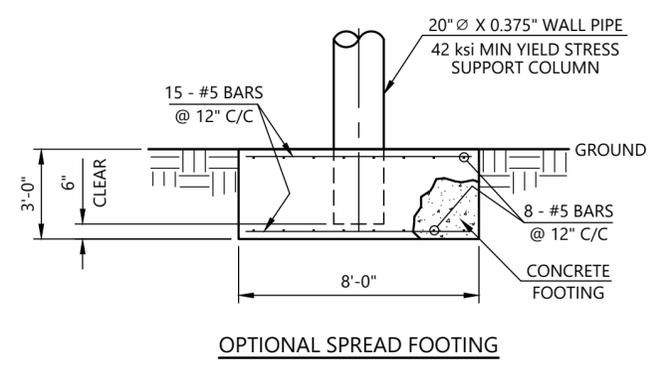
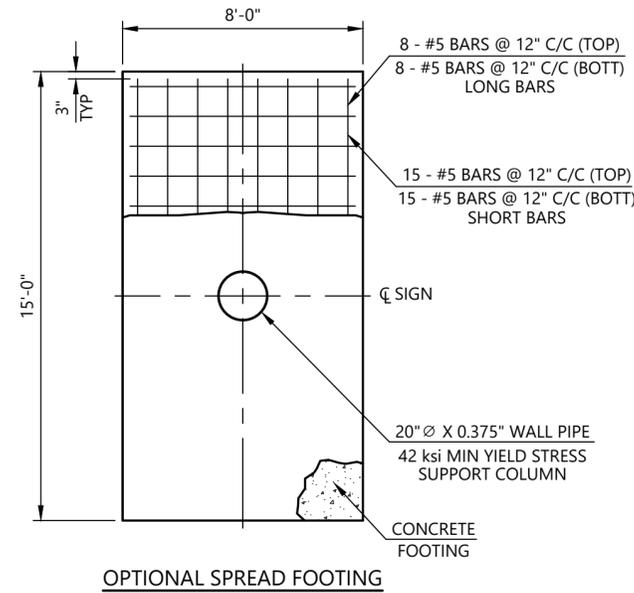
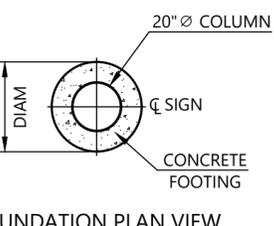
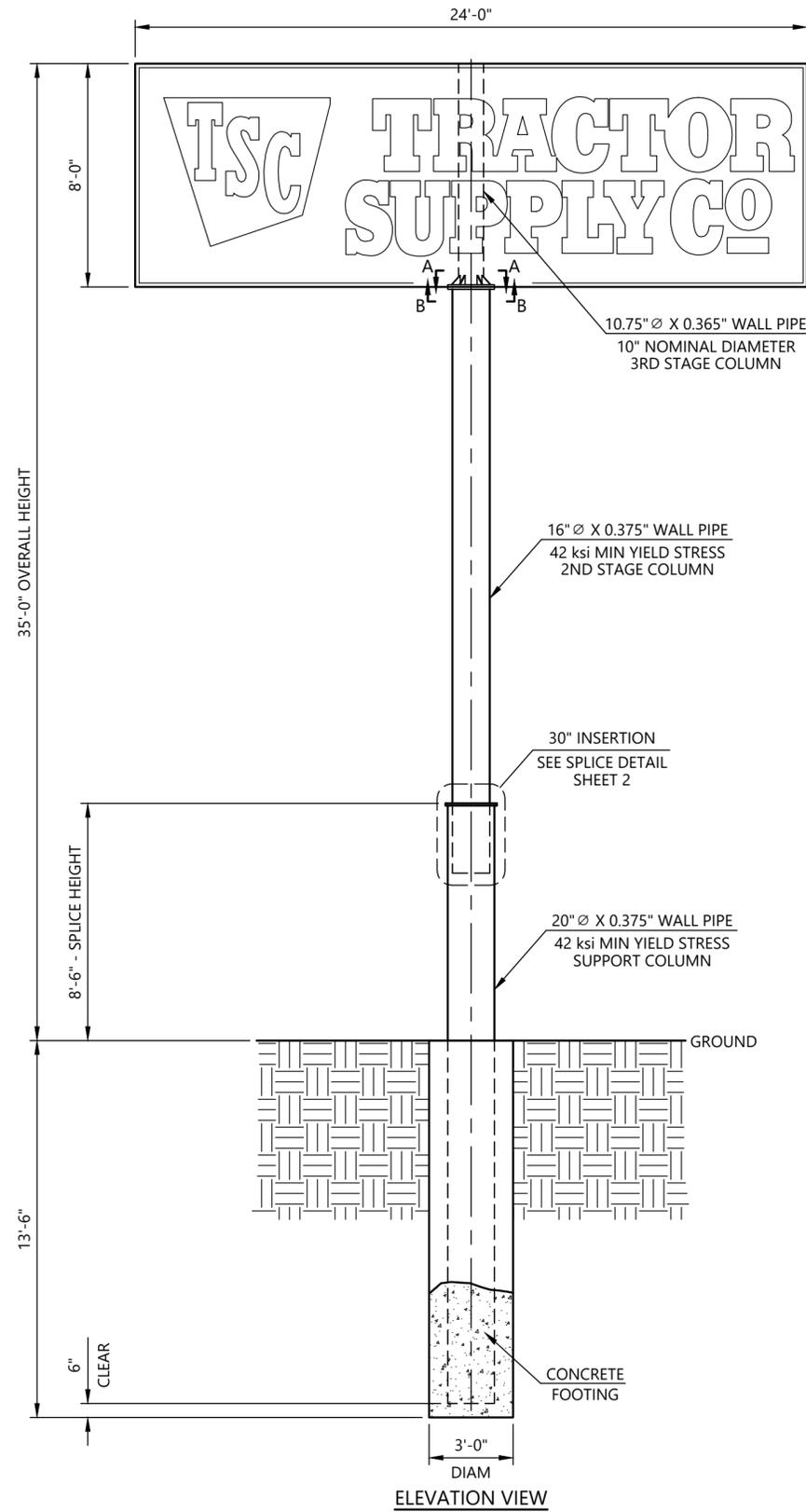


