

2022 CALIFORNIA CODE WILL APPLY TO THIS PROJECT

SIGN TYPE A - PRIMARY MONUMENT

- Fabricate and install (x1) internally illuminated primary monument sign, concrete footing. Connecting to power source (BY OTHERS) with dedicated 20amp circuit, photocell, and timer.

SIGN TYPE C - PROPERTY ID

- Fabricate and install (x1) internally illuminated property id, wall mounting.

Connecting to power source (BY OTHERS) with dedicated 20amp circuit, photocell, and timer.

SIGN TYPE D - OVERHEAD PARKING ID

- Fabricate and install (x1) fco lettering, and painted existing wall overhead parking id. Applied upward light, wall mounting.

Connecting to power source (BY OTHERS) with dedicated 20amp circuit, photocell, and timer.

SIGN TYPE E - BLADE PARKING ID

- Fabricate and install (x1) internally illuminated blade parking it, wall mounting. Connecting to power source (BY OTHERS) with dedicated 20amp circuit, photocell, and timer.

530

LYTTON

PROJECT:

530 LYTTON AVENUE PALO ALTO, CA 94301

EXTERIOR PACKAGE 02/13/2024

Design + Build.

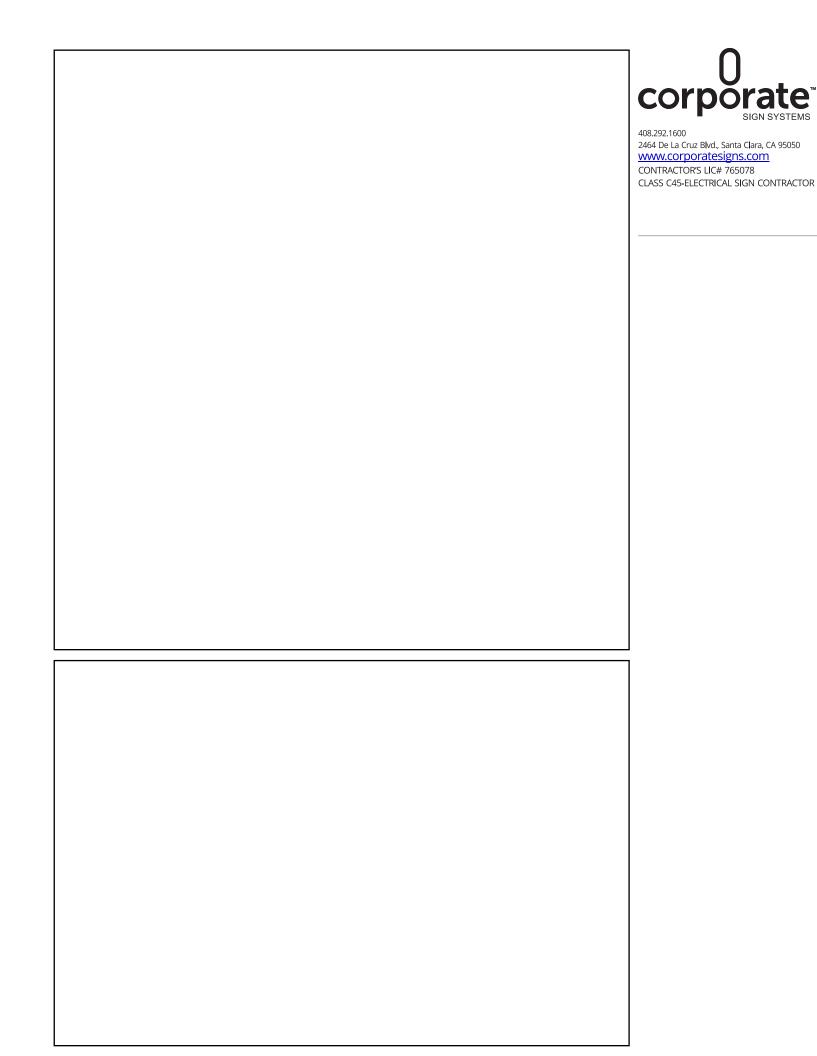


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2464 De La Cruz Blvd., Santa Clara, CA 95050 www.corporatesigns.com CONTRACTOR'S LIC# 765078 CLASS C45-ELECTRICAL SIGN CONTRACTOR

CLIENT

525 UNIVERSITY

PROJECT

530

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530 LYTTON AVE PALO ALTO, CA 94301

DRAWING / REVISION DATE

06/29/23 - YY 02/06/24 - YY

07/05/23 - YY 02/09/24 - YY

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07/26/23 - YY 04/17/24 - YY 07/28/23 - YY 04/25/24 - YY

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01/25/24 - YY

FILE NAME / LOCATION

Orchard Commercial\525 University Ave_LUX\Drawings\ 1514 530 LYTTON Exterior.cdr

ORDER NUMBER

SIGN TYPE

SHEET TITLE

TABLE OF CONTENTS

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ALLOWABLE SIGNAGE - CALCULATIONS

TOTAL SIGN AREA CALCULATIONS

Total Sign Area Calculations in SF

530 LYTTON AVENUE

LOT FRONTAGE	MAXIMUM SIGN AREA	
FT	SF	
393 FT		L

SIGN TYPE	PROPOSED SF	x QTY PROPOSED	x QTY ALLOWED	SIGN AREA ALLOWED	= TOTAL SIGN AREA USED
C. PROPERTY ID (WALL SIGN)	56.33 SF	1	ANY	150 SF (TOTAL AGGREGATE OF ALL WALL SIGNS)	56.33 SF
D. OVERHEAD PARKING ID (WALL SIGN)	22.95 SF	1	ANY	150 SF (TOTAL AGGREGATE OF ALL WALL SIGNS)	22.95 SF
				CURT	27A1 70.20 CF

SUBTOTAL = 79.28 SF

PROPOSED SF	x QTY PROPOSED	x QTY ALLOWED	SIGN AREA ALLOWED	= TOTAL SIGN AREA USED
14.79 SF	1	2	REPLACING EXISTING LIKE-FOR-LIKE	14.79 SF
7.36 SF	1	N/A	N/A	7.36 SF
	14.79 SF	14.79 SF 1	14.79 SF 1 2	14.79 SF 1 2 REPLACING EXISTING LIKE-FOR-LIKE

SUBTOTAL = 22.15 SF

TOTAL = 101.43 SF



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SIGN TYPE

SHEET TITLE CALCULATIONS

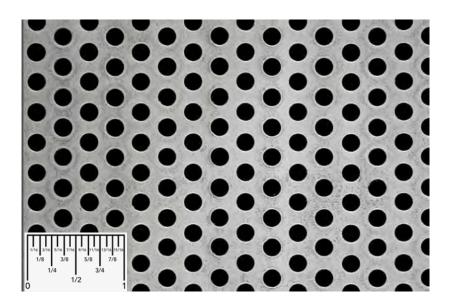
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BRAND ARTWORK

