

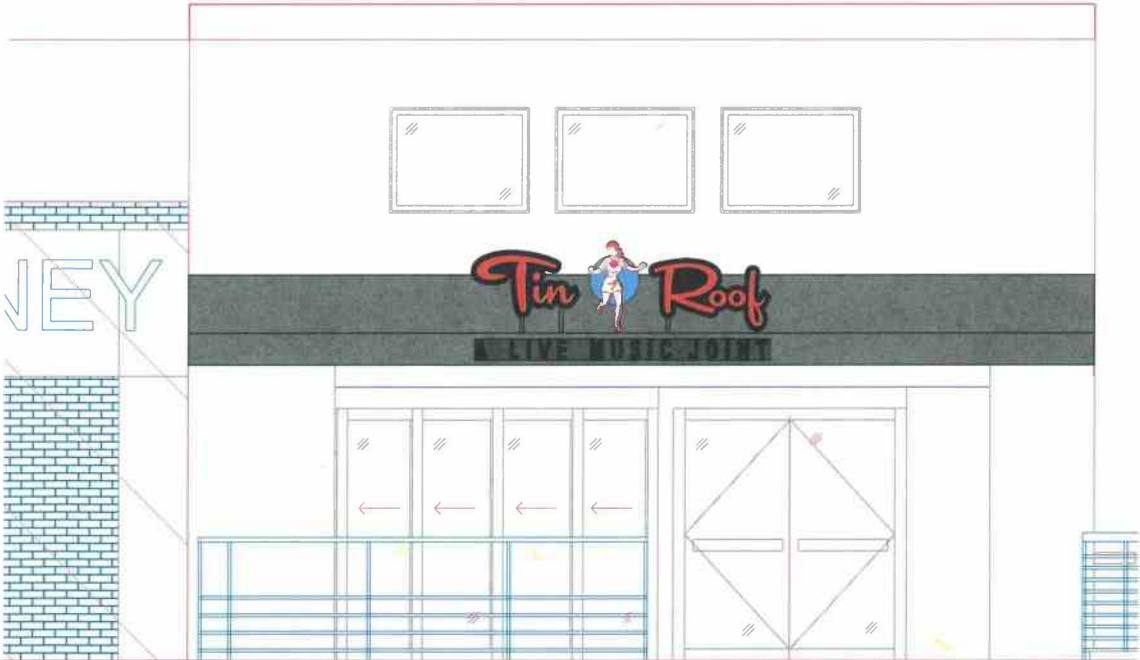
Proposed Sign

104"

41"



