

SCOPE OF PROJECT: PERMIT, FABRICATE & INSTALL REPLACEMENT PYLON SIGN.

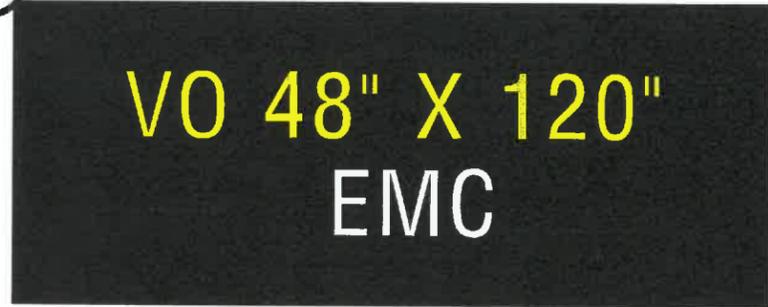
BOTH UPPER STATIC CABINET & DIGITAL CABINET ARE DOUBLE SIDED

(A) 12' 55.92SF



4.66'

(B) 10' 40SF



4'

95.92SF SIGN AREA

178.64 SF - WIND LOAD

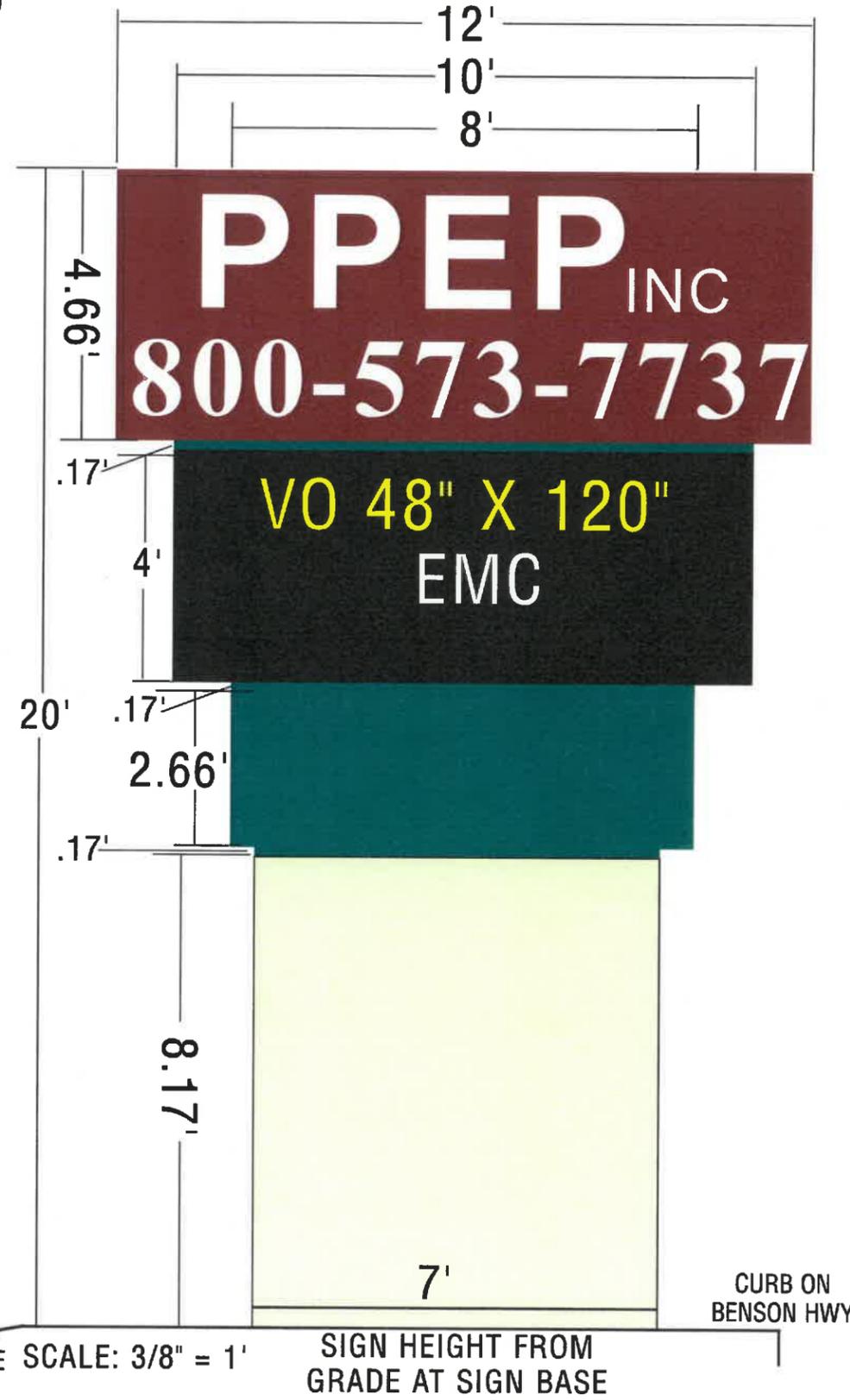
Pole cover color will match building color. The blank element above the pole cover and reveals paint teal accent on the building. These elements to have a stucco type finish. The Digital cabinet will be black to match the digital faces and the top cabinet will be burgundy as that is one of PPEP's main corporate colors.