530

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ICON/SYMBOLS



3/16" ROUND ON 5/16" STAGGER CENTERS 1/8" BAR, 11.95 HPSI, 33% OPEN AREA ALUMINUM ALLOY 3003-H14

FONTS

Roboto Condensed ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

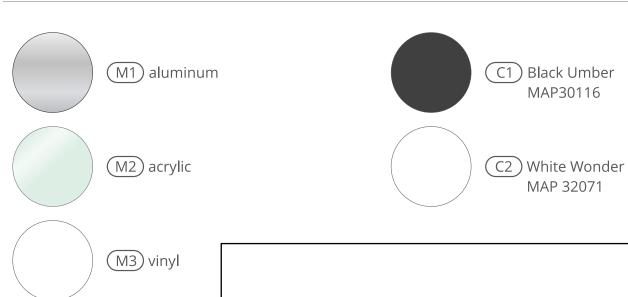
1234567890

Roboto Condensed Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890

MATERIAL AND COLOR SCHEDULE





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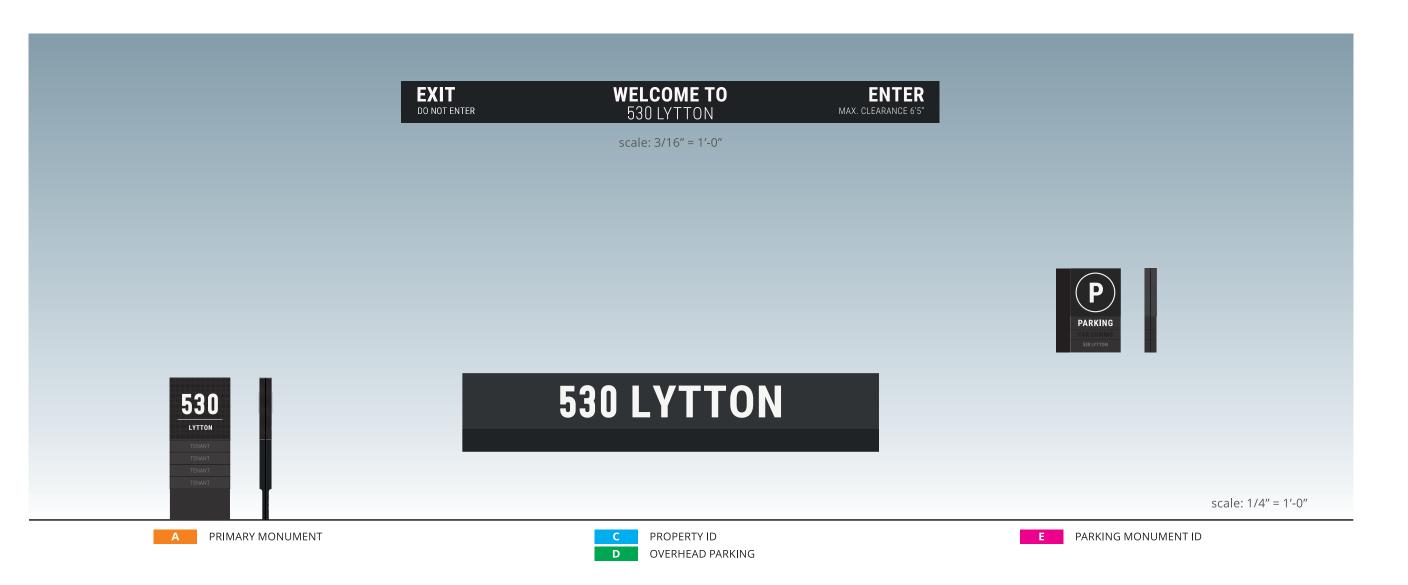
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SIGN TYPE

SHEET TITLE
SIGN ELEMENTS

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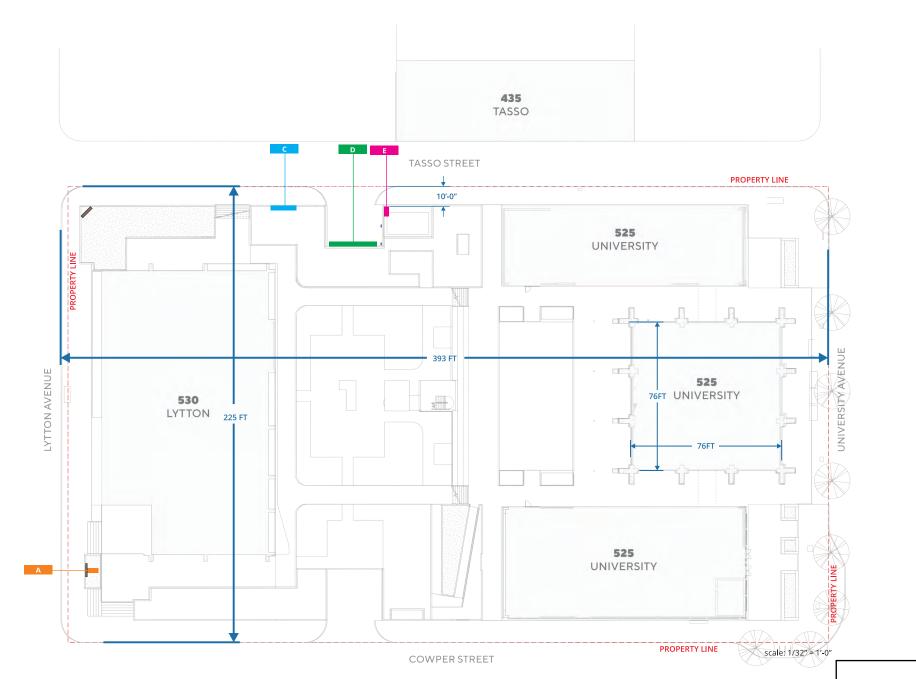
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SIGN HIERARCHY

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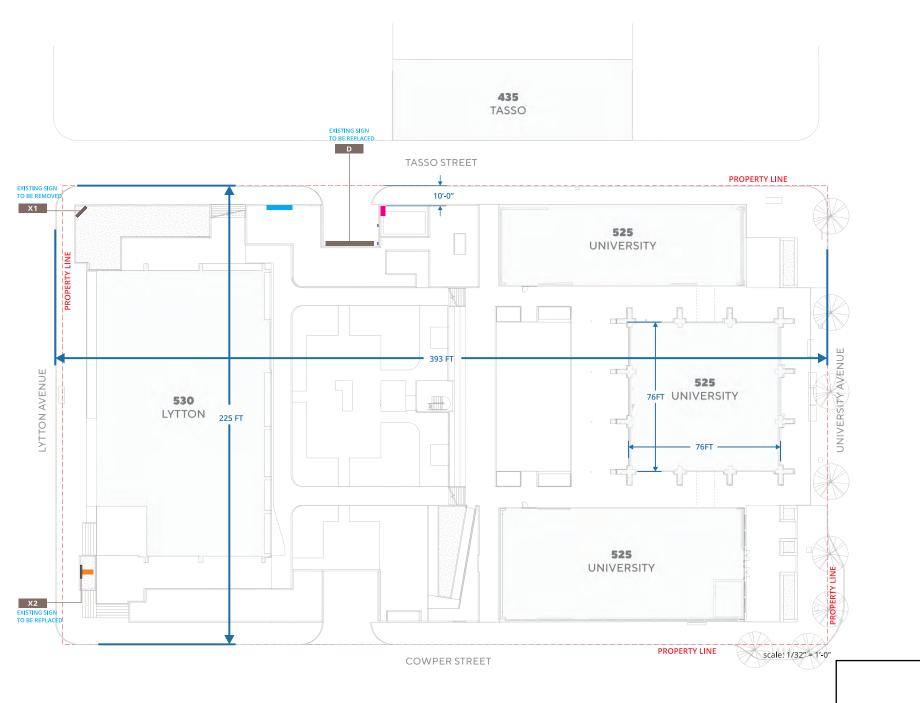
SIGN TYPE