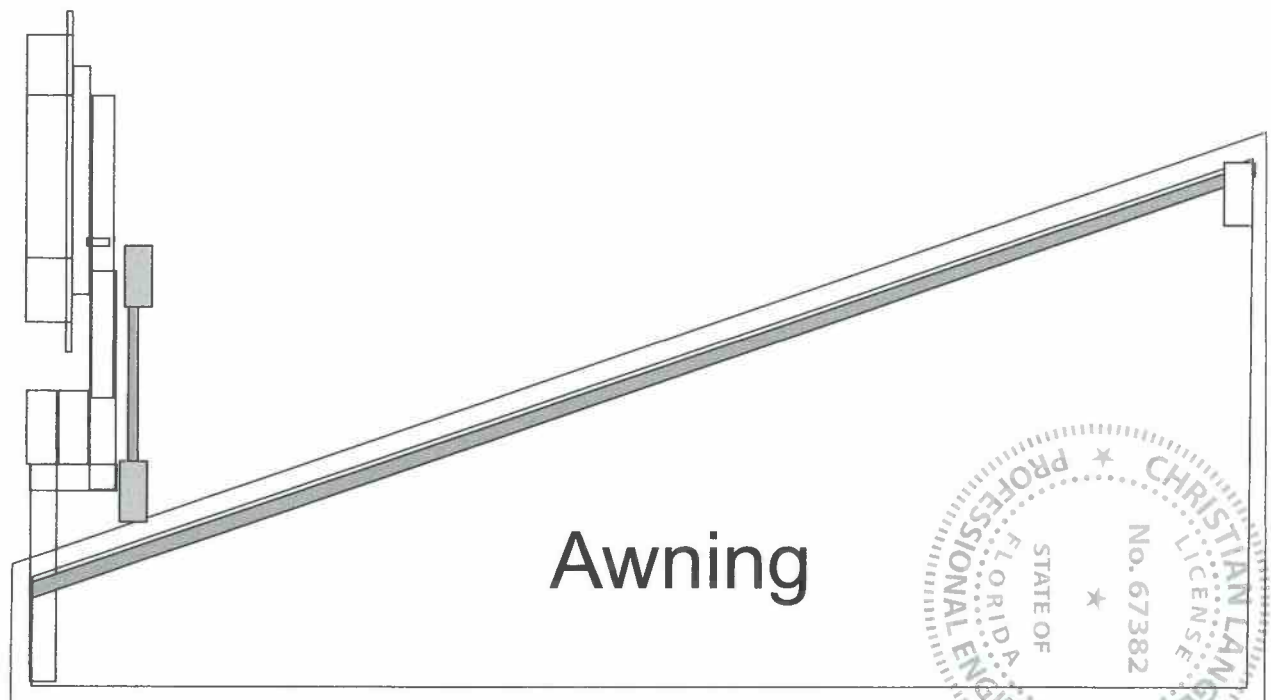
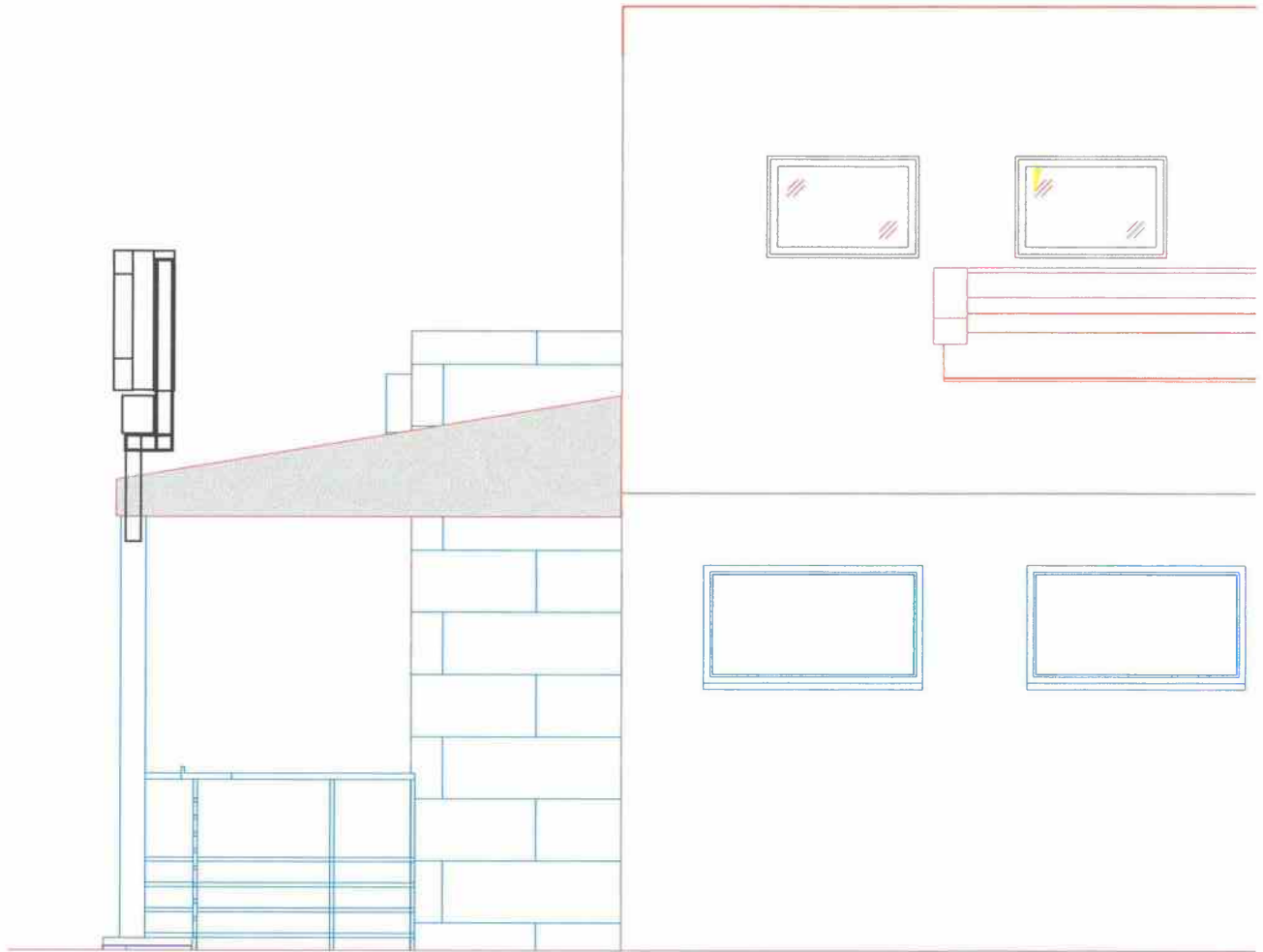
25'8"



