



# Referral Early Consultation

**Date:** January 20, 2023

**To:** Distribution List (See Attachment A)

**From:** Kristen Anaya, Associate Planner  
Planning and Community Development

**Subject:** STAFF APPROVAL PERMIT APPLICATION NO. PLN2022-0146 –  
MCDONALD'S SIGN

**Respond By:** February 6, 2023

**\*\*\*\*PLEASE REVIEW REFERRAL PROCESS POLICY\*\*\*\***

The Stanislaus County Department of Planning and Community Development is soliciting comments from responsible agencies under the Early Consultation process to determine: a) whether or not the project is subject to CEQA and b) if specific conditions should be placed upon project approval.

Therefore, please contact this office by the response date if you have any comments pertaining to the proposal. Comments made identifying potential impacts should be as specific as possible and should be based on supporting data (e.g., traffic counts, expected pollutant levels, etc.). Your comments should emphasize potential impacts in areas which your agency has expertise and/or jurisdictional responsibilities.

These comments will assist our Department in preparing the conditions for a Staff Approval. Therefore, please list any conditions that you wish to have included as well as any other comments you may have. Please return all comments and/or conditions as soon as possible or no later than the response date referenced above.

Thank you for your cooperation. Please call (209) 525-6330 if you have any questions.

**Applicant:** Superior Electrical Advertising, Inc. on behalf of Golden State Restaurant Group

**Project Location:** 4561 Howard Road, east of Interstate 5, in the Westley area

**APN:** 016-042-013

**Williamson Act Contract:** N/A

**General Plan:** Highway Commercial / Planned Development

**Current Zoning:** Planned Development (P-D) (104)

**Project Description:** Request to replace an existing 343 square-foot informational sign, atop an 80-foot-tall freestanding pole sign, for a McDonalds quick-service restaurant, with a 279 square-foot informational sign and increase the freestanding pole sign an additional ten feet, to 90 feet tall. The project site is located on a 1.21 acre parcel in the Planned Development (P-D) (104) zoning district. The existing 80-foot-tall freestanding pole sign was approved by the Board of Supervisors on September 18, 1984 under Rezone No. 84-19. The new 279 square-foot informational cabinet will consist of an LED-lit cabinet depicting the McDonalds logo. If approved, the sign will be visible to vehicles traveling on Interstate 5. In accordance with County Code Section 21.403080 – *Planned Development District (P-D) - Amendments to the development plan* and Section 21.100.050(A), an

increase of the approved use up to 25% may be approved with a Staff Approval Permit. The new proposed height represents a 12.5% increase in height. The existing sign is located within the existing parking lot near the road frontage.

The site is improved with a quick-service restaurant with drive-thru, a paved parking lot with 46 stalls, and landscaping. The parcel is served by a public water system and on-site wastewater treatment system (OWTS) for water and wastewater services. Vehicular access to the site is taken off County-maintained Howard Road and a privately maintained section of Ingram Creek Road. No additional modifications to the site are requested as part of this request.

Full document with attachments available for viewing at:  
<http://www.stancounty.com/planning/pl/act-projects.shtm>



**DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT**

1010 10<sup>TH</sup> Street, Suite 3400, Modesto, CA 95354  
Planning Phone: (209) 525-6330 Fax: (209) 525-5911  
Building Phone: (209) 525-6557 Fax: (209) 525-7759

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**STAFF APPROVAL PERMIT APPLICATION NO. PLN2022-0146 – MCDONALD’S SIGN**

Attachment A

Distribution List

X	CA DEPT OF TRANSPORTATION DIST 10	X	STAN CO BUILDING PERMITS DIVISION
X	IRRIGATION DIST: TURLOCK	X	STAN CO PUBLIC WORKS
X	STANISLAUS FIRE PREVENTION BUREAU	X	CROP DUSTERS
X	PACIFIC GAS & ELECTRIC		

**STANISLAUS COUNTY  
CEQA REFERRAL RESPONSE FORM**

**TO:** Stanislaus County Planning & Community Development  
1010 10<sup>th</sup> Street, Suite 3400  
Modesto, CA 95354

**FROM:** \_\_\_\_\_

**SUBJECT: STAFF APPROVAL PERMIT APPLICATION NO. PLN2022-0146 –  
MCDONALD'S SIGN**

Based on this agency's particular field(s) of expertise, it is our position the above described project:

- \_\_\_\_\_ Will not have a significant effect on the environment.
- \_\_\_\_\_ May have a significant effect on the environment.
- \_\_\_\_\_ No Comments.

Listed below are specific impacts which support our determination (e.g., traffic general, carrying capacity, soil types, air quality, etc.) – (attach additional sheet if necessary)

- 1.
- 2.
- 3.
- 4.

Listed below are possible mitigation measures for the above-listed impacts: *PLEASE BE SURE TO INCLUDE WHEN THE MITIGATION OR CONDITION NEEDS TO BE IMPLEMENTED (PRIOR TO RECORDING A MAP, PRIOR TO ISSUANCE OF A BUILDING PERMIT, ETC.):*

- 1.
- 2.
- 3.
- 4.

In addition, our agency has the following comments (attach additional sheets if necessary).

\_\_\_\_\_  
\_\_\_\_\_

Response prepared by:






\_\_\_\_\_  
Name Title Date

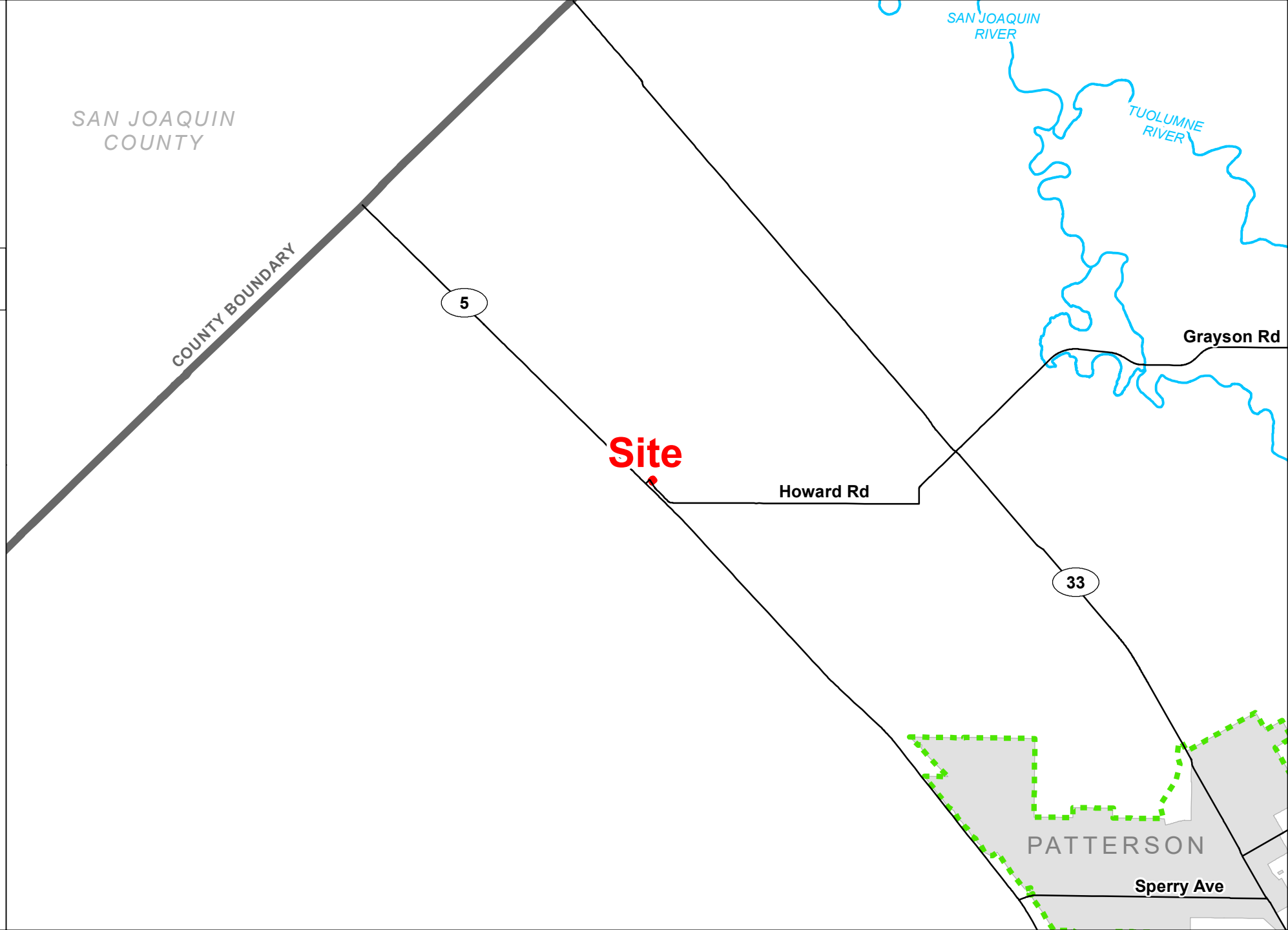
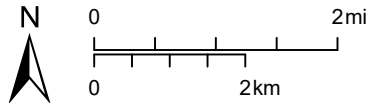
# McDonalds sign

