

## GROUND UP PROJECT



## Signage Brand Guide Prepared Exclusively For:

### MAVIS TIRES & BRAKES

STORE #2266 SANFORD, NC

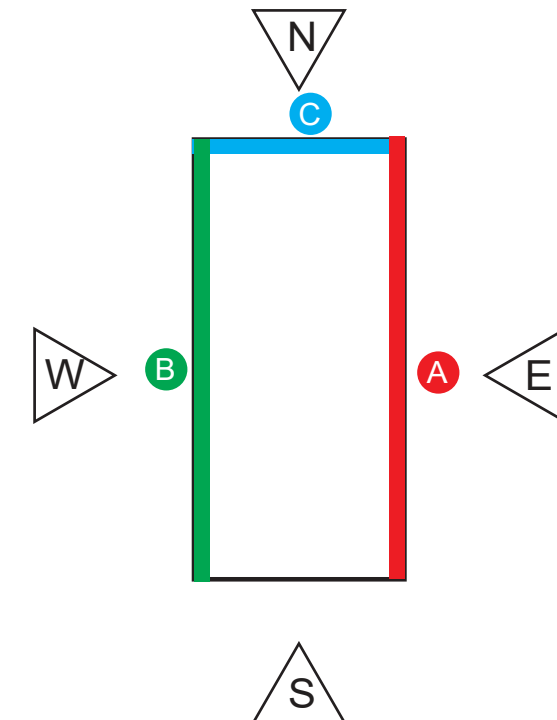
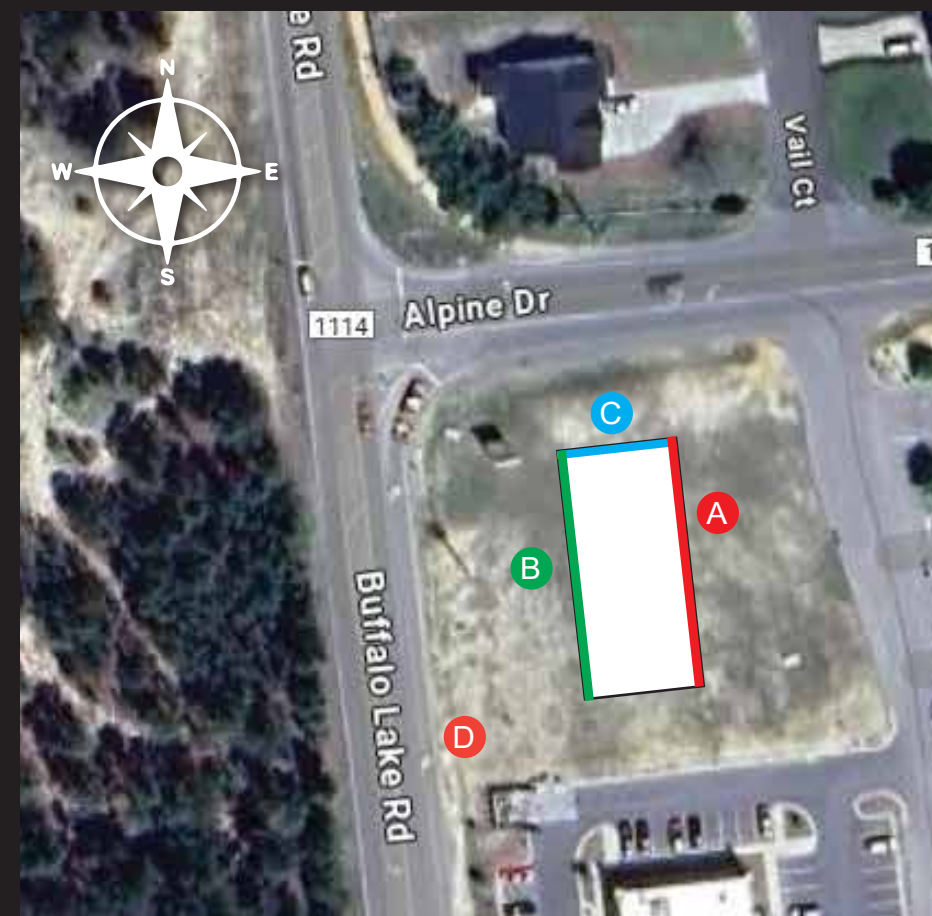
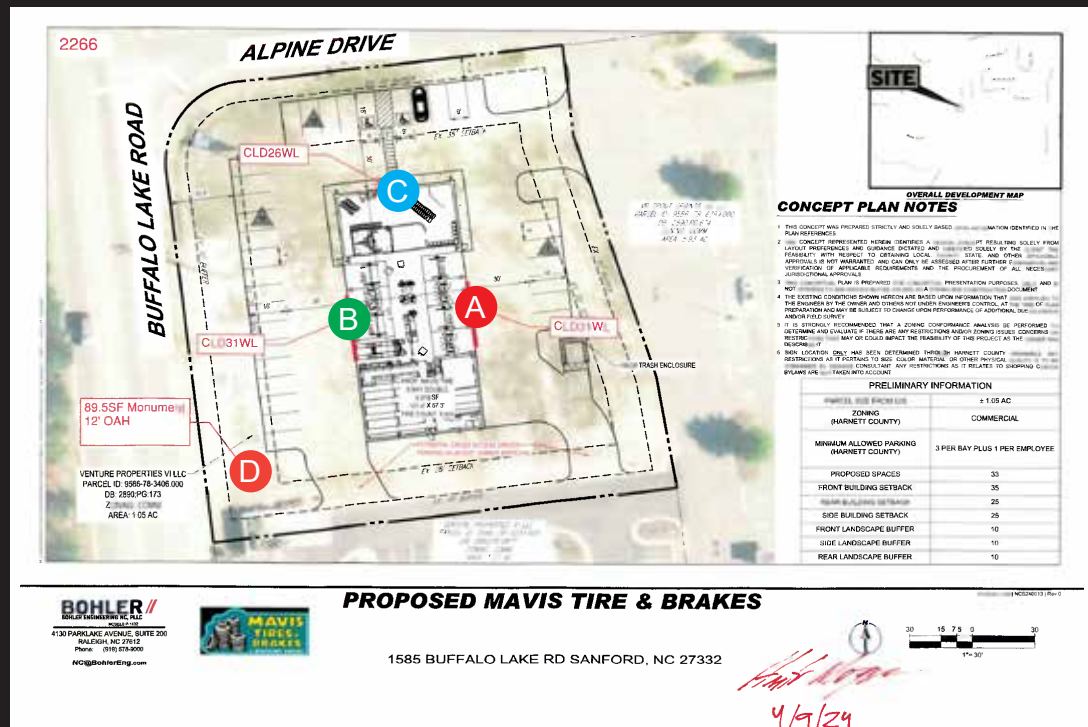
Project address:

1605 Buffalo Lake Road, Sanford, NC 27332  
Harnet County

**Prepared By:**

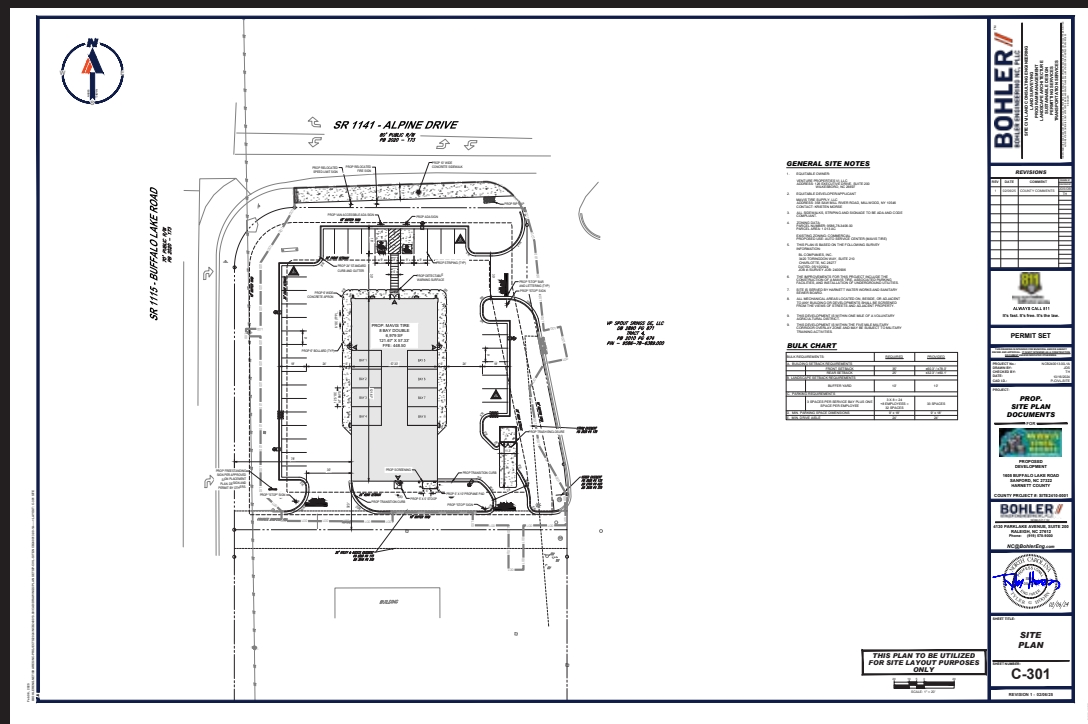
South Shore Sign Company  
550 Morristown Rd, Matawan, NJ 07747  
(732) 583-5624 / [www.signbrothers.com](http://www.signbrothers.com)  
Account Manager: John Hoppe 732-583-5624 x118  
[john@signbrothers.com](mailto:john@signbrothers.com) & [team@signbrothers.com](mailto:team@signbrothers.com)

Site Lot:



**PROPOSED SIGNAGE:**

- ☐ A CLD-26-Wide Large
- ☐ B CLD-26-Wide Large
- ☐ C CLD-26-Wide Large
- ☐ D 48.5 SQ. FT. Monument



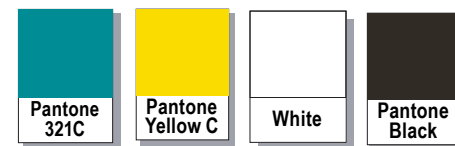


## ELEVATION 1 - EAST

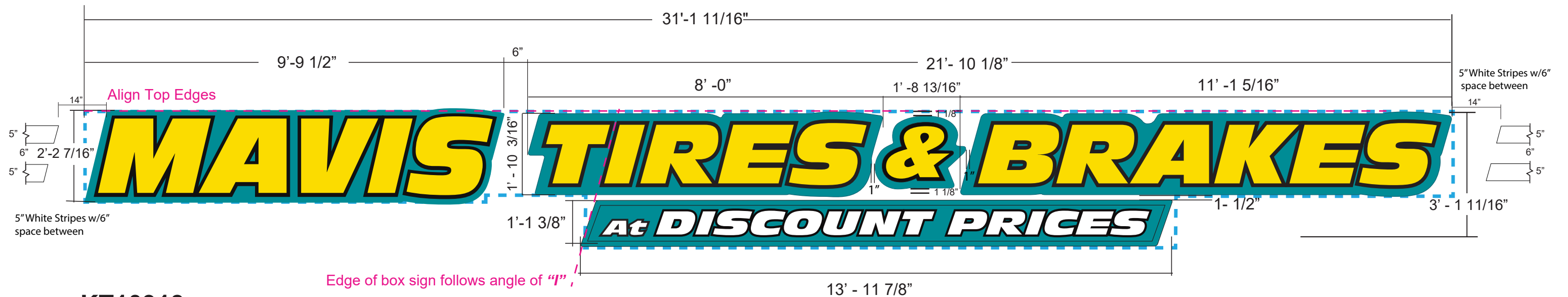
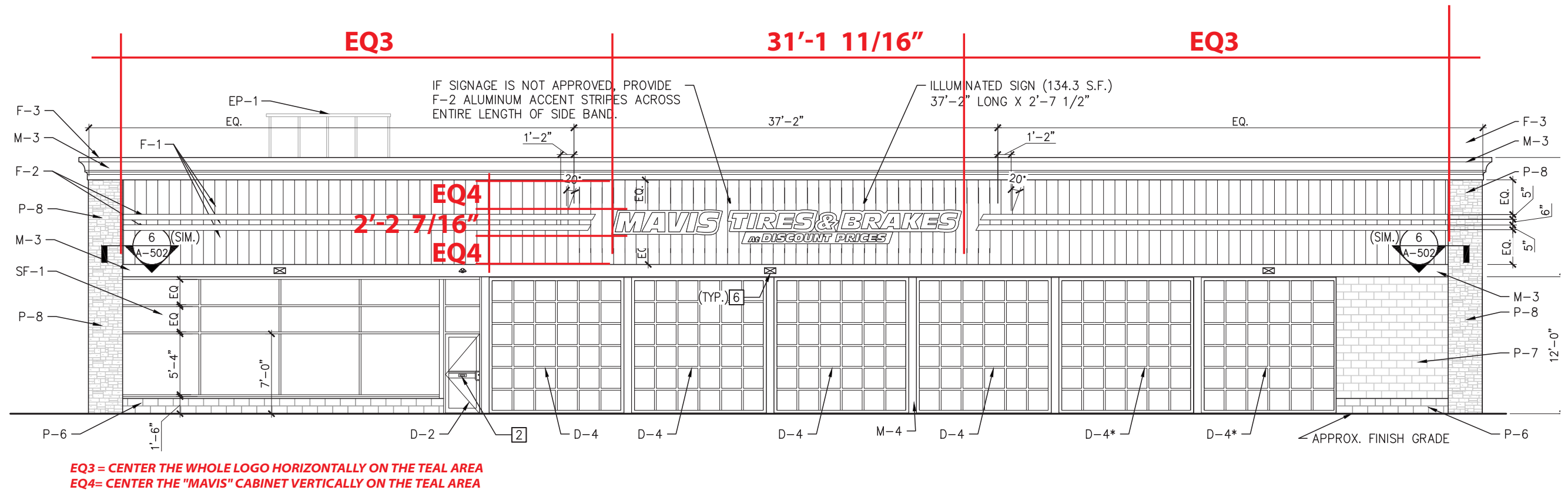
A



