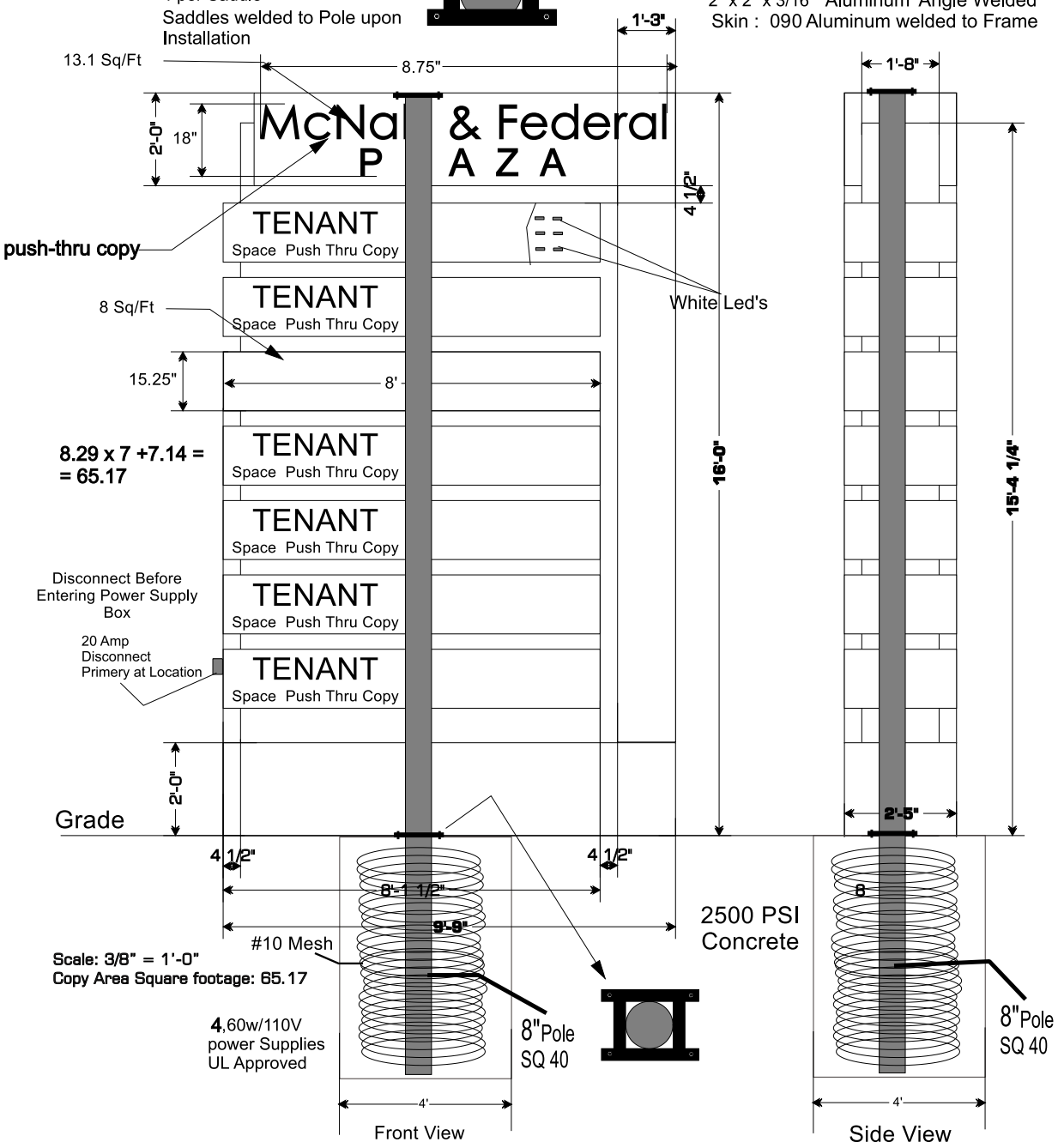
Structural & Electrical Detail Monument sign.

Internally led Illuminated Double Sided Monument Sign
Header and Tenant Copy 3/4" Push-Thru Acrylic

Internally Illuminated Sign
with 12v LED Tracks
and Power Supplies
Sign UL Approved

Steel Saddles : 2" x 2" x .25"
Top and Bottom as shown
Bolted to Fame with
.5" x 1" Nut - Bolt
4 per Saddle
Saddles welded to Pole upon
Installation

Sign constructed with
2" x 2" x 3/16" Aluminum Angle Welded
Skin : 090 Aluminum welded to Frame



GENERAL NOTES:

- Design is in accordance with the requirements of the **Fla Bldg Code 8th Ed (2023)** for use within & outside the High Velocity Hurricane Zone (HVHZ).
- This engineering certifies o[illegible]uctural integrity of those systems, com[illegible] and/or other construction [illegible]ecified herein.
- Electrical notes details & [illegible]fic[illegible] are provided by and are the sole r[illegible]sib[illegible] of the electrical contra[illegible]o ele[illegible] review has been performed a[illegible] no certification of suc[illegible]ended.
- Structural design me[illegible]quiremen[illegible]CI 318-19, AISC 360-16, AD[illegible]0, & NDS- as applicable.
- Steel components [illegible]be coated, pai[illegible]r otherwise protecte[illegible]nst corrosion per FBC Sec 2203[illegible]2.6.
- Alum compone[illegible]edded in concr[illegible] protected as p[illegible]ed in ADM1-20(1a), o[illegible]c/neoprene s[illegible]s provided.
- All exposed [illegible]ers shall be S.S. or have a [illegible]ive coati[illegible]corrosion protection.
- All welding [illegible]be per AWS requirements. • [illegible]elds: E[illegible]ectrodes.
- Aluminum [illegible]s: 4043 filler alloy. • Alum extru[illegible]063[illegible]stronger, U.N.O.

ASCE 7-22 WIND LOADS:
- V=170 mph • Exposure 'C'
- Risk Category 2 Structure
- Sign Height = 30 [illegible] max
- Kzt=1.0, Kd=0.85, G=0.85
- ASD Load C[illegible]eff = 0.6
- Wall components & cladding
- Zone 4: **+40.7 psf**
- Zone 5: **[illegible] psf**

ELECTRI[illegible]		ELECTRICAL NOTES
Volts	120V Primary [illegible] Secondary	1. All materials and fasteners meet 3004.4 2. All electrical components are UL listed and approved. 3. Sign grounded according to NEC 600.7 4. Sign manufactured and listed NEC 600.3 and marked per NEC 600.4 5. All branch circuits per NEC 600.5(B). 1 0r (B). 2 6. 20A Disconnect switch as per NEC 600.6(A)
Total A[illegible]	2.8 Amps	
Circu[illegible]	1	
Visible [illegible]nnects	(1) 12[illegible]VAC / 20 Amp	
Power Su[illegible]	(4) Hanley 6[illegible]V @ 0.7 Amps	FBC 2023 (8th Edition) & NEC 2020 Section C405.2.5 Sign shall be controlledby either a combination of a photosensor and a timer switch, or an astronomical time switch

Sign is intended to be ins[illegible] the requirements of Article 600 of the National Electrical Code and/or applicable local codes. This includes proper grounding and bonding of the sign.

UL CERTIFIED SAFETY US — UNDERWRITERS LABORATORIES LISTED ELECTRIC SIGN

AAC
PZ21-30000011

McNab Self Storage
Pompano Beach