SHEET TITLE

LOCATION PLAN - PROPOSED

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D OVERHEAD PARKING
X EXISTING SIGN



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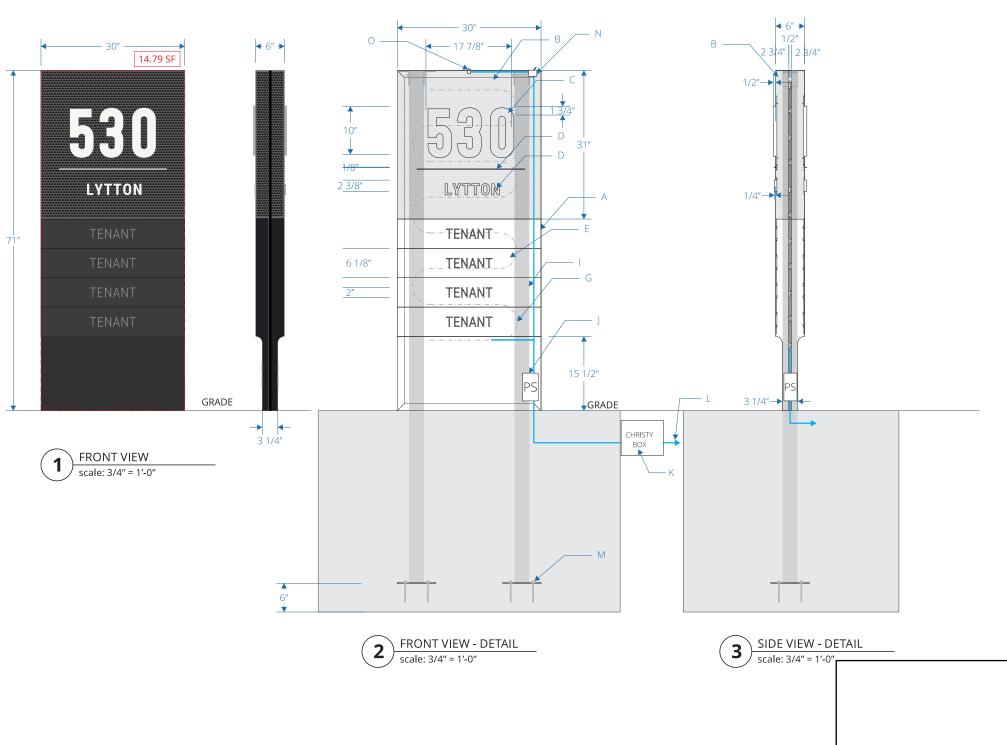
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LOCATION PLAN - DEMO

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DOUBLE SIDED SIGN DESCRIPTION

N aluminum cahinot

_{QTY:} 1

A. 71"h x 30"w x 6"d -3 1/4"d fabricated aluminum cabinet, painted C1 umber black

B. 31"h x 30"w x 6"d fabricated perforated panel on the top portion of sign cabinet

 ${f C.}\,$ 10"h x 1/2"thick push thru acrylic address number id, painted C2 white wonder

 ${f D.}\ 2\ 3/8"h\ x\ 1/4"thick\ push\ thru\ acrylic\ lettering\ and\ 1/8"\ rule\ line,\ painted\ C2\ white\ wonder$

E. 6 1/8"h x 30"w removable tenant panel, painted C1 dark gray; with 2"h x 1/4"d flush to face acrylic push thru tenant name, painted C2 white wonder

G. LEDs

H. concrete footing (see engineering page for detail)

I. $3'' \times 3''$ aluminum tube post with 1/2''dia galvanized steel thru bolt

J. 110v-277v ul listed power supply

K. christy box by others

L. primary line 110-277v on dedicated circuit 20AMP by others

M. 1/4" thick aluminum plate and expansion bolt mounted with waterproofing by bothers

N. disconnect switch box

O. photocell

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SIGN TYPE

A

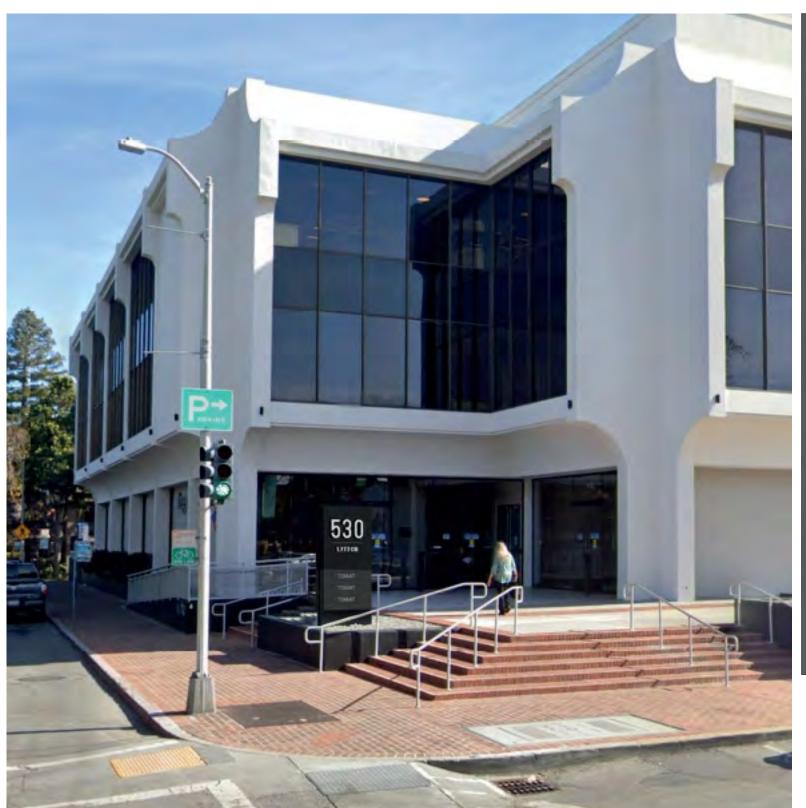
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PRIMARY MONUMENT

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SIGN TYPE

A

SHEET TITLE
PRIMARY MONUMENT
(PHOTO ELEVATION)