**26WL LED ILLUMINATED WALL MOUNT CLOUD SIGN**  
**BOXED SQ FT - 97.80 SQ FT**  
**ACTUAL SQ FT - 39.44 SQ FT**

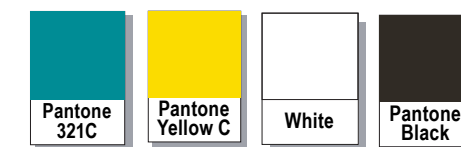


B



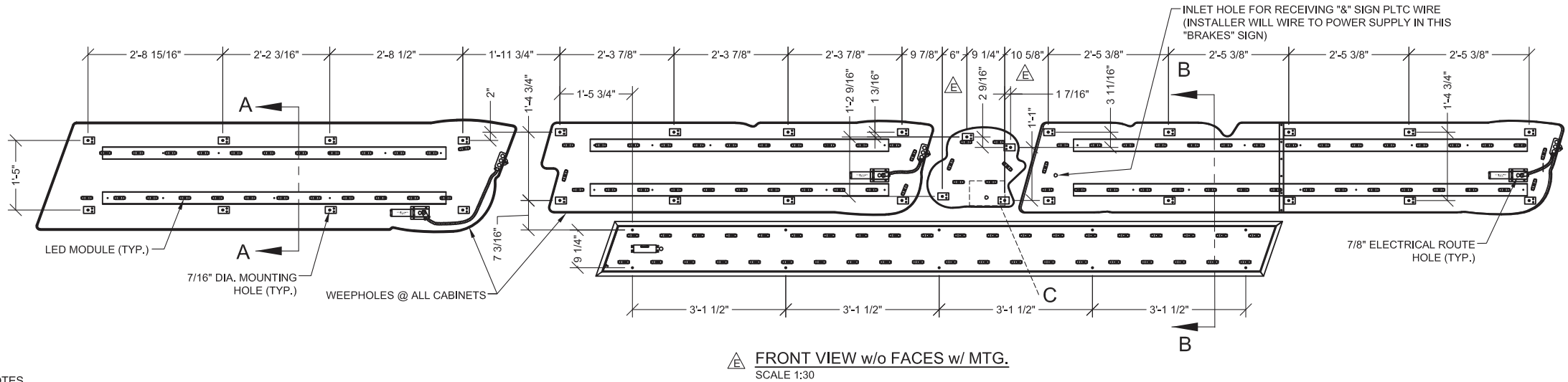
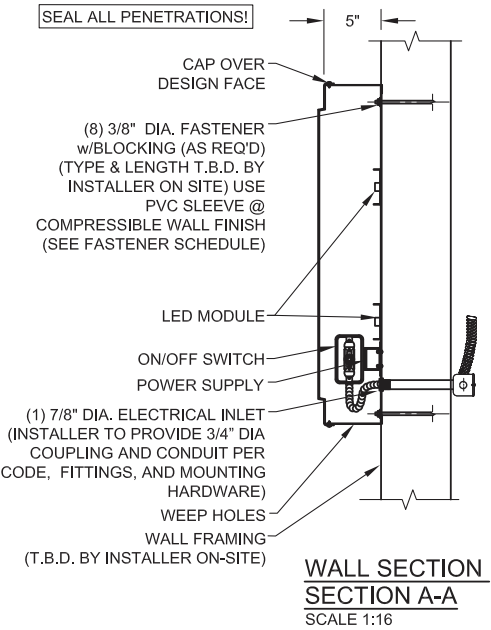
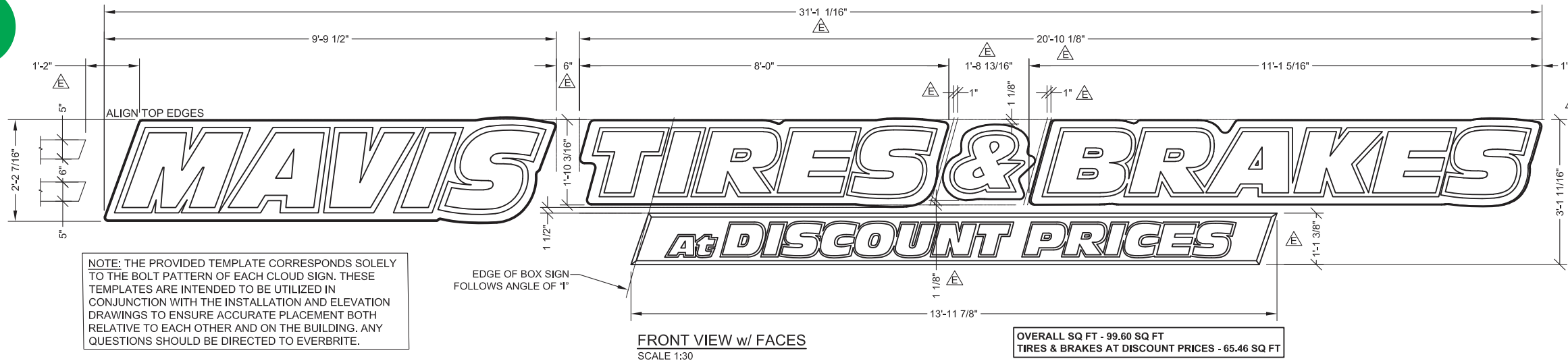
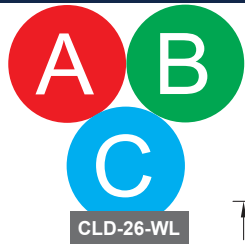
KT10913

26WL LED ILLUMINATED WALL MOUNT CLOUD SIGN  
BOXED SQ FT - 97.80 SQ FT  
ACTUAL SQ FT - 39.44 SQ FT









GENERAL NOTES  
INSTALLER TO PROVIDE COMPLETION PHOTOS OF MOUNTING/CONNECTION POINTS, WIRE ROUTING, OVERALL ELEVATION, AND SEALED PENETRATIONS.

THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRIC CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN AND INSTALLING DISCONNECT SWITCHES IF NOT FACTORY INSTALLED ON THE SIGN.