**SAA  
PLN2022-0146**

## AREA MAP

### LEGEND

-  Project Site
-  Sphere of Influence
-  City
-  Road
-  River



# McDonalds sign

**SAA  
PLN2022-0146**

## GENERAL PLAN MAP


### LEGEND


 Project Site

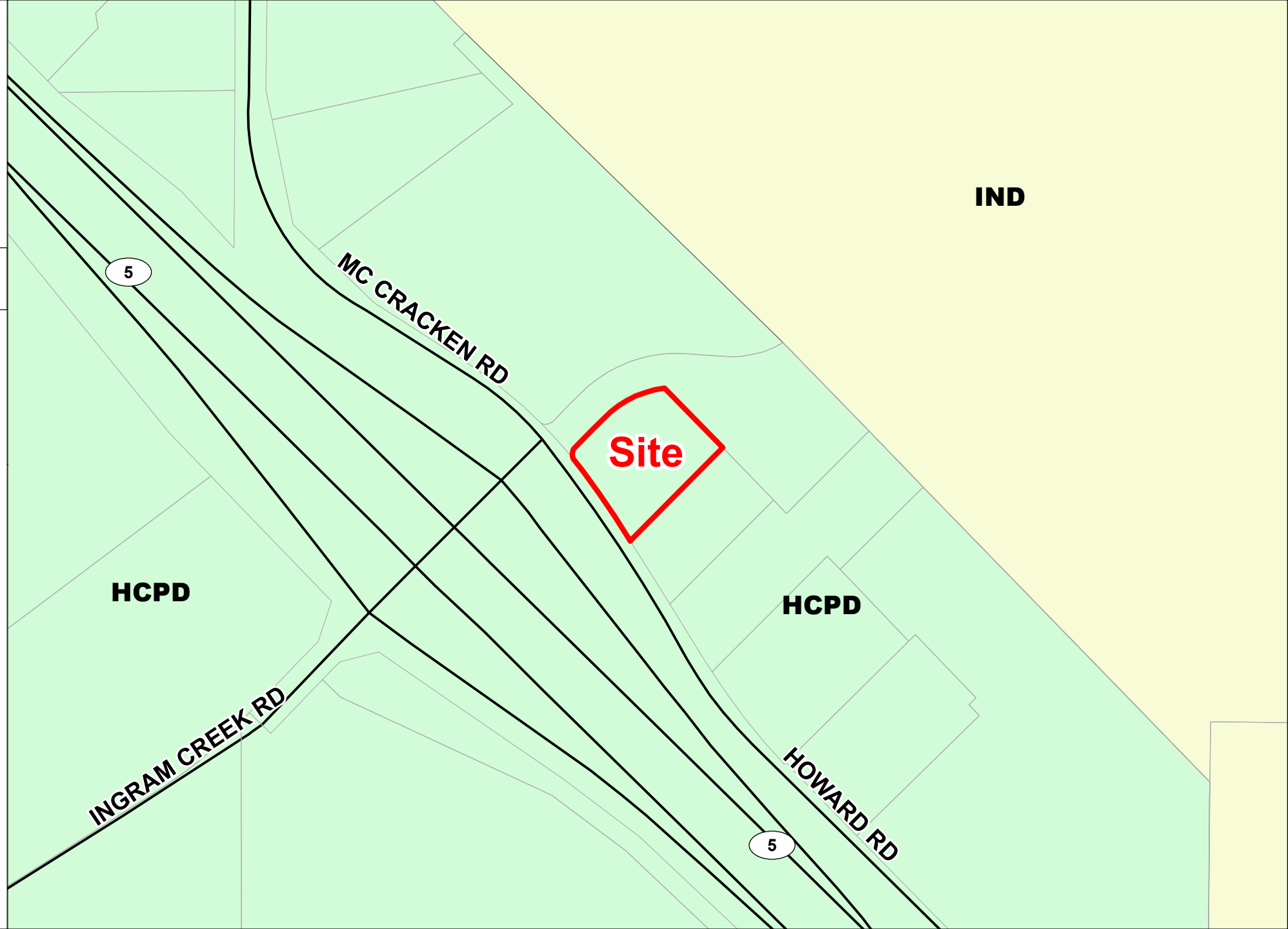
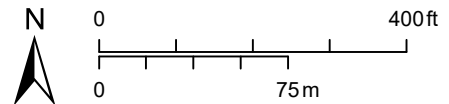
 Parcel

 Road

### General Plan

 Industrial

 Highway Commercial /  
Planned Development



# McDonalds sign


**SAA  
PLN2022-0146**

## ZONING MAP

### LEGEND

 Project Site

 Parcel

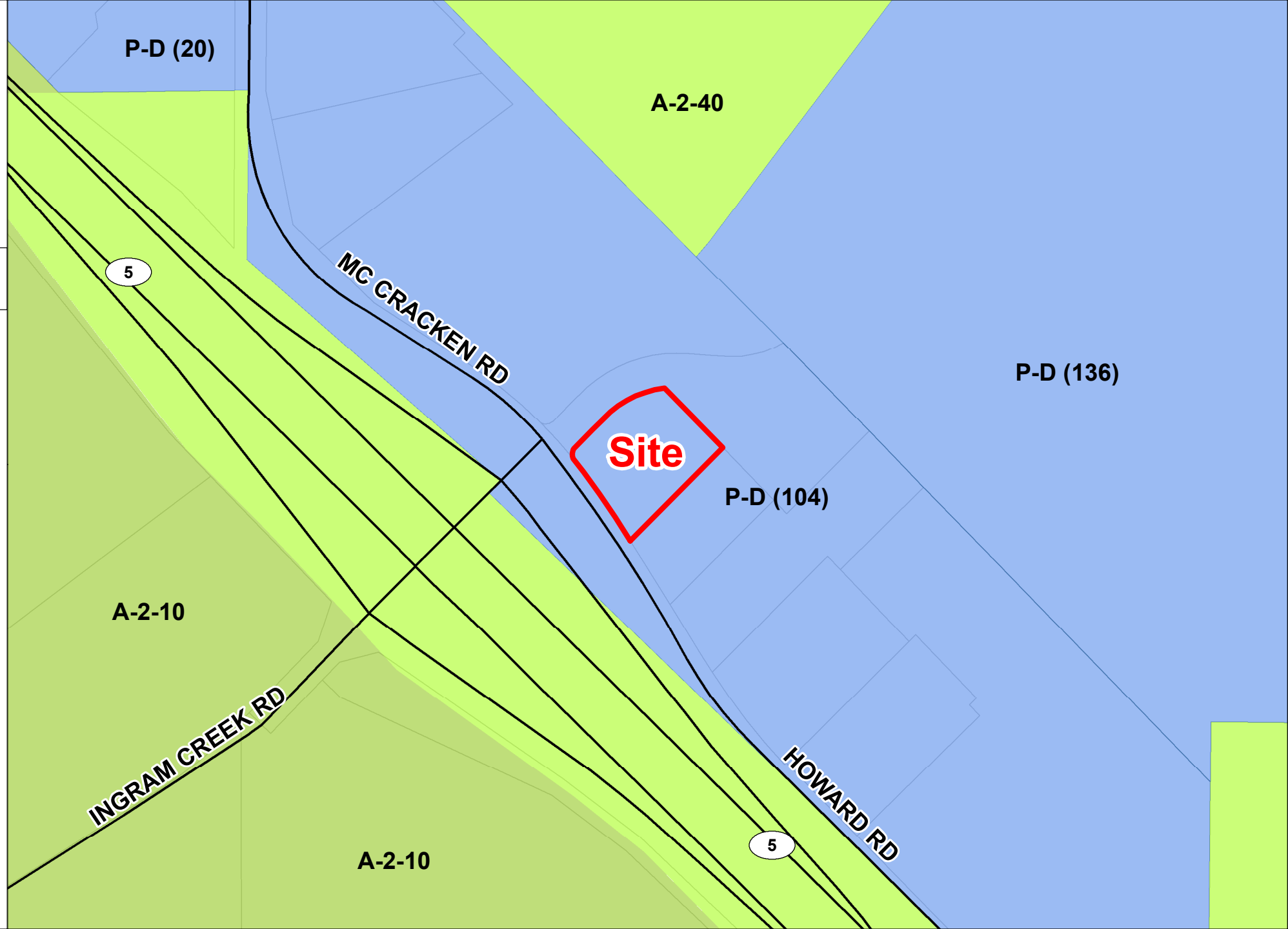
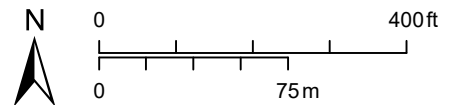
 Road

