



Initial Application Date: 2.26.19

**NO FEE**  
COMMERCIAL

Application # Sign1902.0003  
DRB # \_\_\_\_\_ CU # \_\_\_\_\_

**COUNTY OF HARNETT LAND USE APPLICATION**

Central Permitting (Physical) 108 E. Front Street, Lillington, NC 27546 (Mailing) PO Box 65 Lillington NC 27546 Phone: (910) 893-7525 opt # 2 Fax: (910) 893-2793 www.harnett.org/permits

LANDOWNER: Biscuitville #19-03 Mailing Address: 1414 Yanceyville St. #300

City: Greensboro State: NC Zip: \_\_\_\_\_ Contact # 336-553-3700 Email: \_\_\_\_\_

APPLICANT\*: SIGN CLINIC Mailing Address: PO Box 702

City: Mooresville State: NC Zip: 28115 Contact # 704.664-4389 Email: joanis@thesignclinic.com

\*Please fill out applicant information if different than landowner

CONTACT NAME APPLYING IN OFFICE: Jeremy Norris Phone # 704.664.4389

Address: ~~PO Box 702~~ 1608 NC 24-87 PIN: \_\_\_\_\_

Deed Book Page: 1

**PROPOSED USE:**

- Multi-Family Dwelling No. Units: \_\_\_\_\_ No. Bedrooms/Unit: \_\_\_\_\_
- Business Sq. Ft. Retail Space: \_\_\_\_\_ Type: \_\_\_\_\_ # Employees: \_\_\_\_\_ Hours of Operation: \_\_\_\_\_
- Daycare # Preschoolers: \_\_\_\_\_ # Afterschoolers: \_\_\_\_\_ # Employees: \_\_\_\_\_ Hours of Operation: \_\_\_\_\_
- Industry Sq. Ft: \_\_\_\_\_ Type: \_\_\_\_\_ # Employees: \_\_\_\_\_ Hours of Operation: \_\_\_\_\_
- Church Seating Capacity: \_\_\_\_\_ # Bathrooms: \_\_\_\_\_ Kitchen: \_\_\_\_\_
- Accessory/Addition/Other (Size \_\_\_\_\_ x \_\_\_\_\_) Use: \_\_\_\_\_

Water Supply: \_\_\_\_\_ County \_\_\_\_\_ Existing Well \_\_\_\_\_ New Well (# of dwellings using well \_\_\_\_\_) \*Must have operable water before final (Need to Complete New Well Application at the same time as New Tank)

Sewage Supply: \_\_\_\_\_ New Septic Tank \_\_\_\_\_ Expansion \_\_\_\_\_ Relocation \_\_\_\_\_ Existing Septic Tank \_\_\_\_\_ County Sewer \_\_\_\_\_  
(Complete Environmental Health Checklist on other side of application if Septic)

Comments: Install drive thru canopy

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

[Signature]  
Signature of Owner or Owner's Agent

2/20/19  
Date

**\*\*This application expires 6 months from the initial date if permits have not been issued\*\***

**RECORDED DEED (OR OFFER TO PURCHASE) AND PLAT ARE REQUIRED WHEN APPLYING FOR LAND USE APPLICATION**

**\*\*\*It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.\*\*\***

**\*This application expires 6 months from the initial date if permits have not been issued\***



\*Each section below must be filled out by whoever is performing the work. Must be owner or licensed contractor. Address, company name & phone must match information on state license.