Pole cover, blank element, reveals and cabinets to be aluminum. Top cabinet faces to be lexan with 3M translucent vinyl & white LED illumination.

The static and digital displays have separate circuits with volts and amps listed and each has a separate shut off switch and timer.

Sign will be using the three existing circuits from the old sign. The power panel is located in the left side panel, #'s 33, 35, & 37 & lockouts lockouts provided. Time clock in the server room.

Old freeway pylon had 1-20 amp Circuit 110v & 2 -20 amp circuits 220v



GRADE INSIDE OF FENCE SCALE: 3/8" = 1'

SIGN HEIGHT FROM GRADE AT SIGN BASE

CURB ON BENSON HWY

Field welding will not be required.

PROJECT: PPEP
 LOCATION: 901 E. 46TH ST. TUCSON AZ 85713
 SCALE: AS NOTED
 DATE: 1.8.2020
 APPROVED BY: Pylon_Design

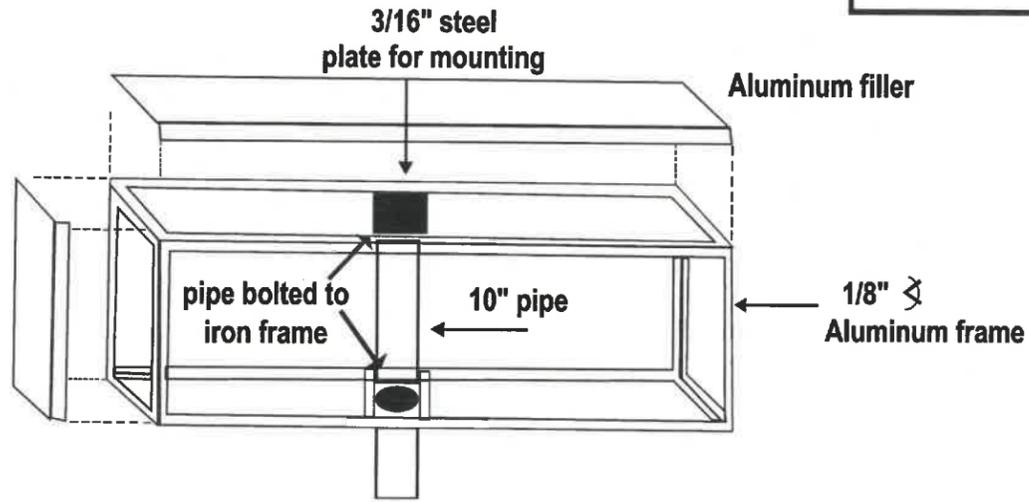
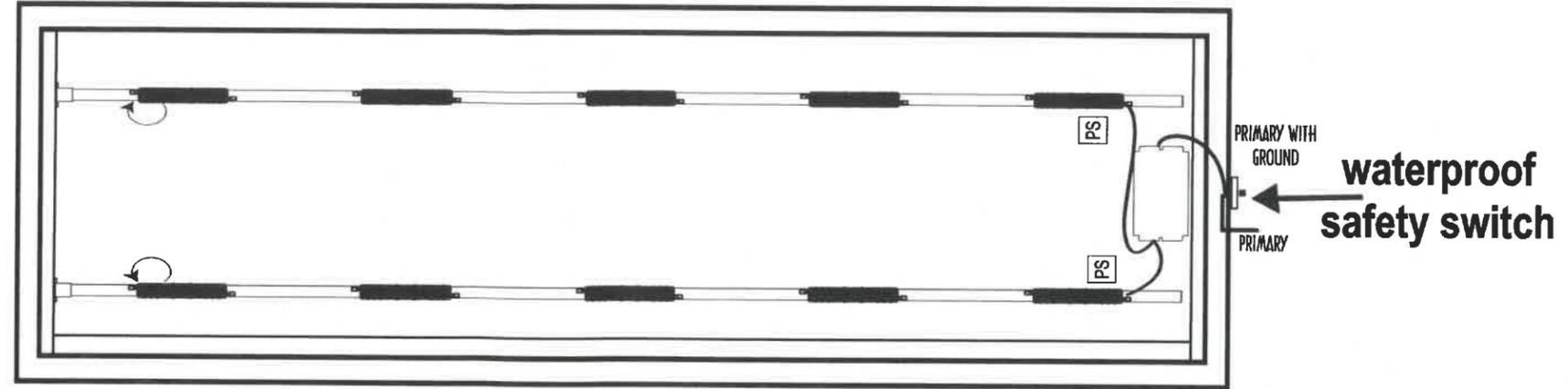
DESIGNER: Bob K
 SALESPERSON: Mike T
 FILE NAME: Pylon_Design

