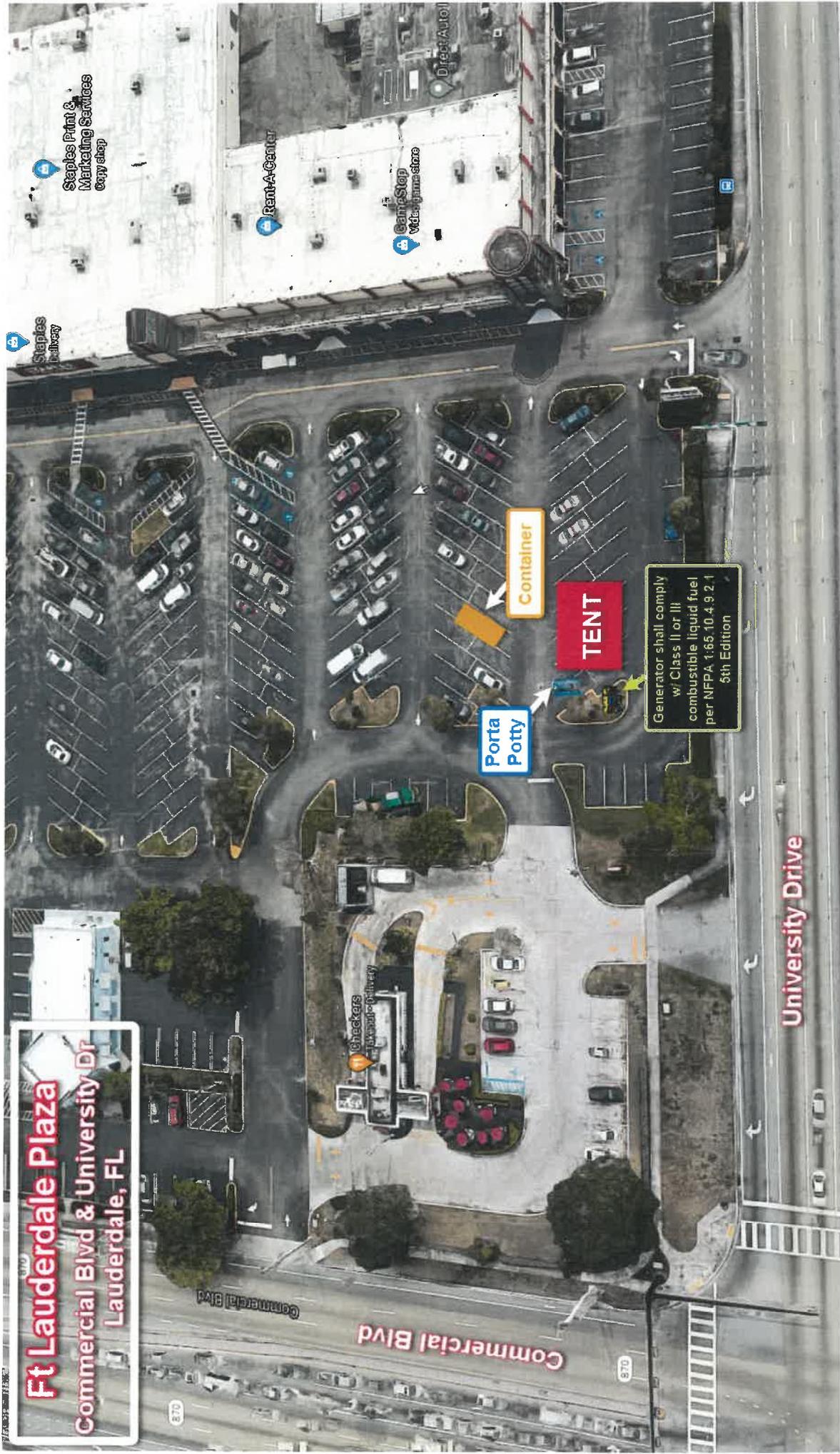


Ft Lauderdale Plaza
Commercial Blvd & University Dr
Lauderdale, FL



Staples Mailbox

Staples Print & Marketing Services copy shop

Rent-A-Center

CampStop videoplane store

Direct Auto

Checkers

Porta Potty

Container

TENT

Generator shall comply w/ Class II or III combustible liquid fuel per NFPA 1-85.10.4.9.2.1 5th Edition