Application # \_\_\_\_\_

Harnett County Central Permitting

PO Box 65 Lillington, NC 27546

910-893-7525 Fax 910-893-2793 www.harnett.org/permits

COMMERCIAL

Application for Building and Trades Permit

Owner's Name: Biscuitville Date: 2/20/19

Site Address: 1608 NC 24-87 Phone: \_\_\_\_\_

Description of Proposed Work: Install drive thru canopy

General Contractor Information: Building Cost \$ \_\_\_\_\_

SIGN CLINIC  
Building Contractor's Company Name

704-664-4389  
Telephone

PO Box 702 Mooresville NC 28115  
Address

jnorris@thesignclinic.com  
Email Address

[Signature]  
Signature of Owner/Contractor/Officer(s) of Corporation

ES-22855  
License #

Electrical Contractor Information: Electrical Cost \$ \_\_\_\_\_

Description of Work Final connection to drive thru canopy Service Size: \_\_\_\_\_ Amps #T-Poles \_\_\_\_\_

SIGN CLINIC  
Electrical Contractor's Company Name

704-664-4389  
Telephone

PO Box 702 Mooresville NC 28115  
Address

jnorris@thesignclinic.com  
Email Address

[Signature]  
Signature of Owner/Contractor/Officer(s) of Corporation

ES-22855  
License #

Mechanical Contractor Information: Mechanical Cost \$ \_\_\_\_\_

Description of Work \_\_\_\_\_ # Units \_\_\_\_\_

\_\_\_\_\_  
Mechanical Contractor's Company Name

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Address

\_\_\_\_\_  
Email Address

\_\_\_\_\_  
Signature of Owner/Contractor/Officer(s) of Corporation

\_\_\_\_\_  
License #

Plumbing Contractor Information: Plumbing Cost \$ \_\_\_\_\_

Description of Work \_\_\_\_\_ # Baths \_\_\_\_\_

\_\_\_\_\_  
Plumbing Contractor's Company Name

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Address

\_\_\_\_\_  
Email Address

\_\_\_\_\_  
Signature of Owner/Contractor/Officer(s) of Corporation

\_\_\_\_\_  
License #

Insulation Contractor Information

\_\_\_\_\_  
Insulation Contractor's Company Name & Address

\_\_\_\_\_  
Telephone

\*NOTE: General Contractor must fill out and sign the second page of this application

**Sprinkler Contractor Information**

_____ Sprinkler Contractor's Company Name	_____ Telephone
_____ Address	_____ Email Address
_____ Signature of Officer(s) of Corporation	_____ License #

**Fire Alarm Contractor Information**

_____ Fire Alarm Contractor's Company Name	_____ Telephone
_____ Address	_____ Email Address
_____ Signature of Officer(s) of Corporation	_____ License #

**Driveway Access** - NC Department of Transportation Driveway Access/Permit? \_\_\_\_ Yes \_\_\_\_ No

I hereby certify that I have the authority to make necessary application, that the application is correct and that the construction will conform to the regulations in the Building, Electrical, Plumbing and Mechanical codes, and the Harnett County Zoning Ordinance. I state the information on the above contractors is correct as known to me and if **any** changes occur including listed contractors, site plan, number of bedrooms, building and trade plans, Environmental Health permit changes or proposed use changes, I certify it is my responsibility to notify the Harnett County Central Permitting Department of any and all changes.

**Expired Permit Fees** - 6 months to 2 years permit re-issue fee is \$150.00. After 2 years re-issue fee is charged at full price per current fee schedule.

\_\_\_\_\_  
Signature of Owner/Contractor/Officer(s) of Corporation

\_\_\_\_\_  
Date

**Affidavit for Worker's Compensation N.C.G.S. 87-14**

The undersigned applicant being the:

\_\_\_\_ General Contractor    \_\_\_\_ Owner     Officer/Agent of the Contractor or Owner

Do hereby confirm under penalties of perjury that the person(s), firm(s) or corporation(s) performing the work set forth in the permit:

Has three (3) or more employees and has obtained workers' compensation insurance to cover them.

\_\_\_\_ Has one (1) or more subcontractors(s) and has obtained workers' compensation insurance to cover them.

\_\_\_\_ Has one (1) or more subcontractors(s) who has their own policy of workers' compensation insurance covering themselves.

\_\_\_\_ Has no more than two (2) employees and no subcontractors.

While working on the project for which this permit is sought it is understood that the Central Permitting Department issuing the permit may require certificates of coverage of worker's compensation insurance prior to issuance of the permit and at any time during the permitted work from any person, firm or corporation carrying out the work.