### Zoning Designation

 Planned Development

 General Agriculture 10 Acre

 General Agriculture 40 Acre



# McDonalds sign


## SAA PLN2022-0146

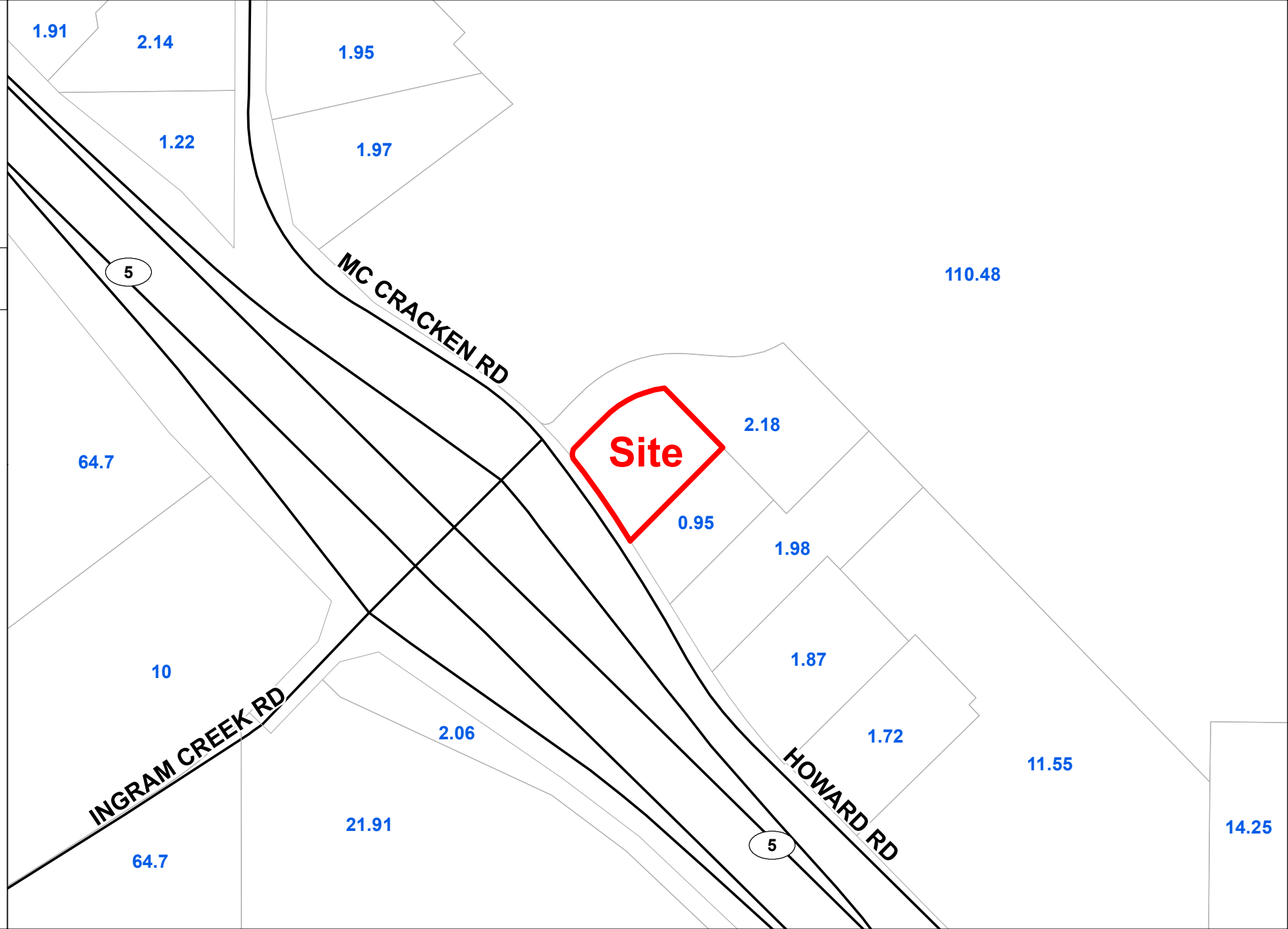
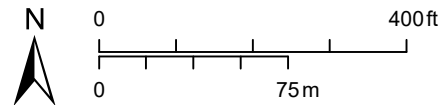
### ACREAGE MAP

#### LEGEND

 Project Site

 Parcel/Acres

 Road





# McDonald's

**4561 Howard Rd., Westley, CA 95387**

**SCOPE OF WORK:**  
**SIGN Z - 97 FOOT TALL POLE SIGN**  
**CUSTOM FABRICATED DOUBLE FACE**  
**CABINET 15'-6" H. x 20'-1 1/2" W. MOUNTED ON NEW**  
**PIPES USING EXISTING BASE PIPE.**  
**310.0 SQUARE FEET**



**1 VICINITY MAP**  
 Scale: N.T.S.

**ENG**

PLAN CHECKLIST	Incl.	N/A	TBD
Most current, latest set of plans	✓		
Sign Types & Quantities	✓		
Current Engineering (As Needed)	✓		
Current Job Check or Survey	✓		
Strategy Session w/ Metal Dept (As Needed)		✓	
Review Service Access & Requirements		✓	
Elevation / Side / Plan Views	✓		
Section Views	✓		
Pick Points	✓		
Lighting Specifications	✓		
Colors & Finishes	✓		
Finished Electronic Artwork	✓		
Electrical (120V or 277V) Requirements	✓		
Amperage Requirements	✓		

**APPROVAL** Initials & Date: *[Signature]* 11.10.22

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 electrical advertising

1700 West Anaheim Street  
 Long Beach, California  
 90813-1195  
 Phone: 562.495.3808  
 Facsimile: 562.435.1867  
 www.superiorsigns.com

Project:  
**McDonald's**

Address:  
**4561 Howard Rd.,  
 Westley, CA 95387**

Account Manager:  
**Dave Coberly**

Scale: T.A.:  
**AS NOTED 5**

Design No.:  
**21-11-7951-04**

Reg. No.: **232187**

Revision History:  
**R0 11/03/21 LR New Drawing**  
**R1 8/17/21 mdm (.5) add new engineering for permits**  
**R2 9/16/22 LR New engineering, reduce sign (1)**  
**R3 10/06/22 fm New (9/12/22 engineering, reduce sign to 90'**  
**R4 11/8/22 LR Sign off (1)**



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.

**CONSTRUCTION APPROVALS**  
 Acct. Mgr: \_\_\_\_\_ Date: \_\_\_\_\_

Design: *[Signature]* 11.10.22 Date: \_\_\_\_\_  
 Mfg/QC: \_\_\_\_\_ Date: \_\_\_\_\_

Page: **1** of **9**

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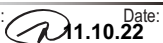
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**1 SITE PLAN**  
Scale: N.T.S.





**1** EXISTING D/F ILLUMINATED 70-200 ROAD SIGN  
Approximate Scale: 3/32" = 1'-0"



**2** PROPOSED NEW D/F ILLUMINATED 90-200 ROAD ON EXISTING PIPE & INCREASE HEIGHT  
Approximate Scale: 3/32" = 1'-0"



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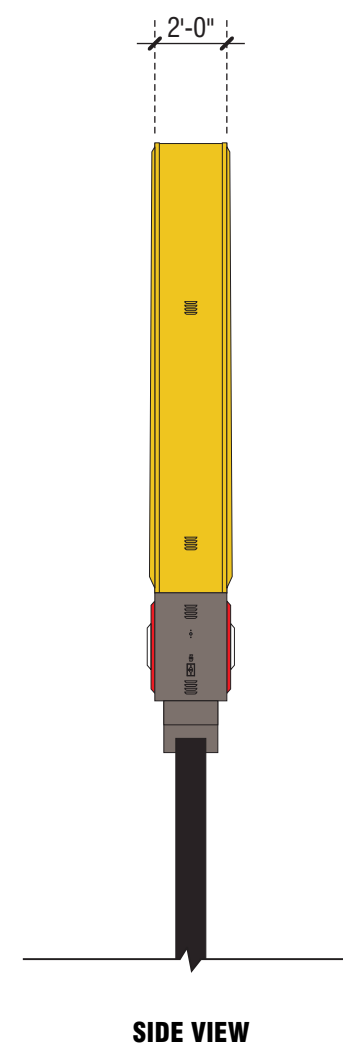
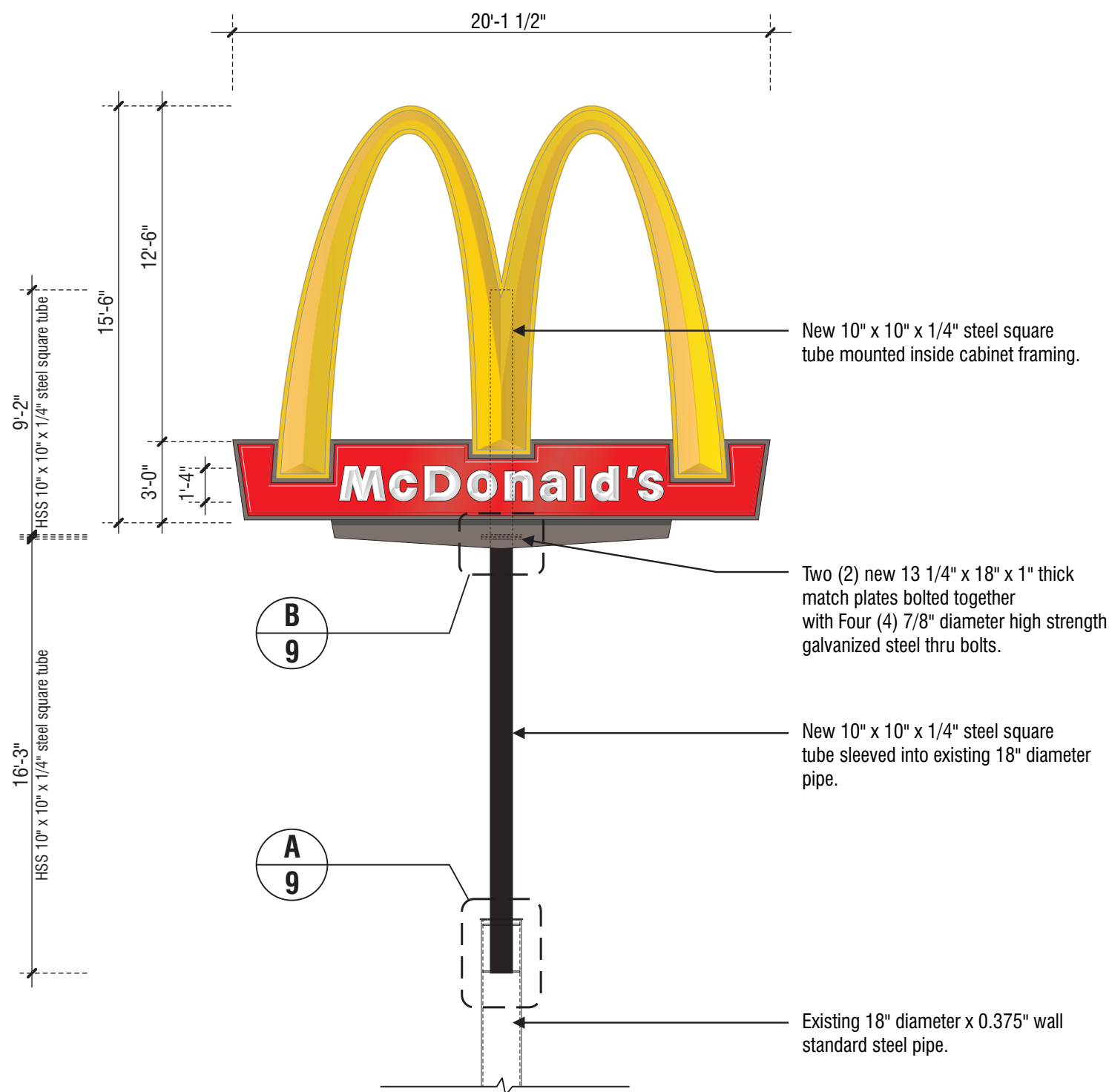
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**SPECIFICATIONS:**