Facing North

General Notes:

- Design life in accordance with the requirements of the High Voltage Human zone (HVHZ). This engineering judgement specifies the type, quantity, components, and/or electrical items specified herein.
- Electrical items, details, and configurations are provided by and are the sole responsibility of the manufacturer.
- The design shall ensure that no electrical equipment has been performed and no certification of such is intended.
- Structural damage zones: equipment of AC 318-1A, AISC 360-D, ASME-B31.1, and BS MD-15, as applicable.
- Steel components shall be coated, painted, or otherwise protected against corrosion per FBC Sec. 2907.02(2)(2)(2)(2).
- Aluminum components in contact with steel shall be protected from galvanic corrosion.



Awning

angley
#67382
#31124

ASCE 7-10 WIND LOADS:
• V=170 mph • Exposure 'C'
• Risk Category 2 Structure

- Sign Height = 30 ft max
- $K_{zt}=1.0$, $K_d=0.85$, $G=0.85$
- ASD Load Coeff = 0.6

Wall components & cladding:
 • Zone 4: ± 40.8 psf
 • Zone 5: ± 51.9 psf

1200 N Federal Hwy, #200
Boca Raton, FL 33432
1-888-371-3113

Christian Langley
Florida PE #67382
Cert of Auth #31124

General Notes: Design is in accordance with the requirements of the Florida Building Code, Chapter 6, Part 1, for use within the High Velocity Hurricane Zone (HVHZ). This engineering certifies only the structural integrity of these systems, components, and/or other construction explicitly specified herein. Electrical, safety, and other specifications are provided by and are the sole responsibility of the electrical contractor. No electrical review has been performed and no certification of such is intended. Structural design meets requirements of ASCE 7-10, ASCE 8-02, ASCE 16-13, ASCE 15, as applicable. Steel components shall be coated, painted, or otherwise protected against corrosion per AISC 360-10, AISC 358-10, AISC 359-10, AISC 359-11, AISC 359-12, AISC 359-13, AISC 359-14, AISC 359-15, AISC 359-16, AISC 359-17, AISC 359-18, AISC 359-19, AISC 359-20, AISC 359-21, AISC 359-22, AISC 359-23, AISC 359-24, AISC 359-25, AISC 359-26, AISC 359-27, AISC 359-28, AISC 359-29, AISC 359-30, AISC 359-31, AISC 359-32, AISC 359-33, AISC 359-34, AISC 359-35, AISC 359-36, AISC 359-37, AISC 359-38, AISC 