**GENERAL NOTES:**

- All design, fabrication, installation and construction shall conform to the following specifications, unless specifically noted otherwise on the drawing:
  - The Florida Building Code, 8th Ed. - 2023
  - American Concrete Institute Building Code Requirements for Reinforced Concrete (318-19).
  - American Institute of Steel Construction, Inc Manual of Steel Construction (360-16).
  - American Welding Society ANSI/AWS D1.1 Structural Welding Code - Steel
- All steel components shall be as listed below, unless noted otherwise:
  - All rolled shapes, plates and bars shall be ASTM A36, or equal.
  - All pipe shall meet the requirements of ASTM A53, Type S or E, Gr B, or ASTM A500, Gr B, or ASTM A252, Grade 2 or better, with a minimum yield stress as noted.
  - All structural tubing shall be ASTM A500, Grade B, or equal.
  - All bolted connections shall be made with ASTM A307 Bolts and shall be installed as per AISC Specifications
  - All exposed materials shall be properly protected from weathering and/or corrosion.
- All field welds shall be made by a welder certified in the specified position. (none required)
  - All welds shall be made with E70XX electrode, or equal.
  - All welds shall be made in a sequence that will balance the applied heat of welding while the welding progresses.
- All concrete shall have a minimum compressive strength at 28 days of 2500 psi.
  - Signage may be installed on the structure after a minimum curing time of 3 days, provided the curing process has been properly maintained in accordance with ACI 318-19.
- All reinforcement steel shall have a minimum yield strength of 60,000 psi and shall conform to ASTM A615. All reinforcement steel shall be placed in accordance with ACI 318-14.
  - All reinforcement steel shall be provided with a minimum concrete cover of 3" when concrete is cast against earth.
  - Reinforcement steel shall not be 'tack' welded at crossing points.
- The structure has been designed to withstand a 120 mph (3-sec gust) design wind speed with a maximum design pressure of 48.6 psf according to ASCE 7-22. (Exposure C, Risk Cat II)
  - Seismic design was considered as per ASCE 7-22 assuming  $S_d=0.083$ ,  $I_p=1.0$ , and Site Class D-default.
- The foundation has been designed assuming the following average soil conditions:
  - Allowable Vertical Bearing Pressure of 1500 psf (This value is used for spread type footings.)
  - Allowable Lateral Bearing Pressure of 150 psf/ft (This value is used for cube and auger footings.)
  - The soil allowable is multiplied by two for isolated footings as per IBC 1806.3.4.
  - 150 psf/ft corresponds to sand, silty sand, clayey sand, silty gravel, clayey gravel or equal.
  - If soil conditions other than those assumed are encountered (including soft soils, unstable or collapsing soils, expansive soils, organic materials, groundwater, adjacent utilities, or any other condition of potential concern) cease excavation immediately and contact Cornerstone so that the foundation design can be re-evaluated.
  - If the structure is to be located in the proximity of a building or any other structure, Cornerstone shall be contacted prior to installation to evaluate any potential impact on the adjacent footings.
  - If the structure is located on the side or top of a slope in excess of 3:1, the installer shall contact Cornerstone for re-evaluation. The foundation shall not be placed in or near a fill slope without Cornerstone's approval.
  - All concrete shall be placed in direct contact with undisturbed soil. There shall be no backfilled soil placed in or around the foundation without written approval from Cornerstone.
- Cornerstone is in no way responsible for the safety of the work site during installation. The installer shall take appropriate measures to make sure that the installation of the foundation and the erection of the structure is performed using methods in compliance with applicable OSHA regulations.
- If existing and proposed conditions are not as detailed in this design drawing the installer shall cease work and notify Cornerstone immediately.
  - Cornerstone will not be performing on-site inspections or verification of conditions. It is the responsibility of the installer, the structure owner, and the property owner to identify the on-site conditions and to contact Cornerstone with any discrepancies or concerns. It is the owner's responsibility to locate and mark all underground utilities.
- Any deviation from these plans or non-compliance with the general notes without written approval from Cornerstone will render the entire design to be void.