SIGN ASSEMBLY IS INTENDED FOR OUTDOOR WET LOCATION.

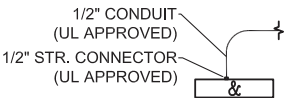
INSTALLER TO BE SURE SIGNS ARE PROPERLY INSTALLED, CONNECTED AND GROUNDED.

THIS DRAWING IS TO BE USED FOR INSTALLATION PURPOSES ONLY, NOT TO BE USED FOR MANUFACTURING.

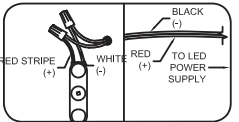
- INSTALLATION INSTRUCTIONS
1. OPEN PACKAGING CAREFULLY AND INSPECT FOR DAMAGE.
  2. DETERMINE SIGN LOCATION AND TAPE UP THE TEMPLATE (IF PROVIDED) ON THE SURFACE TO WHICH IT WILL BE INSTALLED, RECEIVE CONFIRMATION FROM THE CLIENT.
  3. LAYOUT AND PRE-DRILL ALL MOUNTING AND ELECTRICAL HOLES REQUIRED FOR MOUNTING THE SIGN.
  4. FILL ALL HOLES WITH SILICONE PRIOR TO MOUNTING THE SIGN.
  5. ATTACH THE HORIZONTAL BLOCKING BEHIND WALL FRAMING SO ALL CONNECTION POINTS HAVE SUPPORT (IF REQUIRED).
  6. ALIGN SIGN TO MATCHING PRE-DRILLED HOLES WHILE INSERTING FASTENERS THROUGH SIGN, WALL AND BLOCKING. FASTEN WITH HARDWARE. USE PVC SLEEVES TO PROTECT BUILDING FINISH IF NECESSARY.
  7. MAKE ELECTRICAL CONNECTIONS TO REMOTE POWER SUPPLY/PRIMARY WIRING THROUGH DRILLED ELECTRICAL HOLES.
  8. TEST THE SIGN FOR PROPER FUNCTION AND LIGHTING.
  9. PERFORM TOUCH-UP AS REQUIRED.
  10. CLEAN INSTALLATION WORK SITE OF ALL EXCESS MATERIALS AND DEBRIS. DO NOT DISCARD ANY MATERIAL OR DEBRIS INTO ON SITE DUMPSTERS.

3/8" DIAMETER FASTENER CHART			
WALL CONSTRUCTION	FASTENER	COMMENTS	EXAMPLE
MINIMUM 5/8" PLYWOOD WALL CONSTRUCTION	THRU BOLT WITH ANGLE OR UNISTRUT ACROSS STUDS	USE APA ENGINEERED WOOD ASSOCIATION FASTENER LOADS FOR PLYWOOD - BOLTS	
	LIBERTY TOGGLE BOLT	OFF LABEL USE, USE APA ENGINEERED WOOD ASSOCIATION FASTENER LOADS FOR PLYWOOD - BOLTS	
WOOD BLOCKING ATTACHED TO STUDS	LAG BOLTS (3" EMBEDMENT INTO BLOCKING)	STEEP REDUCTION FOR COMBINED WITHDRAWAL AND LATERAL LOADS	
BRICK, CONCRETE BLOCK, SOLID CONCRETE	SLEEVE FASTENER (1 1/2" MINIMUM EMBEDMENT)	SEE HILTI TECHNICAL GUIDE	
	HILTI HIT HY 20 OR EQUAL	SEE HILTI TECHNICAL GUIDE	

NOTE: ALL FASTENERS TO BE THRU BOLTS IF POSSIBLE, USE ALTERNATE FASTENERS PER WALL TYPE SHOWN ABOVE IF THRU BOLTING IS NOT POSSIBLE. ALL FASTENERS ARE TO BE CHOSEN AND PLACED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



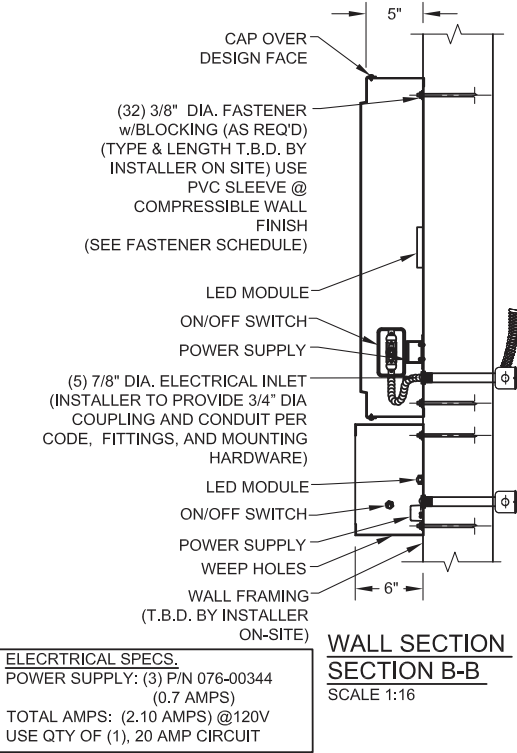
INSTALLER TO CONNECT PLTC WIRE FROM "AMPERSAND" TO TOGGLE SWITCH & POWER SUPPLY IN "BRAKES" SIGN.



CONNECT THE LED RED STRIPE WIRE (+) TO RED PLTC WIRE; THE LED WHITE WIRE (-) TO THE BLACK PLTC WIRE.

INSTALLER TO CONNECT PLTC WIRE FROM "AMPERSAND" SIGN TO POWER SUPPLY/TOGGLE SWITCH IN "BRAKES" SIGN.

DETAIL C  
SCALE - NONE



NOTE: DETAIL SHOWN MAY NOT REFLECT THE ACTUAL WALL CONSTRUCTION AS WALL TYPES VARY PER SITE. IT IS THE INSTALLER'S RESPONSIBILITY TO IDENTIFY THE ACTUAL CONSTRUCTION AND ADAPT THE INSTALLATION ACCORDINGLY.



