

NEW STOREFRONT

-2" aluminum curtain wall

-top and bottom orange panels

EXHIBIT A

Products Used & Notes

Framing System: 200CW
Frame Profile: 2" x 6"

Design Criteria

WIND LOAD CRITERIA:

Wind Speed: 115 mph
Risk Category: II
Exposure: B
Building Height: 25' - 0"

Corner WL: 16.3 psf

Interior Vestibule WL: 10 psf
Interior WL: 5 psf

DEFLECTION CRITERIA:

LATERAL DEFLECTION:

L/175 for spans less than 13' - 6" or 3/4" per life
L/240 + 1/4" for spans greater than 13' - 6"

LATERAL CANTILEVER DEFLECTION:

2L/175

DEFLECTION PARALLEL TO GLAZING PLANE:

1/8" Maximum

Symbol / Note Key



1-1/2" x 3-1/2" steel bar centered on span



Wind load anchor



Perimeter "F" Anchor

Project Notes

1) Wind load conditions assumed based on general project location. If actual wind pressure is greater than the assumed then noted systems will have to be re-evaluated. Wind load calculations in accordance with ASCE 7-10. Building height assumed to be 25'-0".

2) Wind load taken from previous review dated 4/9/2020

TUBELITE
DEPENDABLE

LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

Project: Urban Bean

Reviewed By: Carlos Soto

Date: 8/18/2020

DISCLAIMER:
THIS REVIEW BY TUBELITE INC. SHALL NOT BE CONSIDERED AS AN ENDORSEMENT OR APPROVAL BY A PROFESSIONAL ENGINEER.

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American Gem Services
URBAN BEANS

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