Harnett  
COUNTY  
OFFICE OF LAND & TREE

Sign w/Title:

*[Signature]* Seabury North - Project Manager

Date: 2/20/19

# SITE PLAN

## LEGEND

FRONT ELEVATION

(F-1) NL.3

ENTRY ELEVATION

(E-1) NL.5

D/T ELEVATION

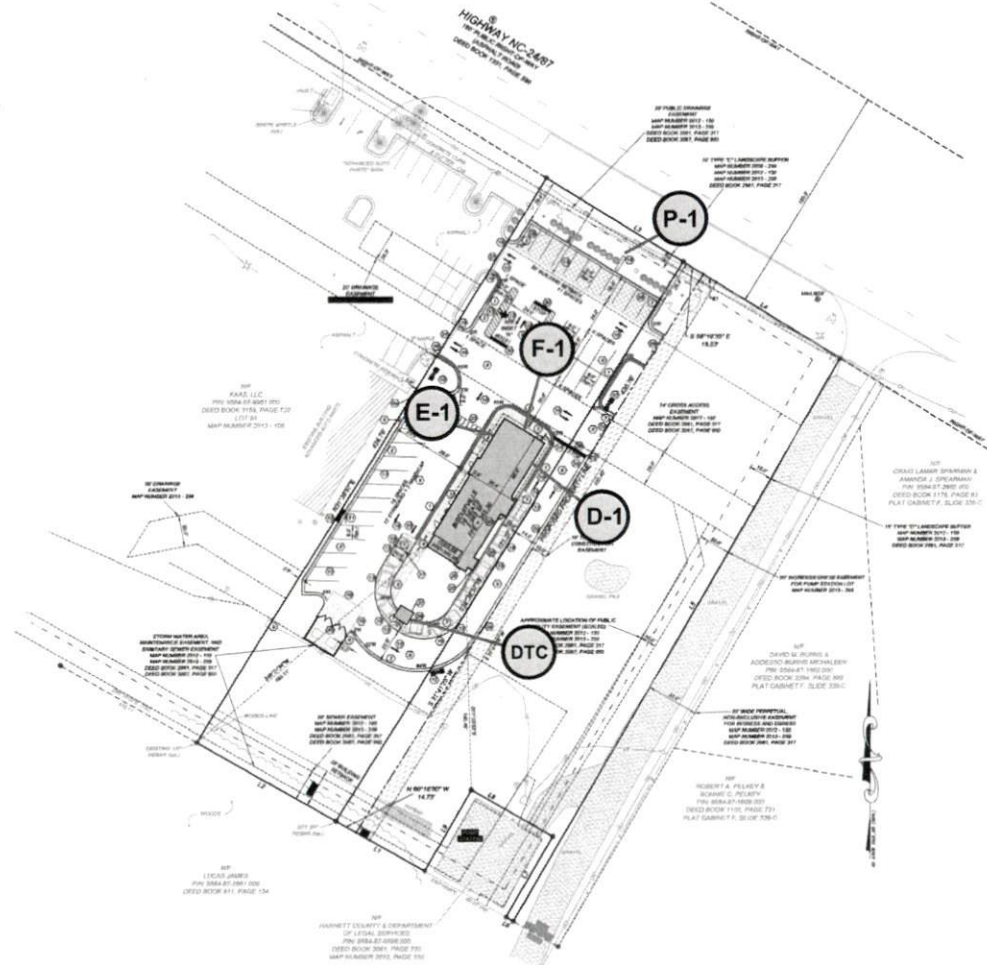
(D-1) NL.4

PYLON SIGN

(P-1) NEW SIGN

DRIVE THRU

(DTC) CANOPY



**Sign Clinic**  
 LIGHTED SIGN COMPANY  
 DESIGN • MANUFACTURING • INSTALLATION • SERVICE  
 Sign Clinic • P.O. Box 702 • Mooresville, NC 28115  
 704-664-4389 • Fax: 704-664-7936  
[www.thesignclinic.com](http://www.thesignclinic.com)