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EXISTING SIGN TO BE REPLACED (18.6 SF)





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SIGN TYPE

A

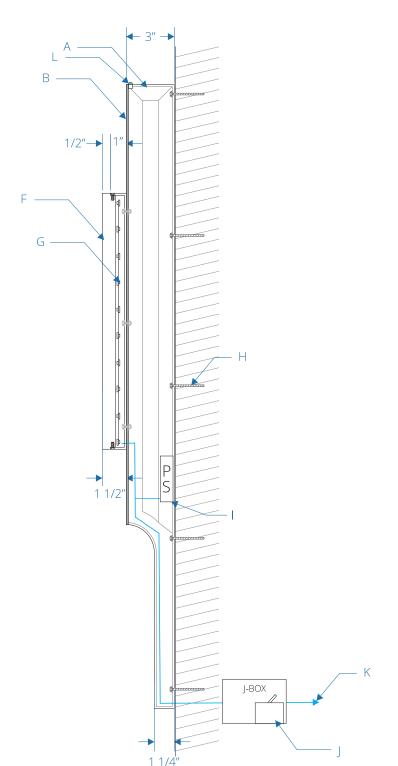
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PRIMARY MONUMENT
(PHOTO ELEVATION)

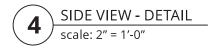
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530 LYTTON



A. 39"h x 208"w x 3" - 1 1/2"d fabricated aluminum cabinet with face perforated on the top portion, painted C1 umber black

B. 28"h x 1/8" thick perforated aluminum face

C. bottom curved portion of fabricated aluminum sign cabinet at 1 1/2"d, painted C1 umber black

D. 16"h x 1 1/2"d fabricated aluminum lettering with 1/2" thick acrylic face lit mount to sign face cabinet

F. 1/2" thick acrylic face, painted C2 white wonder

G. LEDs

39"

H. attached to existing wall with tapcon conrete anchor

I. 110v-277v ul listed power supply

J. j-box and disconnect switch box by others

 ${\bf K}.$ primary line 110-277v on dedicated circuit 20AMP by others

L. photocell

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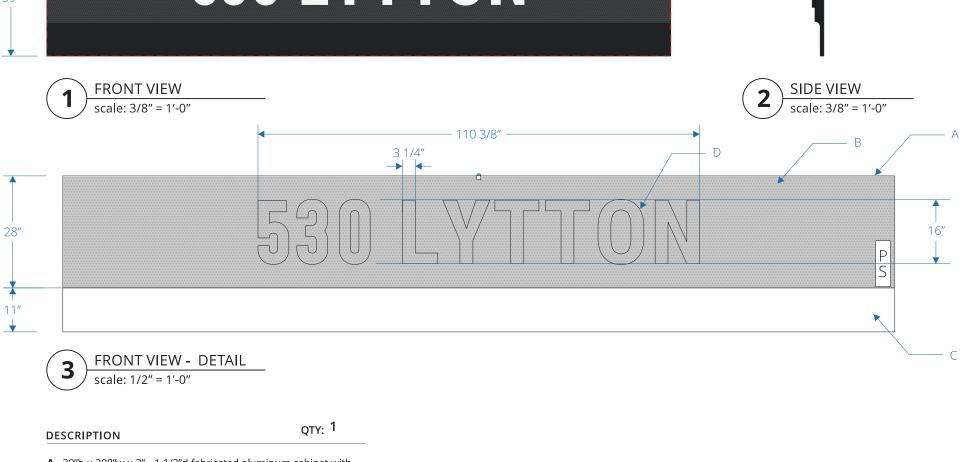
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SHEET TITLE
PROPERTY ID

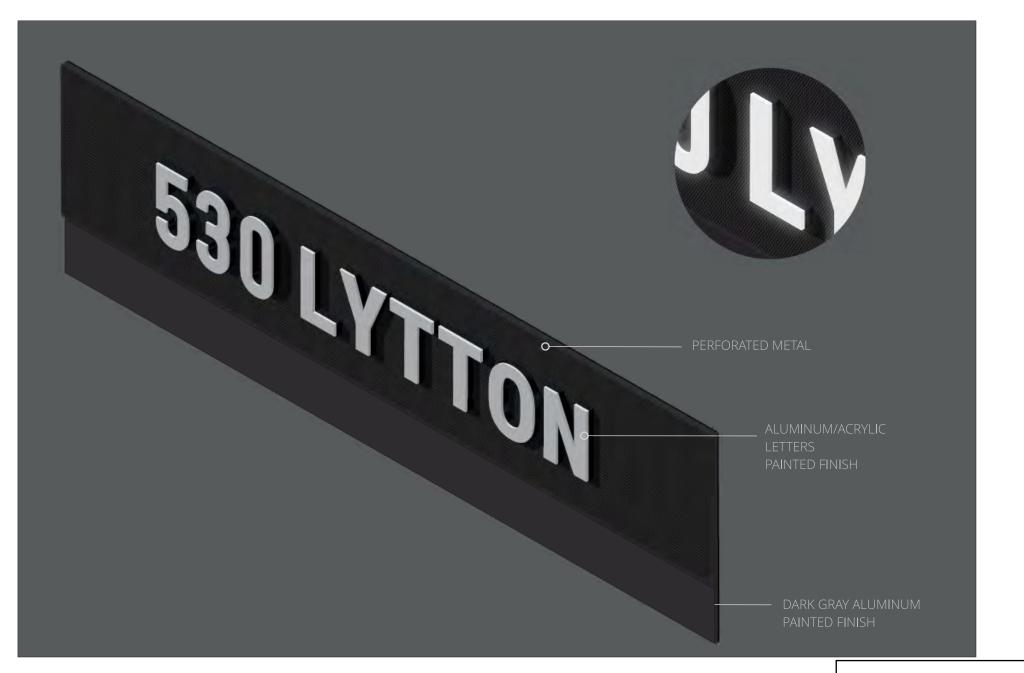
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56.33 SF





