



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
07/03/2024
Design + Build.



408.292.1600
2464 De La Cruz Blvd., Santa Clara, CA 95050
www.corporatesigns.com
CONTRACTOR'S LIC# 765078
CLASS C45-ELECTRICAL SIGN CONTRACTOR

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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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University Ave_LUX\Drawings\
1514 530 LYTTON Exterior.cdr

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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	SIGN TYPE	PROPOSED SF	x QTY PROPOSED	x QTY ALLOWED	SIGN AREA ALLOWED	= TOTAL SIGN AREA USED
FT	SF	C. PROPERTY ID (WALL SIGN)	40.5 SF	1	ANY	150 SF (TOTAL AGGREGATE OF ALL WALL SIGNS)	40.5 SF
393 FT		D. OVERHEAD PARKING ID (WALL SIGN)	22.95 SF	1	ANY	150 SF (TOTAL AGGREGATE OF ALL WALL SIGNS)	22.95 SF
						SUBTOTAL =	63.45 SF

SIGN TYPE	PROPOSED SF	x QTY PROPOSED	x QTY ALLOWED	SIGN AREA ALLOWED	= TOTAL SIGN AREA USED
A. PRIMARY MONUMENT ID (DIRECTORY)	13.85SF	1	2	REPLACING EXISTING LIKE-FOR-LIKE	13.85 SF
E. PARKING MONUMENT ID	7.36 SF	1	N/A	N/A	7.36 SF
					SUBTOTAL = 21.21 SF
					TOTAL = 84.66 SF



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CALCULATIONS

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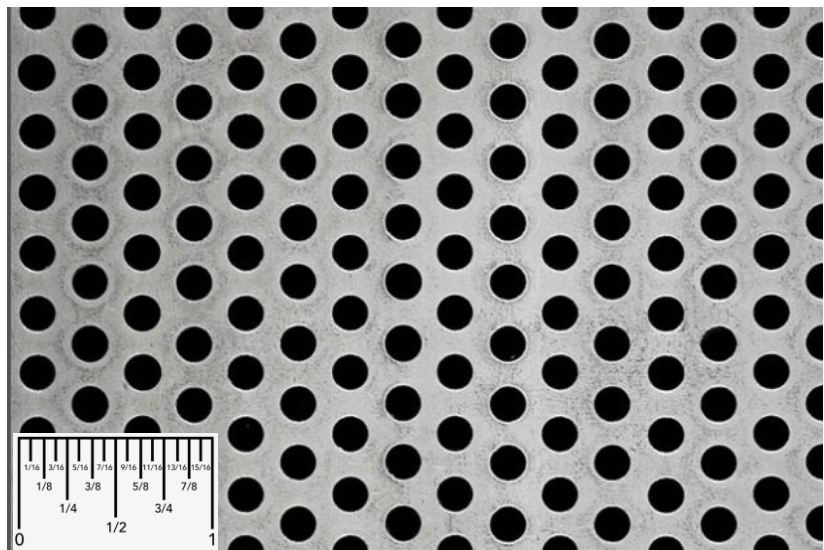
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BRAND ARTWORK



ICON/SYMBOLS



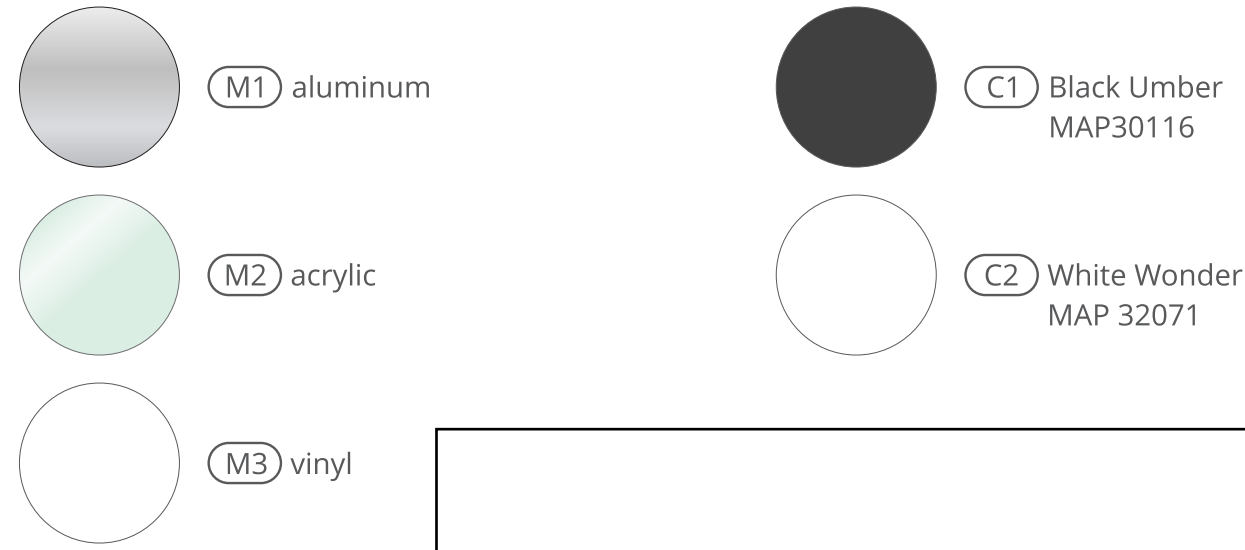
3/16" ROUND ON 5/16" STAGGER CENTERS
1/8" BAR, 11.95 HPSI, 33% OPEN AREA
ALUMINUM ALLOY 3003-H14

FONTS

Roboto Condensed ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Roboto Condensed Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

MATERIAL AND COLOR SCHEDULE



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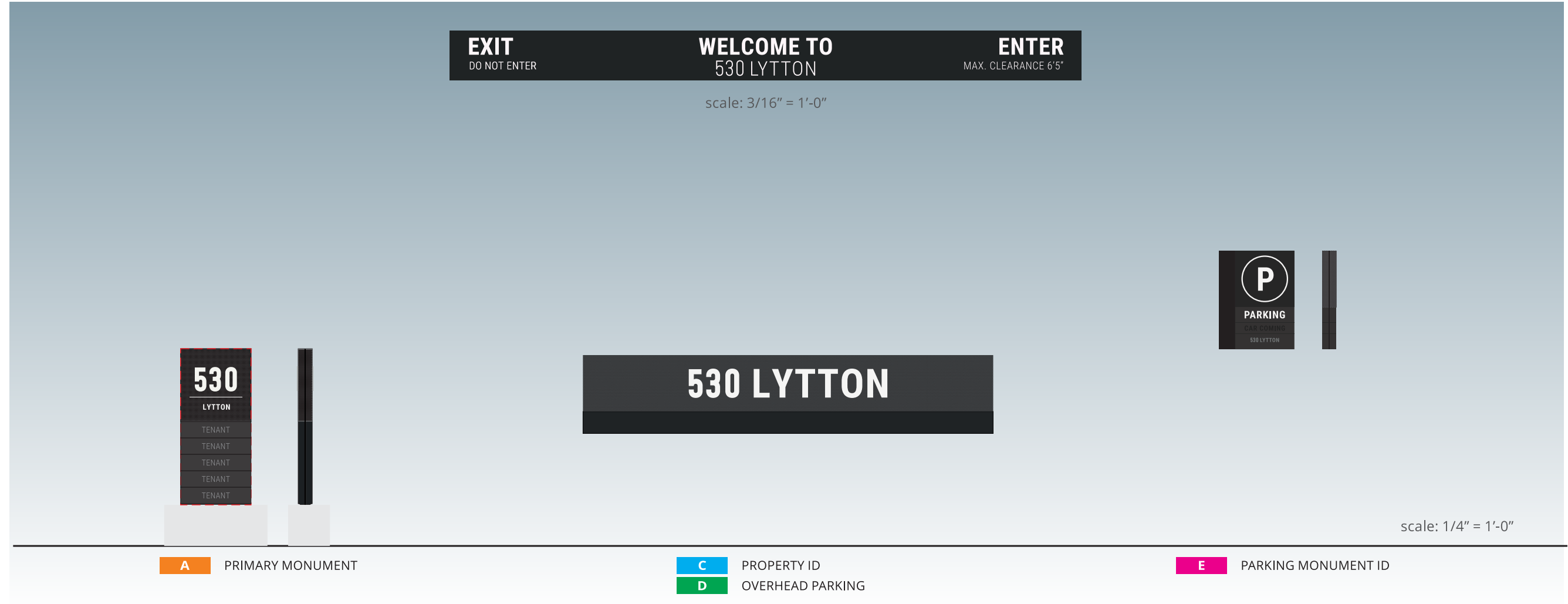
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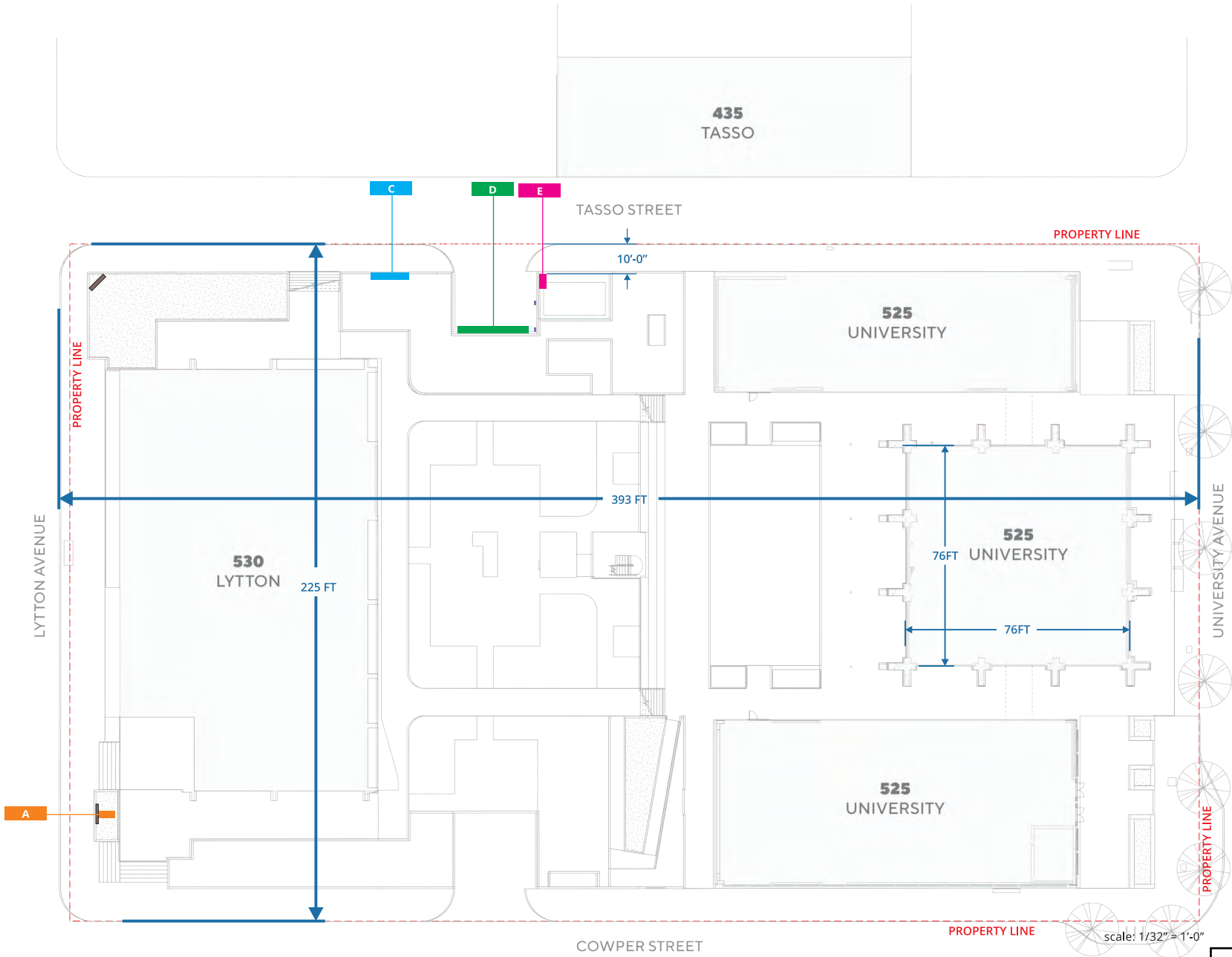
SIGN ELEMENTS