570

Commercial Blvd

Commercial Blvd

570

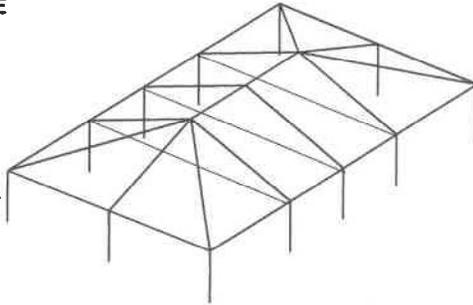
University Drive



PARTS / ANCHORING LAYOUT

NOTE:
TENT MUST BE TAKEN DOWN BEFORE WIND REACHES 55 MPH.

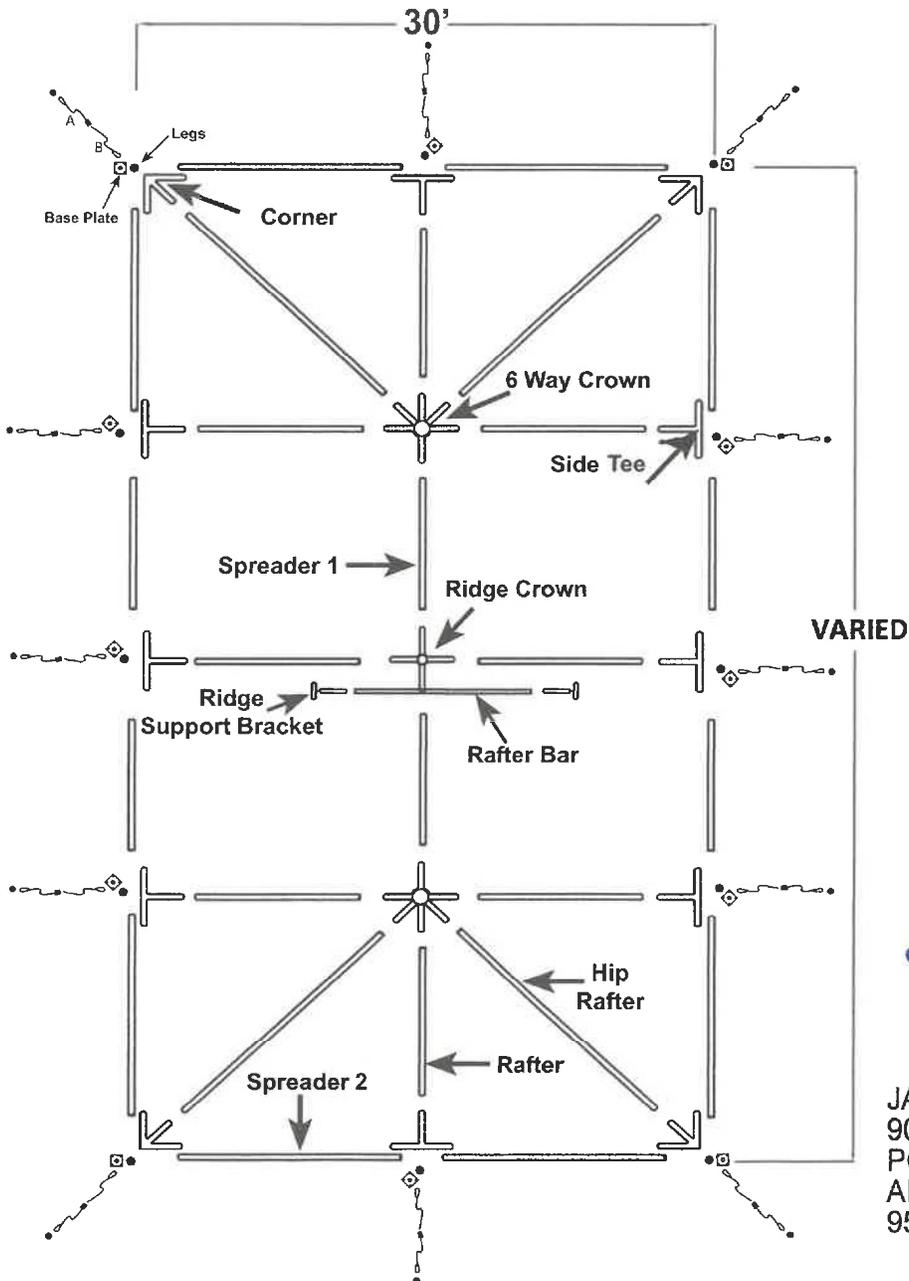
TENT FABRIC HAS BEEN DESIGNED WITH A QUICK REMOVAL AND BREAKAWAY AT WIND VELOCITIES OF 75MPH. FBC 2017 SECTION 3105.4.2.1