scale: NTS



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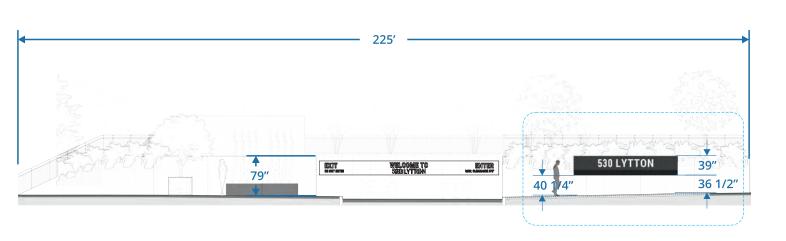
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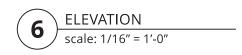
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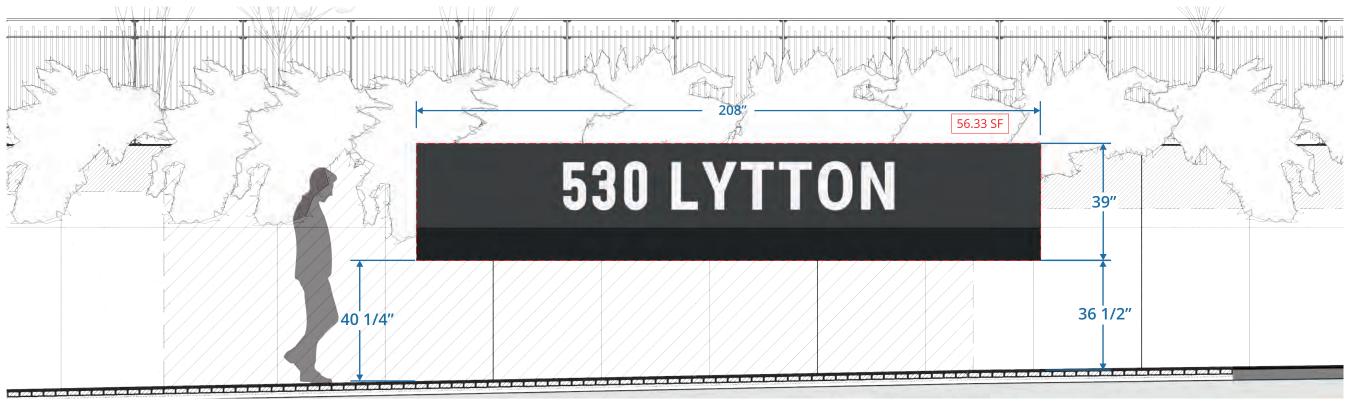
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ELEVATION - ENLARGED scale: 3/16" = 1'-0"

WALL SIGNS: COMBINED SIGN TYPE C AND SIGN TYPE D

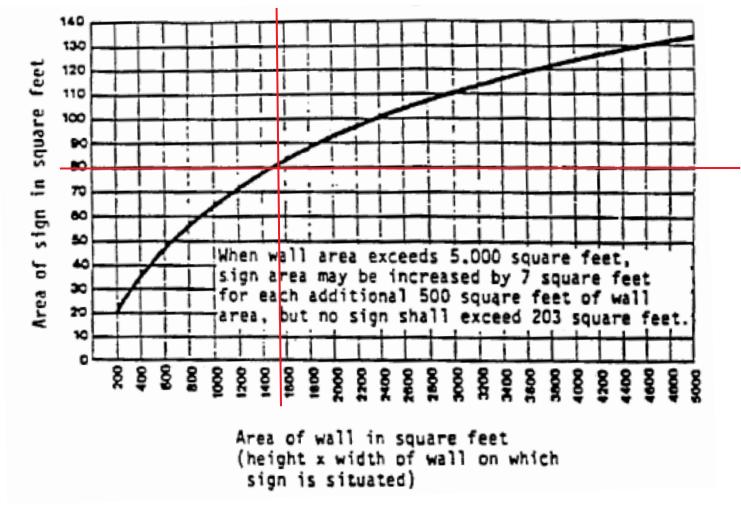


CHART scale: NTS corporate

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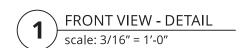
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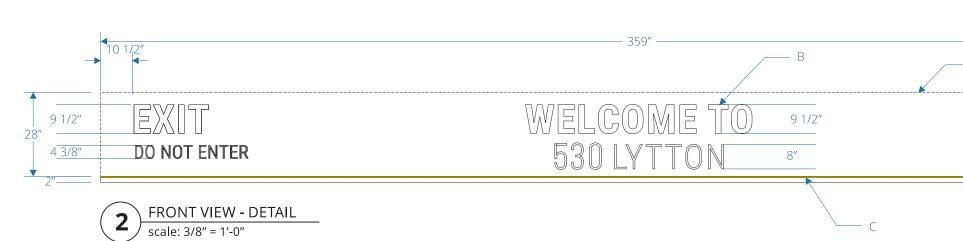
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4 ELEVATION scale: 1/4" = 1'-0"

DESCRIPTION

QTY: 1

A. existing concrete wall, painted C1 umber black

B. 1/4" thick fco acrylic lettering, painted C2 white

C. fabricated aluminum race box with upward light mounted to base of sign, painted C1 umber black

D. attached to wall with stud mounting

E. 110v-277v ul listed power supply

F. J-box and disconnect switch box by others

G. primary line 110-277v on dedicated circuit 20AMP by others

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CLIENT

1/4"→

SIDE VIEW - DETAIL

scale: 1" = 1'-0"

PAINTED EXISTING WALL

MAX. CLEARANCE 6'5"

EXISTING SIGN

TO BE REPLACED

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SIGN TYPE

D

SHEET TITLE

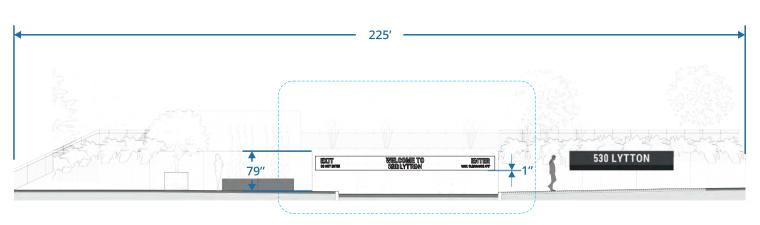
OVERHEAD PARKING ID

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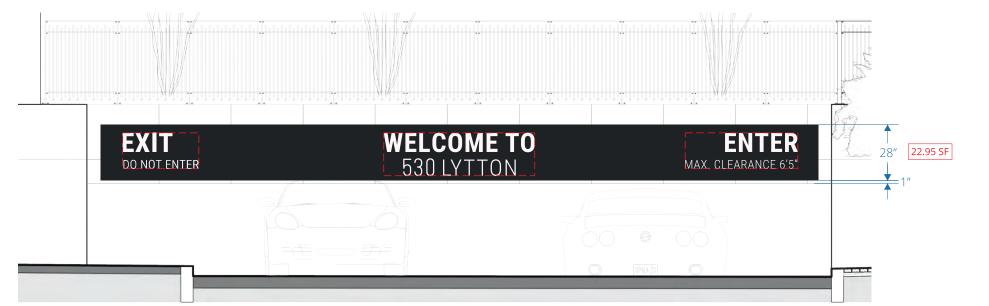
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6 ELEVATION - ENLARGED scale: 1/4" = 1'-0"