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- A PRIMARY MONUMENT
- C PROPERTY ID
- D OVERHEAD PARKING
- E BLADE PARKING

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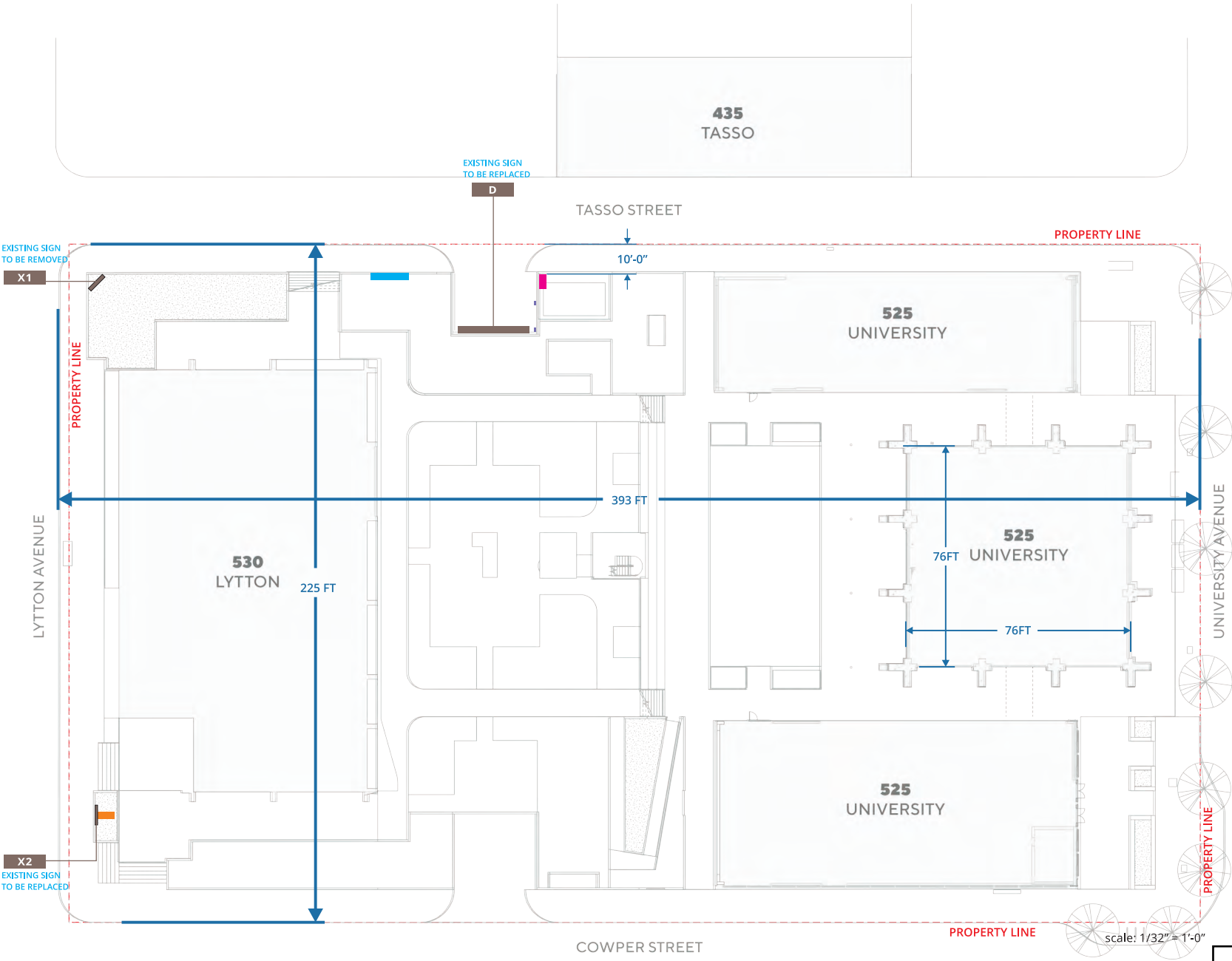
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LOCATION PLAN - PROPOSED

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- D
- OVERHEAD PARKING
- X
- EXISTING SIGN

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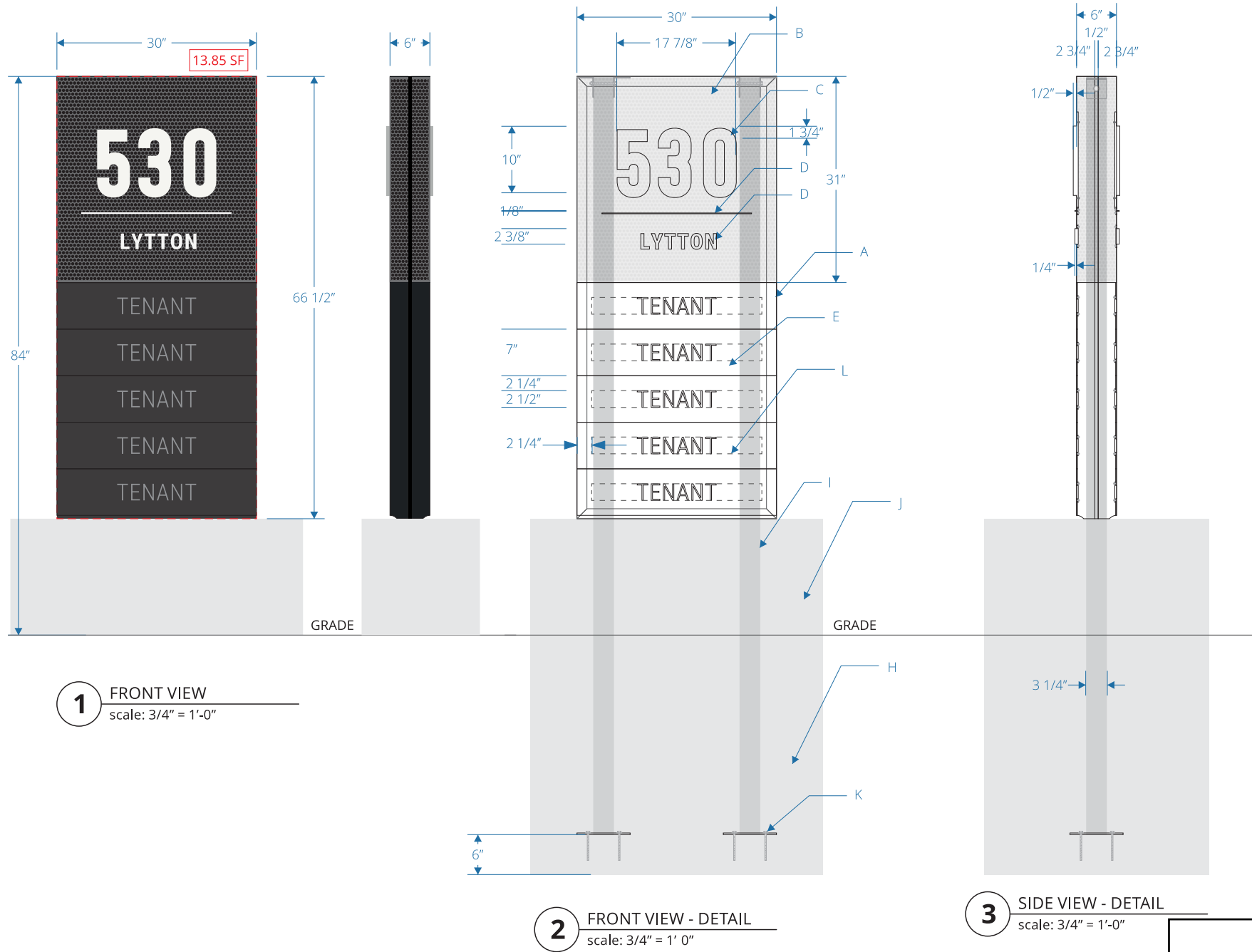
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LOCATION PLAN - DEMO

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DOUBLE SIDED SIGN QTY: 1

A. 66 1/2" h x 30" w x 6" d -3 1/4" d fabricated aluminum cabinet, painted C1 black umber

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

C. 10" h x 1/2" thick FCO acrylic address number id, painted C2 white wonder

D. 2 3/8" h x 1/4" thick FCO acrylic lettering and 1/8" rule line, painted C2 white wonder

E. 7" h x 30" w removable tenant panel, painted C1 black umber; with 2 1/2" h x 1/4" d flush face acrylic push thru tenant name, painted C2 white wonder

H. concrete footing (see engineering page for detail)

I. 3" x 3" aluminum tube post with 1/2" dia galvanized steel thru bolt

J. concrete planter by OTHERS

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

L. Tenant name guidelines; to be in project color but may also use their registered corporate font but no logo forms. In the case that the tenant does not have a corporate font, the default should be the project font Roboto Condensed.



