

**MINUTES
WINDSOR HISTORIC DISTRICT COMMISSION
SPECIAL MEETING
OCTOBER 7, 2019
LUDLOW ROOM, TOWN HALL
275 BROAD STREET, WINDSOR, CONNECTICUT**

Present: Commissioner Rubino, Commissioner Raney, Commissioner Dupont-Diehl, Alternate Commissioner Cassidy, and Alternate Commissioner Sachdev. Alternate Commissioner Hinckley was present but not seated.

**Also Present: Assistant Town Planner, Todd Sealy
 1st Church of Windsor, Ken Baranoski, Barry Budlong, and Al Boehm
 Homeowner, Kevin Doyle**

Chairman Rubino called the meeting to order at 6:00PM. The chairman entertained a motion to adopt the minutes from the September 18th meeting.

Commissioner Raney made the motion to adopt the minutes from the September 18th, 2019 meeting as presented, Commissioner Sachdev seconded the motion and it passed 5-0.

Chairman Rubino opened the discussion by asking the committed if they have had an opportunity to see the light.

Al Boehm, from 1st Church of Windsor explained that the color insert had been placed on the light. There was a discussion on how effective the insert was in changing the color of the light. Kevin Doyle, a nearby homeowner explained that they had gone to a lighting and stage production company to get the insert for the light. The insert was taped to the light over the LEDs and the applicants were working to figure out a more permanent solution for adjusting the color of the lights. Commissioner Dupont-Diehl said she had seen the lights with the filter and that the lights were still bright, the filter made a big difference on the color of the light. Assistant Town Planner, Todd stated that he went out Wednesday night with the light meter to take some readings at various distances. He said that the filter did dim the lights but that there was light being cast out at 36' from the fixture, not a significant amount of light but the thought was that there would be some overlap with the fixtures being a certain distance apart. Mr. Doyle asked Mr. Sealy what the measurements were being compared to. Mr. Sealy stated that he compared it to the photometrics that were submitted with the original application. The commission questioned Mr. Sealy about the validity of comparing the photometric plan from the manufacturer and measurements from the light meter. Mr. Sealy stated that the photometric plan should technically be more accurate because measurements from the light meter are picking up light from multiple sources. The applicants stated that the light levels in some areas of the parking lot are low according the photometric plan. By adding filters and making modifications to the fixtures, we could be substantially changing the light output of the fixtures. Mr. Sealy explained that the regulations are based off Illuminating Engineering Society (IES) standard and the minimum for a parking lot is 0.2 footcandles (fc). Mr. Sealy continued to explain that there is some flexibility built into the regulations, not every point within the lot has to reach 0.2 fc but that we try to adhere to these levels for visibility and safety. Mr. Sealy stated that at this point it is not as critical that we hold the applicants to maintain the 0.2 fc everywhere through the parking lot, but that we maintain a level of lighting that will provide

sufficient visibility in the parking lot. Mr. Boehm stated that it was their hope that the lights would get approval and that they would work with the town to adjust the filters and review light levels for compliance. Mr. Boehm said they need to get the lights installed first and once installed they will have to test it with filters to ensure safety and compliance. Mr. Doyle asked Mr. Sealy if the levels he measured were adequate. Mr. Sealy explained the readings that were taken with the light meter. His summary is that the levels were dimmed with the filter but that we won't know if the light levels would be sufficient until the lights are installed. The readings indicated that there was light being casted out at distances of 36' from the fixture and possibly the overlap of light from the fixtures may be sufficient enough for visibility. Mr. Boehm stated that it is their commitment to be code compliant and modify the lights to produce an acceptable yellow light. There was a discussion regarding the appropriateness of approving the lights with conditions and reviewing the light levels after installed. Chairman Rubino suggested another solution would be a tinted glass panel. Mr. Baranoski said that he was concerned that adding filters and glass panels would reduce the light levels further below the recommended lighting regulations. There was a discussion on modifying the fixtures and how those modifications would affect the lighting, glare, and color of the fixtures. There was a discussion on the durability and effectiveness of materials for the filter and the glass inserts.

Chairman Rubino stated that we don't know what the final lumens output is going to be. The questions is do you proceed with the five lights and assume it is going to be there? He said that he feels the applicants are trying to do the right thing by working with the commission to come to a solution. The question is once we install these modifications to what degree is the town going to enforce the lighting regulations. Mr. Sealy said if the church is content with the lighting and if there is enough visibility, we would work with them on that. With the modifications we ultimately won't know until the lights are installed whether or not they will provide sufficient lighting.

Motion: Commissioner Reardon made the motion to approve the lights for 107 Palisado Ave, with the conditions that the lights include a yellow filter, glass inserts, shields, and back plate; that tests be conducted for lighting levels; and that a new application be submitted to include text regarding the modifications. Commissioner Dupont-Diehl seconded and it passed 5-0-0.

The commission reviewed the membership requirements for the committee. The commission discussed potential outreach opportunities. There was some discussion regarding membership outreach, and raising awareness about the district. The commission decided to reconvene at a later date to further discuss outreach opportunities.

Motion: Commissioner Sachdev made a motion to adjourn, alternate commissioner Cassidy seconded and it passed 5-0-0