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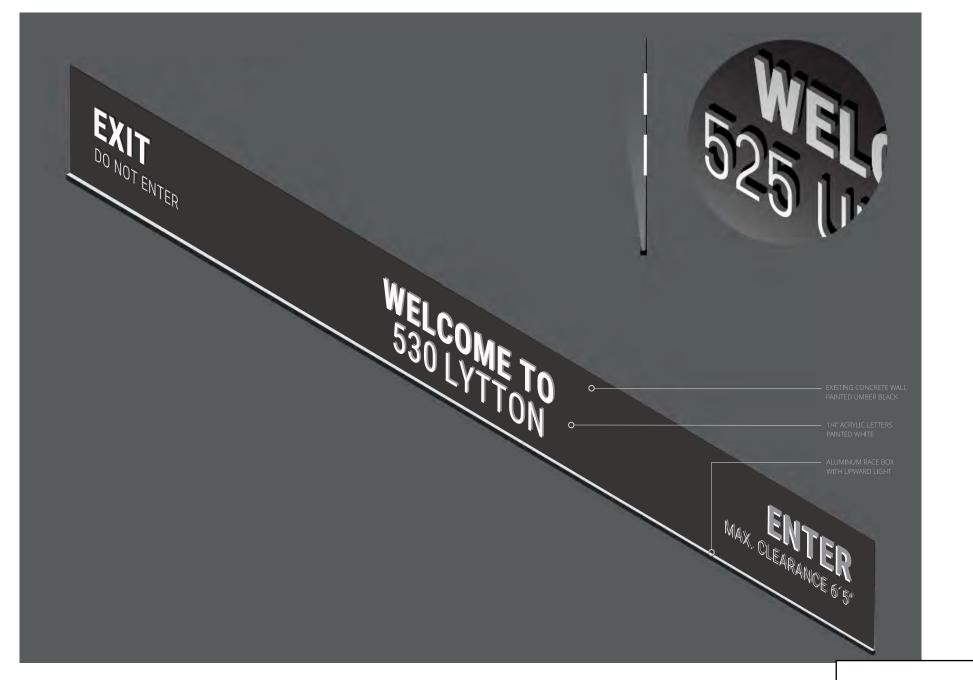
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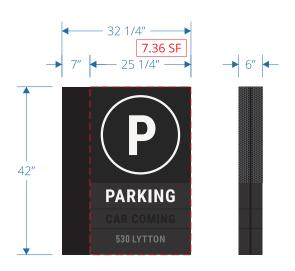
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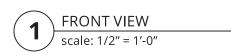
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SHEET TITLE

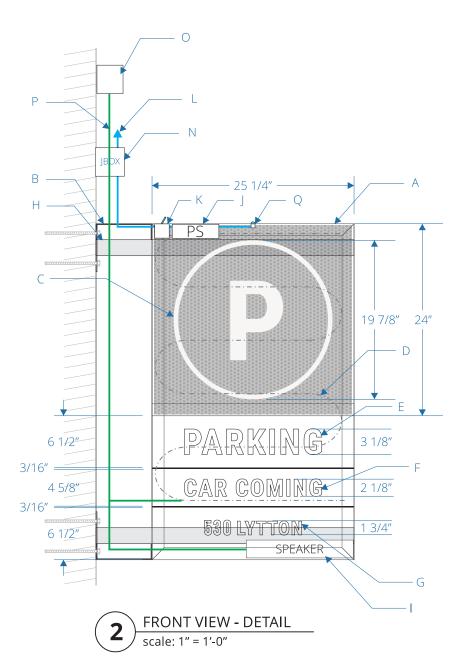
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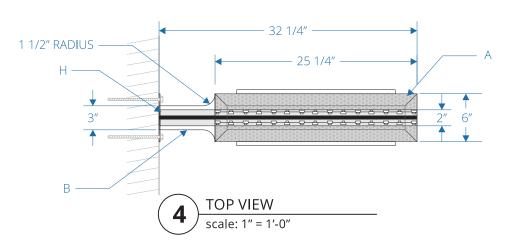
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This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign.





DESCRIPTION

A. 42"h x $25 \frac{1}{4}$ "w x 6"d fabricated aluminum cabinet with partially 24"h x $25 \frac{1}{4}$ "w perforated panel at the top part and internally illuminated, painted C1dark gray

QTY: 1

B. 42"h x 7"w x 3"d fabricated aluminum structure, painted C1 dark gray

C. 1/2" thick acrylic graphic and lettering push thru, painted C2 white

D. LEDs

E. 3 1/8"h x 1/2" thick push thru acrylic "Parking " lettering, painted C2 white

F. cutout lettering with vehicle detection sensor program to lit, applied red LEDs and day night acrylic.

 ${f G.}~1~3/4"h~x~1/4"$ thick FCO address lettering stainless steel

H. 2" x 2" aluminum tube post with 1/4" thick aluminum plate attached with tapcon concrete anchor bolt to wall

I. installed speaker inside the sign cabinet (see spec sheet for programming and installation detail)

J. 110v-277v ul listed power supply

K. disconnect switch box

L. primary line 110-277v on dedicated circuit 20AMP by others

N. J-box by others

O. "Car Coming" controller box supplier by sign contractor installed and programmed by OTHERS

P. 12v line brought to the sign by OTHERS. Connection made by sign contractor.

Q. Photocell

Notes: Programming and wiring of the "car coming" sensor and controller by OTHERS

0 corporate[™]

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530

530 LYTTON AVE PALO ALTO, CA 94301

DRAWING / REVISION DATE

06/29/23 - YY 02/06/24 - YY 07/05/23 - YY 02/09/24 - YY 07/11/23 - YY 02/13/24 - YY 07/26/23 - YY 04/17/24 - YY 07/28/23 - YY 04/25/24 - YY 08/24/23 - YY 01/25/24 - YY

FILE NAME / LOCATION

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1514 530 LYTTON Exterior.cdr

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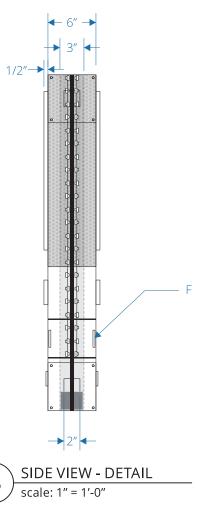
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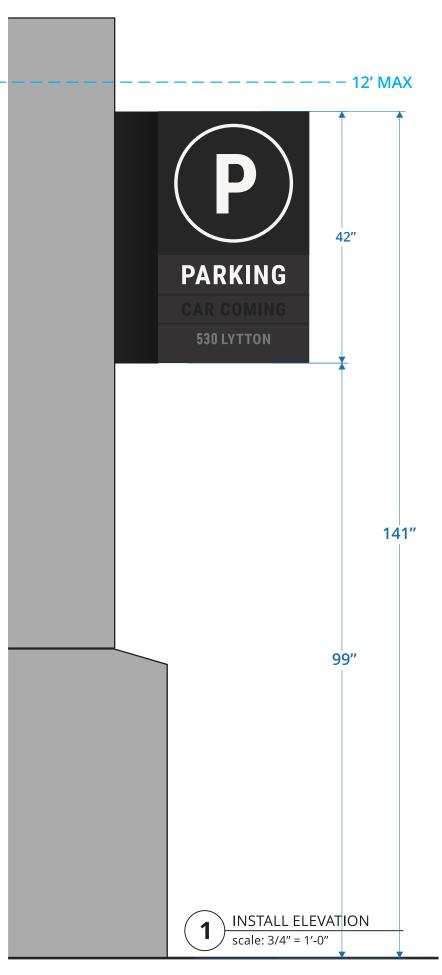
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RENDERING