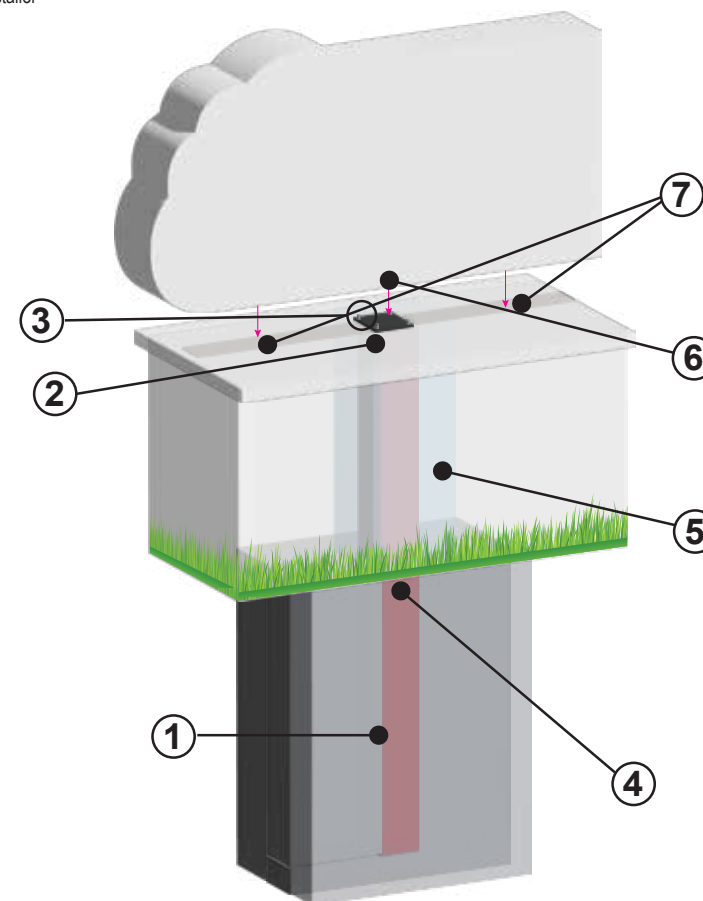
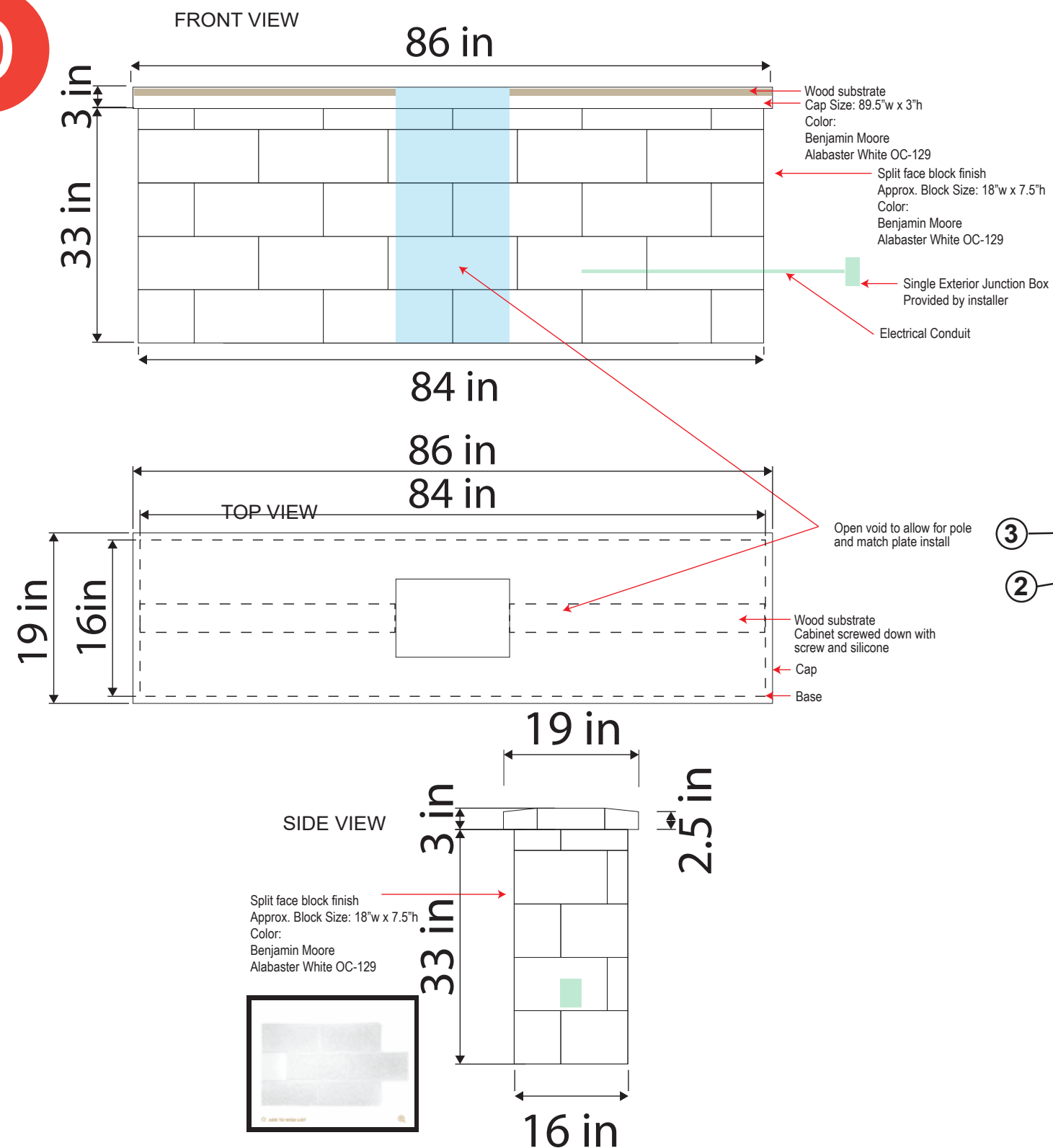


D



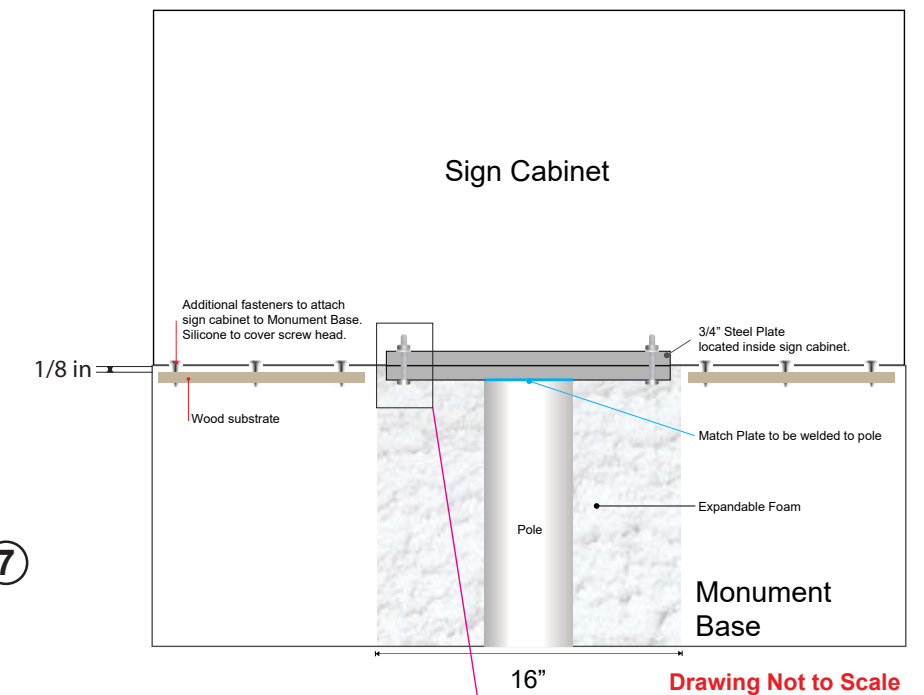


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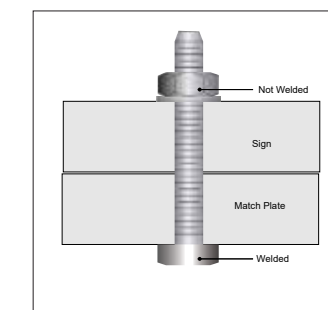