359-39, AISC 359-40, AISC 359-41, AISC 359-42, AISC 359-43, AISC 359-44, AISC 359-45, AISC 359-46, AISC 359-47, AISC 359-48, AISC 359-49, AISC 359-50, AISC 359-51, AISC 359-52, AISC 359-53, AISC 359-54, AISC 359-55, AISC 359-56, AISC 359-57, AISC 359-58, AISC 359-59, AISC 359-60, AISC 359-61, AISC 359-62, AISC 359-63, AISC 359-64, AISC 359-65, AISC 359-66, AISC 359-67, AISC 359-68, AISC 359-69, AISC 359-70, AISC 359-71, AISC 359-72, AISC 359-73, AISC 359-74, AISC 359-75, AISC 359-76, AISC 359-77, AISC 359-78, AISC 359-79, AISC 359-80, AISC 359-81, AISC 359-82, AISC 359-83, AISC 359-84, AISC 359-85, AISC 359-86, AISC 359-87, AISC 359-88, AISC 359-89, AISC 359-90, AISC 359-91, AISC 359-92, AISC 359-93, AISC 359-94, AISC 359-95, AISC 359-96, AISC 359-97, AISC 359-98, AISC 359-99, AISC 359-100. Steel welds: E70xx electrodes. Aluminum welds: 4043 filler alloy. Alum extrusions: 6063-T6 or stronger, UNO.

Tin Roof above awning, Alive music Joint on valance

Sizing and dimensions

104"



Sign Attached to (5) 2" x 2" square tube up right gator shield tubes (2"sq x 0.250", 6061-T6) uprights, welded to awning frame (1/8"x2" fillet welds at 6" OC). Uprights need to be properly spaced and proper high from top of awning To be provided by awning company.

Tin Roof letters and cabinet to be fabricated of aluminum .080 backs with .063 returns 3/8" through bolts with nuts and washers top and bottom on each up right (4) for Tin (2) for Girl (4) for Roof A Live Music Joint panel to have one 1/4" thru bolt per column thru awning material. Fasten raceway to awning w/ 1/4" bolts in pairs at 60" O.C. max. letters attached to raceway with 3/16" pop rivets or machine screws average (4) per letter

4 individual components: (1) A live Music Joint 8" tall x 118" wide box with letters secured to awning face (2) "Tin" channel letters 24" tall by 43" wide (3) Dancing Girl 24" wide by 37" tall (4) Roof channel letters 24" tall by 48" wide



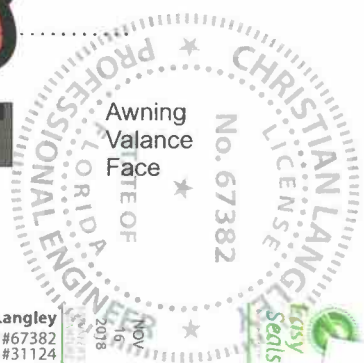
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46"

Awning

Back Panel

Existing upright support

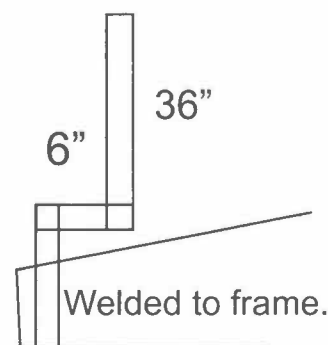
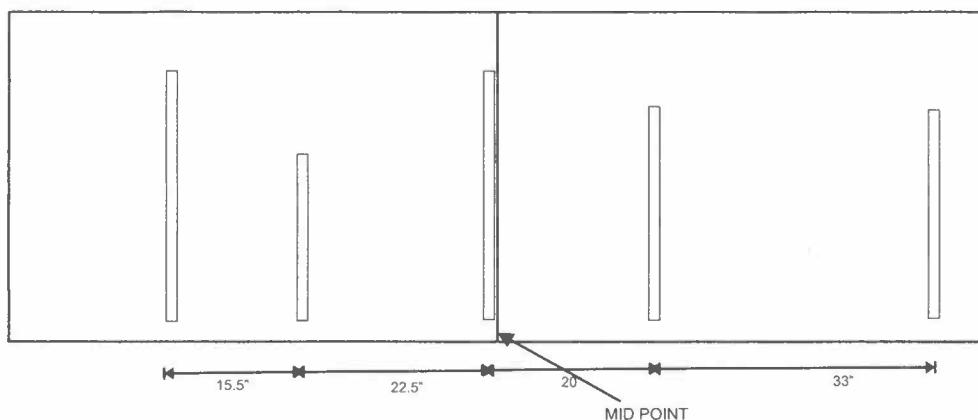
PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 67382
16 NOV 2018
Langley
E #67382
n #31124