scale: NTS



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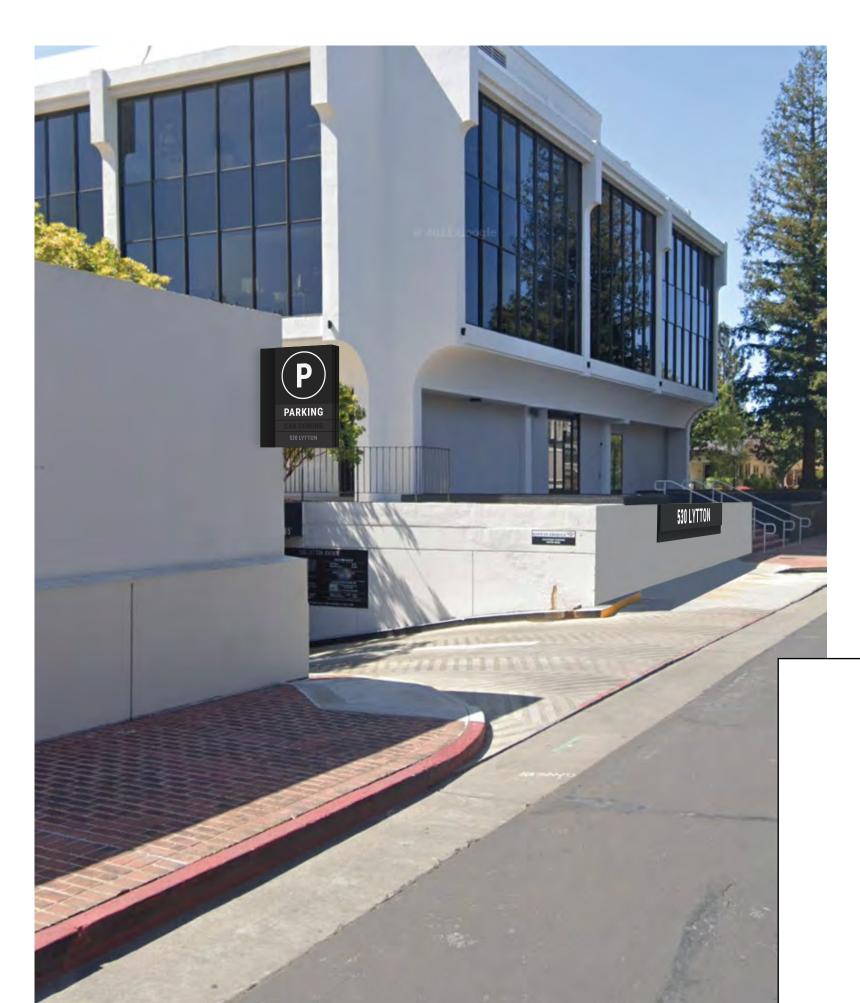
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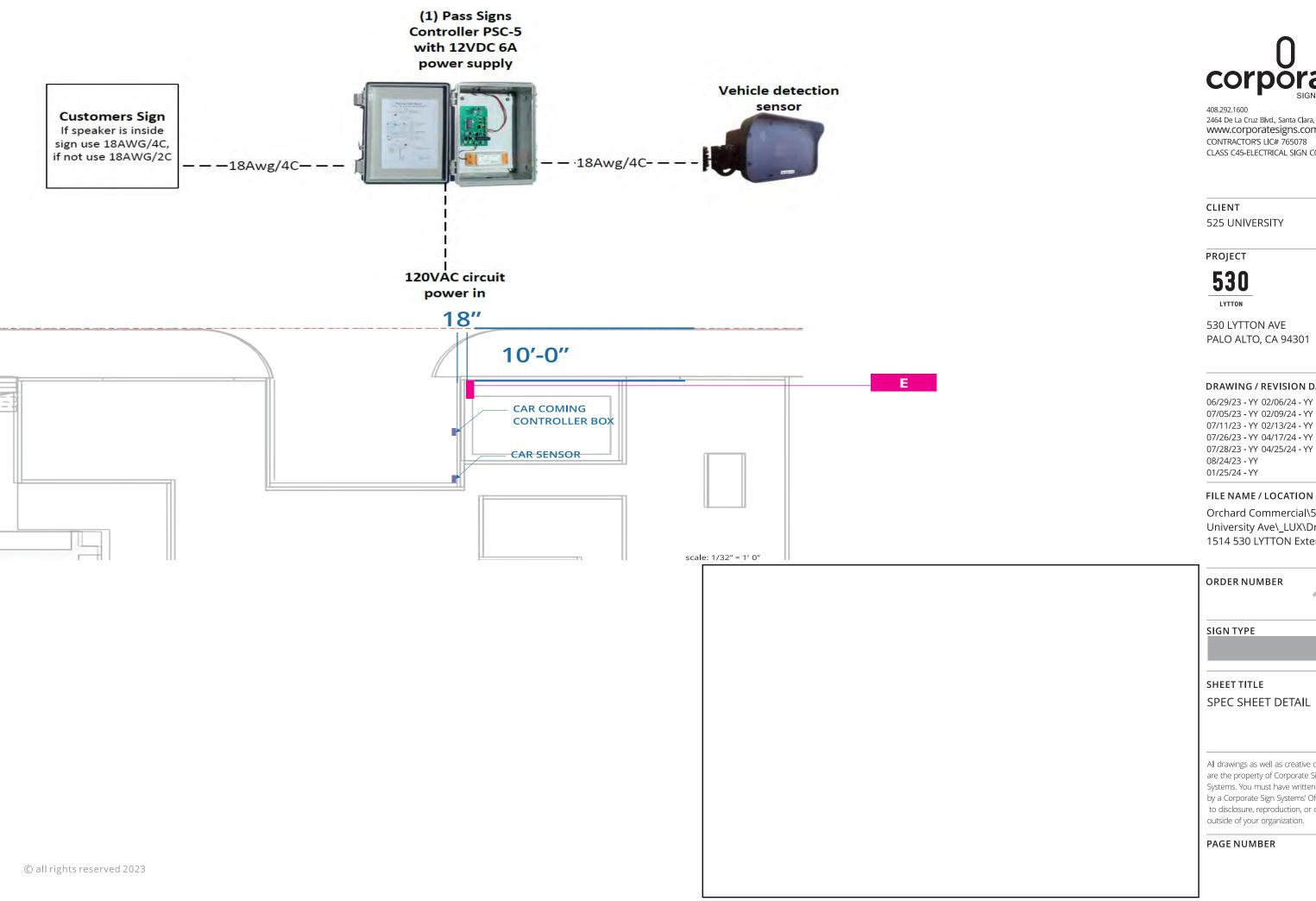
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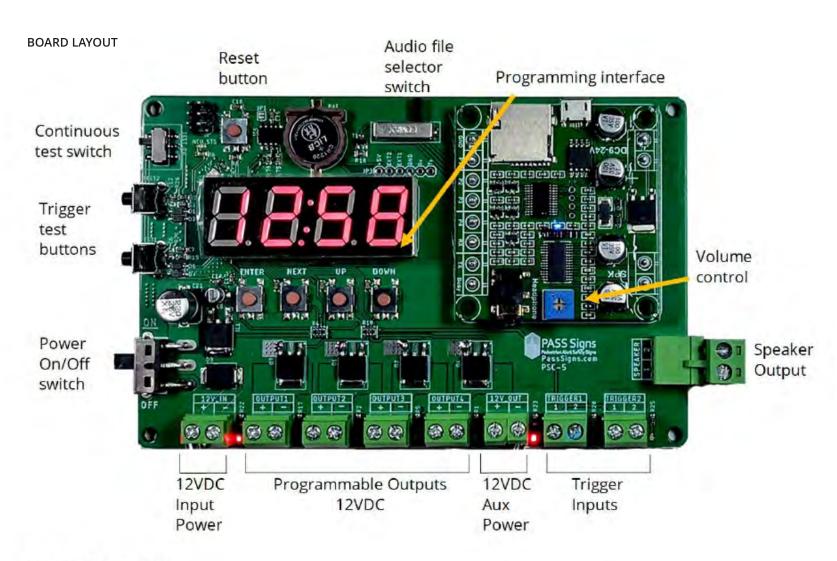
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PCS-5 WIRING AND PROGRAMMING GUIDE