- ARCH FACES:** VACUUM FORMED SABIC YELLOW LEXAN.
- ARCH RETURNS & RETAINERS:** ALUMINUM PAINTED YELLOW TO MATCH PMS 123C
- ILLUMINATION:** WARM WHITE LED'S
- KEYSTONE FACES:** VACUUM FORMED RED LEXAN ROUTED OUT FOR COPY
- "McDONALD'S":** VACUUM FORMED WHITE TUFFGLASS WITH BLACK OUTLINE  
POP RIVETED TO THE FACE
- KEYSTONE RETURNS & RETAINERS:** ALUMINUM PAINTED DURANODIC BRONZE
- ILLUMINATION:** WHITE LED'S WITH REMOTE POWER SUPPLIES MOUNTED INTO ENCLOSURES AT 10'-0" ABOVE A GRADE. SEA TO SUPPLY NEMA ENCLOSURES, WIRING KIT, HARDWARE AND CONNECTION BOLTS.
- EXISTING BASE PIPE SUPPORT:** REPAINT DURANODIC BRONZE
- NOTE:** SEA TO SUPPLY NEW PIPES  
REMOVE AND DISPOSE OF EXISTING 70-200 ROAD SIGN CABINET

**Z** NEW DOUBLE FACE ILLUMINATED 90-200 ROAD SIGN WITH NEW TUBES MOUNTED TO EXISTING PIPES  
 Quantity: One (1) Required Scale: 3/16" = 1'-0"

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Account Manager: **Dave Coberly**

Scale: T.A.:  
**AS NOTED 5**

Design No.: **21-11-7951-04**

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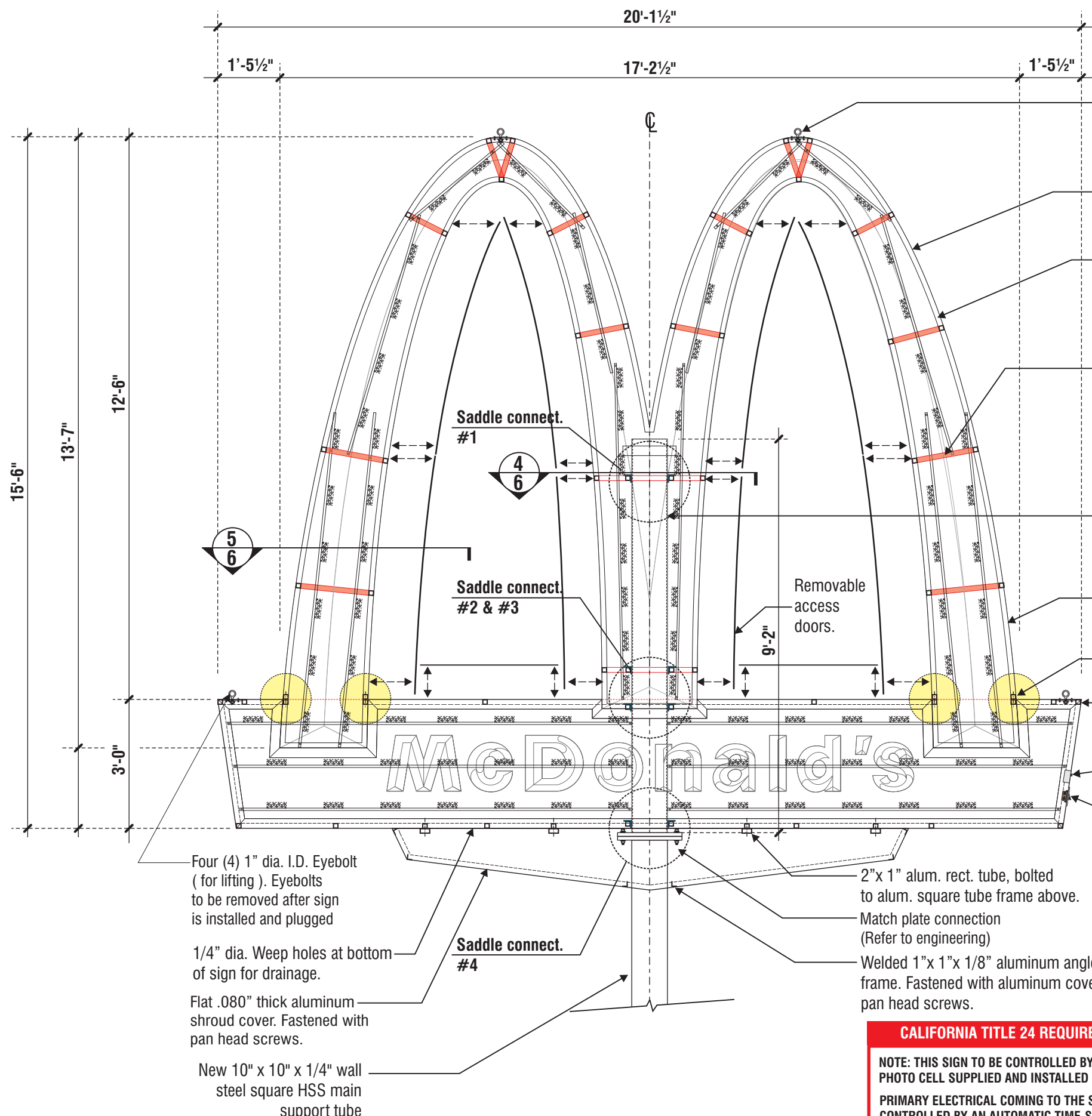
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Design: *SEA* 11.10.22 Date: \_\_\_\_\_  
 Mfg/QC: \_\_\_\_\_ Date: \_\_\_\_\_

Page: **4** of **9**

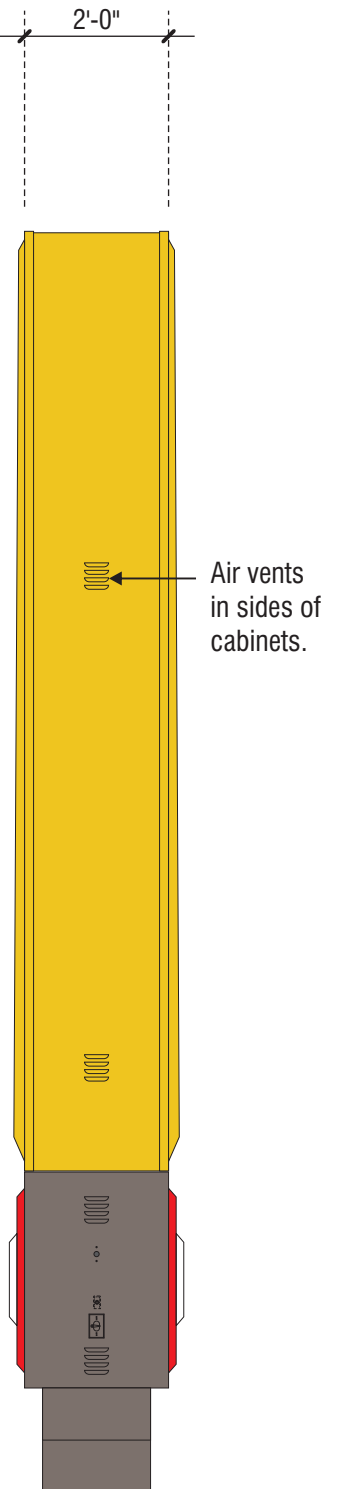
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**NOTE TO ALL CONTRACTORS: SIGN VOLTAGE 120**  
 IN ACCORDANCE WITH NEC AND UL GUIDELINES, IT IS REQUIRED THAT PRIMARY CIRCUITS TO EACH SIGN MUST HAVE DEDICATED CIRCUIT WITH PROPER GROUND FROM MAIN PANEL AND MUST BE BONDED.

- Two (2) 1" dia. I.D. Eyebolt ( for lifting ). Eyebolts to be removed after sign is installed and plugged
- Custom fabricated .080" thick aluminum cabinet.
- Rolled 1 1/2"x 1 1/2"x 1/8" aluminum square tube frame around perimeter with center bracing welded at all connection points.
- Welded 1 1/2"x 1 1/2"x 1/8" aluminum square tube bracing at returns-center ( shown in red ).
- New 10" x 10" x 1/4" wall steel square HSS main support tube
- Custom fabricated .080"x 2" face x 1 1/2" side aluminum retainers, fastened with pan head screws ( typical ).
- Bolted with 1/2" bolts ( typical ).
- Custom fabricated .080" thick aluminum cabinet with welded 1 1/2"x 1 1/2"x 1/8" aluminum square tube frame.
- Photocell
- Weatherproof disconnect switch.
- Removable access doors.
- 9'-2"
- 2"x 1" alum. rect. tube, bolted to alum. square tube frame above.
- Match plate connection (Refer to engineering)
- Welded 1"x 1"x 1/8" aluminum angles outer frame. Fastened with aluminum cover with pan head screws.



- Four (4) 1" dia. I.D. Eyebolt ( for lifting ). Eyebolts to be removed after sign is installed and plugged
- 1/4" dia. Weep holes at bottom of sign for drainage.
- Flat .080" thick aluminum shroud cover. Fastened with pan head screws.
- New 10" x 10" x 1/4" wall steel square HSS main support tube

**3 SIGN FRAMING ELEVATION / DOUBLE FACE 90-200 ROAD SIGN**  
 SCALE: 3/8" = 1'-0"

**CALIFORNIA TITLE 24 REQUIREMENT**  
 NOTE: THIS SIGN TO BE CONTROLLED BY A PHOTO CELL SUPPLIED AND INSTALLED BY S.E.A.  
 PRIMARY ELECTRICAL COMING TO THE SIGN TO BE CONTROLLED BY AN AUTOMATIC TIME-SWITCH OR AN ASTRONOMICAL TIME-SWITCH CONTROL. THESE SWITCHES SHALL BE INSTALLED BY OTHERS BEFORE SIGN IS INSTALLED.