1. CALCULATE WIND UPLIFT PER FLORIDA BUILDING CODE 2017, 6th Edition, Chapter 31 and ASCE 7-10 Exposure C.

USE 14 PSF FOR THIS OPEN SIDE TENT WITH NO SIDE CURTAINS WITH A MINIMUM DESIGN WIND SPEED OF 105 MPH.

UPLIFT AREA A = 10'X15' = 150 S.F. UPLIFT ON POLE: 14 PSF X 150 S.F. = FOR STABILITY AT FOUNDATION LEVEL = 2,100 LBS. USE ONE (1) STAKE WITH MINIMUM EMBEDMENT OF 3FT PER POLE WITH 5/8 NYLON ROPE OR 2"X 15' RATCHET STRAP W/8" SEWN EYE ON 24" FE; TFSH ON ADJ. END. IN LIEU OF STAKE USE 55 GALLON WATER BALLAST.



Handwritten signature and date:
11/3/2020

JAMES E GILGENBACH
9009 ONE PUTT PLACE
PORT ST. LUCIE, FL
AR-7457 34986
954-292-0679

SAFETY

INSTALLATION

2. SOIL BEARING CAPACITY STATEMENT

ON SITE INSPECTION INDICATES A SOIL CONDITION UNDISTURBED SAND AND LIME CAPABLE OF SUPPORTING A DESIGN LOAD OF 2,000 PSF. SINCE THE DESIGN LOAD FOR THIS TENT IS ONLY 10PSF D.L + 2 PSF L.L X 1.5 S.F = 18 PSF. THE SOIL SUPPORTING LOAD OF 2,000 PSF IS MORE THAN SATISFACTORY.

3. ANCHORS: CALCULATED UPLIFT ON EACH TENT POLE IS 2,100 LBS

LABORATORY TEST* OF SIX STAKES DRIVEN AT AN ANGLE THRU A STEEL PLATE INTO HARD PACKED BEACH SAND, RESULTED IN A MAXIMUM LOAD CAPACITY OF 18,000 LBS.

THIS IS A 3,000 LB. LOAD CAPACITY PER STAKE. THEREFORE USE 2,100 LBS UPLIFT

3,000 LB/STAKE = ONE (1) STAKE PER POLE.

3,000 LBS CAPACITY PROVIDED = 2,100 LBS UPLIFT REQUIRED. OK

* BY COMPARISON WITH ATTACHED LAB REPORT FOR STAKE ANCHOR PULL TEST.

4. ANCHOR ROPES:

THE BREAKING STRENGTH OF 5/8" NYLON ROPE IS 10,400 LBS. THE WORKING LOAD IS 31% OF THIS. AND, $0.31 \times 10,400 = 3,224$ LBS PER ANCHOR ROPE.

THEREFORE, POLES WITH ONE (1) ANCHOR STAKES AND ROPE WOULD HAVE A ROPE CAPACITY OF 3,224 LBS.