UL
 MEMBER ARIZONA SIGN ASSOCIATION
 BUY VETERAN BuyVeteran.com
 INTERNATIONAL SIGN ASSOCIATION
 TSSC

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 ROC 176246

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As per the City of Tucson Outdoor Lighting Code the Internally illuminated sign as shown on this page does not EXCEED 4400K COLOR TEMP.



- Burgundy 3M Translucent Vinyl
- Burgundy Trim Cap & Returns
- White Lexan Faces
- White LED Illumination

Disconnect Switch - The location of the disconnect switch after installation shall comply with Article 600.6(A)(1) of the National Electrical Code.

Using 1 of the 3 existing circuits from the removed freeway sign.
 1-20 amp circuit
 120 volts
 5. amps
 low voltage power supply

24 HOUR PROGRAMMABLE TIMER installed to comply with the COT outdoor lighting code.

4.66'

12'



SCALE 3/4" = 1'

Since the NEC no longer requires bonding in these limited situations we should still require the sign manufacturers to mark the sign with the statement with the marking as shown in the FUII ("This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign").



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BUY VETERAN BuyVeteran.com

PROJECT	PPEP	DESIGNER	Bob K
LOCATION	901 E.46TH ST. TUCSON AZ 85713	SALESPERSON	Mike T
SCALE	AS NOTED	FILE NAME	Top_Cabinet
DATE	1.8.2020		
APPROVED BY			



SCOPE OF PROJECT: PERMIT, FABRICATE & INSTALL REPLACEMENT PYLON SIGN.



EMC SHALL DIM TO 200 NITS
FROM SUNSET TO SUNRISE

Digital display to change at a maximum rate of 1 x per minute
& with animation

Using 2 circuits from the existing power
from the removed pylon sign.

2 -20 amp circuits 220v
9.785 amps per side

Digital sign is FCC compliant.

Shall meet OLC curfew of 12:00am, or when
business closes - later applies.