1. Dig Foundation
2. Weld Match Plate
3. Weld Bolts (Option 1) -Or- Weld Nuts (Option 2)
4. Position Monument Base Over Pole
5. Fill Void With Expandable Foam
6. Attach Sign Cabinet
7. Add Fasteners To Wood Substrate

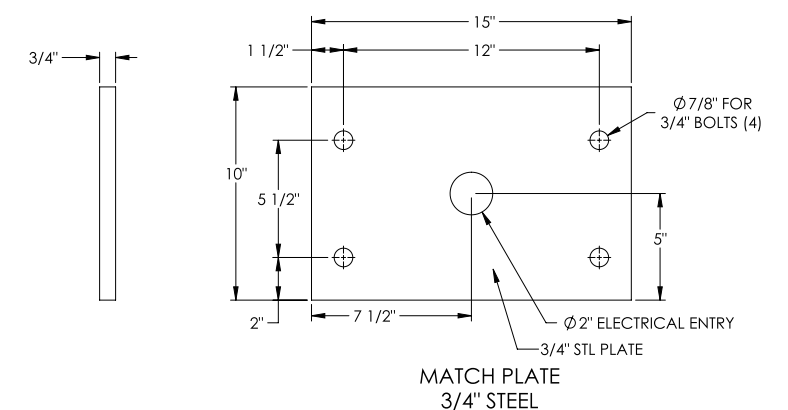
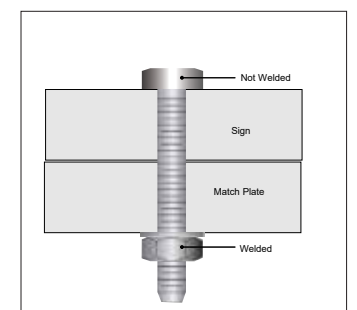
## INSTALLATION SPECS