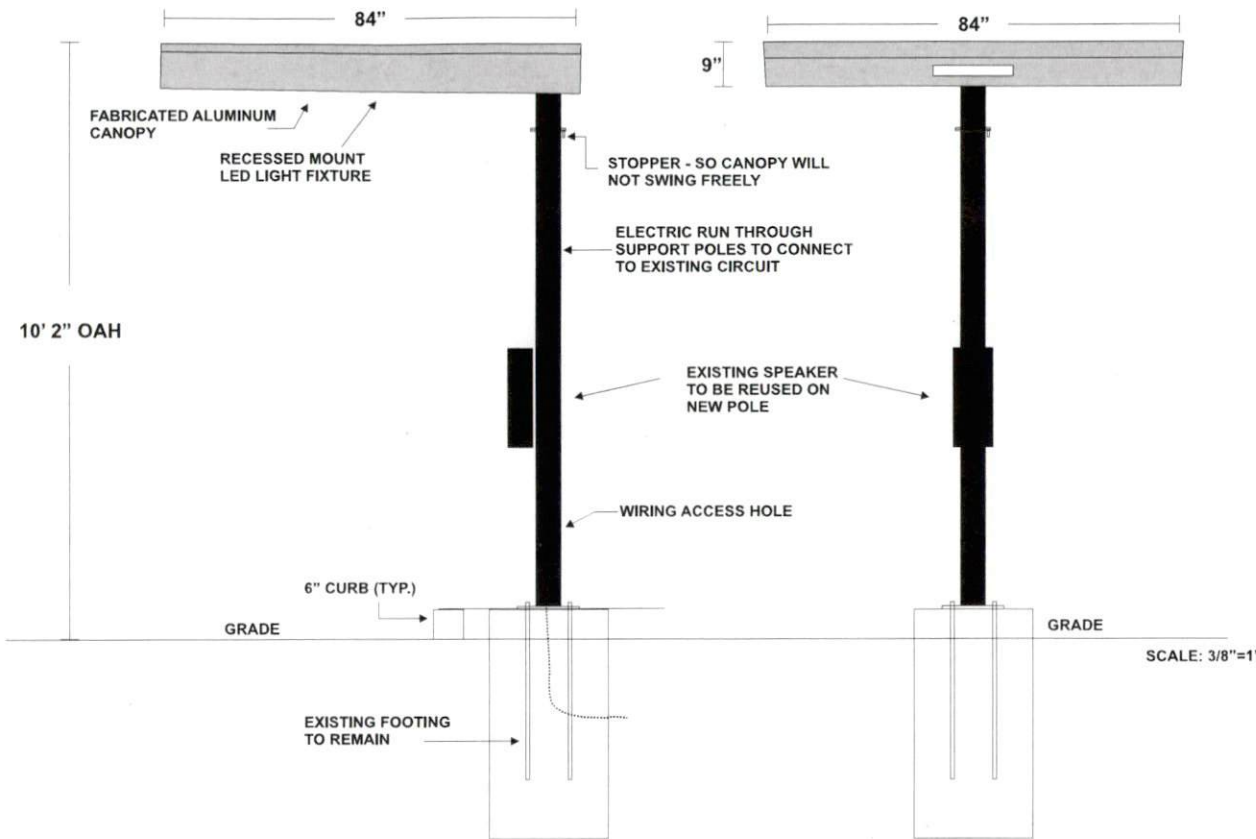
This design is the sole property of Sign Clinic and is protected by federal copyright laws. Any reproduction or construction of a sign similar to the one embodied herein is expressly forbidden.

**UNDERWRITERS LABORATORIES**

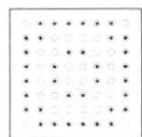
**NOTES** WALL SIGNS - ZONED COMMERCIAL  
 9/13/18 (3) signs per site. 1 sq ft of signage per 1 lineal ft of building facade sign attached to.