Note: Cornerstone Engineering, Inc. is registered to provide engineering services in the State of Florida as Cornerstone Engineers, Inc. (#30373)



PREPARED FOR:  
**LAKESIDE SIGN COMPANY**  
 407 N. Pilot Knob Rd. - Denver, North Carolina  
 Tractor Supply Company Pylon Sign @ 35'-0" Overall Height  
 129 Chad Place - Lake City, Florida

Drawn By: CRS  
 Date: 01/27/2026  
 Sheet: 1 of 2

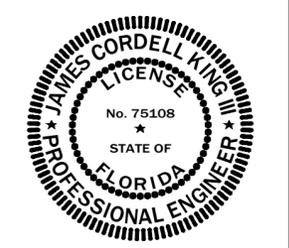
Project #: 260018  
 Dwg #: CA3211R  
 Scale: 1/4" = 1'-0"

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JAMES CORDELL KING III, P.E. ON THE DATE SHOWN ON THE TIME STAMP USING A DIGITAL SIGNATURE.  
 PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**NOTICE:**  
 CORNERSTONE ENGINEERING, INC. IS RESPONSIBLE FOR COLUMN AND FOOTING DESIGN ONLY. SIGN CABINET COMPONENTS AND ATTACHMENT ARE THE RESPONSIBILITY OF THE SIGN MANUFACTURER.

ELECTRICAL DETAILS SHOWN ARE FOR INFORMATION ONLY. CORNERSTONE IS IN NO WAY RESPONSIBLE FOR THE ELECTRICAL DETAILS SHOWN.