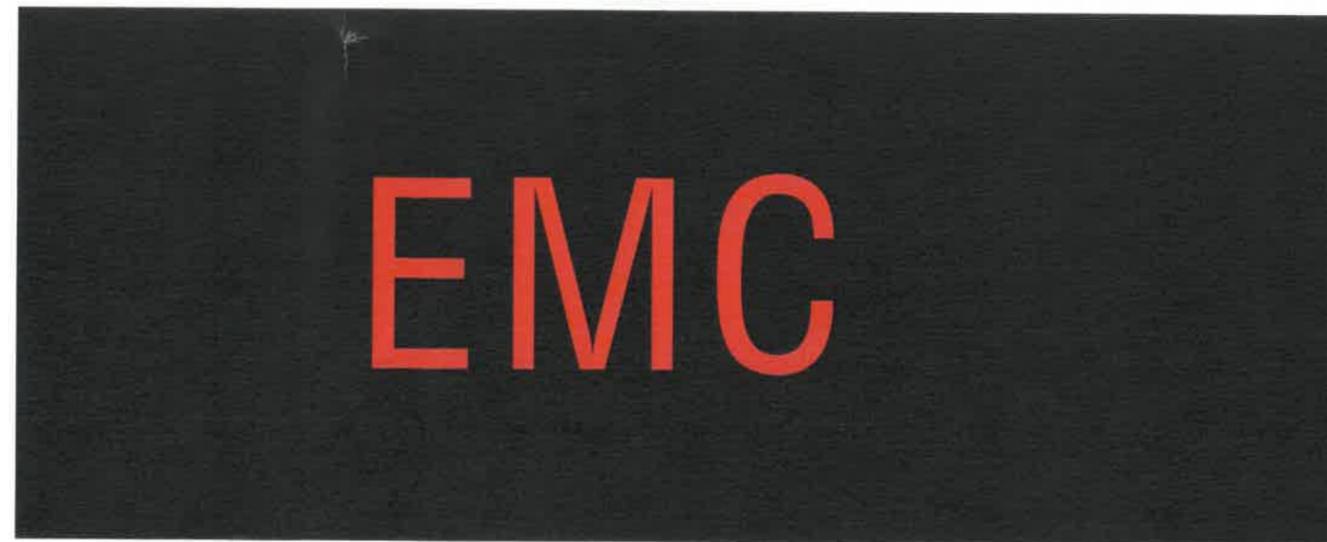
24 HOUR PROGRAMMABLE TIMER
installed to comply with the COT
outdoor lighting code.

Disconnect Switch - The location of the disconnect
switch after installation shall comply with
Article 600.6(A)(1) of the National Electrical Code.

SAFETY/DISCONNECT SWITCH
LOCATED INSIDE CABINET
ON CONTROLLER UNIT.

Since the NEC no longer requires bonding in these limited situations we should still require the
sign manufacturers to mark the sign with the statement with the marking as shown in the FULL
("This sign is intended to be installed in accordance with the requirements of Article 600 of the
National Electrical Code and/or other applicable local codes. This includes proper grounding
and bonding of the sign").

4'



SCALE 3/4" = 1'

DISPLAY SPECIFICATIONS

Module: Blade M 9mm module
LED Color: 1R1G1B Full Color
Pixel Pitch: 9 mm
Display Configuration: Double Sided (MASTER & MINOR)
Total Square Feet: 40.00 (per face)
Display Dimensions: 4 feet tall x 10 feet wide
Viewing Angle: 160° Horizontal / 90° Vertical
Viewing Area: 4 feet tall x 10 feet wide
Display Matrix: 128 x 320
Total Weight: 308.00 lbs

Average Continuous Power: 1410.00 watts
Max Current @ 220V: 19.57 amps
Input Voltage: 220V-265V
Ventilation: Fan-Less
Frames Per Second: 60fps
Dimming: Scheduled, or Manual
Estimated LED Lifetime: 100,000
Warranty: 5 Years

BLADEM DISPLAY SYSTEM

BladeM 9mm, full color configurable outdoor LED display
- 4x10 Double Sided display
- Consists of 40 LED panels and 8 2x4' and 8 1X2' aluminum frames
- 1 M1 Controller with auto-mapping
- 1 Standard License for ScreenHub cloud software with lifetime training and support
- 5 Year Cellular Broadband, WiFi Engenius Kit or Hardwire internet connectivity.
- 1 Service Module

BLADEM NUMBER OF PIXELS PER FACE = 40,960
vs 16mm display which = 12,960



CIRRUS
SYSTEMS INC.

