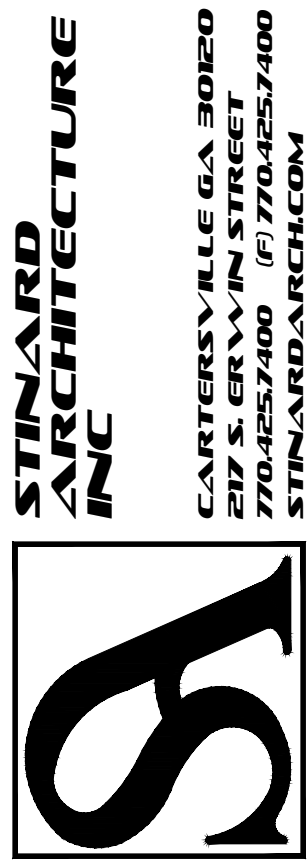


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Life Storage #230
Self Storage Phase II
1639 Route 22
Brewster, NY 10509



ISSUE: FOR CONSTRUCTION
REVISIONS:

PROJECT NUMBER
201941
DATE
6-5-20

SHEET NUMBER
E0.3

COMcheck Software Version 4.1.2.0 Interior Lighting Compliance Certificate

Project Information

Energy Code: 90.1 (2007) Standard
Project Title: LIFE STORAGE #230
Project Type: New Construction

Construction Site: 1639 ROUTE 22
BREWSTER, NY 10509
Owner/Agent: Designer/Contractor:

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Warehouse	18000	0.80	14400
Total Allowed Watts =			14400

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Warehouse				
LED- AE: 4' S' STRIP WITH EMERGENCY BATTERY: Other:	1	26	42	1092
LED- A: (STORAGE): 4' STRIP WITH INTEGRAL OCCUPANCY: Other:	1	62	42	2604
LED- A1: 4' S' STRIP WITH INTEGRAL OCCUPANCY: Other:	1	6	42	252
LED- S: WALL MOUNTED LED W/ EMERGENCY B: Other: Electronic:	1	12	20	240
LED- AE1: 4' STRIP WITH EMERGENCY BATTERY: Other:	1	3	42	126
LED- Q: ELEVATOR PIT LIGHT: Other:	1	2	36	72
Total Proposed Watts =				4386

Interior Lighting PASSES: Design 70% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2007) Standard requirements in COMcheck Version 4.1.2.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Brian M. Armenta -PE
Name - Title
Signature
Date 06/04/2020

Project Title: LIFE STORAGE #230
Data filename: P:\120\120185 LS 230 Brewster NY\120185 COMCHECK.cck
Report date: 06/04/20
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Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
9.4.1.1 (EL1) ¹	Automatic controls to shut off all building lighting installed in buildings >5,000 ft ² .	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.4.1.2 (EL2) ¹	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.4.1.4 (EL4) ¹	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.4.2 (EL5) ¹	Ballasted one and three lamp fixtures with >30 W/lamp have two lamp tandem wired ballasts when >= 2 fixtures in same space on same control.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.4.3 (EL6) ¹	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.6.2 (EL8) ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: LIFE STORAGE #230
Data filename: P:\120\120185 LS 230 Brewster NY\120185 COMCHECK.cck
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COMcheck Software Version 4.1.2.0 Inspection Checklist

Energy Code: 90.1 (2007) Standard

Requirements: 100.0% were addressed directly in the COMcheck software
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
4.2.2 (P4) ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
8.4.1.1, 8.4.1.2 (P8) ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions are claimed. Feeder conductors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: LIFE STORAGE #230
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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
8.7.1 (F16) ¹	Furnished as-built drawings for electric power systems within 30 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
8.7.2 (F17) ¹	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.2.2.3 (F18) ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: LIFE STORAGE #230
Data filename: P:\120\120185 LS 230 Brewster NY\120185 COMCHECK.cck
Report date: 06/04/20
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