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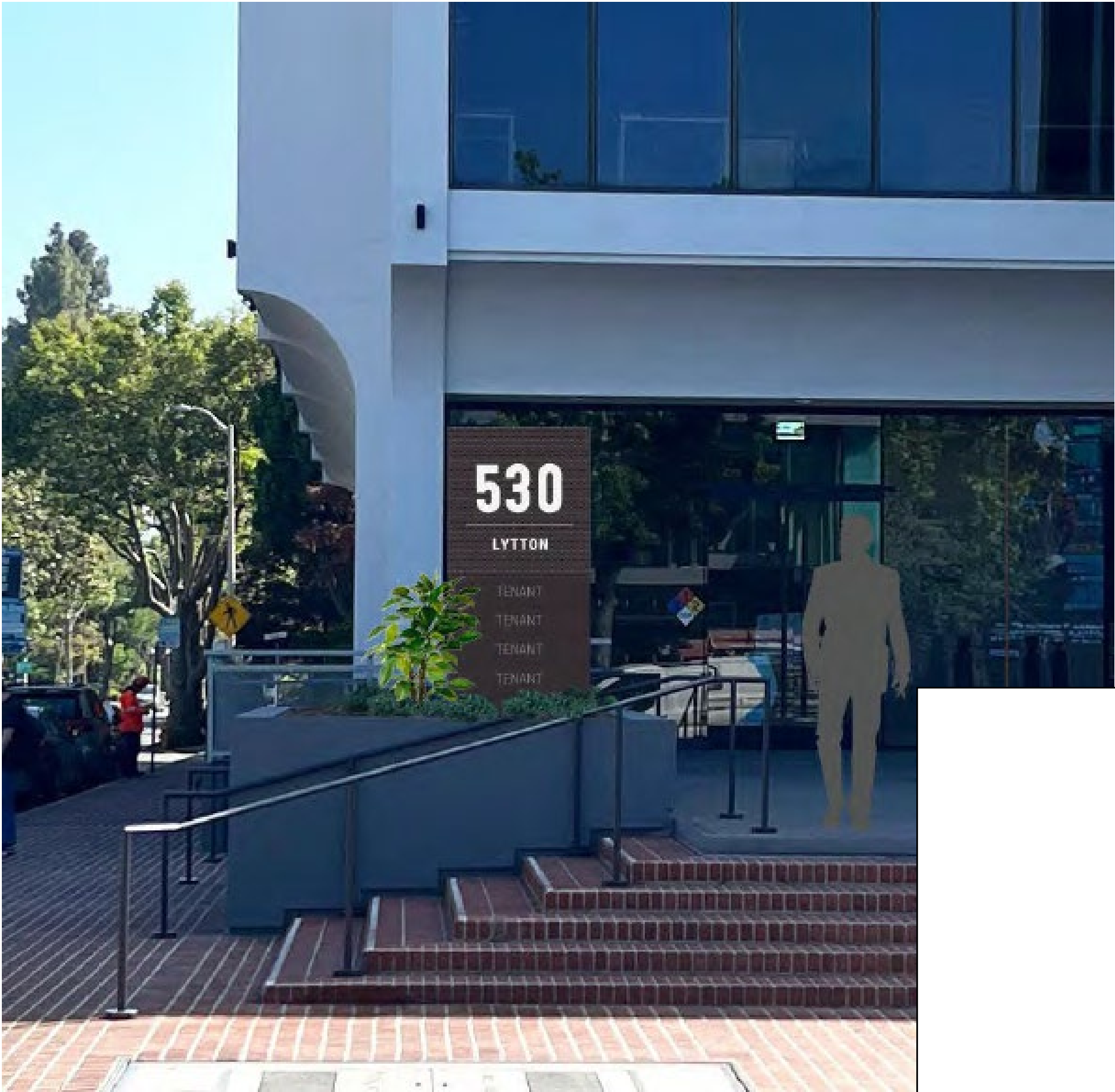
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SIGN TYPE
A

SHEET TITLE
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)



X2

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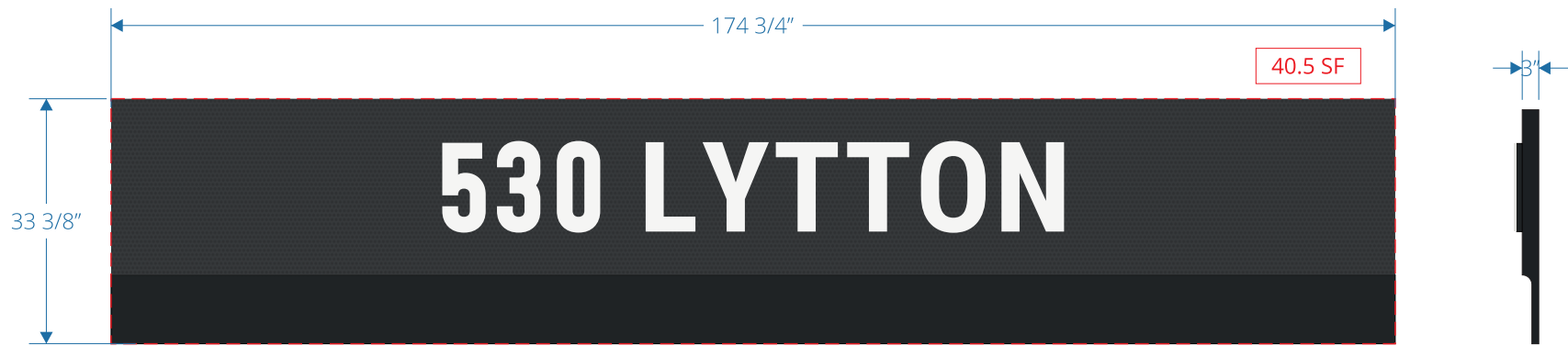
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SIGN TYPE
A

SHEET TITLE
PRIMARY MONUMENT
(PHOTO ELEVATION)

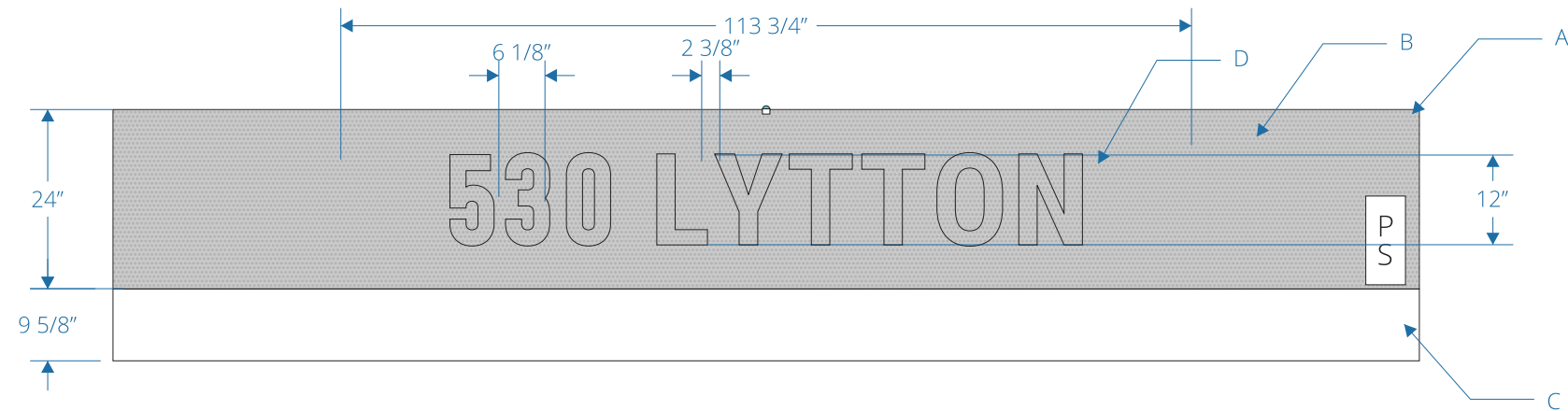
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1 FRONT VIEW
scale: 1/2" = 1'-0"