easy
Seals

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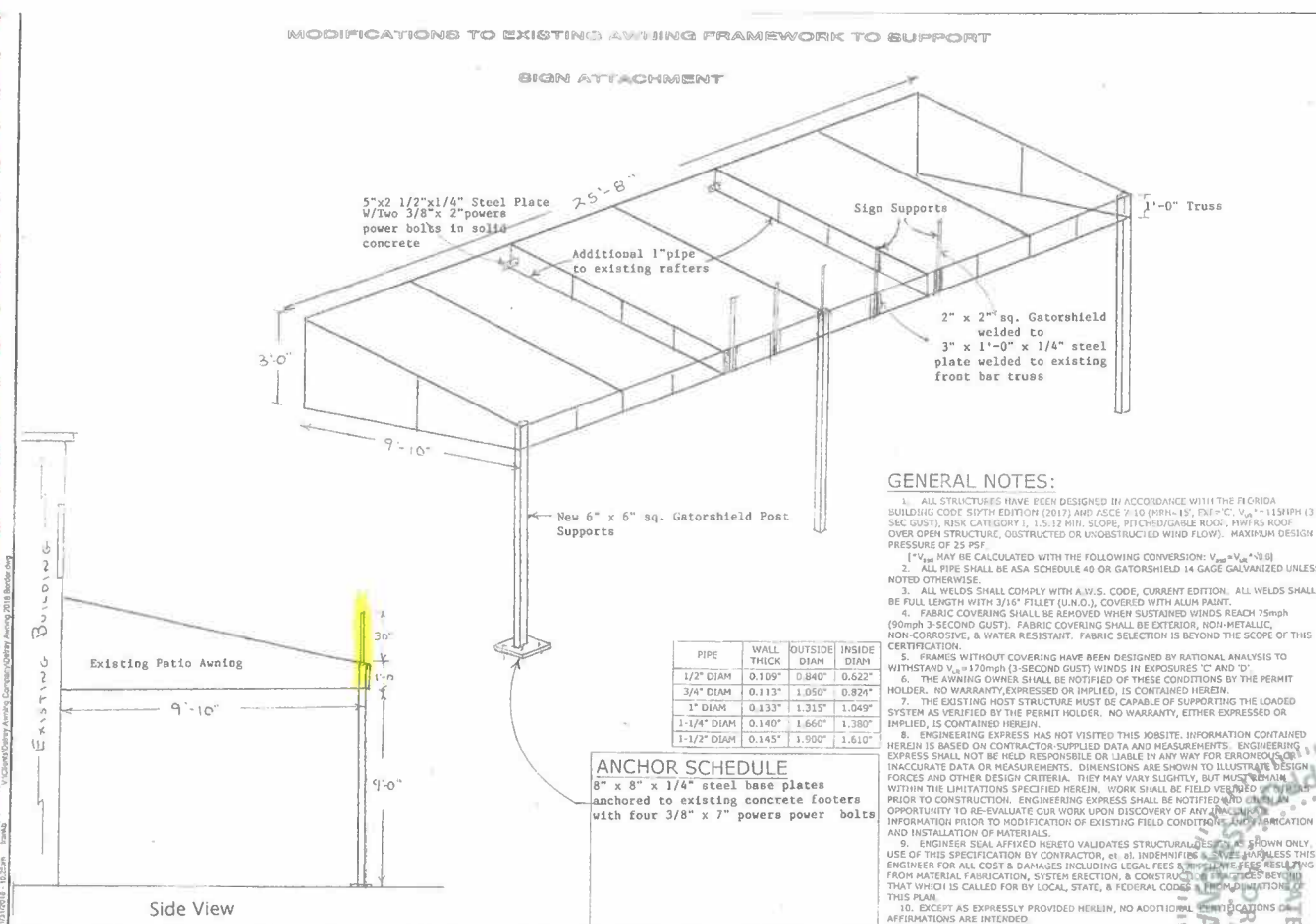
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Frame steps back 6"



