

**Minutes
Board of Appeals
Council Chambers
Tuesday, August 2nd, 2011, 8 a.m.**

Members Present

Daryl Christensen, Tim Fonder, Liz Squyer, and Keith Thompson

Members Absent

Dave Van Nieuwenhuizen

Guests Present

Ercell Fortney, Kevin Wilson, Kevin Meilke, Bruce Palen, Chris Palen, Dean Lanier and Frank Ataiyan

Approval of Minutes of Last Meeting

A motion was made by Ms. Squyer and a second was made by Mr. Fonder to approve the minutes of the Tuesday, May 10th, 2011 hearing, Appeal No. 3-2011. Yeses, 4. Noes, 0.

New Business

1. The file was opened for Appeal No. 4-2011. The secretary presented the appeal to the Board. Ercell Fortney of Empire Building Construction was introduced as the contractor proposing the construction of a repair garage or shop addition onto the Sioux International Implement facility located at 6401 W 12th Street. Kevin Wilson of Building Sprinkler was present as the sprinkler contractor. The portion of the building that the addition is attached to is equipped with an automatic fire extinguishing system. The addition will also be protected by an automatic fire extinguishing system. Presently the underground fire service extends below the existing building approximately 40 feet to the sprinkler riser. Building Sprinkler has proposed to extend an additional 16 feet below the floor and foundation of the proposed addition due to the location of the existing fire service. Dean Lanier and Frank Ataiyan of the Fire Prevention Bureau specified that they interpret NFPA 24, the standard for underground piping for automatic fire extinguishing systems, to require the contractor to eliminate the extension of the underground service below both the existing building and the proposed addition, and to locate the sprinkler service immediately inside the addition. Mr. Wilson of Building Sprinkler requested that the Board allow the connection onto the existing underground service and extending the service underneath the addition another 16 feet by isolating the service by a single post indicator valve (PIV). Bruce Palen specified that the original building was approved with the extension of the sprinkler

service under the existing slab when the structure was built and questioned the necessity of an additional cost of relocating the riser due to the construction of the addition. Mr. Lanier specified that the standard intends that the service not be located below grade due to the possibility of vibrations in the pipe due to water flow and pressure changes which could in the future affect the maintenance of the sprinkler service. Mr. Wilson presented information from NFPA and AFSA which in his interpretation allows the service pipe to extend below grade based on the installation of a post indicator valve on the exterior and another valve at the sprinkler service. Section 10.6 of NFPA 24 was presented and discussed.

Subsequent discussions resulted in a motion by Mr. Christensen and a second by Mr. Fonder to accept the existing underground sprinkler service pipe along with the extension of 16 feet in the addition based on the installation of the outside post indicator valve and the interior valve at the existing sprinkler riser. Upon calling the roll, ayes were presented by Mr. Christensen and Mr. Fonder and noes were presented by Ms. Squyer and Mr. Thompson. Motion failed.

Further discussions occurred on the interpretation of Section 10.6.2 of NFPA 24 and how the service was located under the existing building.

Further discussion resulted in a motion by Mr. Fonder and a second was made by Mr. Thompson to table or defer the matter to a subsequent hearing with the full board present. The next hearing was scheduled for 8:00, Wednesday, August 10th, 2011. Yeses, 3. Noes, 1. Motion passed.

Adjournment

A motion was made by Mr. Fonder and a second was made by Ms. Squyer to adjourn the meeting. Yeses, 4. Noes, 0.

Secretary