**FREESTANDING SIGN**  
 Sites that are less than 1 acre 100 sq ft at 15' OAH.  
 Sites that are more than 1 acre 150 sq ft at 15' OAH.  
 Pylon sign must have pole cover that spans 25% minimum of sign width.

CLIENT APPROVAL	DATE
LANDLORD APPROVAL	DATE



16Dx 16W x 3.75H  
Weight 5.2 lbs.



LED PATTERN



This fixture is listed on the DesignLights Consortium Qualified Products List.

Catalog #	Description	Input Voltage	Initial Delivered Lumens	CCT	CRI	50K Hours Projected Lumen Maintenance Factor at 25° C <sup>1</sup>	Comparable To
E-RC2L04CW	42W LED Cool White	120V-277V	4100	5000K	75	50,000 Hours	100W PSMH

<sup>1</sup> Calculated, based on 6,048 hours of LM-80 testing: >36,000 hours



ALL FINISHED POWDER COATED FOR MAXIMUM LIFE

POLE COLOR



TOP



SCALE: 3/8"=1'



Sign Clinic • P.O. Box 702 • Mooresville, NC 28115  
704-664-4389 • Fax: 704-664-7936  
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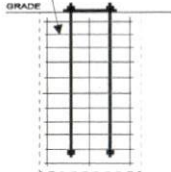
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6" x 6" x 0.188" wall, A500 46ksi HSS Steel Column, S=7.42 m17.066

Sign Support Column

(7) #5 VERTICAL REBAR  
SPACED EVENLY  
#3 STIRRUPS AT 12" OC  
AND 6" OC IN TOP 40"



Drilled Shaft Foundation

or 2' dia x 3.8' deep

12 1/2" x 12 1/2" x 5/8" STEEL BASE  
PLATE WELD COLUMN TO TOP OF  
BASE PLATE WITH 3/16" FILLET WELD  
ALL AROUND  
(4) 3/4" DIA. ANCHOR BOLTS WITH  
HEAVY HEX NUT AT BOTTOM  
ANCHORS SPACED 10" OC EACH WAY  
40" EMBEDMENT DEPTH INTO  
FOUNDATION

All foundations: Embed anchors in 2500psi concrete.

2012 NORTH CAROLINA BUILDING CODE

2009 IBC with NC Amendments, ASCE 7-05

120 Wind Speed, Vult, mph, from ASCE7-10, Figure 26.5

II Risk Category; II, Normal, III, Substantial Hazard, IV, Essential/Critical

C Wind Exposure; C, House size obstructions for 1200ft; D no obstructions

WIND LOAD CALC: ASCE 7-10, Sec. 29.4.1, Solid Freestanding Signs  
Terrain Kzt=1, no hill, ridge, or escarpment >15' high; Directionality Kd=.85; Gust G=.85 rigid structure; Wind Velocity Vasd=sqrt(Vult\*2\*.6); Kz=2.01\*(H/900)^(2/9.5)ExpC; (700&11.5)ExpD;  
Qhasd=.00256\*Kz\*Kzt\*Kd\*Vasd^2; Pasd=Qhasd\*G\*Cf; Fseg=Pasd\*WH

93	Wind Speed, Vasd, mph	2.90	Force Coefficient, Cf				
A	B	C	D	E	F	Sign Segment ID	OAH
10.2	9.4					Segment Top Above Grade, Top, ft	10.2
7.0	0.5					Segment Width, W, ft	1.0
0.8	9.4					Segment Height, H, ft	10.2
5.25	4.705					Segment Area, ft2	
0.85	0.85					Velocity Pressure Exposure Coeff, Kz	
16.0	16.0					Velocity Pressure, Qhasd, psf	
39.3	39.3					Wind Pressure, Pasd, psf	
0.2	0.2					Segment Force, Fseg, kips	
						0.4 kip Total Shear at Grade, V = Sum (Fseg)	
7.384056						2.9 kip.ft Total Moment at Grade, M = Sum (Fseg * (Top-H/2))	