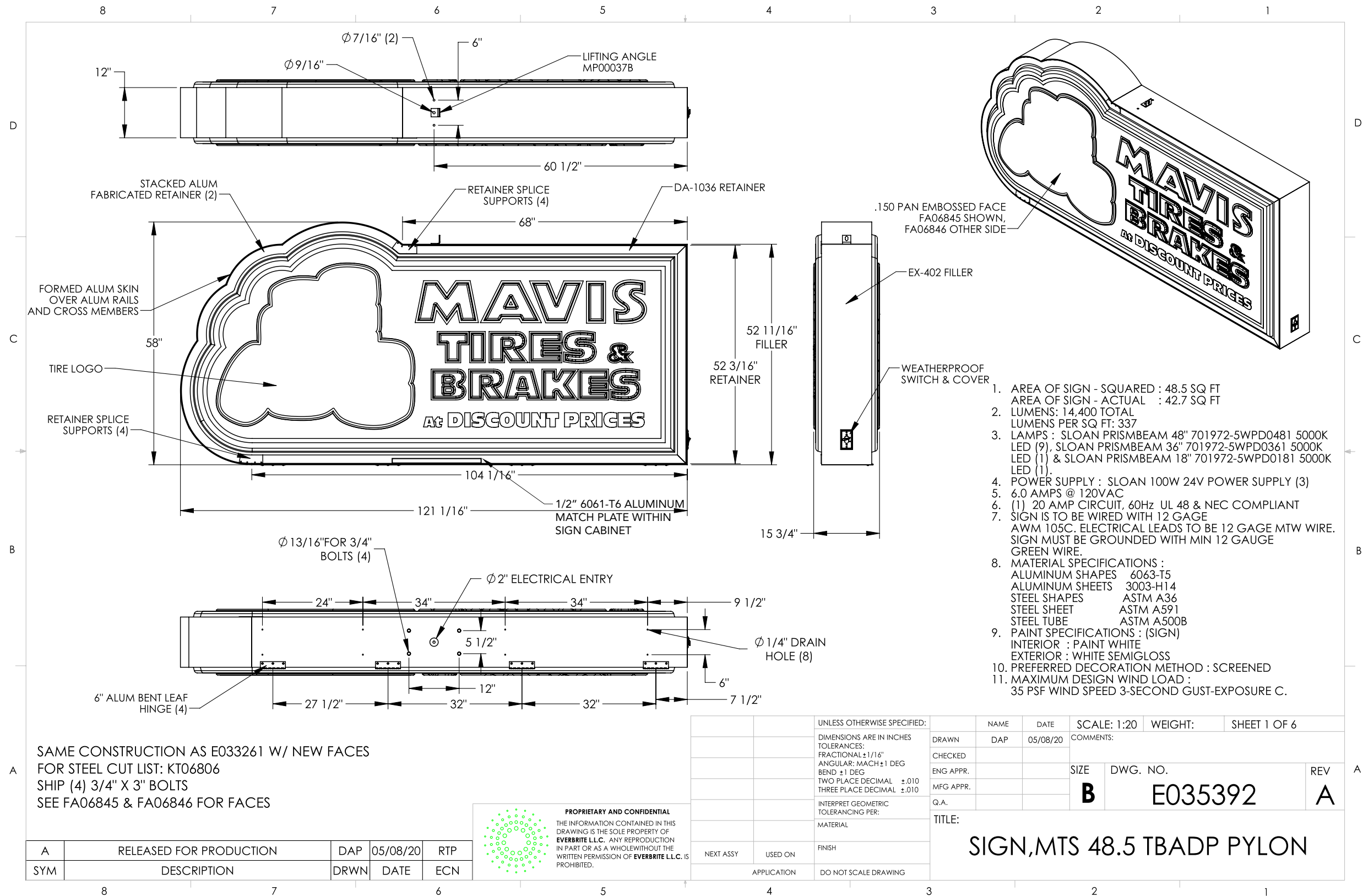
### Option 1



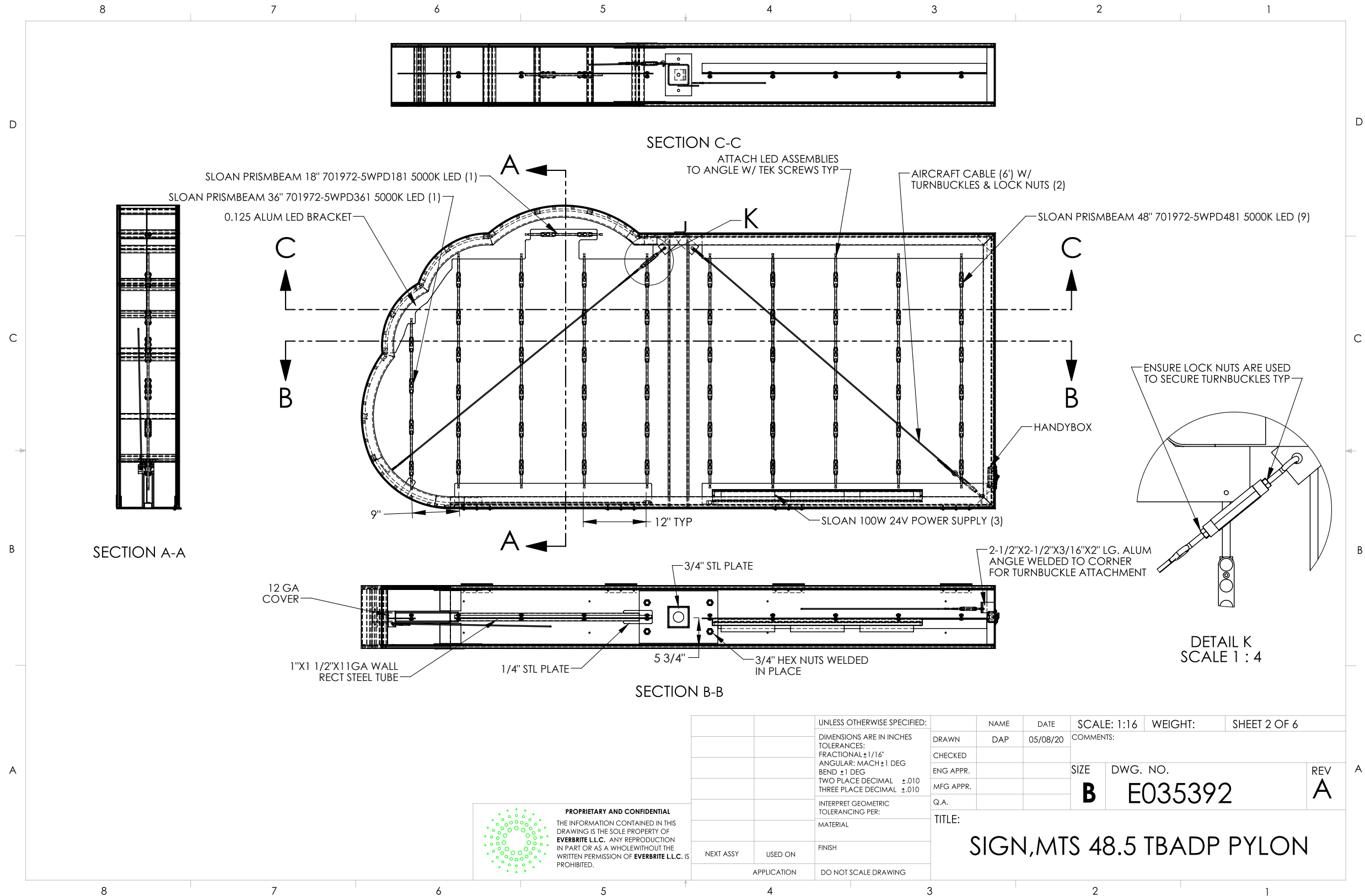
### Option 2



D



D







Scale: 1/4" = 1'

### Installation Guide - (Racing Stripes Installed First)

- A** Center the "Mavis" cabinet within the green from top to bottom. Place Left edge of "Mavis" cabinet 14" from edge
- B** Install left edge of "Tires" (distance differs from sign to sign) from right of "Mavis" cabinet and top aligned with the "Mavis" cabinet
- C** Install "Brakes" cabinet (distance differs from sign to sign) from right edge of "Tires" cabinet, top aligned with "Tires" cabinet
- D** Install the "&" cabinet equally between the "Tires" and "Brakes" cabinet BOTTOM aligned with "Tires" cabinet
- E** Install pillbox "at Discount Prices" flush with bottom of "Tires", "&", and "Brakes" cabinet so that the left edge of of the pillbox is aligned with the left edge of the YELLOW "I" in "Tires" cabinet

### Installation Guide - (Racing Stripes Installed After)

- A** Center the "Mavis" cabinet within the green from top to bottom
- B** Install left edge of "Tires" (distance differs from sign to sign) from right of "Mavis" cabinet and top aligned with the "Mavis" cabinet
- C** Install "Brakes" cabinet (distance differs from sign to sign) from right edge of "Tires" cabinet, top aligned with "Tires" cabinet
- D** Install the "&" cabinet equally between the "Tires" and "Brakes" cabinet BOTTOM aligned with "Tires" cabinet
- E** Install pillbox "at Discount Prices" flush with bottom of "Tires", "&", and "Brakes" cabinet so that the left edge of of the pillbox is aligned with the left edge of the YELLOW "I" in "Tires" cabinet

**IF YOU HAVE ANY QUESTIONS REGARDING SIGN SPACING OR INSTALLATION CALL YOUR SOUTH SHORE SIGN CO PM IMMEDIATELY**

**Any return trips caused by incorrectly installed signage will be the installer's responsibility to correct at their own cost.**



**MAVIS DISCOUNT TIRE**

► **Code Info**  
Overview

Code Check Form	
Customer Name: <u>Mavis</u>	Zone & Overlay: <u>C Commercial</u>
Store #: <u>2266</u>	Jurisdiction: <u>Harnett County</u>
Address: <u>1655 Buffalo Lake Road</u>	Zoning Contact Name: <u>Website, no response from the County</u>
City: <u>Sanford</u> St: <u>NC</u> Zip: <u></u>	Phone: <u>910-893-7525</u>
Link to Sign Regulations: <u><a href="https://codebook.amlegal.com/codes/harnettcounty/latest/harnettc">https://codebook.amlegal.com/codes/harnettcounty/latest/harnettc</a></u>	E-Mail: <u>Online Internal Email</u>
Master Sign Program (MSP): Yes <input type="checkbox"/> No <input type="checkbox"/> <u>Unknown</u>	Code Check Completed by: <u>Sign Code, Inc.</u>
Does landlord have any additional criteria? Yes <input type="checkbox"/> No <input type="checkbox"/> <u>Unknown</u>	
Landlord criteria:	