AND: 3,224 LBS CAPACITY PROVIDED > 3,000 LBS UPLIFT REQUIRED. OK

Uplift Calcs Worksheet

Wind Load $F = A \times P$
Tributary Area $A = L \times W$
Wind Speed $V = \text{Velocity} = 105 \text{ MPH}$
Wind Pressure (P) $P = .00256 \times v^2$
 $P = .00256 \times (\text{velocity} \times \text{velocity})$
 $P = .00256 \times (105 \times 105)$
 $P = .00256 \times 11,025$
 $P = 28.224$

Allowable Stress ASD

Peak Velocity Pressure $q = 105^2 \times .00256 = 28.224$

Exposure Coefficient $Kz = 1.03$

Wind Pressure Factor $Kd = .85$

(24.5 Pff or 25Pff) Velocity Pressure

(24.5 say 25)

$G = .85$

$Cp = 1.1$

$G \times Cp = .935$

$q \times Kd \times Kz \dots G \times Cp$

$28.224 \times .85 \times 1.03 \times .935$

Pff **23.10395** Design Pressure / Wind Pressure



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30 x 40 Canopy Fire Safety

SAFETY

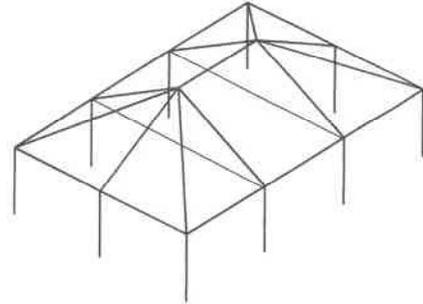
LEGEND

- FE: Fire Extinguisher, (2) tagged, test 5lb ABC
- ES: Exit Sign (Lighted if event is at night)
- NS: No Smoking Sign
- AT: Ash Tray (buckets filled with sand)

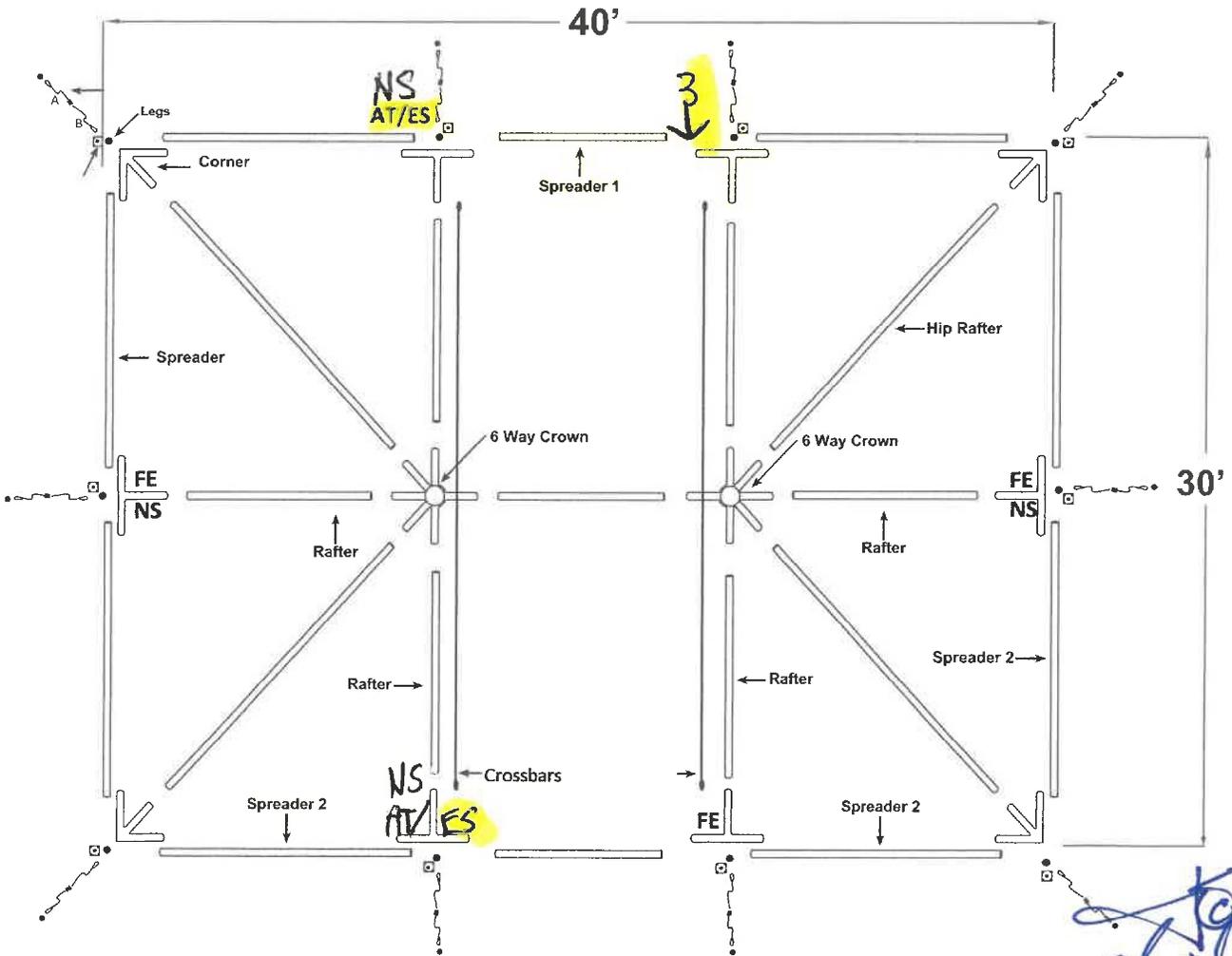
All Aisles will NOT be less than 44" in width.

