dean Rush 317 Howard St. were required as a result of inspections conducted by City Building Inspection Staff to meet various sections of the Shelbyville Code of Ordinances (SCO) and 2008 National Electric Code (NEC) Sections of the Electrical Code cited include the following: (Reference: Letter dated 07/06/2014 Re: Dean Rush Electric)
- a. Section CSO 155.20 Installation Permit Required
 - b. Section NEC 210.8(A)(7) Ground-Fault Circuit-Interrupter Protection for Personnel/Dwelling Units/Laundry utility and wet bar sinks
 - c. Section NEC 408.4 Circuit Directory or Circuit Identification
 - d. Section NEC 406.8(B) Receptacles in damp or wet locations/wet locations