Cross section of supports

Awning frame by awning company



STRUCTURAL DETAILS BELOW ARE PROVIDED FOR REFERENCE ONLY. AWNING STRUCTURE SHALL BE DESIGNED BY OTHERS UNDER SEPARATE CERTIFICATION TO SUPPORT SUPERIMPOSED LOADS FROM SIGNAGE.

GENERAL NOTES:

1. ALL STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE SIXTH EDITION (2017) AND ASCE 7-10 (MR=15, EXT=C, $V_{90}=115$ MPH (3 SEC GUST), RISK CATEGORY I, 1.5:12 MIN. SLOPE, PITCHED/GABLE ROOF, HWFRS ROOF OVER OPEN STRUCTURE, OBSTRUCTED OR UNOBSTRUCTED WIND FLOW). MAXIMUM DESIGN PRESSURE OF 25 PSF

2. ALL PIPE SHALL BE ASA SCHEDULE 40 OR GATORSHIELD 14 GAGE GALVANIZED

3. ALL WELDS SHALL COMPLY WITH A.W.S. CODE, CURRENT EDITION. ALL WELDS SHALL BE FULL LENGTH WITH 3/16" FILLET (MIN.) COVERED WITH ALUM. PAINT.

4. FABRIC COVERING SHALL BE REMOVED WHEN SUSTAINED WINDS REACH 75mph (90mph 3-SECOND GUST). FABRIC COVERING SHALL BE EXTERIOR, NON-METALLIC,

5. FRAMES WITHOUT COVERING HAVE BEEN DESIGNED BY RATIONAL ANALYSIS TO

6. THE AWNING OWNER SHALL BE NOTIFIED OF THESE CONDITIONS BY THE PERMIT

7. THE EXISTING HOST STRUCTURE MUST BE CAPABLE OF SUPPORTING THE LOADED SYSTEM AS VERIFIED BY THE PERMIT HOLDER. NO WARRANTY, EITHER EXPRESSED OR

8. ENGINEERING EXPRESS HAS NOT VISITED THIS JOBSITE. INFORMATION CONTAINED

HEREIN IS BASED ON CONTRACTOR-SUPPLIED DATA AND MEASUREMENTS. ENGINEERING EXPRESS SHALL NOT BE HELD RESPONSIBLE OR LIABLE IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN

INACCURATE DATA OR MEASUREMENTS. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY, BUT MUST REMAIN WITHIN THE LIMITATIONS SPECIFIED HEREIN. WORK SHALL BE FIELD VERIFIED BY NIP-RS.

PRIOR TO CONSTRUCTION, ENGINEERING EXPRESS SHALL BE NOTIFIED AND GIVEN AN OPPORTUNITY TO RE-EVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION

9. ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY.

USE OF THIS SPECIFICATION BY CONTRACTOR, et al. INDEMNIFIES ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & ATTORNEY FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND

FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION COSTS BEYOND
THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES FROM DIVISIONS OF
THIS PLAN.

10. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL AFFIRMATIONS OR
AFFIRMATIONS ARE INTENDED



200 N Federal Hwy #200 Christian Langley

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Boca Raton, FL 33432

1-888-371-3113 Florida LE #07582
Cert of Auth #31124

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