2 SIDE VIEW
scale: 3/8" = 1'-0"



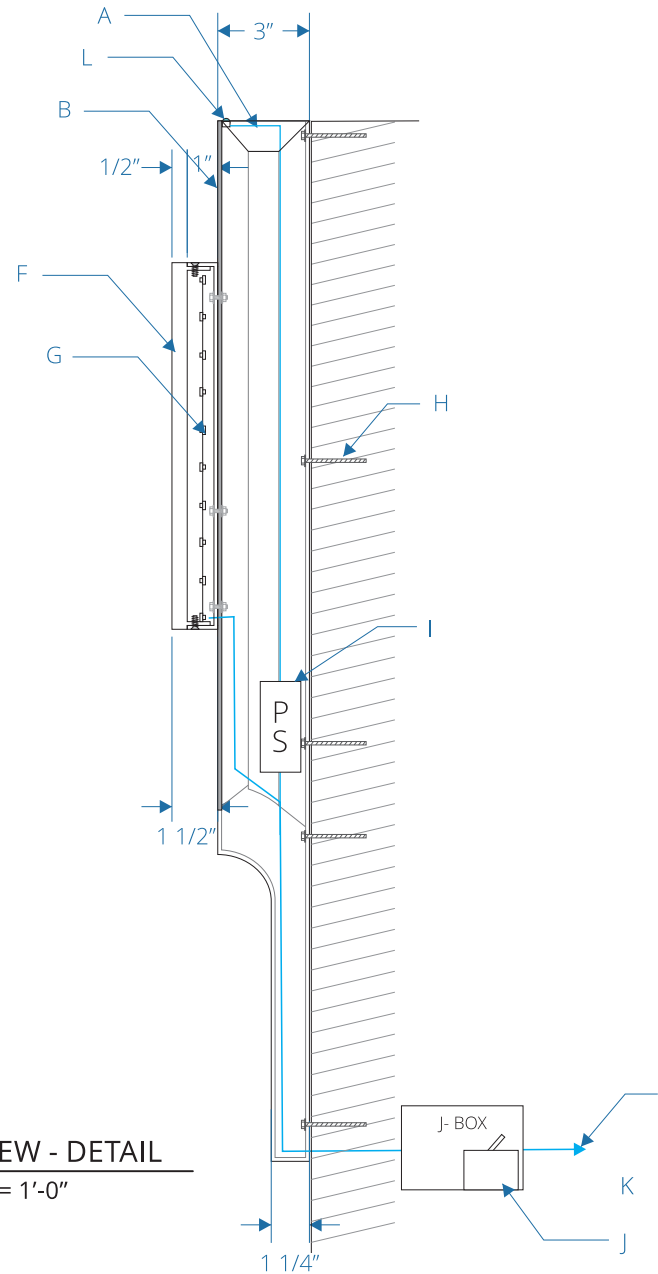
3 FRONT VIEW - DETAIL
scale: 1/2" = 1'-0"

DESCRIPTION QTY: 1

- A. 33 3/8"h x 174 3/4"w x 3"d - 1 1/2"d fabricated aluminum cabinet with face perforated on the top portion, painted C1 umber black
- B. 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. 12"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
- H. attached to existing wall with tapcon concrete anchor
- I. 110v-277v ul listed power supply
- J. christy box and disconnect switch box by others
- K. primary line 110-277v on dedicated circuit 20AMP by others
- L. photocell

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 SIDE VIEW - DETAIL
scale: 2" = 1'-0"



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SIGN TYPE

C

SHEET TITLE

PROPERTY ID

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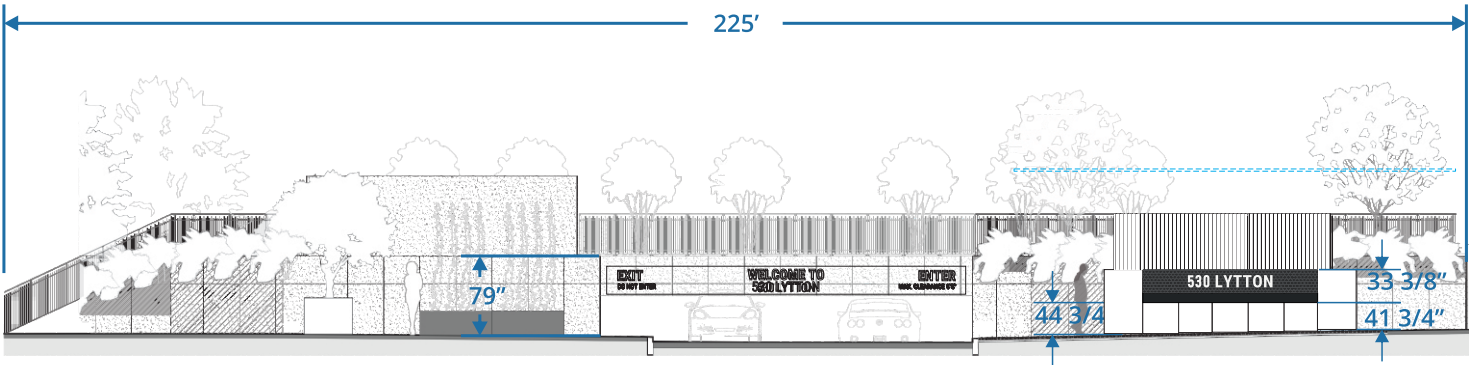
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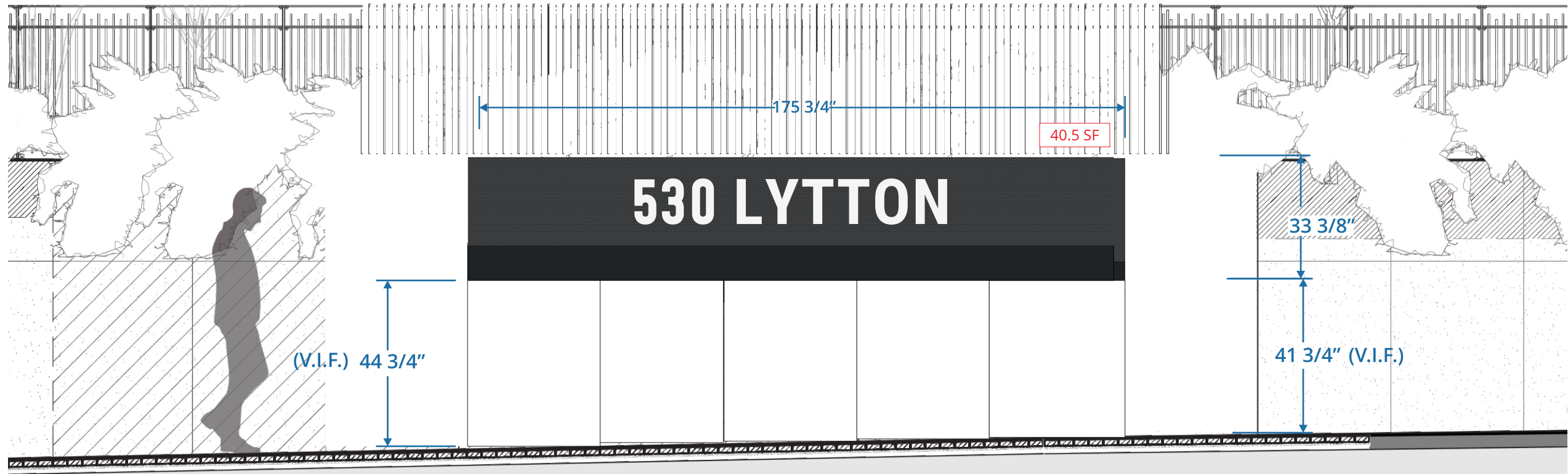
5