**NOTE: ALL SIGNAGE REQUIRED DISCONNECT SWITCH TO COMPLY WITH ARTICLE 600.6(A)(1) OF THE NATIONAL ELECTRICAL CODE**

ELECTRICAL	
ARCH	(46) AA DOUBLE SIDED WARM WHITE LED MODULES @ 6 WATTS EACH UL#E325964 (32) AA SINGLE SIDED WARM WHITE LED MODULES @ 3 WATTS EACH UL#E325964 (372 WATTS TOTAL) (4) 150W MEANWELL POWER SUPPLY @ 2.00 AMPS EACH UL#E320521
KEYSTONE	(40) AA DOUBLE SIDED COOL WHITE LED MODULES @ 6 WATTS EACH UL#E325964 (240 WATTS TOTAL) (2) 150W MEANWELL POWER SUPPLY @ 2.00 AMPS EACH UL#E320521
<b>TOTAL LOAD:</b>	<b>12.00 AMPS AT 120 VOLTS</b> <b>(1) 20 AMP DEDICATED SIGN CIRCUIT REQUIRED</b>

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Project: **McDonald's**  
 Address: **4561 Howard Rd., Westley, CA 95387**

Account Manager: **Dave Coberly**  
 Scale: **AS NOTED** T.A.: **5**  
 Design No.: **21-11-7951-04**  
 Reg. No.: **232187**

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**UL CERTIFIED** ELECTRIC SIGN

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.

• CONSTRUCTION APPROVALS •  
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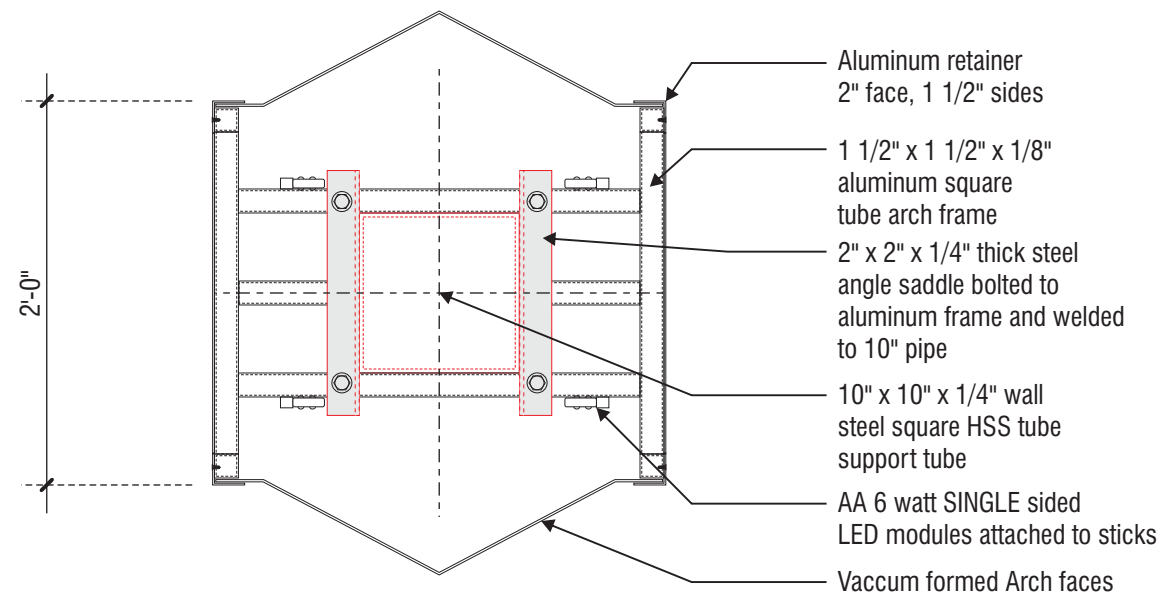
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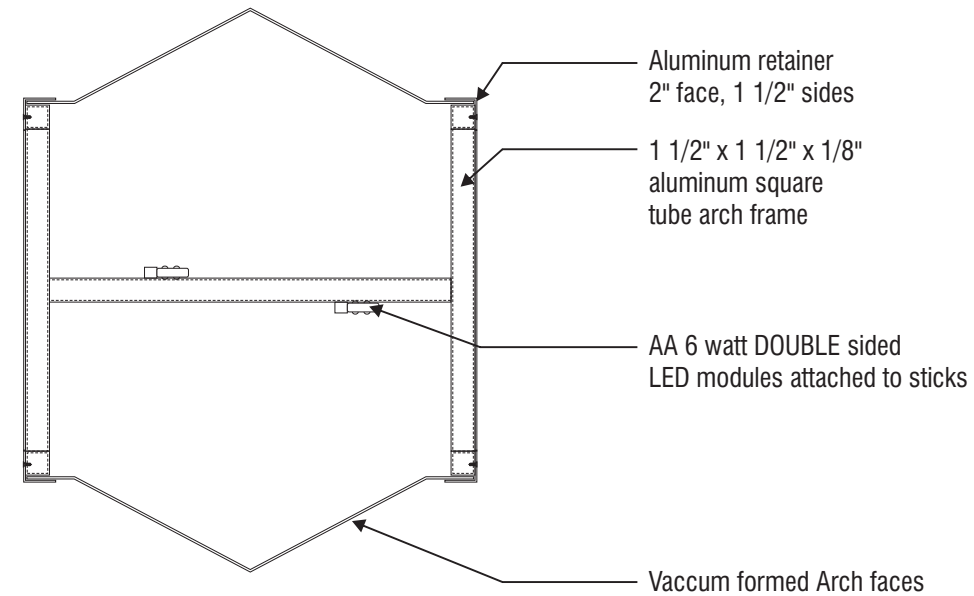
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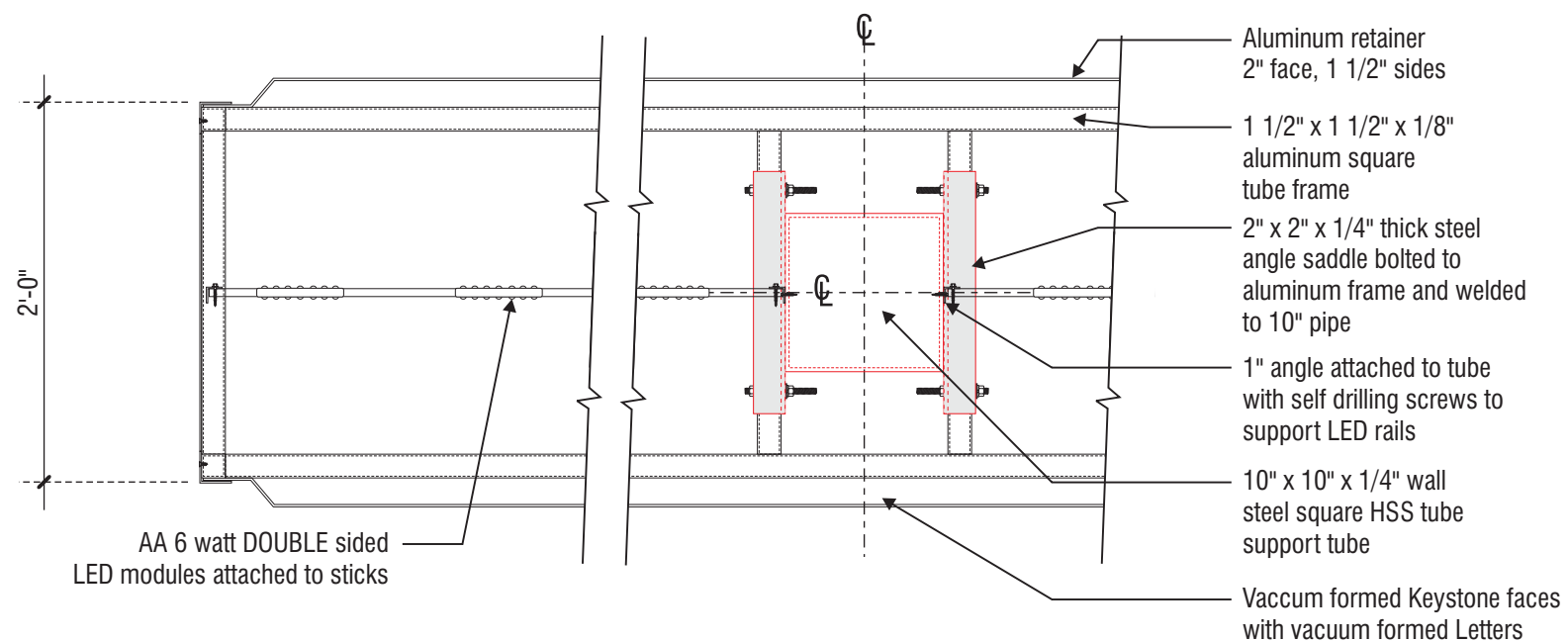
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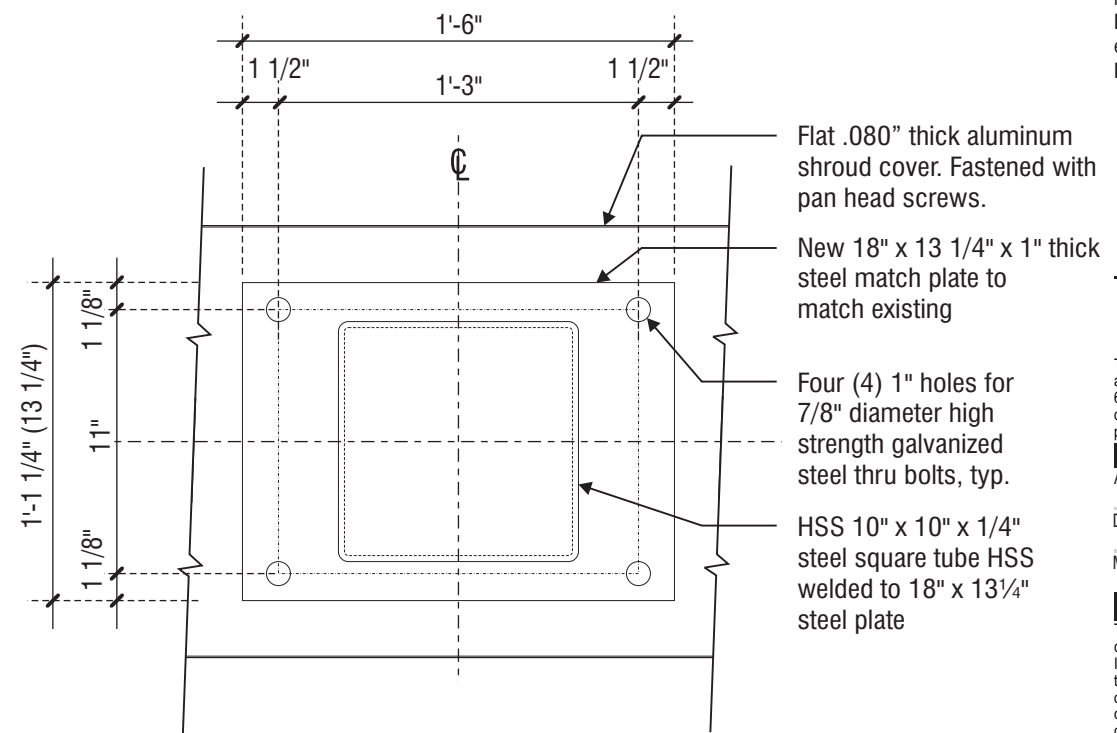
**4** SECTION THRU ARCH AT SADDLE  
SCALE: 1" = 1'-0"