NOTES Maximum Occupancy....80 people (tent sqft/15 per sf)
 Occupants will evacuate the tent if wind speeds approach 40 mph Tent fabric will be lowered if
 wind speeds approach 55 mph Tent frames will disassembled in case of Hurricane Warning.

Fire Extinguisher Quantity Per Square Foot Chart
 Less than 400 SF = (1) Fire Extinguisher
 400 SF to 800 SF = (2) Fire Extinguisher
 800 SF to 1,200 SF = (3) Fire Extinguisher
 *Plus (1) Fire Extinguisher Per 1,000 SF thereafer



INSTALLATION



James E Gilgenbach
 11/3/2020

JAMES E GILGENBACH
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 PORT ST. LUCIE, FL
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 954-292-0679

ALLDATA REAL ESTATE SYSTEMS, INC.
290 NE 51 STREET
FT. LAUDERDALE, FLORIDA 33334
SINCE 1978
lampasoned@gmail.com
Phone 954 772 1800

Patricia Taime
FIREWORKS LADY & CO., LLC
8600 NW South River Drive
Suite 75
Miami, FL 33166

*RE: Mailing Labels for Lauderhill S.C., LLC / Fireworks Lady & Co., LLC
7242-7562 W. Commercial Boulevard, Lauderhill, Florida 33319*

*Work ordered: Compile two copies of a certified list of all properties
within the 300' radius of the subject property.*

*Legal: C & U SHOPPING CENTER 81-26 B POR TR A AND ALL OF TR A OF
PLAT C&U SHOPPING CTR ADD 100-45 B DESC AS:COMM SW COR OF TR A
OF C&U SHOPPING CENTER 81-26 B,E 498.33 TO POB,CONT E 546.69,N
643,W 535.12,S 642.90 TO POB AKA:PARCEL 1 TOG WITH POR TR A C&U
SHOPPING CENTER 81-26 B DESC AS:BEG SW COR TR A OF SAID PLAT, N
450,E 200,N 43,E 150,N 150,E 159.90,S 642.90,W 498.33 TO POB
AKA:PARCEL 2*

Subject Folio Numbers

4941 15 02 0010

*I hereby certify that the attached list of names represents all of those
properties as stated above within the 300' radius of the subject
property from the Broward, Palm Beach, and/or Miami-Dade County
Records as of December 1, 2020.*

Certified by;


Donald J. Lampasone, Pres.
Alldata Real Estate Systems, Inc.
Part of the Linsoni Inc., Real Estate Group
Developers, Contractors, Research and Real Estate
Make checks payable to Linsoni Inc.

*Disclosure: All information contained herein is obtained from Broward, Palm Beach and Dade County
Records; any and all errors that may be included in this report are from these County Records. Alldata
Real Estate Systems, Inc. and/or its representatives make no representations as to any errors and
omissions by the said County records keeping.*