RENDERING
scale: NTS



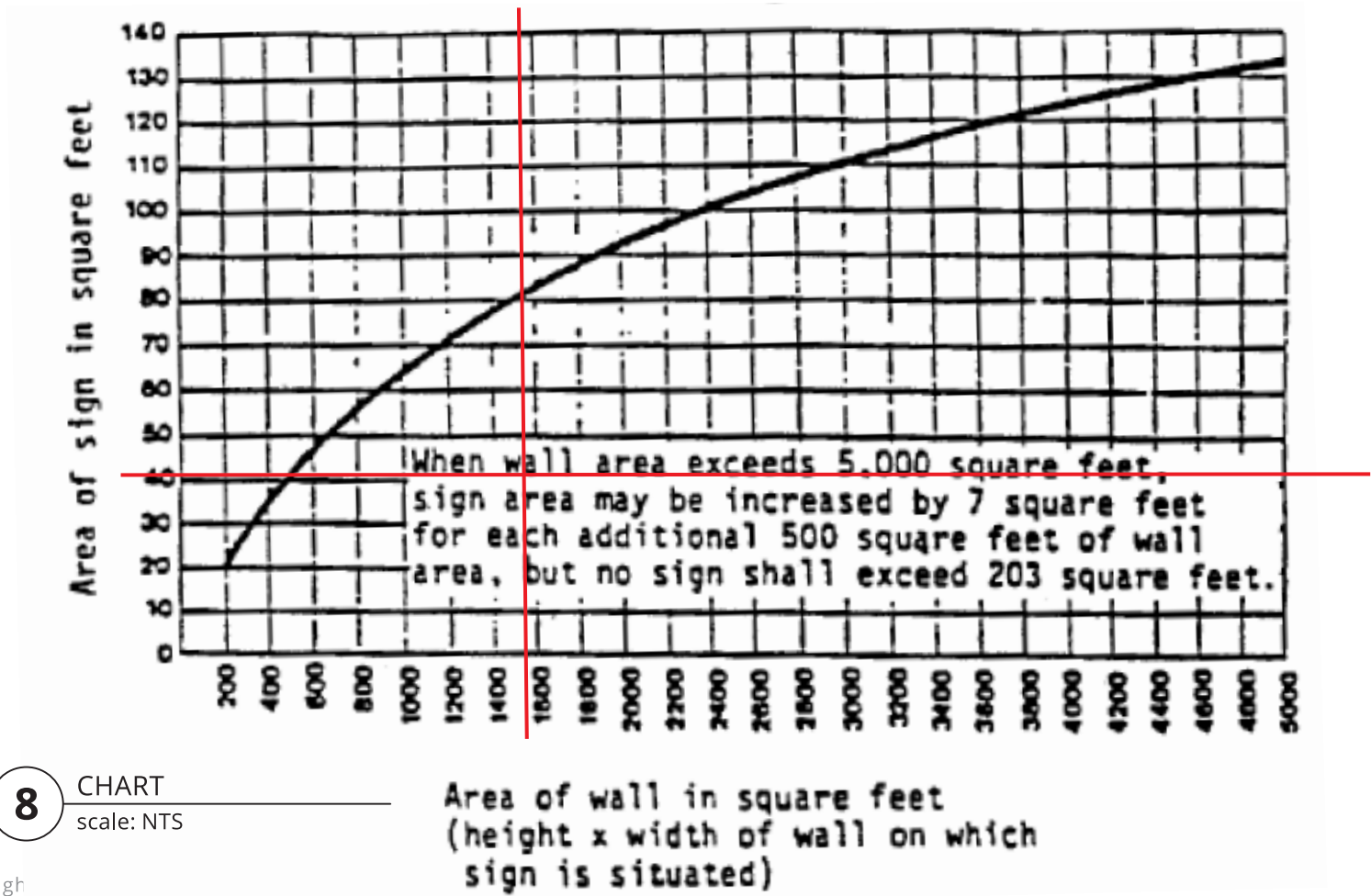
6

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



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

WALL SIGNS: COMBINED SIGN TYPE C AND SIGN TYPE D



8 CHART
scale: NTS

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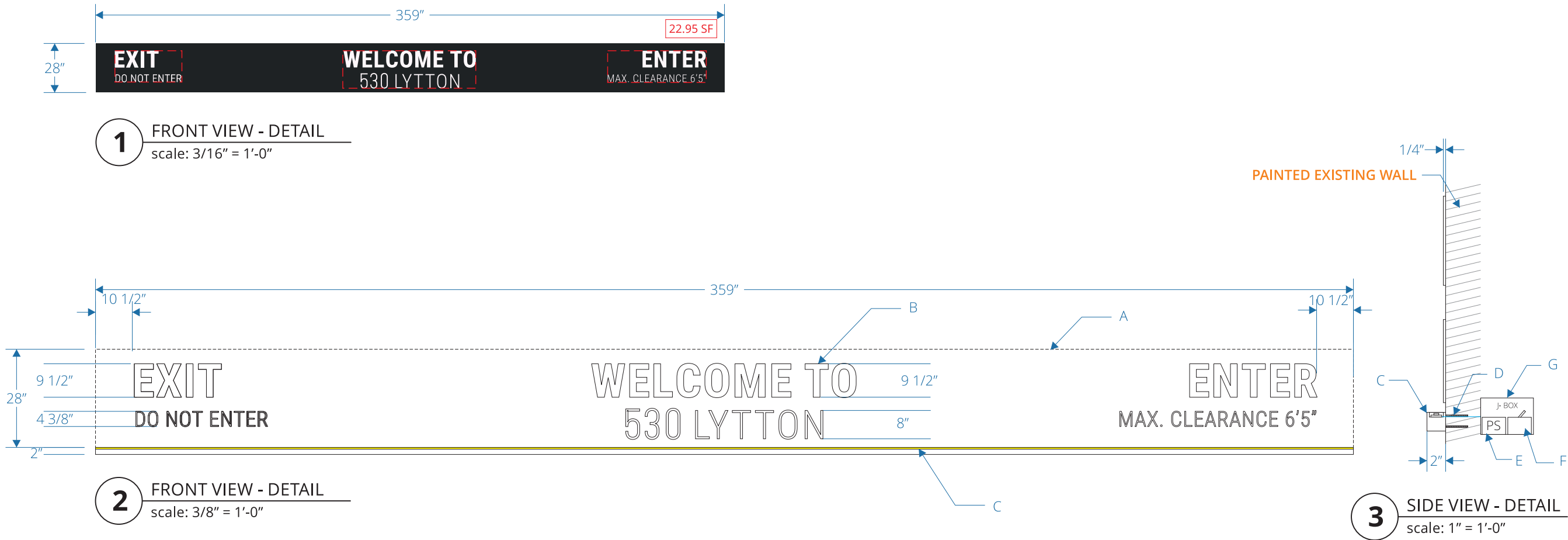
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SIGN TYPE

D

SHEET TITLE

OVERHEAD PARKING ID

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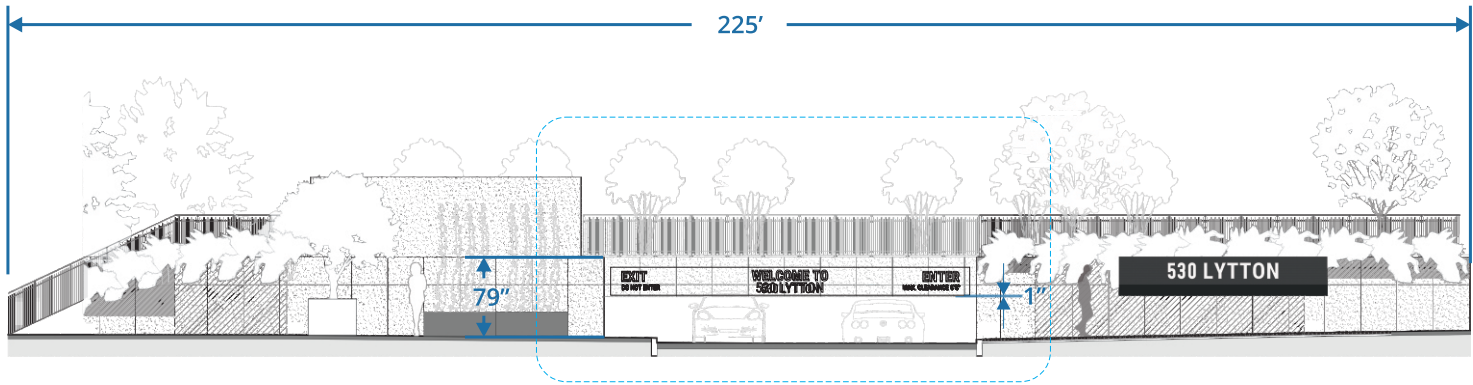
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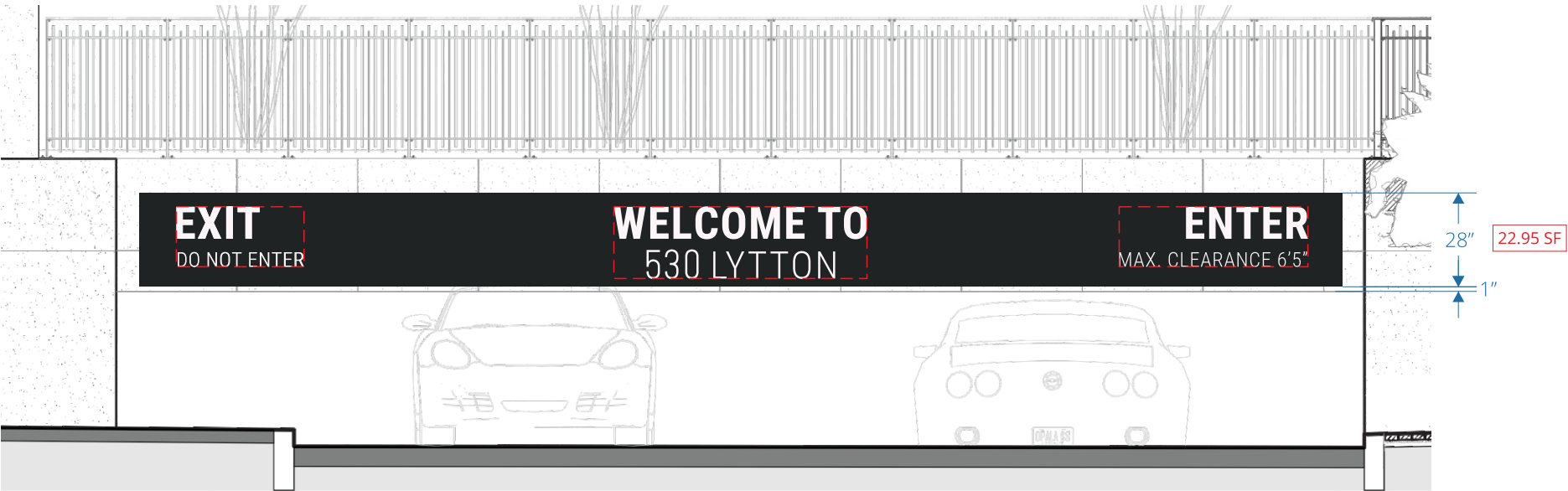