Ground Signs - Pylon (Pole) & Monument		<input checked="" type="checkbox"/> N/A - Existing Multi-Tenant Sign
Are ground signs allowed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Pole <input type="checkbox"/> Monument <input checked="" type="checkbox"/>	
Number of signs allowed: <u>Single Tenant 1/street frontage</u>	Minimum frontage to qualify: <u>Not addressed in code; submit proposal</u>	
Maximum SF allowed: <u>100 sf/side, &gt; 1 acre 150 sf/side</u>	Formula for area calculation: <u>Set allowance</u>	
Minimum setback: <u>10 ft</u> From: <u>ROW or</u>	Distance to adjacent ground signs: <u>300 ft on same property</u>	
Maximum Overall Height: <u>12 ft</u>	Visibility Triangle: <u>20 ft</u>	
Lighting Restrictions: <u>Illuminated signs shall be limited to those lighted</u>	Minimum Clearance: <u>Not addressed in code; submit proposal</u>	
Do decorative elements count towards sign area? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	How many faces count toward sign area? <u></u>	
Notes: <u>The height of a sign shall be measured from the highest point of a sign to the point of ground surface beneath it. Ornamentation such as columns, caps, spires, and finials shall not extend more than 2 feet from the top of the sign. The use of berms or raised landscape areas is only permitted to raise the base of the sign to the mean elevation of the fronting street and shall not be used as a means to avoid compliance with regulations. The sign shall be constructed of an external support structure including stone, brick, ornamental metal, or similar materials, provided that the amount of area of the sign shall not exceed the area of the sign face.</u>		

Wall Signs	
Are wall signs allowed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Number of signs allowed: <u>Not restricted; sgl tenant</u>	Maximum Letter Height: <u>Not addressed in code;</u> Raceway Required: <u>Not addressed in code;</u>
Maximum SF allowed: <u>Per formula</u>	Formula for area calculation: <u>sq. ft. = total linear ft. of mounting wall, if multi-tenant sign, side sign</u>
Maximum Height: <u>Below roofline</u>	Can signs project above roofline? <u>No</u> What is considered the roof? <u>Top of the bldg</u>
Lighting Restrictions: <u>Illuminated signs shall be limited to those lighted internally with</u>	Does a wall sign have to face a street? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
How is area measured? <u>For the purpose of this chapter, the square feet area of the</u>	Is area calculated per frontage? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
What features are included when calculating area? <u>For the purpose of this chapter, the</u>	Is area transferable to another elevation? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Color Restrictions: <u>None addressed in code; submit proposal</u>	
Notes: <u>Business signs shall not project more than 1 foot from any building wall or canopy.</u>	

Directionals / Regulatory	
Are directionals allowed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Are permits required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Number of signs allowed: <u>Only 1 directional sign shall be located per</u>	Maximum SF allowed: <u>6 sf</u>
Maximum Overall Height: <u>3 ft</u>	Setback: <u>Not addressed in code; submit proposal</u>
Name / Logos allowed? Yes <input type="checkbox"/> No <input type="checkbox"/>	Logo Size: <u>Not addressed in code; submit proposal</u>
Are there any illumination restrictions? <u>Illuminated signs shall be limited to those lighted internally with glass or plastic faces bearing the advertisement.</u>	
Notes: <u>Instructional signs. Erected on private property, not to exceed 6 sf in display area, erected strictly for the direction, safety or convenience of the public, including signs which identify restrooms, parking area entrances or exits, freight entrances, and similar devices, warning, danger, and no trespassing signs.</u>	

Temporary Banners	
Banner permit required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	How long may banners be displayed? <u>21 calendar days per year</u>
Square Footage Allowed: <u>16 sf</u>	Max Height for freestanding banners: <u>Not addressed in code; submit proposal</u>
Setback Requirements: <u>The signs shall not be closer to each other on the</u>	Banner permit fees: <u>Permit Exempt</u>
Notes: <u>Permit Exempt. Temporary signs. Those giving information pertaining to construction taking place on the lot upon which the sign is located. Such signs will be removed prior to issuance of a certificate of occupancy. Temporary signs may be allowed provided the signs are not erected more than 21 calendar days per year and not larger than 16 sf. Temporary signs shall not be illuminated. The signs shall not be closer to each other on the same property than 400 feet.</u>	

Window Signs	
Are window signs allowed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Permit required for window signs: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Maximum SF allowed: <u>See Notes: this section</u>	1st surface vinyl count towards allowed SF? <u>Not addressed in code; submit</u>
Notes: <u>Window signs. Signs displayed in windows of store fronts shall not cover greater than 25% of the total area of the windows of such store fronts, and shall not count toward the total area permitted for wall signs.</u>	

Permit Requirements	
Contact Person: <u>To be assigned after application submittal</u>	Applications Required: <u>Sign permit application</u>
County/State Applications required: <u>Sign permit application</u>	Authorization Letters: <u></u>
How can permits be submitted? Mail <input type="checkbox"/> In Person <input type="checkbox"/> Online <input checked="" type="checkbox"/>	Can permits be applied for by an authorized agent? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Link to Permit Application: <u><a href="https://permits.harnett.org/etrakit/">https://permits.harnett.org/etrakit/</a></u>	Are SEDs required for Pole signs? Yes <input type="checkbox"/> No <input type="checkbox"/>
Documents required: Site Plan <input checked="" type="checkbox"/> Elevations <input checked="" type="checkbox"/> Sign Details <input checked="" type="checkbox"/>	Are SEDs required for wall signs? Yes <input type="checkbox"/> No <input type="checkbox"/>
Number of Document Copies: <u>1</u>	Permit processing time: <u>15-30 days</u>
Permit Fees: <u>\$50 Ground sign, \$1/sf for wall signs</u>	Payment Method: Check <input checked="" type="checkbox"/> Credit Card <input checked="" type="checkbox"/>
When are permit fees due? <u>At application</u>	Permit required for face replacement? Yes <input type="checkbox"/> No <input type="checkbox"/>
Are permits required to be obtained in person? <u>No</u>	
Is there any review board required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	How long are permits good for? <u>Not specified; no response from the County</u>
Summary of permit process: <u><a href="https://permits.harnett.org/etrakit/">https://permits.harnett.org/etrakit/</a> Follow instructions.</u>	
Notes: <u>SED's, if required, will be requested. Conforming signs shall be allowed to perform reasonable repair and maintenance. The following activities are considered to be reasonable repair and maintenance (no building permit shall be needed to make the following repairs: (a) Change of advertising message or copy on the sign face; (b) Replacement of border and trim, stringer, or panel, with like material; (d) Alterations of the dimensions of painted bulletins incidental to copy change.</u>	

Variances	
Are sign variances allowed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Probability of Approval: <u></u>
Site currently has non-conforming signs: <u>Unknown</u>	
Can MSP be submitted as part of site plan approval to allow nonconforming signs? <u>No</u>	
Can grandfather status remain if faces are replaced: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Will a cabinet replacement/rearrangement cause signs to come into conformance? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Notes: <u>'Grandfather status' will be determined on a case-by-case basis</u>	