**5** SECTION THRU ARCH  
SCALE: 1" = 1'-0"



**6** SECTION THRU KEYSTONE CABINET - SADDLE CONNECTION  
SCALE: 1" = 1'-0"



**7** PLATE CONNECTION AT BOTTOM DECORATIVE COVER  
SCALE: 1/2" = 1'-0"



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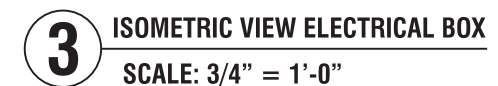
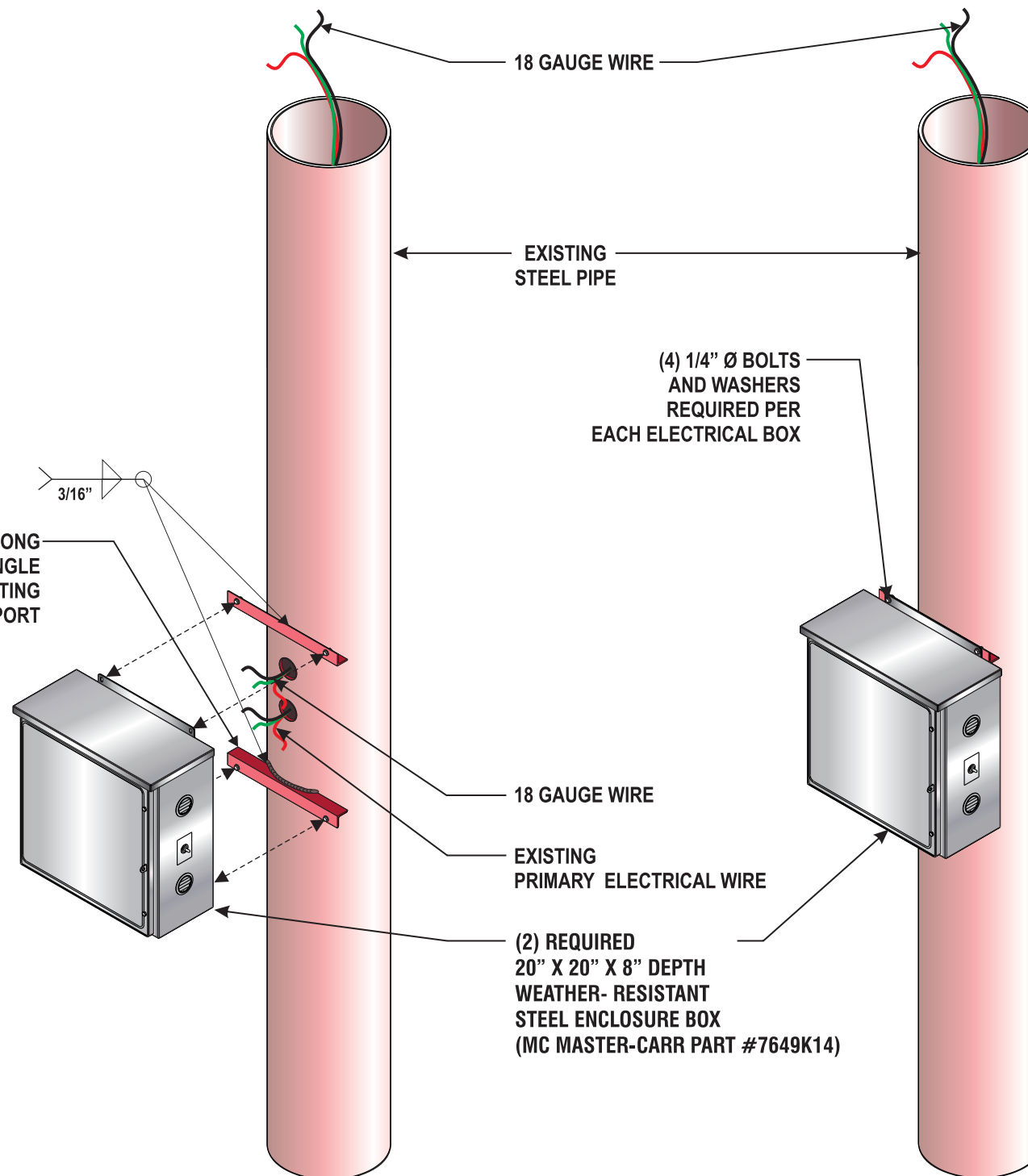
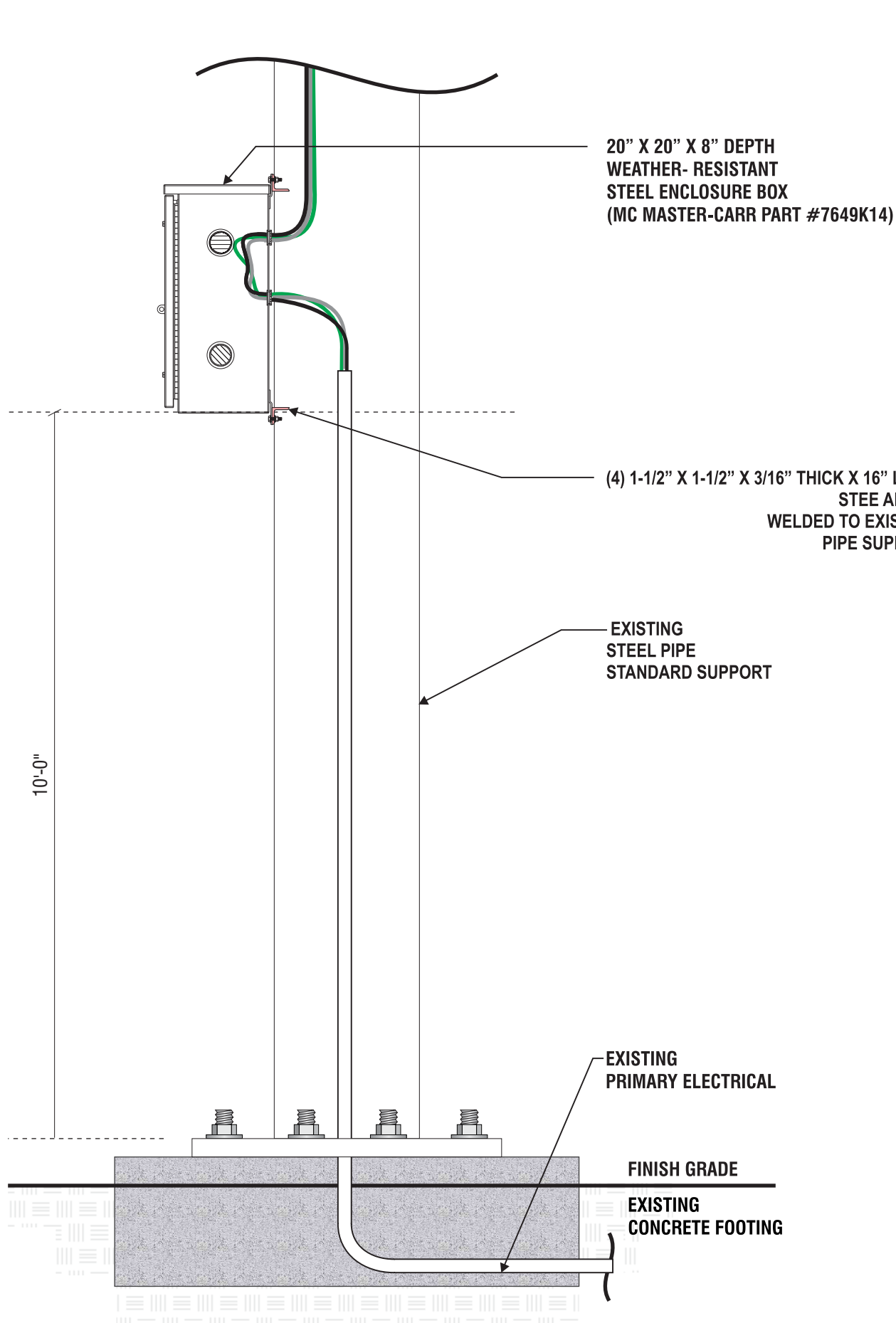
**CONSTRUCTION APPROVALS**  
Acct. Mgr: \_\_\_\_\_ Date: \_\_\_\_\_

Design: \_\_\_\_\_ Date: **11.10.22**  
Mfg/QC: \_\_\_\_\_ Date: \_\_\_\_\_

Page: **6** of **9**

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90813-1195  
Phone: 562.495.3808  
Facsimile: 562.435.1867

www.superiorsigns.com

Project:  
**McDonald's**

Address:  
**4561 Howard Rd.,  
Westley, CA 95387**

Account Manager:  
**Dave Coberly**

Scale: T.A.:  
**AS NOTED 5**

Design No.:  
**21-11-7951-04**

Reg. No.: **232187**

Revision History:  
R0 11/03/21 LR New Drawing  
R1 8/17/21 mdm (.5) add new engineering for permits  
R2 9/16/22 LR New engineering, reduce sign (1)  
R3 10/06/22 fm New (9/12/22 engineering, reduce sign to 90'  
R4 11/8/22 LR Sign off (1)



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• CONSTRUCTION APPROVALS •  
Acct. Mgr: Date:

Design: *11.10.22* Date:  
Mfg/QC: Date:

Page: **7** of **9**

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**Photocontrol - Button Electronic Photocontrol, 120-277 V**  
Item EK4036S



**PRODUCT DESCRIPTION**

NightFox™ electronic photocontrols permanently install on outdoor electrical boxes, in-wall boxes or outdoor lighting fixtures. Ideal for LED fixtures with long-life expectations. Mounts internally to an enclosure with a 3/8" diameter window for light sensing. Comes with 9" wire leads.