4 ELEVATION
scale: 1/4" = 1'-0"

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	



5 ELEVATION
scale: 1/16" = 1'-0"



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

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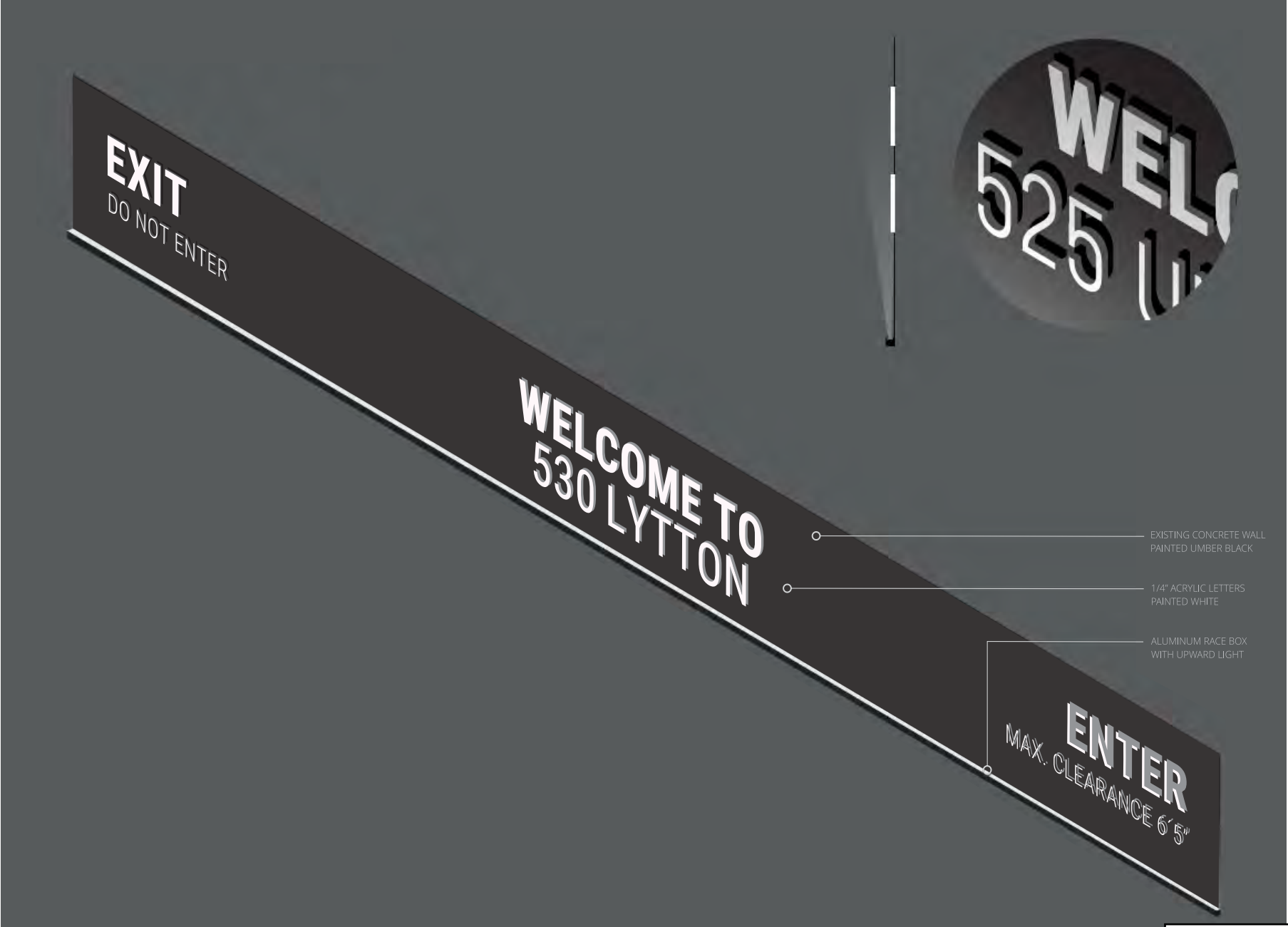
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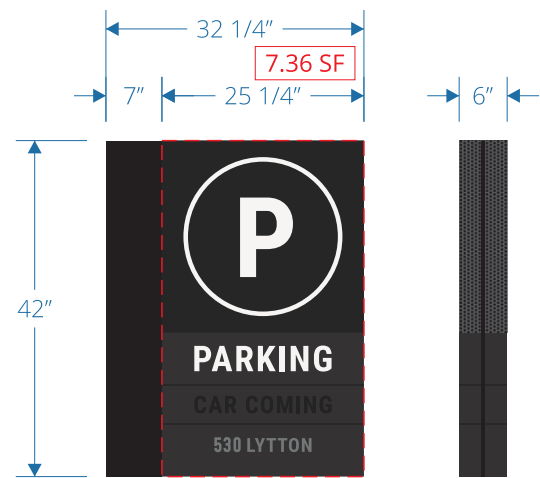
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OVERHEAD PARKING ID

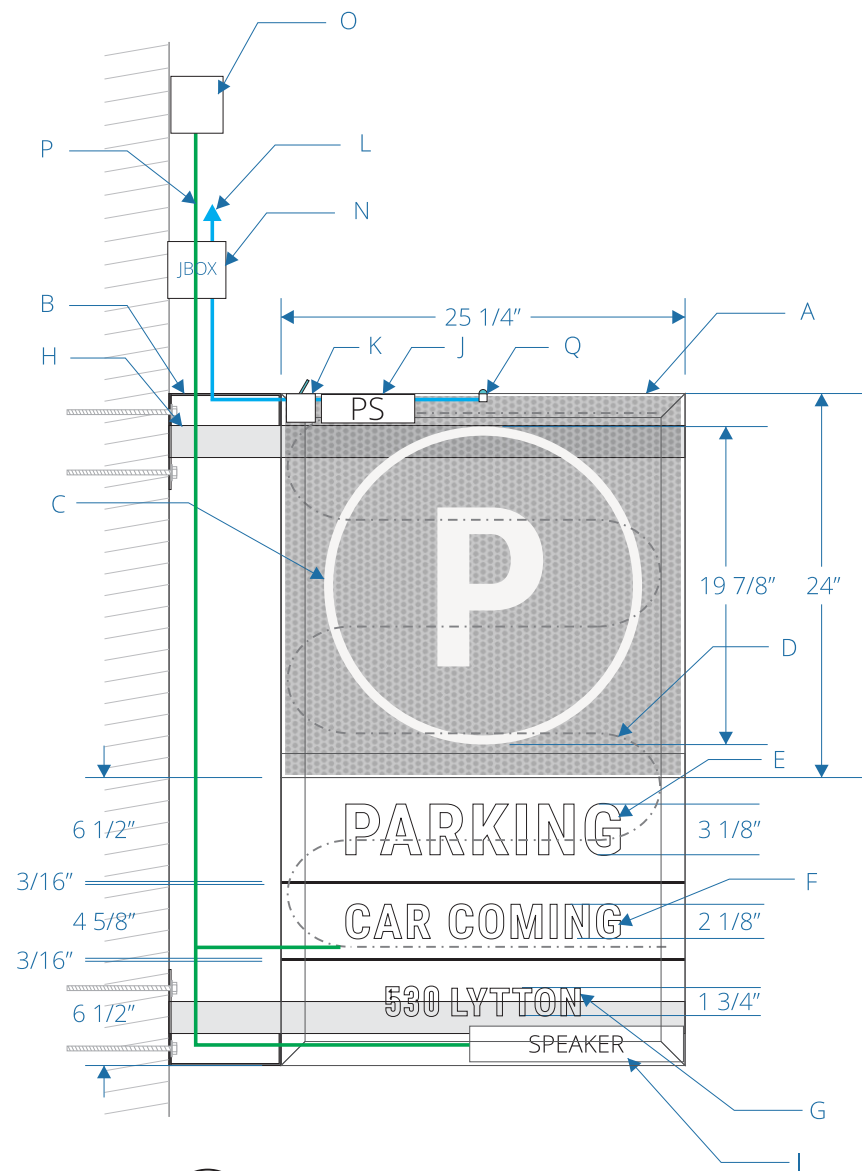
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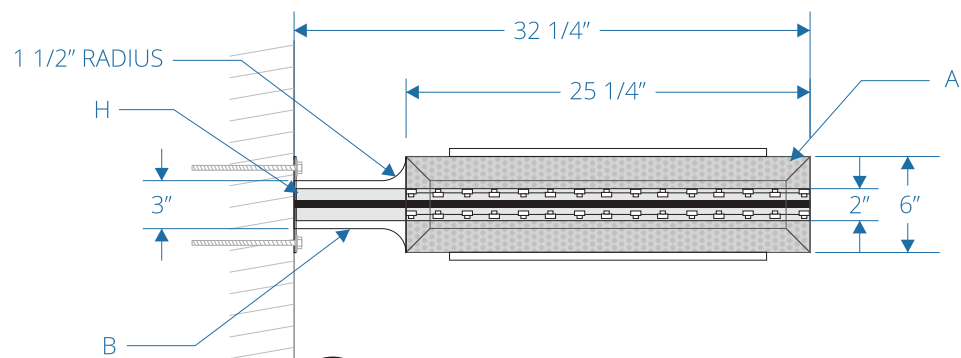


1 FRONT VIEW
scale: 1/2" = 1'-0"

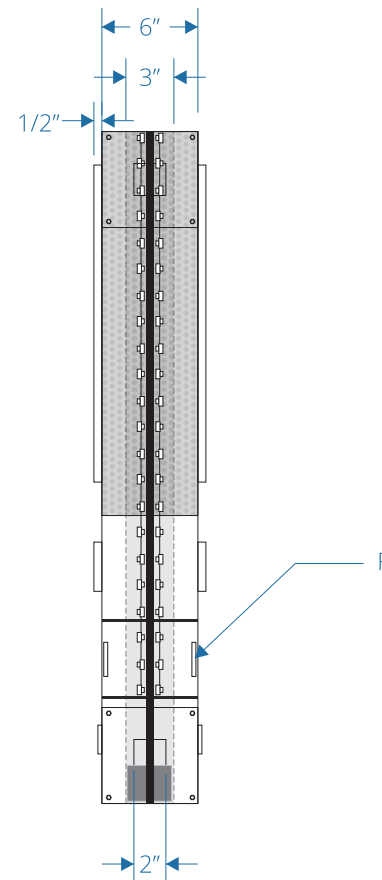


2 FRONT VIEW - DETAIL
scale: 1" = 1'-0"

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 TOP VIEW
scale: 1" = 1'-0"