Quick Features

- (4) Timed outputs programmed for either flashing or constant output
- (2) Dry inputs programmed to trigger from Normally Open or Normally Closed
- (1) Timed speaker output with volume control and (4) channel selectable audio files
- Nighttime Audio cut-off timer (turn off audio output during designated times; example 8pm to 7am)
- Real-time clock onboard with programmable interface



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VEHICLE MOTION DETECTOR - DIRECTIONAL LOGIC

PART NUMBER: PS-VMD-DL
USED TO DETECT MOTION IN AN AREA FROM 10'X10' TO
21'X28' IN FRONT OF THE MOTION



Applications:

- Activating Parking Alert Signs for vehicles
- · Activating roll-up doors, barriers, and gates
- Activating Parking Alert Signs for pedestrians
- Activating alarms
- Activating light control systems
- Wrong-way vehicle traffic
- Wrong-way pedestrian traffic

Start up takes 30 seconds Green LED - Detection of Vehicle Red LED - Detection of Pedestrian

Wiring & Connections to PASS Signs Controller (see page 3 for terminations)

Sensor Wire	Function	Pass Signs Control Board Connection
Red	V+ (12-36V)	12V+ Out
Black	V- (12-36V)	12V- Out
White	Relay 1 NO	Trigger1
Yellow	Relay 1 COM	Trigger1
Brown	Relay 1 NC	
Blue	Relay 2 NO	Trigger1
Green	Relay 2 COM	Trigger1
Grey	Relay 2 NC	
	Red Black White Yellow Brown Blue Green	Red V+ (12-36V) Black V- (12-36V) White Relay 1 NO Yellow Relay 1 COM Brown Relay 1 NC Blue Relay 2 NO Green Relay 2 COM

Direction Recognition from sensor:	Mode 1: Motion forward Mode 2: Motion backwards Mode 3: Motion in both directions
Mounting Height:	6ft ~ 28ft
Mounting Type:	Wall or Ceiling, 0° to 90°
Detection Area:	Min 10ft(w) x 10ft(d) at 6ft height Max 21ft(w) x 28ft(d) at 28ft height
Relay Info	Holding time2, .5, 1, 2, 5 secs 24VDC@1.0A 125VAC@0.5A

Function 1: Directional Logic Vehicle Motion Detection

Detects ONLY cars and ONLY in a single direction. This prevents false detection from pedestrians walking through the area and vehicles traveling in the opposite direction.

Vehicle Applications:

- Activating vehicle exit signs
- Activating ramp warning signs
- Activating traffic control systems
- Opening garage or roll-up doors

Function 2: Directional Logic Pedestrian Motion Detection

Detects ONLY pedestrians and ONLY in a single direction. This prevents false detection from pedestrians walking opposite direction or crossing the zone.

Pedestrian Applications:

- Activating pedestrian detection systems
- Activating storefront automatic doors
- Activating crosswalk systems

Application technology	Doppler radar
Transmission frequency	24.125GHz
Transmission power	<20dBm
Detection speed	2.0in/s – 15.5mph
Operation current	<100mA
Power frequency	50Hz
Temperature range	-22 ºF ~ + 140 ºF
Relative humidity	0% to 95%, no condensation
Protection grade	IP65
Relay output	24VDC@1.0A 125VAC@0.5A
External dimensions	6.46in x 4.37in x 3.72in
Cable length	23ft
Sensor weight	1.5lbs



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^{**}Ceiling mounting: turn back bracket over, see page 3.

EXISTING SIGN TO BE REMOVED (38.5 SF)





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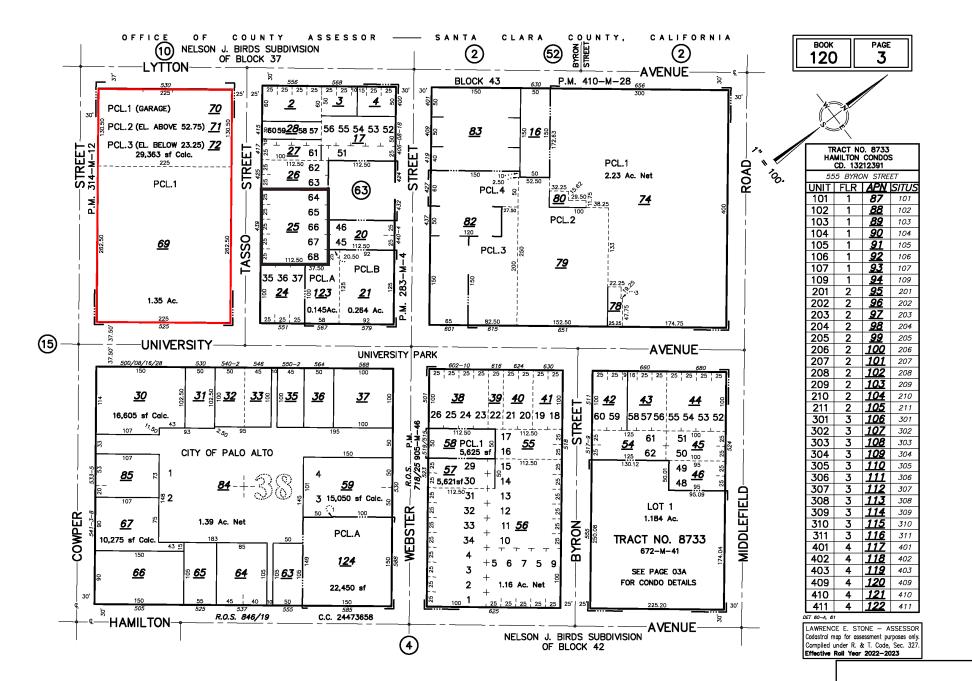
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