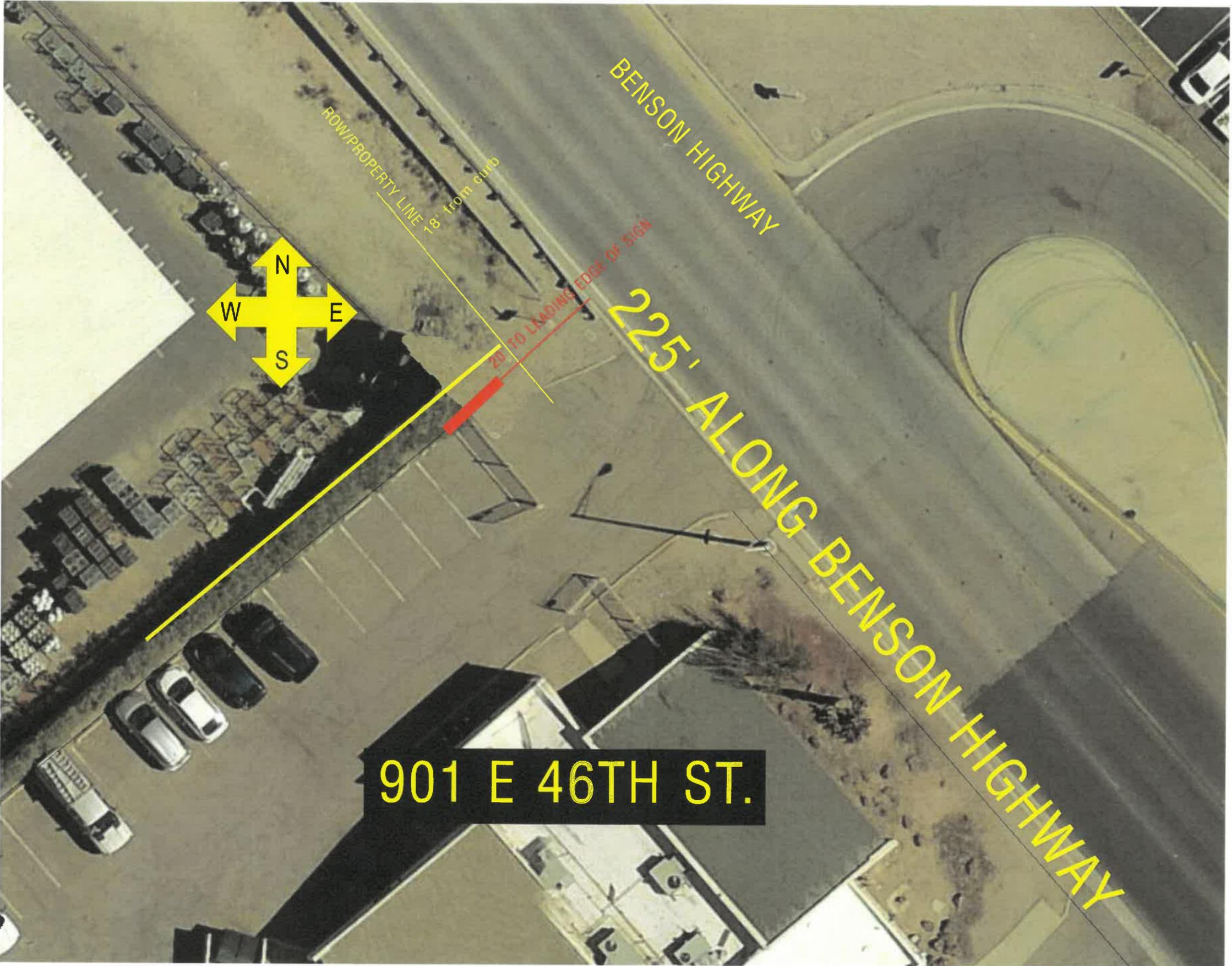


PROJECT	PPEP	DESIGNER	Bob K
LOCATION	901 E.46TH ST. TUCSON AZ 85713	SALESPERSON	Mike T
SCALE	AS NOTED	FILE NAME	EMC_Cabinet
DATE	1.8.2020		
APPROVED BY			



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901 E 46TH ST.

BENSON HIGHWAY

225' ALONG BENSON HIGHWAY

ROW/PROPERTY LINE 18' from curb

20' TO LANDING EDGE OF SIGN



OLD SIGN BEFORE REMOVAL & VIEW OF THE BUILDING.



OVERHEAD OF AREA



SIGN AFTER STORM DAMAGE- JUST BEFORE REMOVAL