3 SIDE VIEW - DETAIL
scale: 1" = 1'-0"

DESCRIPTION

QTY: 1

- A.** 42"h x 25 1/4"w x 6"d fabricated aluminum cabinet with partially 24"h x 25 1/4"w perforated panel at the top part and internally illuminated, painted C1dark gray
- 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.
- 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
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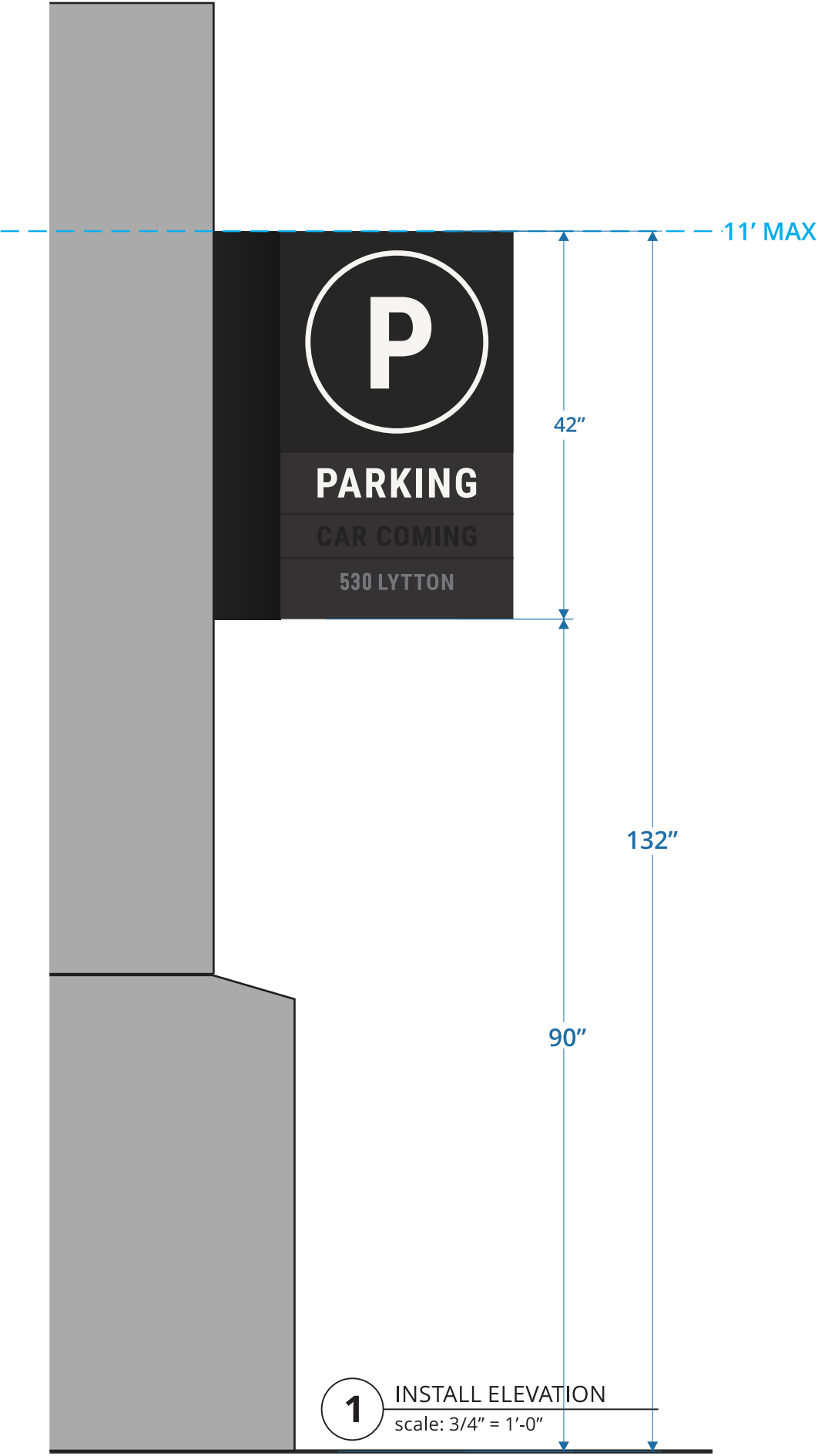
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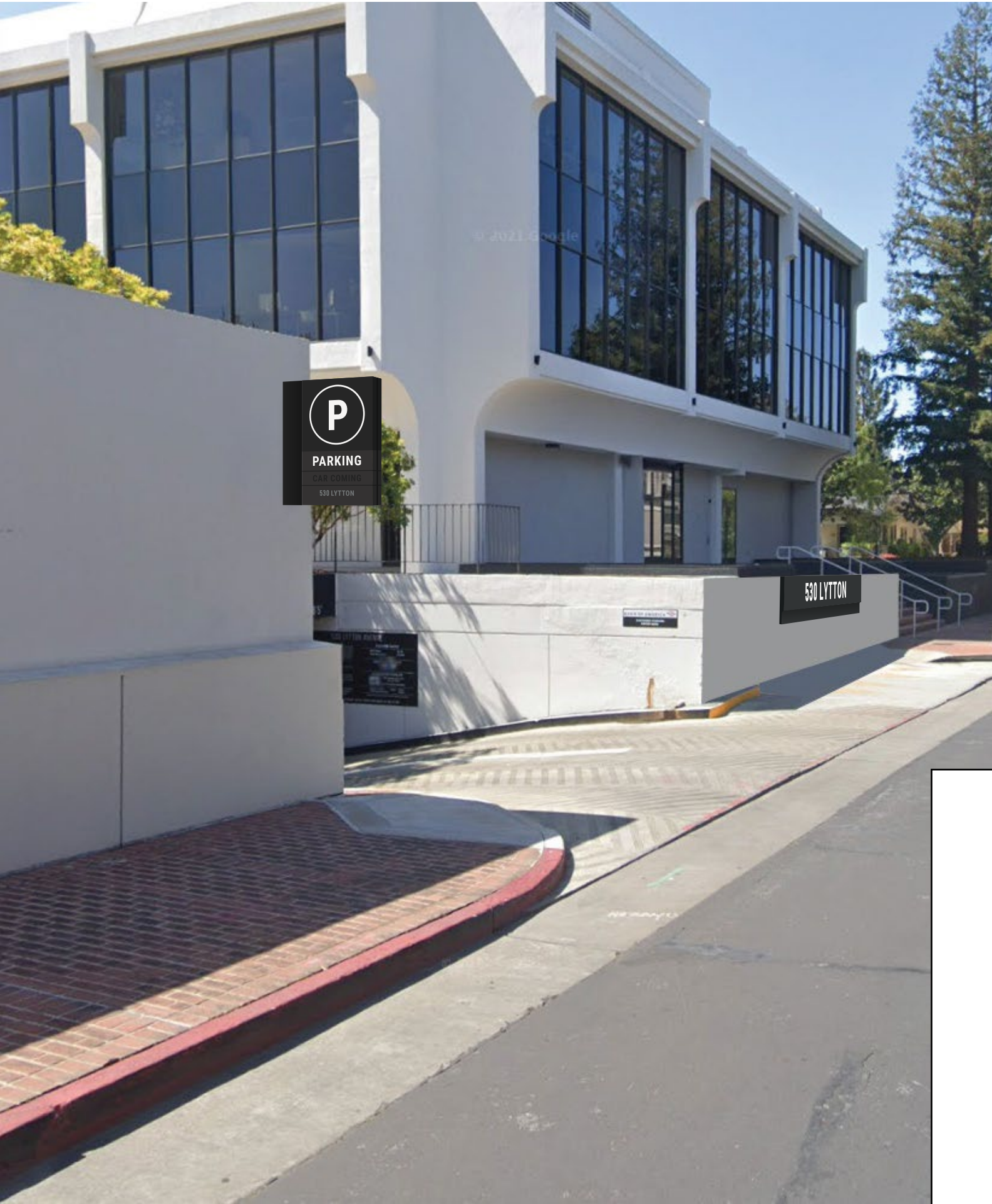
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Customers Sign
If speaker is inside
sign use 18AWG/4C,
if not use 18AWG/2C

(1) Pass Signs
Controller PSC-5
with 12VDC 6A
power supply

Vehicle detection
sensor

---18Awg/4C---

---18Awg/4C---

120VAC circuit
power in

18"

10'-0"

