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| Date: 3-10-23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Name of preparer: Sean Amodt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Contact information of preparer: <a href="mailto:amodtsg@gmail.com">amodtsg@gmail.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>Reasons for change:</p> <ul style="list-style-type: none"> <li>• This ordinance will create a new 'Guidelines for Outdoor Lighting' section in VULU.</li> <li>• Guidelines will complement the lighting purpose section.</li> <li>• Guidelines focus on the causes of bad lighting and encourage solutions for those.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>Current:</p> <p>(There is no current Outdoor lighting Guidelines section. This will be in addition to our current ordinance.)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>Proposed:</p> <p>(8.40 OUTDOOR LIGHTING)</p> <p><u>AB. (Definitions for Luminaire, Spot Luminaire, Shielding, Filtering, Color Temperature, and Glare are included in chapter 2.12.)</u></p> <p><u><b>Luminaire.</b> (new def already done.)</u></p> <p><u><b>Spot luminaire.</b> A lamp projecting a narrow, intense beam of light directly onto a place or person.</u></p> <p><u><b>Shielding.</b> A barrier around a light bulb that directs the light output and minimizes glare.</u></p> <p><u><b>Filtering.</b> The use of translucent materials that allow light brightness while adding a degree of glare reduction.</u></p> <p><u><b>Color temperature.</b> Color temperature for lighting is measured in Kelvins following the light spectrum. The lower Kelvin temperatures are more yellow (ex. 3000K) and the higher temperatures are a more blue or daylight color (ex. 6500K).</u></p> <p><u><b>Glare.</b> An intense and blinding <i>light</i> that reduces visibility.</u></p> <p><u>AC. GENERAL OUTDOOR LIGHTING GUIDELINES.</u></p> <ol style="list-style-type: none"> <li>1. <u><b>Positioning.</b> When possible, lighting should be placed at a location, angle, or height that directs illumination inside the property boundaries where the light fixtures are located and away from adjoining premises used for residential or sleeping purposes.</u> <ol style="list-style-type: none"> <li>a. <u><b>Spot luminaire-</b> A spot luminaire may not be aimed at or directed toward residential buildings on adjacent land without shielding and/or filtering.</u></li> <li>b. <u><b>Exemptions-</b> Lighting for public roadways may be placed up to the edge of any bordering property, with a maximum height of twenty-five feet (25').</u></li> </ol> </li> <li>2. <u><b>Shielding.</b> It is generally preferred to have white light directed downward and/or shielded from the top of the fixture, to protect the night sky, and still provide for safety.</u></li> <li>3. <u><b>Light Color Temperature.</b> Warm White and natural color lamps at a color temperature of 3500K (Kelvin) or less are preferred.</u></li> <li>4. <u><b>Filtering.</b> Filtering should be encouraged where appropriate to minimize glare.</u></li> <li>5. <u><b>Glare.</b> Lighting applications requiring a light with a color temperature above 3500K must be shielded and/or filtered from direct glare.</u> <ol style="list-style-type: none"> <li>a. <u><b>Spot luminaire.</b> A spot luminaire may not be aimed or directed to create glare perceptible to persons operating motor vehicles on public ways.</u></li> </ol> </li> </ol> |

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| <p>b. <b><u>Exemptions to glare.</u></b></p> <p>i. <u>Temporary outdoor lighting (see below)</u></p> <p>ii. <u>Event Lighting (see below)</u></p> <p>iii. <u>Holiday lighting (see below)</u></p> <p>6. <b><u>Time of Operation.</u></b> <u>It is encouraged to have lighting, not intended for safety purposes, be turned off by 11 p.m. for the enjoyment of viewing night skies.</u></p> <p>7. <b><u>Light Output.</u></b> <u>Generally light output (lumens) should not exceed that required for safety purposes.</u></p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## VIRGIN TOWN

### ORDINANCE #

AN ORDINANCE AMENDING CHAPTER \_\_\_\_\_ OF THE VIRGIN UNIFORM LAND  
USE ORDINANCES (“VULU”).