- Sign manufacturer/installer's design, detailing, fabrication, and erection shall conform to the following specifications: Building Code, ASTM specifications, ACI-318 for reinforced concrete, American Welding Society Code for Welding in Building Construction, AISC Specification for Design, Fabrication, and Erection of Structural Steel for Buildings.
- Materials of construction: (Unless noted otherwise)
  - Structural steel (angles, shapes, plates, gussets) ASTM A-36, Fy = 36 ksi.
  - HSS round steel tubing: A-500, Grade B, Fy=42ksi; Rectangular: 46ksi.
  - Structural aluminum tubing: 6053, 6061-T6, or equivalent, Fy = 18 ksi at weld.
  - Structural pipe: A-53, Grade B, Type E or S, Fy = 35 ksi.
  - Anchor bolts: ASTM F1554 Grade 36 with heavy hex at bottom, not "L" or "J" bolts.
  - Connection bolts: A-325, snug tight.
  - Rebar: ASTM 615, #6 or larger - Grade 60, #5 or smaller - Grade 40, 3" cover.
  - Concrete: 2500 psi, 28 days.
  - Provide coatings to prevent any possibility of corrosion.
- Welding design and fabrication according to AWS D1.1.
- AWS certification required for all structural welders.
- E70XX electrodes for SMAW processes. F7X-EXXX electrodes for SAW processes.
- Embedded column acts as vertical reinforcement for drilled and cube foundations.
- Soil must be verified by sign installer. This design assumes presumptive soil bearing capacity (asd) from 6th Ed FBC, Table 1806.2 (or IBC). Vertical = 1500 psf for Class 5 (clay/fill CL, ML, MH, CH), Lateral = 2\*150 psf/ft for Class 4 (sand, silty sand, clayey sand, SW, SP, SM, SC, GM, GC), and Lateral Sliding Coeff = 25 for Class 4 soil. Lateral brg is doubled for sign poles per 1806.3.4. If there is a question about soil bearing do a soil test.

Cube Drilled Shaft Foundation

L=W=D	6th Ed FBC, 1807.3.2.1, No lateral constraint at grade		
2.0	Diameter, b, ft	(or length and width of cube)	
3.8	Depth, D, ft	D = .5*A*[1+(4.36*Hcent/A)]*.5)	
1.2	A	A = 2.34*F/(S1*b)	
378	S1	S1 = 2*Ssand*D/3	

Spread Foundation

Length, L, ft	
Width, W, ft	
Depth, D, ft	
Soil Bearing at Bottom of Fdn, Qbot, psf, Qbot = 1.3*(Q+100pcf*(D-1))	
Total Weight, Wt, kips, Wt = L * W * D * .15 kips/ft3	
Toe Length, Toe, ft, Toe = Wt / (W * Qbot)	
Bearing Eccentricity, e, ft, e = L / 2 - Toe / 3	
Overturning Capacity Calc, OT, kip.ft, OT = Wt * e / 1.5safety	2.9

MARK DISOSWAY, PE

disoswaydesign@gmail.com  
163 SW Midtown Place, Ste 103  
Lake City, Florida 32025  
386-754-5419

NCPE26032

2/22/2019  
This seal for structural engineering  
(Foundation & Support Column ONLY)

SCOPE OF WORK: Design sign support column and foundation to meet structural requirements of building code based on stated (not verified) site factors and size & shape based on sign installer's drawing, attached.

By using this engineering the owner, manufacturer, and installer accept responsibility to: Design, build, and install sign cabinet, face, attachment, electrical, etc according to sign code, building code, and UL. Verify site conditions match stated wind speed, risk, exposure, topo, and soil factors.

Sign Clinic

JOB#190188

PYLON SIGN

1 Column, Centered,  
Embedded in Foundation

Biscuitville

1608 NC-24  
Cameron, NC 28326

Valid for one sign at this location.