**FEATURES**

- ▶ Non-drift silicon light sensor with IR filter
- ▶ DC relay with zero-crossing circuitry for extended life
- ▶ Conformal coated PCB
- ▶ 15-year design life
- ▶ Exceeds 10,000 ON/OFF switching cycles
- ▶ Fail ON mode
- ▶ Ideal for single or multi fixture HID and LED installations (up to 1,650 W @ 277 VAC)
- ▶ 255 J MOV surge protection element
- ▶ Mounts internally to enclosure with a 3/8" diameter window for light sensor
- ▶ #18 AWG wire leads

**APPLICATIONS**

- ▶ Parking Lot Lighting
- ▶ Landscape Lighting
- ▶ Exterior Lighting
- ▶ Street Lighting
- ▶ Pedestrian Pathway Lighting

**TECHNICAL DATA**

General	
Model Number	EK4036S
Description	Button Electronic Photocontrol, 120-277 V
UPC Code	078275146280
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty	8-Year limited
Usage Environments	Outdoor
Photocontrol Type	Electronic
Expected Lifetime (Years)	15
Expected Lifetime (Operations)	10000
Application Compatibilities	LED; Incandescent; HID
Photocontrol Style	Button
Photocontrol Sensor Location	Front

Control Specifications	
Sensor Time Delay	Instant ON; 2 sec to 5 sec OFF
Photocell Type	Silicon Diode
Photo Control Switch Type	Relay
Fail Mode	ON
Activation On	1.5 fc
Activation Off	4.5 fc



Dimensions	
Product Height (in)	2 1/4
Product Height (mm)	57.2
Product Width (in)	1 5/16
Wire Lead Length (in)	9
Wire Size Max	#18 AWG

Material Specifications	
Cover Color	Gray
Housing Material	Polycarbonate

Load Ratings	
Tungsten Range(s)	1000 W
Ballast (Fluorescent)	1800 VA
Ballast (Fluorescent) Range(s)	1800 VA
Electronic Ballast Range(s)	6 A, 120-277 VAC, 50/60 Hz

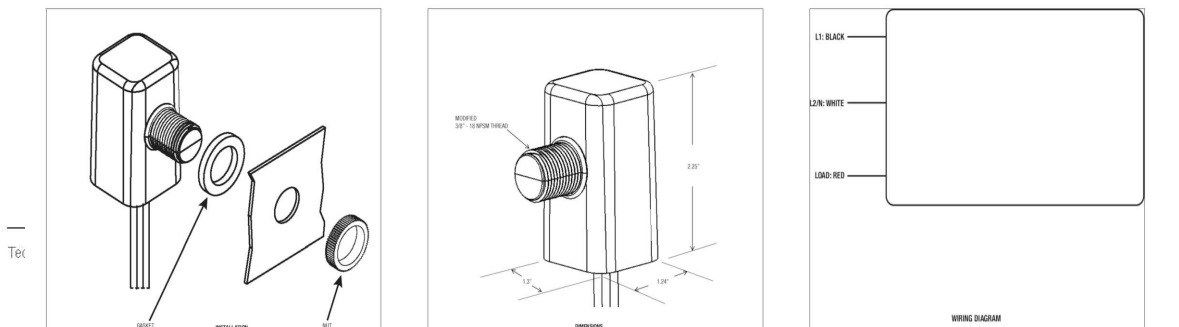
Electrical Specifications	
Wiring Option	Wire leads
Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Surge Protection	255 J MOV, 5,000 A Surge

Packaging	
Shipping Weight (lbs)	0.196
Unit Carton Height (in)	4.875

Environmental Specifications	
Temperature (operation)	-40°C..70°C

Standards and Certifications	
UL Certification	UL
CSA Certification	CSA
Other Certifications and Compatibilities	CA Title 20; Ansi C136.24
California Proposition 65	DEHP
RoHS Certification	Yes

**DIAGRAMS**



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**R4 11/8/22 LR Sign off (1)**



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• CONSTRUCTION APPROVALS •  
Acct. Mgr: \_\_\_\_\_ Date: \_\_\_\_\_

Design: 11.10.22 Date: \_\_\_\_\_  
Mfg/QC: \_\_\_\_\_ Date: \_\_\_\_\_

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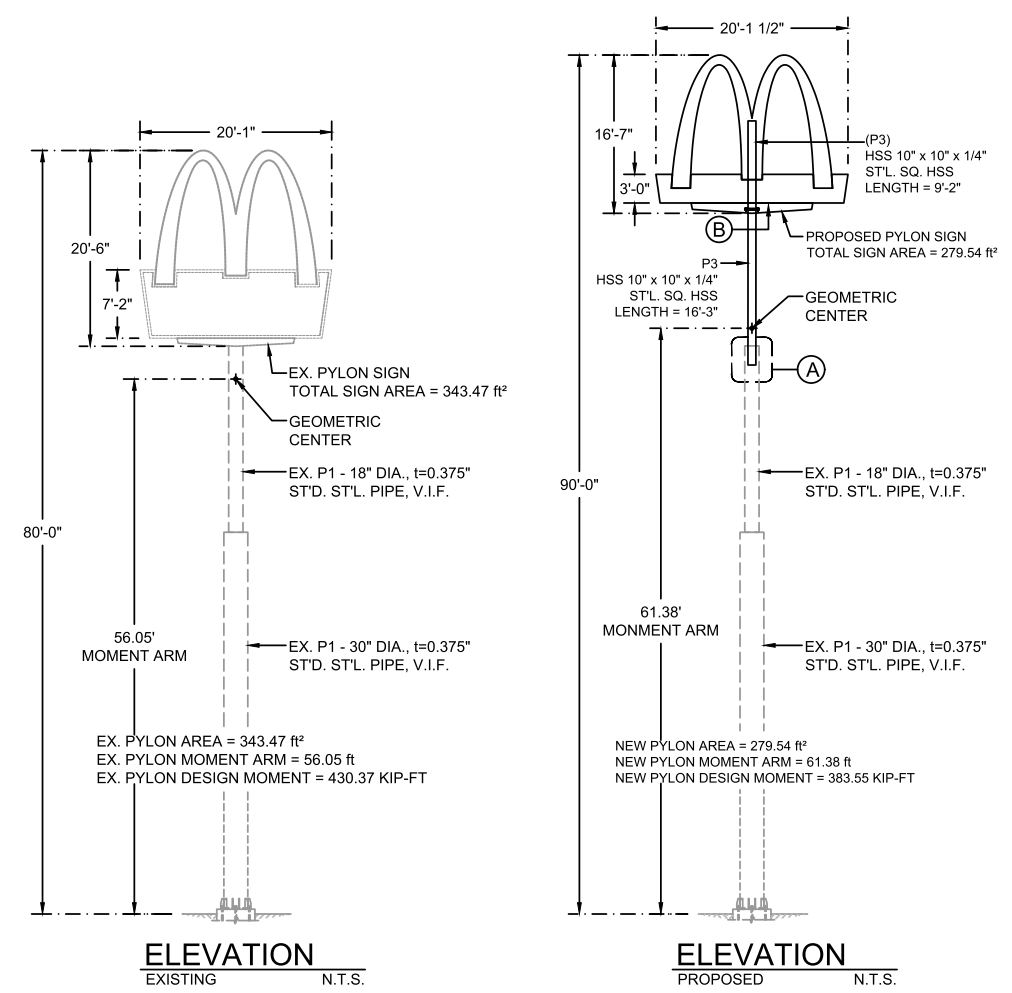
Mfg/QC: Date:

Page: 9 of 9

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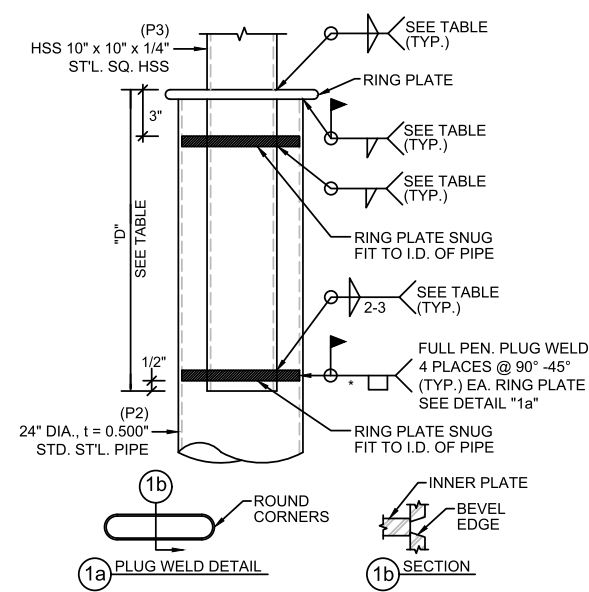
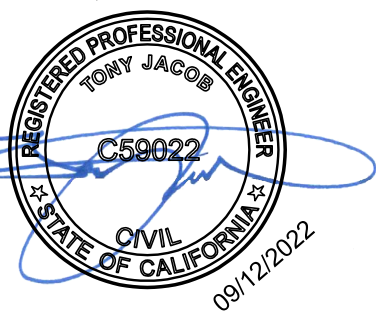
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Sign Design Based On 2019 CBC		
Job #	1029_7221_R	
Project	McDonald's - Retro-Fit	
Job Location	4561 Howard Rd. Westley, CA	
<b>INPUT DATA</b>		
Exposure category (B, C or D)	= C	
Risk Category	= II	
Ultimate Design WINDspeed	V <sub>ULT</sub> = 95 MPH	
Topographic factor	K <sub>zt</sub> = 1 Flat	
Height of the sign	h = 90.00 FT	
Average Vertical dimension (for wall, s = h)	s = 13.89 FT	
Horizontal dimension	B = 20.13 FT	
Dimension of return corner	L <sub>r</sub> = 1.67 FT	
<b>ANALYSIS</b>		
<b>Velocity pressure</b>		
q <sub>s</sub> = 0.00256 K <sub>e</sub> K <sub>z</sub> K <sub>d</sub> V <sup>2</sup> K <sub>g</sub>	= 24.35 PSF	
where:		
q <sub>s</sub> = velocity pressure at height h. (Eq. 26.10-1 page. 268)		
K <sub>e</sub> = velocity pressure exposure coefficient	= 1.24	
evaluated at height above gRnd. level, h (Tab. 26.10-1, page 268)		
K <sub>d</sub> = wind directionality factor. (Tab. 26.8-1, page 266)	= 0.85	
K <sub>z</sub> = ground elevation factor, see (Tab. 26.9-1, page 268)	= 1.00	
<b>Wind Force Case A: resultant force through geometric center</b>		
Max horizontal wind pressure = p = q <sub>s</sub> G C <sub>f</sub>	= 37 PSF	
where:		
G = gust effect factor. (Sec. 26.11-1, page 269).	= 0.85	
C <sub>f</sub> = net force coefficient. (Fig. 29.3-1, page 323)	= 1.80	
A <sub>s</sub> = B s = the gross area	= 279.54 FT <sup>2</sup>	
Estimated sign cabinet weight	= 2243 LBS.	
<b>DESIGN SUMMARY</b>		
Allowable Stress Design Wind Factor =	0.60	
Design Wind Pressure =	0.6 x p = 22.35 PSF	
Design Windforce, F =	22.35 x A <sub>s</sub> = 6.25 KIPS	
Moment Arm =	61.38 FT	
Design Moment =	F x Moment Arm = 383.55 KIP-FT	
<b>(P3) Pole Design</b>		
Sec. Mod. Req'd.	STL. SQ. HSS USE A500 GR. B	
S = 10.48	HSS 10" x 10" x 1/4"	S = 28.30 (OK)
<b>Match Plate</b>		
Thickness Req'd.	STL. PLATE USE A36	
t = 0.49	PL 18" x 13 1/4" x 1"	t = 1.00 (OK)
<b>Bolt Design</b>		
Tension Req'd.	HIGH STRENGTH GALV. STL. THRU-BOLT USE A325	
T = 13148	7/8" DIA.	T = 27055
Shear Req'd.		V = 14420
Unity =	(13148 / 27055) + (1361 / 14420) = 0.58	< 1 (OK)



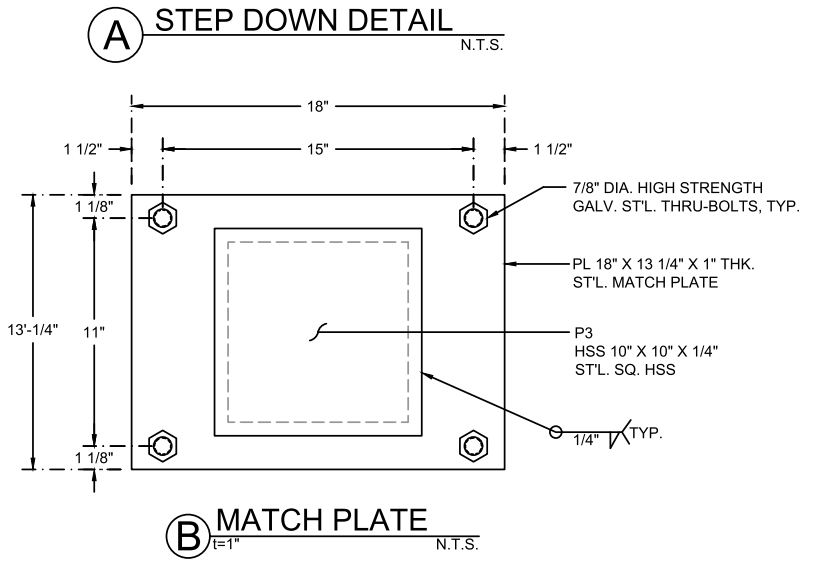
SIGNAGE LATERAL PERCENTAGE INCREASE	
PARAMETER	VALUE
EXISTING SIGNAGE PROJECTED AREA	343.47 SF
PROPOSED SIGNAGE AREA	279.54 SF
AREA PERCENTAGE DECREASE	-18.61%
EXISTING DESIGN MOMENT	430.37 KIP-FT
PROPOSED DESIGN MOMENT	383.55 KIP-FT
DESIGN MOMENT PERCENTAGE DECREASE	-10.88%

NOTE: CEBC (2019) 502.5 "Any existing lateral load-carrying structural element whose demand-capacity ratio with the addition considered is no more than 10 percent greater than its demand-capacity ratio with the addition ignored shall be permitted to remain unaltered"



UPPER COL. DIA.	"D"	WELD SIZE	RING PL.
(P3) 10" SQ.	24"	1/4"	1/2"

\* LENGTH OF PLUG WELDS TO BE 1/8 OF LOWER COLUMN DIA., MINIMUM 1/2" DIA. SPECIAL INSPECTION REQUIRED FOR FIELD WELD.



**NOTES :**

**GENERAL :**

- SIGN DESIGN IS BASED ON ADEQUATE EXISTING SUPPORT ELEMENTS.
- PROVIDE ISOLATION OF DISSIMILAR MATERIALS.
- COAT ALUMINUM IN CONTACT WITH CONCRETE WITH ZINC RICH PAINT.
- THERE IS NO PROTECTION ZONE AS DEFINED IN AISC 341-16.
- PROVIDE FULLY WELDED END CAPS AT EXPOSED OPEN ENDS OF STEEL / ALUM. TUBES, MATCH THICKNESS LIKE FOR LIKE.
- SLOPE TOP OF EXPOSED FOOTING AWAY FROM DIRECT BURIAL POSTS
- ALL EXPOSED STEEL TO BE PRIMED & PAINTED (POWDER COAT AS AN OPTION) OR ALTERNATIVELY USE GALVANIZED STEEL.

**ANCHORS :**

- BRAND NAME APPROVED POST INSTALLED ANCHORS SPECIFIED ON PLANS MAY BE SUBSTITUTED BY APPROVED EQUAL.

**STEEL :**

DESIGN AND FABRICATION ACCORDING TO 2019 CBC

- PLATE, ANGLE, CHANNEL TEE: ASTM A36
- WIDE FLANGE: ASTM A992
- ROUND PIPE: ASTM A53 GRADE B OR EQUIVALENT.
- HSS ROUND, SQUARE, AND RECTANGULAR TUBE: ASTM A500 GRADE B OR EQUIVALENT.
- ALL ANCHORS BOLTS SHOULD BE: ASTM F1554
- ALL STEEL MACHINED BOLTS SHOULD BE: ASTM A307, ASTM A449 OR A325.
- ALL STAINLESS STEEL MACHINED BOLTS SHOULD BE: ASTM A276
- ALL BOLTS TO BE ZINC COATED: ASTM B633
- DEFORMED REINFORCING REBAR: ASTM A615 GRADE 60.

**ALUMINUM :**

DESIGN AND FABRICATION ACCORDING TO 2015 ALUM. DESIGN MANUAL

PLATES, ANGLES, CHANNELS, TEE, AND SQUARE TUBING: ALUMINUM

- ALLOY 6061 - T6 WITH 0.098 LBS PER CUBIC INCH.

**WELDING :**

**STEEL**

DESIGN AND FABRICATION ACCORDING TO AWS D1.1 / D1.3

- AWS CERTIFICATION REQUIRED FOR ALL STRUCTURAL WELDERS.
- E70 XX ELECTRODE FOR SMAW PROCESS.
- E70S XX ELECTRODE FOR GMAW PROCESS.
- ER7 XX ELECTRODE FOR GTAW PROCESS.
- E70T XX ELECTRODE FOR FCAW PROCESS.

ALL WELDS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20FT-LB AT ZERO 0° AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MFG'S. CERTIFICATION.

**ALUMINUM**

DESIGN AND FABRICATION ACCORDING TO AWS D1.2. ALL WELDING IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS A.5.10. FILLER ALLOYS PER TABLES M.9.1 & M.9.2 OF 2015 ALUMINUM DESIGN MANUAL.

www.yjinc.com  
P.O. BOX 802050  
SANTA CLARITA, CA 91380  
TEL. (661)259-0700 FAX. (661)259-0900

SHEET TITLE:  
**MCDONALD'S  
PYLON RETRO-FIT**

DRN BY:	DATE LAST REVISED:	REV. NO.	REV. DATE	REVISED BY
B.B.	Sep 12, 2022	1	-/-/-	
T.J.	JUN. 18, 2021	2	-/-/-	
T.J.	SCALE: AS SHOWN	3	-/-/-	

PROJECT JOB #: 1029\_7221\_McDonald's\_Pylon Retro Fit\_E Howard Road\_Westley\_CA.dwg  
PROJECT LOCATION: MCDONALD'S  
4561 HOWARD RD.  
WESTLEY, CA

SHEET #  
1 OF 1