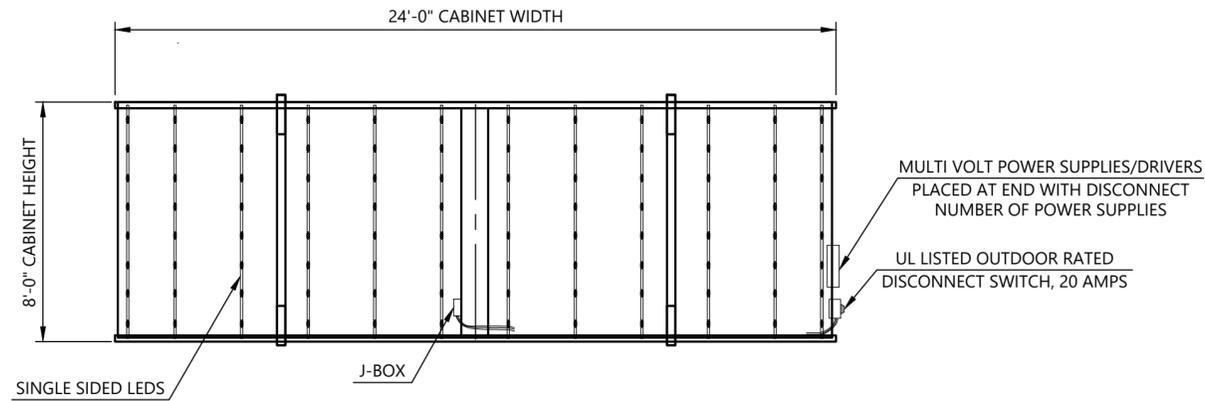
JAMES CORDELL KING III



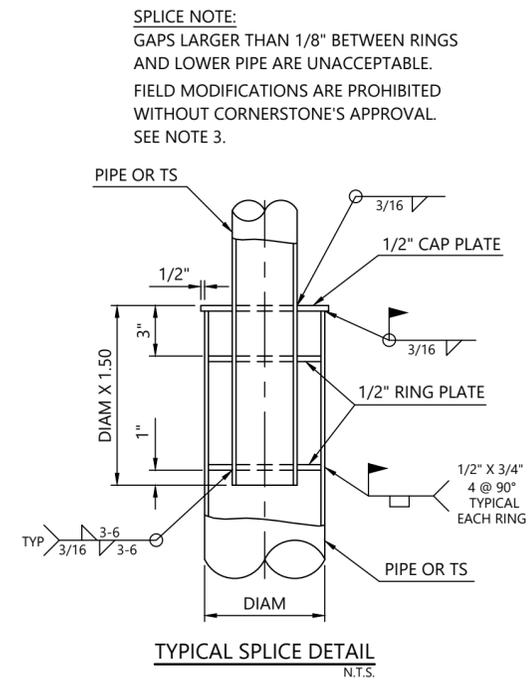
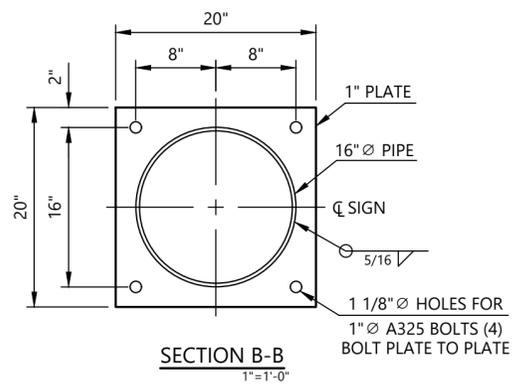
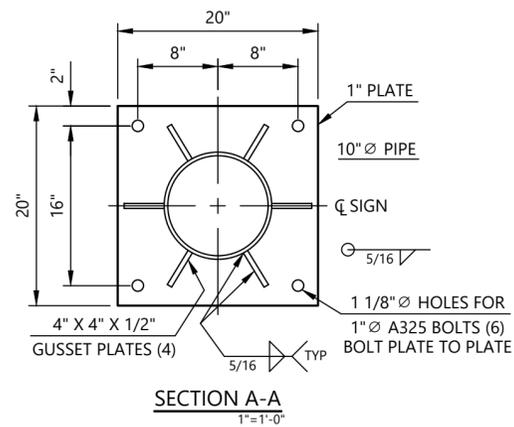
FL P.E. # 75108

NOTE:  
PRIMARY POWER TO BE PROVIDED BY CUSTOMER WITHIN 5 FEET ON SIGN LOCATION.

POWER SUPPLIES/DRIVERS ARE MULTI-VOLT TYPE, 120V-277V HOUSED IN CABINET FOR BEST ACCESS  
UL LISTED, 20 AMP.  
DISCONNECT SWITCH REQUIRED.  
INSTALL IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.  
  
LIGHTING:  
DOUBLE SIDED LED STICKS  
COLOR TEMP.: 6500K  
16" MAX O.C.



CABINET LED ELEVATION VIEW



SPLICE NOTE:  
GAPS LARGER THAN 1/8" BETWEEN RINGS AND LOWER PIPE ARE UNACCEPTABLE.  
FIELD MODIFICATIONS ARE PROHIBITED WITHOUT CORNERSTONE'S APPROVAL.  
SEE NOTE 3.