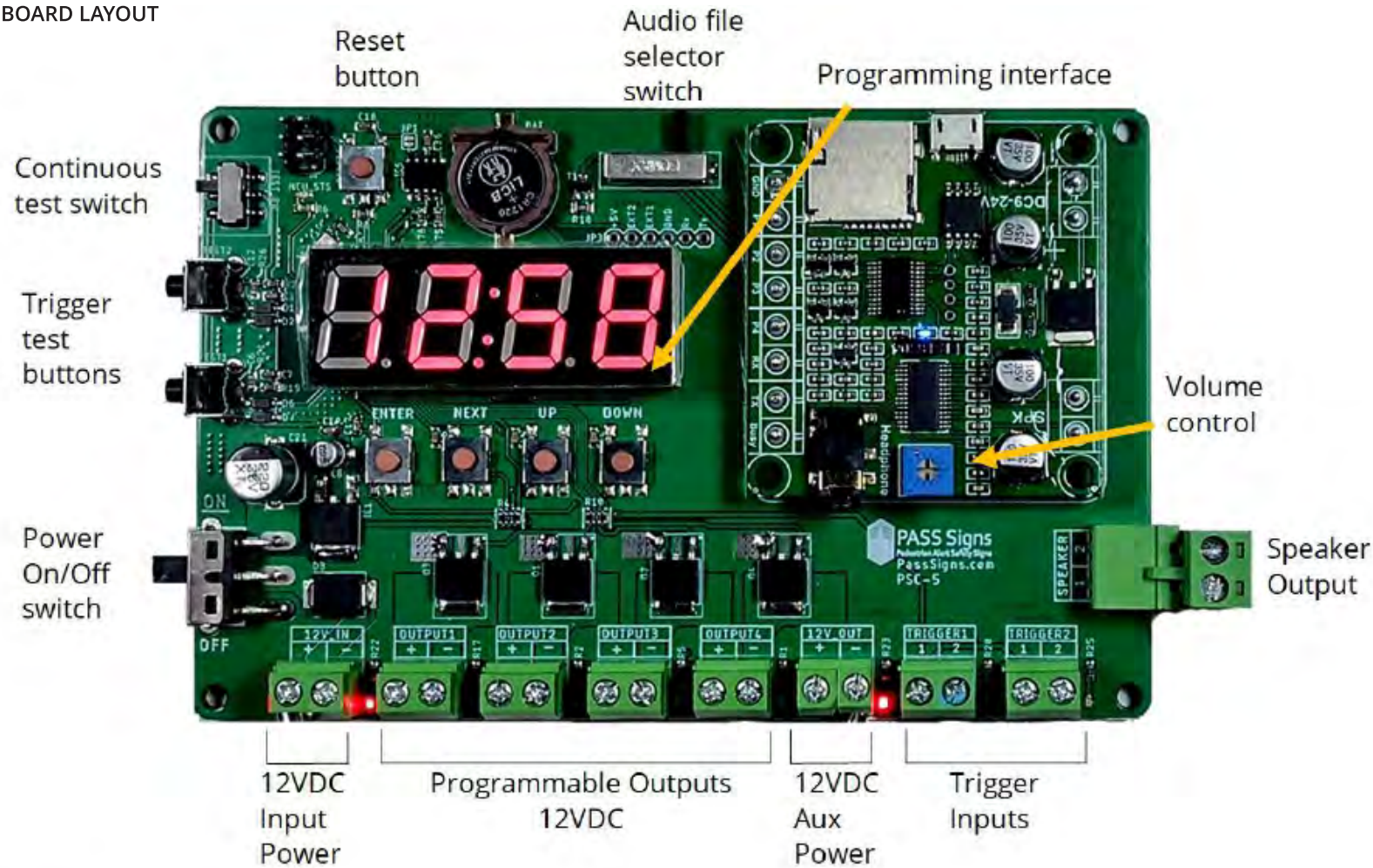
CAR COMING
CONTROLLER BOX

CAR SENSOR

E

scale: 1/32" = 1' 0"

BOARD LAYOUT



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

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

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

Vehicle Detection	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
Pedestrian Detection	Brown	Relay 1 NC	
	Blue	Relay 2 NO	Trigger1
	Green	Relay 2 COM	Trigger1
	Grey	Relay 2 NC	

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 time - .2, .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 °F ~ + 140 °F
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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EXISTING SIGN TO BE REMOVED (38.5 SF)



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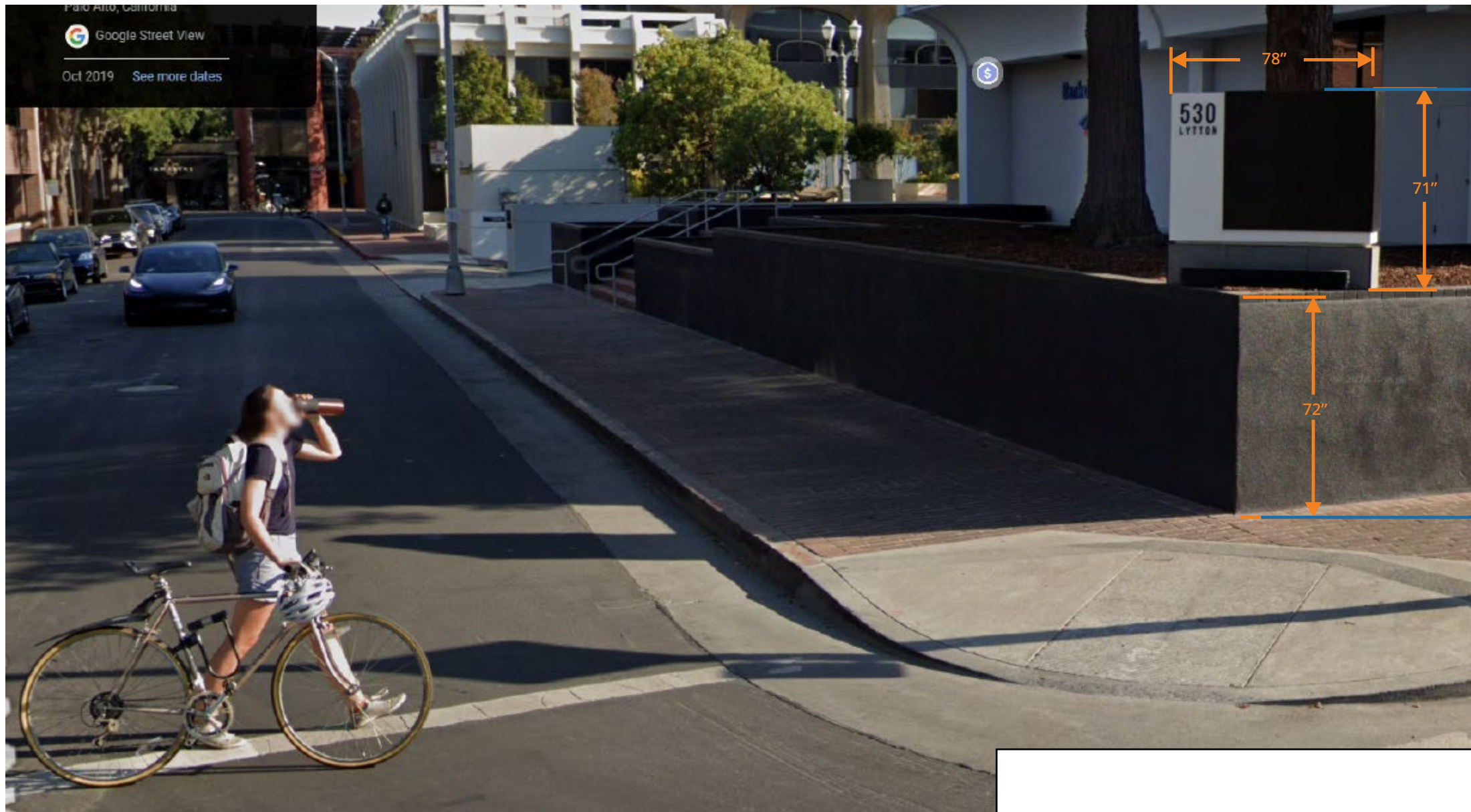
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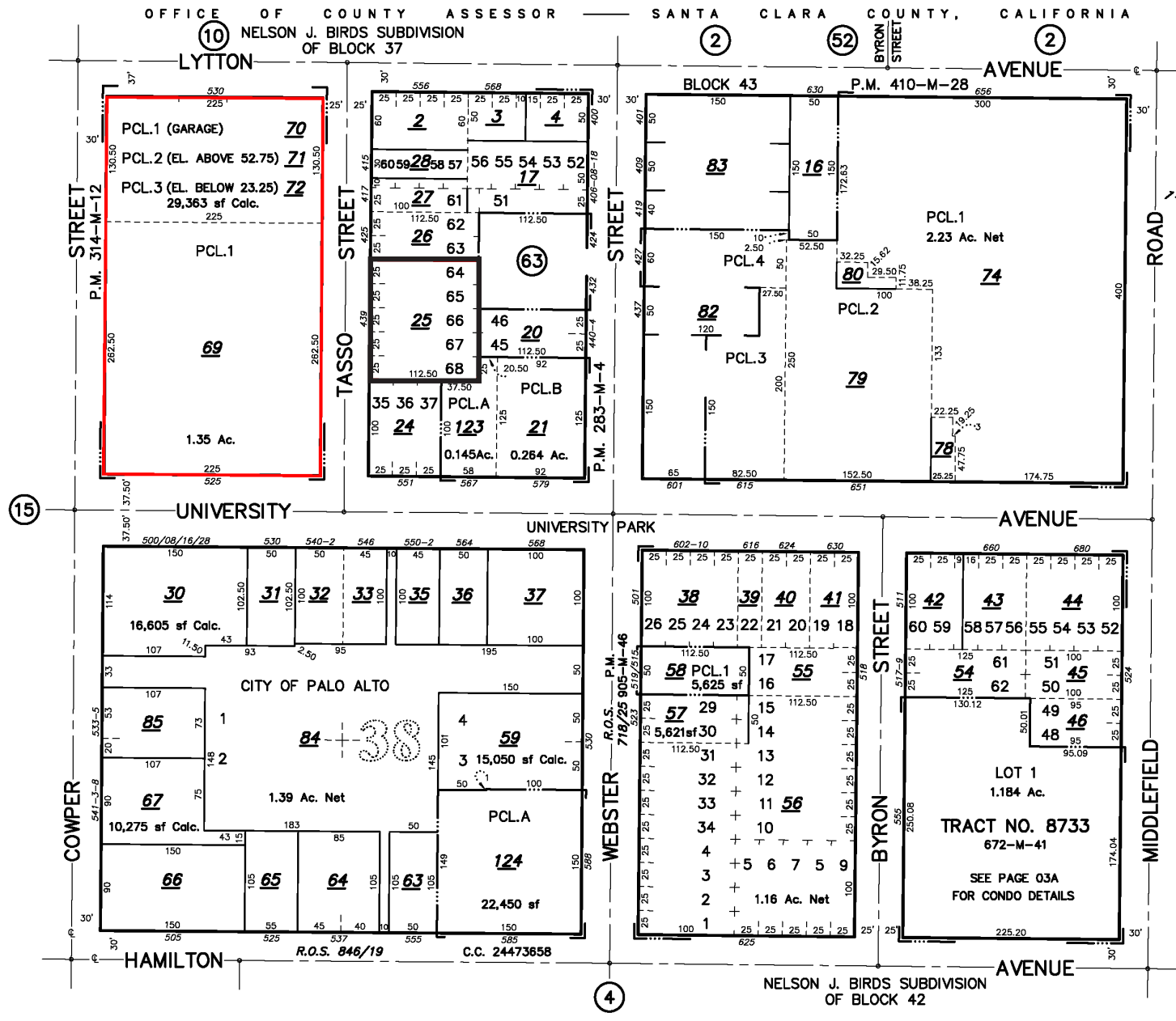
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BOOK 120	PAGE 3
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555 BYRON STREET			
UNIT	FLR	APN	SITUS
101	1	87	101
102	1	88	102
103	1	89	103
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105	1	91	105
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107	1	93	107
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311	3	116	311
401	4	117	401
402	4	118	402
403	4	119	403
409	4	120	409
410	4	121	410
411	4	122	411

DET 80-A, 61

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