### RECITALS

WHEREAS, - Utah Code provides for the adoption and amendment of Town land use ordinances by the Land Use Authority, which in Virgin is the “Town Council with recommendation by the Planning and Zoning Commission” ; and

WHEREAS, the Virgin Land Use Authority finds that the existing Virgin Town Code (VULU) Chapter \_\_\_\_\_, and the various sub sections found within, require updating to meet the changing needs of the town; and

WHEREAS, the Virgin Land Use Authority finds that, to accommodate the towns desire to provide clarity and continuity within VULU; and

WHEREAS, the Virgin Town Planning and Zoning Commission held properly noticed Public Hearings on these amendments on \_\_\_\_\_, 2023, and voted to recommend its draft amendment ordinance to the Virgin Town Council at a regular meeting on \_\_\_\_\_, 2023;

NOW, THEREFORE BE IT ORDAINED by the Land Use Authority of Virgin, Utah that, in order to provide for the health, safety and general welfare of the citizens of Virgin, Utah, the VULU Ordinance is hereby amended to incorporate the following changes:

## ORDINANCE

NOW THEREFORE be it ordained by Virgin Town, Washington County, State of Utah, acting by and through the Town Council:

(Clean copy)

### (8.40 OUTDOOR LIGHTING)

AB. (Definitions for Luminaire, Spot Luminaire, Shielding, Filtering, Color Temperature, and Glare are included in chapter 2.12.)

**Luminaire.** (new def already done.)

**Spot luminaire.** A lamp projecting a narrow, intense beam of light directly onto a place or person.

**Shielding.** A barrier around a light bulb that directs the light output and minimizes glare.

**Filtering.** The use of translucent materials that allow light brightness while adding a degree of glare reduction.

**Color temperature.** Color temperature for lighting is measured in Kelvins following the light spectrum. The lower Kelvin temperatures are more yellow (ex. 3000K) and the higher temperatures are a more blue or daylight color (ex. 6500K).

**Glare.** An intense and blinding light that reduces visibility.

### AC. GENERAL OUTDOOR LIGHTING GUIDELINES.

1. **Positioning.** When possible, lighting should be placed at a location, angle, or height that directs illumination inside the property boundaries where the light fixtures are located and away from adjoining premises used for residential or sleeping purposes.
  - a. **Spot luminaire-** A spot luminaire may not be aimed at or directed toward residential buildings on adjacent land without shielding and/or filtering.
  - b. **Exemptions-** Lighting for public roadways may be placed up to the edge of any bordering property, with a maximum height of twenty-five feet (25').
2. **Shielding.** It is generally preferred to have white light directed downward and/or shielded from the top of the fixture, to protect the night sky, and still provide for safety.
3. **Light Color Temperature.** Warm White and natural color lamps at a color temperature of 3500K (Kelvin) or less are preferred.
4. **Filtering.** Filtering should be encouraged where appropriate to minimize glare.
5. **Glare.** Lighting applications requiring a light with a color temperature above 3500K must be shielded and/or filtered from direct glare.
  - a. **Spot luminaire.** A spot luminaire may not be aimed or directed to create glare perceptible to persons operating motor vehicles on public ways.

b. **Exemptions to glare.**

- i. Temporary outdoor lighting (see below)
- ii. Event Lighting (see below)
- iii. Holiday lighting (see below)

6. **Time of Operation.** It is encouraged to have lighting, not intended for safety purposes, be turned off by 11 p.m. for the enjoyment of viewing night skies.
7. **Light Output.** Generally light output (lumens) should not exceed that required for safety purposes.

1. Severability. If any section, clause, or portion of this Ordinance is declared invalid by a court of competent jurisdiction, the remainder shall not be affected thereby and shall remain in full force and effect.
2. Conflicts/Repealer. This Ordinance repeals and supersedes the provisions of any prior ordinance in conflict herewith.
3. Effective Date. This Ordinance shall become effective immediately upon adoption by the Virgin Town Council and execution by the Virgin Town Mayor.

ADOPTED AND APPROVED BY THE VIRGIN TOWN COUNCIL ORDINANCE NUMBER \_\_\_\_\_ will become effective on this \_\_\_\_\_ day of \_\_\_\_\_ month, 2023, based upon the following vote:

**Council Member:**

|                    |        |        |
|--------------------|--------|--------|
| Gene Garate        | AYE___ | NAE___ |
| LeRoy Thompson     | AYE___ | NAE___ |
| Mistie Baird       | AYE___ | NAE___ |
| Paul Luwe          | AYE___ | NAE___ |
| Jean Krause, Mayor | AYE___ | NAE___ |

VIRGIN TOWN

a Utah municipal corporation

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Jean Krause, Mayor

ATTEST:

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Krystal Percival, Town Clerk

### **REQUEST FOR VIRGIN TOWN COUNCIL ACTION**

|                            |
|----------------------------|
| To: Mayor and City Council |
| From: Planning and Zoning  |
| Date:                      |
| Subject:                   |
| Citizen comments summary:  |
| Recommendation:            |
| Background and Findings:   |
| Fiscal Impact:             |
| Supporting Documents:      |
| This request prepared by:  |
| This request prepared on:  |